December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

SOUNDTRANSIT

December 13, 2024

Dear Recipient:

The U.S. Department of Transportation Federal Transit Administration (FTA) and Sound Transit (the Central Puget Sound Regional Transit Authority) have prepared this Draft Environmental Impact Statement (EIS) on the proposed Tacoma Dome Link Extension Project. The Draft EIS informs Tribes, the public, agencies, and decision makers about the alternatives and environmental consequences of building and operating the Tacoma Dome Link Extension from the City of Federal Way in King County to Tacoma in Pierce County. The document was prepared pursuant to the National Environmental Policy Act (42 United States Code 4321) and the State Environmental Policy Act (Chapter 43.21C Revised Code of Washington). Sound Transit is the project proponent.

In July 2019, the Sound Transit Board identified the alternatives for study in the Draft EIS, including preferred alternatives for the majority of the Tacoma Dome Link Extension. In March 2023, the Sound Transit Board identified additional alternatives for study. The major choices for the project involve the route of the light rail line and station locations. The project would extend Link light rail nearly 10-miles and includes four stations. The alternatives are generally along either Pacific Highway (State Route 99) or Interstate 5 from Federal Way through Fife. All Alternatives would cross the Puyallup River at the same location and follow a similar route to about East Portland Avenue in Tacoma. The alternatives then split into multiple routes between East 25th Street and East 26th Street.

The Sound Transit Board will consider the analysis in the Draft EIS, Tribal, public and agency comments, and other information before confirming or modifying the preferred alternative. FTA and Sound Transit will prepare a Final EIS, which will respond to substantive comments on the Draft EIS and will evaluate impacts and potential mitigation measures for all of the alternatives. After completion of the Final EIS, the Sound Transit Board will select the project to be built.

The Draft EIS includes the Executive Summary and appendices, which can be found on the flash drive included in this document and online at www.soundtransit.org/system-expansion/tacoma-dome-link-extension/documents. Please see the Fact Sheet in this Draft EIS regarding availability of appendices and technical report hard copies, information on public meetings, and how to comment on the Draft EIS, and whom to contact for further information.

Sincerely,

Signed by:
Erin Green
C2Z07795F35745D...

Erin Green
South Corridor Environmental Manager

CHAIR
Dow Constantine
King County Executive

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Fife Mayor

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Girmay Zahilay
King County Council Vice Chair

INTERIM
CHIEF EXECUTIVE OFFICER
Goran Sparrman

Central Puget Sound Regional Transit Authority • Union Station
401 S. Jackson St., Seattle, WA 98104-2826 • Reception: (206) 398-5000 • FAX: (206) 398-5499
www.soundtransit.org

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Sound Transit and the United States Department of Transportation - Federal Transit Administration are committed to ensuring that information is available in appropriate alternative formats to meet the requirements of persons who have a disability. If you require an alternative version of this file, please contact FTAWebAccessibility@dot.gov.

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TACOMA DOME LINK EXTENSION
KING AND PIERCE COUNTIES, WASHINGTON
DRAFT ENVIRONMENTAL IMPACT STATEMENT

Submitted pursuant to
the National Environmental Policy Act (NEPA) (42 United States Code 4321)
and the State Environmental Policy Act (SEPA) (Ch. 43.21C Revised Code of Washington)
by the

UNITED STATES DEPARTMENT OF TRANSPORTATION
FEDERAL TRANSIT ADMINISTRATION
and
CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY
(Sound Transit)
in cooperation with
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF INDIAN AFFAIRS
U.S. ARMY CORPS OF ENGINEERS
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
CITY OF FEDERAL WAY
CITY OF MILTON
CITY OF FIFE
CITY OF TACOMA

10/31/2024
Date of Approval

Signed by:
Susan Fletcher
F6BB9953F95147F...
Susan Fletcher, Regional Administrator
NEPA Responsible Official
For Federal Transit Administration, Region 10

10/31/2024
Date of Approval

Signed by:
Perry Weinberg
6F2812D72BD5439...
Perry Weinberg
Deputy Executive Director
Office of Environmental Affairs and Sustainability
SEPA Responsible Official
For Sound Transit

Acknowledgement

As we plan and build one of the largest transit expansions in North America, which includes the first light rail transit extension on reservation lands in the history of the United States, we are dedicated to our Tribal partners. We would first like to acknowledge the people who have been here since time immemorial: the Puyallup Tribe of Indians, the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, and the Confederated Tribes and Bands of the Yakama Nation. The relationships with these Tribes are imperative for success and to keep our commitment to uplifting Tribal communities with every step we take.

FACT SHEET

Proposed Action

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing to expand the regional light rail system south from the City of Federal Way to Tacoma, Washington. The proposed light rail extension, called the Tacoma Dome Link Extension (TDLE), would be within the cities of Federal Way, Milton, Fife, and Tacoma in King and Pierce Counties. The project travels across the ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians) and a small portion of unincorporated Pierce County.

The Federal Transit Administration (FTA) and Sound Transit are consulting with four Tribes for the TDLE project: the Puyallup Tribe of Indians; the Muckleshoot Indian Tribe; the Nisqually Indian Tribe; and the Confederated Tribes and Bands of the Yakama Nation.

The proposed project is part of the Sound Transit 3 Plan, funding for which was approved by voters in 2016 (Sound Transit 2016). TDLE would begin at the future South Federal Way Station in Federal Way and end in the Tacoma Dome area of Tacoma. The nearly 10-mile-long project corridor would have four stations and generally parallel State Route (SR) 99 and Interstate 5 (I-5), which are the major north-south routes.

FTA is the lead federal agency under the National Environmental Policy Act (NEPA) and Sound Transit is the lead agency under the Washington State Environmental Policy Act (SEPA). This Draft Environmental Impact Statement (EIS) has been prepared consistent with NEPA and SEPA. The analysis is designed to help Tribes, elected officials, agency decision-makers, community leaders, and the public understand the range of environmental impacts that could result from the proposal. The Draft EIS describes potential adverse impacts of each alternative and describes proposed measures to avoid, minimize, or mitigate potential adverse impacts. The Draft EIS identifies a preferred alternative for a portion of the project, with the exception of sections through Federal Way and Fife. The Sound Transit Board will identify a preferred alternative for the remaining portion through Federal Way and Fife and confirm or modify the preferred alternative after publication of the Draft EIS.

This Draft EIS evaluates several build (light rail) alternatives and a No-Build Alternative, which considers how the transportation system would operate if the proposed project were not built. The No-Build Alternative also provides a baseline against which to measure the impacts of the build alternatives. The build alternatives include at-grade and elevated light rail alignments with different station configurations.

Project Proponent

Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826
www.soundtransit.org

Dates of Construction and Opening

Sound Transit proposes to begin construction of TDLE in 2028 and forecasts an in-service date of 2035. Parking facilities at the South Federal Way and Fife stations would open by 2038 per the system expansion realignment plan adopted by Sound Transit Board Resolution R2021-05.

NEPA Lead Agency

Federal Transit Administration
915 2nd Avenue, Suite 3192
Seattle, WA 98174-1002
www.fta.dot.gov/about/region10

NEPA Responsible Official

Susan Fletcher, Regional Administrator
Federal Transit Administration Region 10
915 2nd Avenue, Suite 3192
Seattle, WA 98174-1002

SEPA Responsible Official

Perry Weinberg, Deputy Executive Director, Office of Environmental Affairs and Sustainability
Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826

Contacts for Additional Information

Federal Transit Administration

Erin Littauer, Environmental Protection Specialist
Federal Transit Administration Region 10
915 2nd Avenue, Suite 3192
Seattle, WA 98174-1002
206-220-7954
erin.littauer@dot.gov

Sound Transit

Erin Green, South Corridor Environmental Manager, 206-398-5464
erin.green@soundtransit.org

Elma Borbe, Senior Environmental Planner, 206-398-5445
elma.borbe@soundtransit.org

Artie Nelson, Senior Community Engagement Specialist, 206-398-5071
artie.nelson@soundtransit.org

Mailing Address:
Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826

Anticipated Permits and Approvals

Tribes

Puyallup Tribe of Indians

- Land use and environmental review and approvals in accordance with Puyallup Tribal Code Chapter 15.16
- Clean Water Act Section 401 review of Water Quality Certification
- Intergovernmental Agreement

Federal Agencies

Federal Highway Administration (FHWA)

- Air Space Lease for Use of Interstate Right-of-Way
- Limited Access Break
- Operations and Maintenance Agreement
- NEPA Record of Decision (ROD)
- Design Deviation Approval
- I-5 Compatibility Report

Federal Transit Administration (FTA)

- NEPA Final EIS and ROD
- National Historic Preservation Act Section 106 Review
- United States Department of Transportation Act Section 4(f) Review
- Land and Water Conservation Fund Section 6(f) Review

Federal Emergency Management Agency (FEMA)

- Conditional Letter of Map Revision (CLOMR), if needed
- Letter of Map Revision (LOMR), if needed

U.S. Army Corps of Engineers

- Clean Water Act, Section 404 Permit: Wetlands Approval
- Rivers and Harbors Act, Section 10
- United States Code Title 33 Section 408 (Section 408 Review)

U.S. Coast Guard

- Rivers and Harbors Act, Section 9 (Bridge Permit)

U.S. Department of the Interior

- Bureau of Indian Affairs, record Tribal easements
- National Historic Preservation Act Section 106 Review
- U.S. Department of Transportation Act Section 4(f) Review
- Land and Water Conservation Fund Section 6(f)

U.S. Environmental Protection Agency

- Sole Source Aquifer, project review

U.S. Fish and Wildlife Service

- Federal Endangered Species Act Review

National Parks Service

- U.S. Department of Transportation Act Section 4(f) Review

National Oceanic and Atmospheric Administration Fisheries Service

- Federal Endangered Species Act Review
- Essential Fish Habitat Review
- Marine Mammal Protection Act Review

State, County, and Regional Agencies

Sound Transit

- SEPA Project Approval

Washington Department of Fish and Wildlife

- Hydraulic Project Approval

Washington State Department of Archaeology and Historic Preservation

- National Historic Preservation Act Section 106 Review

Washington State Department of Ecology

- Clean Water Act Section 401: Water Quality Certification
- Coastal Zone Management Consistency Certification
- National Pollutant Discharge Elimination System Stormwater Discharge Permit, Clean Water Act Section 402
- Underground Storage Tank 30-Day Notice
- Wastewater Discharge Permit

Washington State Department of Ecology and Puget Sound Clean Air Agency

- Notice of Construction (Air Quality)

Washington State Department of Natural Resources

- Aquatic Lands Lease

Washington State Department of Transportation

- Air Space Lease: State Transportation Routes and Interstate Right-of-Way (with FHWA)
- Construction Oversight Agreement
- Utility Franchise
- Design Documentation Package
- General Permits
- Limited Access Break (with FHWA), if needed
- Operations and Maintenance Agreement (with FHWA)
- Survey Permits
- I-5 Compatibility Report (with FHWA)

Local Jurisdictions

Federal Way, Milton, Fife, Tacoma, and/or Pierce County

- Land Use Approvals, such as zoning code amendments, zoning code divergences (variance and/or various administrative processes), Hearing Examiner approval, conditional use permits, special use permits, design review approvals, site plan approvals, lot boundary adjustment/elimination, and development agreements
- Building Permits, such as building, mechanical, plumbing, electrical, sign, fence, awning, and conveyance (elevators and/or escalators) permits
- Construction Permits, such as clearing and grading, demolition, drainage, driveway, haul route, sanitary sewer, side sewer, street use, and tree protection permits
- Environmental Critical Areas/Sensitive Areas Review and Approvals, including wetlands, streams, steep slopes, flood zones, critical habitat, and buffers
- Shoreline Approvals, such as substantial development permits, exemptions, or other approvals
- Noise Variances
- Permanent, Interim, or Temporary Right-of-Way Permits or Franchises (utilities)
- Street and Alley Vacations
- Access or Use Easements for City-Owned Properties
- Floodplain Development License

Other

Utility Providers

- Pipeline and Utility Crossing Permits
- Easements and Use Agreements

Other permits and approvals to be determined.

Principal Contributors

This Draft EIS was prepared by Sound Transit and consultants at the following firms: HDR Inc., Parametrix, Aqua Terra Cultural Resource Consultants LLC, Casseday Consulting, Cross-Spectrum Acoustics LLC, Heffron Transportation Inc., Historical Research Associates, ECONorthwest, EnviroIssues Inc., and TwoHundred. See Appendix A for a detailed list of preparers.

Date of Issue

December 13, 2024

Commenting on the Draft EIS

The public is encouraged to comment on the Draft EIS; substantive comments will be responded to in the Final EIS. The Draft EIS will be available for a comment period of 60 days, beginning December 13, 2024. Comments on the Draft EIS can be made in writing, by email, voicemail, or at the public hearings. All comments are due by close of business February 10, 2025. Send written comments to the following address:

Attention: Elma Borbe, Senior Environmental Planner
Sound Transit
401 S Jackson Street
Seattle, WA 98104

Email comments should be sent to tdlinkdeis@soundtransit.org. Written or emailed comments should include your name and return address. Comments may also be submitted on voicemail at 206-257-2144, online in the project's Open House (soundtransit.org/tdlink-deis), and at a public hearing/open house:

Tuesday January 21, 2025 – ONLINE OPEN HOUSE

Time: 11:30 a.m.-1:30 p.m.

Online: https://us02web.zoom.us/j/85314895495

Thursday January 23, 2025 – TACOMA

Time: 5:30-7:30 p.m.

Location: Greater Tacoma Convention Center

1500 Commerce Street, Tacoma, WA 98402

Tuesday January 28, 2025 – FEDERAL WAY

Time: 5:30-7:30 p.m.

Location: Federal Way Performing Arts and Events Center

31510 Pete von Reichbauer Way S, Federal Way, WA 98003

Thursday January 30, 2025 – FIFE

Time: 5:30-7:30 p.m.

Location: Fife Community Center

2111 54th Avenue E, Fife, WA 98424

Next Actions

Following publication of this Draft EIS and the close of the public comment period, the Sound Transit Board is expected to consider the comments received and confirm or modify the Preferred Alternative for evaluation in the Final EIS, as well as identify a Preferred Alternative for the portion of the project in the cities of Federal Way and Fife, where none has been identified. The Final EIS will analyze the Preferred Alternative along with the other proposed light rail alternatives and the No-Build Alternative. The Final EIS will also respond to substantive Tribal, agency, and public comments on the Draft EIS. Following issuance of the Final EIS, the Sound Transit Board will select the project to be built, including the route and stations.

The FTA will then issue a ROD describing the project Sound Transit will build and how it will avoid, minimize, and mitigate environmental impacts.

Related Documents

- Final Supplemental Environmental Impact Statement, Long-Range Plan Update (Sound Transit 2014)
- Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 2016)
- Tacoma Dome Link Extension Early Scoping Information Report (Sound Transit 2018a)
- Tacoma Dome Link Extension Early Scoping Summary Report (Sound Transit 2018b)
- Tacoma Dome Link Extension Pre-Screening and Level 1 Alternatives Evaluation Report (Sound Transit 2019a)
- Tacoma Dome Link Extension Scoping Information Report (Sound Transit 2019b)
- Tacoma Dome Link Extension Scoping Summary Report (Sound Transit 2019c)
- Tacoma Dome Link Extension Level 2 Alternatives Evaluation Report (Sound Transit 2019d)
- Tacoma Dome Link Extension Screening for Fife Station Options (Sound Transit 2023a)
- Tacoma Dome Link Extension Screening for Additional Alternatives in South Federal Way to Milton (Sound Transit 2023b)

All the above Sound Transit documents are available on the Sound Transit website, www.soundtransit.org.

Cost of Document and Availability for Review and/or Purchase

This Draft EIS is available for public review in locations listed below. It is available on the Sound Transit website (https://www.soundtransit.org/system-expansion/tacoma-dome-link-extension/documents). Paper copies are available for the cost listed below, which does not exceed the cost of reproduction:

- Executive Summary – free
- Draft EIS – $25
- Technical Reports – $15 each
- Conceptual Design Drawings (Appendix F) – $15

To request paper copies or a flash drive of the documents, please contact Dominique Jones at 206-689-4783 or email dominique.jones@soundtransit.org. To review the documents at the Sound Transit Office, please call the Sound Transit librarian at 206-398-5344 weekdays from 8 a.m. to 5 p.m. to arrange an appointment.

Paper copies of the Draft EIS documents are also available for review at the following public places:

King County Library System:

- Federal Way 320th Library, 848 S 320th Street, Federal Way
- Federal Way Library, 34200 1st Way S, Federal Way

Pierce County Library System

- Fife Pierce County Library, 6622 20th Street E, Fife
- Milton/Edgewood Library, 900 Meridian E, Suite 29, Milton
- Tacoma Public Library, Mottet Branch, 3523 East G Street, Tacoma

Government and Community Centers

- Federal Way City Hall, 33325 8th Avenue S, Federal Way
- Federal Way Community Center, 876 S 333rd Street, Federal Way
- Milton City Hall/Milton Activity Center, 1000 Laurel Street, Milton
- Fife City Hall, 5411 23rd Street E, Fife
- Puyallup Tribe of Indians Tribal Headquarters, 3009 Portland Avenue E, Tacoma
- Tacoma City Hall, 747 Market Street, Tacoma
- Eastside Community Center (East Tacoma), 1721 E 56th Street, Tacoma

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- I2 Scoping Summary Report
- I3 Pre-Screening and Level 1 Alternatives Evaluation Report
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- J5 Historical and Archaeological Resources Technical Report

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

EXECUTIVE SUMMARY

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

Docusign Envelope ID: 0112EB53-EA53-4B1F-889D-59A8A100BD04

SOUNDTRANSIT

December 13, 2024

Dear Recipient:

The U.S. Department of Transportation Federal Transit Administration (FTA) and Sound Transit (the Central Puget Sound Regional Transit Authority) have prepared this Draft Environmental Impact Statement (EIS) on the proposed Tacoma Dome Link Extension Project. The Draft EIS informs Tribes, the public, agencies, and decision makers about the alternatives and environmental consequences of building and operating the Tacoma Dome Link Extension from the City of Federal Way in King County to Tacoma in Pierce County. The document was prepared pursuant to the National Environmental Policy Act (42 United States Code 4321) and the State Environmental Policy Act (Chapter 43.21C Revised Code of Washington). Sound Transit is the project proponent.

In July 2019, the Sound Transit Board identified the alternatives for study in the Draft EIS, including preferred alternatives for the majority of the Tacoma Dome Link Extension. In March 2023, the Sound Transit Board identified additional alternatives for study. The major choices for the project involve the route of the light rail line and station locations. The project would extend Link light rail nearly 10-miles and includes four stations. The alternatives are generally along either Pacific Highway (State Route 99) or Interstate 5 from Federal Way through Fife. All Alternatives would cross the Puyallup River at the same location and follow a similar route to about East Portland Avenue in Tacoma. The alternatives then split into multiple routes between East 25th Street and East 26th Street.

The Sound Transit Board will consider the analysis in the Draft EIS, Tribal, public and agency comments, and other information before confirming or modifying the preferred alternative. FTA and Sound Transit will prepare a Final EIS, which will respond to substantive comments on the Draft EIS and will evaluate impacts and potential mitigation measures for all of the alternatives. After completion of the Final EIS, the Sound Transit Board will select the project to be built.

The Draft EIS includes the Executive Summary and appendices, which can be found on the flash drive included in this document and online at www.soundtransit.org/system-expansion/tacoma-dome-link-extension/documents. Please see the Fact Sheet in this Draft EIS regarding availability of appendices and technical report hard copies, information on public meetings, and how to comment on the Draft EIS, and whom to contact for further information.

Sincerely,

Signed by:
Erin Green
C2707795F35745D...

Erin Green
South Corridor Environmental Manager

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King County Executive

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King County Council Vice Chair

INTERIM
CHIEF EXECUTIVE OFFICER
Goran Sparrman

Central Puget Sound Regional Transit Authority • Union Station
401 S. Jackson St., Seattle, WA 98104-2826 • Reception: (206) 398-5000 • FAX: (206) 398-5499
www.soundtransit.org

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TACOMA DOME LINK EXTENSION
KING AND PIERCE COUNTIES, WASHINGTON
DRAFT ENVIRONMENTAL IMPACT STATEMENT

Submitted pursuant to
the National Environmental Policy Act (NEPA) (42 United States Code 4321)
and the State Environmental Policy Act (SEPA) (Ch. 43.21C Revised Code of Washington)
by the
UNITED STATES DEPARTMENT OF TRANSPORTATION
FEDERAL TRANSIT ADMINISTRATION
and
CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY
(Sound Transit)
in cooperation with
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF INDIAN AFFAIRS
U.S. ARMY CORPS OF ENGINEERS
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
CITY OF FEDERAL WAY
CITY OF MILTON
CITY OF FIFE
CITY OF TACOMA

10/31/2024
Date of Approval

Signed by:
Susan Fletcher
F6BB9953F95147F...

Susan Fletcher, Regional Administrator
NEPA Responsible Official
For Federal Transit Administration, Region 10

10/31/2024
Date of Approval

Signed by:
Perry Weinberg
6F2812D72BD5439...

Perry Weinberg
Deputy Executive Director
Office of Environmental Affairs and Sustainability
SEPA Responsible Official
For Sound Transit

Acknowledgement

As we plan and build one of the largest transit expansions in North America, which includes the first light rail transit extension on reservation lands in the history of the United States, we are dedicated to our Tribal partners. We would first like to acknowledge the people who have been here since time immemorial: the Puyallup Tribe of Indians, the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, and the Confederated Tribes and Bands of the Yakama Nation. The relationships with these Tribes are imperative for success and to keep our commitment to uplifting Tribal communities with every step we take.

FACT SHEET

Proposed Action

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing to expand the regional light rail system south from the City of Federal Way to Tacoma, Washington. The proposed light rail extension, called the Tacoma Dome Link Extension (TDLE), would be within the cities of Federal Way, Milton, Fife, and Tacoma in King and Pierce Counties. The project travels across the ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians) and a small portion of unincorporated Pierce County.

The Federal Transit Administration (FTA) and Sound Transit are consulting with four Tribes for the TDLE project: the Puyallup Tribe of Indians; the Muckleshoot Indian Tribe; the Nisqually Indian Tribe; and the Confederated Tribes and Bands of the Yakama Nation.

The proposed project is part of the Sound Transit 3 Plan, funding for which was approved by voters in 2016 (Sound Transit 2016). TDLE would begin at the future South Federal Way Station in Federal Way and end in the Tacoma Dome area of Tacoma. The nearly 10-mile-long project corridor would have four stations and generally parallel State Route (SR) 99 and Interstate 5 (I-5), which are the major north-south routes.

FTA is the lead federal agency under the National Environmental Policy Act (NEPA) and Sound Transit is the lead agency under the Washington State Environmental Policy Act (SEPA). This Draft Environmental Impact Statement (EIS) has been prepared consistent with NEPA and SEPA. The analysis is designed to help Tribes, elected officials, agency decision-makers, community leaders, and the public understand the range of environmental impacts that could result from the proposal. The Draft EIS describes potential adverse impacts of each alternative and describes proposed measures to avoid, minimize, or mitigate potential adverse impacts. The Draft EIS identifies a preferred alternative for a portion of the project, with the exception of sections through Federal Way and Fife. The Sound Transit Board will identify a preferred alternative for the remaining portion through Federal Way and Fife and confirm or modify the preferred alternative after publication of the Draft EIS.

This Draft EIS evaluates several build (light rail) alternatives and a No-Build Alternative, which considers how the transportation system would operate if the proposed project were not built. The No-Build Alternative also provides a baseline against which to measure the impacts of the build alternatives. The build alternatives include at-grade and elevated light rail alignments with different station configurations.

Project Proponent

Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826
www.soundtransit.org

Dates of Construction and Opening

Sound Transit proposes to begin construction of TDLE in 2028 and forecasts an in-service date of 2035. Parking facilities at the South Federal Way and Fife stations would open by 2038 per the system expansion realignment plan adopted by Sound Transit Board Resolution R2021-05.

NEPA Lead Agency

Federal Transit Administration
915 2nd Avenue, Suite 3192
Seattle, WA 98174-1002
www.fta.dot.gov/about/region10

NEPA Responsible Official

Susan Fletcher, Regional Administrator
Federal Transit Administration Region 10
915 2nd Avenue, Suite 3192
Seattle, WA 98174-1002

SEPA Responsible Official

Perry Weinberg, Deputy Executive Director, Office of Environmental Affairs and Sustainability
Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826

Contacts for Additional Information

Federal Transit Administration

Erin Littauer, Environmental Protection Specialist
Federal Transit Administration Region 10
915 2nd Avenue, Suite 3192
Seattle, WA 98174-1002
206-220-7954
erin.littauer@dot.gov

Sound Transit

Erin Green, South Corridor Environmental Manager, 206-398-5464
erin.green@soundtransit.org

Elma Borbe, Senior Environmental Planner, 206-398-5445
elma.borbe@soundtransit.org

Artie Nelson, Senior Community Engagement Specialist, 206-398-5071
artie.nelson@soundtransit.org

Mailing Address:
Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826

Anticipated Permits and Approvals

Tribes

Puyallup Tribe of Indians

- Land use and environmental review and approvals in accordance with Puyallup Tribal Code Chapter 15.16
- Clean Water Act Section 401 review of Water Quality Certification
- Intergovernmental Agreement

Federal Agencies

Federal Highway Administration (FHWA)

- Air Space Lease for Use of Interstate Right-of-Way
- Limited Access Break
- Operations and Maintenance Agreement
- NEPA Record of Decision (ROD)
- Design Deviation Approval
- I-5 Compatibility Report

Federal Transit Administration (FTA)

- NEPA Final EIS and ROD
- National Historic Preservation Act Section 106 Review
- United States Department of Transportation Act Section 4(f) Review
- Land and Water Conservation Fund Section 6(f) Review

Federal Emergency Management Agency (FEMA)

- Conditional Letter of Map Revision (CLOMR), if needed
- Letter of Map Revision (LOMR), if needed

U.S. Army Corps of Engineers

- Clean Water Act, Section 404 Permit: Wetlands Approval
- Rivers and Harbors Act, Section 10
- United States Code Title 33 Section 408 (Section 408 Review)

U.S. Coast Guard

- Rivers and Harbors Act, Section 9 (Bridge Permit)

U.S. Department of the Interior

- Bureau of Indian Affairs, record Tribal easements
- National Historic Preservation Act Section 106 Review
- U.S. Department of Transportation Act Section 4(f) Review
- Land and Water Conservation Fund Section 6(f)

U.S. Environmental Protection Agency

- Sole Source Aquifer, project review

U.S. Fish and Wildlife Service

- Federal Endangered Species Act Review

National Parks Service

- U.S. Department of Transportation Act Section 4(f) Review

National Oceanic and Atmospheric Administration Fisheries Service

- Federal Endangered Species Act Review
- Essential Fish Habitat Review
- Marine Mammal Protection Act Review

State, County, and Regional Agencies

Sound Transit

- SEPA Project Approval

Washington Department of Fish and Wildlife

- Hydraulic Project Approval

Washington State Department of Archaeology and Historic Preservation

- National Historic Preservation Act Section 106 Review

Washington State Department of Ecology

- Clean Water Act Section 401: Water Quality Certification
- Coastal Zone Management Consistency Certification
- National Pollutant Discharge Elimination System Stormwater Discharge Permit, Clean Water Act Section 402
- Underground Storage Tank 30-Day Notice
- Wastewater Discharge Permit

Washington State Department of Ecology and Puget Sound Clean Air Agency

- Notice of Construction (Air Quality)

Washington State Department of Natural Resources

- Aquatic Lands Lease

Washington State Department of Transportation

- Air Space Lease: State Transportation Routes and Interstate Right-of-Way (with FHWA)
- Construction Oversight Agreement
- Utility Franchise
- Design Documentation Package
- General Permits
- Limited Access Break (with FHWA), if needed
- Operations and Maintenance Agreement (with FHWA)
- Survey Permits
- I-5 Compatibility Report (with FHWA)

Local Jurisdictions

Federal Way, Milton, Fife, Tacoma, and/or Pierce County

- Land Use Approvals, such as zoning code amendments, zoning code divergences (variance and/or various administrative processes), Hearing Examiner approval, conditional use permits, special use permits, design review approvals, site plan approvals, lot boundary adjustment/elimination, and development agreements
- Building Permits, such as building, mechanical, plumbing, electrical, sign, fence, awning, and conveyance (elevators and/or escalators) permits
- Construction Permits, such as clearing and grading, demolition, drainage, driveway, haul route, sanitary sewer, side sewer, street use, and tree protection permits
- Environmental Critical Areas/Sensitive Areas Review and Approvals, including wetlands, streams, steep slopes, flood zones, critical habitat, and buffers
- Shoreline Approvals, such as substantial development permits, exemptions, or other approvals
- Noise Variances
- Permanent, Interim, or Temporary Right-of-Way Permits or Franchises (utilities)
- Street and Alley Vacations
- Access or Use Easements for City-Owned Properties
- Floodplain Development License

Other

Utility Providers

- Pipeline and Utility Crossing Permits
- Easements and Use Agreements

Other permits and approvals to be determined.

Principal Contributors

This Draft EIS was prepared by Sound Transit and consultants at the following firms: HDR Inc., Parametrix, Aqua Terra Cultural Resource Consultants LLC, Casseday Consulting, Cross-Spectrum Acoustics LLC, Heffron Transportation Inc., Historical Research Associates, ECONorthwest, EnviroIssues Inc., and TwoHundred. See Appendix A for a detailed list of preparers.

Date of Issue

December 13, 2024

Commenting on the Draft EIS

The public is encouraged to comment on the Draft EIS; substantive comments will be responded to in the Final EIS. The Draft EIS will be available for a comment period of 60 days, beginning December 13, 2024. Comments on the Draft EIS can be made in writing, by email, voicemail, or at the public hearings. All comments are due by close of business February 10, 2025. Send written comments to the following address:

Attention: Elma Borbe, Senior Environmental Planner
Sound Transit
401 S Jackson Street
Seattle, WA 98104

Email comments should be sent to tdlinkdeis@soundtransit.org. Written or emailed comments should include your name and return address. Comments may also be submitted on voicemail at 206-257-2144, online in the project's Open House (soundtransit.org/tdlink-deis) and at a public hearing/open house:

Tuesday January 21, 2025 – ONLINE OPEN HOUSE

Time: 11:30 a.m.-1:30 p.m.

Online: https://us02web.zoom.us/j/85314895495

Thursday January 23, 2025 – TACOMA

Time: 5:30-7:30 p.m.

Location: Greater Tacoma Convention Center

1500 Commerce Street, Tacoma, WA 98402

Tuesday January 28, 2025 – FEDERAL WAY

Time: 5:30-7:30 p.m.

Location: Federal Way Performing Arts and Events Center

31510 Pete von Reichbauer Way S, Federal Way, WA 98003

Thursday January 30, 2025 – FIFE

Time: 5:30-7:30 p.m.

Location: Fife Community Center

2111 54th Avenue E, Fife, WA 98424

Next Actions

Following publication of this Draft EIS and the close of the public comment period, the Sound Transit Board is expected to consider the comments received and confirm or modify the Preferred Alternative for evaluation in the Final EIS, as well as identify a Preferred Alternative for the portion of the project in the cities of Federal Way and Fife, where none has been identified. The Final EIS will analyze the Preferred Alternative along with the other proposed light rail alternatives and the No-Build Alternative. The Final EIS will also respond to substantive Tribal, agency, and public comments on the Draft EIS. Following issuance of the Final EIS, the Sound Transit Board will select the project to be built, including the route and stations.

The FTA will then issue a ROD describing the project Sound Transit will build and how it will avoid, minimize, and mitigate environmental impacts.

Related Documents

- Final Supplemental Environmental Impact Statement, Long-Range Plan Update (Sound Transit 2014)
- Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 2016)
- Tacoma Dome Link Extension Early Scoping Information Report (Sound Transit 2018a)
- Tacoma Dome Link Extension Early Scoping Summary Report (Sound Transit 2018b)
- Tacoma Dome Link Extension Pre-Screening and Level 1 Alternatives Evaluation Report (Sound Transit 2019a)
- Tacoma Dome Link Extension Scoping Information Report (Sound Transit 2019b)
- Tacoma Dome Link Extension Scoping Summary Report (Sound Transit 2019c)
- Tacoma Dome Link Extension Level 2 Alternatives Evaluation Report (Sound Transit 2019d)
- Tacoma Dome Link Extension Screening for Fife Station Options (Sound Transit 2023a)
- Tacoma Dome Link Extension Screening for Additional Alternatives in South Federal Way to Milton (Sound Transit 2023b)

All the above Sound Transit documents are available on the Sound Transit website, www.soundtransit.org.

Cost of Document and Availability for Review and/or Purchase

This Draft EIS is available for public review in locations listed below. It is available on the Sound Transit website (https://www.soundtransit.org/system-expansion/tacoma-dome-link-extension/documents). Paper copies are available for the cost listed below, which does not exceed the cost of reproduction:

- Executive Summary – free
- Draft EIS – $25
- Technical Reports – $15 each
- Conceptual Design Drawings (Appendix F) – $15

To request paper copies or a flash drive of the documents, please contact Dominique Jones at 206-689-4783 or email dominique.jones@soundtransit.org. To review the documents at the Sound Transit Office, please call the Sound Transit librarian at 206-398-5344 weekdays from 8 a.m. to 5 p.m. to arrange an appointment.

Paper copies of the Draft EIS documents are also available for review at the following public places:

King County Library System:

- Federal Way 320th Library, 848 S 320th Street, Federal Way
- Federal Way Library, 34200 1st Way S, Federal Way

Pierce County Library System

- Fife Pierce County Library, 6622 20th Street E, Fife
- Milton/Edgewood Library, 900 Meridian E, Suite 29, Milton
- Tacoma Public Library, Mottet Branch, 3523 East G Street, Tacoma

Government and Community Centers

- Federal Way City Hall, 33325 8th Avenue S, Federal Way
- Federal Way Community Center, 876 S 333rd Street, Federal Way
- Milton City Hall/Milton Activity Center, 1000 Laurel Street, Milton
- Fife City Hall, 5411 23rd Street E, Fife
- Puyallup Tribe of Indians Tribal Headquarters, 3009 Portland Avenue E, Tacoma
- Tacoma City Hall, 747 Market Street, Tacoma
- Eastside Community Center (East Tacoma), 1721 E 56th Street, Tacoma

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Executive Summary

ES.1 Introduction

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing to build and operate the Tacoma Dome Link Extension (TDLE). TDLE would expand the regional light rail system approximately 10 miles south from the City of Federal Way in King County to Tacoma in Pierce County (Figure ES-1). TDLE would primarily have an elevated light rail profile and would include four stations. One station would be located in the South Federal Way area, one in the Fife area, and two in the Tacoma area. The project would also include a rail-only fixed-span bridge crossing the Puyallup River and two parking facilities (surface or structured parking) of approximately 500 stalls each at the stations in South Federal Way and Fife.

The TDLE corridor is located in the cities of Federal Way, Milton, Fife, and Tacoma and parts of King and Pierce counties, and it passes just south of the Port of Tacoma. The TDLE corridor crosses the ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians) as well as its treaty-protected Usual and Accustomed Areas and Adjudicated Hunting and Fishing Grounds. The Puyallup Tribe of Indians is a federally recognized American Indian Tribe (Tribe) and, as a sovereign nation, government-to-government consultation is required with the Federal Transit Administration (FTA) as the lead federal agency before any project affecting their lands, treaty rights, or interests can be undertaken. In addition, FTA has initiated government-to-government consultation with the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, and the Confederated Tribes and Bands of the Yakama Nation (Yakama Nation), who also have Usual and Accustomed Areas and/or cultural resources interest in the project area.

FTA and Sound Transit have concluded that the project has the potential to result in significant environmental effects and an Environmental Impact Statement (EIS) is required under the National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA). The EIS is a joint NEPA and SEPA document. FTA is the lead federal agency under NEPA, and Sound Transit is the lead agency for SEPA. Various alternatives to develop light rail in the corridor have been considered, evaluated, and compared with each other in this Draft EIS. This Executive Summary presents key findings of potential impacts and mitigation measures associated with the project alternatives.

TDLE is the result of many years of regional planning and system development. In 1996, Sound Transit's Regional Transit Long-Range Vision identified a potential future light rail extension between Federal Way and Tacoma (Sound Transit 1996). The planning for TDLE developed as an element of Sound Transit 3, The Regional Transit System Plan for the Central Puget Sound, (Figure ES-2). TDLE would help implement the Puget Sound Regional Council's (PSRC) VISION 2050 (PSRC 2020) and Sound Transit's 2014 Regional Transit Long-Range Plan. Furthermore, TDLE would complete the southern segment of the long-envisioned regional light rail spine connecting the Central Puget Sound Region from Tacoma to Everett. A new light rail maintenance facility, the Operations and Maintenance Facility (OMF) South, would support the overall Sound Transit 3 regional system expansion, including TDLE. Sound Transit and FTA completed environmental review for OMF South with publication of the Final NEPA/SEPA EIS in June 2024, and issuance of FTA's Record of Decision (ROD) in August 2024.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE ES-1
Project Vicinity

Tacoma Dome Link Extension

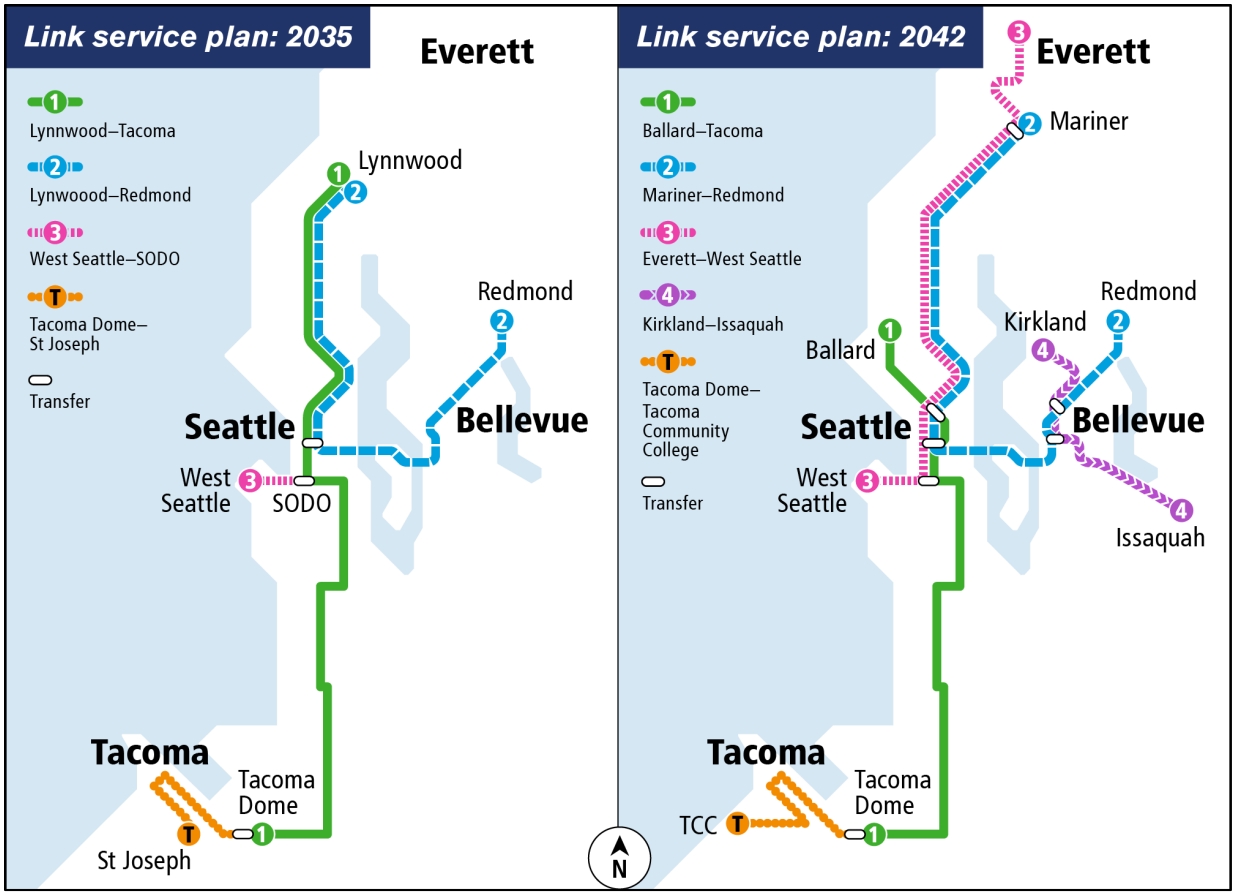

Figure ES-2 Link Light Rail System Expansion*

*2042 is the current targeted schedule for completion of Sound Transit 3 projects.

PSRC's VISION 2050 anticipates population and employment in the Puget Sound region will continue to grow over the next 30 years (PSRC 2020). TDLE is an important component to achieving the regional growth plan, which envisions increasing transit ridership and concentrating new residences and jobs around high-capacity transit. To accommodate growth, TDLE would provide fast, reliable light rail connections to dense residential and job centers in the south Puget Sound area. Existing local transit connections in the project corridor include bus (Pierce Transit and King County Metro), light rail (T Line), and Sounder commuter rail services. Tacoma Dome Station, in particular, is a major transit hub, providing local and regional bus service, Sounder, T Line, and Amtrak passenger rail service, along with park-and-ride facilities.

The current long-range growth forecasts from PSRC inform elements of the Draft EIS analyses, such as ridership forecasts, projected vehicle trips, and nonmotorized activities.

Figure ES-3 shows the project milestones for TDLE. The schedule for final design, construction, and operation will be refined as the project nears the end of environmental review. As a result of reduced revenue resulting from the COVID-19 pandemic and higher real estate and construction costs, Sound Transit will not be able to deliver all Sound Transit 3 expansion projects on their original timelines. In August 2021, the Sound Transit Board (Board) adopted Resolution R2021-05, referred to as the system expansion realignment plan. The plan serves as a framework for delivering projects efficiently while addressing the affordability gap. The resolution establishes a target for beginning TDLE operations in 2032; however, due to the additional alternatives analysis

identified in Motion M2023-19, the beginning of operation is now projected to be later, in 2035. The resolution establishes affordable completion dates for parking facilities at both Fife and Federal Way stations in 2038, approximately 3 years after their forecasted in-service date. The realignment plan establishes an annual program review to evaluate cost savings and additional funding opportunities for the system expansion. As part of the annual program review, it directs Sound Transit staff to "identify opportunities and make recommendations to deliver flexible, innovative and affordable methods to get people to transit stations if structured parking facilities have to be delayed." If opportunities are identified and funding is available, parking facilities could potentially be completed before 2038.

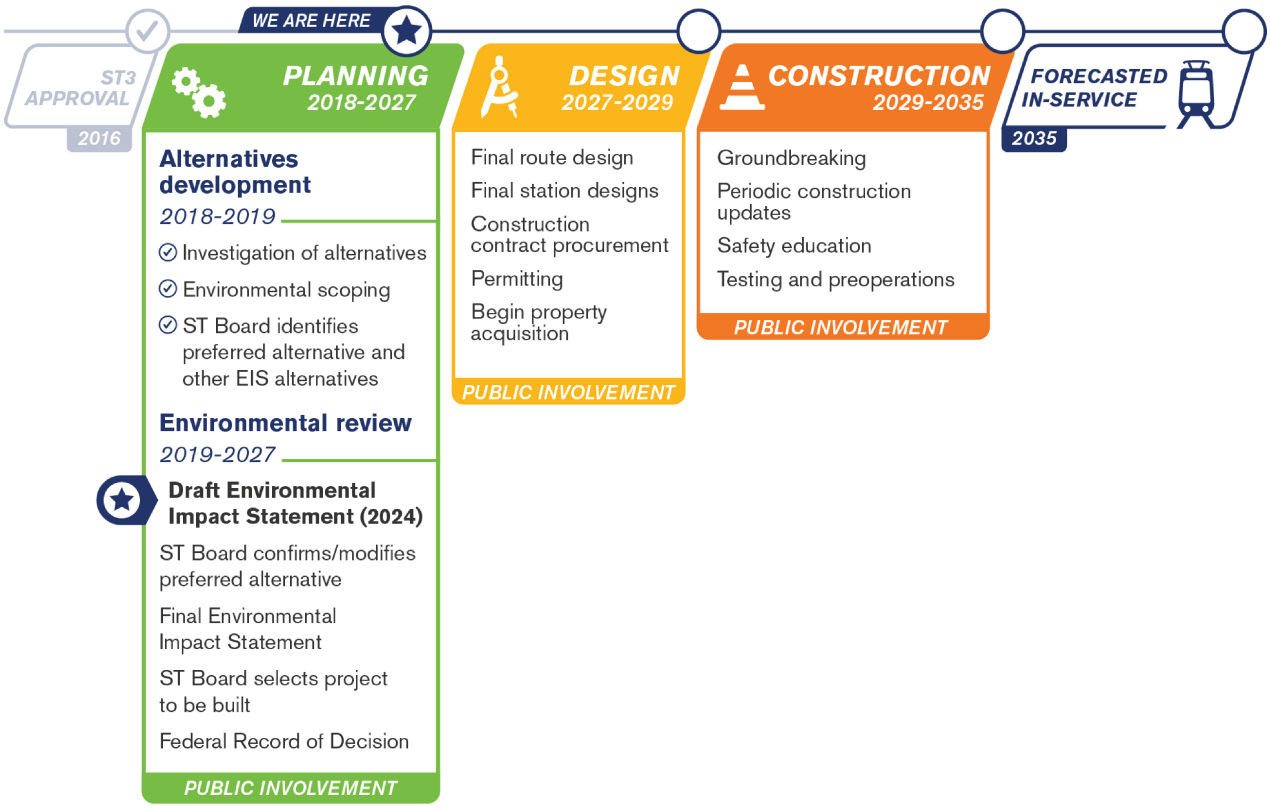

Figure ES-3 Project Milestones

ES.2 Purpose and Need

ES.2.1 Purpose of TDLE

The purpose of TDLE is to expand the Link light rail system from the Federal Way Downtown Station to the Tacoma Dome Station area in order to:

- Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the Sound Transit 3 Plan (Sound Transit 2016a).
- Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Downtown Station to the Tacoma Dome Station area to meet projected transit demand.

- Connect the lands of the Puyallup Tribe of Indians and the cities of Federal Way, Milton, Fife, Tacoma to regional centers and destinations on the regional high-capacity transit system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014).
- Implement a system that is technically and financially feasible to build, operate, and maintain.
- Expand mobility for the corridor and region's residents, which include transit-dependent, low-income, and minority populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Equitable Transit Oriented Development Policy and Sustainability policies (Sound Transit 2018 and 2019).
- Encourage convenient and safe nonmotorized access to stations, such as bicycle and pedestrian connections, consistent with Sound Transit's System Access Policy (Sound Transit 2013).
- Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.

ES.2.2 Need for TDLE

The project is needed because:

- Chronic roadway congestion on Interstate 5 (I-5) and State Route (SR) 99 — two primary north-south highways connecting communities along the corridor — delays today's travelers, including those using transit, and degrades the reliability of bus service traversing the corridor, particularly during commute periods.
- These chronic, degraded traffic conditions are expected to continue to worsen as the region's population and employment grow.
- PSRC, the regional metropolitan planning organization, and local plans call for high-capacity transit in the corridor consistent with VISION 2050 (PSRC 2020) and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014).
- South King and Pierce county residents and communities, including transit-dependent, low income, and minority populations, need long-term regional mobility and multimodal connectivity, as called for in the Washington State Growth Management Act (Revised Code of Washington [RCW] 36.70A.108).

VISION 2050 on the COVID-19 pandemic and the Continuing Importance of Transit

Over the last decade, transit ridership has experienced robust growth, with the central Puget Sound region being one of only four regions across the country with consistent growth in transit boardings. While the COVID-19 pandemic caused sudden and dramatic drops in transit ridership and revenue and accelerated remote work environments, VISION 2050 growth assumptions, which is the basis for this Draft EIS, remains the same. Transit will continue to be a critical element for mobility as the region grows over the next 30 years.

The region's historic investment in transit, and continued investments across modes, are critical due to the increases in congestion and travel delay seen in the region over the past decade. Since 2010, the region has grown by over 440,000 residents and 381,000 jobs. Prior to the COVID-19 pandemic, delay on the region's freeway corridors had increased more than 50 percent since 2014, and the average travel time to work had continued to steadily increase across all modes, averaging around 30 minutes. Notably, the share of commuters with travel times over 60 minutes increased steeply and was higher than the share of commuters with travel times less than 10 minutes.

- Regional and local plans call for increased residential and/or employment density at and around high-capacity transit stations and for increased options for multimodal access.
- Environmental and sustainability goals of the State and region, as established in Washington state law and embodied in PSRC's VISION 2050 and the Regional Transportation Plan – 2018 (PSRC 2018), include reducing greenhouse gas (GHG) emissions by decreasing vehicle miles traveled (VMT).

Chapter 1 of the Draft EIS describes the need for TDLE in greater detail.

ES.2.3 TDLE Meets the Need

The Puget Sound region has experienced tremendous growth, resulting in key roadway corridors between Federal Way and Tacoma being at or near capacity before the COVID-19 pandemic. Traffic volumes on these roadway corridors have returned to pre-pandemic levels. During the PM peak period, southbound traffic (the peak direction during the PM peak hour) is at or close to capacity between South Federal Way and Tacoma, even in the high-occupancy vehicle lane, resulting in travel delay for transit vehicles and general-purpose traffic. Congestion on I-5, SR 99, and key arterials is expected to increase and reduce bus service performance and reliability. Even with planned investments in both regional and local road improvement projects in the future, traffic is expected to worsen and increase travel time and delay. Any of the TDLE build alternatives would reduce overall regional VMT by approximately 228,000 miles per day and vehicle hours traveled by approximately 15,000 hours per day compared to the No-Build Alternative. With TDLE operating in the corridor, light rail would provide a reliable, congestion -free alternative to bus transit and single-occupancy vehicles by operating in exclusive right-of-way without the potential for at-grade crossing conflicts.

All TDLE build alternatives would provide a transit option for people to avoid chronic roadway congestion and travel delay on congested regional roadways such as I-5 and SR 99 by improving transit service frequency, reliability, and capacity with frequent two-way service on exclusive right-of-way for 21 hours a day. TDLE would connect south Puget Sound communities in Federal Way, Milton, Fife, Tacoma, the Puyallup Tribe of Indians, and surrounding cities with many Puget Sound regional destinations and growth centers, including Seattle-Tacoma International Airport and Downtown Seattle.

All TDLE build alternatives provide the high-capacity transit that is called for in PSRC, Sound Transit, and local agency plans, including PSRC VISION 2050. The TDLE build alternatives would generate an estimated 24,000 to 36,000 daily transit riders whose trips include using some or all of the TDLE system based on future ridership levels estimated before the pandemic; 11,000 to 16,000 of those would be new transit riders. By connecting the south Puget Sound area to the regional light rail system, TDLE would expand mobility in the corridor for the region's residents, including transit-dependent, low -income, and minority populations. TDLE is anticipated to have an overall positive impact on transit -dependent, low-income, and minority populations living within the study area by increasing transit reliability, access to transit, connectivity, and frequency, especially to those communities near the proposed station areas. Additional economic opportunities for these populations may result from improved connectivity between communities, including new jobs associated with the construction of the project or with new development indirectly spurred by local and regional investment in the light rail.

There are four primary strategies for reducing GHG emissions from transportation sources: 1) improving the transportation system and operational efficiency, 2) reducing passenger vehicle travel activity, 3) transitioning to lower GHG-emitting fuels, and 4) improving vehicle

technologies/efficiency. TDLE is expected to reduce dependency on single-occupancy vehicles, slow growth in VMT, conserve energy, and reduce GHG emissions while helping to achieve Washington State's emissions reduction goals (RCW 70.235.020).

ES.3 Alternatives Considered

This Draft EIS compares the environmental effects of the TDLE alternatives, including a No-Build Alternative that considers the transportation system and the environment as they would exist if the proposed project were not built. The No-Build Alternative also provides a baseline against which to measure the potential impacts of the build alternatives. The TDLE build alternatives were identified by the Board after early scoping, the Alternatives Development process, scoping, and public and agency input.

ES.3.1 Alternatives Development Process

The FTA is relying on the local planning process to inform the environmental review process under NEPA (23 Code of Federal Regulations [CFR] 450.318; NEPA Implementing Regulations 40 CFR Parts 1500-1508), consistent with federal regulations that allow for it, as well as the Moving Ahead for Progress in the 21st Century Act and the Fixing America's Surface Transportation Act that encourage it.

To identify alternatives to study in the TDLE EIS, Sound Transit completed an alternatives development process that began March 28, 2018, when Sound Transit published a notice of early scoping in the SEPA register, which initiated early scoping and started a 30-day comment period. Sound Transit conducted early scoping from April 2 through May 3, 2018. Early scoping is an optional step in the environmental review process intended to generate public, agency, and Tribal review and comments before formally preparing an EIS. Sound Transit asked for comments on:

- The route (alignment), stations, potential alternatives, benefits, and impacts for TDLE.
- The Purpose and Need Statement.

Key Definitions

No-Build Alternative: The No-Build Alternative includes a variety of changes to transit operations, roadways, nonmotorized infrastructure and transit facilities foreseeable in the future, but does not include any TDLE alignment guideway routes and stations.

Alternatives: An alternative is one means of accomplishing a project's purpose and need and, in the case of TDLE, includes guideway routes and stations. The purpose of an Environmental Impact Statement (EIS) is to identify and compare the potential environmental impacts for a range of reasonable alternatives that could be constructed (build alternatives)

Preferred Alternative: A preferred alternative may be identified by an agency in either a Draft or Final EIS. It shows the agency's preference for an alternative based on currently available information. It is not a final determination of what will be selected or built.

Option: This Draft EIS also evaluates several alignment or station "options" that could be incorporated into a particular alternative. Options represent variations that may cause different impacts in an area but are not stand-alone alternatives.

Segment: The term segment is used to describe a geographic portion of the TDLE corridor for purposes of evaluation. Each segment includes guideway, stations, and other elements of the project within that geographic area.

NEPA: The National Environmental Policy Act (NEPA) (42 United States Code 4321 et seq.) established procedural requirements to prepare detailed reports about the environmental impacts of proposed actions (or projects). NEPA ensures agencies consider the consequences of their proposed actions and inform the public about their decision making.

SEPA: The State Environmental Policy Act (SEPA) (Chapter 43.21C, Revised Code of Washington) establishes a process to identify and analyze alternatives, environmental impacts, and potential mitigation measures to aid in agency decision making.

High-capacity transit: High-capacity transit is a system of public transportation services within an urbanized region operating principally on exclusive rights-of-way; examples include light rail transit or express buses on exclusive bus ways and their supporting services.

Sound Transit used the early scoping comments to inform the set of station and alignment alternatives that were evaluated in a three-level screening process: prescreening, Level 1, and Level 2. FTA and Sound Transit initiated scoping under NEPA and SEPA with a Notice of Intent to prepare an EIS published in the Federal Register on March 26, 2019. The scoping process was conducted between March 26 and May 1, 2019. It allowed Tribes, agencies, and the public to comment on the project's Purpose and Need Statement, topics to study in the Draft EIS, and the proposed route and station alternatives to be evaluated. Additional information on outreach activities is included in Appendix B, Public Involvement, and detailed information on the development of the alternatives is included in Appendix I, Alternatives Development Supporting Documents.

In developing TDLE alternatives, Sound Transit evaluated over 50 alternatives and options. Most of the alternatives were variations on alignments that followed either I-5, SR 99 (also referred to as Pacific Highway), or other local streets parallel to I-5, and they included options on both sides of I-5 or in the median, with a variety of station siting options in the south Federal Way, Fife, east Tacoma, and Tacoma Dome areas.

Concepts were not evaluated beyond the prescreening phase if they were determined to be inconsistent with the project purpose and need or the Sound Transit 3 Plan, included circuitous routing that would add travel time to the high-capacity transit service, or were determined to be infeasible based on environmental constraints. Alternatives were then evaluated in the increasingly detailed Level 1 and Level 2 alternatives evaluation phases, using criteria based on the project purpose and need.

In July 2019, the Sound Transit Board identified the alternatives for study in this Draft EIS in Motions M2019-75 and M2019-77. The Board also identified a Preferred Alternative in the Federal Way and Tacoma segments, as well as in a portion of the Fife Segment. A preferred alternative is not a decision on the project to build. Rather the identification of a preferred alternative shows a preference for an alternative based on currently available information from the Alternatives Development process. The Draft EIS equally evaluates all build alternatives as well as a No-Build Alternative.

Through the progression of design and environmental review, Sound Transit identified the need to study additional alignment alternatives from near the South Federal Way Station through Milton to avoid known cultural resources adjacent to I-5, as well as additional station options in Fife to be outside of the flood plain mapped by the Federal Emergency Management Agency (FEMA). A public engagement period was held from February 27 to March 14, 2023, to share information about the potential additional alignment and station locations being considered. In March 2023 (Motion M2023-19), the Board identified additional alternatives along the SR 99 (Pacific Highway) corridor in the South Federal Way Segment as well as additional station options in Fife to study in the Draft EIS. The Board also removed the Preferred Alternative designation in the South Federal Way Segment. After consideration of the Draft EIS and public comments, the Board will identify the Preferred Alternative for evaluation in the Final EIS along with other alternatives. The Board will select the project to be built after the Final EIS is issued.

ES.3.2 Build Alternatives

This section describes the TDLE build alternatives and design options evaluated in this Draft EIS. The project includes:

- Approximately 10 miles of dedicated guideway extending across ancestral and reservation lands of the Puyallup Tribe of Indians, as well as the cities of Federal Way, Fife, Milton, and Tacoma, and unincorporated Pierce County. Most of the guideway would be elevated, and there would be no at-grade vehicle or pedestrian crossings.
- A total of four stations, one in South Federal Way, one in Fife, and two in Tacoma (one near Portland Avenue and one near the Tacoma Dome).
- A rail-only fixed-span bridge crossing the Puyallup River.
- Parking facilities with approximately 500 stalls each at the stations in South Federal Way and Fife, in either surface or garage park-and-ride configurations.

The TDLE build alternatives are evaluated in four segments: Federal Way, South Federal Way, Fife, and Tacoma. The TDLE alternatives and design options are shown in Figure ES-4 and described in Table ES-1. Italicized text indicates design options. Travel time between the Federal Way and Tacoma Dome stations is anticipated to be approximately 20 minutes. TDLE is targeted to begin operations in 2035; construction of the parking facilities at both Fife and Federal Way stations may be deferred until 2038 as a result of the realignment process approved by the Board in August 2021.

System Access Program

In September 2019, the Board provided $40.6 million in the Sound Transit District to award funds to local jurisdictions and agencies that will lead the design, construction, operation, and maintenance of potential access projects in broader station areas. This program, called the System Access Program, is intended to fund projects that make it easier and more convenient for people to get to Sound Transit facilities. The potential nonmotorized and station access improvement projects have been identified, in consultation with local jurisdictions, to safely accommodate the projected increase in pedestrian and bicycle travel with TDLE. The potential nonmotorized projects are not part of TDLE, and no funding has been awarded by the Board for any of these potential access projects at this time. This Draft EIS does not evaluate the potential environmental impacts of these access projects. Once the access projects have been refined and identified by local jurisdictions in consultation with Sound Transit, the local agency will prepare the appropriate environmental review. Some of the nonmotorized improvements may be implemented by the Puyallup Tribe of Indians, cities, or others as lead agencies and require multi-agency funding partnerships to implement.

Table ES-1 Summary of TDLE Build Alternatives and Station and Design Options Evaluated in Draft EIS[1]

Alternative	Station Name	Station Location
Federal Way (FW) Segment[2]		
FW Preferred Enchanted Parkway	Not applicable	Not applicable
FW Preferred Enchanted Parkway with FW Design Option	*Not applicable*	*Not applicable*

Table ES-1 Summary of TDLE Build Alternatives and Station and Design Options Evaluated in Draft EIS (continued)

Alternative	Station Name	Station Location
South Federal Way (SF) Segment[2, 3]		
SF Enchanted Parkway	SF Enchanted Parkway Station	Enchanted Parkway S and S 352nd Street
	SF 352nd Span Station Option	*Enchanted Parkway S spanning S 352nd Street*
SF I-5	SF I-5 Station	I-5 and S 356th Street
SF 99-West[4]	SF 99-Enchanted Station	Enchanted Parkway S and S 352nd Street
SF 99-West[4] with Porter Way Design Option	*SF 99-Enchanted Station*	*Enchanted Parkway S and S 352nd Street*
SF 99-East[4]	SF 99-352nd Station	Between S 352nd Street and S 356th Street east of SR 99
SF 99-East[4] with Porter Way Design Option	*SF 99-352nd Station*	*Between S 352nd Street and S 356th Street east of SR 99*
Fife Segment[2]		
Fife Pacific Highway	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*West of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Spanning 54th Avenue between Pacific Highway and 12th Street E*
Fife Pacific Highway Median (Fife Median)	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*Design option for guideway alignment would be slightly further south between 54th and 51st Avenue E, with the station option west of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Design option for guideway alignment would be slightly further south between 59th and 51st Avenue E, with the station option spanning 54th Avenue between Pacific Highway and 12th Street E*
Fife I-5	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*Design option for guideway alignment would be slightly further south between 54th and 52nd Avenue E, with the station option west of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Design option for guideway alignment would be slightly further south between 59th and 52nd Avenue E, with the station option spanning 54th Avenue between Pacific Highway and 12th Street E*

Table ES-1 Summary of TDLE Build Alternatives and Station and Design Options Evaluated in Draft EIS (continued)

Alternative	Station Name	Station Location
Tacoma Segment		
Preferred Tacoma 25th Street-West	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Preferred Tacoma 25th Street-West Station	Above E 25th Street between East G Street and East D Street
Tacoma 25th Street-East	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma 25th Street-East Station	Above E 25th Street between McKinley Avenue E and East G Street
Tacoma Close to Sounder	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma Close to Sounder Station	Adjacent to Sounder right-of-way at East G Street and E 25th Street
Tacoma 26th Street	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma 26th Street Station	Above E 26th Street at East D Street

Notes:

(1) Design and station options are shaded and shown in *italics*.

(2) FW is used as the abbreviation for Federal Way, and SF is used as the abbreviation for South Federal Way in the alternative and station naming.

(3) Parking at the stations in South Federal Way and Fife may be deferred until 2038. Depending on funding availability, however, some amount up to 500 spaces may be provided between 2035 and 2038.

(4) The SF 99-Enchanted and SF 99-352nd station locations could be paired with either of the SF 99 alternatives.

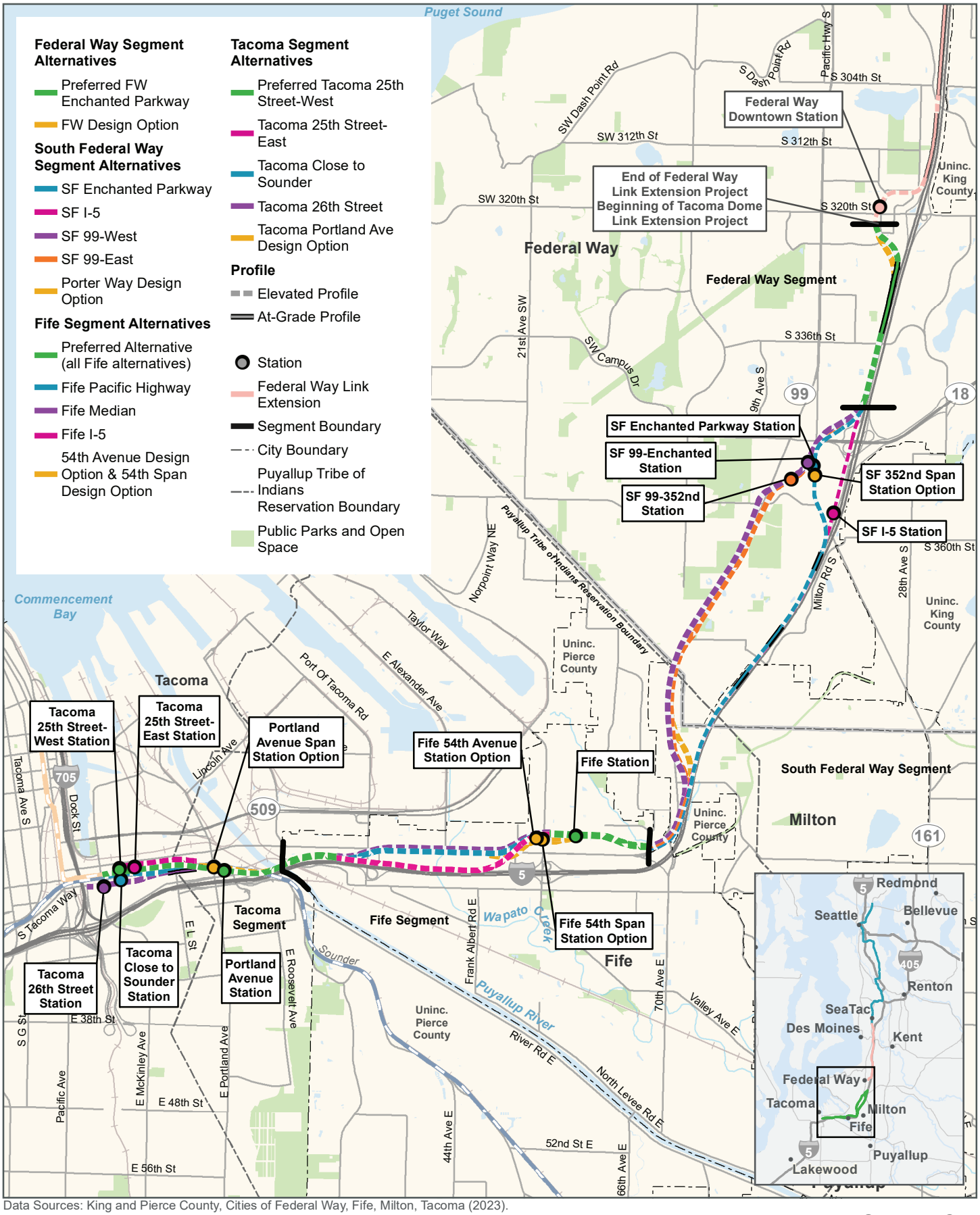

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE ES-4
Alternatives Evaluated in the Draft Environmental Impact Statement
Tacoma Dome Link Extension

ES.3.2.1 Federal Way Segment

The Federal Way Segment extends from just south of the Federal Way Downtown Station to S 344th Street. In the Federal Way Segment, there is one alternative, the Preferred Federal Way (FW) Enchanted Parkway Alternative, and one design option, the FW Design Option (Figure ES-5). The FW Design Option would have a larger track curve radius for the guideway near S 324th Street, which is preferable for operations and maintenance. The build alternative and design option in the Federal Way Segment are primarily elevated and do not include a station.

This Federal Way Segment also includes a separate Sound Transit project, OMF South, which includes the same 1.4-mile portion of guideway from the Federal Way Downtown Station to S 344th Street as the alternatives in the TDLE Federal Way Segment. Project development and environmental review for the OMF South and TDLE projects began concurrently; however, OMF South recently completed environmental review. In June 2024, FTA and Sound Transit issued the OMF South Final EIS, and the Sound Transit Board selected to build the Preferred South 336th Street Alternative. FTA issued the OMF South ROD in August 2024. Based on the Sound Transit Board action, the 1.4-mile portion of guideway is planned to be constructed as part of the OMF South project. Due to the timing of the OMF South Board Action in relation to the writing of this TDLE Draft EIS, construction and operations impacts for this portion of track (Preferred FW Enchanted Parkway Alternative) are included in the TDLE Draft EIS. OMF South is anticipated to be in operation prior to TDLE.

Comparison of Federal Way Segment Alternatives

Overall, the Preferred FW Enchanted Parkway Alternative and the FW Enchanted Parkway Alternative with FW Design Option are similar. Table ES-2 identifies key impacts of the alternatives in this segment. While the FW Design Option would slightly reduce travel times, ridership and overall system travel times are expected to be similar. The FW Design Option would displace more residences compared to the Preferred FW Enchanted Parkway Alternative. The majority of the residential displacements would occur in the Belmor Mobile Home Park (Belmor), a manufactured home community. The FW Design Option would have greater visual impacts to sensitive viewers (Belmor residents) as compared to the Preferred FW Enchanted Parkway Alternative, due to the proximity to the guideway. Greater noise impacts at the curve near S 324th Street would occur with the FW Design Option; however, all noise impacts would be mitigated. The FW Design Option would also have slightly greater impacts to vegetation, wetland buffers, and streams compared to the Preferred FW Enchanted Parkway Alternative.

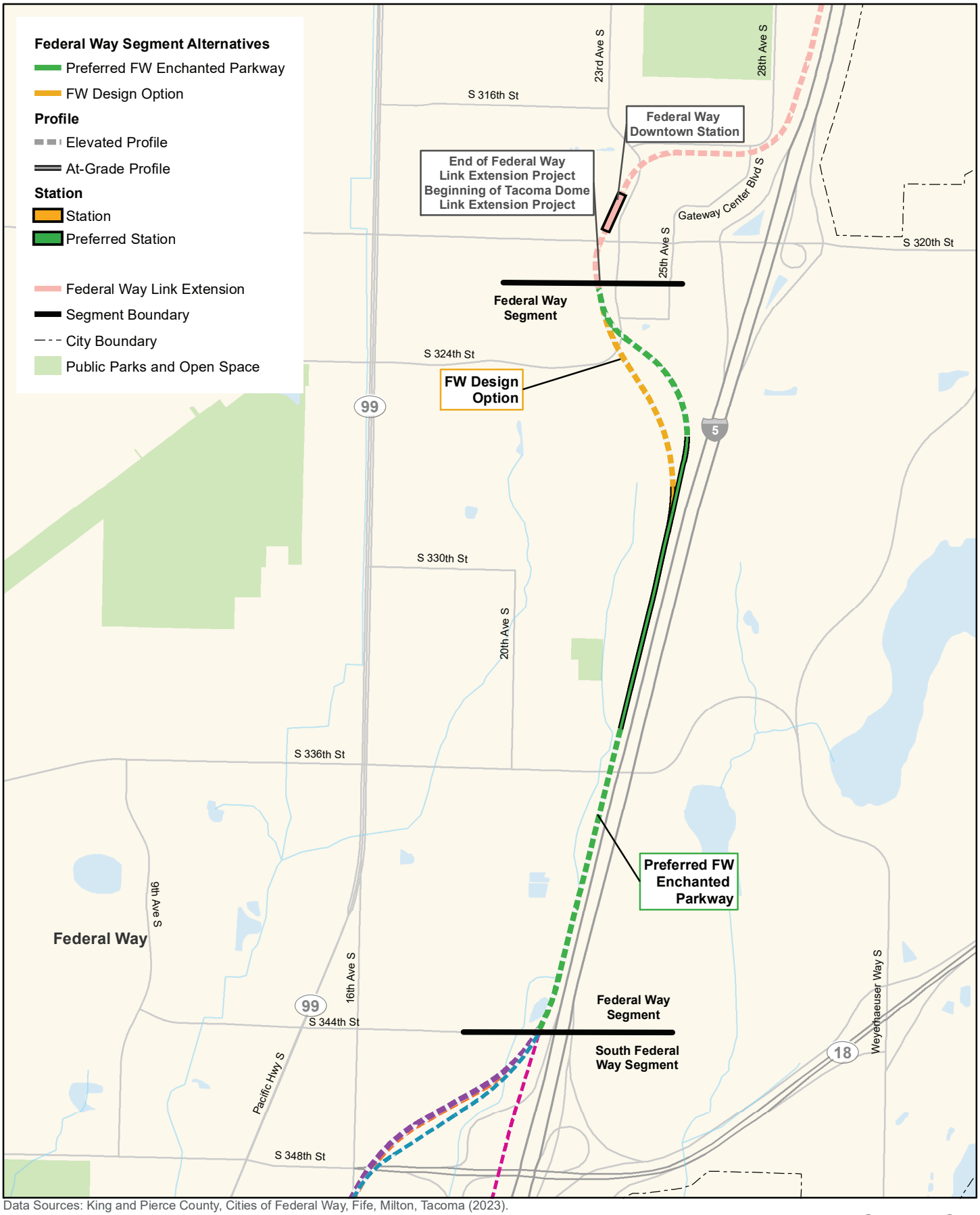

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE ES-5
Federal Way Segment Alternatives

Tacoma Dome Link Extension

Table ES-2 Summary of Key Potential Impacts – Federal Way Segment

Resource Impact Measure[1]	Preferred FW Enchanted Parkway Alternative	FW Enchanted Parkway Alternative with FW Design Option
Acquisitions, Displacements, and Relocations Parcels Affected	7	7
Residential Displacements	77	102
Business and Employee Displacements	0 businesses 0 employees	0 businesses 0 employees
Visual Resources Potential Visual Impacts	Vegetation loss and proximity to residential areas would result in visual impacts for some residents in Belmor and along the west side of I-5	Vegetation loss and proximity to residential areas would result in greater visual impacts for some residents in Belmor and along the west side of I-5
Noise and Vibration Number of Light Rail Noise Impacts (moderate and severe impacts)	25 impacts 0 after mitigation	42 impacts 0 after mitigation
Number of Vibration or Ground-Borne Noise Impacts	0 impacts	0 impacts
Ecosystem Resources Acres of Wetland Impacted (permanent)	0.54	0.56
Acres of Wetland Buffer Impacted (permanent)	2.78	3.18
Length of Stream Impacts in Feet (permanent)	900	1,000
Acres of Stream Buffers Impacted (permanent)	2.0	2.6
Potential Impacts on Vegetation (acres)	Long-term: 16 Construction: 47	Long-term: 18 Construction: 49

Note:

(1) Numbers or descriptions presented in this table are for permanent or long-term impacts, except where a construction impact is noted.

ES.3.2.2 South Federal Way Segment

The South Federal Way Segment extends from S 344th Street to the City of Fife boundary near Wapato Way E in Pierce County. In the South Federal Way Segment, there are four alternatives: the South Federal Way (SF) Enchanted Parkway Alternative, which includes the SF Enchanted Parkway Station; the SF I-5 Alternative, which includes the SF I-5 Station; the SF 99-East Alignment, which includes the SF 99-352nd Station; and the SF 99-West Alternative, which includes the SF 99-Enchanted Station (Figure ES-6). This segment also includes a station option at S 352nd Street (SF 352nd Span Station Option) for the SF Enchanted Parkway Alternative. The SF 99-West and SF 99-East alternatives include the Porter Way Design Option, which would modify how the guideway curves from SR 99 to run adjacent to I-5 near Porter Way. The design option would minimize use of tribally owned properties.

All four build alternatives in South Federal Way are primarily elevated. All station alternatives in South Federal Way would include a parking garage or surface parking facility with approximately 500 spaces. A garage would have higher construction costs and less flexibility to transition to other uses in the future but would create more opportunities for new development near the station. A surface parking facility would have lower construction costs and the ability to be converted to other uses in the future, such as transit oriented uses, but would use more properties around the station to accommodate parking and have fewer opportunities for new development. Construction of the parking facilities could be deferred until 2038, depending on funding availability, 3 years after light rail service begins.

Comparison of South Federal Way Segment Alternatives

Table ES-3 identifies key impacts of the alternatives in the South Federal Way Segment. The SF Enchanted Parkway and SF I-5 alternatives would have no impact to historic built environment resources (historic structures or buildings); however, both would have unavoidable impacts to known culturally sensitive areas and resources in proximity to the I-5 corridor. During the development of alternatives, the Puyallup Tribe of Indians identified concerns with the proposed SF Enchanted Parkway and SF I-5 alternatives, stating that no mitigation would be sufficient to resolve impacts. Both the SF 99-West and SF 99-East alternatives would avoid impacts to known culturally sensitive areas and resources along the I-5 corridor, but may, depending on the alternative, adversely effect from two to four historic structures or buildings.

The SF Enchanted Parkway and SF I-5 alternatives would have fewer private property acquisitions (43 to 47) compared to the SR 99-West and SR 99-East alternatives (81 to 91) but would use more of the I-5 public right-of-way. The SF Enchanted Parkway Alternative would have the most residential displacements (40) of all South Federal Way build alternatives, and the SF 99-East and SF I-5 alternatives would have the least (two to three). The SF 99-East and SF 99-West alternatives would have the most business displacements (23 to 25), and the SF I-5 Alternative would have the least (seven). Some properties in the South Federal Way Segment have ownership or restrictive covenants that could limit use of the property by the project. The SF 99-West Alternative would affect more of these properties compared to the other South Federal Way Segment alternatives. The alignment of the Porter Way Design Option would minimize use of tribally owned properties but would have an additional crossing of the West Fork Hylebos Creek and additional impacts to stream buffers and mature native forest.

The SF Enchanted Parkway Alternative would have the greatest noise impacts (150), while the SF I-5 Alternative would have the least (nine). The SF 99-West and SF 99-East alternatives would have similar noise impacts (23 to 27), fewer than the SF Enchanted Parkway Alternative but more than the SF I-5 Alternative. All noise impacts can be mitigated, and the majority of them would be mitigated with noise barriers along the guideway.

The SF 99-East Alternative would have the most permanent wetland impacts (over 7 acres), and the SF 99-West Alternative would have similar but slightly fewer wetland impacts. The SF Enchanted Parkway Alternative would have the fewest permanent wetland impacts (less than 3 acres). The SF I-5 Alternative would have the most permanent impacts to streams in the South Federal Way Segment, and the SF Enchanted Parkway Alternative would have the least. The SF 99-West and SF 99-East would have similar potential stream impacts. The Porter Way Design Option would add additional stream and wetland impacts to both alternatives on the SR 99 corridor.

Ridership, which is anticipated to average 1,800 weekday boardings at the station location in South Federal Way, and travel time are expected to be similar for all TDLE build alternatives and options in the South Federal Way Segment.

The SF I-5 Station would have more limited access for nonmotorized transportation and transit connections for riders due to its location immediately west of I-5. The SF Enchanted Parkway Station, SF 352nd Span Station Option, and SF 99-Enchanted Station, would all have similar nonmotorized access and transit connections with station facilities located on the northwest corner of Enchanted Parkway S and S 352nd Street. They would have more potential for traffic conflicts at driveway access points and would have additional street crossings from residential areas compared to the SF 99-352nd Station. The SF 99-352nd Station between S 352nd Street and S 356th Street would have easier access for nonmotorized users, residential areas, and transit connections compared to the other station locations.

During construction, where the TDLE guideway runs parallel to or within the median of SR 99, there could be extended lane closures for 1 to 2.5 years. Construction of the SF 352nd Span Station Option would also cause additional closures on S 352nd Street when the station is being built over the roadway.

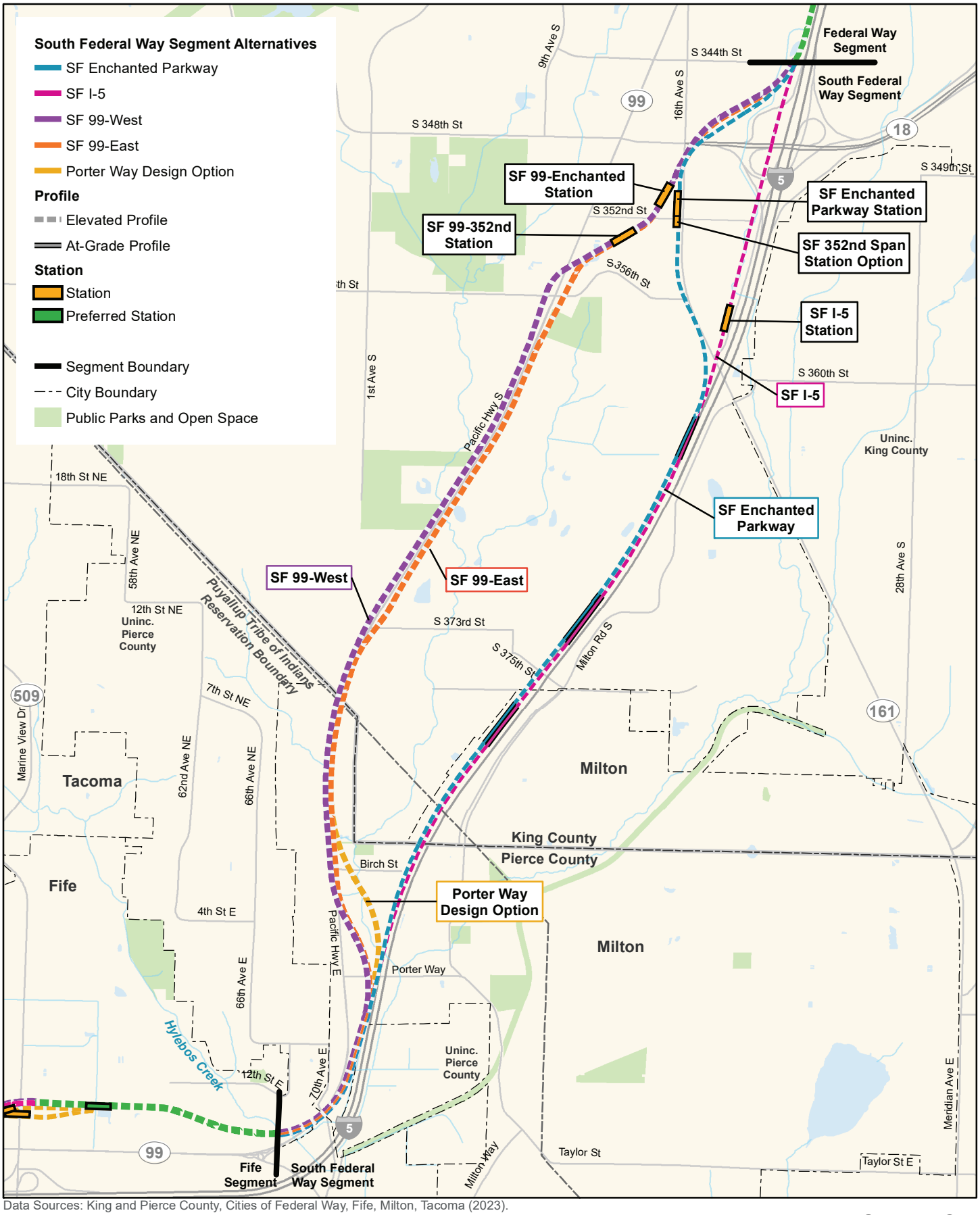

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE ES-6
South Federal Way Segment Alternatives

Tacoma Dome Link Extension

Table ES-3 Summary of Key Potential Impacts – South Federal Way Segment

Resource Impact Measure[1]	SF Enchanted Parkway Alternative[2, 3]	SF I 5 Alternative[2]	SF 99 West Alternative[2]	SF 99 West Alternative with Porter Way Design Option[2]	SF 99 East Alternative[2]	SF 99 East Alternative with Porter Way Design Option[2]
Transportation Number of Intersections Requiring Mitigation	1	1	1	1	1	1
Potential Street Closures during Construction	No extended street closures during construction. With the SF 352nd Span Station Option, an extended closure may occur on S 352nd Street.	No extended street closures during construction.	Extended lane restrictions, periodic nighttime, and weekend closures on SR 99.	Similar to SF 99-West Alternative.	Extended lane restrictions (especially for construction in median), periodic nighttime and weekend closures on SR 99.	Similar to SF 99-East Alternative.
Acquisitions, Displacements, and Relocations Parcels Affected	47	43	91	89	88	81
Residential Displacements	40	3	17	17	2	2
Business and Employee Displacements	14 businesses 200 employees	7 businesses 40 employees	25 businesses 250 employees	23 businesses 240 employees	25 businesses 300 employees	24 businesses 290 employees

Table ES-3 Summary of Key Potential Impacts – South Federal Way Segment (continued)

Resource Impact Measure[1]	SF Enchanted Parkway Alternative[2, 3]	SF I 5 Alternative[2]	SF 99 West Alternative[2]	SF 99 West Alternative with Porter Way Design Option[2]	SF 99 East Alternative[2]	SF 99 East Alternative with Porter Way Design Option[2]
Visual Resources Potential Visual Impacts	Long-term impacts would occur on the tree-lined portions of I-5, as seen by motorists, due to tree removal. Vegetation loss and proximity to residential areas near 69th Avenue E.	Long-term impacts would occur on the tree-lined portions of I-5, as seen by motorists, due to tree removal. Vegetation loss and proximity to residential areas near 69th Avenue E.	Long-term impacts due to vegetation loss and proximity to a higher number of sensitive viewers, including Montessori Academy, some residences between S 356th and S 373rd streets, Spring Valley Mobile Home Park, Gethsemane Cemetery visitors, and residential area near 69th Avenue E.	Similar to SF 99-West Alternative, slightly higher visual impact due to more vegetation removal north of Porter Way.	Long-term impacts due to vegetation loss and proximity to sensitive viewers, including Montessori Academy, some residences between S 356th and S 373rd streets, Spring Valley Mobile Home Park, Gethsemane Cemetery visitors, and residential area near 69th Avenue E.	Similar to SF 99-East Alternative, slightly higher visual impact due to more vegetation removal north of Porter Way.
Noise and Vibration Number of Light Rail Noise Impacts (moderate and severe impacts)	150 impacts 0 after mitigation	9 impacts 0 after mitigation	27 impacts 0 after mitigation	24 impacts 0 after mitigation	26 impacts 0 after mitigation	23 impacts 0 after mitigation
Number of Vibration or Ground-Borne Noise Impacts	0 impacts	0 impacts	0 impacts	0 impacts	0 impacts	0 impacts
Ecosystem Resources Acres of Wetland Impacted (permanent)	2.65	3.77	6.31	6.68	7.33	7.75
Acres of Wetland Buffer Impacted (permanent)	5.79	8.52	11.18	11.38	10.95	11.13
Length of Stream Impacts in Feet (permanent)	150	950	500	600	600	700
Acres of Stream Buffers Impacted (permanent)	2.8	5.6	3.7	4.3	4.3	4.7

Table ES-3 Summary of Key Potential Impacts – South Federal Way Segment (continued)

Resource Impact Measure[1]	SF Enchanted Parkway Alternative[2, 3]	SF I 5 Alternative[2]	SF 99 West Alternative[2]	SF 99 West Alternative with Porter Way Design Option[2]	SF 99 East Alternative[2]	SF 99 East Alternative with Porter Way Design Option[2]
Potential Impacts on Vegetation (acres)	Long-term: 48 Construction: 80	Long-term: 51 Construction: 68	Long-term: 49 Construction: 87	Long-term: 46 Construction: 94	Long-term: 54 Construction: 91	Long-term: 51 Construction: 99
Historic Resources Number of Historic Properties with Potential Adverse Impacts	0	0	4	4	2	2
Section 4(f)[4] Number of Resources Used	1	1	4	4	2	2

Note:

(1) Numbers or descriptions presented in this table are for permanent or long-term impacts, except where a construction impact is noted.

(2) Numbers presented for each alternative include the corresponding station. Table ES-1 defines the station or station option that corresponds to each alternative.

(3) Summary of Impacts for the SF Enchanted Parkway Alternative with SF 352nd Span Station Option is the same as with the SF Enchanted Parkway Station with the exception of the extended street closure on S 352nd Street during construction.

(4) Section 4(f) resources include publicly owned parks and recreation areas that are open to the public; publicly owned wildlife and waterfowl refuges; and historic sites of national, state, or local significance.

ES.3.2.3 Fife Segment

The Fife Segment is entirely within the reservation and trust lands of the Puyallup Tribe of Indians and the City of Fife. The segment extends from the eastern city limit near Wapato Way E to the western city limit near the Puyallup River. In the Fife Segment, there are three alternatives: the Fife Pacific Highway, Fife Median, and Fife I-5 alternatives (Figure ES-7). These three alternatives share common sections that are identified as part of the Preferred Alternative, but no preferred alternative has been identified between the 54th Avenue E and Port of Tacoma Road vicinity. Each of the alternatives could connect to either the 54th Avenue Design Option or 54th Span Design Option.

The Fife Station is part of the Preferred Alternative. The elevated station would be north of 15th Street E and west of 59th Avenue E. The 54th Avenue Design Option includes a slight variation to the guideway configuration between 59th Avenue E and 51st Avenue E to accommodate the Fife 54th Avenue Station Option on the west side of 54th Avenue E. The 54th Span Design Option includes a similar variation to accommodate the Fife 54th Span Station Option that spans 54th Avenue E. The station in Fife would include approximately 500 parking spaces provided in either a garage or surface parking configuration and have the same considerations for cost and development as described in Section ES.3.2.2. Construction of the parking facilities could be deferred until 2038, depending on funding availability, 3 years after light rail service begins.

West of the 54th Avenue E, the Fife Pacific Highway Alternative would continue west until it crosses Pacific Highway E and would follow the south side of Pacific Highway E to just west of the Port of Tacoma Road, where it would curve to meet the north side of I-5. The Fife Median Alternative would follow a similar path, except it would continue in the median of Pacific Highway E instead of on the south side. The Fife I-5 Alternative would curve to the southwest, crossing Pacific Highway E near 51st Avenue E, and then follow the north side of I-5.

Comparison of Fife Segment Alternatives

The Fife Pacific Highway Alternative and Fife Median Alternative would both affect a similar number of properties (66 to 69, depending on the design option), with more properties affected than the Fife I-5 Alternative (54 to 56, depending on the design option), which uses more public right-of-way. The Fife Pacific Highway Alternative would displace the most businesses (38 to 54). The Fife Median Alternative would displace the fewest businesses (12 to 28) with impacts primarily related to roadway and sidewalk realignment that would not require relocations.

For the Fife Median Alternative, Pacific Highway E would be reconfigured, altering traffic circulation, property access, and traffic signals/traffic control, but would maintain similar lane configurations as the existing conditions. Unlike the Fife I-5 Alternative and the Fife Pacific Highway Alternative, the Fife Median Alternative would prohibit left turns at some midblock intersections and driveways on Pacific Highway E. Larger trucks that previously accessed business driveways from the existing two-way left-turn lane may be required to approach affected businesses using routes that do not require left turns.

The Fife Pacific Highway and Fife Median alternatives would have more light rail noise impacts (179 to 186) before mitigation than the Fife I-5 Alternative (90 to 97); however, these impacts are all anticipated to be mitigated, primarily using noise barriers on the guideway.

All three alternatives in the Fife Segment would remove one historic property, a single-family residence at 62nd Avenue E. The Fife Pacific Highway Alternative would also remove a second historic property, the Pick-Quick Drive In. The Fife Median Alternative would use a portion of the Pick-Quick Drive In parking lot but would not adversely affect the building. The Fife I-5 Alternative would avoid impacts to the Pick-Quick Drive In property.

All three Fife Segment alternatives would have potential visual quality impacts for church visitors on 62nd Avenue E and residents along 15th Street E. West of 54th Avenue E, the Fife Pacific Highway Alternative would have greater potential for impact to visual quality for businesses in proximity to the guideway compared to the Fife Median Alternative. The Fife I-5 Alternative elevated guideway would impact views of Mount Rainier for some residents at Chateau Rainier apartments and would obscure views for drivers and businesses along I-5, including car dealerships. All Fife Segment alternatives would travel over the perimeter of the planned Cappa Park, either along SR 99 or I-5, but would not directly impact planned park facilities.

The City of Fife's ongoing planning efforts for a new City Center contemplates more vibrant mixed-use development and creation of an area oriented to the new light rail station. The preferred Fife Station location is more central to potential development in the proposed City Center subarea east of 54th Avenue E, whereas the Fife 54th Avenue and 54th Span station options are in the northeast corner of the proposed City Center subarea. Ridership, which is anticipated to average 2,600 weekday boardings at the station location in Fife, and travel time are expected to be similar for all of the alternatives in the Fife Segment.

The preferred Fife Station would be located within the FEMA 100-year floodplain boundary of Fife Ditch Tributary 1 and would place fill within the floodplain. The Fife 54th Avenue Station Option and the Fife 54th Span Station Option would each be located outside of the current mapped FEMA floodplain boundary; however, this boundary is based on historical mapping and does not reflect subsequent development and current topographic conditions. Because the elevations of the Fife 54th Avenue Station Option and the Fife 54th Span Station Option are similar to the preferred Fife Station, the future flood risk is likely similar among all the station locations. Also, all three station locations lie within a future flood risk area due to sea level rise projections.

During construction, the Fife Pacific Highway Alternative and Fife Median Alternative would require additional intermittent road closures west of 54th Avenue E wherever the guideway crosses or is in the median of the street, including at larger intersections along Pacific Highway, such as Willow Road E, Alexander Avenue E, and Port of Tacoma Road. These closures would cause greater restrictions for customers and employees to access local businesses compared to the Fife I-5 Alternative. For all build alternatives, the 54th Span Station Option would likely require intermittent nighttime and weekend closures over a longer period compared to the other station locations.

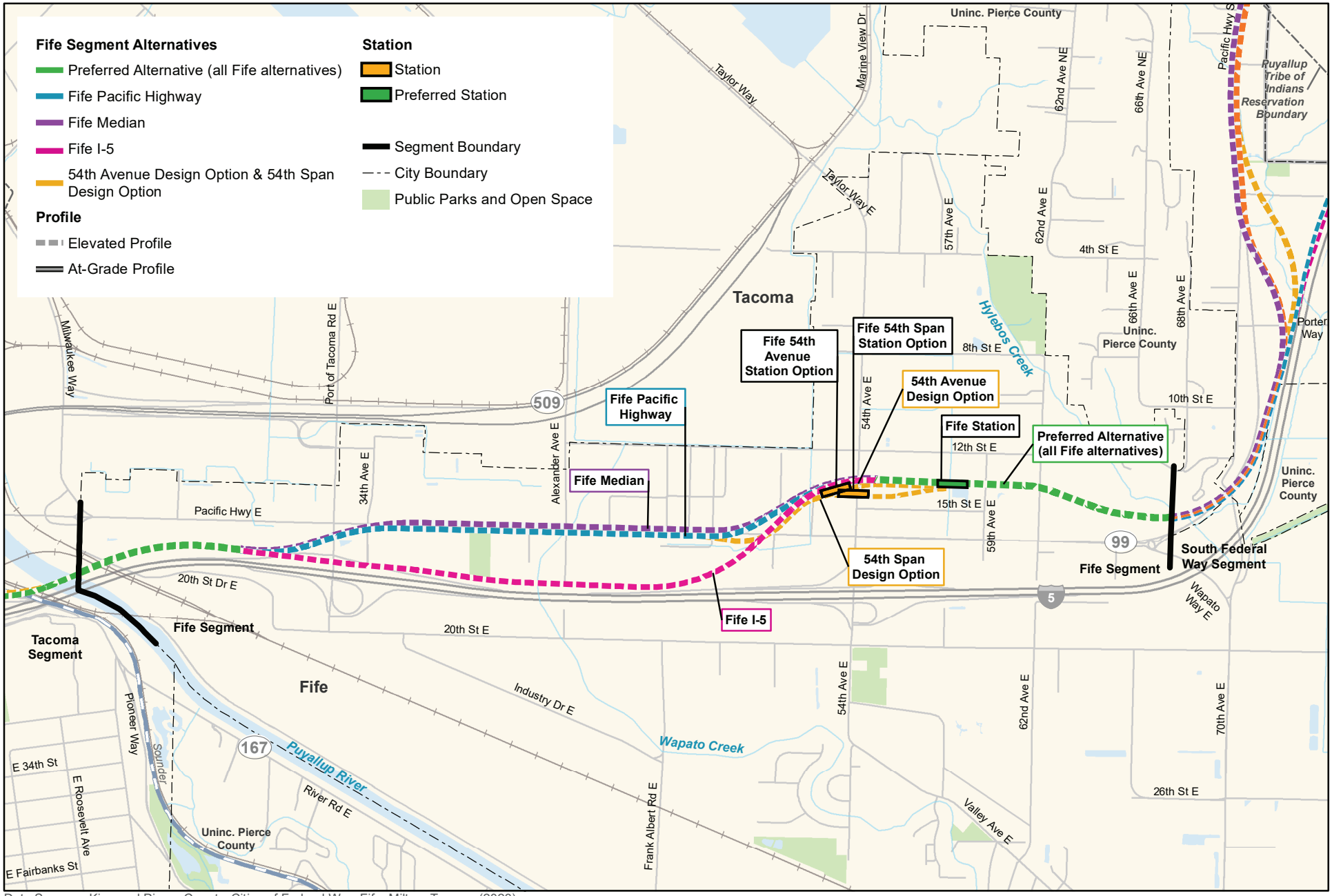

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE ES-7
Fife Segment Alternatives

Tacoma Dome Link Extension

Table ES-4 Summary of Key Potential Impacts – Fife Segment

Resource Impact Measure[1]	Fife Pacific Highway Alternative[2]	Fife Pacific Highway with 54th Avenue Design Option[2]	Fife Pacific Highway with 54th Span Design Option[2]	Fife Median Alternative[2]	Fife Median with 54th Avenue Design Option[2]	Fife Median with 54th Span Design Option[2]	Fife I-5 Alternative[2]	Fife I 5 with 54th Avenue Design Option[2]	Fife I 5 with 54th Span Design Option[2]
Transportation Number of Intersections Requiring Mitigation[3]	5	9	9	5	9	9	5	9	9
Potential Street Closures during Construction	No extended street closures, but some access restrictions during construction.	No extended street closures, but some access restrictions during construction.	No extended street closures, but additional restrictions and closures at 54th Avenue E for span station construction.	Full and partial closures along Pacific Highway for guideway construction in the median.	Full and partial closures along Pacific Highway for guideway construction in the median.	Full and partial closures along Pacific Highway for guideway construction in the median. Additional restrictions and closures at 54th Avenue E for span station construction.	No extended street closures during construction.	No extended street closures during construction.	No extended street closures but additional restrictions and partial closures at 54th Avenue E for span station construction.
Acquisitions, Displacements, and Relocations Parcels Affected	66	69	69	66	69	69	56	54	56
Residential Displacements	3	3	3	3	3	3	3	3	3
Business and Employee Displacements	38 businesses 280 employees	50 businesses 160 employees	54 businesses 250 employees	12 businesses 240 employees	24 businesses 120 employees	28 businesses 210 employees	17 businesses 120 employees	34 businesses 230 employees	40 businesses 270 employees
Visual Resources Potential Visual Impacts	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E and apartment residences at Chateau Rainier.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E, and apartment residences at Chateau Rainier.	Guideway in proximity to church visitors on 62nd Avenue E and residences on 15th Street E, and apartment residences at Chateau Rainier.

Table ES-4 Summary of Key Potential Impacts – Fife Segment (continued)

Resource Impact Measure[1]	Fife Pacific Highway Alternative[2]	Fife Pacific Highway with 54th Avenue Design Option[2]	Fife Pacific Highway with 54th Span Design Option[2]	Fife Median Alternative[2]	Fife Median with 54th Avenue Design Option[2]	Fife Median with 54th Span Design Option[2]	Fife I-5 Alternative[2]	Fife I 5 with 54th Avenue Design Option[2]	Fife I 5 with 54th Span Design Option[2]
Noise and Vibration Number of Light Rail Noise Impacts before Mitigation (moderate and severe impacts)	181 impacts 0 after mitigation	179 impacts 0 after mitigation	186 impacts 0 after mitigation	181 impacts, 0 after mitigation	179 impacts 0 after mitigation	186 impacts 0 after mitigation	91 impacts 0 after mitigation	90 impacts 0 after mitigation	97 impacts 0 after mitigation
Number of Vibration or Ground-Borne Noise Impacts	2 impacts 0-2 after mitigation[4]	2 impacts 0-2 after mitigation[4]	2 impacts 0-2 after mitigation[4]	1 impact 0-1 after mitigation[4]	1 impact 0-1 after mitigation[4]	1 impact 0-1 after mitigation[4]	1 impact 0-1 after mitigation[4]	1 impact 0-1 after mitigation[4]	1 impact 0-1 after mitigation[4]
Water Resources FEMA Floodplain Impacts	Station would be located in the FEMA floodplain for the Fife Ditch Tributary 1.	Outside of FEMA floodplain, but at similar elevation. Likely similar future flood risk.	Outside of FEMA floodplain, but at similar elevation. Likely similar future flood risk.	Station would be located in the FEMA floodplain for the Fife Ditch Tributary 1.	Outside of FEMA floodplain, but at similar elevation. Likely similar future flood risk.	Outside of FEMA floodplain, but at similar elevation. Likely similar future flood risk.	Station would be located in the FEMA floodplain for the Fife Ditch Tributary 1.	Outside of FEMA floodplain, but at similar elevation. Likely similar future flood risk.	Outside of FEMA floodplain, but at similar elevation. Likely similar future flood risk.
Ecosystem Resources Acres of Wetland Impacted (permanent)	2.24	2.04	2.29	2.24	2.04	2.29	3.16	2.96	3.20
Acres of Wetland Buffer Impacted (permanent)	3.76	3.70	3.90	3.76	3.70	3.90	3.38	3.28	3.48
Length of Stream Impacts in Feet (permanent)	450	350	350	450	350	350	350	250	250
Acres of Stream Buffers Impacted (permanent)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Potential Impacts on Vegetation (acres)	Long-term: 39 Construction: 62	Long-term: 41 Construction: 55	Long-term: 43 Construction: 55	Long-term: 39 Construction: 62	Long-term: 41 Construction: 55	Long-term: 43 Construction: 55	Long-term: 34 Construction: 64	Long-term: 33 Construction: 63	Long-term: 35 Construction: 63

Table ES-4 Summary of Key Potential Impacts – Fife Segment (continued)

Resource Impact Measure[1]	Fife Pacific Highway Alternative[2]	Fife Pacific Highway with 54th Avenue Design Option[2]	Fife Pacific Highway with 54th Span Design Option[2]	Fife Median Alternative[2]	Fife Median with 54th Avenue Design Option[2]	Fife Median with 54th Span Design Option[2]	Fife I-5 Alternative[2]	Fife I-5 with 54th Avenue Design Option[2]	Fife I-5 with 54th Span Design Option[2]
Historic Resources									
Number of Historic Properties with Potential Adverse Impacts	2	2	2	1	1	1	1	1	1
Section 4(f)									
Number of Resources Used[5]	2	2	2	1	1	1	1	1	1

Notes:

(1) Numbers or descriptions presented in this table are for permanent or long-term impacts, except where a construction impact is noted.

(2) Numbers presented for each alternative include the corresponding station. Table ES-1 defines the station or station option that corresponds to each alternative.

(3) Although additional intersections would operate below standard, no mitigation is required where an intersection would operate below standards in both the No-Build and build alternatives, unless it would operate at LOS E or worse and travel times are degraded by more than 10 percent.

(4) The vibration impacts identified for the alternatives in the Fife Segment will require additional testing inside the structure and modeling to determine the extent of the impacts and potential mitigation measures available for low frequency vibration levels.

(5) All Fife Segment alternatives would travel over the perimeter of the planned Cappa Park, either along SR 99 or I-5, but would not directly impact planned facilities. The alternatives along SR 99 may result in modifications to or constraints to access or egress from the planned park.

ES.3.2.4 Tacoma Segment

The Tacoma Segment includes the area from the Fife/Tacoma city limit to near the existing Tacoma Dome Station, through reservation and trust lands of the Puyallup Tribe of Indians. The Portland Avenue station area would be within the reservation lands. The Puyallup Tribe of Indians is a signatory to the Medicine Creek Treaty of 1854, which outlines their fishing rights in areas throughout the Puget Sound. Their treaty fishing rights include the area of the Puyallup River over which the TDLE corridor would cross. In addition, the Puyallup River is a designated navigable water of the United States.

There are four alternatives in the Tacoma Segment (Figure ES-8). These alternatives would each have the same alignment and design option from the Fife/Tacoma city limit to the Portland Avenue Station. All TDLE build alternatives would cross the Puyallup River north of I-5. Two bridge types are being studied for the crossing: a long-span bridge that would completely span the river and a pier-supported bridge that would have piers in the river. The long-span bridge (segmental box girder) would be approximately 60 feet higher than the nearby I-5 bridge deck, and the pier-supported bridge would be about 10 feet higher than the I-5 bridge deck. Other structure types for a long-span bridge could include a cable-stayed, extradosed, truss, or arch. Bridge type would be determined during final design based on various factors, including engineering feasibility and constraints, environmental effects, cost, and coordination with Tribes and other agencies on permitting requirements. The operation of the TDLE project would not affect navigation on the Puyallup River or Thea Foss Waterway. For safety during construction, navigation channels on the Puyallup River would be restricted around active construction areas but would remain open.

After crossing the Puyallup River, all TDLE build alternatives would travel northwest to serve the elevated Portland Avenue Station located between E Portland Avenue and E Bay Street. All build alternatives could include the Portland Avenue Design Option or Portland Avenue Span Station Option. The design option would shift the guideway just north of the intersection of E 26th Street and E Portland Avenue. This would allow for the station option to span E Portland Avenue.

West of the Portland Avenue Station, the four build alternatives follow different alignments. The Preferred Tacoma 25th Street-West Alternative would continue west to E 25th Street and then travel above E 25th Street with a station located between East G Street and East D Street. The Tacoma 25th Street-East alternatives would follow the same alignment above E 25th Street except the station would be located just east of East G Street. The Tacoma Close to Sounder Alternative would run parallel along the south side of the Sounder tracks until McKinley Avenue, where it would cross over to the north side of the Sounder tracks to a station located above the site of Freighthouse Square. The Tacoma 26th Street Alternative would also run parallel along the south side of the Sounder tracks until just west of I-705, with a station located over the intersection of East D Street and E 26th Street, south of Freighthouse Square.

Comparison of Tacoma Segment Alternatives

The Tacoma Close to Sounder Alternative would displace the most businesses (43) because it would displace Freighthouse Square, which includes approximately 29 businesses. While the small businesses in Freighthouse Square could remain with the other alternatives, they would experience access restrictions during construction. Additionally, all build alternatives would displace approximately six businesses near the Portland Avenue Station.

At the Puyallup River crossing, the potential impacts would differ based on the type of bridge selected: a long-span or a pier-supported bridge. If the long-span bridge option is selected, the long-term impacts of the bridge on aquatic habitats would be minimal because no in-water structures would be needed. If the pier-supported bridge is selected, the channel hydraulics, FEMA floodway, and natural sediment transport patterns could be impacted. In addition, in-water work for pier installation would carry the risk of adverse effects on fish (including species listed under the Endangered Species Act) and marine mammals. Bridge piers and bridge structures can cast shade and create areas of slow water, both of which may provide favorable habitat conditions for predators of special-status fish. The light rail bridge would increase the amount of river habitat affected by the piers and overhead structures. The Puyallup River and other fish-bearing streams in the study area are within the treaty-protected Usual and Accustomed fishing areas of the Puyallup Tribe of Indians. Project-related impacts on streams could affect the productivity of Tribal fisheries.

The new light rail bridge crossing the Puyallup River would be viewed in front of or with the I-5 bridge. There are many different users of the river who would be sensitive to visual change. The long-span bridge would be more prominent to sensitive viewers and could obstruct views of Mount Rainier, with the elevated structure approximately 60 feet higher than the nearby I-5 bridge deck, depending on the type of long-span bridge. The pier-supported bridge would be about 10 feet higher than the I-5 bridge deck and viewed more in line with the I-5 bridge, making the structure less prominent.

West of E Portland Avenue on E 25th Street, the Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives would both create a tunnel-like effect, with the guideway located directly over the roadway, and would alter views of existing built elements for street-level viewers. This tunnel effect is greater for the Tacoma 25th Street-West Alternative because it extends further west along E 25th Street to the Freighthouse Square area. Visual impacts would occur in this area, which has higher pedestrian traffic and viewer sensitivity. The Tacoma 26th Street and Tacoma Close to Sounder alternatives both would pass through a less densely developed area south of the Sounder tracks. The Tacoma Close to Sounder Alternative would change views for Sounder commuters but would result in less dramatic visual changes along E 25th Street. The Tacoma 26th Street Alternative would be visually prominent overhead for patrons and employees at businesses along E 26th Street and would be seen from a distance from the Tacoma Dome area and from the LeMay Museum.

Ridership and travel time are expected to be similar for all build alternatives in the Tacoma Segment. Ridership is anticipated to average 1,200 weekday boardings at the station location near Portland Avenue and 10,800 at the station location near the Tacoma Dome.

The Portland Avenue Station would be situated closer to the undercrossing of I-5 at E Bay Street and further from E Portland Avenue than the Portland Avenue Span Station. This would create better access for nonmotorized users and would be closer to the developments and the neighborhood to the south of the station. Nonmotorized access and bus bays connecting to the Portland Span Station Option would be primarily on E Portland Avenue, which has high vehicle volumes, including freight.

The Tacoma 25th Street-West and Tacoma 25th Street-East stations would both have fewer business displacements (nine) than the other station locations but more visual and construction impacts on E 25th Street. The Tacoma Close to Sounder Station would have fewer visual and construction impacts and better nonmotorized access to the station; however, it would displace more businesses (43), specifically in Freighthouse Square. The Tacoma Close to Sounder Station would provide more potential for an integrated transit hub compared to the other

alternatives, with the ability to transfer between Sounder, Amtrak, and Link services as well as the T Line and buses nearby. The Tacoma 26th Street Station would require users to cross an at-grade rail crossing to access transit service on E 25th Street and connect to other transit modes in the Tacoma Dome station area. Due to the slope of the hillside, E 26th Street is higher than E 25th Street, which would make multimodal connections harder to integrate compared to the other station locations along E 25th Street.

Construction of the Preferred Tacoma 25th Street-West Alternative or Tacoma 25th Street-East Alternative would require column and guideway construction, along with utility relocations, that would require temporary relocation or closure of the T Line terminus station on the north side of E 25th Street and close the track connecting to the T Line's OMF. Temporary relocation of the track connection to the OMF or a modified vehicle service schedule that minimizes construction stoppage duration and allows intermittent ingress/egress to the OMF would be required. The Tacoma Close to Sounder and Tacoma 26th Street alternatives would avoid impacts to the T Line. However, with the Tacoma Close to Sounder Alternative, it is anticipated that the Amtrak and Sounder stations in Freighthouse Square would need to be reconstructed. This would require temporarily relocating the stations to the west end of Freighthouse Square during construction.

Table ES-5 identifies key impacts of the alternatives in this segment. For all build alternatives in the Tacoma Segment, the terminus design will accommodate the potential for future Link light rail system expansion.

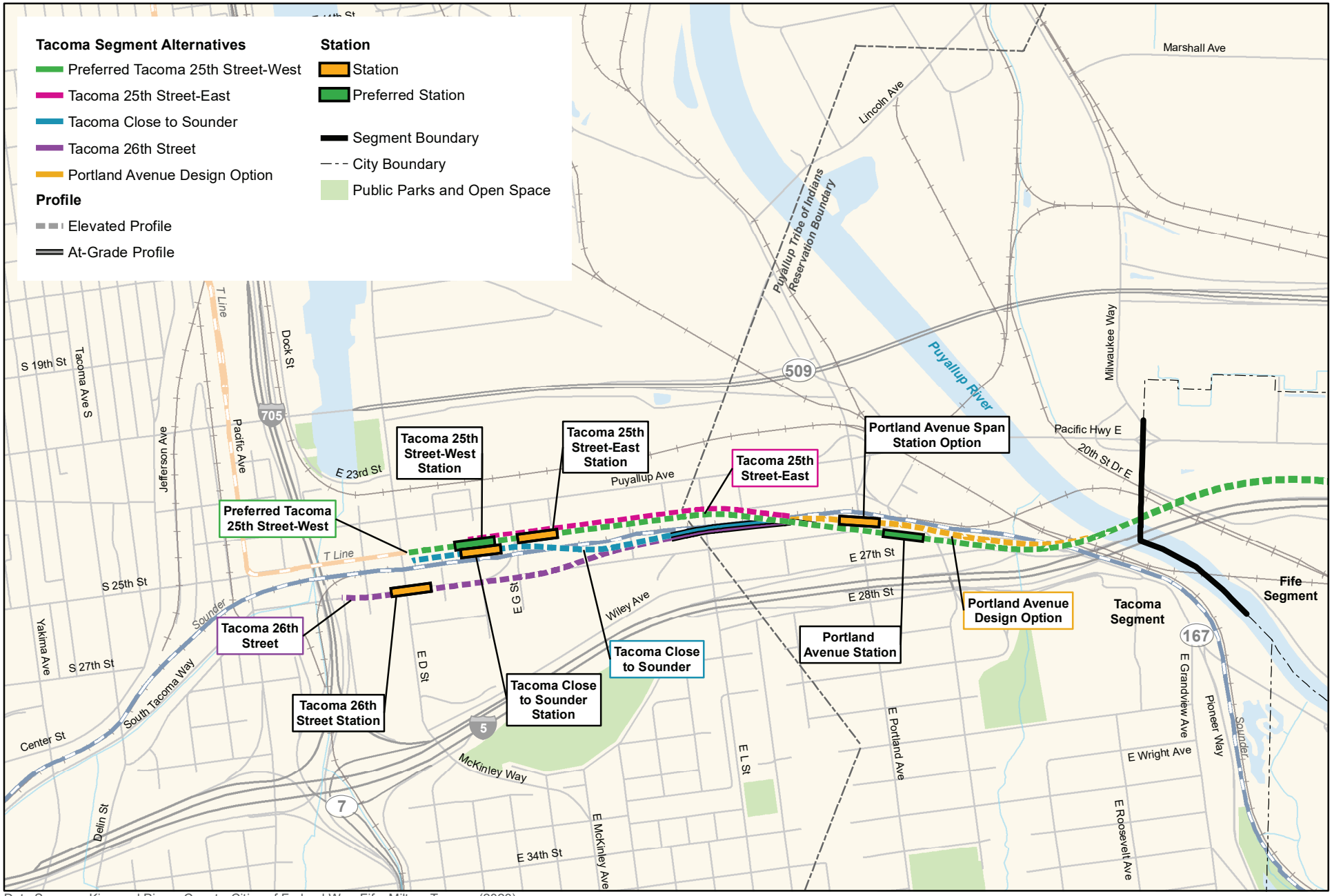

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE ES-8
Tacoma Segment Alternatives

Tacoma Dome Link Extension

Table ES-5 Summary of Key Potential Impacts – Tacoma Segment[1,2]

Resource Impact Measure[3]	Preferred Tacoma 25th Street West[4]	Tacoma 25th Street East[4]	Tacoma Close to Sounder[4]	Tacoma 26th Street[4]
Transportation Number of Intersections Requiring Mitigation[5]	8	8	8	8
Potential Street Closures during Construction	20th Street E could be partially closed for about 9 months, with full closures on nights and weekends for construction and realignment. Full closure of E 25th Street for up to 3 years.	20th Street E could be partially closed for about 9 months, with full closures on nights and weekends for construction and realignment. Full closure of E 25th Street for up to 3 years.	20th Street E could be partially closed for about 9 months, with full closures on nights and weekends for construction and realignment. Full closure of East L Street bridge for about 1 year.	20th Street E could be partially closed for about 9 months, with full closures on nights and weekends for construction and realignment. Full closure of East L Street bridge for about 1 year. Full closure of E 26th Street for up to 3 years.
Acquisitions, Displacements, and Relocations Parcels Affected	35	31	34	51
Business and Employee Displacements	9 businesses 90 employees	9 businesses 90 employees	43 businesses 140 employees	13 businesses 100 employees
Visual Resources Potential Visual Impacts	Guideway structure directly over E 25th Street would create a “tunnel effect.”	Guideway structure directly over E 25th Street would create a “tunnel effect.”	Guideway structure near the station would create a “tunnel effect.”	Guideway would be prominent to businesses on E 26th Street, west of East D Street, visible from the Tacoma Dome and LeMay Museum.
Noise and Vibration Number of Light Rail Noise Impacts (moderate and severe impacts)	3 impacts 0 after mitigation	3 impacts 0 after mitigation	2 impacts 0 after mitigation	3 impacts 0 after mitigation
Number of Vibration or Ground-Borne Noise Impacts	0 impacts	0 impacts	0 impacts	0 impacts

Table ES-5 Summary of Key Potential Impacts – Tacoma Segment (continued)

Resource Impact Measure[3]	Preferred Tacoma 25th Street West[4]	Tacoma 25th Street East[4]	Tacoma Close to Sounder[4]	Tacoma 26th Street[4]
Water Resources Floodplain Impacts	Potential impacts to channel hydraulics, FEMA floodway, and natural sediment transport for the Puyallup River crossing with pier-supported bridge option.	Potential impacts to channel hydraulics, FEMA floodway, and natural sediment transport for the Puyallup River crossing with pier-supported bridge option.	Potential impacts to channel hydraulics, FEMA floodway, and natural sediment transport for the Puyallup River crossing with pier-supported bridge option.	Potential impacts to channel hydraulics, FEMA floodway, and natural sediment transport for the Puyallup River crossing with pier-supported bridge option.
Ecosystem Resources Acres of Wetland/Impacted (permanent)	< 0.01	< 0.01	< 0.01	< 0.01
Acres of Wetland Buffer Impacted (permanent)	0.05	0.05	0.05	0.05
Acres of Puyallup River Impacted (permanent)	0.4	0.4	0.4	0.4
Acres of Puyallup River Buffer Impacted (permanent)	0.1	0.1	0.1	0.1
Potential Impacts on Vegetation (acres)	Long-term: 21 Construction: 45	Long-term: 20 Construction: 45	Long-term: 19 Construction: 31	Long-term: 21 Construction: 33
Section 4(f) Number of Resources Used	0	0	0	0

Notes:

(1) Summary of Impacts for all build alternatives in the Tacoma Segment includes both the long-span and pier-supported bridge options over the Puyallup River.

(2) Summary of Impacts for all build alternatives in the Tacoma Segment includes both the Portland Avenue Station and Portland Avenue Span Station Option.

(3) Numbers or descriptions presented in this table are for permanent or long-term impacts, except where a construction impact is noted.

(4) Numbers presented for each alternative include the corresponding station. Table ES-1 defines the station or station option that corresponds to each alternative.

(5) Although additional intersections would operate below standard, no mitigation is required where an intersection would operate below standards in both the No-Build and build alternatives, unless it would operate below LOS E and travel times are degraded by more than 10 percent.

ES.3.2.5 Minimum Operable Segments and Interim Terminus for TDLE

TDLE would expand the regional light rail system approximately 10 miles south, from Federal Way in King County to Tacoma in Pierce County. TDLE could be operated in phases, depending on available funding or other factors. In the event it is not possible to build the entire TDLE, the station in South Federal Way or the station in Fife could serve as minimum operable segments (M.O.S.s) or interim terminuses, if project implementation is phased. Each could serve as a M.O.S. or interim terminus station because they each include transit integration opportunities and a 500-stall parking facility. They are also close to regional highways for access, including I-5, SR 18, and SR 167. They would both have tail tracks extending approximately 500 feet beyond the end of the station platform and would be designed to accommodate future extensions. Parking facilities at the South Federal Way and Fife stations would open by 2038, 3 years after the project is open for service, per the realigned capital program.

In general, building a shorter route alignment would result in fewer environmental impacts compared to the full TDLE, given that part of the project would not be constructed (such as portions of guideway, two to three stations, and ancillary facilities such as parking and traction power substations). Air pollution may be slightly higher if the full project were not built because more people would continue to drive vehicles and there would not be as great a reduction in VMT. Both stations would build the same number of stalls in the parking facility as the full build alternative. The station design would need to accommodate additional bus volumes as some bus routes could terminate at the station.

Ridership for the M.O.S. or interim terminus at the station in South Federal Way is forecast to have approximately 5,000 daily trips, and ridership for the interim terminus at the station in Fife is forecast to have 8,700 daily trips. Both scenarios would have lower ridership compared to the full TDLE project to station near the Tacoma Dome, which is forecast to have 24,000 to 36,000 daily trips.

ES.3.3 No-Build Alternative

The No-Build Alternative would be the transportation system and environment as they would exist in 2042 without the proposed project. The No-Build Alternative provides a baseline condition for comparing impacts of the build alternatives. The year 2042 is used as the analysis year because it is consistent with full buildout of the light rail capital projects included in the Sound Transit 3 Plan. The No-Build Alternative includes projects, funding packages, and proposals in the Central Puget Sound Region that are planned to occur with or without TDLE. No-Build improvements include roadway and transit actions by Sound Transit, state, regional, and local agencies that are currently funded, and those that are likely to be implemented based on approved and committed funding.

The No-Build Alternative includes the following major rail improvements by Sound Transit:

- Extension north to Everett, including stations.
- Extension south to Federal Way, including stations.
- Extension of East Link to downtown Redmond, including stations.
- Extension to West Seattle, including stations.
- Extension to Ballard with new downtown Seattle tunnel, including stations.
- New Link light rail line from south Kirkland to Issaquah, including stations.

- Infill Link stations at NE 130th Street, S Graham Street, and S Boeing Access Road in Seattle.
- Sounder commuter rail South line capacity enhancements and extension to Tillicum and DuPont.
- A light rail OMF facility in the north service area and in the south service area.
- Extension of T Line to Tacoma Community College, including stations.

The No-Build Alternative also includes the following WSDOT major regional transportation projects listed in the State Transportation Improvement Plan (WSDOT 2020) and PSRC Regional Capacity Projects List (PSRC 2018):

- I-5 SR 161/SR 18 Triangle Project – Phase 2.
- SR 167 Completion Project from SR 161 to SR 509.
- I-5/Port of Tacoma Road Interchange.
- I-5/54th Avenue E Interchange.
- I-5 High Occupancy Vehicle Projects near Fife/Tacoma.

Future bus rapid transit service provided by Pierce Transit (STREAM) and King County Metro that connects to the corridor is also included in the No-Build Alternative. The bus service network used in the Draft EIS analysis is consistent with future service plans developed by King County, Pierce Transit, and Sound Transit. These plans are subject to change by the transit agencies depending on funding availability and other factors. The Transportation Technical Report (Appendix J1 of this Draft EIS) describes the major projects as well as local agency projects assumed in the No-Build Alternative.

The No-Build Alternative would not accomplish the purpose and need of the project. Traffic volumes in the study area, based on annual growth rates described in Appendix J1, are projected to increase by approximately 7 to 13 percent by 2042 because of regional population growth. Under the No-Build Alternative, transit, including Sounder commuter rail and local and regional bus services, would continue to be focused on peak-direction trips to and from downtown Seattle. As a result, the No-Build Alternative would result in increased single-occupancy vehicle travel, with an accompanying increase in GHG emissions and traffic congestion.

ES.4 Avoidance, Minimization, and Mitigation Measures

Sound Transit is committed to complying with all applicable federal, state, and local environmental regulations, following best management practices, and designing TDLE in a way that avoids or minimizes adverse impacts from the project. Those avoidance and minimization measures are committed to as part of the project and are identified along with reasonable mitigation measures that would reduce or eliminate significant adverse impacts. Avoidance and minimization measures, as well as additional mitigation measures, are identified throughout the Draft EIS. Mitigation measures address adverse impacts that remain after avoidance and minimization measures are applied.

Potential mitigation measures are included in Chapters 3 and 4 of the Draft EIS. Final mitigation measures would be included in the Final EIS and as environmental commitments in FTA's ROD for the project.

The following is a summary of select potential mitigation measures for adverse project impacts.

Transportation: Traffic mitigation would be needed at up to 18 intersections, depending on the alternative. Mitigation could include providing turn lanes and turn pockets, optimizing signal phasing, installing traffic signals, or contributing a proportionate share towards intersection improvements, in coordination with the affected jurisdiction.

Acquisitions, Displacements, and Relocations: Sound Transit would compensate affected property owners and provide relocation assistance in accordance with Sound Transit's Real Estate Property Acquisition and Relocation Policy, Procedures, and Guidelines (Sound Transit 2017), which follows applicable federal and state laws and regulations, including, but not limited to, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (as amended). Property impacted temporarily for construction would be restored to its previous condition.

Visual: Visual impacts would be minimized and mitigated by using landscaping or other features to help screen or soften views of the TDLE guideway, stations, or other project components, in coordination with the affected jurisdiction.

Noise: Noise impacts from light rail operations would be mitigated by using sound walls, wheel squeal reduction measures and special trackwork, installing building sound insulation, and other measures if appropriate, following the Sound Transit Link Noise Mitigation Policy.

Vibration: Vibration impacts from light rail operations would be mitigated by placing a resilient layer between the track and the soil and the use of resilient fasteners. The vibration impacts identified for the alternatives in the Fife Segment would require additional testing and modeling to refine the projections and to determine the extent of the impacts and the types of potential mitigation measures available.

Ecosystems: During final design and permitting, Sound Transit would first try to avoid and minimize impacts on wetlands and streams through design measures and best management practices. Where impacts are unavoidable, Sound Transit would mitigate them in accordance with applicable federal regulations, local critical area ordinances, and permit requirements. Sound Transit would provide compensatory mitigation to achieve no net loss of ecosystems functions and use the King County In-Lieu Fee Program (Mitigation Reserves Program), other formal mitigation banks, offsite compensatory mitigation, or project-specific mitigation developed concurrently by Sound Transit and approved by the appropriate regulatory agencies.

Water Resources: In the Fife Segment, adequate compensatory storage volumes would need to be determined to avoid impacts to the natural storage functions of the floodplain. If the pier-supported Puyallup River Crossing bridge is selected in the Tacoma Segment, the project design would need to minimize the footprint and lateral surface areas of the pier structures in the main channel of the river or include the addition of riprap and other rocks to stabilize the riverbed to prevent or minimize scour. Placement of fill or obstructing structures along the edges of the river's main channel could require creation of compensatory flood storage to offset any loss of storage volume capacity. Depending on which alternative is selected and designed, Sound Transit would follow the appropriate federal and local requirements regarding floodplains, preservation of natural flood storage features and dry flood-proofing of structures.

Historic and Archaeological Resources: FTA determined and the State Historic Preservation Office concurred that the project would result in an adverse effect to a National Register of Historic Places (NRHP)-eligible archaeological site and a NRHP-eligible residential property. FTA and Sound Transit, in consultation with the Advisory Council on Historic Preservation, the State Historic Preservation Office, Tribes, and other consulting parties, are developing a Section 106 Programmatic Agreement to resolve adverse effects to historic properties for TDLE per 36 CFR 800.6 and 800.14.

A draft Programmatic Agreement that sets out the procedure for consultation, review, and compliance is included as an attachment to Appendix J5, Historic and Archaeological Resources Technical Report. After consideration of public comments and consultation with Tribes, agencies, and consulting parties, a revised draft of the Programmatic Agreement will be included in the Final EIS. Once the project to be built is selected by the Board, the Programmatic Agreement will be executed prior to FTA issuing a ROD for TDLE.

Mitigation for impacts to historic and archaeological resources are in the early stages of coordination and will be further developed and documented in the Programmatic Agreement during preparation of the Final EIS. Mitigation measures for historic resources may include, but are not limited to, preparing additional documentation or interpretation for the resource or designing and installing an interpretive display or exhibit.

Sound Transit will address potential impacts to previously unknown archaeological resources through a phased archaeological work plan that would occur in coordination with Tribes and the State Historic Preservation Office. This preconstruction inventory work would be phased to coordinate with property acquisitions and project construction according to the process outlined in the Cultural Resources Survey and Inventory Plan and specified in the Section 106 Programmatic Agreement. The agreement would include an Archaeological Treatment Plan to address the discovery of historic and archaeological resources during project activities. Should NRHP-eligible properties be identified as the project advances, FTA would apply the adverse effect criteria to determine effects to resources. In summary, FTA, in coordination with Sound Transit and in consultation with Tribes, the State Historic Preservation Office, and other consulting parties, would implement terms of the Programmatic Agreement to address treatment of cultural resources and resolve adverse effects as the project moves forward.

ES.5 Significant and Unavoidable Adverse Impacts

With the avoidance, minimization, and potential mitigation measures described in Chapter 3, Transportation Environment and Consequences, and Chapter 4, Affected Environment and Environmental Consequences, significant adverse impacts would be avoided for most alternatives.

Long-term permanent impacts of TDLE that may not be fully mitigated include:

- The use of at least one Section 4(f) resource and an adverse effect to at least one NRHP-eligible property.
- Impacts to known cultural resources in the South Federal Way Segment for the SF Enchanted Parkway and SF I-5 alternatives and in the Tacoma Segment for all alternatives in the vicinity of the Puyallup River could be encountered.
- Visual impacts from removing mature vegetation, including forested areas adjacent to the guideway, would occur for all build alternatives. This would result in long-term visual impacts that would not immediately be mitigated by replacement vegetation or landscaping. There may be locations along the elevated guideway where direct view impacts of the project on adjacent sensitive viewers cannot be mitigated or screened.

- Impacts to mature forest and other native vegetation, which would result in a loss of habitat. The loss of mature forested habitat may not be immediately mitigable by replacement vegetation or restoration actions.

Temporary impacts during construction would not be avoidable and could be significant and adverse in some locations, including:

- The potential impacts to fish, marine mammals, and other aquatic species from in-water work for pier installation and pile driving related to the pier-supported bridge option for crossing the Puyallup River.
- Temporary but long-term lane or roadway closures, loss of parking, and noise. Detour routes could reduce the impact of roadway closures, although delays, congestion, and inconvenience would still occur. Lane and road closures would also require temporary transit bus diversions. The regional movement of freight and goods could be impacted where construction activities affect access to I-5 and SR 99/Pacific Highway.
- Impacts on businesses in the TDLE study area from construction activities. Negative impacts could include reduced sales resulting from changes in traffic, access, parking, and visibility because patrons might choose to avoid construction areas or have greater difficulty accessing retail businesses near construction activity.
- Temporary relocation of the Amtrak and Sounder Station at Freighthouse Square for the Tacoma Close to Sounder Alternative.
- Temporary relocation or closure of the T Line terminus station on the north side of E 25th Street and the connecting track to the T Line's OMF with the Preferred Tacoma 25th Street-West Alternative or Tacoma 25th Street-East Alternative.

ES.6 Other Environmental Considerations

ES.6.1 Section 4(f) Resources

Section 4(f) of the Department of Transportation Act of 1966, as amended (23 CFR Part 774, codified in 49 United States Code [U.S.C.] § 303 and generally referred to as "Section 4(f)"), protects publicly owned parks, recreation areas, and wildlife and waterfowl refuge, as well as historic and archaeological resources.

Under Section 4(f) FTA cannot approve a transportation project that will "use" a Section 4(f) resource unless it determines that:

- There is no feasible and prudent avoidance alternative to the use of the land from the property and the project includes all possible planning to minimize harm to the property resulting from such use; or
- The use of the property, including any measures to minimize harm committed to by the applicant, will have a *de minimis* impact on the property.

Potential Section 4(f) resources in the study area are described in Section 3 of Appendix D, Individual Section 4(f) Evaluation. No Section 4(f) resources would be used in the Federal Way Segment. In the South Federal Way Segment, all of the build alternatives would use at least one Section 4(f) resource: the SF Enchanted Parkway and SF I-5 alternatives would require the use of one Section 4(f) resource; the SF 99-West Alternative, with or without the Porter Way Design Option, could result in the use of up to four Section 4(f) resources, including a school, stables, residences, and signage associated with a motel (Daffodil Motel); and the SF 99-East

Alternative, with or without the Porter Way Design Option, could result in the use of up to two Section 4(f) resources, including the same stables and residence that could be impacted by the SF 99-West Alternative, as well as an additional historic residence.

Up to two Section 4(f) resources in the Fife Segment could be used by TDLE, depending on the alternative. All of the build alternatives in the Fife Segment would result in the use of a historic single-family residence at 62nd Avenue E. The Fife Pacific Highway Alternative would also require the use of the Pick-Quick Drive In.

No Section 4(f) resources would be used in the Tacoma Segment with any of the build alternatives.

The build alternatives represent Sound Transit's best attempt at minimizing and avoiding Section 4(f) resources. The build alternatives balance the purpose and need of the project against potential impacts, while providing a range of alternatives for the public to consider and from which FTA and Sound Transit can choose. As design for TDLE progresses, Sound Transit will continue to look for opportunities to reduce project impacts, including impacts on Section 4(f) resources.

ES.6.2 Environmental Justice

This Draft EIS analyzes environmental justice, as required by Department of Transportation Order 5610.2C and other federal orders. This analysis addresses whether the TDLE build alternatives would result in disproportionate and adverse effects on minority and/or low-income populations. The analysis, included in Appendix C, Environmental Justice, also discusses the potential benefits of TDLE to minority and/or low-income populations, as well as the specific outreach efforts made during project development to involve these populations.

The population in the TDLE study area has a higher percentage of low-income and minority persons than the Sound Transit Service District. Specifically, within the TDLE segments, minority populations generally range from approximately 50 to 60 percent, and low-income populations range from approximately 25 to 40 percent, whereas the minority population in the Sound Transit District is approximately 42 percent and the low-income population is approximately 20 percent.

Most project impacts would be limited, and others would be minimized through the implementation of effective mitigation measures. TDLE build alternatives would benefit people served by the project, including minority and low-income residents, by increasing access to high-quality rapid, reliable, and efficient light rail transit service areas, which would provide more access to jobs and other destinations and improved transit travel times. Although all populations would have access to these benefits to the same extent, the benefit would be greater for minority and low-income populations because these groups are more likely to use transit. Survey data from 2018 to 2019 identified that approximately 43 percent of Sound Transit ridership across all modes (Link light rail, Regional Express bus, and Sounder) are from minority groups, many of whom use transit for more than commuting purposes (Sound Transit 2022a and 2022b). Approximately 22 percent of minority riders and 13 percent of non-minority riders made less than $33,000 annually. Low-income is defined as the percentage of a block group's population in households where the household income is less than or equal to twice the federal poverty level, which in 2018 was $24,280 for an individual. Additionally, data from the American Public Transportation Association indicate that, in 2007, approximately 60 percent of all transit passengers were from minority groups (APTA 2007).

After considering the project's potential effects, mitigation and avoidance measures and anticipated benefit to minority and low-income populations, FTA has made a preliminary determination that TDLE would not result in a disproportionate adverse impact on minority and low-income populations. Additional information is included in Appendix C, Environmental Justice.

ES.6.3 Commitment of Resources

TDLE would have irreversible and irretrievable commitments of property and natural resources if built. Some private properties with industrial and commercial uses would be converted to transit use. Construction of the proposed project would also require the irretrievable commitment of resources, such as fuel and construction materials (e.g., aggregate for concrete, wood for forms and frames, and steel for rebar and rails).

ES.7 Tribal, Agency, and Public Involvement

FTA and Sound Transit are committed to engaging with the Puyallup Tribe of Indians, Muckleshoot Indian Tribe, Nisqually Indian Tribe, Yakama Nation, agencies, and the public throughout the planning, construction, and operation of TDLE and began to do so in the early phases of the project. Sound Transit has engaged with Tribes, neighborhood and community stakeholders, local transit partners, and city, county, state, and federal agencies in a variety of ways to inform and involve them in the project (Figure ES-9). Public involvement and agency coordination in the planning and environmental phases of the project have played and will continue to play an important role in the development of station and route alternatives, identifying the preferred alternatives, and environmental review and refinement. Additional information regarding Tribal, agency, and public involvement is included in Appendix B, Public Involvement and Tribal and Agency Coordination.

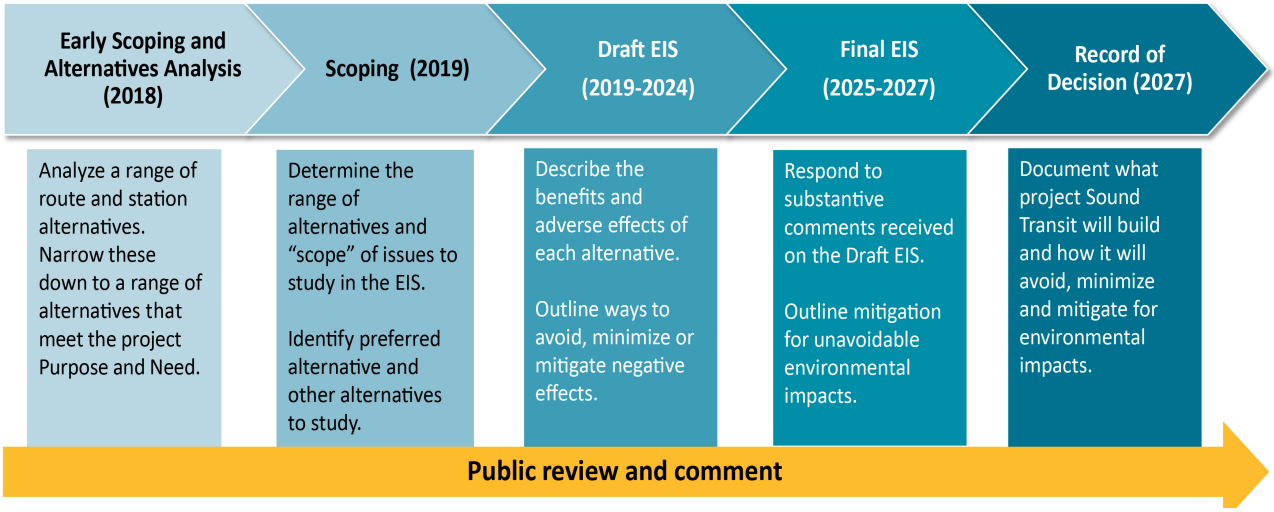

Figure ES-9 Project Public Review and Comment Process

ES.7.1 Tribal Consultation

A number of federal statutes require federal agencies to consult or coordinate with Tribes, including the National Historic Preservation Act, NEPA, Executive Order 13175, and others. FTA is consulting with four federally recognized American Indian Tribes for TDLE:

- Puyallup Tribe of Indians.
- Muckleshoot Indian Tribe.
- Nisqually Indian Tribe.
- Yakama Nation.

These Tribes have been identified for consultation under Section 106 in coordination with FTA and the State Historic Preservation Office because of the potential for sites with cultural significance. Government-to-government consultation with these Tribes was initiated through consultation letters sent by FTA in February 2018, followed by a formal invitation to participate in scoping and the initiation of Section 106 consultation in April 2019. Through the consultation process, the Tribes have the opportunity to develop information, share environmental analyses, and review and provide comments on Section 106 and the preliminary version of the Draft EIS prior to formal issuance.

FTA invited interested Tribes to participate in the environmental review process and the Puyallup Tribe of Indians accepted. The Puyallup Tribe of Indians is invited to monthly meetings with the City of Fife and the City of Tacoma, as well as meetings of the Elected Leadership Group, Interagency Group, and Stakeholder Group. Additional Tribal meetings have also occurred and are identified in Appendix B, Public Involvement and Tribal and Agency Coordination. FTA continues to engage with all four Tribes under Section 106 and NEPA.

ES.7.2 Chartered Group Engagement

Three chartered groups, consisting of affected Tribes, project partners, local jurisdictions, elected officials, and community partners, played important roles in the alternative development process. These groups included a Stakeholder Group, an Elected Leadership Group, and an Interagency Group, which met in 2018 and 2019 and provided input and recommendations on the alternatives to be analyzed in the Draft EIS. The Interagency Group has continued to meet periodically throughout the development of Draft EIS (Appendix B, Public Involvement and Tribal and Agency Coordination).

ES.7.3 Public Outreach

Sound Transit began public outreach efforts for TDLE in 2018. Outreach methods included online, in-person, existing community engagement efforts, media, English and translated materials to ensure continual engagement, and availability of information throughout the project. To ensure widely available, accessible project information, Sound Transit utilized a variety of communications tools and methods, including a database, a project website, online open houses, fact sheets and information materials, press releases and email updates. Print, online and media advertisements and project updates disseminated project information throughout each outreach period. Activities during each of the outreach periods to date include:

- **Early Scoping** (April 2, 2018, through May 3, 2018): Outreach during early scoping under SEPA focused on providing information about the representative project and gathering public feedback to inform the project scope, schedule, and budget. Sound Transit asked members of the public to comment on the purpose and need of the project and potential benefits, alternatives and impacts of proposed route alignments and stations. Public input was used to inform the early development of route and station alternatives.
- **September 2018 Outreach Activities** (September 1, 2018, through September 21, 2018): Between early scoping and scoping outreach, Sound Transit focused on inclusive outreach with community groups, organizations, residents, businesses, and underrepresented populations along the project corridor that do not typically participate in traditional in-person and online open houses. Outreach efforts were geared towards equitable engagement and reaching potential future riders. Three in-person open houses were held during September 2018, and an online open house was available between September 1 – 21 for members of the public who were unable to attend the in-person open houses. Sound Transit asked

members of the public to comment on the potential for route and station alternatives. This input was used to inform the continuing development of route and station alternatives.

- **NEPA and SEPA Scoping Activities** (March 26, 2019, through May 1, 2019): During the scoping period, Sound Transit shared information on the latest route and station alternatives and topics to study in the EIS, as well as an overview of past project activity. FTA and Sound Transit sought public comment on the proposed route and station alternatives, the purpose and need of the project and the potential environmental impacts or benefits to be studied in the EIS. Comments were gathered at in-person open houses and through online open houses and incorporated into the summary presented to the Board.
- **Public Outreach during Draft EIS Development** (November 13, 2019, through December 6, 2019): Sound Transit focused outreach efforts during Draft EIS development on providing updates on the process to date and the preferred alternatives and other alternatives for study identified by the Board. This outreach period was intended to provide a project update around alternatives design. This was achieved through a series of informal drop-in sessions and an online open house. The input received was used to inform the continuing development of the station and alternative design concepts.
- **Fall 2020 Outreach** (September 29, 2020, through November 2, 2020): Sound Transit held an online open house to share information and gather input from the community on station design concepts. The input received was used to inform the continuing development of station concepts. This outreach period was held online only due to the COVID-19 pandemic public health restrictions.
- **Winter/Spring 2023 Outreach** (February 27 through March 17): Sound Transit shared project updates regarding new routes and station options in the Fife and South Federal Way segments and sought comments at three in-person drop-in sessions and hosted an online open house. Input received was used to inform the continuing development alternatives in the Draft EIS.

Comments received during early scoping and NEPA and SEPA scoping activities are summarized in Appendix I, Alternatives Development Supporting Materials. Section 2.4, Alternatives Development and Scoping, summarizes how scoping comments helped guide the location of stations and alignments in the early phases of alternatives development. The public review and comment process will continue through the Final EIS and ROD, as shown in Figure ES-9.

ES.7.4 Agency Coordination

FTA and Sound Transit developed a Coordination Plan in accordance with 23 U.S.C. § 139(g)(1) and following FTA policy, with the objective of identifying key coordination points with Tribes, agencies, and the public during the environmental review process for TDLE. The purpose of the Coordination Plan is to support cooperating agencies, participating agencies, and Tribes as they engage in the identification, analysis, and evaluation of TDLE alternatives throughout alternatives development and the environmental review process.

In addition to agency participation in the public outreach described in ES.7.3 and consistent with the Coordination Plan, Sound Transit has coordinated regular interagency meetings, elected leadership group meetings, and other activities to collect input from interested agencies. This coordination informed the development of project alternatives, technical analysis methodologies, and development of the Draft EIS.

ES.8 Areas of Controversy and Issues to Be Resolved

Areas of controversy and issues that remain to be resolved include the following:

- **Location of Guideway within WSDOT Right-of-Way:** Portions of some of the alternatives in the Federal Way, South Federal Way, and Fife segments are anticipated to be within WSDOT right-of-way along I-5. Sound Transit must secure agreements and approvals from WSDOT and the Federal Highway Administration (FHWA) for use and proposed modifications (such as moving freeway noise walls). Sound Transit has coordinated with FHWA and WSDOT during conceptual design to identify where the alternatives could potentially use WSDOT right-of-way. Additional design coordination and analysis will occur during the development of the Final EIS. Approvals would not occur until final design.
- **Type of Parking Facility:** The type of parking facilities in Fife and South Federal Way may be surface parking or a parking garage. The Draft EIS evaluates both options. As the design progresses, Sound Transit would work with the cities to develop recommendations for the type of parking facility. Parking facilities may be deferred until 2038, 3 years after the opening of TDLE in 2035, per the realigned capital program.
- **Type of Puyallup River bridge crossing:** The Draft EIS evaluates long-span and pier-supported bridge types. Each bridge type would have differing impacts to resources such as visual, ecosystem, water, and Tribal fishing. Given the complexity of this crossing, the project will need coordination with Tribal, federal, state, and local agencies related to the environmental permitting process and will develop a comprehensive mitigation approach.
- **Coordination with Amtrak and WSDOT in Tacoma Dome Station area:** Construction of the alignment will cross the heavy rail tracks used by Sounder and Amtrak and, depending on the station location, may require temporary relocation of the boarding facilities located at Freighthouse Square.

Sound Transit would continue to coordinate with the appropriate federal, state, and local agencies and jurisdictions and affected Tribes to address these and any other issues that arise. Additional areas of controversy and issues to be resolved may be identified during the Draft EIS comment period.

ES.9 Opinion of Probable Cost

This section provides preliminary opinions of probable cost for each design alternative. These opinions of probable cost are intended to serve as a basis for comparing various design alternatives and options; they are not intended to serve as a method for establishing the project budget. These opinions of cost are based on early design and will continue to be refined during future stages of final design. The opinion of probable cost consists of many components and include one-time capital costs and construction costs (including parking), anticipated/estimated mitigation, right-of-way/property acquisition costs, engineering costs, equipment costs, and contingency. However, it does not include the cost of additional light rail vehicles needed to operate the project or variable market factors.

The opinion of probable cost for each design alternative shown in Table ES-6 is based on the current level of design (approximately 10 percent design). At this early phase of project development, the opinion of probable costs is for comparative purposes only (Sound Transit 2016b). It does not represent the project budget. Sound Transit has developed the high-level conceptual opinion of probable cost for all alternatives under evaluation in the Draft EIS. A project baseline budget is typically established at approximately 60 percent design (depending on the delivery method) prior to the start of construction.

Given the current early level of project design, there remain uncertainties regarding the project scope, engineering data, mitigation requirements, schedule, and project delivery methods. Therefore, these conceptual estimates focus on the project elements that are defined consistently across alternatives, that capture the essential physical features of alternatives, and that help distinguish alternatives from one another.

A more detailed estimate, applying a “bottoms up” cost methodology will be developed in the future. Early preliminary information from this methodology for other projects indicates cost growth attributable to the change in estimating methodology, market conditions, design development, and scoping changes. Capital projects across the Puget Sound region are experiencing the effects of market factors, including increases in the cost of materials, equipment, and labor. Sound Transit anticipates that construction costs will continue to escalate over the course of project development and final design. Each project estimate throughout the various design phases will therefore need to be evaluated and adjusted specifically considering current market conditions. This market conditions adjustment is independent of escalation and will fluctuate with economics and the value of any given project considered by the marketplace.

Table ES-6 Opinion of Probable Cost for TDLE in 2024 Dollars

Alternative	Opinion of Probable Cost[1]
Federal Way Segment[2]	
FW Enchanted Parkway (with and without the FW Design Option)	$390 million - $398 million
South Federal Way Segment[3]	
SF Enchanted Parkway	$1.66 billion - $1.71 billion
SF Enchanted Parkway with SF 352nd Span Station Option	$1.67 billion - $1.72 billion
SF I-5	$1.57 billion - $1.60 billion
SF 99-West Alternative	$1.56 billion - $1.62 billion
SF 99-West Alternative with Porter Way Design Option	$1.57 billion - $1.63 billion
SF 99-East Alternative	$1.71 billion - $1.75 billion
SF 99-East Alternative with Porter Way Design Option	$1.70 billion - $1.74 billion
Fife Segment[3]	
Fife Pacific Highway	$0.99 billion - $1.04 billion
Fife Pacific Highway - 54th Avenue Design Option	$0.97 billion - $1.03 billion
Fife Pacific Highway - 54th Span Design Option	$0.99 billion - $1.05 billion
Fife Median	$1.09 billion - $1.15 billion
Fife Median Highway - 54th Avenue Design Option	$1.07 billion - $1.13 billion
Fife Median Highway - 54th Span Design Option	$1.09 billion - $1.15 billion
Fife I-5	$0.99 billion - $1.05 billion
Fife I-5 - 54th Avenue Design Option	$0.97 billion - $1.03 billion
Fife I-5 - 54th Span Design Option	$0.99 billion - $1.05 billion

Table ES-6 Opinion of Probable Cost for TDLE in 2024 Dollars (continued)

Alternative	Opinion of Probable Cost[1]
Tacoma Segment[4]	
Preferred Tacoma 25th Street-West (Portland Avenue Station)	$1.27 billion - $1.51 billion
Tacoma 25th Street-West (Portland Avenue Span Station Option)	$1.25 billion - $1.49 billion
Tacoma 25th Street-East (Portland Avenue Station)	$1.18 billion - $1.42 billion
Tacoma 25th Street-East (Portland Avenue Span Station Option)	$1.20 billion - $1.44 billion
Tacoma Close to Sounder (Portland Avenue Station)	$1.12 billion - $1.36 billion
Tacoma Close to Sounder (Portland Avenue Span Station Option)	$1.11 billion - $1.35 billion
Tacoma 26th Street (Portland Avenue Station)	$1.23 billion - $1.47 billion
Tacoma 26th Street (Portland Avenue Span Station Option)	$1.21 billion - $1.45 billion

Notes:
(1) A more detailed estimate, applying a "bottoms up" cost methodology will be developed in the future. Opinions of probable cost are for comparative purposes only and do not represent the project budget.
(2) The FW Design Option would cost approximately $10 million dollars more.
(3) In the South Federal Way Segment and the Fife Segment, provision of a new parking garage at each station represents the higher end of the cost range whereas provision of new surface parking at each station represents the lower end of the range.
(4) In the Tacoma Segment, the higher end of the cost range reflects the costs for the alternative with a long-span bridge at the Puyallup River crossing whereas the lower end of the range reflects the costs for the pier-supported bridge.

ES.10 Next Steps

The following next steps are anticipated following the publication of the Draft EIS:

- **Draft EIS Review and Comment:** FTA and Sound Transit are circulating the Draft EIS, which includes a draft Section 106 Programmatic Agreement, to affected Tribes, local jurisdictions, state and federal agencies, community organizations, other interest groups, interested individuals, and the public for review and comment. Documents are available at Sound Transit offices, public libraries, community centers, and online. To review the documents at the Sound Transit office, please contact the Sound Transit librarian at 206-398-5344 to arrange an appointment (see the Fact Sheet for additional information about availability and/or purchase). A 60-day formal public comment period from the date of issuance of the document is being provided.
- **Confirmation/Modification of Preferred Alternative:** After consideration of analysis in the Draft EIS, comments received, and other factors, the Board will confirm or modify the preferred alternatives for evaluation in the Final EIS. In areas where there is not currently a Preferred Alternative, the Board will identify one. The final decision on the alternatives to be built will not be made until after the Final EIS is issued.
- **Final EIS:** FTA and Sound Transit will prepare a Final EIS that analyzes the Preferred Alternative along with the other alternatives evaluated in the Draft EIS. The Final EIS will respond to substantive comments received on the Draft EIS. An unsigned Section 106 Programmatic Agreement will also be included with the Final EIS to be executed after the Board selects the project to be built.
- **Sound Transit Board Project Decision:** After the Final EIS is published, the Board will select the project to be built.

- **Execute Section 106 Programmatic Agreement:** Once the project to be built is identified, the Section 106 Programmatic Agreement will be executed.
- **FTA Project Approval:** FTA will then publish the ROD for the project, which would document findings that the project has met the requirements of NEPA and related federal environmental regulations. For this project, the EIS is a joint NEPA and SEPA document that will support decision-making by FTA, Sound Transit, and other agencies.

Figure ES-3 shows the planned schedule milestones for construction of TDLE. The schedule is subject to change. Environmental review is expected to occur through 2027 with the issuance of the Final EIS. The ROD is also expected in 2027, with final design between 2027 and 2029, and construction and pre-operation testing between 2029 and 2035. The forecasted in-service date is 2035.

soundtransit.org/tdlink-deis

Questions? Contact Community Engagement, TDLE@soundtransit.org or 206-398-5453

Sound Transit | 401 S Jackson St, Seattle, WA 98104-2826 | soundtransit.org
Information in alternative formats: 800-201-4900 / TTY: 711 or accessibility@soundtransit.org

1 PURPOSE AND NEED FOR TACOMA DOME LINK EXTENSION

1.1 Tacoma Dome Link Extension Project

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing the Tacoma Dome Link Extension (TDLE) to expand the regional light rail system south from Federal Way in King County to Tacoma in Pierce County (Figure 1-1). TDLE would extend light rail approximately 10 miles from the Federal Way Transit Center to the Tacoma Dome area and include stations in Federal Way, Fife, and the two in Tacoma. Within the TDLE corridor, the project travels across the ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians). Voters approved funding for regional transit system investments as part of Sound Transit 3 in November 2016, which included the TDLE project. Sound Transit and the Federal Transit Administration (FTA) are preparing this Draft Environmental Impact Statement (EIS) for TDLE as a joint National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) document. FTA is the lead federal agency under NEPA and Sound Transit is the lead agency under SEPA.

TDLE would provide fast, reliable light rail connections to dense residential and job centers in the south region of the Puget Sound. In 2020, about 338,000 people lived in in the cities of Federal Way, Milton, Fife, and Tacoma, and an estimated 173,000 jobs were located in these cities (PSRC 2023). It is anticipated that by 2040, the population will grow by approximately 111,000 people, and employment will increase by approximately 82,000 jobs (PSRC 2023). Puget Sound Regional Council's (PSRC) VISION 2050 anticipates population and employment in the Puget Sound region will continue to grow over the next 30 years (PSRC 2020a). The current long-range growth forecasts from PSRC inform elements of the Draft EIS analyses, such as ridership forecasts, projected vehicle trips and nonmotorized activities.

Existing local transit connections in the project corridor include bus (Pierce Transit and King County Metro) and light rail (T Line formerly called Tacoma Link) service. Tacoma Dome Station is a major transit hub, providing local and regional bus service, Sounder commuter rail, T Line, and Amtrak long-distance and intercity passenger rail service, along with two park-and-ride facilities.

Extensions of Sound Transit's Link light rail service are under construction, east to Bellevue and Redmond, and south to Federal Way, and are anticipated to begin operation between 2024 and 2026. Planned light rail extensions include expanding service to West Seattle in 2032, to Everett in 2037, to Ballard in 2039, and to South Kirkland and Issaquah in 2041 to 2044, depending on funding. TDLE anticipates beginning service in 2035. Figure 1-2 shows the full system planned for operation in 2042 under the target schedule.

The Sound Transit 3 Plan also identified the need for two new light rail maintenance facilities, one in the north corridor and one in the south corridor to support the overall Sound Transit 3 regional system expansion. The facility in the south corridor is called the Operations and Maintenance Facility South (OMF South), and it is evaluated under a separate NEPA/SEPA environmental review process.

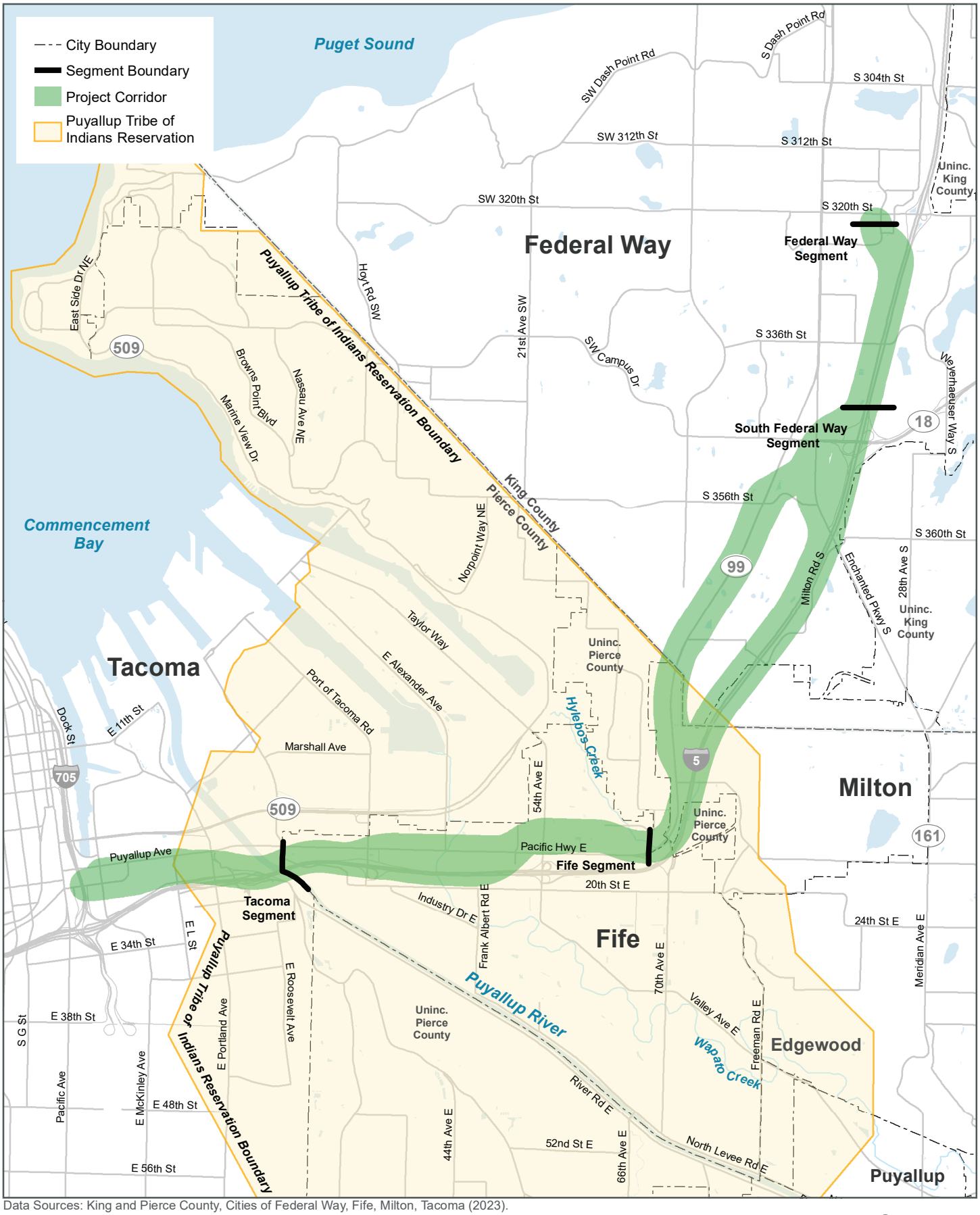

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 1-1
Tacoma Dome Link Extension Project Corridor

N

0 1 2 Miles

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

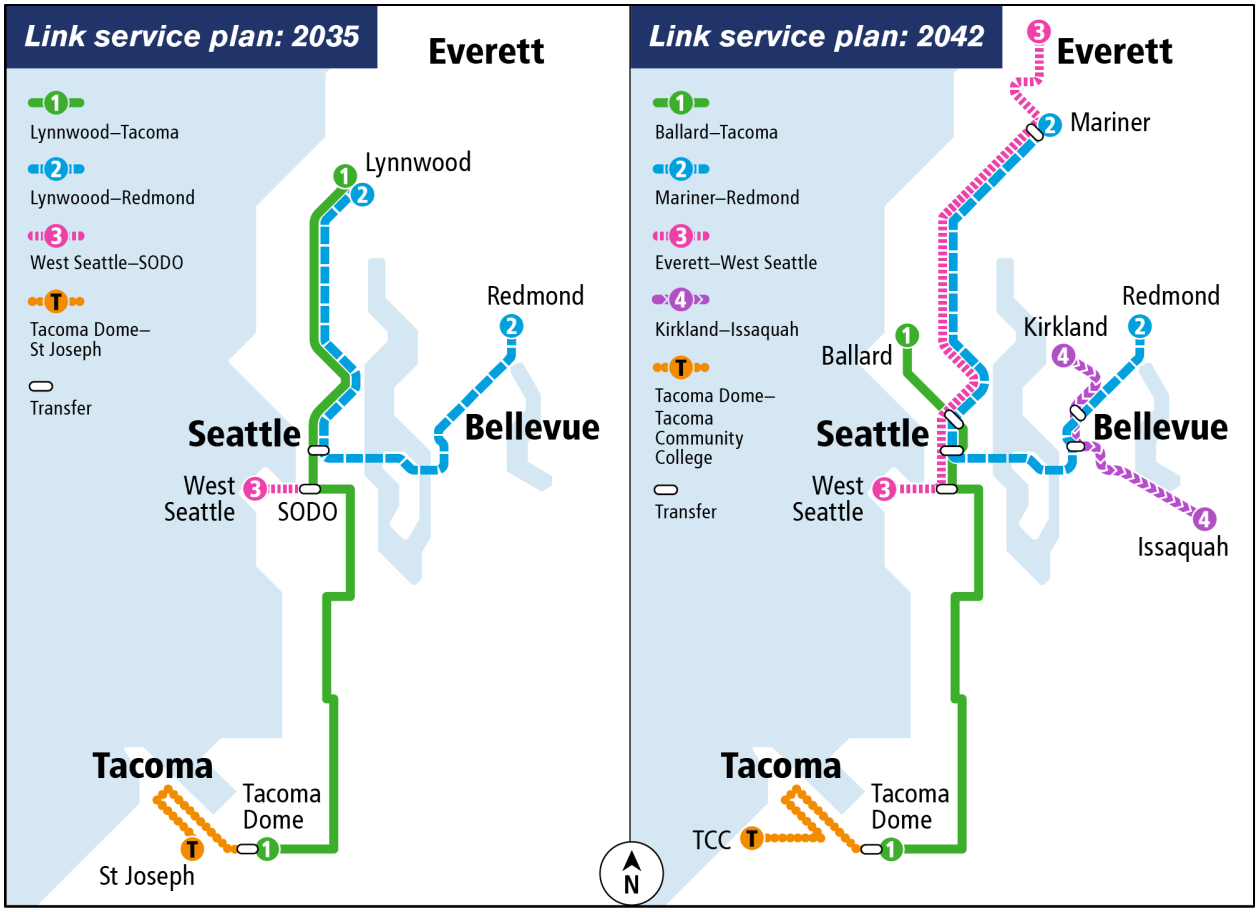

Figure 1-2 Link Light Rail System Expansion*

* 2042 is the current targeted schedule for completion of Sound Transit 3 projects.

1.2 Purpose and Need for TDLE

The purpose and need section describes why the agency is proposing to construct and operate the project. It clarifies what problems the project is to address and what goals or outcomes it supports. The purpose and need statement establishes the basis for developing and evaluating a range of reasonable alternatives for environmental review and assists with the identification of a Preferred Alternative. Sound Transit used the purpose and need statement to define the Draft EIS alternatives described in Chapter 2, Alternatives Considered.

1.2.1 Purpose of the Project

The purpose of TDLE is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area in order to:

- Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the Sound Transit 3 Plan (Sound Transit 2016).
- Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand.

- Connect the lands of the Puyallup Tribe of Indians and the cities of Federal Way, Milton, Fife, and Tacoma to regional centers and destinations on the regional high-capacity transit system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a).
- Implement a system that is technically and financially feasible to build, operate, and maintain.
- Expand mobility for the corridor and region's residents, which include transit-dependent, low-income, and minority populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Equitable Transit Oriented Development Policy and Sustainability policies (Sound Transit 2018 and 2019).
- Encourage convenient and safe nonmotorized access to stations, such as bicycle and pedestrian connections, consistent with Sound Transit's System Access Policy (Sound Transit 2013).
- Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.

1.2.2 Need for the Project

The project is needed because:

- Chronic roadway congestion on Interstate 5 (I-5) and State Route (SR) 99 – two primary north/south highways connecting communities along the corridor – delays today's travelers, including those using transit, and degrades the reliability of bus service traversing the corridor, particularly during commute periods.
- These chronic, degraded traffic conditions are expected to continue to worsen as the region's population and employment grow.
- PSRC, the regional metropolitan planning organization, and local plans call for high-capacity transit in the corridor consistent with VISION 2050 (PSRC 2020a) and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a).
- South King and Pierce county residents and communities, including transit-dependent, low-income, and minority populations, need long-term regional mobility and multimodal connectivity, as called for in the Washington State Growth Management Act (Revised Code of Washington [RCW] 36.70A.108).
- Regional and local plans call for increased residential and/or employment density at and around high-capacity transit stations and for increased options for multimodal access.
- Environmental and sustainability goals of the state and region, as established in Washington state law and embodied in PSRC's VISION 2050 and The Regional Transportation Plan 2022-2050 (PSRC 2022), include reducing greenhouse gas (GHG) emissions by decreasing vehicle miles traveled (VMT).

Sections 1.2.2.1 through 1.2.2.4 explain the need for TDLE in greater detail.

1.2.2.1 Chronic Existing and Future Roadway Congestion in the TDLE Corridor

The Puget Sound region has experienced tremendous growth, resulting in key roadway corridors between Federal Way and Tacoma being at or near capacity. A large number of workers who live in Pierce County travel to and from jobs in King County. During the PM peak period, the highest volume of traffic between South Federal Way and Tacoma is southbound. The roadway network in that location is at or close to capacity, even in the high-occupancy vehicle (HOV) lane, resulting in travel delay for transit vehicles and general-purpose traffic. Congestion on I-5, SR 99, and key arterials is expected to increase and reduce transit performance and reliability. Existing travel times on I-5 between Seattle and Tacoma are approximately 33 minutes with free flow conditions and 60 to 75 minutes in the peak direction during peak periods. This travel time is expected to increase by approximately 15 percent in the year 2042 without TDLE. Even with substantial investments in both regional and local transportation improvement projects in the future, traffic is expected to worsen and lead to increased travel time and delays.

Population and employment growth are forecast to continue. According to PSRC, the TDLE corridor is projected to grow by 43 percent in population and 51 percent in employment by 2050 (PSRC 2020b). Due to the projected population and employment growth and the limitations on expanding the capacity of the surface transportation network, there is a need for future investments in high-capacity transit systems to serve future transit needs in the project corridor.

1.2.2.2 Regional and Local Growth Planning and High-Capacity Transit Investment

Regional and local agencies have been planning for high-capacity transit in the TDLE corridor for almost 40 years. Recent plans developed by local agencies, Sound Transit, King County Metro (King County Metro 2021a and 2021b), and PSRC that call for high-capacity transit in this corridor are described in Section 1.3. Pierce Transit Development Plan 2024-2029 also assumes TDLE (Pierce Transit 2024). The comprehensive plans adopted by the cities of Federal Way, Fife, Milton, and Tacoma each include goals and policies that support increasing high-capacity transit in the TDLE corridor. A detailed description of those goals and policies is included in Appendix H2, Land Use.

The Puget Sound region, which includes King, Kitsap, Pierce, and Snohomish counties, is expected to grow by 1.8 million people by 2050, reaching a total population of 5.8 million (PSRC 2020a). An anticipated 1.2 million more jobs are forecast by 2050 (PSRC 2020a). Regional planning has focused new housing and employment growth within urban areas, including those along the TDLE corridor. PSRC's VISION 2050, the regional land use plan, focuses growth in urbanized areas. VISION 2050's regional growth strategy includes a goal of attracting 65 percent of population growth and 75 percent of employment growth to the region's growth centers and high-capacity transit station areas. Along the TDLE corridor, portions of both Federal Way and Tacoma are designated urban growth centers and the Port of Tacoma is a designated manufacturing industrial center. PSRC also classifies the City of Tacoma as a Metropolitan City. Urban municipalities within regional growth centers serve as civic, cultural, and economic hubs and are expected to accommodate 36 percent of regional population growth and 44 percent of regional employment growth by the year 2050. Local planning, including the comprehensive plans for Federal Way, Milton, Fife, and Tacoma, are considering the light rail extension and its potential influence on local land use and development.

1.2.2.3 Regional Mobility and Multimodal Connectivity for South Sound Communities

Many people travel from communities in the southern part of the Puget Sound region, where housing is more affordable, to King County for employment or other regional attractions. Nationally, King County has among the highest number of commuters coming from other counties. According to census data, workers who commute from outside King County fill approximately 34 percent of the jobs (474,516 jobs) in King County (U.S. Census Bureau 2020). While employment in Pierce County is also growing, the trend of residents from the southern part of Puget Sound commuting to Seattle or other locations in King County is likely to continue, as employment forecasts from PSRC for both Seattle and King County suggest strong job growth between 2020 and 2050.

Continued development of a multimodal transit hub near the Tacoma Dome, connecting Pierce Transit, Sound Transit Express, T Line, Sounder, and Amtrak services, would improve mobility in the TDLE corridor and increase access to employment and educational opportunities around the region for residents, including transit-dependent, low-income, and minority populations. Light rail in the TDLE corridor would improve connections to major regional employment opportunities, such as at Seattle-Tacoma International Airport, Amazon, and many smaller companies along the corridor, as well as downtown Seattle. It would also provide additional transit connections to University of Washington campuses and other educational facilities along the regional light rail system.

The light rail extension would also connect the public to regional activity centers, such as the Tacoma Dome, Lumen Field, T-Mobile Park, and the Seattle Convention Center. TDLE would improve access to these regional destinations for all populations.

As transportation costs, such as gas, tolls, and parking, continue to rise, these expenses increase burdens on low-income residents and impede access to employment, educational opportunities, and health care services. Effective transit may help eliminate or reduce the expense of automobile ownership and provide access to economic opportunity for disadvantaged populations.

1.2.2.4 State and Regional Environmental and Sustainability Goals

Environmental and sustainability goals of the state and region, as established in Washington state law and embodied in PSRC's VISION 2050 and 2018 Regional Transportation Plan, include reducing GHG emissions by decreasing VMT.

Washington has the goal of reducing overall GHG emissions in the state to 25 percent below 1990 levels by 2035 and to either 50 percent below 1990 levels by 2050 or 70 percent below Washington's current predicted emissions for 2050. With half of the Puget Sound region's GHG emissions coming from transportation activities, PSRC's VISION 2050 calls for developing a more sustainable transportation system. The transportation policies in VISION 2050 call for reducing pollution through cleaner fuels; promoting additional transit service; and promoting land use development patterns that shift trips from driving alone to transit, walking, and biking (PSRC 2020a). Washington state law sets goals to decrease the annual per capita VMT by 30 percent by 2035 and 50 percent by 2050 (RCW 47.01.440).

TDLE is expected to reduce dependency on single-occupancy vehicles, slow down growth in VMT, conserve energy, and reduce GHG emissions, helping to achieve Washington state's GHG emissions goals.

1.3 Planning History of the TDLE Corridor

High-capacity transit between Seattle and Tacoma has been included in Sound Transit's Sound Move, Sound Transit 2, and Sound Transit 3 regional transit system plans. The Sound Transit 2 Plan built upon Sound Transit's first phase of investment in the region's mass transit system, Sound Move. The Sound Transit 2 Plan added regional express bus and commuter rail service while including 36 additional miles of light rail to form a 55-mile regional system. The Sound Transit 2 Plan included studying high-capacity transit in the Federal Way to Tacoma corridor to inform the future expansion plans that are part of the Sound Transit 3 Plan.

The Sound Transit 3 Plan would add 62 new miles of light rail to the Puget Sound regional system, totaling approximately 116 miles. Sound Transit 3 extends light rail from Federal Way to Tacoma, as well as to Everett, South Kirkland, Issaquah, downtown Redmond, and the Seattle neighborhoods of West Seattle and Ballard. Express bus and commuter rail service expansion was also included in the Sound Transit 3 Plan. Table 1-1 lists the previous plans and studies of high-capacity transit service expansion between Seattle and Tacoma.

Table 1-1 History of Plans and Studies in the TDLE Corridor

Year	History
1996	**Regional Transit Long-Range Vision:** Sound Transit adopted, and the voters approved, funding for the Sound Move Plan (Sound Transit 1996), which identified a potential rail extension between Federal Way and Tacoma.
2004	**Central Puget Sound Region High-Capacity Transit Corridor Assessment:** PSRC analyzed data to assess high-capacity transit modes in the study corridors, including SeaTac to Tacoma. The assessment concluded that high-capacity transit would support the long-range land use plans and the projected growth in Tacoma, Federal Way, and SeaTac (PSRC 2004).
2005	**Regional Transit Long-Range Plan Update**: Sound Transit published a supplemental EIS and approved the Long-Range Plan Update (Sound Transit 2005a and 2005b), which included potential rail extensions from Central Link to Tacoma Dome Link. Issue Paper S.1: Tacoma Link (now T Line) Integration with Central Link was completed in March 2005 and summarized how a light rail extension between Seattle and Tacoma could be phased and implemented.
2008	**Sound Transit 2 Plan:** Sound Transit adopted the plan and prepared the Sound Transit 2 South Corridor Design Report, which studied light rail transit between S 200th Street and the Tacoma Dome Station along the I-5 and SR 99 corridors (Sound Transit 2008). The corridor was considered in two sections, S 200th Street to Federal Way Transit Center, and Federal Way Transit Center to Tacoma Dome.
2014	**Regional Transit Long-Range Plan Update:** Sound Transit updated its long-range plan and prepared a SEPA Final Supplemental EIS (Sound Transit 2014a and 2014b). This update identified regional light rail extension between Federal Way and Tacoma in the TDLE corridor.
2014	**Federal Way to Tacoma High-Capacity Transit Corridor Study:** Sound Transit completed this study, which evaluated options to provide high-capacity transit service between the Federal Way Transit Center and the Tacoma Dome Station area (Sound Transit 2014c and 2014d).
2016	**Sound Transit 3 System Plan**: Sound Transit adopted the Sound Transit 3 Plan, which included an extension of light rail from the Federal Way Transit Center to the Tacoma Dome, with stations in the South Federal Way, Fife, East Tacoma, and Tacoma Dome areas (Sound Transit 2016). Operations planning also identified the need for an operations and maintenance facility to serve the south corridor and elements of the entire Link light rail system.
2020	**VISION 2050:** PSRC adopts VISION 2050, which identifies light rail in the project corridor and incorporates a focus on locating growth near high-capacity transit facilities.

EIS = Environmental Impact Statement.
PSRC = Puget Sound Regional Council.
SEPA = State Environmental Policy Act.
TDLE = Tacoma Dome Link Extension.

The transportation mode and corridor served by TDLE were identified through the multiyear planning process for the Regional Transit Long-Range Plan and Sound Transit 3. Based on prior studies listed in Table 1-1 and public involvement, the Sound Transit Board adopted the Sound Transit 3 Plan in June 2016, which included light rail transit as the mode to serve the South Corridor connecting Seattle to Tacoma as part of the regional light rail system.

1.4 Next Steps and Schedule

1.4.1 Project Schedule

Figure 1-3 shows the anticipated schedule milestones for construction of TDLE. The forecasted in-service date for TDLE is 2035, with parking at the South Federal Way and Fife stations opening by 2038, per the system expansion realignment plan adopted by Sound Transit Board Resolution R2021-05.

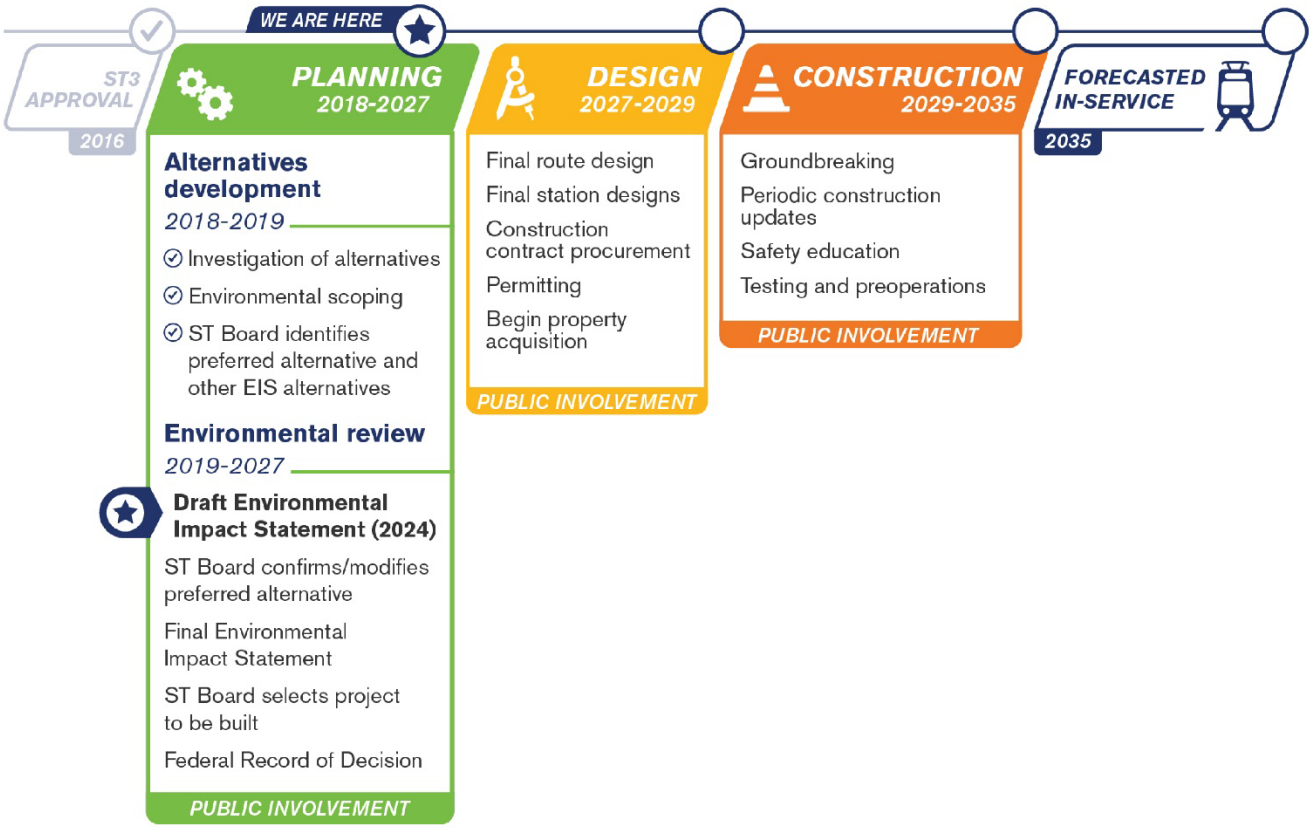

Figure 1-3 Project Milestones

1.4.2 Draft EIS Review and Comment

The Draft EIS is available at Sound Transit offices, online, and at public places listed in the Fact Sheet. Please see the Fact Sheet at the beginning of this Draft EIS for details, including how to submit comments during the 60-day formal public comment period.

1.4.3 Final EIS and Project Decision

Sound Transit and FTA will prepare a Final EIS that analyzes the Preferred Alternative along with the other alternatives evaluated in the Draft EIS. The Final EIS will include and respond to the substantive comments received on the Draft EIS. It will also describe proposed environmental commitments to mitigate project impacts. After the Final EIS is published, the Sound Transit Board will select the project to be built. FTA is anticipated to publish a Record of Decision (ROD) for the project, which would document its findings that the project has met the requirements of NEPA and related environmental regulations. The ROD would describe FTA's environmental determination on the project, the project description, the alternatives considered, the basis for the decision to approve the project, and the required environmental commitments. Issuance of the ROD completes FTA's NEPA process and is a prerequisite for federal funding or approvals.

1.4.4 Benefits and Disadvantages of Delaying Project Implementation

As required by SEPA, this section discusses the benefits and disadvantages of delaying the proposed project instead of approving it now.

Delaying the project would postpone impacts associated with project construction but would also postpone realizing a major component of the region's long-range plans for managing growth and transportation and the opportunity to link neighborhoods with Puget Sound regional employment centers. Delay would limit economic development from the movement of people and goods and allow projects to develop that might preclude or increase the cost of TDLE.

A substantial delay in implementing TDLE would inhibit the region's ability to accommodate growth, as articulated in local and regional plans. This would lead to a number of other consequences, including changed development patterns, steadily increasing corridor roadway congestion, and deteriorating transit performance and reliability, with related air quality issues and higher energy usage.

2 ALTERNATIVES CONSIDERED

This chapter describes the alternatives evaluated for the TDLE Draft EIS and how they were developed. The analysis is designed to help elected officials, agency decision-makers, community leaders, and the public understand the range of environmental impacts that could result from the proposal.

The purpose and need described in Chapter 1 served as the basis for developing the project alternatives. After consideration of the Draft EIS and public comments, the Board will identify the Preferred Alternatives for evaluation in the Final EIS. The Board will select the project to be built after the completion of the Final EIS. At that time, the Board can select from any of the alternatives or design options in the EIS.

The Draft EIS evaluates multiple build alternatives in the project corridor, including different alignments and station options. The Draft EIS also evaluates a No-Build Alternative. The No-Build Alternative allows an analysis of the potential impacts of not building TDLE and provides a basis for comparing the build alternatives with a future baseline condition.

TDLE would connect with the terminus of the Federal Way Link Extension (FWLE) at the Federal Way Downtown Station and provide four stations: one in the South Federal Way Segment, one in the Fife Segment, and two in the Tacoma Segment. Sound Transit developed the TDLE alternatives through an early scoping, scoping, and alternatives development process during 2018 and 2019 that included Tribal, agency, and public input, which resulted in the Board's 2019 action that identified alternatives to study in the Draft EIS. As part of advancing the environmental analysis and conducting additional engagement activities, additional alignments and station options were identified to be studied in the Draft EIS in 2023. Section 2.4 presents additional details on this process, alternatives evaluated, and alternatives not carried forward. The Sound Transit Board identified preferred alternatives and other alternatives to study in the Draft EIS. Design options — different configurations of the route along a portion of the alignment or different configurations of a station — were also developed.

Federal Way Downtown Station

As part of the Federal Way Link Extension, the Sound Transit Board named the station located at the Federal Way Transit Center site as the Federal Way Downtown Station.

2.1 Build Alternatives

TDLE would extend from just south of the Federal Way Downtown Station to the Tacoma Dome vicinity and has been divided into four segments for purposes of this analysis (Figure 1-1):

- Federal Way.
- South Federal Way.
- Fife.
- Tacoma.

The South Federal Way, Fife, and Tacoma segments travel across ancestral and reservation lands of the Puyallup Tribe of Indians. The Puyallup Tribe of Indians is a federally recognized Tribe and, as a sovereign nation, requires government-to-government consultation.

The Draft EIS evaluates the build alternatives, which are discussed by segment in Sections 2.1.2.1 through 2.1.2.4. The light rail guideway would be primarily elevated, with stations located in south Federal Way, Fife, and the two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome station area). Park-and-ride facilities are planned near the stations in the South Federal Way and Fife segments.

The Draft EIS also includes a No-Build Alternative, which is discussed in Section 2.2.

2.1.1 Components of Build Alternatives

This section describes the components common to the build alternatives and then describes in detail the alignments and the stations associated with each alternative, including park-and-ride facilities and other station access components. The build alternatives in the Draft EIS were developed through a collaborative alternatives development process that is summarized in Section 2.4 and described in detail in Appendix I, Alternatives Development Supporting Documents.

All light rail alternatives would operate on a fixed guideway in exclusive right-of-way, outside of traffic, with no at-grade street crossings. Trains would arrive at stations as often as every 5 minutes in each direction, with track speeds of up to 55 miles per hour. The transit right-of-way for the guideway would typically be 30 to 40 feet wide, with two sets of tracks — one northbound track and one southbound track. The transit right-of-way includes room for the poles and overhead catenary system needed to power the trains. In addition, the transit right-of-way would be wider in some sections to accommodate stations and station access facilities, traction power substations (TPSSs), signal bungalows, maintenance driveways, noise walls, and emergency access points, with walls or barriers to restrict other access. Emergency access points would be approximately every 2,500 feet. Alternatives along I-5 would require construction of new limited-access roads to access and maintain the guideway.

Elevated structures would require support columns or other bridging support structures. For at-grade guideway in areas with slopes, retaining walls might be needed next to an adjacent hillside to support fill material below the guideway. In some places, sound walls would be added to the guideway, to retaining walls, or at ground level to reduce noise impacts. Stormwater management features and various infrastructure realignments and improvements would also be completed as part of all alternatives. In addition to the space required for elevated structures and supporting facilities, this profile requires a zone about 15 feet wide on both sides of the guideway tracks that is free of overhanging vegetation. Depending on the profile type and site conditions, the width of this zone may vary. Sound Transit would allow limited vegetation, such as shrubs and ground cover, within this zone.

2.1.1.1 Profiles

The profile along the TDLE corridor would be primarily elevated, with at-grade sections based on topography and other features. There may be short sections of retained-cut or retained-fill depending on topography and transitions between elevated and at-grade sections. These profiles are shown in Figure 2-1.

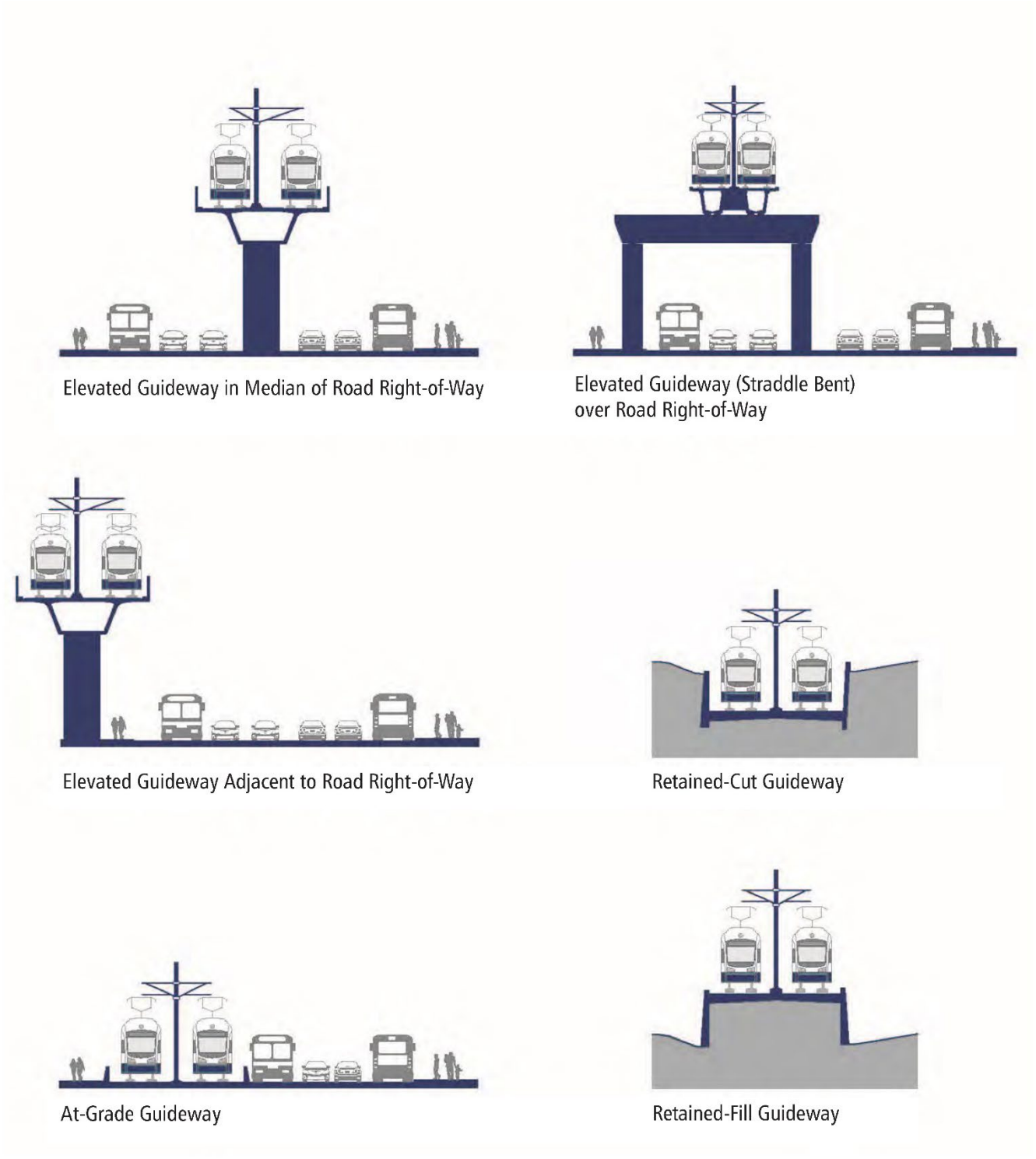

Figure 2-1 Typical Elevated, At-Grade, Retained-Cut, and Retained-Fill Guideway

Elevated

An elevated guideway must have a minimum clearance of at least 16.5 feet over roadways and 23.5 feet over railways, but topography and other considerations can result in a profile as high as 50 feet or more. Pier supports holding up the guideway are typically about 10 feet by 10 feet square at the ground; although the underground support structure may be wider. An elevated guideway can travel in the median of existing roadways, along the side of the roadway, or in off-street corridors. Typical elevated profiles are shown in Figure 2-1.

At-Grade

At-grade light rail is most appropriate for long, relatively flat sections where exclusive right-of-way is available. This project would have an at-grade profile for short sections within Washington State Department of Transportation's (WSDOT's) right-of-way in Federal Way. A typical at-grade profile is shown in Figure 2-1. There would be no proposed at-grade road crossings for any of the build alternatives.

Retained-Cut

With retained-cut profile, the guideway is cut into the ground with a retaining wall on one or both sides (Figure 2-1).

Retained-Fill

Where the guideway transitions between at-grade and elevated, or due to topography, there are often retained-fill sections. Retained-fill sections are slightly higher than ground level and supported by retaining walls (Figure 2-1).

2.1.1.2 Stations

The project includes four light rail stations; all stations would be elevated and provide entrances at each end of the station. Boarding platforms about 380 feet long would serve four-car trains with center platforms (in the center with tracks on both sides) or side platforms (on the outer side of the tracks). Escalators, elevators, and stairs would provide access to the elevated platforms. All stations would meet Americans with Disabilities Act (ADA), National Fire Protection Association (NFPA) 130, local fire code, and local building code and adhere to Sound Transit's station experience design guidelines for public access, and safety requirements.

Stations with parking facilities would provide approximately 500 parking spaces in either a garage or surface parking configuration.

Where appropriate, Sound Transit would facilitate transit oriented development (TOD) with local jurisdictions and potential development partners in accordance with Sound Transit's Equitable Transit Oriented Development Policy (Sound Transit 2018a). Additional discussion about TOD is included in Sections 4.2.3.4 and 4.3.3.4.

Access

TDLE riders could access stations by bus, automobile, bicycle, and walking. At the station near the Tacoma Dome, riders could also access the light rail station by other rail transit modes, including Sounder commuter rail, Amtrak regional and national rail, and Tacoma Link light rail. Sound Transit, King County Metro, Pierce Transit, Kitsap Transit (not presently in operation), and Intercity Transit would provide service based on the TDLE Conceptual Transit Service Plan, described in further detail in Appendix J1, Transportation Technical Report. Bus transit facilities would be provided at or near all TDLE stations. There are multiple options for bus transit facilities in the Tacoma Dome station area that could be included with any of the build alternatives. Each build alternative in the Tacoma Dome station area includes at least one bus transit option.

System Access Program

In September 2019, the Board provided $40.6 million in the Sound Transit District to award funds to local jurisdictions and agencies who will lead the design, construction, operation, and maintenance of potential access projects in broader station areas. This program, called the System Access Program, is intended to fund projects that make it easier and more convenient for people to get to Sound Transit facilities. Potential nonmotorized and station access improvement projects are being defined in consultation with local jurisdictions to safely accommodate the projected increase in pedestrian and bicycle travel with TDLE. The potential nonmotorized projects are not part of TDLE, and no funding has been awarded by the Board for any of these potential access projects at this time. This Draft EIS does not evaluate the potential environmental impacts of these access projects. Once the access projects have been identified and refined by local jurisdictions in consultation with Sound Transit, the local agency will prepare the appropriate environmental review. Some of the nonmotorized improvements may be implemented by the Puyallup Tribe of Indians, cities, or others as lead agencies and require multi-agency funding partnerships to implement.

2.1.1.3 Other Facilities and Structures

TDLE would require other facilities and structures described in this section and shown in conceptual design drawings included in Appendix F, Conceptual Design Drawings. Specific locations of these facilities and structures could be refined during final design based on project needs.

Overhead Catenary System

An overhead catenary system delivers electricity to light rail vehicles. The overhead catenary system requires two wires for each track, supported on 15- to 23-foot-high steel poles about 150 to 200 feet apart (Figure 2-2). Poles may be as close as 50 feet apart where the guideway curves. The poles are typically located between the two tracks.

Figure 2-2 Typical Overhead Catenary System

Traction Power Substation

Traction power substations (TPSSs) boost the power to the overhead catenary system. The typical TPSSs are metal buildings about 20 feet wide by 60 feet long and 10 to 12 feet high, with an additional 10 to 20 feet of clearance required around each unit, screened by a wall or fence (Figure 2-3). TPSSs would be installed at each station and throughout the corridor approximately every 8,000 feet (or 1.5 miles). Each TPSS includes parking for maintenance purposes and fencing.

Figure 2-3 Traction Power Substation

Signal Bungalows

Signal bungalows contain signal system equipment and provide power to track switch machines and track circuits for train speed control and separation. They can be a separate, prefabricated structure or a room integrated within a station building. Stand-alone signal bungalows are about 32 feet long by 10 feet wide and include parking and security fencing (Figure 2-4).

Figure 2-4 Signal Bungalow

Tail Tracks, Pocket Tracks, Turnback Tracks, and Crossovers

Special trackwork, including tail tracks, pocket tracks, turnback tracks, and crossovers, is used along alignments to serve certain operational and maintenance purposes. Wider right-of-way sections may be required to accommodate special tracks. Tail tracks are tracks that extend past a terminus or interim terminus station far enough to allow the temporary layover of one four-car train, typically extending around 500 feet beyond the end of the station platform. Tail tracks would extend beyond the Tacoma Dome station for all alternatives in this segment, which would be the terminus for Link prior to potential further extensions of light rail to the south. A pocket track (Figure 2-5) is a track that sits between two mainline tracks and is connected to both tracks at either end.

Figure 2-5 Pocket Track

They provide maximum operational flexibility to temporarily store and stage trains off mainline tracks. A pocket track, measuring approximately 850 feet, at the station in South Federal Way would be connected to the mainline tracks at each end and in the middle so that two trains can use the pocket track independent of each other. The purpose of this pocket track is to allow some trains from Seattle to South Federal Way to turn back to Seattle while other trains continue to Tacoma.

Figure 2-6 Crossover Tracks

Crossover tracks connect two parallel tracks and allow trains to change safely from one track to the other (Figure 2-6). TDLE would include crossovers adjacent to all stations to allow for maintenance that requires removing one track from service to bypass a stalled train, to turn trains in the opposite direction, or to operate in the event of emergencies or blockages. Crossover tracks and pocket tracks require special signaling control equipment under or adjacent to the guideway.

Figure 2-7 Hi-Rail Access Vehicle

Hi-Rail Access

Hi-rail vehicles used for track, guideway, and overhead catenary system inspection and maintenance can operate on both rail tracks and conventional roads (Figure 2-7). Hi-rail vehicle access would be provided in various locations along the project corridor, approximately every 2.5 miles. Generally, hi-rail access would be provided in locations where the guideway would be close to or at-grade, accessible from an adjacent access road. Where hi-rail access is needed on an elevated guideway, Sound Transit may design access that would start at-grade and transition to an elevated structure (on retained fill or columns), to reach the height of the guideway. General maintenance roads (not specific to hi-rail access) would also be provided to allow for maintenance of other elements of the project (such as bridge structures and retaining walls) as needed from public right-of-way.

Stormwater Facilities

Stormwater facilities for the project would include flow-control and water quality treatment facilities. Water quality treatment would be provided for roadway and/or station runoff where discharges flow into a storm drain. If these areas discharge to a combined sewer system, water quality treatment is not required, as the runoff collected in these systems is directed to a wastewater treatment plant. Stormwater flow control vaults or ponds would be provided for roadway improvements, the guideway, and stations. The flow-control vaults would control the volume, rate, frequency, and flow duration of stormwater runoff. Stormwater vaults consist of concrete boxes installed below ground level, with access covers or grates at the surface.

2.1.1.4 Designing for Climate Change Resilience

In order to design the project for resilience to increased localized flood risk and sea level rise due to climate change, Sound Transit developed a technical memorandum to support the agency's climate change planning and adaptation efforts, Projected Changes in Key Drivers of Climate Change for the Puget Sound Region: An Updated Overview (Sound Transit 2022). Sound Transit seeks to design projects to protect structures and station components from potential flooding. Sound Transit is also assessing how flood risk and sea level rise may affect resilience of proposed designs and design standards for the project alternatives. By assessing climate-related changes and vulnerabilities in the project planning stages, Sound Transit can prepare for them and include adaptation measures to support resilient infrastructure and operations. Examples of potential adaptations include installing sensors to monitor track temperature, including air conditioning or shading around signal boxes, and raising ground level infrastructure in flood-prone areas.

2.1.1.5 Operations and Maintenance

Vehicles and Operation

TDLE would operate 20 hours per day Monday through Saturday and 19 hours on Sundays. Train frequency would vary during the day based on ridership demand, operational capacity, and service standards. Table 2-1 shows the proposed service schedule for weekdays in 2035 and 2042. Trains would operate with four cars. Service levels are approximate and subject to change pending budget availability. A typical Link light rail train is shown in Figure 2-8. During special events at the Tacoma Dome, additional service could be provided to accommodate riders traveling to and from events.

Figure 2-8 Link Light Rail Train

Table 2-1 Weekday Service Schedule (2035 and 2042)

Service Period	Time Period	Service Level	2035 Train Headway[1] (minutes)	2042 Train Headway[1] (minutes)
Early morning	5 to 6 a.m.	Early	12	12
Morning peak	6 to 9 a.m.	Peak	6	5
Midday	9 a.m. to 2:30 p.m.	Base	10	10
Afternoon peak	2:30 to 6:30 p.m.	Peak	6	5
Evening	6:30 to 10 p.m.	Base	10	10
Evening to late night	10 p.m. to 1 a.m.	Late	15	15

Note:
(1) A headway is the amount of time between two vehicles passing the same point while traveling in the same direction on a transit route.

Maintenance

By 2032, Sound Transit plans to have three operations and maintenance facilities (OMFs) to serve the light rail system fleet storage and maintenance needs. OMF Central (Forest Street) in Seattle has been in operation since light rail service began in 2009. OMF East in Bellevue was completed in 2020 and began supporting East Link starter line operations in 2024. A third OMF facility (OMF South) is planned in the south corridor, as described further below.

In addition to the vehicle storage capacity at an OMF, trains could potentially be stored on the elevated tail tracks, on station platform areas, or on a pocket track near the end of the line at the close of service each night. Support facilities at the stations may include parking for light rail operators and office space for operator check-in facilities. They may also have space for vehicle service personnel and equipment to allow for daily vehicle inspections and interior cleaning of vehicles. Vehicle, track, and systems maintenance occurs between 1 and 5 a.m. daily, outside of normal hours of light rail service. Additionally, some infrequent system maintenance activities, such as rail grinding, occur on a periodic basis.

OMF South

OMF South would be used initially to receive, test, and commission light rail vehicles with the systemwide expansion and then to store, maintain, and dispatch about 144 light rail vehicles for daily service. FTA and Sound Transit published a Final EIS for OMF South in June 2024. Later in June 2024, the Sound Transit Board selected the Preferred South 336th Street Alternative as the project to be built, and FTA issued a Record of Decision (ROD) for the project in August 2024. These documents are available on Sound Transit's website at https://www.soundtransit.org/system-expansion/operations-maintenance-facility-south.

As shown in Figure 2-9, the OMF South project includes 1.4 miles of light rail guideway from the Federal Way Downtown Station to the OMF South site. This portion of guideway is also included as part of the TDLE alternatives in the Federal Way Segment. While the 1.4-miles of light rail guideway is planned to be constructed by the OMF South, due to the timing of the Board action selecting the OMF South project to be built in relation to writing of this TDLE Draft EIS, impacts for constructing the 1.4-mile portion of the guideway are included in this TDLE Draft EIS.

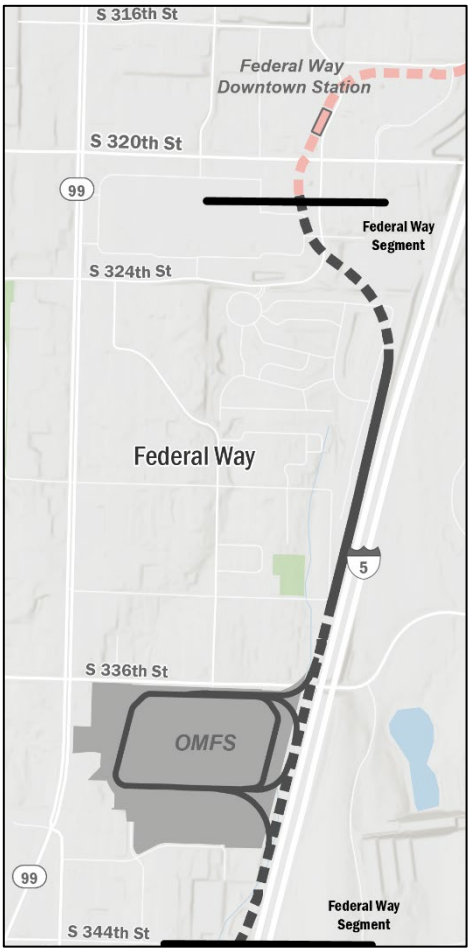

Figure 2-9 OMF South

2.1.2 Build Alternatives and Options

This section describes the build alternatives for TDLE and notes where a preferred alternative has been identified. The build alternatives were developed as described in Section 2.4 and Appendix I, Alternatives Development Supporting Documents. The build alternatives are based on the conceptual engineering design drawings included in Appendix F, Conceptual Design Drawings. Conceptual engineering reflects an approximate 10 percent level of design. The design may be refined based on additional project information, coordination with Tribes and agencies, and public input.

Table 2-2 summarizes the various alternatives and design or station options for each of the TDLE segments. Design or station options represent different configurations of the route along a portion of an alternative alignment or a different configuration of a station design that could be incorporated with the build alternatives. Depending on the alternatives or options selected, 85 to 100 percent of the TDLE guideway would be elevated. All stations would accommodate bus transit connections, passenger pickup and drop-off zones, and appropriate pedestrian and bicycle facilities. Travel time between the stations in South Federal Way and Tacoma Dome is anticipated to take approximately 20 minutes.

The build alternatives include parking facilities at the stations in South Federal Way and Fife. As identified in Sound Transit Board Resolution R2021-05, the 500-space structured or surface parking facilities could be deferred until 2038, approximately 3 years after service is forecast to begin in 2035. While the Sound Transit Board will consider options to deliver affordable parking as part the annual program review, there are two interim conditions evaluated in this Draft EIS:

- No Parking on Opening Day: Under this interim condition, no parking would be provided at the Fife and South Federal Way stations until 2038. Property acquired for construction staging and identified for future parking facilities would be retained by Sound Transit and secured for up to 3 years prior to development.
- Interim Surface Parking: Under this interim condition, some surface parking would be provided between 2035 and 2038, based on available land in each station area and subject to the Board's determination that such parking is affordable. Up to 500 surface parking spaces at the stations in South Federal Way and Fife would be provided on portions of available land sometime between 2035 and 2038 prior to constructing the 500-space structured or surface parking facilities.

Table 2-2 Summary of TDLE Alternatives and Design Options Evaluated in Draft EIS

Alternative	Station Name	Station Location
Federal Way Segment		
FW Preferred Enchanted Parkway	Not applicable	Not applicable
FW Preferred Enchanted Parkway with FW Design Option[1]	*Not applicable*	*Not applicable*

Table 2-2 Summary of TDLE Alternatives and Design Options Evaluated in Draft EIS (continued)

Alternative	Station Name	Station Location
South Federal Way Segment[2, 3]		
SF Enchanted Parkway	SF Enchanted Parkway Station	Enchanted Parkway S and S 352nd Street
	SF 352nd Span Station Option	*Enchanted Parkway S spanning S 352nd Street*
SF I-5	SF I-5 Station	I-5 and S 356th Street
SF 99-West[4]	SF 99-Enchanted Station	Enchanted Parkway S and S 352nd Street
SF 99-West[4] with Porter Way Design Option	*SF 99-Enchanted Station*	*Enchanted Parkway S and S 352nd Street*
SF 99-East[4]	SF 99-352nd Station	Between S 352nd Street and S 356th Street east of SR 99
SF 99-East[4] with Porter Way Design Option	*SF 99-352nd Station*	*Between S 352nd Street and S 356th Street east of SR 99*
Fife Segment[2]		
Fife Pacific Highway	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*West of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Spanning 54th Avenue between Pacific Highway and 12th Street E*
Fife Pacific Highway Median (Fife Median)	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*Design option for guideway alignment would be slightly further south between 54th and 51st Avenue E, with the station option west of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Design option for guideway alignment would be slightly further south between 59th and 51st Avenue E, with the station option spanning 54th Avenue between Pacific Highway and 12th Street E*
Fife I-5	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*Design option for guideway alignment would be slightly further south between 54th and 52nd Avenue E, with the station option west of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Design option for guideway alignment would be slightly further south between 59th and 52nd Avenue E, with the station option spanning 54th Avenue between Pacific Highway and 12th Street E*

Table 2-2 Summary of TDLE Alternatives and Design Options Evaluated in Draft EIS (continued)

Alternative	Station Name	Station Location
Tacoma Segment		
Preferred Tacoma 25th Street-West	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Preferred Tacoma 25th Street-West Station	Above E 25th Street between East G Street and East D Street
Tacoma 25th Street-East	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma 25th Street-East Station	Above E 25th Street between McKinley Avenue E and East G Street
Tacoma Close to Sounder	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma Close to Sounder Station	Adjacent to Sounder right-of-way at East G Street and E 25th Street
Tacoma 26th Street	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma 26th Street Station	Above E 26th Street at East D Street

Notes:

(1) Design and station options are shaded and shown in *italics*.

(2) Parking at the stations in South Federal Way and Fife may be deferred until 2038. Depending on funding availability, however, some amount up to 500 spaces may be provided between 2035 and 2038.

(3) SF is used as the abbreviation for South Federal Way in the alternative and station naming.

(4) The SF 99-Enchanted and SF 99-352nd station locations could be paired with either of the SF 99 alternatives.

2.1.2.1 Federal Way Segment

In the Federal Way Segment (FW), there is one build alternative and a design option (Figure 2-10). The FW Enchanted Parkway Alternative would begin at the terminus of the Federal Way Link Extension, curve east at S 324th Street to I-5, and parallel I-5 to S 344th Street. This alignment is part of the Preferred Alternative for TDLE. The FW Design Option would modify the guideway curve near S 324th Street to accommodate higher train speeds through this section.

OMF South

As described in Section 2.1.1.5, the OMF South project includes the same 1.4-mile portion of guideway from the Federal Way Downtown Station to S 344th Street as the alternatives in the TDLE Federal Way Segment. Project development and environmental review for the OMF South and TDLE projects began concurrently; however, OMF South recently completed environmental review. In June 2024 FTA and Sound Transit issued the OMF South Final EIS and the Sound Transit Board selected to build the Preferred South 336th Street Alternative. FTA issued the OMF South Record of Decision in August 2024. Based on the Sound Transit Board action, the 1.4-mile portion of guideway will be constructed as part of the OMF South project. Due to the timing of the OMF South Board Action in relation to the writing of this TDLE Draft EIS, construction and operational impacts for this portion of track are included in the TDLE Draft EIS.

2.1.2.2 South Federal Way Segment

In the South Federal Way Segment, there are four build alternatives (Figure 2-11):

- South Federal Way (SF) Enchanted Parkway Alternative, which includes the SF Enchanted Parkway Station.
- SF I-5 Alternative, which includes the SF I-5 Station.
- SF 99-West, which includes the SF 99-Enchanted Station.
- SF 99-East, which includes the SF 99-352nd Station.

The SF Enchanted Parkway Alternative also includes a station option spanning S 352nd Street (SF 352nd Span Station Option).

An alignment design option called the Porter Way Design Option could be paired with either the SF 99-West or SF 99-East alternative. This design option would curve farther to the east. The SF 99-West and SF 99-East alternatives could be paired with either the SF 99-Enchanted Station or SF 99-352nd Station.

SF Enchanted Parkway Alternative

The SF Enchanted Parkway Alternative would begin at S 344th Street on the west side of I-5. It would then head southwest toward Enchanted Parkway S to an elevated station on the northwest corner of Enchanted Parkway S and S 352nd Street (SF Enchanted Parkway Station). It would continue south along Enchanted Parkway S until the alignment returns to the west side of I-5, where it would continue south along the west side of I-5 to near the Fife city limits.

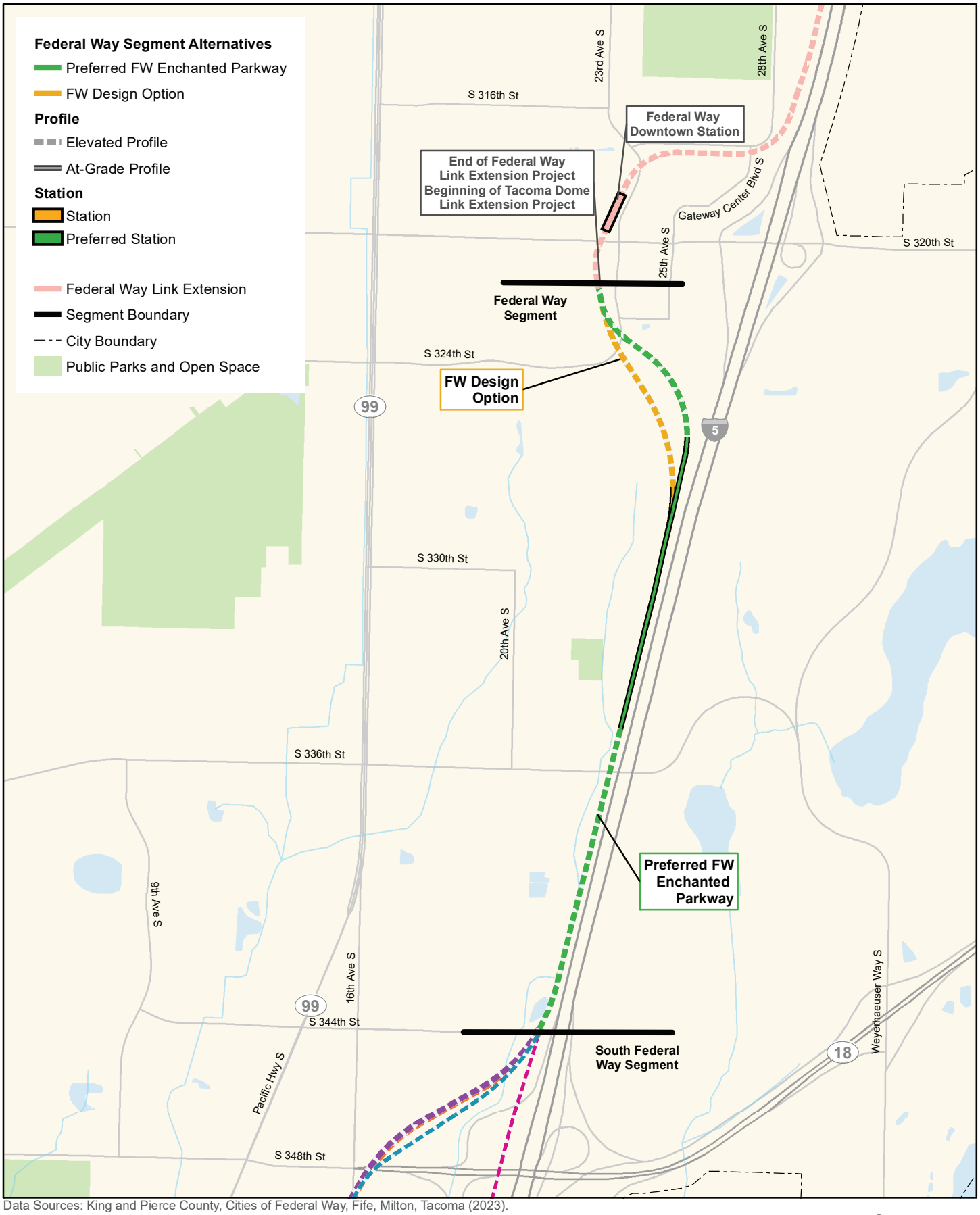

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 2-10
Federal Way Segment Alternatives

Tacoma Dome Link Extension

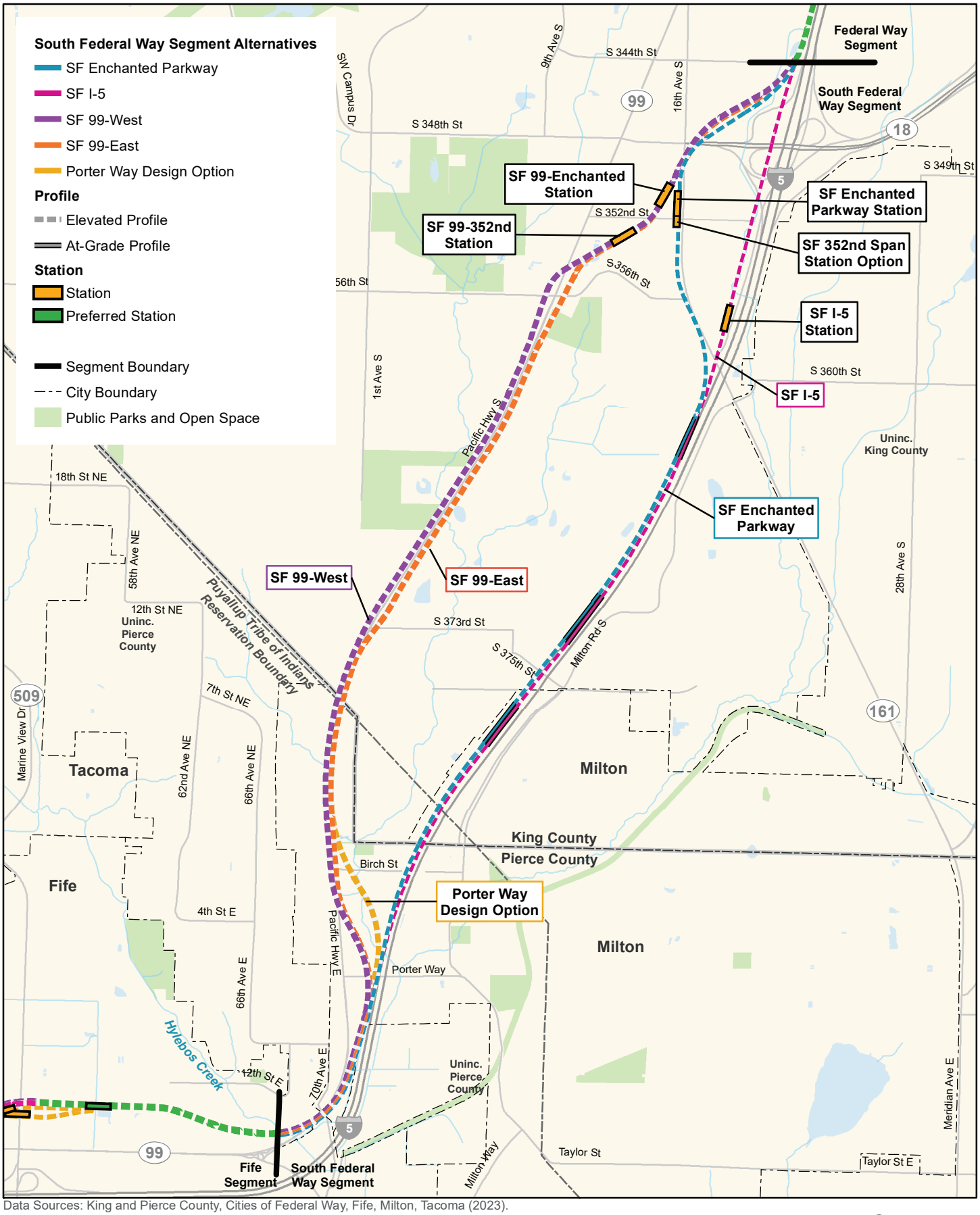

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 2-11
South Federal Way Segment Alternatives

Tacoma Dome Link Extension

The SF Enchanted Parkway Station and its platform would be elevated and located along the west side of Enchanted Parkway S, north of S 352nd Street (Figures 2-12 and 2-13). A station option is also being considered. The SF 352nd Span Station Option would also be on the west side of Enchanted Parkway S at S 352nd Street, but the elevated station platform would span across S 352nd Street (Figures 2-14 and 2-15).

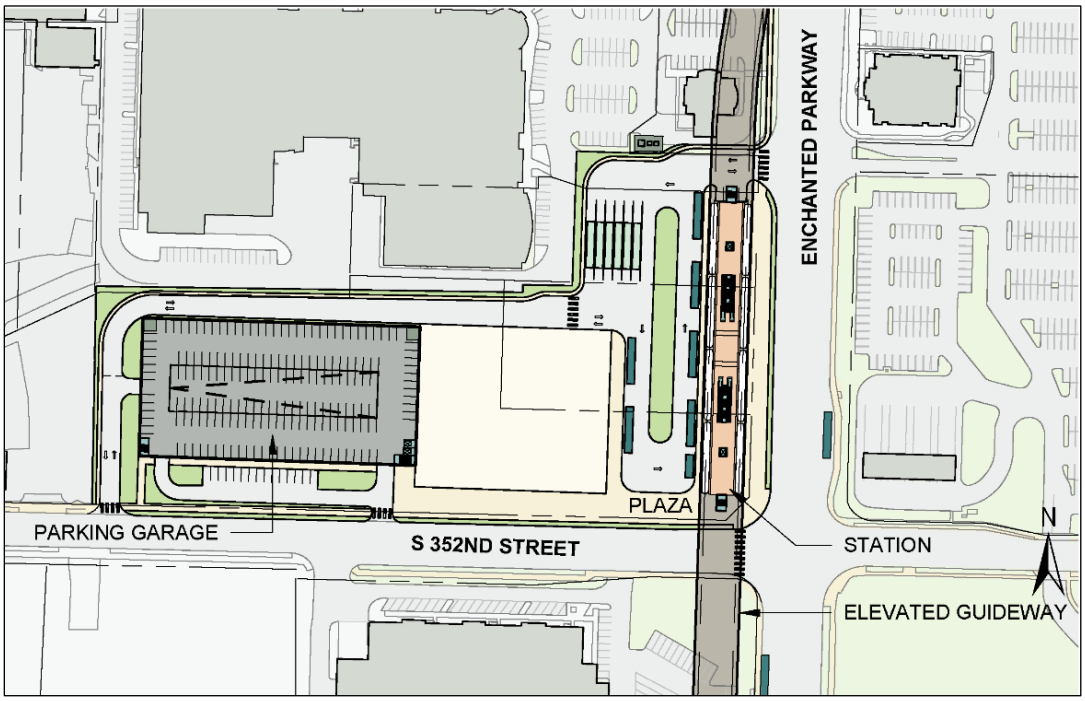

Figure 2-12 SF Enchanted Parkway Station with Parking Garage

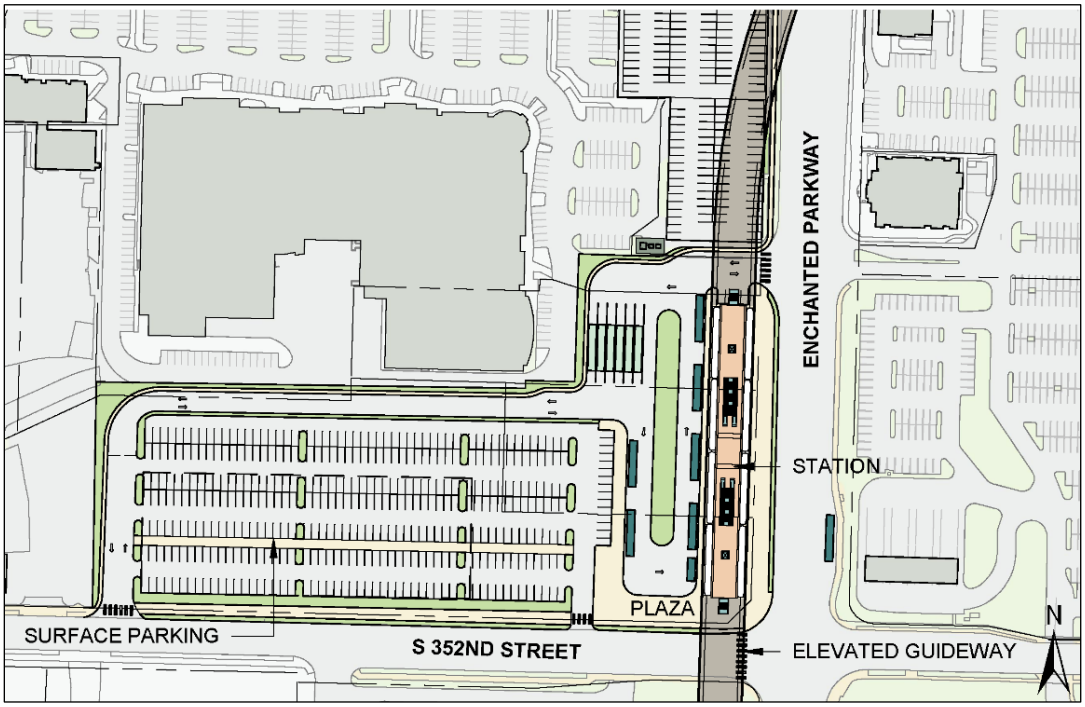

Figure 2-13 SF Enchanted Parkway Station with Surface Parking

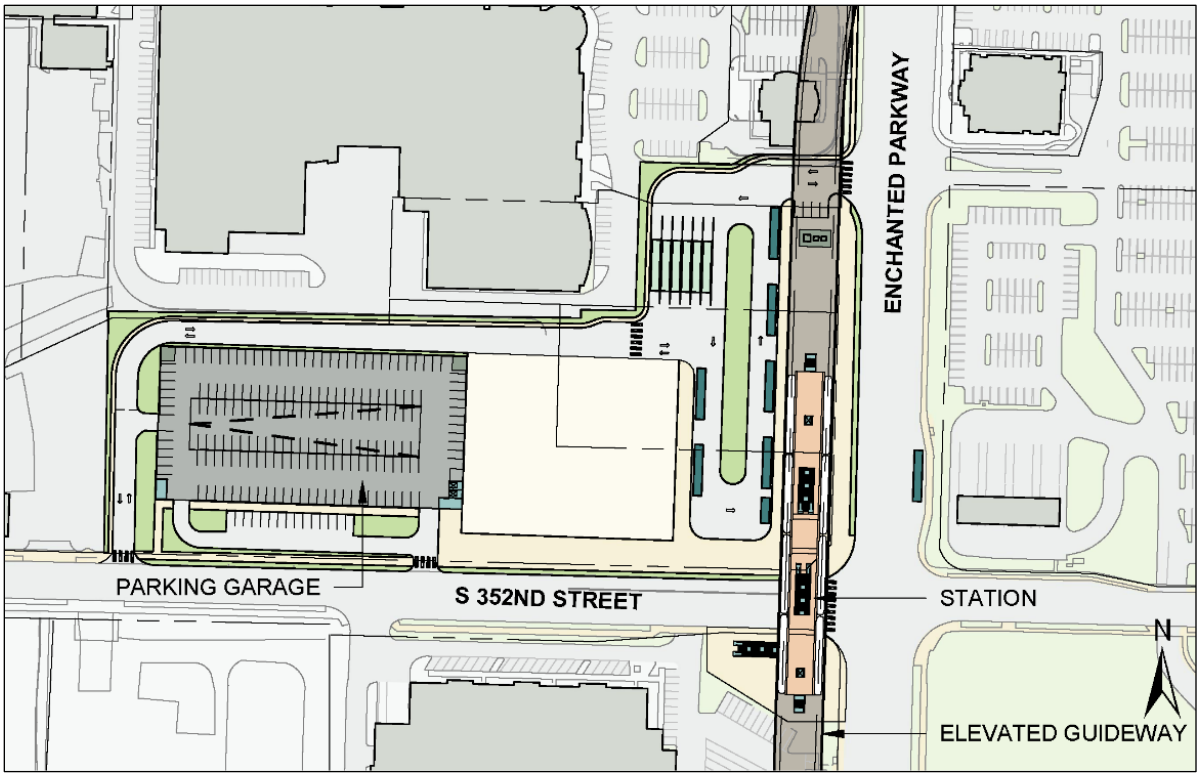

Figure 2-14 SF 352nd Span Station Option with Parking Garage

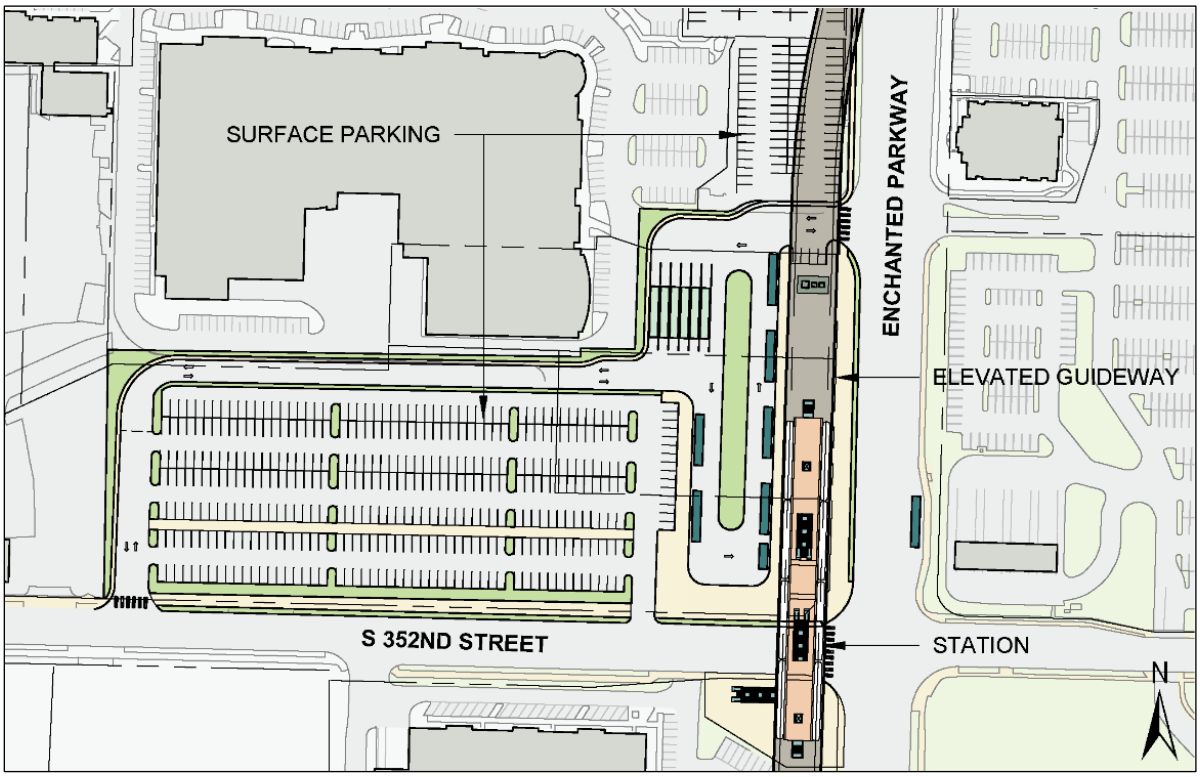

Figure 2-15 SF 352nd Span Station Option with Surface Parking

SF I-5 Alternative

The SF I-5 Alternative would begin at S 344th Street and follow the west side of I-5 to an elevated station (SF I-5 Station) adjacent to I-5, just north of where Enchanted Parkway S crosses I-5. South of the station, the alignment would continue along the west side of I-5 to near the Fife city limits.

The SF I-5 Station, shown in Figures 2-16 and 2-17, would be adjacent to a new southbound off-ramp to be constructed as part of WSDOT's I-5 SR 161/SR 18 Triangle Improvement Project (construction for this project is currently suspended by WSDOT). The station platform would be elevated, and entrances would be provided on both the north and south ends of the station. This station would also provide approximately 500 parking spaces in either a garage or surface parking configuration.

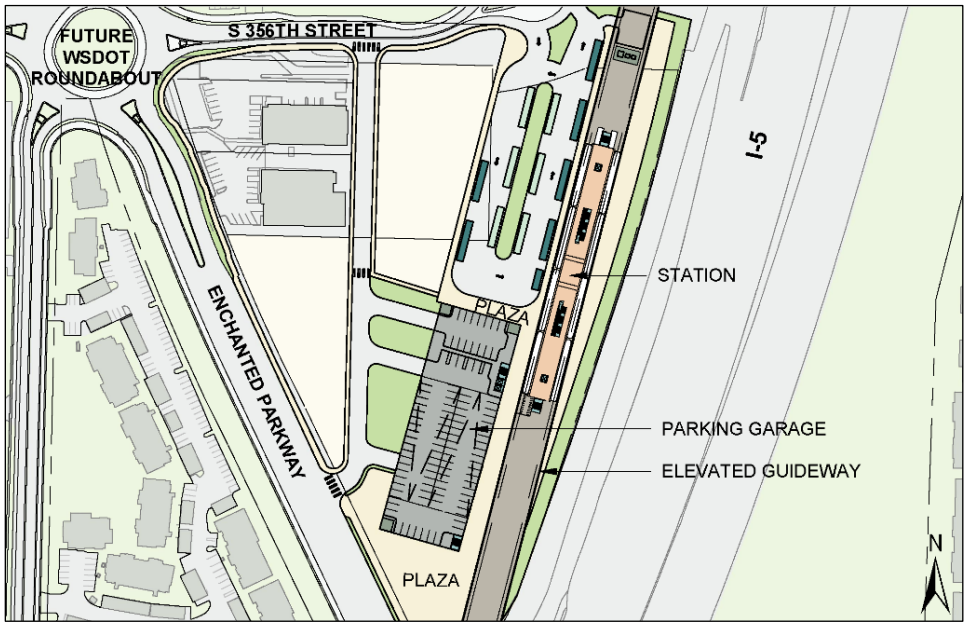

Figure 2-16 SF I-5 Station with Parking Garage

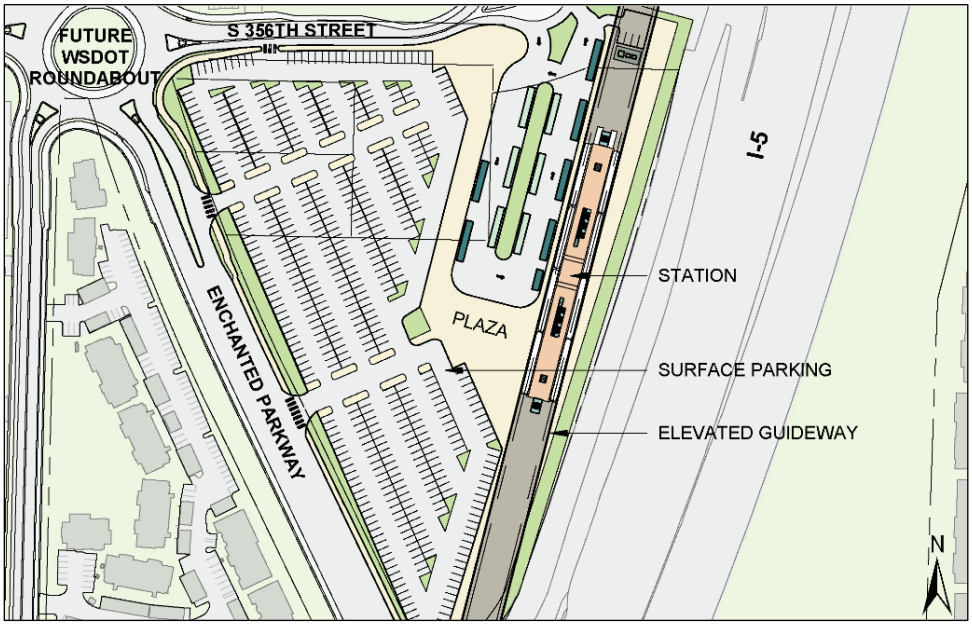

Figure 2-17 SF I-5 Station with Surface Parking

SF 99-West Alternative

The SF 99-West Alternative would begin at S 344th Street on the west side of I-5. It would then head southwest toward Enchanted Parkway S to an elevated station on the northwest corner of Enchanted Parkway S and S 352nd Street (SF 99-Enchanted Station). The alternative would continue southwest to reach Pacific Highway (SR 99) and continue along the west side of the roadway until the alignment reaches Birch Street in Milton. The alignment would then curve to return to the west side of I-5, where it would continue south to near the Fife city limits.

The SF 99-Enchanted Station and its platform would be elevated and located west of Enchanted Parkway S and north of S 352nd Street (Figures 2-18 and 2-19). Station entrances would be at both ends of the platform. The station would provide approximately 500 parking spaces in either a garage or surface parking configuration.

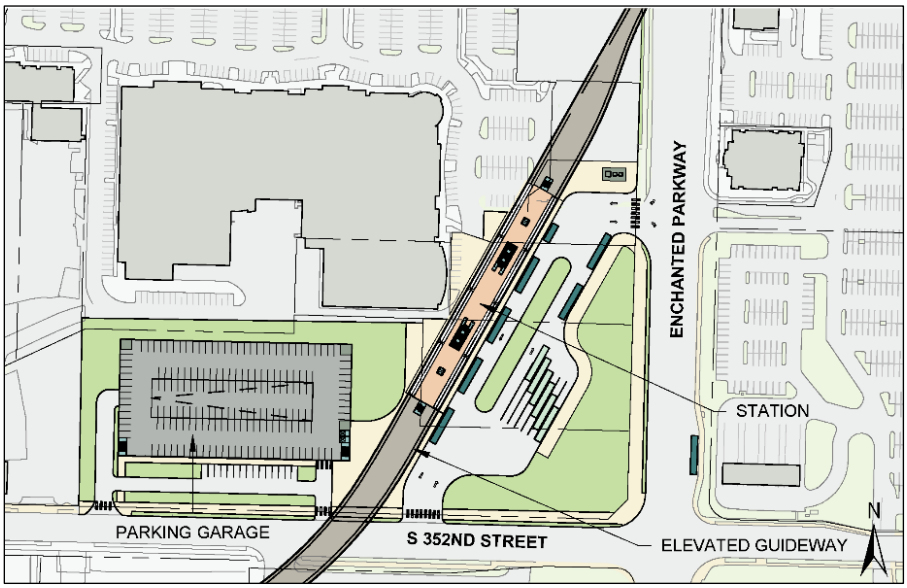

Figure 2-18 SF 99-Enchanted Station with Parking Garage

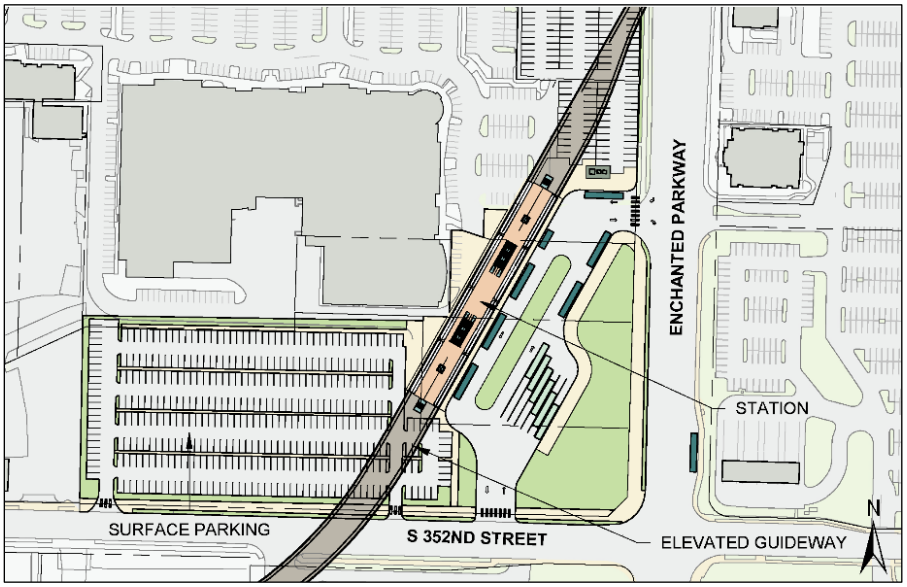

Figure 2-19 SF 99-Enchanted Station with Surface Parking

SF 99-East Alternative

The SF 99-East Alternative would begin at S 344th Street on the west side of I-5. It would then head southwest toward Enchanted Parkway S to an elevated station on the northwest corner of Enchanted Parkway S and S 352nd Street (SF 99-Enchanted Station). The alternative would continue southwest to reach SR 99 (Pacific Highway) and continue along the east side of the roadway to S 373rd Street, where the alignment would curve to run in the median of Pacific Highway until it reaches Birch Street in Milton. The alignment would then curve to return to the west side of I-5, where it would continue south to near the Fife city limits.

The SF 99-352nd Station and its platform would be elevated and located midway between Enchanted Parkway S and Pacific Highway, south of S 352nd Street (Figures 2-20 and 2-21). Station entrances would be at both ends of the platform.

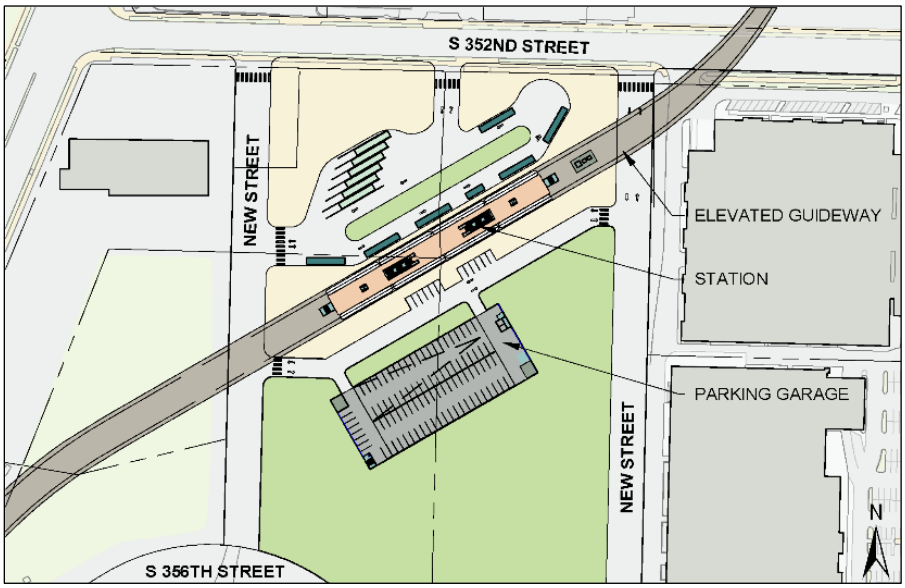

Figure 2-20 SF 99-352nd Station with Parking Garage

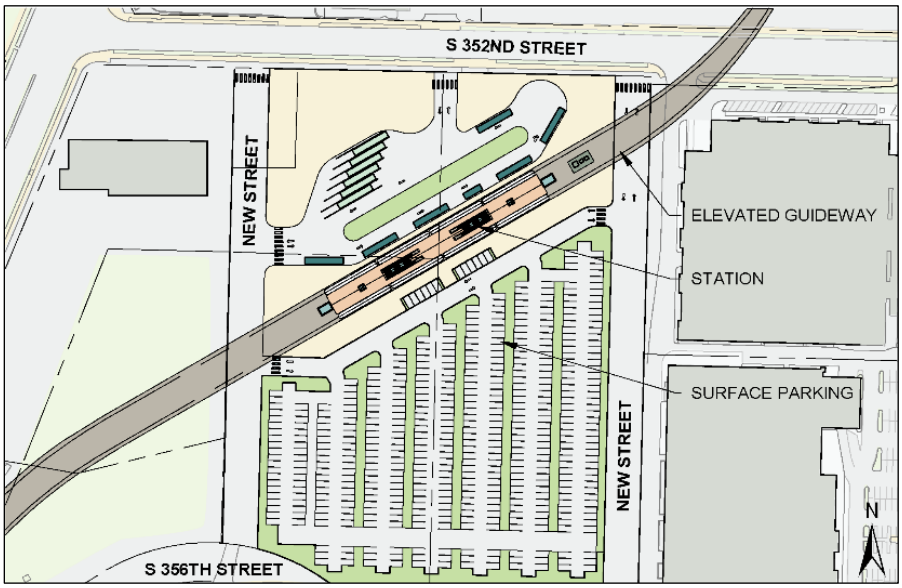

Figure 2-21 SF 99-352nd Station with Surface Parking

2.1.2.3 Fife Segment

In the Fife Segment, there are three build alternatives: Fife Pacific Highway, Fife Median, and Fife I-5 (Figure 2-22). All three of the alternatives in the Fife Segment share common sections that are identified as part of the Preferred Alternative, but no preferred alternative has been identified between the Fife Station and Port of Tacoma Road vicinity.

Preferred Alternative (common to all Fife alternatives)

The areas in the Fife Segment where a Preferred Alternative is identified are shown in Figure 2-22. The first area would extend from the Fife city limit near Wapato Way E to just west of the Fife Station. The second area would extend from just west of Port of Tacoma Road to the Fife/Tacoma city limit, where all alignments would travel on the north side of I-5.

The Fife Station is part of the Preferred Alternative and would be an elevated station, with the platform north of 15th Street E (Figures 2-23 and 2-24). The station would be on the west side of 59th Avenue E. Station entrances would be provided at both the east and west ends of the station. There would be approximately 500 parking spaces provided in either a garage to the north of the station platform or surface parking configuration to the north and east of the station platform.

Additionally, there are two station design options at 54th Avenue E in Fife that would shift the guideway slightly south:

- 54th Avenue Design Option locates the station on the west side of 54th Avenue E, south of 12th Street E (Figures 2-25 and 2-26).
- 54th Span Design Option locates the station to span over 54th Avenue E between 12th Street E and 15th Street E (Figures 2-27 and 2-28).

Fife Pacific Highway Alternative

The Fife Pacific Highway Alternative would continue west from the Fife Station across 54th Avenue E and curve southwest until it crosses Pacific Highway E. The alignment would follow the south side of Pacific Highway E to just west of the Port of Tacoma Road, where it would curve to meet the north side of I-5.

Fife Median Alternative

The Fife Median Alternative would continue west from the Fife Station across 54th Avenue E and curve southwest until it meets Pacific Highway E. The Fife Median Alternative would then continue in the median of Pacific Highway E. Near Port of Tacoma Road, the alignment would curve to the southwest to follow the north side of I-5.

Fife I-5 Alternative

From the Fife Station, the Fife I-5 Alternative would continue west across 54th Avenue E and curve to the southwest to cross Pacific Highway E near 51st Avenue E. The alignment would then follow the north side of I-5.

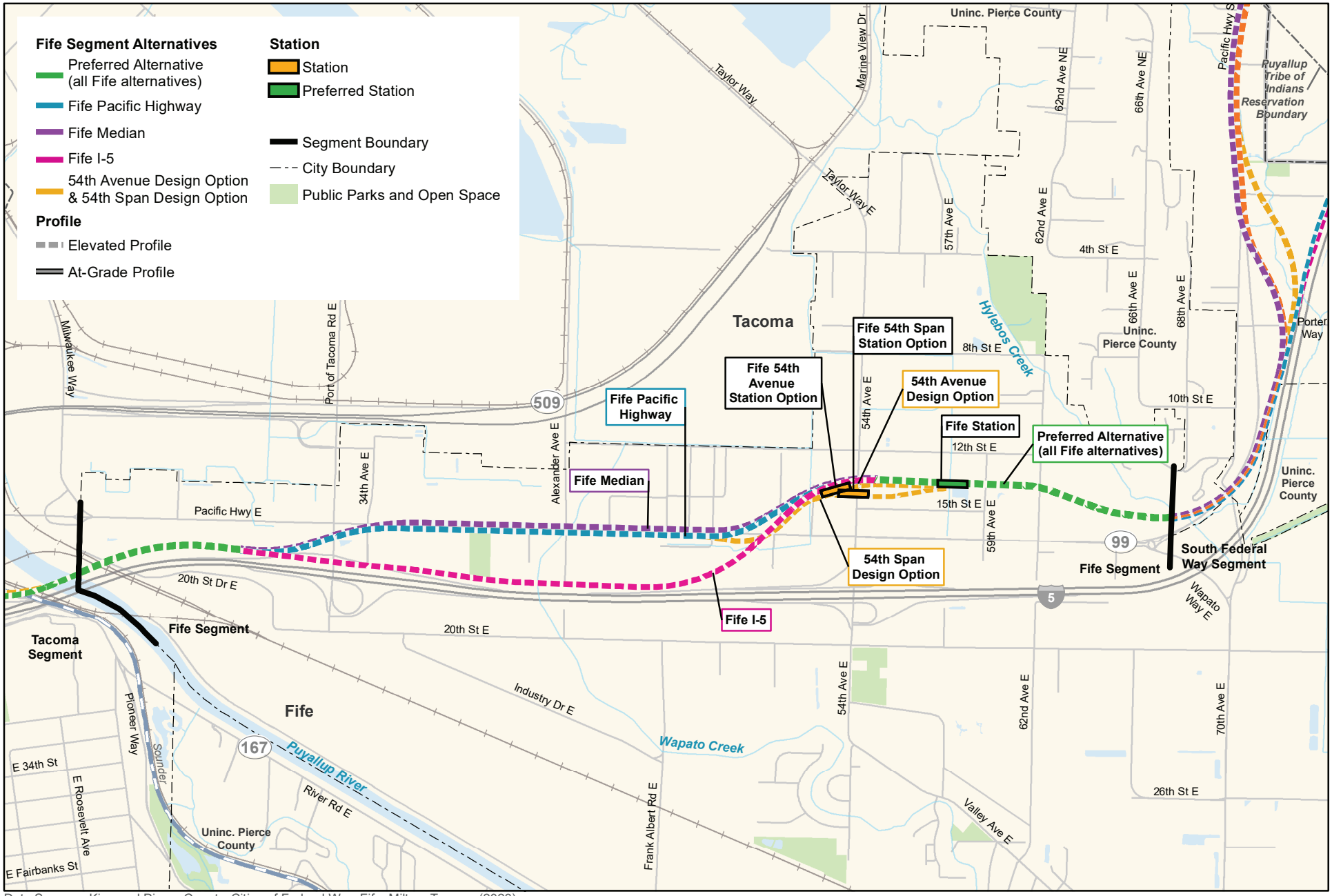

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 2-22
Fife Segment Alternatives

Tacoma Dome Link Extension

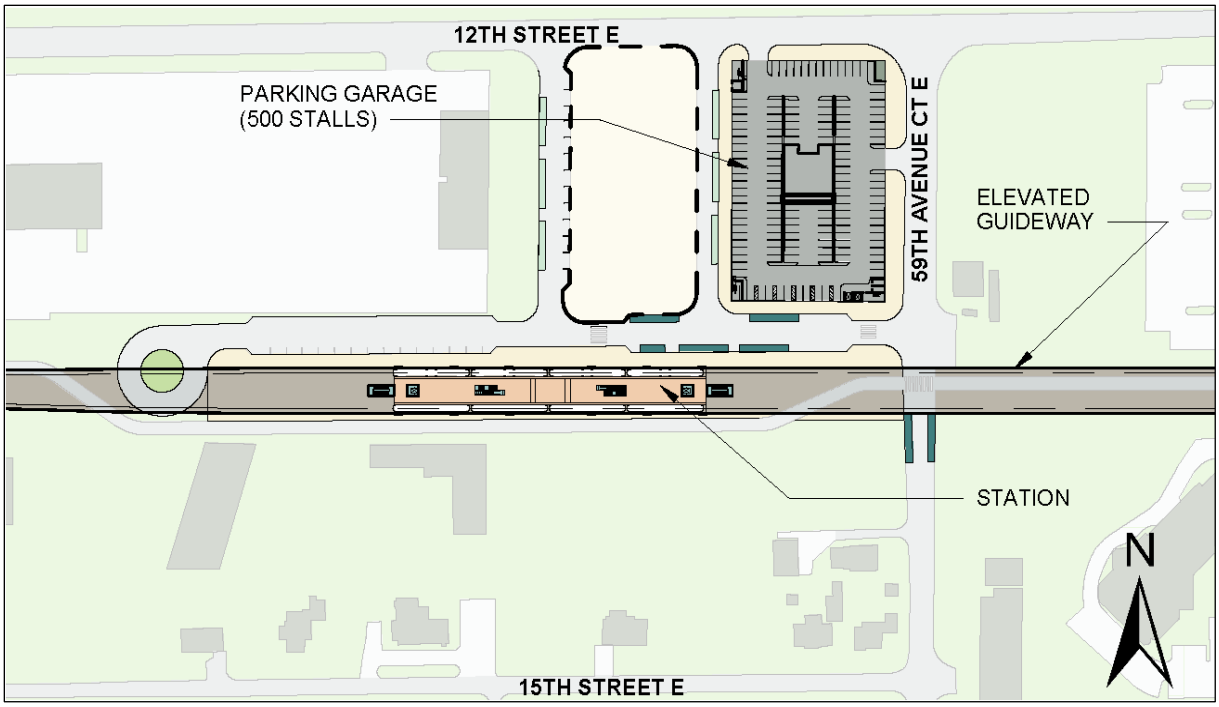

Figure 2-23 Fife Station with Parking Garage

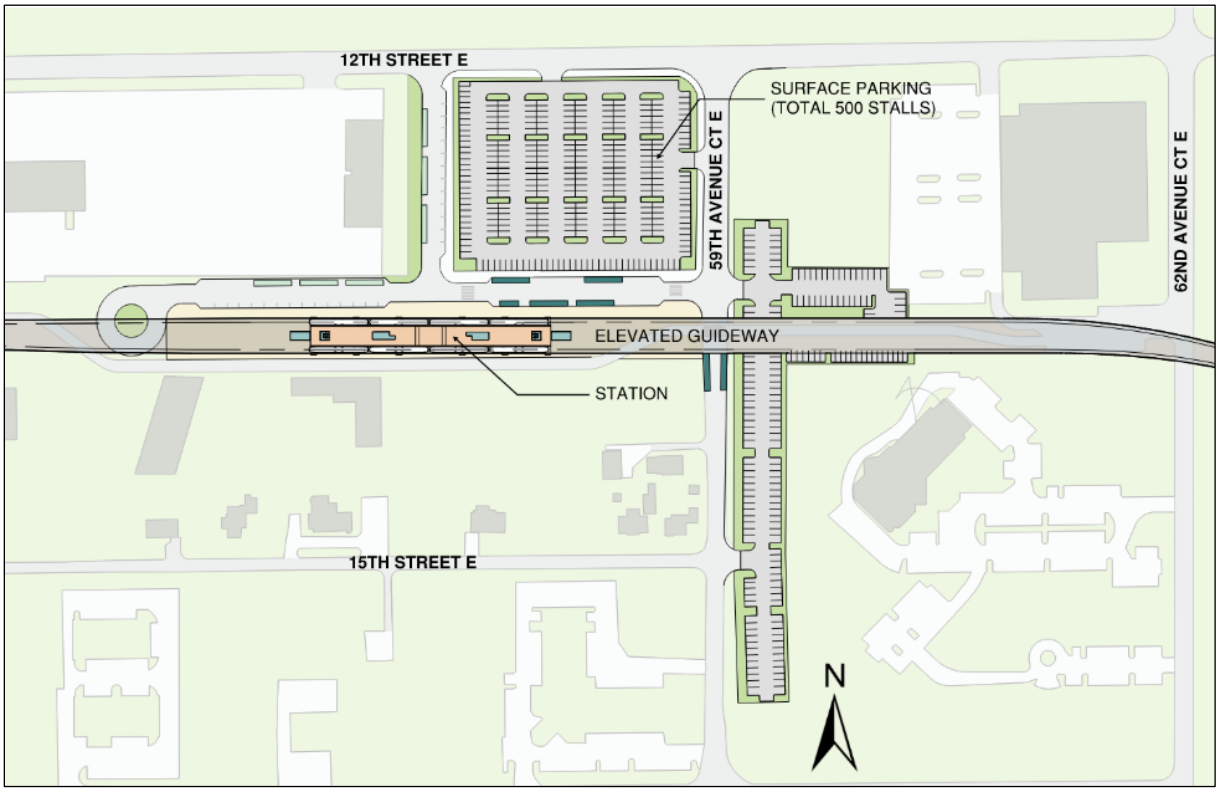

Figure 2-24 Fife Station with Surface Parking

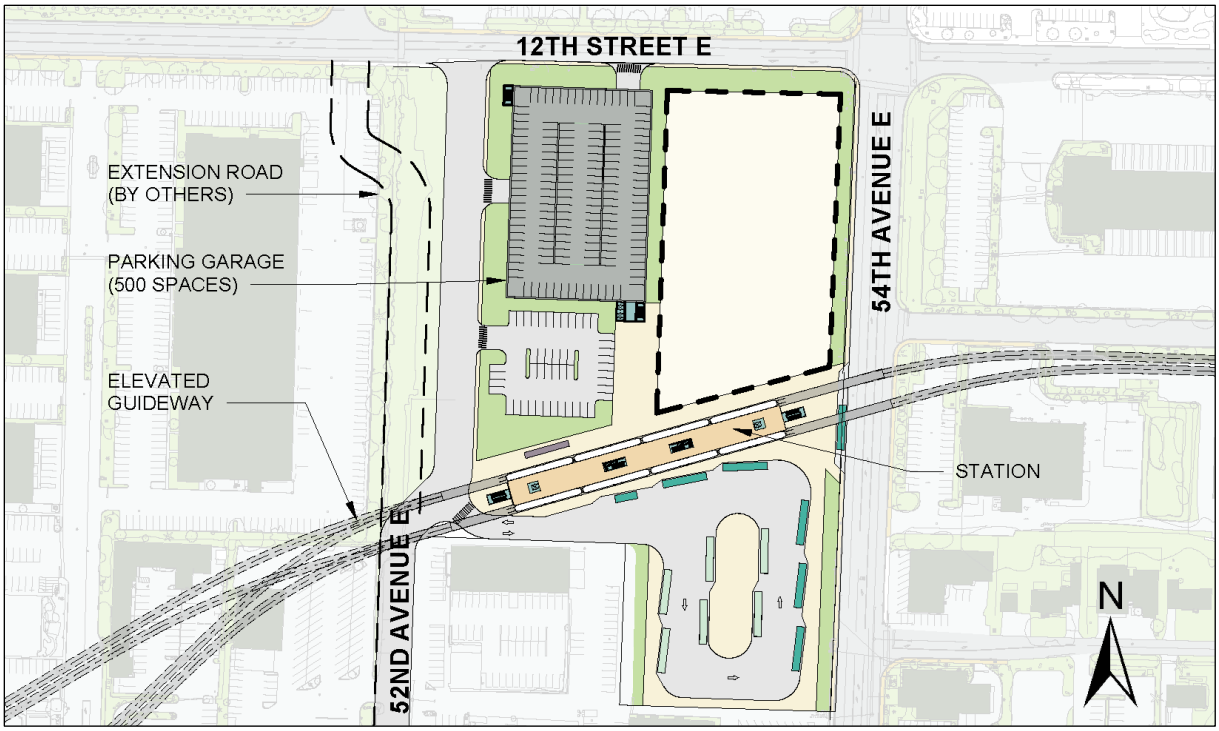

Figure 2-25 Fife 54th Avenue Station Option with Parking Garage

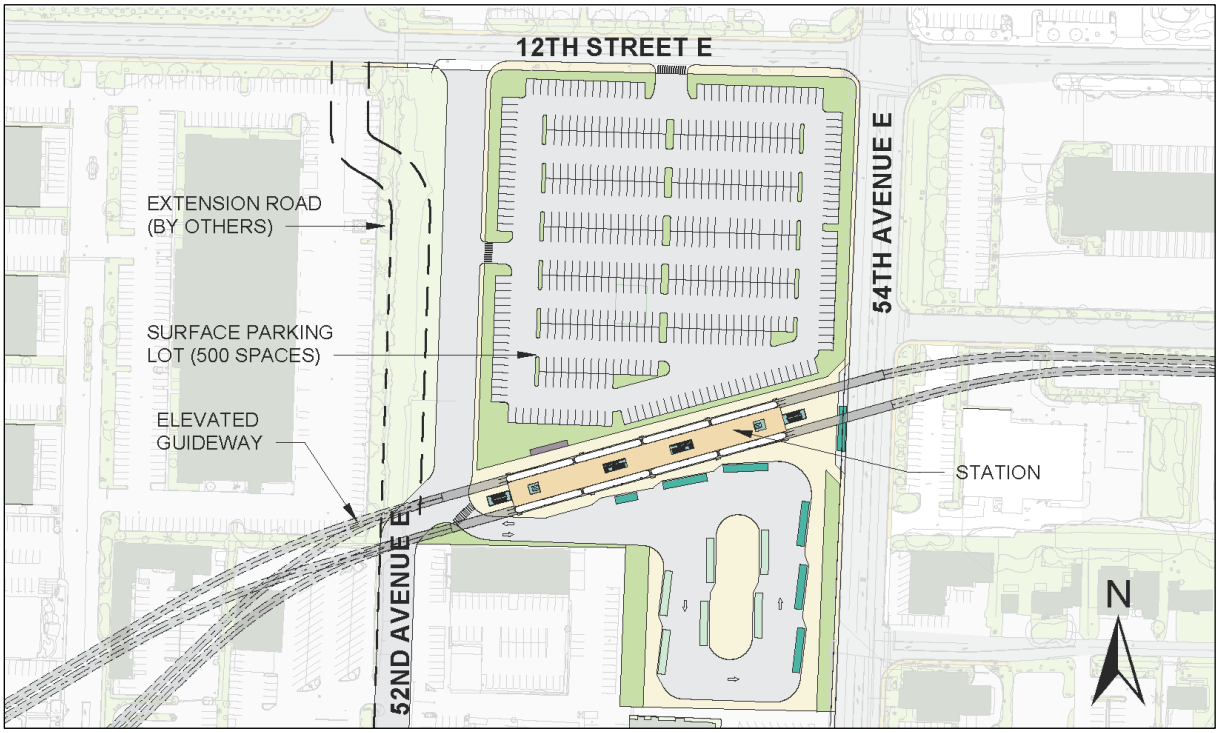

Figure 2-26 Fife 54th Avenue Station Option with Surface Parking

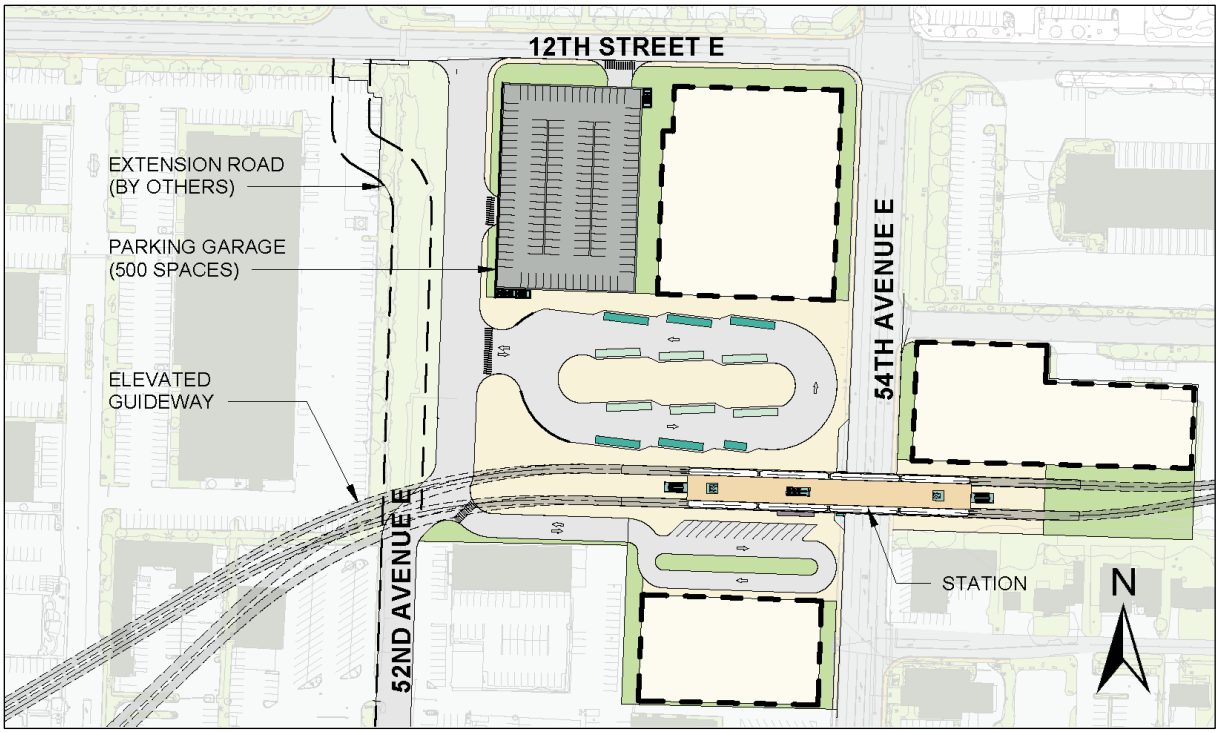

Figure 2-27 Fife 54th Span Station Option with Parking Garage

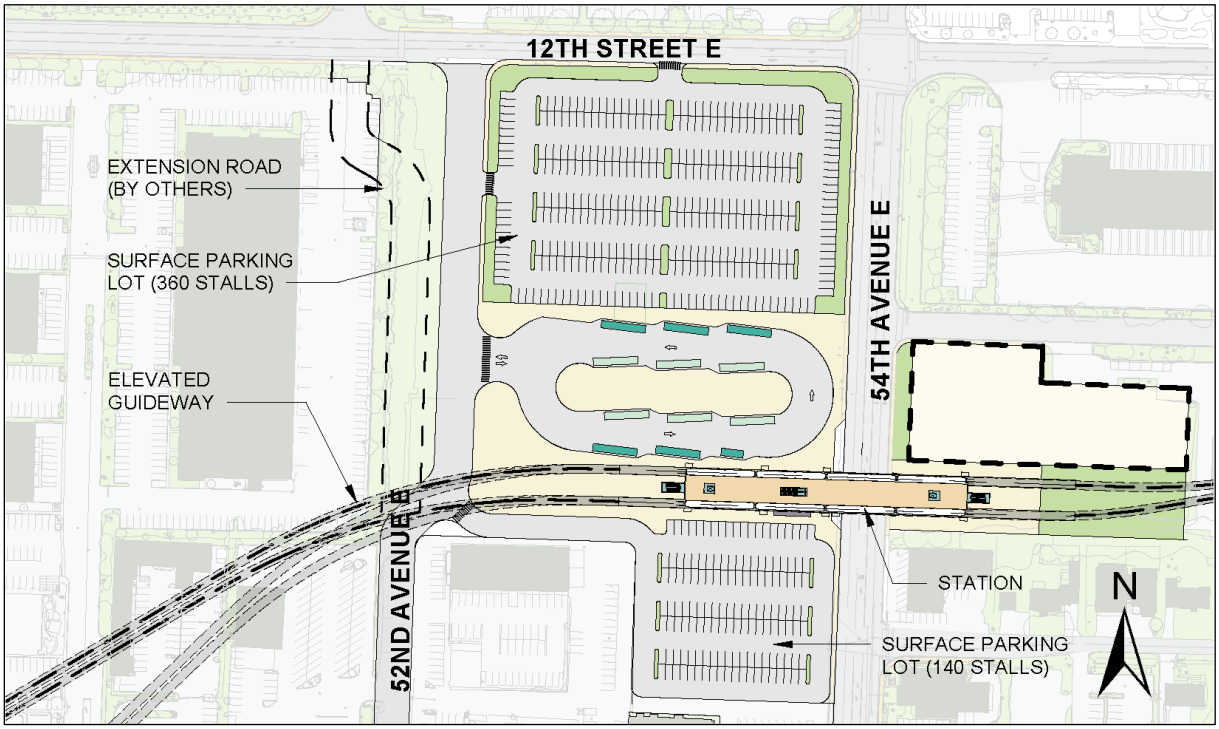

Figure 2-28 Fife 54th Span Station Option with Surface Parking

2.1.2.4 Tacoma Segment

There are four build alternatives in the Tacoma Segment (Figure 2-29). These alternatives would each have the same alignment and design options between the Fife/Tacoma city limit to the Portland Avenue Station. From the Fife/Tacoma city limit, all Tacoma Segment alternatives would cross the Puyallup River north of the new I-5 bridge that was completed in 2022. Two bridge types are being studied for the crossing: a long-span bridge that would completely span the river and a pier-supported bridge that would have a pier or piers in the river. The long-span structure type in the conceptual design (Appendix F, Conceptual Design Drawings) is a segmental box girder, which would be approximately 60 feet higher than the nearby I-5 bridge deck. The pier-supported bridge would be about 10 feet higher than the nearby I-5 bridge deck. Other structure types for a long-span bridge could include a cable-stayed, extradosed, truss, or arch. Bridge type would be determined during final design based on various factors, including engineering feasibility and constraints, environmental effects, cost, and coordination with Tribes and other agencies on permitting requirements.

After crossing the Puyallup River, all alternative alignments travel northwest to serve the Portland Avenue Station, which includes a design and station option. West of the Portland Avenue Station, the alternatives would follow different alignments as described below. All of the stations near the Tacoma Dome include active bus zones and layover space; these bus transit options are discussed in Table 5-7 in Appendix J1, Transportation Technical Report.

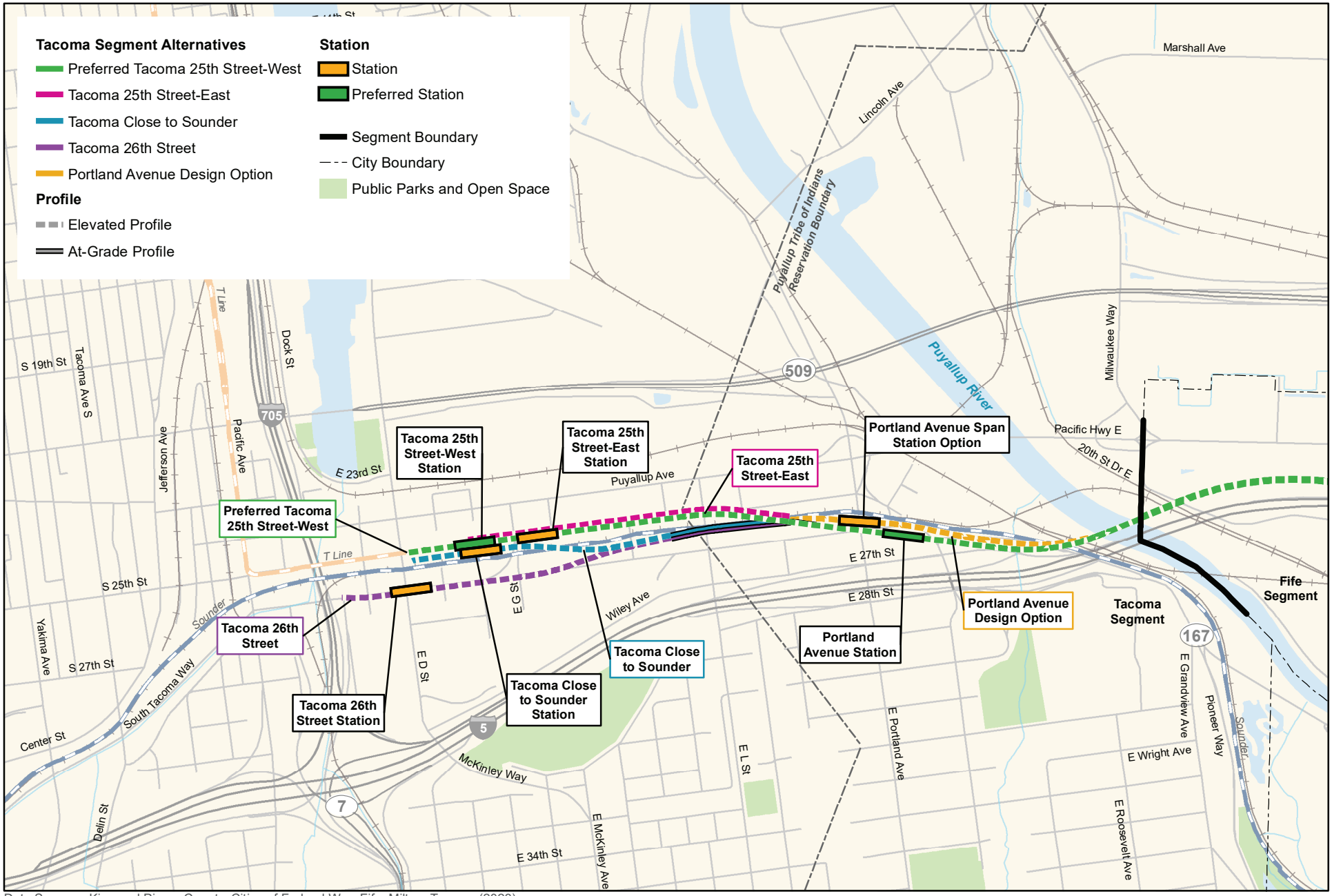

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 2-29
Tacoma Segment Alternatives

Tacoma Dome Link Extension

Portland Avenue Station (common to all Tacoma alternatives)

The Portland Avenue Station would be an elevated station between E Portland Avenue and E Bay Street along the south side of E 26th Street (Figure 2-30). A siding track, which is a short section of track that allows trains to pass, would be provided to the west of the Portland Avenue Station.

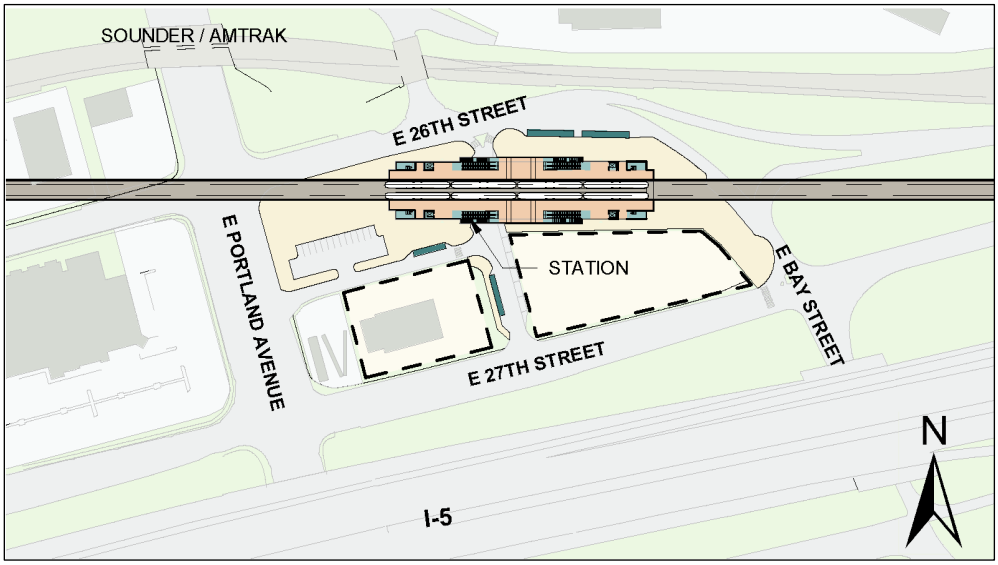

Figure 2-30 Portland Avenue Station

Portland Avenue Design Option and Portland Avenue Span Station Option (common to all Tacoma alternatives)

All Tacoma Segment alternatives could include the Portland Avenue Design Option and Portland Avenue Span Station Option (Figure 2-31). The design option would shift the guideway just north of the E 26th Street and E Portland Avenue intersection. This would allow for the station option to span E Portland Avenue. The elevated station would be between E 26th Street and E 25th Street.

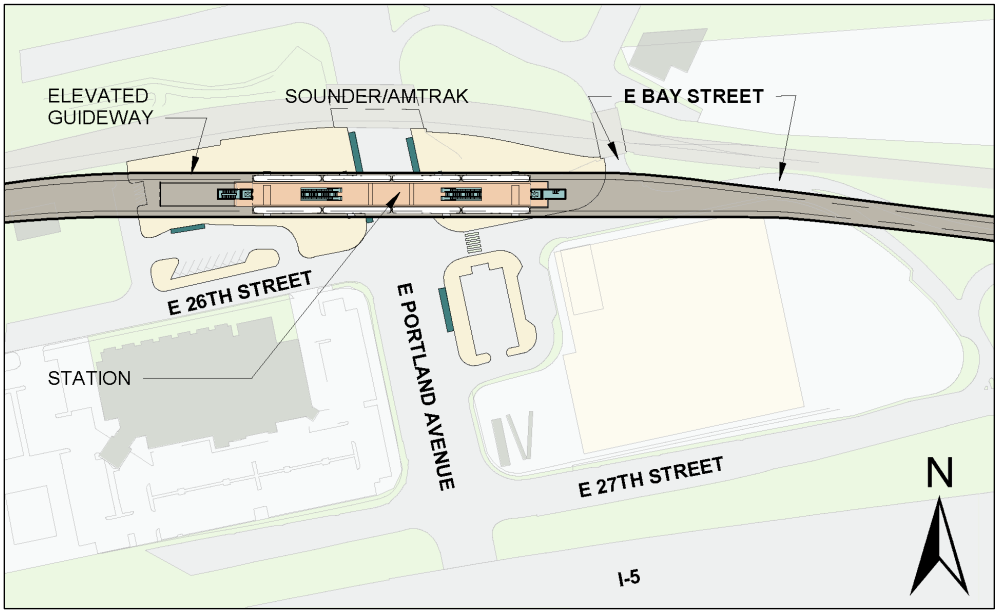

Figure 2-31 Portland Avenue Span Station Option

Potential Nonmotorized Access

For all alternatives, other parties could provide an optional Portland Avenue bike and pedestrian bridge near the Portland Avenue Station or the Portland Avenue Span Station to improve nonmotorized access between the station north of I-5 and the neighborhoods to the south of I-5. While the bridge is not currently a part of the funded project, it is an option analyzed in this Draft EIS. There are two options for the bike and pedestrian bridge; the west option could be located along E Portland Avenue, and the east option could be located to the west of E Bay Street/East R Street. On the south side of I-5, access to the pedestrian overpass could be provided near E 29th Street. On the north side of I-5, the overpass could either tie directly into the station or provide access next to the station.

Figure 2-32 Straddle Bent

Preferred Tacoma 25th Street-West Alternative

From the Portland Avenue Station, the Preferred Tacoma 25th Street-West Alternative would continue northwest to E 25th Street and then travel above E 25th Street on straddle bents (Figure 2-32) until just east of East D Street. The Tacoma 25th Street-West Station would be along E 25th Street between East G Street and East D Street.

The Tacoma 25th Street-West Station would be an elevated station located over E 25th Street, between the Tacoma Dome Station Parking Garage and Freighthouse Square (Figure 2-33).

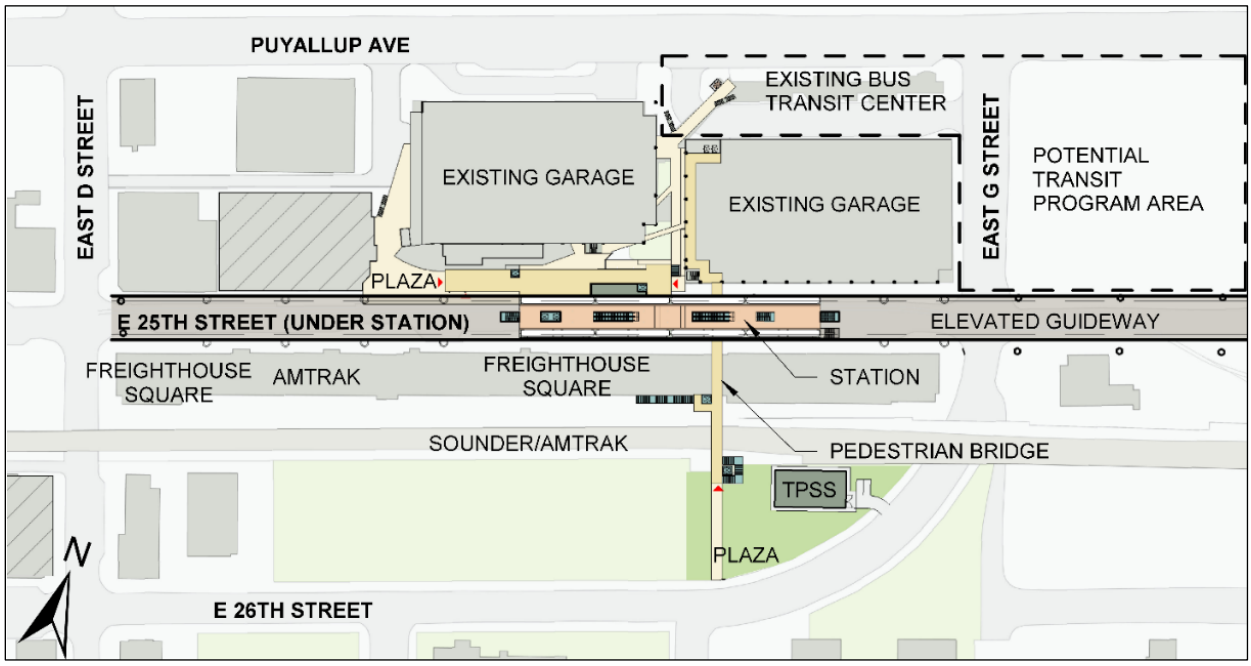

Figure 2-33 Tacoma 25th Street-West Station

Station entrances would be provided on the north side of E 25th Street at each end of the station. A grade-separated pedestrian bridge over the Sounder/Amtrak tracks would be provided to minimize the number of pedestrians and bicyclists crossing those tracks at-grade. A second grade-separated pedestrian connection from the station to the existing parking garage is not part of the project but could potentially be funded through the TDLE nonmotorized access fund. Transit facilities for both active bus bays and bus layover would be provided at the station, with different configurations possible. The area where transit facilities would be located is called the Potential Transit Program Area. This station would be the terminus for TDLE and would include tail tracks.

Tacoma 25th Street-East Alternative

The Tacoma 25th Street-East Alternative would have the same alignment as the Tacoma 25th Street-West Alternative, except that it would connect to the Tacoma 25th Street-East Station located over E 25th Street just east of East G Street.

The Tacoma 25th Street-East Station would be over E 25th Street to the southeast of the Tacoma Dome Station Parking Garage (Figure 2-34). Station entrances would be at the west end of the station at the corner of East G Street and E 25th Street. A grade-separated pedestrian connection between the station, the existing parking garage, and the plaza area to the west along the north side of E 25th Street is not part of the project but could potentially be funded through the TDLE nonmotorized access fund. This would facilitate access to Tacoma Link as well as the parking garage. Transit facilities for both active bus bays and bus layover would be provided at the station, with different configurations possible within the Potential Transit Program Area. This station would be the terminus for TDLE and would include tail tracks.

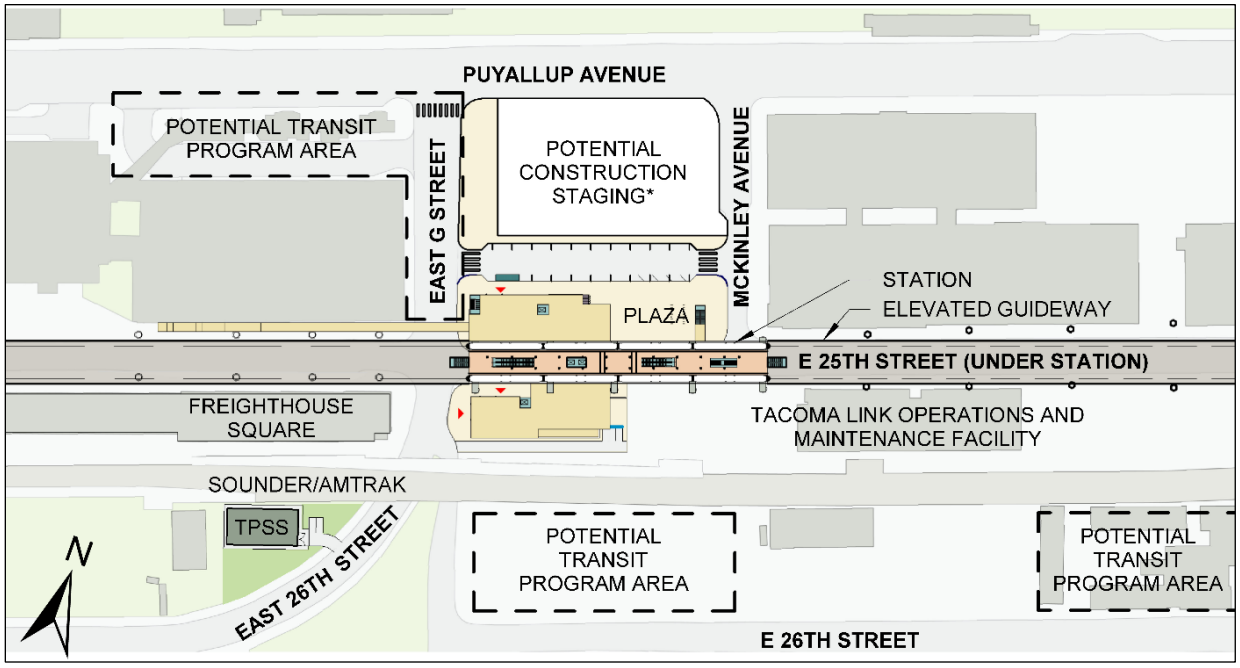

Figure 2-34 Tacoma 25th Street-East Station

Tacoma Close to Sounder Alternative

The Tacoma Close to Sounder Alternative would continue northwest from the Portland Avenue Station or Portland Avenue Span Station and run parallel along the south side of the Sounder tracks until McKinley Avenue, where it would cross over to the north side of the Sounder tracks to a station between East G Street and East E Street. There would be a short section where the guideway would be at-grade in exclusive right-of-way along the Sounder tracks between approximately East N and East L Streets.

The Tacoma Close to Sounder Station would be on E 25th Street and East G Street, on the site of the existing Freighthouse Square building (Figure 2-35). The portions of Freighthouse Square east and west of the Amtrak station would be demolished. The Sounder concourse and Amtrak station are undergoing further evaluation to determine if they can be retrofitted to meet fire and life safety requirements, or if they would be rebuilt to meet the required codes. In addition to standard station uses, the design concept for the station would include space under the platform and guideway that could potentially be used for other non-transit uses. Any such uses would be in compliance with applicable requirements established by local jurisdictions, state, and federal agencies in addition to Sound Transit's policies and guidelines. Station entrances would be at both the west and east ends of the station. A grade-separated pedestrian bridge over the Sounder/Amtrak tracks to E 26th Street would be provided to minimize pedestrians and bicyclists crossing those tracks at-grade. A pedestrian bridge connection between the station and the existing garage is not part of the project but could potentially be funded through the TDLE nonmotorized access fund. Transit facilities for both active bus bays and bus layover would be provided at the station, with different configurations possible within the Potential Transit Program Area. The Tacoma Close to Sounder Station would be the terminus and would include tail tracks.

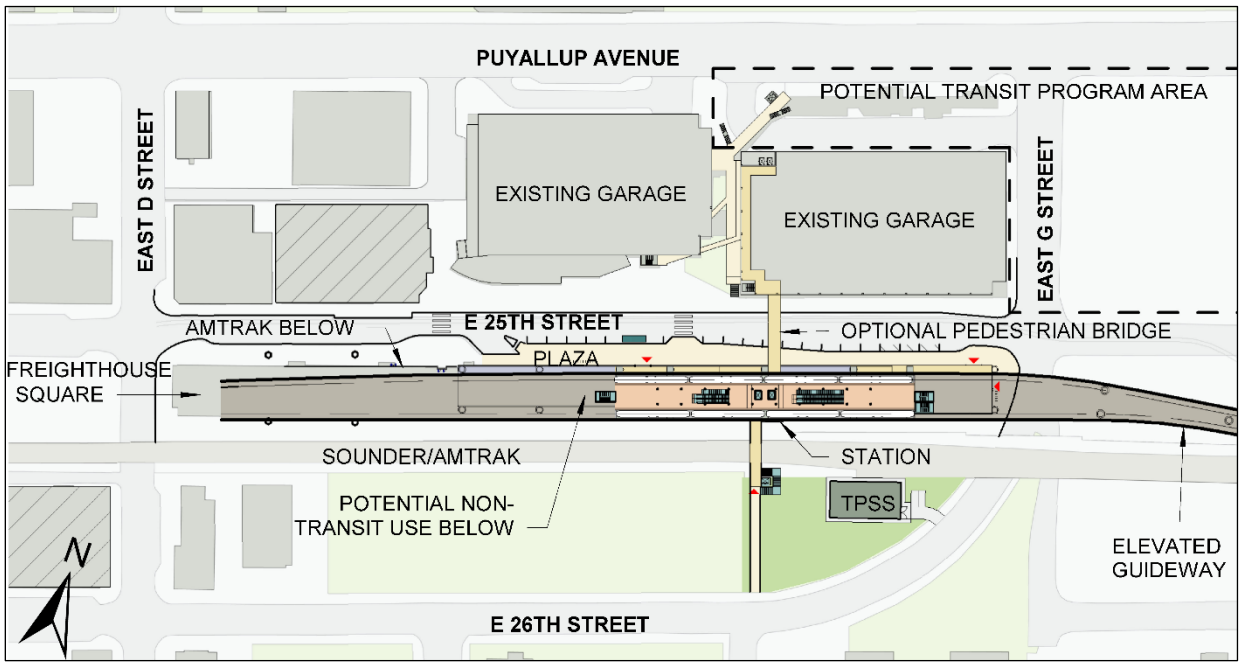

Figure 2-35 Tacoma Close to Sounder Station

Tacoma 26th Street Alternative

The Tacoma 26th Street Alternative would continue northwest from the Portland Avenue Station or Portland Avenue Span Station and run parallel along the south side of the Sounder tracks until just west of I-705. There would be a short section where the guideway would be at-grade or a retained-cut under East L Street. The alignment would continue southwest to be elevated over E 26th Street and then continue west over E 26th Street on straddle bents and end just east of East C Street.

The Tacoma 26th Street Station would be over the intersection of East D Street and E 26th Street, and station plazas would be on the northeast and southeast corners (Figure 2-36). Station entrances would be on both the north and south sides of E 26th Street to the east of East D Street, as well as one entrance west of East D Street on the south side of E 26th Street. A grade-separated pedestrian bridge over the Sounder/Amtrak tracks would be provided to minimize pedestrians and bicyclists crossing those tracks at-grade. Transit facilities for both active bus bays and bus layover would be provided at the station, with different configurations possible within the Potential Transit Program Area. This station would be the terminus and would include tail tracks.

The Tacoma Close to Sounder and Tacoma 26th Street alternatives would run parallel to active Sounder commuter rail tracks that are also used by Amtrak. The TDLE current design anticipates sufficient separation from track centers such that no crash wall would be required to be installed between the freight rail and light rail corridor. As design progresses, Sound Transit will continue to evaluate whether a crash wall would be required in accordance with BNSF and American Railway Engineering and Maintenance of Way Association track standards.

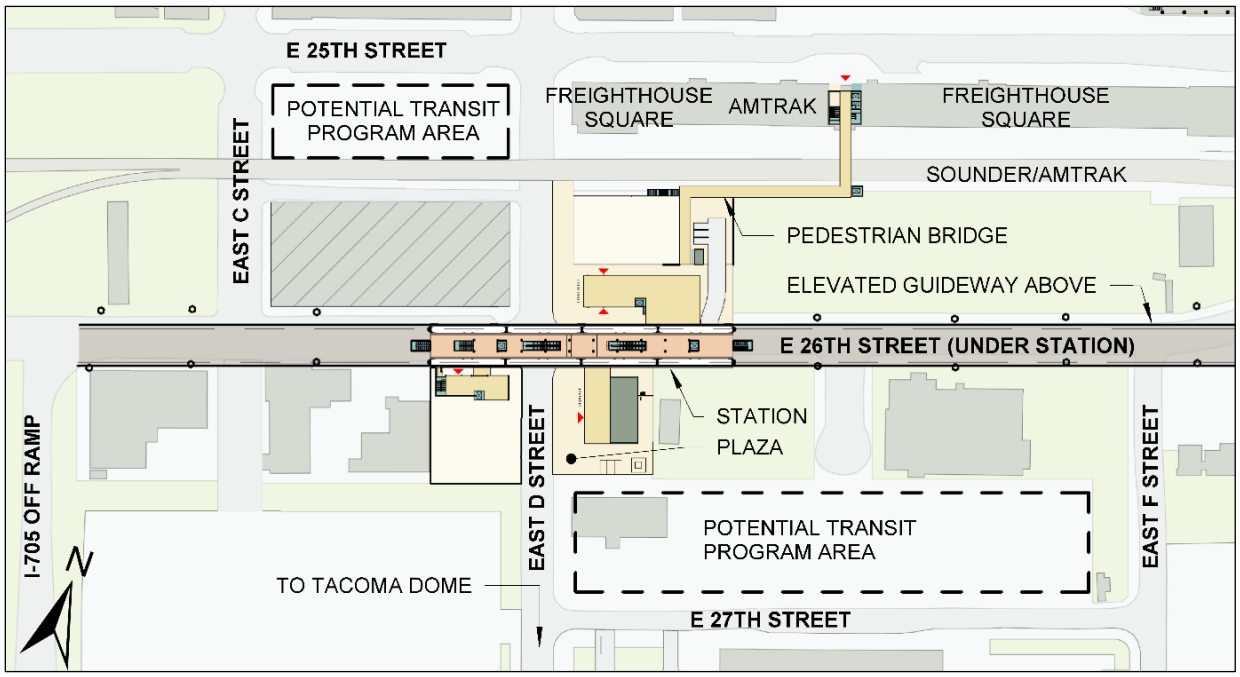

Figure 2-36 Tacoma 26th Street Station

2.2 No-Build Alternative

The No-Build Alternative includes the transportation system and environment as they would exist in 2042 without the proposed project, and it provides a baseline condition for comparing impacts of the build alternatives. The year 2042 is used as the analysis year because it is consistent with full buildout of the light rail capital projects included in the Sound Transit 3 Plan. The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE. No-Build improvements include roadway and transit actions by state, regional, and local agencies that are currently funded or committed and those that are likely to be implemented based on approved and committed funding.

The No-Build Alternative includes the following link light rail improvements by Sound Transit:

- Extension north to Everett, including stations.
- Extension south to Federal Way, including stations.
- Extension of East Link to downtown Redmond, including stations.
- Extension to West Seattle, including stations.
- Extension to Ballard with new downtown Seattle tunnel, including stations.
- New Link light rail line from south Kirkland to Issaquah, including stations.
- Infill Link stations at NE 130th Street, S Graham Street, and S Boeing Access Road in Seattle.
- Sounder commuter rail South line capacity enhancements and extension to Tillicum and DuPont.
- An OMF in the north service district.
- An OMF in the south service district.
- Extension of T Line to Tacoma Community College, including stations.

The No-Build Alternative also includes the following major regional transportation projects listed in the State Transportation Improvement Plan and PSRC Regional Capacity Projects List:

- I-5 SR 161/SR 18 Triangle Project – Phase 2 (project was proposed at the time the No-Build analysis was conducted but has since been suspended).
- SR 167 Completion Project from SR 161 to SR 509.
- I-5/Port of Tacoma Road Interchange.
- I-5/54th Avenue Interchange.
- I-5 High Occupancy Vehicle Projects near Fife/Tacoma.

Future bus rapid transit service provided by Pierce Transit (STREAM) and King County Metro that connects to the TDLE corridor is also included in the No-Build Alternative. The bus service network used in the Draft EIS analysis is consistent with future service plans developed by King County Metro, Pierce Transit, and Sound Transit. These plans are subject to change by the transit agencies depending on funding availability and other factors. The Transportation Technical Report (Appendix J1 of this Draft EIS) describes the major projects as well as local agency projects assumed in the No-Build Alternative.

2.3 Minimum Operable Segments and Interim Termini

There are two minimum operable segments (M.O.S.s) for TDLE: one to the station in South Federal Way and one to the station in Fife. While these would serve as end-of-line stations for an M.O.S., they could also serve as interim termini if the project is phased.

Minimum Operable Segment

An M.O.S. is defined by the FTA as "a segment of the Locally Preferred Alternative that provides the most cost-effective solution with the greatest benefits for the project. The M.O.S. must be able to function as a stand-alone project and not be dependent on any future segments being constructed" (FTA 2008).

Interim Terminus

An interim terminus is a station that temporarily serves as the end of the line when a project is constructed in phases. An interim terminus can also be successfully operated on a long-term basis, if necessary, until the entire project is built.

These stations were determined to be reasonable M.O.S.s or interim terminuses because they each include transit integration opportunities and a 500-stall parking facility and they are close to regional highways for access, including I-5, SR 18, and SR 167. Transit integration opportunities at stations would be coordinated with the transit agencies and local jurisdictions. Neither M.O.S. would change the planned number of stalls in the parking facility. Potential parking control mitigation measures for an M.O.S. scenario would be the same as for the full build alternatives described in Section 3.8, Parking.

In an M.O.S. or interim terminus scenario, crossovers and tail tracks (approximately 500 feet long) would be provided. Additional operator facilities, such as staff restrooms, storage rooms, supervisor office, security office, crew rooms, staff parking, would also be provided at the station. These would be consistent with the project requirements of the Sound Transit Requirements Manual (Sound Transit 2024).

The Portland Avenue Station was not identified as a reasonable interim terminus station and M.O.S. because of its proximity (less than 1 mile) to the TDLE terminus and lack of customer parking.

2.4 Alternatives Development and Scoping

As described in Chapter 1, Purpose and Need for TDLE, the project is the result of a lengthy planning process. After voter approval for funding the Sound Transit 3 Plan, which included the TDLE Project, Sound Transit continued to build on past planning with the alternatives development process described below. FTA will incorporate or use, as appropriate, planning products or the results from transportation planning studies, including the purpose and need for the action, the range of reasonable alternatives, environmental analyses, and proposed mitigation actions resulting from metropolitan or statewide transportation planning. This is consistent with provisions in 49 USC 5303 and 5304, 23 USC 139(f), and 23 CFR 450.318.

To identify alternatives to study in the EIS, Sound Transit completed an alternatives development process that included a three-level screening process: prescreening, Level 1, and Level 2 alternatives evaluation. The alternatives development process began with early scoping under SEPA in April 2018. Sound Transit published an early scoping notice in the SEPA register on March 28, 2018, initiating early scoping, and started the 30-day comment period. The early scoping process is discussed below. Detailed information on the development of the alternatives is included in Appendix I, Alternatives Development Supporting Documents.

2.4.1 Early Scoping

Early scoping for TDLE began in spring 2018. Sound Transit asked for comments from the Tribes, public, and agencies, on:

- The route (alignment), stations, potential alternatives, benefits, and impacts for TDLE.
- The Purpose and Need Statement.

The representative project is the project that was presented to the public as part of Sound Transit 3. The project included an extension of light rail from the FWLE terminus to the Tacoma Dome area, with stations in South Federal Way, Fife, and East Tacoma, as well as at the Tacoma Dome. The representative project alignment was primarily located adjacent to I-5. The representative project from Sound Transit 3 was used as a starting point for comments on potential station and alignment alternatives.

Early scoping comments from the Puyallup Tribe of Indians and agencies helped guide the location of stations and the alignment in the early phases of alternatives analysis. In general, early scoping comments indicated a preference for station locations farther from I-5 and in areas that could support transit integration, multimodal access, and TOD. Comments also indicated the importance of minimizing environmental impacts from the stations and alignment.

Public comment addressed alignments, station locations, and other community considerations for TDLE and are summarized in Appendix I, Alternatives Development Supporting Materials.

The early scoping comments were used to inform the set of station and alignment alternatives that were evaluated in the alternatives development phase. Detailed information on early scoping is provided in the Tacoma Dome Link Extension Early Scoping Summary Report (Sound Transit 2018b).

2.4.2 Initial Development of Draft EIS Alternatives

Station and alignment concepts developed from a previous study of the corridor, as well as early scoping comments, were evaluated using an alternatives evaluation process. Over 50 alternatives and options were evaluated. Most of the alternatives were variations on alignments that followed either I-5, SR 99, or other local streets parallel to I-5, and they included options on both sides of I-5 or in the median, with a variety of station siting options in the South Federal Way, Fife, East Tacoma, and Tacoma Dome areas.

Concepts were not evaluated beyond this prescreening phase where they were inconsistent with the project purpose and need or the Sound Transit 3 Plan, included circuitous routing that would add travel time to the high-capacity transit service, or were determined to be infeasible based on environmental constraints. Alternatives were then evaluated in the increasingly detailed Level 1 and Level 2 alternatives evaluation phases, using criteria based on the project purpose and need. Those alternatives that were the most promising have been carried through and included in this Draft EIS. Detailed information on the alternatives evaluation criteria and process is included in the Pre-Screening, Level 1, and Level 2 Alternatives Evaluation Reports in Appendix I, Alternatives Development Supporting Documents.

2.4.3 NEPA and SEPA EIS Scoping Process

The NEPA and SEPA EIS scoping process was conducted between April 1 and May 1, 2019. The scoping process allowed Tribes, agencies, and the public to comment on the project's Purpose and Need Statement, topics to study in the Draft EIS, and the proposed route and station alternatives to be evaluated.

Scoping comments received from the Puyallup Tribe of Indians, agencies, and the public provided guidance on alignment and station preferences as well as modifications of alternatives to be studied in the Draft EIS. These comments are summarized in the Tacoma Dome Link Extension Scoping Summary Report (Sound Transit 2019a), which is included in Appendix I, Alternatives Development Supporting Documents. Additional information about outreach and engagement throughout the environmental review process is included in Appendix B, Public Involvement and Tribal and Agency Coordination.

2.4.4 Alternatives Carried Forward

Following the alternatives development process and public scoping period, the Sound Transit Board of Directors reviewed the comments received and the technical results of the alternatives evaluation. The Board approved Motion M2019-75 (South Federal Way, Fife, and East Tacoma) and M2019-77 (Tacoma Dome) on July 25, 2019, which identified preferred alternatives, other alternatives, and design options to study in the Draft EIS (Sound Transit 2019b and 2019c).

Table 2-3 summarizes the alternatives identified in the Sound Transit Board Motions M2019-75 and M2019-77 for study in the Draft EIS.

Table 2-3 TDLE Alternatives Carried Forward

Alternative Name in Sound Transit Board Motion	Draft EIS Alternative
South Federal Way Segment	
SF2 West	SF Enchanted Parkway Alternative
SF 8/9	SF I-5 Alternative
Fife Segment	
Fife 3	Fife Station, part of the Preferred Alternative
Fife A (I-5 Alignment)	Fife I-5 Alternative
Fife B (SR 99 Alignment)	Fife Pacific Highway Alternative
Tacoma Segment	
ET 3A/TD 2	Preferred Tacoma 25th Street-West Alternative
ET 3A/TD 3	Tacoma 25th Street-East Alternative
ET 3A/TD 2 Option for alignment and station close to Sounder corridor	Tacoma Close to Sounder
ET 3B/TD 4 East In-Street	Tacoma 26th Street Alternative

Source: Sound Transit Board Motion M2019-75 and M2019-77.
SF = South Federal Way.
ET = East Tacoma.
TD = Tacoma Dome.

Following the identification of the Draft EIS alternatives in July 2019, additional alternatives and design and station options were added based on comments received from local agencies as well as additional refinement of the alternatives by Sound Transit. These included the following:

- South Federal Way SF 352nd Span Station Option: Added to address the Board's direction to evaluate opportunities to establish appropriate nonmotorized access to the station.
- Fife Median Alternative: Added to address local agency comments.
- Portland Avenue Design Option, including Portland Avenue Span Station Option: Added to address refinement to the alignment and direction from the Board to study a station spanning Portland Avenue (M2019-75) in the Tacoma Segment.

2.4.5 Alternatives Not Carried Forward

The scoping process generated alternative suggestions that were considered but not identified for study in the Draft EIS for the reasons shown in Table 2-4. Additional information on alternatives not carried forward is included in Appendix I, Alternatives Development Supporting Documents.

Table 2-4 TDLE Alternatives Suggested During Scoping and Not Carried Forward

Alternative Suggested	Reason Not Evaluated in Draft EIS
Cut-and-cover tunnel station in Tacoma Dome Area	A cut-and-cover tunnel alternative was determined to have substantial cost and engineering complications as well as environmental impact challenges (including potential cultural resources impacts) that would create constructability challenges. The cut-and-cover option would also have resulted in additional property impacts as well as a longer construction schedule.
Over Sounder Station in Tacoma Dome Area	An alignment over the existing Sounder tracks created several constructability, operational, and maintenance concerns, as well as effects on the built environment. This option would likely have required extended service disruptions to both Sounder and Amtrak service.

2.4.6 Additional Alternatives Development and Engagement

As the analysis of alternatives was being developed, coordination with regional Tribal partners identified known cultural resources adjacent to I-5 in the South Federal Way Segment. As a result, the need for additional alignments was identified, and the SF 99-West and SF 99-East alternatives were developed. In Fife, climate change and floodplain concerns were identified and resulted in two design options being developed, the 54th Avenue Design Option and 54th Span Design Option. A public engagement period was held from February 27 to March 14, 2023, to share information about the potential additional alignment and station locations being considered based on the new cultural resources and floodplain information. In March 2023, the Sound Transit Board identified additional alternatives along the SR 99 (Pacific Highway) corridor as well as additional station options in Fife to study in the Draft EIS (Motion M2023-19). The additional alternatives in the South Federal Way Segment and design options in Fife are included in this Draft EIS.

2.5 Construction Approach

This section provides an overview of potential construction activities and timing. Construction and testing of TDLE is anticipated to take approximately 5 years to complete. Major activities would include:

- Civil construction: This includes utility relocation, foundation and column placement, guideway construction, and track work, followed by construction of other facilities, such as stations, park-and-ride lots and structures, and ancillary facilities.

- Systems installation: This includes the installation of the electrical system that would power the trains.
- Testing and startup activities: Before beginning revenue operations, Sound Transit would complete a safety certification process by testing communications, safety, and emergency systems.

The major construction activities that could cause environmental impacts and community disruption include but are not limited to:

- Demolition (buildings, pavement).
- Clearing and vegetation removal.
- Construction of elevated structures and bridges.
- Pile driving or auguring piles.
- Temporary, partial, or total road or lane closures and detour routes.

The potential construction activities and impacts described in this section are discussed qualitatively because it is not known exactly how the project would be constructed at this stage of development.

2.5.1 Construction Sequence, Activities, and Durations

Construction of linear projects is typically divided into segments. The extent of these segments is generally based on the nature of the construction activity, such as foundations, column placement, at-grade guideway construction, elevated guideway construction, retained cut and fill sections, station platforms, and park-and-ride facilities. To reduce the overall project construction period, the contractor may use multiple work crews/work zones along the corridor at any given time.

A work-specific construction plan would be developed during final design to establish the various construction phases and construction contracts, their estimated schedules and durations, and appropriate sequencing. Where possible, construction activities would be coordinated with other capital improvement projects being carried out by or permitted by the local jurisdictions to help minimize construction impacts.

Typical construction would occur on a 5- to 6-day workweek schedule and would occur primarily between the hours of 7 a.m. and 10 p.m. In some locations (such as when street or freeway detours are involved and/or daytime construction periods need to be abbreviated to reduce impacts), additional shifts, all-week, nighttime, or 24-hour construction activities could be necessary.

The construction of the elevated guideway shafts, columns, and pier caps (the guideway substructure) would require temporary roadway realignment or detours when located within the roadway. Construction of the guideway girders, decks, and rail systems (the guideway superstructure) could begin as soon as several substructure columns or bents are completed and would require temporary traffic controls, lane closures, or detours. There could be extended lane closures where guideway construction runs parallel or within the median of a roadway.

The duration of construction would range from approximately 1 to 4 years in any given portion of the corridor. The typical durations for major construction activities are shown in Table 2-5. Activities would be most intense in the initial part of construction, with later periods involving station finishing, systems installation, and testing.

Table 2-5 Major Construction Activities and Durations

Construction Activity	Estimated Duration
Demolition of structures, clearing and vegetation removal, utility relocations	2 to 12 months depending on the activity. Demolition of existing structures and relocation of utilities would be the most time-intensive activities.
Guideway construction	1 to 2.5 years in a given area
Bridge construction at Puyallup River crossing	3 years
Station construction	2 to 3 years

Truck hauling would require loading areas, staging space for trucks awaiting loading, and provisions to prevent tracking soil on public streets. Truck haul routes would require approval by local jurisdictions. Truck hauling activities may be required to occur in off-peak periods or during daytime periods to avoid peak traffic periods or to minimize potential impacts from noise on sensitive receptors, such as residences.

2.5.2 Typical Construction Activities

Typical construction activities necessary prior to construction, regardless of the track alignment or profiles, would involve partial and full demolition of existing structures; vegetation clearing and soil fill, excavation, and grading; relocating utilities and drainage systems; remediation of contaminated sites; preparing construction access; temporarily restricting some roads or traffic lanes; and detouring traffic. Underground utility work may require temporary steels plates in the roadway and temporary lane closures. When work occurs in roadways, reconstruction of streets, sidewalks (ADA-compliant), and other existing facilities may occur. Overhead utility relocation work may consist of temporary lane closures, site access, vegetation removal, and demolition of existing structures. Work could include construction of new utility pole foundations and installation of poles, anchors, vaults, conduit, and cables, followed by removal of existing overhead utilities. Outside of road right-of-way, restoration of work areas could be necessary.

When work would be adjacent to or over a roadway, closure of lanes or the full roadway may be needed. Where construction would partially or fully close streets, through traffic would be rerouted on detours while maintaining access to existing businesses and residences. Road closures and detours would require approval by the agency with jurisdiction, such as the local city and WSDOT.

Ground improvements, or mechanical methods to address weak soils to enable building on them, would likely be needed to support the construction of either a long-span or pier-supported bridge across the Puyallup River and potentially in other locations along the TDLE corridor. Ground improvement methods may include jet grouting, ground freezing, rock displacement, or a combination of these methods.

Sound Transit has identified some areas of the project where dewatering (the removal of water from soil) could be needed. Various areas of the project would be constructed at-grade or elevated above the water table, which may reduce the need for dewatering. The exception would occur in wetland areas, floodplain areas near Fife and Tacoma, and near the Puyallup River, where soft material below the water table needs to be removed to create a stable base for the track or transit facility. Deep foundations are the primary project element that would extend below the groundwater table; however, this foundation support method can be completed without the need for dewatering.

2.5.2.1 Elevated Light Rail Construction

Construction of an elevated guideway (Figure 2-37) would involve demolition of structures, clearing, grading, relocating utilities, preparing necessary construction access, and constructing the guideway structure. A temporary construction road would typically be built for constructing an elevated guideway in undeveloped areas or where access is not available from existing roads. Constructing an elevated guideway within existing street right-of-way may require temporary closure of some traffic lanes/sidewalks and detours. Elevated guideways and stations for light rail, similar to structures such as highway bridges, are generally reinforced concrete, steel, or combinations of both.

Figure 2-37 Construction of an Elevated Guideway

Construction would begin with preparation work to build foundations that may consist of shallow spread footings, deep-driven or augured piles, or drilled shafts. Once foundations are in place, concrete columns would be constructed. The elevated superstructure could be steel, cast-in-place concrete, precast concrete, or segmental concrete. If steel and/or cast-in-place concrete is used, temporary support structures referred to as false-work could be required. False-work would support elements of the superstructure while concrete is poured and the concrete gains enough strength to support itself, or while the steel beams are joined through welding or bolting (Figure 2-38). If the elevated guideway is close to or within the roadway, the false-work would require temporary lane/sidewalk closures and traffic detours until a sufficient portion of the elevated structure is complete. Precast girder construction is expected to be the primary method of construction for the elevated guideway and can typically be built without false-work between the columns. Construction equipment requires a 40- by 60-foot-wide staging area, with the new column at the center of the 40-foot dimension (Figure 2-39). Within existing roadways, temporary barriers and lane closures would be required to manage the

Figure 2-38 Construction of Elevated Guideway Showing False-Work

Figure 2-39 Construction of Guideway Columns

traffic volumes. The column and pier cap would be constructed inside the same 40-foot-wide staging area. The precast girders over the existing roadway are typically erected at night or on weekends when the traffic volume is lower.

Some short-term partial or full street closures may be required to accommodate placing girders and other construction activities. After construction, an elevated guideway can have low-growing native vegetation under and around it, although there would be a 15-foot-wide zone from the edge of the guideway that would remain clear of trees.

2.5.2.2 At-Grade Light Rail Construction

Construction methods and impacts for at-grade guideways would be similar to typical road construction. Existing structures in the project footprint would be demolished, and conflicting utilities would be relocated first. Shallow, near-surface excavations would be required to construct the subgrade, track, and station platform slabs for at-grade segments. In areas where access is not available from existing roads, a temporary construction road would be built. During the grading phase, the contractors would install culverts or other permanent drainage structures and below-grade light rail infrastructure.

2.5.2.3 Retained Cut and Fill Light Rail Construction

Construction of retained cut and fill guideway sections would be similar to construction of at-grade guideway but may be more intensive and of longer duration due to the need to construct retaining walls. Retained cut or fill sections are needed in areas where it is necessary to create a level surface for the track ballast and could include retaining walls where necessary. Construction of cuts and fills may include demolition of existing structures, clearing and grading, excavation, utility relocation, construction of temporary access roads between 15 and 30 feet wide, and temporary traffic detours and lane closures. Depending on the depth of the cut and groundwater conditions, dewatering may be necessary during construction.

Fill material for retained fill construction would be delivered to the site by truck. Retained fill structures may require ground improvement, depending on the ability of existing soils to support the increased loads. Reconstruction of streets, sidewalks, and other existing facilities may also be necessary, depending on the final alignment and profile of the retained fill.

2.5.2.4 Bridge Light Rail Construction Over Water

All TDLE alternatives would include the construction of a bridge over the Puyallup River. If bridge foundations are in the water, they would be constructed inside sheet-pile cofferdams (temporary enclosures providing a dry working area in the water) where needed. Cofferdams would be driven or vibrated into place. Bridge foundations would include drilled shafts and cast-in-place concrete pile caps. In other areas, foundation excavations would be supported by a temporary shoring system, such as soldier pile shoring.

Temporary work trestles could be installed in the Puyallup River to support material delivery and operation of heavy equipment. Temporary work trestles would be constructed with driven or vibrated steel-pipe pile bents, framing, and decking, and would be removed when the work is complete. Barges for material supply and supporting cranes would also be required for construction of foundations in water and would be moored outside of the navigation channels.

2.5.3 Staging Areas and Construction Easements

Construction staging areas would be needed before, during, and for a short time after construction work occurs. Staging areas would be used for construction, equipment storage, construction materials delivery and storage, concrete batch plants or concrete pumping, demolition or spoils handling (in accordance with applicable regulations), contractor trailers, access roads, and construction crew parking (Figure 2-40). Construction staging areas would be located within the project's construction limits shown in Appendix F, Conceptual Design Drawings. At-grade, elevated, retained cut and fill sections would have construction staging areas along the alignments. Contractors generally use the property on which the facility is being constructed and property that has been acquired for right-of-way by Sound Transit or other properties as negotiated by the contractor. Additional property may be required for activities such as contractor employee parking. Also, construction may require using one lane or all lanes (temporary closure) of a road.

Figure 2-40 Staging Area Adjacent to Guideway Construction

Following construction, staging sites may be used for project-related purposes or might be redeveloped consistent with local zoning codes. Construction easements are for temporary use of property during construction and would be required in numerous locations along the alignment. In undeveloped areas, 50- to 100-foot-wide construction areas could be necessary to maneuver equipment and materials along the corridor during construction. These would include areas acquired for project right-of-way as well as temporary construction easements. Where the project would have limited property acquisitions on either side, construction activities may require narrow temporary easements from adjacent properties. Following construction, these easement areas would be restored to preconstruction conditions.

Where the project would temporarily partially or fully close streets, traffic would need to be rerouted via detours so that construction could proceed in an efficient and timely manner while still maintaining access to existing businesses and residences. Traffic closures or detours would require approval by local jurisdictions and/or WSDOT.

2.5.4 Overview of Construction Approach for TDLE Alternatives

An example of construction steps for TDLE is provided below. Durations provided assume 0.5-mile segments of guideway construction. An overview of station construction is described in Section 2.5.5. Actual construction steps and durations may vary and will be determined during final design.

The TDLE guideway would be primarily elevated with some sections of at-grade and retained cut and fill profiles located along some areas of the WSDOT right-of-way. Work would begin with site preparation, including clearing of vegetation and construction of access points and roadways, followed by construction of foundations, columns, and elevated structures. In areas

with at-grade and retained cut or fill profiles, grading would occur as necessary to create a level surface for the track ballast, and retaining walls would be constructed where necessary for retained sections.

Elevated structures would be constructed along southbound I-5 and some local roadways (Figures 2-41 and 2-42). Where the light rail would go along or over existing roadways, elevated structure construction would be used to allow for construction of the guideway while maintaining some surface traffic. The roadway would remain intact if no roadway modifications are specified.

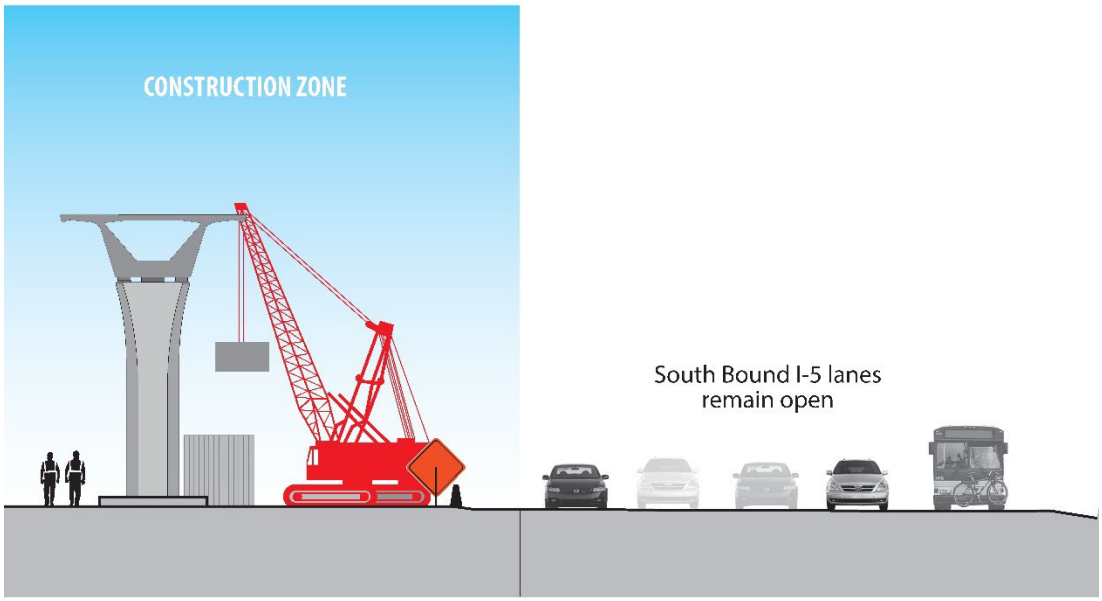

Figure 2-41 Construction along I-5 (Typical Cross-Section)

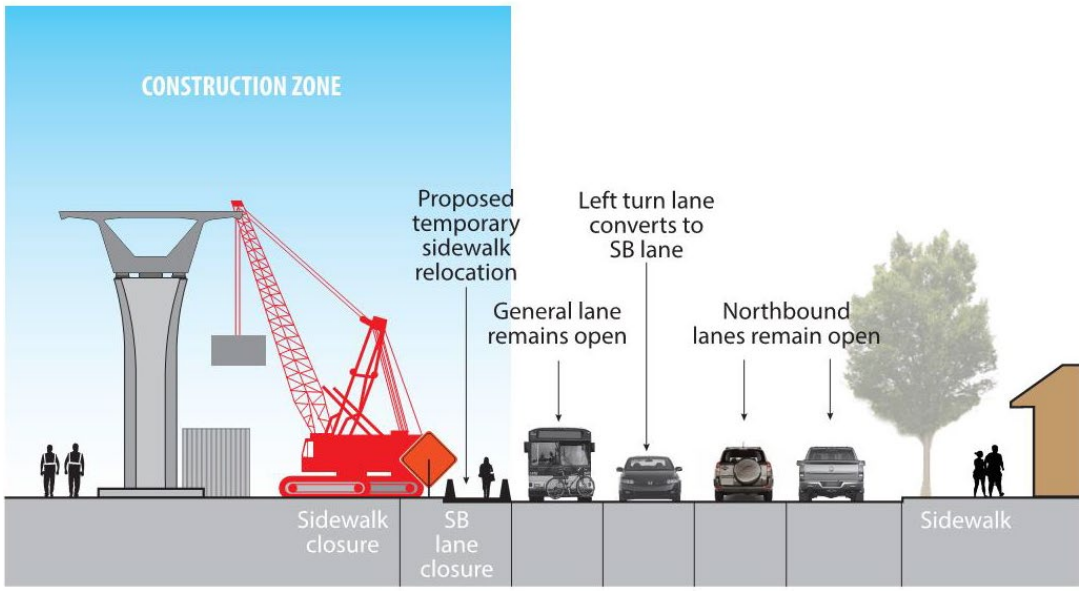

Figure 2-42 Construction of Elevated Guideway on Side of Roadway (Typical Cross Section)

The primary civil construction activities for guideway construction would occur during five phases:

1) Utility relocation: Utility relocations would be required where the guideway would conflict with aboveground or belowground utilities, including electric, sewer, water, gas, and communications. This phase would last approximately 6 months for all relocations in a 0.5-mile section. This phase could overlap with street reconstruction in some areas.
2) Street reconstruction: This phase would involve widening the existing roadway on one or both sides to allow adequate space in the median for column construction. The area needed for road widening would be cleared and prepared for work crews, and the existing street infrastructure (sidewalks, curbs, gutters, and pavement) would be removed and rebuilt. Once paving is completed, all lanes would be restriped in their new configuration and the widened median area would be prepared for light rail construction. This phase would last approximately 6 months for a 0.5-mile distance. This work could overlap with utility relocations in some areas.
3) Foundation and column construction: This phase would involve drilling shafts for the columns, pouring the footings for the columns, and then installing the columns. For most of the guideway, this phase would last 6 to 8 months for a 0.5-mile distance.
4) Guideway placement: It is expected that the elevated guideway structure would be constructed using concrete segmental box girders, which are typically poured off site and trucked to the project location to be placed by crane. This phase would last about 6 months for a 0.5-mile distance.
5) Track and systems installation: This phase would involve placement of track on the guideway and installation of electrical, communication, and signaling systems, much of which would be completed by equipment operating from the side of the guideway and/or workers on the guideway.

Where guideway construction runs parallel or within the median of Pacific Highway in south Federal Way, Milton, and Fife, there could be extended lane closures that could be in place for approximately 1 to 2.5 years. Construction areas may only have one lane in each direction open on Pacific Highway. Some full closures at night or on weekends would be needed for construction activities over the roadway, such as installing girders. The contractor will determine construction closures when the final design is developed. Figure 2-43 shows a typical cross section of column construction in the median; Figure 2-44 provides a plan view of typical construction in the median. Longer spans would take up to a year and a half to complete. Business access points would be reconstructed where necessary, and alternate access may be needed.

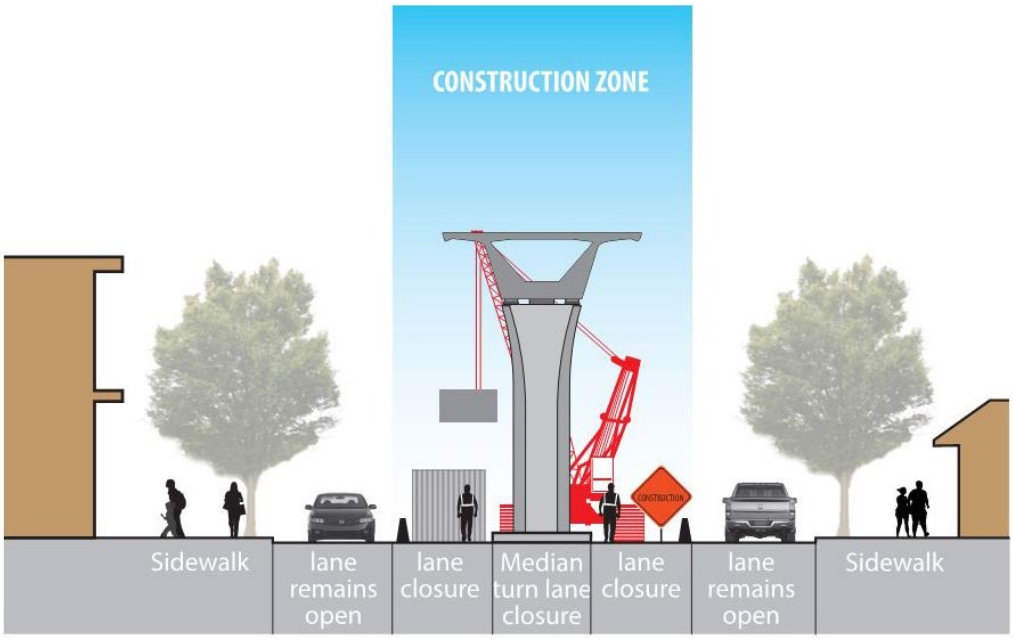

Figure 2-43 Construction of Elevated Guideway in Median (Typical Cross Section)

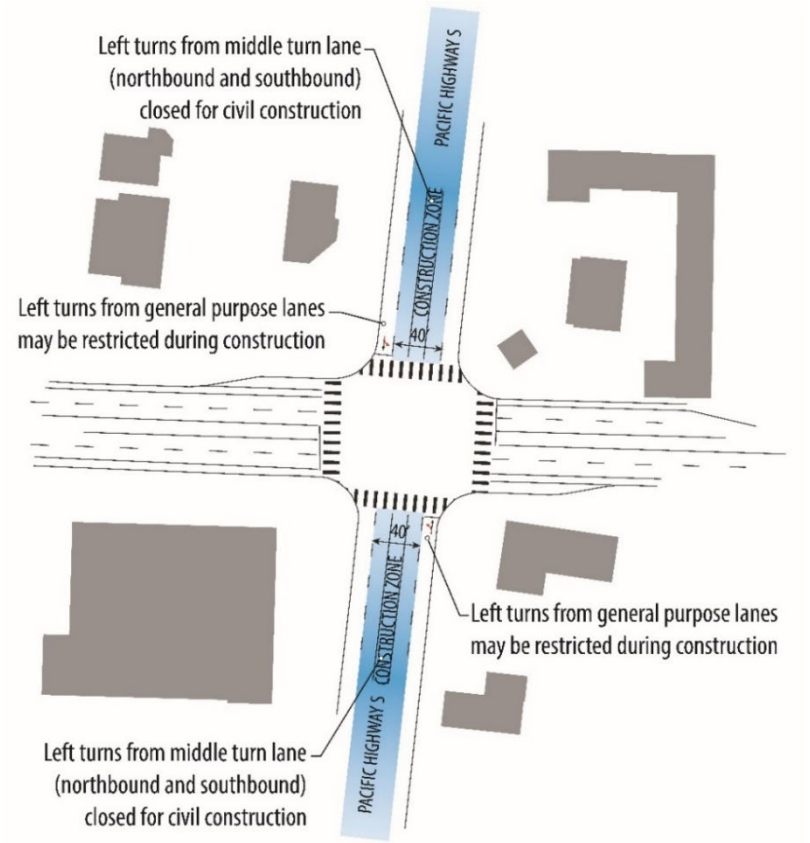

Figure 2-44 Construction of Elevated Guideway in Median (Typical Plan View)

Construction of the elevated guideway over wetlands and creeks may require temporary trestles, which are temporary steel and timber bridges supported on steel pipe pile bents. The temporary trestle would allow the heavy equipment and the crew to access the elevated guideway construction. As soon as the elevated guideway structure is complete, the temporary trestle would be removed. Installation and removal of the temporary trestle in wetland and stream areas would require environmental permits.

Where the light rail would go over or near Sounder/Amtrak tracks, construction methods to allow the project to be built while maintaining rail operations would be used to minimize disruptions to those tracks.

Bridge Construction over the Puyallup River

Two bridge options are being considered for all the alternatives in the Tacoma Segment. See Section 3.10, Navigation, for the discussion of potential construction impacts and mitigation measures.

Long-Span Bridge

Light rail guideway construction for a segmental box girder structure spanning the Puyallup River may be able to be accomplished without the need to place permanent or temporary structures or equipment within the river. If other long-span structure types are selected as the bridge type, barges or temporary in-water equipment may be needed to support construction.

Foundations for these alternatives would include work within the levee prism on each side of the river. Due to the proximity to the river and to freight rail tracks, this work would begin with construction of excavation shoring systems and then excavation. Drilled shafts would then be constructed within the excavation, starting with steel casings installed via vibratory methods, followed by construction of the shafts within the casings. A cast-in-place concrete cap would be built on top of the shafts; then the columns and guideway would be constructed similar to other elevated guideway in the project, depending on the bridge type used.

Pier-Supported Bridge

Light rail guideway construction for alternatives that include piers in the Puyallup River would generally look like the typical elevated light rail construction described above, with some key differences. In order to position equipment and materials needed to construct the guideway, temporary over-water access would be constructed. One typical type of access would be in the form of a steel pile-supported work trestle with a timber deck. For this type, steel piles are driven first, then a steel beam and girder superstructure is erected, and then a decking made of heavy timbers is placed on top. Another possible type of access would be the assembly of one or more modular steel floating barge systems anchored to the shore and riverbed. Over-water access would be the first step in any in-river construction.

Foundation construction in the river would require construction of cofferdams, typically constructed of either steel sheet piling or steel pipe piling that is driven into place using impact or vibratory means. The water within the cofferdams is pumped out, allowing for construction to proceed in dry conditions. The cofferdams also serve to isolate the foundation construction from the rest of the river, and they would be removed after foundation and concrete column construction is complete. Foundation construction would be deep-driven or augured piles, or drilled shafts, likely multiple piles or shafts connected by a cast-in-place concrete cap. Columns and guideway would be constructed similar to other elevated guideway in the project.

With alternatives that include piers in the river, additional work in the river to mitigate against scour of the riverbed or levees on each side of the river may also be needed. This could consist of the addition of riprap and other rock to the riverbed. Scour mitigation work may require additional cofferdams in the river, depending on the nature of the migration work.

In-Water Work Restrictions

Any in-water work in the Puyallup River would be subject to work-window restrictions to protect Endangered Species Act (ESA)-listed fish as well as timing restrictions for Tribal fishing and ceremonial activities. The exact windows and associated activity restrictions would be determined during the permitting process with the Puyallup Tribe of Indians, United States Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), and United States Army Corps of Engineers (USACE).

Guideway construction adjacent to and above BNSF freight rail right-of-way on each side of the river would likely be temporarily paused from October through December, as historically the freight railroads do not allow construction during this window, which typically sees the highest rail traffic volume.

2.5.5 Stations

In the South Federal Way and Fife segments, the construction footprint for each station area would be approximately 8 to 10 acres and would accommodate construction of the station, parking (either surface or garage), and staging areas. All Portland Avenue and Tacoma Dome Station options would have smaller construction footprints of approximately 5 to 8 acres because they do not have parking. Construction of the stations themselves would be similar to construction of the guideway in terms of sequencing (e.g., utility relocations, site preparation, and column construction for elevated stations). The extent of demolition and utility relocations would be greater than for the guideway, due to the size of the sites. Once the station structure itself is complete, other components of station construction would include surface parking lots and/or garage structures, bus circulation areas, internal circulation facilities (stairways, escalators, and elevators), and other ancillary facilities, such as traction power substations, storage buildings, and payment kiosks.

The SF Enchanted Parkway, SF I-5, SF 99-Enchanted, SF 99-352nd, Portland Avenue, and Tacoma Close to Sounder stations would not be located in roadways and would not require roadway reconstruction, although they may include new access roads on what is currently private property. The SF 352nd Span, Fife 54th Span, Portland Avenue Span, Tacoma 25th Street-West, Tacoma 25th Street-East, and Tacoma 26th Street stations would span or be located within the roadway, would be constructed in multiple phases, and would require additional night and weekend closures and traffic detours to allow for construction.

Station construction would generally last 2 to 3 years at each station area.

2.6 Environmental Practices and Commitments

Sound Transit views environmental stewardship as a responsibility of all employees, contractors, and consultants. To that end, the agency integrates environmental ethics and sustainable business practices into all planning, design, construction, and operations.

Sound Transit goes beyond regulatory requirements in its commitment to environmental stewardship and sustainability. The 2004 Environmental Policy states that the agency will satisfy

all applicable laws and regulations and mitigate environmental impacts consistent with Sound Transit's policies, as well as strive to exceed compliance, restore the environment, avoid environmental degradation, and prevent pollution and conserve resources (Sound Transit 2004). The 2007 Sustainability Initiative builds on this and identifies the agency's sustainability objectives as also addressing social and economic development issues (Sound Transit 2007).

Sound Transit's internationally certified (ISO 14001) Environmental and Sustainability Management System implements the agency's Sustainability Plan. Sound Transit maintains the Environmental and Sustainability Management System to be accountable for controlling environmental impacts, maintaining environmental compliance, and demonstrating performance improvement. The Board-approved long- and short-term goals for the management system's environmental and sustainability objectives are found in Sound Transit's 2015 and 2019 Sustainability Plan update documents (Sound Transit 2019d). Examples of environmental or best management practices that are integrated into the project design and implementation include measures to minimize project impacts, such as stormwater control, appropriate compensation for affected properties, due diligence work to address hazardous materials, and construction plans that keep the community informed.

Sound Transit uses the ENVISION rating system to evaluate the sustainability of its infrastructure projects and verify the project is providing sustainable transportation options, meaningful engagement with communities, using renewable energy, improving quality and reliability, and taking steps to protect the environment (ISI 2023). In addition to meeting environmental commitments, Sound Transit would avoid and minimize impacts where possible. Where adverse impacts cannot be avoided, potential measures to mitigate the adverse impacts of TDLE would be identified. When a project alternative is selected to be built, mitigation commitments would be documented in the NEPA ROD. If needed, mitigation measures may be refined through final design and permitting, which would require consultation with FTA.

2.7 Project Funding and Opinion of Probable Cost

As a result of reduced revenue resulting from the COVID-19 pandemic and higher real estate and construction costs, Sound Transit will not be able to deliver many expansion projects on their original timelines. In August 2021, the Sound Transit Board adopted Resolution R2021-05, referred to as the system expansion realignment plan. The plan serves as a framework for delivering projects efficiently and on schedule while addressing the affordability gap. The resolution establishes a target for beginning TDLE operations in 2032; however, due to the additional alternatives analysis identified in Motion M2023-19, the beginning of operations is now projected to be later, in 2035. The resolution also establishes affordable completion dates for parking facilities at both Fife and Federal Way stations in 2038, approximately 3 years after their forecasted start of service.

2.7.1 Project Funding

Sound Transit's regional transit programs and projects are typically funded through a combination of voter-approved taxes collected in a three-county district, FTA and other grants, bonds, and fare box revenue. In 2016, voters approved funding for Sound Transit 3, which included funding to construct TDLE. Additional funding sources to complete the project could include FTA grants, additional voter-approved tax revenue or other sources.

After the Sound Transit Board selects the alternative to be built, Sound Transit will coordinate with FTA to identify if there are any impacts to other previous FTA-funded projects and any financial steps that need to be taken to cover those impacts.

2.7.2 Cost Comparison

This section provides preliminary opinions of probable cost for each design alternative. These opinions of probable cost are intended to serve as a basis for comparing various design alternatives and options; they are not intended to serve as a method for establishing the project budget. These opinions of cost are based on early design and will continue to be refined during future stages of final design. The opinion of probable cost consists of many components and include one-time capital costs and construction costs (including parking), anticipated/estimated mitigation, right-of-way/property acquisition costs, engineering costs, equipment costs, and contingency. However, it does not include the cost of additional light rail vehicles needed to operate the project or variable market factors.

The opinion of probable cost for each design alternative shown in Table 2-6 is based on the current level of design (approximately 10 percent design). At this early phase of project development, the opinion of probable costs is for comparative purposes only (Sound Transit 2016). It does not represent the project budget. Sound Transit has developed the high-level conceptual opinion of probable cost for all alternatives under evaluation in the Draft EIS. A project baseline budget is typically established at approximately 60 percent design (depending on the delivery method) prior to the start of construction.

Given the current early level of project design, there remain uncertainties regarding the project scope, engineering data, mitigation requirements, schedule, and project delivery methods. Therefore, these conceptual estimates focus on the project elements that are defined consistently across alternatives, that capture the essential physical features of alternatives, and that help distinguish alternatives from one another.

A more detailed estimate, applying a “bottoms up” cost methodology will be developed in the future. Early preliminary information from this methodology for other projects indicates cost growth attributable to the change in estimating methodology, market conditions, design development, and scoping changes. Capital projects across the Puget Sound region are experiencing the effects of market factors including increases in the cost of materials, equipment, and labor. Sound Transit anticipates that construction costs will continue to escalate over the course of project development and final design. Each project estimate throughout the various design phases will therefore need to be evaluated and adjusted specifically considering current market conditions. This market conditions adjustment is independent of escalation and will fluctuate with economics and the value of any given project considered by the marketplace.

Table 2-6 Opinion of Probable Cost for TDLE in 2024 Dollars

Alternative	Opinion of Probable Cost[1]
Federal Way Segment[2]	
FW Enchanted Parkway (with and without the FW Design Option)	$390 million - $398 million
South Federal Way Segment[3]	
SF Enchanted Parkway	$1.66 billion - $1.71 billion
SF Enchanted Parkway with SF 352nd Span Station Option	$1.67 billion - $1.72 billion
SF I-5	$1.57 billion - $1.60 billion
SF 99-West Alternative	$1.56 billion - $1.62 billion
SF 99-West Alternative with Porter Way Design Option	$1.57 billion - $1.63 billion
SF 99-East Alternative	$1.71 billion - $1.75 billion
SF 99-East Alternative with Porter Way Design Option	$1.70 billion - $1.74 billion
Fife Segment[3]	
Fife Pacific Highway	$0.99 billion - $1.04 billion
Fife Pacific Highway - 54th Avenue Design Option	$0.97 billion - $1.03 billion
Fife Pacific Highway - 54th Span Design Option	$0.99 billion - $1.05 billion
Fife Median	$1.09 billion - $1.15 billion
Fife Median Highway - 54th Avenue Design Option	$1.07 billion - $1.13 billion
Fife Median Highway - 54th Span Design Option	$1.09 billion - $1.15 billion
Fife I-5	$0.99 billion - $1.05 billion
Fife I-5 - 54th Avenue Design Option	$0.97 billion - $1.03 billion
Fife I-5 - 54th Span Design Option	$0.99 billion - $1.05 billion
Tacoma Segment[4]	
Preferred Tacoma 25th Street-West (Portland Avenue Station)	$1.27 billion - $1.51 billion
Tacoma 25th Street-West (Portland Avenue Span Station Option)	$1.25 billion - $1.49 billion
Tacoma 25th Street-East (Portland Avenue Station)	$1.18 billion - $1.42 billion
Tacoma 25th Street-East (Portland Avenue Span Station Option)	$1.20 billion - $1.44 billion
Tacoma Close to Sounder (Portland Avenue Station)	$1.12 billion - $1.36 billion
Tacoma Close to Sounder (Portland Avenue Span Station Option)	$1.11 billion - $1.35 billion
Tacoma 26th Street (Portland Avenue Station)	$1.23 billion - $1.47 billion
Tacoma 26th Street (Portland Avenue Span Station Option)	$1.21 billion - $1.45 billion

Notes:

(1) A more detailed estimate, applying a “bottoms up” cost methodology will be developed in the future. Opinions of probable cost are for comparative purposes only and do not represent the project budget.

(2) The FW Design Option would cost approximately $10 million dollars more.

(3) In the South Federal Way Segment and the Fife Segment, provision of a new parking garage at each station represents the higher end of the cost range whereas provision of new surface parking at each station represents the lower end of the range.

(4) In the Tacoma Segment, the higher end of the cost range reflects the costs for the alternative with a long-span bridge at the Puyallup River crossing whereas the lower end of the range reflects the costs for the pier-supported bridge.

Each alternative developed for system planning had conceptual alignment drawings, potential station locations, and/or written descriptions prepared that provided needed definition for each of the major cost components. These documents formed the basis for the identification of various composite cost elements that were used to prepare the capital cost estimates.

2.7.3 Operation and Maintenance Costs

This section provides estimated operation and maintenance costs for TDLE. The major determinants of maintenance and operating costs are service levels, running time, and trackway profile. TDLE would have estimated annual operation and maintenance costs of approximately $54 million. If the project were constructed in phases, the M.O.S to the station in South Federal Way and the M.O.S to the station in Fife would have annual operation and maintenance costs of approximately $21 million and $41 million, respectively. These estimates will be refined during final design.

Each alternative developed for system planning had conceptual alignment drawings, potential station locations, and/or written descriptions prepared that provided needed definition for each of the major cost components. These documents formed the basis for the identification of various composite cost elements that were used to prepare the capital cost estimates.

3 TRANSPORTATION ENVIRONMENT AND CONSEQUENCES

The transportation system analysis considered eight transportation elements: regional transportation, transit operations, arterial and local streets, freight access and mobility, nonmotorized facilities, safety, public parking, and navigation. Long-term (operations) and short-term (construction) impacts to these elements were analyzed for the 2042 No-Build and TDLE build alternatives. Appendix J1, Transportation Technical Report, includes additional detailed information on elements of the affected environment related to transportation and potential impacts of the No-Build and TDLE build alternatives.

3.1 Affected Environment

The study area (Figure 3-1) for this transportation analysis includes the SR 99 and I-5 corridors from S 320th Street in Federal Way to approximately Interstate 705 (I-705) in the City of Tacoma. Pacific Highway, which extends through the Federal Way, South Federal Way, and Fife segments of the TDLE corridor, is designated as SR 99 to 54th Avenue E in Fife. SR 99 and Pacific Highway are both used in this analysis and refer to the same roadway. West of 54th Avenue E, Pacific Highway continues as a local surface street to the eastern approach of the Fishing Wars Memorial Bridge. Major arterials in the study area include S 348th Street and Enchanted Parkway S in Federal Way, 54th Avenue E and Port of Tacoma Road in Fife, and Portland Avenue E and Puyallup Avenue in Tacoma.

The sections that follow describe the traffic-related operations and performance on all regional and local roadway facilities, transit (road-based and rail), freight, bicycles and pedestrians, safety, parking, and navigable waterways. Section 4.2, Land Use, describes the jurisdictions and types of land uses in the surrounding areas, and Section 4.3, Economics, describes businesses and other activities relying on the transportation system.

3.1.1 Transportation Conditions and Trends

Regional transportation modeling from the PSRC travel demand model and the Sound Transit incremental ridership model reflect conditions for the 2016 base year. The Sound Transit incremental ridership model was calibrated using observed 2016 regional transit ridership data, and estimates of regional travel measures from the travel demand model are shown in the same base year for consistency. The 2016 base year was used to forecast future transit ridership in 2042 for the build and no-build alternatives.

Prior to COVID-19 and between 2016 and 2019, Sound Transit ridership increased (Sound Transit 2017, 2019), while King County Metro ridership remained steady (King County Metro 2022) and Pierce Transit ridership experienced a modest decline (Pierce Transit 2019). During the COVID-19 pandemic, transit ridership experienced a sudden and dramatic decline across all modes and agencies. Since 2020, transit ridership on Sound Transit, King County Metro, and Pierce Transit services continues to recover, but remains lower than pre-pandemic 2019 ridership for all three agencies as of 2024 (APTA 2019, 2024). Since the incremental ridership model was calibrated based on observed transit data in 2016 and trends in regional transit ridership remains lower than 2019 ridership, the 2016 base year still provides the most meaningful base year from which to forecast future transit ridership in 2042.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 3-1
Study Area

Tacoma Dome Link Extension

Analysis of existing conditions and traffic on arterials and local streets uses 2019 observed traffic counts on roadway segments and at intersections along the TDLE corridor. Traffic on regional and local roadways experienced a decline during the height of the COVID-19 pandemic in 2020. The decline in overall traffic volumes on regional roadways, such as I-5 and Pacific Highway, was pronounced but have returned, as of 2023, to levels similar to the pre-pandemic 2019 average annual daily traffic (ADT) figures. In the TDLE study area, WSDOT annual counts for northbound and southbound traffic on Pacific Highway and I-5 are shown in Table 3-1. This WSDOT count information is similar to traffic volumes on major regional roadways used for analysis in the Draft EIS based on the observed traffic data and regional estimates. Since the ADT counts in 2023 are similar to 2019, the traffic analysis generally reflects current conditions as of 2023 and is therefore appropriate to use for the TDLE technical analysis.

Table 3-1 2019 and 2023 Estimated Traffic Volumes

Regional Roadway	Segment	Location	2019 Average Daily Traffic (ADT)	2023 Average Daily Traffic (ADT)
I-5	Federal Way Segment	North of SR 18	188,000	185,000
I-5	South Federal Way Segment	South of SR 18 Off-Ramps	142,000	140,000
I-5	Fife Segment	East of 54th Avenue E /SR 99 On-Ramp	195,000	193,000
I-5	Tacoma Segment	East of SR 705/SR 7 Off-Ramp	230,000	228,000
Pacific Highway	Federal Way Segment	North of 16th Avenue S	33,000	34,000
Pacific Highway	South Federal Way Segment	South of SR 18	26,000	27,000
Pacific Highway	Fife Segment	East of 54th Avenue E	24,000	25,000

Source: WSDOT 2024.

3.1.2 Regional Transportation

3.1.2.1 Existing Regional Roadways

The TDLE roadway network includes regional roadways, including highways and arterials that connect the study area to the region's major population and employment areas.

Regional Travel Measures

The regional travel measures of vehicle miles traveled (VMT), vehicle hours traveled (VHT), and vehicle hours of delay (VHD) by mode are used to summarize regional travel patterns across the Puget Sound region and are primarily useful for comparison purposes between existing and future conditions (summarized in Section 3.3) with and without the proposed TDLE. Table 3-2 summarizes existing conditions in 2016 for VMT, VHT, and VHD as estimated by the regional travel demand model. The Sound Transit incremental ridership model was calibrated from 2016 regional transit ridership data, and estimates of regional travel demand are shown in the same 2016 base year for consistency in regional and screenline estimates.

Table 3-2 Existing 2016 Regional Travel Measures – Daily VMT, VHT, and VHD by Mode

Mode of Travel	Vehicle Miles Traveled	Vehicle Hours Traveled	Vehicle Hours Delay
Passenger Vehicles	79,500,000	2,800,000	735,700
Heavy Trucks	9,000,000	260,000	82,300
Transit	205,000	15,000	2,600
Total	89,000,000	3,100,000	820,600

Source: PSRC Travel Demand Model – Base Forecast Scenario 2016, data rounded by Fehr & Peers April 2020.

3.1.2.2 Screenline Traffic Volume Performance

Screenlines are imaginary lines drawn across major roadways within the study area. Data at these screenlines provide a snapshot of traffic conditions (such as volumes, roadway volume-to-capacity ratios [v/c], and vehicle mode share) along the corridor. V/c ratio is a measurement of traffic volumes on a roadway or at an intersection compared to the estimated capacity of that roadway or intersection. A v/c ratio of 1.0 indicates that a roadway or intersection is operating at capacity. Five regional screenlines were evaluated to assess regional north-south and east-west travel along the project corridor. The screenlines were evaluated using the PSRC regional travel demand models for passenger vehicle travel and the Sound Transit model for transit travel in the 2016 base year. Figure 3-2 shows the screenline locations contained in the three segments.

- Screenline #1: East-west crossing, located approximately along S 360th Street.
- Screenline #2: North-south crossing, located near 54th Avenue E.
- Screenline #3: North-south crossing, along the Puyallup River.
- Screenline #4: North-south crossing, located approximately near East L Street.
- Screenline #5: East-west crossing, located approximately along S 48th Street.

Three of the five screenlines (Screenlines #1, #2, and #3) have directional volumes at or close to capacity during the PM peak hour[1] (may vary by location, but generally between 3 and 6 p.m.), which indicates substantial congestion in the southbound direction (peak direction in the PM peak hour). The other two screenlines (Screenlines #4 and #5) do not exhibit the same level of congestion, with v/c ratios below 0.8 across the entire screenline. Congestion does exist in the area, especially along I-5 due to heavy merging and diverging traffic and impacts from the SR 16 and I-705 interchanges in Tacoma. All v/c ratios in the southbound/westbound direction are higher than the corresponding northbound/eastbound v/c ratios at each individual screenline (off-peak direction during the PM peak hour).

During the PM peak hour, more than 63 percent of the northbound traffic and about 60 percent of the southbound traffic are single-occupancy vehicles across all screenlines. High-occupancy vehicles account for about 33 percent of northbound traffic and nearly 36 percent of southbound traffic. Approximately 6 percent of southbound traffic and less than 2 percent of northbound traffic is attributed to transit.

[1] The data used in the regional traffic analysis were provided from the PSRC regional travel demand model. This model only evaluates the PM peak period because this is the period of the day when traffic volumes are highest and congestion is greatest. Therefore, the analysis included in the Draft EIS is reported for the PM peak period with analysis for the PM peak hour, or the hour with the greatest traffic volumes within the peak period, which is typically 3 hours.

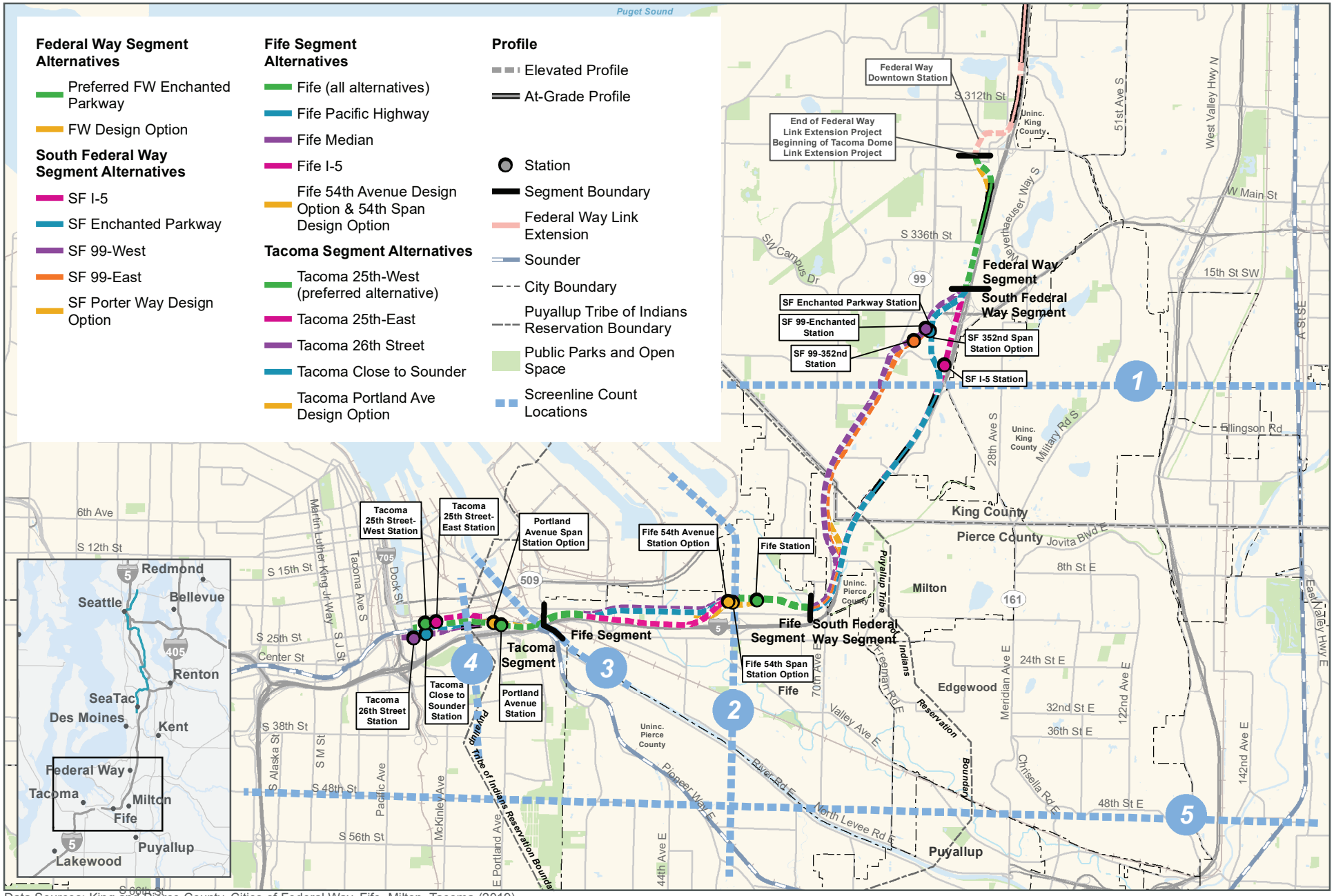

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 3-2
Screenline Count Locations

Tacoma Dome Link Extension

3.1.3 Transit Operations

King County Metro (Metro), Pierce Transit, and Sound Transit provide transit service in the study area, with regional and local bus fixed-route, Sounder commuter rail, and T Line light rail service to transit centers, park-and-rides, and bus stops. Table 3-3 shows the current (2016) daily boardings and transit trips served by regional transit for the entire Sound Transit three-county transit district. The regional transit system serves riders with over 600,000 daily boardings.

Table 3-3 2016 Weekday Transit Ridership

	2016[2]
Total Regional Daily Transit Trips[1]	467,000
Total Regional Daily Transit Boardings[3]	605,000
Total Regional Link Boardings[3]	70,000

Source: Ridership & Traffic Forecast Technical Memorandum, Fehr & Peers April 2020.

Notes:

(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, Central, and T Line services, and the Seattle Streetcar.

(2) The Sound Transit Ridership model was calibrated for 2016 as the base or existing year and boardings in that year are included for reference.

(3) Boardings count each time a passenger boards a transit vehicle; passengers who transfer between transit lines in a single trip count as multiple transit boardings. Transit boardings include all boardings on bus, Sounder, Central, and T Line services, and the Seattle Streetcar. Regional Link Boardings include boardings on Central and T Line services only.

Regional transit ridership from 2016 was used to calibrate the Sound Transit incremental ridership model to project potential transit ridership to 2042. The following sections discuss 2016 ridership in the context of recent traffic (2019–2024), transit service, and conditions at transit facilities.

3.1.3.1 Transit Centers and Park-and-Rides

The Federal Way Downtown Station, currently being constructed by FWLE on the Federal Way Transit Center site, is immediately north of TDLE.

Two existing park-and-ride facilities in the study area, the Federal Way/S 320th Street Park and Ride and South Federal Way Park and Ride, are located more than 0.5 mile from the proposed station locations for TDLE. The transit center at Tacoma Dome Station includes two park-and-ride structures providing a total of 2,337 park-and-ride spaces.

3.1.3.2 Transit Service

Regional and Local Bus Service

As of 2023, 16 bus routes serve destinations in the TDLE study area, including local and regional service provided by Sound Transit, Metro, and Pierce Transit. Appendix J1, Transportation Technical Report, provides a list of transit routes that serve the study area. Greyhound and FlixBus provide intercity service from the transit center at Tacoma Dome Station.

Rail Service

Sound Transit operates Sounder commuter rail between Lakewood/Tacoma and Seattle, with a stop at the Tacoma Dome Station in the Tacoma study area. Trains operate northbound and southbound, with a total of 13 trips per day at Tacoma Dome Station in each direction on weekdays, and eight of these weekday trips in each direction serve stations south of Tacoma Dome. Service is

predominantly northbound in the morning and southbound in the evening. Limited northbound and southbound service is provided outside the peak periods. A second Sounder commuter rail line operates between Everett and Seattle. Sound Transit also operates T Line between Tacoma Dome Station and Saint Joseph Medical Center in the Hilltop neighborhood. Stations along the route serve the University of Washington Tacoma campus, Tacoma Convention Center, and MultiCare Tacoma General Hospital.

Amtrak provides long-distance intercity (Coast Starlight) and state-supported (Amtrak Cascades) rail service, with a stop in Tacoma. The Tacoma Amtrak station was relocated in 2021 to a newly constructed station within Freighthouse Square, north of Tacoma Dome on E 25th Street, when train service began on the Point Defiance Bypass segment via Dupont. There is one daily roundtrip of the Coast Starlight route and four daily roundtrips of the Amtrak Cascades route.

3.1.3.3 Transit Levels of Service

Transit Level of Service (L.O.S.) performance measures for service frequency, hours of service, passenger load, and reliability were analyzed for the PM peak period. Appendix J1, Transportation Technical Report, describes transit L.O.S. definitions and the existing and future transit L.O.S. values for each of the L.O.S. measures identified below. For transit L.O.S. performance, L.O.S. A indicates frequent peak-period service, more hours served during the day, high on-time performance, and minimal passenger crowding in a transit vehicle. Conversely, L.O.S. F indicates infrequent or irregular service, minimal service hours, poor reliability, and passenger crowding in the vehicle.

Service Frequency

Transit service between downtown Seattle and Tacoma operates with PM peak period service headways of 5 to 8 minutes (L.O.S. A or B). However, most of the study area between south Federal Way and Tacoma does not have direct bus service connecting the communities along the corridor to major regional destinations, such as Seattle-Tacoma International Airport or downtown Seattle. Most routes operate with PM peak period service headways of 21 minutes or longer (L.O.S. D or worse).

Headway

A headway is the amount of time between vehicles passing the same point while traveling in the same direction on a transit route.

Direct Bus Service

Direct bus service is a bus trip from one location to another that does not require a transfer.

Hours of Service

From the transit center at Tacoma Dome Station, the Tacoma Segment study area is well connected to Seattle-Tacoma International Airport and downtown Seattle for much of the day (L.O.S. A). South Federal Way has limited hours of service to downtown Seattle (L.O.S. E/F). The Fife Segment has direct transit connections to the existing Tacoma Dome Station (L.O.S. C).

Passenger Load

The passenger load L.O.S. reflects the average of all passenger loads on buses or Sounder service that cross a given screenline. At each screenline, some of the peak hour bus service may experience higher passenger loads than others; however, the average weekday PM peak hour passenger load L.O.S. for bus and Sounder service ranges from 0.02 to 0.63 (L.O.S. B or better). L.O.S. B means passengers have the option to choose where they sit, while L.O.S. A means that no passenger needs to sit next to another and empty seats are available to store carry-on items. The screenlines capture Sounder riders starting south of the Auburn Sounder station. Many

southbound Sounder passengers disembark at Tukwila, Kent, and Auburn, and the passenger loads are L.O.S. B or better when the Sounder train reaches screenline #1.

On-Time Reliability

Reliability of service was analyzed between major transit hubs within or to and from the TDLE corridor. Sound Transit Express bus routes provide service between Tacoma and Seattle-Tacoma International Airport, the University of Washington, and downtown Seattle, and all use I-5 for most of the route.

Sound Transit Express buses operate with poor on-time performance due to traffic congestion and wide variations in roadway travel times, with an average on-time performance of 79 percent (L.O.S. E). Sounder service, which is not influenced by traffic congestion, has an average on-time performance of 95 percent (L.O.S. A).

3.1.4 Arterial and Local Streets

3.1.4.1 Roadway Network

In addition to the regional roadways that would connect the study area to other regional population and employment centers, there are numerous local arterials and roadways that would connect drivers within the South Federal Way, Fife, and Tacoma segments to the proposed TDLE station locations.

3.1.4.2 Intersection Operations

Intersection operations analysis was conducted for the existing conditions for each segment. With input from the local jurisdictions and the Port of Tacoma, Sound Transit selected 86 intersections for analysis in the AM and PM peak hours. These include intersections that would be directly affected by TDLE, including intersections with changes to channelization, roadway width, or signal control, as well as intersections that would be indirectly affected, such as by a change in vehicular or pedestrian activity due to proximity to light rail stations. Existing traffic operations were measured at each intersection from traffic counts in fall 2019 and supplemented with count data and Synchro analysis from local jurisdictions.

The 86 study intersections are shown in traffic operations figures, which are summarized in Figures 3-3 through 3-10. In addition to identifying the study area intersections, these figures show anticipated L.O.S. and, where applicable, v/c ratios in the year 2042 for the No-Build and Build alternatives. Analysis of traffic operations at these intersections references agency intersection L.O.S. and/or v/c ratio standards, shown in Table 3-4, and applies these standards to both the AM and PM peak periods. The City of Federal Way and City of Tacoma use v/c ratios, a measure of existing traffic (volume) relative to the amount of traffic the roadway was designed to accommodate (capacity), in their traffic operations standards. The City of Fife uses L.O.S. standards.

Table 3-4 Intersection Operations Standards for Affected Agencies

Agency	Intersection Operations Standard
Washington State Department of Transportation	L.O.S. D for highways of statewide significance (HSS) L.O.S. E/mitigated for regionally significant state highways (non-HSS)
City of Federal Way	v/c ratio standard of 1.0 for unsignalized intersections v/c ratio standard of 1.2 for signalized intersections
City of Fife	L.O.S. D for all intersections
City of Tacoma	L.O.S. E or better and v/c ratio of 0.99 or below for arterials L.O.S. D or better and v/c ratio of 0.89 or below for all other roadways

Federal Way Segment

Currently, all study intersections in the Federal Way Segment meet the City of Federal Way and WSDOT standards for intersection operations based in Synchro analysis of 2019 counts from the City of Federal Way.

South Federal Way Segment

During the AM and PM peak hours, all sampled study intersections in the South Federal Way Segment meet the agency intersection standards based in Synchro analysis of 2019 counts from the City of Federal Way.

Fife Segment

The roadway network and traffic volumes in the Fife Segment are anticipated to change from 2019 conditions after the construction of the SR 167 Completion Project, as well as improvements to the I-5/54th Avenue E and Port of Tacoma Road interchanges. Increases and decreases in traffic volumes as a result of those project improvements will vary by intersection. Because the improvements will alter future conditions within the Fife Segment, the analysis of existing L.O.S. was performed for select locations to provide context about current intersection operations.

During the AM peak hour, all sampled study intersections in the Fife Segment meet the agency intersection standards except for 54th Avenue E at I-5 Southbound Ramps (Fife Intersection #14), which operates at L.O.S. E. At this intersection, L.O.S. in the AM and PM peak hours is shown in Table 3-5.

During the PM peak hour, five of the sampled study intersections in the Fife Segment operate below the agency standards of L.O.S. D conditions (Fife Intersections #3, #13, #15, #21, and #24). The intersection at 70th Avenue E and SR 99 (Fife Intersection #25) was modeled as a signalized intersection as of 2019 and performed below agency standards; however, this intersection has since been converted to the Wapato Way E/SR 99 roundabout, which was not modeled in existing conditions. L.O.S. at these intersections in the AM and PM peak hours is shown in Table 3-5.

Tacoma Segment

During the AM peak hour, most of the study intersections in the Tacoma Segment operate at or better than the agency intersection standards except for three unsignalized two-way stop-controlled intersections (Tacoma Intersections #9, #11, and #33). L.O.S. at these intersections in the AM and PM peak hours is shown in Table 3-5.

Most intersections during the PM peak hour operate at or better than the agency intersection standards except for two intersections, both two-way stop-controlled intersections on E Portland Avenue (Tacoma Intersections #32 and #33). L.O.S. at these intersections in the AM and PM peak hours is shown in Table 3-5.

Table 3-5 Intersections Performing Below Agency Standards (2019)

Intersection	Applicable Standard	AM Peak L.O.S. or V/C	PM Peak L.O.S. or V/C
Port of Tacoma Road/Pacific Highway (Fife Intersection #3)	WSDOT HSS (L.O.S. D)	C	***F***
54th Avenue E/SR 99 (Fife Intersection #13)	WSDOT HSS (L.O.S. D)	D	***F***
54th Avenue E at I-5 Southbound Ramps (Fife Intersection 1#14)	WSDOT HSS (L.O.S. D)	***E***	B
54th Avenue E/I-5 Northbound Ramps (Fife Intersection #15)	WSDOT HSS (L.O.S. D)	B	***F***
59th Avenue Ct E at SR 99 (Fife Intersection #21)	WSDOT HSS (L.O.S. D)	A	***F***
62nd Avenue E/SR 99 (Fife Intersection #24)	WSDOT HSS (L.O.S. D)	B	***F***
70th Avenue E at SR 99 (Wapato Way E at SR 99, Fife Intersection #25)	City of Fife (L.O.S. D)	Not in Model	***F***
I-705 Off-Ramp/E 26th Street (Tacoma Intersection #9)	WSDOT HSS (L.O.S. D)	***F***	D
East C Street/Tacoma Dome Parking Lot Driveway (Tacoma Intersection #11)	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***F***	D
E Portland Avenue/E 25th Street/E Bay Street (Tacoma Intersection #32)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	***F***
E Portland Avenue/E 26th Street (Tacoma Intersection #33)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***E***	***F***

3.1.5 Freight Mobility and Access

Freeways, arterials, and local streets are important for moving freight and goods in the study area. Truck mobility within the Puget Sound region, including the South Sound area, is largely supported by a system of designated freight routes. WSDOT has designated the state freight corridors by modes based on annual freight tonnage moved by truck, rail, and waterway freight corridors. This classification system is called the Freight and Goods Transportation System. The truck freight classifications range from T-1, with more than 10 million tons annually, to T-5, with more than 20,000 tons in 60 days. The City of Tacoma also has a Freight Priority Network that includes a Heavy Haul Network to support commerce associated with the Port of Tacoma shown in Table 3-6.

Table 3-6 Tacoma Freight Priority Network

Network Classification	Streets Near TDLE Stations
Heavy Haul Network	Primarily within the Port of Tacoma on: • Taylor Way north of SR 509 • Lincoln Avenue between Alexander Avenue and Taylor Way and between Port of Tacoma Road and Portland Avenue E • Port of Tacoma Road north of SR 509 • E 11th Street between Port of Tacoma Road and Milwaukee Way and between Alexander Avenue and Taylor Way • Thorne Road • Marshal Avenue • Milwaukee Way from Lincoln Avenue Loop to Puyallup Avenue • Portland Avenue E from E 11th Street to Lincoln Avenue • St Paul Avenue from E Normal Street to Portland Avenue E • East D/E 15th Street from E 19th Street to St Paul Avenue • E 19th Street from E 18th Street to East D Street
Primary Streets	Throughout the City of Tacoma on arterial roadways including: • I-5, I-705, SR 509, SR 7/Pacific Avenue, S 167/ River Road, SR 16, Fishing Wars Memorial Bridge • East D Street and East F Street north of E 11th Street and from E 19th Street to E 26th Street • A Street north of I-705 • Pacific Avenue from S 38th Street S 21st Street • S 26th Street and South Tacoma Way west of East D Street • 11th Street from East D Street to driveways west of Portland Avenue E, from Portland Avenue E to Milwaukee Way, from Blair Waterway from Alexander Avenue E, and from Taylor Way to SR 509

Tacoma Rail operates freight rail service from the Port of Tacoma to their Mountain Division, which connects Tacoma to Chehalis and Morton, Washington. A portion of the rail line between the Port of Tacoma and the Tacoma Rail Mountain Division, near and at the Tacoma Dome Station, is owned by Sound Transit. Tacoma Rail has operating rights along the portion of Sound Transit-owned rail line. Tacoma Rail typically operates between two and three freight trains during the week in the evenings, and occasionally operates a train during the day.

3.1.6 Nonmotorized Access

The study area for nonmotorized facilities is a 1-mile radius around each station for pedestrian facilities and a 3-mile radius around each station for bicycle facilities. The 1-mile radius around TDLE station alternatives represents the maximum distance typical riders would walk to the station, and the 3-mile radius represents the maximum distance typical riders would bike to the station. This section describes existing nonmotorized facilities within the study area, including sidewalks, on-street bicycle facilities, and shared-use paths within the study area as of 2020. Curb ramps and sidewalks in the proposed study area do not consistently meet ADA standards, and I-5 is a consistent barrier to nonmotorized access. Section 4.5 of Appendix J1, Transportation

Technical Report, includes additional detail and figures depicting the location of existing (2020) nonmotorized facilities in the study area.

3.1.6.1 South Federal Way Station Area

Sidewalks are currently provided on many arterial streets within a 1-mile radius of the proposed station locations in South Federal Way. There are some existing gaps in the network, including on S 359th Street and 16th Avenue S near Todd Beamer High School. Sidewalk gaps exist where there is a lack of a dedicated pedestrian facility on the side of a public street. Marked crosswalks are provided at most major intersections. Much of the residential population near the station areas is to the east of I-5 or more than 1 mile west of the station locations. The primary crossing location of I-5 for the residential population east of the Interstate is along Enchanted Parkway S just north of Milton Road/20th Avenue S. Between Enchanted Parkway S and S 360th Street, there are existing gaps in the sidewalk network on 20th Avenue S.

There are some on-street bicycle facilities within a 3-mile radius of the proposed station locations, including Enchanted Parkway (SR 161), S 352nd Street, and S 356th Street. The BPA Trail, which extends along the Bonneville Power Administration (BPA) transmission line right-of-way and connects Celebration Park and Madrona Park in Federal Way, is the only shared-use path near the proposed stations and is located northwest of the proposed stations.

3.1.6.2 Fife Station Area

Sidewalks are currently provided on many arterial streets within a 1-mile radius of proposed station locations in Fife. Existing gaps in the sidewalk network include 59th Avenue E, 15th Street E, and 54th Avenue E at the overcrossing of I-5. Marked crosswalks are provided at most major intersections. The Wapato Way E crossing of I-5 includes a shared-use path, while the crossings at 54th Avenue E and Porter Way both provide minimal pedestrian facilities. The majority of the residential population near the station area is located south of I-5.

There are some on-street bicycle facilities provided within a 3-mile radius of the proposed station locations, including 54th Avenue E south of I-5 and Pacific Highway E. The Interurban Trail can be accessed from the shared-use path along Wapato Way E and connects Fife to Milton and unincorporated King County. Near the intersection of SR 99/Wapato Way E there is a planned connection to the future spuyaləpabš Trail, a new regional trail that will pass through the Puyallup Tribe of Indians Reservation and connect the cities of Puyallup, Fife, and Tacoma.

3.1.6.3 Tacoma Station Areas

Sidewalks are currently provided along E Portland Avenue, Puyallup Avenue, and local streets to the south of I-5 near the proposed Portland Avenue Station locations. Many other streets directly adjacent to the Portland Avenue Station locations do not provide sidewalks, including E 25th Street, E 26th Street, E 27th Street, E 28th Street, and E Bay Street. In the area near the Tacoma Dome Station locations, sidewalks are provided along most streets, except for E 25th Street, E 26th Street, and the north side of Puyallup Avenue. Marked crosswalks are provided at some major intersections along E Portland Avenue and legal unmarked crosswalks exist at many others, including several intersections on Puyallup Avenue at East D Street, East F Street, and East G Street. However, curb ramps and pedestrian signals are provided at these locations. Most of the residential population is to the south of I-5. Currently, there are two undercrossings at E Portland Avenue and E Bay Street and overcrossings at East L Street and E McKinley Way. The undercrossings provide sidewalks but are also adjacent to high-volume roadways with a high percentage of large trucks. Sidewalks are provided along both East L Street and E McKinley Way.

Bicycle facilities are provided within a 3-mile radius of the proposed Portland Avenue and Tacoma Station locations at crossings over I-5 on S Yakima Avenue and Tacoma Avenue S/Delin Street along East L Street, East D Street, South G Street, S Yakima Avenue, S Alaska Street, S 15th Street, S 6th Avenue and N Tacoma Avenue/S Stadium Way. Bicycle boulevards, shared roadways with traffic calming and signed bicycle priority are also provided in the western part of the Tacoma Segment on S 37th Street, South G Street, East I Street, Fawcett Avenue and N Yakima Avenue.

Near the Portland Avenue and Tacoma Dome station locations, there are several trails that do not directly connect to the proposed stations, including the Prairie Line Trail, the Scott Pierson Trail, the Water Flume Line Trail, the Pipeline Trail, and the Thea Foss Waterway Public Esplanade. These trail connections are all beyond 0.25 mile from the proposed stations near the Tacoma Dome Station. The Prairie Line Trail is to the northwest, the Scott Pierson Trail is to the west and connects to Gig Harbor, the Pipeline Trail is located to the south, and the Thea Foss Waterway Public Esplanade is located to the north between S 15th Street and E Dock Street. There are paved and unpaved paths within Swan Creek Park, located to the southeast of the Portland Avenue Station.

3.1.7 Safety

Crash data records were obtained from WSDOT for the period of January 2016 to December 2018 for all four segments. This period was selected because it is consistent with 2019 observed traffic data and represents the most recent available data for the pre-COVID pandemic condition. This does not include crash data from 2020 and 2021, when traffic volumes on arterial roadways were lower, according to WSDOT data. Historical crash data were reviewed to identify whether any of the study area intersections have existing safety concerns that could be impacted by the proposed project. The crash data were evaluated at study intersections, along the I-5 mainline, and at I-5 ramps by severity, type, and frequency.

3.1.7.1 Intersection Crashes

Many crashes at the study intersections resulted in property damage only (approximately 60 percent in Federal Way, 70 percent in both South Federal Way and Fife, and 60 percent in Tacoma). Almost all remaining crashes resulted in a minor or possible injury.

While no fatal crashes occurred in the Federal Way Segment, one fatality occurred in the South Federal Way Segment, two fatality crashes occurred in Fife and two fatality crashes occurred in Tacoma.

There were no serious injury crashes in the Federal Way Segment, but each of the other segments had crashes resulting in serious injuries including four in South Federal Way, three in Fife, and ten in Tacoma. Of the noted fatality and serious injury crashes, all occurred at study area intersections.

The types of crashes along the TDLE corridor are summarized by segment in Table 3-7.

Table 3-7 2016-2018 Crashes by Type at Study Intersections

Segment	Crash Types									
	Rear-End	Angle	App. Turn	Side Swipe	Fixed Object	Ped	Cycle	Other	Head-On	Total
Federal Way	39 (38%)	24 (23%)	22 (21%)	12 (12%)	2 (2%)	3 (3%)	1 (1%)	0 (0%)	0 (0%)	103
South Federal Way	225 (47%)	83 (17%)	85 (18%)	69 (14%)	12 (2%)	7 (1%)	2 (<1%)	0 (0%)	1 (<1%)	484
Fife	179 (30%)	172 (30%)	129 (22%)	74 (13%)	10 (2%)	8 (1%)	3 (<1%)	9 (2%)	3 (<1%)	587
Tacoma Way	69 (17%)	167 (40%)	93 (22%)	39 (9%)	16 (4%)	19 (5%)	8 (2%)	2 (<1%)	2 (<1%)	415

Source: WSDOT 2019.

3.1.7.2 I-5 Ramp Crashes

On I-5 ramps through the study segments, there was a total of 344 crashes between 2016 and 2018. The majority of crashes in the study segments were property damage only, accounting for almost 75 percent of all crashes. There was one fatality crash in the study segments over the 3-year period, and it occurred on the Bay Street (SR 167) ramp to I-5 Southbound. There were five serious injury crashes along I-5 ramps in the study segments, with three occurring in the northbound direction and two occurring in the southbound direction. Of the six fatality and serious injury crashes, all but one occurred in dark conditions, and two noted alcohol as a contributing factor.

On the on/off-ramps to/from SR 18, I-5, I-705, SR 7, and SR 161 in the study area, the most common type of crash was fixed-object crashes, accounting for about 45 percent of all crashes on the ramps. Rear-end crashes made up the second-highest percentage of crash types, at almost 35 percent. It should be noted that while freeway ramps would normally experience greater volumes of rear-end crashes, most of these crashes were intersection-related and were included in the on/off-ramp intersection crash totals. No pedestrian or bicycle crashes were noted on the on/off-ramps.

3.1.7.3 Southbound I-5 Clear Zone Impact Analysis

A minimum clear zone is defined by geometric considerations, including whether a recoverable slope is present and whether the area is free of fixed objects so that an errant vehicle can recover. The clear zone is a function of posted speed limits, side slope, and traffic volumes. A roadside clear zone inventory for the I-5 mainline was completed for the western edge (southbound) of I-5 in two areas where the alternatives are adjacent to I-5: between S 324th Street and 70th Avenue E and from Frank Albert Road E to the Puyallup River. The inventory assessed:

- Whether the clear zone width is currently met.
- Whether the clear zone is affected by the existing barriers required for safety (e.g., guardrail, barrier, or walls).

Within the study area, 13,900 feet of existing clear zone (approximately 43 percent of the total length) is present along the I-5 southbound mainline roadside. The remaining 57 percent (18,360 feet) is currently shielded by guardrail, walls, or barrier.

3.1.8 Parking

Existing weekday public on-street and off-street parking supply and utilization information was collected in February 2020 for all roads within a 0.25-mile radius of each TDLE station area. Parking supply data was collected by type of parking (time-limited parking, free parking, loading zone, private) and location. Parking utilization counts were collected once during the weekday peak midmorning or midafternoon hours.

There are three park-and-ride locations within the TDLE project area, three in Federal Way and one in Tacoma. The park-and-ride located at the Federal Way Downtown Station is north of the TDLE study area at the terminus of the FWLE, had an estimated occupancy of 69 percent in 2019. The Federal Way/S 320th Street Park and Ride within the Federal Way Segment had an estimated utilization of 30 percent in 2019. The South Federal Way Park and Ride, located on S 348th Street west of Pacific Highway, is in the South Federal Way Segment and had an approximate parking utilization of 18 percent in 2019. At the Tacoma Dome Station, there are two existing parking garages with over 2,300 parking spaces that were 99 percent utilized in February 2020. This park-and-ride location can be accessed via vehicle from Puyallup Avenue and E 25th Street and is less than 0.25 mile from the proposed TDLE station platforms. Estimated occupancy for all park-and-rides was included in this analysis to represent the same pre-pandemic timeframe.

Station areas in south Federal Way and Fife have no public on-street or off-street parking within 0.25 mile of the proposed station locations. Commercial and retail businesses that include extensive on-site parking surround each of the proposed station locations in South Federal Way and Fife. These parking spaces were not included in the field survey because they are private parking. The proposed SF I-5 Station and Fife Station are within 0.5 mile of residential neighborhoods with on-street parking.

Most of the industrial businesses near the Portland Avenue Station in Tacoma provide on-site parking for customers. Public on-street parking spaces near the Portland Avenue Station are mostly in the residential neighborhood south of I-5, with some on-street public parking located on E 26th Street. Approximately 37 percent of the public on-street parking spaces within 0.25 mile of the Portland Avenue Station are occupied during the midday period.

The area near the Tacoma Dome Station has the most on-street public parking available of all the segments. For the 0.25-mile radius surrounding the proposed station locations, roughly 72 percent of on-street parking was occupied during the midday period. In addition to the park-and-ride lots at Tacoma Dome Station, there are six publicly available off-street parking lots, with a total of 1,011 parking spaces where vehicles may park for multiple hours at a time.

The utilization percentage of the off-street public parking lots was approximately 45 percent. In total, the area near the Tacoma Dome Station maintains an 81 percent parking utilization when considering all public on-street, off-street, and Tacoma Dome Station parking spaces within a 0.25 mile of the proposed station locations.

3.1.9 Navigation

The Puyallup River and Thea Foss Waterway are the main navigable waterways in the study area. Thea Foss Waterway is located near the Tacoma Dome Station and has all types of users, including recreational and commercial. The Puyallup River is located near the Portland Avenue Station area and is navigable to watercraft, including both recreational and commercial users, from the confluence with Commencement Bay to 3 miles upstream. The proposed light rail bridge crossing would occur at approximately mile 2.3, upstream of an existing railroad bridge that limits the size of watercraft that can navigate the Puyallup River. The U.S. Coast Guard has identified

this reach of the Puyallup River as “navigable in law, but not actually navigated other than by logs, log rafts, rowboats, canoes, and small motorboats” (U.S. Coast Guard 2018). The U.S. Coast Guard issued an advanced approval determination for the project on October 1, 2018. All other water bodies in the study area are not navigable.

The crossing of the Puyallup River is within the ancestral and reservation lands of the Puyallup Tribe of Indians and where the Puyallup Tribe has treaty-protected fishing rights to navigate and fish in and along the Puyallup River. The Puyallup River is a water of the U.S. and any work within the Puyallup River or that may otherwise affect fish in the study area would be conducted in accordance with the terms of the USACE Section 404/Section 10 permit, Hydraulic Project Approval (HPA), and other applicable permits and reviews, such as Tribal permits and ESA Section 7 consultation. Project activities would also be subject to Section 408 for actions that affect the Puyallup River levees that are under the jurisdiction of the USACE.

3.2 Regional Transportation

This section describes traffic forecasts, VMT, VHT, screenline performance, and transit trips for the No-Build Alternative and build alternatives in the year 2042. Short-term construction impacts are also discussed.

3.2.1 Environmental Impacts to Regional Transportation

3.2.1.1 Long-Term Impacts

No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The No-Build Alternative would not have access or circulation impacts on I-5 or Pacific Highway/SR 99 because the number of and configuration of freeway lanes, interchange access points, and freeway shoulders would be maintained. No reduction in the overall regional VMT would occur with the No-Build Alternative.

All Build Alternatives

None of the TDLE build alternatives would have access or circulation impacts on I-5 because the number of and configuration of freeway lanes, interchange access points, and freeway shoulders would be maintained.

Potential Benefits

All of the TDLE build alternatives would reduce overall regional VMT by approximately 228,000 miles per day and VHT by approximately 15,000 hours per day compared to the No-Build Alternative. Screenline vehicle volumes and v/c ratios would be reduced with any of the build alternatives. Forecast VMT and VHT based on the PSRC travel demand model are discussed in greater detail in Appendix J1. While vehicle trips are expected to decrease, person trips (trips made by one person in any travel mode) would increase from additional transit ridership with any of the build alternatives through the TDLE corridor. In the entire region, transit trips are expected to increase by 13,000, and daily Link transit trips are expected to increase by 26,000 compared to the No-Build Alternative as discussed in Section 3.3.

3.2.1.2 Construction Impacts

Construction on the TDLE corridor adjacent to I-5 would have few impacts to highway operations on the I-5 mainline or shoulders. Project-related modifications to the BPA high-tension power lines adjacent to S 324th Street may require nighttime closures or rolling slowdowns on I-5.

The SF 99-West and SF 99-East alternatives extend along Pacific Highway for approximately 2 miles and would require temporary roadway or individual lane closures during construction. The SF 99-East Alternative includes a section of alignment in the median of Pacific Highway that may require more extensive nighttime and weekend closures and daytime lane reductions. The SF 99-East Alternative would cross over Pacific Highway northbound into the roadway median south of S 373rd Street and cross over the northbound travel lanes again south of Birch Street. The SF 99-West Alternative would cross Pacific Highway north of S 356th Street and north of Birch Street. All South Federal Way Segment build alternatives would cross Pacific Highway near the intersection of 70th Avenue E, requiring temporary roadway closures.

Construction of the alignment connecting to the Fife Segment would cross portions of the WSDOT SR 167 Completion Project (Stages 1a and 1b) connecting I-5 and SR 509, requiring temporary roadway closures. The Fife Pacific Highway Alternative and Fife Median Alternative continue along Pacific Highway E for approximately 1 mile and would require partial daytime closures and full night and weekend closures in this area.

In Tacoma, west of the Puyallup River, the on-ramp to southbound I-5 from E Bay Street may experience varying degrees of impact, from temporary overnight closures to full closure and temporary realignment to avoid conflict with construction of TDLE guideway columns.

3.2.1.3 Avoidance and Minimization Measures for Construction Impacts

During TDLE construction, Sound Transit would work with WSDOT, the Port of Tacoma, and the local jurisdictions to develop a detailed construction plan. This plan would coordinate construction activities, such as incident management, construction staging, traffic control, and closure details, where the light rail construction might affect either regional or local roadways. Sound Transit would also coordinate with WSDOT and local jurisdictions to disseminate construction closure information to the public as needed.

3.2.2 Potential Mitigation Measures

No long-term transportation impacts were identified for regional transportation facilities with the No-Build or build alternatives for TDLE; therefore, no mitigation on regional transportation facilities is anticipated. Construction mitigation measures, including traffic control, closure details, safety and construction barriers, and signage, will be included in a detailed construction plan to be coordinated with WSDOT.

3.3 Transit Operations

This section describes potential changes to transit service and facilities, ridership and travel times, and transit L.O.S. for the No-Build Alternative and build alternatives. It also discusses total transit and light rail ridership, transit travel times, transfers, and station mode of access for build alternatives. Transit L.O.S. and operations with the build alternatives are summarized, including service frequency, hours of service, passenger load, and reliability. This section also qualitatively discusses temporary construction impacts to transit facilities and service.

3.3.1 Environmental Impacts to Transit Operations

No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The No-Build Alternative includes a variety of changes to both transit operations and facility improvements that are funded for construction by 2042. FWLE will develop new light rail stations at Kent/Des Moines, S 272nd Street, and the Federal Way transit center, which will be called the Federal Way Downtown Station. The No-Build Alternative also includes construction of new light rail OMFs, as well as other facilities, transit bus routes, and service modifications proposed within each of the local transit agency's long-range plans.

All Build Alternatives

For TDLE build alternatives, there would be the same systemwide transit improvements as the No-Build Alternative, plus the extension of light rail to the Tacoma Dome Station. As described in Chapter 2, Alternatives Considered, the project would include four new light rail stations, two with new or expanded park-and-ride capacity, and improved transit connectivity through the construction of multimodal transit hubs. TDLE would operate 20 hours per day Monday through Saturday and 18 hours on Sunday. Headways are planned to be every 6 minutes during the AM and PM peaks, every 10 minutes midday and in the evenings, and every 12 to 15 minutes in the early morning and late evening. Transit agencies have identified preliminary, conceptual bus transit service assumptions that could be implemented to integrate buses and light rail services in the study area. Appendix J1, Transportation Technical Report, includes figures that display these conceptual networks. All the TDLE station locations near the Tacoma Dome would include increased bus transit service that would require bus transit facilities to accommodate the service. These are described in Table 5-7 in Appendix J1.

3.3.1.1 Long-Term Impacts

The analysis in this section describes potential long-term impacts to transit operations and benefits for all TDLE alternatives.

Potential Benefits

With 11,000 to 16,000 new transit trips along the project, all TDLE build alternatives would shift up to 30,000 people per day from driving and vehicular travel to using light rail, reducing VMT in the region by up to 228,200 miles. TDLE build alternatives would provide reliable high-capacity transit to the South Federal Way, Fife, Portland Avenue, and Tacoma Dome station areas. Each station would accommodate bus transit connections for local transit, allowing for restructured service that better serves people and employment centers and for light rail that serves more regional and long-distance transit trips throughout the transit network. As part of the TDLE project, each of the four stations would also include nonmotorized improvements along the corridor and connections to Link light rail. Additionally, other agencies would provide bus service at stations.

Ridership

The ridership forecasts presented in this section do not directly forecast transit ridership during large events, such as those at the Tacoma Dome, special Sounder service to sporting events, or the Washington State Fair. While it is expected that additional ridership would be experienced on the light rail system during days with events at these facilities, it is not included in the forecasts. These events are intermittent and occur during various times of the day, with the highest surge

often occurring outside of peak travel times. These events would occur without light rail expansion, and TDLE would provide additional high-capacity transit service to support this demand and facilitate access by efficiently moving attendees and staff to and from events.

Table 3-8 shows the 2042 daily transit ridership for the No-Build and build alternatives in the TDLE corridor as well as the expected daily ridership and change in the number of new transit riders with the build alternatives. Region-wide daily transit trips and boardings reflect trips on buses, Sounder commuter rail, light rail, and streetcars throughout the Sound Transit service area, including transit services operated by county and local bus agencies.

Table 3-8 2042 TDLE Weekday Daily Transit Trips and TDLE Riders

Measure	No-Build Alternative	Build Alternatives
Total Daily Transit Trips Region Wide[1]	753,000	766,000
Total Daily Transit Boardings Region Wide[2]	1,152,000	1,169,000
Total Daily Link Boardings Region Wide[2]	500,000	526,000
Total TDLE Riders[3]	N/A	24,000-36,000
2042 New Transit Trips	N/A	11,000-16,000

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020.

Notes:

(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, all Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar.

(2) Boardings count each time a passenger boards a transit vehicle; passengers who transfer between transit lines in a single trip count as multiple transit boardings. Transit boardings include all boardings on bus, Sounder, all Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar. Regional Link Boardings include boardings on Central and T Line services only.

(3) Total daily trips (ridership) account for riders on TDLE, regardless of where they would board the train.

The TDLE build alternatives would generate 24,000 to 36,000 daily riders whose trips include using some or all of the TDLE system, 11,000 to 16,000 of whom would be new transit riders. With the TDLE build alternatives, the number of daily transit boardings in the Sound Transit service area is expected to increase by up to 1.5 percent.

Average 2042 weekday and PM peak period station boardings for the build alternatives are shown in Table 3-9. These are boardings only at each TDLE station, while the total trips shown in Table 3-9 include all trips to or from any TDLE station.

Table 3-9 TDLE Boardings by Station (2042)

	PM Peak (3:00 – 6:30 PM)			Average Weekday		
Station	NB	SB	Total	NB	SB	Total
South Federal Way	50	120	170	1,400	400	1,800
Fife	360	340	700	1,700	900	2,600
Portland Avenue	120	N/A	120	1,200	>0	1,200
Tacoma Dome	1,090	N/A	1,090	10,800	N/A	10,800
Total	**1,620**	**460**	**2,080**	**15,100**	**1,300**	**16,400**

Source: Ridership & Traffic Forecasts Technical Memo, Fehr & Peers April 2020.

Station Mode of Access

Light rail stations are typically accessed by automobile (including park-and-ride trips, as well as passenger pickup/drop-off), transit, walking, or bicycling. Table 3-10 summarizes the projected mode of access for riders who exit the train at TDLE stations during the 3.5-hour PM peak period. The stations in South Federal Way and Fife are forecast to have park-and-ride as the primary mode of access. With no planned parking and limited bus service, pickup is forecast to be the highest mode of access at the Portland Avenue Station. Transit transfers represent the highest mode of access at the Tacoma Dome Station, including transfers to/from T Line, bus, and Sounder.

Planned park-and-ride spaces at the stations in South Federal Way and Fife may be deferred for up to 3 years from the anticipated start of light rail service in 2035. If no parking spaces were provided at the stations in South Federal Way and Fife, total daily boardings at these stations would decrease; they would have up to 300 fewer average weekday boardings each. The Tacoma Dome Station would have an increase of 100 weekday boardings, and it is anticipated that daily boardings would also increase by up to 100 at the Federal Way Downtown Station. Most of the changes in boardings would be experienced during the AM peak period.

Table 3-10 PM Peak Period Mode of Access at TDLE Stations (2042) – Passengers Exiting the Train

Station	Park-and-Ride[1]	Pickup	Walk/Bike	Transit Transfer	Total Passengers Exiting the Train
South Federal Way	520 (48%)	270 (25%)	140 (13%)	160 (14%)	1,090
Fife	500 (51%)	100 (10%)	20 (2%)	360 (37%)	980
Portland Avenue	0	440 (65%)	220 (32%)	20 (3%)	680
Tacoma Dome[2]	1,350 (22%)	980 (15%)	780 (13%)	3,000 (49%)	6,110
Total	**2,370 (27%)**	**1,790 (20%)**	**1,160 (13%)**	**3,540 (40%)**	**8,860**

Source: Ridership & Traffic Forecasts Technical Memo, Fehr & Peers April 2020.
Notes:
(1) Consistent with the Sound Transit 3 Plan, the mode of access shares assumes two 500-stall parking facilities: one in South Federal Way and located in Fife.
(2) Forecasts for transit often show that demand for parking typically exceeds supply. It is assumed that the spaces at Tacoma Dome Station would be fully utilized, much as they are today. Sounder, T Line, and bus riders would continue to use parking facilities at Tacoma Dome Station. TDLE is expected to induce additional demand for parking; however, it is anticipated that additional parking demand would be partially offset due to:
- Some Sounder, T Line, and bus riders who currently park at Tacoma Dome Station or would do so under the No-Build Alternative, would use TDLE instead. This would reflect a net change of zero in parking demand.
- Transfers to and from other transit modes (Sounder, T Line, and bus riders) are expected to represent a high percentage of mode of access to TDLE during the PM peak period. These riders would not create additional parking demand.
- For the purposes of evaluating mode of access as well as traffic, it was assumed that 55 percent of the existing 2,450 stalls at the Tacoma Dome Station parking facility would be used by TDLE riders. Nearby off-street parking lots also have additional capacity. See Section 3.8 for further discussion of parking.

Table 3-11 summarizes the projected mode of access for riders who board at TDLE stations during the 3.5-hour PM peak period. Access for boardings via park-and-ride would be less than for passengers exiting the train. Most riders would access the station in South Federal Way via walking or biking. Access to the station in Fife is forecast to be similar for pedestrians, cyclists, and transit. The highest mode of access at the Portland Avenue and Tacoma Dome stations would be the same for boardings as passengers exiting the train.

Table 3-11 PM Peak Period Mode of Access at TDLE Stations (2042) – Boardings

Station	Park-and-Ride[1]	Drop-Off	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	30 (18%)	40 (23%)	80 (47%)	20 (12%)	170
Fife	110 (16%)	70 (10%)	260 (37%)	260 (37%)	700
Portland Avenue	0 (0%)	80 (67%)	40 (33%)	0 (0%)	120
Tacoma Dome[2]	160 (15%)	160 (15%)	260 (24%)	510 (47%)	1,090
Total	**320 (15%)**	**350 (17%)**	**620 (30%)**	**790 (38%)**	**2,080**

Source: Ridership & Traffic Forecasts Technical Memo, Fehr & Peers April 2020.

Notes:

(1) Consistent with the Sound Transit 3 Plan, the mode of access shares shown above assume 500-stall parking facilities in South Federal Way and Fife.

(2) Forecasts for transit often show that demand for parking typically exceeds supply. It is assumed that the spaces at Tacoma Dome Station would be fully utilized, much as they are today. Sounder, T Line, and bus riders would continue to use parking facilities at Tacoma Dome Station. TDLE is expected to induce additional demand for parking, however, it is anticipated that additional parking demand would be partially offset due to:

- Some Sounder, T Line, and bus riders who currently park at Tacoma Dome Station or would do so under the No-Build Alternative, would use TDLE instead. This would reflect a net change of zero in parking demand.
- Transfers to and from other transit modes (Sounder, T Line, and bus riders) are expected to represent a high percentage of mode of access to TDLE during the PM peak period. These riders would not create additional parking demand.
- For the purposes of evaluating mode of access as well as traffic, it was assumed that 55 percent of the existing 2,450 stalls at the Tacoma Dome Station parking facility would be used by TDLE riders. Nearby off-street parking lots also have additional capacity. See Section 3.8 for further discussion of parking.

Mode of access at stations in South Federal Way and Fife would be different if parking were not provided when service starts in 2035. Under this scenario, pickup/drop-off, walk/bike, and transit transfers would increase (total AM peak boardings would decrease as described earlier).

Transit L.O.S. Measures

Transit L.O.S. was analyzed for service frequency, hours of service, passenger loads, and reliability to describe transit performance in the No-Build and build alternatives for the year 2042.

Service Frequency

The 2042 No-Build service frequency would be similar to existing conditions because service levels would not notably change between the study area and regional destinations. In connection with FWLE, regional service from the study area would be refocused to connect to the regional light rail system at the Federal Way Downtown Station.

With the build alternatives, TDLE PM peak headways would be every 6 minutes, improving service frequency to L.O.S. A for connections between Tacoma, Fife, South Federal Way, and many of the Puget Sound regional destinations. TDLE would still require a transfer to regional destinations north and east of downtown Seattle (Bellevue/Redmond, University of Washington, North Seattle/Lynnwood); however, the frequency of the rail service and the ease of transfer between light rail lines would offset the transfer time.

Hours of Service

The 2042 No-Build transit hours of service are assumed to remain the same as existing transit operations. With the No-Build Alternative, the hours of service between most study areas and regional destinations remain poor. The exception is service between Tacoma and downtown Seattle, which would be L.O.S. A or B.

With the build alternatives, TDLE would operate 20 hours per day Monday through Saturday and 18 hours on Sunday, resulting in L.O.S. A for hours of service.

Passenger Load

Under the No-Build Alternative, direct bus service connecting to some regional destinations would no longer be provided because riders would transfer at the Federal Way Downtown Station and travel to and from areas north of Federal Way by light rail. In the PM peak period with the No-Build Alternative, planned changes to the bus network in the area is expected to improve transit passenger load for buses to L.O.S. A in both directions of travel. Increased bus service is planned in the study area, providing additional capacity for riders. Expanded Sounder service is also expected to draw some riders from buses, also contributing to lower passenger loads. Increased demand would contribute to a decline in the average passenger load L.O.S. on Sounder at several screenlines in both directions from L.O.S. A to B or C. Although capacity would increase with the provision of longer train sets (an increase from seven-car trains to 10-car trains), ridership is also forecast to increase across several screenlines. While average passenger loads are forecast to remain below the Sounder seating capacity, some trips would experience fuller trains where passengers have less seating choice.

With the build alternatives, the passenger load L.O.S. for light rail would be L.O.S. A across the four screenlines served by light rail. Light rail trains would provide additional capacity to accommodate forecast transit demand. Passenger load L.O.S. for buses would improve to L.O.S. A for all segments in both directions as riders switch from buses to light rail. Average loads would improve across all screenlines as passengers use light rail for regional travel and bus service to access light rail stations. Sounder passenger load L.O.S. would remain at L.O.S. A or B across all screenlines.

Reliability and On-Time Performance

The future reliability of bus service with the No-Build Alternative is expected to degrade compared with 2019 transit service. Current Sound Transit Express bus service already operates at L.O.S. D or E for service frequency between regional destinations. By 2042, speeds on key roadways, such as I-5, I-5 HOV lanes, and major arterial streets, are expected to decrease during the PM peak period. Poor bus reliability causes passengers to be less confident about arriving at the scheduled time. As a result, passengers might need to take an earlier trip to ensure getting to their destinations on time or they may shift to another mode of travel.

The TDLE build alternatives would provide more reliable transit service because service would operate in an exclusive right-of-way with no at-grade crossings in the study area. Light rail reliability in the TDLE corridor could be affected by unexpected delays at station areas or by system delays outside of the TDLE corridor, where light rail would be operating at grade with traffic. TDLE service would operate at L.O.S. A for transit frequency and transit hours of service.

Transit Transfers

Several hubs in the Sound Transit region, including the Tacoma Dome Station, are considered "multi-centered" route hubs where bus routes converge so transfers can be made to multiple destinations at one location. The transit transfer rate is calculated by dividing the total number of regional transit boardings by the total number of regional transit trips. The transfer rate shows how many transit trips include more than one transit boarding, such as a trip that begins on a bus and transfers to light rail. Many regional trips on light rail would require a transfer in downtown Seattle; however, the frequency of light rail service and the ease of transfer between lines will minimize this inconvenience.

At Tacoma Dome Station, approximately 45 percent of TDLE riders are expected to transfer to another transit service due to the high L.O.S. provided at this transit hub. Of those transit transfers forecast at Tacoma Dome Station during the PM peak period, the following shares of transit service types are expected: 47 percent T Line, 43 percent bus, and 10 percent Sounder.

Minimum Operable Segments and Interim Terminus

TDLE could be constructed and operated in phases, depending on available funding or other factors. The station in South Federal Way or the station in Fife could serve as a minimum operable segment (M.O.S.) or an interim terminus. Since the end-of-line M.O.S. stations are the same as the interim terminuses, the term interim terminus is used to refer to both. Under these scenarios, transit service assumptions differ from the full build alternatives.

With an interim terminus at the station in South Federal Way, several of the Pierce Transit routes and the Sound Transit Regional Express Route 596, which would serve the station in Fife in the build alternatives, would be routed to the transit center at Tacoma Dome Station instead. Sound Transit Regional Express Routes 574 and 590 would be extended and truncated, respectively, to serve the South Federal Way station area. With an interim terminus at the station in Fife, Pierce Transit bus service would be the same as the build alternatives and two Sound Transit routes would be truncated at the station area in Fife.

The assumed changes to bus service with either interim terminus could require changes to the station design to accommodate the greater bus volumes compared with the build alternatives. With an interim terminus at the station in South Federal Way, both the proposed station in South Federal Way and the existing Tacoma Dome Station would need to accommodate additional bus volumes since the station in Fife would not yet be constructed. With an interim terminus at the station in Fife, that station would need to accommodate additional Sound Transit buses. The number of bus bays and layover zones included in the station designs may be sufficient to accommodate increased service levels as part of interim terminus conditions; however, depending on transit service level changes, the station designs may need to include additional bays and/or layover spaces as appropriate.

Ridership

Table 3-12 summarizes forecast ridership associated with an interim terminus at either the station in South Federal Way or Fife. The interim terminus at the station in South Federal Way would result in a comparable number of transit trips and TDLE riders as the No-Build Alternative. It would have fewer transit trips and TDLE riders compared to the build alternatives. The expected daily boardings with an interim terminus at the station in South Federal Way is approximately 2,700, and approximately 4,700 with an interim terminus at the station in Fife.

Table 3-12 2042 South Federal Way and Fife Interim Terminus Weekday Ridership and TDLE Riders

Measure	No-Build Alternative	Build Alternatives	South Federal Way Interim Terminus	Fife Interim Terminus
Total Regional Daily Transit Trips[1]	753,000	766,000	751,000	757,000
Total TDLE Trips	N/A	24,000-36,000	5,000	8,700

Source: Ridership & Traffic Forecast Technical Memorandum, Fehr & Peers April 2020.

Notes:

(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, all Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar.

(2) Boardings count each time a passenger boards a transit vehicle; passengers who transfer between transit lines in a single trip count as multiple transit boardings. Transit boardings include all boardings on bus, Sounder, all Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar. Regional Link Boardings include boardings on Central and T Line services only.

Mode of Access

With an interim terminus at the station in South Federal Way, most riders would access the station by transit during the PM peak hour. More bus routes would feed the station, which would reduce the number of riders being picked up by someone else. The number of park-and-ride users would remain constant because the size of the parking facility would not change, resulting in high use for passengers exiting the train but low use for passengers boarding the train in the PM Peak because parking spaces are expected to be mostly full, with vehicles parked during the AM peak period. Therefore, more riders boarding the train would access the station via walking or biking compared to riders exiting the train in the PM peak period.

Similar to the South Federal Way interim terminus, the number of park-and-ride users at the interim terminus station in Fife would remain constant, with more riders exiting the train in the PM peak period using the park-and-ride compared to riders boarding the train in the PM peak period. Transit transfer activity would increase, commensurate with assumed increases in bus feeder service to the station in Fife as an interim terminus and more riders boarding the train in the PM peak period would access the station by walking or biking in the PM peak period.

Transit Transfers

The transit transfer rate with an interim terminus at either the station in South Federal Way or Fife would be the same as the No-Build Alternative. Transfers between feeder bus service and light rail would be required for both termini, as would light rail to light rail transfers to travel to regional destinations.

3.3.1.2 Construction Impacts

All build alternatives would involve lane closures, bus stop relocations, partial or full temporary closures of park-and-ride facilities, and sidewalk impacts that could affect transit operations within the study area during construction. Other impacts could include lane closures during guideway and column construction, transit delays to bus and rail service, and increased travel times.

During the guideway construction on the west shore of the Puyallup River and when the guideway crosses Sounder/Amtrak tracks in Tacoma, the Sounder/Amtrak tracks located below I-5 may experience temporary closures resulting in train schedule impacts during adjacent guideway foundation construction.

The existing T Line system would be impacted during construction. The current system includes a single in-street track on E 25th Street, terminating in the OMF at E 25th Street and East G Street. If either the Preferred Tacoma 25th Street-West Alternative or Tacoma 25th Street-East Alternative is selected to be built, the required column and guideway construction, along with utility relocations, may require temporary relocation or closure of the T Line terminus station on the north side of E 25th Street across from Freighthouse Square. Temporary relocation of the track connection to the OMF or a modified vehicle service schedule that minimizes construction stoppage duration and allows intermittent ingress/egress to the OMF may also be required. These temporary relocations, closures, or near East D Street schedule adjustments would take place for approximately 1 to 3 years. During that time T Line riders would board and deboard at South 25th Street Station near A Street, approximately 0.25 miles west of the existing Tacoma Dome Station.

If the Tacoma Close to Sounder Alternative is selected to be built, it is probable that the Amtrak and Sounder stations, located in Freighthouse Square, would need to be demolished and reconstructed. This would require that the stations be temporarily relocated during construction to the west end of Freighthouse Square. During this time, Amtrak and Sounder riders would board and deboard approximately 350 feet west of the current station locations.

3.3.1.3 Avoidance and Minimization Measures for Construction Impacts

During construction, transit service modifications would be coordinated with King County Metro, Pierce Transit, Sound Transit, and private transportation services such as Greyhound and FlixBus, to minimize construction impacts and disruptions to bus facilities and service. This includes developing modified service plans to accommodate stop closures during construction. During construction within street rights-of-way, buses would either continue service on the street or be rerouted to nearby roadways, where appropriate, to maintain transit service. Bus stops would be maintained in their existing locations where possible but may need to be temporarily relocated in construction areas. Access between the surrounding land uses and bus stops would be maintained to the extent feasible. Other measures could include posting informative signage before construction at existing transit stops that would be affected by construction activities.

To minimize impacts to T Line riders during construction, information of any changes to T Line operations would be provided, including alternate bus service.

3.3.2 Potential Mitigation Measures

Mitigation for transit service and operations with TDLE would not be required because the light rail extension would improve the regional transit system. The expanded light rail network with TDLE would have a beneficial impact on transit service, including reduced transit travel times and improved transit reliability to regional destinations.

3.4 Arterial and Local Streets

This section describes the effects of the No-Build and build alternatives on arterial and local streets in the study area, including 2042 traffic volume forecasts; expected traffic generated at stations; intersection operations; and changes in access, circulation, and traffic control.

3.4.1 Environmental Impacts to Arterial and Local Streets

3.4.1.1 Long-Term Impacts

Traffic Forecasts

Future year 2042 peak period traffic volume forecasts were developed for TDLE based on the PSRC 2014 population and employment forecasts for the region updated for 2019. The regional forecasts predict an average annual growth rate of 0.5 percent in the AM and PM peak hours for South Federal Way and Tacoma. The annual growth rate of 0.5 percent per year is typical in areas with a regionally congested transportation network that anticipates infill development and redevelopment. Instead of using the growth rate from the PSRC model in Fife, the team applied growth forecasts of 0.3 percent per year from WSDOT and the City of Fife. The WSDOT forecasts included major infrastructure projects, such as the SR 167 Completion Project and I-5/54th Avenue Interchange as well as other smaller interchange and roadway improvements. The year 2042 forecast adjustment from the City of Fife assumed a high growth scenario for future development as part of the Fife City Center.

No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).These reasonably foreseeable projects and transit service changes were incorporated into the transportation analysis for the 2042 No-Build and build alternatives and include both regionally noteworthy projects (e.g., Central Link Extensions and SR 167 Completion Projects) and specific local transportation improvement projects. All regional and local transportation projects were included in the Regional Transportation section of Appendix J1, Transportation Technical Report (summarized in Table 5-1).

Build Alternatives

For the build alternatives, the forecast vehicular trip generation was calculated at each station based on information from Sound Transit's Incremental Ridership Model and station characteristics. New park-and-ride lots would be provided at the stations in South Federal Way and Fife, with 500 park-and-ride spaces proposed at each station. The Tacoma Dome Station already has 2,337 park-and-ride spaces, and no new spaces are planned. The Portland Avenue Station would not include park-and-ride spaces.

For stations that include a park-and-ride, the following conservative assumptions were made:

- Park-and-ride lots at stations would be completely filled within the 3.5-hour peak period.
- Approximately 35.5 percent of the 3.5-hour peak period trips would occur during the peak hour.
- Highest peak hour trip generation at the station would coincide with the surrounding roadway network peak hour.

All stations would generate vehicular traffic but stations with park-and-rides would generate more traffic within the station area. The total trip generation is composed of three different vehicle trip types: park-and-ride vehicle trips, passenger pickup/drop-off trips, and bus service. Trip distribution patterns for the proposed station trips were developed using the regional travel demand models based on current and future forecast travel patterns. Bus route trips were estimated based on preliminary bus service assumptions provided by Metro, Pierce Transit, and Sound Transit. The

park-and-ride and pickup/drop-off trips are new vehicle trips that were assigned to each TDLE station. Vehicle trips summarized in the pickup/drop-off category would generate two vehicle trips at each station during each peak hour: one trip entering and one trip exiting. The change in vehicle trips that would occur from TDLE were then added to No-Build Alternative traffic volume forecasts to develop an estimate of future traffic volumes with the build alternatives.

Minimum Operation Segments and Interim Terminus

If TDLE is constructed in phases or M.O.S.s, the station in South Federal Way or Fife would be the interim terminus of the project. Regardless of which station were the terminus, the total peak hour auto volumes and trip distribution would be similar to the stations in South Federal Way and Fife in the full build alternatives because the number of parking spaces and pickup and drop-off trip generation would be similar. The peak hour auto volumes at the Tacoma Dome Station would be the same as the No-Build Alternative with either interim terminus since no additional transit service or parking would be provided at the existing station location with either interim terminus. Therefore, no additional forecast volumes need to be developed for the interim terminus in South Federal Way or Fife.

Traffic Circulation, Property Access, and Traffic Control

There would be some changes to traffic circulation, property access, and traffic control near stations; additional access points to the stations would be provided for pickup/drop-off, transit, and parking for stations with parking facilities.

Impacts Common to All Build Alternatives in the Federal Way Segment

There would be some changes to property access and local circulation for the Preferred FW Enchanted Parkway Alternative and FW Design Option for emergency access to the guideway, with new connections that would not be open to general-purpose traffic. There would otherwise be limited impacts to traffic circulation, property access, and traffic control.

Impacts That Differentiate the Build Alternatives in the South Federal Way Segment

The SF 99-West and SF 99-East alternatives would change traffic circulation on Pacific Highway between S 356th Street in Federal Way and 70th Avenue E in Milton. The SF 99-West Alternative would require driveway reconstruction and changes to property access from the roadway along the west side of Pacific Highway. The SF 99-East Alternative would require driveway reconstruction and changes to access on the east side of Pacific Highway from S 356th Street and S 373rd Street. Between S 373rd Street and 70th Avenue E, the SF 99-East Alternative would be in the median of the roadway and would require changes to property access on both sides of Pacific Highway. There would also be left-turn restrictions to local businesses and residences and at intersections through this section of the alignment.

There would be few changes to property access and local circulation outside of station areas for the SF I-5 and SF Enchanted Parkway alternatives. In some locations, emergency access to the guideway would be provided by extending existing cul-de-sac or dead ends of streets to the guideway. However, these streets would not be open to general-purpose traffic.

Impacts That Differentiate the Build Alternatives in the Fife Segment

The Fife Median Alternative would change traffic circulation on Pacific Highway E between 51st Avenue E and Port of Tacoma Road. It would include a median along Pacific Highway E where the guideway support columns would be located. Columns would be approximately every 130 feet

but could be spaced closer together or farther apart, as needed. This would result in midblock left-turn restrictions on Pacific Highway E from the two-way left-turn lane between 44th Avenue E and Port of Tacoma Road. U-turn opportunities would be provided at intersections. Several intersections along this segment of Pacific Highway E would also be widened to accommodate columns at:

- Willow Road E.
- 46th Avenue E.
- Alexander Avenue E.
- Fife Municipal Court Access Road.
- 34th Avenue E, which will be constructed as part of the I-5/Port of Tacoma Road Interchange improvements.

The same lane configurations that exist under the No-Build Alternative would be provided at each of the widened intersections, so there would be no changes to traffic circulation or operations at these intersections.

The Fife 54th Avenue and Fife 54th Span design options include access from 52nd Avenue E, which would be extended to connect with 12th Street E at a new intersection (Fife Intersection #11). This intersection would operate below standard in the PM Peak hour, as shown In Table 3-13.

Impacts That Differentiate the Build Alternatives in the Tacoma Segment

For all Tacoma Segment build alternatives, active bus stops would be provided near each of the stations. There are six options for bus stop configurations in Tacoma Dome that could be included with any of the build alternatives. All bus transit options would have minimal to no impacts on traffic circulation, except for the 25th Street Two-Way Transit-Only Option. This would result in E 25th Street between East D Street and East G Street becoming a two-way transit-only street. No adverse impacts to traffic circulation would occur because 25th Street E is a low-volume street and would be closed to general-purpose traffic for only one block, although localized impacts to the Amtrak and Sounder stations and Freighthouse Square could occur. Vehicles would use East D Street, East G Street, Puyallup Avenue, and 26th Street E to circulate around the traffic restriction on 25th Street E.

Traffic Operations

The No-Build conditions assume substantial infrastructure changes planned as part of the WSDOT SR 167 Completion Project, I-5/Port of Tacoma Road, and I-5/54th Avenue interchanges. In addition, the No-Build conditions assume new development near the proposed station area in Fife that the city is planning as part of its Fife City Center plan.

Of the 86 study intersections analyzed for TDLE, 23 intersections would not meet the applicable jurisdictional L.O.S. standard in the No-Build Alternative in either the AM or PM peak hour, as shown in Figures 3-3 through 3-10. These intersections are listed in Table 3-13 together with intersections performing below standard for the build alternatives.

Most of the intersections analyzed for the build alternatives would operate similar to the No-Build Alternative. Some exceptions would occur in the build alternatives near the proposed stations in Fife, Portland Avenue, and the area near the Tacoma Dome Station.

Table 3-13 Intersections Operating Below Applicable Agency Standards in the No-Build and Build Alternatives

Intersection	Applicable Standard	AM Peak No-Build L.O.S. or V/C	AM Peak Build L.O.S. or V/C	% Increase in AM Delay	PM Peak No-Build L.O.S. or V/C	PM Peak Build L.O.S. or V/C	% Increase in PM Delay
SR 99/Porter Way (South Federal Way Intersection #15)	WSDOT HSS (L.O.S. D)	E	F	10%	D	E	16%
Port of Tacoma Road/Pacific Highway (Fife Intersection #3)	WSDOT HSS (L.O.S. D)	B	B	6%	F	F	0%
34th Avenue E/Pacific Highway (Fife Intersection #4)	WSDOT HSS (L.O.S. D)	A	A	0%	F	F	3%
Alexander Avenue E/SR 509 WB (Fife Intersection #5)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	F	F	0%	F	F	0%
Alexander Avenue E/12th Street E (Fife Intersection #7)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	F	F	0%	F	F	0%
52nd Avenue E and 12th Street E (Fife Intersection #11)	City of Fife (L.O.S. D)	N/A[1]	A	N/A[1]	N/A[1]	E	N/A[1]
54th Avenue E/12th Street E (Fife Intersection #12)	City of Fife (L.O.S. D)	B	B	7% – 27%	***E***	***F***	***95% – 158%***
54th Avenue E/SR 99 (Fife Intersection #13)	WSDOT HSS (L.O.S. D)	D	D	6% – 15%	***F***	***F***	***4% – 37%[2]***
54th Avenue E at I-5 Southbound Ramps (Fife Intersection #14)	WSDOT HSS (L.O.S. D)	***C***	***E***	***137%***	C	C	0%
54th Avenue E/I-5 Northbound Ramps (Fife Intersection #15)	WSDOT HSS (L.O.S. D)	E	E	8%	F	F	1%
54th Avenue E/20th Street E (Fife Intersection #16)	City of Fife (L.O.S. D)	F	F	2%	D	D	4%
59th Avenue Ct E at SR 99 (Fife Intersection #21)	WSDOT HSS (L.O.S. D)	C	C	0% – 8%	*C*	***D – E***	***33% – 100%[2]***
59th Avenue Court E at 12th Street E (Fife Intersection #22)	WSDOT HSS (L.O.S. D)	A	A – D	0% – 450%	***B***	***C – F[2]***	***64% – 482%[3]***
62nd Avenue E/12th Street E (Intersection #23)	City of Fife (L.O.S. D)	D	D	0%	*F*	***F***	***37% – 85%***
62nd Avenue E/SR 99 (Fife Intersection #24)	WSDOT HSS (L.O.S. D)	E	E – F[4]	0% – 248%	E	F	300% – 414%
70th Avenue E/20th Street E (Fife Intersection #26)	City of Fife (L.O.S. D)	F	F	7%	***D***	***E***	***13%***
I-705 Off-Ramp/E 26th Street (Tacoma Intersection #9)	WSDOT HSS (L.O.S. D)	F	F	6%	***F***	***F***	***117% – 239%***
East C Street/Tacoma Dome Parking Lot Driveway (Tacoma Intersection #11)[4]	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***F***	***E – F***	***0% – 15%[5]***	D	D	4% – 26%

Table 3-13 Intersections Operating Below Applicable Agency Standards in the No-Build and Build Alternatives (continued)

Intersection	Applicable Standard	AM Peak No-Build L.O.S. or V/C	AM Peak Build L.O.S. or V/C	% Increase in AM Delay	PM Peak No-Build L.O.S. or V/C	PM Peak Build L.O.S. or V/C	% Increase in PM Delay
East C Street/E 26th Street (Tacoma Intersection #12)	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***E***	***F***	***85% – >200%***	***E***	***F***	***38% – >400%***
East L Street/Puyallup Avenue (Tacoma Intersection #24)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***D***	***F***	***83% – 143%***	***E***	***F***	***62% – 177%***
E Portland Avenue/ SR 509 WB On-Ramp (Tacoma Intersection # 29)	WSDOT HSS (L.O.S. D)	A	A	0%	***D***	***F***	***86% – 204%***
E Portland Avenue/SR 509 Eastbound Off-Ramp (Tacoma Intersection #30)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***D***	***F***	***83% – 140%***	***F***	***F***	***56% – 127%***
E Portland Avenue/E 25th Street/E Bay Street (Tacoma Intersection #32)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	D – E	7% – 52%	F	F	0%
E Portland Avenue/E 26th Street (Tacoma Intersection #33)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***F***	***0% – 34%[6]***	***F***	***F***	***0% – 27%[6]***
E Portland Avenue/E 27th Street (Tacoma Intersection #34)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	B	0% – 6%	***E***	***F***	***24% – 55%***
E Bay Street at SR 167 Access Ramps (Tacoma Intersection #37)	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	A – B	13% – 50%	F	F	0%
E Bay Street at E 27th Street/ I-5 Southbound Off-Ramp (Tacoma Intersection #38)	WSDOT HSS (L.O.S. D)	B	B	0%	E	E	0%
East R Street/E 28th Street/I-5 Northbound On-Ramp (Tacoma Intersection #39)	WSDOT HSS (L.O.S. D)	C	C	4% – 9%	***F***	***F***	***3% – 10%[7]***
E Bay Street/River Road E (SR 167)/Pioneer Way E (Tacoma Intersection #43)	WSDOT HSS (L.O.S. D)	C	C – D	30% – 59%	***F***	***F***	***81% – 133%***

Notes:
(1) Intersection would be constructed as part of Fife 54th Avenue or 54th Span design options.
(2) Only below standards for Fife 54th Avenue and Fife 54th Span design options.
(3) Only below Threshold for Fife Preferred Station.
(4) Only above the 10 percent threshold for the Fife 54th Avenue and 54th Span Alternatives.
(5) Additional delay affects a limited number of vehicles at a driveway and may be the result of SimTraffic variability.
(6) Only above the 10 percent threshold in the Tacoma 25th Street-East, Tacoma Close to Sounder and Tacoma 26th Street Alternatives.
(7) Not above 10 percent threshold for Tacoma Close to Sounder Alternative.

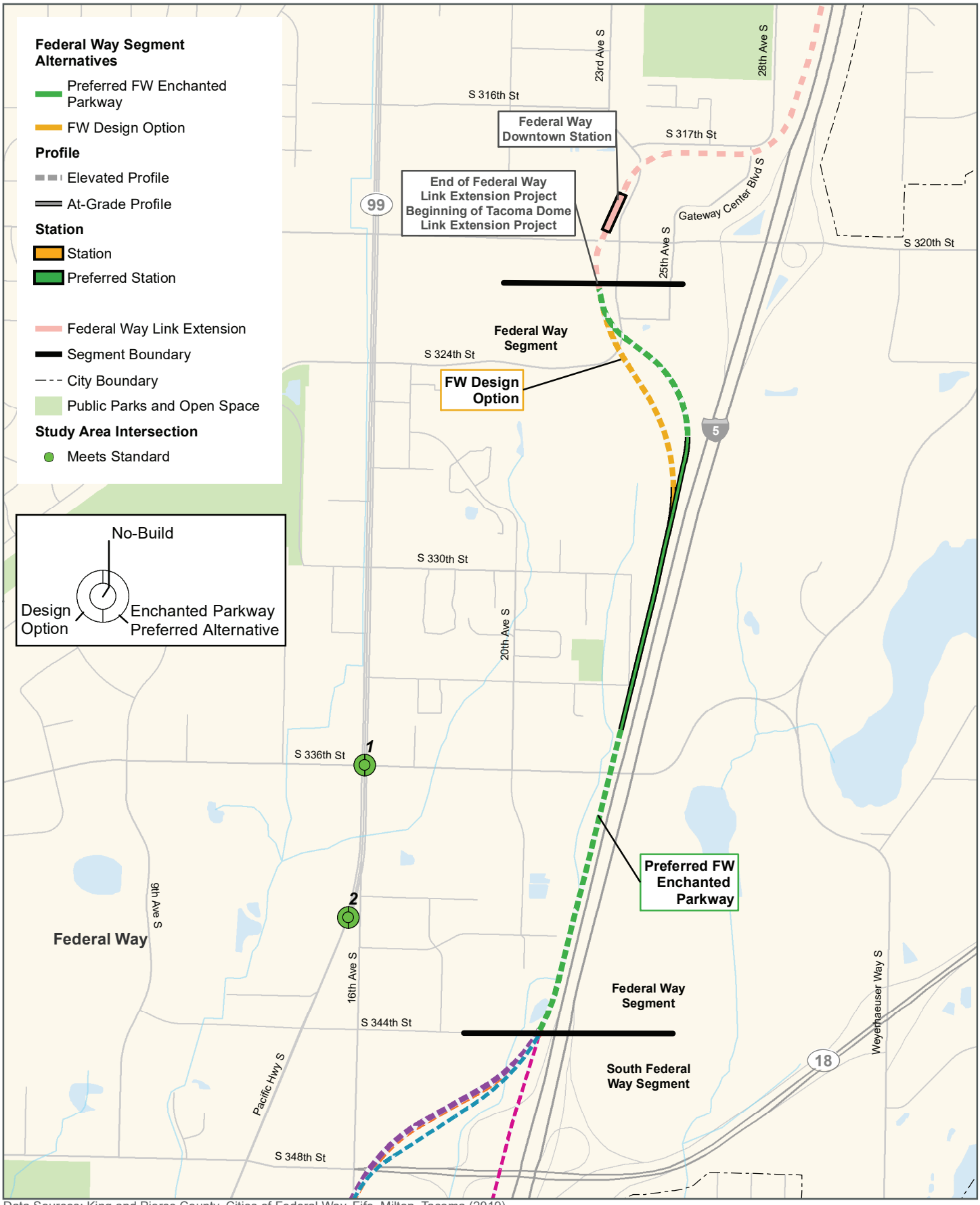

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 3-3
2042 No-Build and Build Alternative
Traffic Operations - AM Peak Hour
Federal Way Segment
Tacoma Dome Link Extension

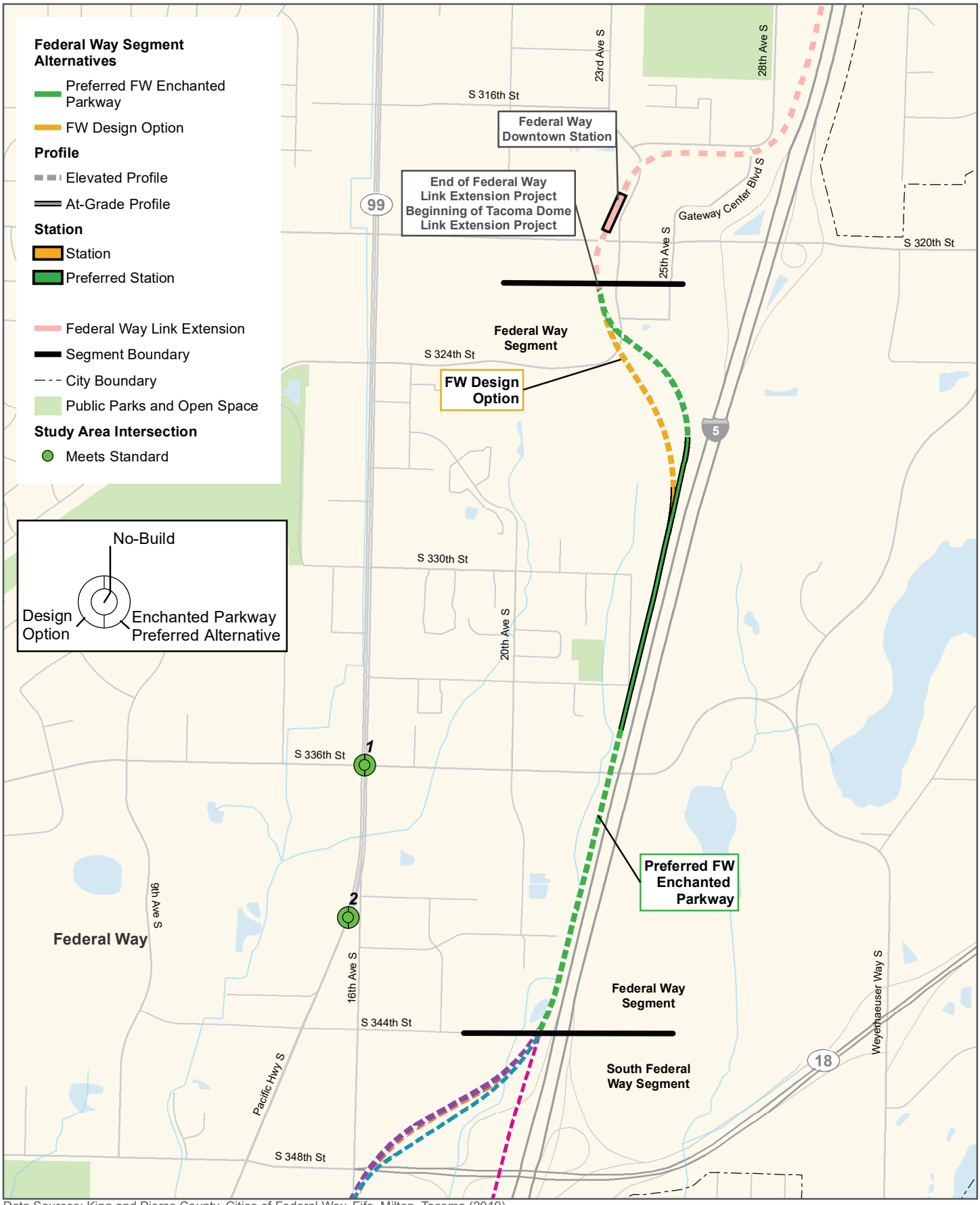

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3-4
2042 No-Build and Build Alternative
Traffic Operations - PM Peak Hour
Federal Way Segment
Tacoma Dome Link Extension

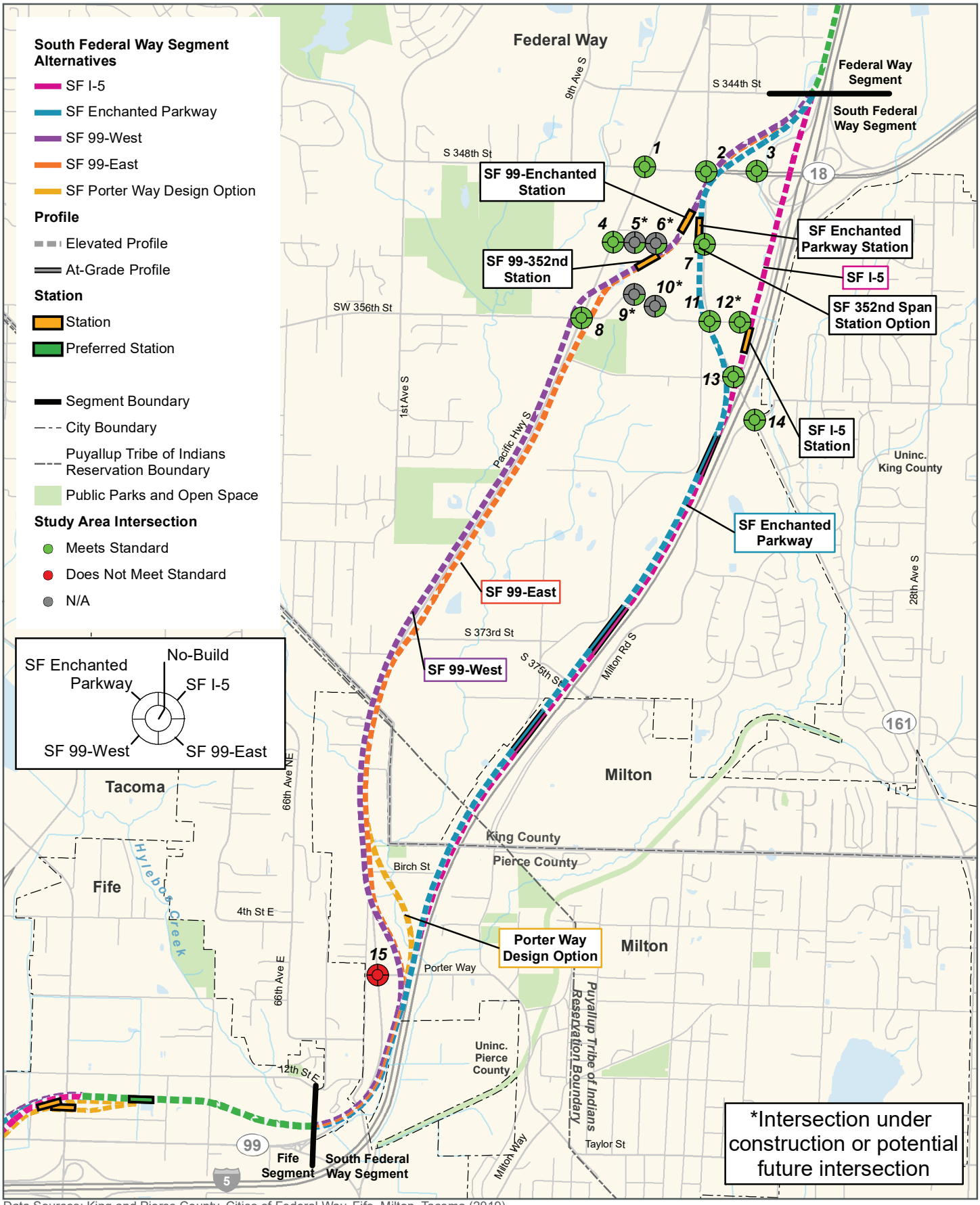

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3-5

2042 No-Build and Build Alternative Traffic Operations - AM Peak Hour South Federal Way Segment

Tacoma Dome Link Extension

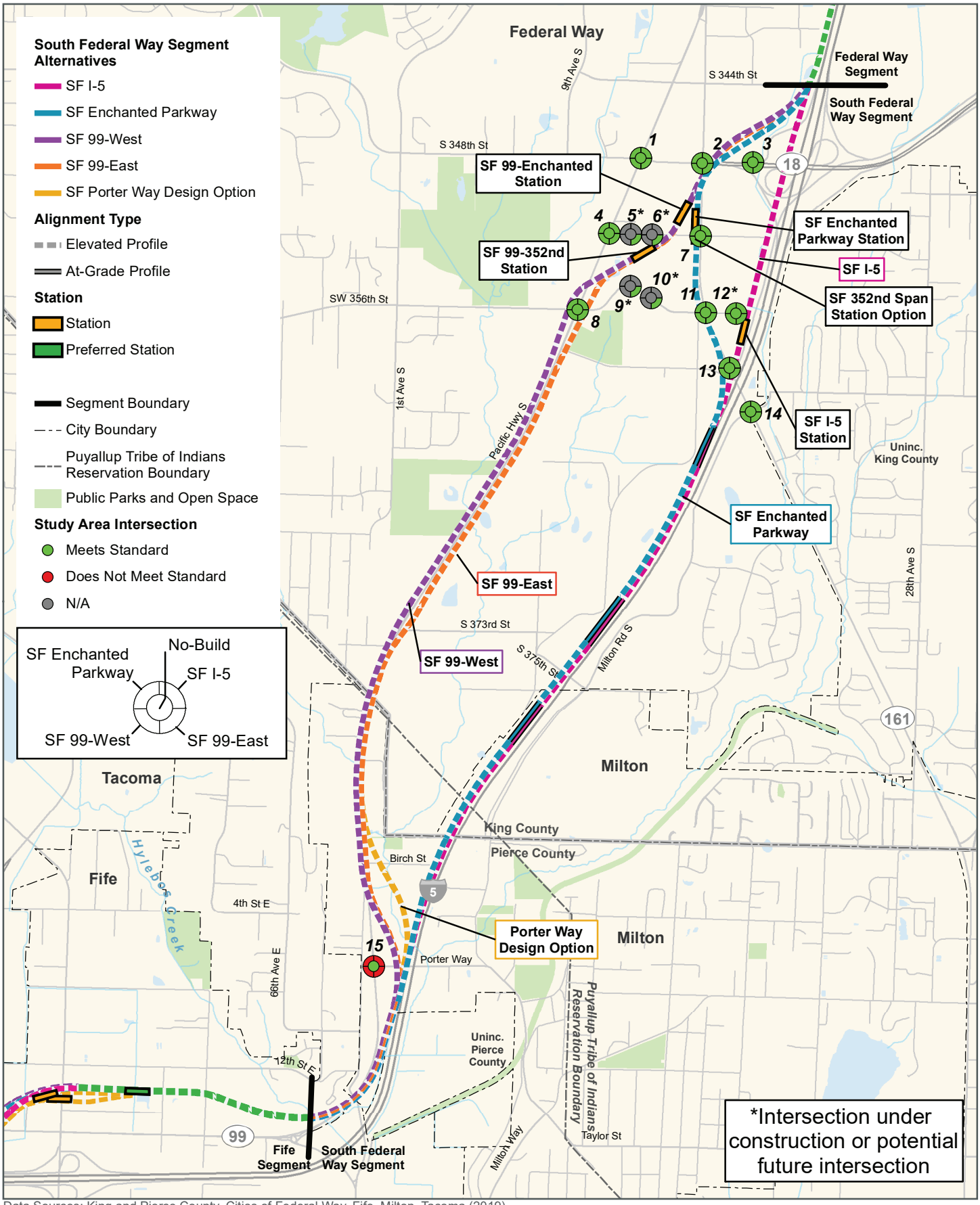

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3-6

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour South Federal Way Segment

Tacoma Dome Link Extension

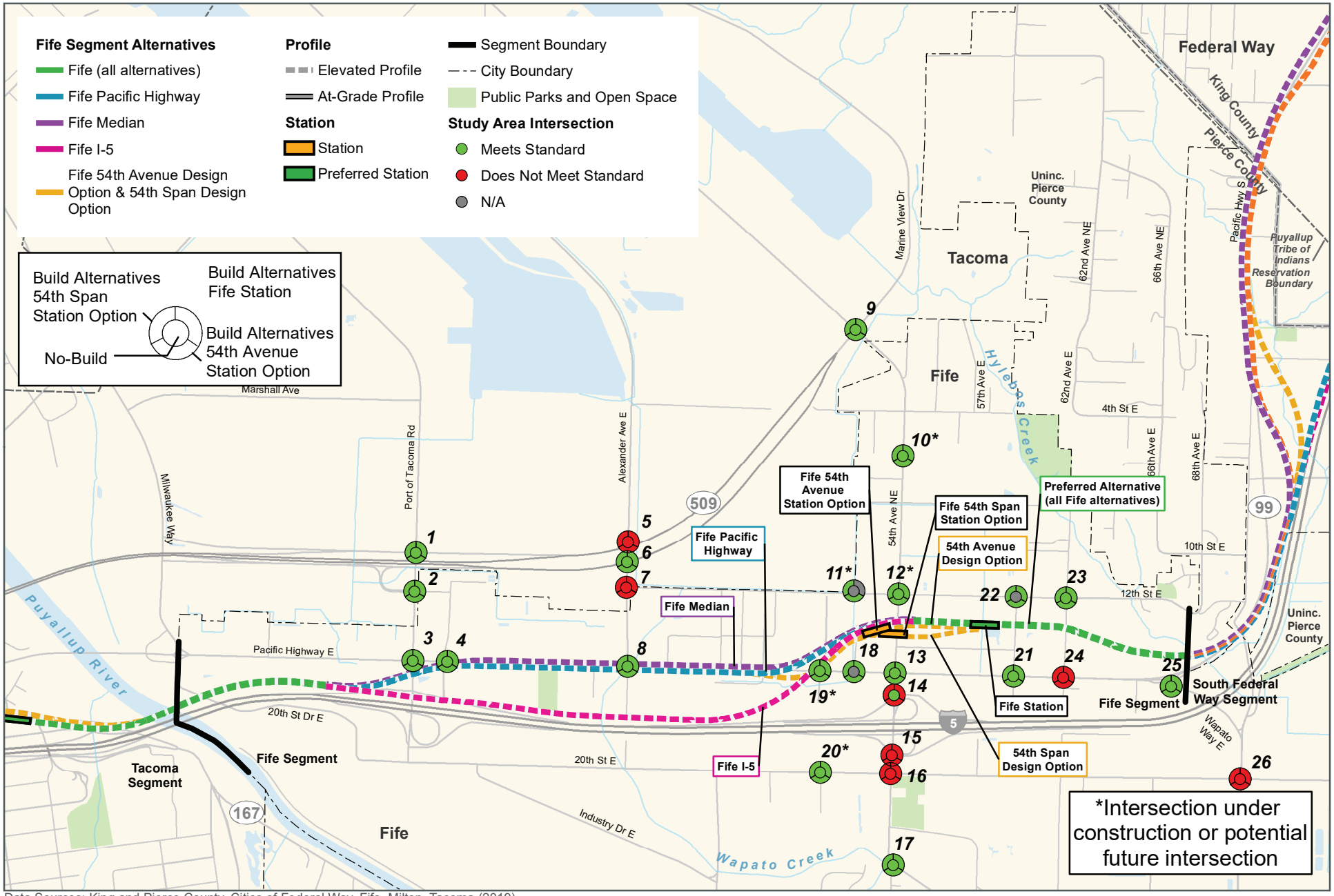

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 3-7
2042 No-Build and Build Alternative
Traffic Operations - AM Peak Hour
Fife Segment
Tacoma Dome Link Extension

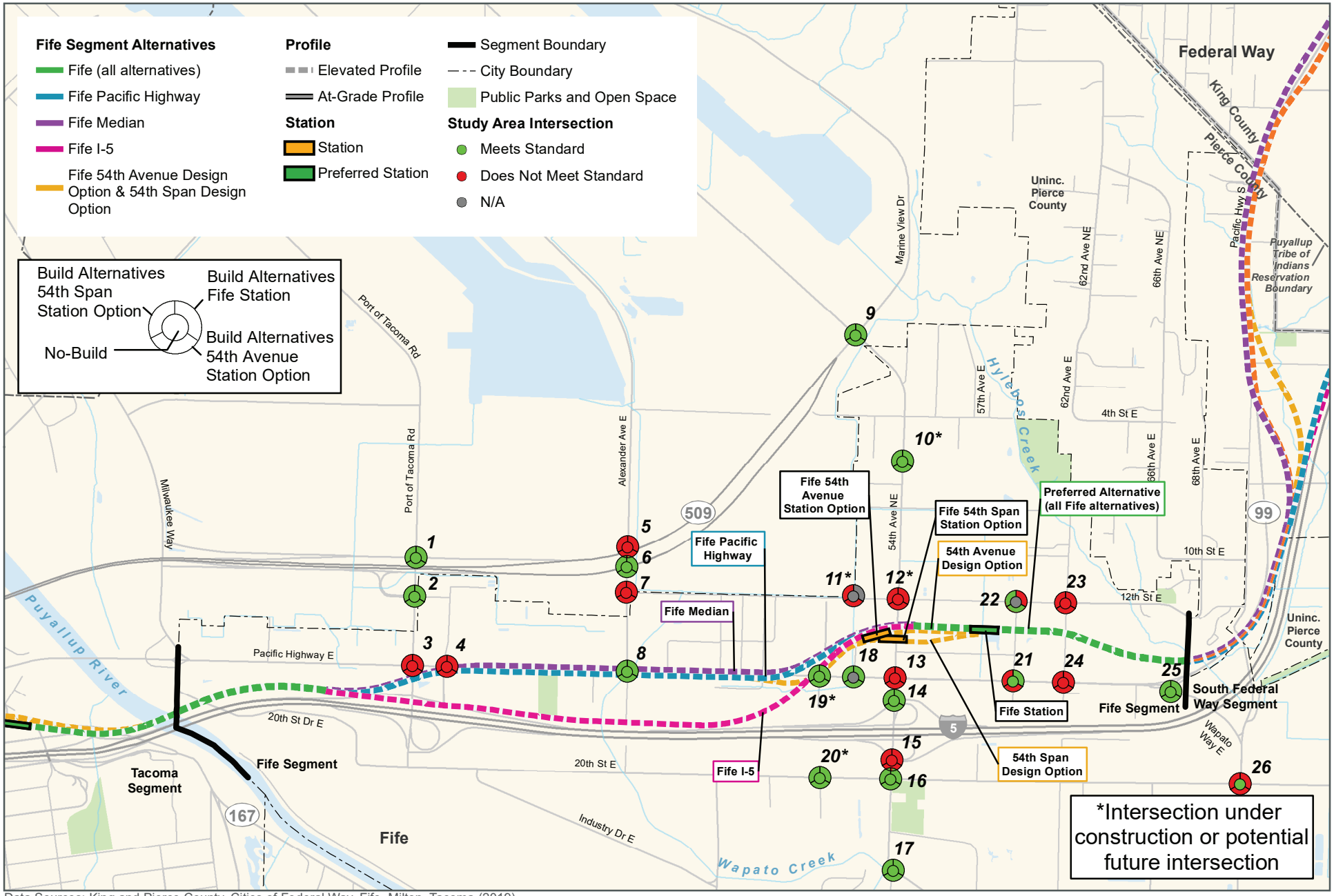

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3-8

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour Fife Segment

Tacoma Dome Link Extension

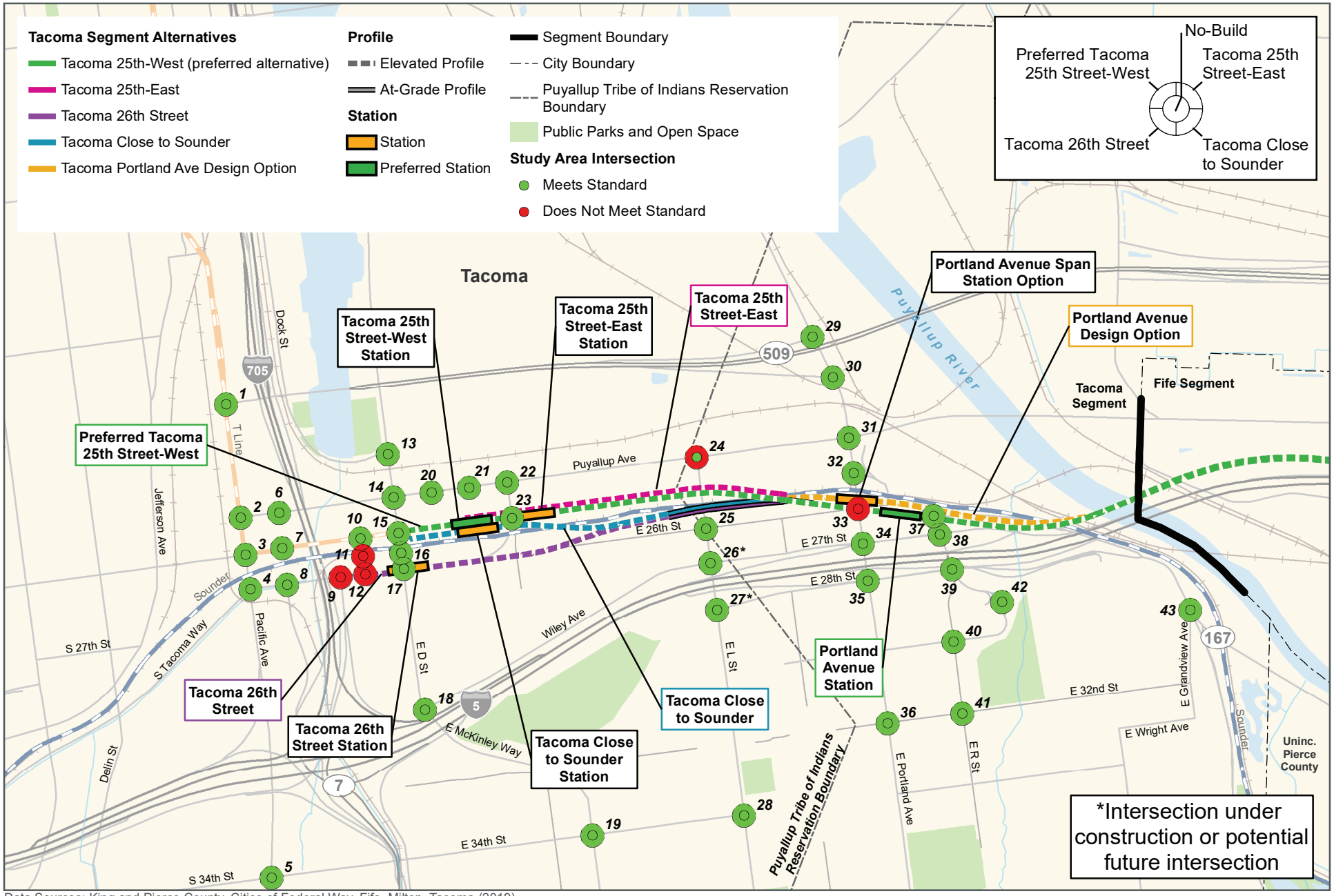

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 3-9

2042 No-Build and Build Alternative Traffic Operations - AM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

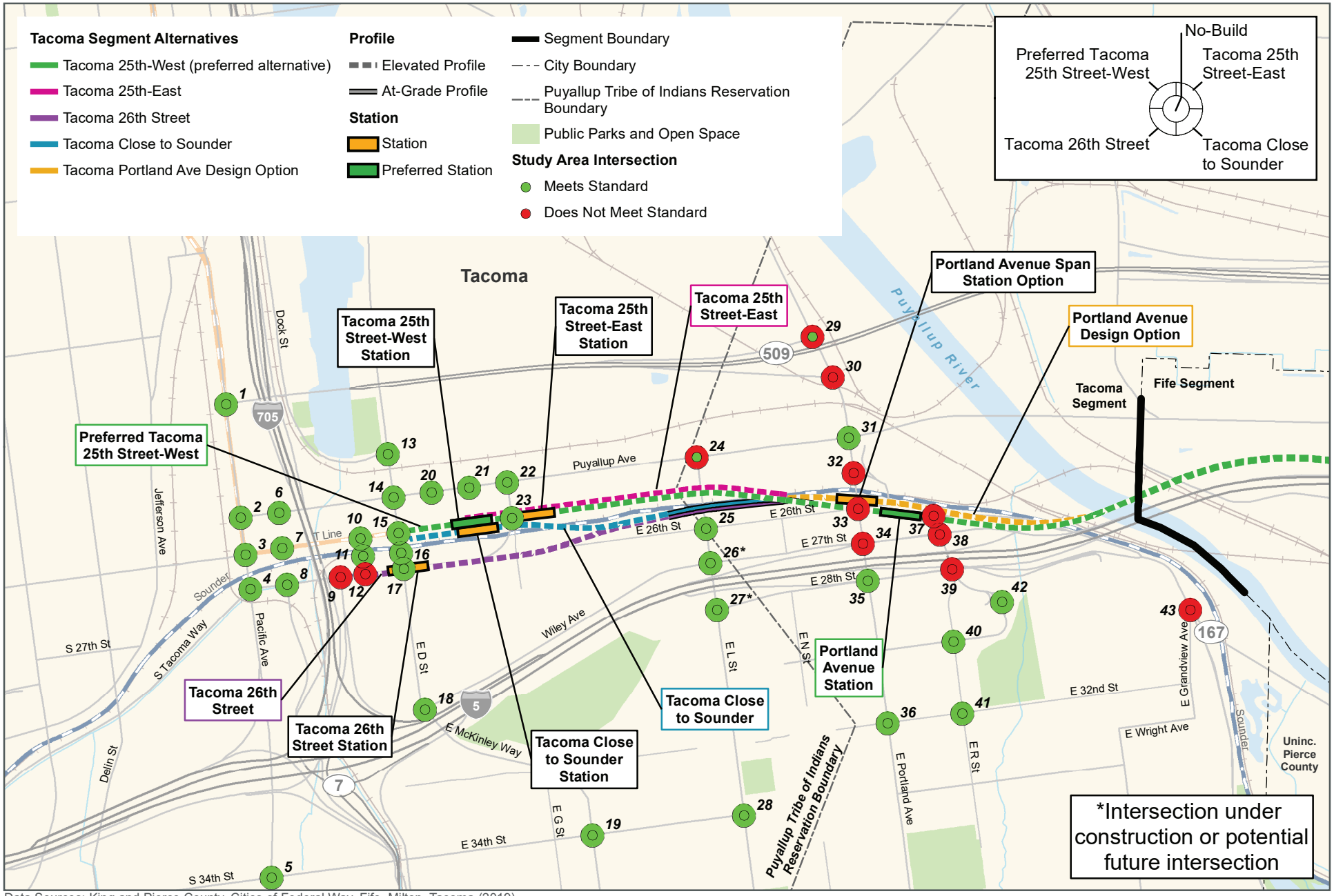

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 3-10

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

Impacts Common to the Build Alternatives in the Federal Way Segment

For all build alternatives in the Federal Way Segment, the project-related changes in v/c values would be small; intersection operations would continue to meet the City of Federal Way and WSDOT standards for intersection operations during both the AM and PM peak hours.

Impacts Common to the Build Alternatives in the South Federal Way Segment

For all build alternatives in the South Federal Way Segment, the project-related changes in v/c values would be small. Most intersection operations would continue to meet the City of Federal Way and WSDOT standards for intersection operations during both the AM and PM peak hours (see Figures 3-5 and 3-6). One intersection would operate below standard during the AM and PM peak hours associated primarily with Fife Segment build alternatives (South Federal Way #15), as shown in Table 3-13.

The Porter Way Design Option and SF 352nd Span Station Option would not change intersection operations results. The surface parking lot options would have similar traffic operations as the parking garage options.

Impacts Common to the Build Alternatives in the Fife Segment

Traffic operations in the Fife study area were evaluated with the additional traffic generated by the build alternatives. During the AM Peak Hour (see Figure 3-7), six intersections would operate below standards in the No-Build Alternative (Intersections #5, #7, #15, #16, #24, and #26), and one additional intersection (Intersection #14) would operate below standard under the build alternative. The seven intersections that would operate below standard for all Fife build alternatives are listed in Table 3-13, with those above thresholds for mitigation in bold and italics.

During the PM Peak Hour (see Figure 3-8), nine intersections would operate below standards in the No-Build Alternative (Intersections #3, #4, #5, #7, #12, #13, #15, #23, and #24) and three additional intersections (Intersections #21, #22, and #26) would operate below standard under the build alternative. The 12 intersections that would operate below standard for all Fife build alternatives are listed in Table 3-13 with those above thresholds for mitigation in bold and italics.

The surface parking lot option would have similar traffic operations as the parking garage option.

The Fife 54th Avenue and Fife 54th Span design options would add a new intersection at 52nd Avenue and 12th Street E (Intersection #11) that would operate below standard in the PM peak hour.

Impacts Common to the Build Alternatives in the Tacoma Segment

Traffic operations in the Tacoma Segment were evaluated with the additional traffic generated by the Portland Avenue Station in combination with a station at the Tacoma Dome Station area. The Portland Avenue Span Option is a design option that was evaluated only with the Tacoma Segment's Preferred Alternative (Tacoma 25th Street-West).

During the AM Peak Hour (see Figure 3-9), four intersections would operate below standards in the No-Build Alternative (Intersections #9, #11, #12, and #33), and one additional intersection (Intersection #24) would operate below standard under all build alternatives. The five intersections that would operate below standard under any proposed alternative in the Tacoma Segment with Portland Avenue Station locations are listed in Table 3-13, with those above thresholds for mitigation in bold and italics. During the PM peak hour (see Figure 3-10), 10 intersections would

operate below standards in the No-Build Alternative (Intersections #9, #12, #30, #32, #33, #34, #37, #38, #39, and #43), and two additional intersections (Intersections #24 and #29) would operate below standard under all build alternatives. The 12 intersections that would operate below standard under any proposed alternative in the Tacoma Segment with Portland Avenue Station locations scenario are listed in Table 3-13 with those above thresholds for mitigation in bold and italics**.**

Construction Impacts

With each of the TDLE build alternatives, construction would require local road closures, lane closures, traffic detours, and property access modifications and closures to maintain traffic flow. There could be extended lane closures where guideway construction runs parallel or within the median of Pacific Highway. Streets that would be beneath the guideway would require temporary full and/or partial closures to construct the guideway and other associated features. If driveway closures are required, temporary access routes to these properties would be maintained to the extent practical. If access to a business could not be maintained during construction, the specific construction activity would be reviewed to determine if it could occur during non-business hours.

The peak number of truck trips is expected to occur during earthwork operations and during concrete delivery for both guideway and station construction. For the elevated guideway construction, peak truck trips are estimated at 10 to 15 trucks per hour for concrete delivery, or between 80 and 240 trips per day, assuming 8 to 16 hours per day of active construction, some of which may occur at night. This would occur for approximately 2 years for each area of construction. A similar level of truck activity is expected for earthwork activities, but this would be focused on trucks hauling material during excavation and would not overlap with concrete delivery trucks.

Construction truck traffic would use truck routes and, where required, local roadways to access the construction areas. Delivery of large items, such as precast girders, would occur via truck routes. There would be limited direct access via the I-5 mainline, although trucks may use I-5 for trips to and from other locations in the region. For these trips, access would be from existing interchange ramps, WSDOT facilities, or even I-5, pending coordination with and approval from WSDOT and Federal Highway Administration (FHWA). During construction there may be some short-term closures (night/weekend) to on- and off-ramps to accommodate installing girders over ramps. As the design and construction plans are advanced, there could be the need for direct access between I-5 and construction areas. If direct access is required, Sound Transit would coordinate with WSDOT and FHWA and would notify the local jurisdiction.

Construction staging areas would be located within the project's construction limits shown in Appendix F, Conceptual Design Drawings. The staging areas will be refined in the Final EIS.

3.4.1.2 Avoidance and Minimization Measures for Construction Impacts

All avoidance and minimization measures associated with constructing TDLE would comply with local regulations governing construction traffic control and construction truck routing. Sound Transit would finalize detailed construction plans in close coordination with local jurisdictions and WSDOT during the final design and permitting phases of the project.

3.4.2 Potential Mitigation Measures

Mitigation would be required at intersections where the operational standard for a build alternative would be worse than with the No-Build Alternative and would not meet the agency operational standards.

Where an intersection would not meet the agency operational standard under the No-Build Alternative, Sound Transit would provide mitigation if the build alternatives would degrade operations by more than 10 percent.

Potential improvements for up to 15 intersections that would require mitigation are summarized below. Sound Transit would provide these improvements or other improvements agreed to with the agency of jurisdiction. As the project design advances, Sound Transit would continue to work with affected jurisdictions/agencies to evaluate mitigation strategies for safe, efficient operations. Final mitigation will be determined and agreed upon by Sound Transit and the affected jurisdiction(s). Sound Transit's contribution to improve intersections would be determined during the project permitting process. This may include contributing a proportionate share of costs to improve intersections affected by the build alternative, based on the project's proportionate ratio of trips at the intersection, or another equitable method.

Federal Way Segment

No study intersections in the Federal Way Segment would require mitigation because all are forecast to meet agency standards.

South Federal Way Segment

One intersection in the South Federal Way Segment would require mitigation because it does not meet agency standards and the build alternatives would increase delay by more than 10 percent.

- **SR 99/Porter Way (South Federal Way Intersection #15) –** Eastbound and westbound traffic on Porter Way have shared left-through movements and permissive left-turn phasing (meaning that left turns must yield to oncoming traffic). Widening Porter Way to provide exclusive left-turn lanes would improve AM and PM peak-hour traffic operations and accommodate projected background and station growth.

Fife Segment

In the Fife Segment, nine intersections (Intersections #11, #12, #13, #14, #21, #22, #23, #24, and #26) would require mitigation or some contribution of proportionate share because they would not meet agency standards and the build alternatives would increase delay by more than 10 percent.

- **52nd Avenue E/12th Street E (Fife Intersection #11)** – Improvements to mitigate PM peak hour operations with the 54th Avenue and 54th Span design options at this intersection would include adding a southbound right-turn pocket at the downstream intersection of 54th Avenue E/SR 99 (Fife Intersection #13) along with signal optimization.
- **54th Avenue E/12th Street E (Fife Intersection #12) –** Improvements to mitigate PM peak hour operations at this intersection would include optimizing the signal phasing as well as adding a southbound right-turn pocket at the downstream intersection of 54th Avenue E/SR 99 (Fife Intersection #13). The added southbound right-turn pocket would improve southbound traffic operations along 54th Avenue E, which would reduce delay for eastbound vehicles destined for southbound 54th Avenue E.
- **54th Avenue E/SR 99 (Fife Intersection #13) –** Improvements to mitigate PM peak hour traffic operations at this intersection include optimizing the signal phasing as well as adding southbound and westbound right-turn pockets to improve traffic operations.

- **54th Avenue E/I-5 Southbound Ramps (Fife Intersection #14) –** This intersection would be modified by the future I-5/54th Street Ramp project to split the interchange ramps and add new ramps at 51st Avenue E. Sound Transit would work with the City of Fife to determine the proportionate share contribution for AM peak hour traffic operations based on the limited additional trips added to this intersection from the station in Fife.
- **59th Avenue Ct E/SR 99 (Fife Intersection #21) –** This signalized intersection would operate below standard only with the 54th Avenue Design Options in the PM peak hour. Proposed mitigation at other nearby intersections, including a westbound right-turn pocket at 54th Avenue E/SR 99 (Fife Intersection #13), would improve PM peak traffic operations at this intersection.
- **12th Street E/59th Ave Ct E (Intersection #22) –** This signalized intersection would operate below standards only with the preferred Fife Station in the PM Peak. Proposed mitigation at other nearby intersections would mitigate PM Peak operations at this intersection including a southbound right turn pocket at 54th Avenue/SR 99 (Fife Intersection #13) and signal; timing optimization at 54th Avenue E and 12th Street E (Fife Intersection #12). Sound Transit would work with the City of Fife to determine appropriate intersection configuration and traffic control at these nearby intersections.
- **12th Street E/62nd Avenue E (Fife Intersection #23)** – In 2042, the volumes on the side street would likely be high enough to warrant a traffic signal if/when the planned Fife City Center development occurs. Installing a traffic signal would improve overall intersection operations, and Sound Transit would work with the City of Fife to determine what proportionate share Sound Transit would contribute to these improvements.
- **SR 99/62nd Avenue E (Fife Intersection #24) –** In 2042, the volumes on the side street would likely be high enough to warrant a traffic signal if/when the planned Fife City Center development occurs. Installing a traffic signal would improve intersection operations in the AM and PM peak hours. Sound Transit would work with the City of Fife to determine what proportionate share Sound Transit would contribute to these improvements.
- **70th Avenue E/20th Street E (Fife Intersection #26) –** Travel patterns through this intersection are expected to change in the future with the extension of SR 167. If congestion persists, traffic may shift to other routes. Sound Transit would work with the local agency to determine intersection improvements and what proportionate share Sound Transit would contribute to these improvements.

Tacoma Segment

In the Tacoma Segment, eight intersections (Intersections #9, #12, #24, #29, #30, #33, #34, and #43) would require mitigation or contribution of proportionate share because they would not meet agency standards and build alternatives would increase delay by more than 10 percent. One intersection (Intersection #11) would require mitigation only with the Tacoma 26th Street Alternative.

- **I-705 Northbound Ramp/E 26th Street (Tacoma Intersection #9) –** Installing a traffic signal at this intersection would improve intersection operations in the AM and PM peak hours, especially for the northbound stop-controlled movement.
- **East C Street/E 26th Street (Tacoma Intersection #12) –** Installing protected left turns for the eastbound movement would improve intersection operations in the AM and PM peak hours. Delays for the low northbound volume (less than 20 vehicles) are due to queuing from the East D Street intersection.

- **East L Street/Puyallup Avenue (Tacoma Intersection #24) –** Installing a traffic signal would assist both northbound and southbound traffic (currently stop-controlled). Sound Transit would work with the City of Tacoma to determine what proportionate share Sound Transit would contribute to these improvements.
- **E Portland Avenue Intersections at SR 509 Ramps (Tacoma Intersections #29 and #30) –** Improvements to mitigate PM peak traffic operations would include signalization of the intersections at the SR 509 access ramps on E Portland Avenue. Sound Transit would work with the local agency to determine intersection improvements for mitigation or contribution of proportionate share to accommodate the future TDLE station.
- **E Portland Avenue Intersections at E 26th Street (Tacoma Intersection #33) and E 27th Street (Tacoma Intersection #34) –** Sound Transit would work with the City of Tacoma to determine appropriate intersection configuration and traffic control to accommodate the future TDLE station and growth along E Portland Avenue from Puyallup Tribe of Indians development projects and other private development projects. Improvements to mitigate AM peak traffic operations at E 26th Street and PM peak traffic operations at both intersections would include signalization of current two-way stop-controlled intersections at E 25th Street and E 26th Street to improve operations and provide protected left-turn access to the Portland Avenue Station.
- **E Bay Street/River Road E (SR 167)/Pioneer Way E (Tacoma Intersection #43) –** At the time of analysis, this intersection was under construction and Sound Transit will continue to assess traffic operations and potential mitigation or contribution of proportionate share to accommodate the future TDLE station.

3.5 Freight Mobility and Access

This section describes the effects of the No-Build and build alternatives on freight mobility and access within the study area.

3.5.1 Environmental Impacts to Freight Mobility and Access

3.5.1.1 Long-Term Impacts

No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Freight mobility and access are expected to improve under the No-Build Alternative compared with existing conditions because the SR 167 Completion Project would create a new regional highway connection to/from I-5 within the study area. In addition to the SR 167 Completion Project, both the I-5/Port of Tacoma Road Interchange and I-5/54th Avenue Interchange planned improvements would improve freight travel because interchange improvements would reduce congestion through both interchanges.

In the Tacoma Segment, the City of Tacoma has planned improvements specifically for freight access along E Portland Avenue, which include the Portland Avenue Freight Access Improvements project. Other changes in Tacoma include the multimodal planned improvements along Puyallup Avenue, which include converting one eastbound travel lane to a transit-only lane.

Impacts Common to All Build Alternatives in All Segments

The distribution of trucks on I-5, Pacific Highway, SR 167, Port of Tacoma Road, E Portland Avenue, and other major freight routes in the study area would be similar to the No-Build conditions. Because the build alternatives would be either grade-separated or travel in an exclusive light rail guideway outside the roadway travel lanes, freight mobility and access would be similar to automobile mobility and access.

Impacts That Differentiate Build Alternatives in All Segments

The SF 99-East Alternative would have an elevated guideway in the median of Pacific Highway for approximately 1 mile between S 373rd Street and 70th Avenue E. Left-turn movements at intersections and midblock to access businesses along both sides of Pacific Highway would be restricted through this section.

The Fife Median Alternative would have an elevated structure that would bisect the current channelization of Pacific Highway E from 34th Avenue E to Willow Road. The median included with the Fife Median Alternative would prohibit left turns at some midblock driveways. U-turn facilities provided at major intersections could be used by smaller trucks. However, larger trucks may be required to approach affected businesses using a route that does not require left turns. This is possible because there are full-access I-5 interchanges at each end of the affected segment. The Fife Median Alternative would have a greater effect on freight compared with the Fife Pacific Highway or Fife I-5 alternatives because of adjacent property access limitations.

None of the build alternatives in the Tacoma Segment would impact Tacoma Rail freight rail operations.

3.5.1.2 Construction Impacts

For all build alternatives, impacts on freight truck movements would be approximately the same as impacts to general traffic. Port of Tacoma truck traffic utilizes East D Street, E Portland Avenue, and Port of Tacoma Road as the three primary corridors for access to container terminals, and 54th Avenue E in the Fife Segment is also an important freight access point to the port. Closures on these roads could result in temporary delays to freight traffic, with temporary closures over a longer period for construction of the Fife 54th Span Design Option. During construction of overhead guideway across active rail lines, there could be some temporary closures of rail lines, which could result in delays to freight train traffic. It is anticipated that this impact would be infrequent, and all efforts would be made to perform critical work during BNSF shutdowns that would occur only at night and on weekends, minimizing the impact to freight rail operations.

3.5.1.3 Avoidance and Minimization Measures for Construction Impacts

To minimize potential freight impacts during construction, Sound Transit would coordinate with affected businesses throughout the construction period to notify them of lane and/or access closures and maintain business access as much as possible.

For any construction activities that could impact the regional roadway system, Sound Transit would provide construction information to the Port of Tacoma, local jurisdictions, and to WSDOT for use in the state’s freight notification system and regional transportation alerts. Sound Transit would provide information in a format required by WSDOT.

3.5.2 Potential Mitigation Measures

The TDLE alternatives do not require freight mitigation during operations beyond the mitigation identified at the local intersections identified in the Arterials and Local Streets section.

3.6 Nonmotorized Access

This section describes project changes to pedestrian and bicycle facilities and circulation. Project impacts to pedestrian and bicycle facilities during construction include closures and detours. Appendix J1, Transportation Technical Report, includes detailed information on nonmotorized facilities and pedestrian L.O.S. for intersections and street segments.

3.6.1 Environmental Impacts to Nonmotorized Modes

3.6.1.1 Long-Term Impacts

No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Future pedestrian and bicycle facilities expected to exist in the study area under the No-Build Alternative are described in Section 5.5.3 of Appendix J1, Transportation Technical Report.

Nonmotorized volumes are expected to increase throughout the study area from land use and development changes, construction of new nonmotorized facilities, and users shifting from other travel modes. It is expected that background nonmotorized trips in the No-Build condition would grow by approximately 7-13 percent by 2042. Nonmotorized travel patterns would be expected to be similar to Affected Environment conditions.

Impacts Common to All Build Alternatives in All Segments

TDLE would affect how pedestrians access and circulate within each of the station areas. This would result in differences in nonmotorized flows that would not occur under the No-Build Alternative.

None of the build alternatives would create barriers to nonmotorized traffic. The guideway would be elevated where it would cross public streets and private driveways or property access to prevent impacts. Where the guideway is at grade, it would not cross any existing streets, or the guideway would pass below the existing street.

Table 3-14 summarizes the pedestrian and bicycle trips that would be associated with the TDLE build alternatives during the PM peak period. Transfers between modes, including transit, park-and-ride access, and pickup/drop-off, would also result in nonmotorized traffic within station areas.

Consistent with Sound Transit System Access Policy, TDLE includes pedestrian and bicycle improvements at stations to safely accommodate the projected increase in pedestrian and bicycle travel with TDLE (Sound Transit 2013). Sound Transit has initiated work with local jurisdictions to identify a preliminary list of pedestrian and bicycle improvements to support station access as part of a System Access Program. Ongoing work with Tribes and local jurisdictions on system access improvements are described further in Chapter 5.

Table 3-14 Station Area Nonmotorized Trips – Year 2042 PM Peak Period

Station Area	Walk/Bike Trips	Other Transfers
South Federal Way	220	1,040
Fife	280	1,400
Portland Avenue	260	540
Tacoma Dome	960	6,240

Source: Ridership & Traffic Forecasts Technical Memo, Fehr & Peers April 2020.

Limited right-of-way and large block sizes near station alternatives in the South Federal Way and Fife segments require some out-of-direction travel for nonmotorized users.

Short- and long-term bicycle parking would be provided at stations in a centralized location, which could include lockers and bicycle racks.

Impacts Common to the Build Alternatives in the Federal Way Segment

The alternative and design option through the Federal Way Segment do not include a station and would not have permanent effects on pedestrian facilities, volumes, or circulation.

Impacts That Differentiate the Build Alternatives in the South Federal Way Segment

The SF 352nd Span Option would eliminate the need for nonmotorized users from the south to cross S 352nd Street at grade since there would be station entrances on both sides of the street.

The SF 99-West Alternative would add new sidewalks to the west side of Pacific Highway where the alignment would be alongside the roadway. The SF 99-East Alternative would add sidewalks to the east side of Pacific Highway north of S 373rd Street and between S 373rd Street and south of Birch Street, where the alignment is in the center of the roadway would add sidewalks to both sides of Pacific Highway.

Near the SF I-5 Alternative, the I-5 SR 161/SR 18 Triangle Project would introduce two roundabouts directly adjacent to the SF I-5 Station. Station accessibility could be reduced for some nonmotorized users due to the proximity of the roundabouts to the station. The I-5 SR 161/SR 18 Triangle Project was suspended in 2023, with no schedule for resumption.

The SF I-5 Station would also be directly adjacent to I-5. This would reduce nonmotorized access from the east due to the limited street network accessible to pedestrian and bicycle users directly surrounding the station. The terrain between Enchanted Parkway S and the station could also be a barrier for some users because there is an elevation gain between the plaza and Enchanted Parkway S.

Impacts That Differentiate the Build Alternatives in the Fife Segment

To accommodate roadway widening under the Fife Median Alternative, the sidewalk and crosswalks could move from their existing location along Pacific Highway E between 54th Avenue E and Port of Tacoma Road. All sidewalks and crosswalks would be reconstructed to meet the current standards. Some crossing distances could increase to accommodate roadway widening; the median would provide a midblock refuge for nonmotorized users at intersections and designated crossing locations.

Impacts Common to All Build Alternatives in the Tacoma Segment

All build alternatives in the Tacoma Segment would include the same Portland Avenue Station location. Nonmotorized users accessing the Portland Avenue Station, or the Portland Avenue Span Option would be able to cross I-5 using the undercrossings at E Portland Avenue and E Bay Street/East R Street. These undercrossings would be improved and may include sidewalk widening, lighting, and art. A nonmotorized overcrossing of I-5, referred to as the optional Portland Avenue bike and pedestrian bridge, could be provided between the station and the area south of I-5 in the vicinity of either East R Street or E Portland Avenue. This would provide nonmotorized users traveling to and from the area south of I-5 with a grade-separated connection to the Portland Avenue Station. There is currently no funding commitment by any party, including Sound Transit, to build the optional Portland Avenue bike and pedestrian bridge.

During large events at the Tacoma Dome, there could be surges of nonmotorized users prior to and after events. During these times, pedestrians could experience congestion along facilities near the Tacoma Dome Station locations due to event attendees using light rail or accessing parking in the vicinity. It is anticipated that these events would occur sporadically during the year and that traffic control would be provided by the City of Tacoma and Tacoma Dome management to manage vehicular and nonmotorized traffic.

Each of the proposed stations near the Tacoma Dome could include a pedestrian bridge to provide nonmotorized users with a grade-separated connection between the station mezzanine and other nearby transit uses. Each of the pedestrian bridges could also include a grade-separated connection over E 25th Street to the Tacoma Dome Station garage. For detailed information on the pedestrian bridges included for each station alternative, see Appendix J1, Transportation Technical Report.

Minimum Operable Segments and Interim Terminus

If TDLE is constructed in phases or M.O.S.s, the station in South Federal Way or Fife would be the interim terminus of the project. If the station in South Federal Way were the interim terminus for the project, nonmotorized trips would be the same as the full-build condition. While there would be changes to transit transfers and pickup/drop-off trips, these transfers would occur within the station footprint so there would be no changes to nonmotorized impacts near the station.

If the station in Fife were the interim terminus, there would be fewer nonmotorized trips and fewer pickup/drop-off transfers during the PM peak period than the full-build condition. Bus transit transfers would be expected to increase with more bus service feeding the station. Nonmotorized trips would decrease during the PM peak period and more riders would access the station in Fife by transferring from connecting Pierce Transit bus routes. Because nonmotorized volumes would be lower and transfers would occur within the station footprint, nonmotorized impacts near the station would be similar to or less than those present at the station in Fife under the full-build condition.

Nonmotorized trips at the station in South Federal Way would also change if the station in Fife were the interim terminus. There would be fewer nonmotorized trips to the station as well as fewer transfers between modes.

3.6.1.2 Construction Impacts

Impacts Common to All Build Alternatives in All Segments

All alternatives would temporarily close either sidewalks and/or bicycle lanes or reduce sidewalk widths within construction areas. Existing walking and biking routes would need to be rerouted during construction while maintaining accessibility.

Impacts Common to All Build Alternatives in the Federal Way Segment

Nonmotorized travel could be affected by construction of the guideway through the Federal Way Segment, particularly along 23rd Avenue S near the South Federal Way Park and Ride and on S 336th Street from 20th Avenue S to the I-5 undercrossing.

Impacts Common to All Build Alternatives in the South Federal Way Segment

Nonmotorized travel could be affected in station areas during construction as well as from construction of the elevated guideway over arterials and local streets.

The limited number of I-5 crossings currently restricts the pedestrian and bicycle activity across I-5 in the study area; therefore, existing nonmotorized facilities across I-5 would be maintained to the extent practical. Construction of the SF Enchanted Parkway Alternative would affect nonmotorized access on Enchanted Parkway between S 348th Street and the I-5 overcrossing. This would impact nonmotorized mobility across I-5, as crossings are limited and Enchanted Parkway is an important east-west connection.

Temporary closures and restrictions associated with construction of the SF 99-West and SF 99-East alternatives would affect nonmotorized access along and across Pacific Highway due to sidewalk closures and pedestrian detours during construction. Both the SF 99-East and SF 99-West alternatives would also add sections of sidewalk where none currently exist along Pacific Highway through the South Federal Way Segment.

Impacts That Differentiate the Build Alternatives in the Fife Segment

There would be some impact on nonmotorized travel (pedestrians and bicyclists) during construction of the elevated guideway along Pacific Highway under the Fife Pacific Highway and Fife Median alternatives. Wherever practical, sidewalks and crosswalks would remain open in the construction areas. Protected sidewalks next to the construction area would be provided when detour routes are not practical. The Fife Pacific Highway and Fife Median alternatives would affect pedestrian and nonmotorized access along Pacific Highway during construction. Short sections of sidewalks may need to be temporarily closed during construction on or adjacent to the roadway and would require pedestrians to detour to the closest signalized crossing of Pacific Highway.

The Fife 54th Avenue and Fife 54th Span design options would have more effects on nonmotorized access along 54th Avenue E and at the intersection with 12th Street E. The Fife 54th Span Design Option would likely require a longer-term closure of 54th Avenue E or intermittent closures over a longer period to construct the station, which would require rerouting nonmotorized users to one side of the street in an area with limited crossings.

Impacts Common to All Build Alternatives in the Tacoma Segment

The sidewalk network in the area near the Tacoma Dome would be impacted. Construction would necessitate several sidewalk closures during column construction, including along E 25th Street and E 26th Street, depending on the alternative chosen. There is an existing at-grade pedestrian crossing of the Sounder/Amtrak tracks at East D Street, which would be temporarily closed during construction. This would require nonmotorized detours.

3.6.1.3 Avoidance and Minimization Measures for Construction Impacts

During construction, Sound Transit would minimize impacts from temporary sidewalk and bicycle facility closures by providing detours that address accessibility needs within construction areas, such as protected walkways, and notifying the public as appropriate.

3.6.2 Potential Mitigation Measures

TDLE would not result in any permanent adverse impacts on existing nonmotorized facilities near the stations or along the guideway. No mitigation would be required.

3.7 Safety

This section describes project elements that may affect safety and safety impacts (potential increase/decrease in crashes) for freeways (including clear zones), arterials and local streets, and nonmotorized modes.

3.7.1 Environmental Impacts to Safety

3.7.1.1 Long-Term Impacts

No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The safety of the transportation system would be expected to be similar to existing conditions, but crash frequencies may increase due to additional traffic. Traffic volumes on roadways in the study area are expected to grow at an annual rate of 0.5 percent, except in Fife, where growth factors were adjusted for the SR 167 Completion Project and I-5 interchange improvements to an annual growth rate of 0.3 percent. These major infrastructure projects would change nearby traffic distribution and volumes, increasing traffic volumes at a lower rate compared to other segments. Crash types and locations would be similar as described in Section 3.2.6 of the Affected Environment.

Impacts Common to All Build Alternatives in All Segments

The safety of the transportation system is expected to be largely consistent with existing conditions because all TDLE build alternatives would be grade-separated and operate in exclusive right-of-way, with no direct conflicts with vehicles, pedestrians, or bicyclists. Columns supporting the guideway would be present at ground level and may be alongside vehicular and nonmotorized traffic. The light rail design would adhere to both light rail and roadway standards to minimize the potential effects on traffic safety.

If TDLE were to remove or modify transportation infrastructure, these facilities would be replaced to ensure that the transportation system would operate similar to or better than the No-Build Alternative. In some locations, increased traffic volumes could result in an increase in crashes.

TDLE would shift up to 30,000 people per day from driving or other type of vehicular travel to using light rail. This would reduce VMT in the region by up to 228,200 miles, which would be likely to result in fewer crashes in the region because people would be driving fewer miles. There would be an increase in general traffic volumes, transit movements, pedestrians, and bicyclists near each of the stations, which could increase the risk of traffic conflicts and conflicts among travel modes.

Traffic signals and protected turn phasing indicated in Section 3.5.2 are anticipated to reduce the severity of crashes (fatality and serious injury) compared with two-way or all-way stop-control intersections. As a result of these measures, intersection safety would be improved with construction of TDLE.

Impacts Common to All Build Alternatives in the Federal Way Segment

The Federal Way Segment does not include any stations, but traffic on some roadways in this segment are likely to increase with vehicles accessing the station in the South Federal Way Segment. This would increase the potential for conflicts between travel modes on the southern end of the Federal Way Segment near the station in South Federal Way.

For the Preferred FW Enchanted Parkway Alternative and FW Design Option, the guideway would be elevated or at grade west of I-5 southbound and would be directly adjacent to roadside clear zones, areas that border the edge of the traveled way that are free of objects to allow for recovery when a driver's path is altered. Some portions of the I-5 mainline would maintain clear zone standards established in the WSDOT Design Manual. In areas where minimum clear zone conditions cannot be maintained, barriers or impact attenuators would be provided to "shield" vehicles from roadside hazards.

Impacts Common to All Build Alternatives in the South Federal Way Segment

Under all South Federal Way Segment build alternatives, the safety of the transportation system would be expected to be similar to existing conditions.

Transfers between bus transit and light rail would contribute to the pedestrian traffic near the station. The bus transit and paratransit facilities would be within the station footprint, so these users would likely not be crossing at intersections near the station. The station and facilities within the footprint would be designed to standards that minimize the potential for conflicts among buses, nonmotorized users, and vehicles.

Impacts That Differentiate the Build Alternatives in the South Federal Way Segment

For the SF Enchanted Parkway and SF I-5 Alternatives, the roadside clear zones along the I-5 southbound mainline between S 344th Street and 70th Avenue E are directly adjacent to portions of both the SF Enchanted Parkway and SF I-5 alternatives. Some portions of the I-5 mainline would maintain clear zone standards established in the WSDOT Design Manual. In areas where minimum clear zone conditions cannot be maintained, barriers or impact attenuators would be provided to "shield" vehicles from roadside hazards. The I-5 clear zone safety analysis is further discussed in Appendix J1, Transportation Technical Report, and in Attachment C to Appendix J1.

For the SF 99-West and SF 99-East alternatives, columns alongside Pacific Highway would be set back from the roadway to provide adequate sight distance for vehicles turning out of connecting streets or driveways. Where the SF 99-East Alternative would be in the median of Pacific Highway, a median barrier would be constructed, which could increase crashes. However, left-turn movements would be restricted midblock and at intersections on this section of median guideway and may reduce some types of crashes on the corridor.

Impacts Common to All Build Alternatives in the Fife Segment

Under all Fife Segment build alternatives, safety elements of the transportation system would be similar to existing conditions, with crash types and locations consistent with those described in the Affected Environment section. Increased vehicle and nonmotorized activity around the station area could increase the potential for conflicts among different travel modes, specifically at intersections where local streets intersect the arterial street network.

If on-street bus stops were provided along 59th Avenue E, there could be additional nonmotorized users at the crossing of 59th Avenue E near the station. This crossing would be a marked crosswalk with lighting, and other pedestrian improvements to facilitate pedestrian movements across the street.

The Fife build alternatives could also include a multiuse path to be provided beneath the guideway between 54th Avenue E and the SR 167 Completion Project. If constructed, the Fife Multiuse Path would introduce nonmotorized crossings of several streets along this portion of the build alternatives, including 62nd Avenue E and 59th Avenue E. These new crossings could increase the potential for conflicts among nonmotorized users and vehicles. These crossings would be marked crosswalks with lighting, and other pedestrian improvements to facilitate crossings.

In the Fife Segment, roadside clear zones along the I-5 southbound mainline between 46th Avenue E to 20th Street E are directly adjacent to portions of all Fife build alternatives. Some portions of the I-5 mainline would maintain clear zone standards established in the WSDOT Design Manual. In areas where minimum clear zone conditions cannot be maintained, barriers or impact attenuators would be provided to “shield” vehicles from roadside hazards. The I-5 clear zone safety analysis is further discussed in Appendix J1, Transportation Technical Report, and in Attachment C to Appendix J1.

Impacts That Differentiate the Build Alternatives in the Fife Segment

The Fife Median Alternative would include a median along Pacific Highway E where the guideway support columns would be located. This would result in localized left-turn restrictions on Pacific Highway E as well as U-turn opportunities at intersections. Restrictions on left turns could result in minor reductions in crashes in this part of Pacific Highway E because there would be fewer locations where vehicles would be turning across traffic.

All columns and guideway infrastructure associated with the median would be designed to current standards for fixed objects, vertical and horizontal clearances, and other infrastructure-related safety elements and could result in more crashes in this part of Pacific Highway E because this adds new objects to the roadway system.

Impacts Common to All Build Alternatives in the Tacoma Segment

Some intersections along E Portland Avenue — including E Portland Avenue/E 25th Street (Tacoma Intersection #32), E Portland Avenue/E 26th Street (Tacoma Intersection #33), and E Portland Avenue/E 27th Street (Tacoma Intersection #34) — would experience increases in

traffic volumes and delay, which could result in increases in crashes along this corridor. The intersection of E Bay Street at the SR 167 access ramps (Tacoma Intersection #37) would also experience more congestion relative to other roadways in the study area. This congestion increase could result in a commensurate increase in crashes.

The Portland Avenue Span Option would include on-street bus stops; however, the potential for conflicts among buses, nonmotorized users, and vehicles would be lessened through the inclusion of station entrances on both sides of E Portland Avenue. This would likely result in a reduction of pedestrians crossing E Portland Avenue at grade to make transfers between modes.

Transfers between bus transit and light rail at any of the station locations near the Tacoma Dome would contribute to the pedestrian traffic near the stations. The bus transit facilities would be outside of the station footprints, which could result in the potential for conflicts among buses, nonmotorized users, and vehicles. Depending on the station alternative, additional at-grade nonmotorized crossings of the Sounder tracks could be introduced along East D Street. The Tacoma 25th Street-West, Tacoma Close to Sounder, and Tacoma 26th Street station alternatives would include a nonmotorized user bridge to allow grade-separated crossings of the Sounder tracks with a direct connection into the station mezzanine.

Impacts That Differentiate the Build Alternatives in the Tacoma Segment

The Preferred Tacoma 25th Street-West Station and the Tacoma 25th Street-East Station could include a nonmotorized-user bridge between the station mezzanine and the existing Tacoma Dome parking garage, which is being considered as part of the System Access Program and would undergo a separate environmental review. This would allow nonmotorized users to avoid the at-grade crossing of East G Street and improve pedestrian safety.

3.7.1.2 Construction Impacts

Impacts Common to All Build Alternatives in All Segments

With each of the TDLE build alternatives, traffic diversion caused by light rail guideway construction would lead to higher traffic volumes on detour streets. The higher traffic volumes could lead to a potential increase in collision frequency; however, crash rates should remain similar to existing conditions due to the limited volume diversion and length of closures. In locations where there is no physical change to the roadway, the types of crashes would also remain similar to existing conditions. Currently, most crashes in the study area are property damage only.

Impacts Common to All Build Alternatives in the Federal Way Segment

During construction there would be temporary impacts to the clear zone along southbound I-5 between S 324th Street and S 344th Street. A temporary construction barrier would be placed along the edge of I-5 southbound while the guideway is constructed for approximately 1 to 4 years. During that time, an increase in crashes could occur. Current I-5 travel lane and shoulder widths would be maintained during construction.

Impacts That Differentiate Build Alternatives in the South Federal Way Segment

The SF Enchanted Parkway and SF I-5 Alternatives would have temporary impacts to the clear zone along most of southbound I-5 through the study area. Where the light rail alignment is parallel to the I-5 mainline from approximately S 344th Street to Porter Way in the City of Milton, a temporary construction barrier would be placed near the southbound I-5 edge of pavement where barriers are not already present. This would provide separation of construction activity from traffic on I-5. This

temporary construction barrier would be present for the duration of guideway construction, approximately 1 to 4 years. During this period, an increase in crashes could occur. Most of these additional crashes would likely be property damage only, consistent with the crash history in the area. Current I-5 travel lane and shoulder widths would be maintained during construction.

The construction area for the SF 99-East Alternative would be alongside Pacific Highway northbound and in the middle of the roadway and would have temporary impacts to the roadway. Temporary construction barriers would be placed along the east side of Pacific Highway and on the perimeter of the construction zone in the center of the roadway from S 373rd Street to 70th Avenue E for approximately 1 to 2.5 years as the guideway is constructed. During this period, speeds would be reduced near construction areas and left-turn movements would be restricted where the guideway is being constructed in the median. Changes to access and lane closures may increase the number of crashes; however, there would likely be fewer crashes over this period, with fewer left-turn movements and lower speeds on Pacific Highway.

The SF 99-West Alternative would have temporary impacts along the west side of Pacific Highway from approximately S 356th Street to 70th Avenue E. This alternative would also require intermittent lane or roadway closures, and a temporary construction barrier would be placed along the pavement edge of Pacific Highway southbound as the guideway is constructed for approximately 1 to 2.5 years. During that period, changes to access and lane closures may increase the number of crashes, but reduced speeds through construction areas could reduce the number and severity of crashes.

Impacts Common to All Build Alternatives in the Fife Segment

Access modifications (such as right-in, right-out) and left-turn restrictions at intersections along Pacific Highway would occur in the construction areas for the Fife Pacific Highway and Fife Median Alternatives. This would eliminate some vehicle conflicts at these locations. Detour routes would change traffic circulation. This could lead to driver confusion and increase the potential for crashes. Strategic sequencing or construction phasing would minimize the potential safety impacts and would be addressed in a Maintenance of Traffic Plan.

During construction, there would be temporary impacts to the clear zone along southbound I-5 between 46th Avenue E to 20th Street E. Where the light rail alignment is parallel to the I-5 mainline, a temporary construction barrier would be placed near the southbound I-5 edge of pavement where barriers are not already present. This would provide separation of construction activity from traffic on I-5. This temporary construction barrier would be present for the duration of guideway construction. During this period, an increase in crashes could occur. Most of these additional crashes would likely be property damage only, consistent with the crash history in the area. Current I-5 travel lane and shoulder widths would be maintained during construction.

Impacts That Differentiate the Build Alternatives in the Fife Segment

The Fife I-5 Alternative would have the same potential impacts as described above for the Pacific Highway and Fife Median alternatives east of 51st Avenue E. Once the Fife I-5 Alternative crosses Pacific Highway just west of 51st Avenue E, the I-5 alignment would not create vehicle conflicts or necessitate detour routes. The Fife Pacific Highway Alternative and Fife Median Alternative would continue to have access and lane reduction impacts west of 51st Avenue E.

Impacts Common to All Build Alternatives in the Tacoma Segment

During construction of the guideway over Sounder/Amtrak tracks, closures may be necessary to ensure safety. This occurs at the Puyallup River crossing and where the guideway crosses the Sounder/Amtrak tracks near East M Street. Coordination with the Federal Railroad Administration and railway operations would be necessary for construction activities over and adjacent to railway tracks.

For safety, navigation would be restricted when construction activities occur directly over the Puyallup River. Activities that restrict navigation would be coordinated and approved in advance by the Puyallup Tribe of Indians, U.S. Coast Guard, and USACE. These activities are anticipated to last for short periods during only a portion of the day or night.

The area near the Tacoma Dome has high pedestrian volumes, especially before or after events at the Tacoma Dome and during the peak travel periods near the Tacoma Dome Station. Pedestrian detours that meet accessibility needs could be required to ensure pedestrian safety near construction zones.

3.7.1.3 Avoidance and Minimization Measures for Construction Impacts

Near I-5, potential avoidance and minimization measures for construction impacts include placing a temporary construction barrier near the southbound I-5 edge of pavement where barriers are not already present to separate construction activity from I-5 mainline traffic.

3.7.2 Potential Mitigation Measures

TDLE would have no permanent impacts on transportation safety that would require mitigation. The proposed measures outlined in the section describing mitigation measures for arterial and local streets (Section 3.5.2) would not adversely affect transportation safety in the study area.

3.8 Parking

This section documents the amount of public (on- and off-street) parking that would exist under the No-Build Alternative and how much would be removed by the build alternatives and assesses the potential for the station parking demand to exceed capacity. In areas where parking demand may exceed available supply at the stations, the potential for spillover to nearby on-street parking that surrounds the station areas is assessed. It also summarizes the amount of private (off-street) parking that would be removed with any of the build alternatives and summarizes impacts during construction, such as loss of on- and off-street parking and construction worker parking.

3.8.1 Environmental Impacts to Parking

3.8.1.1 Long-Term Impacts

Impacts of the No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). There is potential for some parking impacts to occur as a result of development and transportation projects included in the No-Build Alternative that are in the environmental and design process.

Impacts Common to All Build Alternatives in All Segments

All build alternatives would affect the availability of private, off-street parking for businesses and residents near the proposed alignments and stations. None of the build alternatives would remove public off-street parking, with the exception of both Federal Way alternatives, which would remove portions of the Federal Way/S 320th Street Park and Ride. Private parking spaces within properties that are expected to be entirely acquired by Sound Transit for an alternative are not considered in the analysis of the build alternatives because the corresponding demand for the parking spaces would also be removed. Private parking spaces that would be removed due to partial property acquisitions could reduce business activity in those locations. This could make the business nonconforming to city parking standards, and/or limit the type of business that could occupy the space based on the remaining number of parking spaces. If parking removal makes use of a property unviable, it was considered a full acquisition and was not included in the parking impacts assessment.

Public and private parking impacts from all build alternatives to partially acquired properties are shown below in Table 3-15.

Table 3-15 Parking Impacts by Build Alternative

Segment	Alternative	Removed Public (On- or Off-Street Spaces)	Removed Private Parking Spaces	Total Parking Removed
Federal Way	FW Enchanted Parkway Alternative	79	248	327
	FW Enchanted Parkway Alternative with Design Option	42	259	301
South Federal Way	SF Enchanted Parkway Alternative, including SF Enchanted Parkway Station	0	96	96
	SF I-5 Alternative, including SF I-5 Station	0	3	3
	SF 99-West Alternative, including SF 99-Enchanted Station	0	64	64
	SF 99-East Alternative, including SF 99-352nd Station	0	22	22
	SF 99-West Alternative, including SF 99-Enchanted Station with Porter Way Design Option	0	64	64
	SF 99-East Alternative, including SF 99-352nd Station with Porter Way Design Option	0	26	26
Fife	Fife Pacific Highway Alternative, including Fife Station	0	200	200
	Fife Pacific Highway Alternative with 54th Avenue Design Option	0	198	198
	Fife Pacific Highway Alternative with 54th Span Design Option	0	190	190
	Fife Median Alternative, including Fife Station	0	254	254
	Fife Median Alternative, including Fife 54th Avenue Station Option	0	252	252
	Fife Median Alternative, including Fife 54th Span Station Option	0	244	244
	Fife I-5 Alternative, including Fife Station	0	193	193
	Fife I-5 Alternative, including Fife 54th Avenue Station Option	0	191	191
	Fife I-5 Alternative, including Fife 54th Span Station Option	0	184	184

Table 3-15 Parking Impacts by Build Alternative (continued)

Segment	Alternative	Removed Public (On- or Off-Street Spaces)	Removed Private Parking Spaces	Total Parking Removed
Tacoma	Preferred Tacoma 25th Street-West Alternative, including Portland Avenue Station and 25th Street-West Station	166	3	169
	Tacoma 25th Street-East Alternative, including Portland Avenue Station and 25th Street-East Station	187	3	190
	Tacoma Close to Sounder Alternative, including Portland Avenue Station and Close to Sounder Station	40	0	40
	Tacoma 26th Street Alternative, including Portland Avenue Station and 26th Street Station	86	5	91

Source: TDLE Team estimated parking impacts based on the 10 percent design drawings.

Impacts Common to All Build Alternatives in the Federal Way Segment

The Preferred FW Enchanted Parkway Alternative would remove approximately 79 spaces at the Federal Way/S 320th Street Park and Ride and the FW Enchanted Parkway Alternative with the FW Design Option would remove 42 spaces. Current utilization of this 877-space park-and-ride is 11 percent, or 95 spaces. While future parking utilization of this park-and-ride lot could increase, the number of parking spaces remaining is more than the February 2020 current forecast usage. Any changes to the Federal Way/S 320th Street Park and Ride facility would be coordinated with WSDOT. The Preferred FW Enchanted Parkway Alternative and FW Design Option would have similar impacts to private parking, permanently removing approximately 248 to 259 spaces through the Federal Way Segment.

Impacts Common to All Build Alternatives in the South Federal Way Segment

There is very limited public parking in the South Federal Segment and no public spaces would be affected by any of the South Federal Way build alternatives.

Impacts That Differentiate the Build Alternatives in the South Federal Way Segment

The SF I-5 Alternative would have the fewest impacts to private parking, with the guideway primarily alongside I-5 southbound. The SF Enchanted Parkway Alternative would permanently remove the most parking spaces, with a total of 96 spaces removed, mostly along the west side of Enchanted Parkway.

The SF 99-East Alternative would permanently remove approximately 22 private parking spaces, most of which would be in the northern section of the segment near Enchanted Parkway. The SF 99-West Alternative would have more permanent impacts to private parking areas along the west side of Pacific Highway and would permanently remove approximately 64 private parking spaces.

Impacts Common to All Build Alternatives in the Fife Segment

Most of the parking loss associated with the Fife build alternatives would be from partial business acquisitions and would be similar among all build alternatives, ranging from 184 to 252 parking spaces. All of the design options would have similar impacts.

Impacts That Differentiate Build Alternatives in the Fife Segment

The Fife Pacific Highway Alternative would permanently remove an estimated 190 to 200 private parking spaces. The Fife I-5 Alternative is the only build alternative that would impact residential parking areas and would have a similar number of permanent parking impacts, removing an estimated 184 to 193 private parking spaces. The Fife Median Alternative would have the most potential parking impacts and would remove an estimated 244 to 254 private parking spaces.

Impacts That Differentiate the Build Alternatives in the Tacoma Segment

While all the build alternatives in Tacoma would displace some public on-street parking, the Preferred Tacoma 25th Street-West Alternative and the Tacoma 25th Street-East Alternative would remove approximately two to four times the number of parking spaces compared with the other build alternatives. The Preferred Tacoma 25th Street-West Alternative would remove an estimated 169 parking spaces, including 166 public on-street spaces. The Tacoma 25th Street-East Alternative would remove an estimated 190 parking spaces, including 187 public on-street spaces. Most of the displaced parking for the Preferred Tacoma 25th Street-West Alternative and the Tacoma 25th Street-East Alternative is anticipated to affect areas adjacent to primarily industrial and warehouse land uses on the north side of E 25th Street.

Station Area Parking

The two proposed light rail station facilities in South Federal Way and Fife would both include the construction of new park-and-ride facilities to accommodate the increase in demand. Each park-and-ride facility is proposed to have roughly 500 parking spaces. All of the stations would include short-term parking spaces for pickup/drop-off (including accessible spaces) and paratransit. Accessible spaces would be provided at each of the parking facilities at South Federal Way and Fife. Planned park-and-ride spaces at the stations in South Federal Way and Fife may be deferred for up to 3 years from the anticipated start of light rail service in 2035.

If none or fewer than 500 park-and-ride spaces were provided at South Federal Way and Fife until 2038, there would be some shift in mode of access to both stations to pickup/drop-off, walk/bike, and transit. In the 3 years between the start of TDLE service in 2035 and 2038 when parking would be complete, the stations in South Federal Way and Fife would be open with some or no parking available on the station site. During that period, there would be lower ridership at both stations, and there would be more demand for pickup/drop-off spaces. These changes to ridership and mode of access at South Federal Way and Fife would have a limited effect on ridership and access to the station by 2042, the build year for the TDLE project and model year for ridership forecasting.

No additional parking would be provided at either of the stations in the Tacoma Segment for the build condition. The Portland Avenue Station and Portland Avenue Span Station Option would serve only pickup/drop-off, nonmotorized, and transit transfers and would not have a dedicated park-and-ride facility. The existing Tacoma Dome Station already has more than 2,300 parking stalls and was close to 100 percent utilized in February 2020.

In each of the station areas, there is the potential for parking spillover onto private property or unrestricted on-street parking. There is no unrestricted on-street parking in either of the station areas in South Federal Way or Fife. In Federal Way and Fife, transit riders may choose to park in retail lots such as at Federal Way Crossings or the Emerald Queen Hotel and Casino, although these lots are intended only for retail and recreational patrons. Each of the stations in South Federal Way and Fife would include a 500-space parking facility, and spillover parking is expected to be minimal unless parking is deferred to 2038. If parking is deferred to 2038, there is a greater

chance of spillover parking effects at South Federal Way and Fife, with the potential for some riders to park in private lots nearby to access the station.

In Tacoma, the possibility of Sound Transit riders using unrestricted on-street parking exists in the residential area west of E Portland Avenue and at parking lots associated with the Emerald Queen Casino. Neither of the Portland Avenue Station alternatives provides park-and-ride facilities, only pickup/drop-off locations, so drivers may resort to parking on the street. Currently, on-street parking south of I-5 has no time restrictions and is less than 40 percent utilized, but parking controls could be considered to restrict TDLE users from parking in these areas. The newly constructed parking lots for the Emerald Queen Casino could also be used for TDLE patrons because the lot would be less than 0.25 mile from the proposed Portland Avenue Station location. It is anticipated that the Emerald Queen Casino and other private businesses would have parking controls in place to deter unauthorized use.

The possibility of TDLE patrons using unrestricted on-street parking could also exist in Tacoma near the potential stations near the Tacoma Dome. The existing Tacoma Dome Station parking garage is currently near capacity, with almost 100 percent of the stalls used daily for commuters and other station users. Off-street public parking near the Tacoma Dome is currently 45 percent occupied, so TDLE users could use these public off-street lots as needed. In addition, over 70 percent of the on-street public parking near the Tacoma Dome was utilized, but much of that is time-limited and would minimize TDLE patron use of public on-street in the station area.

Minimum Operable Segments and Interim Terminus

If TDLE is constructed in phases or M.O.S.s, the station in South Federal Way or Fife would be the interim terminus of the project. With an interim terminus at the station in South Federal Way or Fife, 500 parking spaces would be included at the station, but construction of these parking areas may be deferred until 2038. Since the parking facilities and number of parking stalls included with the stations would be the same as in the full-length TDLE alternatives, the potential impacts on parking in the station areas would be the same for either interim terminus.

3.8.1.2 Construction Impacts

Impacts Common to All Build Alternatives in All Segments

Construction worker parking would be provided within the construction area where possible and could also occur on local streets and arterials where parking is unrestricted. Construction worker parking near designated construction staging areas could affect the nearby parking supply during peak construction periods. Contractors would be responsible for providing parking for construction workers, where necessary, as part of the project requirements. Construction worker parking would be accommodated at the staging areas or designated areas provided by the contractor along the alignment.

There is limited to no on-street parking allowed along the entire length of Pacific Highway in the TDLE corridor. Available on-street parking exists in neighborhoods east and west of Pacific Highway in Federal Way and north and south of Pacific Highway in Fife and would not be affected by construction activity. All build alternatives would affect the parking spaces at and access to the Federal Way/S 320th Street Park and Ride.

Impacts Common to All Build Alternatives in the Federal Way Segment

There is minimal on-street parking along the length of both build alternatives in the Federal Way Segment. There are multiple surface parking lots along Enchanted Parkway, which would be impacted during construction. While some parking spaces would be impacted temporarily by construction of the guideway, most parking would remain intact or be replaced when construction is complete. The SF Enchanted Parkway Station would impact approximately 20 to 30 private business parking spaces in The Commons at Federal Way during construction, but most spaces would be replaced once construction of the guideway is complete.

Impacts That Differentiate Build Alternatives in the South Federal Way Segment

There is limited on-street parking in the South Federal Way Segment, but there are multiple surface parking lots along Enchanted Parkway and Pacific Highway that would be impacted temporarily by construction for each of the build alternatives. The SF I-5 Alternative is anticipated to have limited temporary parking impacts to three privately-owned parking spaces. Construction of the SF Enchanted Parkway Alternative would temporarily impact approximately 325 privately owned parking stalls. The SF 99-West and SF 99-East alternatives would have similar temporary impacts to private parking stalls, approximately 450 spaces with the SF 99-West Alternative and 415 spaces with the SF 99-East Alternative.

Apart from the SF I-5 Alternative, all other South Federal Way build alternatives would have temporary but longer-term impacts to parking spaces for construction staging in the Walmart parking lot northwest of the interchange between I-5 and SR 18 that are included in the total temporary parking impacts discussed above. The SF Enchanted Parkway Alternative would temporarily affect approximately 250 parking spaces in this lot for use in construction staging. Both the SF 99-East Alternative and SF 99-West Alternative would affect more parking spaces temporarily, with approximately 405 spaces that would not be accessible during construction. Some parking spaces in this lot would be removed permanently as part of the partial acquisitions discussed in Section 3.9.1.1.

Impacts Common to All Build Alternatives in the Fife Segment

There is limited on-street parking in the Fife segment, and no on-street parking is anticipated to be impacted by construction of the guideway, station, and associated features through this segment. All build alternatives in the Fife Segment would have temporary construction impacts to parking at private businesses along the corridor.

Impacts That Differentiate Build Alternatives in the Fife Segment

The Fife Median Alternative would have the fewest temporary parking impacts, with an estimated 290 spaces affected during construction. The Fife I-5 Alternative would have the greatest number of potential temporary parking impacts with approximately 375 to 410 parking stalls affected during construction. The Fife Pacific Highway Alternative would have a moderate number of temporary impacts compared to other Fife build alternatives, with an estimated 350 spaces affected by during construction.

The Fife I-5 Alternative would not impact any parking along Pacific Highway but would temporarily impact private storage parking for car dealerships along I-5 as well as rows of parking adjacent to the I-5 right-of-way for other businesses and residences. The Fife I-5 Alternative would temporarily impact approximately 405 parking stalls along the entire Fife Segment. The Fife Pacific Highway and Fife Median alternatives would have temporary impacts to parking spaces at businesses and some car dealership storage during construction on the south side of Pacific Highway.

Approximately 350 private parking spaces would be temporarily impacted for construction of the Fife Pacific Highway Alternative, and approximately 290 spaces would be temporarily impacted for construction of the Fife Median Alternative.

Impacts Common to All Build Alternatives in the Tacoma Segment

The Preferred Tacoma 25th Street-West, Tacoma 25th Street-East, and Tacoma Close to Sounder alternatives would impact regular operations of the Tacoma Dome Station garage due to column construction, possible pedestrian bridge connections, and operational improvements to integrate with the new TDLE station. It is possible some entrances could be closed, and some parking spaces removed during construction. All build alternatives in the Tacoma Segment would temporarily affect a similar number of public on-street parking spaces, with potential impacts to approximately 25 to 45 spaces during construction.

3.8.1.3 Avoidance and Minimization Measures for Construction Impacts

In South Federal Way and Tacoma, avoidance and minimization measures, including a public education campaign and/or signage, could be used to let transit users know when construction impacts would affect operations near or at the South Federal Way Park and Ride and at the Tacoma Dome Station Parking Garage.

3.8.2 Potential Mitigation Measures

Sound Transit would evaluate impacts from TDLE patrons using available public on-street and off-street parking near the stations near the Tacoma Dome and the Portland Avenue Station. Sound Transit would inventory public on-street and off-street parking within 0.25 mile around each station for up to 1 year before the start of light rail revenue service. These inventories would document the public on-street and off-street parking supply and utilization prior to the opening of TDLE for revenue service. Inventories would exclude spaces that would be permanently removed and any space still in use for construction staging. Within a year after opening, Sound Transit would again inventory supply and utilization to determine parking impacts within 0.25 mile of the stations. If impacts are determined after light rail operations begin, Sound Transit and the local jurisdiction would work with the affected stakeholders to identify and implement appropriate mitigation measures.

If parking is deferred from 2035 to 2038, spillover parking effects at the stations in Fife and South Federal Way would be more likely in the period that TDLE is in service because not all 500 spaces would be available at each of the stations. The Fife and South Federal Way segments have very limited public on-street parking. Spillover parking impacts are anticipated to primarily affect privately owned off-street lots. Sound Transit and the local jurisdiction would work with the affected stakeholders to identify and implement appropriate mitigation measures if necessary.

Parking control measures could consist of parking meters, restricted parking signage, passenger and truck load zones, time-limited parking, and residential parking zone permitting systems. Additional parking mitigation strategies could include promotion of other transit and transportation services (e.g., encourage the use of buses, vanpool or carpool services, walking, or bicycle riding). For parking controls agreed to with the local jurisdiction and community, Sound Transit would be responsible for the cost of installing the signage or other parking controls and any expansion of the parking controls for 1 year after opening the light rail system. The local jurisdiction would be responsible for monitoring the parking controls and providing all enforcement and maintenance of the parking controls, including ongoing residential parking zone-related costs. Off-street private lot owners would be responsible for monitoring and preventing potential TDLE patron parking within their own lots.

For acquired off-street parking resulting from partial property acquisitions Sound Transit would provide private business owners with fair market value of the acquired spaces.

3.9 Navigation

This section describes how TDLE could affect navigable waterways during project operation and construction.

3.9.1 Environmental Impacts to Navigation

3.9.1.1 Long-Term Impacts

No-Build Alternative

The navigable waterways and usage would be expected to be similar to existing conditions on the Puyallup River and Thea Foss Waterway as described in Section 3.2.8 of the Affected Environment.

Impacts Common to All Build Alternatives in All Segments

The operation of the TDLE project would not affect navigation on the Puyallup River or Thea Foss Waterway.

The Puyallup River crossing could include columns within the ordinary high-water mark depending on the bridge type. Any in-water bridge columns would be outside of the navigation channel and would maintain navigability by recreational and small craft. However, an in-water column may change vessel movement outside of the navigation channel. The bridge height would be the same height or higher than the existing I-5 bridge and higher than the downstream Milwaukee Railroad Puyallup River Bridge; therefore, it would not reduce the existing vertical clearance. The Thea Foss Waterway north of the station alternatives near the Tacoma Dome would not be impacted.

3.9.1.2 Construction Impacts

Construction of the bridge over the Puyallup River could affect navigability and restrict boating in a portion of the river for short periods of time for both the long-span or pier-supported bridge option. For safety, navigation channels would be restricted around active construction areas, but would remain open.

Any in-water work in the Puyallup River would be subject to work window restrictions to protect Endangered Species Act-listed fish, as well as timing restrictions for Tribal fishing and ceremonial activities. The exact windows and associated activity restrictions would be determined during the permitting process with the Puyallup Tribe of Indians, USFWS, NMFS, U.S. Coast Guard, and USACE. The pier-supported bridge would require the placement of construction equipment and construction areas within the Puyallup River to allow construction of the support piers. This would result in navigation restrictions on the Puyallup River while barges are present, equipment is set, and piers are constructed. There could also be periods of time when navigation would be restricted to allow for the placement of cofferdams or temporary shoring systems. These conditions could occur for up to 3 years, and there would be adequate space maintained to allow watercraft to navigate around construction areas. The construction of the piers would occur in-line with the piers for I-5, so the area where navigability would be restricted would be similar to existing conditions.

The long-span bridge could also have periods of time when navigation close to the shore would be restricted to allow for the placement of cofferdams or temporary shoring systems for construction of supporting piers that are located on or near the Puyallup River levees. The placement of columns would be further defined as the conceptual design develops.

All required permits and approvals would be acquired prior to construction of either bridge option over the Puyallup River.

3.9.1.3 Avoidance and Minimization Measures for Construction Impacts

During construction, Sound Transit would minimize impacts on the navigability of the Puyallup River by minimizing work within the waterway. If barges are required during in-water construction for the pier-supported bridge option or other bridge structure types, Sound Transit would coordinate with the Puyallup Tribe of Indians, the U.S. Coast Guard, and others to minimize impacts and allow passage of boat traffic.

Sound Transit would also consult with and work with the Puyallup Tribe of Indians on necessary agreements for any in-water work. Such agreements could include measures to avoid and minimize impacts to Treaty Fishing Activities, such as construction timing restrictions, in-water and over-water work notifications, coordination on construction debris removal, reimbursement for lost fishing time, and would also identify mitigation for unavoidable impacts.

3.9.2 Potential Mitigation Measures

During TDLE operation, no mitigation of impacts on navigable waterways would be required for the long-span bridge because it would maintain navigability for waterway users. For the pier-supported bridge, the construction footprint would be minimized, and the new piers would be aligned with the existing I-5 piers as much as possible. Restrictions on navigation during construction of the pier-supported bridge would be scheduled outside of peak navigation periods to the extent possible, and consistent with mitigation described in Section 4.9, Ecosystems Resources.

3.10 Indirect Impacts

This section describes the indirect transportation impacts, those that occur later in time or farther removed in distance, during project operation and construction.

3.10.1 Regional Travel

TDLE would provide reliable light rail service between Tacoma and many of the region’s urban centers. Light rail service could help to facilitate potential increases in residential and employment uses around project stations. This could lead to corresponding changes in regional travel patterns as both trips to and from these areas potentially increase for all travel modes, thus affecting transit, traffic volumes, parking demand, and nonmotorized users. It would also provide additional transit connections to long distance transportation services, including Amtrak Cascades.

3.10.2 Transit Service and Operations

In addition to the planned changes to local and commuter bus service assumed for TDLE, Metro, Pierce Transit, and Sound Transit could make additional changes in response to the project. These could include redeploying and/or reinvesting in bus service that is replaced by the TDLE light rail service. TDLE may also provide improved access to the Amtrak Station near the Tacoma Dome, improving ridership on the Amtrak Cascades route. Some bus riders could be affected if there are

additional changes to the bus system beyond the previously identified bus integration plans to support new connections with the light rail system.

Light rail could facilitate TOD surrounding the TDLE stations, which was assumed in the Sound Transit and PSRC travel demand models. However, the mode of access to and from stations may shift to a greater percentage of nonmotorized access or transit transfers and lower percentage of automobile access as the population and employment densities increase within station area walksheds and bikesheds. Any development beyond the PSRC's adopted population and employment land use forecasts for 2042 could require further regional and local planning and policy decisions. This could result in overall ridership increases in the TDLE corridor.

3.10.3 Arterial and Local Street Operations

Increased automobile and bus transit trips both to and from the station areas could result from potential increases in land use and development density around the light rail stations in the corridor. This increase in traffic could cause additional impacts on the arterials and local street operations near stations. Conversely, increased development along the light rail corridor could also result in shifts from automobile trips to other travel modes such as transit, bicycle, and pedestrian trips.

The potential direct impacts identified in the previous sections of Chapter 3 are consistent with the cities of Federal Way, Milton, Fife, and Tacoma and regional comprehensive planning, which promotes higher-density, mixed-use development around transit services. Larger developments in and around TDLE station areas would be subject to a separate environmental review process to determine project-level impacts.

3.10.4 Freight Mobility and Access

Increases in traffic accessing station areas could cause additional impacts on the arterials and local street operations farther from stations along roadways that provide station access for local traffic, which could affect freight mobility and access. Any impacts on freight would be similar to those for automobiles.

3.10.5 Nonmotorized Access

Higher-density residential and commercial development around station areas could increase light rail ridership and nonmotorized trips, including additional pedestrian and bicycle trips. These nonmotorized trips could travel along older streets that lack ADA accessibility but could encourage improvements to these facilities by local jurisdictions as increased usage becomes evident.

3.10.6 Safety

The potential for increases in residential and employment uses around the light rail stations could lead to an increase in motorized and nonmotorized activity and further conflicts among all travel modes (automobile, transit, and nonmotorized).

3.10.7 Parking

The potential for increased land use and development density around station areas in the TDLE corridor could increase the demand for parking in these areas. Local transit improvements by others on routes connecting to TDLE stations could increase the potential for some TDLE users to park along feeder bus routes. There could be reduced demand at park-and-rides on parallel corridors from riders shifting to the light rail service.

3.10.8 Navigation

No indirect impacts on navigable waterways are expected.

3.10.9 Mitigation for Indirect Impacts

No mitigation for indirect impacts is needed.

4 AFFECTED ENVIRONMENT AND ENVIRONMENTAL CONSEQUENCES

This chapter of the Draft EIS discusses the affected environment and environmental consequences for the following resources for the Build and No-Build alternatives:

- Acquisitions, Displacements, and Relocations.
- Land Use.
- Economics.
- Environmental Justice, Social Resources, Community Facilities, and Neighborhoods.
- Visual and Aesthetic Resources.
- Air Quality.
- Noise and Vibration.
- Water Resources.
- Ecosystems.
- Energy.
- Geology and Soils.
- Hazardous Materials.
- Electromagnetic Fields.
- Public Services, Safety, and Security.
- Utilities.
- Historic and Archaeological Resources.
- Parks and Recreational Resources.
- Section 4(f) Evaluation Summary.

Types of Impacts

A **long-term impact**, sometimes referred to as an operational impact, is a direct impact that causes a permanent change or occurs during the operation of the system after construction.

A **construction impact** is a direct short-term impact caused by things like building a retaining wall, a detour, or pile-driving. Short-term impacts only occur during construction.

An **indirect impact** is caused by a proposed action or alternative and occurs later in time or is farther removed in distance but still reasonably foreseeable (40 CFR 1508.1(g)(2)).

Each section introduces the resource and regulatory requirements and then describes the following for the Tacoma Dome Link Extension:

- Affected environment, including the study area for the resource.
- Long-term, construction, and indirect impacts of each alternative.
- Potential mitigation measures for unavoidable impacts.

National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) regulations require that EISs disclose direct and indirect impacts (i.e., effects) of a proposed action on the environment.[1] Direct impacts are caused by the action and occur at the same time and place. Indirect impacts (sometimes called “secondary impacts”) are caused by the action but are later in time or farther removed in distance. Examples include changes in land use patterns and related effects on air quality. Impacts can be either temporary (short-term), such as construction impacts, or permanent (long-term), such as property displacements or impacts due to light rail operations. Cumulative impacts, which could result from the project’s incremental

[1] Because the NEPA process for TDLE began before July 1, 2024, the environmental analysis for TDLE does not apply the implementing regulations adopted through Phase 2: Final Rule, 40 CFR Sections 1500 et seq, May 1, 2024 (40 CFR 1506.12).

impact when added to those of other past, present, and reasonably foreseeable future actions, are discussed in Chapter 5, Cumulative Impacts.

As described in Chapter 2, the OMF South project includes the same 1.4-mile portion of guideway from the Federal Way Downtown Station to S 344th Street as the alternatives in the TDLE Federal Way Segment. Project development and environmental review for the OMF South and TDLE projects began concurrently; however, OMF South recently completed environmental review. In June 2024 FTA and Sound Transit issued the OMF South Final EIS and the Sound Transit Board selected to build the Preferred South 336th Street Alternative. FTA issued the OMF South Record of Decision in August 2024. Based on the Sound Transit Board action, the 1.4-mile portion of guideway is planned to be constructed as part of the OMF South project. Due to the timing of the OMF South Board action in relation to the writing of this TDLE Draft EIS, construction impacts for this portion of track are included in the TDLE Draft EIS.

4.1 Acquisitions, Displacements, and Relocations

4.1.1 Introduction to Resource and Regulatory Requirements

This section describes the property that would potentially be affected by construction and operation of TDLE, and the residences, businesses, and public uses that would be displaced and relocated due to the property acquisitions.

All TDLE alternatives would require the permanent and temporary acquisition of public and private property for the track and station right-of-way, as well as transit integration, road realignment, construction staging, and mitigation. There are two types of potential permanent property acquisitions:

- **Partial acquisition** – A portion of a parcel would be permanently acquired, but the current use would likely not be displaced. In some instances, such as larger parcels that hold multiple uses, a business or residential unit on a parcel could be displaced while other uses remain.
- **Full acquisition** – The entire parcel would be permanently acquired, and all current uses would be displaced. In some instances, full acquisitions include parcels that may not be needed for the project but would be affected to the extent that current uses would be substantially impacted.

At the current level of design, potential partial and full permanent acquisitions for the Draft EIS alternatives are identified as affected properties. The property and displacement data presented in this analysis are based on the conceptual design plans developed by Sound Transit for the Draft EIS (see Appendix F, Conceptual Design Drawings) and would be updated as the project design is refined for the Final EIS. The information on affected parcels, such as businesses and other uses, is based on available information at the time of this analysis and could change as the project design is further developed. Final determination of affected properties, including whether the acquisition would be partial or full, would be based on the project's final design following completion of the EIS process and the Sound Transit Board's selection of the project to build. Property acquisitions described here are intended to be used for comparison across alternatives and are not final determinations.

Property acquisitions are guided by federal and state regulations, Sound Transit procedures comply with the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (as amended) and Washington State's relocation and property acquisitions

requirements. Any land acquired for the project that is not needed after construction would be sold or transferred by Sound Transit, consistent with agency policies.

In addition to the potential property acquisitions described in this section, the project would also require temporary construction easements, permanent aerial easements, permanent easements for maintenance, and the permanent use of rights-of-way owned by WSDOT and local jurisdictions. The area of these easements is not included in the data presented in this section. Wherever possible, construction staging would occur on parcels needed for the project's alignment, station, or right-of-way. Appendix F, Conceptual Design Plans, identifies the preliminary construction limits for the project. These areas identified for temporary construction uses may change as the project is refined, which could require an environmental reevaluation under 23 CFR 771.129.

In accordance with 23 CFR 810 Part C, Making Highway Right-of-Way Available for Mass Transit Projects, Sound Transit must apply to WSDOT to use the right-of-way on I-5. Following an acceptance of Sound Transit's application, WSDOT would request authorization from FHWA to make the right-of-way available for the project. Acceptance by FHWA would be dependent on Sound Transit providing evidence that the use of the right-of-way for the project would not impair future highway improvements or the safety of highway users.

Additional impacts associated with acquisitions and displacements are discussed in Section 4.2, Land Use; Section 4.3, Economics; Section 4.4, Environmental Justice, Social Resources, Community Facilities, and Neighborhoods; Section 4.14, Public Services, Safety, and Security; Section 4.16, Historic and Archaeological Resources; Section 4.17, Parks and Recreational Resources; Section 4.18, Section 4(f) Evaluation, and Appendix C, Environmental Justice.

4.1.2 Affected Environment

The study area for the acquisitions, displacements, and relocations analysis includes the parcels that are within the areas where the light rail alignments, stations, related facilities, and construction staging areas require a right-of-way. This area extends from the terminus of the Federal Way Link Extension south through Federal Way, Milton, unincorporated Pierce County, Fife, and Tacoma until reaching the TDLE terminus near the Tacoma Dome. The project would cross ancestral and reservation lands of the Puyallup Tribe of Indians. All TDLE alternatives would include a bridge over the Puyallup River.

The project corridor is almost entirely developed and contains residential, commercial, industrial, and public rights-of-way properties. The Federal Way Segment contains primarily low-density residential and commercial properties. The South Federal Way Segment contains low-density residential and commercial properties, two cemeteries, and industrial uses. In addition, along Pacific Highway (SR 99) in this segment, there are some undeveloped natural areas. Both the Fife and Tacoma segments are developed almost entirely for commercial and industrial use, with smaller amounts of residential properties or public land. Developed land in the Tacoma Segment also includes the Operations and Maintenance Facility on E 25th Street that serves the existing Tacoma Link alignment and extension to Hilltop.

4.1.3 Environmental Impacts

Table 4.1-1 presents the estimated number of affected parcels and displacements for each alternative. Appendix H1, Potentially Affected Parcels, includes maps identifying potentially affected properties by alternative.

Table 4.1-1 Summary of Potential Properties Affected and Displacements by Alternative[1]

Alternative	Number of Potential Properties Affected[2]	Number of Businesses Displaced	Number of Residential Units Displaced[3]
Federal Way Segment			
Preferred FW Enchanted Parkway	7	0	77
Preferred FW Enchanted Parkway with Design Option	7	0	102
South Federal Way Segment			
SF Enchanted Parkway[4]	47	14	40[5]
SF I-5	43	7	3
SF 99-West	91	25	17
SF 99-West with Porter Way Design Option	89	23	17
SF 99-East	88	25	2
SF 99-East with Porter Way Design Option	81	24	2
Fife Segment			
Fife Pacific Highway	66	38	3
Fife Pacific Highway with 54th Avenue Design Option	69	50	3
Fife Pacific Highway with 54th Span Design Option	69	54	3
Fife Median	66	12	3
Fife Median with 54th Avenue Design Option	69	24	3
Fife Median with 54th Span Design Option	69	28	3
Fife I-5	56	17	3
Fife I-5 with 54th Avenue Design Option	54	34	3
Fife I-5 with 54th Span Design Option	56	40	3
Tacoma Segment			
Preferred Tacoma 25th Street-West	35	9	0
Tacoma 25th Street-East	31	9	0
Tacoma Close to Sounder	34	43	0
Tacoma 26th Street	51	13	0
Total Range	**135 – 218**	**28 – 122**	**82 - 145**

Source: King County and Pierce County GIS and Assessors (2020), Parametrix windshield survey (2020).

Notes:

(1) The estimates of displacements presented in this section are based on land uses, business, and dwelling counts sourced from King and Pierce County Assessor data as well as high-resolution aerial photo review and on-site surveys.

(2) Includes all potentially affected properties (full and partial acquisitions).

(3) Residential units include single-family houses or mobile homes as well as individual units within an apartment building or condominium building.

(4) Potential properties affected and displacements are the same with the SF 352nd Span Station Option.

(5) A former hotel is being converted into an 84-unit emergency shelter. As of spring 2024, an opening date has not been identified. These units are not counted in the long-term residential units displaced but are discussed separately in Section 4.1.3.2.

If construction of TDLE parking facilities at both of the South Federal Way and Fife stations is deferred up to 3 years after light rail service begins, the areas may be temporarily surrounded by fencing, used for surface parking, or other measures identified in coordination with the local jurisdiction.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the station in Fife would require fewer acquisitions than what would be required for the full project extent to Tacoma. The two M.O.S. options would not change the number of affected parcels around the station areas.

4.1.3.1 No-Build Alternative

The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).

For the OMF South project, the Sound Transit Board selected the Preferred South 336th Street Alternative as the project to be built, and FTA issued a ROD in summer 2024. Property acquisition and displacements in the Federal Way Segment are planned to occur between the Federal Way Downtown Station and the OMF South site as part of the OMF South project.

With the No-Build Alternative, no displacements and relocations associated with TDLE would occur.

4.1.3.2 Long-Term Impacts for the Build Alternatives

The following sections describe potential permanently affected properties for each build alternative. Table 4.1-2 presents the potentially affected parcels and displacements by land use for each build alternative.

Federal Way Segment

The Federal Way Segment would require the acquisition of seven private properties and transportation right-of-way to accommodate guideways and stormwater facilities. Properties affected in this segment include single- and multi-family residential as well as commercial and industrial properties, vacant land, and the Federal Way/S 320th Street Park-and-Ride lot.

Potential residential displacements (approximately 77 units) for the Preferred FW Enchanted Parkway Alternative would occur at the Belmor Mobile Home Park (Belmor), which is a manufactured home community, golf course, and restaurant located near The Commons at Federal Way.

The Preferred FW Enchanted Parkway Alternative with the Design Option would impact the same properties and would displace additional units within Belmor (approximately 102 units total).

While both alternatives would affect a portion of one commercial and industrial property and one public and institutional property, neither alternative would result in business displacements. For a comparison of affected properties and displacements in the Federal Way Segment, see Table 4.1-2.

Table 4.1-2 Number of Potential Permanently Affected Parcels and Displacements by Alternative and Land Use

Alternative	Single-Family	Multi-Family	Commercial and Industrial	Public and Institutional	Vacant	Total Number of Potential Properties Affected[1]	Business Displacements	Residential Displacements[2]
Federal Way Segment								
Preferred FW Enchanted Parkway	0	2	1	1	3	**7**	0	77
Preferred FW Enchanted Parkway with Design Option	0	1	1	1	4	**7**	0	102
South Federal Way Segment								
SF Enchanted Parkway	5	1	26	1	14	**47**	14	40[3]
SF I-5	5	1	21	1	15	**43**	7	3
SF 99-West	7	4	41	5	34	**91**	25	17
SF 99-West with Porter Way Design Option	9	3	42	3	32	**89**	23	17
SF 99-East	11	1	34	7	35	**88**	25	2
SF 99-East with Porter Way Design Option	10	0	34	3	34	**81**	24	2
Fife Segment								
Fife Pacific Highway	2	0	49	3	12	**66**	38	3
Fife Pacific Highway with 54th Avenue Design Option	2	0	53	4	10	**69**	50	3
Fife Pacific Highway with 54th Span Design Option	2	0	53	4	10	**69**	54	3
Fife Median	2	0	49	3	12	**66**	12	3
Fife Median with 54th Avenue Design Option	2	0	53	4	10	**69**	24	3
Fife Median with 54th Span Design Option	2	0	53	4	10	**69**	28	3
Fife I-5	1	1	38	3	13	**56**	17	3
Fife I-5 with 54th Avenue Design Option	1	1	38	4	10	**54**	34	3
Fife I-5 with 54th Span Design Option	1	1	40	4	10	**56**	40	3
Tacoma Segment								
Preferred Tacoma 25th Street-West	0	0	29	1	5	**35**	9	0
Tacoma 25th Street-East	0	0	24	2	5	**31**	9	0
Tacoma Close to Sounder	0	0	26	1	7	**34**	43	0
Tacoma 26th Street	0	0	36	5	10	**51**	13	0

Sources: King County and Pierce County GIS and Assessors (2020).

Notes:

(1) Includes all potentially affected properties (full and partial acquisitions).

(2) Residential displacements represent a count of the single-family and multi-family dwelling units displaced as part of the project.

(3) A former hotel is being converted into an 84-unit emergency shelter. As of July 2024, an opening date has not been identified. These units are not counted in the long-term residential units displaced but are discussed separately in Section 4.1.3.2.

South Federal Way Segment

The South Federal Way Segment would require the acquisition of between 43 and 91 private properties, city-owned properties, and transportation right-of-way as well as an executed Intergovernmental Agreement with the Puyallup Tribe of Indians for renewable, long-term easements. The easements would be on land that is owned by the Puyallup Tribe of Indians or land that the United States government holds in trust on behalf of the Puyallup Tribe of Indians.

All of the South Federal Way alternatives would affect residential, commercial, industrial, public, and vacant properties. The SF 99-West and SF 99-East alternatives, with or without the Porter Way Design Option, would affect more properties (approximately 33 to 48) and businesses (approximately 9 to 18) than the other alternatives Fewer properties would be affected by the SF Enchanted Parkway Alternative and SF I-5 Alternative because these alternatives would be developed within WSDOT right-of-way adjacent to I-5 for much of the segment, compared to the more densely built environment and narrower right-of-way along Pacific Highway.

The SF 99-West and SF 99-East alternatives would displace the most businesses (approximately 23 to 25), requiring nearly twice the business displacements as the SF Enchanted Parkway and more than three times as many business displacements as the SF I-5 Alternative. Most business displacements for all South Federal Way alternatives in King County would be for the station in Federal Way. Business impacts associated with the station in Federal Way would be identical for the SF Enchanted Parkway and SF 99-West alternatives, with displacements occurring for retail businesses and Heidelberg Materials (a ready-mix concrete supplier) along the west side of Enchanted Parkway between S 348th Street and S 352nd Street. The SF 99-East Alternative would displace the same businesses as the SF 99-West Alternative along this stretch of the alignment but would also displace several industrial businesses along the south side of S 352nd Street between Enchanted Parkway and Pacific Highway. The SF I-5 Alternative would avoid business displacements along Enchanted Parkway north of S 356th Street but would displace the Jet Chevrolet Car Dealership and several retail businesses for the station south of S 356th Street.

From S 356th Street to the southern end of the South Federal Way Segment, the SF 99-West Alternative would displace 14 businesses and 15 residences, and the SF 99-East Alternative would displace 12 businesses and 2 residences. Business displacement along Pacific Highway for the SF 99-West and SF 99-East alternatives would include retail and industrial uses, and the residential displacements would include single-family homes for both alternatives, as well as a mobile home park for the SF 99-West Alternative. From the Pierce County line to the segment's southern terminus, the SF 99-West Alternative would displace two additional businesses, and the SF 99-East Alternative would displace one additional business compared to the Porter Way Design Option. The SF Enchanted Parkway and SF I-5 alternatives would displace comparatively fewer businesses between the South Federal Way Station and Porter Way because of its location within the I-5 right-of-way. The SF 99-West and SF 99-East alternatives (with or without the Porter Way Design Option) would displace several billboards, Daffodil Storage, and a commercial building on Porter Way, while the SF Enchanted Parkway and SF I-5 alternatives would avoid these impacts. South of Porter Way, all of the South Federal Way alternatives would displace approximately two businesses (on five parcels) with retail, office, and industrial uses along the east side of Pacific Highway.

Looking at the entirety of the South Federal Way Segment, the SF Enchanted Parkway Alternative would have the most residential displacements (approximately 40), followed by the SF 99-West Alternative (approximately 17). The higher number of residential displacements associated with the SF Enchanted Parkway Alternative can be attributed to potential impacts at

the CrossPoint Apartments. The residential displacements associated with the SF 99-West Alternative (with or without the Porter Way Design Option) would be primarily in two adjoining mobile home and RV communities along the west side of Pacific Highway. For a comparison of affected properties and displacements in the South Federal Way Segment, see Table 4.1-2.

In addition to the affected properties described above, the SF Enchanted Parkway Alternative would fully acquire a former hotel near the corner of S 348th Street and 16th Avenue S. This property was purchased by King County in 2021 and is transitioning to an 84-bed emergency shelter. The opening date for the emergency shelter has not been established. For additional information on affordable housing, see Section 4.4, Environmental Justice, Social Resources, Community Facilities, and Neighborhoods. For additional information on impacts to public services, see Section 4.14, Public Services.

Fife Segment

The Fife Pacific Highway and Fife Median alternatives would affect the most properties (approximately 66), and the Fife Pacific Highway Alternative would displace the most businesses (approximately 38). The roadway modifications and guideway of the Fife Pacific Highway Alternative would encroach into the parking lot and buildings within the Fife Business Park and into the parcels along the south side of Pacific Highway, which could require displacing several retail complexes, including the Pick-Quick Drive In on the corner of Pacific Highway and Alexander Avenue E. The Fife Pacific Highway Alternative would avoid the displacement of car dealerships, but their associated parking lots along Pacific Highway would be reduced.

Between Willow Road E and Alexander Avenue E, the Fife Median Alternative would affect the same nine properties as the Fife Pacific Highway Alternative but would displace 26 fewer businesses on the south side of Pacific Highway. West of Alexander Avenue E, the Fife Median and Fife Pacific Highway alternatives would have identical impacts to properties, businesses, and residents, including the same reduction to car dealership parking lots along Pacific Highway.

All three alternatives require using approximately 750 feet of the Puyallup Tribal Integrative Medicine Center property frontage, owned by the Puyallup Tribe of Indians; however, the facility would not be displaced. A long-term agreement for renewable easements from the Puyallup Tribe of Indians would be needed. All three build alternatives would also permanently impact the north and south portions of the former Cappa property, which encompasses multiple parcels. The title to this property was transferred to the City to become park space in perpetuity. The alternatives would not preclude its use as a future park or recreational facility.

Three residential displacements would be anticipated for all alternatives in the Fife Segment. One of the residential displacements is a priest's residence associated with St. Paul Chong Hasang Church. The Fife I-5 Alternative would also affect a portion of the Chateau Rainier Apartments parking lot, an affordable housing complex managed by the Pierce County Housing Authority; however, no residential displacements would occur.

All three alternatives would require acquisition of the parcel located at 1327 52nd Avenue E. With FTA's approval, Sound Transit is acquiring this parcel as a protective acquisition under 23 CFR 771.118(d)(3)(ii) prior to the TDLE ROD. The purpose of a protective acquisition is to prevent imminent development of a parcel that may be needed for a proposed transportation corridor or site. A protective acquisition does not limit the evaluation of alternatives required under the NEPA process. No development on the parcels would occur until after FTA issues a ROD.

All three alternatives in the Fife Segment could include the 54th Avenue Design Option or the 54th Span Design Option. The Fife Pacific Highway and Fife Median alternatives with the 54th Avenue Design Option would potentially affect three additional properties. The Fife I-5 Alternative with 54th Avenue Design Option would potentially affect two fewer properties. With the 54th Avenue Design Option, impacts would shift from the industrial properties between 59th Avenue Court E and 54th Avenue E to the industrial and commercial properties west of 54th Avenue E, increasing business displacements by approximately 12 to 17 for each alternative. These additional business displacements would include full acquisition of the Fife Square Shopping Center and the Les Schwab facility on the west side of 54th Avenue E as well as several office and medical uses along 12th Street E. The 54th Avenue Design Option would result in the same residential displacements as each alternative without the option.

The Fife Pacific Highway and Fife Median alternatives with the 54th Span Design Option would potentially affect three additional properties. The 54th Span Design Option would require acquisition of the Fife Square Shopping Center and Les Schwab facility on 54th Avenue E, like the 54th Avenue Design Option, but could also require displacement of the Pape Material Handling Yard and a construction business east of 54th Avenue E. For all Fife alternatives, the 54th Span Design Option would have approximately 16 to 23 additional business impacts. For a comparison of affected properties and displacements in the Fife Segment, see Table 4.1-2.

Tacoma Segment

The Tacoma Segment would require the acquisition of private and public properties and transportation right-of-way to accommodate the guideway, two stations, bus transit facilities, and street or highway adjustments. Properties affected through this segment include industrial and commercial uses as well as public and vacant land. No residential properties would be affected by any of the Tacoma Segment alternatives. The Tacoma 26th Street Alternative would potentially affect more properties (approximately 51 total) than the other alternatives but impact fewer business than the Tacoma Close to Sounder Alternative, which would result in the highest number of business displacements (approximately 43 total) in Tacoma.

From the Puyallup River bridge to the station area at Portland Avenue, all alternatives and options would impact the same properties (approximately 10) and displace the same retail and industrial businesses (approximately 6). For all alternatives, an optional Portland Avenue bike and pedestrian bridge is being considered that would connect the Portland Avenue Station or the Portland Avenue Span Station Option to the neighborhoods and Puyallup Tribe of Indians facilities on the south side of I-5. This optional bridge would cross above I-5 and improve nonmotorized access and safety between the station and areas to the south. There are two options for the bike and pedestrian bridge. From the station area, the west option could extend south along E Portland Avenue to E 30th Street, and the east option could extend south to near E 29th Street and East R Street. Both options would require a permanent airspace easement over I-5 and an Intergovernmental Agreement with the Puyallup Tribe of Indians for renewable, long-term easements on approximately four to eight parcels owned by the Tribe, beyond those that have been identified for TDLE in this Draft EIS. This bridge is not currently funded as part of TDLE.

West of the Portland Avenue station area, impacts for each alternative would differ, with the Tacoma 26th Street Alternative impacting the largest number of properties (approximately 41 west of East N Street) and the Tacoma Close to Sounder Alternative displacing the most businesses (approximately 37 west of East N Street). Between the stations area at Portland Avenue to the TDLE terminus, the Tacoma 25th Street-East Alternative would impact four fewer properties but the same three business displacements as the Preferred Tacoma 25th Street

West-Alternative. Both of the alternatives on E 25th Street would acquire properties for a bus layover facility, but only the Tacoma 25th Street-East Alternative would require relocating the power substation along E 26th Street. For this same stretch, the Tacoma 26th Street Alternative would result in approximately seven retail and industrial business displacements along E 26th Street for guideway and station development. The Tacoma Close to Sounder Alternative would impact fewer properties than the Tacoma 26th Street Alternative from the Portland Avenue Station to the terminus but would result in considerably more business displacements than the other Tacoma alternatives to accommodate the station. Development of the Tacoma Close to Sounder station would likely require full acquisition of Freighthouse Square, displacing the small retail and office tenants. Displacements associated with Freighthouse Square (approximately 29) account for most of the 43 total business displacements for this alternative. Additional impacts from Tacoma Close to Sounder Station could include demolishing and rebuilding the existing Sounder concourse and Amtrak station.

Table 4.1-2 compares the affected properties and business displacements for the Tacoma Segment. The majority of the Tacoma Close to Sounder business displacements would occur within Freighthouse Square, whereas business displacements for other alternatives are more dispersed and generally related to bus layover facilities and not the track. No residential properties would be displaced by any of the alternatives in the Tacoma Segment.

4.1.3.3 Construction Impacts for the Build Alternatives

Construction of TDLE would require property for construction staging, construction access, and temporary construction easements in each segment. Most of these construction needs would be accommodated within property required for permanent right-of-way. Construction activities would also require temporary easements from adjacent properties. Following construction, these easement areas would be restored to preconstruction conditions or better. For the Draft EIS analysis, the construction footprint includes the staging areas and areas needed for constructing facilities such as traction power substations, stormwater facilities, and utility relocations (shown in Appendix F, Conceptual Design Drawings). The construction footprint will be refined for the Final EIS.

TDLE parking facilities would be constructed on properties that are acquired for construction staging and station areas, but construction of parking facilities at the South Federal Way and Fife stations may be deferred for up to 3 years after light rail service begins. However, any delay in construction of parking facilities will have no effect on the anticipated number of acquisitions, displacements, or relocations.

See Appendix H1, Potentially Affected Parcels, Table H1-7 for more information on temporary construction impacts.

4.1.4 Sound Transit Acquisition and Relocation Policy Summary

Sound Transit has notified property owners whose property could be directly affected by any of the alternatives. With the exception of certain early acquisitions that are reviewed and approved by FTA, property acquisitions generally begin only after the Final EIS is issued, the Sound Transit Board selects the project to build, and FTA issues the Record of Decision (ROD). Once the project is approved, Sound Transit's assistance and advisory services would work closely with affected residents, businesses, and organizations to determine their relocation needs and preferences.

Sound Transit staff will be available to answer questions and provide additional information regarding just compensation, relocation payments and advisory services, and relocation expense,

as well as the timing of the processes. The agency would also provide information on the current availability, purchase price, or rental rates of comparable replacement properties. Sound Transit uses interpreters to help those with limited English proficiency understand their choices and options. Relocation assistance applies to all residential relocations, regardless of ownership status.

Affected residents and businesses owners would make the final decision on their relocation sites. Generally, owners would not have to relocate until they have been paid the agreed-upon purchase price or an amount equal to Sound Transit's estimate of just compensation has been deposited with the court. Businesses and tenants would not be required to move or relocate without receiving at least 90 days' notice via written communication.

A public agency must pay "just compensation" to property owners for land and improvements acquired for public purposes. "Just compensation" must not be less than the fair market value of the property acquired. This value includes any measurable loss in value to the remaining property as a result of a partial acquisition. For instance, Sound Transit would compensate for the permanent loss of parking lots resulting from partial property acquisition by compensating the property owner or by providing replacement parking.

Sound Transit would pay normal expenses of sale, including escrow fees, title insurance, prepayment penalties, mortgage release fees, recording fees, and typical costs incurred as part of conveying a title.

Relocation benefits depend on the circumstances of each affected resident or business. In addition to compensating owners for property, other benefits and compensation could include residential moving expenses and replacement housing payments, nonresidential moving expenses, business reestablishment expenses, and other eligible expenses. See Sound Transit's *Property Acquisition and Non-Residential Relocation Handbook* for detailed compensation and acquisition procedures (Sound Transit 2023).

4.1.4.1 Tribal Lands

Sound Transit anticipates the need to use Tribal properties during project construction and for long-term project operation. Table 4.1-3 shows the potential renewable easements needed for long-term operation. Sound Transit would work with the Puyallup Tribe of Indians to acquire the necessary permissions to use these properties. Once an Intergovernmental Agreement has been executed, the Bureau of Indian Affairs (BIA) would record the identified, agreed-upon easements. The project would also need temporary construction easements on some Tribal properties, which would be short-term and require approval from the Puyallup Tribe of Indians.

Table 4.1-3 Tribal Lands Requiring Renewable Easements for Long-Term Project Operation

Alternative	Number of Tribal Parcels and Lands Potentially Affected[1]
Federal Way Segment	
All Alternatives	0
South Federal Way Segment	
SF Enchanted Parkway	0
SF I-5	0
SF 99-West	6

Table 4.1-3 Tribal Lands Requiring Renewable Easements for Long-Term Project Operation (continued)

Alternative	Number of Tribal Parcels and Lands Potentially Affected[1]
SF 99-West with Porter Way Design Option	0
SF 99-East	5
SF 99-East with Porter Way Design Option	0
Fife Segment	
Fife Pacific Highway[2]	3
Fife Median[2]	3
Fife I-5[2]	2
Tacoma Segment	
All Alternatives	2[3]
Optional	
Optional Portland Avenue bike and pedestrian bridge - east option	8
Optional Portland Avenue bike and pedestrian bridge - west option	4

Notes:

(1) Includes parcels that are billboard footprints.

(2) Impacts to Tribal parcels and lands would be the same with the 54th Avenue Design Option and 54th Span Design Option.

(3) Includes the Puyallup River.

4.1.4.2 Avoidance and Minimization of Impacts

When developing TDLE alternatives, Sound Transit used several measures to avoid and minimize potential acquisition impacts, primarily by locating TDLE within and near existing transportation right-of-way, where possible. These measures extend to Puyallup Tribe of Indian properties, where Sound Transit took additional consideration to avoid and minimize impacts.

Property impacted temporarily for construction would be restored to its previous condition or better.

4.1.5 Potential Mitigation Measures

Sound Transit's policies and procedures comply with the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (as amended) and Washington State's relocation and property acquisitions requirements and, in some cases, provide advisory services to property owners above the minimum requirements of federal and state law. Sound Transit would compensate affected property owners in accordance with Sound Transit's Real Property Acquisition and Relocation Policy, Procedures, and Guidelines (Sound Transit 2017). Benefits would depend on the level of impact, available relocation options, and other factors. Sound Transit would work with the Puyallup Tribe of Indians to acquire the necessary permissions to use these properties. Once an Intergovernmental Agreement has been executed, the BIA would record the identified, agreed-upon easements. No additional mitigation is anticipated.

4.2 Land Use

4.2.1 Introduction to Resource and Regulatory Requirements

This section analyzes the changes in land use that could occur as a result of TDLE. This section also considers TDLE's consistency with local and regional plans and policies. A more detailed evaluation of the plans and policies that apply to the study area and TDLE's consistency with those plans is in Appendix H2, Land Use.

TDLE would be within the four-county central Puget Sound region, where land use planning is guided by the shared regional long range comprehensive planning strategy established by the Puget Sound Regional Council (PSRC). PSRC's VISION 2050 defines a growth management strategy for a sustainable environment, thriving communities, and a strong economy (PSRC 2020). VISION 2050, like earlier iterations of the regional vision, contains a framework for how and where development should occur and how the region can manage growth equitably within the urban growth area. The Regional Transportation Plan (RTP) (PSRC 2022), which is designed to implement VISION 2050, identifies the improvements needed to further develop the region's integrated multimodal transportation system and effectively connect communities. This includes the regional HCT system that Sound Transit is responsible for, as well as ferries, local transit, bus rapid transit, roads, rail, nonmotorized facilities, and maritime transportation systems. Chapter 3, Transportation, has further details on these facilities and the RTP. VISION 2050 provides guidance and direction to regional, county, and local governments as they fulfill their responsibilities under the Washington State Growth Management Act (GMA). The GMA requires cities and towns in King and Pierce County to review and update their local comprehensive plans by December 2024. The communities discussed are currently in the process of updating and adopting revised Comprehensive Plans, most draft Plans are available online for reference.

The local and county comprehensive plans, land use designations and zoning types in the cities of Federal Way, Fife, Milton, and Tacoma, and in Pierce County vary in definition, so all land uses have been grouped into generalized land-use categories to allow consistent comparison. These categories include single-family residential, multi-family residential, commercial, industrial, public/institutional, mixed-use, and vacant. Land use and zoning designations were based on adopted local jurisdiction comprehensive plans and zoning maps. Existing land uses were based on county tax assessor data.

This land use evaluation is also based on the analysis of other elements of the environment, including Section 4.1, Acquisitions, Displacements, and Relocations; Section 4.3, Economics; Section 4.5, Visual; Section 4.7, Noise and Vibration and Chapter 3, Transportation Environment and Consequences.

4.2.2 Affected Environment

TDLE would be within King and Pierce counties, generally in the vicinity of I-5 and Pacific Highway (SR 99), traveling across ancestral and reservation lands of the Puyallup Tribe of Indians, as well as the cities of Federal Way, Fife, Milton, and Tacoma. Existing land uses in the study area include single-family residential, multi-family residential, commercial (which includes retail, services, and office use), public, industrial, mixed-use, and transportation uses.

The study area for analyzing localized land use impacts consists of the parcels within 0.5 mile of the project footprint. The land use figures also show a 0.25-mile buffer to provide additional context for uses close to the station area. This land use analysis also considers the local jurisdictional and regional land use context in which TDLE would be constructed and operated.

Generalized land use designations and generalized existing land uses are shown by segment in Figures 4.2-1 to 4.2-8.

4.2.2.1 Federal Way Segment

The Federal Way Segment would begin just south of the Federal Way Downtown Station, within the PSRC-designated Federal Way Regional Growth Center, and extend south to S 344th Street.

Within the Federal Way Segment, Federal Way's land use and zoning designations support primarily multi-family residential uses, with some areas of mixed use and commercial uses. Generalized land use designations that illustrate planned and designated land uses in adopted local comprehensive plans and zoning are shown in Figure 4.2-1.

Most of the surrounding land use in the Federal Way Segment is multi-family residential, with some commercial, public, and vacant property. A few small areas of single-family residential use are also located along the project footprint. The generalized existing land use in the Federal Way Segment is shown in Figure 4.2-2.

4.2.2.2 South Federal Way Segment

The South Federal Way Segment would begin at S 344th Street and travel south through the City of Federal Way and portions of the City of Milton and unincorporated Pierce County, with alternatives generally following either the I-5 or SR 99 corridor. The station area in the South Federal Way Segment is within the Candidate Countywide Growth Center designated by the King County Growth Management Planning Council as a place intended for concentrating jobs, housing, shopping, and recreational opportunities (VISION 2050). The City of Federal Way is currently preparing a subarea plan for the South Station Subarea, anticipated to be adopted as part of the City's 2024 Periodic Update to the Comprehensive Plan.

The City of Federal Way and Milton's land use and zoning designations support primarily single-family residential, commercial, and industrial uses in the study area. Areas designated for residential use within the study area are largely developed but not necessarily to the full extent allowed by existing zoning. Generalized land use designations in the South Federal Way Segment are shown on Figure 4.2-3.

The Land Use chapter of the Federal Way Comprehensive Plan provides a framework for Federal Way's future development and sets forth policy direction for Federal Way's current and future land uses. The plan is intended to result in an appropriate balance of services, employment, and housing. The station locations for all alternatives would be in an area the Federal Way Comprehensive Plan identifies as intended to capture the demand for a diverse mix of industrial, office, and retail sales and services in well-integrated, high-quality developments. However, the current designation does not contemplate housing. To inform potential future amendments to the comprehensive plan, Federal Way began a community visioning process in 2019 to contemplate alternative futures for the potential station area to inform the subarea planning process and comprehensive plan amendments anticipated to be adopted in 2024.

Federal Way's Comprehensive Plan also includes a goal of enhancing transportation by providing a connected system of pedestrian, bicycle, and transit ways that are integrated into a coordinated regional network. An associated Comprehensive Plan policy requires Federal Way to "prepare, promote, and provide for an enhanced, high-capacity transit, regional transit system" and several other goals and policies encourage Federal Way to facilitate and encourage HCT transit and to reduce auto dependency.

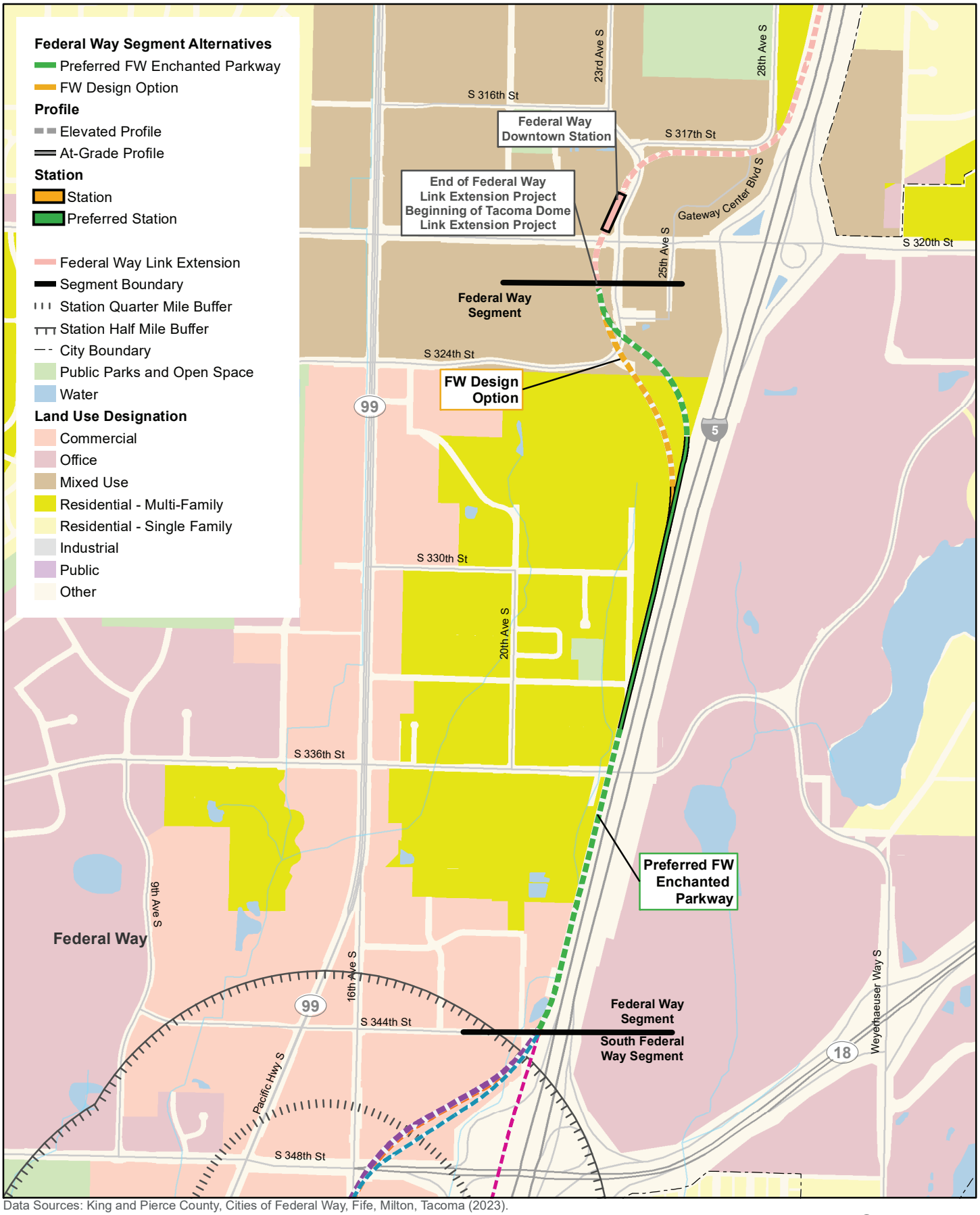

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-1
Generalized Land Use Designation
Federal Way Segment

Tacoma Dome Link Extension

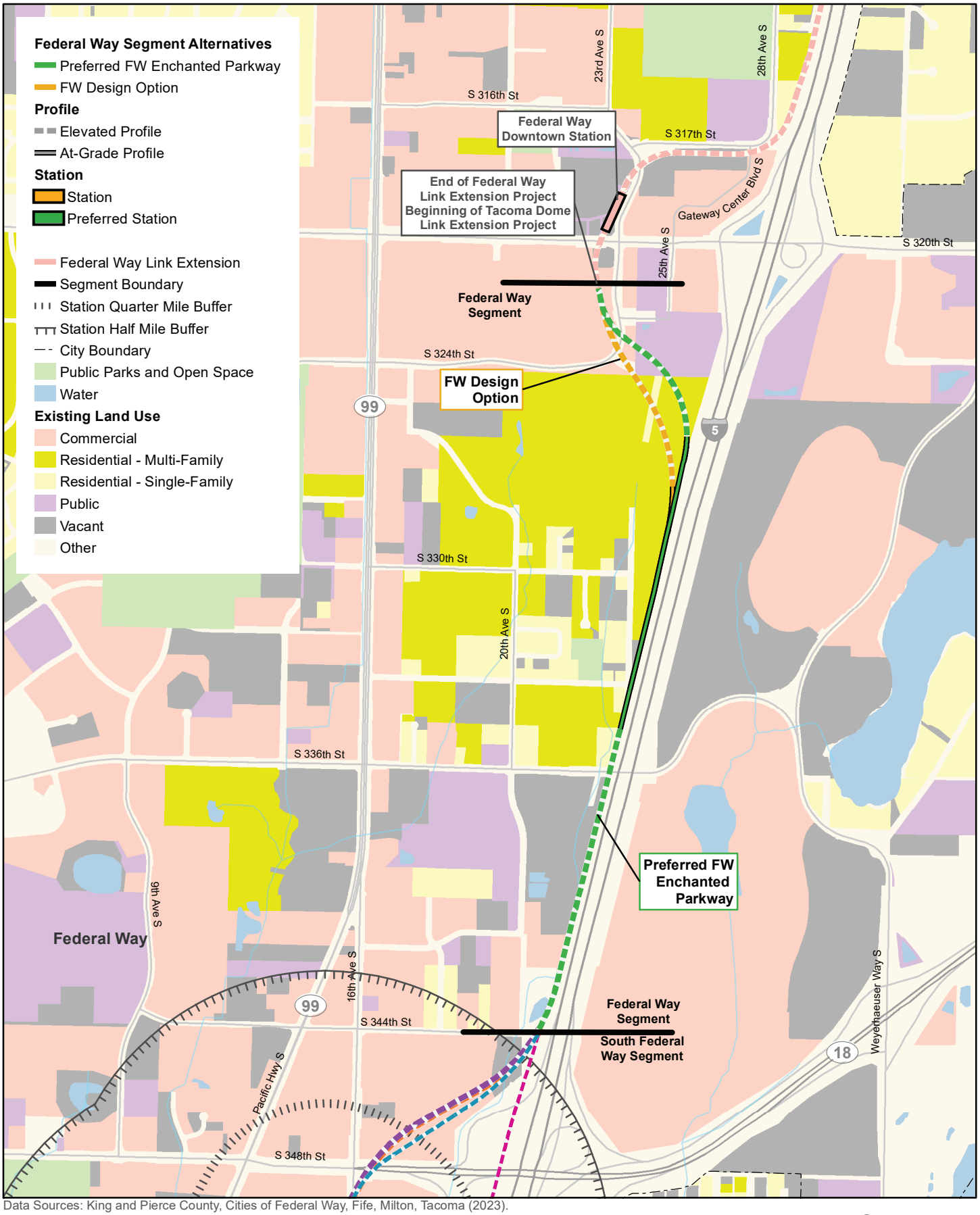

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.2-2
Generalized Existing Land Use
Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

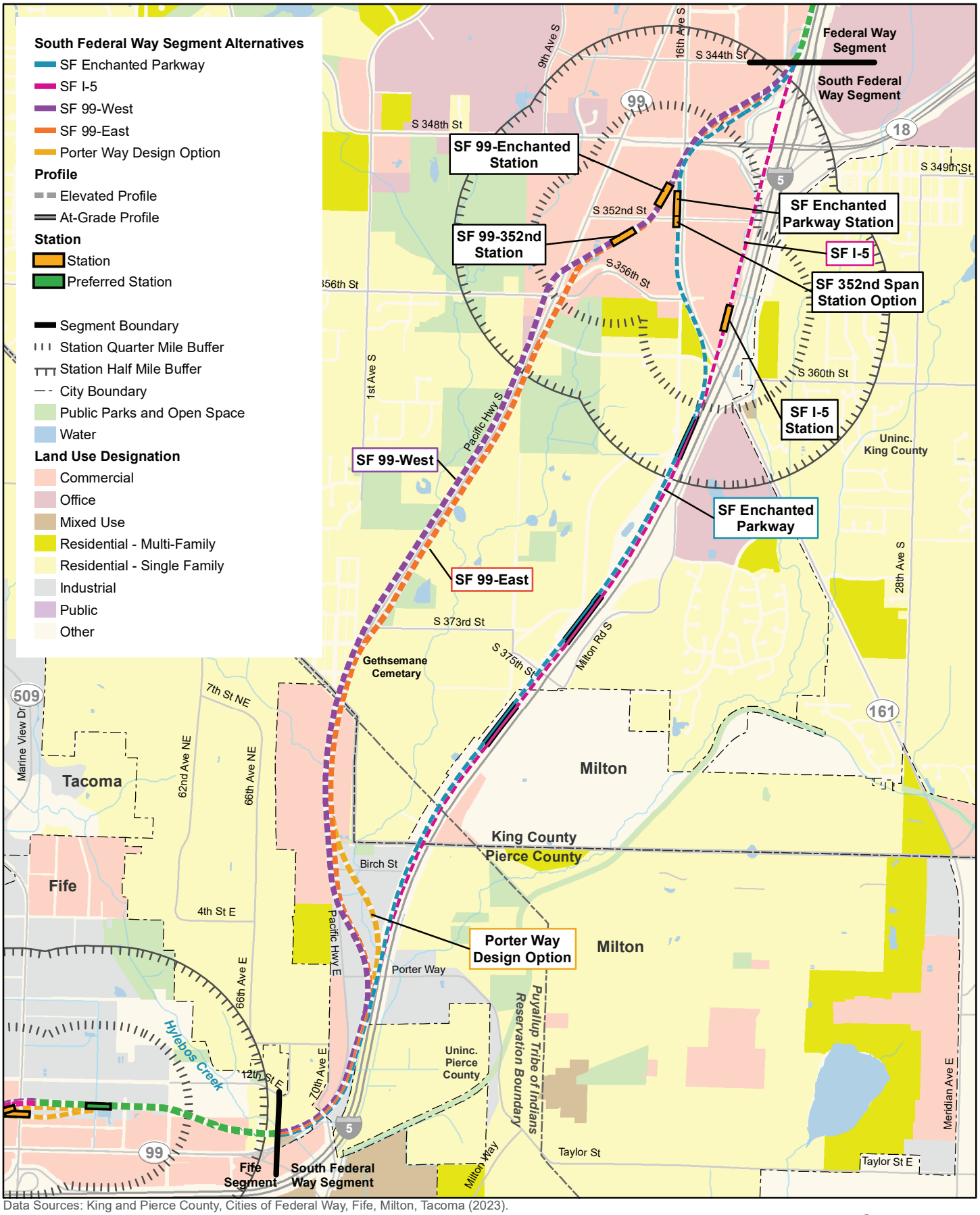

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-3
Generalized Land Use Designation
South Federal Way Segment

Tacoma Dome Link Extension

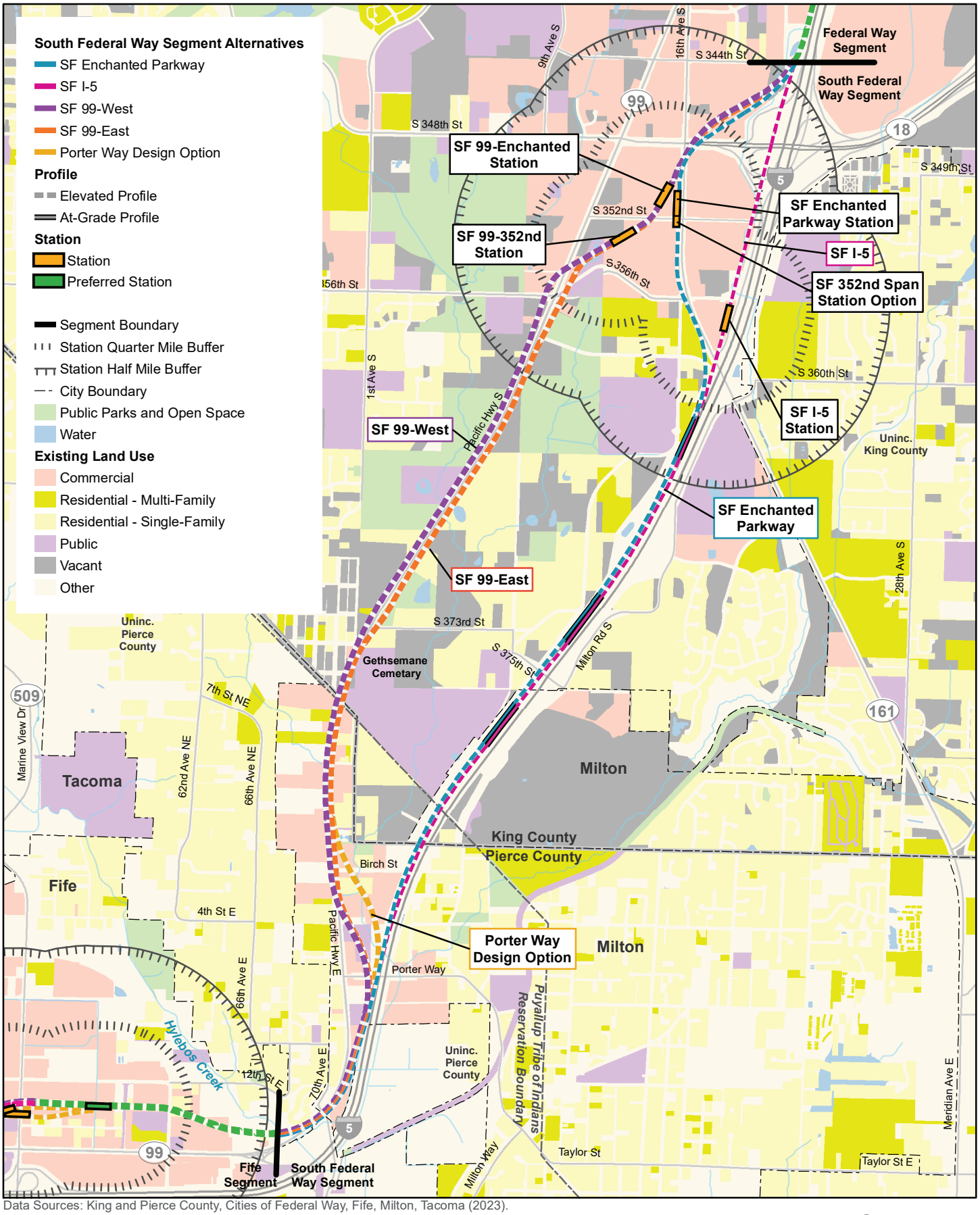

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-4
Generalized Existing Land Use
South Federal Way Segment

Tacoma Dome Link Extension

Within the study area in Milton, the West Milton Commercial District Special Planning Area has been designated as an area to concentrate non-residential development. The West Milton Commercial District Special Planning Area is an existing commercial corridor where additional business and light manufacturing uses, as well as flex space and business incubation centers, are encouraged. A small portion of TDLE would also traverse unincorporated Pierce County between Milton and Fife, zoned primarily single-family residential, with a small area zoned mixed-use. Like other jurisdictions where TDLE would be located, Pierce County's Comprehensive Plan includes a goal to encourage alternate travel modes within an efficient multimodal transportation system.

Existing land uses in the South Federal Way Segment include commercial, multi-family residential, public, and single-family residential use. Most of the existing uses in the corridor are generally consistent with their comprehensive plan land use designations, although many of the areas along Pacific Highway that are designated as single-family are currently parks and open space that are unlikely to be used for single-family residential.

Most of the existing commercial uses in this segment near I-5 and Pacific Highway are automobile-dependent businesses that are set back from the street frontage and surrounded by surface parking, ranging from small, single businesses to "big-box" retail, strip malls, and the regional shopping center described above. The existing land uses in the area around the SF Enchanted Parkway Station, SF 99-Enchanted Station, SF 99-352nd Station, and SF 352nd Span Station Option, are predominantly commercial big-box retail, whereas the area around the SF I-5 Station includes a mix of commercial, multi-family, and single-family residential uses. There are also several vacant properties with no current use throughout this segment. Some single-family uses exist along a small portion of the segment, consolidated in unincorporated Pierce County to the north of the Fife curve. Figure 4.2-4 illustrates the existing land uses of properties at the time the Draft EIS is published.

4.2.2.3 Fife Segment

The Fife Segment begins at the Fife city limit near Wapato Way E and continues through the City of Fife and the ancestral and reservation lands of the Puyallup Tribe of Indians to the Fife/Tacoma city limit.

The Land Use Element of Fife's Comprehensive Plan provides policy direction for achieving the City's vision of the future, including where expected growth will go and in what densities, forms, and quantities. It encourages a land use pattern that supports projected employment growth while preserving and strengthening the City's residential qualities. As a result, much of the City's future growth and redevelopment is to be focused in mixed commercial/high-density residential districts along the I-5 and Pacific Highway corridors. Fife's Comprehensive Plan also includes a goal to provide for "a well-connected, efficient transportation system that offers choices in travel modes, seeks to reduce traffic congestion in Fife, and reduces dependence on the single occupancy vehicle."

The land use designation directly surrounding the preferred Fife Station allows industrial use, but the area just to the south of the proposed station encourages mixed-use developments that include high-density residential in addition to commercial uses. The Fife 54th Avenue Station Option and the Fife 54th Span Station Option would both be within the area designated for high-density residential and commercial use. Generalized land use designations in the Fife Segment are shown in Figure 4.2-5. The City of Fife is undertaking a City Center planning effort that would further inform land use designations in the station area. The City's adopted Comprehensive Plan notes that there are districts that are underutilized compared with the maximum development already allowed.

The Puyallup Tribe of Indians Comprehensive Plan, updated in August 2023, guides the Tribe's future vision through an integrated approach to development and related economic and social issues, with an emphasis on environmental sustainability and climate resilience, and creates a framework for management of the Tribe's land and properties, including consultation with other municipalities. The updated plan includes goals related to creating a safe and reliable transportation network, partnering with local jurisdictions to address tribal transportation concerns and priorities, complete streets, and transportation system integration with land use plans.

The Fife Segment consists primarily of commercial use, including a high concentration of vehicle sales uses along the I-5 corridor. In addition, the Emerald Queen Hotel and Casino at Fife, owned by the Puyallup Tribe of Indians, is within this segment, within 0.25 mile south of all of the proposed stations in the Fife Segment. The generalized existing land use is shown in Figure 4.2-6.

4.2.2.4 Tacoma Segment

The Tacoma Segment begins at the Fife/Tacoma city limit, just east of the Puyallup River, and is entirely within the Tacoma city limits and partially on Puyallup Tribe of Indians Reservation.

The land use designations surrounding the proposed Portland Avenue Station are primarily industrial. The area near the western terminus of the Tacoma Segment and the Tacoma Dome station locations, west of East G Street, is designated as mixed use. Generalized land use designations in the Tacoma Segment are shown in Figure 4.2-7.

One of the key objectives of Tacoma's comprehensive plan, One Tacoma, is to accommodate future growth, which is expected to gain 127,000 new residents and 97,000 new jobs by 2040 (One Tacoma 2015, as amended in 2022). Much of the City's growth is intended to occur within 18 Mixed Use Centers as designated in Tacoma's Municipal Code, which are intended to be "urban villages." Both the Downtown and McKinley Mixed Use Centers are within the TDLE study area.

All the Tacoma Dome station alternatives are in the comprehensive plan designated Downtown Regional Growth Center, which is intended to accommodate the highest concentration of urban growth anywhere in the city. The Portland Avenue Station is in an area designated as light industrial, which is intended to serve as a buffer or transition between heavy industrial areas and less intensive commercial and/or residential areas. To the north of the Portland Avenue Station is an area designated as general commercial, which is intended to serve a large community base with a broad range of larger-scale uses, including a wide variety of residential development, community facilities, institutional uses, and some limited production and storage uses. The area just south of the proposed Portland Avenue Station, across I-5, is designated as a crossroads center, which is an area where mid-rise development and a greater mix of uses, including substantially more residential use, are desired.

Tacoma's South Downtown Subarea Plan (2014), a component of the comprehensive plan, guides long-range planning with the goal of promoting economic development in South Downtown, leveraging the area's unique assets and existing and planned transportation investments. South Downtown has several districts, with the Tacoma Dome District encompassing most of the study area surrounding the TDLE Tacoma Dome station locations. Please see Appendix H2, Land Use, for a more detailed summary of the goals and policies for Tacoma and VISION 2050.

The existing land uses in the Tacoma Segment consist primarily of light industrial and commercial use, particularly near the proposed track alignments, but also include some institutional and public uses, as well as a few vacant properties. Some single-family and multi-family residential uses exist within the study area to the south of I-5. The generalized existing land use in the Tacoma Segment is shown in Figure 4.2-8.

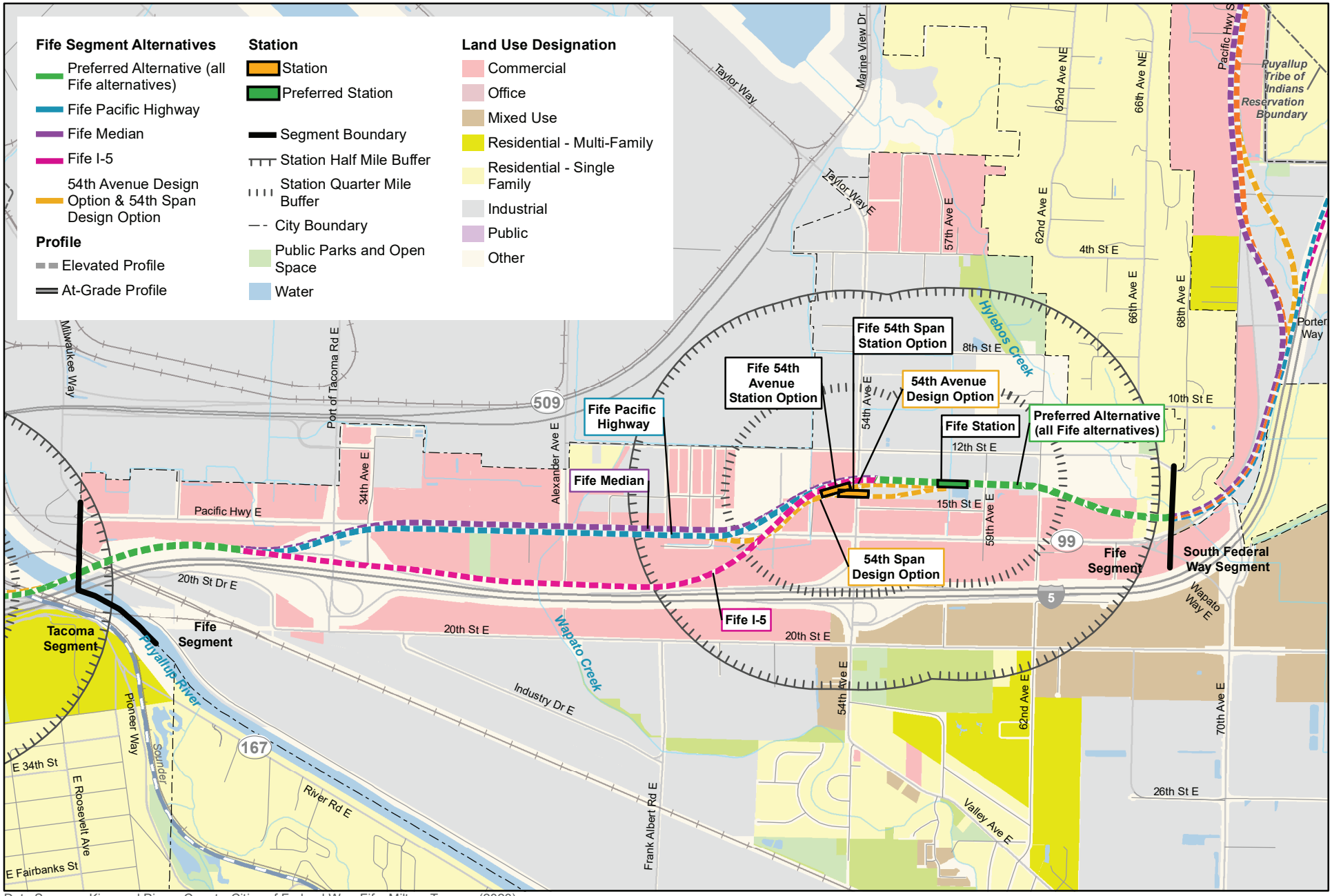

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-5
Generalized Land Use Designation
Fife Segment

Tacoma Dome Link Extension

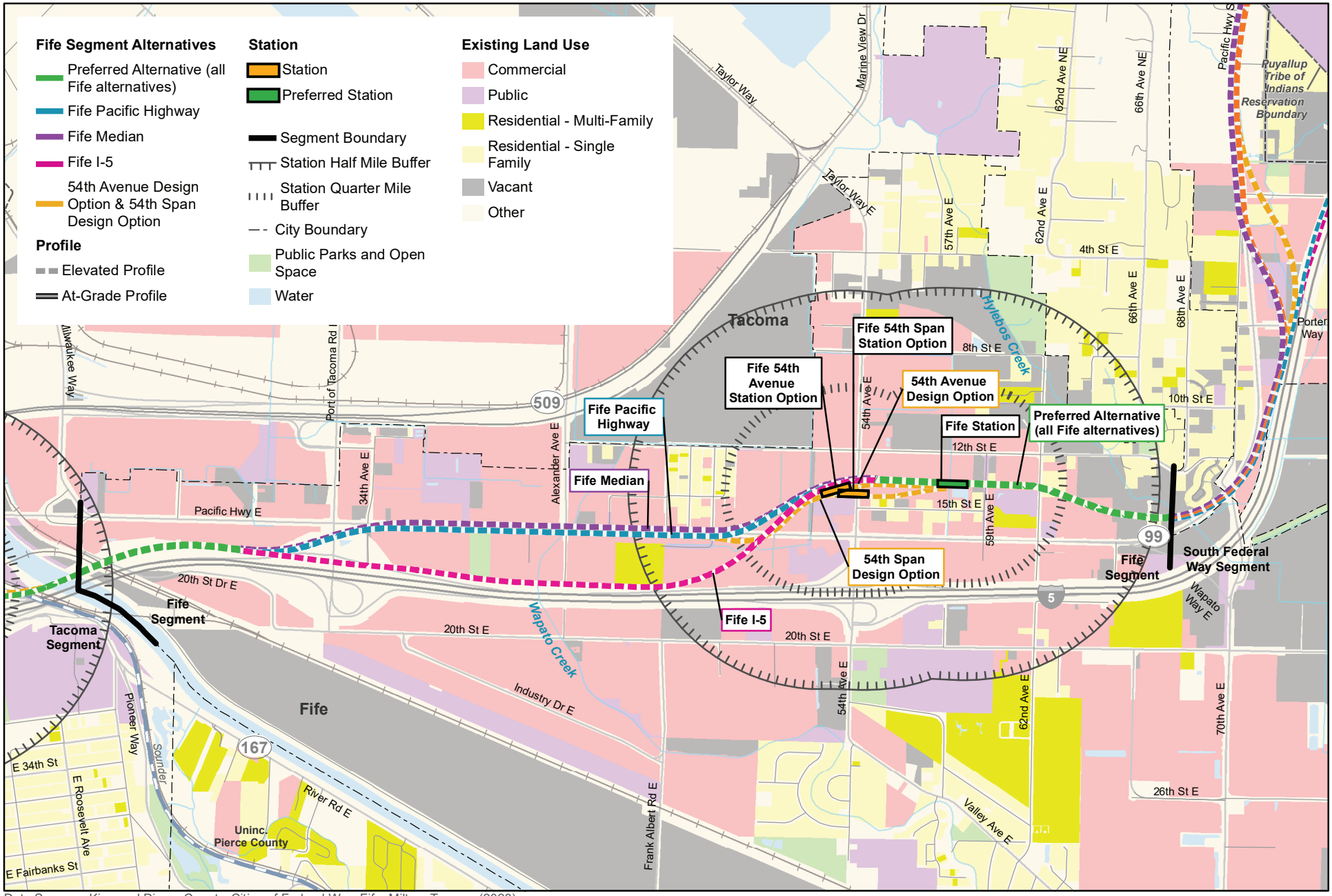

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-6
Generalized Existing Land Use
Fife Segment

Tacoma Dome Link Extension

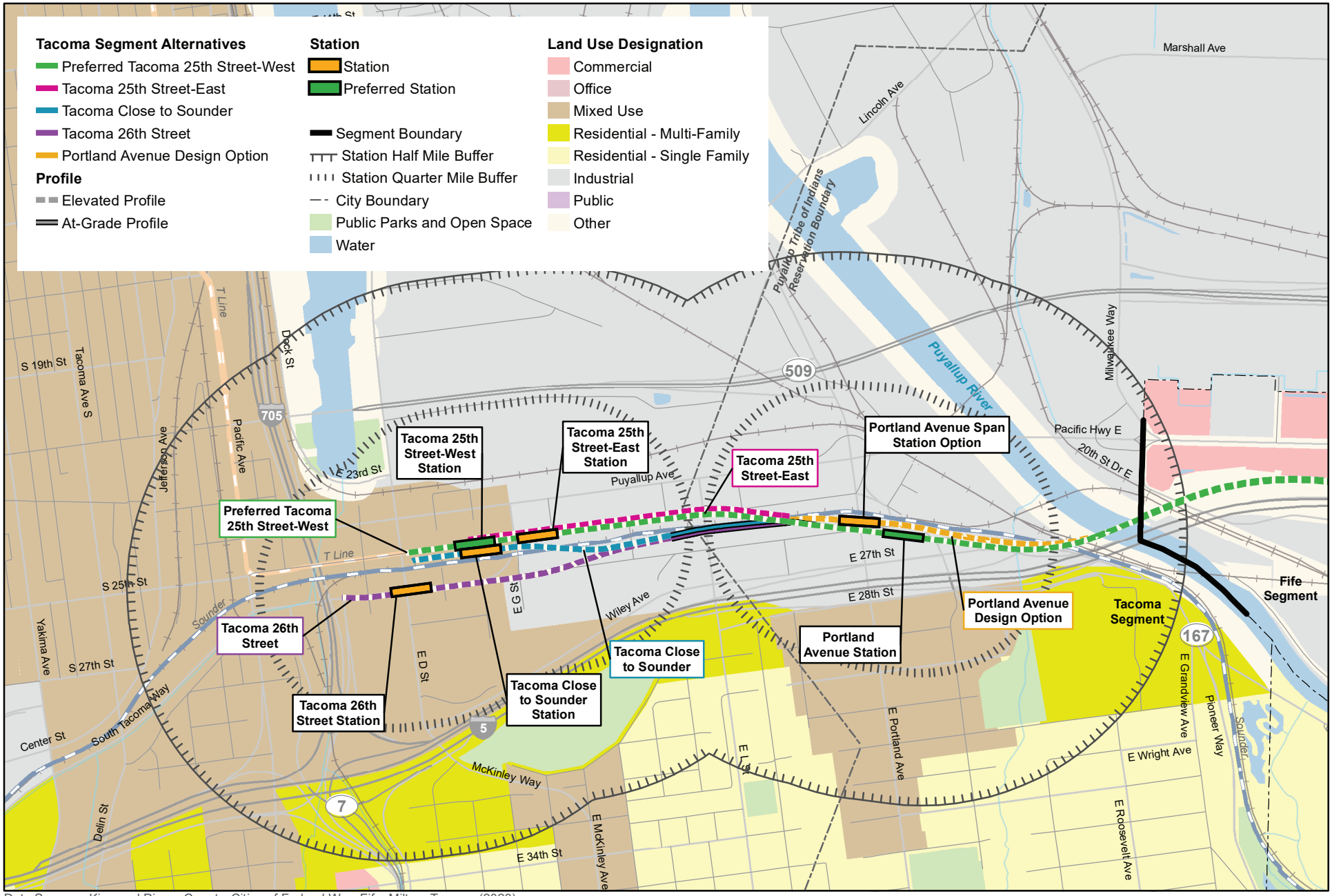

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-7
Generalized Land Use Designation
Tacoma Segment

Tacoma Dome Link Extension

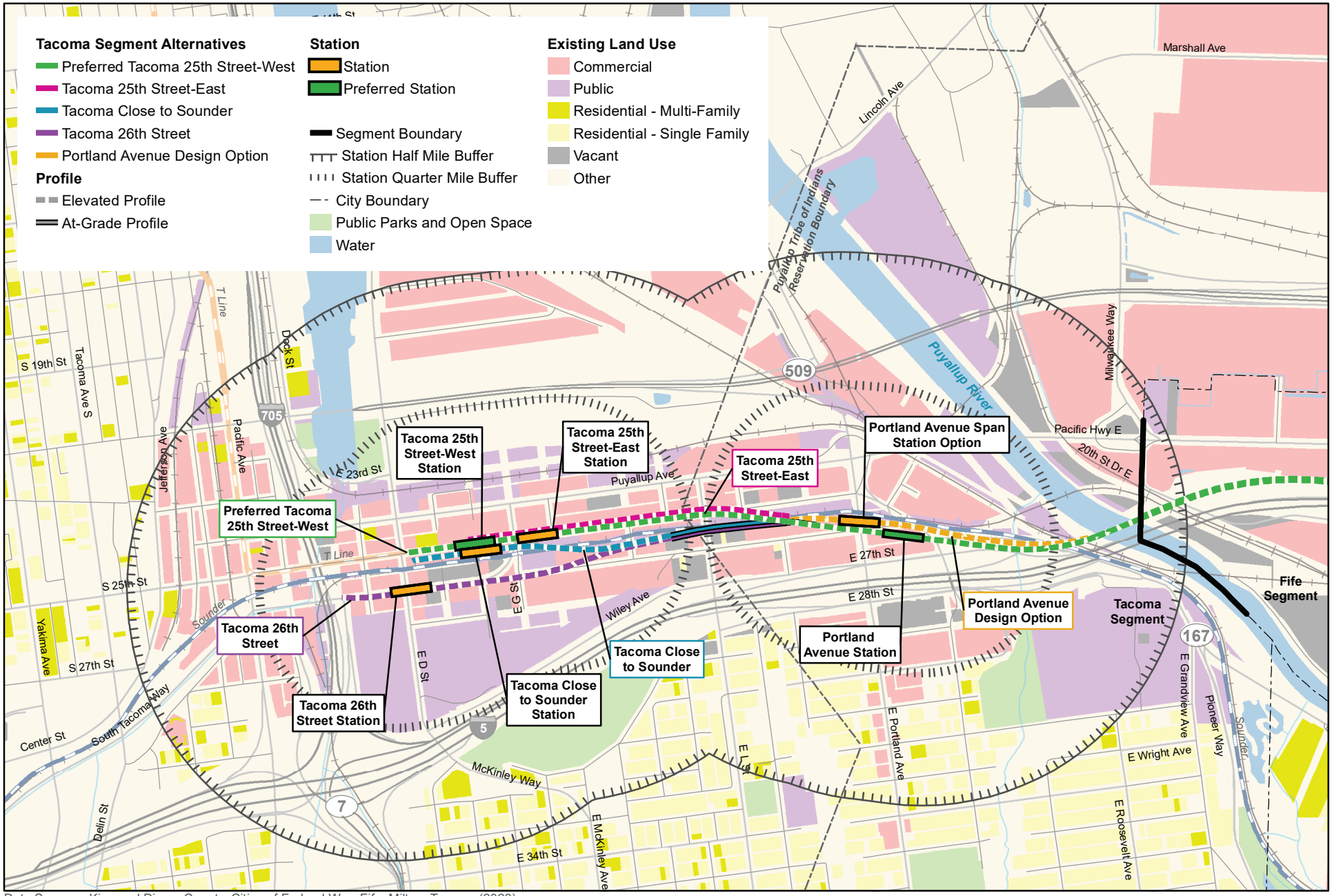

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.2-8
Generalized Existing Land Use
Tacoma Segment

Tacoma Dome Link Extension

4.2.3 Environmental Impacts

TDLE would have long-term direct and indirect impacts on surrounding land uses as well as short-term construction impacts. Direct land use impacts would include conversion of private or public land to transportation uses, displacing existing and planned land uses. Indirect impacts could include changes in development patterns, particularly near stations or on surplus property, where local land use regulations allow for such change in development.

4.2.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).

PSRC's 2042 population and employment growth projections inform the No-Build and build alternatives analyses. Under the No-Build Alternative, no property would be acquired to construct TDLE; however, land use changes may occur due to other planned projects and developments within the study area, including potential conversion of property to a transportation use for OMF South, if one of the potential sites in Federal Way is selected.

The No-Build Alternative would be inconsistent with regional and local land use plans and policies because a mass transit improvement serving the study area would not be implemented. This would be inconsistent with regional, county, and city land use plans that seek to manage growth by offering high-quality connections between centers and would not support land use goals that encourage transit-oriented communities.

4.2.3.2 Long-Term Impacts for the Build Alternatives

Direct land use impacts would occur in locations where TDLE alternatives would require property to accommodate the proposed project facilities. The potentially affected properties are detailed in Section 4.1 and Appendix H1, Acquisitions, Displacements, and Relocations.

The existing land use of property acquired for project facilities would convert to a transportation-related use. The project could also cause changes to adjacent land uses through proximity impacts, such as traffic, noise, and visual impacts, which are discussed further in other portions of this Draft Environmental Impact Statement, including Chapter 3, Transportation Environment and Consequences; Section 4.3, Economics; Section 4.5, Visual and Aesthetic Resources; Section 4.6, Air Quality and Greenhouse Gases; Section 4.7, Noise and Vibrations; and Section 4.17, Parks and Recreational Resources. Those sections also identify avoidance and minimization measures that could also apply to potential land use impacts.

Impacts Common to All Alternatives

All build alternatives would require the conversion of property. Table 4.2-1 summarizes the approximate amount of land that would be converted to a transportation use with each alternative. Transportation uses include the construction and operation of TDLE, including areas acquired for light rail guideway and structures, stations, traction power substations, signal houses, stormwater control, and parking facilities. Property that is already public right-of-way for transportation uses is not included in totals because it would remain as a transportation use. In general, the alternatives follow existing transportation corridors, reducing the amount of occupied land that would be converted to a transportation use. The land to be converted would constitute less than 0.5 percent of the total land in Federal Way, Fife, Milton, and Tacoma. As a result, TDLE would not be expected to notably change land use patterns within the affected jurisdictions, although it could alter patterns in localized areas, as further discussed below.

Table 4.2-1 Estimated Conversion of Existing Land Uses to Transportation-Related Use (in acres)

Alternatives	Commercial	Industrial	Public	Multi-Family	Single-Family	Vacant	Total
Federal Way Segment							
Preferred FW Enchanted Parkway	1	0	1	0	6	3	**11**
Preferred FW Enchanted Parkway with Design Option	1	0	1	0	8	3	**13**
South Federal Way Segment							
SF Enchanted Parkway	17	0	0	1	4	2	**24**
SF I-5	12	0	0	0	3	6	**21**
SF 99-West	18	<1	5	0	6	10	**39**
SF 99-West with Porter Way Design Option	19	0	0	0	7	10	**36**
SF 99-East	19	<1	5	0	8	12	**44**
SF 99-East with Porter Way Design Option	20	0	0	0	9	12	**41**
Fife Segment							
Fife Pacific Highway	14	7	0	<1	1	3	**25**
Fife Pacific Highway with 54th Avenue Design Option	19	2	3	0	<1	2	**26**
Fife Pacific Highway with 54th Span Design Option	19	3	3	0	<1	2	**27**
Fife Median	14	7	<1	0	1	3	**25**
Fife Median with 54th Avenue Design Option	19	2	3	0	<1	2	**26**
Fife Median with 54th Span Design Option	19	3	3	0	<1	2	**27**
Fife I-5	14	7	<1	1	<1	3	**25**
Fife I-5 with 54th Avenue Design Option	18	2	3	1	<1	2	**26**
Fife I-5 with 54th Span Design Option	18	3	3	1	<1	2	**27**
Tacoma Segment							
Preferred Tacoma 25th Street-West	5	3	<1	0	0	<1	**8**
Tacoma 25th Street-East	5	4	1	0	0	1	**10**
Tacoma Close to Sounder	7	6	<1	0	0	<1	**14**
Tacoma 26th Street	5	5	2	0	0	<1	**13**

Sources: King County Department of Assessments (2019), Pierce County Assessor (2019).
Notes: This initial analysis is based on businesses located on parcels estimated as being fully acquired.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the M.O.S. to the station in Fife would convert less property to transportation use than what is shown in Table 4.2-1 and would be less consistent with planning documents that call for the expansion of light rail. The number of parcels affected and land uses at each station in Federal Way and Fife would be the same whether the station was a terminus for the M.O.S. or not.

Federal Way Segment

A large portion of the land needed for all the alternatives in the Federal Way Segment is within I-5 or other transportation rights-of-way and is already a transportation use. Areas needed outside of existing transportation rights-of-way primarily consist of single-family residential and vacant areas. The Preferred FW Enchanted Parkway with Design Option would convert slightly more land from single-family to transportation use.

The presence of the guideway across parts of large parcels, such as the Commons and S 320th Park and Ride, could constrain future development in the areas that would be immediately adjacent. Future development for the majority of the City Center Core area would be unaffected.

South Federal Way Segment

Like the Federal Way Segment, some of the land needed for all build alternatives in the South Federal Way Segment is within existing transportation right-of-way: I-5 or Pacific Highway, depending on the alternative. The SF I-5 Alternative is predominantly within the existing I-5 right-of-way, as is the SF Enchanted Parkway Alternative, to the south of S 359th Street. The alternatives along Pacific Highway would require greater conversion of existing land uses to transportation use. In areas that are needed outside of existing transportation rights-of-way, the alternatives in the South Federal Way Segment would affect primarily commercial, single-family residential, and vacant areas.

The SF 99-East Alternative would convert the most land uses to transportation use, whereas the SF I-5 Alternative would convert the least by traveling along I-5. Where the SF I-5 Alternative approaches the station, it would convert vacant parcels and multiple automobile-related commercial parcels in the southern portion of the larger commercial district surrounding Enchanted Parkway to a transportation use. The SF I-5 Station would be near multi-family residential areas and closer to additional planned residential areas to the east.

With the SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives, most of the commercial land use conversions to transportation use would occur approaching S 348th Street and around the proposed station areas near S 352nd Street, west of Enchanted Parkway. Along Enchanted Parkway near the station areas is part of a larger commercial zone. Smaller commercial businesses and an industrial use would be affected. The SF Enchanted Parkway Station, SF 99-Enchanted Station, SF 99-352nd Station, and the SF 352nd Span Station Option would be in the center of the planned commercial area in the center.

To the south of the commercial area, along Enchanted Parkway near I-5, the SF Enchanted Parkway Alternative would displace part of a market-rate apartment complex that occupies about half of a smaller multi-family zone. The SF 99-West and SF 99-East alternatives would primarily impact commercial property and vacant land as they travel south of S 356th Street, each would impact slightly less land with the Porter Way Design Option.

All of the station alternatives in the South Federal Way Segment may have the potential for joint development opportunities. The station locations for all alternatives are proposed in an area planned to accommodate a diverse mix of industrial, office, and retail sales and services. TDLE parking facilities would be constructed on properties that are acquired for construction staging and station areas, which would not require additional acquisition but would result in permanent conversion of land. The configuration of parking facilities may affect the remaining land available for TOD.

In Milton, all the build alternatives would convert to transportation use property that is currently used for commercial, public, and other uses and is designated for future light industrial. TDLE would remove some commercial parcels within the West Milton Commercial District Special Planning Area. The area is currently underdeveloped but does have some existing commercial uses that would be displaced.

Given the comparatively small proportion of land that would be converted by any of the alternatives in the South Federal Way Segment compared with available land within the zones where they would be located, none of the alternatives in the South Federal Way Segment are likely to conflict with future development patterns as designated in the Federal Way Comprehensive Plan or the City of Milton West Milton Commercial District Special Planning Area.

Fife Segment

All of the alternatives would convert approximately the same amount of land to transportation use, as shown in Table 4.2-1. Most of the properties that would be converted to transportation use are in areas designated as mixed commercial and high-density residential.

All of the alternatives in the Fife Segment begin with a common alignment and common impacts, from the end of the South Federal Way Segment until the preferred Fife Station, located west of 59th Avenue E. Most of the properties that would be converted to a transportation use in these areas are commercial, light industrial, or vacant.

The preferred Fife Station and the Fife 54th Avenue and Fife 54th Span station options would be just west of an Urban Growth Area and in an area designated as Phase 2 Downtown District Center. The Fife Comprehensive Plan contemplates a more vibrant mixed use City Center and the development of a subarea plan that provides for a Downtown District/City Center focused around the 54th Avenue E/I-5 interchange, which is just southwest of the preferred Fife Station and in the location of the Fife 54th station options. The addition of a regional light rail station is likely to be compatible with ongoing planning for a new City Center. The preferred Fife Station location is closer to the proposed City Center than the other station locations. All of the potential stations in Fife may create the potential for joint development opportunities. TDLE parking facilities would be constructed on properties that are acquired for construction staging and station areas, which would not require additional acquisition but would result in permanent conversion of land. The configuration of parking facilities may affect the remaining land available for TOD.

To the west of all of the proposed stations in Fife, all the alternatives would cross an area planned for mixed commercial and high density residential, with existing uses that include a mix of commercial properties, a large multi-family housing complex, several automobile dealerships, and Puyallup Tribal Integrative Medicine. Because the amount of land that would be converted is relatively small compared to the available property as a whole, the alternatives in Fife would be unlikely to directly change the existing or planned general land use patterns in the area. However, all of the alternatives in Fife would have localized effects on some individual land uses.

The Fife Pacific Highway and Fife Median alternatives would affect portions of the same properties along Pacific Highway. The two alternatives would be different in the location of the guideway relative to the nearby land uses.

Both the Fife Median Alternative and Fife Pacific Highway Alternative would use the frontage of parcels adjacent to Pacific Highway but would not change the use of the remaining parcel because of the large parcel size and building setbacks.

Similarly, the Fife I-5 Alternative would be along the commercial parcels adjacent to I-5. While some of the businesses actively use these areas, the land use of the remaining areas is not anticipated to change. For example, the elevated guideway would occupy strips of parcels adjacent to I-5 used by several automobile and recreational vehicle dealers, which could still continue operating that use. At a large low-income apartment complex (Chateau Rainier Apartments), the guideway would occupy parking areas adjacent to several complex buildings.

Given the comparatively small proportion of land that would be converted by any of the alternatives in the Fife Segment compared with available land within the zones where they would be located, none of the alternatives in the Fife Segment is likely to conflict with future development patterns as designated in the Fife Comprehensive Plan.

Tacoma Segment

All the alternatives in the Tacoma Segment follow a similar alignment across the Puyallup River to the Portland Avenue Station, where all alternatives would convert commercial and industrial uses, primarily warehouse and storage businesses, to transportation use. The Portland Avenue Span Station would affect slightly different, but similar, properties.

For all alternatives, an optional Portland Avenue bike and pedestrian bridge is being considered that would connect the Portland Avenue Station or the Portland Avenue Span Station to the neighborhoods and Puyallup Tribe of Indians facilities on the south side of I-5. The bridge is not currently part of TDLE and there is no identified funding source. Either of the options for this bike and pedestrian bridge would require a permanent airspace easement over I-5 and additional acquisitions and easements on several Tribally owned parcels beyond those that have been identified for TDLE in this Draft Environmental Impact Statement. Overall, however, the optional Portland Avenue bike and pedestrian bridge, if constructed, would not substantially change the impacts to land use in the area given the number of uses that would be converted to transportation use in the context of the surrounding area.

As the alternatives in the Tacoma Segment diverge, the Preferred Tacoma 25th Street-West Alternative would convert the least amount of property to transportation use. The Tacoma Close to Sounder Alternative would convert several more acres of property to transportation use than the Tacoma 25th Street-East and the Preferred Tacoma 25th Street-West alternatives, but only about an acre more than the Tacoma 26th Street Alternative. All of the alternatives in the Tacoma Segment would use land currently in commercial use and in an area currently designated for industrial use.

The Tacoma Dome Close to Sounder Station Alternative conceptual design incorporates a potential joint development opportunity to provide non-transit uses (e.g., retail and/or other uses that support both transit ridership and the vibrancy of the surrounding neighborhood) underneath the potential elevated station and guideway. The scope of such potential joint development is unknown and not addressed in this Draft EIS.

The biggest change to land use associated with the Tacoma 26th Street Alternative would be the potential effects to the City Light Substation and Yard at East G Street and E 26th Street related to potential bus layover space.

All the alternatives in the Tacoma Segment would convert some property in the Downtown Regional Growth Center to transportation use. Some of the property that would be converted is currently underdeveloped or nonconforming, and the remaining land in the area would be able to accommodate the growth anticipated in the Downtown Regional Growth Center.

All the Tacoma Dome station locations provide additional transportation choices, as called for in the South Downtown Subarea Plan, and would be within the Comprehensive Plan designated Dome District, where transit-oriented design and transit-supportive land uses are prioritized. Although no specific TOD has been identified, the Dome District has long-term potential for TOD.

Given the comparatively small proportion of land that would be converted by any of the alternatives in the Tacoma Segment compared with available land within the zones where they would be located, none of the alternatives in the Tacoma Segment is likely to conflict with future development patterns as designated in One Tacoma, Tacoma's comprehensive plan.

4.2.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Alternatives

Potential construction impacts on the existing land uses in the TDLE study area include use of land for construction, including for access, utilities, and staging.

The analysis of construction impacts also considers temporary changes in noise, air emissions, visual conditions, and transportation. During construction, some nearby businesses and residents may experience hardships. Proximity and construction impacts for adjacent properties, however, were considered based on the findings of other environmental analysis, including TDLE's practices to avoid impacts as well as to reduce them through minimization measures and the mitigation proposed for these other environmental topics.

Construction staging areas would be needed along the length of the project and could include large, consolidated sites. Areas needed for construction activities would include the lands needed for the permanent project footprint as well as adjacent areas, including the areas of full parcels acquired by the project. The potential future reuse of construction staging areas not needed for the permanent project (potential surplus property) is described in Section 4.3.2.4, Indirect Impacts. Appendix F, Conceptual Design Drawings, identifies the areas that are potentially needed for construction.

TDLE parking facilities would be constructed on properties that are acquired for construction staging and station areas, but construction of parking facilities at the South Federal Way and Fife stations may be deferred for up to 3 years after light rail service begins. During that delay, the property would be surrounded by fencing, used for surface parking, or other measures identified in coordination with the local jurisdiction. Delay would result in variation on the timing of construction impacts, but the land use impacts would be the same.

In addition to the permanent property acquisitions and easements needed for the project, Sound Transit or construction contractors may obtain the rights to stage construction on other properties, including vacant land or unused parts of larger parcels that may be available. Sound Transit may also negotiate to use right-of-way owned by WSDOT and local jurisdictions. These construction uses might occur adjacent to residential, commercial, industrial, and public properties throughout the study area, as permitted. For these areas that are only temporarily needed, upon completion of construction activities, Sound Transit or its contractors would return the property to the conditions negotiated with the owner and as applicable permit conditions require.

4.2.3.4 Indirect Impacts

Indirect Impacts Common to All Alternatives

Potential Benefits

TDLE could indirectly impact land use by acting as a potential catalyst for others to develop or redevelop land near project facilities. This is particularly the case in station areas where the project's mobility benefits would be focused, but it can also occur where Sound Transit may make surplus land available after construction is complete. Land use planned for higher density or intensity in the vicinity of transit stations may support TOD, which generally occurs when a station area is in a prime regional or community center that is attractive to typical market forces, has an active regional and local real estate market with willing investors, and has public policies and regulations that encourage intensive development.

There is also the potential for joint development of transit facilities with other compact residential or commercial development done in partnership with others. TDLE may also offer Agency TOD and/or joint development opportunities, which would have additional direct and/or indirect impacts, depending on the nature of the opportunity. Although joint development or TOD may occur in TDLE station areas or on surplus property as part of delivery of the transit project, no specific opportunities for joint development or TOD have been identified at the time this Draft EIS was being prepared. Any potential joint development that evolves further following issuance of this Draft EIS would be identified in the Final EIS.

The Sound Transit Board adopted the Equitable Transit Oriented Development Policy in 2018 (Board Resolution No. R2018-10, TOD Policy). This policy addresses how the agency should consider potential for TOD near transit facilities being planned and studied and provides guidance on implementing and integrating equitable TOD throughout transit projects.

The TOD Policy supports land use changes and economic development that would maximize ridership while supporting achievement of comprehensive and regional plans and improving quality of life. During alternatives development and design, this policy guides Sound Transit to incorporate TOD criteria as a decision-making factor that considers local and regional comprehensive plans. Sound Transit's TOD policy promotes TOD within station areas and on Sound Transit property that is no longer needed for transit and seeks proposals from developers that support various income levels and family sizes. It also provides guidance to engage communities equitably in planning for TOD, particularly for low-income communities and communities of color and contains goals to support and encourage equitable economic development and opportunities for existing residences and businesses.

Transit Oriented Development (TOD)

TOD is a pattern of development that includes a mix of residential, commercial, and civic uses near a high-capacity transit station. TOD helps to harmonize the relationship between land use and transit, with more residences and jobs accessible from transit, and vice versa. TOD is influenced through real estate markets, infrastructure investment, and zoning, and is implemented through individual decisions by property owners and developers.

Agency TOD

"Agency TOD" refers to TOD that Sound Transit facilitates on property it owns. Agency TOD could occur on property purchased for construction staging that Sound Transit does not need long-term, or through joint development. Agency TOD is implemented through partnerships with public, nonprofit, or private developers. Sound Transit's Equitable Transit Oriented Development Policy prioritizes partnerships with developers of affordable housing.

Joint Development

Joint development refers to a type of Agency TOD that has a direct, integral physical interface with a transit project, and is often designed and constructed along with the transit project. FTA defines joint development (FTA 2024) as "a public transportation project that integrally relates to, and often co-locates with commercial, residential, mixed-use, or other non-transit development. Joint development may include partnerships for public or private development associated with any mode of transit system that is being improved through new construction, renovation, or extension. Joint development may also include intermodal facilities, intercity bus and rail facilities, transit malls, or historic transportation facilities."

Sound Transit's TOD policy supports exploring the development potential associated with transit project decisions and the pursuit of joint or co-development of transit facilities, as appropriate. The policy prioritizes partnerships that deliver affordable housing, consistent with a state requirement to offer at least 80 percent of suitable surplus property to qualified developers of affordable housing. The developers must ensure 80 percent of the constructed housing units are affordable to those earning 80 percent or less of the county area median income.

Although TDLE would directly affect land use through property acquisitions, the project would not directly change surrounding land use designations. Cities, counties, and Tribal governments control land use and development regulations, including zoning, and property owners make decisions about developing or redeveloping their property. In other cases, areas near TDLE but with zoning regulations that are not supportive of TOD would be less likely to attract redevelopment activity, unless local jurisdictions implemented zoning changes.

Federal Way Segment

There is no station in the Federal Way Segment, and no indirect impacts are anticipated.

South Federal Way Segment

Zoning in the South Federal Way Station area would not currently support TOD, so without changes to the zoning code, the potential for indirect impacts due to TOD or redevelopment activity from TDLE would be low. However, the South Federal Way Station area has been designated as a Countywide Growth Center Candidate and is currently engaged in subarea planning, intended to foster new and diverse residential, commercial, and employment opportunities and to enhance connectivity for all throughout the subarea and to and from the future station. Other commercial redevelopments could occur if surplus properties were made available after construction. The adoption of plans, policies, or regulations that support TOD would result in a greater likelihood of indirect impacts from additional development.

Fife Segment

Zoning in the Fife station area is not currently supportive of TOD. However, the City of Fife has long been pursuing a City Center planning effort that would implement changes to the station area to support the creation of a compact city center area oriented to the light rail station. Changes to reflect this planning effort have not been adopted at the time of Draft EIS publication. The adoption of plans, policies, or regulations that support TOD would result in a greater likelihood of indirect impacts from additional development.

Tacoma Segment

Zoning in the Portland Avenue Station area currently does not support TOD. The Portland Avenue Station is in an area designated as an industrial/commercial buffer zone, between the core of the industrial center and the adjacent neighborhoods. Although at the time of Draft EIS publication, Tacoma is developing the Tideflats Subarea Plan, a collaborative effort with the Port of Tacoma and the Puyallup Tribe of Indians, which will establish a long-term vision for the area, the potential for indirect impacts from additional development has a lower likelihood.

With the exception of the Portland Avenue Station and Portland Avenue Span Station, the station locations in the Tacoma Segment are within a designated regional growth center, where density is encouraged and zoning that supports TOD is in place. This area is already well served by multiple transit operators, and high-density development activity is already underway in the station area. This station area is most likely to be indirectly impacted by additional development activity.

4.2.4 Consistency with Land Use Plans, Policies, and Regulations

The plans, policies, and regulations related to TDLE are described in Appendix H2, Land Use. The GMA, adopted in 1990, requires state and local governments to manage Washington's growth by identifying and protecting critical areas and natural resource land, designating urban growth areas, and preparing and implementing comprehensive plans through capital investments and development regulations. TDLE is a "regional transit authority facility," which is an essential public facility under the GMA and is considered through local land use planning processes and development regulations.

The GMA, VISION 2050, and County and City land use plans covering the study area all connect future land use to a transportation system that can effectively support their development. For the regional and local jurisdictions in this study area, this has resulted in plans and policies that call for increased transit options, reduced reliance on single-occupancy vehicles, and the connection of regional growth centers. Specifically, PSRC's VISION 2050, adopted in 2020, articulates the region's integrated long-range growth management strategy: to guide growth, concentrate new employment in designated centers, and link the centers with high-quality multimodal transportation systems. Downtown Federal Way and Tacoma have been designated as regional growth centers for housing, employment, and public services growth, as well as for multimodal transportation connections and regional funding. TDLE will connect those regional centers to each other and beyond.

TDLE is included in Sound Transit's Long-Range Plan and in PSRC's Regional Transportation Plan. Local land regulations focus on the types of land uses permitted within certain zones and the scale to which development is allowed within these zones. Federal Way and Fife have provisions for the siting of Essential Public Facilities, which includes light rail.

Where local jurisdictions have adopted zoning regulations that encourage higher-density development and TOD where stations are planned, TDLE would be consistent with the intent and purpose of those regulations.

Sound Transit reviewed regional, state, and local plans, policies, and regulations to determine whether the project would be consistent. Each TDLE build alternative generally supports long-range planning and growth management visions. At the regional level, all the build alternatives would provide a regional transit system serving a growing transportation need in or near planned high-density areas, connecting Tacoma, Fife, and Federal Way to other regional growth centers, such as downtown Seattle. Consistency with local plans, policies, and regulations will also be addressed as part of the local approval process for siting TDLE.

4.2.5 Avoidance and Minimization of Impacts

The primary means of avoiding or minimizing land use impacts would be to locate the project within existing right-of-way. Change in land use from commercial, residential, or industrial use to transportation use, as well as zoning changes for TOD near stations, can result in impacts to transportation, economics, visual and aesthetic resources, air quality and greenhouse gases, noise and vibration, or park and recreational resources. Chapter 3, Transportation Environment and Consequences; Section 4.3, Economics; Section 4.5, Visual and Aesthetic Resources; Section 4.6, Air Quality and Greenhouse Gases; Section 4.7, Noise and Vibrations; and Section 4.17, Parks and Recreational Resources identify avoidance and minimization measures that would address TDLE's changes to land use. For example, visual impacts could be minimized by preserving existing vegetation when possible and adhering to local development standards,

design standards, guidelines, and design review, and construction impacts to adjacent businesses would be minimized through implementation of practices such as providing a 24-hour construction hotline and providing detour, open for business, and other signage as appropriate.

4.2.6 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above would be anticipated.

4.3 Economics

4.3.1 Introduction to Resource and Regulatory Requirements

This section identifies the potential effects on the local and regional economies. Large transit projects that displace businesses and employees can cause the loss of property tax revenue from land converted to transportation facilities. These conversions in land uses along the proposed transit corridor can be disruptive to businesses and communities but can also present new opportunities for economic activity. This economic analysis addresses the ways that land acquisition, construction, and operation of TDLE may impact local economic conditions along the project corridor and in the broader economic area.

In addition to the federal and state regulations, policies, and related resources that guide a major transit project environmental impact statement, the following regulatory and resource requirements were considered in the assessment of economic effects: Title 42 United States Code Section 4601, Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended; the Transit Cooperative Research Program (TCRP) Synthesis 128, Practices for Evaluating the Economic Impacts and Benefits of Transit (TCRP 2017); and the Economic Impact Case Study Tool for Transit (TCRP 2016).

4.3.2 Affected Environment

This analysis includes an assessment of potential economic effects of the proposed project alternatives across three different geographic scales:

- **Segment**: For each segment, site-specific business and employment impacts were evaluated from potential displacement of business activity and other changes in area economic conditions, including during project construction.
- **Municipal:** Potential displacement of business activity and loss of tax revenues were evaluated for the cities of Federal Way, Milton, Fife, and Tacoma.
- **Regional:** Potential impacts to regional economic activity, including the effects on jobs, labor, income, and gross regional product and labor, were assessed for project construction. Broader economic considerations associated with project operation were examined for King, Kitsap, Pierce, and Snohomish counties (located within an area referred to as the Puget Sound region study area). The regional area was studied to account for changes in the population's demand for goods and services within and outside the project corridor study area.

4.3.2.1 Regional Demographic and Economic Trends

As of 2020, the central Puget Sound region had a population of 4.3 million and 2.3 million jobs, and it is anticipated to grow considerably, reaching nearly 6 million residents by 2050 (PSRC 2021). This growth is characterized by the transformation of smaller cities and suburban areas like Tacoma and Federal Way into denser urban centers. Key industries driving this expansion include Aerospace, led by Boeing with 121,000 employees, and the Information and Communication Technology sector, which grew at an annual rate of 10.6 percent from 2015 to 2020 and employed over 260,000 people in 2020. Major companies such as Microsoft and Amazon are substantial contributors to this growth, employing 58,000 and 75,000 workers, respectively. Other important sectors, like Maritime and Military and Defense, also play vital roles in the regional economy, with facilities such as Naval Base Kitsap providing $4 billion in annual economic impact and employing over 33,000 workers.

Despite these economic strengths, the region experiences considerable disparities in economic prosperity and access to opportunities. Median household incomes vary widely by county, with King County leading at $95,000, while Kitsap and Pierce counties are below $77,000. Racial and ethnic disparities are also prominent, as Asian households have the highest average income of $104,000, while Black, Hispanic/Latino, and Pacific Islander households earn notably less. Black households earn an average of $58,000, which is $30,000 below the regional median. These disparities highlight ongoing challenges in ensuring equitable access to the region's economic growth and opportunities (PSRC 2021). Overall, the trends of continued growth in employment and income in the region support the forecasts of continued growth in travel demand within the region and along the TDLE corridor. See Appendix H3, Economics Supporting Information, for more details.

4.3.2.2 Demographic and Economic Trends in TDLE Segments

Demographic and economic trends in the TDLE study area were assessed by using Forecast Analysis Zone estimates developed by PSRC as part of their Land Use Vision – Implemented Targets (PSRC 2023). The growth trend seen at the regional level is reflected in each segment of TDLE. Within each segment, population, and household, all the employment categories are projected to grow at least of 0.9 percent per year between 2018 and 2050. Appendix H3, Economics Supporting Information, contains additional detail about growth rates.

4.3.2.3 Local Revenue Sources

Table H3-3 in Appendix H3, Economics Supporting Information, provides a tax revenue breakdown for the cities of Federal Way, Milton, Fife, and Tacoma. In Federal Way, the total tax revenue for the 2023 budget year is approximately $145.7 million, with property tax and sales tax contributing 8.07 percent and 13.06 percent, respectively. Milton’s total tax revenue is around $5.8 million, primarily from property tax (26.95 percent) and sales tax (37.54 percent). Fife generates approximately $24.7 million in total revenue, with taxes constituting 70.65 percent of this amount. Tacoma has the highest tax revenue among the cities, totaling about $615.2 million (biennial total), mainly from property tax (22.03 percent), sales tax (23.91 percent), and utility tax (19.60 percent). Revenue sources from Pierce County are not included because no businesses would be displaced in unincorporated Pierce County.

4.3.2.4 Regional Transportation of Goods and Services

Washington’s economy is heavily reliant on efficient freight corridors. Both consumers and businesses in the Puget Sound region depend on the efficient and safe movement of goods. The primary truck freight corridor for regional and interstate commerce is I-5, which is congested during peak travel times. This congestion leads to longer travel times, increased operating costs, increased consumption of carbon-based fuels, reduced air quality, and decreased freight mobility and reliability. Existing congestion can be a burden on industries that rely on existing freight corridors to move goods to market.

Despite this existing condition, freight mobility and access are expected to improve after completion of the SR 167 Completion Project, which is planned to be completed by 2028. The SR 167 project would create a new regional highway connection to and from I-5 within the TDLE study area and would be a major freight route. The highway expansion project would allow freight traffic to travel directly to SR 509. As a result, freight mobility may be improved between major freight activity centers, such as the Port of Tacoma.

The City of Tacoma also plans to implement a Portland Avenue Freight Access Improvement Project, which includes lane changes and traffic signal changes that could increase freight mobility. The City's multimodal planned improvements along Puyallup Avenue may add some vehicle delay and congestion to Puyallup Avenue. More specific information about what these projects entail is included in Chapter 3, Transportation Environment and Consequences.

4.3.2.5 Comprehensive Plans and Regional Growth Centers

TDLE alternatives are within the cities of Federal Way, Milton, Fife, and Tacoma, and in King and Pierce counties. These jurisdictions have a range of comprehensive, manufacturing, and industrial, and sub-area plans and policies and goals, and the project alternatives can be considered in the context of these various plans and designations. Appendix H3, Economics Supporting Information, includes a discussion of key comprehensive land use planning factors for each TDLE segment along with a discussion of the relevant project corridor segment alternatives.

4.3.3 Environmental Impacts

4.3.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). These projects may contribute to the alleviation of traffic congestion, but the No-Build Alternative would leave a gap in the regional light rail system and would not improve local or regional transit access to communities served by TDLE. Without the proposed TDLE, the resulting level of service across the local and regional transit system would be lower than planned under Sound Transit 3.

Absent TDLE, localized traffic congestion could be worse under the No-Build Alternative. Traffic congestion can increase living expenses and the costs associated with doing business, as well as reduce the attractiveness of a location to potential consumers, businesses, and residents. Under the No-Build Alternative, future economic development near the proposed station areas would continue on its current course for the foreseeable future and in accordance with current planning goals.

While it is likely that a No-Build Alternative would result in a different pattern of economic development and property development than with TDLE, changes to the local business environment would occur regardless of whether TDLE is built. This includes business and employee displacements that could happen in the natural process of changing business dynamics and land development.

4.3.3.2 Long-Term Impacts for the Build Alternatives

The TDLE project has the potential to advance local and regional plans by enhancing the transportation network to include additional light rail travel options, promoting vibrant dense community development supportive of less reliance on automobiles, and increasing economic development. Changes to the local business environment and surrounding neighborhoods may occur as a result of extending the light rail to the area. The continued viability of surrounding businesses depends in some cases on the effects of these changes, which are classified as either direct, indirect, or cumulative impacts. Cumulative impacts are discussed in Chapter 5, Cumulative Impacts. Direct economic impacts include business and employee displacements, potential tax impacts associated with business displacements, changes to regional transportation of goods and services, and changes in development patterns. Indirect economic impacts include

changes that occur as a result of the project's presence in certain areas and the TOD that may follow. Indirect economic impacts are discussed in Section 4.3.3.4, Indirect Impacts.

Impacts and Benefits Common to All Alternatives

All TDLE build alternatives would displace businesses and acquire commercial, industrial, and institutional properties as discussed in Section 4.1, Acquisitions, Displacements, and Relocations. These acquisitions and displacements would change economic activity at or near the alternatives and the affected city or broader Puget Sound region. For example, corresponding effects on property taxes may shift the tax burden to other businesses and residents within that city. An increase in passenger rail capacity could help to minimize future increases in traffic congestion. If displaced businesses relocate outside of the city or region, business and occupation taxes and retail sales taxes may initially experience a reduction in revenue for that area. Lastly, major changes in commercial zoned land may result in new development patterns that deviate from recent trends. However, the regional economic impacts from all the build alternatives would be small since most displaced economic activity would likely relocate somewhere in the region.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the M.O.S. to the station in Fife would have the same type of economic impacts and benefits, just in a smaller geographic area. Impacts would include the displacement of businesses and employees and the potential to slightly reduce sales tax revenue. Benefits would include additional jobs associated with construction and operation.

Potential Benefits

The potential benefits of the project come from two sources. Light rail construction will stimulate job growth in the Construction sector from the one-time construction-related spending. There will also be ongoing benefits from the efficacy of mobility gains that occur in and around light rail stations. These ongoing benefits are discussed in more detail as indirect impacts of the project; however, they do not cover real estate and economic development gains around station areas.

Business and Employee Displacement

The building of the light rail line requires new right-of-way acquisitions of properties that may disrupt or displace businesses along the transit corridor. The effects of potential business displacement are complex and can be a sensitive topic in the impacted communities. Displacement of local businesses can affect residents and businesses alike.

Often the direct impacts for displaced businesses are financial, but this does not capture the broader business characteristics associated with potential displacement. Businesses are affected differently based on their characteristics such as firm size, prominence in the community, and employment impact. For example, small and minority-owned businesses that rely on a localized customer base may have more difficulty finding substitute locations for relocation. Businesses that use machinery or hazardous substances may require large parcels or certain zoning or have undesirable production outcomes, such as waste and pollution, that make relocation difficult. Access to substitute locations may allow businesses to relocate but could also diminish access to existing pools of labor.

Direct displacement can occur as a result of property being acquired for project needs, which requires the business to move operations. Table 4.3-1 shows the estimated businesses and employee displacements.

Table 4.3-1 Estimated Businesses and Employees Displacements

Alternative	Business Displacements	Estimated Employee Displacements
Federal Way Segment		
Preferred FW Enchanted Parkway	0	0
Preferred FW Enchanted Parkway with Design Option	0	0
South Federal Way Segment		
SF Enchanted Parkway[1]	14	200
SF I-5	7	40
SF 99-West	25	250
SF 99-West with Porter Way Design Option	23	240
SF 99-East	25	300
SF 99-East with Porter Way Design Option	24	290
Fife Segment		
Fife Pacific Highway	28	280
Fife Pacific Highway with 54th Avenue Design Option	50	160
Fife Pacific Highway with 54th Span Design Option	54	250
Fife Median	12	240
Fife Median with 54th Avenue Design Option	24	120
Fife Median with 54th Span Design Option	28	210
Fife I-5	17	120
Fife I-5 with 54th Avenue Design Option	34	230
Fife I-5 with 54th Span Design Option	40	270
Tacoma Segment		
Preferred Tacoma 25th Street-West	9	90
Tacoma 25th Street-East	9	90
Tacoma Close to Sounder	43	140
Tacoma 26th Street	13	100

Sources: King County Department of Assessments (2023), Pierce County Assessor (2023), U.S. Department of Energy Information Administration workbook (2016). The employee numbers are estimates and rounded to the closest 10.

Notes: This analysis is based on affected businesses estimated to be displaced by project alternatives from property acquisition. The associated number of displaced employees due to property acquisition is an estimate and was based on the building size (King County Department of Assessment and Pierce County assessor data) and the type of business activity using square-foot-per-employee factors from the U.S. Department of Energy.

Federal Way Segment

The alternative and design option in the Federal Way Segment would primarily impact residential uses adjacent to I-5. Both the Preferred FW Enchanted Parkway Alternative and Preferred FW Enchanted Parkway with Design Option have no anticipated business displacements.

South Federal Way Segment

The alternatives in the South Federal Way Segment would primarily impact food, retail, and service businesses located on commercial land uses near I-5, along Enchanted Parkway, or along Pacific Highway (SR 99).

The SF Enchanted Parkway Alternative would displace an estimated 14 businesses, primarily adjacent to the Federal Way Shopping Center, including Heidelberg Materials, a ready-mix concrete supplier, and the Campus Square Shopping Center, including a large number of restaurants, such as Popeyes and Olive Garden. The SF I-5 Alternative would displace an estimated seven businesses, including the Jet Chevrolet and a car repair center. The SF 99-West Alternative would displace an estimated 25 businesses in shopping centers, such as the Campus Square Shopping Center and others that contain a small number of restaurants. It would also displace Fire King of Seattle: Fire Safety & Cylinder Services, Daffodil Storage, and other RV and auto-related services. The SF 99-East Alternative would also displace an estimated 25 businesses, many of which are the same businesses as the SF-99 West Alternative, as well as the DBM Contractors office building and equipment site and 7-Eleven. The inclusion of the Porter Way Design Option would reduce displacements by approximately one or two business for the SF 99-East and SF 99-West alternatives. Table 4.3-1 shows the estimated employee displacements associated with the businesses.

Fife Segment

A majority of potentially affected properties in the Fife Segment are on commercial zoned land. These properties include mostly food, retail, and service businesses adjacent to Pacific Highway and I-5.

The Fife Pacific Highway Alternative would displace an estimated 38 businesses. This alternative would avoid displacement of car dealerships, but would displace several retail buildings. These displacements include three buildings within the Fife Business Park, two of which are fast food restaurants, and the other building include approximately six retail storefronts, and the Fife Pacific Plaza, which includes about 15 smaller commercial and food service stores. It would also displace the Pick-Quick Drive In, a local small business. The Fife Pacific Highway Alternative with the 54th Avenue Design Option or the 54th Span Station Option would displace 12 to 14 additional businesses, mostly commercial, within the Fife Square Shopping Mall.

The Fife Median Alternative would displace an estimated 12 businesses. It differs from the Fife Pacific Highway Alternative by not displacing the properties along the south side of the Pacific Highway between Willow Road E and Alexander Avenue E. The Fife Median Alternative with the 54th Avenue Station Option or the 54th Span Station Option would displace 12 to14 additional businesses in shopping centers and office spaces.

The Fife I-5 Alternative would displace an estimated 17 businesses. More than half of the Fife I-5 Alternative displacements would be within the Fife Business Center, including the New Community Church. The elevated guideway along I-5 could visually block signage for car dealerships and other businesses, but the businesses would remain visible. The Fife I-5 Alternative with the 54th Avenue Station Option or the 54th Span Station Option would displace 17 to 23 additional businesses.

Tacoma Segment

In the Tacoma Segment, the alternatives would primarily affect properties with industrial and commercial uses and institutional and vacant land.

Both the Preferred Tacoma 25th Street-West and the Tacoma 25th Street-East alternatives would impact the same number of businesses (nine), the largest of which include a piping contractor, a recreational soccer and martial arts business, and U-Haul. For these alternatives,

the business displacements at the Portland Avenue Station account for the majority of the business displacements.

The Tacoma Close to Sounder Alternative would displace an estimated 43 businesses. It displaces many of the same businesses as the Tacoma 25th Street alternatives, with additional employee displacements due to the potential removal of the Freighthouse Square building, which accounts for about 30 business displacements. Freighthouse Square is a large retail center featuring specialty retailers and food vendors.

The Tacoma 26th Street Alternative would displace an estimated 13 businesses. It would avoid displacing businesses within Freighthouse Square but would displace four businesses for the Tacoma 26th Street Station and another business for a relocated bus facility on E 27th Street between East D and East F Streets.

Raceway Technologies, an industrial-oriented business, (a company providing underground, power, communication, fiber optic, and utility products) would be displaced by all the alternatives in the Tacoma Segment.

Commercial, Industrial, Public, and Institutional Properties Acquired

All the build alternatives would require property acquisitions and have changes in commercial land uses to support public transportation uses. Businesses on commercial, industrial, and institutional properties generate local tax revenues; provide employment opportunities; and contribute to the local economy. Displacement of such businesses and a reduced inventory of commercial property could result in slightly reduced sales tax revenue unless 1) zoning regulations are amended to allow for more commercial development or more intense commercial development uses; 2) displaced businesses relocate in the same city; or 3) new commercial development increases.

Table 4.2-1, in Section 4.2, Land Use, provides a summary of commercial and industrial land use conversions to public transportation uses. Most commercial and industrial land use conversions would occur within the Fife and South Federal Way segments. For all segments and alternatives, Table 4.1-3, in Section 4.1, Acquisitions, Displacements, and Relocations, provides more detail on the commercial, industrial, public, and institutional property acquisitions that would be affected.

Federal Way Segment

The Preferred FW Enchanted Parkway with or without the FW Design Option would not displace any businesses. However, each segment option would remove an acre of commercially zoned land. These options are not expected to have any impact on the city's sales tax base.

South Federal Way Segment

All alternatives in the South Federal Way Segment would acquire just 0.2 percent of commercial or industrial zoned land within the City of Federal Way.

Fife Segment

All Fife Segment alternatives would acquire at least 1.3 percent of the City of Fife's commercial and industrial zoned land. With similar levels of acquisitions and land use conversions, all of the build alternatives would have a similar impact on sales tax revenues for the City of Fife.

Tacoma Segment

None of the alternatives would require acquisition of more than a negligible share of the City of Tacoma's commercially zoned land; however, the Tacoma 26th Street Alternative would acquire the most, accounting for 0.02 percent of the city's mixed-use land. It would have the most commercial, industrial, public, and institutional acquisitions, the second-highest acreage of land use conversions, and the largest acquisition of mixed-use land.

Impact of Acquisitions and Displacements on Tax Base of Cities

All TDLE alternatives would acquire parcels that have existing commercial or industrial activity; businesses located within these parcels pay sales and/or Business and Occupation tax, and their acquisition could result in the initial reduction of these taxes. Calculating the potential tax reduction is difficult given the inability to know exactly how many businesses would relocate and remain within each city. If such businesses were to relocate within the city, they would continue paying sales and Business and Occupation taxes, and there would be no effect on the city tax base.

As with sales and Business and Occupation taxes, it is difficult to calculate specific property tax impacts due to the complexity of property tax policies in the State of Washington. The acquisitions would not initially reduce property taxes due to the budget-based system that limits the growth of property tax revenues (Washington State Initiative 747 and subsequent legislative action cap city property tax revenue growth at 1 percent per year, plus some add-on value from new construction). In addition, the conversion of taxable assessed valuation to exempt assessed valuation would shift the property tax burden to other residential and commercial taxpayers, which initially contributes to minimizing impacts to property taxes.

The reduction of developable properties may also decrease property tax revenues by lowering the potential for new construction on acquired properties. This may require changes in local government budgets or an increase in rates to taxpayers to recover budgeted funds. On the other hand, taxes on new construction in close proximity to station areas (TOD or transit-adjacent developments) may increase property tax revenues in future years. Table 4.3-2 displays the total taxable assessed valuation of real property for TDLE acquisitions by alternative.

The overall impact to each city's tax base is expected to be small given the reduction in taxable assessed valuation of acquired properties in relation to each city's overall tax base. For all cities, the total taxable assessed valuation of real property for TDLE acquisitions with a business displacement would account for less than 1.2 percent of the city's overall assessed valuation in 2020 (2022 values are updated for City of Fife).

These initial effects do not capture the full potential long-term fiscal impacts that could occur as a result of the project. Some of the initial tax revenue displacement may be offset by future construction elsewhere in the jurisdiction. Not all the land required by Sound Transit may be needed permanently, and unused surplus land could be redeveloped after project completion. The long-term implications of the fiscal impacts associated with the project also depend on business decisions and consumer demands. For example, some displaced businesses may relocate to other sites in the local area. Retaining those displaced businesses could reduce the effect on local sales taxes. Moreover, if the project were to promote future development and investment in local municipalities, property tax assessments may foreseeably expand, increasing overall property tax bases for local municipalities. Overall, long-term property tax impacts are expected to be small, and it is difficult to determine if the result of TDLE on property tax assessments would be a net gain or loss to the region.

Table 4.3-2 Total Existing Taxable Assessed Valuation by Alternative

Alternative	Total Taxable Value	Jurisdictional Total Taxable Value	Acquired Jurisdictional Taxable Value %
Federal Way Segment			
Preferred FW Enchanted Parkway	$0	$11,006,767,650	0.0000
Preferred FW Enchanted Parkway with Design Option	$0	$11,006,767,650	0.0000
South Federal Way Segment			
SF Enchanted Parkway	$25,624,200	$11,006,767,650	0.0023
SF I-5	$7,087,400	$11,006,767,650	0.0006
SF 99-West	$31,515,200	$11,006,767,650	0.0029
SF 99-West with Porter Way Design Option	$28,973,900	$11,006,767,650	0.0026
SF 99-East	$29,884,500	$11,006,767,650	0.0027
SF 99-East with Porter Way Design Option	$27,519,400	$11,006,767,650	0.0025
Fife Segment			
Fife Pacific Highway	$47,142,700	$3,792,462,521	0.0124
Fife Pacific Highway with 54th Avenue Design Option	$22,701,600	$3,792,462,521	0.0060
Fife Pacific Highway with 54th Span Design Option	$30,123,900	$3,792,462,521	0.0079
Fife Median	$38,190,600	$3,792,462,521	0.0101
Fife Median with 54th Avenue Design Option	$13,749,500	$3,792,462,521	0.0036
Fife Median with 54th Span Design Option	$21,171,800	$3,792,462,521	0.0056
Fife I-5	$15,668,300	$3,792,462,521	0.0041
Fife I-5 with 54th Avenue Design Option	$22,248,400	$3,792,462,521	0.0059
Fife I-5 with 54th Span Design Option	$26,392,800	$3,792,462,521	0.0070
Tacoma Segment			
Preferred Tacoma 25th Street-West	$10,126,700	$32,680,634,175	0.0003
Tacoma 25th Street-East	$10,282,100	$32,680,634,175	0.0003
Tacoma Close to Sounder	$15,378,100	$32,680,634,175	0.0005
Tacoma 26th Street	$13,782,900	$32,680,634,175	0.0004

Source: Pierce County Assessor Data, April 2023, for Fife and Tacoma segments. Pierce County Assessor Data, April 2023, and King County Department of Assessments Data, April 2023, are used for the South Federal Way Segment. King County Department of Assessments Data, April 2023, is used for Federal Way Segment. The parcels within the cities of Fife, Federal Way, Tacoma, and Milton were selected and summarized to provide the jurisdictional totals.

Long-Term Impacts on Tribal Fishing

Tribal coordination and consultation will occur as the project progresses to avoid or minimize long-term impacts to fish, fish habitat, Tribal fishing, and the economics of Tribal fishing.

Between 1854 and 1856, the United States government negotiated a series of federal treaties with western Washington Tribes. As part of the treaties, Tribes ceded millions of acres of land and were relocated onto small reservations; however, they reserved their rights to fish, hunt and gather in their usual and accustomed places. The TDLE project would cross the Puyallup River and other streams draining into Commencement Bay, which are within the ancestral and reservation lands of the Puyallup Tribe of Indians and where the Puyallup Tribe has treaty-protected fishing rights.

All TDLE alternatives would include a bridge over the Puyallup River at approximately the same location, just north of the I-5 bridge. There are existing transportation facilities that cross the river and impact the aquatic environment in this immediate area. The potential impact of the alternatives to aquatic habitats and Tribal fishing within the Puyallup River would differ based on whether a long-span bridge option or pier-supported bridge option is selected. Long-term impacts of a new bridge could affect salmon and Tribal fisheries in the Puyallup River.

- Long-span bridge option – With a long-span bridge, there would be fewer impacts on aquatic habitats and Tribal fisheries. The long-span bridge would be narrower and higher above the water than the existing I-5 bridge (approximately 110 feet above water and about 50 feet above the I-5 bridge) and no in-water structures would be needed to support the bridge. The higher, narrower structure spanning the river would have less shading than the pier-supported bridge option.
- Pier-supported bridge option – With a pier-supported bridge, Tribal fisheries and habitat conditions for fish such as the ESA-listed Chinook salmon, steelhead, and bull trout would be affected by the piers and the bridge. The pier-supported bridge would be approximately 60 feet above the water, which is about 10 feet above the I-5 bridge and about 50 feet lower than the long-span bridge. Shade from the pier-supported bridge and new areas of slow water resulting from the new piers could increase the risk of predation on juvenile salmonids.

Additional information on long-term impacts and mitigation measures to the aquatic habitats of the Puyallup River are discussed in Section 4.9, Ecosystems.

TDLE would add an additional crossing over the Puyallup River, but is not anticipated to have long-term economic impacts to Tribal fishing.

4.3.3.3 Construction Impacts for the Build Alternatives

Construction often results in short-term impacts and changes to the surrounding area. The benefits of construction mainly come in the form of capital expenditures, opportunities for entering the labor market through construction jobs, the purchasing of local goods and services needed for construction, and construction employees spending money in the community. Other potential effects of construction are often associated with limiting business visibility and access, traffic delays, noise, and rerouting traffic in ways that increase travel time and make access to locations difficult.

Potential Beneficial Economic Impacts from Construction

The current TDLE project schedule estimates project construction beginning in 2029 and being completed by 2035. Capital expenditures on light rail projects could support regional economic activity through the purchase of goods and services and labor in the study area. The economic contributions from construction projects are often temporary in nature and occur as construction spending unfolds. However, expansionary projects that strengthen the capacity of a region to increase economic output more efficiently may have broader long-run benefits than what is typically measured in short-run economic impact analyses. How much construction increases employment and spending depends on the source of project funding and the types of workers used during project construction.

Table 4.3-3 provides an estimated range of the direct expenditures and the number of employees who would be hired based on cost estimates of the alternatives. The number of direct employees was calculated using the Washington Office of Financial Management Input-Output Model (a detailed accounting of the structure of the Washington State economy including industry linkages).

The preferred approach for this type of analysis is to account only for new capital funding, not supported by local tax dollars, that would flow into the region for each alternative. Since that information is not available yet, the values represent the gross contributions, or an “economic footprint” associated with each alternative. As such, it represents an upper-bound estimate of economic activity associated with the project.

Overall, the proposed alternatives would support economic activity in the region by increasing demand for the construction industry. Additionally, the wages paid to workers in construction and supporting industries would increase consumption in the region. However, as this is not a net analysis, these results do not delineate between new economic activity and activity postponed because of the project. Additionally, the analysis does not account for the opportunity cost of spending the funds associated with the project on another public project.

The direct estimates represent spending and jobs directly related to the project build alternatives. Total employment accounts for both the direct and secondary (supply chain and consumption) effects associated with each alternative. These secondary effects are represented by economic multipliers, which trace how spending is distributed across other industries to support economic activities in a study region.

Construction spending (excluding land and equipment) tends to have a high multiplier as many of the labor and capital inputs are supplied locally. This analysis generalized output multipliers to describe the potential economic impact. Based on the multipliers in the 2021 update of the Washington State Input-Output model, every $1 million spent on construction activity supports an additional $574,000 in economic output. As mentioned previously, expansionary projects can result in increased economic capacity but contribute directly to only a short-run increase in output and jobs. Often the impacts calculated from construction spending dissipate as project spending declines.

Table 4.3-3 Estimated Direct Expenditures and Direct Employment during Construction[1]

Cost Estimates and Employment (FW Enchanted Parkway to SF Enchanted Parkway to Fife Pacific Highway to Tacoma 25th-West)	Project Construction
Direct expenditures[2] ($B)	$2.935
Total (direct and secondary) employment (job-years[3])	18,410
Cost Estimates and Employment (FW Enchanted Parkway to SF Enchanted Parkway to Fife I-5 to Tacoma 25th-West)	**Project Construction**
Direct expenditures[2] ($B)	$2.943
Total (direct and secondary) employment (job-years[3])	18,460
Cost Estimates and Employment (FW Enchanted Parkway to SF 99-West to Fife Pacific Highway to Tacoma 25th-West)	**Project Construction**
Direct expenditures[2] ($B)	$2.850
Total (direct and secondary) employment (job-years[3])	17,880
Cost Estimates and Employment (FW Enchanted Parkway to SF 99-West to Fife I-5 to Tacoma 25th-West)	**Project Construction**
Direct expenditures[2] ($B)	$2,858
Total (direct and secondary) employment (job-years[3])	17,930
Cost Estimates and Employment (FW Enchanted Parkway to SF 99-East to Fife Pacific Highway to Tacoma 25th-West)	**Project Construction**
Direct expenditures[2] ($B)	$2.951
Total (direct and secondary) employment (job-years[3])	18,510
Cost Estimates and Employment (FW Enchanted Parkway to SF 99-East to Fife I-5 to Tacoma 25th-West)	**Project Construction**
Direct expenditures[2] ($B)	$2.958
Total (direct and secondary) employment (job-years[3])	18,560

Source: Sound Transit and Washington Office of Financial Management (OFM) Input-Output Model, 2021 Update Model.

Notes:

(1) Estimates were done for representative alignment scenarios. All scenarios include the Preferred FW Enchanted Parkway and Preferred Tacoma 25th-West alternatives.

(2) Direct expenditures exclude contingency, vehicles, right-of-way, and equipment (guideway, systems) spending.

(3) A job-year is defined as full-time employment for one person over the course of a year (assuming 2,080 hours of employment per year). A job-year could occur in a single calendar year, could involve more than one position within a calendar year, or be spread out over more than one calendar year.

(4) The multipliers from the Washington OFM Input-Output Model represent the State of Washington and differ from economic multipliers created for the four-county PSRC region.

Other Potential Economic Impacts from Construction

Construction of TDLE could change traffic circulation, parking, access, noise, and visual effects, all of which have the potential to affect local businesses and workers near the construction area. Potential impacts could include reduced sales resulting from changes to traffic, parking, access, noise, and visuals, as patrons might choose to avoid construction areas or have greater difficulty accessing retail businesses near construction activity. These construction impacts affect retail and service businesses most directly, with associated loss in sales tax revenues. The extent and duration of the interference, the location of competitors, and the type of affected

business would all influence the degree of economic effects to local businesses resulting from construction.

Construction Impacts on Tribal Fishing

Construction of TDLE may have a potential impact on Tribal fishing within the Puyallup River. A pier-supported bridge option crossing the Puyallup River would have greater construction-related impacts on aquatic habitats and aquatic life within the Puyallup River as compared to the long-span bridge, including possible injury and mortality of fish, shade from overwater work trestles, and localized increases in turbidity. Construction of cofferdams or steel casings in the river for the pier-supported bridge option could temporarily limit the space available for fishing and temporarily restrict navigation on the river around active construction areas. Barges or over-water access structures would be required to construct foundations in water and would be moored outside of the navigation channels, which may disrupt space available for Tribal fishing boats to navigate the river. Species that support Tribal fisheries may face adverse effects as a result of the changes that construction of the pier-supported bridge would bring. The environmental documentation associated with WSDOT's installation of the I-5 bridge between 2015 and 2019 identified adverse impacts due to the mortality or injury of fish during in-water construction and exposure to underwater sound pressure from in-water pile driving. Disruption to salmon populations may have an impact on fishing, both for sustenance and for income, for the Puyallup Tribe of Indians if construction reduces the number of fish. Construction work occurring in water would be subject to work-window restrictions to protect ESA-listed and other fish, along with timing restrictions for Tribal fishing and ceremonial activities. The precise timing of the work windows will be determined during the environmental approval process with USFWS, NMFS, USACE, and the Puyallup Tribe of Indians. No in-water construction work would be required for building the long-span bridge option. Additional information on construction impacts to the aquatic habitats of the Puyallup River is discussed in Section 4.9, Ecosystems.

The construction of the long-span bridge may also impact aquatic life within the Puyallup River when the support columns immediately adjacent to the river are constructed. Noise and vibration could possibly cause injury and mortality of fish. There would be shade from overwater work trestles during construction.

During construction of either bridge option, boat traffic may be directed to navigate in the center of the river to avoid active construction areas. The river would remain navigable to ensure Tribal members' rights to their fisheries along with maintaining their economic and cultural importance.

Construction Impacts Common to All Alternatives

Construction-related disruptions to traffic, transit operations, freight access, nonmotorized access, and the availability of nearby parking could potentially impact business operations within the construction vicinity.

Different businesses have unique needs. For example, destination businesses, with a customer base familiar with the business and seeking its location as a destination, would be concerned about the general performance of the transportation infrastructure. Opportunity businesses, such as restaurants, which rely on incidental patronage from customers passing by, would be concerned about localized factors, such as business visibility, ease of access to the specific site, parking, pedestrian accessibility, and amenities.

Longer intersection queues and slower travel times may lead some consumers to opt for more accessible alternatives, make it more difficult for delivery trucks to deliver goods, and increase the costs incurred by employees when traveling to work. These changes in transportation costs

could change the cost of production and the quantities of goods and services produced by impacted businesses.

Avoidance and Minimization of Construction Impacts

Sound Transit has established standard practices, which includes early collaboration with jurisdictions, to avoid and minimize impacts during construction, many specifically to address and respond to the needs of businesses through the course of construction. The following practices would be part of the project and incorporated into construction plans as applicable:

- Provide a 24-hour construction telephone hotline.
- Provide business cleaning services on a case-by-case basis.
- Provide detour, open for business, and other signage as appropriate.
- Establish effective communications with the public through measures such as in-person and remote meetings, construction updates, alerts, and schedules.
- Implement promotion and marketing measures to help affected business districts maintain their customer base, consistent with Sound Transit policies, during construction.
- Maintain access as much as possible to each business and coordinate with businesses during times of limited access.
- Facilitate cross-jurisdictional meetings during construction planning and implementation to minimize impacts and coordinate communication with businesses.
- Coordinate with local jurisdictions on holiday moratoriums.
- Provide an ombudsman consistent with Sound Transit policy. In the event that complaints arise about construction impacts that cannot be resolved by community outreach staff or the relevant department director, the ombudsman policy provides a process for addressing those complaints in an impartial, fair, and timely manner that ensures effective stewardship of public resources and minimizes construction impacts.

Impacts on fish and fish habitat would be avoided and minimized through environmental permitting and reviews, including the following:

- Tribal coordination, consultation, and reviews, including with the Puyallup Tribe of Indians and Muckleshoot Indian Tribe, which both have usual and accustomed fishing rights in the Puyallup River.
- ESA Section 7 consultation with USFWS and NMFS (applies to Chinook salmon, steelhead, and bull trout).
- Review of potential effects on essential fish habitat, as required under the Magnuson-Stevens Fishery Conservation and Management Act (applies to Chinook, coho, and pink salmon).
- Application for a Hydraulic Project Approval from Washington Department of Fish and Wildlife (WDFW).
- Critical area reviews by local jurisdictions.

As part of the coordination and consultation that will occur as the project progresses, Sound Transit would implement suggestions from Tribes and regulators to minimize impacts to fish and fish habitat, to the extent practicable. Section 4.9, Ecosystem Resources, of this Draft EIS includes additional information on potential construction impact on aquatic species and habitats.

4.3.3.4 Indirect Impacts

TDLE could result in indirect economic impacts on the surrounding area. Indirect impacts are potential effects related to the project but not part of it, and that may occur separated by distance or time but are still reasonably foreseeable. Some changes may include increased economic activities, TOD, increased business activity around transit stations, higher density and mixed land uses, and redevelopment.

Development of the light rail would likely increase economic activity in areas near TDLE stations, resulting in increased development and redevelopment potential, more dense and mixed land uses, and increased property value. All cities within the walk/bike shed of TDLE stations support more mixed land uses and expansion of transportation systems in their comprehensive plans, goals, and policies. TDLE would help accomplish these goals by bringing high-capacity transit and connections to transportation corridors. Appendix H2, Land Use, includes a detailed description of the applicable comprehensive plans and consistency with the proposed project.

TDLE would increase high-capacity transit access to centers within Federal Way and Tacoma and to areas promoting transit development such as in the Federal Way City Center, Fife's planned City Center, and Tacoma's downtown. It would encourage TOD in the urban centers where zoning is in place to accommodate this type of growth. Higher-than-typical densities, consumer retail and services, and pedestrian amenities serve as important supports for TOD. Thus, the degree to which TOD occurs would be influenced by the degree to which the existing built environment context and local land use/development controls in each station area support the creation of compact, walkable, and mixed-use urban environments.

There may also be opportunities for TOD on potential Sound Transit surplus property after construction of the transit project is complete. Sound Transit's Equitable Transit Oriented Development Policy (Board Resolution No. R2018-10, Sound Transit 2018) calls for the agency to explore opportunities for joint or co-development of transit facilities with other uses where feasible, consider TOD potential in project design and property acquisition, and prioritize affordable housing in joint development or surplus property redevelopment decisions. Sound Transit works collaboratively with local and regional stakeholders to realize TOD projects.

As TDLE expands transit and mobility access throughout the project area, it would likely increase the convenience, visibility, and desirability of the surrounding residential and commercial properties. This would cause heavier pedestrian activity near stations and existing nodes of economic activity, which could increase the potential patronage of retail businesses in the area. Convenient light rail access may also bring more employees who are interested in decreasing their commute time to live in the area.

Gains in property values and real estate market performance are often made through the synergy of proximity, density, mixed uses, and pedestrian friendliness (Transportation Research Board 2004; Cervero 2004), all of which TDLE would advance by serving as a catalyst for TOD. Many case studies have found that residential and commercial properties within the vicinity of light rail stations typically experience an increase in property values and are ultimately valued higher than similar properties not located near light rail stations (Transportation Research

Board 2004; Nelson et al. 2015; Nelson 2017), especially if pedestrian infrastructure is added (Bartholomew and Ewing 2011). However, property values may be affected by more than just access to high-capacity transit; property values may also be affected by fluctuations in national and local economies, consumer confidence, and local development pressures. Any gains in property values may also take time to accrue given the time needed for TOD implementation. This is particularly true in new or emerging TOD markets since there may be few comparable projects in the area to help demonstrate market demand for this development product. The development process could be further impeded by a lack of available public infrastructure needed to support greater development intensity, such as roadways and utilities, and due to complex development requirements that may delay a proposed TOD project.

The project could also result in negative effects to surrounding properties along the TDLE corridor. The negative operations effects could include impaired road access and traffic flow shifts or restrictions, decreased parking, noise increases, and impaired visibility that could reduce patronage of a business or property values. These effects would have to be distinctly greater than what currently exists for decreases in business patronage and property values to materialize.

Indirect displacement may also occur as a result of new development patterns that increase rents or saturate the local market area with similar businesses, drawing away sales from existing businesses. Displacement could directly and indirectly occur as the result of changing land uses that require the businesses operations to resume in a different location. Chapter 3, Transportation Environment and Consequences, Sections 4.7, Noise and Vibration, and Section 4.5, Visual and Aesthetics, address traffic, noise, and visual effects and describe these issues in more detail.

4.3.4 Potential Mitigation Measures

Long-term operation of TDLE is not anticipated to result in economic impacts that would require mitigation. Relocation assistance for business displacements is discussed in Section 4.1, Acquisitions, Displacements, and Relocations. Mitigation measures associated with transportation, visual, noise, and vibration impacts are discussed in Chapter 3, Transportation Environment and Consequences; Section 4.7, Noise and Vibration; and Section 4.5, Visual and Aesthetics. Mitigation measures for long-term impacts to aquatic habitats in the Puyallup River are discussed in Section 4.9, Ecosystems.

Construction of the proposed project may result in impacts to nearby businesses due to reduced access or general construction activity. Avoidance and minimization measures for construction impacts are addressed in Section 4.3.3.3, Construction Impacts. Measures presented in Chapter 3, Transportation Environment and Consequences; Section 4.7, Noise and Vibration; Section 4.5, Visual and Aesthetics; Section 4.1, Acquisitions, Displacements, and Relocations; and Section 4.9, Ecosystems, would also minimize and mitigate construction-related impacts discussed in this report.

4.4 Environmental Justice, Social Resources, Community Facilities, and Neighborhoods

4.4.1 Introduction to Resource and Regulatory Requirements

This section discusses how TDLE could affect environmental justice, social resources, including community facilities, neighborhood character, community cohesion, and safety and security within the study area. For the purposes of this section, *social resources* are defined to include community amenities, government and Tribal entities, affordable and senior housing, medical facilities, recreation facilities, religious centers, schools, social service providers, and transportation facilities. *Community cohesion* refers to a community member's sense of belonging to a neighborhood and the degree to which community members interact with other community members and social resources in the neighborhood.

Consistent with FTA Title VI Circular and the FHWA Community Impact Assessment: A Quick Reference for Transportation, four key neighborhood and community issues were used to evaluate the project's potential impact on the study area (FTA 2012; FHWA 2018):

- Changes in neighborhood quality.
- Barriers to social interaction.
- Impacts on community resources.
- Impacts on safety and security.

Sound Transit evaluated potential impacts to Environmental Justice populations consistent with FTA's Environmental Justice Policy Guidance for Federal Transit Administration Recipients Circular 4703.1. These potential impacts are summarized in Section 4.4.3.5, Environmental Justice Summary, and are discussed in more detail in Appendix C, Environmental Justice Assessment.

The analysis in this section utilizes data and findings from other environmental analysis sections, including Chapter 3, Transportation; Section 4.1, Acquisitions, Displacements, and Relocations; Section 4.2, Land Use; Section 4.3, Economics; Section 4.5, Visual and Aesthetics; Section 4.6, Air Quality and Greenhouse Gas Emissions; Section 4.7, Noise and Vibration; Section 4.14, Public Services, Safety, and Security; and Section 4.17, Parks and Recreational Resources.

Additionally, the analysis considers the PSRC displacement risk tool, which uses socio-demographics, transportation qualities, neighborhood characteristics, housing, and civic engagement to identify census tracts that are at a greater risk of displacement based on current neighborhood conditions.

4.4.2 Affected Environment

Figure 4.4-1 shows the neighborhoods within the TDLE study area. Figures 4.4-2 through 4.4-5 show social resources within 0.5 mile of the TDLE build alternatives. Affordable housing was identified in the study area by reviewing information from the United States Department of Housing and Urban Development (HUD), Pierce County Housing Authority, and King County Housing Authority to identify properties and housing developments that provide subsidized housing or housing assistance for low-income and cost-burdened families. Additional nonsubsidized below market rate housing within the study area can be found in private developments, such as apartment complexes, manufactured or mobile home developments, and RV parks. The PSRC displacement risk tool shows that a majority of the project area has a moderate risk of displacement, with a higher risk of displacement in the Federal Way Segment.

The TDLE corridor would cross the ancestral and reservation lands of the Puyallup Tribe of Indians and its treaty-protected Usual and Accustomed Areas and Adjudicated Hunting and Fishing Grounds. The TDLE corridor is also located in the cities of Federal Way, Milton, Fife, and Tacoma; spans the King-Pierce county line; passes just south of the Port of Tacoma; and crosses over the Puyallup River.

4.4.2.1 Community Profile

Federal Way Segment

The FW Enchanted Parkway Alternative and FW Design Option in the Federal Way Segment begin just south of the Federal Way Downtown Station and curve to parallel I-5. I-5 provides north-south connections in the study area and throughout the greater Puget Sound region but creates an east-west barrier to community cohesion.

The northernmost portion of the study area extends into the Steel Lake neighborhood, a mostly commercial area populated by big-box retail stores, chain restaurants, and hotels. From S 320th Street, the Preferred FW Enchanted Parkway Alternative travels south through the Kitts Corner neighborhood and intersects with the Mirror Lake, Steel Lake, Lake Dolloff, and West Campus neighborhoods (Figure 4.4-1). Land uses in the Federal Way Segment study area consist of a mix of commercial and single- and multi-family residential, with some light industrial, office, and open space.

Residential land uses and neighborhoods are generally concentrated in the area west of I-5 between S 324th Street and S 336th Street. Affordable housing in the study area is provided by King County Housing Authority at Kings Court Apartments and Evergreen Court Apartments. Properties offering nonsubsidized below market rate housing in the study area include several manufactured home communities, including Belmor, the Meridian Court Apartments, and the Willamette Court Apartments.

South Federal Way Segment

In the South Federal Way Segment, the main commercial areas are generally bounded by S 344th Street on the north side, I-5 on the east side, S 356th Street on the south side, and Pacific Highway on the west side. Commercial uses in this area are concentrated around Enchanted Parkway and consist mostly of big-box retail developments, with smaller complementary retail stores, chain restaurants, and auto repair shops. There are also a number of commercial uses concentrated around Pacific Highway at the south end of the South Federal Way Segment in Milton, including auto and boat repair and sales, and storage facilities. Commercial development throughout the study area is automobile-oriented, with many large surface-level parking lots. This land use pattern generally limits community cohesion.

Residential land uses and neighborhoods are generally concentrated east of I-5 from S 348th Street to S 375th Street. Additionally, a concentration of multi-family and single-family residences is located west of I-5 and south of S 356th Street around Todd Beamer High School. Residential housing in the South Federal Way Segment includes a diversity of types, including single-family homes, mobile home parks, gated condominium communities, and various multi-family housing complexes.

Religious facilities are the most common social resource type in the South Federal Way Segment, followed by medical facilities. Other facility types found in the South Federal Way Segment study area include recreation facilities, schools, government services facilities, transportation facilities, and community facilities. Properties offering nonsubsidized below market rate housing in the study area include several manufactured home communities, Park 16 Apartments, Cedars RV Park, Spring Valley Mobile Home Park, and Milton Senior Community.

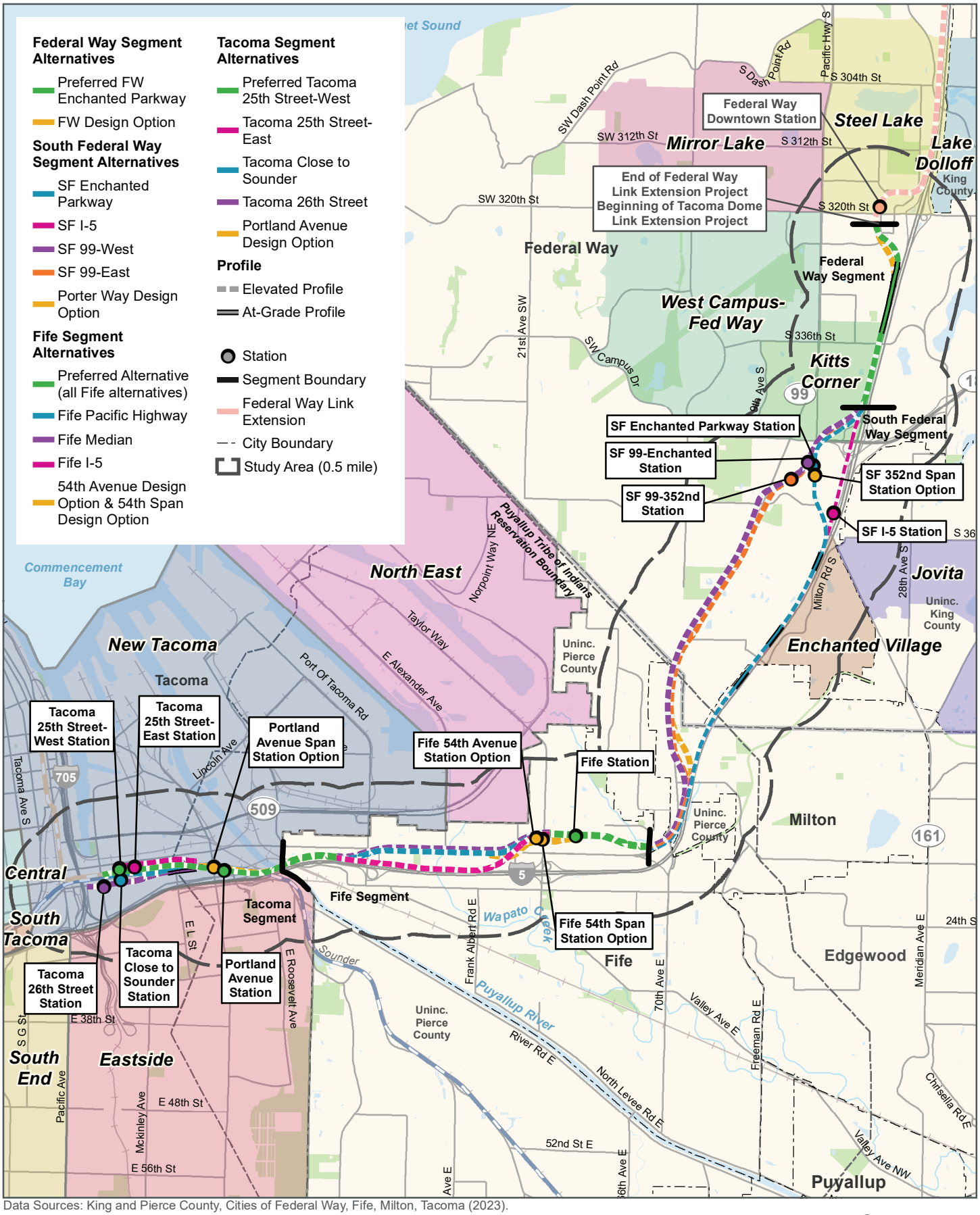

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 4.4-1
Neighborhoods in the TDLE Study Area

Tacoma Dome Link Extension

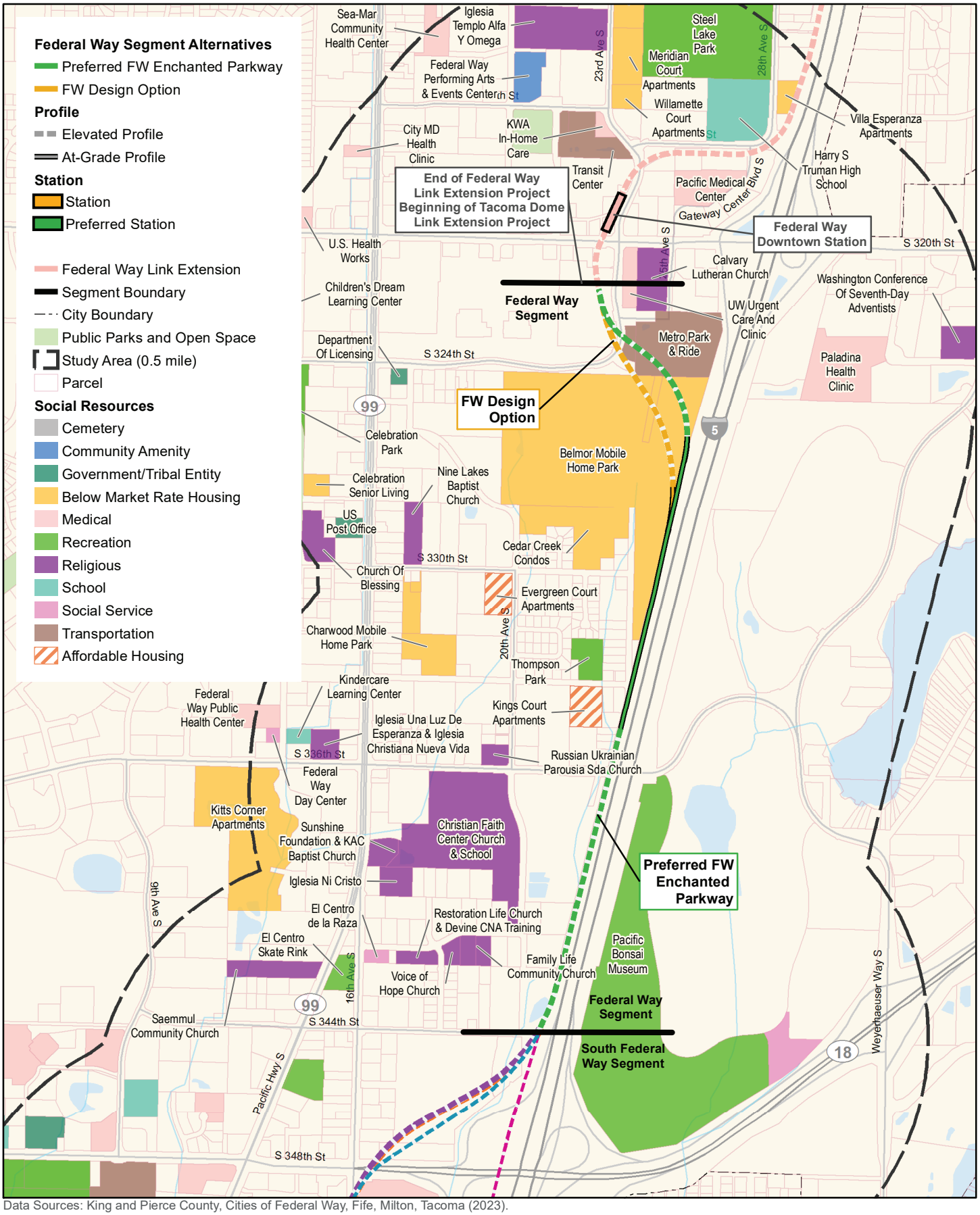

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

Figure 4.4-2
Social Resources in the Study Area
Federal Way Segment

Tacoma Dome Link Extension

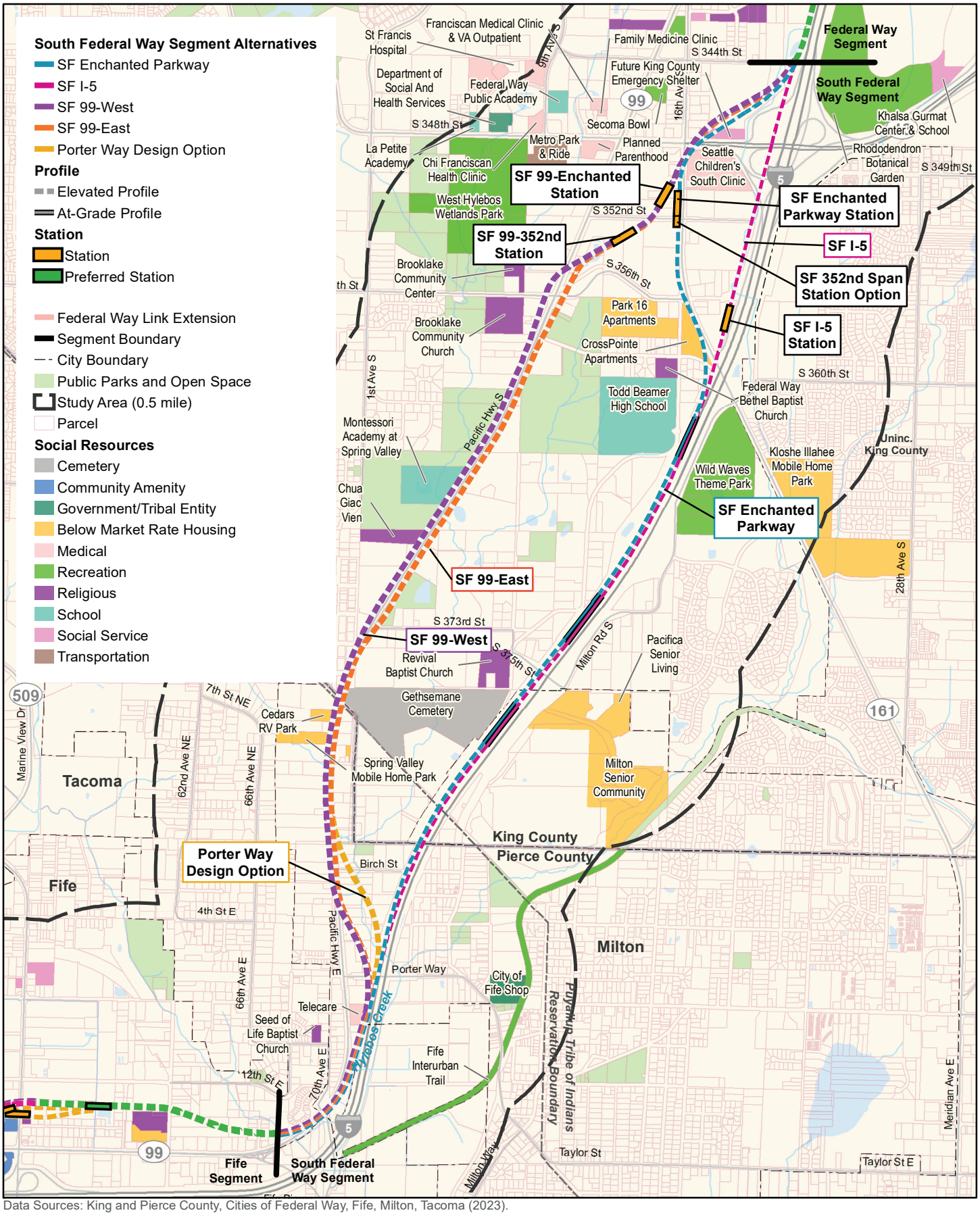

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

Figure 4.4-3
Social Resources in the Study Area
South Federal Way Segment

Tacoma Dome Link Extension

Based on the residential housing types described above, automobile-oriented nature of development patterns, and barriers created by I-5 and Pacific Highway (SR 99) and other major arterials, community cohesion is limited in this segment.

Fife Segment

The Fife Segment of the study area is made up of varied land uses and community characteristics. The most common land uses in the Fife study area are commercial and industrial, with smaller portions of residential and agricultural uses. Automobile-oriented commercial land uses are primarily concentrated around Pacific Highway and I-5, with a heavy concentration of vehicle dealerships and rental businesses along I-5 and a variety of commercial development types along Pacific Highway, including strip malls, hotels, drive-through restaurants, auto dealerships, and the Emerald Queen Casino.

Residential communities in the Fife study area are generally separate single-family subdivisions or multi-family developments and are mostly south of I-5 with lower levels of community cohesion between development areas. A few single-family residences are in the proposed station area. The main barrier to community cohesion in this study area is I-5, which limits north-south connectivity to highway crossings at 70th Avenue E, 54th Avenue E, and Port of Tacoma Road. These major arterials, as well as Pacific Highway, create additional barriers to community cohesion in the Fife Segment.

Social resources or centers within the Fife Segment study area include Tribal and government/services facilities, such as the Salish Cancer Center in the Puyallup Tribal Integrative Medicine building, multi-family and affordable housing, and religious facilities, including the St. Paul Chong Hasang Church. Other social centers include medical clinics, recreation facilities, and schools. Affordable housing is present at Pierce County Housing Authority's Chateau Rainier Apartments. Properties that offer nonsubsidized below market rate housing in the Fife Segment include Rainier View Senior Apartments, and other properties depicted on Figure 4.4-4.

Tacoma Segment

The study area for the Tacoma Segment stretches from just east of the Puyallup River to the Tacoma Dome vicinity, within the City of Tacoma.

As part of the Neighborhood Council Program, the City of Tacoma has designated eight neighborhoods. The Tacoma Segment study area falls inside the New Tacoma neighborhood, which includes downtown Tacoma and the Port of Tacoma. Common land uses in the study area include single-family neighborhoods concentrated south of I-5, general warehouse storage, parks, railroad tracks and railyards, and wholesale commercial facilities. The areas directly adjacent to and in proximity to the build alternatives consist of mostly industrial uses and some commercial, with very few residential properties. Due to the limited number of residential properties in the Tacoma Segment, there is currently low community cohesion. The current conditions in Tacoma are likely to change over time, with Tacoma seeing more multi-family residential development and the South Downtown Subarea Plan foreseeing a future with more residential, mixed use, and office developments.

Social facilities in the Tacoma Segment study area include government and Tribal entities, recreation facilities, affordable housing, shopping centers, religious facilities, schools, and medical facilities. Properties offering nonsubsidized below market rate housing in the Tacoma Segment include McKinley Terrace Apartments, Pine Tree Harbor, Tim Jefferson Square, and Puyallup River RV Park, as depicted on Figure 4.4-5.

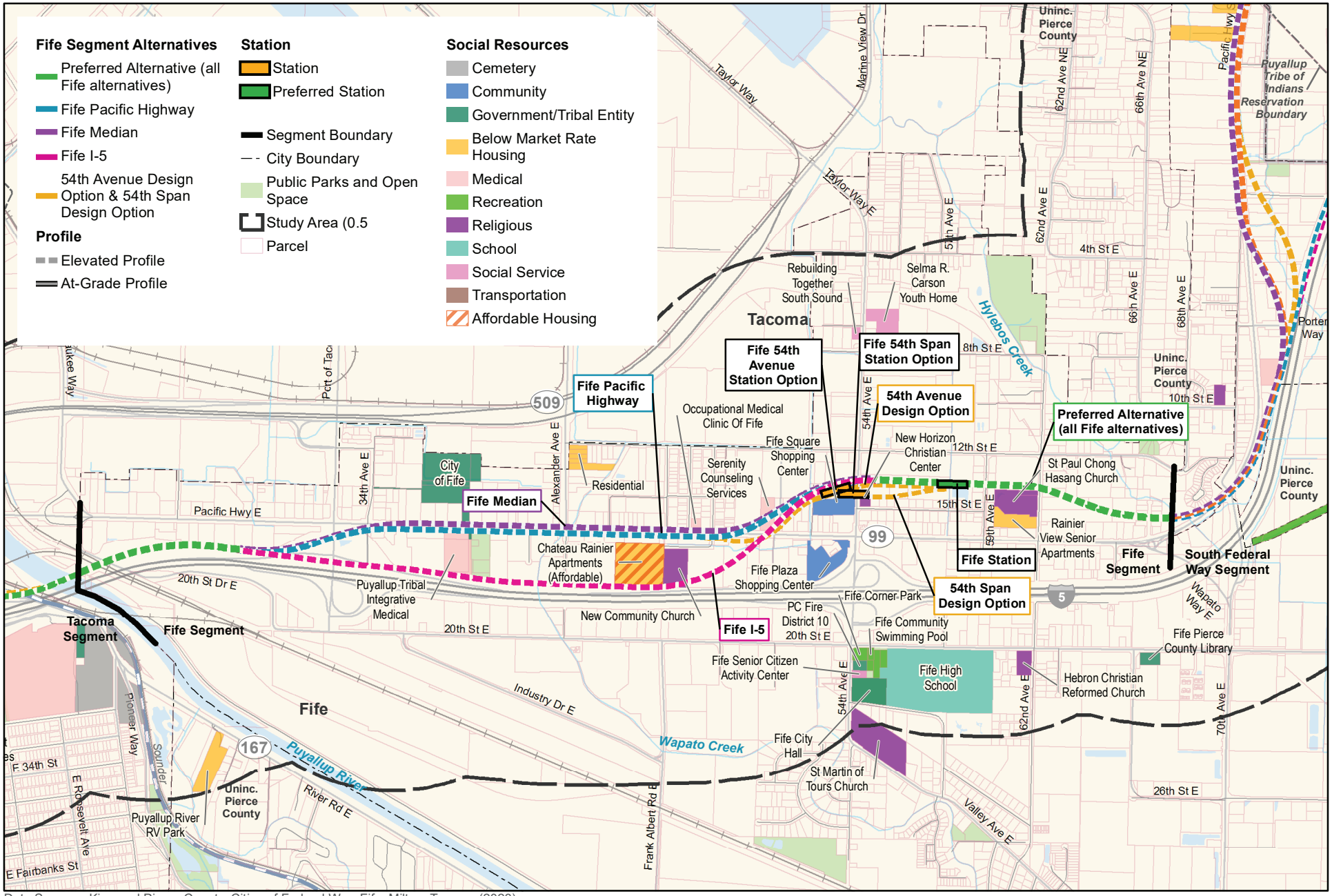

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.4-4
Social Resources in the Study Area
Fife Segment

Tacoma Dome Link Extension

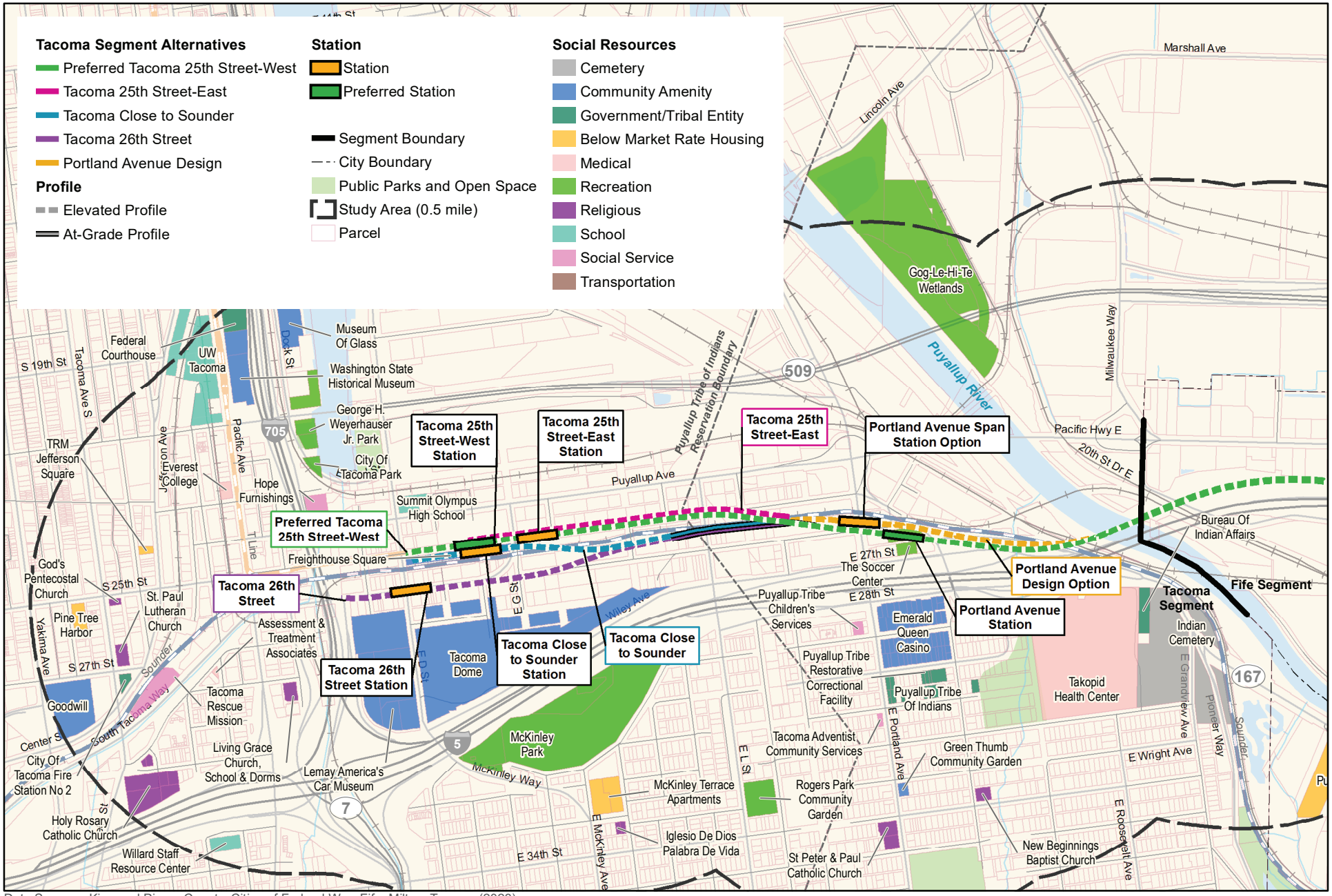

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.4-5
Social Resources in the Study Area
Tacoma Segment

Tacoma Dome Link Extension

4.4.2.2 Study Area Population

The following section summarizes study area demographics and population characteristics for each of the TDLE segments and jurisdictions within the segments. Demographic data are reported for census tracts and block groups and are based on 2017-2021 American Communities Survey (ACS) 5-Year Estimates published by the U.S. Census Bureau. For the purposes of this analysis, minority and low-income populations, as well as additional demographic information, are analyzed at the block group level, and the study area for each alternative includes block groups that are either entirely or partially located within 0.5 mile of each segment. A summary of the study area demographics and population characteristics of each segment and each jurisdiction within the study area are shown in Table 4.4-1 and Table 4.4-2.

Table 4.4-1. Study Area Demographics[1]

	Total Population	Minority Population[2]	Low-Income Households[3]	Households with Limited English Proficiency[4]
Sound Transit Service District[5]	3.3 million	42%	20%	6%
Federal Way Segment	20,833	67%	33%	13%
South Federal Way Segment	31,401	50%	25%	7%
Fife Segment	18,899	50%	29%	6%
Tacoma Segment	19,351	51%	39%	4%
City of Federal Way	99,792	60%	29%	8%
City of Fife	10,869	57%	26%	5%
City of Tacoma	217,332	43%	28%	4%
City of Milton	8,501	28%	19%	2%

Source: U.S. Census Bureau, ACS 2017-2021 5-Year Estimates.

Notes:

(1) Percentages represent estimates based on survey data. Survey data are not available at the census-block level; the data represent an estimate of minority and low-income persons in block groups within 0.5 mile of each project alternative.

(2) Minority population includes all categories other than Non-Hispanic White Alone.

(3) A low-income person is a person whose household income is at or below the U.S. Department of Health and Human Services (HSS) poverty guidelines (United State Department of Transportation Order 5610.2C Appendix § 1(b)). The 2023 poverty guideline for a household of one is $14,580 annual income and for a household of four is $30,000 annual income (HHS 2023). Sound Transit's low-income threshold is two times the federal poverty level, which the agency has determined is appropriate for use in determining eligibility for a reduced fare program and reflects the increasingly high cost of living in the region.

(4) A person with limited English proficiency is defined by the U.S. Census Bureau as a person who speaks English "less than well."

(5) The Sound Transit Service District includes portions of King, Pierce, and Snohomish counties.

Table 4.4-2. Population Characteristics[1]

	Total Population	Population under 18 (%)	Population 65 and over (%)	Households with No Vehicle Available (%)	Median Household Income
Sound Transit Service District	3.3 Million	21%	13%	9%	$105,671
Federal Way Segment	20,833	24%	14%	9%	$62,520
South Federal Way Segment	31,401	25%	11%	4%	$81,688
Fife Segment	18,899	21%	11%	3%	$79,485
Tacoma Segment	19,351	18%	12%	10%	$56,727
City of Federal Way	99,792	24%	14%	6%	$72,969
City of Fife	10,869	26%	8%	3%	$75,557
City of Tacoma	217,332	21%	14%	9%	$69,956
City of Milton	8,501	22%	15%	6%	$81,690

Source: U.S. Census Bureau, ACS 2017-2021 5-Year Estimates.

Notes:

(1) Percentages represent estimates based on survey data. Survey data are not available at the census-block level; the data represent an estimate of minority and low-income persons in block groups within 0.5 mile of each project alternative.

Federal Way Segment

The study area for the Federal Way Segment includes approximately 20,800 residents. Of these residents, approximately 33 percent are reported as low-income, and 67 percent are reported as minorities. The Preferred FW Enchanted Parkway, with or without the design option, shares a similar footprint such that the affected area for each of these alternatives is characterized by the same demographic information. Key findings for the Federal Way Segment include:

- The proportion of minority persons within the study area (67 percent) is the highest of the four segments, 7 percent higher than the share for the City of Federal Way as a whole (60 percent), and 25 percent higher than the Sound Transit District as a whole (42 percent).
- The proportion of low-income persons within the study area (33 percent) is 4 percent higher than the City of Federal Way as a whole (29 percent) and 13 percent higher than the Sound Transit District as a whole (20 percent).
- Households with limited English proficiency make up 13 percent of all households in the Federal Way Segment, 5 percent higher than within the City of Federal Way (8 percent) and 7 percent higher than the Sound Transit District as a whole (6 percent).

South Federal Way Segment

The study area for the South Federal Way Segment includes approximately 31,400 residents. Of these residents, approximately 25 percent are reported as low income and 50 percent are reported as minorities. All of the alternatives and design options would affect areas that are characterized by the same demographic information, regardless of the difference in location relative to Pacific Highway and I-5. Key findings for the South Federal Way Segment include:

- The proportion of minority persons within the study area (50 percent) is 10 percent lower than the share for the City of Federal Way as a whole (60 percent) and 8 percent higher than the proportion of minority persons in the Sound Transit District as a whole (42 percent).
- The proportion of low-income persons within the study area (25 percent) is 4 percent lower than the share for the City of Federal Way as a whole (29 percent) and 5 percent higher than the Sound Transit District as a whole (20 percent).

- The South Federal Way Segment includes the greatest overall number (in nominal terms) of low-income and minority persons (7,689 and 15,712 persons, respectively) of the four TDLE segments.
- Households with limited English proficiency make up 7 percent of all households in the South Federal Way Segment, similar to the City of Federal Way (8 percent) and the Sound Transit District as a whole (6 percent).

Fife Segment

The study area for the Fife Segment includes approximately 18,900 residents. Of these residents, approximately 29 percent are reported as low income, and 50 percent are reported as minorities. All of the alternatives and design options in the Fife Segment share similar footprints such that the affected area for each of these alternatives is characterized by the same demographic information. Therefore, the share of low-income and minority persons residing within the study area for each of these alternatives is the same. Key findings for the Fife Segment include:

- The proportion of minority persons within the study area (50 percent) is 7 percent lower than the share for the City of Fife as a whole (57 percent) and 8 percent higher than the Sound Transit District as a whole (42 percent).
- The proportion of low-income persons within the study area (29 percent) is 3 percent higher than the share for the City of Fife as a whole (26 percent) and 9 percent higher than the Sound Transit District as a whole (20 percent).
- Households with limited English proficiency comprise 6 percent of all households in the Fife Segment, slightly more than the City of Fife as a whole (5 percent) and the same as the Sound Transit District as a whole (6 percent).

Tacoma Segment

The study area for the Tacoma Segment represents approximately 19,350 residents. On average, approximately 39 percent of all residents within the study area in the Tacoma Segment are reported as low income, and 51 percent are reported as minorities.

All of the alternatives in the Tacoma Segment share similar footprints such that the affected area for each of these alternatives is similar. The Tacoma 25th Street-East Alternative has a slightly lower low-income population and a slightly higher minority population than the other alternatives, but the difference is less than 1 percent. As shown in Table C3-1, key findings for the Tacoma Segment include:

- The study area in the Tacoma Segment includes the greatest proportion of low-income residents compared with the other TDLE Segments.
- The proportion of minority persons within the study area (51 percent) is 9 percent higher than the share for the City of Tacoma and the Sound Transit District as a whole (42 percent).
- The proportion of low-income (39 percent) populations living within the Tacoma Segment study area is 11 percent higher than the City of Tacoma as a whole (28 percent) and 19 percent higher than the Sound Transit District as a whole (20 percent).
- Households with limited English proficiency within the study area (4 percent) is the same as the City of Tacoma as a whole (4 percent) and 2 percent lower than the Sound Transit District as a whole (6 percent).

4.4.3 Environmental Impacts

This section outlines impacts on social resources, community cohesion, and safety and security within the study area.

4.4.3.1 No-Build Alternative

The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Under the No-Build Alternative, existing social resources, community cohesion, and safety and security would not be impacted by the TDLE project. Communities in the study area would continue to develop according to local and regional plans, with the exception of plans that assumed light rail transit improvements and the associated economic benefits. Community cohesiveness would not be temporarily impacted by construction factors such as noise, vibration, or transportation disruptions, but these communities would also not receive long-term increased transit coverage, connectivity, potentially improved access to employment opportunities, and service frequency in the area.

4.4.3.2 Long-Term Impacts for the Build Alternatives

Impacts Common to All Alternatives

TDLE would positively impact communities in the study area by increasing transit reliability, connectivity, service frequency, and potential access to employment opportunities, especially those communities close to the proposed station areas. Areas surrounding proposed stations would most likely experience increased infill development, and the stations and trains would provide meeting points, thereby increasing opportunities for social activity and enhancing social cohesion. Added jobs associated with new development or connectivity between communities would increase community cohesion. Improvements to nonmotorized access in station areas would also be a positive impact to communities in the study area.

All alternatives include mostly elevated track configurations, which would not act as physical barriers to cross streets but would create visual impacts in areas close to the guideway, as well as at stations and other facilities. These visual impacts would include the introduction of the linear structure, blockage of views, and the removal of buildings and vegetation in the study area. Implementing noise mitigations, such as noise walls located at ground level, would also impact visual quality and aesthetics in the track area. Most visual impacts would occur along existing right-of-way that already creates a barrier between neighborhoods, along the elevated guideway. Visual impacts of TDLE are described in Section 4.5, Visual and Aesthetic Resources.

In general, operation of the new light rail facility would create a new source of noise and, in some cases, vibration for adjacent receivers but would not likely impact social resources, community cohesion, or safety and security. The severity of noise and vibration impacts depends upon existing background noise and other factors, such as topography. Sound Transit would provide mitigation for noise and vibration impacts where required. Potential noise and vibration impacts, along with potential mitigation measures, are discussed in Section 4.7, Noise and Vibration.

All alternatives would require acquisition of residential, commercial, and public properties, as well as transportation right-of-way. For all displaced properties, Sound Transit would provide relocation assistance to displaced property owners and renters in accordance with the federal Uniform

Relocation Act at a minimum. More information about applicable acquisition and relocation policies can be found in Section 4.1, Acquisitions, Displacements, and Relocations.

All the build alternatives would have similar impacts on safety and security. TDLE would operate in exclusive right-of-way and not conflict with vehicular, traffic, bicycles, and pedestrians. Light rail train operations would not cross surface streets at grade, and operations would not directly affect emergency and incident response routes or times. However, increases in traffic volumes, transit movements, pedestrians, and bicyclists near each station could increase the risk of traffic conflicts and conflicts between travel modes. All build alternatives include police and security staff facilities for monitoring of stations and parking facilities. Although an increase in crime at transit facilities is not anticipated, research shows that some petty crimes occur at transit stations or park-and-ride lots (Billings et al. 2011; City of Seattle 1999; Loukaitou-Sideris et al. 2002). Parking facilities at the stations in South Federal Way and Fife could be deferred up to 3 years after light rail service begins, which could delay any potential long-term impacts related to parking facilities. Additional information can be found in Section 4.14 Public Services, Safety, and Security.

The number of parcels with social resources that are potentially permanently affected or displaced are listed in Table 4.4-3.

Table 4.4-3 Parcels with Potential Permanent Effects and Displaced Social Resources

Alternative	Potentially Affected Social Resources
Federal Way Segment	
Preferred FW Enchanted Parkway	• Federal Way/S 320th Street Park-and-Ride • Belmor
Preferred FW Enchanted Parkway with Design Option	• Federal Way/S 320th Street Park-and-Ride • Belmor
South Federal Way Segment	
SF Enchanted Parkway	• Future King County Emergency Shelter (former Red Lion Inn) • Seattle Children's South Clinic
SF 99-West	• Future King County Emergency Shelter (former Red Lion Inn) • Seattle Children's South Clinic • Montessori Academy at Spring Valley • Giac Vien Temple
SF 99-West with Porter Way Design Option	• Future King County Emergency Shelter (former Red Lion Inn) • Seattle Children's South Clinic • Montessori Academy at Spring Valley • Giac Vien Temple
SF 99- East	• Future King County Emergency Shelter (former Red Lion Inn) • Seattle Children's South Clinic • Montessori Academy at Spring Valley • Giac Vien Temple
SF 99- East with Porter Way Design Option	• Future King County Emergency Shelter (former Red Lion Inn) • Seattle Children's South Clinic • Montessori Academy at Spring Valley • Giac Vien Temple

Table 4.4-3 Parcels with Potential Permanent Affects and Displaced Social Resources (continued)

Alternative	Potentially Affected Social Resources
Fife Segment	
Fife Pacific Highway	• Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Fife Pacific Highway with 54th Avenue Design Option	• Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Fife Pacific Highway with 54th Span Design Option	• New Horizon Christian Center • Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Fife Median	• Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Fife Median with 54th Avenue Design Option	• Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Fife Median with 54th Span Design Option	• New Horizon Christian Center • Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Fife I-5	• Fife Business Center parcel, which includes the New Community Church • Serenity Counseling Services • Telecare (a behavioral health facility) • Pierce County Housing Authority's Chateau Rainier (no displacements) • St. Paul Chong Hasang Church
Fife I-5 with 54th Avenue Design Option	• Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church

Table 4.4-3 Parcels with Potential Permanent Affects and Displaced Social Resources (continued)

Alternative	Potentially Affected Social Resources
Fife I-5 with 54th Span Design Option	• New Horizon Christian Center • Puyallup Tribal Integrative Medical Building • Serenity Counseling Services • Telecare (a behavioral health facility) • Fife License and Title • St. Paul Chong Hasang Church
Tacoma Segment	
Preferred Tacoma 25th Street-West	• Tacoma Soccer Center • South Sound Martial Arts
Tacoma 25th Street-East	• Tacoma Soccer Center • South Sound Martial Arts
Tacoma Close to Sounder	• Tacoma Soccer Center • South Sound Martial Arts • Freighthouse Square[1]
Tacoma 26th Street	• Tacoma Soccer Center • South Sound Martial Arts

Notes:
(1) Freighthouse Square contains a high proportion of minority owned businesses and serves as a community gathering place.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the M.O.S. to the station in Fife would have the same type of impacts and benefits to social resources, community facilities, and neighborhoods, just in a smaller geographic area until the remaining phases were completed. Benefits to the communities in the study area, such as increasing transit reliability, connectivity, service frequency, and potential access to employment opportunities, especially those communities close to the proposed station areas, would only be realized to the station where the M.O.S. terminates.

In addition to long-term impacts common to all alternatives throughout all four segments of TDLE, the specific impacts to social resources and community cohesion within each segment are described below.

Federal Way Segment

Up to two social resources could be affected by the Preferred FW Enchanted Parkway Alternative or the FW Design Option, as noted in Table 4.4-3. Based on the residential housing types and patterns, automobile-oriented nature of development, and barriers created by I-5 and other major arterials, community cohesion is already limited in this segment and not anticipated to be diminished by TDLE.

South Federal Way Segment

The SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives would each have more impacts on social resources and community cohesion than the SF I-5 Alternative. For the SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives, guideway columns may be constructed on the Seattle Children's South Clinic parcel, but long-term impacts through displacement are not anticipated. Although not defined as a social resource, the displacement of some units at CrossPointe Apartments just south of the SF Enchanted Parkway Station would

also impact community cohesion and neighborhood quality within this multi-family housing complex. The SF Enchanted Parkway would displace the future King County Emergency Shelter (former Red Lion Inn) building purchased by King County in 2021. This building is transitioning to an 84-bed emergency shelter. The opening date for the emergency shelter has not been established. The SF 99-West and SF 99-East alternatives would require the acquisition of the northwest corner of the property that is currently a parking lot, but would not displace the entire building. Community cohesion and neighborhood quality in the surrounding neighborhoods would not be largely impacted as cohesion is already limited, and the addition of light rail would be consistent with the existing transportation character of this segment.

The SF I-5 Alternative would have similar effects on social resources as the SF Enchanted Parkway Alternative, except that it would avoid the parcels containing the Seattle Children's South Clinic and the future King County Emergency Shelter. As with the SF Enchanted Parkway Alternative, impacts on community cohesion and neighborhood quality may occur near the CrossPointe Apartments but not in the surrounding neighborhoods where cohesion is already limited.

Fife Segment

All of the alternatives in the Fife Segment would impact several social resources, as described in Table 4.4-3. All alternatives would displace one of the two priest residences at the St. Paul Chong Hasang Church. The second residence could remain in use, but the displaced residence would need to be mitigated in accordance with the federal Uniform Relocation Act, which involves both compensation and relocation assistance. However, relocation of the rectory in proximity of the church may be challenging based on real estate available in close proximity to the church. The loss of proximity of the priest to the church would likely disrupt the community cohesion of the facilities present on site and may affect how the congregation and Korean populations use the church facilities. Noise impacts at the St. Paul Chong Hasang Church property would be mitigated in accordance with Sound Transit's Light Rail Noise Mitigation Policy. The 54th Avenue Span Station Option would also likely displace the New Horizon Christian Center.

For all alternatives, the addition of light rail would be consistent with the existing transportation character of this segment and would not substantially change neighborhood quality. In some locations, the addition of an aerial guideway would change the visual character of Pacific Highway; however, there is no anticipated impact on community cohesion, as it is already very low in this segment.

The Fife Pacific Highway Alternative would have similar impacts on social resources as the Fife Median Alternative and fewer impacts than the Fife I-5 Alternative. The Fife Pacific Highway and Fife Median alternatives would both require the same parcel acquisitions and impact the same social resources, but the Fife Median Alternative could potentially make left turns more difficult for drivers on Pacific Highway. There is no anticipated impact to community cohesion because it is already very low in this segment.

Due to the larger number of potential small business displacements, the Fife I-5 Alternative would have the most impacts of the Fife alternatives.

Tacoma Segment

All alternatives in the Tacoma Segment would impact social resources. The impact to the displaced social resources could be mitigated with relocation and further minimized if the relocation could be nearby. The Preferred Tacoma 25th Street-West Alternative would feature large, elevated structures, which would change the visual character of the street, but this change of character would have a minimal impact on community cohesion since the businesses in this area of E 25th Street are largely industrial and commercial and do not rely on foot traffic or street amenities. The proposed station would positively change community cohesion by providing a regional transportation hub and by incorporating more human-scale streetscape elements around the station. Neighborhood quality would not be largely impacted because the addition of light rail would be consistent with the existing transportation character of this segment. Overall, the Preferred Tacoma 25th Street-West Alternative would have the fewest impacts of the Tacoma alternatives.

Impacts to social resources, community cohesiveness, and neighborhood quality for the Tacoma 25th Street-East Alternative would be the same as described for the Preferred Tacoma 25th Street-West Alternative.

The Tacoma Close to Sounder Alternative would impact thirty-one businesses, primarily local, and their employees would be displaced by the acquisition of Freighthouse Square, which would impact community cohesion of the area. These businesses and those at Freighthouse Square cater largely to the residents of Tacoma and the South Sound, as well as transit center users, Amtrak riders, and those in the area for Tacoma Dome and LeMay Museum events. Based on Sound Transit's outreach, a high proportion of business owners at Freighthouse Square are minority-owned, and successful relocation opportunities may be challenging. Changes to Freighthouse Square, a long-standing community landmark, and the addition of a new aerial guideway and transit station would change the visual character and function of the area. Overall, the Tacoma Close to Sounder Alternative would have fewer property acquisitions in comparison to the other Tacoma Dome build alternatives, but it would have the highest community impacts to cohesiveness and neighborhood quality due to the potential removal of Freighthouse Square, which would displace all the existing retail uses.

The Tacoma 26th Street Alternative would impact the same social resources as the Preferred Tacoma 25th Street-West Alternative.

Potential Benefits

TDLE would increase access to social resources near each of the proposed stations. It could also contribute to the development of additional social resources in those areas and could increase opportunities for social interaction at station areas and for TDLE passengers. TDLE would improve regional connectivity and mobility and provide a reliable means of transportation for populations reliant on public transit, including low-income and minority populations.

While all populations within the project service area would have the same opportunity to realize these benefits, minority and low-income residents may realize greater benefits because they are more likely to rely on transit as a primary and affordable means of transportation. Additional benefits to all populations, including environmental justice populations, would accrue through the addition of new jobs to build the project and the increased purchase and sale of goods and services within the community to facilitate construction. The positive economic effects of construction workers' purchases in food and retail within the community may also benefit businesses that are owned by environmental justice populations.

4.4.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Alternatives

Construction of a major project such as TDLE involves intensive activities that last several years. Where the project is in close proximity to community resources and neighborhoods, construction activities could impact community activities, cohesion, and neighborhood quality. All of the alternatives in all segments would, to some extent, have temporary construction impacts. Examples of construction activity that could impact community resources and neighborhoods include:

- Property acquisition, displacement, and relocation.
- Building vacation, fencing, and demolition.
- Utility relocation.
- Vegetation removal.
- Grading.

In addition to the development of the light rail facilities themselves on individual sites, there are staging areas; temporary storage for building materials or construction debris; temporary fencing; lighting; gravel piles; large vehicles, such as cranes, dump trucks, bulldozers, or excavators; temporary roads for construction use; and/or detours of traffic lanes and sidewalks. These construction materials and activities would have varying impacts on transportation, access, air quality, noise, vibration, and visual quality.

Although construction of the entire project would take approximately 5 years, impacts on specific neighborhoods and social resources would occur over shorter durations while specific project elements are built. The construction of parking facilities at the stations in South Federal Way and Fife, which could occur up to 6 years after light rail service begins, could shift the timing of potential construction impacts related to those facilities.

Some build alternatives would require temporary construction easements, the details of which will be determined in final design, but generally temporary construction easements would allow construction crews to access areas of the property as a part of the construction process with no permanent impacts on the property.

Implementation of any of the build alternatives would temporarily affect the roadways in the study area and vicinity, resulting in short-term impacts on all public services, access to social resources, community facilities, and neighborhoods. Construction activities would result in short-term increased traffic congestion due to added construction vehicles. Lane or road closures and detours would be needed for activities such as utility relocations and guideway placement.

Federal Way Segment

No temporary construction easements would be required on any parcels identified as containing social resources within the Federal Way Segment. However, there are several areas with residential uses and social resources nearby, and in these locations, construction activities would be disruptive to social resources.

South Federal Way Segment

Overall, the SF Enchanted Parkway and SF I-5 alternative may have slightly less temporary construction impact on social resources within the South Federal Way Segment, since those alternatives would avoid the Montessori Academy at Spring Valley and have fewer temporary lane closures and access restrictions than the SF 99-West or SF 99-East alternatives.

The SF 99-West and SF 99-East alternatives would require a temporary construction easement over a portion of the property where the Montessori Academy at Spring Valley is located, whereas the SF Enchanted Parkway and SF I-5 alternatives would not require any temporary construction easements. For all alternatives, there are several areas with residential uses and social resources nearby. In these locations, construction activities would be disruptive to social resources. In addition, all of the alternatives in the South Federal Way Segment would require temporary lane closures and are anticipated to have short-term access impacts on social resources, with the impacts of the SF 99-East and SF 99-West alternatives being greater than the alternatives along I-5.

Fife Segment

Overall, the Fife Median Alternative, with or without the 54th Avenue or 54th Span Design Option, would have the greatest temporary construction impacts to social resources as it would have the most temporary construction impacts on parcels with social resources, restrictions on access through limitations on left turns from Pacific Highway, as well as the most lane closures.

The Fife Pacific Highway Alternative would require a temporary construction easement on four parcels associated with the St. Paul Hasang Church, Puyallup Tribal Integrative Medicine, a City of Fife government services building, and the Occupational Medical Clinic of Fife. The Fife 54th Avenue Design Option and Fife 54th Span Design Option would not impact any additional social resources. For all alternatives, there are several areas with residential uses and social resources nearby. In these locations, construction activities would be disruptive to social resources. These areas include Rainier View Senior Apartments, Serenity Counseling Services, and the Chateau Rainier Apartments. It is expected that these properties would experience short-term air quality, noise and vibration, and visual impacts. Noise and vibration associated with construction activities could be particularly disruptive to the St. Paul Hasang Church and Puyallup Tribal Integrative Medicine Center.

Additionally, one lane of traffic will be closed during construction on Pacific Highway, which would impact traffic patterns and business access to social resources along Pacific Highway, leading to short-term impacts on community cohesion. Access points to properties on the south side of Pacific Highway would be reconstructed where necessary, and alternate access points would be provided.

Impacts on social resources due to temporary construction easements and proximity to construction activities for the Fife Median Alternative would be the same as the Fife Pacific Highway Alternative. Additionally, three lanes of traffic, including the median turn lane, would be closed during the construction of the Fife Median Alternative. These lane closures would impact traffic patterns, and left turns would be restricted in construction zones, restricting access to properties containing social resources along Pacific Highway and reducing social cohesion.

Impacts on social resources due to temporary construction easements and proximity to construction activities for the Fife I-5 Alternative would be similar to the Fife Pacific Highway Alternative, except no temporary construction easements would be required at the City of Fife government services building and the Occupational Medical Clinic of Fife.

Tacoma Segment

All of the alternatives in the Tacoma Segment would affect social resources to similar degrees. The Preferred Tacoma 25th Street-West Alternative and Tacoma 25th Street-East Alternative would require full closure of E 25th Street, which would impact Freighthouse Square access. The Close to Sounder Alternative would avoid full closure of E 25th Street but would displace Freighthouse Square and require temporary relocation of the Tacoma Dome Station. The Tacoma 26th Street Alternative would avoid impacts to E 25th Street and Freighthouse Square but would require full closure of E 26th Street and would have temporary effects the Tacoma Dome.

Short-term disruptions to interactions between the commercial uses and patrons in the Tacoma Segment would occur under all alternatives. The businesses located in proximity to the alternatives that rely on attracting customers that are passing by while accessing the transit center, Tacoma Dome, and other attractions, would be impacted by very localized factors, such as reduced business visibility, ease of access to the specific site, parking, and pedestrian accessibility due to construction activities.

The Preferred Tacoma 25th Street-West Alternative would require the complete closure of E 25th Street from East M Street to East D Street during construction, which will limit mobility and access and could have short-term impacts on social cohesion. One social resource, Freighthouse Square, would be impacted by a temporary construction easement and would be likely to experience short-term air quality, noise and vibration, and visual impacts. In addition, access to Freighthouse Square would be limited during construction.

Similar to the Preferred Tacoma 25th Street-West Alternative, the Tacoma 25th Street-East Alternative would require the complete closure of E 25th Street from East M Street to East D Street during construction. Both the Preferred Tacoma 25th Street-West Alternative and the Tacoma 25th Street-East Alternative would disrupt operations and could require temporary closure of the T Line during construction.

The Tacoma Close to Sounder Alternative would have some impacts on access and traffic through lane closures, but no full road closures are anticipated. It is possible that the Tacoma Dome Station, which serves Amtrak and Sounder, may be temporarily closed and/or relocated, which would impact Tacoma's transportation facilities. Businesses in Freighthouse Square would be closed or relocated with this alternative.

The Tacoma 26th Street Alternative would require the complete closure of E 26th Street between East G Street and East C Street during construction, which would limit mobility and access and could have short-term impacts on social cohesion. Additionally, the Tacoma 26th Street Alternative would require a temporary construction easement on one parcel associated with the Tacoma Dome property. This temporary easement may impact transportation to and from the Tacoma Dome, and there may be impacts on social activities occurring in or around the Tacoma Dome throughout construction of TDLE.

Avoidance and Minimization of Impacts

As part of TDLE, specific design features, best management practices (BMPs), and mitigation measures would avoid or minimize impacts on social resources, community facilities, and neighborhoods during operations and construction. These project elements are described in other sections of this Draft EIS, including Chapter 3, Transportation; Section 4.1, Acquisitions, Displacements, and Relocations; Section 4.2, Land Use; Section 4.3, Economics; Section 4.5,

Visual and Aesthetic Resource; Section 4.6, Air Quality and Greenhouse Gas Emissions; Section 4.9, Noise and Vibration; and Section 4.17; Parks and Recreational Resources.

In addition, Sound Transit would work with the Puyallup Tribe of Indians and communities to minimize impacts by designing the stations to be consistent with community character. This work could occur through public workshops to discuss station design, or similar processes during advanced phases of project design.

4.4.3.4 Indirect Impacts

The TDLE build alternatives would most likely have indirect impacts on their respective study areas, notably changes in development patterns, such as transit-oriented development and infill development, especially near station areas.

The Economic Development element of the Fife Comprehensive Plan mentions the extension of the Link light rail line as an opportunity to implement TOD around station areas. The Housing Element in the City of Tacoma One Tacoma Plan and South Downtown Subarea Plan has multiple goals and policies that specifically mention the need to build “transit supportive” density and diverse housing types around major transit stations. Generally, TOD incorporates more density of housing and amenities, more diversity of land uses, more comprehensive urban design, and a short distance to transit facilities. These principles all contribute to more individual mobility for all citizens of the community, more accessibility to different community amenities, improved community cohesion, and a more livable community.

Sections 4.2 and 4.3 also identify indirect impacts from affected parcels and displacements, land use changes, economics, and development potential consistent with local and regional policies and plans.

4.4.4 Environmental Justice Summary

This Draft EIS also includes an Environmental Justice Assessment (Appendix C), as required by Executive Orders (EOs) 12898 and 14096 and Department of Transportation Order 5610.2C, which direct federal agencies to advance environmental justice to the greatest extent practicable and permitted by law by avoiding disproportionate and adverse effects on minority and low-income populations, defined below:

- Minority populations include people who are Black, Hispanic, Asian American, American Indian or Alaskan Native, or Native Hawaiian and Other Pacific Islander (United States Department of Transportation [U.S. DOT] Order 5610.2C, Appendix § 1(c)).
- Low-income populations include people whose median household income is less than or equal to two times the Federal Poverty Level — a local threshold that Sound Transit and other regional transit agencies have determined is appropriate for use in determining eligibility for reduced fare programs and reflects the increasingly high cost of living in the region.

Demographic information, including environmental populations, for the TDLE study area, surrounding jurisdictions, and Sound Transit District are included in Table 4.4-1, Study Area Demographics.

The Environmental Justice Assessment follows guidance in FTA Circular C-4703.1 Chapter II, Conducting Environmental Justice Analysis, to identify, analyze, and address whether the TDLE alternatives would result in disproportionate and adverse effects on minority and/or low-income populations. As described in Section 2, Methods and Approach, of the Environmental Justice Analysis, the analysis provides demographic data identifying where environmental justice populations are located, compares the percentage of low-income and minority populations in the

study area to the Sound Transit service district average, describes the meaningful public engagement for TDLE, and identifies potential adverse effects, offsetting benefits, and mitigation for the project. It then considers whether the project would result in a disproportionate and adverse effect to minority or low-income populations.

4.4.4.1 Project Impacts and Benefits

Project impacts with the most potential to affect environmental justice populations include the displacement of residents, businesses, and community facilities, visual impacts, and construction-related transportation impacts. Chapter 3, Transportation; Section 4.1, Acquisitions, Displacements, and Relocations; Section 4.2, Land Use; Section 4.3, Economics; and Section 4.5, Visual and Aesthetics provide additional information about potential impacts of the TDLE alternatives. See Appendix C, Environmental Justice, Assessment, for a more detailed discussion of impacts to environmental justice populations and proposed avoidance, minimization, and mitigation measures.

In the South Federal Way Segment, more businesses would be displaced by the alternatives along Pacific Highway, but the most residential displacements would occur with the SF Enchanted Parkway Alternative. The residential displacements associated with the SF 99-West Alternative (with or without the Porter Way Design Option) would be primarily in two adjacent mobile home and RV communities along the west side of Pacific Highway. In the Fife Segment, the Fife Pacific Highway Alternative would displace the most businesses. All of the build alternatives in Fife would be located close to some residences and would result in some visual change, as well as displace the priest's residence associated with St. Paul Chong Hasang Church. The Fife 54th Span Station Option would have greater construction impacts, requiring more frequent and extensive temporary closures of 54th Avenue E. In Tacoma, the Tacoma Close to Sounder Alternative would displace the most businesses, including those located within Freighthouse Square, and all of the alternatives would result in medium to high reduction in visual quality due to the introduction of the guideway and station. For all build alternatives in all segments, periodic weekend closures, nighttime closures, lane restrictions, and other changes to access would occur during construction throughout the TDLE corridor.

The introduction of light rail service from Federal Way to Tacoma offers improved access to transit and employment, transit travel time savings, and increased reliability, connectivity, and frequency. While all populations within the project's service area would realize these benefits to the same extent, they would accrue to a higher degree for minority and low-income populations (APTA 2007).

The cities of Federal Way and Fife would each benefit from a new light rail station with connections to Tacoma, Sea-Tac Airport, and Seattle. This would provide the area with a potential community hub. These improved regional connections would result in improved access to economic and employment opportunities for environmental justice communities living in the area.

The City of Tacoma would benefit from two new stations at Portland Avenue and near the Tacoma Dome. The station near the Tacoma Dome would serve as a multimodal transit hub, with transfer options to and from Sounder commuter rail service, Amtrak passenger rail service, Greyhound, T Line, and Pierce Transit and Sound Transit buses. Areas surrounding proposed stations could include increased infill development, which would be a positive impact in a community with a somewhat sprawled and disconnected development pattern. TDLE could also improve access to minority-owned businesses near these station locations.

Other social benefits resulting from TDLE include improved connectivity to social services, health services, parks, and recreation in the region. TDLE would also reduce GHG emissions, as discussed further in Section 4.6, Air and Greenhouse Gas Emissions.

Construction benefits would include new jobs to build the project and the direct purchase and sale of goods and services within the community to facilitate construction. Sound Transit has programs in place that focus on providing opportunities for minority or low-income populations, such as Project Labor Agreements and the Disadvantage Business Enterprise program. Project Labor Agreements promote a commitment to labor stability and a local workforce, apprenticeship and employment goals for people of color and women, and nondiscrimination and fairness in employment for both union and nonunion contractors and craft workers. Project Labor Agreements require that 20 percent of all hours be set aside for persons of color. The Disadvantage Business Enterprise program requires that 18.2 percent of all construction and architecture/engineering consultant dollars be set aside for small businesses that are at least 51 percent owned by individuals who are socially and economically disadvantaged. New jobs associated with TDLE itself or new development or connectivity between communities could yield a benefit to environmental justice communities.

4.4.4.2 Community Engagement

Sound Transit's community engagement procedures, EO 12898 and EO 14096, U.S. DOT Order 5610.2C, and FTA Circular C 4703.1 require Sound Transit to provide meaningful opportunities for minority, low-income, and limited English proficiency groups to engage in the planning process.

As part of its public engagement efforts, Sound Transit conducted a preliminary demographic analysis to identify low-income, minority, and limited English proficiency populations. Based on this analysis, Sound Transit used specific strategies to reach those communities during public outreach. As the project moves forward, Sound Transit will continue to engage community leaders, jurisdictions, and social service providers to seek input, assess outreach methods, and identify additional ways to reach low-income, minority, and limited-English-proficiency populations.

4.4.4.3 Preliminary Environmental Justice Determination

After consideration of the totality of circumstances, including mitigation, offsetting direct and indirect benefits, and impacts, FTA has preliminarily determined that the project would not result in disproportionate and adverse effects on environmental justice populations as defined in EO 12898, EO 14096, and U.S. DOT Order 5610.2C.

4.4.5 Potential Mitigation Measures

Mitigation measures described in Chapter 3 Transportation; Section 4.1, Acquisitions, Displacements, and Relocations; Section 4.3, Economics; Section 4.5, Visual and Aesthetics; and Section 4.7, Noise and Vibration would address potential impacts to environmental justice population, social resources, community facilities, and neighborhoods. No additional mitigation measures would be anticipated.

4.5 Visual and Aesthetic Resources

4.5.1 Introduction to Resource and Regulatory Requirements

This section analyzes the potential changes to visual quality and potential effects on views and sensitive viewers in the area surrounding TDLE. Visual and aesthetic resources can be natural features, such as hills and mountains, waterbodies, trees, or entire landscapes, such as a valley ringed by hills, but they can also include built features, such as parks, bridges, buildings, residential neighborhoods, or a city skyline.

Sound Transit adapted FHWA and WSDOT guidelines to conduct visual analysis (FHWA 1988, 2015; WSDOT 2019). The FHWA guidelines provide a generally accepted methodology for preparing visual assessments for linear transportation projects and are appropriate for use on this project to meet federal requirements. Local planning documents, ordinances, and codes were also reviewed to identify important visual resources and to determine whether local jurisdictions have established protections for visual resources, such as protected view corridors and/or viewpoints. None of the documents reviewed identified protected views from specific locations, or areas such as roadways or view corridors that would be applicable to the TDLE build alternatives. WSDOT has not designated the portions of I-5, SR 99, or SR 18 within the study area as scenic or recreational highways.

In addition, Sound Transit considered Resource Conservation Areas (formerly called “Beautification Areas”) along the I-5 right-of-way. These areas were originally acquired under the Highway Beautification Act of 1965 by FHWA and WSDOT for the “restoration, preservation and enhancement of scenic beauty adjacent to the highway,” and are discussed further in Section 4.5.2, Affected Environment.

The extent of potential impacts on the visual environment are evaluated according to FHWA guidelines in terms of the level of change perceived by viewers to the visual character and quality of the environment and the sensitivity of those viewers to the change. Images of some existing views and visual simulations are included in this section to illustrate the visual character being described and the impact on visual quality and character.

Additional information on the resources and the analysis as well as images of existing views with simulations of proposed alternatives are provided in Appendix J2, Visual Assessment Background and Simulation Analysis.

4.5.2 Affected Environment

4.5.2.1 Overview of Visual Resource Considerations

The study area for the visual and aesthetic resources analysis is defined in terms of landscape units within the TDLE corridor. The landscape units represent distinct landscapes along the project corridor and include the travel lanes of I-5. They encompass viewsheds on either side of the project corridor. The landscape units are shown on Figure 4.5-1.

A landscape unit may include several areas that are visible from a specific location and several types of landscapes, such as neighborhoods, undeveloped areas, transportation facilities or other major features. Depending on site distance allowed by topography and the layout of neighborhoods, streets, bridges, or tree cover, viewsheds are up to 2 miles long and are up to 0.5 mile from the guideway centerline of the alternatives. In densely developed areas, evaluations within viewsheds generally focus on areas that are within the foreground viewing distance (approximately 200 to 500 feet).

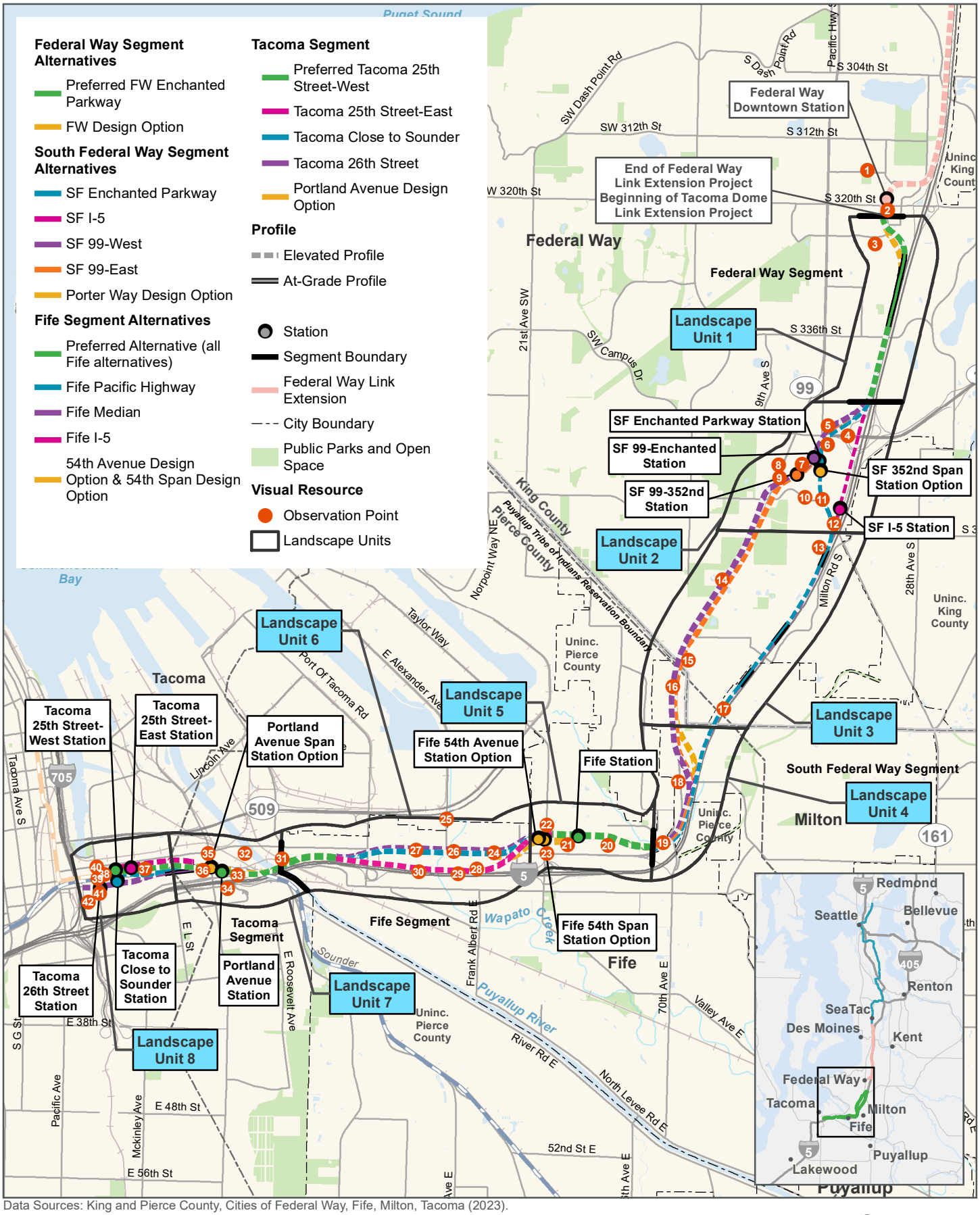

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 4.5-1
Landscape Unit Overview

Tacoma Dome Link Extension

The visual environment for each landscape unit is based on the visual character and visual quality for each landscape unit, and how typical viewers may respond to what they see around them. Specific views of the Olympic Mountains and Puget Sound, the Cascade Mountains and Mount Rainier, the Puyallup River and Thea Foss Waterway were identified as important features to the communities along the corridor, based on site visits and conversations with stakeholders and staff from affected cities.

Each landscape unit was evaluated for locations with concentrations of viewers who would be sensitive to visual changes in their surroundings and would experience impacts to visual quality from TDLE. Such concentrations were found in the South Federal Way Segment and the Fife Segment.

Visual conditions in the TDLE corridor were analyzed at select locations and primary directions from which viewers have greater potential to see changes resulting from the build alternatives. Using photos of the existing conditions taken from these selected observation point locations, visual simulations were developed to show the potential visual change to the existing visual environment.

The existing visual environment is described here in three ways:

Visual character refers to identifiable and memorable visual information, including environmental features and natural or cultural visual elements of scale, form, or material. Observations like historic, urban, rural, or agricultural are referring to visual character.

Visual quality refers to the evaluation of the visual experience to the public and is described in terms of vividness, intactness, and unity. Vividness refers to the way landscape components combine in distinctive and memorable visual patterns. Intactness refers to whether the natural and human-built visual patterns form a consistent landscape or whether highly contrasting features intrude into the view. Unity refers to the visual coherence and compositional harmony of the landscape considered as a whole. Each of the landscape units were assigned different levels of visual quality:

- High visual quality describes views with vivid, memorable, distinctive features in a landscape with compositional harmony or where elements of the landscape fit together in a visual pattern that is free from encroaching elements.
- Medium visual quality describes views with a unity or compositional harmony between elements of the landscape that produce a pleasing overall impression in which encroaching elements are minor and do not substantially alter the perception of the landscape as a unit. These views may lack vivid or memorable features.
- Low visual quality describes views that lack a dominant visual character in which there is a low level of fit between disparate elements. In some cases, these views appear disorganized with features that seem out of place or are views with some compositional harmony but include eyesore elements that can dominate one’s perception. In developed areas, there is typically minimal landscaping or other aesthetic features.

Viewer response reflects viewer exposure and viewer sensitivity. Viewer exposure refers to where viewers are, how many viewers there are, and how long they are typically there. Viewer sensitivity refers to how viewers perceive the environment and what they find important. Viewer sensitivity can be affected by what the viewer is doing, the visual context, and the values, expectations, and interests of the viewer.

Viewer sensitivity has been rated as high, average, or low for the potential viewer groups within the landscape units. High sensitivity represents viewers who highly value a particular view. Low sensitivity represents viewers who do not regard the visual setting as important to their activities. For example, residential viewers are typically rated as having moderate to high sensitivity. Motorists driving for pleasure, persons biking or walking for pleasure, or tourists visiting an area to enjoy scenic features have a high awareness of features and high to moderate sensitivity. Individuals engaged in recreation activities in parks or on trails also have a high awareness and sensitivity to the surroundings. An average sensitivity rating reflects the experience of people who view the visual context as a secondary feature of other activities. For example, these could be persons at work or shopping who may value a pleasant environment but are not at a location for the specific purpose of enjoying the scenery. Motorists and vehicle occupants passing through an area are less sensitive to the visual context because they are focusing on features other than the surrounding landscape and generally have average to low sensitivity. Low viewer sensitivity generally describes the experience of persons engaged in activities that render the quality of their surroundings as irrelevant or incidental. Those with low viewer sensitivity could be nonresidents, workers traveling through or working in an area, or viewers from nearby commercial or industrial land uses.

Additionally, Resource Conservation Areas owned and maintained by WSDOT are noted in the study area characteristics and environmental impact sections below. These are specific buffer areas beyond interstate rights-of-way that are not required for operation of the interstate and that may contain mature native vegetation. Figure 4.5-1, Landscape Unit Overview, shows landscape units, where impact locations would occur for sensitive viewers, and locations of observation points.

4.5.2.2 Study Area Characteristics

Federal Way Segment

Figure 4.5-2 shows the one landscape unit in the Federal Way Segment, the observation points, and the build alternative alignments. The landscape unit boundary is drawn to encompass the mainly residential area of Landscape Unit 1.

Landscape Unit 1, Federal Way Downtown Station to S 344th Street

The northern portion of Landscape Unit 1 extends north of the FWLE terminus and includes the Federal Way downtown area, the Federal Way Performing Arts Center, The Commons at Federal Way, the Federal Way Downtown Station, and the central business district. A visually prominent transmission line structure crosses over the landscape unit at S 324th Street. The central portion includes Belmor, a residential mobile home community that includes a nine-hole 3-par golf course and club house with community space, pool, and offices. A residential neighborhood is located west of I-5 and south of Belmor. The southernmost portion of this area is the I-5 corridor and features the Christian Faith Center campus. The I-5 viewshed is bordered by roadside forested swaths along with the open spaces of the transmission line corridor and the former Weyerhaeuser campus. Typical vegetation types in the landscape unit include mature coniferous and deciduous trees, native shrub understory, street trees and median landscaping, and other planted landscape elements. Also in the southern portion of this area is a Resource Conservation Area adjacent to I-5 just north of South 344th Street. The northern area is 0.3 acres and is covered with areas of Himalayan blackberry and native deciduous and coniferous trees. Viewers with high sensitivity are residents in Belmor and residents neighboring I-5 south to S 336th Street.

The mix of residential, commercial, and highway corridor elements gives the landscape unit area a medium visual quality.

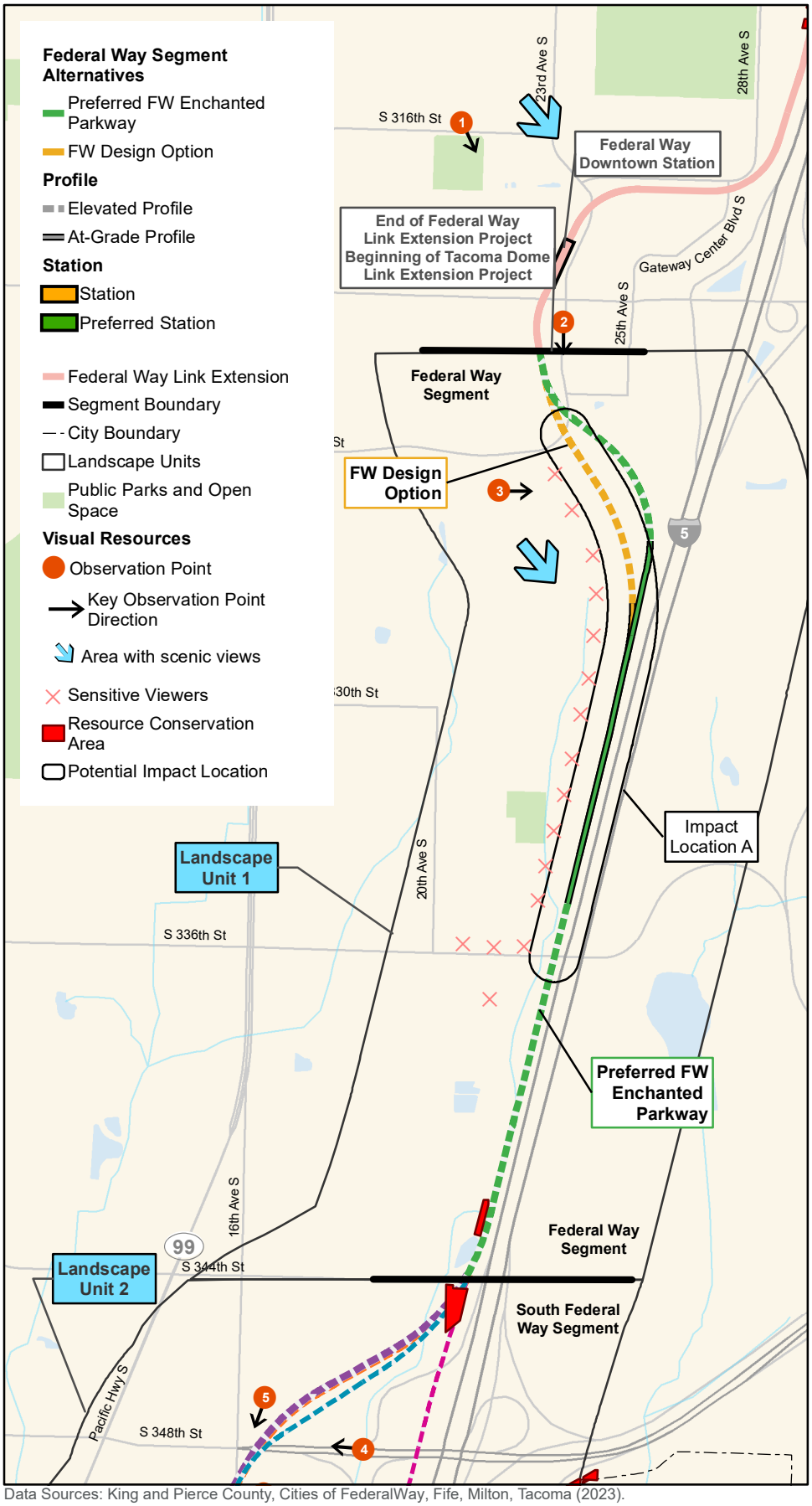

Observation Point 1:
Looking south from the Federal Way Performing Arts and Events Center

Observation Point 3:
Looking east from a street in Belmor Park

Data Sources: King and Pierce County, Cities of FederalWay, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.5-2
Landscape Units and Observation Points
Federal Way Segment

Tacoma Dome Link Extension

Currently, relatively unobstructed views of Mount Rainier can be seen from the Federal Way Downtown Park and Performing Arts Center and Belmor. Other potential viewers include patrons and employees of the businesses and places of worship in the area (low to average sensitivity), pedestrians and cyclists (average to high sensitivity), and drivers on local roads and I-5 (average sensitivity, higher for sightseeing travelers). The residential areas have medium visual quality and are buffered from the freeway by mature vegetation and coniferous trees, noise walls, topography, and distance.

South Federal Way Segment

Figure 4.5-3 shows the three landscape units in the South Federal Way Segment, the observation points, and the build alternative alignments and stations. The landscape unit boundaries are drawn to distinguish between the commercial character of Landscape Unit 2, the more rural character of Landscape Unit 3, and the increasingly commercial, industrial, and transportation-oriented character of Landscape Unit 4. The South Federal Way Segment has several WSDOT Resource Conservation Areas that are near the TDLE build alternatives.

Landscape Unit 2, S 344th Street to S 360th Street

Landscape Unit 2 encompasses a portion of the I-5 corridor, including both the SR 18 interchange and the SR161/I-5 overcrossing and off-ramp as well as the area to the west of I-5 in the vicinity of Enchanted Parkway. The I-5 corridor occupies the eastern portion of the landscape unit with 10 traffic lanes and multiple flyovers and ramps. Coniferous and deciduous trees line I-5 and buffer views from neighborhoods to the east. A mix of mostly deciduous trees partially buffer views of commercial buildings to the west, except for the area in front of Jet Chevrolet. The visual character of the west side of Landscape Unit 2 is generally influenced by commercial development and urban uses with a wide variety of building sizes and character, which tends to reduce visual unity. Elements of the streetscapes with setback businesses, sidewalks with landscaping, and street trees provide some compositional harmony through a similar street-level character over most of the area. The scenic Mount Rainier can be viewed from Enchanted Parkway and other open locations. Residents in communities south of S 356th Street, west of I-5 are likely to be more sensitive to and aware of potential visual changes due to their high exposure to project alternatives. Other viewers in this landscape unit include patrons and employees of the various businesses in the area (low sensitivity); drivers on I-5 (low to average sensitivity, higher for sightseeing travelers); and drivers, pedestrians, and cyclists on Enchanted Parkway/SR 161 and local streets (average sensitivity).

Several Resource Conservation Areas exist in Landscape Unit 2: two northwest of the I-5/SR 18 interchange and a cluster southeast of the interchange. The northern area is 0.32 acres and is covered with deciduous and coniferous trees; the second area, just to the south, is 1.01 acres and is largely covered with Himalayan blackberry and just a few trees.

The diverse mix of residential, commercial, and industrial elements gives the area a medium visual quality.

South Federal Way Segment Alternatives
- SF Enchanted Parkway
- SF I-5
- SF 99-West
- SF 99-East
- Porter Way Design Option

Profile
- Elevated Profile
- At-Grade Profile

Station
- Station
- Preferred Station

- Segment Boundary
- City Boundary
- Public Parks and Open Space
- Landscape Units

Visual Resources
- Observation Points
- Key Observation Point Direction
- Area with scenic views
- Sensitive Viewers
- Resource Conservation Area
- Potential Impact Location

Observation Point 9:
Looking south on SR 99 from mid block between S 352nd Street and S 356th Street

Observation Point 13:
Looking east from Todd Beamer High School

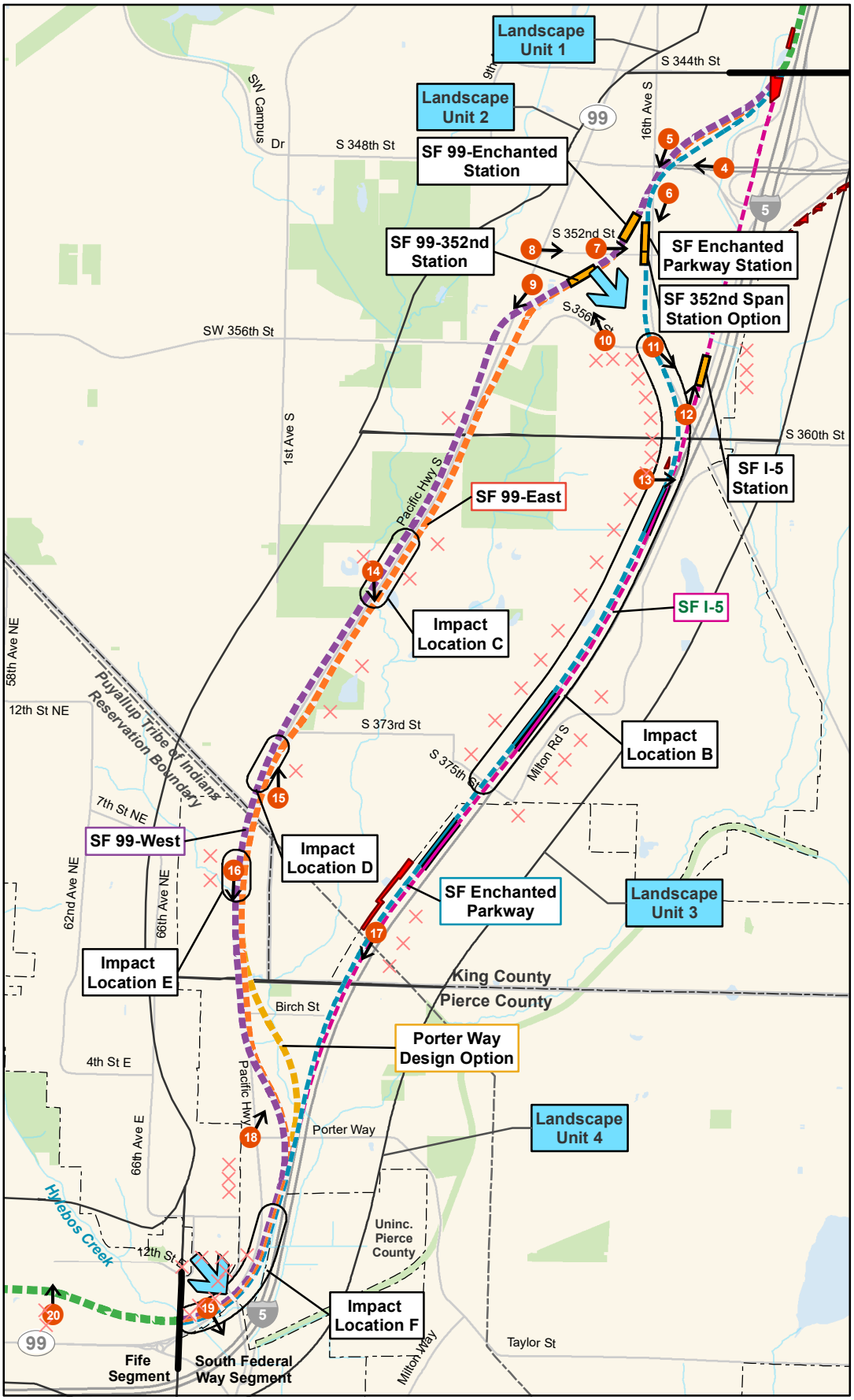

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.5-3
Landscape Units and Observation Points
South Federal Way Segment

Tacoma Dome Link Extension

Landscape Unit 3, S 360th Street to King/Pierce County Boundary

Landscape Unit 3 encompasses the I-5 and SR 99 corridors extending beyond the southern Federal Way city limits into Milton and Pierce County. The geography of the area consists of gently rolling hills, farm properties, and forested areas transitioning to more commercial land uses in the southwestern side of the landscape unit. Vegetation in this landscape unit consists of broad areas of mature conifer and deciduous trees, with additional trees and shrubs on the edges of agricultural areas. Built elements along the east side of I-5 include Wild Waves Theme and Water Park with associated surface parking lots and a heavily excavated commercial sand and gravel extraction site to the south. The northern portion of Landscape Unit 3, west of I-5 and including the SR 99 corridor, has generously spaced, single-family homes, the Todd Beamer High School campus, a Montessori preschool, and Gethsemane Cemetery. To the south, an auto-oriented commercial district lines both sides of SR 99.

Residents in the area with the closest proximity to the highway corridors are most likely to see changes (high sensitivity), including residents of properties west of I-5 and in the Spring Valley Mobile Home Park community adjacent SR 99. Additional potential viewers include residents of the senior living home east of I-5 on S 376th Street (average sensitivity due to less proximity), sightseeing travelers (higher sensitivity), drivers on local roads (average sensitivity), drivers on I-5 (low sensitivity), students at Todd Beamer High School and Montessori Academy at Spring Valley (average to high sensitivity), and patrons and employees at Wild Waves Theme and Water Park (low sensitivity looking across I-5). The area has medium to high visual quality due to the visual unity provided by vegetation cover along the corridors, with most views in the area either bounded by or including moderate to dense vegetation. There are two Resource Conservation Areas in Landscape Unit 3. Both areas are well covered with deciduous and coniferous trees.

Landscape Unit 4, King/Pierce County Boundary to Fife City Limit near Wapato Way East

The geography of Landscape Unit 4 consists of relatively level agricultural land east of I-5 and commercial uses immediately west of I-5, and the elevation rises towards a residential neighborhood west and northwest of I-5. The southeast slopes of the residential neighborhood along 69th Avenue E offer views of Mount Rainier. Vegetation in Landscape Unit 4 consists of suburban properties bounded by vegetated riparian corridors, deciduous trees, and by pockets of mixed native forest. Built elements consist of single- and multi-family homes, various auto-oriented commercial land uses, I-5, and SR 99. The residents directly west and northwest of the build alternatives are the most sensitive viewers due to proximity and the potential for obscured views of Mount Rainier. Other potential viewers include patrons and employees of local businesses (low to average sensitivity), sightseeing travelers (higher sensitivity), drivers on local roads (average sensitivity), and drivers on I-5 and SR 99 (low sensitivity). The area has medium visual quality because of its blend of open space and residential uses along with visual lower-quality commercial uses.

Fife Segment

Figure 4.5-4 shows the two landscape units in the Fife Segment. The landscape unit boundaries generally distinguish east and west areas of Fife. The eastern portion has more rural and residential areas, while the western portion is increasingly commercial, industrial, and transportation oriented.

Observation Point 13: Looking north on 62nd Avenue E

Observation Point 17: Looking west on Pacific Highway E

Observation Point 21: Looking west on I-5

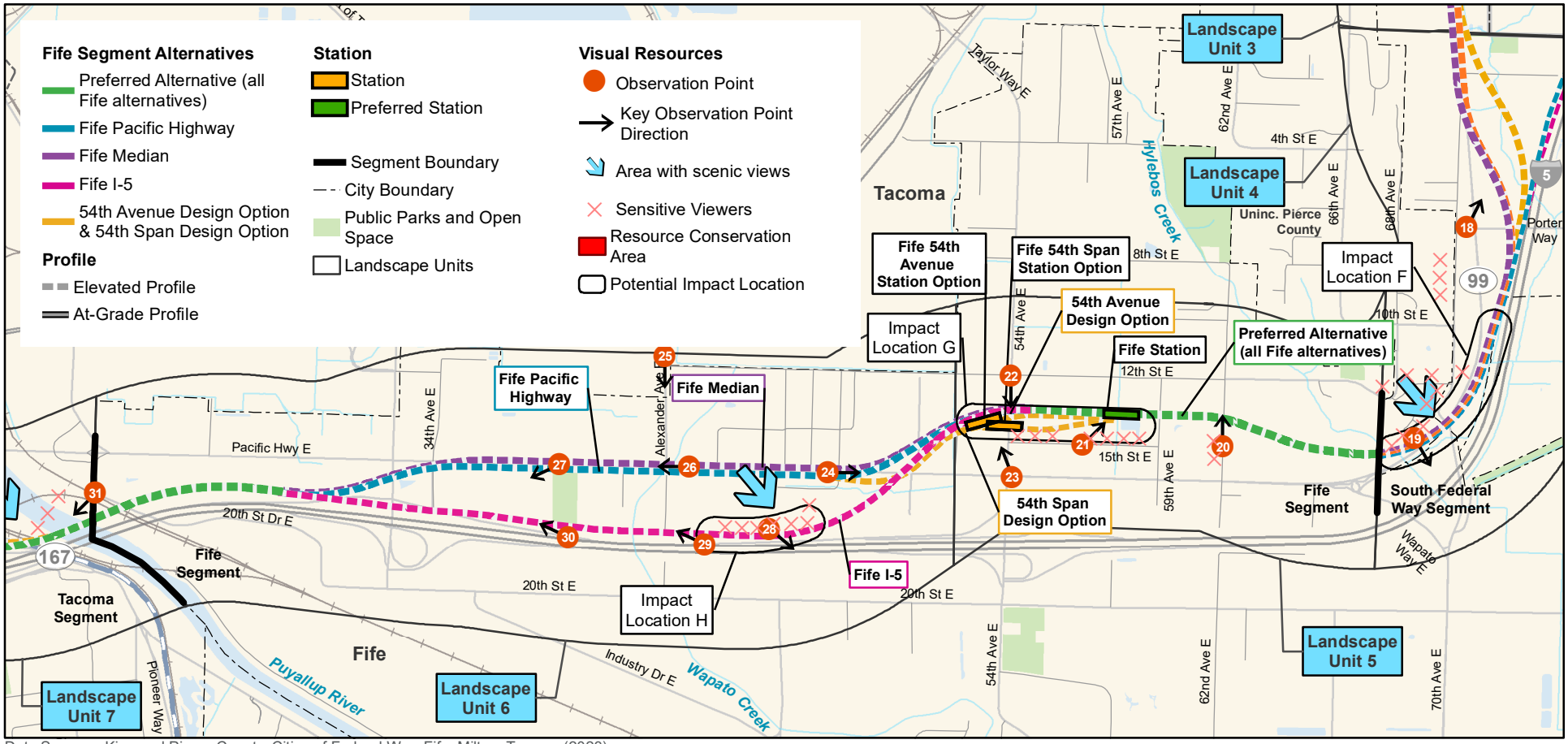

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.5-4
Landscape Units and Observation Points
Fife Segment

Tacoma Dome Link Extension

Landscape Unit 5, Fife City Limit near Wapato Way East to 52nd Avenue East

The geography of Landscape Unit 5 is relatively level, with no prominent topographic features, and is bounded on the north and east sides by the Hylebos Creek corridor. Mount Rainier is visible from many areas in the landscape unit. The vegetation in Landscape Unit 5 consists of patches of mixed native forest, open agricultural land to the north, and planted street trees and other landscaping vegetation to the south. Built elements in the landscape unit consist of various industrial land uses north of the build alternative alignment, two small areas with single-family residences, a senior apartment building, church, and various commercial uses along I-5 and SR 99, including Emerald Queen Casino, Tahoma Market, and Tacoma RV Center. Other visible built elements include tall light posts along I-5 and SR 99 and shorter streetlamps along SR 99. The most sensitive viewers with proximity to the project alternatives are visitors to the St. Paul Chong Hasang church on 62nd Avenue E and the residents on 15th Street E. Other viewers include patrons and employees at the various businesses in the area (low to average sensitivity), sightseeing travelers (higher sensitivity), pedestrians and cyclists (average sensitivity), and freight haulers and drivers on SR 99 and I-5 (low sensitivity). The diverse mix of residential, commercial, and industrial elements gives the area a medium visual quality.

Landscape Unit 6, 52nd Avenue East to Puyallup River

The geography of Landscape Unit 6 has mostly level topography, with some variation around I-5 and near the Puyallup River. Vegetation in the landscape unit is sparse due to the heavily developed nature of the area except for native vegetation along Wapato Creek, Puyallup River, and smaller waterways. Other vegetation includes ornamental trees and shrubs lining streets, with landscaping around residential and commercial developments. The built environment features multiple land uses and building types, large surface-level parking lots, wide streets, and highways, including Pacific Highway E and I-5. This landscape unit contains many industrial manufacturing, storage, and repair businesses. Commercial development is varied and includes car dealerships and other auto-oriented businesses as well as strips of smaller retail developments, motels, and drive-through restaurants concentrated between I-5 and Pacific Highway E. The area also contains two separate single-family residential communities located north of Pacific Highway E, one near 12th Street E and Alexander Avenue E and the other between 46th Avenue E and Willows Road E. Both have limited visual exposure and views of the alternatives. Sensitive viewers with the most potential for exposure to visual change are those living in the Chateau Rainier Apartments. Other viewers include patrons and employees of businesses along Pacific Highway E (average sensitivity), pedestrians and cyclists along SR 99 (average sensitivity), users of the Puyallup River (medium to high sensitivity), and freight haulers (low sensitivity) and drivers on local roads, Pacific Highway E, and I-5 (low to average sensitivity). The overall visual quality for viewers is medium to low due to the lack of visual unity and developments with low visual interest.

Tacoma Segment

Figure 4.5-5 shows the two landscape units for this segment, including observation points. The areas close to the river and near E Portland Avenue have an industrial character, and the area around the Tacoma Dome has more viewers as well as a mix of transit, civic, retail, and other developments. There are no Resource Conservation Areas in the Tacoma Segment landscape units.

Observation Point 34: Looking northeast from the Emerald Queen Casino Tacoma

Observation Point 39: Looking east across D Street towards Freighthouse Square

Observation Point 42: Looking north towards downtown Tacoma from LeMay Museum

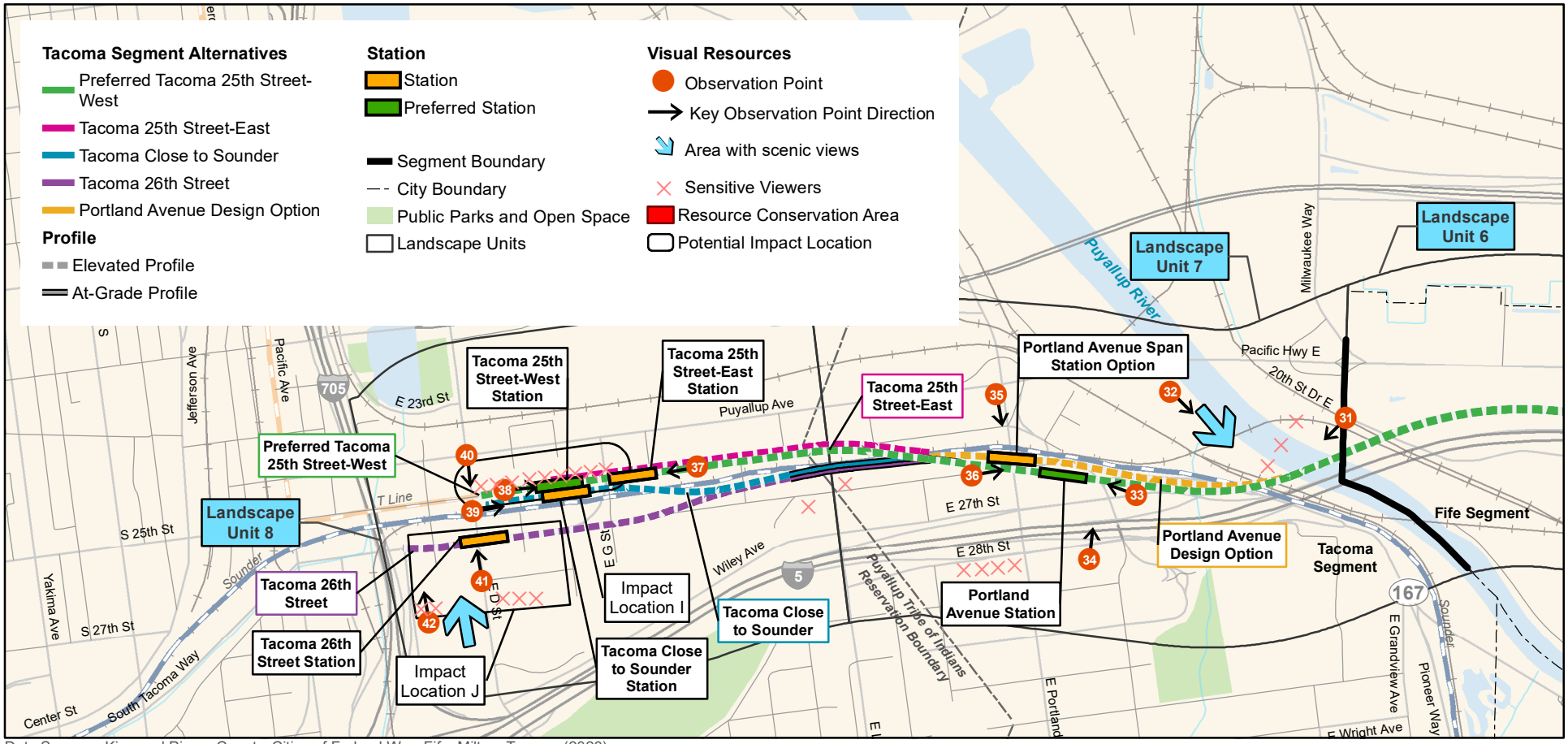

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.5-5
Landscape Units and Observation Points
Tacoma Segment

Tacoma Dome Link Extension

Landscape Unit 7, Puyallup River to East L Street

Geographically, Landscape Unit 7 generally slopes down from south to north and flattens out at Puyallup Avenue. The landscape unit contains small patches of mostly deciduous trees and shrubs around the Puyallup River and other smaller waterways. Landscape Unit 7 features various land uses and building types, including single-family residences, two large casinos, and a cemetery. Large-scale industrial uses, including a large rail yard, are located north of the alternatives. Bridges in the landscape unit include nearby railroad bridges and two bridges for vehicles crossing the Puyallup River: one on I-5 and the other — the Fishing Wars Memorial Bridge — on Pacific Highway connecting to Puyallup Avenue. Other built elements include the major roadways I-5 and E Portland Avenue. The most sensitive viewers to the proposed build alternatives in the Tacoma Segment are patrons and employees of businesses near E Portland Avenue (average sensitivity viewers). Other viewers include residents south of I-5 (low exposure given their distance from the project), pedestrians, cyclists and waterway users (average sensitivity), drivers on local streets and I-5 (low sensitivity), and sightseeing travelers (higher sensitivity). The area has low visual quality due to the lack of visual harmony of the diverse variety of building styles and other built features.

Landscape Unit 8, East L Street to I-705

Landscape Unit 8 encompasses the southern terminus for all of the TDLE build alternatives. This landscape unit has a moderate topographic change from south of I-5 sloping down to the waterway, with rolling hills to the east and west, and a flatter topography along Puyallup Avenue. Vegetation is generally sparse north of I-5, with vegetated areas of deciduous and coniferous trees on the slopes south of I-5 in and around McKinley Park. Other vegetation includes streetscape trees and shrubs and ornamental landscaping associated with developed areas. There are several older buildings with character, including Freighthouse Square, as well as the monumental-scale architecture of the Tacoma Dome and LeMay America's Car Museum (LeMay Museum) and large areas dedicated to surface parking. There are locations with views of the Tacoma bridges, waterways, and city skyline. The landscape unit features a major transit hub, including a large Pierce Transit bus depot and parking garage complex at East G Street and Puyallup Avenue, a Sounder and Amtrak station between E 25th and E 26th Streets at East D Street, and a station on E 25th Street for the Tacoma Link line to downtown Tacoma. There is also a mixed-use residential development under construction on E 25th Street.

North of the build alternatives, the area is dominated by large industrial land uses, including a substantial rail yard. The streets in the Tacoma Dome area are narrower and more pedestrian oriented than in other areas of the TDLE study area. Overall, the lack of visual harmony among the multiple building and landscape forms and features contributes to a medium visual quality for this landscape unit. Pedestrians, cyclists, transit users, and local motorists would have average sensitivity to changes in this area. The most sensitive viewers would be residents and sightseeing pedestrians and drivers visiting the LeMay Museum, the Tacoma Dome, and the Freighthouse Square area (average- to high-sensitivity viewers). Other viewers include pedestrians, cyclists, employees, patrons of local businesses, transit users, local drivers (average sensitivity), and residents in areas to the south of I-5 with overlooking views (low exposure due to distance).

4.5.3 Environmental Impacts

The following three factors were used to determine impacts on visual and aesthetic resources:

- Change to the visual quality of the TDLE corridors near areas with concentrations of sensitive viewers (mostly residents).
- Potential blockage of or intrusion on scenic views.
- Impacts from light, glare, and shade related to guideways, stations, parking areas, and trains.

This section discusses the direct and indirect long-term operational and short-term construction impacts of the No-Build Alternative and build alternatives.

As part of this evaluation, computer-generated visual simulations were developed to show the potential visual impact of TDLE and illustrate the expected scale and general appearance of the alternatives and options from 42 observation points, the location of which are shown on Figure 4.5-1, as well as on Figures 4.5-2 to 4.5-5. Visual simulations for all of the observation points can be found in Appendix J2, Visual Assessment Background and Simulation Analysis. The simulations are based on preliminary design, which would be refined as the design progresses. Project features such as sound walls and landscaping are the most likely to change as design progresses, whereas the size, scale, and location of the guideway itself is less likely to change.

The focus of this evaluation is on areas where visual quality would be lowered for higher-sensitivity viewers. For this project, the most sensitive viewers are usually in residential areas, but other viewers would see visual changes from buildings, sidewalks, and roadways, including workers, customers, sightseeing travelers, and motorists.

4.5.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Under the No-Build Alternative, the visual quality of the landscape units would be similar to existing conditions, except for Landscape Unit 1.

In Landscape Unit 1, FWLE has constructed a new station and tail track in the Federal Way downtown area that will be an apparent addition to the urban landscape there. The Federal Way City Center Access Project could remove existing single-family residences and vegetation adjacent to and within the I-5 right-of-way. Also, the Sound Transit OMF South preferred and South 344th Street alternatives are in this area. If either of these alternatives are selected to be built, they would have impacts similar to the Preferred FW Enchanted Parkway and FW Design Option to connect the OMF site to the existing system. These projects would have the potential to change the landscape character of adjacent areas and to reduce visual quality based on a perception of intrusive or incompatible visual features by higher-sensitivity viewers.

Elsewhere, changes to the landscape would be limited to minor improvements of existing roadways and private development along the corridor, with incremental changes to the visual environment over time.

4.5.3.2 Long-Term Impacts for the Build Alternatives

To determine visual impacts, ratings for visual quality are assigned both before and after the construction of alternative options. Visual quality ratings range from 1 to 7 and are described as follows: 1) very low, 2) low, 3) medium low, 4) medium, 5) medium high, 6) high, and 7) very high. For the purpose of this analysis, a visual impact occurs when the visual quality category

would be lowered one category or more (medium high to medium or medium to medium low) in an area with a concentration of sensitive viewers.

The following criteria are used to characterize the degree of visual quality change from existing conditions in terms of changes in the elements of vividness, intactness, and unity, as well as viewer sensitivity.

- High change would remove existing features and/or introduce visually prominent features that alter the visual quality of the area. High changes include removing dense mature vegetation that contributes to high or moderately high visual quality or when vegetation provides effective screening of less attractive views. High changes may also include prominent structures that are larger in scale or higher than surrounding visual features. A high change in visual quality rating would result in a changing of the existing visual quality category rating by one or more categories; for example, a high existing rating to a medium or low rating.
- Medium change would alter visual features but not in a way that would be perceived as intrusive or incompatible by most viewers and would not substantially change the visual quality. A medium change can result from the removal of vegetation that would not affect the extent to which highway or light rail features are screened or buffered or that renders features more visible or prominent. A medium change in visual quality rating results in one category change, for example an existing rating of medium would change to a medium low rating.
- Low change generally includes relatively minor new features or relatively minor alteration of existing features, such as vegetation cover. Replacing structures such as noise walls with similarly sized structures would result in minor changes to intactness and visual unity. In some cases, physically prominent new features might result in a low change in visual quality if the existing visual context already has low visual quality. No change in visual quality rating results when a low change is determined.

Impacts Common to All Alternatives

All of the project alternatives would change visual conditions by removing existing landscape features, including trees, landscaping, and buildings, and replacing these with a primarily elevated light rail guideway, stations, and other accessory facilities. All of the alternatives would involve visual changes when overhead utilities are added, raised, or relocated, or where streets or other facilities are modified, replaced, or added. All of the alternatives have components such as retaining walls, noise walls, and sections of elevated guideway supported by columns that would be visually prominent for some adjacent residents and other viewers. Where mature vegetation framing the roadway is removed, viewers may perceive the highway corridor as wider and more prominent, and it can change the visual context of adjacent residential areas by removing the visual buffer from the transportation corridor.

Common to all the alternatives with stations, lighting at stations and parking facilities could create light impacts with glare, an increase in the level of ambient light nearby, and increased skyglow, which can impact nighttime views of the sky. These impacts would be similar for either type of parking facility, structured or surface. Future light rail passengers are likely to experience scenic views from the elevated TDLE station platforms and along the elevated guideway.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of visual impacts, just in a smaller geographic area, until the remaining phases were completed.

Federal Way Segment

Overall, the build alternatives would have a medium change to visual quality in Landscape Unit 1 of the Federal Way Segment. Some residents in the Belmor community and along I-5 in the Federal Way Segment would experience visual impacts with views of the elevated guideway structures. The Federal Way Design Option alignment would be closer to and would have higher impact for some residents in the Belmor community (Figure 4.5-6). See Impact Location A on Figure 4.5-2 for the location where one or more alternatives would impact visual quality near areas with concentrations of sensitive viewers (residents) and Appendix J2 for more information on impacts in Landscape Unit 1.

Additionally, an existing cell tower near I-5 and Oakland Hills Boulevard would likely be relocated to available open property in the vicinity rather than adjacent to the interstate. The location of the relocated tower would be determined during further design and may be visible in private views.

The Resource Conservation Area that is adjacent to the guideway could be affected by the Preferred FW Enchanted Parkway Alternative. This area would be protected from impacts, except where tree removal would be required because their height and proximity would interfere with guideway operations.

Table 4.5-1 summarizes the potential visual impacts near concentrations of sensitive viewers in the Federal Way Segment.

Table 4.5-1 Federal Way Segment Visual Impacts near Concentrations of Sensitive Viewers

Impact Location and Alternative	Existing Visual Quality Rating	Rating of Visual Quality Change[1]	Visual Quality Rating with Build Alternative	Impacted Viewers
Landscape Unit 1				
Impact Location A • Preferred FW Enchanted Parkway	Medium	Medium	Medium low	Residents in Belmor and residents along the west side of I-5

Note:
(1) Impacts are determined as lowering of visual quality ratings of combined averages of ratings for vividness, intactness, and unity. Appendix J2, Visual and Aesthetic Resources Background Report and Simulation Analysis includes numeric ratings. These numeric ratings range from 1 to 7 and are described as follows: 1 – very low; 2 – low; 3 – medium low; 4 – medium; 5 – medium high; 6 – high; 7 – very high.

Existing View

Simulation: Preferred FW Enchanted Parkway

Simulation: Preferred FW Enchanted Parkway with FW Design Option

Figure 4.5-6 Seminole Lane, Belmor Mobile Home Park, looking east (Observation Point 3)

South Federal Way Segment

Overall, the build alternatives in this segment would result in a medium to low change to visual quality in Landscape Units 2, 3 and 4. The visual change surrounding the station area would be the same regardless of the type of parking facility, structured or surface.

Some residents in South Federal Way would experience visual impacts. Figure 4.5-3 shows the following potential Impact Locations:

- Impact Location B, along the west side of I-5 from S 356th Street and continuing south, where some residents in the area and Todd Beamer High School would experience visual impacts from tree removal and proximity to the build alternatives.
- Impact Locations C, D and E, where the alternative alignment would be visible for sensitive viewers at the Spring Valley Montessori school campus, Gethsemane Cemetery (shown in Figure 4.5-8), and Spring Valley Mobile Home Park.
- Impact Location F, where the build alternatives would result in medium to low changes to visual quality in Landscape Unit 4 and some residents with direct views would experience visual quality impacts near 69th Avenue E.

Table 4.5-2 summarizes the potential visual impacts near concentrations of sensitive viewers in the South Federal Way Segment. Additionally, in the South Federal Way Segment, there are several Resource Conservation Areas, totaling approximately 3 acres of land. The Resource Conservation Areas that are adjacent to the guideway could be affected by the SF I-5 and SF Enchanted Parkway alternatives, where tree removal would be required because their height and proximity would interfere with guideway operations. Though not considered a visual impact to sensitive viewers, TDLE would impact about 1 acre of one of the Resource Conservation Areas northwest of the I-5/SR 18 interchange in Landscape Unit 2.

Table 4.5-2 South Federal Way Segment Visual Impacts near Concentrations of Sensitive Viewers

Impact Location and Alternative	Existing Visual Quality Rating	Rating of Visual Quality Change [1]	Visual Quality Rating with Build Alternative	Impacted Viewers
Landscape Unit 2				
Impact Location B • SF Enchanted Parkway	Medium	Medium	Medium low	Residents south of S 356th Street, adjacent to Enchanted Parkway and I-5
Impact Location B • SF I-5	Medium	Medium	Medium low	Residents south of S 356th Street, adjacent to Enchanted Parkway and I-5
Landscape Unit 3				
Impact Location B • SF Enchanted Parkway	Medium	Medium	Medium low	Residents south of S 356th Street, adjacent to Enchanted Parkway and I-5 and Students at High School
Impact Location B • SF I-5	Medium	Medium	Medium low	Residents south of S 356th Street, close to Enchanted Parkway and I-5 and Todd Beamer High School students and staff
Impact Location C • SR 99-East	Medium high	Medium	Medium	Montessori students and staff

Table 4.5-2 South Federal Way Segment Visual Impacts near Concentrations of Sensitive Viewers (continued)

Impact Location and Alternative	Existing Visual Quality Rating	Rating of Visual Quality Change [1]	Visual Quality Rating with Build Alternative	Impacted Viewers
Impact Location C • SR 99-West	Medium high	Medium to high	Medium low	Montessori students and staff
Impact Location D • SR 99-East	Medium high	Medium	Medium	Gethsemane Cemetery visitors
Impact Location D • SR 99-West	Medium high	Medium	Medium	Gethsemane Cemetery visitors
Impact Location E • SR 99-East	Medium low	Medium	Low	Spring Valley Mobile Home Park residents
Impact Location E • SR 99-West	Medium low	Medium	Low	Spring Valley Mobile Home Park residents
Landscape Unit 4				
Impact Location F • All South Federal Way Alternatives	Medium	High	Low	Residents in the area near 69th Avenue E

Note:
(1) Impacts are determined as lowering of visual quality ratings of combined averages of ratings for vividness, intactness, and unity. Appendix J2, Visual and Aesthetic Resources Background Report and Simulation Analysis includes numeric ratings. These numeric ratings range from 1 to 7 and are described as follows: 1 – very low; 2 – low; 3 – medium low; 4 – medium; 5 – medium high; 6 – high; 7 – very high.

Existing view

Simulation: SF Enchanted Parkway Station

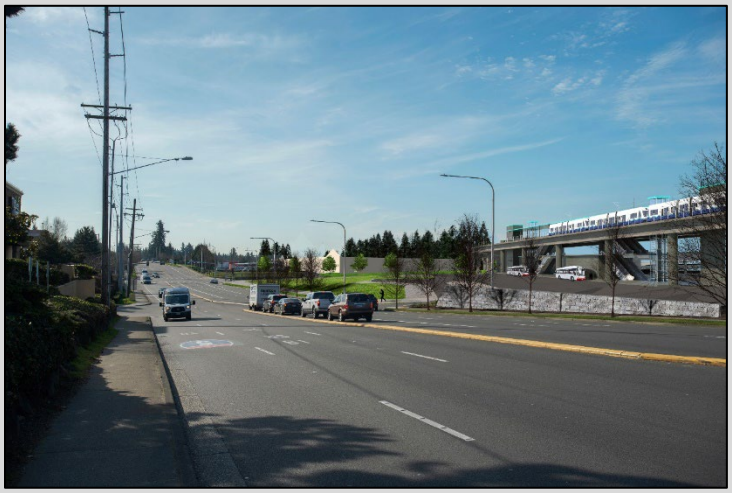

Simulation: SF 99-West and SF 99- East Alternatives

Figure 4.5-7 Enchanted Parkway South of S 348th Street, looking southwest (Observation Point 6)

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure 4.5-8 SR 99 at Gethsemane Cemetery, looking north (Observation Point 15)

Fife Segment

In the Fife Segment, all of the alternatives would have the same visual quality impacts. The visual change surrounding the station area would be the same regardless of the type of parking facility, structured or surface.

In Landscape Unit 5, the proposed elevated guideway structure would be about 500 feet away and partially visible to some residents on the north side of the Rainier View Senior Apartments. As the guideway would be at a distance and partially screened by vegetation and existing structures, the changes to the view at this location would not be considered to be a visual impact. For residents on 15th Street E at Impact Location G, shown on Figure 4.5-9, the 54th Span Design Option would have a higher visual change.

In Landscape Unit 6, the build alternatives would have moderate to low impact to visual quality. The elevated guideway of the Fife I-5 Alternative would appear more similar in scale with other structures seen on I-5 as compared with the Fife Pacific Highway and Fife Median Alternatives, where the large scale of the elevated guideway would visually contrast more with the smaller visual scale elements visible along Pacific Highway. The Fife Pacific Highway and Fife Median alternatives would be more central to the community (Figure 4.5-9) and would affect different viewer groups than the Fife I-5 Alternative along the freeway, which would impact views of Mount Rainier from Chateau Rainier (Figure 4.5-10) and would obscure views of auto dealerships and business signs seen from the interstate (Figure 4.5-11). See Impact Locations G and H on Figure 4.5-4, which identify locations where one or more alternative would impact visual quality near areas with concentrations of sensitive viewers (residents), and Table 4.5-3, which summarizes visual impacts near concentrations of sensitive viewers in the Fife Segment.

Table 4.5-3 Fife Segment near Concentrations of Sensitive Viewers

Impact Location and Alternative	Existing Visual Quality Rating	Rating of Visual Change [1]	Visual Quality Rating with Build Alternative	Impacted Viewers
Landscape Unit 5				
Impact Location G • All Fife Alternatives	Medium	Medium	Medium low	Church visitors on 62nd Avenue E and residents on 15th Street E
Impact Location G • 54th Span Design Option	Medium	High	Low	Church visitors on 62nd Avenue E and greater impact for residents on 15th Street E
Landscape Unit 6				
Impact Location H • Fife I-5 Alternative	Medium low	Medium	Low	Residents of the Chateau Rainier apartment complex with direct views. Scale of elevated guideway less visually contrasting in context of I-5

Note:
(1) Impacts are determined as lowering of visual quality ratings of combined averages of ratings for vividness, intactness, and unity. Appendix J2, Visual and Aesthetic Resources Background Report and Simulation Analysis includes numeric ratings. These numeric ratings range from 1 to 7 and are described as follows: 1 – very low; 2 – low; 3 – medium low; 4 – medium; 5 – medium high; 6 –high; 7 – very high.

Existing view

Simulation: Fife Pacific Highway Alternative

Simulation: Fife Median Alternative

Figure 4.5-9 Pacific Highway E at 40th Avenue E, looking west (Observation Point 26)

Existing View | Simulation: Fife I-5 Alternative

Figure 4.5-10 Chateau Rainier Apartments, looking southeast (Observation Point 28)

Existing View | Simulation: Fife I-5 Alternative

Figure 4.5-11 I-5, looking northwest (Observation Point 30)

Tacoma Segment

To cross the Puyallup River, both a long-span bridge and a pier-supported bridge are being considered. Both would involve construction of major structures around and over the river. Viewers near the river would be sensitive to visual change with either option. The new bridge would be viewed in front of or with the I-5 bridge structures. Therefore, the river crossing would constitute a low visual change to the general public. However, the visual change would have the potential to impact views of the landscape that are important to the Tribal community.

West of the river, the guideway would pass through an area with industrial uses and a mix of visual forms with low visual unity to E Portland Avenue and either the Portland Avenue Station or the Portland Avenue Span Station Option. The new station and resulting development would improve visual unity and cohesiveness and add an element of vividness in the area. An optional Portland Avenue bike and pedestrian bridge is also being considered to connect the station to the neighborhoods and Puyallup Tribe of Indians facilities on the south side of I-5. Overall, viewer sensitivity is low in this area. The build alternatives would result in a low change to visual quality, while for all alternatives, the addition of the distinctive visual patterns of the elevated guideway structure in this area could improve visual quality.

West of E Portland Avenue on E 25th Street, the Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives would both create a tunnel effect and alter views of existing built elements for street-level viewers. This visually dominant tunnel effect is greater for the Tacoma 25th Street-West Alternative because it extends further west along E 25th Street to East D Street in the Freighthouse Square area (Figures 4.5-12 and 4.5-13). Visual impacts would occur in this area, which has higher pedestrian traffic and viewer sensitivity (Impact area I). The guideway and station, particularly for the Preferred Tacoma 25th Street-West Alternative, would also be potentially prominent in views for some residential units on E 25th Street that are planned or are currently under construction.

The Tacoma 26th Street and Tacoma Close to Sounder alternatives both would pass through a less densely developed area west of East E Street and south of the Sounder tracks. The Tacoma Close to Sounder Alternative would change views for Sounder commuters but would result in less dramatic visual changes than would the Tacoma 25th Street-West for those visiting local businesses at Freighthouse Square and for some residential units (currently under construction on E 25th Street). The introduction of the new vertical elements to the streetscape of an elevated guideway and station of the Tacoma 26th Street Alternative would be visually prominent overhead for patrons and employees at businesses along E 26th Street looking north on East D Street, as seen from the Tacoma Dome area and from the LeMay Museum (Figure 4.5-14). Partial obstruction of water and city views, including views of the prominent cable-stayed East 21st Street Bridge would result in visual impact from the Tacoma 26th Street Alternative. See Impact Locations I and J on Figure 4.5-5, which identifies locations where one or more alternative would impact visual quality near areas with concentrations of sensitive viewers. Table 4.5-4 summarizes visual impacts near concentrations of sensitive viewers.

Table 4.5-4 Tacoma Segment near Concentrations of Sensitive Viewers

Impact Location and Alternative	Existing Visual Quality Rating	Rating of Visual Quality Change [1]	Visual Quality Rating with Build Alternative	Areas with Sensitive Viewers Where Visual Quality Would Be Impacted
Landscape Unit 8				
Impact Location I • Preferred Tacoma 25th Street-West Alternative	Medium high	Medium to high	Medium low	E 25th Street in the Freighthouse Square block
Impact Location I • Tacoma 25th Street-East Alternative	Medium high	Medium to high	Medium low	E 25th Street in the Freighthouse Square block
Impact Location J • Tacoma 26th Street Alternative	Medium	Medium	Medium low	Museum and Tacoma Dome vicinities

Note:
(1) Impacts are determined as lowering of visual quality ratings of combined averages of ratings for vividness, intactness, and unity. Appendix J2, Visual and Aesthetic Resources Background Report and Simulation Analysis includes numeric ratings. These numeric ratings range from 1 to 7 and are described as follows: 1 – very low; 2 – low; 3 – medium low; 4 – medium; 5 – medium high; 6 –high; 7 – very high.

Existing view

Simulation: Preferred Tacoma 25th Street-West Alternative

Simulation: Tacoma 25th Street-East Alternative

Figure 4.5-12 E 25th Street West of East J Street, looking west (Observation Point 37)

Existing View

Simulation: Tacoma 25th Street-East Alternative

Simulation: Preferred Tacoma 25th Street-West Alternative

Simulation: Tacoma Close to Sounder Alternative
(optional pedestrian bridge to parking garage)

Figure 4.5-13 E 25th Street from Link Station, looking east (Observation Point 38)

Existing View

Simulation: Tacoma 26th Street Alternative

Figure 4.5-14 LeMay Museum Balcony, Looking North (Observation Point 42)

4.5.3.3 Avoidance and Minimization of Impacts

When developing TDLE alternatives during conceptual design, Sound Transit considered minimizing the elevation or height of structures to avoid and minimize potential visual impacts. This includes incorporating at-grade profiles to reduce visual and aesthetic impacts where practicable. Early conceptual design also considered where alignments could avoid or reduce acquisitions and clearing of right-of-way where the project would be near or in existing arterial and highway right-of-way or utility corridors.

Measures that would be developed and refined during final design, where practicable, and with input from the affected communities and cities, include:

- Preserving existing vegetation when possible.
- Designing grades of sloped areas, together with retaining walls and noise walls where practicable, to reduce visual impact on adjacent viewers. Designing exterior lighting at stations and park-and-ride lots to minimize height and using source shielding to avoid light that would be directly visible from residential areas, streets, and highways. Shielding would also limit spillover light and glare in residential areas.
- Implementing a consistent architectural theme for elevated elements and stations, with consistent signage and a systemwide art program to improve visual continuity of project elements in the corridor. Design criteria for these project elements would be consistent with local design requirements and redevelopment plans to the extent practicable.
- Adhering to local jurisdiction and WSDOT development standards, design standards, guidelines, and design review, as applicable and practicable, to promote visual unity in station areas.
- Complying with local ordinances and WSDOT regulations regarding tree replacement ratios within state right-of-way or on off-site mitigation site(s).
- Providing visually interesting elements that incorporate design textures, patterns, or colors on walls, constructed in areas near sensitive viewers, such as residences, where there may not be enough room for landscaping that would grow large enough to screen TDLE and where sound walls may be required pursuant to the noise analysis.

- Planting appropriate vegetation within and adjoining the project right-of-way to replace existing street trees and other visually important vegetation that may be removed for the project and/or to provide screening for sensitive visual environments and/or sensitive viewers. Tree replacement is discussed below in Section 4.5.4, Potential Mitigation Measures.

4.5.3.4 Construction Impacts

Impacts Common to All Alternatives

Visual impacts due to construction would be visible but temporary. Existing visual characteristics would undergo fairly rapid localized changes as features are removed and new structures are developed, followed by a longer period of stability as finish work and testing occurs and stations are developed. Construction would last for multiple years, depending on the build alternative chosen and the details of the final design. The existing visual character and form of the build alignment corridor would be altered as existing features are removed and cleared spaces and dirt are revealed. Over time, the construction zone would include staging areas; reserves of building materials; fencing; lighting; gravel piles; large vehicles or pieces of equipment, such as cranes, dump trucks, scaffolding, bulldozers, or excavators; and detours or temporary roads. Other large vehicles may move to and from the site location.

If TDLE parking facilities at both the South Federal Way and Fife stations are constructed 3 years after initial service opens, the same construction-related effects on visual quality and ways to minimize impacts and best management practices would also apply at these two station locations at the time the parking facilities are constructed.

Avoidance and Minimization of Construction Impacts

Throughout the final design phase of TDLE, Sound Transit would consider ways to minimize construction and staging area footprints and minimize clearing to reduce visual impacts.

During construction, Sound Transit would reduce lighting impacts by shielding light sources used in nighttime construction. Where practicable, construction screens or barriers would be placed to limit the visibility of work areas that would intrude on adjacent activities, such as public open space, community facilities, and recreational areas and trails. Sound Transit would incorporate these measures into construction plans and specifications.

4.5.3.5 Indirect Impacts

Extending light rail from Federal Way to Tacoma could support changes to nearby land uses, as allowed by the local jurisdictions in accordance with their adopted plans and zoning. If development and increases in density occur, this could result in changes to the visual setting as well as the number and types of viewers.

4.5.4 Potential Mitigation Measures

In addition to the avoidance and minimization measures considered during the development of the design and in place during construction, mitigation measures would be implemented where practicable to reduce visual impacts in areas near residences and other areas with sensitive viewers to reduce impacts, where appropriate. Sound Transit would refine the mitigation measures as the project design is further developed and feedback from reviewing agencies and the public is received. Most of the potential mitigation measures for visual impacts are related to the use of landscaping or other features to help screen views of the TDLE guideway, stations, or

other project components. Mitigation measures would need to be compatible with Sound Transit's maintenance and operations requirements, which include long-term maintenance, safety, and security considerations.

Visual impacts from removing mature vegetation, including forested areas adjacent to the guideway, would occur for all alternatives. This would result in long-term visual impacts that would not immediately be mitigated by replacement vegetation or landscaping. There may be locations, such as the areas identified for mitigation measures in Figures 4.5-2 to 4.5-5, along the elevated guideway where direct view impacts of the project on adjacent sensitive viewers cannot be mitigated or screened and may result in unavoidable adverse impacts. The locations would be further analyzed as design progresses for the Preferred Alternative in the Final EIS.

In locations where the construction of elevated guideways would remove existing landscaped areas and medians, Sound Transit could replace landscaping, as appropriate, adjacent to the guideway where there is available space. However, in some locations, the area available for re-vegetations would be limited and may not be possible. In these instances, impacts of the project on adjacent sensitive viewers would not be mitigated.

Tree removal within the I-5 corridor would be mitigated according to the WSDOT Roadside Policy Manual. Sound Transit would prepare a roadside master plan in accordance with WSDOT guidelines for the portion of the build alternatives along the I-5 right-of-way. This plan would show proposed construction, landscape treatments, and function of these areas to aid coordination between Sound Transit and WSDOT for advancing common goals for corridor aesthetics and sustainability. Sound Transit would mitigate the conversion of the Resource Conservation Area in the South Federal Way Segment that is just north of the SR 18 interchange along the west side of the I-5 the right-of-way by providing replacement property. Sound Transit would consult with WSDOT staff to develop appropriate site-specific measures and offsite mitigation, as agreed to by WSDOT and FHWA, that would meet the intended function of the original Resource Conservation Areas.

Impact Locations where mitigation measures would be appropriate are shown in Figures 4.5-2 to 4.5-5. TDLE would have potential impacts to sensitive viewers and visual quality would be lowered at these locations. Mitigation measures would be refined in consultation with WSDOT, Tribes, and local jurisdictions during final design.

Impact Location A: Adjacent to residences between S 324th Street and S 336th Street.

Applies to all alternatives in the Federal Way Segment, including the design option.

- Sound Transit would mitigate locations with high visual impacts to sensitive viewers where possible using:
    1. Vegetative screening, or
    2. Architectural treatments to project components such as noise walls and ancillary facilities.

These measures would help soften views of the guideway and add visual interest, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping and architectural treatment would be designed to add human-scale elements.

Impact Location B: Adjacent to residences between S 356th Street and S 375th Street.

Applies to the SF I-5 and SF Enchanted Parkway alternatives in the South Federal Way Segment, including design and station options.

- Sound Transit would mitigate locations with high visual impacts to sensitive viewers where possible using:
    1. Vegetative screening, or
    2. Architectural treatments to project components such as noise walls and ancillary facilities.

These measures would help soften views of the guideway and add visual interest, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping and architectural treatment would be designed to add human-scale elements.

Impact Location C: Adjacent to Montessori Academy at Spring Valley campus area on SR 99.

Applies to the SF 99-West and SF 99-East alternatives in the South Federal Way Segment.

- Sound Transit would mitigate locations with high visual impacts using vegetative screening, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements. For the SF 99-West Alternative, the area for vegetative screening may be limited and would require property owner agreement.

Impact Location D: Adjacent to the area near Gethsemane Cemetery on SR 99.

Applies to the SF 99-West and SF 99-East alternatives in the South Federal Way Segment.

- Sound Transit would mitigate locations with high visual impacts using vegetative screening, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements. The area for vegetative screening may be limited and would require property owner agreement.

Impact Location E: Adjacent to residences in the Spring Valley area of SR 99.

Applies to the SF 99-West and SF 99-East alternatives in the South Federal Way Segment.

- Sound Transit would mitigate locations with high visual impacts using vegetative screening, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements. In this location limited space may only allow limited screening planting, however potential planting of small trees, narrow evergreens and lower height planting landscape treatments could all help to enhance the view and partially reduce the visual impact.

Impact Location F: Adjacent to residences in the area of 69th Avenue E.

Applies to all the alternatives in the South Federal Way Segment.

- Sound Transit would mitigate locations with high visual impacts using vegetative screening, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements. Mitigation would require property owner agreement to provide vegetative screening mitigation on adjacent property.

Impact Location G: South of the preferred Fife Station and elevated guideway, near residences on 15th Street E.

Applies to all alternatives in the Fife Segment.

- Sound Transit would mitigate locations with high visual impacts, using vegetative screening, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements.

Impact Location H: Adjacent to Chateau Rainier residences.

Applies to the Fife I-5 Alternative.

- Sound Transit would mitigate locations with high visual impacts to sensitive viewers where possible using:
    1. Vegetative screening, or
    2. Architectural treatments to project components such as fencing.

These measures would help soften views of the guideway and add visual interest, using vegetative screening, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements. In this location limited space may only allow limited screening planting in parking lot landscape areas.

Impact Location I: E 25th Street between East G Street and East D Street.

Applies to the Preferred Tacoma 25th Street-West Alternative, the Tacoma 25th Street-East Alternative, and the Tacoma Close to Sounder Alternative.

- Viewers in this area would be, primarily, pedestrians directly adjacent to or crossing under the structures. Because the visual impact is largely due to the dominant visual scale and tunnel effect of the structures, Sound Transit would use human-scale elements, such as street furniture, pedestrian scale street lighting fixtures, signage, landscaping, and architectural design, in the vicinity to focus viewer attention and to distract attention from the large scale of the structures.

Impact Location J: E 26th Street, west of East D Street.

Applies to the Tacoma 26th Street Alternative.

- Sound Transit would mitigate locations with high visual impacts using vegetation to soften and screen views of the guideway structure, as practicable, based on available land, safety, and maintenance and operational needs. Landscaping would be designed to add human-scale elements.

4.6 Air Quality and Greenhouse Gas Emissions

4.6.1 Introduction to Resource and Regulatory Requirements

This section discusses the potential long-term as well as short-term air quality impacts of TDLE. The analysis evaluates the impacts of criteria pollutants, mobile source air toxics, and GHGs during project construction and operation.

The Puget Sound Clean Air Agency (PSCAA), United States Environmental Protection Agency (EPA), and Washington State Department of Ecology (Ecology) work together in regulating air quality in the TDLE corridor. Supporting information, including an introduction and list of federal, state, and local laws, regulations, guidance, and policies, and modeling results for air quality are included in Appendix H4, Air Quality Supporting Information.

4.6.2 Affected Environment

Regional impacts to air quality were analyzed by calculating criteria air pollutants that would be emitted directly or indirectly as a result of the proposed project. “Criteria air pollutants” are six common air pollutants that can harm health and the environment, cause property damage, and are subject to certain federal air quality standards.

The study area for this analysis is the same as the study area for the regional transportation analysis, which is the Puget Sound Regional Council four-county region including King, Pierce, Snohomish, and Kitsap counties.

4.6.2.1 Regional Topography and Climate

The project is located in King and Pierce counties, within the Puget Sound Lowlands Region. The climate of Puget Sound is a product of the interaction between large-scale wind and weather patterns and the complex topography of the region. Seasonal changes in the movement of moisture-laden air that collides with the sudden barrier of the Olympic and Cascade mountains bring Puget Sound high levels of precipitation. West of the Cascade Mountains, the low-lying valleys have a maritime climate with typically abundant winter rains, infrequent snow, dry summers, and mild temperatures year-round. The Pacific climate variation depends on the annual and decadal changes in the strength and location of the Aleutian Low pressure pattern, which is influenced by the El Nino-Southern Oscillation and Pacific Decadal Oscillation. An intense Aleutian Low brings relatively warm and dry winters to Puget Sound while a weak Aleutian Low favors a cooler and wetter winter (Puget Sound Institute 2024). Winter temperatures generally range from 28 degrees Fahrenheit to 45 degrees Fahrenheit, and summer temperatures generally range from 50 degrees Fahrenheit to 78 degrees Fahrenheit (Western Regional Climate Center 2024). Air pollution is usually most noticeable in the late fall and winter season, under conditions of clear skies, light wind, and a sharp temperature inversion. These conditions may prevail a few days before a weather system moves through that removes the pollution by wind and rain.

4.6.2.2 Criteria Pollutants

Criteria Pollutants

Six criteria air pollutants have been recognized by EPA as potentially harmful, and National Ambient Air Quality Standards have been established to protect the public health and welfare. These pollutants are carbon monoxide, ozone, lead, nitrogen dioxide, particulate matter, and sulfur dioxide.

Criteria pollutants include carbon monoxide; ozone; lead; nitrogen dioxide; particulate matter, which is broken down for regulatory purposes into particulate matter with aerodynamic diameter equate to or smaller than 10 micrometers (PM_{10}) and 2.5 micrometers ($PM_{2.5}$); and sulfur dioxide. Nitrogen oxides and volatile organic compounds are

considered precursors to ozone. Sulfur dioxide and lead are not pollutants of concern associated with light rail operation, light rail construction, or automobile emissions and therefore are not discussed further in this analysis. Although not criteria pollutants, additional pollutants of concern for transportation projects are mobile source air toxics and GHGs.

4.6.2.3 Mobile Source Air Toxics

Mobile source air toxics (MSATs) are hazardous air pollutants emitted from on-road vehicles that can cause cancer and noncancer health risks. The nine priority mobile source air toxics include acetaldehyde, acrolein, benzene, 1,3-butadiene, diesel particulate matter, formaldehyde, ethylbenzene, naphthalene, and polycyclic organic matter (FHWA 2023). Transportation projects may affect the regional or local air toxic concentrations due to the mobile source air toxics emissions from vehicles. Nationwide mobile source air toxics emissions are expected to be lower than present levels in future years as a result of EPA's national emissions control programs and fuel economy standards. Estimated emissions using the EPA Motor Vehicle Emission Simulator, MOVES4, model indicate that even if VMT increases by 31 percent from 2020 to 2060 as forecast, a combined reduction of 76 percent in the total annual emissions for the priority mobile source air toxics is projected for the same time period. Diesel particulate matter is the dominant component of mobile source air toxics emissions, making up 36 to 56 percent of all priority mobile source air toxics pollutants by mass, depending on calendar year (FHWA 2023).

4.6.2.4 Greenhouse Gases

GHGs include both naturally occurring and human-made gases that trap heat in the Earth's atmosphere. These gases include carbon dioxide, methane, nitrous oxide, fluorinated gases, and water vapor, among others. A growing body of research attributes long-term changes in temperature, precipitation, and other elements of Earth's climate to large increases in GHG emissions since the mid-19th century, particularly from human activity related to fossil fuel combustion. GHG emissions of particular interest include carbon dioxide, methane, nitrous oxide, and fluorinated gases (hydrochlorofluorocarbons, perfluorocarbons, and sulfur hexafluoride).

GHGs differ in how much heat each type of gas traps in the atmosphere and thus affect the global warming potential differently. Carbon dioxide is the primary GHG emitted through human activities, so amounts of other gases are expressed relative to carbon dioxide, using a metric called "carbon dioxide equivalent" (CO_2e). The Global Warming Potential was developed to allow comparisons of the global warming impacts of different gases. Specifically, it is a measure of how much energy the emissions of 1 ton of a gas will absorb over a given period of time, typically a 100-year time horizon, relative to the emissions of 1 ton of carbon dioxide. Gases with a higher Global Warming Potential absorb more energy per ton emitted than gases with lower Global Warming Potential and thus contribute more to warming Earth (EPA 2023a). Generally, estimates of all GHGs are summed to obtain total emissions for a project or given time period, usually expressed in metric tons or million metric tons.

In the United States, the main source of GHG emissions is electricity generation, followed by transportation. Carbon dioxide is the most abundant GHG, both naturally occurring and human-generated, mostly from fossil fuel combustion. In the Puget Sound region, the main source of GHG emissions is from transportation sources.

4.6.2.5 Existing Air Quality

PSCAA and Ecology monitor criteria air pollutant concentrations at several locations in the project area. The monitoring stations closest to the project corridor that monitor the criteria pollutants are located at 1802 S 36th Street in Tacoma and 15th Avenue S and S Charlestown Street (Beacon Hill) in Seattle. Table 4.6-1 shows the criteria air pollutant concentrations monitored at these stations by their appropriate averaging period between 2018 and 2023 (PSCAA 2018, 2019, 2020, and 2022). Data from 2020 (PSCAA 2021) are not listed because air toxics sampling was not conducted between mid-March and July due to the COVID-19 pandemic. As shown, none of the criteria air pollutant concentrations monitored at these stations exceeded a National Ambient Air Quality Standards (NAAQS) during this time period, excluding wildfire smoke-impacted days, and pollutant concentrations are generally trending downward. Diesel particulate emissions have been trending downward compared to 2018, but have remained similar in recent years (2022–2023). According to the PSCAA 2022 Air Quality Data Summary (PSCAA 2023), wildfire smoke-impacted air quality on 26 days in September and October 2022. EPA allows data from such events to be excluded from regulatory calculations. When days impacted by wildfire smoke are excluded, the background air quality is below the NAAQS, and monitors in PSCAA's four-county region fell below the federal standard for $PM_{2.5}$ of 35 micrograms per cubic meter. While none of the pollutants exceeded NAAQS, the southern half of the project lies within a $PM_{2.5}$ maintenance area, which extends south from the King-Pierce county line through Puyallup, Tacoma, and Lakewood (shown in Appendix H4, Air Quality Supporting Materials). Per 23 CFR 450.104 definitions, a maintenance area is a geographic region that the EPA previously designated as a nonattainment area pursuant to the Clean Air Act Amendments of 1990 and subsequently redesignated as an attainment area subject to the requirement to develop a maintenance plan under Clean Air Act Section 175A. The project corridor is also within former carbon monoxide and PM_{10} maintenance areas.

Table 4.6-1 Monitored Criteria Pollutant Concentration

Pollutant	National Ambient Air Quality Standard	Monitored Concentration*				
		2018	2019	2021	2022	2023
1-hour carbon monoxide (ppm)	35 ppm	1.0	1.2	NA	NA	NA
8-hour carbon monoxide (ppm)	9 ppm	0.9	0.8	NA	NA	NA
8-hour ozone (ppm)	0.070 ppm	0.062	0.050	0.052	0.047	0.049
98th percentile 1-hour nitrogen dioxide (ppm)	0.100 ppm	0.046	0.040	0.040	0.037	0.038
Annual nitrogen dioxide (ppm)	0.053 ppm	0.027	0.024	NA	NA	NA
24-hour PM_{10} (µg/m^3)	150 µg/m^3	104	26	25	17	23
98th percentile 24-hour $PM_{2.5}$ (µg/m^3)	35 µg/m^3	29.4	19.5	19.1	19.5	19.5
Annual $PM_{2.5}$ (µg/m^3)	12 µg/m^3	8.0	7.3	7.7	7.7	7.7
1-hour sulfur dioxide (ppm)	0.075 ppm	0.011	0.006	0.005	0.004	0.003

Notes:µg/m^3 = micrograms per cubic meter; NA = not available; $PM_{2.5}$ = particles of 2.5 micrometers and smaller; PM_{10} = particles of 10 micrometers and smaller; ppm = parts per million; $PM_{2.5}$ data has wildfire impacted days removed.

*Sources: PSCAA 2019, 2020, 2022, 2023, and 2024. Data from two monitoring stations (S 36th Street in Tacoma and Beacon Hill in Seattle) were reviewed as not all pollutants are monitored at each station. 24-hour PM_{10} data from EPA 2024.

4.6.2.6 Sensitive Receptors

Sensitive populations, also referred to as sensitive receptors, are more susceptible to the effects of air pollution than the general population. Sensitive populations (sensitive receptors) that are in proximity to localized sources of toxics, particulate matter, and carbon monoxide are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, athletic facilities, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. Table 4.6-1 is representative of the air quality conditions experienced by sensitive receptors located near the proposed project. The majority of the sensitive receptors within or adjacent to the project study area are residential uses and are between S 324th Street in Federal Way and 54th Avenue E in Fife. Several churches and schools are throughout the corridor. In addition to residences, churches, and hotels, the majority of the land uses along the project corridor west of the proposed Fife Station are commercial and industrial.

4.6.3 Environmental Impacts

4.6.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).

Under the No-Build Alternative, regional VMT would increase by about 9 percent over 2016 existing conditions as a result of projected regional growth (Table 4.6-2). However, pollutant emissions for all criteria pollutants would be lower than existing levels because of improvements to future vehicle emissions. No construction-related air quality impacts or GHG emissions from TDLE would occur because the project would not be built.

4.6.3.2 Long-Term Impacts for the Build Alternatives

Impacts Common to All Alternatives

Because all build alternatives would be of similar length and ridership, direct impacts would be similar. If TDLE is constructed in phases, the minimum operable segment (M.O.S.) to the station in South Federal Way and the M.O.S. to the station in Fife would result in long-term reduction in pollutants and GHGs, as described above, because VMT would be reduced as people switch from personal vehicles to light rail. However, since there would be fewer stations with either M.O.S. than with the full build alternatives, there would be less of a reduction in VMT and, consequently, less of a reduction of pollutant and GHG emissions during operation. Because the M.O.S. would be shorter than the full build alternatives, it would also have fewer air quality impacts during construction.

Regional Emissions

For transit improvement projects, regional emissions are a function of regional VMT, which includes passenger vehicles, transit, and small and heavy-duty trucks. For additional information, see Appendix H4, Air Quality Supporting Information, and Chapter 3, Transportation. As such, the operational emissions analysis takes into account long-term changes in VMT expected to occur under the build alternatives when compared with the No-Build Alternative. As shown in Table 4.6-2, with the extension of light rail south to Tacoma, regional VMT is expected to decrease by approximately 228,000 miles on a typical weekday compared to the No-Build Alternative because some regional passenger vehicle trips and transit

bus trips are expected to shift to light rail with TDLE. VMT for heavy-duty trucks would not change. The regional VMT data for the existing, No-Build, and build alternatives, along with the estimated emissions rates from the EPA MOVES4 model, were used to calculate the criteria air pollutants, including volatile organic compounds, carbon monoxide, nitrogen oxides, sulfur oxides, PM_{10}, and $PM_{2.5}$ emissions for the existing year (2016) and transportation forecast year (2042) conditions. Existing conditions in 2016 for VMT, VHT, and VHD are as estimated by the regional travel demand model (PSRC 2016). Between 2016 and 2020, Sound Transit ridership increased, while other agencies experienced little to no change. A sudden and dramatic decline in transit ridership across all modes and agencies occurred in 2020 due to the COVID-19 pandemic. Since 2020, transit ridership on Sound Transit, King County Metro, and Piece Transit services has gradually recovered, but remains lower than pre-pandemic 2019 ridership for all three agencies. For additional information on traffic trends, see Appendix J1, Transportation Technical Report.

The EPA MOVES model is a state-of-the-science emissions modeling system that estimates air pollution emissions for criteria air pollutants, GHGs, and air toxics for both on-road vehicles and non-road equipment sources (EPA 2023b). Vehicle emissions in the region for the build alternatives would decrease when the region's VMT decreases compared to the No-Build Alternative. The results of the modeling are summarized in Table 4.6-3. When compared to the existing conditions, the regional criteria pollutant emissions are substantially lower for both the 2042 No-Build Alternative and 2042 build alternatives, even though VMT is higher because of improvements to fuel economy standards and the expected transition to electric vehicles. These trends for stricter vehicle emissions standards and increased market penetration for electric vehicles would continue to lower tailpipe emissions in the revised transportation forecast year of 2045, assuming a later opening year in 2035. While resuspended road dust would increase directly proportional to VMT, this increase in PM_{10} emissions would be outweighed by the decrease in tailpipe PM_{10} emissions. The detailed results of the modeling are shown in Appendix H4.3, Air Quality Modeling Results.

Table 4.6-2 Weekday Daily Vehicle Miles of Travel, Vehicle Hours of Travel, and Vehicle Hours of Delay

Alternative	VMT	VHT	VHD
Existing[1]	88,718,000	3,075,000	818,000
2042 No-Build Alternative	97,078,000	3,416,000	924,000
2042 Build Alternatives	96,850,000	3,401,000	914,000
Change Between 2042 No-Build and Build Alternatives	*-228,000*	*-15,000*	*-10,000*

Source: PSRC Travel Demand Model 2016, modified by Fehr & Peers April 2020.

Notes: VHD = vehicle hours of delay; VHT = vehicle hours of travel; VMT = vehicle miles traveled.

(1) Existing conditions in 2016 for VMT, VHT, and VHD are as estimated by the regional travel demand model. The Sound Transit incremental ridership model was calibrated from 2016 regional transit ridership data, and estimates of regional travel demand are shown in the same 2016 base year for consistency in regional and screenline estimates.

Table 4.6-3 Regional Criteria Pollutant Emissions

Pollutant	Daily Emissions (pounds per day)				
	Existing[1]	2042 No-Build	2042 Build	Change Between 2042 No-Build and Build Alternatives	Percent Change Between 2042 No-Build and Build Alternatives
Volatile organic compound	23,291.87	12,041.49	12,007.07	-34.42	-0.29%
Nitrogen oxide	52,984.36	2,272.59	2,255.41	-17.18	-0.76%
Carbon monoxide	633,056.35	194,690.41	194,057.53	-632.88	-0.33%
Sulfur dioxide	333.52	279.49	278.66	-0.83	-0.30%
PM_{10}	8,986.68	8,901.36	8,873.48	-27.88	-0.31%
$PM_{2.5}$	2,886.49	2,400.04	2,392.56	-7.48	-0.31%

Notes: $PM_{2.5}$ = particles of 2.5 micrometers and smaller; PM_{10} = particles of 10 micrometers and smaller; SO_2 = sulfur dioxide; VOC = volatile organic compound.

(1) Calculated as 2020 Emission Factors with 2019 Existing VMT.

Transportation Conformity

Transportation Conformity is a process required by the Clean Air Act Section 176(c), which prohibits the federal agencies from funding, authorizing, or approving transportation plans, programs, or projects that do not conform to the State Implementation Plan for attaining the NAAQS.

Regional Conformity. TDLE is included in the 2022–2050 Regional Transportation Plan (project number 5685). TDLE is also included in the 2023–2026 Regional Transportation Improvement Program, approved July 13, 2023. The project is currently listed in the Transportation Improvement Program under project number RTA-98. Inclusion of the project in both the 2022–2050 Regional Transportation Plan and 2023–2026 Regional Transportation Improvement Program demonstrates that the build alternatives are consistent with the regional Transportation Improvement Program and in conformance with the State Implementation Plan.

Project Level Conformity. The proposed project is within a maintenance area for the federal $PM_{2.5}$ standards. Therefore, per 40 CFR Part 93, analyses for $PM_{2.5}$ are required for conformity purposes. However, the EPA does not require hot-spot analyses (an estimation of likely future localized carbon monoxide, PM_{10}, and/or $PM_{2.5}$ pollutant concentrations and a comparison of those concentrations to the NAAQS), qualitative or quantitative, for projects that are not listed in Section 93.123(b)(1) as an air quality concern. Projects of air quality concern typically involve a substantial number or increase in diesel vehicles and may affect intersections operating at level of service D, E, or F. TDLE does not qualify as a Project of Air Quality Concern as documented in Appendix H4, Air Quality Supporting Information, because the project would improve traffic by reducing regional VMT and encouraging modal shift to light rail. Furthermore, as shown in Table 4.6-1, the measured $PM_{2.5}$ concentrations are below the NAAQS for both the 98th percentile 24-hour $PM_{2.5}$ standard and the annual $PM_{2.5}$ standard in years 2018, 2019, 2021, 2022, and 2023. Therefore, the proposed project would meet the Clean Air Act requirements and 40 CFR 93.116 without any explicit hot-spot analysis. Therefore, the project would not likely worsen existing conditions or create any new violations of the air quality standard for $PM_{2.5}$.

The Puget Sound region has reached the end of the 20-year maintenance period for carbon monoxide and PM_{10} as of 2016 and 2021, respectively; therefore, transportation conformity is no longer required for carbon monoxide and PM_{10} in the region.

FHWA released updated guidance in January 2023 for determining when and how to address mobile source air toxics impacts in the NEPA process for transportation projects as documented in Appendix H4, Air Quality Supporting Information. Based on the *Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA* [National Environmental Policy Act] *Documents* (FHWA 2023), this project is considered to have low potential mobile source air toxics effects because it would serve to improve transit operations without adding substantial new capacity and without creating a facility that is likely to meaningfully increase MSAT emissions. Therefore, a quantitative analysis of mobile source air toxics emissions is not required. However, as part of the regional emissions analysis, the project's effects on MSAT emissions were calculated. As shown in Appendix H4, the 2042 MSAT emissions associated with both the No-Build and the build alternatives are substantially lower than the emissions generated under the existing conditions. When compared with the 2042 No-Build Alternative, the build alternatives would result in a small decrease in MSAT emissions.

Climate Change

The construction, maintenance, and operational GHG emissions were calculated using FTA's Transit Greenhouse Gas Emissions Estimator v3.0 (Estimator) (April 2022). The Estimator is a Microsoft Excel based spreadsheet tool that allows users to quantify lifecycle GHG emissions and associated energy use during the construction, operation, and maintenance phases of a project across select transit modes. Users input general project information, and the Estimator calculates annual GHG emissions by project phase. The Estimator includes embodied emissions from the production and transport of fuel and materials. Information entered into the model consists of length of track and stations by profile type (at-grade, tunnel, or elevated) and station profile type and size.

Each phase of construction and operation was considered separately and in detail (tables provided in Appendix H4 Air Quality Supporting Information), including both upstream and downstream sources of emissions. In total, construction of the project would generate 245 $MTCO_2e$ per year. This total is after the construction emissions were amortized over a 50-year period, which corresponds to the minimum useful lifespan of facilities.[1] In the construction phase of a transit project, upstream emissions are the emissions associated with the extraction, transport, and production of the materials used in the construction of the facilities (e.g., asphalt, concrete, base stone, and steel). Downstream construction emissions are tailpipe emissions resulting from the operation of construction vehicles and equipment.

Sound Transit is committed to following best practices to lower the embodied carbon impact of the project. The technology and regional market opportunities of lower-carbon materials and construction practices continues to advance. Lower-carbon concrete options for guideway construction, steel, rebar, and other materials will be considered and included, where practicable. Sound Transit will also implement BMPs, such as using energy-efficient construction equipment and limiting the equipment and vehicle idling time during construction, which would reduce GHG emissions from construction activities.

[1] FTA Report No. 0263. Greenhouse Gas Emissions from Transit Projects: Programmatic Assessment. April 2024. https://www.transit.dot.gov/about/research-innovation

Operation and maintenance of the vehicles and facilities would generate 2,653 $MTCO_2e$ per year. For TDLE, these emissions are associated with the natural gas required to heat the stations and equipment required for maintenance of track-miles and transit vehicles. Sound Transit and Puget Sound Energy (PSE), which provides power in the city of Federal Way, have entered into an agreement that all electricity accounts related to the operations of Link light rail be sourced solely from renewable wind power via PSE's Green Direct program. Therefore, there would be no upstream emissions associated with the project's electricity use in Federal Way. In the remainder of the TDLE corridor, little to no upstream vehicle emissions associated with the project's electricity use are anticipated because the sources in the project area have very low or zero GHG emissions. As demonstrated through the 2019 Sustainability Plan and, most recently, the 2024 Environmental and Sustainability Targets, Sound Transit is committed to reducing GHG emissions, expanding the use of renewable energy, and making all electricity used for operations carbon free by 2030, and all energy used for operations carbon free by 2050.

With the extension of light rail south to Tacoma, regional VMT is expected to decrease by approximately 73,552,500 miles annually compared to the No-Build Alternative because some regional vehicle trips are expected to shift to light rail with the TDLE. The shift from passenger vehicles to light rail is projected to reduce the regional GHG emissions by approximately 30,009 $MTCO_2e$ per year following the start of revenue service. These emission reductions from displaced vehicles would outweigh the cumulative emissions generated during construction, operation, and maintenance of the project. TDLE would support the four primary strategies listed in Appendix H4, Air Quality Supporting Materials (Section H4.1.4), for reducing GHG emissions from transportation sources.

Table 4.6-4 summarizes the project's annual GHG emissions.

Table 4.6-4 Annual Greenhouse Gas Emissions from Project Construction and Operation

Emission Source	Annual GHG Emissions ($MTCO_2e$ per year)
Construction	
Construction – Upstream Materials and Transport	2,644
Construction – Downstream	194
Operation	
Transitway Maintenance – Upstream	0
Transitway Maintenance – Downstream	44
Facility Operations – Upstream Materials and Transport	0
Facility Operations – Downstream	633
Vehicle Operations – Upstream Materials and Transport	1,965
Vehicle Operations – Downstream	0
Transitway and Vehicle Maintenance – Upstream	0
Transitway and Vehicle Maintenance – Downstream	11
Displaced Emissions – VMT	-30,009
Total Annual GHG Emissions	**-24,519**

Source: FTA Transit Greenhouse Gas Emissions Estimator, 2023.
Notes:
Upstream construction emissions are associated with the extraction, transport, and production of materials used in the construction of the facilities (e.g., asphalt, concrete, and steel).
Downstream construction emissions are tailpipe emissions resulting from the operation of construction vehicles and equipment.

Social Cost of GHGs

The analysis of the social cost of GHGs estimates the monetary value of the net harm to society associated with emission of carbon dioxide, methane, nitrous oxide, or other GHGs that contribute to climate change (Interagency Working Group 2021). Following guidance on analyzing GHGs under NEPA (CEQ 2023), the social cost is estimated based on the total $MTCO_2e$ emissions from the construction and operation of the build alternatives (−27,113 $MTCO_2e$) multiplied by the average cost per $MTCO_2e$ determined by EPA. The estimated 2040 average cost is quantified at $270 per $MTCO_2e$ (using the projected 2.0 percent near-term rate) (EPA 2023c). The 2040 average cost (in 2020 dollars) is used because it is the closest year to the TDLE design year of 2042. This results in an approximately $7.3 million beneficial social cost of GHGs with TDLE.

Potential Benefits

A key purpose of this project is to combat climate change by reducing GHG emissions. This would be accomplished by reducing VMT. TDLE would reduce the region's GHG emissions by approximately 24,519 $MTCO_2e$ per year. This is roughly equivalent to the emissions of 6,000 gas-powered passenger vehicles for 1 year (EPA 2023d).

4.6.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Alternatives

Because all build alternatives would be of similar length and design and include similar construction techniques, construction impacts would be similar.

During construction, short-term degradation of air quality may occur due to the release of particulate emissions generated by excavation, grading, hauling, and other activities. Exhaust emissions from fuel combustion in motor vehicles and construction equipment are also anticipated and would include carbon monoxide, nitrogen oxides, sulfur dioxide, volatile organic compounds, and directly emitted particulate matter ($PM_{2.5}$ and PM_{10}). Construction vehicle activity and disruption of normal traffic flow may result in increased motor vehicle emissions within certain areas. Potential air quality impacts would be short-term, occurring only while construction work is in progress. A qualitative description of the construction activity is provided below. Quantitative construction emission estimates are not available because those calculations would require greater detail in the construction schedule, phasing, haul trips, and equipment use that has not yet been defined at this stage of the project.

Site preparation and project construction would involve clearing, cut-and-fill activities, grading, and building activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase because most engine emissions are associated with the excavation, handling, and transport of soil on the site. Sources of fugitive dust would include disturbed soil at the construction sites and trucks carrying loads of soil. Unless properly controlled, vehicles leaving the site would deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions would depend on soil moisture, silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction sites.

Water or other soil stabilizers can be used to control dust, resulting in emission reductions of 50 percent or more. With the implementation of standard construction measures, such as frequent watering (e.g., two times per day at a minimum), fugitive dust emissions from construction activities would not result in adverse air quality impacts.

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate carbon monoxide, sulfur dioxide, nitrogen oxides, volatile organic compounds, and some soot particulate ($PM_{2.5}$ and PM_{10}) in exhaust emissions. If construction activities were to increase traffic congestion in the area, carbon monoxide and other emissions from traffic would increase slightly while those vehicles are delayed. These emissions would be temporary and limited to the immediate area surrounding the construction sites.

Construction-related impacts could affect air quality within localized areas of construction activity (including traffic congestion). Implementation of the controls required for the various aspects of construction activities and consistent use of BMPs, as described in the following section, Avoidance and Minimization of Impacts, would avoid and/or reduce on-site emissions. Construction of the proposed project would not be expected to substantially affect air quality. In addition, Sound Transit has a robust community outreach program to keep the public informed of the project and address any community concerns and questions throughout construction.

If construction of TDLE parking facilities at the stations in South Federal Way and Fife is deferred up to 3 years after initial service opens, the same construction-related effects on air quality and implementation of controls and best management practices would also apply at these two station locations at the time the parking facilities are constructed.

Avoidance and Minimization of Impacts

Sound Transit would implement construction BMPs to minimize the impact on existing residential and recreational uses from construction-related emissions and fugitive dust, including the development of a fugitive dust control plan that would be prepared during final design. Such plans typically include the following:

- Identification of all fugitive dust sources.
- A source-specific description of the proposed dust control method(s).
- A prescribed method to identify how often, how much, or when the control method is to be used.
- Provisions for monitoring and recordkeeping.
- A backup plan in case the first control plan is not successful.
- The contact information for the person responsible for making sure the plan is implemented and who can be contacted for dust complaints (Ecology 2016).

In addition to complying with Washington Administrative Code (WAC) 173-400-040 (general standards for maximum emissions), BMPs to reduce construction impacts would be incorporated into construction plans and specifications and could include the following:

- Complying with applicable dust control policies and plans.
- Spraying dry soil with water to reduce dust.
- Using temporary ground covers.
- Minimizing idling of equipment when not in use.

- Planning construction areas to minimize soil exposure for extended periods.
- Covering dirt and gravel piles.
- Establishing wheel wash stations at exits from spoils handling and truck-loading sites.
- Sweeping paved roadways to reduce mud and dust.
- Replanting exposed areas as soon as practical after construction.
- Potentially using renewable diesel, which can reduce emissions by approximately one-third compared to fossil diesel (Ecology 2023a and 2023b).

4.6.3.4 Indirect Impacts

Indirect impacts are potential effects related to the project but not part of it that may occur separated by distance or time but are still reasonably foreseeable. The air quality analysis was performed using projected traffic volumes for future years. In addition to a reduction in automobile VMT related emissions, there would be beneficial indirect impacts from changes in land use. TDLE would indirectly encourage more efficient and denser land use patterns around station areas. This would support non-automobile trips that could further reduce GHG emissions (FTA 2023). These land use benefits may occur over a long period of time.

4.6.4 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above would be anticipated.

4.7 Noise and Vibration

4.7.1 Introduction to Resource and Regulatory Requirements

This section contains the noise and vibration impact assessment for TDLE, which follows FTA and Sound Transit policies and practices in evaluating impacts and potential mitigation measures. Sound Transit evaluates light rail noise and vibration impacts for transit projects according to the FTA Transit Noise and Vibration Impact Assessment Manual (FTA 2018), Sound Transit policies and guidance, and local ordinances, where applicable. For more information regarding the noise and vibration assessment, refer to Appendix J3, Noise and Vibration Technical Report.

4.7.1.1 Background Information on Noise and Vibration Analysis

Noise

Noise is considered to be unwanted sound. The three parameters that define noise include:

- **Level:** The level of sound is the magnitude of air pressure change above and below atmospheric pressure and is expressed in decibels (dB). Typical sounds fall within a range between 0 dB (the approximate lower limit of human hearing) and 120 dB (the highest sound level generally experienced in the environment).
- **Frequency:** The frequency (pitch or tone) of sound is the rate of air pressure change and is expressed in cycles per second, or hertz (Hz). Human ears can detect a wide range of frequencies from around 20 to 20,000 Hz. The A-weighting system, which reduces the sound levels of higher- and lower-frequency sounds, is used to provide a measure (A-weighted decibels, or dBA) that correlates with human response to noise.
- **Time Pattern:** Because environmental noise is constantly changing, it is common to condense all this information into a single number, called the “equivalent” sound level (Leq). The Leq represents the changing sound level over a period of time, typically 1 hour or 24 hours in transit noise assessments. For assessing the noise impact of rail projects at residences, hotels, and other land uses with sleeping quarters, the day-night sound level (Ldn) is used. The Ldn is a 24-hour cumulative noise exposure metric that accounts for increased noise sensitivity at night. Typical Ldn noise levels and what types of land uses are compatible land uses are shown on Table 4.7-1.

Table 4.7-1 Typical Day-Night (Ldn) Noise Exposure Levels

Day-Night equivalent sound level in A-weighted Decibels	Description of Typical Background Noise
Ldn of 50 to 55 dBA	Noise level in a typical quiet suburban residential neighborhood that is not close to major roadways.
Ldn of 55 to 60 dBA	Noise level in a typical suburban residential area with minor arterials and some urban residential areas.
Ldn of 60 to 65 dBA	Noise level in a residential area near a major road.
Ldn of 65 to 70 dBA	Noise levels in this range are typical of a noisy residential area close to major freeways.
Ldn of 70 to 75 dBA	Noise levels in this range are typical for areas directly adjacent to a major freeway and are not normally acceptable for residential use without noise mitigation measures.
Ldn greater than 75 dBA	Noise levels above75 dBA Ldn are typical near the end of airport runways and adjacent to major highways and are not acceptable for residential use.

Source: Adapted from FTA 2018.

The noise assessment uses FTA operational noise impact criteria, which are based on both the existing level of noise and the change in noise exposure due to a project, FTA construction impact criteria, and WAC criteria for park-and-ride facilities. The noise criteria depend on the land use category of the sensitive receptor, which is a land use that is considered sensitive to noise impacts, such as schools, residences, libraries, hospitals, and other care facilities. The FTA operational noise impact criteria are shown in Figure 4.7-1 and the land use category descriptions are shown in Table 4.7-2.

The FTA noise criteria are based on the land use category of the sensitive receptor. The descriptors and criteria for assessing noise impacts vary according to land use categories adjacent to TDLE. For Category 2, land uses where people live and sleep (e.g., residential neighborhoods, hospitals, and hotels), the Ldn is the assessment parameter. For other land use types (Category 1 or 3) where there are noise-sensitive uses (e.g., outdoor concert areas, schools, and libraries), the Leq for the loudest hour of train activity during hours of noise sensitivity is the assessment parameter.

The FTA does not specify standardized criteria for construction noise impact but provides noise impact guidelines for sensitive land uses that describe levels that may result in an adverse community reaction.

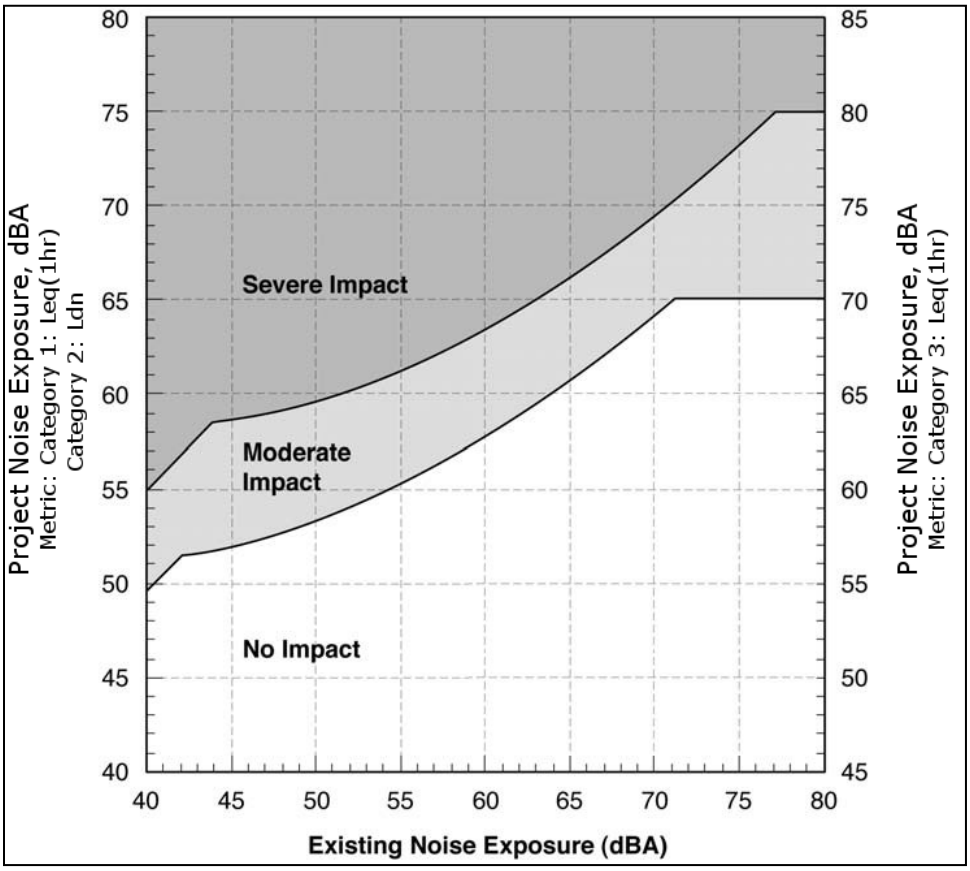

Source: FTA 2018.

Figure 4.7-1 FTA Noise Impact Criteria

Table 4.7-2 Land Use Categories and Metrics for Transit Noise Impact Criteria

Land Use Category	Land Use Type	Noise Metric (dBA)	Description of Land Use Category
1	High Sensitivity	Outdoor Leq(h)[1]	Land where quiet is an essential element of its intended purpose. Example land uses include land preserved for serenity and quiet, outdoor amphitheaters and concert pavilions, and National Historic Landmarks with considerable outdoor use. Recording studios and concert halls are also included in this category.
2	Residential	Outdoor Ldn	This category is applicable to all residential land uses and buildings where people normally sleep, such as hotels and hospitals.
3	Institutional	Outdoor Leq(h)[1]	This category is applicable to institutional land uses with primarily daytime and evening use. Example land uses include schools, libraries, theaters, and churches, where it is important to avoid interference with such activities as speech, meditation, and concentration on reading material. Places for meditation or study associated with cemeteries, monuments, museums, campgrounds, and recreational facilities are also included in this category.

Note:
(1) Leq (h) for the loudest hour of project-related activity during hours of noise sensitivity.

Traffic Noise Criteria

Sound Transit also analyzed the potential increased traffic noise for noise-sensitive land uses. Traffic noise impacts could result from the development of new or extended roadways in station areas, or from the removal of buildings, walls, or berms that shield traffic noise. FTA criteria and methods were used for non-federal-aid highways (e.g., new or modified local roadways) and FHWA methods and criteria for federal-aid highways (e.g., I-5). WSDOT's traffic noise impact threshold for residential land use is an hourly Leq of 66 dBA. See Attachment G of Appendix J3, Noise and Vibration Technical Report for additional details regarding the traffic noise criteria.

Vibration

For the purposes of the vibration analysis of light rail, the potential ground-borne vibration from trains refers to the fluctuating or oscillatory motion experienced by persons on the ground and in buildings near the tracks. The response of humans, buildings, and equipment to vibration is most accurately described using velocity or acceleration.

Typical vibration levels from light rail operations can range from below 50 vibration decibels (VdB) to 100 VdB. The human threshold of perception is approximately 65 VdB. People do not generally find vibration from light rail operations disruptive until the vibration levels exceed 70 to 75 VdB. Vibration levels between 70 and 80 VdB typically occur near light rail crossovers within 50 feet of the source, this is comparable to a bus going over a pothole. Vibration levels can exceed 80 VdB when bulldozers or other heavy vehicles or freight trains pass within 50 feet (adapted from FTA 2018).

The land use categories for vibration are similar to those for noise. The assessment of vibration is based on the land use, number of operations, and frequency content of the vibration. More information regarding vibration can be found in Appendix J3, Noise and Vibration Technical Report.

Washington State and Local Noise Ordinances

The Washington State Noise Control Ordinance (WAC 173-60), together with local noise regulations apply to general construction activities and park-and-rides. The Washington State Noise Control Ordinance does not contain a section specific to highway or light rail noise. State law exempts mobile noise sources, including freight rail, aircraft in flight, and vehicles traveling in public right-of-way, as well as safety warning devices (e.g., bells). For stationary land use with noises originating from outside public roadways and rights-of-way, the Washington State Noise Control Ordinance defines three classes of property usage and the maximum noise levels allowable for each.

Contractors would be required to meet the criteria of the noise ordinance for the city within which they are working. Construction outside normal weekday hours (e.g., 7 a.m. to 10 p.m. for locations governed by the WAC) may require a noise variance from the city or county where the work is being performed. Because TDLE travels across ancestral and reservation lands of the Puyallup Tribe of Indians, as well as the cities of Federal Way, Fife, Milton, and Tacoma and unincorporated Pierce County, several additional local noise ordinances are applicable to construction activities, park-and-rides, and other ancillary project-related facilities. Most of the jurisdictions in the corridor have adopted noise control ordinances similar to WAC 173-60. However, local ordinances can include different provisions from the state law. Federal Way adopts WAC by reference for maximum environmental noise levels. Milton, Fife, Tacoma, and Pierce County do not adopt the WAC by reference but have adopted similar noise ordinances; the only difference is the definitions of daytime and nighttime. Refer to Section 4.6 of Appendix J3, Noise and Vibration Technical Report, for additional details on local noise ordinances.

4.7.2 Affected Environment

This section summarizes the noise- and vibration-sensitive land uses adjacent to TDLE and the existing noise and vibration conditions in the study area. The study area is based on the maximum distance from the alternatives, where the potential for noise or vibration impacts exists based on a review of the proposed operational schedule, land use, and existing noise levels. The noise and vibration assessments used the FTA guidance manual screening distance of 350 feet from the project centerline for light rail transit projects. Sensitive receptors (as defined in Section 4.7.1.1) located near the proposed alternatives include single-family and multi-family residences, hotels, and places of worship. The survey of sensitive receptors also considers Puyallup Tribal Integrative Medicine (including the Salish Cancer Center), which has specialized equipment that is sensitive to vibration.

4.7.2.1 Noise- and Vibration-Sensitive Land Use

Additional details about noise- and vibration-sensitive land uses are included in Appendix J3, Noise and Vibration Technical Report.

The Federal Way and Tacoma segments have Category 2 sensitive land uses, which include single- and multi-family homes and hotels. There are no institutional or highly sensitive noise- or vibration-sensitive land uses adjacent to the alternatives in the Federal Way Segment and one medical building in the Tacoma Segment.

In the South Federal Way and Fife segments, there are Category 2 and 3 land uses that are a mixture of institutional and residential properties, including churches, cemeteries, and a medical building.

4.7.2.2 Existing Noise Conditions

Existing noise sources in the project area include traffic on I-5, local roadway traffic, aircraft overflights, heavy rail (passenger and freight), and local community activities. The existing ambient sound levels vary by location, depending on the proximity to I-5 and other major roadways, and are generally typical of a suburban environment near a busy interstate highway. Existing ambient noise levels were characterized through direct measurements at selected sites near the TDLE build alternatives during November 2019, March 2020, and June 2023. The results of the existing noise measurements are shown in Table 4.7-3 and the locations of the measurements are shown in Figures 4.7-2 through 4.7-5.

Table 4.7-3 Summary of Existing Ambient Noise Measurement Results

Site No.	Measurement Location Description	Start Date	Start Time	Meas. Duration (hours)	Noise Exposure (dBA) Ldn	Noise Exposure (dBA) 1 Hour Leq
LT-D	11 The Dunes Court, Federal Way	11/19/2019	12:00	24	65	59
LT-E	326 Oakland Hills Boulevard, Federal Way	11/19/2019	12:00	24	70	65
LT-I	35810 16th Avenue S, Federal Way	3/16/2020	11:00	24	73	69
LT-J	Abandoned Weigh Station, I-5 (MM 141), Federal Way	3/17/2020	19:00	24	81	77
LT-S	Brooklake Church, Federal Way	6/12/2023	16:00	24	59	54
LT-T	7808 Pacific Highway E, Milton	6/12/2023	15:00	24	68	65
LT-K	1413 69th Avenue E, Fife	3/17/2020	16:00	24	73	69
LT-L	Restaurant Depot, 6130 12th Street E, Fife	3/16/2020	11:00	24	64	56
LT-M	Chateau Rainier Apartments North, 4600 16th Street E, Fife	3/16/2020	12:00	24	65	61
LT-N	Chateau Rainier Apartments South, 4600 16th Street E, Fife	3/16/2020	12:00	24	77	67
LT-O	3812 Pacific Highway E, Fife	3/16/2020	13:00	24	69	65
LT-P	Poulsbo RV, 2950 Pacific Highway E, Fife	3/17/2020	15:00	24	76	72
ST-A	3700 Pacific Highway E, Fife	3/17/2020	17:12	1	–	64
LT-Q	1121 26th Street E, Tacoma	3/17/2020	15:00	24	64	61
LT-R	2611 East E Street, Tacoma	3/17/2020	15:00	24	67	63

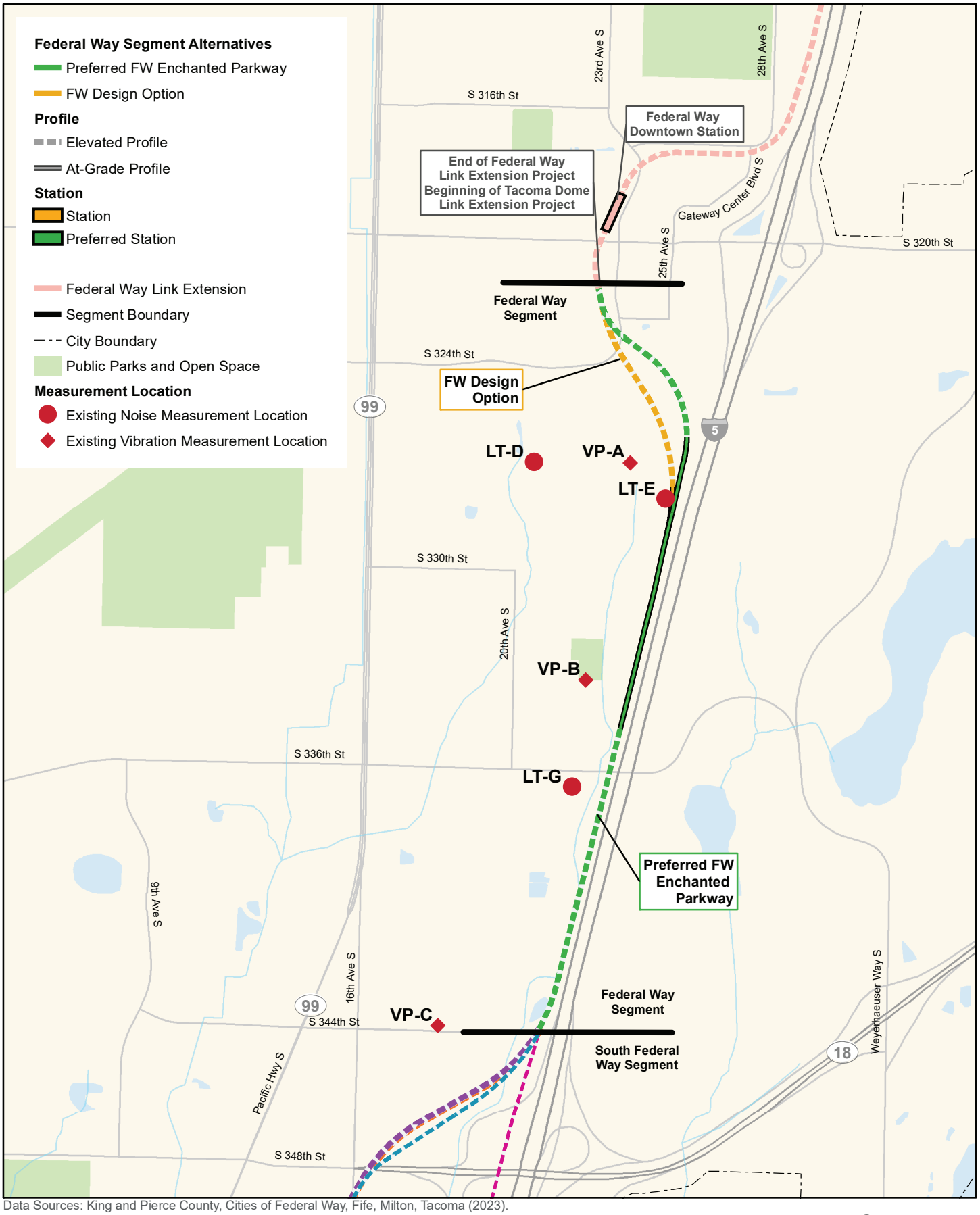

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-2

Existing Noise and Vibration Measurement Locations
Federal Way Segment

Tacoma Dome Link Extension

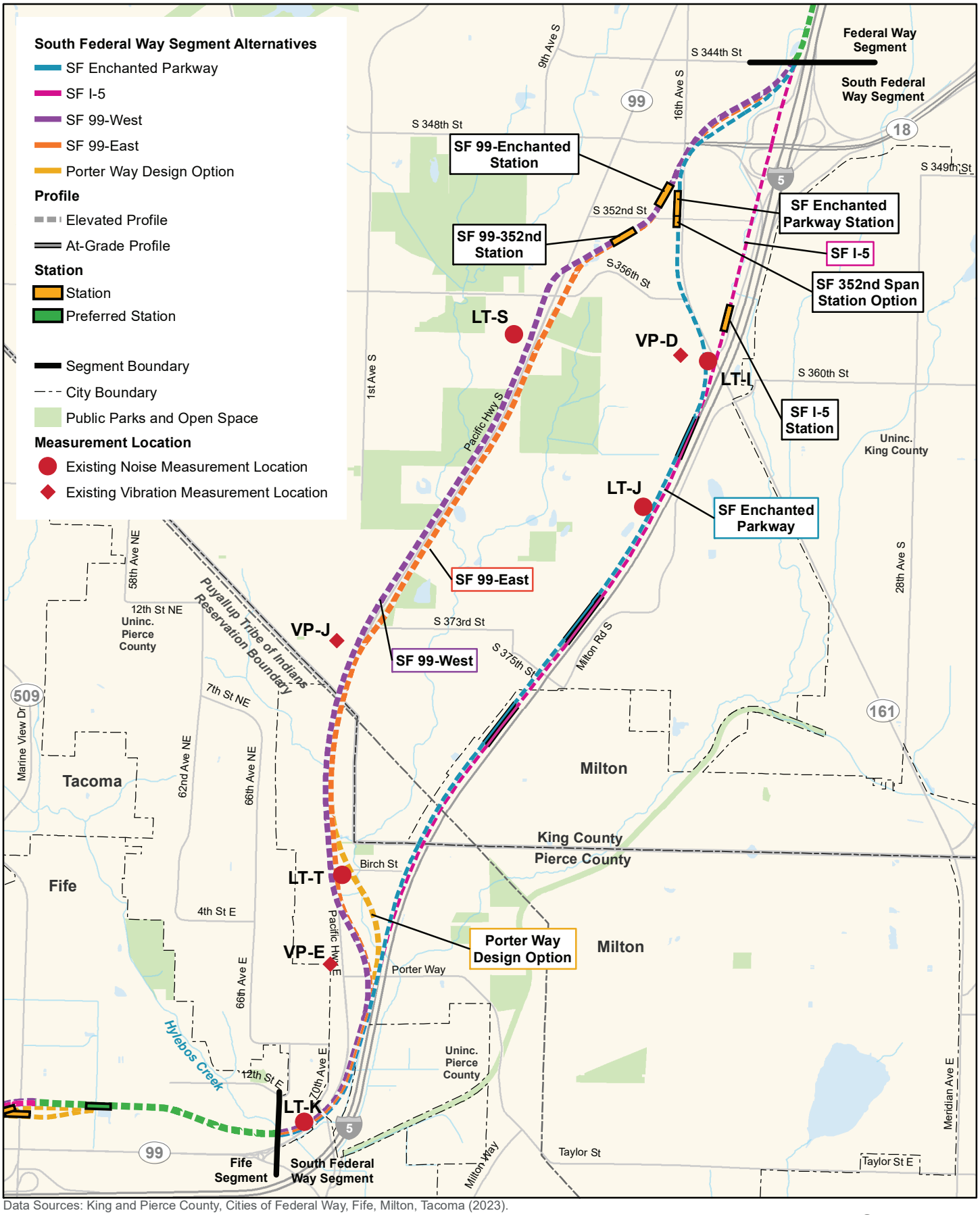

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.7-3
Existing Noise and Vibration Measurement Locations
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

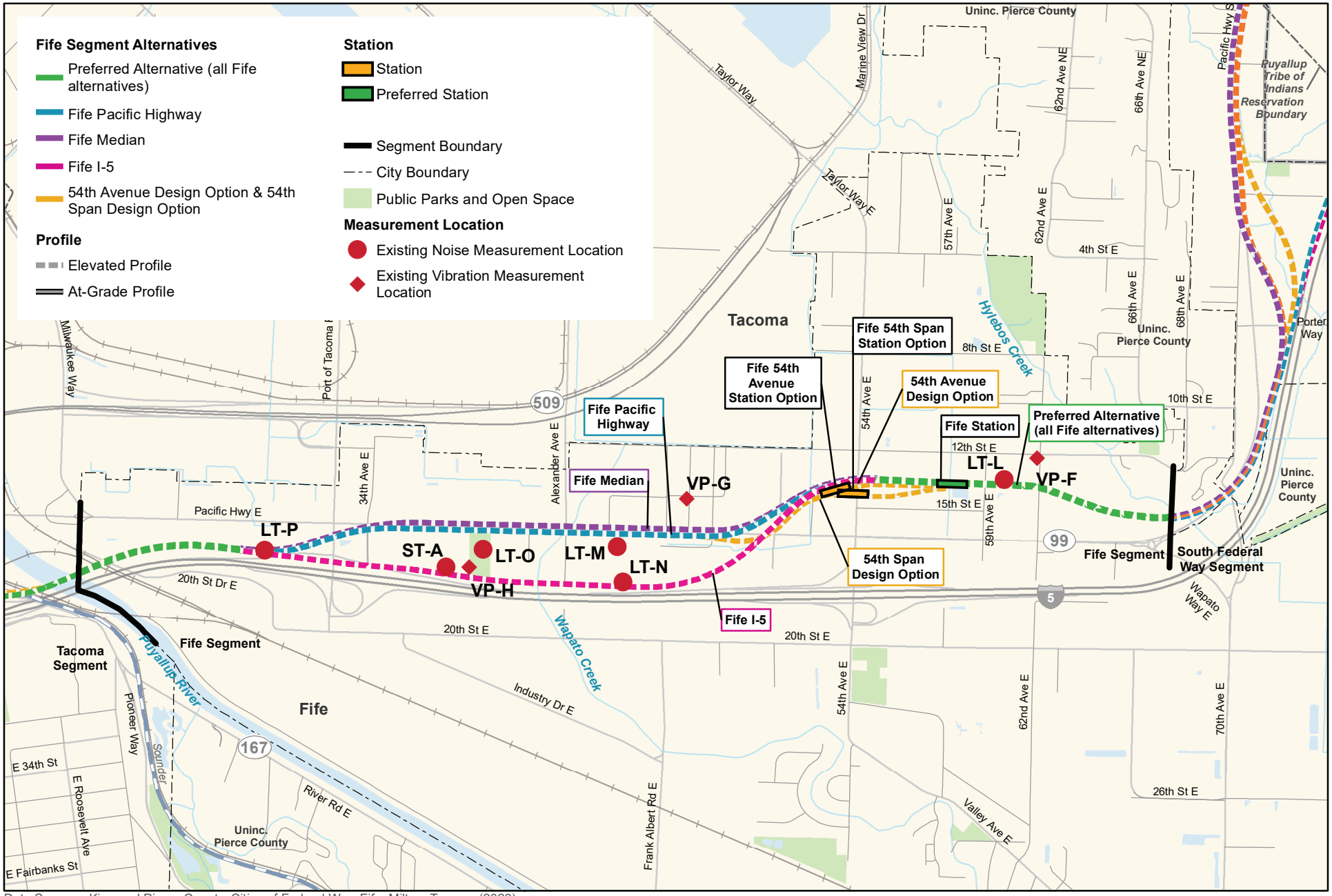

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-4

Existing Noise and Vibration Measurement Locations
Fife Segment

Tacoma Dome Link Extension

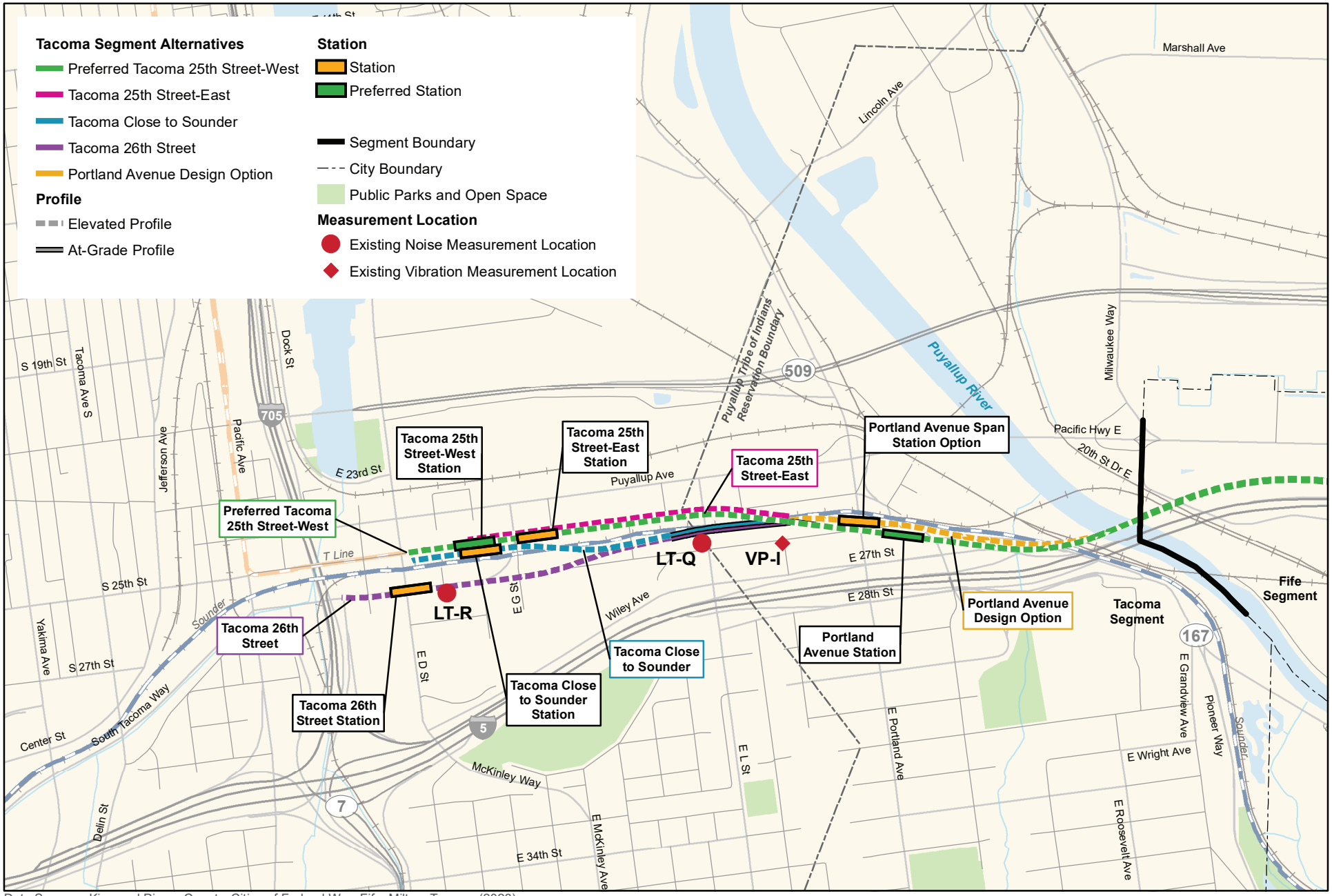

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-5

Existing Noise and Vibration Measurement Locations
Tacoma Segment

Tacoma Dome Link Extension

4.7.2.3 Existing Vibration Conditions

Vibration-sensitive land use for the project build alternatives is generally similar to the noise-sensitive land use described above, focusing on where people live and sleep, places of worship, and schools or where highly sensitive technical equipment is operated. Existing vibration sources along the project alignments include auto, bus, and truck traffic on local streets, as well as some locations (primarily Tacoma) with heavy rail, commuter rail and T Line operations. Vibration from street traffic is not generally perceptible at receivers in the study area unless streets have substantial bumps, potholes, or other uneven surfaces. Still, the FTA vibration impact criteria feature impact thresholds rather than comparing the change to existing conditions, as the noise criteria does. The vibration analysis considers soil conditions along the TDLE build alternatives and assesses how soil affects the way vibration from light rail is transmitted, or “propagated” to nearby buildings. Ten vibration propagation test sites were selected for the November 2019, March 2020, and June 2023 measurements. The locations of the sites are shown on Figures 4.7-2 through 4.7-5, with more detail in Section 5.3 of Appendix J3, Noise and Vibration Technical Report.

4.7.3 Environmental Impacts

Noise and vibration from light rail operations were modeled using the methods described in the FTA guidance manual (FTA 2018). Noise-generating activities include light rail operations on the TDLE guideway, crossovers, wheel squeal on tight radius curves, warning bells at stations, parking facilities, and traction power substations (TPSS). The only activity that would generate material vibration would be light rail operations on the TDLE guideway. Additionally, there would be noise and vibration generated by construction activities for the guideway, stations, and parking facilities, including demolition and clearing and activities related to constructing the project.

4.7.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).

The No-Build Alternative would not result in any noise or vibration impacts. There would likely be increases in highway and local roadway noise due to increased traffic volumes. The OMF South project would increase noise levels at a few receivers near the S 336th Street. There would also be a few noise impacts in Belmor due to the OMF South mainline track. Those impacts, which are a subset of the noise impacts identified for TDLE build alternatives, occur along the guideway south of the Federal Way Downtown Station that would connect to the planned OMF South site.

4.7.3.2 Long-Term Impacts for the Build Alternatives

The noise and vibration impacts for the TDLE build alternatives are summarized in Table 4.7-4 and shown in Figures 4.7-6 through 4.7-24. Appendix J3, Noise and Vibration Technical Report, includes detailed figures for each of the alternative showing the locations of noise and vibration impacts.

There would be no impacts associated with stations or TPSS. Additionally, there are no FTA traffic noise impacts and no FTA or WAC impacts related to the parking facilities. The volumes of traffic are low enough that the noise levels are 15 to 20 dB below the impact thresholds.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of noise and vibration impacts, but in a smaller geographic area. For example, the M.O.S. to the station in South Federal Way

would avoid or delay all of the potential noise or vibration impacts identified in Table 4.7-4 for the Fife and Tacoma Segments as well as the impacts identified south of the proposed station location. Similarly, the M.O.S. to the station in Fife would avoid or delay all of the potential noise or vibration impacts for Tacoma and many of the potential impacts in the Fife Segment. At each of the M.O.S. stations, functions associated with being the terminus station, such as differences in parking and feeder bus operations, could have a minor increase in noise impacts near those stations until the rest of TDLE was constructed.

Table 4.7-4 Summary of Potential Noise and Vibration Impacts for the TDLE Alternatives

Alternative	Number of Moderate Noise Impacts[1]	Number of Severe Noise Impacts[1]	Number of Vibration Impacts[1]
Federal Way Segment			
Preferred FW Enchanted Parkway[2]	25	0	0
FW Enchanted Parkway with Design Option	40	2	0
South Federal Way Segment			
SF Enchanted Parkway	74	76	0
SF I-5	9	0	0
SF 99-West	22	5	0
SF 99-West with Porter Way Design Option	20	4	0
SF 99-East	23	3	0
SF 99-East with Porter Way Design Option	20	3	0
Fife Segment			
Fife Pacific Highway	178	3	2
Fife Pacific Highway with 54th Avenue Design Option	176	3	2
Fife Pacific Highway with 54th Span Design Option	182	4	2
Fife Median	178	3	1
Fife Median with 54th Avenue Design Option	176	3	1
Fife Median with 54th Span Design Option	182	4	1
Fife I-5	89	2	1
Fife I-5 with 54th Avenue Design Option	88	2	1
Fife I-5 with 54th Span Design Option	94	3	1
Tacoma Segment			
Preferred Tacoma 25th Street-West	1	2	0
Tacoma 25th Street-East	1	2	0
Tacoma Close to Sounder	1	1	0
Tacoma 26th Street	1	2	0

Notes:

(1) The number of impacts counts the individual residential units with projected noise or vibration impacts. Uses such as multi-family residential have multiple individual residential units on a parcel. Hotels and motels are treated as one impact in the noise impact counts.

(2) In addition, one highway noise impact and eight combined highway and light rail noise impacts would affect the Belmor community due to the changes to the barriers and berm that parallel I-5.

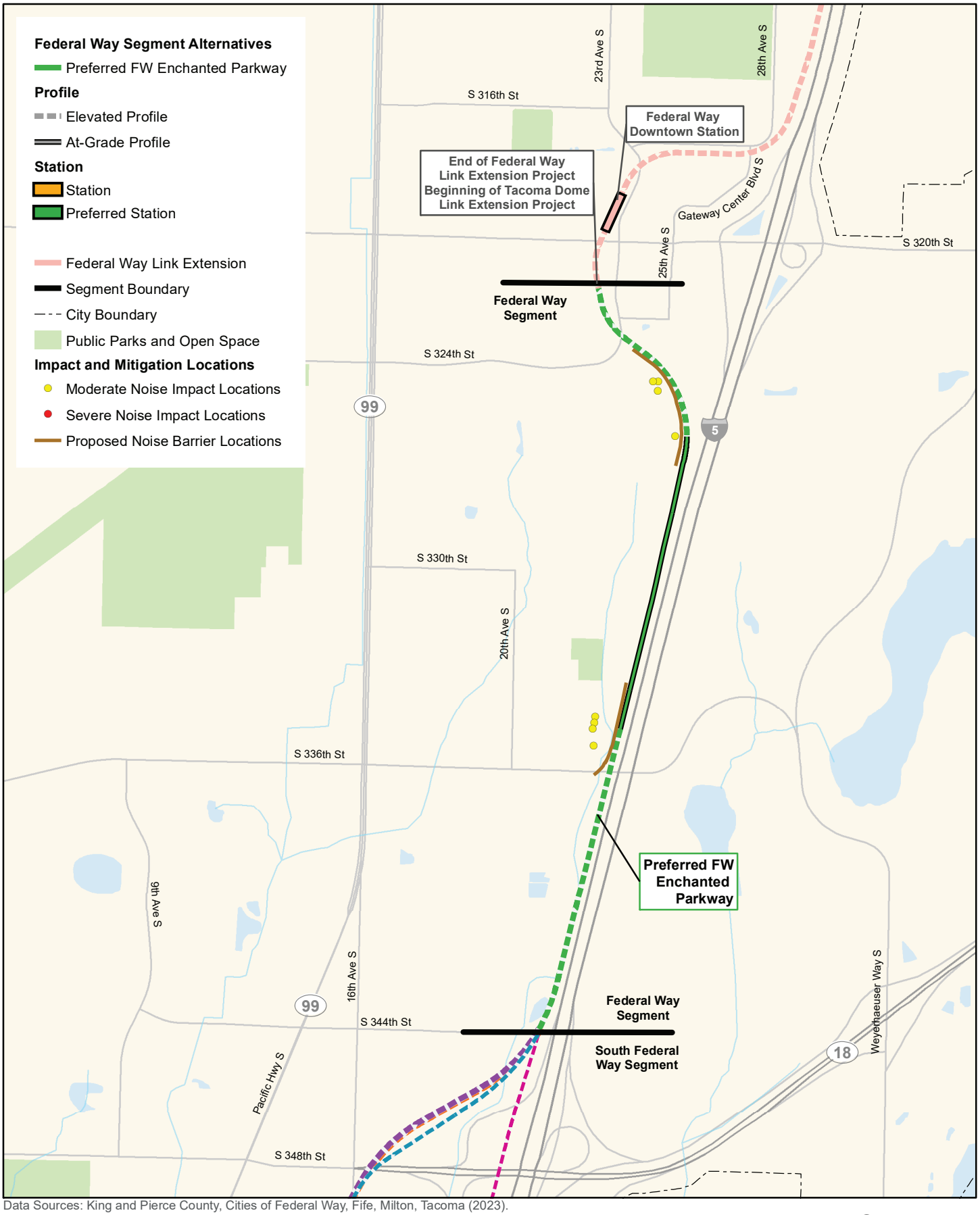

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-6

Noise and Vibration Impact Locations and Mitigation Measures
Preferred Alternative
Federal Way Segment

Tacoma Dome Link Extension

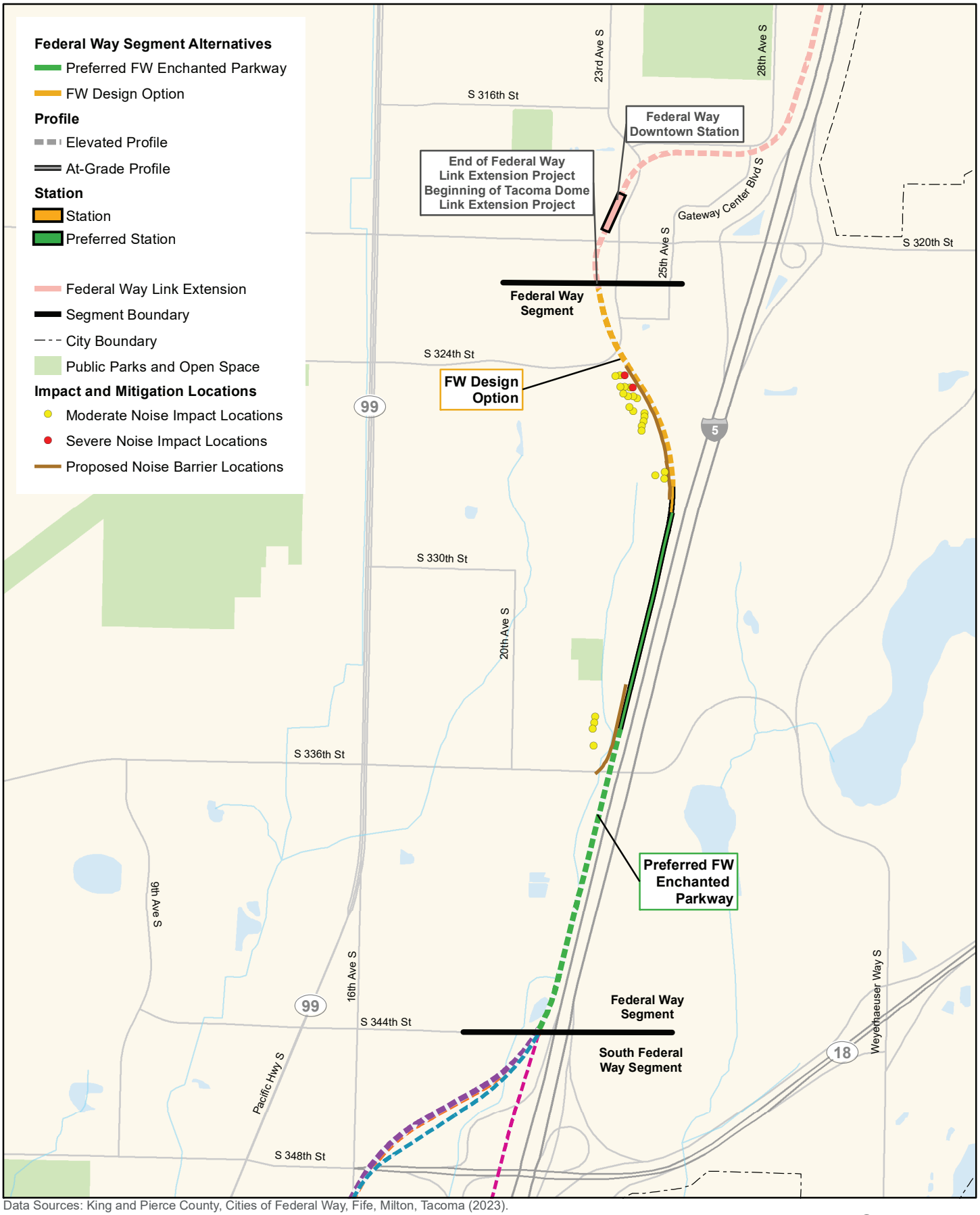

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.7-7
Noise and Vibration Impact Locations and Mitigation Measures
FW Design Option
Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.7-8

Noise and Vibration Impact Locations and Mitigation Measures
SF Enchanted Parkway Alternative
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

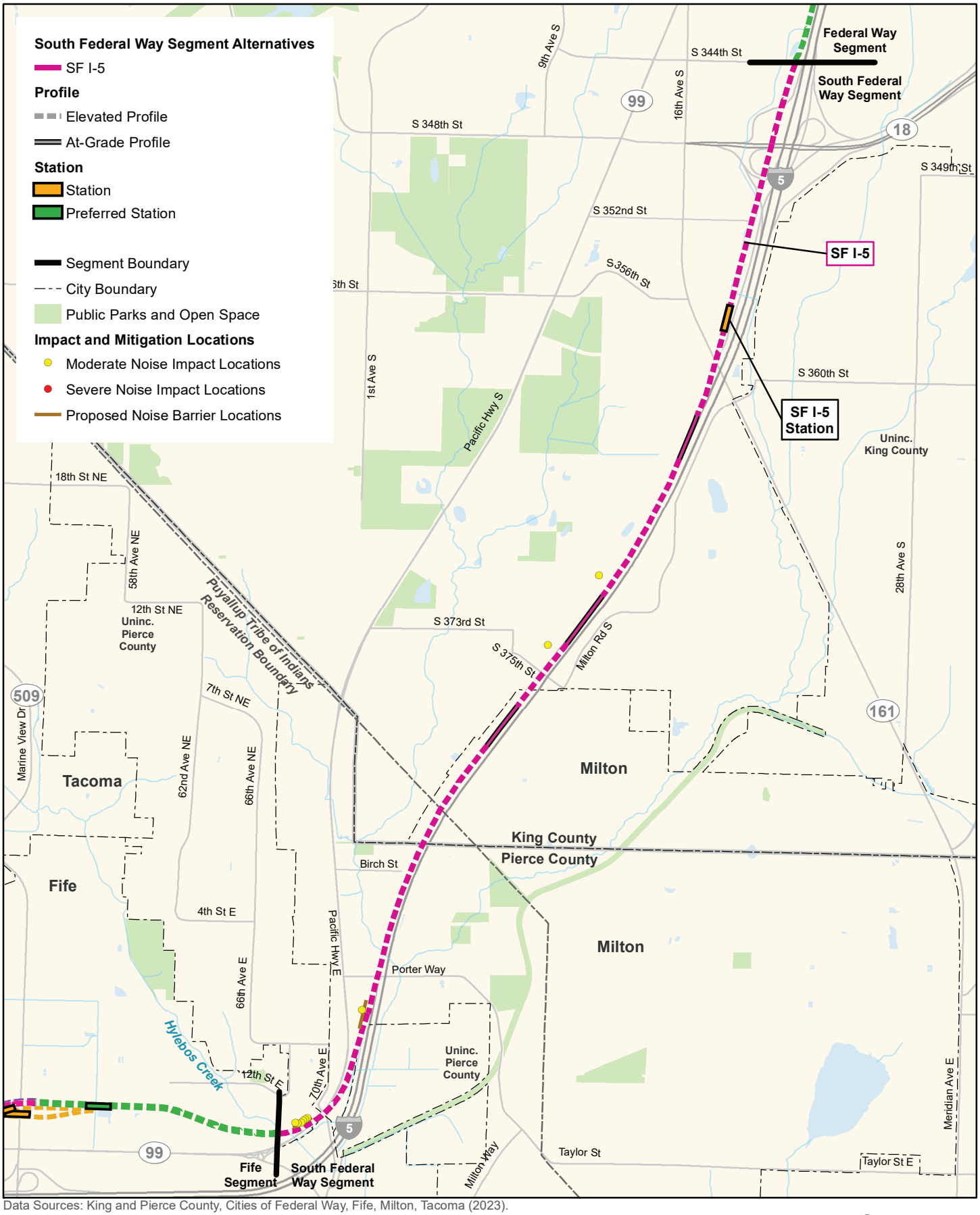

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.7-9
Noise and Vibration Impact Locations and Mitigation Measures
SF I-5 Alternative
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

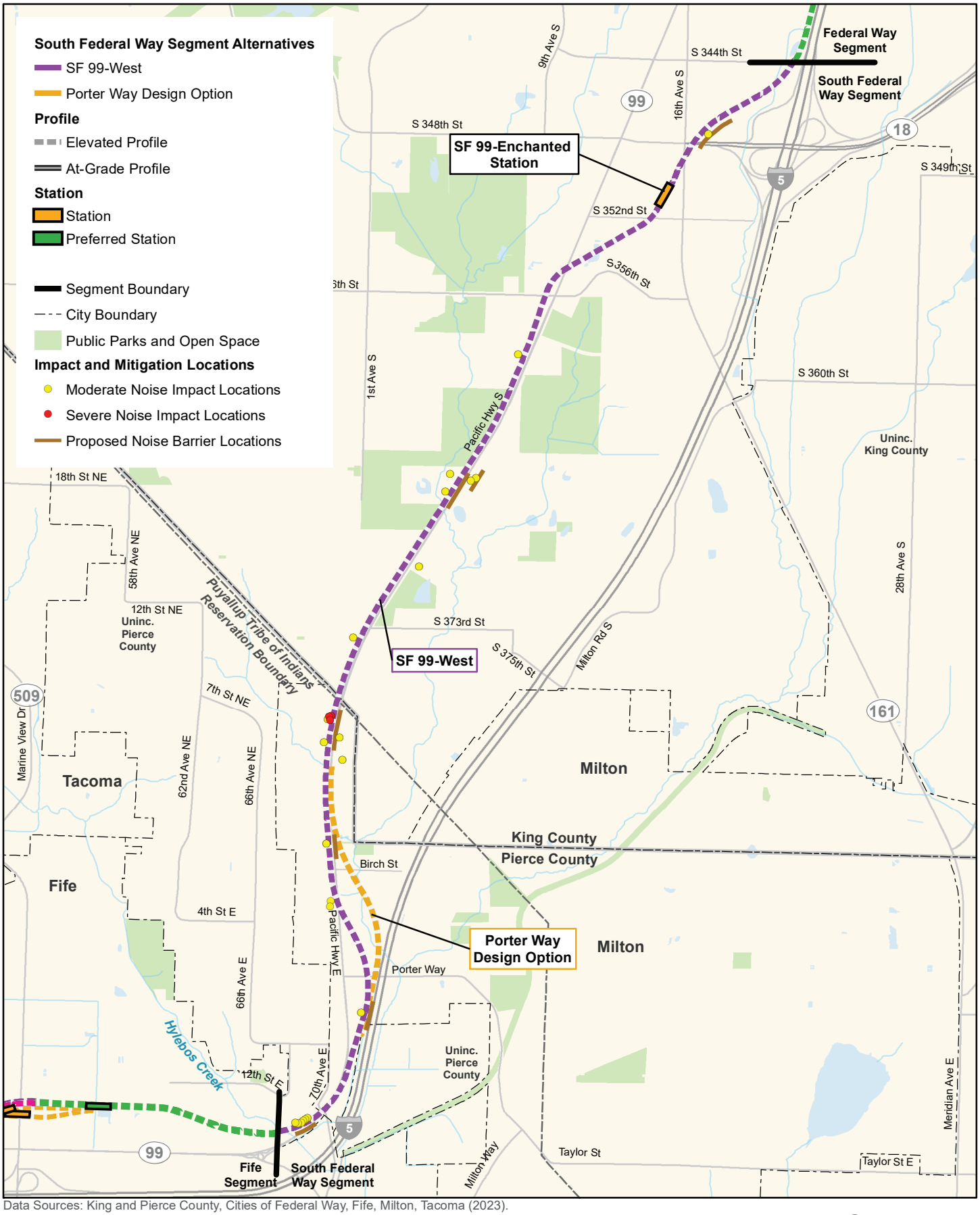

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.7-10

Noise and Vibration Impact Locations and Mitigation Measures
SF 99-West Alternative
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

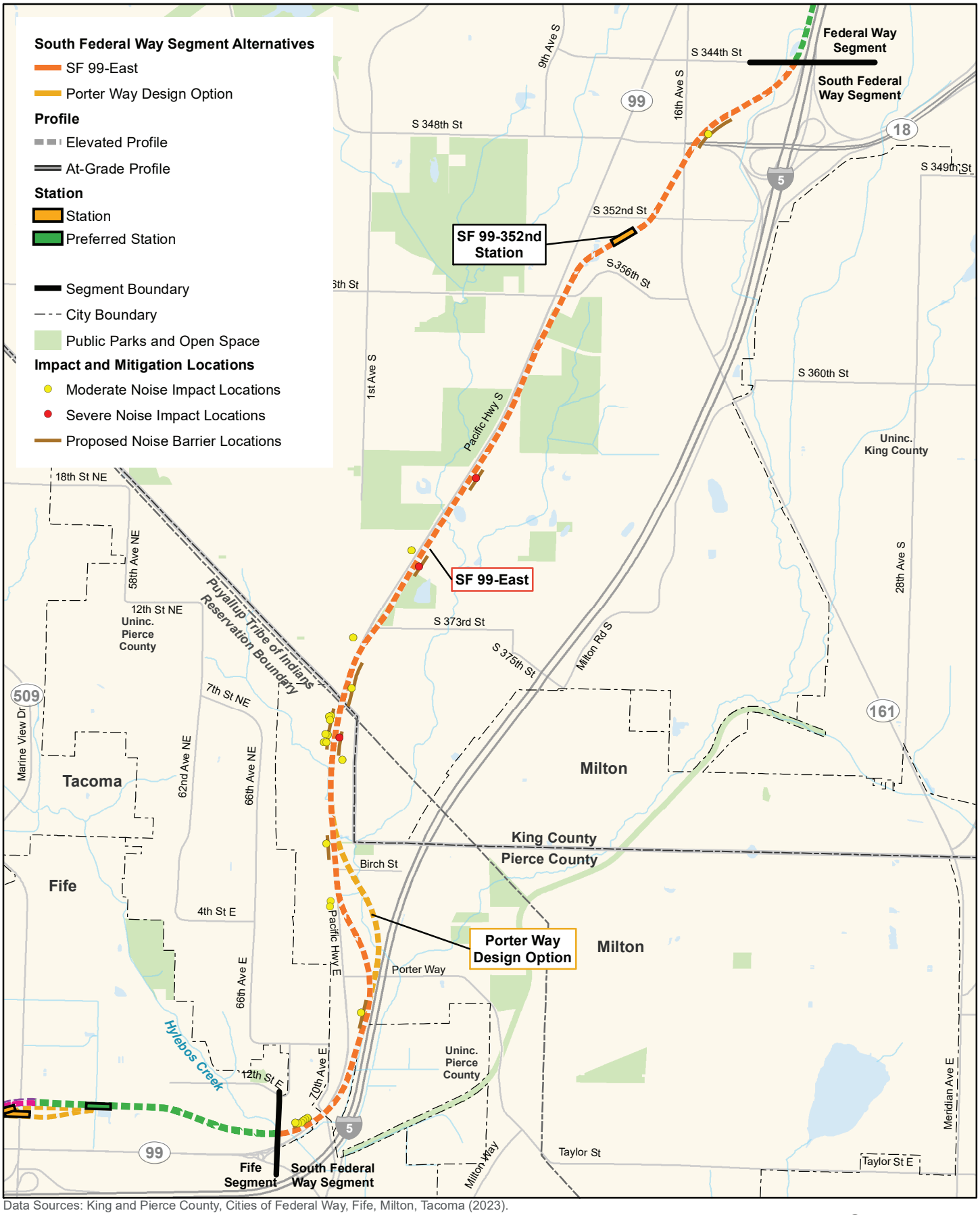

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.7-11
Noise and Vibration Impact Locations and Mitigation Measures
SF 99-East Alternative
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-12

Noise and Vibration Impact Locations and Mitigation Measures
Fife Pacific Highway Alternative
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-13

Noise and Vibration Impact Locations and Mitigation Measures
Fife Pacific Highway with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

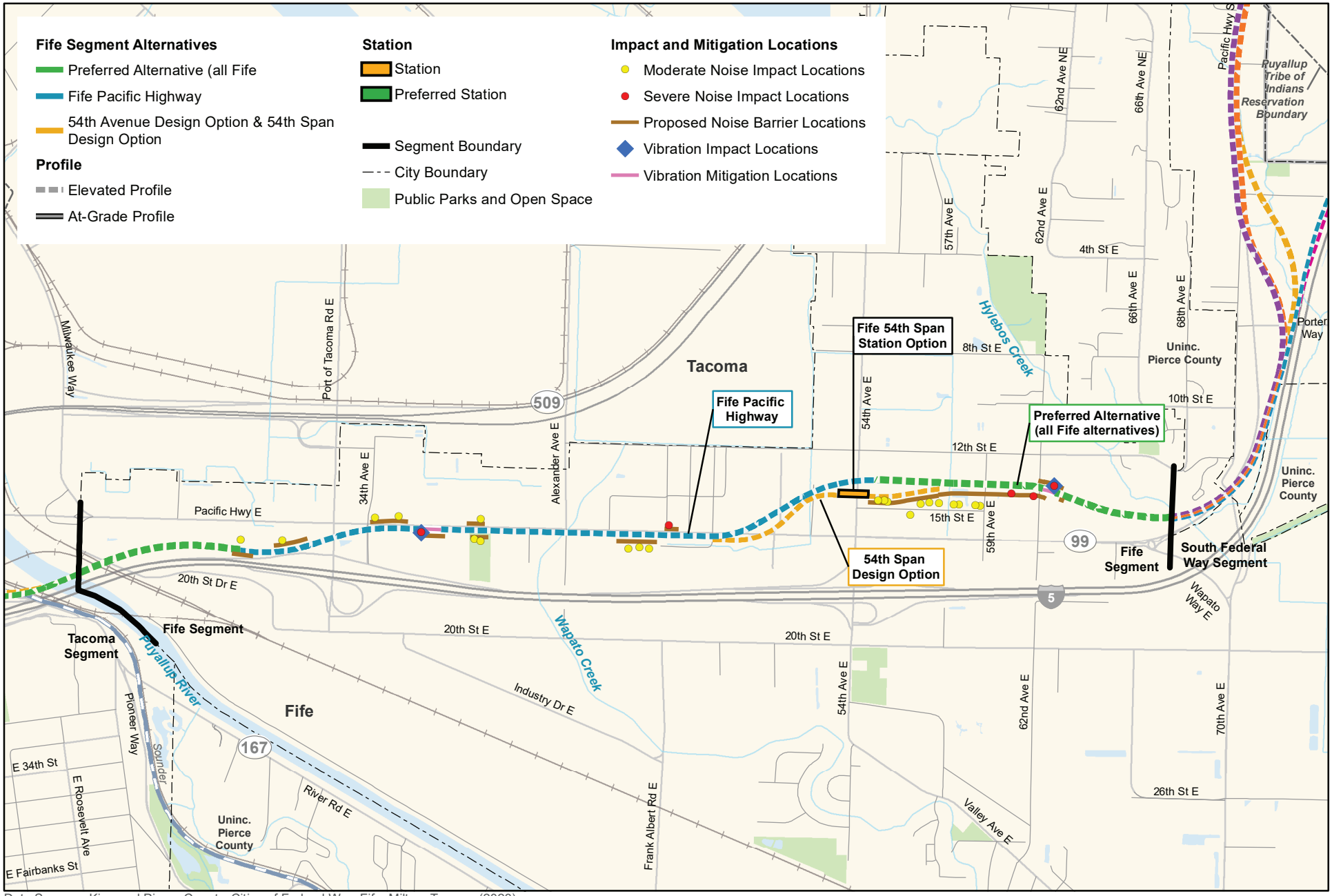

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-14

Noise and Vibration Impact Locations and Mitigation Measures
Fife Pacific Highway with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-15

Noise and Vibration Impact Locations and Mitigation Measures
Fife Median Alternative
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-16

Noise and Vibration Impact Locations and Mitigation Measures
Fife Median with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-17

Noise and Vibration Impact Locations and Mitigation Measures
Fife Median with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

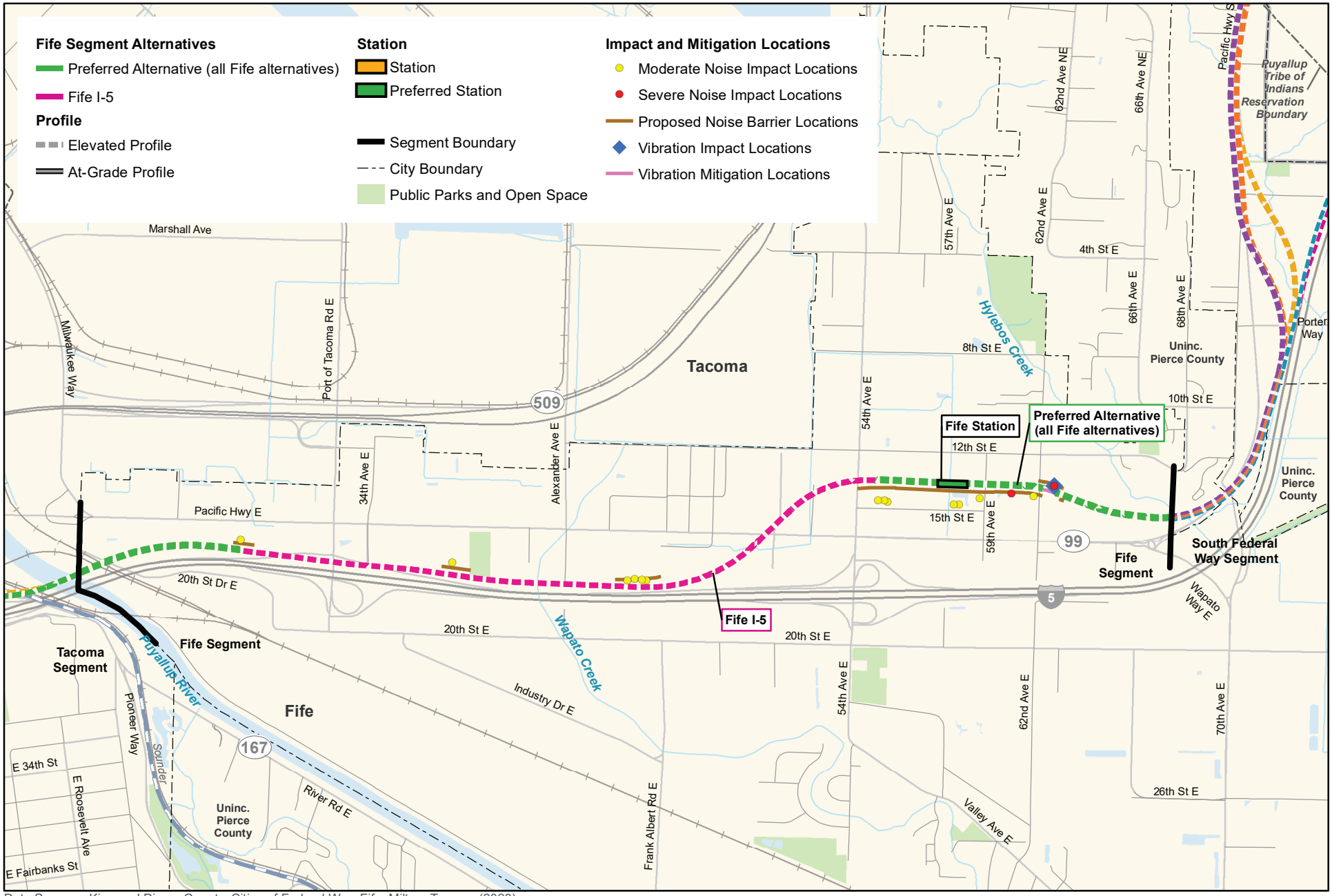

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-18

Noise and Vibration Impact Locations and Mitigation Measures
Fife I-5 Alternative
Fife Segment

Tacoma Dome Link Extension

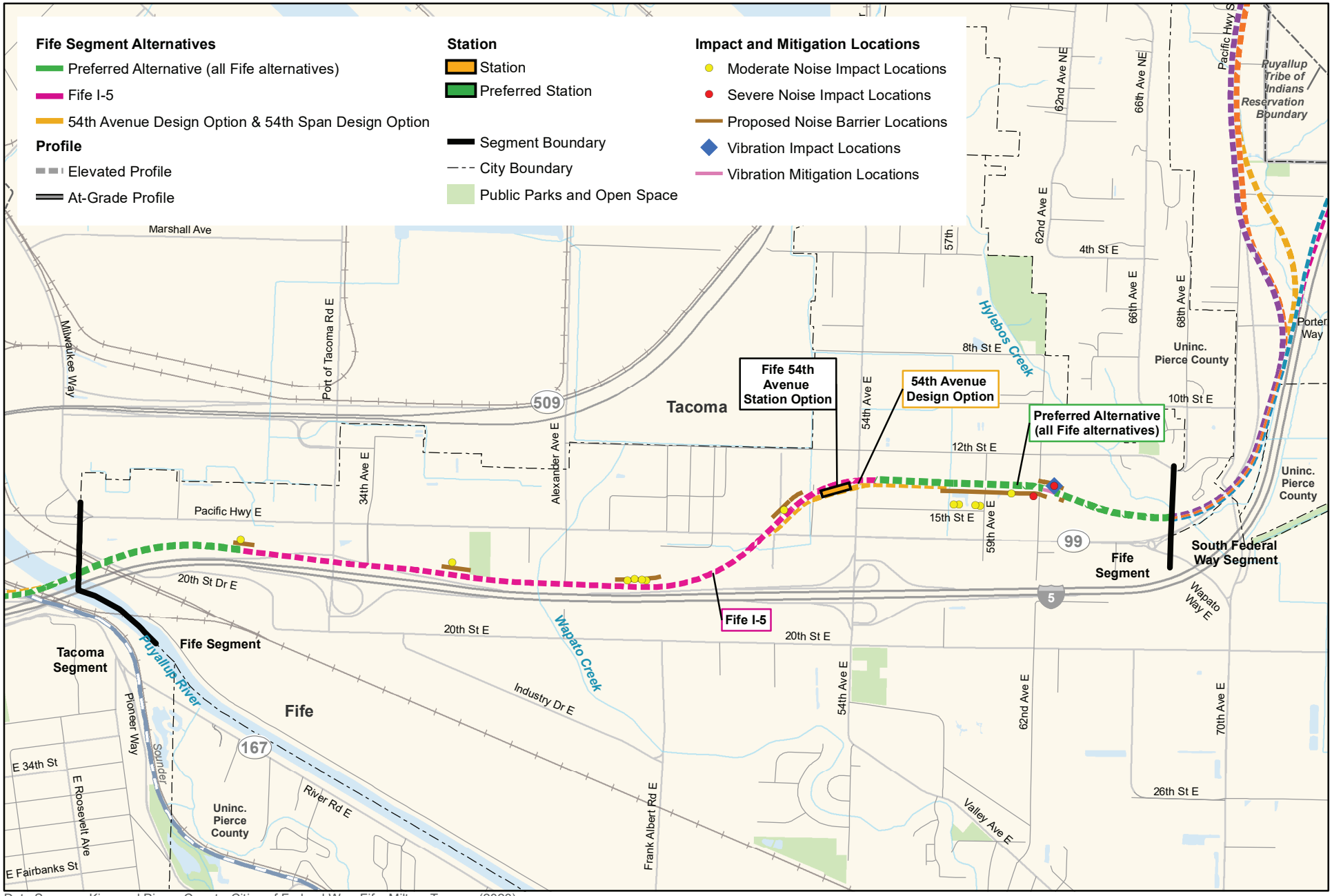

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-19

Noise and Vibration Impact Locations and Mitigation Measures
Fife I-5 with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

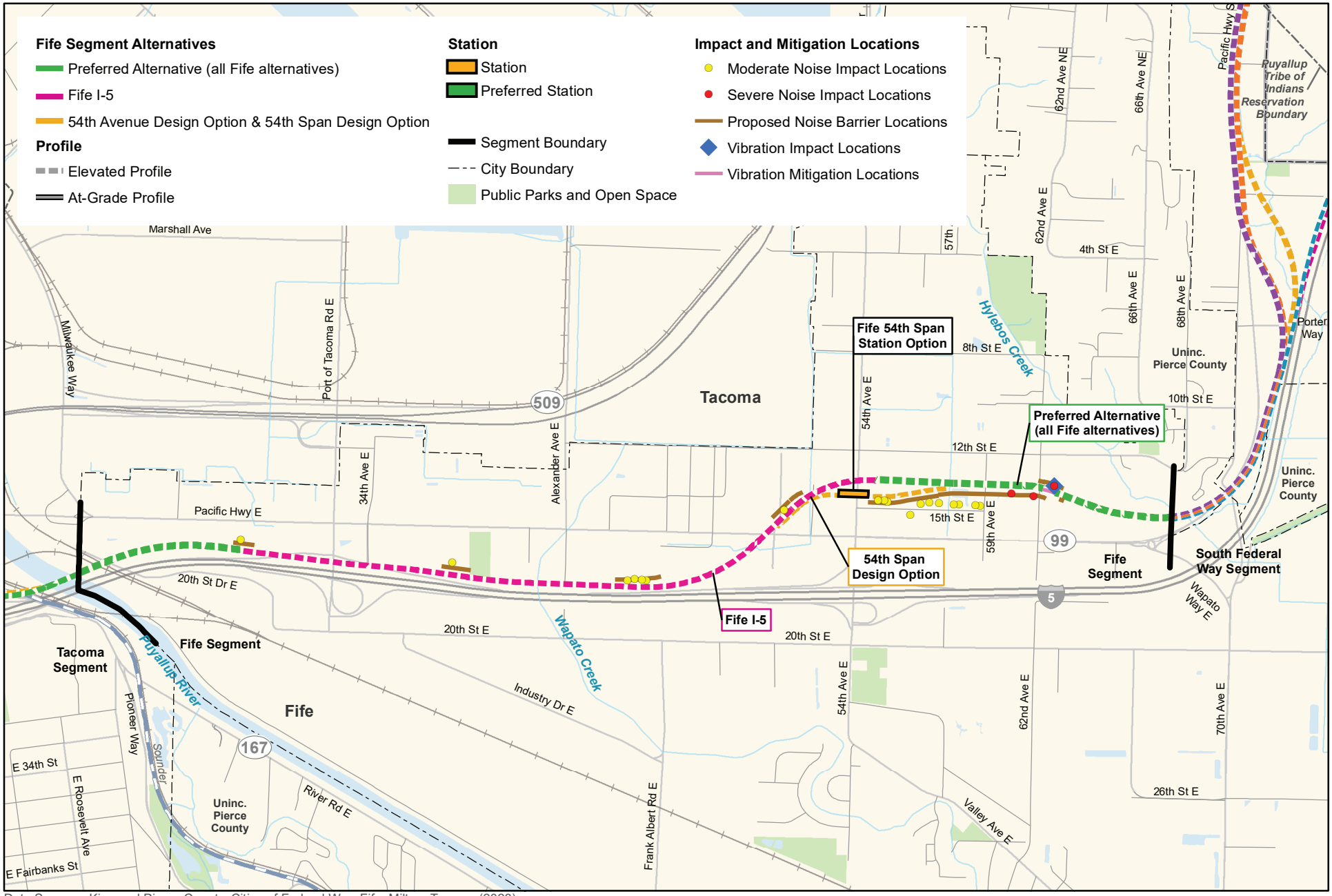

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

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FIGURE 4.7-20

Noise and Vibration Impact Locations and Mitigation Measures
Fife I-5 with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

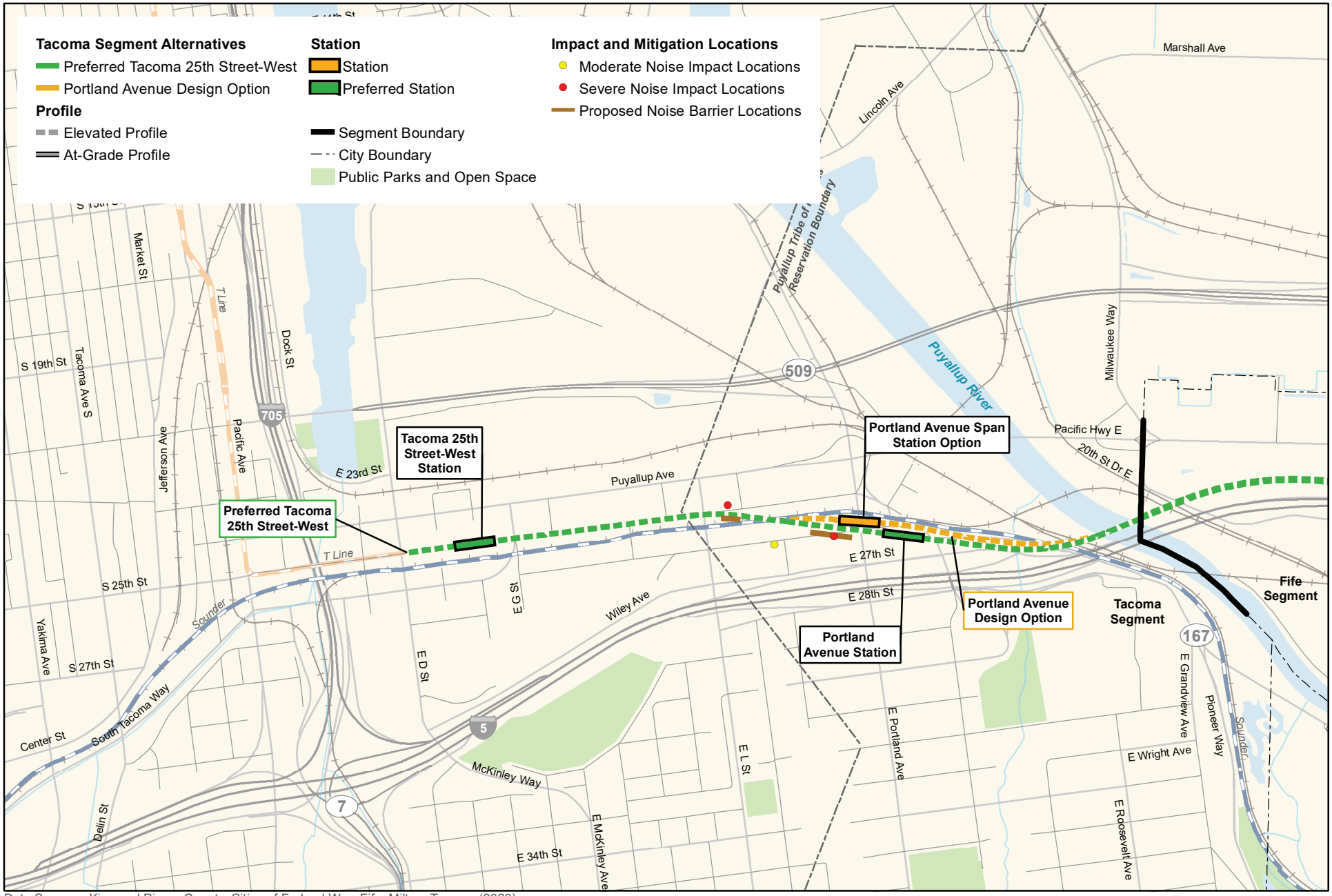

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

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FIGURE 4.7-21

Noise and Vibration Impact Locations and Mitigation Measures
Preferred Tacoma 25th Street-West Alternative
Tacoma Segment

Tacoma Dome Link Extension

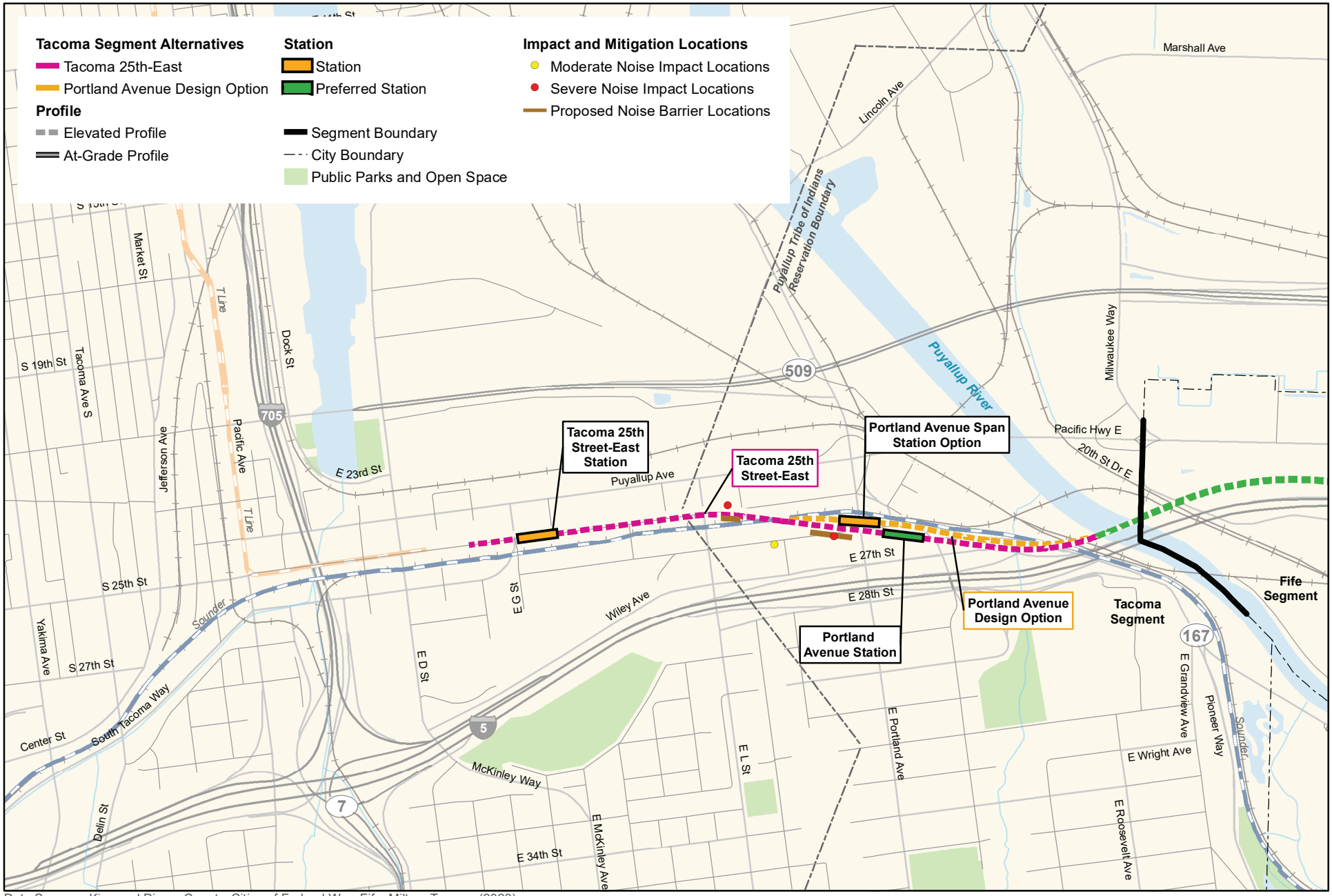

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-22

Noise and Vibration Impact Locations and Mitigation Measures
Tacoma 25th Street-East Alternative
Tacoma Segment

Tacoma Dome Link Extension

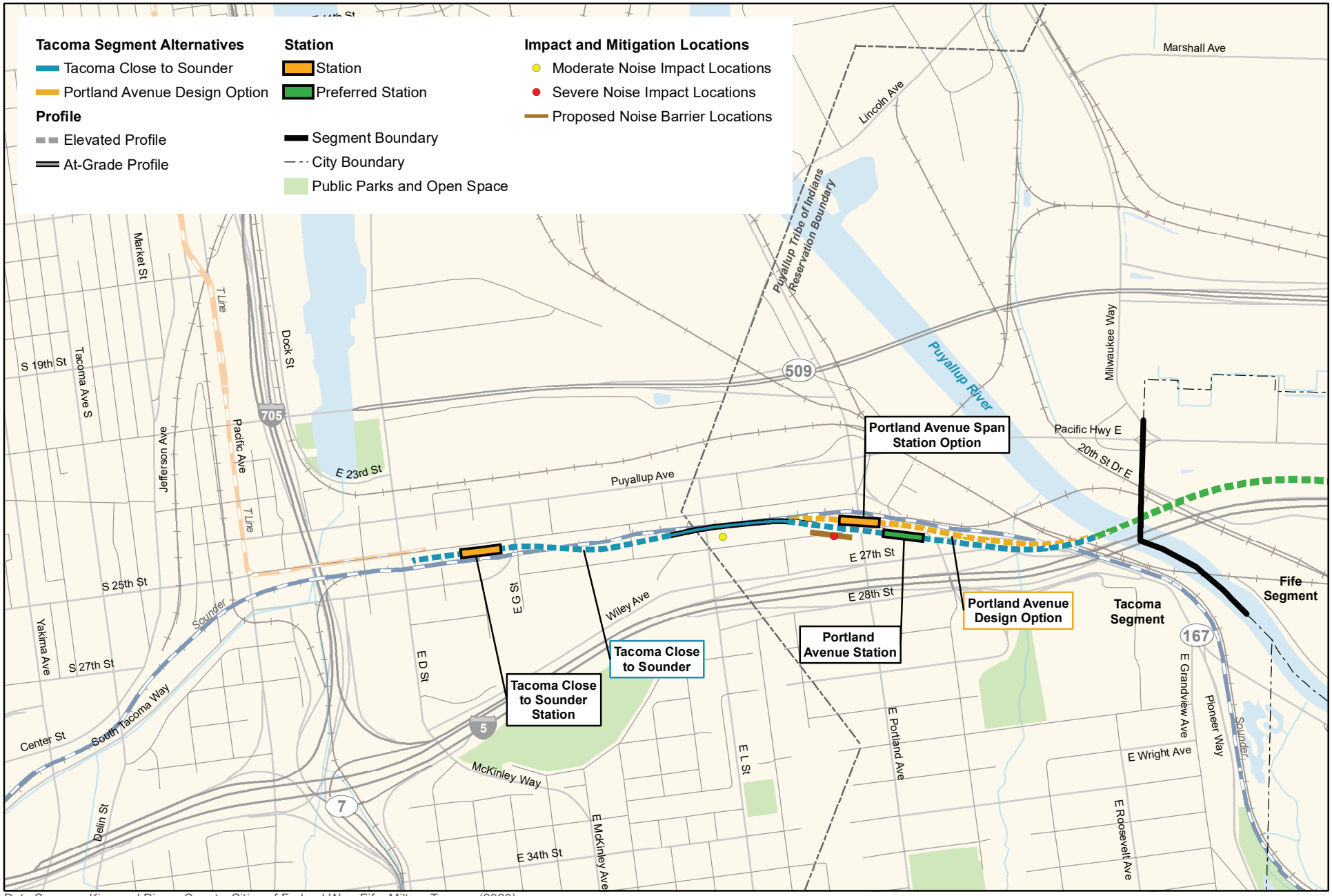

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

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0 0.5 1 Mile

FIGURE 4.7-23
Noise and Vibration Impact Locations and Mitigation Measures
Tacoma Close to Sounder Alternative
Tacoma Segment

Tacoma Dome Link Extension

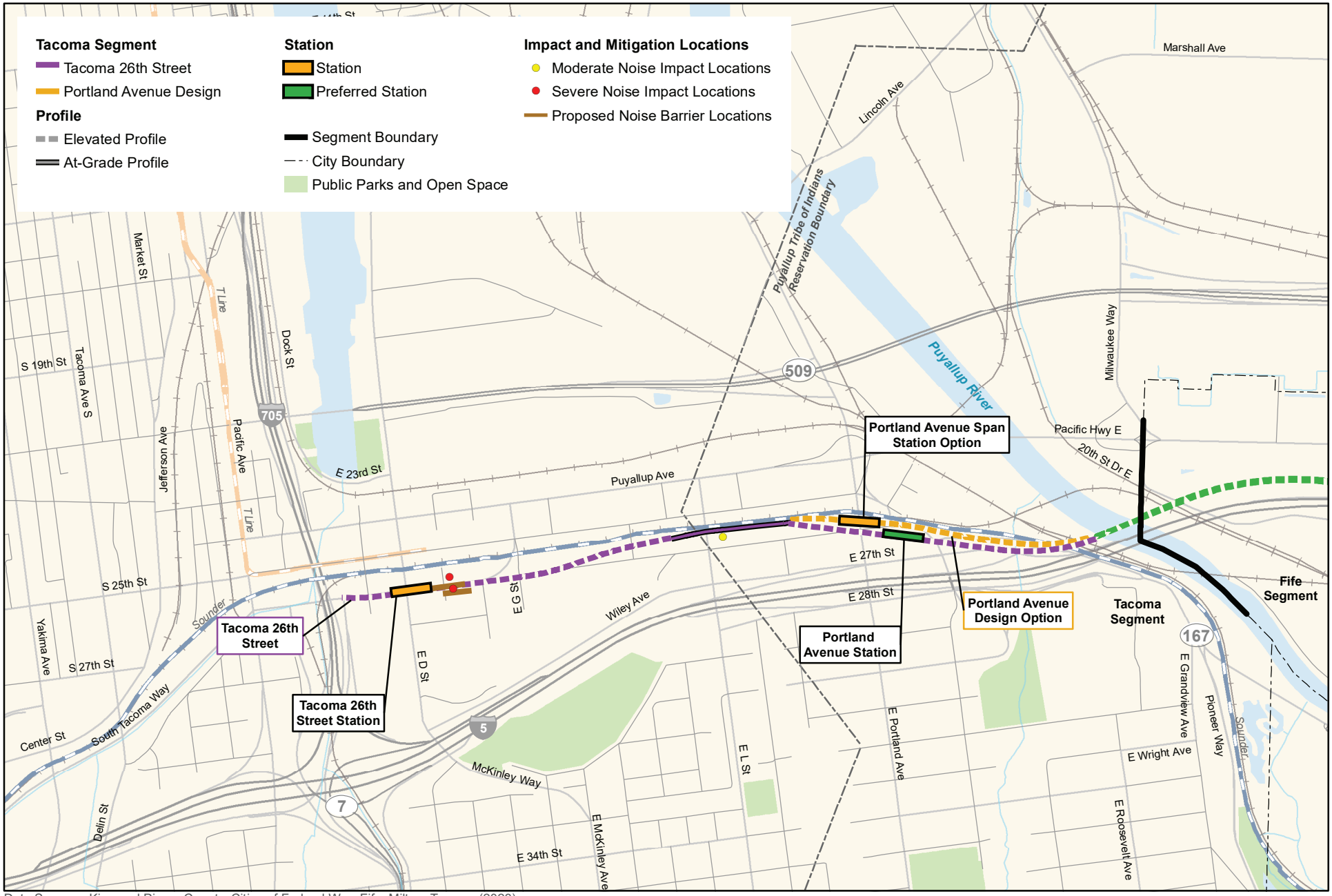

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.7-24
Noise and Vibration Impact Locations and Mitigation Measures
Tacoma 26th Street Alternative
Tacoma Segment

Tacoma Dome Link Extension

Information regarding the number and severity of the noise and vibration impacts by alternative for each segment is shown in Table 4.7-4, and detailed information on the impacts is contained in Appendix J3, Noise and Vibration Technical Report (Attachment G), Chapter 6.

Federal Way Segment

For the Preferred FW Enchanted Parkway Alternative, the analysis identified 25 moderate noise impacts in the Belmor community. The FW Design Option would increase the noise impacts at this location with additional 15 moderate noise impacts and two new severe noise impacts. The curves north of S 324th Street and from S 324th Street to Oakland Hills Boulevard for both the Preferred FW Enchanted Parkway Alternative and the FW Design Option would have a radius between 600 and 1,000 feet and would be prepared for wayside lubricators. In addition, there would be one highway noise impact in the Belmor community due to the changes to the barriers and berm that parallel I-5 and an additional eight impacts due to the combination of I-5 and light rail noise. See Appendix J3, Noise and Vibration Technical Report (Attachment G) for details regarding the traffic noise assessment.

There are no vibration impacts projected in the Federal Way Segment.

South Federal Way Segment

The SF Enchanted Parkway Alternative would have 74 moderate and 76 severe noise impacts, which would be located primarily between S 356th Street and I-5 and due to the crossover associated with the pocket track and the proximity of the alignment to the CrossPoint Apartments. Additionally, the curve across S 348th Street would have a radius between 600 and 1,000 feet and would be prepared for wayside lubricators. The SF I-5 Alternative would have nine moderate and no severe noise impacts; six of these impacts are single-family homes in unincorporated Pierce County just south of the City of Milton and are impacted by all alternatives.

The SF 99-West Alternative would have 22 moderate and five severe noise impacts. The SF 99-West Alternative with the Porter Way Design Option would have two fewer moderate and one fewer severe noise impacts near where the design option would cross Pacific Highway. Both would have a moderate noise impact at the Montessori Academy at Spring Valley. The SF 99-East Alternative would have 23 moderate and three severe noise impacts. The SF 99-East Alternative with the Porter Way Design Option would have three fewer moderate noise impacts due to the proximity of tracks on either side of SR 99. Both would result in a moderate noise impact at the Gethsemane Cemetery.

All alternatives would result in a moderate noise impact at the Telecare Pierce County Evaluation and Treatment Center.

There are no vibration impacts projected for any of the alternatives in the South Federal Way Segment.

Fife Segment

The noise and vibration impacts for the Fife Pacific Highway and Fife Median alternatives with all three Fife station locations (preferred Fife Station, Fife 54th Avenue Station Option, and Fife 54th Span Station Option) involve single- and multi-family residences, as well as several hotels and the St. Paul Chong Hasang Korean Catholic Community Church. The impacts of these two alternatives vary based on the specific location of the station, the proposed tracks, or special trackwork/switches near the individual properties. The noise impacts at the St. Paul Chong Hasang Korean Catholic Community Church are not related to noise from the station for any of the station locations but are related to the proximity of the crossover and location of the track

relative to the church. Both alternatives would have 176 to 182 moderate and three to four severe noise impacts depending on the station location, as shown in Table 4.7-4.

The Fife I-5 Alternative with all three station locations would have the fewest number of impacts (89 to 94 moderate and two to three severe noise impacts depending on the station location). This alternative affects several of the same properties as the Fife Pacific Highway and the Fife Median alternatives, including single- and multi-family residences, a hotel, and the St. Paul Chong Hasang Korean Catholic Community Church. The Fife I-5 Alternative would impact fewer hotels than the other two alternatives, but it would have a moderate noise impact to the Puyallup Tribe Integrative Medicine. The majority of the noise impacts for all the alternatives would be at the Chateau Rainier Apartments. The curve from the Kings Motor Inn to Pacific Highway on the Fife Pacific Highway Alternative would have a radius between 600 and 1,000 feet and would be prepared for wayside lubricators.

All Fife Segment alternatives would have a vibration impact at a single-family residence on 62nd Avenue E, east of the Fife Station, where the vibration level just exceeds the impact threshold. The Fife Pacific Highway Alternative would also have a vibration impact at the Travelodge due to the very close proximity of the tracks to the building.

Tacoma Segment

The noise impacts for the Tacoma Segment alternatives would each affect two to three properties. The Preferred Tacoma 25th Street-West Alternative and the Tacoma 25th Street-East alternative both have severe noise impacts at two hotels and a moderate noise impact at a single-family home. The Tacoma Close to Sounder Alternative and the Tacoma 26th Street Alternative have a severe noise impact at a hotel and a moderate noise impact at a single-family residence. The Tacoma 26th Street Alternative would have a severe noise impact to the Cedar Wellness Center. The impacts are due to a combination of crossovers and the proximity of the tracks to receptors. The curve by the Tacoma Soccer Center on the Tacoma 25th Street-East Alternative, the curve east of East G Street on the Tacoma Close to Sounder Alternative, and the curve across East G Street on the Tacoma 26th Street Alternative would have a radius between 600 and 1,000 feet and would be prepared for wayside lubricators.

There are no vibration impacts projected for any of the alternatives in the Tacoma Segment.

4.7.3.3 Avoidance and Minimization of Impacts

Wheel squeal is possible on curves with a radius of less than 600 to 1,000 feet, depending on the speed and type of trackway. Wheel squeal is not included in the noise model because Sound Transit has committed to reducing potential wheel squeal during system operations by installing wayside lubricators on all curves with a radius of less than 600 feet in noise-sensitive areas and by preparing all curves with a radius of between 600 and 1,000 feet for wayside lubricators. There are no curves with a radius of less than 600 feet. Curves with a radius between 600 and 1,000 feet are discussed in Appendix J3, Noise and Vibration Technical Report (Section 6).

Wayside lubricators

Wayside lubricators reduce the friction between the wheels and track, significantly reducing or eliminating the squeal noise on curves.

4.7.3.4 Construction Impacts for the Build Alternatives

Noise

Elevated noise levels from construction activities are, to a degree, unavoidable for this type of project and would be similar under all of the TDLE build alternatives. For most construction equipment, diesel engines are typically the dominant noise source. For other activities, such as clearing and demolition, impact pile driving and jackhammering, noise generated by the actual process dominates, but can vary in intensity and duration depending on the localized work being done. Construction noise can be particularly intrusive to residents near construction sites. Most construction noise levels are projected to be between 85 and 90 dBA (hourly Leq) at a distance of 50 feet. Louder sources of noise during construction, including with elevated structures, involve cranes, excavators, concrete pumps, and pneumatic tools. At some locations, more extensive work would occur, such as pile driving for elevated structures or buildings, which can exceed 100 dBA at 50 feet. While many construction activities would primarily occur during weekday daytime hours, nighttime or weekend work may be required in some locations or for specific activities. City noise ordinance procedures would be followed, and waivers or noise variances would be obtained as required.

Construction noise predictions at noise-sensitive locations depend on the amount of noise during each construction phase, the duration of the noise, and the distance from the construction activities to the sensitive receptor. Table 4.7-5 provides an example of a construction noise projection for typical at-grade track construction. Construction for other project features, such as stations and elevated guideway, would have similar results. Specific construction scenarios would be developed during the preparation of the construction noise and vibration plan, when more information on methods, equipment, and durations is available. Using these assumptions, an 8-hour Leq of 88 dBA would be projected at a distance of 50 feet from the construction site.

Table 4.7-5 Typical Construction Scenario, At-Grade Track

Equipment Type	Typical Noise Level at 50 Feet (dBA)	Equipment Utilization Factor (%)	Leq (dBA)
Grader	85	50	82
Backhoe	80	40	76
Compactor	82	20	75
Loader	85	20	78
Roller	74	20	67
Truck	88	40	84
Crane, mobile	83	20	76
Total 8-hour workday Leq at 50 feet:			**88**

Using the FTA noise impact guidelines for construction in residential areas (see Appendix J3, Noise and Vibration Technical Report), the potential for short-term at-grade track construction noise impacts could extend to approximately 120 feet away from the corridor; however, if nighttime construction is conducted (when sensitivity to noise is higher and the criteria for impact are lower), the potential for short-term noise impacts from at-grade construction could extend to approximately 380 feet from the corridor. For elevated structure construction, the distance for noise impacts during the daytime could be up to 250 feet for impact pile driving, assuming it occurs during 20 percent of the day. If alternative methods of piling are used, such

as vibratory, the distance to an impact would be less. Based on the distances above, there would be approximately 500 receivers within the daytime distance and approximately 1,500 receivers within the nighttime distance for all TDLE build alternatives.

As part of the project, construction activities will be carried out in compliance with Sound Transit specifications and all applicable local noise regulations. Construction noise is exempt from the WAC noise limits, except at residential land uses during nighttime hours (10 p.m. to 7 a.m.). If construction is performed during nighttime hours, the contractor must meet the WAC noise level requirements or obtain a noise variance from the governing jurisdiction. Federal Way, Milton, and Tacoma have each adopted their own construction-related noise ordinances, which have only slight differences in the definitions of daytime and nighttime.

Vibration

Unlike typical light rail operations, there is the potential for damage to nearby structures at close distances due to construction vibration from activities, such as pile driving, hoe rams, vibratory compaction, and loaded trucks. Most limits on construction vibration are based on reducing the potential for damage to nearby structures. Although construction vibrations are only temporary, it is still reasonable to assess the potential for human annoyance.

As a conservative approach, the potential for construction vibration damage impacts has been assessed based on the vibration damage criteria for the non-engineered timber and masonry building category (Category 3) in the FTA guidance manual. A vibration criterion of 94 VdB has been used to assess potential damage impact, and the operational vibration criterion of 72 VdB has been used to assess potential vibration annoyance from construction activities. With the exception of impact pile driving, the potential for vibration damage is limited to within 25 feet of construction activities. For impact pile driving, the screening distance for potential vibration damage is 55 feet. There are sensitive receptors within 25 feet of the project alternatives in the Federal Way and South Federal Way segments, and there are several others within 55 feet at other locations as well. However, any potential for impacts would depend on the piling method chosen as part of final design. The potential impacts would be similar under all of the TDLE build alternatives.

Because the exact location of construction equipment is important in projecting vibration levels, a more detailed assessment of potential vibration damage would be performed during final design for buildings that are within 25 feet of large construction equipment and within 55 feet of impact pile driving when more accurate equipment locations are known.

4.7.3.5 Indirect Impacts

Indirect noise and vibration impacts, including increased noise and/or vibration levels near the TDLE build alternatives, could be associated with new developments near the project. This could involve developments on land that becomes available along the alignment after project construction, or due to transit oriented developments near station areas. Long term noise increases associated with future development could increase noise in the project area, but any increase would likely be minimal, particularly because transit-oriented developments typical involve non-manufacturing activities like residential or commercial uses. During construction as well as long term, any new developments would be required to meet local noise regulations. Most vehicle traffic and other sources of environmental vibration they could create are below the levels of human perception and would not cause an indirect impact.

4.7.4 Potential Mitigation Measures

4.7.4.1 Noise

Sound Transit is committed to minimizing noise levels at their source for all of its light rail corridors (Figure 4.7-25). When noise impacts still occur, Sound Transit provides noise mitigation measures for existing uses when determined to be reasonable and feasible, consistent with its Link Light Rail Noise and Vibration Policy (Resolution No. R2023-15). This policy sets source mitigation as the preferred method of mitigation, followed by path mitigation, such as noise barriers, and then receiver mitigation, which would include sound insulation of properties (Sound Transit 2023). The most effective type of mitigation at most locations would be noise barriers (sound walls) because they reduce noise near the source. The height of the barriers would be determined during final design. However, typical noise barriers are 8 to 10 feet high for at-grade operations and 4 to 6 feet in height on elevated structures. The figures in Section 4.7-3 show the locations of potential noise barriers for each alternative. Additionally, Chapter 8 of Appendix J3, Noise and Vibration Technical Report, includes tables identifying potential locations and lengths of noise barriers, as well as figures showing the potential noise barriers locations for each alternative.

Sound Transit would mitigate the majority of noise impacts with noise barriers along the guideway or with special trackwork, such as movable point or spring rail frogs to eliminate the gap that causes noise and vibration at track crossover locations. For impacts that cannot be fully mitigated with sound walls or special trackwork or are at locations that have impacts to single isolated residences, the most effective mitigation measure would be building sound insulation. With the recommended noise mitigation, including potential additional sound insulation at barrier locations, there would be no residual impacts at noise barrier locations and all noise impacts would be at a level below the FTA threshold for moderate noise impacts.

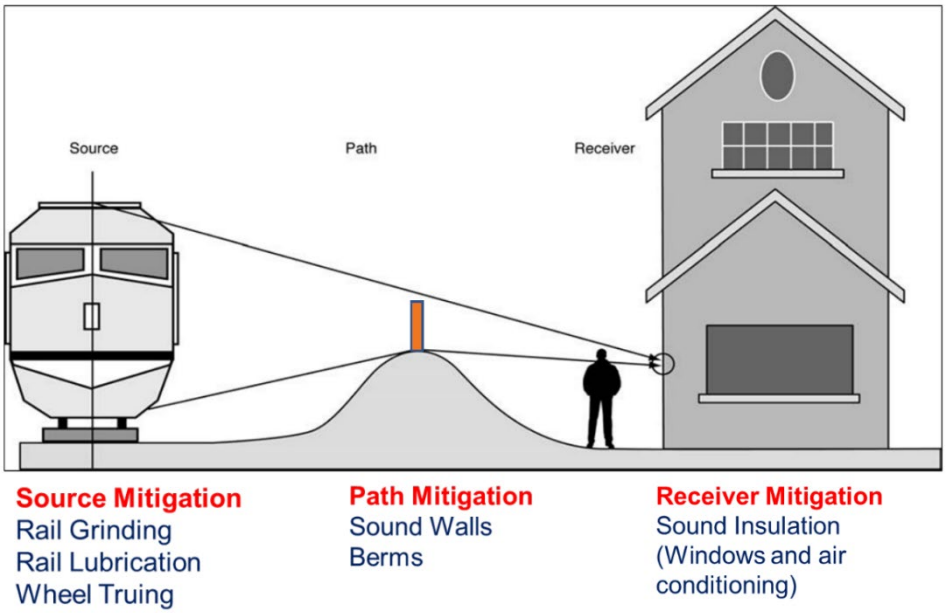

Figure 4.7-25 Typical Train Noise Source Mitigation

During final design, all impacts will be verified, and mitigation details will be designed. Mitigation may be eliminated if the final design analysis finds no impacts or may be modified if more cost-effective mitigation is identified. After light rail operations begin, if the resulting noise were to exceed FTA criteria, Sound Transit would evaluate the need for additional mitigation.

4.7.4.2 Vibration

A number of different approaches have been used by rail transit systems to reduce ground-borne vibration during operations. The most common vibration mitigation measure used on at-grade light rail systems consists of placing a resilient layer between the track and the soil. For elevated structures, highly resilient fasteners are typically used to provide vibration mitigation.

Vibration predictions would be refined during final design, before mitigation measures are finalized. There are no vibration impacts in the Federal Way, South Federal Way, or Tacoma Segment, and no mitigation is recommended. Potential mitigation locations have been identified for the Fife Segment. Potential vibration mitigation locations for each of the alternatives and design options in the Fife Segment are shown in Figures 4.7-12 through 4.7-20. Appendix J3, Noise and Vibration Technical Report, includes additional details and tables regarding the potential vibration mitigation locations.

There are two buildings where vibration impacts have been identified. One at a single-family residence on 62nd Avenue E to the east of the Fife Station, where the vibration level just exceeds the impact threshold for all alternatives. The other vibration impact is at the Travelodge, located on Pacific Highway east of 34th Avenue E, for the Pacific Highway Alternative only. The impact at the hotel is due to the very close proximity of the tracks to the building for that alternative. Additional testing inside affected structures would help to refine the vibration levels by determining the response of the foundations. The mitigation following detailed site-specific studies at these receivers could be low vibration treatments of the track and/or the receiver structure. A number of mitigation measures would be considered including ballast mats, highly resilient fasteners, floating slabs, and low-impact special trackwork, and alternative approaches for special circumstances.

4.7.4.3 Construction Noise and Vibration

Specific construction noise and vibration avoidance, minimization, and mitigation measures would be refined during the design phase of the project when more detailed construction information is available and documented in a Construction Noise and Vibration Plan. The following measures could be applied as needed to minimize temporary construction noise and vibration impacts:

- Avoiding nighttime construction in residential neighborhoods.
- Locating stationary construction equipment as far as possible from noise-sensitive sites.
- Constructing noise barriers, such as temporary walls or piles of excavated material, between noisy activities and noise-sensitive receivers.
- Routing construction-related truck traffic to roadways that would cause the least disturbance to residents.
- Using alternative construction methods to minimize the use of impact and vibratory equipment (e.g., pile drivers and compactors). If pile driving is necessary, it would be limited to daytime hours.

In addition to the measures above, it is common to require a detailed Noise and Vibration Control Plan from the contractor as part of construction. Key elements of a Noise and Vibration Control Plan could include:

- Contractor's specific equipment types.
- Schedule (dates and times of day) and methods of construction.
- Maximum noise limits for each piece of equipment with certification testing.
- Prohibitions on certain types of equipment and processes during the night or daytime hours, per local agency coordination and approved variances.
- Identification of specific sensitive receptors near construction sites.
- Methods for predicting construction noise levels.
- Implementation of noise and vibration control measures where appropriate.
- Methods for responding to community complaints in compliance with Sound Transit Outreach requirements.

4.8 Water Resources

This section discusses how the project would potentially affect surface water and groundwater resources, including streams, rivers, shorelines, floodplains, floodways, critical aquifer recharge areas, sole source aquifers, and wellhead protection areas. Considerations to avoid, minimize, or mitigate potential impacts resulting from project-related construction, operations, and maintenance activities are also included. While this section may briefly discuss related resources, please refer to the following for specific details: Land Use (Section 4.2 and Appendix H2); Ecosystems Resources (Section 4.9 and Appendix J4); Geology and Soils (Section 4.11 and Appendix H6); and Hazardous Materials (Section 4.12 and Appendix H7).

4.8.1 Requirements and Policies

Certain federal, Tribal, state, and local regulations and policies relevant to water resources in the study area are highlighted here. A full discussion of these items can be found in Appendix H5, Water Resources Supporting Information.

- Federal: Federal regulations and permits applicable to project activities that could impact water quality, create an obstruction to navigable waters, alter existing water resource-related civil works projects (such as federally authorized levees along the Puyallup River), or impact floodplains include the Clean Water Act, 33 U.S.C. § 1251 et seq., including Section 303(d) – Impaired Waters and TMDL, Section 401 – Water Quality Certification, Section 402 – National Pollutant Discharge Elimination System (NPDES), and Section 404 – Permits for Dredge or Fill; Sections 9, 10, and 408 of the Rivers and Harbors Act of 1899, 33 U.S.C. § 408; and the Floodplain Management Presidential Executive Order 11988 of May 24, 1977, and its subsequent updates (Executive Orders 13690 and 14030). Also, the EPA has jurisdictional review for projects that cross over a sole source aquifer or discharge to streams that recharge the sole source aquifer.
- Puyallup Tribe of Indians: The Puyallup Tribe has delegated authority for Section 401 Water Quality Certification as part of Section 401 of the Clean Water Act. The Tribe issues water quality standards as well as development and construction permits for all discharges on the Puyallup Tribe of Indians Reservation; including Antidegradation Implementation Procedures for properties owned by the Puyallup Tribe of Indians or land that the United States government holds in trust on behalf of the Tribe. The project would cross the Puyallup River in a reach that is regulated by Puyallup Tribal Code (Section 10.08 et seq).
- State: Work near water resources requires approvals from state agencies including Ecology for water quality, WDFW for in-water work, and WSDOT for projects in state right-of-way. Work below the ordinary high water mark (OHWM) of waters of the state in the study area would be conducted in accordance with the terms of a WDFW HPA for this project. TDLE would also cross or be near areas within WSDOT right-of-way. WSDOT is continuing its efforts to remove fish-passage barriers and is currently responding to a federal court injunction to substantially increase those efforts. TDLE bridge and culvert crossings would be designed based on applicable fish-passage requirements and placement of crossings would be coordinated with WSDOT, Tribes, and other relevant agencies.
- Local: The cities of Tacoma, Federal Way, Fife, and Milton are permittees under the Ecology NPDES Municipal Stormwater General Permit (Ecology 2021). This permit requires compliance with BMPs for design related to flow control and water quality as outlined in the Stormwater Management Manual for Western Washington (SWMMWW; Ecology 2019) or equivalent manuals as adopted by the local jurisdictions (City of Fife 2019a; City of Tacoma 2021; King County 2021a; City of Federal Way 2017; King County 2021b; Pierce County 2021; City of Milton 2022). In addition, local agencies regulate work near water

bodies, including shoreline substantial development permits or other shoreline permits near shorelines of the state, and local critical areas alteration reviews and approvals for projects impacting streams, floodplains, or wetlands.

- Sound Transit: The project would be designed in accordance with the Sound Transit Requirements Manual (Sound Transit 2024), which include design standards for stormwater management, flood risk, channel migration zones, and water crossings.

4.8.2 Affected Environment

The project corridor extends from Federal Way to the Tacoma Dome and crosses the Puyallup Tribe of Indians Reservation. The affected environment includes the surface water, shorelines, stormwater, floodplains, and groundwater resources in the study area, organized into the following four segments, north to south: Federal Way Segment (Figure 4.8-1), South Federal Way Segment (Figure 4.8-2), Fife Segment (Figure 4.8-3), and Tacoma Segment (Figure 4.8-4).

4.8.2.1 Natural Water Bodies

Natural water bodies in Washington State are organized into administrative and planning boundaries known as Water Resource Inventory Areas (WRIAs), which are managed by Ecology. All alternatives for the proposed project and natural water bodies within the study area are in WRIA 10, the Puyallup/White Watershed (WDFW 2011). The surface waters in the study area discharge to the WRIA 10 stream basins of Hylebos Creek, Wapato Creek, and the Puyallup River. The stream basins in the study area all discharge to Commencement Bay within Puget Sound. Only streams in the study area are discussed here.

Ecology designates water bodies within the state with beneficial uses, such as drinking water, recreation, aquatic habitat, and industrial use, and those that are historically and currently impaired by pollutants on the Water Quality Assessment Clean Water Act Section 303(d) list (Ecology 2018). If a project site discharges to any of the 303(d)-listed bodies of water, additional treatment or flow control measures may be required. The surface waters in the study area have been historically impacted by the heavily urbanized environment, and many of the streams have reaches that have been either channelized or piped. Culverts and piped streams are described in Section 3.1.2 of Appendix J4, Ecosystems Technical Report. The industrial and commercial development in the study area has imparted a legacy of contamination dating back over a century. Contaminated sites in the study area are discussed in Section 4.12, Hazardous Materials.

Characteristics of each water body in the study area are summarized in Table 4.8-1 and discussed in more detail in Appendix H5, Water Resources Supporting Information.

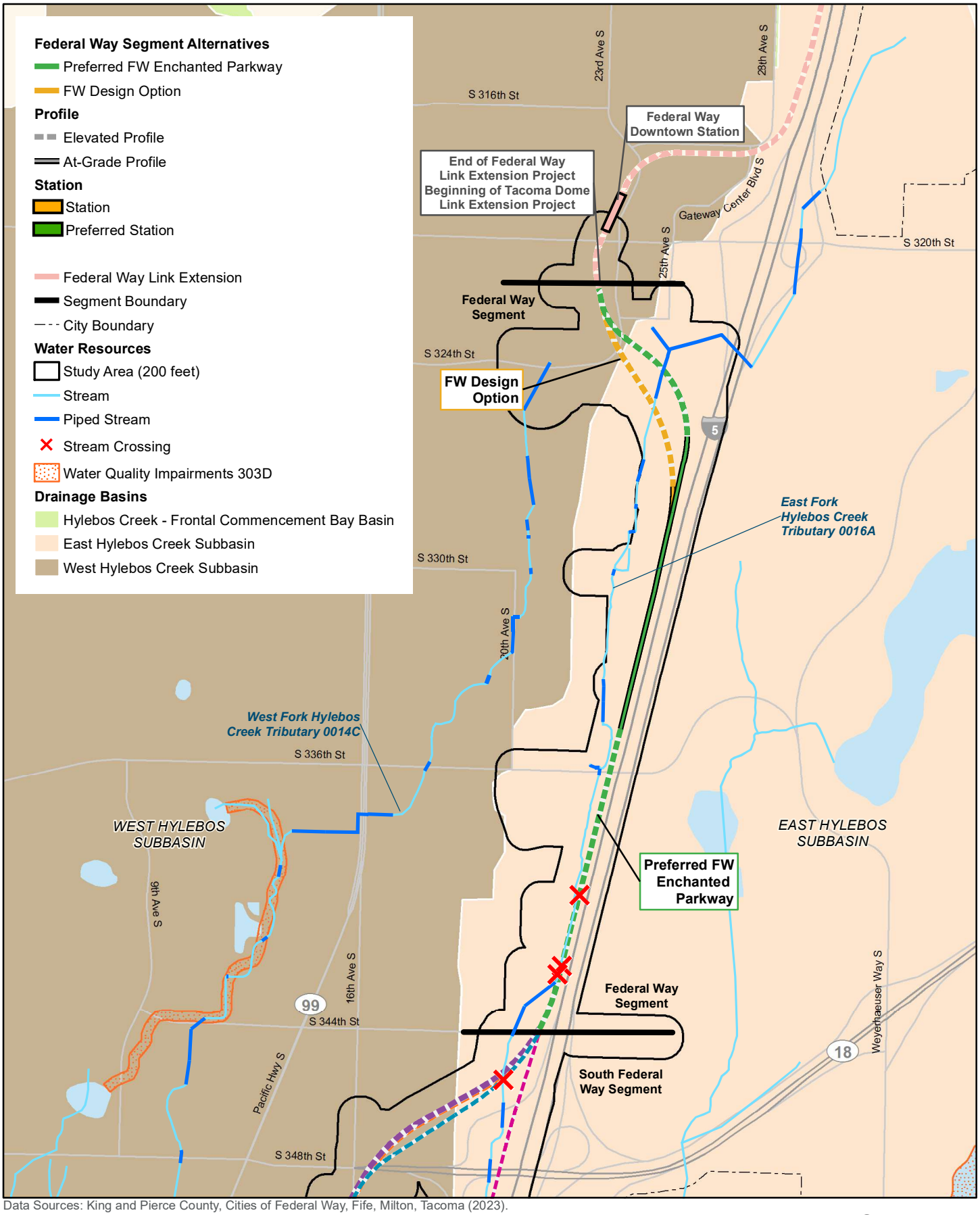

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.8-1

Water Resources Affected Environment Surface Water
Federal Way Segment

Tacoma Dome Link Extension

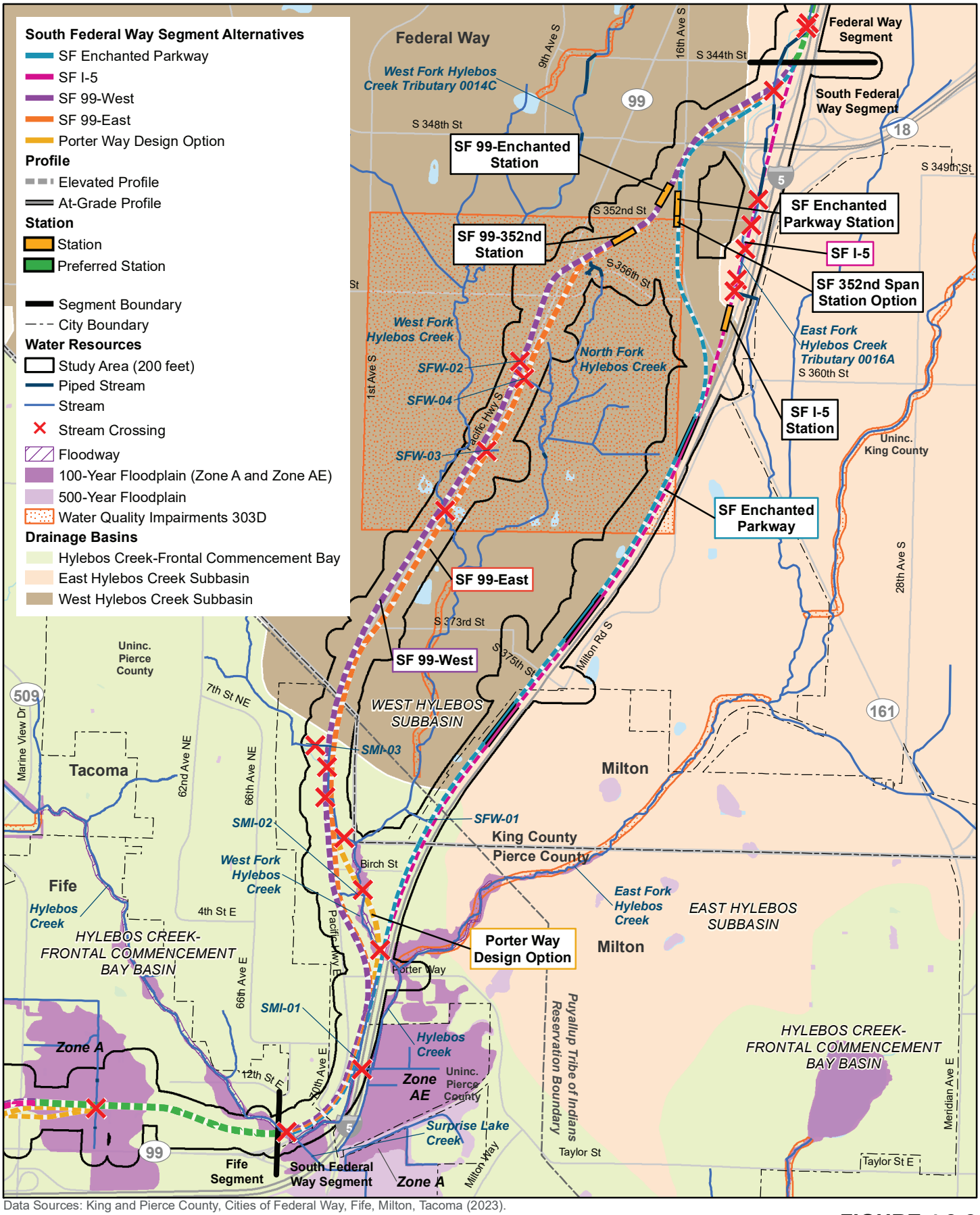

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

Note: In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain.

N

0 0.5 1 Mile

FIGURE 4.8-2
Water Resources Affected Environment Surface Water South Federal Way Segment
Tacoma Dome Link Extension

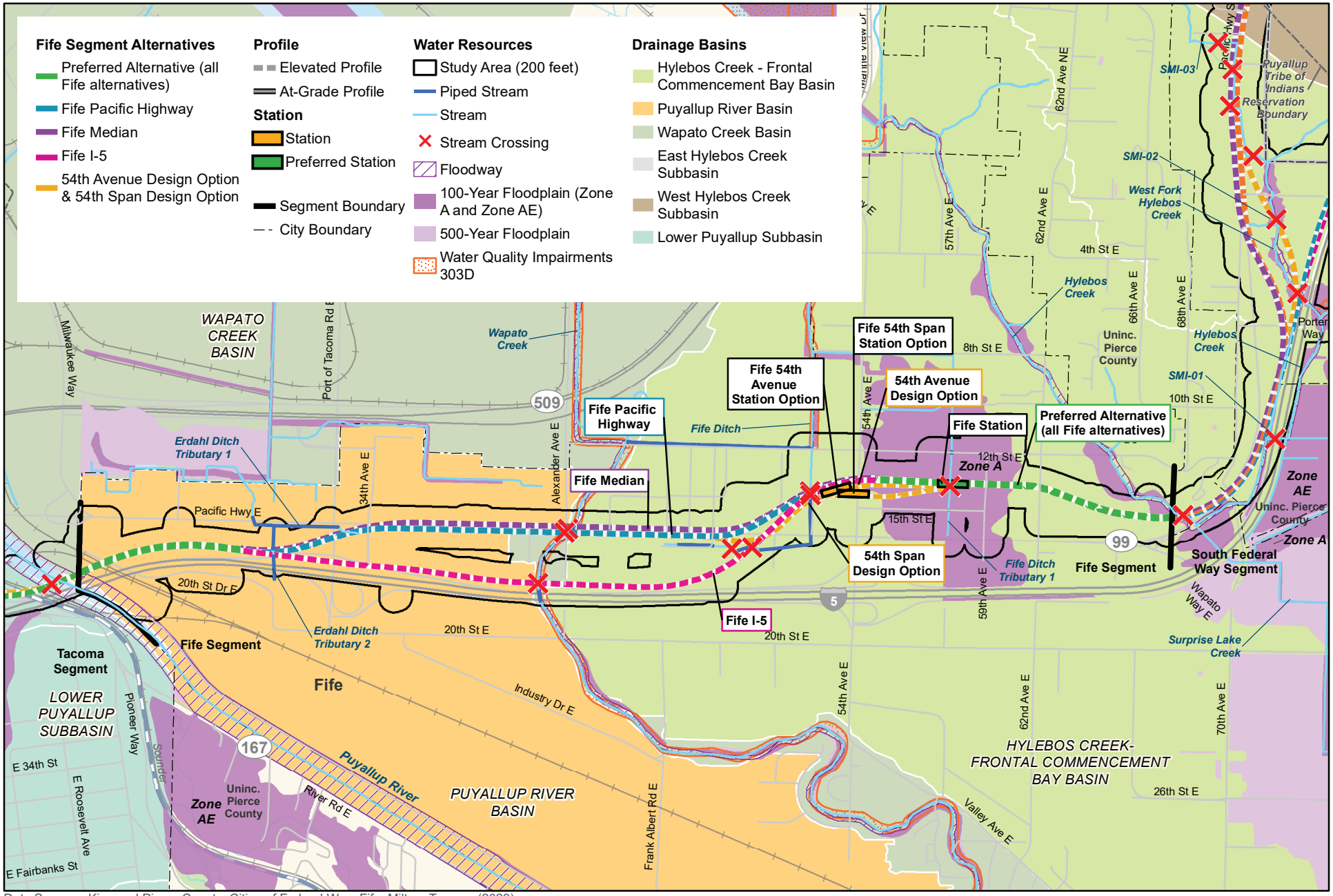

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

Note: In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain.

N

0 0.5 1 Mile

FIGURE 4.8-3

Water Resources Affected Environment Surface Water
Fife Segment

Tacoma Dome Link Extension

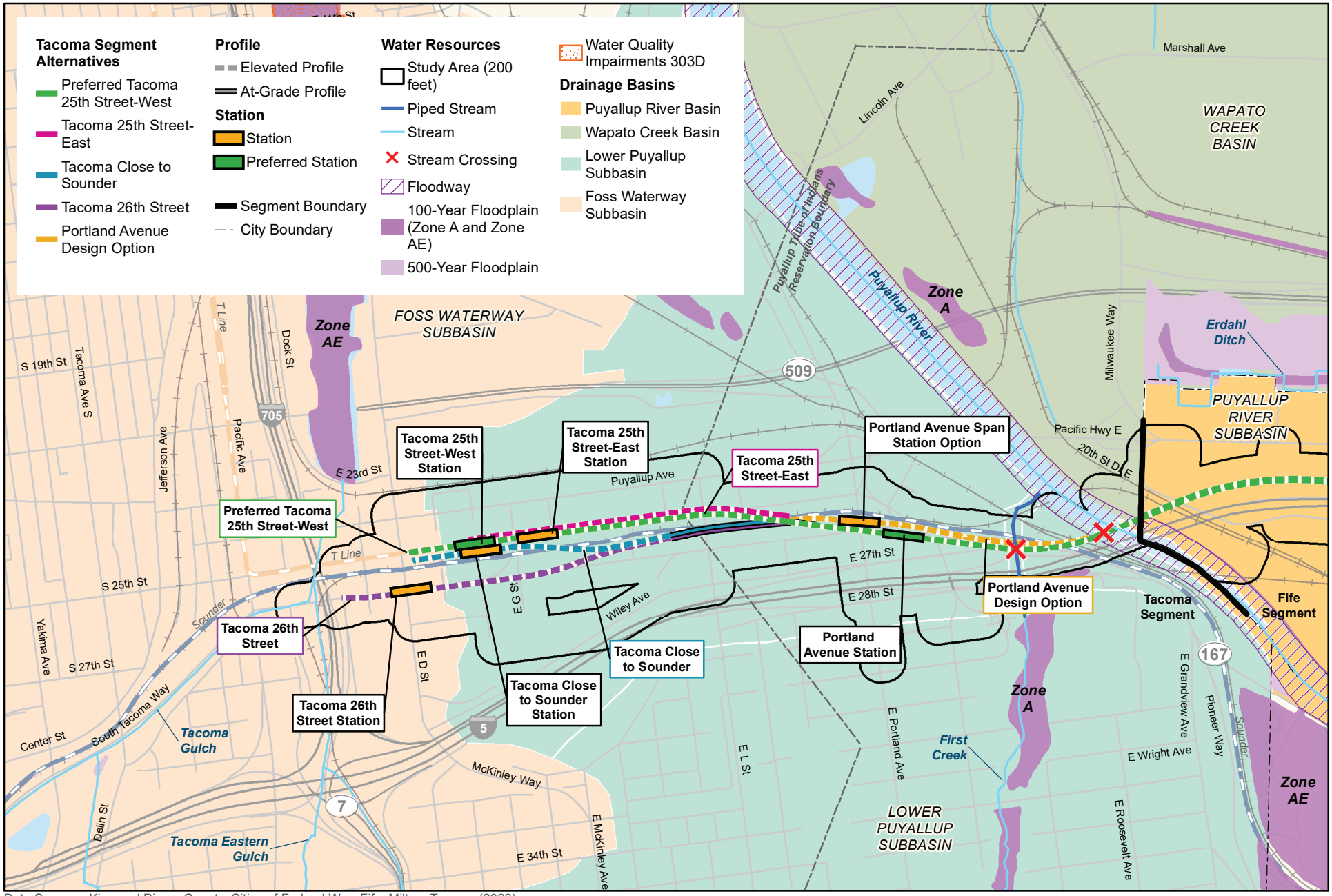

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.8-4

Water Resources Affected Environment Surface Water
Tacoma Segment

Tacoma Dome Link Extension

Table 4.8-1 Summary of Surface Water Bodies by Segment

Surface Water Body	Stream Index No.[1]	Relevant Basin	Fish-Bearing[2]	Water Quality Impairment[3]	Shoreline Class	Flood Zone[4]
Federal Way Segment						
East Fork Hylebos Creek Tributary 0016A	10.0016A	East Hylebos Creek	Potential	–	–	–
West Fork Hylebos Creek Tributary 0014C	10.0014C	West Hylebos Creek	Potential	Lead, Copper, Zinc, PAHs[5]	–	–
South Federal Way Segment						
East Fork Hylebos Creek	10.0016	East Hylebos Creek	Potential	Bacteria	–	AE
North Fork Hylebos Creek	10.0013	West Hylebos Creek	Potential	benthic macro-invertebrate bioassessment	–	-
West Fork Hylebos Creek	10.0014	West Hylebos Creek	Potential	Bacteria, Temperature, Dissolved Oxygen	–	AE
Federal Way Stream 1 (SFW-01)	–	Hylebos Creek	No	–	–	–
Federal Way Stream 2 (SFW-02)	–	Hylebos Creek	No	–	–	–
Federal Way Stream 3 (SFW-03)	–	Hylebos Creek	Potential	–	–	–
Federal Way Stream 4 (SFW-04)	–	Hylebos Creek	Potential	–	–	–
Surprise Lake Creek	10.0009	Hylebos Creek	Yes	–	–	A
Milton Stream 1 (SMI-01)	–	Hylebos Creek	Yes	–	–	A/AE[6]
Milton Stream 2 (SMI-02)	–	Hylebos Creek	Potential	–	–	A/AE[6]
Milton Stream 3 (SMI-03)	–	Hylebos Creek	No	–	–	–
Hylebos Creek	10.0006	Hylebos Creek	Yes	–	Shoreline of the State	A/AE
Fife Segment						
Hylebos Creek	10.0006	Hylebos Creek	Yes	–	Shoreline of the State	A/AE
Fife Ditch Tributary 1[7]	–	Hylebos Creek	Potential	–	–	A
Fife Ditch (SFI1)[7]	–	Hylebos Creek	Yes	Ammonia-N, Dissolved Oxygen	–	A
Wapato Creek	10.0017	Wapato Creek	Yes	Bacteria, Dissolved Oxygen, Instream Flow	–	AE
Erdahl Ditch Tributary 1 (SFI2)	–	Puyallup River	Potential	–	–	–
Erdahl Ditch Tributary 2 (SFI3)	–	Puyallup River	Potential	–	–	–

Table 4.8-1 Summary of Surface Water Bodies by Segment (continued)

Surface Water Body	Stream Index No.[1]	Relevant Basin	Fish-Bearing[2]	Water Quality Impairment[3]	Shoreline Class	Flood Zone[4]
Tacoma Segment						
Puyallup River	10.0021	Lower Puyallup River	Yes	Bacteria, Mercury, Temperature	Shoreline of Statewide Significance	AE[8]
First Creek	–	Lower Puyallup River	Yes	–	–	A
Tacoma Eastern Gulch	–	Foss Waterway	No	–	–	–

Notes:

(1) Source: WRIA identification number references provided in Ecosystems Section 4.9. Not all streams have a WRIA number.

(2) The presence of fish in a water body dictates stormwater management requirements and other regulatory obligations; therefore, the documented or expected fish presence are indicated. See Section 4.9, Ecosystems, for additional detail.

(3) Source: 2018 Washington Department of Ecology 303(d) Water Quality Impairment List. Impairments listed occur within the segment.

(4) Source: FEMA Flood Insurance Rate Maps (53033C1235G, 53033C1250G, 53053C0168E, 53053C0169E, 53053C0188E, 53053C0189E, 53053C0306E, 53053C0307E, 53053C0326E, and 53053C0327E).

(5) Polycyclic Aromatic Hydrocarbons (PAHs), including Benzo(a)pyrene and Dibenzo(a,h)anthracene.

(6) Part of the Hylebos Creek Floodplain.

(7) Flows within and discharges from the Fife Ditch stream system are controlled in part by the Pierce County Drainage District 23 pump station, which may affect flood conveyances. In addition, the City of Fife has submitted and received FEMA approval for several Letters of Map Amendment (LOMAs) for this area that recognize that portions of the land inside of the floodplain boundary are actually above the base flood elevation and therefore are not within the regulated floodplain. Locations are presented in Appendix H5, Water Resources Supporting Information.

(8) The Puyallup River's mapped floodplain and floodway are levee-constricted.

4.8.2.2 Floodplains and Floodways

Figures 4.8-1 through 4.8-4 and Table 4.8-1 identify streams in the study area that the Federal Emergency Management Agency (FEMA) has mapped within the Special Flood Hazard Area and their associated floodways, where identified (FEMA 2017a). The floodplain designations in the study area (Zone A and Zone AE) mean these locations are subject to the base flood, which has a 1 percent chance of occurring in any given year. Climate-related uncertainties, especially anticipated future sea level rise, could potentially increase the frequency and magnitude of flooding at Special Flood Hazard Area locations.

FEMA has stated that the flood hazard mapping for this area will be revised as part of the future Puyallup River levee recertification under the National Flood Insurance Program (FEMA 2017a). However, the timing of this is unknown. FEMA has designated the currently effective flood hazard data based on analysis completed in 1979 for the cities of Fife and Milton and in 1981 for the City of Tacoma (FEMA 2017b). This historical data does not reflect subsequent development or current topographic conditions. In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain. Sound Transit is also reviewing localized mapping of flood prone areas developed for the City of Fife based on 1990 and 1996 flood events (City of Fife 2003) and operational data from the Pierce County Drainage District 23 pump station, referenced in Table 4.8-1. Additional discussion of Sound Transit's floodplain data evaluation is presented in Appendix H5, Water Resources Supporting Information.

Key FEMA and U.S. DOT terms used in this section are as follows:

- Base Flood: The event with a 1 percent annual probability of occurring, commonly known as the 100-year flood.
- Special Flood Hazard Areas: Commonly known as 100-year floodplains, those areas subject to flooding by the base flood. FEMA designates several categories for these areas, including Zone A (a horizontal floodplain boundary has been mapped; but the associated vertical base flood elevation has not yet been determined and additional analysis is needed) and Zone AE (a vertical base flood elevation has been determined).
- Floodway: The main watercourse channel and adjacent lands that must be kept free of fill or development to avoid increasing flood elevations. Floodways are defined through detailed hydraulic analysis; therefore, many floodplains have not yet had their associated floodways identified.

Local governments can participate in FEMA's National Flood Insurance Program, and those that do must adopt certain standards to regulate development in the floodplain. A description of flood zone designations and applicable floodplain regulations for each jurisdiction in the study area are presented in Appendix H5, Water Resources Supporting Information.

4.8.2.3 Shorelines

Due to the river's flow characteristics, the State of Washington has designated the Puyallup River as a shoreline of statewide significance. As such, it is protected by the State of Washington Shoreline Management Act, where uses and shoreline activities are regulated. In the study area, the Cities of Fife and Milton, as well as Pierce County, also designate Hylebos Creek as a regulated shoreline.

Federal Way Segment

There are no designated shorelines in the Federal Way Segment (City of Federal Way 2014).

South Federal Way Segment

The mainstem of Hylebos Creek is a designated shoreline of the state in the South Federal Way Segment starting near the confluence of the East and West Fork Hylebos Creeks near Porter Way (City of Fife 2019b; City of Milton 2020) and is located within the jurisdictions of Milton, Fife, and unincorporated Pierce County. Hylebos Creek shorelines are designated as Urban Conservancy by the City of Milton (City of Milton 2020); Shoreline Residential with developed highways (like Pacific Highway/SR 99) as High Intensity by Pierce County (Pierce County 2018); and Residential and Urban Shoreline with identified sensitive areas by City of Fife. The City of Fife designates light rail and transit facilities as a permitted use within those shoreline areas subject to certain regulations (City of Fife 2019b).

Fife Segment

The mainstem of Hylebos Creek is a designated shoreline of the state in the Fife Segment and is classified as Residential and Urban Shoreline with identified sensitive areas. The City of Fife designates light rail and transit facilities as a permitted use within those shoreline areas subject to certain regulations (City of Fife 2019b). In the jurisdiction of Fife, the Puyallup River eastern shoreline is designated as Levee Shoreline. The Puyallup Tribe of Indians maintains fishing rights and retains jurisdiction within the Puyallup River itself, up to the OHWM.

Tacoma Segment

In addition to the Shoreline of Statewide Significance designation from the State of Washington, the City of Tacoma designates the Puyallup River shoreline zone as an Urban Conservancy environment, which is intended to protect and restore the public benefits and ecological functions of open spaces, natural areas, restoration sites, and other sensitive lands that are able to tolerate limited or carefully planned development or resource use.

4.8.2.4 Groundwater

Groundwater levels vary considerably throughout the project corridor, including areas underlain by glacial till through which water may infiltrate slowly and result in surface ponding of perched groundwater during periods of heavy rain. During the drier summer months, groundwater makes a critical contribution to stream baseflows and in recharging the aquifers in the study area. Figure 4.8-5 identifies aquifer recharge areas and wellhead protection areas for the study area. Additional details regarding groundwater are included in Appendix H5, Water Resources Supporting Information.

Federal Way Segment

The study area for this segment does not cross into wellhead protection areas. Refer to the South Federal Way Segment for details on groundwater protection in the City of Federal Way.

South Federal Way Segment

The City of Federal Way relies on groundwater as a source of drinking water. The Lakehaven Utility District manages the three main aquifer systems that underlie the city — the Redondo-Milton Channel Aquifer, the Intermediate Aquifer System (Mirror Lake and Eastland Upland aquifers), and the Deep Aquifer — in cooperation with the city. Together they have mapped wellhead protection zones and identified areas susceptible to contamination. To protect the drinking water supply, they have implemented both the State of Washington's Wellhead Protection Program and Section 1428 of the 1986 Amendments to the Federal Safe Drinking Water Act (City of Federal Way 2015). The study area for this segment contains areas of 10-year to 1-year time of travel for groundwater.

Fife Segment

The City of Fife has mapped and identified areas that have a high potential for contamination of groundwater resources (City of Fife 2019c). Due to the exceptional vulnerability and susceptibility of the aquifer recharge areas to further contamination, the City of Fife has controlled or prohibited land use activities, including the processing or handling of hazardous substances and waste pollutants, which could introduce pollution hazards within delineated aquifer recharge areas.

Tacoma Segment

The City of Tacoma sits atop the South Tacoma Aquifer, which supplies up to 40 percent of Tacoma's drinking water. Tacoma's groundwater supply is managed by the South Tacoma Groundwater Protection District (Tacoma-Pierce County Health Department 2019). The overlay zoning district designates aquifer recharge areas, as well as fixed-radius wellhead protection areas, to regulate the expected groundwater travel distances and times associated with municipal wells. Artesian conditions, which produce groundwater that flows upward due to pressure differences, have been encountered in this area (WA Department of Conservation 1961; Shannon & Wilson 2014).

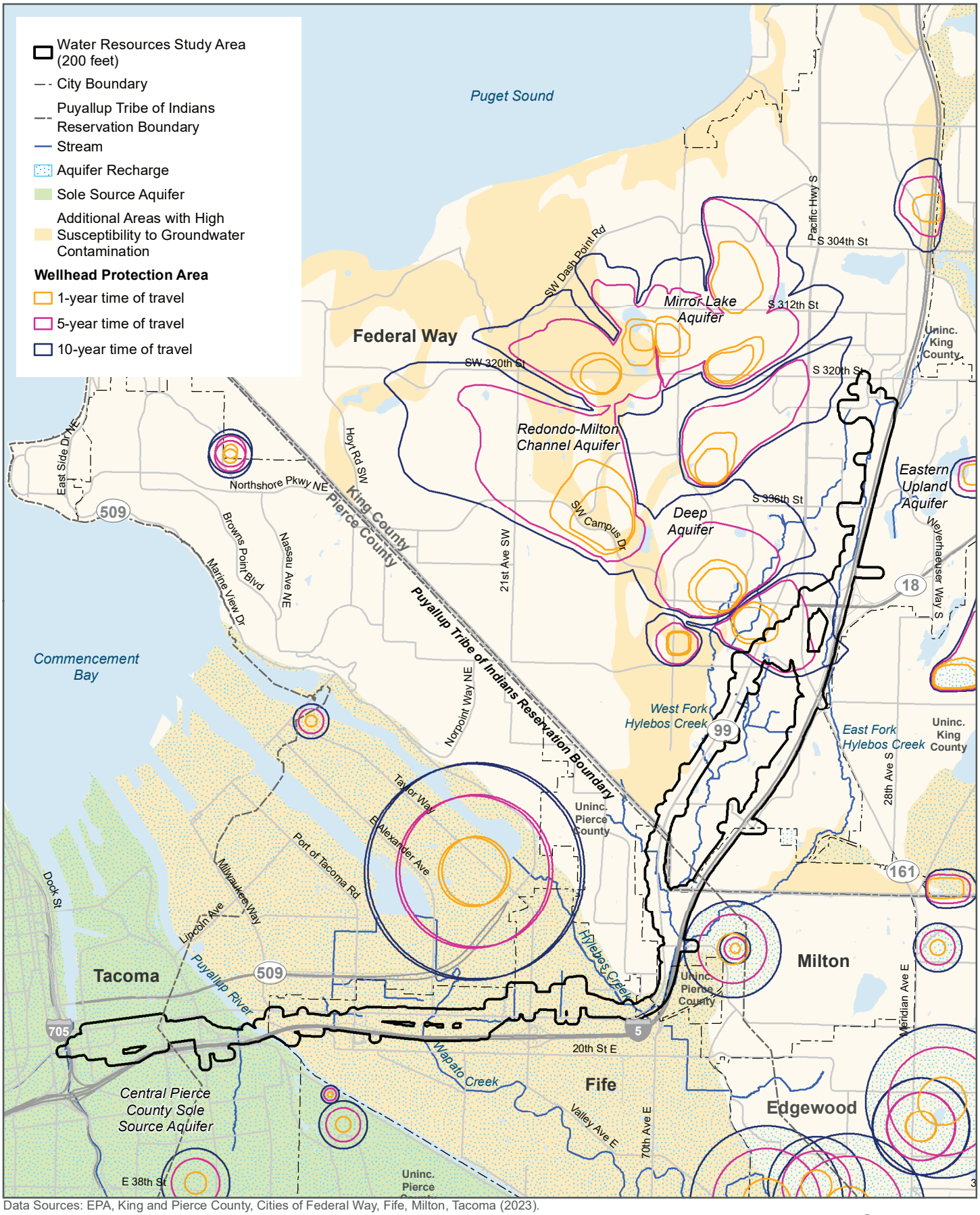

Data Sources: EPA, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 4.8-5
Water Resources Affected Environment - Groundwater
Tacoma Dome Link Extension

The study area in the Tacoma Segment includes the EPA-designated Central Pierce County Sole Source Aquifer. A sole source aquifer is an aquifer that supplies at least 50 percent of the drinking water for its service area and is located where no reasonably available alternative drinking water sources exist if the aquifer becomes contaminated (EPA 2019). As discussed in Section 4.12, Hazardous Materials, the area above the aquifer contains contaminants that pose exposure risks.

4.8.2.5 Stormwater Runoff

The land and soil that stormwater runoff travels across influence the water quality and hydraulics in the surface waters and groundwater that it flows into. Factors influencing stormwater runoff in the study area are discussed below. More details regarding these factors are presented in Appendix H5, Water Resources Supporting Information.

- Soil Types: The most common soil group present in the study area is Type C, which are dense soils that have low-infiltration and high-runoff potential. Soil Types A and B are also present along the corridor and have moderate- to high-infiltration potential and moderate- to low-runoff potential, respectively (USDA NRCS 2007).
- Land Uses: Land uses in the study area are a mixture of residential, commercial, light industrial, and vegetated areas. The impervious surfaces in the study area are a mix of pollution-generating roadway and parking areas and non-pollution-generating surfaces, including roofs, sidewalks, and stormwater ponds (considered impervious during rain events, when filled with water). Land in the Federal Way and South Federal Way segments is urbanized, with approximately 50 percent impervious surface cover and a mix of residential, commercial, industrial, and recreational land uses. The Fife Segment is approximately 60 percent impervious surface cover, with a mix of residential, commercial, industrial, and agricultural land use types. The Tacoma Segment has approximately 80 percent impervious surface cover, which is highly urbanized, with a mix of developed lands, including commercial, industrial, and Tribal uses. In addition, the SR 167 Completion Project is expected to convert some agricultural lands to impervious roadway in the South Federal Way and Fife segments. Construction of the SR 167 Completion Project is in progress: Phase 1a was completed in 2021, and Phase 1b has been underway since summer 2022.
- Stormwater Management: In the study area, most of the surface stormwater is collected by piped municipal systems along all three segments of the corridor. The systems in the study area include features such as stormwater pipes and roadside ditches, media filter drains, regional detention ponds, and vaults. Stormwater drainage systems are discussed in Section 4.15, Utilities.

4.8.2.6 Sea Level Rise

The water resources impact analysis considers projected climate change influences, such as sea level rise. Relative sea level in the study area is forecasted to rise by approximately 3 feet higher than current elevations by 2140, based on average estimates available at the time of preparing this Draft EIS (WCHRN 2018, 2024). Areas at risk of inundation have been mapped by the National Oceanic and Atmospheric Administration and are shown in Figure 4.8-6 (NOAA 2023). Sea level rise could be considerably higher, depending on greater GHG emissions or other factors. Background information regarding the relative sea level rise forecast used for the study area is presented in Appendix H5, Water Resources Supporting Information.

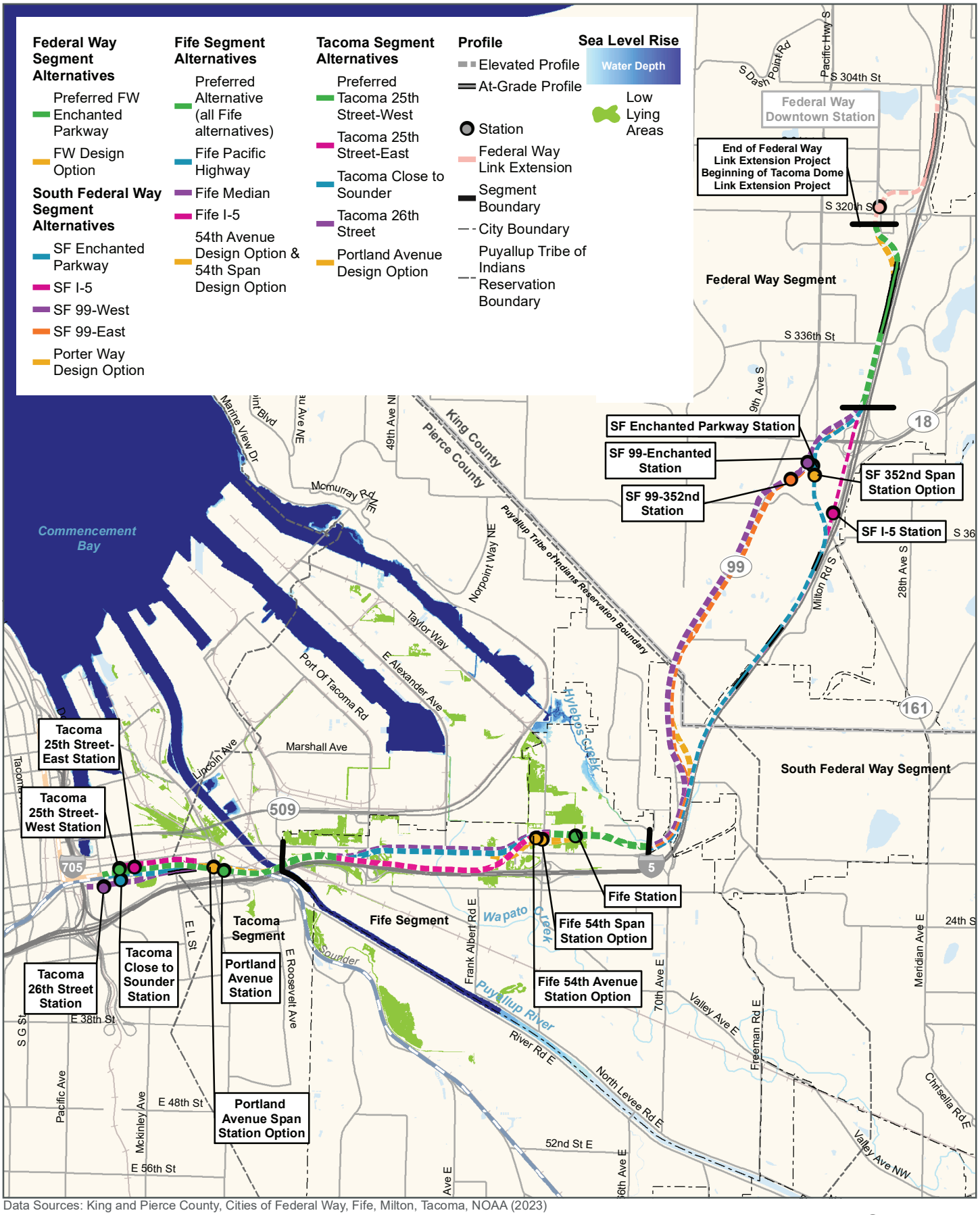

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, NOAA (2023)

FIGURE 4.8-6
Relative Sea Level Rise

N

0 1 2 Miles

Tacoma Dome Link Extension

Sound Transit is also developing a Climate Change Vulnerability Assessment to further evaluate risks to the project from sea level rise. In addition, the City of Fife is also evaluating climate change and sea level rise within its jurisdiction and has plans to conduct a climate change vulnerability assessment to guide the city's update of the comprehensive plan and shoreline regulations.

4.8.3 Environmental Impacts

This section discusses the direct long-term operational and short-term construction impacts from the project alternatives to the water resources in the study area.

4.8.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Changes to water resources from other planned projects in the study area would occur. However, under the No-Build Alternative, light rail would not be extended to Tacoma and the associated project changes within the study area would be avoided. As a result, there would be no direct impacts from TDLE to water resources.

4.8.3.2 Long-Term Impacts for the Build Alternatives

Impacts Common to All Light Rail Alternatives

The preferred alternative and the other light rail alternatives have similar structural design components, operational activities, and general alignment locations. As a result of these similarities, they have the following common potential impacts to water resources:

- Increases in impervious surfaces: Converting vegetation or other pervious surface to hard surfaces, like new concrete portions of light rail track, stormwater ponds [considered impervious during rain events, when filled with water], parking areas, building roofs, or project road improvements, impacts water resources. Increased amounts of impervious surfaces increase runoff volumes, decrease groundwater recharge, increase flooding and flow frequencies, and stream bank erosion and sedimentation. Runoff from pollution-generating impervious surfaces that are subject to vehicle use, like parking areas, bus holding areas, or project-associated roads or road realignments, can potentially contaminate surface waters and groundwater. Non-pollution-generating impervious surfaces are not subject to vehicular use and include the light rail tracks, concrete portions of the light rail tracks,[1] stations, sidewalks, rooftops, and stormwater ponds. The Preferred Alternative and other light rail alternatives would add both pollution-generating and non-pollution-generating impervious surfaces in the study area and the vicinity of the light rail alternatives. Several alternatives include options for parking garages, which typically reduce the amount of pollution-generating impervious surface as compared with surface lots.

[1] Sound Transit and the Washington State Department of Ecology entered a Memorandum of Understanding dated December 9, 2019, in which Sound Transit agreed to conduct a study to characterize the quality of the stormwater discharged from light rail guideway. The data and analysis from the study will be used to inform the design of light rail projects that are scheduled in the Sound Transit 3 Plan to be completed between 2030 and 2041, and as necessary, Sound Transit will identify all known, available, and reasonable methods of prevention, control, and treatment (abbreviated as AKART) to define light-rail specific best management practices.

- Use of at-grade versus elevated structures: At-grade sections typically have a greater impact to surface water and groundwater resources than elevated sections of the guideway structures because they tend to have a slightly wider footprint, result in more impervious surface, have greater potential to directly conflict with municipal stormwater management facilities, may impact groundwater recharge, and require more alteration of surface grade areas and flow paths.
- Stream and river crossings: All project stream and river crossings would be elevated, but development in and around the streams can impact them through changes to their cross-section geometry, channel flows and other hydraulic properties, increased erosion, and higher risk of pollutant contamination. Table 4.8-2 summarizes these impacts.
- Floodplain and floodway crossings: Light rail projects that cross floodplains, even when elevated, must often place guideway columns within the floodplain. The columns, abutments, or other fill for proposed stations or other constructed features can reduce floodplain water storage volume and affect the hydraulics of the floodplain, which can result in displacement of floodwaters to properties upstream and adjacent to the project.

Impacts by Segment

The potential impacts on surface water resources are summarized by segment in Tables 4.8-2 and 4.8-3. The analysis that supports the comparison of alternatives and associated impacts is presented in Appendix H5, Water Resources Supporting Information.

Federal Way Segment

In the Federal Way Segment, the Preferred FW Enchanted Parkway Alternative is expected to have similar impacts on water resources with or without the FW Design Option.

The Preferred FW Enchanted Parkway Alternative (with or without the FW Design Option) parallels the East Fork Hylebos Creek Tributary 0016A, from near S 336th Street to near S 344th Street, for about 0.5 mile on an elevated guideway. Spanning the creek in this area would not be possible, and the stream would have to be relocated. The stream channel in this area would be reconfigured to include more natural features, such as meanders. Changing the physical characteristics of a stream could, however, affect its hydrology and downstream sediment regimes. The impacts would be permanent, but the new channel would be designed to maintain existing flow regimes and water quality conditions. Background on the habitat improvements included in the stream reconfiguration is discussed in Section 4.9, Ecosystems.

South Federal Way Segment

In the South Federal Way Segment, the SF Enchanted Parkway Alternative is generally expected to have less impact on water resources than the SF I-5, SF 99-West, or SF 99-East alternatives, based on total impervious surface increase, pollution-generating impervious surface increase, stream-crossings, and associated parking options (Tables 4.8-2 and 4.8-3).

South of S 344th Street, the SF I-5 Alternative would continue parallel to the East Fork Hylebos Creek Tributary 0016A for 0.6 mile. This alternative would also likely require the relocation of approximately 1,500 additional feet of the stream where it is parallel to the guideway south of the I-5/SR 18 interchange. The SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives would be located west of this area and avoid these impacts.

Table 4.8-2 Surface Water: Comparison of Alternatives by Segment

Segment/ Alternative	Total Impervious Increase	Parking Structure Option[1]	At-Grade Portions[2]	Total Stream and Buffer Impact (acres)[3,4]	Total Permanent Overwater Structure Area (acres)[3,5]
Federal Way Segment[6]					
Preferred FW Enchanted Parkway	11 acres	None	About 0.6 mile (39% of segment)	2.60	0.29
FW Enchanted Parkway with FW Design Option	13 acres	None	About 0.7 mile (28% of segment)	3.16	0.31
South Federal Way Segment					
SF Enchanted Parkway	26 acres	Surface lot would have 2x more surface area than structure	About 0.5 mile (13% of segment)	3.04	0.09
SF I-5	34 acres	Surface lot would have 5x more surface area than structure	About 0.4 mile (10% of segment)	6.28	0.35
SF 99-West	29 acres	Surface lot would have 2x more surface area than structure	Segment entirely elevated	4.06	0.08
SF 99-West with Porter Way Design Option	27 acres	Surface lot would have 2x more surface area than structure	Segment entirely elevated	5.14	0.19
SF 99-East	33 acres	Surface lot would have 2x more surface area than structure	Segment entirely elevated	4.60	0.07
SF 99-East with Porter Way Design Option	32 acres	Surface lot would have 2x more surface area than structure	Segment entirely elevated	5.57	0.18
Fife Segment					
Fife Pacific Highway/ Fife Median[7]	15 acres	Surface lot would have 2.5x more surface area than structure	Segment entirely elevated	2.12	0.28
Fife Pacific Highway/ Median with 54th Avenue Design Option	14 acres	Surface lot would have 2.5x more surface area than structure	Segment entirely elevated	2.20	0.34
Fife Pacific Highway/Median with 54th Span Design Option	14 acres	Surface lot would have 2.5x more surface area than structure	Segment entirely elevated	2.16	0.35
Fife I-5[7]	17 acres	Surface lot would have 2.5x more surface area than structure	Segment entirely elevated	1.98	0.29
Fife I-5 with 54th Avenue Design Option	15 acres	Surface lot would have 2.5x more surface area than structure	Segment entirely elevated	2.05	0.34
Fife I-5 with 54th Span Design Option	15 acres	Surface lot would have 2.5x more surface area than structure	Segment entirely elevated	2.00	0.35

Table 4.8-2 Surface Water: Comparison of Alternatives by Segment (continued)

Segment/ Alternative	Total Impervious Increase	Parking Structure Option[1]	At-Grade Portions[2]	Total Stream and Buffer Impact (acres)[3,4]	Total Permanent Overwater Structure Area (acres)[3,5]
Tacoma Segment[8]					
Preferred Tacoma 25th Street-West	4 acres	None	Segment entirely elevated	0.76	0.39
Tacoma 25th Street-East	3 acres	None	Segment entirely elevated	0.76	0.39
Tacoma Close to Sounder	4 acres	None	About 0.3 mile (20% of segment)	0.76	0.39
Tacoma 26th Street	5 acres	None	About 0.3 mile (20% of segment)	0.76	0.39

Sources: Comparative analysis performed using project design files in a geographic information system (GIS).
Notes:

(1) Parking Structure Option indicates how many times larger a parking surface lot would be compared to a parking garage structure. Surface parking areas are included in the Total Impervious Increase calculations. Parking facilities at the South Federal Way and Fife station areas would provide 500 parking spaces (refers only to station parking facilities that would be constructed by the project.)

(2) At-grade mileage includes retained cut/fill mileage.

(3) Impact Footprints and Permanent Overwater Structure Areas are estimated to the nearest 0.01 acre. These totals are a sum of all water crossings in each segment, which can be seen in detail in Appendix H5, Water Resources Supporting Information.

(4) Total Stream Impact Footprint includes associated applicable jurisdictional stream buffer; stream buffers were field-delineated from OHWM or estimated/extrapolated based on similar delineated stream when field observations not available.

(5) Permanent Overwater Structure Area includes overwater channel width. In-river pier option analyzed separately. Overall, the highest impacts could be expected from placement of in-water piers despite their small over water footprint.

(6) Both options are considered in combination with both alignment alternatives. Values are presented as additive to chosen alternative.

(7) Includes preferred Fife Station.

(8) All Tacoma alternatives include the Portland Avenue Station in their calculations.

Table 4.8-3 Estimated Changes in Impervious Surface

Project Segment/ Alternative[1]	Existing Impervious			Impervious After Project			
	PGIS[2] (acres)	NPGIS[3] (acres)	Total (acres)	PGIS[2,4] (acres)	NPGIS[3] (acres)	Total (acres)	Total Change (acres)
Federal Way Segment							
Preferred FW Enchanted Parkway	3	2	5	8	8	16	+11
FW Enchanted Parkway with FW Design Option	3	3	6	11	8	19	+13
South Federal Way Segment							
SF Enchanted Parkway	17	2	19	24	21	45	+26
SF I-5	14	2	16	29	21	50	+34
SF 99-West	18	3	21	29	21	50	+29
SF 99-West with Porter Way Design Option	17	1	18	25	21	46	+28
SF 99-East	18	3	21	33	21	54	+33
SF 99-East with Porter Way Design Option	16	2	18	30	21	51	+33

Table 4.8-3 Estimated Changes in Impervious Surface (continued)

Project Segment/ Alternative[1]	Existing Impervious			Impervious After Project			
	PGIS[2] (acres)	NPGIS[3] (acres)	Total (acres)	PGIS[2,4] (acres)	NPGIS[3] (acres)	Total (acres)	Total Change (acres)
Fife Segment							
Fife Pacific Highway/Median[5]	19	3	21	21	16	37	+16
Fife Pacific Highway/Median 54th Avenue Design Option	22	4	26	25	15	40	+14
Fife Pacific Highway/Median 54th Span Design Option	23	5	28	27	15	42	+14
Fife I-5[5]	13	2	15	16	16	32	+17
Fife I-5 54th Avenue Design Option	14	3	17	17	15	32	+15
Fife I-5 54th Span Design Option	15	4	19	19	15	35	+16
Tacoma Segment							
Preferred Tacoma 25th Street-East	14	3	17	14	7	21	+3
Tacoma 25th Street-West	15	2	17	14	7	21	+4
Tacoma 26th Street	13	2	15	12	9	21	+6
Tacoma Close to Sounder	11	3	14	12	7	19	+5

Sources: Existing land cover: Analysis developed from project survey data and aerial imagery using GIS.
Proposed land cover: Analysis developed from project design files using GIS.

Notes:
(1) Previous versions included all land cover in a 200-foot study area around project elements. The analysis for this version has been revised to cover only the permanent impact footprint.
(2) PGIS (pollution-generating impervious surface): includes parking, bus areas, and roads. For conservative impact evaluation, all impervious surfaces inside the footprint and not associated with the tracks are assumed to be PGIS. Parking areas are assumed to be surface lots rather than garage structures. Also, Sound Transit and the Washington State Department of Ecology have entered into a Memorandum of Understanding dated December 9, 2019, in which Sound Transit agreed to conduct a study to characterize the quality of the stormwater discharged from light rail guideway. The data and analysis from the study will be used to inform the design of light rail projects that are scheduled in the Sound Transit 3 Plan to be completed between 2030 and 2041, and as necessary Sound Transit will identify all known, available, and reasonable methods of prevention, control, and treatment (abbreviated as AKART) to define light-rail specific best management practices.
(3) NPGIS (non-pollution-generating impervious surface): includes light rail tracks, guideways, and stations, sidewalks, and rooftops.
(4) Stormwater ponds were included in previous versions as NPGIS but are removed from this analysis (assumed to be PGIS).
(5) Includes preferred Fife Station.

The SF 99-West and SF 99-East alternatives would have stream crossings of West Fork Hylebos Creek and its associated tributaries just north of S 373rd Street that would be avoided by the SF I-5 and SF Enchanted Parkway alternatives. The SF 99-West and SF-East alternatives with the Porter Way Design Option would have two additional crossings of the West Fork Hylebos Creek system. The SF Enchanted Parkway Alternative would have the smallest area of stream crossing impact.

A section of the proposed light rail associated with all alternatives in this segment would run parallel and adjacent to Hylebos Creek just downstream of the confluence of the West and East Forks through the City of Milton and within unincorporated Pierce County. The guideway would require removal of vegetation within these riparian buffers and shoreline jurisdictions; however, Sound Transit has committed to minimizing impacts on surface water resources, and no piers or columns would be placed within the OHWMs of West Fork Hylebos or Hylebos Creek. The analysis of impacts on streams and stream buffers, including areas within the shoreline jurisdiction, is discussed in Section 4.9, Ecosystems.

The alternatives in the South Federal Way Segment would cross the Eastern Upland and Redondo/Milton Channel Aquifers and one of the associated wellhead capture zones. The SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives would cross wellhead protection areas. There are no sole source aquifers located in the study area for this segment. Activities that would be included in the project, such as clearing, grading, or altering the natural conveyance of surface overland flows, all have the potential to impact groundwater resources by decreasing recharge rates and increasing the possibility of contamination.

Fife Segment

Water Resource Impacts

In the Fife Segment, the long-term impacts on water resources from all alternatives would generally be similar (Tables 4.8-2 and 4.8-3). However, the alternatives with the preferred Fife Station would have potential long-term impacts to the Fife Ditch Tributary 1, which would need to be relocated or piped.

The alternatives in the Fife Segment would not cross any wellhead protection areas; however, Pierce County has classified this area and most of the City of Fife as highly susceptible to groundwater contamination (City of Fife 2016). The entire Fife Segment, from the crossing of the mainstem of Hylebos Creek to the Puyallup River levee, has high potential for contamination of groundwater, so all alternatives would be anticipated to have similar impacts to groundwater resources. There are no sole source aquifers located in the study area for the Fife Segment, as designated by the EPA. Additional details regarding Fife groundwater protections are included in Appendix H5, Water Resources Supporting Information.

Floodplain Impacts

Floodplain impacts would potentially occur in the Fife Segment. In addition to guideway crossings of floodplains shown in Figure 4.8-3, the preferred Fife Station would be located within the Fife Ditch Tributary 1 regulatory 100-year floodplain boundary (FEMA 2017a). Sound Transit would place fill within the floodplain to build the guideway, station, and parking facilities. The Fife 54th Avenue Station Option and the Fife 54th Span Station Option would each be located outside and to the west of the FEMA effective mapped floodplain boundary.

The City of Fife Municipal Code (FMC) 17.09.030 regulates floodplains based on currently effective FEMA flood hazard mapping. FMC 15.40.030 designates a zero-rise standard for all permitted development in a regulated floodplain, and compensatory storage is required to replace equal live storage volume connected to the floodplain for any floodplain storage filled by development. However, as previously noted, the FEMA floodplain boundary is based on historical 1979 mapping and does not reflect subsequent development and current topographic conditions. Currently, as a Zone A designation, FEMA has not identified a base flood elevation for this floodplain. Because the elevations of the Fife 54th Avenue Station Option and the Fife 54th Span Station Option are similar to the preferred Fife Station, the future flood risk is likely similar for the preferred Fife Station and station options.

Sound Transit is working with the City of Fife to determine the extent of the potential flood inundation areas and understand both the regulatory requirements for floodplain development and flood risks. Base flood elevations, fill volumes, and potential loss of flood storage would be determined during future phases of the project as additional information is collected and the station design progresses. Additional details regarding regulatory requirements and the flood risk assessment are presented in Appendix H5, Water Resources Supporting Information.

The preferred Fife Station and the station options would include either a parking structure or a surface lot, either of which would provide 500 parking spaces. Potential flooding could interrupt access to the preferred Fife Station or the station options by light rail users during high-flow events when all or some of the station access points could be under water. The access points would be graded to align with existing streets, so it is expected that access to the station would be interrupted during events that would flood 12th Street E and Pacific Highway. However, during such flood events, light rail services would be able to continue to travel across the floodplain without stopping at the station in Fife.

Tacoma Segment

Water Resource Impacts

For all alternatives in the Tacoma Segment, the guideway would cross the Puyallup River with a new bridge, either with a pier-supported bridge that includes piers in the main channel of the river or a long-span bridge that would span the river. The guideway would cross First Creek to the west of the Puyallup River. TDLE would not cross the streambed of the Tacoma Gulch, but stormwater runoff from the Tacoma Segment could potentially impact the stream. The long-term impacts on water resources in this segment from all alternatives would generally be similar, with the Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives each expected to have slightly less impact than the Tacoma Close to Sounder and Tacoma 26th Street alternatives based on impervious surface increases, pollution-generating impervious surface decreases, and proportion of elevated segments (Tables 4.8-2 and 4.8-3).

For the Puyallup River, a designated shoreline of statewide significance, areas within the shoreline jurisdiction above the OHWM outside of Tribally owned property are regulated by the cities of Tacoma and Fife. Work within the OHWM of the river or on Tribally owned property is within the jurisdiction of the Puyallup Tribe of Indians. The Washington Department of Fish and Wildlife and Ecology, the Puyallup Tribe of Indians, and other resource agencies would be consulted for development proposals within the study area that could affect anadromous fishery resources. A detailed discussion of impacts that could affect fish and wildlife is provided in Section 4.9, Ecosystems. Long-term impacts to water resources at the Puyallup River crossing include bridge abutments on the riverbank or new support piers within the water, depending upon design option. These structures have the potential to affect scour, deposition, and infiltration patterns.

The Tacoma Segment would not cross any wellhead protection areas designated by the South Tacoma Groundwater Protection District. The study area west of the Puyallup River is designated as the Central Pierce County Sole Source Aquifer, which would be crossed by all four alternatives, making all alternatives subject to EPA review. Drilling in commercially or industrially developed areas like the study area carries the risk of encountering unexpected soil and groundwater conditions. There are four known high-risk sites with potential to generate contaminated soils or groundwater in the Tacoma Segment that are identified in Section 4.12, Hazardous Materials.

Where TDLE would cross the sole source aquifer, the project has the potential to disturb layers of contaminated soil and introduce migration pathways for pollutants into the aquifer as a result of pile driving or placement of support structures. Stormwater runoff from normal light rail operation on guideway structures and trackway has a low risk of carrying additional pollutants to the aquifer because these surfaces are classified as non-pollution generating (see footnote in Section 4.8.3.2). Also, the presence of artesian groundwater conditions has the potential to reduce the downward migration of contaminants along the outer boundaries of structures drilled into the soil by creating pressurized counterflow from the aquifer along the pathways. Due to the

industrial legacy in the Tacoma Segment and the close proximity of the proposed alternatives, no notable difference in impact can be identified between the four alternatives. All alternatives would construct comparable numbers of columns in the Tacoma Segment and are expected to have comparable impacts.

For all alternatives, an optional Portland Avenue bike and pedestrian bridge is also being considered that would connect the Portland Avenue Station or the Portland Avenue Span Station Option to the neighborhoods and Puyallup Tribe of Indians facilities on the south side of I-5. It would be above existing roadways, sidewalks, and developed areas, and would be non-pollution generating. This optional bridge is not expected to result in changes in runoff.

Floodplain/Floodway Impacts

Evaluation of hydraulic impacts to the Puyallup River's floodplain, floodway, and existing scour/deposition patterns is based on proposed encroachments and pier configurations for in-river piers. The reduction of conveyance capacity by new structural elements (piers, columns, footings, etc.) in the channel would potentially increase the base flood elevation and the floodplain footprint. Placement of a structure in the channel and the alignment angle to the flow of those structures would result in a decrease to the channel conveyance area that could also increase the potential risk of scour. In addition, increases in the footing lengths could result in increases to both scour lengths and scour depths at pier elements. If left uncontrolled, long-term increases in scour can impact sediment transport patterns in the river and present structural risks to the bridge itself. However, the bridge piers would be designed to withstand scour and prevent bridge instability.

The TDLE project includes two bridge design options: 1) a long-span bridge option that would clear span the approximately 430-foot mapped floodplain and floodway of the Puyallup River and 2) a pier-supported bridge option that has a shorter span and would place piers in the main channel of the river. The long-span bridge option would be expected to minimize impacts on the floodplain and floodway, while the pier-supported bridge option would be expected to have more impacts on the floodplain and mapped floodway and river channel as compared to the long-span option.

4.8.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Light Rail Alternatives

All light rail alternatives would have similar potential types of construction-related impacts on water resources because construction equipment and techniques would be similar. However, the magnitudes of construction-related impacts could vary for each alternative, because work segments with larger overland construction (including more at-grade portions) or larger overwater construction would have more disturbed ground area (see Table 4.8-2), with more areas requiring BMPs to protect sensitive areas. The activities that could affect water resources include:

- Earthwork, trench work, stockpiling, and material transport: Soil exposed in sloped excavations, fills, or trench work is especially susceptible to local erosion until vegetation is established, pavement is installed, or the surface is otherwise permanently stabilized. If exposed soil becomes dry, it can be eroded by wind. Loose soil can be carried off site by water or wind to stormwater drains or streams, where it increases turbidity in the water. Construction vehicle tires can carry soil onto roadways, where the soil could be carried into ditches or streams during storms.

- Concrete work and paving: The pH in surface water can be increased to levels harmful to fish and wildlife if runoff or surface water comes in contact with process water or slurry from concrete work or curing concrete.
- Construction machinery: Equipment leaks or spills of hydrocarbons and other hazardous materials can affect water quality in nearby water resources and have a secondary impact on other parameters, such as pH levels or dissolved oxygen.
- Stream and river crossings: Overwater and in-water work and construction in streams, rivers, and their associated buffers can pose a direct risk to water quality through pollutant spills, sediment transport, stream bank erosion or wind deposition of stockpiled materials. During in-water construction work, installation of pilings and use of cofferdams disturbs the substrate and vegetation and would increase the risk of scour. This has the potential to mobilize any contaminated sediments that may be present at the project site and contribute to turbidity and sedimentation. In addition, in-water work could result in permanent loss of aquatic and riparian vegetation and woody debris, which could impact water quality. Work along the banks of streams and rivers can increase bank erosion and the risk for uncontained spills.
- Construction in floodplains: Temporary fill material or construction stockpiles placed in a floodplain during construction can displace flood waters onto adjacent property if a flood event occurs during the construction period.

Federal Way Segment

The construction-related impacts of the alternative and design option in the Federal Way Segment would be similar, with guideway location differing only at the northern end near S 324th Street.

South Federal Way Segment

As previously described, longer overwater segments can pose more risk of contamination, sedimentation, and scour during construction. The SF I-5 Alternative would parallel East Fork Hylebos Creek Tributary 0016A for the longest overwater segment, requiring 1,500 feet of additional stream relocation as compared to all the other alternatives. Stream relocation may be required for overwater segments of the SF 99-West and SF 99-East alternatives with or without the Porter Way Design Option. Construction impacts for overwater crossings of West Fork Hylebos Creek and Hylebos Creek at the southern extent of the South Federal Way Segment would be identical for all the alternatives and the design options.

TDLE parking facilities would be constructed on properties that are acquired for construction staging and station areas, but construction of parking facilities at a station in South Federal Way may be deferred for up to 3 years after light rail service begins. If parking were to be allowed on surface lots prior to full project construction, temporary storm water management would likely be required.

Fife Segment

The Fife I-5 Alternative, with any of the three station locations, would have a larger overall construction area than the Fife Pacific Highway and Fife Median alternatives. Also, TDLE parking facilities would be constructed on properties that would be acquired for construction staging and station areas, but, pursuant to the Board's realignment plan, construction of permanent parking facilities in the Fife Segment may be deferred for up to 3 years after light rail service begins. If parking were to be allowed on surface lots prior to full project construction, temporary stormwater management would likely be required.

Tacoma Segment

In the Tacoma Segment, the Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives would have slightly smaller overland construction areas than the Tacoma Close to Sounder and Tacoma 26th Street alternatives.

The pier-supported bridge option involving construction of piers in the Puyallup River would have greater potential for in-water impacts than the long-span option. For either bridge type, temporary impacts and modifications to the levees along the Puyallup River may occur while constructing column foundations and would require coordination with and approval by USACE through Section 408 of the Rivers and Harbors Act. In-water work, dredging, or discharge of fill materials associated with construction of the pier-supported bridge option would trigger Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act, as well as Tribal 401 Water Quality Certification. Construction activities associated with both bridge options would comply with all regulations of the permit review processes and take steps to avoid or minimize impacts to aquatic resources.

Soil disturbance in industrially developed areas carries the risk of encountering unexpected conditions. Contaminants could be found during construction that are above the Washington Model Toxics Control Act thresholds; Sound Transit would develop BMPs and standard operating procedures to minimize the impacts. Unavoidable contamination of groundwater could occur during pile driving associated with project construction. This could cause a direct transfer of contaminants from an upper layer to a lower, previously uncontaminated layer of the aquifer, creating the potential to spread the contaminants off the project site. All drilling and construction activities would follow Ecology and EPA Sole Source Aquifer requirements.

4.8.3.4 Indirect Impacts

As the population of the region increases, vehicular traffic and the demand for development would also increase. The TDLE project could reduce some future vehicle traffic by providing the opportunity for light rail use, reducing vehicle-related stormwater pollutants. The project could attract residents to the urban areas closer to light rail stations, resulting in a reduction in development and associated increases in stormwater runoff in undeveloped areas of the watershed, commonly known as urban sprawl.

Additionally, the project would support the redevelopment of areas surrounding the stations, which would improve existing stormwater treatment infrastructure by bringing flow control and water quality facilities up to current standards. Therefore, the TDLE project could indirectly offset some adverse impacts to water resources caused by population growth.

4.8.3.5 Avoidance and Minimization of Impacts

Sound Transit seeks to prevent or minimize potential impacts on water resources by following local stormwater management regulations, using appropriate BMPs, encouraging sustainable low-impact development approaches where feasible, and preparing for climate-related uncertainties where practicable. In addition to traditional stormwater management facilities, BMPs also include project planning measures, design elements, implementation practices, inspections, and monitoring. This section discusses BMPs that would be included in the project design. Further details of these practices can be found in Appendix H5, Water Resources Supporting Information.

Initial design planning efforts recognize climate-related uncertainties, such as increased precipitation and sea-level rise, and potential impacts to water resources. Climate-related hydrologic changes could include increases in peak flow rates and velocities, which could result in increased flood elevations and scour. Once the Board confirms or modifies the Preferred Alternative after publication of the Draft EIS, Sound Transit would include consideration of climate change data, which predicts the effects of the buildup of GHG gases, based on current understanding of atmospheric physics and chemistry. Strategies to minimize these impacts may include:

- Estimation of potential flood risks.
- Provide freeboard (the distance between the waterline and the lowest point of a structure) above the current or projected base flood elevation according to federal and state guidance.
- Channel stabilization and strengthening (either through hard armoring with riprap or soft armoring with vegetation) around structural elements to resist scour.
- Increase storage volume by a certain percentage, where flow control is required to account for potential increases in rainfall depths.
- Increase treatment flow rates by a similar percentage, where water quality treatment is required to account for potential higher increases in future precipitation.

Measures Common to All Light Rail Alternatives

Project Design and Structure Placement to Avoid Water Resources

To minimize impacts on water resources, the alternatives would avoid placement of piers or columns below the OHWM of streams and rivers and associated stream buffers and floodplains to the greatest extent possible. To meet the standards of the statewide and city shoreline plans, the project design would (wherever possible) include elements that preclude the need for shoreline strengthening (either through hard armoring with riprap or softshore armoring with vegetation to protect the banks from scouring), flood control works, vegetation removal, and other shoreline modifications. Where modification or stabilization measures cannot be avoided, BMPs and low-impact development techniques for surface water management would be implemented to minimize adverse impacts on existing shoreline ecological functions. Outlets from stormwater management facilities would generally connect to existing systems, where such systems exist, and may necessitate the addition of new discharge points where there is not an existing connection.

Stream Modifications

To mitigate impacts on water resources, all stream crossings would be designed to maintain or improve flow regimes and to maintain water quality.

New Outfalls

The project may result in new point discharges either directly or indirectly into natural receiving waters, which could require downstream drainage easements and permits for new structures. BMPs required by NPDES permits would be implemented for any of the potential discharge points that may empty into waters of statewide significance.

Flow Control

Conservative flow control strategies would be implemented by controlling runoff based on a target of forested land use conditions. Flow control would be implemented using detention ponds, detention vaults, guideway dispersion, bioretention, or infiltration facilities. Stormwater

ponds and detention vaults would be located outside of wetlands, to the degree possible, and situated so as not to relocate or alter fish-bearing streams. More detailed information will be provided in the Conceptual Stormwater Design Report as the design progresses.

Water Quality – Control of Contaminants

Section 4.12, Hazardous Materials, discusses methods to control the release of pollutants from contaminated areas. This would include preventing transfer to surface water resources, particularly near any catch basins or receiving waters.

Water Quality Treatment

The project would provide water quality management to Enhanced Treatment standards (intended to provide a higher rate of removal of dissolved metals than Basic Treatment) for all post-project pollution-generating impervious surfaces (PGIS). This is expected to prevent impacts to surface water and groundwater quality. More detailed information will be provided in the Conceptual Stormwater Design Report as the design progresses.

Floodplain Compensatory Storage

Proportionate amounts of compensatory flood storage would be provided to offset the encroachment of fill in the regulated floodplain from constructed project elements. The requirements for compensatory flood storage or other measures to avoid or minimize impacts to the regulated floodplains are outlined in the local city and county floodplain protection ordinances. Sound Transit will confirm the needed amount of compensatory flood storage, pending determination of base flood elevations for Zone A floodplains. Additional survey work and/or hydraulic analysis may be required to determine appropriate volumes and locations of compensatory flood storage.

Groundwater Protection

The TDLE project does not include vehicle maintenance areas or hazardous materials use or storage. Pollution-generating project runoff from normal operations would be directed to stormwater management systems for treatment and discharge. If unplanned or emergency vehicle maintenance became necessary, operational measures used to prevent impacts to the wellhead protection areas and the Central Pierce County Sole Source Aquifer may include:

- Runoff containment, collection, and, where applicable, treatment before discharge.
- Use of secondary containment for hazardous materials unloading and storage.

Structural features that could be part of the project design to prevent impacts to the wellhead protection areas and the Central Pierce County Sole Source Aquifer may include:

- Using concrete crossties, which are typical to Sound Transit light rail (Sound Transit 2021) rather than wooden crossties that may have been treated with creosote.
- Evaluating the use of closed or open-ended steel pipe piles, which have been found to prevent or minimize migration of contaminants (Shannon and Wilson 2014).
- Avoiding the use of H-piles and driven concrete piles due to their potential to create pathways for contamination migration.
- Avoiding the use of vertical timber support piles, which can facilitate wicking and chemical leaching.

- Designing and constructing pile tips to prevent overcutting the ground around the piles as they are driven. This would decrease the chances of forming pathways for contamination along the exterior boundaries of the structural elements.
- Specifying the outside diameter of the driving mechanism tool to match or be smaller than the outside diameter of the pile itself. This would reduce the potential for gaps to form between the exterior element boundary and the surrounding soils, creating pathways for contamination.

Construction BMPs

Sound Transit would develop and implement a Construction Stormwater Pollution Prevention Plan to serve as the overall construction stormwater mitigation plan. This plan would be submitted to Ecology and be required to be implemented for the duration of construction as part of the NPDES Construction Stormwater General Permit compliance. The Construction Stormwater Pollution Prevention Plan would include the following elements:

- Temporary Erosion and Sediment Control.
- Spill Prevention, Control, and Countermeasures.
- Concrete Containment and Disposal.
- Dewatering Management.
- Fugitive Dust Control.

Construction of the bridge crossing the Puyallup River and portions of the Tacoma Segment would cross lands under the jurisdiction of the Puyallup Tribe of Indians Reservation. The Puyallup Tribal Code (Section 15.12 et seq.) establishes district classifications, in substantial compliance with the Puyallup Tribe of Indians Comprehensive Land Use Plan, for all lands within the boundaries of the reservation. Sound Transit would follow the Tribe's Antidegradation Implementation Procedures, which apply to any discharges on the Puyallup Tribe of Indians Reservation.

Through compliance with applicable construction permits and BMPs that the permits would incorporate, the light rail alternatives are not expected to adversely affect water resources during construction.

Discussion of specific BMPs is provided in Appendix H5, Water Resources Supporting Information.

Federal Way Segment

The relocation of the East Fork Hylebos Creek Tributary 0016A stream channel in the Federal Way Segment would be designed to maintain existing flow regimes and water quality conditions to minimize impacts to its hydrology and downstream sediment regimes. Sound Transit would also implement the avoidance and minimization measures described for wetlands, streams, and their buffers in Section 4.9, Ecosystems.

South Federal Way Segment

The relocation of the East Fork Hylebos Creek Tributary 0016A stream channel in the South Federal Way Segment would be designed to maintain existing flow regimes and water quality conditions to minimize impacts to its hydrology and downstream sediment regimes. Sound Transit would also implement the avoidance and minimization measures described for wetlands, streams, and their buffers in Section 4.9, Ecosystems.

To avoid and minimize impacts to the Eastern Upland and Redondo/Milton Channel Aquifers and wellhead capture zones located in the South Federal Way Segment, Sound Transit would implement the water quality treatment, groundwater protection measures, and construction BMPs listed above.

Fife Segment

As discussed above for all light rail alternatives, proportionate amounts of compensatory flood storage would be provided to offset the encroachment of fill in the regulated floodplain from constructed project elements. In addition, as required by FMC 17.05, Critical Areas General Provisions, the City of Fife regulates projects within flood hazard areas to protect the public against property damage resulting from flooding, unnecessary maintenance and replacement of public facilities, and other related risks.

The project must also comply with FMC 15.40, Flood Damage Protection. FMC 15.40 requires that development permitted in a flood hazard area be designed to a zero-rise standard and that all nonresidential structures (which include staircases, elevated walkways, station platforms, etc.) within a flood hazard area must have either the lowest floors elevated 1 foot or more above the base flood elevation or have structures that are flood-proofed. Flood-proofed structures are built to be watertight, can withstand loads from floodwaters, will not float away, and have been certified by a registered professional engineer or architect. FEMA lists dry-proofing measures in their guidance on the National Flood Insurance Program for the design and certification of dry flood proofing for nonresidential buildings in a Special Flood Hazard Area Zone (FEMA 2021). Specific dry-proofing measures to be included in the final design will also be identified through coordination with the City of Fife.

The TDLE project would be designed to comply with these City regulations at the time of permitting.

Tacoma Segment

Temporary impacts and modifications to the levees along the Puyallup River during bridge construction would follow protection measures and requirements from the USACE.

Also, to avoid and minimize impacts to the South Tacoma Aquifer and the Central Pierce County Sole Source Aquifer located in the Tacoma Segment, Sound Transit would implement the water quality treatment, groundwater protection measures, and construction BMPs listed above.

4.8.4 Potential Mitigation Measures

Sound Transit will implement the required avoidance and minimization measures described above, most of which are inherent to the project design. Based on implementation of the avoidance and minimization measures, no significant, unavoidable impacts to water resources are expected. In the event of potential exceptions, mitigation measures are described below.

4.8.4.1 Measures Common to All Light Rail Alternatives

For unavoidable long-term impacts on streams, Sound Transit would develop a compensatory mitigation plan during the permitting phase in accordance with applicable federal, state, local and Tribal requirements. The mitigation plan for streams, wetlands, and buffers is described in more detail in Section 4.9.4 (Ecosystems).

4.8.4.2 Federal Way Segment

The relocation of the East Fork Hylebos Creek Tributary 0016A stream channel in the Federal Way Segment would be designed to maintain existing flow regimes and water quality conditions to minimize impacts to its hydrology and downstream sediment regimes. Sound Transit would also implement the mitigation measures described for wetlands, streams, and their buffers in Section 4.9.4, Ecosystems.

4.8.4.3 South Federal Way Segment

The relocation of the East Fork Hylebos Creek Tributary 0016A stream channel in the South Federal Way Segment would be designed to maintain existing flow regimes and water quality conditions to minimize impacts to its hydrology and downstream sediment regimes. Sound Transit would also implement the mitigation measures described for wetlands, streams, and their buffers in Section 4.9.4, Ecosystems.

For the Eastern Upland and Redondo/Milton Channel Aquifers and wellhead capture zones located in the South Federal Way Segment, the water quality treatment, groundwater protection measures, and construction BMPs listed above are expected to avoid and minimize significant impacts to groundwater and no further mitigation is expected to be necessary.

4.8.4.4 Fife Segment

Sound Transit would provide proportionate amounts of compensatory flood storage to offset the encroachment of fill in the regulated floodplain from constructed project elements. In the unlikely event that compensatory storage measures could not avoid changes to the base flood elevation, Sound Transit would work with the City of Fife and FEMA to update the effective Special Flood Hazard Area through a Certified Letter of Map Revision(CLOMR)/Letter of Map Revision (LOMR) process or other appropriate mapping revision based on federal requirements.

4.8.4.5 Tacoma Segment

If the Puyallup River short-span option with in-water piers were selected, the project could impact river hydraulics and channel scour. Engineering bridge design work would be undertaken to minimize impacts, which could include some or all of the following:

- Minimize the number of in-water piers and shaping piers in a streamlined manner.
- Set the abutments back onto the overbank areas so construction would not encroach into the channel.
- Size bridge openings to pass the 100-year peak flood discharge with little or no increase to the water surface elevation.
- Minimize interior piers.

Measures for mitigating impacts from in-water work of placing piers in the Puyallup River would include work to prevent or minimize scour of the riverbed. Examples of mitigation measures could include the addition of riprap or other hard (rocks) or soft (sand or vegetation) material to stabilize the riverbed. Placement of fill or obstructing structures in the river's main channel could require creation of compensatory flood storage to offset any loss of storage volume capacity. An increase to the base flood elevation might require conveyance offsets, or the Special Flood Hazard Area might need to be revised to reflect proposed impacts. Scour and net rise impacts of the final design will be determined through detailed hydraulic modeling once a preferred alternative is selected.

For the South Tacoma Aquifer and the Central Pierce County Sole Source Aquifer in the Tacoma Segment, the water quality treatment, groundwater protection measures, and construction BMPs listed above are expected to avoid and minimize significant impacts to groundwater and no further mitigation is expected to be necessary.

4.9 Ecosystem Resources

4.9.1 Introduction to Resource and Regulatory Requirements

This section evaluates the potential effects of the TDLE alternatives on aquatic species and habitat (aquatic resources); vegetation, wildlife, and wildlife habitat (terrestrial resources); wetlands; and special-status species and habitats (including threatened and endangered species, marine mammals, and natural resource areas protected under Tribal resource regulations, local critical areas ordinances and/or shoreline master programs).

Ecosystem resources are protected by Tribal, federal, state, and local regulations that govern planning, land use, and management activities affecting wetlands, streams, and fish and wildlife species and their habitats. Sound Transit therefore considered applicable regulations and guidance as part of this analysis. The Ecosystem Resources Technical Report (Appendix J4) provides detailed information on the regulations, analysis methods, affected environment, potential species and habitats, and impacts discussed in this section.

The Puyallup River, Hylebos Creek, and other streams in the study area are within the treaty-protected Usual and Accustomed areas of the Puyallup Tribe of Indians. Project-related impacts on these streams could affect the productivity of fisheries and potentially harm Tribal treaty rights. Sound Transit is therefore addressing potential effects on fish and fish habitat in this analysis and is coordinating with affected Tribes regarding these potential effects.

4.9.2 Affected Environment

The study area for aquatic resources and wetlands includes all areas within 300 feet of the project footprint. This encompasses the area within which project construction and operation could deliver sediment or pollutants to streams and where vegetation clearing could affect riparian habitat quality. This distance is also the largest potential width of regulatory buffers that may be required for wetlands in the project area. In the Puyallup River, the study area is extended to include all portions of the waterbody where underwater noise from in-water pile driving could exceed background levels (e.g., to the first bends in the channel upstream and downstream of potential locations of in-water piers).

The study area for terrestrial resources includes areas within 200 feet of the project footprint. This represents a conservative estimate of the area in which project construction and operation could affect vegetation cover and habitat quality for terrestrial wildlife. To address wildlife potentially affected by project-related noise and human activity, resource analysts also reviewed documented occurrences of sensitive wildlife species within 0.25 mile of project construction areas.

To identify ecosystem resources and evaluate potential project-related impacts, Sound Transit:

- Reviewed scientific literature, agency websites, and analyses completed for other projects near the study area.
- Consulted with local Tribes, and federal, state, and local agencies.
- Reviewed geographic information system (GIS) data and evaluated aerial imagery.
- Performed field investigations, including reconnaissance and limited delineation surveys of streams, wetlands, and vegetation.

4.9.2.1 Aquatic Species and Habitat

The study area for aquatic resources includes 20 streams, which are listed in Table 4.9-1 and shown in Figures 4.9-1 through 4.9-6. All streams in the study area are described and mapped in greater detail in the Ecosystem Resources Technical Report (Appendix J4). Most of these streams are in the Hylebos Creek watershed. Hylebos Creek is an independent tributary that discharges to the Hylebos Waterway along the eastern shore of Puget Sound's Commencement Bay in Tacoma. The other streams in the study area are Wapato Creek (another independent tributary that discharges to the Blair Waterway in Commencement Bay), the Puyallup River, First Creek (a small tributary to the Puyallup River), and two artificially created drainage systems that convey surface water runoff to the Blair Waterway. The following subsections describe aquatic resources in each project segment. Discussions in this document focus on salmonids (Chinook salmon, chum salmon, coho salmon, pink salmon, sockeye salmon, steelhead, cutthroat trout, and bull trout) because these species are a management concern due to habitat degradation and population declines.

Habitat was assessed with the assumption that anadromous fish may one day be able to enter stream reaches where no natural barriers exist, even if human-created barriers prevent access under current conditions. Using information gathered during field reconnaissance and from other sources (e.g., WDFW fish passage barrier maps), biologists evaluated the accessibility of streams in the study area, identifying downstream impediments to fish passage.

In addition to the impacts of urbanization and other human activities that occurred in the last century, fish and fish habitat in the study area face stressors associated with climate change (Puyallup Tribe of Indians 2016). For example, increasing air temperatures are expected to contribute to elevated water temperatures in streams, with resultant impacts on salmonid migration timing, growth rates, and vulnerability to toxins, diseases, and parasites (McCullough 1999; Katinić et al. 2015). Shifting precipitation regimes may also affect stream flows, leading to reduced availability of spawning and rearing habitat and an increased risk that eggs and juveniles will be destroyed by severe flood flows during winter (Bisson 2008).

Table 4.9-1 Summary of Streams in the Study Area

Stream Name	Stream Index No.[1]	State Interim Water Type[2]	Local Jurisdiction	Local Jurisdiction Stream Classification[3]	Local Jurisdiction Buffer Width[3]
Federal Way Segment					
East Fork Hylebos Creek Tributary 0016A	10.0016A	3	Federal Way	F	100
West Fork Hylebos Creek Tributary 0014C	10.0014C	3	Federal Way	F	100
South Federal Way Segment					
East Fork Hylebos Creek Tributary 0016A	10.0016A	3	Federal Way	F	100
Federal Way Stream 1 (SFW-01)	N/A	5	Federal Way/ Milton	Ns	30/65
Federal Way Stream 2 (SFW-02)	N/A	5	Federal Way	Ns	30
Federal Way Stream 3 (SFW-03)	N/A	3	Federal Way	F	100
Federal Way Stream 4 (SFW-04)	N/A	3	Federal Way	F	100
West Fork Hylebos Creek	10.0014	2	Milton	F	150
North Fork Hylebos Creek	10.0013	2	Federal Way	F	100
Milton Stream 1 (SMI-01)	N/A	3	Milton/ Pierce County	F/F_1	150/150
Milton Stream 2 (SMI-02)	N/A	2	Milton	F	150
Milton Stream 3 (SMI-03)	N/A	5	Milton	Ns	65
Hylebos Creek[4]	10.0006	1	Pierce County/ Milton/Fife	F_1/S/1	150/165/ Case-by-Case[5]
Surprise Lake Creek	10.0009	3	Fife	3	Case-by-Case
Fife Segment					
Fife Ditch Tributary 1[6]	N/A	4	Fife	N/A	N/A
Fife Ditch[6]	N/A	4	Fife	N/A	N/A
Wapato Creek	10.0017	2	Fife	2	Case-by-Case
Erdahl Ditch Tributary 1[6]	N/A	4	Fife	N/A	N/A
Erdahl Ditch Tributary 2[6]	N/A	4	Fife	N/A	N/A
Tacoma Segment					
Puyallup River[4]	10.0021	1	Tacoma/Fife	S/1	150/ Case-by-Case
First Creek	N/A	3	Tacoma	F_1	150

Notes:

(1) WRIA identification numbers according to Williams et al. (1975) and King County (1990); N/A indicates the stream is not identified in either of those sources.

(2) Per WAC 222-16-031, Type 1 waters are shorelines of the state; Type 2 waters have a have a high fish, wildlife, or human use; Type 3 waters have a moderate to slight fish, wildlife, or human use; Type 4 waters are perennial, non-fish-bearing streams; Type 5 waters are seasonal, non-fish-bearing streams.

(3) Per Federal Way Municipal Code 19.145.270 (revised October 15, 2019), Milton Municipal Code 18.16.640(D), Tacoma Municipal Code 13.11.420, Fife Municipal Code 17.15.050, and/or Pierce County Code 18E.40.60, as applicable. Numeric classifications are as described under WAC 222-16-031 (see preceding footnote). Other classifications: F = streams with fish habitat; F_1 = natural waters containing salmonid fishes; Ns = seasonal, non-fish habitat streams; S = shorelines of the state.

(4) Hylebos Creek and the Puyallup River are classified as shorelines of the state. Despite this classification, the Pierce County Code does not classify Hylebos Creek as a Type S stream, instead assigning it a classification of F_1.

(5) Per Fife Municipal Code 17.15.050, the widths of buffers on streams are to be determined by the community development director on a case-by-case basis. To evaluate the potential impacts of the alternatives on riparian areas, the following buffer widths were used for streams in Fife: Type 1 – 165 feet; Type 2 – 150 feet; Type 3 – 115 feet. These widths are based on the buffers for corresponding stream types in the Milton Municipal Code.

(6) Fife Ditch, Erdahl Ditch, and their tributaries serve primarily as stormwater conveyance ditches with pump stations at the outlets. Based upon WDFW surveys, WDFW has determined that they are non-fish bearing ditches and will therefore not be regulated as streams by WDFW or the City of Fife.

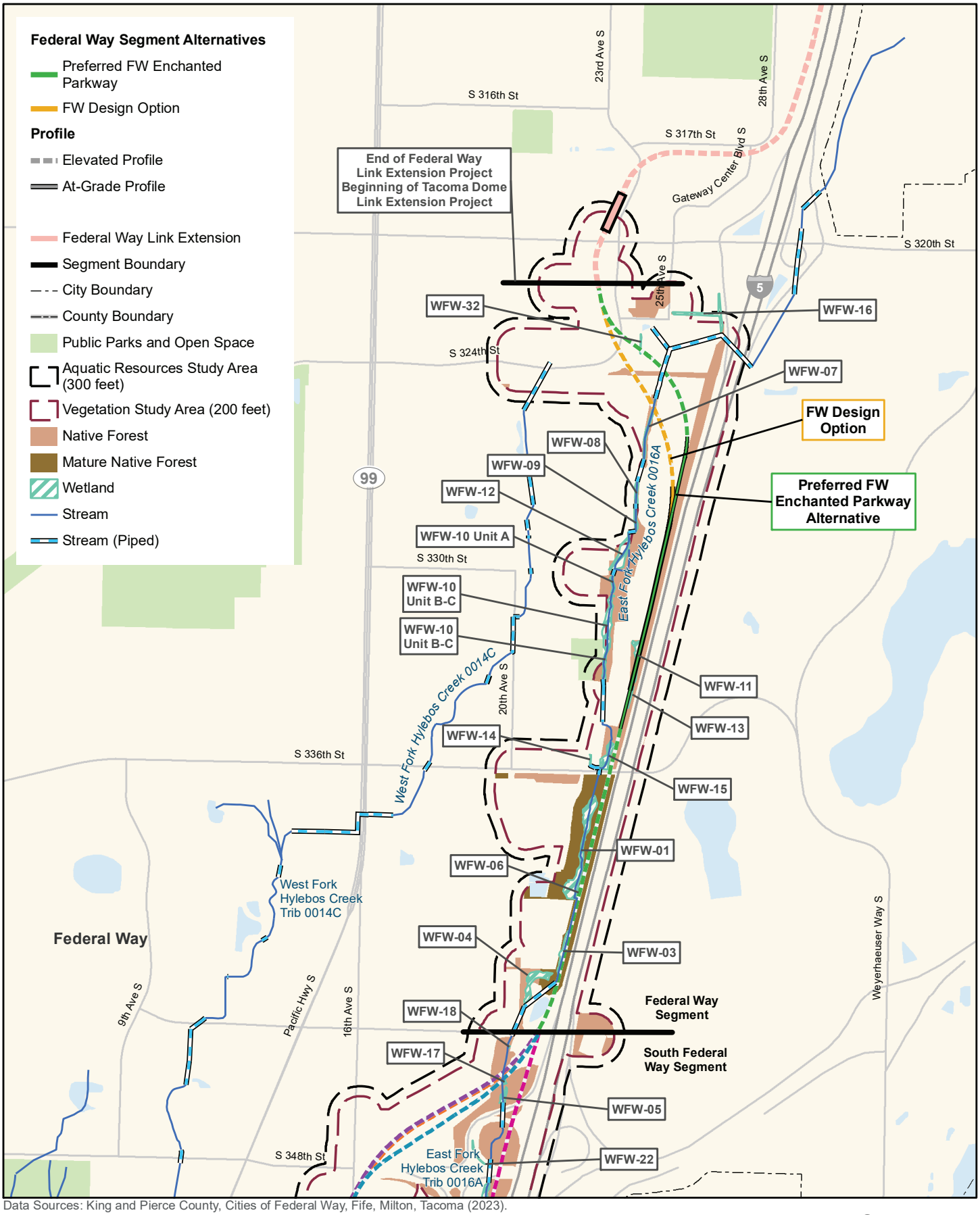

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.9-1
Ecosystem Resources Study Area
Federal Way Segment

Tacoma Dome Link Extension

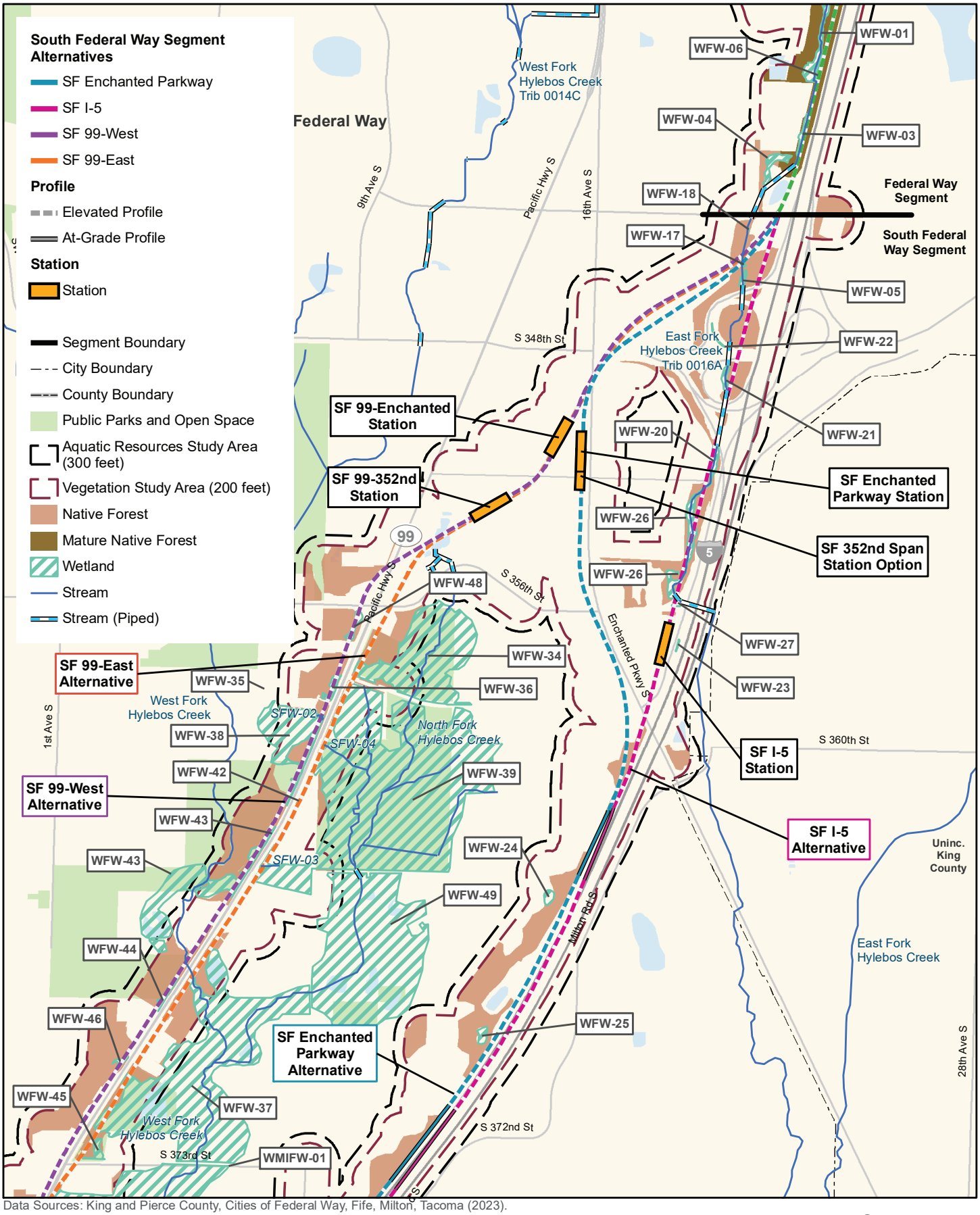

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.9-2
Ecosystem Resources Study Area
South Federal Way Segment

Tacoma Dome Link Extension

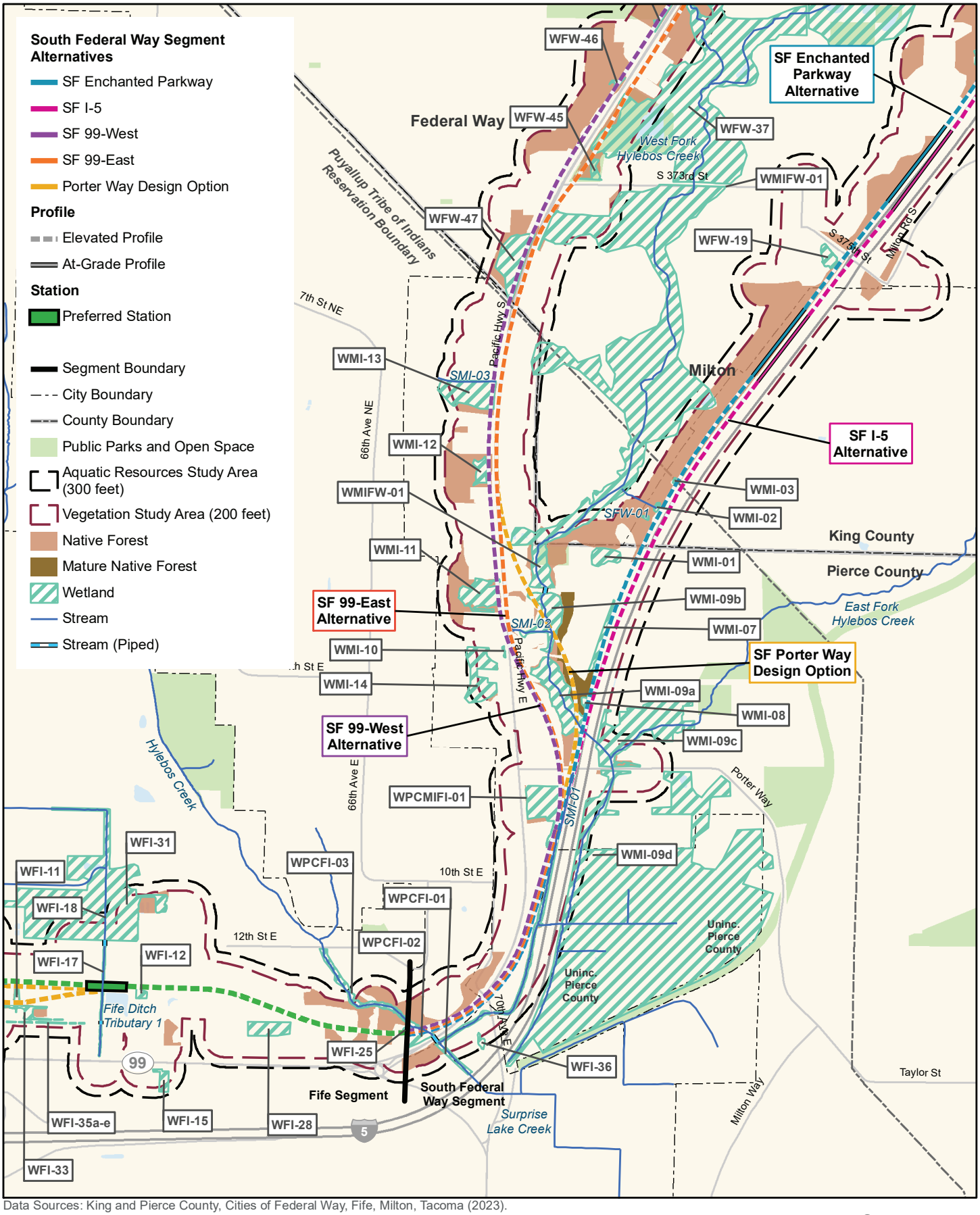

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.9-3
Ecosystem Resources Study Area
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

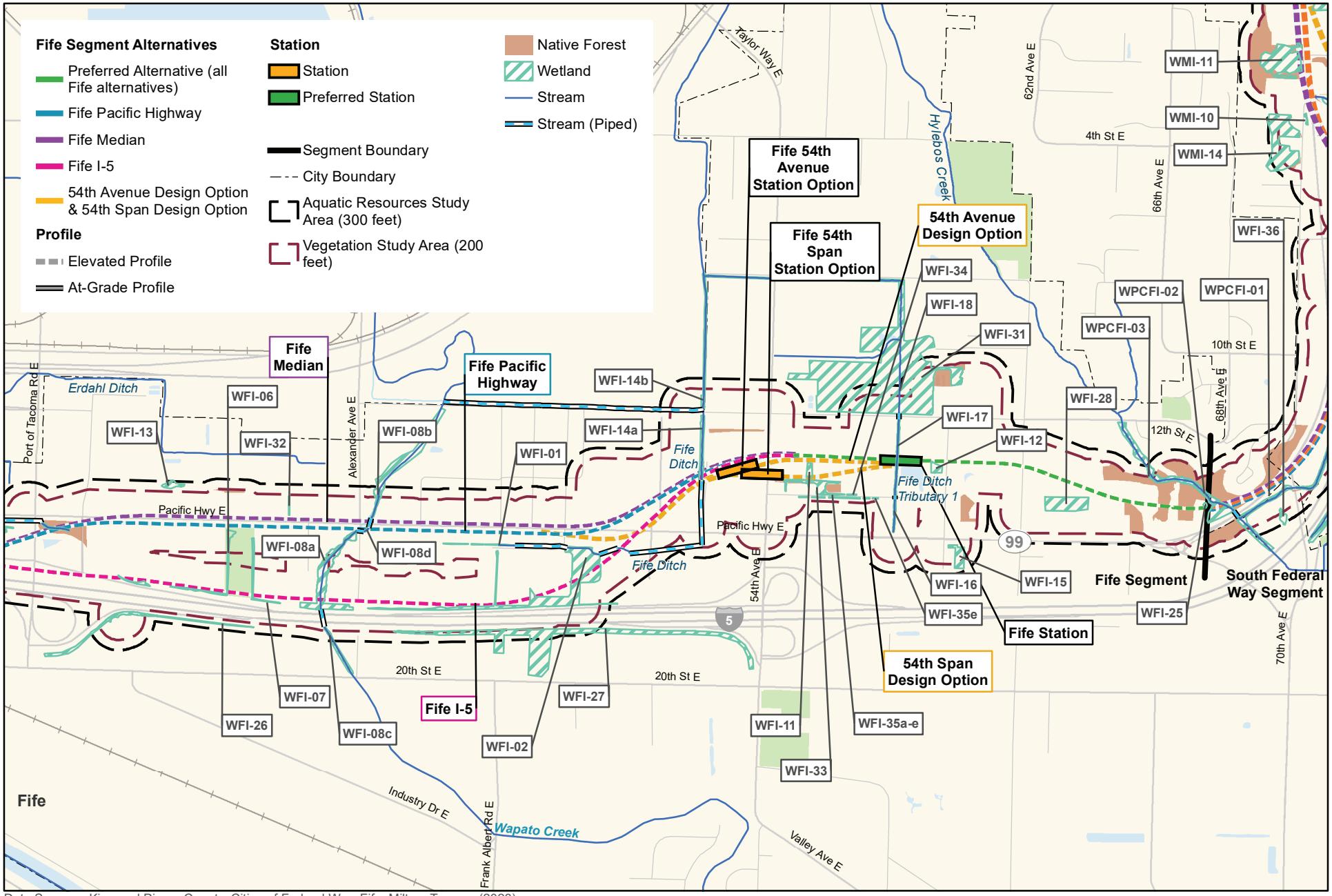

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.9-4
Ecosystem Resources Study Area
Fife Segment

Tacoma Dome Link Extension

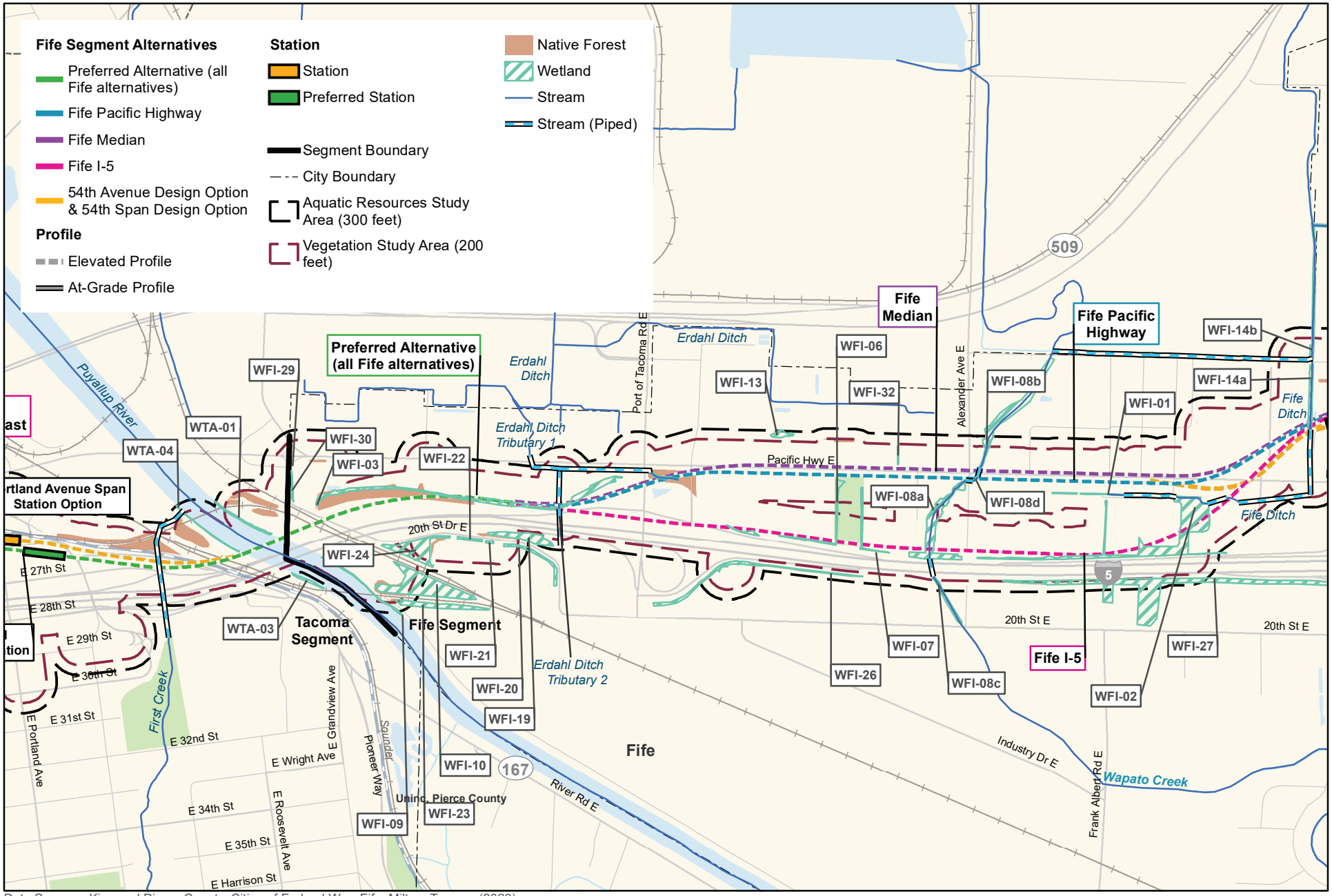

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.9-5
Ecosystem Resources Study Area
Fife Segment

Tacoma Dome Link Extension

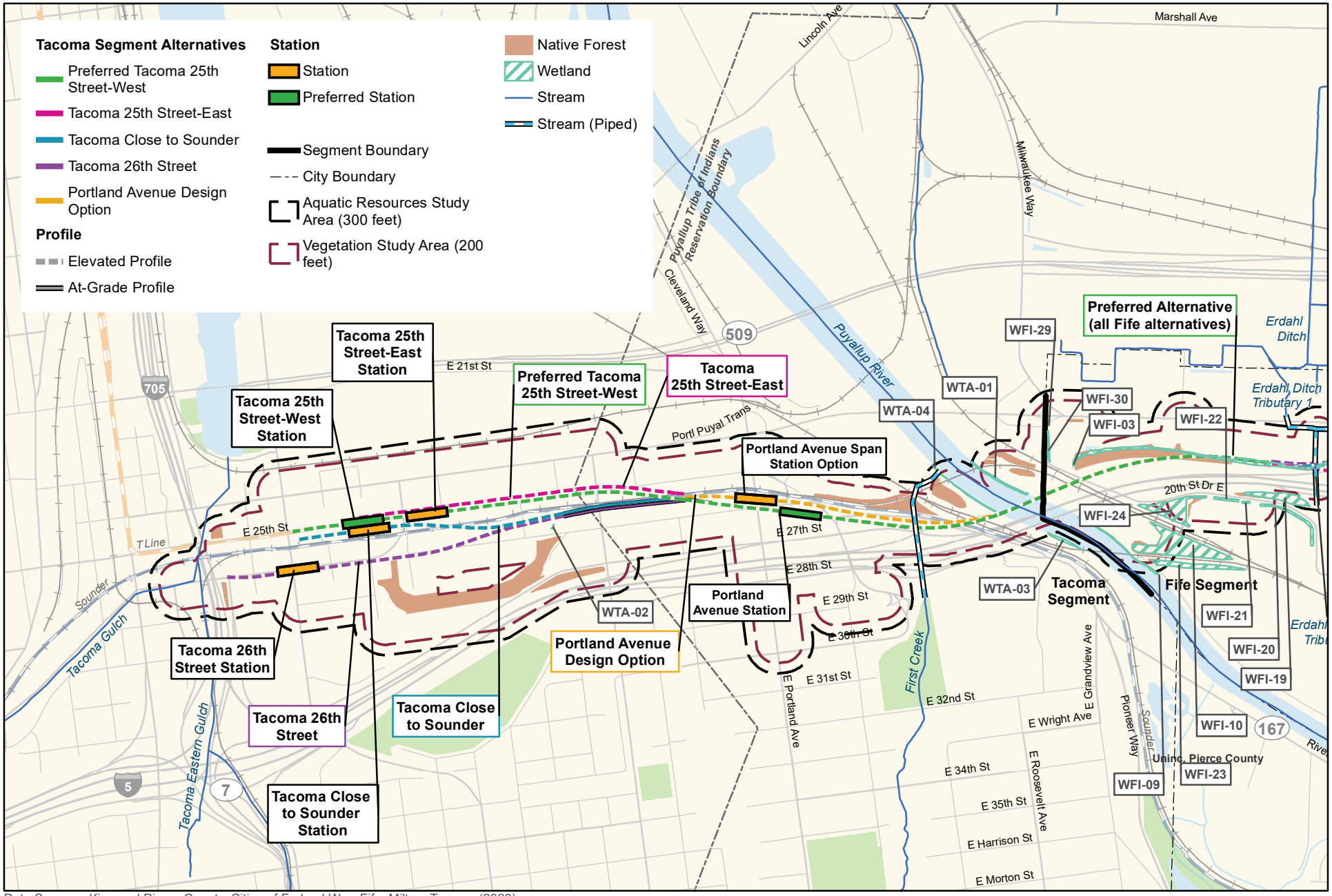

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.9-6
Ecosystem Resources Study Area
Tacoma Segment

Tacoma Dome Link Extension

Federal Way Segment

Two streams are present in the Federal Way Segment. These are East Fork Hylebos Creek Tributary 0016A and West Fork Hylebos Creek Tributary 0014C.

East Fork Hylebos Creek Tributary 0016A parallels the alignment alternatives for approximately 2 miles, substantially more than any other stream in the TDLE study area. The stream flows southward through the study area, confined by I-5 to the east and residential, commercial, and light industrial developments to the west (Figure 4.9-2). Near S 356th Street, the stream turns east and crosses under I-5 to join other tributaries, forming East Fork Hylebos Creek.

The segments of East Fork Hylebos Creek Tributary 0016A in the study area flow intermittently. The streambed in this area is typically dry during late summer and early fall. Much of the stream is confined within a straight and uniform (ditch-like) channel profile. Dense patches of reed canarygrass have become established in some low-energy areas, exacerbating the deposition of fine sediment and degradation of potential spawning gravels. Riparian habitat conditions in the study area are variable. From S 336th Street to S 344th Street, the stream passes through a corridor of native mature forest habitat that extends more than 100 feet from the stream in either direction.

There is no documented fish use in East Fork Hylebos Creek Tributary 0016A; however, the stream is considered potentially accessible to fish. Under current conditions, human-created barriers to fish passage prevent anadromous salmonids from entering stream reaches in the study area (NWIFC 2023; WDFW 2023b). The presence of resident fish is unlikely, given the intermittent flow of the stream and the presence of human made barriers between the study area and potential population sources downstream. However, the basin size, channel width, and gradient of the stream indicate the potential to support fish in the future. The Northwest Indian Fisheries Commission (2023) classifies stream reaches in the study area as potentially accessible to coho salmon and steelhead. If access were restored to the East Fork Hylebos Creek Tributary 0016A, it would provide limited rearing habitat for both steelhead and coho salmon. Both species rear in freshwater for more than a year before outmigrating to marine waters and are thus reliant on high quality rearing habitat to complete their life cycles. Because of the intermittent nature of the stream, rearing habitat would be limited during the late summer and early fall.

A piped segment of West Fork Hylebos Creek Tributary 0014C, near the stream's headwaters, is present in the northern portion of the study area. After it exits the pipe immediately downstream of the study area, the intermittently flowing stream is confined within a combined in-line stormwater facility and wetland in the Belmor golf course. From there, the stream flows south, eventually joining other tributaries to form West Fork Hylebos Creek.

South Federal Way Segment

The South Federal Way Segment includes portions of 12 streams (Table 4.9-1) described below from north to south. One stream (East Fork Hylebos Creek Tributary 0016A) is also present in the Federal Way Segment and is described above.

North Fork Hylebos Creek originates in regional stormwater facilities immediately north of S 356th Street. A small segment of the stream near its headwaters flows through the study area, where it is confined in a straight, ditch-like channel. Riparian vegetation in the study area is limited to a narrow band (50 feet) of immature mixed coniferous and deciduous forest. Stream reaches in the study area are on the 303(d) list, based on the benthic macroinvertebrate

bioassessment parameter (Ecology 2023). Salmonid species known or expected to be present in North Fork Hylebos Creek in or near the study area are coho salmon and steelhead (WDFW 2023a; NWIFC 2023).

Federal Way Stream 2 (SFW-02) originates in a wetland (WFW-38) on the west side of SR 99, just south of S 359th Street. The stream is assumed to join North Fork Hylebos Creek east of SR 99. Riparian vegetation outside the SR 99 right-of-way consists primarily of native, deciduous forest. The stream channel, as it parallels the roadway, is primarily vegetated with Himalayan blackberry and reed canarygrass. The stream is likely intermittent. There is no documented fish use of SFW-02 (WDFW 2023a; NWIFC 2023).

Federal Way Stream 4 (SFW-04) emerges from beneath SR 99 in an approximately 18-inch-diameter culvert and is a tributary to North Fork Hylebos Creek. This stream may be the downstream continuation of SFW-02. Riparian habitat in the study area consists primarily of native, deciduous forest. Currently, there is no documented fish use of SFW-04 (WDFW 2023a; NWIFC 2023). Because this section of stream is connected to North Fork Hylebos Creek, at least during some parts of the year, fish species present in North Fork Hylebos Creek may also enter SFW-04 in the study area.

Federal Way Stream 3 (SFW-03) originates in a large wetland (WFW-43) west of SR 99. After crossing under SR 99, the stream flows approximately 200 feet east before the channel loses definition in a large wetland (WFW-39). It is assumed that the stream is connected to North Fork Hylebos Creek outside of the study area. Riparian habitat in the study area consists primarily of native, deciduous forest. Currently, there is no documented fish use of SFW-03 (WDFW 2023a; NWIFC 2023). Because this section of stream is likely connected to North Fork Hylebos Creek, at least during some parts of the year, fish species present in North Fork Hylebos Creek may also enter SFW-03 in the study area.

West Fork Hylebos Creek is a perennially flowing stream that originates in West Hylebos Wetlands Park near S 348th Street in Federal Way and flows southward through forested habitats west of SR 99. The stream is joined by several tributaries before it crosses beneath I-5 in Milton and joins East Fork Hylebos Creek to form Hylebos Creek. West Fork Hylebos Creek is considered to contain the highest quality habitat within the Hylebos Creek watershed, which can be attributed in part to the large riparian wetland complexes that buffer the stream from some of the adverse impacts associated with the highly developed watershed (EarthCorps 2016; King County 1990; HDR 2014). Riparian habitat in the study area is predominantly deciduous forest, although some conifers are present. Invasive species in the understory may diminish riparian habitat quality.

West Fork Hylebos Creek in the study area is a migration corridor for Chinook salmon, chum salmon, coho salmon, steelhead, and cutthroat trout, and it provides rearing habitat for juveniles of all species except chum salmon. Coho salmon have been documented spawning within the study area (WDFW 2023a; NWIFC 2023). The City of Federal Way has identified the lower reaches of West Fork Hylebos Creek (near the southern end of the South Federal Way Segment) as a top priority for conservation within their jurisdiction. The City has undertaken a substantial effort to acquire properties and to begin restoration of degraded habitat in those areas (EarthCorps 2016). The Puyallup Tribe of Indians is also focused on restoration of salmon habitat in Hylebos Creek and its tributaries.

Milton Stream 3 (SMI-03) has yet to be assessed in the field due to access restrictions. Existing maps and aerial imagery indicate that the stream enters West Fork Hylebos Creek near the

King/Pierce county line, approximately 500 feet north of Birch Street. It is unknown whether fish from West Fork Hylebos Creek have access to reaches of SMI-03 in the study area.

Federal Way Stream 1 (SFW-01) is an ephemeral (flowing only during and following rainfall) tributary to West Fork Hylebos Creek near the King-Pierce county line. The stream originates on the east side of I-5 and is conveyed beneath I-5 in an approximately 36-inch-diameter culvert. West of I-5, the stream flows approximately 400 feet due west to its confluence with West Fork Hylebos Creek. The stream channel in the study area is uniform and straight narrows to approximately 1.5 to 2 feet wide in some areas, with 7-foot-high vertical banks. Riparian vegetation is limited to reed canarygrass and Himalayan blackberry in the WSDOT right of-way; farther west, the stream passes through areas of mature red alder. There is no documented fish use of SFW-01. The narrow channel and steep gradient (>20%) limit the potential for fish to use the stream in the study area.

Milton Stream 2 (SMI-02) crosses SR 99 near the intersection of 70th Avenue E and then flows approximately 400 feet east to its confluence with West Fork Hylebos Creek. Stream flow is likely intermittent. The channel is straight and narrow, with an average bankfull width ranging between 2 and 3 feet. Riparian habitat in much of the study area is poor and dominated by invasive species, including Himalayan blackberry and English ivy. However, once the stream enters the broad floodplain of West Fork Hylebos Creek, the quality of riparian habitat increases. Fish use of the stream has not been documented, but there are no barriers that would prevent fish from entering the stream from West Fork Hylebos Creek.

Milton Stream 1 (SMI-01) originates in a roadside ditch on the west side of I-5 immediately south of Porter Way and flows 0.3 mile south to meet Hylebos Creek as the latter emerges from under I-5. Some segments of the stream in the study area flow intermittently; others flow perennially. The stream channel is choked with reed canarygrass and does not provide suitable spawning habitat for salmonids. The riparian corridor is generally narrow and constrained by fill slopes associated with I-5 to the east and commercial development to the west, limiting its functional capacity. Fish use of the stream has not been documented, but there are no known/documented barriers that would prevent fish from entering the stream from Hylebos Creek.

Hylebos Creek enters the study area from the east, on the opposite side of I-5 from the alignment alternatives. From the confluence of the East Fork Hylebos Creek and West Fork Hylebos Creek (immediately north of Porter Avenue) downstream to its mouth, this perennial stream is classified as a shoreline of the state. The stream passes under I-5 and then flows southward through a narrow, grassy strip between the freeway and a commercial property. The stream then turns westward, passing under 70th Avenue E and SR 99 (Pacific Highway E) and flowing northwest out of the study area. Hylebos Creek is crossed by the alignment alternatives after it passes under SR 99. Riparian habitat in the study area is generally low-quality, dominated by low-growing and invasive species. Habitat quality improves near the SR 99 crossing, where areas of native trees and shrubs are present. Overall, the lack of mature riparian trees in the study area limits the potential for recruitment of large woody debris to the stream, which not only reduces habitat complexity and cover but can contribute to elevated stream temperatures. Salmonid use of Hylebos Creek is similar to that described for West Fork Hylebos Creek, above (WDFW 2023b; NWIFC 2023).

Surprise Lake Creek, at the southern end of the South Federal Way Segment, drains residential and agricultural areas in Edgewood and Fife before joining Hylebos Creek immediately upstream of SR 99. The segment of the stream in the study area flows perennially. Riparian vegetation in

the study area is a mixture of native shrubs, invasive shrubs, and herbaceous plants. The stream is accessible to fish that are present in Hylebos Creek.

Fife Segment

The Fife Segment includes segments of Fife Ditch Tributary 1, Fife Ditch, Wapato Creek, Erdahl Ditch Tributary 1, and Erdahl Ditch Tributary 2. Under current conditions, the capacity of these streams to support salmonids is limited by poor water quality, altered peak and base flows, lack of suitable spawning habitat, inadequate cover, low-quality riparian habitat, or some combination of those factors.

Fife Ditch Tributary 1 originates on the north side of Pacific Highway E in the study area and flows 0.5 mile north before turning west and flowing 0.4 mile to its confluence with Fife Ditch. In the study area, the watercourse likely flows perennially and is confined to a ditch bordered primarily by grasses and invasive shrubs, such as Himalayan blackberry. There is no documented fish use of Fife Ditch Tributary 1, but NWIFC (2023) classifies stream reaches in the study area as potentially accessible to coho salmon, Chinook salmon, pink salmon, and steelhead. WDFW has determined that Fife Ditch Tributary 1 is a non-fish bearing stormwater ditch based upon WDFW surveys in support of the WSDOT SR 167 Completion project (Penk 2023a, personal communication).

Fife Ditch drains runoff from industrial, commercial, residential, and agricultural areas in Fife, emptying to Hylebos Creek through a tide gate and pump station just upstream of the Hylebos Waterway. The watercourse is contained in pipes for most of its length in the study area. Some segments in the study area support perennial flow, and others flow intermittently. Riparian vegetation near surface-flowing segments consists primarily of reed canarygrass and mowed grasses and herbaceous vegetation. Very few trees are present in the riparian corridor in the study area. According to NWIFC (2023) chum salmon, coho salmon, and steelhead have been documented in Fife Ditch immediately downstream of the study area; NWIFC (2023) classifies stream reaches in the study area as potentially accessible to those species, along with Chinook salmon and pink salmon. However, documented fish distribution shown for Fife Ditch may not be valid due to stream mapping errors which incorrectly show Wapato Creek flowing into Fife Ditch. Local information provided by the Port of Tacoma for the Lower Wapato Creek Habitat Project indicates that there is no hydrologic connection between Wapato Creek and Fife Ditch; therefore, fish use may only be presumed. Recently, WDFW has determined, based upon surveys conducted by WDFW in 2019 and 2020, that Fife Ditch and its tributaries are non-fish bearing stormwater ditches (Penk 2023a, personal communication).

Wapato Creek flows approximately 13 miles through agricultural, residential, and light industrial areas, entering the study area near I-5 and flowing an additional mile to its discharge point into Blair Waterway. Stream reaches in the study area experience critical low-flow conditions, and the channel may sometimes dry up. The channel of Wapato Creek in the study area is confined by fill slopes with little functioning floodplain. There is little or no functioning riparian habitat along the stream in the study area, and the stream channel is dominated by reed canarygrass. Wapato Creek in the study area is included on the current list of impaired waters in Washington State, based on high bacteria levels and low concentrations of dissolved oxygen (Ecology 2023). Wapato Creek in the study area provides rearing habitat for coho salmon; chum salmon and winter steelhead have also been documented (WDFW 2023a; NWIFC 2023). The stream is also assumed to be accessible to Chinook salmon and pink salmon. In 2021, in partnership with the Puyallup Tribe of Indians, the Port of Tacoma completed the Lower Wapato Creek Habitat Project approximately 0.2 mile downstream of the study area.

The Erdahl Ditch drainage system was constructed to convey surface water runoff from the western portion of Fife to the Blair Waterway. Both Erdahl Ditch Tributary 1 and Erdahl Ditch Tributary 2 in the study area flow intermittently and are largely contained in pipes. The surface-flowing segment of Erdahl Ditch Tributary 1 in the study area is maintained as a stormwater conveyance facility at the interchange between southbound I-5 and Port of Tacoma Road. The only surface-flowing segment of Erdahl Ditch Tributary 2 in the study area (approximately 50 feet in length) lies between I-5 and the commercial property to the north. The two watercourses likely converge (within pipes) on the south side of Pacific Highway E before being piped to an open channel north of the roadway. Both watercourses are assumed to be accessible to Chinook salmon, chum salmon, coho salmon, pink salmon, and steelhead (NWIFC 2023). Recent communications with WDFW indicate that the Erdahl Ditch tributaries will be considered non-fish bearing stormwater ditches, similar to the Fife Ditch Tributary (Penk 2023b, personal communication).

Tacoma Segment

The Tacoma Segment includes segments of the Puyallup River and First Creek, a tributary to the Puyallup River.

Draining an area of more than 950 square miles, the Puyallup River is the largest watercourse in the study area. The Puyallup River is classified as a shoreline of statewide significance based on mean annual flows exceeding 1,000 cubic feet per second. The river has been extensively modified through flood control projects, hydropower development, agriculture, and urbanization. Extensive tide flats and floodplain wetlands near the river's mouth, including the segment in the study area, were filled in the 19th and 20th centuries to support industrial land uses. Riparian vegetation in this segment is limited by the presence of I-5 and nearby development as well as by vegetation management practices on the flood control levee that bounds the river.

The cities of Tacoma and Fife, overseen by the Washington State Department of Ecology, have regulatory authority within the shoreline jurisdiction of the river. The Puyallup Tribe of Indians has jurisdiction for work within the ordinary high water mark (OHWM) of the river in the study area, as well as authority under Section 401 of the Clean Water Act for water quality. In addition, the Washington Department of Fish and Wildlife is responsible for preserving, protecting, and perpetuating fish resources, as required under the Hydraulic Code (Chapter 77.55 RCW).

The Puyallup River supports populations of numerous salmonid species, including Chinook salmon, chum salmon, coho salmon, cutthroat trout, pink salmon, sockeye salmon, steelhead, and bull trout (WDFW 2023a; NWIFC 2023). For most of these species, the river segment in the study area serves primarily as a migratory corridor between marine habitats and spawning areas in the upper watershed. As discussed in Section 4.9.2.4, marine mammals may also use riverine habitats in the study area.

According to WDFW (2023a) and NWIFC (2023), the lower Puyallup River may provide rearing habitat for juvenile Chinook salmon and coho salmon. However, the Puyallup River channel bed in the study area is of uniform depth and consists of relatively uniform sand and silt material. The riverbed in this area provides limited, if any, rearing function for juvenile or adult salmonids (NMFS and USFWS 2009). In studies that encompassed the river in the study area, Puyallup Tribal Fisheries (2005) found few areas of gravel suitable for spawning; where present, gravel was generally too compacted to provide suitable spawning substrates.

First Creek originates in Tacoma on the plateau above the Puyallup River and flows north for approximately 2.7 miles before discharging through a culvert into a tidally influenced segment of the Puyallup River north of I-5. In the study area, the stream is contained entirely in pipes. The stream's flow regime (perennial or intermittent) in the study area is undetermined. First Creek is assumed to be accessible to Chinook salmon, chum salmon, coho salmon, pink salmon, and steelhead (NWIFC 2023).

4.9.2.2 Vegetation, Wildlife, and Wildlife Habitat

Much of the study area is dominated by urban development, including industrial, commercial, and residential areas. Analysts identified and delineated 11 vegetation cover types in the study area and evaluated their relative habitat value. The cover types (commercial, residential, grassland, invasive brush, native brush, non-native forest, mature native forest, other native forest, wetland/stream, river channel, and stormwater pond) are described in Appendix J4, Ecosystem Resources Technical Report. Relative habitat value is based on habitat structure, scarcity in the study area, disturbance types and frequency, and time required for ecosystem functions to recover following clearing and site restoration. Wildlife use of habitats in urban landscapes depends on the general location of the habitat, the size and type of undisturbed habitats, the degree of connectivity and extent of travel corridors between and among these habitats, and the types and levels of human activity.

Much of the study area (77 percent) is dominated by areas of high-intensity urban development with little vegetation cover and minimal habitat value (see Table J4.3-11 in Appendix J4, Ecosystem Resources Technical Report). Trees and other landscaping in residential areas provide limited habitat value. Other common vegetation cover types, particularly in the rights-of-way of I-5 and other roads, are grassy areas and patches of invasive shrubs (e.g., Himalayan blackberry). The relative habitat value of all such areas is low to moderate.

Wildlife use of such areas is generally limited to adaptable species, such as house sparrows, European starlings, rats, mice, raccoons, Virginia opossums, and eastern gray squirrels. Birds such as rock pigeons and cliff swallows commonly build nests on bridges and road overpasses, and many bat species use such structures as temporary roosting sites. Red-tailed hawks and other raptors prey on voles and other small mammals that are found in abundance in grassy vegetation, such as in the I-5 right-of-way. Peregrine falcons have been observed in the study area and are known to nest on nearby bridges. Open-water habitats, such as wetlands and stormwater detention ponds, provide resting and foraging areas for waterfowl. Animals that use habitats in the study area are exposed to high levels of disturbance generated by human activity in commercial and industrial areas and traffic on I-5 and major arterial roadways.

Compared to other cover types, areas classified as mature native forest or other native forest have greater biological diversity and higher value as wildlife habitat. Approximately 13 percent of the study area is classified as mature native forest or other native forest (see Table J4.3-11 in Appendix J4, Ecosystem Resources Technical Report). Most patches of forest cover in the study area are fragmented and separated from surrounding habitat areas by development and roads. Despite their isolation, these areas still provide habitat for resident and migratory songbirds, as well as for hawks, owls, woodpeckers, and small mammals. The greatest acreage and largest patches of forested habitat are in the South Federal Way Segment. The largest patch of mature native forest, approximately 15 acres in size, parallels I-5 near S 336th Street in the Federal Way Segment (Figure 4.9-1).

Streams and riparian areas are used as travel corridors by many wildlife species. In most areas, I-5 and SR 99 impede the movement of wildlife between the Green River and Puyallup River

valleys in the east and the Puget Sound shoreline to the west. In the South Federal Way Segment, I-5 crosses West Fork Hylebos Creek on a low (less than 10 feet above ground) bridge. This bridge may facilitate the movement of small- to medium-sized mammals along the stream corridor. The 20-foot-wide-by-10-foot-high culvert that conveys West Fork Hylebos Creek under SR 99 likely provides a similar degree of connectivity for small- to medium-sized mammals and amphibians.

4.9.2.3 Wetlands

Sound Transit identified a total of 106 wetlands in the study area. The wetlands are shown in Figure 4.9-1 through Figure 4.9-6 in this EIS and are summarized in Table J4.3-12 in Appendix J4, Ecosystem Resources Technical Report. See Figures J4.3-1 through J4.3-14 in Appendix J4 for depictions of wetland locations in more detail.

Throughout much of the study area, industrial, commercial, or residential development has substantially altered natural wetlands and watercourses. In the Federal Way Segment and the north section of the South Federal Way Segment, most wetlands are forested, riverine wetlands associated with the East Fork Hylebos Creek Tributary 0016A. Due to their proximity to developed areas and I-5, they reduce pollutant loading in the stream. Confinement by development limits the wetlands' ability to attenuate flood flows, however. Most wetlands in the central section of the South Federal Way Segment are associated with North Fork Hylebos Creek and West Fork Hylebos Creek. These riverine/depressional wetlands provide diverse and complex habitats with multiple vegetative structures and varied hydroperiods. In many cases, the hydrologic connections between these streams and associated wetlands appear to have been disrupted by the construction of SR 99 and other roads. Nevertheless, they provide valuable water quality and hydrologic functions due to their proximity to pollution-generating development and a broad, densely vegetated floodplain that can attenuate flood velocities.

The remainder of the study area (i.e., from the southern end of the South Federal Way Segment through the Fife Segment and the Tacoma Segment) is highly developed with largely commercial and industrial uses, which severely confines many of the wetlands. The majority of the wetlands are depressional, but some are associated with streams. Many wetlands, particularly in the Fife Segment, are managed as roadside ditches. A few forested wetlands remain near the Puyallup River, but they are fragmented by I-5, the Union Pacific Railway, and the Puyallup River levee. These wetlands do not provide high-value habitat, but they do provide limited water quality functions since many abut developed areas.

In many areas, the vegetated buffers of wetlands are degraded and limited by roads, buildings, parking lots, and other impervious surfaces. In residential areas, many buffers include landscaped lawns and other maintained areas. Where wetland buffers overlap stream buffers, the buffers are often less constrained and include riparian vegetation, such as mixed deciduous/coniferous forests.

4.9.2.4 Special-Status Species and Habitats

The following section addresses species and habitats that have special status under statutes, regulations, plans, and policies that have been established to protect ecosystem resources. These include species listed or proposed for listing under the ESA, as well as critical habitat that has been designated or proposed for designation for ESA-listed species; marine mammals that are protected under the Marine Mammal Protection Act (MMPA); and natural resource areas protected under local critical areas ordinances, shoreline master programs, and/or Tribal resource regulations. Many

of these regulations require approval procedures, such as the issuance of environmental permits before project implementation; others require agency consultation.

Threatened and Endangered Species

Three ESA-listed fish species — Puget Sound Chinook salmon, Puget Sound steelhead, and bull trout (all of which are listed as Threatened) — may be present in streams in the action area. Some stream segments in the study area have been designated as critical habitat for these species. These species or critical habitat are known or expected to be present in the following streams in the study area:

- West Fork Hylebos Creek (bull trout, Chinook salmon and steelhead; critical habitat for Chinook salmon and steelhead).
- North Fork Hylebos Creek (bull trout and steelhead).
- SFW-03 and SFW-04 (bull trout and steelhead).
- SMI-01 and SMI-02 (bull trout, Chinook salmon, and steelhead).
- Hylebos Creek (bull trout, Chinook salmon and steelhead; critical habitat for Chinook salmon and steelhead).
- Fife Ditch (steelhead; critical habitat for steelhead).
- Wapato Creek (steelhead; critical habitat for steelhead).
- Puyallup River (Chinook salmon, steelhead, and bull trout; no critical habitat designated due to Tribal ownership of the riverbed and bank).

ESA-listed fish could potentially enter other streams in the study area where natural or human-created barriers do not preclude access. Before initiating ESA Section 7 consultation for this project, Sound Transit would coordinate with USFWS and NMFS to identify stream segments where project-related activities could adversely affect ESA-listed species.

In addition to the fish species identified above, Southern Resident killer whales (listed as Endangered) are known to use habitats in Puget Sound, including Commencement Bay. Although the study area for aquatic species and habitat does not extend into Puget Sound, analyses in this report address the potential for Southern Resident killer whales to be indirectly affected by project-related impacts on their prey species.

The USFWS Information, Planning, and Conservation planning tool identified four ESA-listed wildlife species (marbled murrelet, yellow-billed cuckoo, streaked horned lark, and North American wolverine), and one species proposed for listing (northwestern pond turtle), as potentially occurring in areas that might be affected by the project. None of these species is expected to occur in the study area because no suitable habitat is present (see Appendix J4, Ecosystem Resources Technical Report).

In addition, the USFWS Information, Planning, and Conservation planning tool identified one ESA-listed plant species (marsh sandwort) as potentially occurring in areas that might be affected by the project. As discussed in Appendix J4, this species is not expected to occur in the study area due to lack of suitable habitat and distance from extant populations.

Marine Mammals

Harbor seals, California sea lions, and Steller sea lions often congregate in Commencement Bay. Seals and sea lions have been observed foraging on fish in the Puyallup River in the study area at all times of year. Marine mammals are not expected to be present in any other portions of the study area. Seals and sea lions are protected from harassment and harm under the MMPA. Compliance with the MMPA for in-water work may require coordination with and possibly the issuance of an incidental take permit or incidental harassment authorization by NMFS.

Areas Protected under Local Critical Areas Ordinances

Local critical areas ordinances specify requirements for the protection of two kinds of ecosystem components: fish and wildlife habitat conservation areas and wetlands. Wetlands are described in Section 4.9.2.3, above. The definition and identification of fish and wildlife habitat conservation areas vary among the five jurisdictions (Federal Way, Fife, Milton, Tacoma, and Pierce County) that encompass the TDLE study area. All five jurisdictions identify streams, lakes, and other waters of the state as fish and wildlife habitat conservation areas; these aquatic resources are described in Section 4.9.2.1. Other habitat types and areas identified as fish and wildlife habitat conservation areas under local critical areas ordinances are:

- Priority habitats, as classified by WDFW (Fife and Tacoma).
- State natural area preserves and natural resource conservation areas (Tacoma).
- Areas critical for habitat connectivity, including Open Space Corridors designated in the City's comprehensive plan (Tacoma).
- Areas established by the Puyallup Tribe of Indians Tribal government as habitat areas of Tribal importance for economic, social, cultural, and ceremonial reasons (Fife).
- Special habitat areas, including oak woodlands, prairies, aspen stands, and meadows (Fife).
- Old-growth/mature forests and areas with abundant and well-distributed snags and logs (Pierce County).

The only priority habitats that have been mapped by WDFW in the study area are wetland areas (WDFW 2023a; see Section 4.9.2.3). Riparian areas, another WDFW priority habitat type, are present along surface-flowing streams in the study area but are not mapped by WDFW. The condition of riparian habitats in the study area is described in Section 4.9.2.1. Some of the forested areas in the study area meet WDFW's criteria for the Mature Forest priority habitat type; such areas are labeled as Mature Native Forest in Figures 4.9-1, 4.9-2, and 4.9-3.

There are no state-designated natural area preserves or natural resource conservation areas in the study area. A small portion of an Open Space Corridor designated in the City of Tacoma's comprehensive plan falls within the study area, but it is not crossed by any of the alternative alignments. No oak woodlands, prairies, aspen stands, or meadows have been identified in the study area. The City of Tacoma also protects designated biodiversity areas and corridors, but no mapped biodiversity areas are crossed by any of the alternative alignments.

Sound Transit has initiated conversations with the Puyallup Tribe of Indians to identify any habitat areas of Tribal importance established by the Tribal government within the portion of the study area that lies within the reservation.

Fish and wildlife habitat conservation areas in Federal Way, Milton, Fife, Tacoma, and Pierce County all include areas with which federally listed endangered or threatened species have a primary association. The potential use of habitats by ESA-listed species in the study area is discussed under the heading, Threatened and Endangered Species, above.

The other designations that confer status to certain species under either local critical areas ordinances or shoreline master programs are:

- State listing as endangered, threatened, or sensitive species (all jurisdictions).
- State listing as candidate or monitor species (Fife and Pierce County only).
- Classification as priority species by WDFW (all jurisdictions except Milton and Pierce County).
- Identification as species of local importance (specified in Pierce County only).

All salmonid fish are WDFW priority species and Pierce County species of local importance. In addition, bull trout are a candidate species for state listing. WDFW also identifies seals and sea lions as priority species but considers them a management priority only at haul-outs (WDFW 2008). WDFW (2023a) does not identify any seal or sea lion haul-outs in the study area. No other aquatic species for which fish and wildlife habitat conservation areas may be established are known or expected to be present in the study area.

WDFW (2023a) does not identify any occurrences of priority wildlife species within 0.25 mile of any of the project alternatives. Priority species may nevertheless use habitats in the study area. Forested areas in the study area could provide suitable habitat for the following WDFW priority species: band-tailed pigeon, pileated woodpecker, Vaux's swift, big brown bat, Myotis bats, and Townsend's big-eared bat. Hooded mergansers and wood ducks may nest in forested wetlands. Big brown bats may use bridge structures as roosts or maternity colonies.

Areas Within the Shoreline Jurisdiction

Two streams in the ecosystems study area fall under the jurisdiction of the Shoreline Management Act: Hylebos Creek and the Puyallup River. Portions of the study area near Hylebos Creek fall within the shoreline jurisdictions of Milton, Fife, and Pierce County. Portions of the study area near the Puyallup River fall within the shoreline jurisdictions of Fife and Tacoma. The shoreline master programs of all these governments include provisions to ensure no net loss of ecological function in shoreline areas. These programs also include provisions for the protection of critical areas, including wetlands. In Fife and Tacoma, the standard buffer widths for wetlands in the shoreline regulations are the same as those established in those cities' critical areas regulations; the same is true for Pierce County. The City of Milton approved use of the final draft of the city's shoreline master program, dated September 21, 2020, which includes updated buffer widths for wetlands. Milton's critical areas ordinance was approved in 2006. As a result, wetland buffer widths in Milton's shoreline master program differ from those in the critical areas regulations.

Areas Protected by Tribal Regulations

The Puyallup Tribal Code (Section 15.12 et seq.) establishes district classifications, in substantial compliance with the Puyallup Tribe of Indians Comprehensive Land Use Plan, for all lands within the boundaries of the Puyallup Tribe of Indians Reservation. The locations and boundaries of the zoning districts are shown on the Tribe's official zoning map, which is kept on file in the Tribe's Land Use Office and is available for inspection by Tribal members.

Certain activities on Tribal trust lands may be undertaken only after permits have been issued by the Tribe, such as the construction of buildings or structures within 200 feet of shorelines or wetlands and dredging or filling of watercourses or wetlands (including pile driving). The Puyallup Tribe of Indians also has jurisdiction within the OHWM of the Puyallup River in the study area.

4.9.3 Environmental Impacts

This section identifies and evaluates the potential impacts of the alternatives, including the No-Build Alternative. Methodologies and assumptions incorporated into the analysis are described in the Ecosystem Resources Technical Report (Appendix J4).

4.9.3.1 No-Build Alternative

The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The No-Build Alternative would not have any direct long-term impacts on ecosystem resources in most of the study area. Conversely, implementing the No-Build Alternative would preclude potential beneficial environmental effects over the long term, such as tempering increases in motor vehicle traffic in the region or facilitating the concentration of residential and commercial growth in planned growth centers.

Effects of guideway extension for the OMF South project would include the realignment of the channel of East Fork Hylebos Creek Tributary 0016A, as well as degradation of stream functions and values as a result of decreased forest cover in the stream's riparian buffer. Additional impacts would include the permanent loss of 3 to 4 acres of mature native forest habitat (an additional 6 to 11 acres of mature native forest habitat would fall within the permanent impact footprint of the OMF site), as well as impacts on the following wetlands and/or wetland buffers: Wetlands WFW-01, WFW-03, WFW-04, WFW-06, WFW-07, WFW-11, WFW-12, WFW-13, WFW-15, and WFW-32.

Construction of OMF South would entail removing approximately 420 feet of East Fork Hylebos Creek Tributary 0016A near S 344th Street from culverts and restoring the stream to a surface-flowing channel. Daylighting this segment would increase the amount of aquatic habitat available in the stream system.

Completion of WSDOT's I-5/SR 161/SR 18 Triangle Interchange Vicinity project could affect several wetlands in the South Federal Way Segment. That project would also involve the correction of several fish passage barriers on East Fork Hylebos Creek Tributary 0016A. As of November 2023, the project has been suspended, with no timeline for resumption.

The study area for WSDOT's SR 167 Completion Project intersects the TDLE study area in the Fife and Milton area. The SR 167 Completion Project includes the creation and/or restoration of approximately 2.6 miles of stream habitat and 110 acres of riparian buffer associated with Hylebos Creek, Surprise Lake Creek, and Wapato Creek. Some areas proposed for riparian habitat restoration fall within the TDLE study area, but none of the proposed stream relocation sites do (FHWA and WSDOT 2018). Consequently, habitat restoration completed for the SR 167 Completion Project would increase the availability of high-quality habitat in the TDLE study area.

Several of the wetlands and streams that will be affected by Stages 1a and 1b of the SR 167 Completion Project fall within the TDLE study area and may thus be diminished or even eliminated under the No-Build Alternative. The TDLE study area also includes some sites in Fife

identified by FHWA and WSDOT (2018) as potential wetland mitigation sites. The No-Build Alternative may also include some wetland creation, restoration, and/or enhancement in the study area. The SR 167 Completion Project will also enlarge or replace existing stream crossing structures on SMI-01, Hylebos Creek, Surprise Lake Creek, Fife Ditch Tributary 1, and Fife Ditch. The crossings on SMI-01, Hylebos Creek, and Surprise Lake Creek are in the TDLE study area. These structures will allow for continued fish passage or provide additional fish passage into stream reaches to which access is currently impeded. The new structures also provide additional movement opportunities for terrestrial wildlife, including under I-5 (FHWA and WSDOT 2018).

4.9.3.2 Long-Term Impacts for the Build Alternatives

Under any of the project alternatives, direct long-term impacts on ecosystem resources would occur where permanent features such as project facilities overlap ecosystem components such as streams, stream buffers, structurally complex vegetation, wetlands, or wetland buffers. Long-term impacts of light rail development on ecosystem resources are described below, followed by comparisons of the effects of the alternatives in each segment.

Analyses in this section assume that appropriate measures would be implemented and would perform as expected to avoid and minimize project-related impacts (see Section 4.9.3.5). In all segments, the station design alternatives or options would have no appreciable differences in their impacts on ecosystem resources; therefore, the analyses of the impacts of the alternatives incorporate all stations equally.

Tabular summaries of the impacts of the alternatives on aquatic resources, terrestrial resources, and wetlands are presented in the segment-specific impact analyses. More detailed analyses and figures are presented in the Ecosystem Resources Technical Report (Appendix J4).

Impacts Common to All Alternatives

Areas within about 15 feet of light rail facilities would be cleared for construction. Critical areas and buffers would be restored with native shrubs and other site-appropriate plant species afterward, but trees and other tall vegetation within the vegetative clearance zone near elevated guideways would be permanently removed for track safety. In areas that are currently dominated by invasive species (e.g., Himalayan blackberry, reed canarygrass), post-construction planting would improve habitat conditions by increasing structural and species diversity. In areas that currently support forested habitats, tree removal and replacement with lower-growing species would reduce habitat quality and diversity. Forested vegetation in wetlands and riparian corridors would be permanently converted to lower-growing shrub and emergent vegetation communities, thus reducing wetland and riparian functions.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of ecosystem impacts, just in a smaller geographic area, until the remaining phases were completed.

Aquatic Species and Habitat

Direct long-term impacts on aquatic resources (including special-status species and habitats, as defined in Section 4.9.2.4) would occur where permanent features, such as project facilities, alter in-stream habitat or riparian functions.

Sound Transit has committed to minimizing the need to place existing streams in new culverts and has designed the TDLE alternatives to avoid new stream piping whenever possible. If any

existing culverts must be modified or replaced to accommodate new light rail facilities, or if any new culverts need to be installed, the new or replacement structures would be designed and installed in accordance with WDFW's Water Crossing Design Guidelines (Barnard et al. 2013) and with WDFW's climate change guidance for water crossings (Wilhere et al. 2016). In addition, Sound Transit would coordinate with WSDOT to ensure that the development of TDLE provides adequate space for any future replacement of WSDOT-owned culverts that are currently barriers to fish passage.

At all locations where they cross surface-flowing streams, all the alternatives would be on elevated guideways. At most crossings, the elevated structure would span the stream, and the support columns would be placed on either side, beyond the stream banks and outside the OHWM. Columns would be spaced and located to maximize their distance from streams. As such, at most stream crossings, the streambed and bank would not be modified and there would be no long-term impacts on in-stream habitat. Unavoidable impacts on streams are discussed in the analyses of segment-specific impacts, below. Table 4.9-2 presents a comparison of the project alternatives' potential impacts on aquatic species and habitat based on the length of stream centerlines and the amount of stream buffer area within the permanent impact footprint of each alternative in each segment.

Table 4.9-2 Potential Long-Term Impacts on Aquatic Resources by Alternative

Alternative	Stream Impact by Water Type[1, 2]	Affected Stream(s)	Stream Buffer Impact (acres)[1, 3]
Federal Way Segment			
Preferred FW Enchanted Parkway	Type F: 900 linear feet	East Fork Hylebos Creek Tributary 0016A	2.0
Preferred FW Enchanted Parkway with Design Option	Type F: 1,000 linear feet	East Fork Hylebos Creek Tributary 0016A	2.6
South Federal Way Segment			
SF Enchanted Parkway	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	2.8
	Type F: 100 linear feet (0.03 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek	
SF I-5	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	5.6
	Type F: 900 linear feet (0.03 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek	

Table 4.9-2 Potential Long-Term Impacts on Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1, 2]	Affected Stream(s)	Stream Buffer Impact (acres)[1, 3]
SF 99-West	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	3.7
	Type F: 100 linear feet (0.02 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek	
	Type Ns: 350 linear feet	SFW-02 SMI-03	
SF 99-West with Porter Way Design Option	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	4.3
	Type F: 200 linear feet (0.12 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SMI-02	
	Type Ns: 350 linear feet	SFW-02 SMI-03	
SF 99-East	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	4.3
	Type F: 300 linear feet (0.01 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-02	
	Type Ns: 250 linear feet	SMI-03	
SF 99-East with Porter Way Design Option	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	4.7
	Type F: 400 linear feet (0.12 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-02	
	Type Ns: 250 linear feet	SMI-03	

Table 4.9-2 Potential Long-Term Impacts on Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1, 2]	Affected Stream(s)	Stream Buffer Impact (acres)[1, 3]
Fife Segment			
Fife Pacific Highway/ Fife Median[4]	Type F: 50 linear feet	Wapato Creek	0.2
	Type Np 400 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2	
Fife Pacific Highway/ Fife Median with either 54th Avenue Design Option[4, 5]	Type F: 50 linear feet	Wapato Creek	0.2
	Type Np 300 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2	
Fife I-5	Type F: 50 linear feet	Wapato Creek	0.2
	Type Np 300 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 2	
Fife I-5 with either 54th Avenue Design Option[5]	Type F: 50 linear feet	Wapato Creek	0.2
	Type Np 200 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 2	
Tacoma Segment[6]			
Preferred Tacoma 25th Street-West	Type S: 0.4 acre	Puyallup River	0.1
Tacoma 25th Street-East	Type S: 0.4 acre	Puyallup River	0.1
Tacoma Close to Sounder	Type S: 0.4 acre	Puyallup River	0.1
Tacoma 26th Street	Type S: 0.4 acre	Puyallup River	0.1

Notes:

(1) Impacts on most streams are reported as the length of the stream's centerline that falls within the permanent impact footprint, rounded to the nearest 50 linear feet. Based on the size and breadth of the Puyallup River, impacts on that watercourse are reported as the area (in acres) of the river that falls within the permanent impact footprint. As discussed in Appendix J4, the values in this table do not necessarily represent actual anticipated impacts, such as filling stream channels or enclosing them in pipes. Instead, these values indicate the relative degree of potential impacts on streams and stream buffers. See text for discussion.

(2) Stream typing in accordance with WAC 222-16-030.

(3) Buffer impact values represent all affected areas inside functional stream buffers, including areas that overlap wetland buffers.

(4) The impacts of the Fife Pacific Highway and Fife Median alternatives on all streams would be identical.

(5) The impacts of the 54th Avenue and 54th Span design options for the Fife Segment alternatives on all streams would be identical.

(6) Under any of the Tacoma Segment alternatives, the design options for the bridge crossing the Puyallup River would have different impacts that are not reflected in the permanent impact footprint. See text for discussion.

Where an alternative overlaps a stream's riparian buffer, the ecological function of that buffer would be diminished or eliminated. Substantial decreases in riparian function would occur where areas of tree or shrub cover in a stream's riparian zone are converted to light rail facilities or to vegetation types (e.g., lawns, ornamental landscaping) with less structural or compositional diversity. Where riparian vegetation, regardless of current condition, is removed altogether, potential future riparian functions would be eliminated. Potentially affected riparian functions and processes include fish and wildlife habitat provision; food chain support; water temperature moderation; infiltration; groundwater recharge and discharge; sediment delivery, transport, and storage; organic matter input; nutrient and pathogen removal; and stream channel formation and maintenance. In all four TDLE project segments, none of the alternatives would entail the construction of at-grade guideways immediately adjacent to streams or their associated riparian areas.

Additional impacts may occur where guideways pass over surface-flowing streams. Shade from structures placed over streams may affect the behavior of fish and the productivity of the food web in the affected stream segments. Out-migrating juvenile salmonids may respond to shadows from overwater structures by pausing at the upstream end of the darkened area or moving into deeper waters, potentially increasing their vulnerability to predation (Kemp and Williams 2008; Moore et al. 2013). Shade from overwater structures may also provide hiding cover for potential predators.

Runoff from impervious surfaces created or replaced for construction and operation of TDLE would be detained and/or treated, as appropriate, in accordance with the Sound Transit Design Criteria Manual and applicable local, state, and federal requirements. Appropriate treatment of runoff from PGIS would reduce the concentration of contaminants that enter receiving waters. However, water that passes through stormwater management facilities may still contain contaminants (albeit in reduced concentrations) that can harm fish in receiving waters. These impacts could extend a considerable distance downstream, potentially affecting fish, including ESA-listed species, in stream reaches outside of the study area. In addition, during major storm events, the capacity of those facilities may be exceeded, and some runoff may enter streams and other surface waters without receiving treatment.

Based on Sound Transit's commitment to design the proposed project to meet all applicable stormwater management requirements, none of the alternatives would be expected to have long-term adverse effects on flow regimes in streams. Peak stream flows would not increase because the stormwater systems built for the proposed project would be designed to simulate predevelopment hydrology. Additional measures to reduce stormwater runoff, such as low-impact development or other on-site measures, would be considered at a more advanced phase of project development.

Operation of TDLE would not be expected to increase nighttime illumination of fish-bearing waters (which could increase the risk of predation on juvenile salmonids) because the tracks would have no overhead lighting and the train headlights would be directed parallel to the tracks.

Vegetation, Wildlife, and Wildlife Habitat

Long-term impacts on vegetation and wildlife habitat (including areas that receive protection under local or Tribal resource regulations) would vary, depending on the affected land cover type. In much of the study area, the replacement of existing impervious surfaces and structures would constitute a minimal change in ecological functions, such as the capacity to support wildlife. In such areas, grass and low-growing vegetation along the alignment would provide some habitat for ground-dwelling small mammals, such as mice and voles.

The severity of impacts on plants and animals would be greater where cover types dominated by native or structurally complex vegetation (i.e., the mature native forest, other native forest, or wetland/stream cover types, including forested wetlands) are affected. Removing trees, snags, and understory vegetation would eliminate nesting and foraging sites for birds, roosting sites for bats, and hiding cover for small mammals. Alternatives that affect a greater area of such habitat types would have a higher likelihood of adverse effects on vegetation and wildlife. Table 4.9-3 presents a comparison of potential impacts on the two native forest cover types. Potential long-term impacts on the wetland/stream cover type are addressed in the analyses of impacts on wetlands and aquatic habitats.

Table 4.9-3 Potential Long-Term Impacts on Native Forest Habitats by Alternative

Alternative	Impacts on Mature Native Forest (acres)	Impacts on Other Native Forest (acres)
Federal Way Segment		
Preferred FW Enchanted Parkway (with or without Design Option)	2	3
South Federal Way Segment		
SF Enchanted Parkway	1	10
SF I-5	1	16
SF 99-West	0	9
SF 99-West with Porter Way Design Option	1	9
SF 99-East	0	8
SF 99-East with Porter Way Design Option	1	8
Fife Segment		
Fife Pacific Highway/Fife Median[1]	0	1
Fife Pacific Highway/Fife Median with either Design Option[2]	0	2
Fife I-5 with or without either Design Option[2]	0	1
Tacoma Segment		
All Alternatives	0	0

Notes:
(1) The impacts of the Fife Pacific Highway and the Fife Median alternatives would be identical.
(2) The impacts of the 54th Avenue and 54th Span design options for the Fife I-5 Alternative would be identical.

The severity of impacts would depend on the type of structure. Construction and operation of at-grade segments of guideway would entail the permanent removal of nearly all vegetation within the permanent impact footprint. In contrast, vegetation would be able to grow underneath elevated structures in some areas, although the vegetation would be limited by the reduced availability of sunlight and water. Where elevated structures are built over critical areas and buffers, disturbed areas would be revegetated with native species. As discussed above, to minimize operational conflicts while still providing habitat benefits, areas within about 15 feet of elevated structures would typically be planted with smaller-stature trees and shrubs.

TDLE operations would entail moderate to high levels of human activity and associated noise and light. Notably, all the alternative alignments and station locations are adjacent to I-5 or other high-use roadways and are in developed areas with existing relatively high levels of human activity. Wildlife present in habitats in or near the project alternatives are regularly exposed to these sources of disturbance.

If activity or noise levels noticeably exceed current conditions, affected animals may be displaced from otherwise suitable habitat, potentially leading to competition with animals that occupy suitable habitat at other sites with less disturbance. Such competition may produce

increased stress and decreased reproductive success for affected individuals. Animals displaced from areas of suitable habitat may be exposed to an elevated risk of predation or vehicle collisions while they are seeking new areas of suitable habitat. Based on the limited amount of area that would be affected under any of the alternatives, such effects would not be expected to measurably reduce the regional populations of any wildlife species. None of the project alternatives is within 0.25 mile of a documented breeding area or other sensitive site for any special-status wildlife species.

Long-term impacts on the movement of wildlife through the study area would vary depending on the type of structure. Animals would be able to pass beneath elevated guideway segments. The general lack of vegetation in at-grade segments would likely pose a barrier to movement. Under any of the alternatives, most of the guideway would be on elevated structures and would run parallel to I-5 and other roadways that currently impede the movement of wildlife. As such, none of the alternatives would be expected to substantially alter the already impeded movement of wildlife through the study area.

Wetlands

Any of the build alternatives would have direct, long-term impacts on wetlands and wetland buffers. Filling or excavating for column placement or at-grade guideway construction would reduce the area and function of wetlands and their buffers by permanently modifying vegetation, hydric soils, and/or hydrology. Grading and filling can permanently change a wetland's capacity to store stormwater, filter pollutants, protect stream banks, and provide habitat for wildlife.

The analysis of impacts on wetlands is based on the total area of any wetland or buffer that is within the permanent footprint of the guideway, regardless of the guideway's profile at that location. Although elevated guideways would not permanently fill every wetland identified within the permanent impact footprint, some wetland areas below elevated guideways would likely experience long-term effects due to shading and reduced rainfall.

Direct long-term impacts on wetlands per segment and alternative are found in Table 4.9-4, below.

Table 4.9-4 Potential Long-Term Wetland Impacts by Alternative

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]
Federal Way Segment				
Preferred FW Enchanted Parkway	0.54	Category II: 0.20 Category III: 0.34 Category IV: <0.01	WFW-03, WFW-06, WFW-11, WFW-13, WFW-15, WFW-32	2.78
FW Design Option	0.56	Category II: 0.20 Category III: 0.36 Category IV: <0.01	WFW-03, WFW-06, WFW-07, WFW-11, WFW-13, WFW-15	3.18

Table 4.9-4 Potential Long-Term Wetland Impacts by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]
South Federal Way Segment				
SF Enchanted Parkway	2.65	Category I: 0.16 Category II: 1.67 Category III: 0.83 Category IV: <0.01	WFW-17, WFW-19, WFW--24, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WPCFI-02, WPCMIFI-01	5.79
SF I-5	3.77	Category I: 0.16 Category II: 1.67 Category III: 1.93 Category IV: <0.01	WFW-19, WFW-20, WFW--21, WFW-24, WFW-26, WFW-27, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WPCFI-02, WPCMIFI-01	8.52
SF 99-West	6.31	Category I: 1.11 Category II: 4.65 Category III: 0.54 Category IV: 0.01	WFW-36, WFW-38, WFW-39, WFW-43, WFW-44, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-10, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	11.18
SF 99-West with Porter Way Design Option	6.68	Category I: 1.18 Category II: 4.97 Category III: 0.54	WFW-36, WFW-38, WFW-39, WFW-43, WFW-44, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-09b, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	11.38
SF 99-East	7.33	Category I: 1.02 Category II: 6.01 Category III: 0.30	WFW-34, WFW-36, WFW-37, WFW-39, WFW-42, WFW-43, WFW-47, WMI-09a, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	10.95
SF 99-East with Porter Way Design Option	7.75	Category I: 1.09 Category II: 6.37 Category III: 0.30	WFW-34, WFW-36, WFW-37, WFW-39, WFW-42, WFW-43, WFW-47, WMI-09a, WMI-09b, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	11.13
Fife Segment				
Fife Pacific Highway	2.24	Category II: 0.01 Category III: 0.97 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.76
Fife Pacific Highway and 54th Avenue Design Option	2.04	Category II: 0.01 Category III: 0.77 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.70
Fife Pacific Highway and 54th Span Design Option	2.29	Category II: 0.01 Category III: 0.87 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30, WFI-33	3.90
Fife Median	2.24	Category II: 0.01 Category III: 0.97 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.76
Fife Median and 54th Avenue Design Option	2.04	Category II: 0.01 Category III: 0.77 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.70

Table 4.9-4 Potential Long-Term Wetland Impacts by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]
Fife Median and 54th Span Design Option	2.29	Category II: 0.01 Category III: 1.02 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30, WFI-33	3.90
Fife I-5	3.16	Category II: 0.07 Category III: 1.82 Category IV: 1.26	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30,	3.38
Fife I-5 and 54th Avenue Design Option	2.96	Category II: 0.07 Category III: 1.63 Category IV: 1.26	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.28
Fife I-5 and 54th Span Design Option	3.20	Category II: 0.07 Category III: 1.87 Category IV: 1.26	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-11, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30, WFI-33	3.48
Tacoma Segment				
Preferred Tacoma 25th Street-West	<0.01	Category III: <0.01	WTA-04	0.05
Tacoma 25th Street-East	<0.01	Category III: <0.01	WTA-04	0.05
Tacoma Close to Sounder	<0.01	Category III: <0.01	WTA-04	0.05
Tacoma 26th Street	<0.01	Category III: <0.01	WTA-04	0.05

Notes:
(1) Totals may vary from the sum of individual numbers due to rounding.
(2) Wetland ratings (Hruby and Yahnke 2023) are preliminary and subject to review by permit authorities.
(3) Values presented in this table represent all affected areas inside functional wetland buffers, including areas that overlap with stream buffers. Wetland areas and stream areas, defined by the OHWM, are excluded from wetland buffer areas.

Federal Way Segment

Aquatic Species and Habitats

The potential long-term impacts to streams and stream buffers for alternatives in the Federal Way Segment are compared in Table 4.9-2. The alignment of the Preferred FW Enchanted Parkway Alternative would parallel East Fork Hylebos Creek Tributary 0016A for approximately 0.5 mile, from near S 336th Street to near S 344th Street. Approximately 900 linear feet of East Fork Hylebos Creek Tributary 0016A (surface-flowing) fall within the permanent impact footprint of this alternative.

The guideway in this area would be elevated. Nearly all of the existing forested riparian habitat along that stretch of stream would be cleared for construction, and trees would not be allowed to grow back within 15 feet of the guideway and associated facilities. Impacts in this reach would include the permanent conversion of forested riparian habitat to scrub/shrub-dominated habitats, degradation of stream functions and values as a result of loss of forested riparian cover, and channel relocation and reconfiguration.

Approximately 1,700 feet of the stream channel in this area would be realigned and relocated approximately 40 to 70 feet west of the elevated guideway. Currently, much of East Fork Hylebos Creek Tributary 0016A in this area is confined within a straight and narrow channel that lacks complexity. The design for the realigned stream channel is expected to include meanders and other features to enhance the availability and diversity of aquatic habitats. Large woody debris would be placed in and near the stream channel to provide additional habitat complexity. In some areas, the width of the vegetated riparian area would be constrained by project features; in other areas, opportunities to increase the width of the vegetated riparian area may arise. The actual layout of the stream channel would be developed as the design advances in consultation with Tribes, permitting agencies, and other stakeholders.

Some segments of the stream in this area would be within the permanent impact footprint but would not be relocated. Long-term impacts to those stream segments would be associated with reductions in the width of the vegetated riparian zone, as described below.

The FW Design Option at the northern end of the mainline tracks would affect approximately 100 linear feet more of East Fork Hylebos Creek Tributary 0016A than the Preferred FW Enchanted Parkway Alternative (Table J4.4-1). The FW Design Option would intersect the northern end of the stream in Belmor; the Preferred FW Enchanted Parkway Alternative would avoid it altogether.

Vegetation, Wildlife, and Wildlife Habitat

The potential long-term impacts to native forest habitat for alternatives in the Federal Way Segment are compared in Table 4.9-3. Approximately 2 acres of mature native forest habitat and 3 acres of other native forest habitat along I-5 south of S 336th Street would be impacted, reducing the amount of habitats that provide high-value ecosystem functions. The Preferred FW Enchanted Parkway Alternative and the FW Design Option would have similar impacts on native forest cover.

Wetlands

The potential long-term impacts to wetlands and wetland buffers for alternatives in the Federal Way Segment are compared in Table 4.9-4. Both the Preferred FW Enchanted Parkway Alternative and the FW Design Option have a little more than a half an acre of direct long-term impacts; however, the Preferred FW Enchanted Parkway Alternative would have fewer direct long-term impacts to wetlands. Additional impacts under the Design Option include impacts to Wetland WFW-07 and its buffer, a Category III wetland located at the northern end of the track. In this segment, the tracks would be elevated in areas where the tracks intersect wetland areas, particularly in the southern portion of this segment.

South Federal Way Segment

Aquatic Species and Habitats

The potential long-term impacts to streams and stream buffers for alternatives in the South Federal Way Segment are compared in Table 4.9-2. South of S 344th Street, the SF I-5 Alternative would continue to follow the course of East Fork Hylebos Creek Tributary 0016A for 0.6 mile south of the Federal Way Segment, affecting forested riparian habitat in the I-5/SR 18 interchange and immediately upstream of the culvert where the stream passes under I-5. These impacts would be similar in kind to those described for the Preferred FW Enchanted Parkway Alternative, above.

The SF I-5 Alternative would also likely require the realignment of an additional approximately 1,500 feet of the stream, where it is paralleled by the guideway south of the I-5/SR 18 interchange. As discussed above, reconfiguration may provide opportunities for habitat improvements, such as adding channel sinuosity and habitat complexity.

By turning westward and following SR 161 or SR 99 through this area, the other alternatives would avoid most of these impacts. Compared to the other alternatives, the SF I-5 Alternative would affect substantially more stream channel and buffer habitat than any of the other alternatives. As a result of stream crossings along SR 99, the SF 99-West and SF 99-East alternatives would affect more stream and stream buffer habitat than the SF Enchanted Parkway Alternative. The Porter Way Design Option for the SF 99-West and SF 99-East alternatives would parallel West Fork Hylebos Creek for approximately 1,700 feet and would add a stream crossing, resulting in greater impacts on streams and stream buffers.

Where they cross West Fork Hylebos Creek and Hylebos Creek (both of which are documented salmon-bearing streams), all South Federal Way Segment alternatives would permanently reduce forested habitat in the streams' riparian buffers. These impacts could affect the future riparian restoration areas along Hylebos Creek for the SR 167 Completion Project planned by WSDOT (see Chapter 5, Cumulative Impacts). Construction within 200 feet of Hylebos Creek would require permanent vegetation removal within the shoreline jurisdiction.

Both the SF 99-West Alternative and the SF 99-East Alternative would affect parcels near SR 99 that have been acquired or that are planned for acquisition by the City of Federal Way for conservation and restoration of West Fork Hylebos Creek. None of the other alternatives would affect any city-owned parcels that are identified as conservation priorities. Both the SF 99-West Alternative and the SF 99-East Alternative would affect two Tribal parcels that contain wetlands and riparian habitat associated with West Fork Hylebos Creek. The Porter Way Design Option would avoid impacts to ecological resources on the two Tribal parcels.

South of S 344th Street, the SF I-5 Alternative would continue to follow the course of East Fork Hylebos Creek Tributary 0016A for another 0.6 mile, clearing forested riparian habitat in the I-5/SR 18 interchange and immediately upstream of the culvert where the stream passes under I-5. This alternative would also likely require the relocation of an additional approximately 1,500 feet of the stream, where it is paralleled by the guideway south of the I-5/SR 18 interchange. By turning westward and following SR 161 through this area, the SF Enchanted Parkway Alternative would avoid these impacts. Compared to the SF Enchanted Parkway Alternative, the SF I-5 Alternative would impact more than twice as much of the stream and its buffer.

Vegetation, Wildlife, and Wildlife Habitat

The potential long-term impacts to native forest habitat for alternatives in the South Federal Way Segment are compared in Table 4.9-3. The SF Enchanted Parkway Alternative and the SF I-5 Alternative would impact approximately 1 acre of mature native forest habitat along West Fork Hylebos Creek. The SF 99-West and SF 99-East alternatives would avoid this patch of mature forest, but the Porter Way Design Option for either of those alternatives would overlap a little more than 0.5 acre of the patch.

The greatest area of potential impacts on the other native forest cover type would occur under the SF I-5 Alternative, which would affect several patches of other native forest south of the I-5/SR 18 interchange. All other alternatives would avoid these patches.

Wetlands

The potential long-term impacts to wetlands and wetland buffers for alternatives in the South Federal Way Segment are compared in Table 4.9-4. The SF Enchanted Parkway Alternative would have substantially fewer long-term impacts on wetlands than all other alternatives in this segment. The SF I-5 Alternative has approximately 1.1 acres more of impacts than the SF Enchanted Parkway Alternative and would affect four additional wetlands (WFW-20, WFW-21, WFW-26, and WFW-27) — all of which are associated with East Fork Hylebos Creek Tributary 0016A — that would be avoided by the SF Enchanted Parkway Alternative. These four wetlands generally have moderate functions and are rated Category II and III.

The two SR 99 alternatives have substantially more (2 to 3 times more) impacts than the SF Enchanted Parkway Alternative. Of the two SR 99 alternatives, the SF 99-West Alternative has the fewest impacts to wetlands and their buffers. The majority of impacts to wetlands along the SR 99 alternatives affect Category II wetlands. However, the alternatives would also affect Category I wetlands. Many of the wetlands found under the two alternatives are associated with West Fork Hylebos Creek, North Fork Hylebos Creek, and their tributaries and provide valuable habitat to fish and other wildlife. The Porter Way Design Option to the SF 99-West and SF 99-East alternatives, would add more than one-third acre of direct, long-term impacts by crossing West Fork Hylebos Creek twice and affecting its associated wetlands, Wetlands WMI-09b and WMI-09a, both Category II wetlands.

Fife Segment

Aquatic Species and Habitats

The potential long-term impacts to streams and stream buffers for alternatives in the Fife Segment are compared in Table 4.9-2. Under all three alternatives, construction and operation of the elevated preferred Fife Station and associated ground-level facilities would require approximately 150 linear feet of Fife Ditch Tributary 1 to be relocated and/or placed in a new culvert. These impacts would not occur if either of the station design options at 54th Avenue E is implemented. Fife Ditch and Fife Ditch Tributary 1 are considered non-fish bearing and function only as stormwater conveyance.

The Fife Pacific Highway, Fife Median, and the Fife I-5 alternatives and associated design options would be on elevated guideways throughout the Fife Segment. As such, long-term impacts on most streams would be associated only with shading from overhead structures and with riparian vegetation clearing. Other than the impacts of the preferred Fife Station on Fife Ditch Tributary 1, no in-water work, relocation of streams, or alteration of in-stream habitat is anticipated for any of the alternatives in the Fife Segment.

All of the Fife Segment alternatives would have the same amount of impact on the one fish-bearing stream (Wapato Creek) that they would cross. In addition, all of the alternatives would affect the same amount of stream buffer on fish-bearing streams (Hylebos Creek and Wapato Creek). Under any of the alternatives, neither of the design options would modify the effects of the alternatives on fish-bearing streams or their buffers.

Riparian habitat conditions at these stream crossings are generally degraded, consisting primarily of willow, reed canarygrass, and Himalayan blackberry, with few trees present at some sites. As such, the impacts of the alternatives on aquatic habitats and species in the Fife Segment would likely be less severe than at stream crossings in other segments. However, the presence of light rail structures in all these areas would limit options for riparian habitat restoration in the future.

Vegetation, Wildlife, and Wildlife Habitat

The potential long-term impacts to native forest habitat for alternatives in the Fife Segment are compared in Table 4.9-3. None of the Fife alternatives would impact mature native forest. All alternatives and design options would have similar effects on areas of the other native forest or wetland/stream cover types.

Wetlands

The potential long-term impacts to wetlands and wetland buffers for alternatives in the Fife Segment are compared in Table 4.9-4. The Fife Pacific Highway and Fife Median alternatives would have fewer impacts on wetlands and their buffers than the Fife I-5 Alternative. This difference is largely because the alternatives along Pacific Highway E would avoid Wetland WFI-02 altogether (a Category III wetland). In addition, the alternative alignments along Pacific Highway E would affect a much smaller area of Wetland WFI-08a, a Category III wetland associated with Wapato Creek, compared to the Fife I-5 Alternative. The 54th Avenue Design Option would have fewer impacts than the 54th Span Design Option, primarily because the 54th Avenue Design Option avoids impacting Wetland WFI-33 and WFW-11, both Category III wetlands.

The preferred Fife Station would result in some long-term impacts on Wetland WFI-17. Neither the 54th Avenue Design Option station nor the 54th Span Design Option station would directly affect wetlands.

Tacoma Segment

Aquatic Species and Habitats

The potential long-term impacts to streams and stream buffers for alternatives in the Tacoma Segment are compared in Table 4.9-2. The long-term impacts of the alternative in the Tacoma Segment on aquatic resources would be essentially identical and would be associated with shading and placement of permanent in-water structures. Under all four alternatives, the construction of elevated guideway over a piped segment of First Creek would not be expected to affect that stream. Under any of the alternatives, the long-span and pier-supported options for the bridge crossing the Puyallup River would have markedly different impacts.

All four alternatives would cross the Puyallup River downstream (northwest) of the I-5 bridge. If the long-span bridge option is selected, the impacts of the bridge on aquatic habitats would be minimal. The bridge would be narrower and substantially higher above the water than the existing I-5 bridge. As a result, the shadow it casts on the water would be smaller and more diffuse than that of the existing bridge. No in-water structures would be needed to support a long-span bridge.

In contrast, a pier-supported bridge would not be as high above the water as a long-span bridge, and the presence of piers in the river would affect habitat conditions for fish, including ESA-listed Chinook salmon, steelhead, and bull trout. Bridge piers and bridge structures can cast shade and create areas of slow water, both of which may provide favorable habitat conditions for predators of special-status fish. The light rail bridge would increase the amount of river habitat affected by piers and overhead structures.

In-water piers would permanently displace benthic (riverbed) habitat, as well as affect patterns of scour and deposition, which can affect prey resources for fish. As discussed in Section 4.9.2.1, however, the Puyallup River in the study area likely serves primarily as a migratory corridor for salmonids. For this reason, combined with the footprint of the piers,

impacts on riverbed habitat would not be expected to have appreciable adverse effects on salmonids. The primary risks to fish would be associated with in-water work for installation of temporary work trestles and support piers. Impacts of these activities are described in Section 4.9.3.3, Construction Impacts for the Build Alternatives.

Vegetation, Wildlife, and Wildlife Habitat

The potential long-term impacts to native forest habitat for alternatives in the Tacoma Segment are compared in Table 4.9-3. None of the alternatives in the Tacoma Segment would have any measurable long-term impacts on native forest habitat.

Wetlands

The potential long-term impacts to wetlands and wetland buffers for alternatives in the Tacoma Segment are compared in Table 4.9-4. The Tacoma alternatives would have minimal (less than 0.01 acre) long-term impacts on Wetland WTA-04, which is a Category III wetland associated with the Puyallup River.

4.9.3.3 Construction Impacts for the Build Alternatives

Temporary, construction-related impacts would occur where streams, stream buffers, structurally complex vegetation, wetlands, or wetland buffers are affected by clearing and ground-disturbing work but are revegetated following construction. Construction-related impacts of light rail development on ecosystem resources are described below, followed by comparisons of the effects of the alternatives in each segment. Analyses in this section assume that appropriate measures would be implemented and would perform as expected to avoid and minimize impacts during construction (see Section 4.9.3.5). More detailed analyses and figures are presented in the Ecosystem Resources Technical Report (Appendix J4).

If construction of TDLE parking facilities at stations in both South Federal Way and Fife is deferredup to 3 years after initial service opens, the same construction-related effects on ecosystem resources would also apply at these two station locations at the time the parking facilities are constructed.

Impacts Common to All Alternatives

Aquatic Species and Habitat

Temporary, construction-related impacts on aquatic resources (including special-status species and habitats) would occur where streams and stream buffers (i.e., riparian habitat) are affected by clearing and ground-disturbing work but are revegetated following construction. As discussed in the next subsection, the duration of temporary impacts on riparian habitat would vary depending on the type of vegetation that is affected. In addition, ground-disturbing work and equipment use in or near surface-flowing waters would present the risk of delivering sediment or contaminants (e.g., fuel, hydraulic fluids) to streams, temporarily degrading water quality. Evaluations of the potential impacts of the alternatives are based on the length of surface-flowing streams and the area of stream buffer within the construction impact footprint for each alternative (Table 4.9-5).

Table 4.9-5 Potential Construction-Related Impacts on Aquatic Resources by Alternative

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Federal Way Segment				
Preferred FW Enchanted Parkway	Type F: 850 linear feet	East Fork Hylebos Creek Tributary 0016A	5.0	East Fork Hylebos Creek Tributary 0016A
Preferred FW Enchanted Parkway with Design Option	Type F: 950 linear feet	East Fork Hylebos Creek Tributary 0016A	5.3	East Fork Hylebos Creek Tributary 0016A
South Federal Way Segment				
SF Enchanted Parkway	Type S: 450 linear feet	Hylebos Creek	6.9	Hylebos Creek East Fork Hylebos Creek Tributary 0016A SFW-01 West Fork Hylebos Creek SMI-01
	Type F: 2,200 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SMI-01		
SF I-5	Type S: 450 linear feet	Hylebos Creek	11.5	Hylebos Creek East Fork Hylebos Creek Tributary 0016A SFW-01 West Fork Hylebos Creek SMI-01
	Type F: 3,200 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SMI-01		
SF 99-West	Type S: 450 linear feet	Hylebos Creek	7.1	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 2,050 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-04 SMI-01 SMI-02		
	Type Ns: 50 linear feet	SFW-02 SMI-03		
SF 99-West with Porter Way Design Option	Type S: 450 linear feet	Hylebos Creek	12.9	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 2,950 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-04 SMI-01 SMI-02		
	Type Ns: 50 linear feet	SFW-02 SMI-03		

Table 4.9-5 Potential Construction-Related Impacts on Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
SF 99-East	Type S: 450 linear feet	Hylebos Creek	7.4	Hylebos Creek East Fork Hylebos Creek Tributary 0016A North Fork Hylebos Creek West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 2,150 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02		
	Type Ns: <50 linear feet	SFW-02 SMI-03		
SF 99-East with Porter Way Design Option	Type S: 450 linear feet	Hylebos Creek	13.2	Hylebos Creek East Fork Hylebos Creek Tributary 0016A North Fork Hylebos Creek West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 3,000 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02		
	Type Ns: <50 linear feet	SFW-02 SMI-03		
Fife Segment				
Fife Pacific Highway/ Fife Median	Type S: <50 ft	Hylebos Creek	0.5	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek		
	Type Np 1,250	Fife Ditch Fife Ditch Tributary 1 Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		
Fife Pacific Highway/ Fife Median with either 54th Avenue Design Option	Type S: <50 ft	Hylebos Creek	0.6	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek		
	Type Np 1,750 linear feet	Fife Ditch Fife Ditch Tributary 1 Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		
Fife I-5	Type S: <50 ft	Hylebos Creek	1.0	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Fife Ditch Tributary 1 Fife Ditch Wapato Creek Erdahl Ditch Tributary 2		
	Type Np 1,400 linear feet	Fife Ditch Tributary 1 Fife Ditch Wapato Creek Erdahl Ditch Tributary 2		

Table 4.9-5 Potential Construction-Related Impacts on Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Fife I-5 with either 54th Avenue Design Option	Type S: <50 ft	Hylebos Creek	1.0	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek		
	Type Np 2,000 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 2		
Tacoma Segment[4]				
Preferred Tacoma 25th Street-West	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River
Tacoma 25th Street-East	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River
Tacoma Close to Sounder	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River
Tacoma 26th Street	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River

Notes:

(1) Impacts on most streams are reported as the length of the stream's centerline that fall within the construction impact footprint, rounded to the nearest 50 feet. Based on the size and breadth of the Puyallup River, impacts on that watercourse are reported as the area (in acres) of the river that falls within the construction impact footprint. As discussed in the introduction to Chapter 4, the values in this table do not necessarily represent actual anticipated impacts, such as filling stream channels or enclosing them in pipes. Instead, these values indicate the relative degree of potential impacts on streams and stream buffers. See text for discussion.

(2) Stream typing in accordance with WAC 222-16-030.

(3) Buffer impact values represent all affected areas inside functional stream buffers, including areas that overlap wetland buffers.

(4) Under any of the Tacoma Segment alternatives, the design options for the bridge crossing the Puyallup River would have different impacts that are not reflected in the construction-related impact footprint. See text for discussion.

Vegetation, Wildlife, and Wildlife Habitat

Construction-related impacts on terrestrial resources (including areas that receive protection under local critical areas ordinances) would include temporary loss or degradation of terrestrial habitats as well as disturbance due to construction-related noise, light, and human activity. If bats are using existing structures in the study area (e.g., highway bridges over Hylebos Creek and the Puyallup River) for roosting sites or maternity colonies, these behaviors may be disrupted by construction activities. Nesting birds on such structures may similarly be disturbed or displaced.

The duration of temporary impacts would vary depending on the type of vegetation that is affected. Impacts on grasses and areas dominated by fast-growing invasive species would generally be short-lived, with functions typically returning to pre-impact levels within one growing season. In contrast, temporary impacts on woody vegetation generally last longer because trees and/or shrubs require several years or decades to achieve the size and stature necessary to provide pre-impact functions, such as canopy habitat.

Areas cleared for construction would be susceptible to colonization by noxious weeds and other invasive plants. The risk of colonization would be proportional to the amount of area temporarily disturbed by construction; an alternative with a greater extent of ground disturbance would pose a higher risk of contributing to the establishment or spread of noxious weeds and invasive plants.

Table 4.9-6 presents a comparison of potential construction-related impacts on the two native forest cover types, as well as the total extent of the area that would be affected by construction-related clearing under each alternative. Evaluations of the potential impacts of the alternatives are based on the area of the native forest cover types and the total area within the construction impact footprint for each alternative (Table 4.9-6). It is conservatively assumed for this analysis that all areas within that footprint will be cleared; the actual extent of temporary clearing would be determined as the project design advances. See Appendix J4 for additional explanation.

Table 4.9-6 Potential Construction-Related Impacts on Vegetation, by Alternative

Alternative	Mature Native Forest (acres)	Other Native Forest (acres)	All Other Cover Types (acres)[1]	Total Temporary Impact Area (acres)
Federal Way Segment				
Preferred FW Enchanted Parkway	4	8	35	47
Preferred FW Enchanted Parkway with FW Design Option	4	8	37	49
South Federal Way Segment				
SF Enchanted Parkway	1	17	62	80
SF I-5	1	21	46	68
SF 99-West	0	14	73	87
SF 99-West with Porter Way Design Option	2	15	77	94
SF 99-East	0	12	79	91
SF 99-East with Porter Way Design Option	2	12	85	99
Fife Segment				
Fife Pacific Highway/Fife Median[2]	0	3	59	62
Fife Pacific Highway/Fife Median with either Design Option[3]	0	3	52	55
Fife I-5	0	2	62	64
Fife I-5 with either Design Option[3]	0	2	61	63
Tacoma Segment				
Preferred Tacoma 25th Street-West	0	<0.5	45	45
Tacoma 25th Street-East	0	<0.5	45	45
Tacoma Close to Sounder	0	<0.5	31	31
Tacoma 26th Street	0	1	32	33

Notes:

(1) Other cover types include commercial, residential, grassland, invasive brush, non-native forest, wetland/stream, river channel, and stormwater pond.

(2) The impacts of the Fife Pacific Highway and the Fife Median alternatives would be identical.

(3) The impacts of the 54th Avenue and 54th Span design options for the Fife I-5 Alternative would be identical.

Given the widespread occurrence of Himalayan blackberry and other invasive plant species in the study area, any of the project alternatives would provide the opportunity to reduce, at least temporarily, invasive species through vegetation removal. In some areas, noxious weeds may be eradicated because cover types dominated by invasive species would be converted to landscaping and other areas where invasive species would be controlled. In areas where invasive species are replaced with native species, construction-related impacts may result in improved habitat function. Maintenance and monitoring of invasive plant species are common elements of restoration plans, which are developed during the permitting phase of the project.

Where restoration of temporarily disturbed sites is proposed, maintenance of invasive species would likely be required or recommended as part of permit approvals.

Wetlands

Temporary, construction-related impacts on wetland resources would occur where wetlands or wetland buffers are affected by clearing and ground-disturbing work but are restored and revegetated following construction. Based upon the federal definition used by USACE, "temporary" means these impacts would not be permanent and wetland areas would be restored in less than 4 years after construction starts. Temporary impacts may include reduction or alteration of wetland area, soils, hydrology, vegetation, or type. Construction-related dewatering may temporarily alter groundwater discharge to wetlands. Wetland and wetland buffer functions could also be impacted by soil compaction, accidental spills of hazardous substances, noise and other human-caused disturbance, sedimentation, and introduction of invasive species. Similar to terrestrial resources, the duration of temporary impacts on wetlands can vary depending on the type of vegetation that is affected. Evaluations of the potential impacts of the alternatives are based on the area of wetlands and wetland buffers within the construction impact footprint for each alternative (Table 4.9-7).

Table 4.9-7 Potential Construction-Related Impacts on Wetlands by Alternative

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]
Federal Way Segment				
Preferred FW Enchanted Parkway	1.62	Category II: 1.56 Category III: 0.04 Category IV: 0.02	WFW-01, WFW-03, WFW-04, WFW-11, WFW-13, WFW-15, WFW-32	7.83
FW Enchanted Parkway with FW Design Option	1.65	Category II: 1.56 Category III: 0.07 Category IV: 0.02	WFW-01, WFW-03, WFW-04, WFW-07, WFW-11, WFW-13, WFW-15, WFW-32	7.50
South Federal Way Segment				
SF Enchanted Parkway	4.90	Category I: 0.59 Category II: 3.02 Category III: 1.27 Category IV: 0.03	WFW-05, WFW-17, WFW-18, WFW-19, WFW-24, WFW-25, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09c, WMI-09d, WPCFI-01, WPCFI-02, WPCMIFI-01	8.59
SF I-5	5.84	Category I: 0.59 Category II: 3.11 Category III: 2.12 Category IV: 0.03	WFW-17, WFW-18, WFW-19, WFW-20, WFW-21, WFW-22, WFW-24, WFW-25, WFW-26, WFW-27, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09c, WMI-09d, WPCFI-01, WPCFI-02, WPCMIFI-01	12.24
SF 99-West	4.71	Category I: 1.01 Category II: 3.53 Category III: 0.15 Category IV: 0.02	WFW-17, WFW-18, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WPCFI-01, WPCFI-02, WPCMIFI-01	12.61

Table 4.9-7 Potential Construction-Related Impacts on Wetlands by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]
SF 99-West with Porter Way Design Option	7.91	Category I: 2.33 Category II: 5.20 Category III: 0.38	WFW-17, WFW-18, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01	16.12
SF 99-East	6.49	Category I: 2.18 Category II: 4.23 Category III: 0.06 Category IV: 0.03	WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WMI-09a, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01	15.16
SF 99-East with Porter Way Design Option	9.92	Category I: 3.52 Category II: 6.11 Category III: 0.29	WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01	18.74
Fife Segment				
Fife Pacific Highway	1.31	Category II: 0.07 Category III: 1.24	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.16
Fife Pacific Highway and 54th Avenue Design Option	1.69	Category II: 0.07 Category III:1.61 Category IV: <0.01	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.14
Fife Pacific Highway and 54th Span Design Option	1.84	Category II: 0.07 Category III: 1.76 Category IV: <0.01	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WFI-33, WPCFI-02	5.24
Fife Median	1.31	Category II: 0.07 Category III: 1.24	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.16
Fife Median and 54th Avenue Design Option	1.69	Category II: 0.07 Category III: 1.61	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.14

Table 4.9-7 Potential Construction-Related Impacts on Wetlands by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]
Fife Median and 54th Span Design Option	1.69	Category II: 0.07 Category III: 1.62	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WFI-33, WPCFI-02	5.24
Fife I-5	4.99	Category II: 0.69 Category III: 4.31	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	7.93
Fife I-5 and 54th Avenue Design Option	5.43	Category II: 0.69 Category III: 4.74	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WPCFI-02	7.97
Fife I-5 and 54th Span Design Option	5.44	Category II: 0.69 Category III: 4.75	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	8.07
Tacoma Segment				
Preferred Tacoma 25th Street-West	0.01	Category III: 0.01	WTA-01, WTA-04	0.08
Tacoma 25th Street-East	0.01	Category III: 0.01	WTA-01, WTA-04	0.08
Tacoma Close to Sounder	0.01	Category III: 0.01	WTA-01, WTA-04	0.13
Tacoma 26th Street	0.01	Category III: 0.01	WTA-01, WTA-04	0.05

Notes:

(1) Totals may vary from the sum of individual numbers due to rounding.

(2) Wetland ratings (Hruby and Yahnke 2023) are preliminary and subject to review by permit authorities.

(3) Wetland buffer impact values in this table represent all affected areas inside functional wetland buffers, including areas that overlap with stream buffers. Wetland areas and stream areas, defined by the OHWM, are excluded from wetland buffer areas.

Federal Way Segment

Aquatic Species and Habitats

Approximately 850 linear feet of East Fork Hylebos Creek Tributary 0016A would be temporarily impacted, as would approximately 5.2 acres of the stream's buffer. Impacts would include temporary loss of riparian habitat function and an elevated risk of water quality degradation due to construction-related activities, as described above in the discussion of impacts common to all alternatives.

The FW Design Option would temporarily impact approximately 100 linear feet more of East Fork Hylebos Creek Tributary 0016A and approximately 0.3 acre more of its buffer.

Vegetation, Wildlife, and Wildlife Habitat

The potential construction impacts to vegetation for alternatives in the Federal Way Segment are compared in Table 4.9-6. Approximately 4 acres of mature native forest habitat along I-5 south of S 336th Street would be temporarily impacted by all Federal Way Segment alternatives (Table 4.9-6). Although the affected areas would be replanted with native trees following construction, the ecosystem functions of mature forest would not be restored for several decades. The construction footprint for all of the alternatives would also overlap areas of other native forest and wetland/stream habitats. The return of pre-construction ecosystem functions in those areas would likely require several years.

The Preferred FW Enchanted Parkway Alternative and FW Design Option would temporarily affect similar amounts of the mature native forest and other native forest cover types, and the total extents of their temporary impact footprints would also be similar.

Wetlands

The potential construction impacts to wetlands and wetland buffers for alternatives in the Federal Way Segment are compared in Table 4.9-7. The Preferred FW Enchanted Parkway Alternative would have slightly fewer direct construction-related impacts to wetlands and wetland buffers than the FW Design Option because the Preferred Alternative would avoid impacts to Wetland WFW-07 and its buffer.

South Federal Way Segment

Aquatic Species and Habitats

The potential construction impacts to streams and stream buffers for alternatives in the South Federal Way Segment are shown in Table 4.9-5. The SF I-5 Alternative would affect more linear feet of streams than any of the other alternatives or design options, largely due to its impacts on East Fork Hylebos Creek Tributary 0016A. The SF Enchanted Parkway Alternative and the SF 99-West and SF 99-East alternatives (without the Porter Way Design Option) would affect approximately 1,000 fewer linear feet of stream than the SF I-5 Alternative, largely because they would avoid most segments of East Fork Hylebos Creek Tributary 0016A south of S 344th Street. The SF 99-West and SF 99-East alternatives with the Porter Way Design Option would affect about 100 fewer linear feet of streams overall, compared to the SF I-5 Alternative.

Although the SF I-5 Alternative would affect more linear feet of streams than the other alternatives, most of this alternative's impacts would affect a stream (East Fork Hylebos Creek Tributary 0016A) that is not known to currently support fish populations due to seasonal flow conditions and the presence of numerous fish passage barriers. In contrast, the SF 99-West and SF 99-East alternatives with the Porter Way Design Option would affect approximately 750 to 800 linear feet more of West Fork Hylebos Creek (a major salmonid stream that supports ESA-listed fish) compared to the other alternatives.

The SF I-5 Alternative and the SF 99-West and SF 99-East alternatives with the Porter Way Design Option would affect about 12 to 14 acres of stream buffers overall. Compared to the other alternatives, the SF I-5 Alternative would affect substantially more stream buffer habitat along East Fork Hylebos Creek Tributary 0016A (approximately 7 acres, compared to 2 to 3 acres), including areas with comparatively high-quality habitat, such as native forest and wetlands. The SF Enchanted Parkway Alternative and the SF 99-West and SF 99-East alternatives (without the Porter Way Design Option) would affect about 7 to 8 acres of stream

buffers overall. The Porter Way Design Option would affect approximately 6 more acres of stream buffer habitat associated with West Fork Hylebos Creek — including high-quality habitats such as mature native forest, compared to the other alternatives.

Vegetation, Wildlife, and Wildlife Habitat

The potential construction impacts to vegetation for alternatives in the South Federal Way Segment are compared in Table 4.9-6. The SF I-5 Alternative would have the most impacts to mature and other native forest (22 acres), and the SF 99-East Alternative would have the least (12 acres). Both the SF Enchanted Parkway Alternative and the SF I-5 Alternative would require clearing of approximately 1 acre of mature native forest habitat along West Fork Hylebos Creek; the SF 99-West and SF 99-East alternatives would avoid that patch of habitat. However, the Porter Way Design Option (under either the SF 99-West Alternative or the SF 99-East Alternative) would require clearing of approximately 2 acres of mature native forest near West Fork Hylebos Creek south of Birch Street.

The SF I-5 Alternative would also have the highest proportion of impacts to terrestrial habitats and sensitive wildlife species, and the SF 99-East Alternative would have the least (additional details provided in Appendix J4, Table J4.4-4). Under either the SF 99-West Alternative or the SF 99-East Alternative, the Porter Way Design Option would increase the total area of potential construction-related impacts by approximately 7 to 8 acres.

Wetlands

The potential construction impacts to wetlands and wetland buffers for alternatives in the South Federal Way Segment are compared in Table 4.9-7. The SF 99-West Alternative would have the fewest direct, construction-related impacts to wetlands, followed by the SF Enchanted Parkway Alternative, the SF I-5 Alternative, and the SF 99-East Alternative. Although the SF 99-West Alternative has fewer construction-related impacts than other alternatives, the SF 99-West impacts more area of high-quality wetlands (Category I and II wetlands). Under either of the SF 99 alternatives, the Porter Way Design Option would increase the number of construction-related impacts on wetlands by more than 3 acres compared to SF Enchanted Parkway and SF I-5 alternatives, in part because it crosses the West Fork Hylebos Creek and its associated wetlands twice.

The study area contains many large, complex wetlands associated with streams that provide high water quality, hydrologic, and habitat functions. Most of the wetland area affected by construction-related impacts under all alternatives would consist of Category II wetlands. All of the alternatives would also impact Category I wetlands; the most construction-related impacts to Category I wetlands would occur under the SF 99-East Alternative paired with Porter Way Design Option. Category I wetlands would occur under the SF 99-East Alternative paired with Porter Way Design Option.

Because the SF Enchanted Parkway Alternative is in highly developed areas that do not contain extensive vegetated buffer areas, it would have the fewest construction-related impacts to wetland buffers, followed by the SF I-5 Alternative. The SF 99-East with Porter Way Design Option would have the most wetland buffer impacts because there are many wetlands and vegetated buffers along this alternative alignment.

Fife Segment

Aquatic Species and Habitats

The potential construction impacts to streams and stream buffers for alternatives in the Fife Segment are shown in Table 4.9-5. The Fife I-5 Alternative would temporarily impact approximately 200 more linear feet of streams than the Fife Pacific Highway and Fife Median alternatives. This difference is attributable primarily to impacts on Fife Ditch. All alternatives would affect Fife Ditch near 52nd Ave E. The Fife I-5 Alternative would also cross Fife Ditch south of Pacific Highway E, resulting in additional construction-related impacts on that stream and its buffer. The 54th Avenue and 54th Span design options would have an additional 600 feet of temporary stream impacts (primarily Fife Ditch Tributary 1) than without the design options.

The Fife I-5 Alternative would temporarily impact about 0.5 acre more stream buffer habitat than would the Fife Pacific Highway and Fife Median alternatives. This difference arises from the Fife I-5 Alternative's impacts on native brush and scrub-shrub wetland habitat in the buffer on Wapato Creek immediately north of I-5. The construction footprints of the 54th Avenue and 54th Span design options do not include any stream buffer habitat. For this reason, the impacts of these design options on stream buffer habitat would not differ from the impacts of the alternatives without the design options.

Vegetation, Wildlife, and Wildlife Habitat

The potential construction impacts to vegetation for alternatives in the Fife Segment are compared in Table 4.9-6. The construction-related impacts of the alternatives in the Fife Segment on native forests would be similar, although the Fife Pacific Highway and Fife Median alternatives would require clearing of slightly more native forest habitat — approximately 0.4 acre — than the Fife I-5 Alternative.

The Fife I-5 Alternative would have a larger overall construction footprint than the Fife Pacific Highway and Fife Median alternatives. The potential for disturbance of sensitive wildlife species during construction would not necessarily be higher, however, because construction of the Fife I-5 Alternative would take place in areas adjacent to I-5 that are dominated by high levels of existing noise and human disturbance.

Wetlands

The potential construction impacts to wetlands and wetland buffers for alternatives in the Fife Segment are compared in Table 4.9-7. The Fife Pacific Highway and Fife Median Alternatives would have the same wetland impacts. These alternatives along Pacific Highway E would have substantially fewer construction-related impacts than the I-5 alternative, mainly stemming from fewer impacts on Wetland WFI-02, a Category III wetland. Of the two design options, the 54th Avenue Design Option would have fewer impacts than the 54th Span Design Option because it avoids impacting Wetland WFI-33, a Category III wetland. The Fife I-5 Alternative (with and without the two design options) would have greater than 3 acres of wetland buffer impacts than the Fife Pacific Highway and Fife Median alternatives.

Tacoma Segment

Aquatic Species and Habitats

The potential construction impacts to streams and stream buffers for alternatives in the Tacoma Segment are shown in Table 4.9-5. The construction-related impacts of the Tacoma Segment alternative alignments on aquatic resources would be the same (see Table J4.4-2). None of the alternatives would have any construction-related impacts on First Creek, which is enclosed in pipes through the study area.

Impacts to the Puyallup River would depend on whether a long-span or pier-supported bridge structure is used: a pier-supported crossing of the Puyallup River would have substantially greater construction-related impacts on aquatic areas and aquatic life compared to a long-span structure. Construction of a pier-supported structure would involve either the construction of temporary work trestles in the river or the assembly of one or more floating barge systems anchored to the shore and riverbed. In addition, cofferdams or steel casings would be installed in the river to allow the construction of in-water piers. In-water pile driving would be required for the construction of temporary work trestles and may be needed for construction of the in-water piers. Reinforcement or armoring of the in-water slopes of the levees near the bridge site may also be necessary. No in-water work would be required for construction of a long-span bridge.

If new piers are installed in the Puyallup River to support a bridge for the guideway, in-water work for pier installation and pile driving would carry the risk of potential adverse impacts on fish and marine mammals. Noise from in-water pile driving would generate potentially injurious levels of underwater sound pressure levels, disturbing and possibly harassing, injuring, or killing fish, marine mammals, and other aquatic species. Between 2015 and 2019, WSDOT installed temporary work trestles and in-water piers to support new bridges for I-5 over the Puyallup River in the study area. The environmental documentation for that project identified adverse impacts on aquatic resources, including the following:

- Mortality or injury of fish during implementation of in-water work area isolation measures (e.g., installation of coffer dams and steel casings around drilled shafts for support piers).
- Mortality or injury of fish exposed to potentially injurious underwater sound pressure levels associated with in-water pile driving.
- Shade from overwater work trestles.
- Temporary, localized increases in turbidity during installation and removal of in-water structures.

Similar impacts would be expected to result from in-water work for construction of a pier-supported bridge over the Puyallup River for TDLE. The extent and severity of impacts would depend upon the duration of in-water work, size of the piles, the type of piles, substrate type, currents, and other factors that affect the propagation of sound waves under water. It is likely that construction of in-water support piers for TDLE would adversely affect ESA-listed Chinook salmon, steelhead, and bull trout along with other fish species in the river. These and other project-related impacts (including effects on critical habitat, as appropriate[1]) would be analyzed in the biological assessment prepared to support consultation with NMFS and USFWS

[1] The bed and banks of the Puyallup River are owned by the Puyallup Tribe of Indians within the boundaries of the Puyallup Tribe of Indians Reservation and, as such, were excluded from the designations of critical habitat for Puget Sound Chinook salmon, Puget Sound steelhead, and bull trout.

during the Final EIS phase of this project. The assessment would also include a review of potential effects on essential fish habitat.

Underwater noise and in-water construction activities may also adversely affect marine mammals. Seals and sea lions forage in the Puyallup River near the existing highway bridges. Noise from pile driving and other in-water construction work could injure or cause harassment of marine mammals in the river. As required under the MMPA, Sound Transit would work with NMFS to prepare an incidental harassment authorization for work that has the potential to affect marine mammals. The terms of the authorization would include measures to minimize adverse effects on seals and sea lions during construction.

Vegetation, Wildlife, and Wildlife Habitat

The potential construction impacts to vegetation for alternatives in the Tacoma Segment are compared in Table 4.9-6. The construction-related impacts of the alternatives in the Tacoma Segment on native forests would be similar; none of the alternatives would affect more than 1 acre of this habitat type. Given the existing high levels of noise and human disturbance throughout the Tacoma Segment study area, the overall size of the alternatives' construction footprints would not appreciably affect their potential to disturb sensitive wildlife species.

Noise from pile driving for the installation of support structures for the guideway bridge over the Puyallup River may disturb sensitive wildlife species as much as 0.25 mile away from project activities. Big brown bat colonies and nesting birds on nearby bridges could be affected by construction noise. Such effects would be temporary and would not be expected to result in any long-term impacts on species that use habitats in the urban areas surrounding the project site.

Wetlands

The potential construction impacts to wetlands and wetland buffers for alternatives in the Tacoma Segment are compared in Table 4.9-7. All four alternatives in the Tacoma Segment would have similar construction-related impacts on wetlands. Construction would affect Wetlands WTA-01 and WTA-04, which are Category III wetlands associated with the Puyallup River.

4.9.3.4 Indirect Impacts

Indirect impacts include those effects that are related to the project but not part of it and that may occur separated by distance or time. Other sources of indirect effects may be related to changes in the pattern of land use, population density, or water quality in the areas affected by the project. Indirect impacts may also occur through the implementation of mitigation measures for other environmental impacts or through supporting projects that are not yet defined or considered part of the project alternatives.

For aquatic species and habitat, indirect impacts would be minimal because the surrounding areas are already heavily developed. TDLE is not expected to interfere with future projects that may provide habitat improvements, such as road projects that may improve fish passage, or projects that may enhance vegetated and wetland areas in the project corridor. TDLE would be designed to ensure that it would not preclude future culvert replacement(s) by WSDOT to provide fish passage. Facilities that provide water quality treatment could minimize long-term indirect impacts on water quality in streams that provide habitat for fish sensitive to the toxic effects of contaminants in stormwater runoff. However, as discussed in the analysis of long-term impacts, treated water discharged from such facilities and untreated water that bypasses those facilities during major storm events may contain contaminants that can harm fish and other

aquatic life. In addition, the presence of light rail structures near streams would limit options for riparian habitat restoration in the future.

Long-term indirect impacts on vegetation, wildlife, and wildlife habitat could include habitat loss or increased disturbance due to changes in land use patterns near the proposed station locations. Such impacts would be unlikely under any of the project alternatives, however, because all proposed station locations are in densely developed commercial and/or industrial areas.

If in-water work for a pier-supported bridge over the Puyallup River leads to detectable decreases in fish abundance in the Puget Sound, the availability of prey for Southern Resident killer whales could be reduced. The potential for this to occur, as well as any potential indirect impacts on Southern Resident killer whales, would be evaluated during ESA Section 7 consultation with NMFS.

If permittee-responsible compensatory mitigation for wetland or stream impacts is required, ground-disturbing work and human activity associated with mitigation project implementation could disturb wildlife or temporarily degrade habitat. Any such impacts would be short-lived and would be offset by long-term improvements in habitat conditions at the mitigation site.

Indirect impacts from TDLE may result in long-term wetland degradation from stormwater discharges and alterations in wetland hydrology. Hydrologic impacts would be minimized through the use of stormwater management facilities that meet the standards established by local, state, and federal agencies with regulatory authority. Facilities that provide water quality treatment could minimize long-term indirect impacts on water quality in wetlands. See the discussion of Impacts Common to All Alternatives for more details.

4.9.3.5 Avoidance and Minimization of Impacts

The avoidance and minimization of impacts on ecosystem resources was a guiding principle in the preliminary design of the project alternatives. The build alternatives for the proposed project would avoid or minimize potential impacts on ecosystem resources whenever practicable. For example, wetland and stream impacts have been avoided and minimized during the conceptual design process through elevating guideways, moving staging areas, and relocating project features wherever feasible.

Sound Transit would comply with standard specifications; BMPs; and applicable Tribal, federal, state, and local mitigation requirements during design, construction, and post-construction activities. Measures would be incorporated into construction plans as specifications, as applicable. Sound Transit would meet all regulatory requirements and continue to implement proactive avoidance and minimization measures related to these BMPs in adherence with Tribal, federal, state, and local regulations. This would include conducting work over and within stream channels only during the approved in-water work window for each watercourse. Conservation measures arising from ESA Section 7 consultation would also be implemented.

Any work within the OHWM of any streams or that may otherwise affect fish in the study area would be conducted in accordance with the terms of the HPA and other applicable permits and reviews (e.g., Clean Water Act Section 404 permit, Tribal permits, ESA Section 7 consultation, shoreline substantial development permits, and critical areas alteration approvals) for this project.

These strategies, along with others designed to avoid or minimize effects on other resources, would be implemented to effectively minimize the potential impacts on sensitive ecosystem resources. Examples of additional strategies include minimizing vegetation clearing, restoring

temporarily affected areas, and preparing and implementing a revegetation plan. Section 5.1 of the Ecosystem Resources Technical Report (Appendix J4) provides additional information about impact avoidance and minimization measures incorporated into the project design, as well as BMPs that may be implemented during construction.

4.9.4 Potential Mitigation Measures

Discussions in this subsection identify compensatory mitigation measures Sound Transit could implement, in addition to the avoidance and minimization measures described above.

For unavoidable long-term impacts on wetlands, streams, and their buffers, Sound Transit would develop a compensatory mitigation plan during the permitting phase in accordance with applicable Tribal, federal, state, and local requirements and guidelines. These include the federal Final Compensatory Mitigation Rule (40 CFR Part 230), interagency guidance (Wetland Mitigation in Washington State – Part 1: Agency Policies and Guidance; Ecology et al. 2021) or as updated, and the applicable Tribal and local critical areas ordinances and shoreline regulations. Mitigation would be coordinated with regulatory agencies, employing a watershed approach and the mitigation tools available to the project.

Mitigation for long-term, permanent impacts would include a combination of mitigation options. The federal mitigation hierarchy set by USACE gives highest priority to use of mitigation banks, next in-lieu fee programs, and finally other mitigation options proposed by the permittee using a watershed approach. The TDLE project lies within the service area of the Port of Tacoma's Upper Clear Creek Mitigation bank. This mitigation bank was certified in June 2020 and could be used to offset project impacts in the Hylebos Creek watershed if credits are available at the time of permitting. In addition, use of the King County In-Lieu Fee Program (Mitigation Reserves Program) or other approved in-lieu fee programs would be considered as an option for compensatory mitigation for wetlands and their buffers. However, the Tribes and local jurisdictions prefer mitigation to occur within the same watershed as the project impacts; therefore, off-site mitigation would also be explored and included in the compensatory mitigation package. Opportunities to compensate for permanent stream and river impacts may include restoration of in-stream habitat, stream daylighting, replacement of culverts blocking fish passage, creation of off-channel habitat, or purchase of salmon credits from an approved mitigation bank. Mitigation options would be developed with input from affected Tribes, local jurisdictions, resource agencies, and permit authorities.

Compensatory wetland mitigation would be provided for construction impacts lasting more than one growing season and for permanent conversion of wetlands from one vegetation type to another (e.g., forested wetland to emergent or scrub-shrub wetland) as well as for indirect impacts on wetlands. In areas where stream buffers and wetland buffers overlap, mitigation for impacts would be based on the local jurisdiction's requirements for mitigating impacts either on wetland buffers or stream buffers — whichever requirements are more stringent.

4.10 Energy

4.10.1 Introduction to Resource and Regulatory Requirements

This section presents the energy usage estimates for TDLE operation and construction activities, including:

- Vehicles operating within the study area, including project light rail, automobile, and other transit use.
- Parking facilities, traction power substations, and signal bungalows.
- Construction of the project.

Overall, the operation of TDLE is expected to shift the types of energy used but is not expected to result in a net increase in energy consumption.

There are no federal, state, or local laws that include regulatory significance thresholds for energy consumption in the transportation sector. Many state, local, and regional transportation plans and policies include goals for the efficient use of energy, and energy conservation and use reduction goals occur at all levels of government. Sound Transit's Sustainability Plan is described in further detail in Section 2.6, Environmental Practices and Commitments, in Chapter 2, Alternatives Considered. Sound Transit monitors its environmental impacts with an internationally certified (International Organization for Standardization [ISO] 140001) Environmental and Sustainability Management System.

4.10.2 Affected Environment

The study area for this analysis is the same as the study area for the regional transportation analysis (the PSRC four-county region, which includes King, Pierce, Snohomish, and Kitsap counties) because the regional travel model for VMT and vehicle hours traveled includes all four counties. This section discusses existing conditions and patterns related to energy use for both the state and the study area. Energy use is often expressed in terms of a standard measure known as the British thermal unit. According to the U.S. Energy Information Administration, Washington consumed 2,097 trillion British thermal units of energy in 2017 (EIA 2019a), which is enough to meet the energy needs of approximately 23 million households (United States Department of Energy 2020). Total energy use per capita in 2017 was 282 million British thermal units, which ranks 29th among all states in the country. Per capita energy use in general is declining (EIA 2019b), while the state's overall energy use is increasing (EIA 2019c). The general decline in per capita energy use since the 1990s has resulted from several factors, including the decline in industrial energy use, particularly the energy-intensive aluminum industry; generally higher energy prices between 2002 and 2014; and more aggressive federal and state codes, standards, and programs focusing on energy efficiency (Washington State Department of Commerce 2018). The state's overall energy use is expected to increase over the next several decades due to growth in population, jobs, and demand for vehicle travel (Washington State Department of Commerce 2011).

In 2017, transportation accounted for the majority of energy use in the state (32 percent), followed by the industrial (26 percent), residential (24 percent), and commercial (18 percent) sectors (EIA 2019a). While transportation energy use is the largest sector, the forecast growth rate is low due primarily to federal vehicle fuel-efficiency standards and anticipated fuel price increases (Washington State Department of Commerce 2011).

According to the PSRC travel demand model, which provided the base transportation data used in this analysis, most regional miles traveled are in passenger cars and trucks. Public transit accounts for less than 1 percent of the regional miles traveled. For the study area, Table 4.10-1 shows the daily VMT and energy use by transportation mode. According to the PSRC travel demand model (PSRC 2020) and the Sound Transit ridership model (Sound Transit 2020), the existing daily VMT for the study area is approximately 89 million miles. The associated daily energy use is approximately 620,000 million British thermal units.

Table 4.10-1 Existing Energy Consumption by Mode in King, Pierce, Kitsap, and Snohomish Counties

Vehicle Type	Energy Consumption Rate (British Thermal Units per mile)	Existing Conditions Daily Vehicle Miles Traveled	Existing Conditions Million British Thermal Units
Passenger vehicle	5,277	79,501,800	419,531
Heavy-duty truck	21,335	9,009,900	192,226
Transit bus	37,404	187,100	6,998
Streetcar	29,333	600	18
Light rail	25,129	10,600	266
Commuter rail	108,252	7,600	823
TOTAL	**Not Applicable**	**88,717,600**	**619,862**

Sources: Oak Ridge National Laboratory 2019; PSRC 2020; Roos 2019; Sound Transit 2020.

4.10.3 Environmental Impacts

This section discusses the direct long-term operational and short-term construction impacts of TDLE, including the No-Build Alternative, and the resulting demand on regional energy supply. The analysis applies to all build alternatives because their operation and ridership characteristics are similar.

The energy analysis evaluates operational energy use by TDLE and the demand on the regional energy supply. Estimated operation impacts are based on the VMT estimates by mode in the PSRC travel demand model (PSRC 2020). The regional total light rail VMT estimates were based on the projected operations plan for the regional Link light rail system. Regional VMT estimates separated passenger miles from heavy-truck miles to account for differences in energy consumption levels. Energy consumed was converted to British thermal units to provide a common measure among all energy sources. The energy consumption rate (British thermal units per vehicle mile) for each vehicle type was obtained from the Transportation Energy Data Book, Edition 37 (Oak Ridge National Laboratory 2019) and Sound Transit (2020).

Table 4.10-2 shows the energy consumption rate (British thermal units per mile), VMT, and total energy consumption for the No-Build and build alternatives.

Table 4.10-2 Energy Consumption by Mode for No-Build and Build Alternatives

Vehicle Type	Energy Consumption Rate in British Thermal Units per Mile	2042 No-Build Alternative Daily VMT[1]	2042 No-Build Alternative Million British Thermal Units	2042 Build Alternatives Daily VMT	2042 Build Alternatives Million British Thermal Units	Percent Change in Million British Thermal Units from No-Build Alternative
Passenger vehicle	5,277	85,415,900	450,740	85,182,400	449,508	-0.27
Heavy-duty truck	21,335	11,270,500	240,456	11,270,500	240,456	0
Transit bus	37,404	244,300	9,138	239,100	8,943	-2.13
Streetcar	29,333	3,200	94	3,200	94	0
Light rail	25,129	128,900	3,239	139,400	3,503	8.15
Commuter rail	108,252	15,200	1,645	15,200	1,645	0
TOTAL	**Not Applicable**	**97,078,000**	**705,312**	**96,849,800**	**704,149**	**-0.16%**

Sources: Oak Ridge National Laboratory 2019; PSRC 2020; Roos 2019; Sound Transit 2020.

Note:

(1) Light rail VMT for the No-Build Alternative includes light rail system extensions in the Sound Transit 3 Plan, including to Lynnwood in the north, Redmond Technology Station in the east, and Federal Way Downtown Station in the south, which are expected to be complete before TDLE.

4.10.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Under the No-Build Alternative, TDLE would not be constructed, and existing land uses within the study area would continue to consume electricity and natural gas to support annual operations. There would be no fuel consumption (e.g., gasoline, diesel) associated with construction or operation of TDLE.

The daily VMT for the study area is projected to increase from approximately 89 million miles under existing conditions (see Table 4.10-1) to approximately 97 million miles in 2042 (see Table 4.10-2). The No-Build Alternative would place additional demands on energy in the region because of increased passenger trips, greater levels of congestion, and slower speeds, which would also increase greenhouse gas emissions. However, the additional demand that TDLE would place on the electric grid would not occur.

4.10.3.2 Long-Term Impacts for the Build Alternatives

Impacts Common to All Alternatives

Because all build alternatives would be of similar length and ridership, direct impacts on the local electricity utilities would be similar for all alternatives. To power TDLE, Sound Transit would purchase electricity from PSE and Tacoma Power. Sound Transit is in ongoing

coordination with both PSE and Tacoma Power to analyze their existing systems and to determine whether improvements are required to support TDLE operations. Further design and analysis may identify upgrades to the existing power grids and substations needed to provide the required coverage to meet project demands. For example, a new circuit may be required at the existing substation at E 26th Street and East G Street in Tacoma to meet the energy demands and provide operational redundancy for TDLE. Section 4.15, Utilities, further discusses utilities in the project corridor.

In general, the project's long-term impacts would change energy consumption for transportation on roadways and by the public transit system. When compared with the No-Build Alternative, TDLE would slightly reduce regional passenger vehicle and transit bus VMT as people shift to riding light rail. The build alternatives would reduce miles traveled by cars and light trucks by about 233,500 miles per day but would increase light rail miles by about 10,500 miles per day (Table 4.10-2). Overall, TDLE would use approximately 0.16 percent less energy than the No-Build Alternative. This reduction is in addition to the reduction associated with the entire Sound Transit light rail system and planned expansion projects.

If TDLE is constructed in phases, the decrease in energy use would be less than shown in Table 4.10-2 for both the M.O.S. to the station in South Federal Way and M.O.S. to the station in Fife.

Sound Transit's *Sustainability Plan*, last updated in 2019, commits the agency to integrating efficient operating practices at existing and new facilities, using energy-saving equipment to reduce energy demand, and maximizing intermodal transit connections to reduce automobile VMT. The Sustainability Plan identifies a long-term energy target in which all fleets would deploy fuel-efficient, clean, and cost-effective vehicles to optimize the use of proven technologies. Implementing the plan involves tracking fuel and energy consumption annually, reporting on progress, and reevaluating targets regularly. Sound Transit's design standards for light rail also require designers to maximize the energy efficiency of transit facilities, buildings, and systems. Additionally, Sound Transit is committed to using carbon neutral electricity from the utilities serving TDLE. Washington State's Clean Energy Transformation Act requires all electrical utilities to be carbon neutral by 2030 and carbon free by 2045. Implementing the Sustainability Plan and Sound Transit's design standards could further reduce energy consumption during TDLE construction and operations. And, given that a utility could purchase additional electricity on the open market, if necessary, the overall TDLE operations is not expected to have a notable impact on the electrical utilities.

Potential Benefits

Compared with the No-Build Alternative, potential transit improvements would reduce motor vehicle use within the study area and would increase travel on Sound Transit's light rail network. As shown in Table 4.10-2, overall transportation-related energy consumption would be reduced compared to the No-Build Alternative.

4.10.3.3 Construction Impacts for the Build Alternatives

Energy-related impacts during construction of TDLE would be short term in nature and are not expected to be adverse. Construction materials produced and transported to the site and the operation and maintenance of construction equipment would consume energy. The energy analysis used the FTA Transit Greenhouse Gas Emissions Estimator tool to estimate construction impacts associated with the project (FTA 2022). The tool allows users to estimate

energy consumption for transit projects using limited data inputs, such as miles of new track and the number of new stations.

Impacts Common to All Alternatives

Table 4.10-3 presents the project inputs used to estimate construction-related energy consumption for TDLE.

Table 4.10-3 TDLE Energy Model Inputs

Input	Quantity
Number of structured parking spots	1,000
Miles of elevated track	9.27
Miles of at-grade track	0.6
Miles of catenary	11.6
Number of elevated stations	4

Table 4.10-4 shows the estimated energy that would be consumed during construction.

Table 4.10-4 Estimated Energy Consumed During Construction

Item	Consumption in Million British Thermal Units
Upstream energy[1] – materials	2,765,549
Direct energy – construction equipment	99,088
TOTAL	**2,864,637**

Note:
(1) Upstream energy is the energy related to the extraction, production, and transportation of construction materials.

Assuming a 4 to 5-year construction period, the average annual energy consumed by construction of TDLE would represent about 0.1 percent or less of the energy consumed in Washington State during that period.

Sound Transit's commitment to sustainability practices includes minimizing greenhouse gas emissions, which could be achieved by conserving energy during construction. Such practices could include, but would not be limited to, conserving fuel use through reductions in construction vehicle idling and setting minimum EPA-tier requirements for construction vehicles, providing for pre-demolition extraction of salvageable/reusable/recyclable materials, and reducing traffic for detours. Sound Transit would work with the contractor regarding the implementation of measures to avoid or minimize impacts.

If construction of TDLE parking facilities at both the South Federal Way and Fife stations is deferred up to three years after initial service opens, the same construction-related effects on energy would also apply at these two station locations at the time the parking facilities are constructed.

4.10.3.4 Avoidance and Minimization of Impacts

When developing TDLE alternatives, Sound Transit incorporated several measures to avoid or minimize potential impacts on energy use. For example, Sound Transit would implement its Sustainability Plan, which would minimize impacts on energy use from the project. In addition, Sound Transit's Design Criteria Manual — Chapter 30 (Sustainability) in particular — outlines specific measures around energy-efficient design at the station level to minimize impacts on energy use, adopting requirements in line with the United States Green Building Council Leadership in Energy and Environmental Design (LEED) transit rating system. Lastly, the project would pursue Envision certification, which includes elements of construction and operational reductions in energy consumption.

4.10.3.5 Indirect Impacts

No indirect impacts on energy would occur as a result of operating TDLE because the energy consumed during operations is considered a direct impact. Short-term indirect impacts related to the upstream energy consumption from the extraction, production, and transportation of construction materials for TDLE are included in energy consumed during construction identified in Table 4.10-4.

4.10.4 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above would be anticipated.

4.11 Geology and Soils

4.11.1 Introduction to Resource and Regulatory Requirements

This section addresses topography, geology, soil characteristics, groundwater location, and geologic hazards impacts for TDLE. These considerations affect project design, the type of construction methods used for the project and, if not adequately considered during project design, could affect the long-term operations and safety of the light rail system. This section discusses the potential long-term as well as short-term geology and soils impacts of TDLE.

The regulatory requirements applicable to TDLE include the Washington State GMA (RCW 36.70A). Under the GMA, all cities and counties are required to identify critical areas within their jurisdictions and to formulate development regulations for their protection. The GMA defines geologically hazardous areas or critical areas as areas that are susceptible to erosion, sliding, earthquake, or other geological events. The hazards could affect the design, construction, and operation of TDLE and, if not considered appropriately, could pose a risk to public health and safety. Geology and soils considerations are closely related to groundwater conditions. This section includes general information on groundwater in the project vicinity, as related to the assessment of geologic hazards. More detailed information on groundwater locations, including sole source aquifers, and uses along each alternative is discussed in Section 4.8, Water Resources. Locations of possible contaminated soils and contaminated groundwater are identified and discussed in Section 4.12, Hazardous Materials.

4.11.2 Affected Environment

Existing geologic and hydrogeologic conditions, including topography, geology, soil characteristics, groundwater location, and geologic hazards, were reviewed within the study area. The study area includes resources within 100 feet of the construction limits. Figure 4.11-1 shows the topography in the study area and Appendix H6, Geology and Soils Background Information, includes maps showing surface geology and geologic hazards.

4.11.2.1 Regional Geology

The project is in the southern portion of the central Puget Lowland, a wide, low-lying area between the Cascade Range to the east and the Olympic Mountains and Washington coast to the west. Topography and geology local to the project have been largely shaped by Pleistocene glaciation. The regional geology includes glacially consolidated soils and sediments to a depth of over 1,200 feet in the northern portion of the study area and 1,800 feet in the southern end of the study area. The surface geology in the project has been heavily modified by construction of local highways, roads, and other development. Site geology described below is primarily a discussion of native geologic units.

4.11.2.2 Topography

TDLE extends from the upland area of Federal Way, with elevations of 400 to 450 feet above sea level to near sea level in the vicinity of Fife and Tacoma. Topographical features in the study area include various drainage systems, small water bodies, associated topographic features, and the Puyallup River delta and estuary.

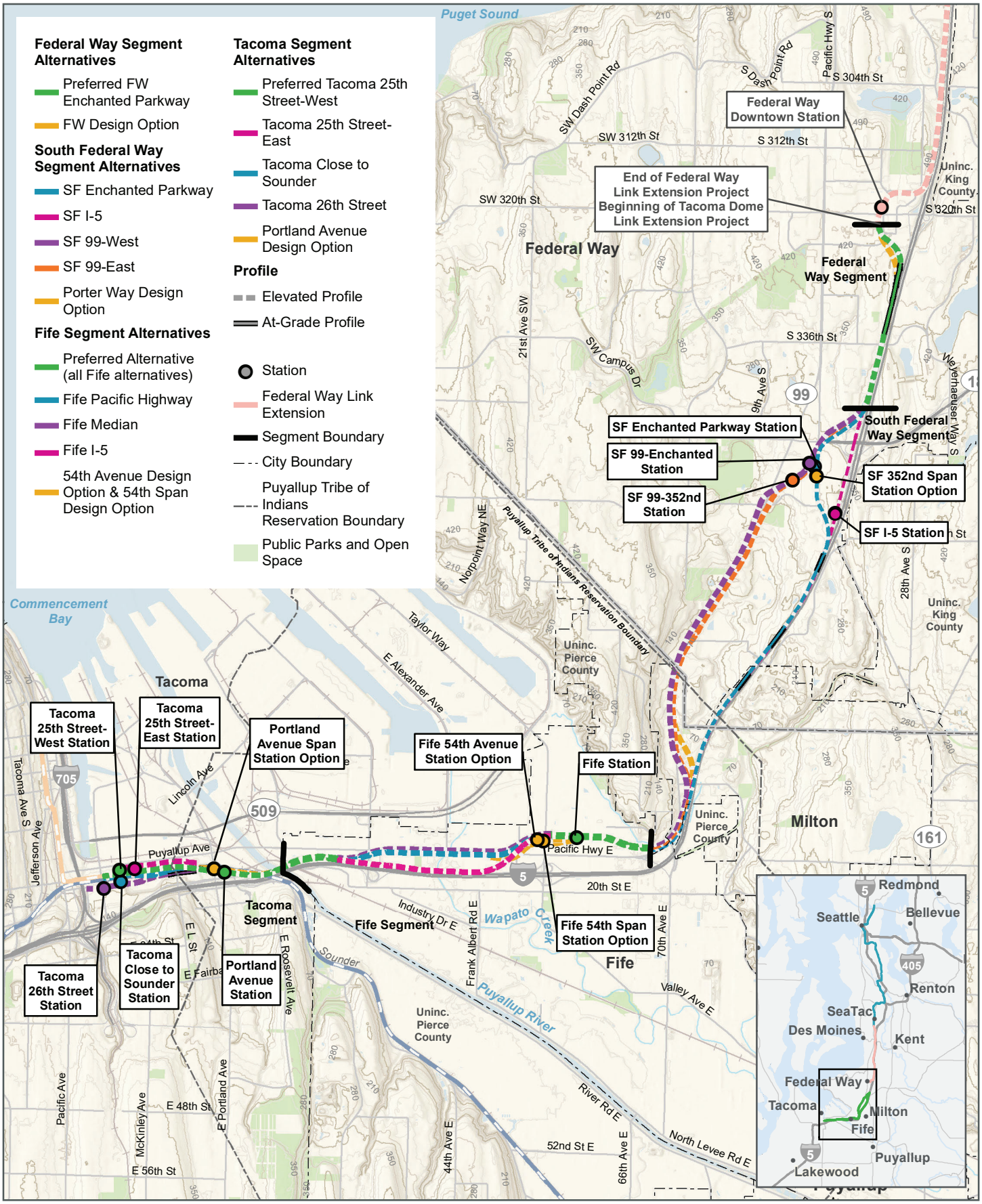

Data Sources: USGS, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Service Layer Credits: Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

N

0 1 2 Miles

FIGURE 4.11-1
Topography

Tacoma Dome Link Extension

4.11.2.3 Seismicity

Earthquake hazards in the study area are primarily related to the convergent plate boundary of the North American continental plate and the Juan de Fuca oceanic crustal plate known as the Cascadia Subduction Zone. This subduction zone boundary has a long history of megathrust earthquakes with magnitudes exceeding 8 (Frankel and Peterson 2008), the most recent of which occurred on January 26, 1700, with an estimated 9.0 magnitude.

In addition to Cascadia Subduction Zone related quakes, intracrustal faults, such as the Seattle and Tacoma faults, have the potential for rupture, which can cause substantial ground displacement and shaking. The Seattle Fault lies approximately 15 miles to the north and would be unlikely to cause ground displacement in the study area. The Tacoma Fault Zone runs east-west through the study area and has the potential to produce a magnitude 6 or 7 earthquake with ground rupture (Gomberg et al. 2010). There is some evidence in sediments of major seismic activity on both the Seattle and Tacoma Faults approximately 1,100 years ago.

Hazards specific to the study area associated with seismic events are discussed in Section 4.11.2.6.

4.11.2.4 Site Geology and Groundwater Conditions

The study area is underlain by glacially consolidated soils, unconsolidated recessional outwash, peat deposits, and more recent alluvium (DNR 2020). Groundwater is typically found within 25 to 30 feet of the ground surface throughout the study area (Ecology 2020). Groundwater tends to be the deepest in the northern part of the study area in the vicinity of The Commons shopping center in the Federal Way Segment. The shallowest groundwater (less than 5 feet below ground surface) occurs in Fife, both in the vicinity of Hylebos Creek and near 51st Avenue E and in Tacoma west of the Puyallup River. The study area in the Tacoma Segment includes the EPA-designated Central Pierce County Sole Source Aquifer (EPA 2019). In addition, artesian conditions have been historically encountered in this area (WA Department of Conservation 1961). Section 4.8, Water Resources, provides a more in-depth discussion of sole source aquifers, critical aquifer recharge areas, and wellhead protection areas in the study area.

The build alternatives for each segment generally have similar geologic and groundwater conditions.

4.11.2.5 Soils

Soils within the study area have been heavily altered, particularly along transportation corridors such as I-5 and Pacific Highway. Where artificial fill has not been introduced, surface soils in the Federal Way and South Federal Way segments of the study area consist primarily of sandy loams and gravelly sandy loams, which tend to exhibit positive drainage characteristics (low to moderately low runoff potential and moderate infiltration rate). As the study area moves south, a discrete zone of peat is found near the King/Pierce County boundary.

In the Fife and Tacoma segments, sandy loams transition to silt loams and silty clay loams, which exhibit higher runoff potential and lower infiltration rates. An exception is sandy loams present along the Puyallup River, which have better drainage properties than surrounding soils (USDA NRCS 2024). Soil between the west bank of the Puyallup River and the TDLE terminus is described as low slope urban land (undifferentiated fill).

4.11.2.6 Geologic Hazards

Critical areas ordinances for the cities of Federal Way, Fife, Milton, and Tacoma, and for unincorporated Pierce County, all have defined geological hazards in their municipal codes. Appendix H6, Geology and Soils Background Information, includes maps showing geologic hazards. The following geological hazards defined in these codes found in the study area include:

- Erosion hazards – Soils that are particularly susceptible to erosion are present within the study area. These soils are primarily located in the South Federal Way Segment.
- Steep slopes – Slopes of over 40 percent increase the potential for erosion and slope failure during storm or seismic events. Steep slopes are present in the Federal Way, South Federal Way, and Tacoma segments.
- Landslide hazards – Areas with historical landslides or with susceptible soil types and steep slopes create an unstable environment. Mapped landslide hazards are present in the South Federal Way Segment along Pacific Highway E in the vicinity of 70th Avenue E.
- Seismic hazards – Ground displacement, shaking, and liquefaction have the potential to affect project-related construction elements. The Federal Way and South Federal Way segments generally exhibit the least susceptibility to seismic hazards (DNR 2020), with low liquefaction potential and amplification of ground shaking. The Fife and Tacoma segments exhibit a higher susceptibility, with high liquefaction potential. Soils in the Fife area include some peat deposits, which may require additional evaluation depending on extent.
- Tsunami hazards – Tsunami waves caused by seismic displacement of the earth's surface below the water's surface can cause inundation of developed areas and widespread destruction of natural and built environments. Modeled tsunami inundation impacts (DNR 2020) from seismic events on the Seattle Fault and the Tacoma Fault Zone indicate that both Tacoma and Fife segments could see inundation, with the most widespread impacts in Fife. The Federal Way and South Federal Way segments are outside the modeled area and are unlikely to experience impacts from a seismically generated tsunami.
- Volcanic – The proximity of Mount Rainier, an active stratovolcano located approximately 40 miles to the southeast, has produced substantial lahars (a mud or debris flow composed of water, debris, and pyroclastic material) in the Puyallup River Valley that have reached Puget Sound. Based on the historical extent of lahar deposits (DNR 2020), almost the entirety of the Tacoma and Fife segments and the southern reach of the South Federal Way Segment could be affected by a large lahar.

Soils with particular textures, pH, and salt contents can be corrosive to both concrete and uncoated steel. Although soils corrosive to concrete have not been identified in the study area, soils corrosive to steel have been. These soils have been identified in both the Federal Way and Fife segments of the study area (USDA 2020). Corrosive soils data were not available for the Tacoma Segment of the project.

The geologic and soil hazards described above are the same for each alternative within the Federal Way, South Federal Way, Fife, and Tacoma segments, respectively.

4.11.3 Environmental Impacts

This section identifies direct long-term operational and short-term construction impacts of the alternatives.

4.11.3.1 No-Build Alternative

The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Under the No-Build Alternative, TDLE would not be constructed; consequently, there would be no impacts to existing geologic, soil, or groundwater resource conditions associated with the TDLE project.

4.11.3.2 Long-Term Impacts for the Build Alternatives

Impacts Common to All Alternatives

Proposed build alternatives for TDLE generally traverse highly urbanized land, and long-term effects on existing geologic and hydrogeologic conditions are likely to be limited. The following long-term effects related to the completion of the TDLE project could occur:

- Changes to local topography and drainage patterns could affect slope stability.
- Minor settlement could affect near-surface features.
- Corrosive soils could compromise steel structures (applicable soils data was not available for the Tacoma Segment).

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the M.O.S. to the station in Fife would have the same type of impacts to geologic, soil, and groundwater conditions, just in a smaller geographic area until the remaining phases were completed.

Potential Benefits

TDLE's engineered structures would be designed to withstand a major seismic event, as required by federal, state, and local design standards. In the event of a natural disaster, facilities designed to withstand major seismic events could promote transportation resiliency and support emergency response efforts.

4.11.3.3 Construction Impacts for the Build Alternatives

Discussion of construction impacts for the build alternatives are generally common to all alternatives within a project segment. Where impacts can be differentiated by alternative, details are provided.

Potential construction impacts for the build alternatives include:

- Temporary effects from earthquakes during construction of TDLE could include structure cracking, soil liquefaction and settling, and movement of soils on steep slopes.
- New structures constructed as part of TDLE could experience settling if not correctly mitigated. Soil settling and consolidation could occur throughout the study area where hydric, compressible soils or non-structural fill exists. Settling around structures and

stockpiles occurs as the load equilibrates to soil conditions over time. Settling can result in a variety of adverse effects, such as cracks in roadways and compromised foundations.

- Soil erosion could occur during construction of the project if not correctly mitigated. Construction activities could expose erosive soils to wind and stormwater. Adverse effects from soil erosion include:
  - Plugging of stormwater catch basins.
  - Deposition of soil surface water on roadways.
  - Diminished surface water quality in Hylebos Creek and the Puyallup River.
  - Potential to undermine existing roadway and structures.
- Construction of the project would expose soils to erosion during construction from excavation, fill, clearing, and grading.
- Reduction in slope stability in areas of steep soils and historical landslides due to excavation can result in slope and soil movement compromising existing structures.

Federal Way Segment

Construction impacts for the alternative and design option would be similar to those described for all build alternatives. Hydric soils that may create settlement, steep slope hazards, historical landslides, landslide hazards, and volcanic hazards are not mapped within the segment. The alternatives in the Federal Way Segment are less susceptible to hazards related to seismic events relative to the alternatives in the Fife and Tacoma segments, owing to their upland location.

Groundwater along the alternatives in the Federal Way Segment is expected to be 15 to 25 feet below the ground surface. In areas where groundwater is less than 20 feet below ground surface, the construction of retaining structures could potentially affect or be affected by shallow groundwater. These areas of shallower groundwater could also be affected by infiltration of stormwater due to the increased impervious surfaces associated with the project.

South Federal Way Segment

Construction impacts for the alternative and design option would be similar to those described for all build alternatives. Hydric soils that may create settlement, historical landslides, landslide hazards, and volcanic hazards are not mapped within the segment. All alternatives include a steep slope along Pacific Highway in the vicinity of 70th Avenue E. The alternatives in the South Federal Way Segment are less susceptible to hazards related to seismic events relative to the alternatives in the Fife and Tacoma segments, owing to their upland location.

Groundwater along the alternatives in the South Federal Way Segment is expected to be 15 to 25 feet below the ground surface. In areas where groundwater is less than 20 feet below ground surface, the construction of retaining structures could potentially affect or be affected by shallow groundwater. These areas of shallower groundwater could also be affected by infiltration of stormwater due to the increased impervious surfaces associated with the project.

Fife Segment

Construction impacts for the alternative and design option would be similar to those described for all build alternatives. Steep slope hazards, historical landslides, and landslide hazards are not identified within the segment. All alternatives in the Fife Segment would be constructed on soils that can be corrosive to steel and on hydric soils that may create settlement issues. Soils susceptible to compression (peat) are present in the northern end of the Fife Segment. Seismic hazards within the Fife Segment are more substantial than in the Federal Way and South Federal Way segments due to its location within the alluvial basin created by the Puyallup River and the relatively low elevation near sea level. A majority of the segment is located on top of alluvium, which results in a high liquefaction susceptibility and ground motion amplification. Modeled tsunami hazards based on a major seismic event on the Tacoma Fault Zone or the Seattle Fault could result in inundation of almost the entire study area within the Fife Segment. The lahar hazard from a major Mount Rainier eruption would also encompass the entirety of the Fife Segment.

Groundwater along the length of most of the Fife Segment is relatively shallow (between 5 and 15 feet below ground surface). Placement of retaining structures or infiltration of stormwater may affect the flow direction and gradient of shallow groundwater. In areas of particularly shallow groundwater in the Fife Segment (wetlands, floodplain areas, and in the vicinity of the Puyallup River), dewatering (also affecting shallow groundwater flow) may be necessary during project construction.

Tacoma Segment

Construction impacts for the alternative and design option would be similar to those described for all build alternatives. Steep slopes and landslide hazards are generally not present along the alternatives in the Tacoma Segment, with exception of near the west end of the Tacoma 26th Street Alternative just north of the Tacoma Dome. If the Tacoma 26th Street Alternative were constructed, preventive measures, as described in Section 4.11.3.5, would be in place to prevent the risk of a landslide or slope failure in this area. Data describing certain soil characteristics (corrosivity, hydric soils) were not available for the Tacoma Segment. Seismic hazards for the alternatives in the Tacoma Segment are generally identical to those of the Fife Segment. These alternatives would be on soils with a high liquefaction susceptibility and ground motion amplification as well as being within the inundation zone of a tsunami generated by a major seismic event on the Tacoma Fault Zone. The lahar hazard from a significant Mount Rainier eruption would also encompass the entirety of the Tacoma Segment.

Similar to the Fife Segment, groundwater in the Tacoma Segment study area is relatively shallow (less than 10 feet below ground surface). Similar considerations for retaining structures, stormwater infiltration, and dewatering (in floodplain areas and near the Puyallup River) would be considered for the alternatives in the Tacoma Segment. Additional information on groundwater is discussed in Section 4.8, Water Resources.

4.11.3.4 Indirect Impacts

Introducing light rail may contribute to increased development in the vicinity of the project (consistent with existing development regulations), leading to increased demands on municipal water supplies to serve an increased population. An increased demand on groundwater for potable water supply purposes could lead to an increase in pumping rates and a necessity for

an expansion in groundwater protection areas. As noted above, a more in-depth description and analysis of groundwater can be found in Section 4.8, Water Resources.

4.11.3.5 Avoidance and Minimization of Impacts

The potential impacts identified above could be avoided or minimized through engineering design standards and BMPs designed to address and control long-term impacts from TDLE. Examples of these practices include, but are not limited to, erosion control measures, dewatering, and groundwater injection methods. Design standards and BMPs would be derived from site-specific data and standard highway and rail construction practices. Measures would also be identified to meet state and federal design and construction codes for transportation projects. Construction standards and guidance used by Sound Transit, WSDOT, FTA, FHWA, and the American Association of State Highway and Transportation Officials would be followed to ensure that appropriate measures are employed.

Steep slopes in the Tacoma 26th Street Alternative at East G Street would require erosion control management practices to address erosion hazard in this location.

Project-specific construction-related measures to avoid or minimize impacts would be considered in subsequent geotechnical evaluations. In specific cases where geologic hazards are not avoidable in the study area, the impacts of these hazards would be controlled through the use of appropriate engineering controls and practices. If dewatering is required in the Fife or Tacoma segments, the potential for settlement of nearby structures and changes in flow direction resulting in the potential need to address contaminated groundwater would be considered during design. Methods could include localized dewatering and groundwater injection methods, using sheet-pile walls for horizontal groundwater containment, or underpinning nearby structures. Sound Transit would incorporate these measures into construction plans and specifications as applicable.

Specific impacts would be addressed through the evaluation of geotechnical and other subsurface data that would be collected in proposed project corridor during the final design process. The data would be collected and reported in a separate geotechnical report prepared during final design. The geotechnical report would more specifically address avoidance and minimization measures for short-term construction impacts for particular project elements to geologic, hydrogeologic, and soils conditions.

4.11.4 Potential Mitigation Measures

With appropriate use of engineering design standards and BMPs, as described above, no adverse geological or soils impacts are anticipated. Therefore, no mitigation is needed.

4.12 Hazardous Materials

4.12.1 Introduction to Resource and Regulatory Requirements

This section describes the hazardous materials analysis, which identified properties in proximity to the TDLE build alternatives that are recognized to have potential hazardous materials issues associated with current or historical site activities or that have documented releases to the environment. Hazardous materials or substances, hazardous wastes, petroleum products and wastes, and contaminated environmental media (including soils, sediments, surface water, and groundwater) associated with past land use could potentially result in impacts on human health and safety and the environment during construction activities or long-term operation activities. During construction, adverse impacts could include releasing contaminants to soil, groundwater, or surface water, uncovering contaminated materials that could directly expose workers or the public, or spreading contamination. Beneficial effects of the project could include the cleanup and mitigation of contamination on acquired properties that otherwise would remain in place or could potentially migrate.

Supporting information, including the guiding federal and state regulations, plans, and policies, as well as a summary of the methodology used and the complete list of regulatory sites found per alternative, is included in Appendix H7, Hazardous Materials Supporting Information.

4.12.2 Affected Environment

For the analysis of hazardous materials, the study area includes the area within 0.25 mile (1,320 feet) of either side of the project footprint and the area used for construction.

The affected environment within the project study area was assessed by reviewing the state, Tribal, and federal regulatory database records, as well as by reviewing relevant historical land uses within the study area. A visual windshield survey was conducted to identify properties where hazardous materials might be present and to confirm the locations of sites identified in database records. The identified sites were categorized based on the proximity to the study area, the type and number of databases in which the site was found, the known releases of hazardous materials or petroleum products, and the status of remediation or cleanup efforts at sites with known releases. Based on the information collected, sites were categorized into one of three site ranking categories: high, medium, and low. The purpose of the site ranking analysis is to prioritize sites to determine the need for avoidance, remediation, or mitigation while considering associated impacts. The risk levels are defined as follows (WSDOT 2017):

- **High.** Sites that may be substantially contaminated and would create a major liability either during construction or by virtue of acquiring all or a portion of the site. If the site has undergone a detailed investigation and a feasibility study, the impacts and remediation costs may already be estimated. Nonetheless, the site is identified as a high-risk site because of its potentially substantial impact or liability. In general, high-risk sites are properties that may have large volumes of contaminated soil, groundwater, or sediment, or properties that have multiple complex types of contaminants that require special handling and disposal that is expensive to manage. High-risk sites also include properties where the information necessary to predict remedial costs is lacking. High-risk sites that may be acquired have been evaluated through a Phase I Environmental Site Assessment to ascertain to the extent possible the potential need for remediation, the general magnitude of cost, and the impact on the project.

- **Medium.** Sites where the likelihood to impact the project is moderate because of the type or extent of contamination or because groundwater from the site is impacted and has a reasonable potential to impact the project footprint from off-site migration of groundwater (but there is no conclusive evidence).
- **Low.** Sites where the nature of potential contamination is known and the likelihood to impact the project is low because there was no evidence to suggest that groundwater from the site is impacted or off-site migration of contamination is not expected to impact the project during construction. Sites where hazardous materials may be or may have been present but had no or only very small, reported releases.

4.12.2.1 Current and Historical Land Use

The TDLE corridor is in the vicinity of I-5 and Pacific Highway, traveling across ancestral and reservation lands of the Puyallup Tribe of Indians, as well as the cities of Federal Way, Fife, Milton, and Tacoma. Generally, the Federal Way and Milton portions of the corridor historically consisted of farmland, rural residential, and commercial properties along I-5, while the Fife and Tacoma portions have historically been commercial and industrial. The Union Pacific Railroad and BNSF railyard are present in the vicinity of the Tacoma Segment.

The Port of Tacoma, located north of the Fife and Tacoma segments, is a commercial seaport established in 1918 and part of the Commencement Bay, Nearshore/Tide Flats Superfund sites. The cleanup of the Commencement Bay Superfund Site and a number of restoration efforts to protect water quality and wildlife habitat have been implemented, which has included abatement of contaminated sediments and salmonid habitat enhancements (EPA 2005). The EPA placed the Commencement Bay Site on the Superfund National Priorities List in 1983 due to widespread contamination of the water, sediments, and upland areas (EPA 2021). Commencement Bay is managed as seven distinct clean-up sites; including the Asarco Smelter, Hylebos Waterway, and Thea Foss Waterway projects, which are in proximity to the project footprint. The largest contamination and cleanup involved the Commencement Bay Natural Resources Damage Assessment, which triggered remediation of PCBs, dioxins, and heavy metals in the Hylebos Waterway and seven other waterways. The assessment also led to the implementation of a series of restoration projects along the shores of Commencement Bay, near the study area adjacent to Hylebos Creek, and along the Puyallup River (NOAA 2020).

The study area for all TDLE build alternatives is located within the Asarco Tacoma smelter plume. Asarco Company was a copper smelter in Tacoma that operated from the late 1800s through 1985. Airborne particulates vented from the smelter settled on surface soils resulting in arsenic, lead, and other heavy metals in surface soil throughout the Puget Sound area. The TDLE corridor is within an area of the plume with estimated arsenic concentrations below 20 parts per million, the level considered as protective of both human health and the environment under the Washington State Model Toxics Control Act.

4.12.2.2 Description of High-Risk Hazardous Materials Sites

The following hazardous materials sites were identified as high risk. No high-risk sites were identified in the Federal Way Segment. The high-risk sites in the South Federal Way, Fife, and Tacoma segments are shown in Figures 4.12-1 through 4.12-3. None of these high-risk sites are federally regulated Superfund sites. All sites (high, medium, and low risk) for each of the alternatives are shown in Figures H7-1 to H7-9 in Appendix H7, Hazardous Materials Supporting Information.

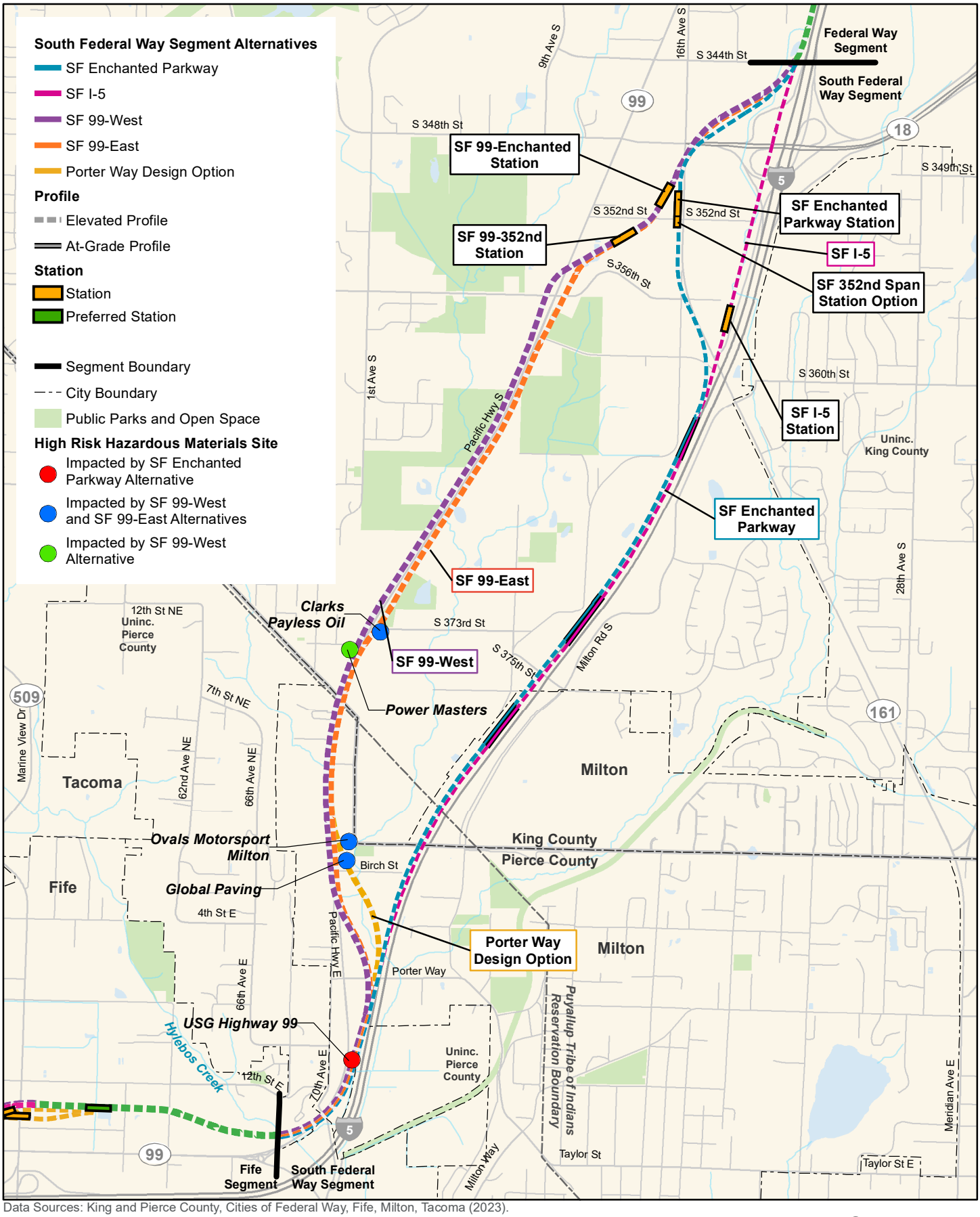

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.12-1
High Risk Hazardous Materials Sites
South Federal Way Segment

Tacoma Dome Link Extension

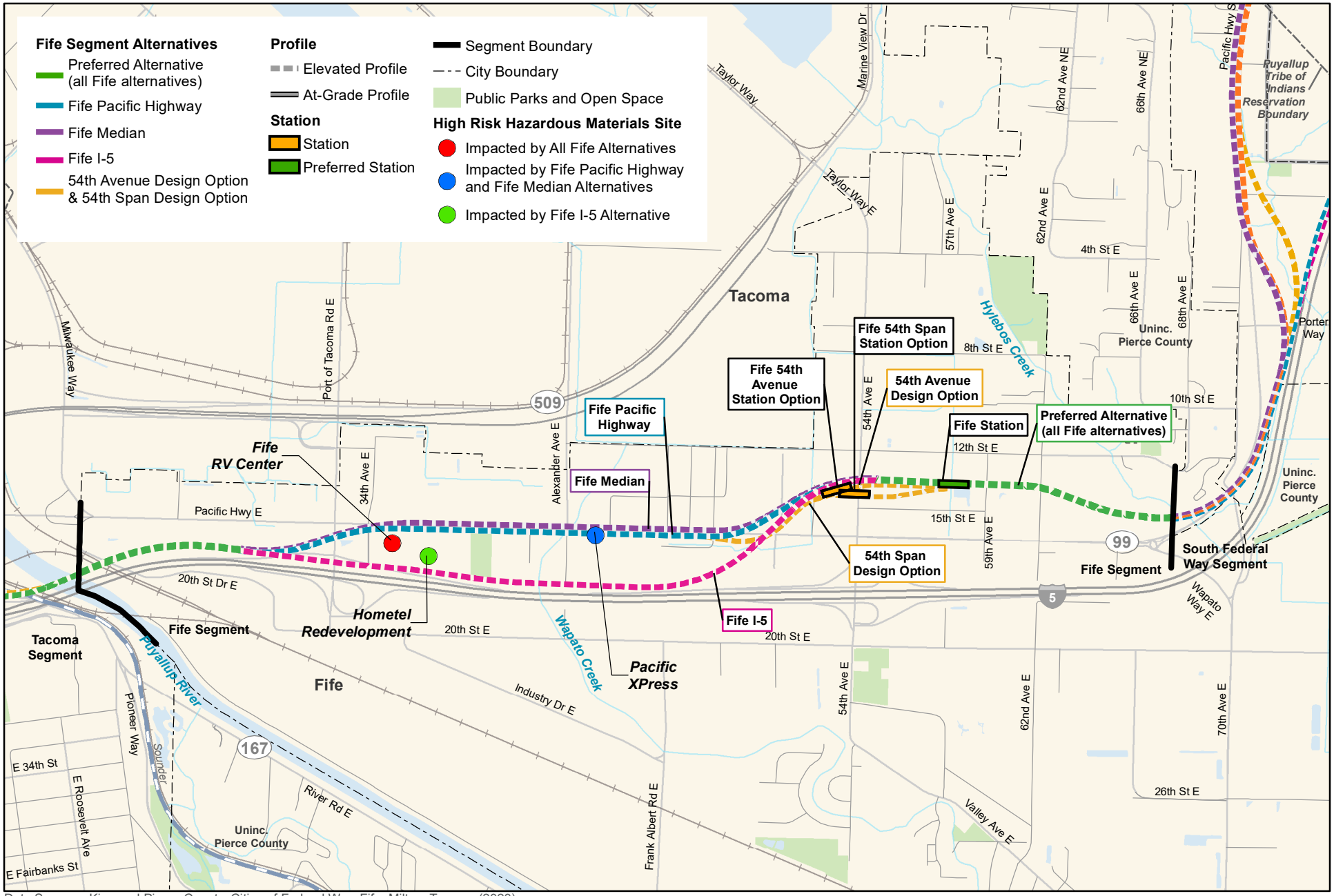

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.12-2
High Risk Hazardous Materials Sites
Fife Segment

Tacoma Dome Link Extension

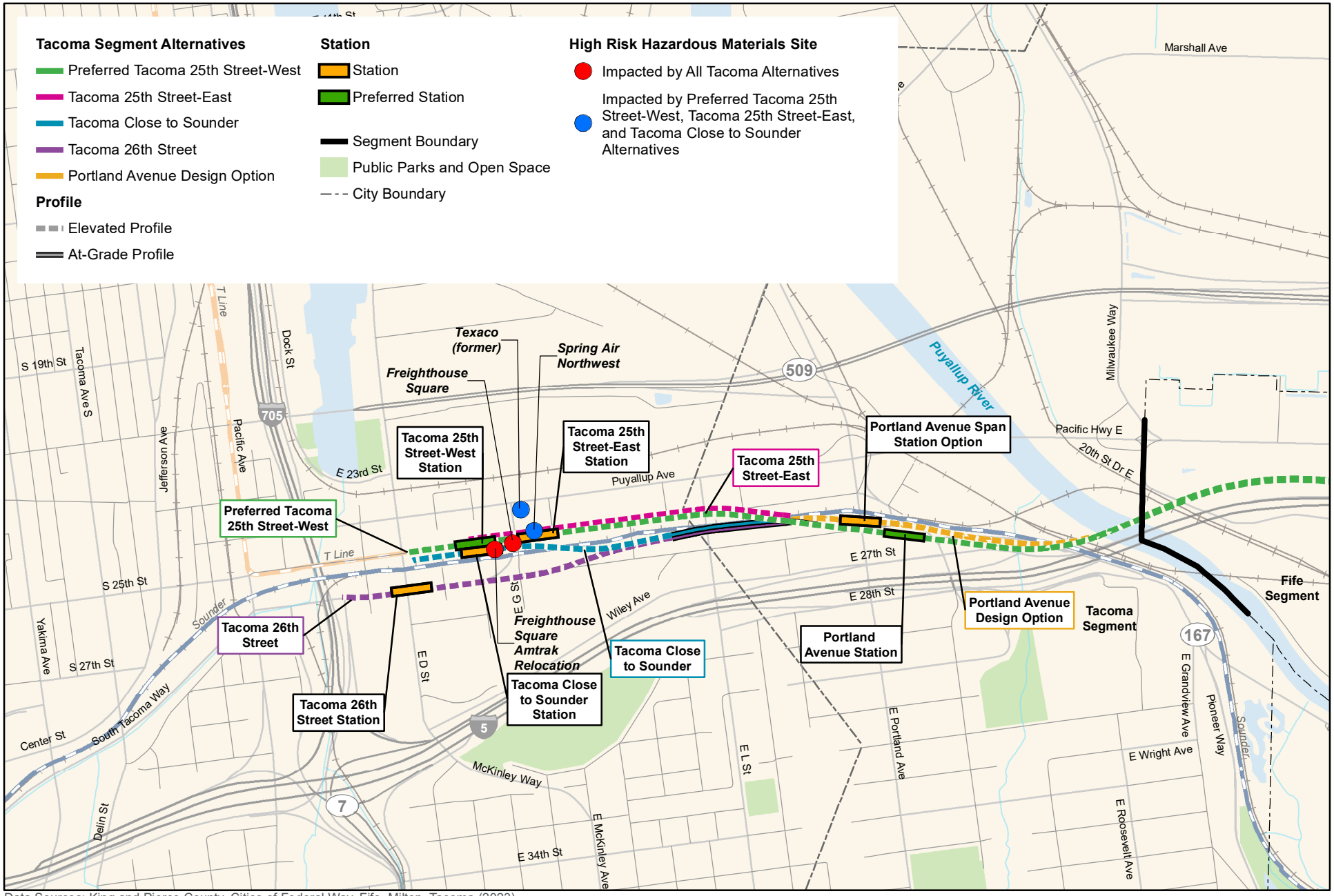

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.12-3
High Risk Hazardous Materials Sites
Tacoma Segment

Tacoma Dome Link Extension

South Federal Way Segment

Clarks Payless Oil

The Clarks Payless Oil site is an automotive repair facility and cleanup site with confirmed petroleum contamination in the soil from a leaking underground storage tank (LUST). Cleanup on the site has been started, according to Ecology, but has not been completed. No electronic documents with specific details on levels of contaminants, location of contaminated areas, or pursued remedial actions are available from the Ecology online database.

Power Masters

The Power Masters site is a cleanup site with suspected petroleum and metals in soil, groundwater, and surface water from on-site activities. There is no documentation of investigation at the site, and it is listed as awaiting cleanup.

Ovals Motorsport Milton

The Ovals Motorsport Milton site is a former automotive repair facility and cleanup site with confirmed arsenic contamination in the groundwater. The site is listed in the Voluntary Cleanup Site database, and cleanup is listed as started as of 2011. No additional information was found, and no documented interactions with Ecology were found after 2011.

Global Paving

The Global Paving site is a cleanup site with suspected petroleum, polychlorinated biphenyl (PCB), polycyclic aromatic hydrocarbon (PAH), and metal contamination in the soil from on-site activities, as well as fill material obtained from an unknown source. Some soil was removed from the wetland buffer zone on the site in August 2017; however, no analytical data, disposal documentation, or permits have been submitted to Ecology. Cleanup of this site is not complete.

Fife Segment

Fife RV Center (La Casa Real Drum)

The Fife RV Center is an active cleanup site undergoing quarterly groundwater monitoring for a documented historical release of petroleum hydrocarbons associated with the former Gasamet gasoline station that occupied the property from the 1960s to the 1980s. Remediation of soil and groundwater was performed, and the cleanup was determined to be complete. However, in 2014, further investigation was conducted on the site, and petroleum constituents were detected above screening levels in soil and groundwater, including total petroleum hydrocarbon gasoline in soil and benzene in soil and groundwater. Contaminated soil removal was completed in 2016; however, additional groundwater monitoring and further actions are required to delineate the extent of petroleum-related contamination (Aerotech 2018).

Hometel Redevelopment

Hometel Redevelopment, former location of the Hometel Inn, is a cleanup site with no official closure or No-Further Action Determination from a regulatory agency. It is adjacent to the Fife RV Center cleanup site detailed above. Confirmed contamination of groundwater and soil is documented, including metals and petroleum constituents. No electronic documents with specific details on levels of contaminants, location of contaminated areas, or pursued remedial actions are available from the Ecology online database.

Pacific Xpress

Pacific Xpress is an active gas station and cleanup site with localized contaminated soil and groundwater with petroleum constituents from a LUST discovered on site in 2018. Interim cleanup actions included removal and replacement of the LUST system, over-excavation of contaminated soil, and application of an oxidizing agent to the subsurface to support bioremediation of remaining impacts. Sampling of soil and groundwater after the interim cleanup actions indicated that soil and groundwater still exceed cleanup levels. The site has been entered into the Washington State Petroleum Technical Assistance Program and is being managed by the State's Pollution Liability Insurance Agency. Cleanup of this site is not complete. Additional remedial actions will be required for regulatory site closure.

USG Highway 99

The USG Highway 99 site was used as a disposal site for plant processing waste and baghouse dust from USG Interiors in Tacoma, which used ASARCO slag during production. The slag contained elevated concentrations of arsenic. Much of the slag was removed from the site in the 1980s. Due to arsenic detected above cleanup levels in soil and groundwater in 2007, USG is required by Ecology to further investigate and cleanup the site. Cleanup activities will include in-situ chemical stabilization of remaining soil hot spots with a cement-based mixture (solidification), removal of contaminated sediments from Hylebos Creek, and the installation of a permeable cap. Cleanup of this site is not complete.

Tacoma Segment

Freighthouse Square

The Freighthouse Square site is a three-block property bounded by E 25th Street to the north, East G Street to the east, East D Street to the west, and railroad tracks to the south. The site was historically used to store diesel fuel and heavy fuel oil. During redevelopment of the property in 1993, soil and groundwater contamination was found on the property. A limited amount of soil was removed, and the remainder of the contaminated soil and groundwater was left in place and covered by an asphalt cap. Remedial efforts include the installation of an asphalt cap and placement of an institutional control that restricts groundwater use or activities that would disturb the asphalt cap and subsurface soil. The site received a No Further Action determination in 2003, which included continuing the restrictive covenant and a commitment to 5-year periodic reviews. The last periodic review by Ecology was in 2017, and the site was given a determination that the cleanup and engineering and institutional controls are still protective of human health and the environment.

Freighthouse Square Amtrak Relocation

The Freighthouse Square Amtrak Relocation site is bounded by E 25th Street to the north, East G Street to the east, East D Street to the west, and railroad tracks to the south. Soil and groundwater contamination were found at this site during the Amtrak Relocation Project, which included soil borings and monitoring wells installed around the entire three-block property. Groundwater was found to be contaminated with arsenic and carcinogenic PAHs, and oil-range hydrocarbons were found in the soil, spanning multiple properties, and most likely associated with a larger contamination plume. This site is related to the Freighthouse Square site, as they are in the same geographic location, and the contamination found at both sites likely originated from a century of railroad and industrial activities in the area; however, they are currently considered by

Ecology to be different cleanup sites and are therefore treated as separate sites for the purposes of this analysis.

Spring Air Northwest

The Spring Air Northwest site is an industrial property with historical heating oil tanks and evidence of oil and varnish storage. The site is located to the south of the former Texaco service station (detailed below). Soil and groundwater contamination, including petroleum constituents and metals, are present on the property, and additional work has been proposed in a Remedial Investigation Workplan dated 2016 (ECI 2016). No documentation of remedial work was identified during the hazardous materials analysis.

Former Texaco Service Station

The former Texaco service station site is an active cleanup site with confirmed contamination from underground storage tanks associated with a former gasoline station on the property. The soil and groundwater are contaminated with petroleum constituents, and the site is currently in a Voluntary Cleanup Program agreement. According to a Remedial Investigation Report from 2017 (ECI 2017), additional characterization of the extent of contamination is needed, as is quarterly groundwater monitoring. This site is located adjacent to the north of the Spring Air Northwest site.

4.12.3 Environmental Impacts

This section discusses the direct long-term operational and short-term construction impacts of the No-Build Alternative build alternatives. Detailed maps are also included (in Appendix H7) as appropriate to facilitate the discussion and understanding. Sites categorized as high-risk are show in Figures 4.12-1 and 4.12-2.

4.12.3.1 No-Build Alternative

The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The No-Build Alternative would avoid disturbance, removal, or cleanup of potentially hazardous materials, including contaminated soil and groundwater on the TDLE corridor. Changes may occur due to other planned projects in the vicinity. Any existing contamination would remain in place, and the potential uncontrolled migration of existing contaminants might continue except where active cleanup operations are underway (and unrelated to the project).

4.12.3.2 Long-Term Impacts for the Build Alternatives

Permanent property acquisition for the project could trigger hazardous materials impacts where any site requires additional investigation as well as possible cleanup and remediation before or during construction. These impacts are described in this section as long-term impacts, although some of the actions occur during construction. Long-term impacts can occur where hazardous materials might remain present on properties acquired for the project and could potentially impact humans or the environment after the project is constructed. Some of the activities involved, such as ongoing remediation, monitoring, and reporting on previously contaminated sites, could extend beyond completion of the project and would provide a positive benefit to the region as sites are cleaned up.

The following sections describe the potential impacts of the high-risk sites identified above relative to the proposed alternatives. High-risk sites proposed for full or partial acquisition are discussed because they have the greatest potential impact on project development. Long-term impacts of these high-risk sites on the project could be the continuation of cleanup responsibilities (for example, groundwater monitoring) even after the project is constructed. It is expected that environmental site assessments would be conducted for all acquisitions to further analyze the potential impacts of the hazardous materials sites on the project, in compliance with applicable regulations and procedures.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the M.O.S. to the station in Fife would have the same type of impacts, just in a smaller geographic area, until the remaining phases were completed. Both M.O.S.s would avoid impacts to potential high-risk hazard sites in Fife (west of 54th Avenue East) and Tacoma.

Federal Way Segment

No high-risk hazardous materials sites were identified within the Federal Way Segment.

South Federal Way Segment

The high-risk hazardous materials sites in the South Federal Way Segment are located on parcels potentially affected by the project are identified in Table 4.12-1.

Table 4.12-1 High-Risk Hazardous Materials Sites, South Federal Way Segment

Alternative	Ovals Motorsport Milton	Clarks Payless Oil	Global Paving	Power Masters	USG Highway 99
SF Enchanted Parkway Alternative	Not Affected	Not Affected	Not Affected	Not Affected	Affected
SF I-5 Alternative	Not Affected	Not Affected	Not Affected	Not Affected	Affected
SF 99-West Alternative[1]	Affected	Affected	Affected	Affected	Affected
SF 99-East Alternative[1]	Affected	Affected	Affected	Not Affected	Affected

Note:
(1) Sites are the same with or without the Porter Way Design Option.

Ovals Motorsport Milton: Potential impacts include encountering groundwater contaminated with arsenic.

Clarks Payless Oil: Potential impacts include encountering soil and groundwater contaminated with petroleum products.

Global Paving: Potential impacts include encountering soil and groundwater contaminated with petroleum, PAHs, PCBs, and metals.

Power Masters: Potential impacts include encountering petroleum and metals contaminated soil, groundwater, and/or surface water.

USG Highway 99 Site: Potential impacts include encountering soil and groundwater contaminated primarily with arsenic.

Fife Segment

Impacts Common to All Alternatives in the Fife Segment

Although sediment contamination has not been documented in the immediate vicinity of the proposed bridge over the Puyallup River for the Fife Segment, based on the history of industry along the river and the documented sediment contamination in Commencement Bay, there is the possibility that the construction of a bridge with an in-water pier could mobilize existing contaminants. This could occur during construction or over the long term due to scouring caused by changes in river dynamics.

The high-risk hazardous materials sites in the Fife Segment on parcels potentially affected by the project are identified in Table 4.12-2.

Table 4.12-2 High-Risk Hazardous Materials Sites, Fife Segment

Alternative	Fife RV Center (La Casa Real Drum)	Pacific Xpress	Hometel Redevelopment
Fife Pacific Highway Alternative[1]	Affected	Affected	Not Affected
Fife Median Alternative[1]	Affected	Affected	Not Affected
Fife I-5 Alternative[1]	Affected	Not Affected	Affected

Note:
(1) Sites are the same with or without the 54th Avenue or 54th Span design options.

Fife RV Center (La Casa Real Drum): The Pacific Highway Alternative and the Fife Median Alternative would potentially affect three parcels associated with the site, and the Fife I-5 Alternative would potentially affect two parcels. Potential impacts include encountering soil and groundwater contaminated with petroleum hydrocarbons.

Pacific Xpress: Potential impacts include encountering soil and groundwater contaminated with petroleum products.

Hometel Redevelopment: Potential impacts include encountering soil and groundwater contaminated with petroleum products and metals.

All Fife Segment Alternatives impact the same number of high-risk sites. The Fife I-5 Alternative only affects two of the three tax lots that comprise the Fife RV Center (La Casa Real Drum) high-risk site, whereas the other two alternatives affect all three tax lots of this high-risk site.

Tacoma Segment

The high-risk hazardous materials sites in the Tacoma Segment on parcels potentially affected by the project are identified in Table 4.12-3.

Table 4.12-3 High-Risk Hazardous Materials Sites, Tacoma Segment

Alternative	Freighthouse Square Amtrak Relocation	Freighthouse Square	Spring Air Northwest	Former Texaco Service Station
Preferred Tacoma 25th Street-West Alternative	Affected	Affected	Affected	Affected
Tacoma 25th Street-East Alternative	Affected	Affected	Affected	Affected
Tacoma Close to Sounder Alternative	Affected	Affected	Affected	Affected
Tacoma 26th Street Alternative	Affected	Affected	Not Affected	Not Affected

Freighthouse Square Amtrak Relocation: The Preferred Tacoma 25th Street-West Alternative, Tacoma 25th Street-East Alternative, and Close to Sounder Alternative would affect three parcels associated with the site, and the Tacoma 26th Street Alternative would potentially affect two. Potential impacts include encountering soil contaminated with petroleum products and PAHs and groundwater contaminated with metals.

Freighthouse Square: The Tacoma 25th Street-West Alternative, the Tacoma 25th Street-East Alternative, and the Tacoma Close to Sounder Alternative would potentially affect three parcels associated with the site, and the Tacoma 26th Street Alternative would potentially affect two parcels. Potential impacts include encountering soil contaminated with petroleum products and PAHs and groundwater contaminated with arsenic and metals. Additionally, the restrictive covenant conditions and requirements must be met.

Spring Air Northwest: Potential impacts include encountering soil and groundwater contaminated with petroleum products and metals.

Former Texaco Service Station: Potential impacts include encountering soil and groundwater contaminated with petroleum products and metals.

The Tacoma 26th Street Alternative has the least number of high-risk sites, compared to the other alternatives in the Tacoma Segment.

4.12.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Alternatives

Although the acquisition (and associated cleanup) of high-priority hazardous materials sites would typically occur during construction, it is discussed above in Section 4.12.2.2 because it is related to the liability of right-of-way acquisition in the long term. The encountering of contaminated soil or groundwater during project construction and dewatering could result in project delays and mitigation costs.

Short-term adverse impacts from construction activities could occur from accidental spills and leaks that could affect soils and infiltrate to groundwater, run off with stormwater, or enter directly into surface waters. Construction activities, such as demolition, could expose workers, the public, and the environment to hazardous materials, including lead or asbestos. Sound Transit requires that the handling of such materials during construction or demolition be done according to regulatory protocols, which would minimize these risks. During construction, and particularly during excavation, contamination associated with hazardous materials or petroleum hydrocarbons could be exposed, particularly if dewatering is required in proximity to a location with contaminated groundwater.

Potential Benefits

Construction of the project could have beneficial impacts on the area. Contamination that would have otherwise been left in place could be discovered and addressed by the project, and cleanup of known sites may occur earlier than anticipated due to construction timelines. Contamination may also be prevented by identifying and removing existing sources, such as underground storage tanks and aboveground storage tanks, before they cause releases.

Avoidance and Minimization of Impacts

The potential impacts identified above could be avoided or minimized through the performance of environmental due diligence appropriate to the size and presumed past use at any properties

in the study area before they are acquired or before construction occurs (WSDOT 2019). As part of this Draft EIS, Phase I Environmental Site Assessments have been conducted for all high-risk properties that may be acquired. It is expected that Phase I Environmental Site Assessments would be completed for all acquisitions for the preferred alternative prior to the Final EIS. A subsequent Phase II Environmental Site Assessment may be necessary for sites where contamination has been identified or is suspected.

Sound Transit would be responsible for the remediation of contaminated soil and groundwater encountered during construction, including that which would be previously unknown. To the extent practicable, Sound Transit would also limit construction activities that might encounter contaminated groundwater or contaminated soil. Based on the due diligence process, mitigation, handling, and disposal plans for contaminated media and hazardous construction debris would be developed on a site-by-site basis in conjunction with the appropriate regulatory agencies.

Additionally, hazardous substances and petroleum products – such as fuels, paints, solvents, and other chemicals – used during construction would be managed and stored per the contractor's pollution control plan. BMPs would be followed in order to reduce the risk of spills, leaks, or other releases during construction activities. These BMPs would be incorporated into construction plans and specifications as applicable and may include:

- Fueling, maintenance, and cleaning in contained areas (berms, etc.).
- Minimization of the production or generation of hazardous materials.
- Appropriate labeling and storage of hazardous waste per federal regulations.
- Designated hazardous waste storage away from storm drains or surface water.
- Recycling of materials (used oil- and water-based paint) as appropriate.
- Handling any potential spills of hazardous materials in conformance with applicable Safety Data Sheets.

4.12.3.4 Indirect Impacts

Construction of TDLE has the potential to encourage redevelopment of the urban areas in which the project is planned. This redevelopment could result in the demolition of structures that may contain hazardous building materials and could also result in encountering existing subsurface contaminants in the soil and groundwater during excavation that may require special handling and remediation. Redevelopment of properties in the study area might result in cleanup of contamination earlier than might otherwise occur, which would be an indirect benefit of the project.

4.12.4 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above would be anticipated.

4.13 Electromagnetic Fields

4.13.1 Introduction and Regulatory Requirements

This section evaluates the potential impacts TDLE may have on electric and magnetic fields, commonly referred to as electromagnetic fields (EMFs). Electric fields are created by electric charges, while magnetic fields are generated by the flow of electric current. Magnetic fields can also be generated by the movement of vehicles, such as cars, trucks, buses, and trains. EMFs are present around all electrical equipment and facilities, and higher electric charges and currents generate stronger EMFs. Additionally, EMFs can interfere with the operations of sensitive medical, high-technology manufacturing, and research equipment. However, EMFs and effects from associated interference decrease rapidly with increasing distance from the source (NIEHS and NIH 2002).

There are no federal, state, or local regulations or policies governing EMF exposure. However, the International Commission on Non-Ionizing Radiation Protection, the American Conference of Governmental Industrial Hygienists, and the Institute of Electrical and Electronics Engineers (IEEE) have developed exposure guidelines for workers and the public (ICNIRP 2009, 2010; ACGIH 2020; IEEE 2019). Using the minimum of these exposure levels for magnetic fields generated by direct current, which is used to power light rail, people should not be exposed to levels above 1,180 gauss (IEEE 2019).

Key Terms

A **volt** is the base unit of electrical force (or potential) that drives an electric current between two points. An **amp** is the base unit of electric current that flows between two points in an electric circuit.

Electric fields are measured in units of volts per meter and magnetic fields are measured in units of **gauss**. Electromagnetic wave frequency is measured in units of **hertz**, or cycles per second.

Direct-current power refers to current that flows in one direction (from higher to lower potential), so its wave frequency is 0 hertz.

Electric power is measured in units of **watts**. Electric work or energy is measured in units of **kilowatt-hours** (1 kilowatt of power expended for 1 hour).

4.13.2 Affected Environment

The widespread use of electricity in homes and businesses means that EMFs are present almost everywhere. Most people in the United States are exposed to low-level magnetic fields, although individual exposures vary (such as in the immediate area of appliances). Most people's EMF exposure at work comes from electrical appliances and tools and from the building's power supply. The surrounding communities throughout all alternatives are served by a combination of overhead and buried electric distribution lines providing power to the existing commercial, industrial, and residential uses in the areas. There are also two BPA high-voltage transmission lines (500 kV and 230 kV) located just south of The Commons in the northern portion of the Federal Way Segment.

Sound Transit reviewed existing and planned property uses where potential EMFs from light rail vehicles might interfere with normal operation and function of sensitive research or medical equipment. The study area for TDLE encompasses the area within 300 feet of the build alternatives, including station locations. This area captures locations that may be affected by EMFs generated by construction and operation of the project. Sound Transit did not identify any EMF-sensitive facilities, buildings, or land uses within the study area.

Four existing medical facilities were identified within 300 feet of the build alternatives: UW Medicine Neighborhood Clinic Federal Way, Seattle Children's South Clinic, Puyallup Tribal Integrative Medicine, and Occupational Medical Clinic of Tacoma. Sound Transit confirmed that

none of these facilities has EMF-sensitive equipment. The Portland Area Indian Health Services is planning to construct a new building adjacent to Puyallup Tribal Integrative Medicine that will house specialty care services. As of mid-2024, it is not currently known whether any EMF-sensitive equipment will be included in that expansion.

4.13.3 Environmental Impacts

4.13.3.1 No-Build Alternative

If TDLE is not built, the existing EMF environment along the TDLE corridor would not change. The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).

4.13.3.2 Long-Term Impacts for the Build Alternatives

Because the TDLE study area contains no sensitive facilities with equipment susceptible to EMF, environmental impacts are discussed together qualitatively for all the build alternatives.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and the M.O.S. to the station in Fife would have the same type of impacts, but in a smaller geographic area.

Impacts Common to All Alternatives

The build alternatives would not interfere with sensitive medical or electronic equipment because no sensitive equipment are present in the study area has been identified. Sound Transit would coordinate with the Portland Area Indian Health Services during development of their planned specialty care services facility adjacent to the Puyallup Tribal Integrative Medicine Building.

EMFs from project operation would include static magnetic fields generated by direct-current (0 hertz) electricity flowing from the traction power substations to the light rail vehicles; static magnetic field variations in the Earth's magnetic field generated by movement of the large metal trains; and radio frequency fields from wireless systems, such as communications, data transmission, and monitoring systems, on the light rail vehicles and along the corridor. Because the wireless systems would meet Federal Communications Commission requirements for intentional emitters (CFR Title 47 Part 15 and Office of Engineering and Technology Bulletin 65), EMFs generated by these systems would be considered part of the normal EMF environment and would not affect potentially sensitive equipment during normal operation.

Of these effects, the main source of EMFs from the light rail system would be the static magnetic fields generated by the traction power system, with direct-current electricity provided from the traction power substations to the light rail vehicles via overhead catenary wires and returning to the traction power substations via running rails. While it is possible for static EMFs to interfere with the normal operation of sensitive equipment, this would be unlikely beyond about 100 feet from the light rail line because EMFs rapidly decrease in strength with distance from their source (NIEHS and NIH 2002).

The electric current from the traction power substations carried by the catenary wires is a pulsating form of direct current, which can interfere with the radio waves of AM radio broadcasts. Other sources of electric charges, including high-voltage power lines, trolley wires

for electric buses, and hybrid cars, can also interfere with low-frequency radio waves. Such interference may annoy the listener but does not damage radio equipment.

In certain situations, with sufficiently high exposure, EMFs can also result in adverse effects on human health. The static magnetic field from light rail operation would not exceed 10 gauss, which is less than 1/100th of the exposure considered safe for human health by IEEE (2019). The light rail system would not be a notable source of static magnetic fields for human exposure.

All TDLE build alternatives would cross under BPA's 500 kV and 230kV high-voltage transmission lines that are just south of The Commons in the Federal Way Segment. These lines would be raised as part of the OMF South project if that site is located in Federal Way and constructed before TDLE. If OMF South is not built in Federal Way, these lines would need to be modified as part of TDLE to avoid interference with light rail operations. The lines would be raised to avoid potential EMF interference that could impact the light rail system. These modifications would include installation of new towers to shift the location of each line and raise the lines within BPA's existing right-of-way. Both electric and magnetic field levels are expected to be well below exposure guidelines at the approximate edge of the right-of-way for the modified segments of the lines.

Direct-current electricity flowing through the traction power system may produce stray currents that flow along conducting paths other than the running rails. These alternative paths may include water, the Earth, or metal structures, such as those providing utilities in the study area, which are discussed in more detail in Section 4.15, Utilities. If not sufficiently controlled, stray currents could cause corrosion over time to adjacent metal structures that are not sufficiently grounded and protected.

Avoidance and Minimization of Impacts

Sound Transit currently uses effective grounding and stray current protection practices on existing light rail lines and would coordinate with utility providers to identify appropriate practices to avoid or minimize corrosion. Best management practices appropriate for the circumstances would be selected to minimize or avoid the potential for stray current impacts. Typical design measures include:

- Installing cathodic protection systems in nearby utility lines to protect them from corrosion.
- Installing insulating unions to break the electrical conductivity of the utility line and force the stray current to take another path.
- Isolating the electrical rails from the ground.
- Installing stray-current-control track-fastening systems, where appropriate.

4.13.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Alternatives

EMFs would be generated by construction equipment and during construction and testing of the electrical systems for TDLE. However, construction equipment generates negligible amounts of EMFs. Because there are no existing facilities with EMF-sensitive equipment in the study area, no impacts from EMF are anticipated to these facilities during construction under any of the build alternatives. Sound Transit would coordinate with the Portland Area Indian Health Services during development of their planned specialty care services facility adjacent to the Puyallup Tribal Integrative Medicine Building.

4.13.3.4 Indirect Impacts

There is no potential for indirect impacts because there are no EMF-sensitive facilities or equipment in the study area.

4.13.4 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above would be anticipated.

4.14 Public Services, Safety, and Security

4.14.1 Introduction to Resource and Regulatory Requirements

This section discusses the existing conditions and potential impacts on public services, safety, and security in the study area. Public services considered in this analysis are fire and emergency medical services, police services, schools (public and private), solid waste and recycling collections, and other public services (e.g., United States Postal Service). There are no relevant regulatory requirements related to public services.

4.14.2 Affected Environment

This section discusses the existing public services in the TDLE corridor. The study area is defined as the area within 0.5 mile of the project footprint and each of the potential TDLE stations. Figures 4.14-1 through 4.14-4 show the locations of those facilities in the study area.

4.14.2.1 Fire and Emergency Medical Services

Federal Way Segment
South King Fire & Rescue (South King Fire) provides emergency response services covering approximately 41 square miles, including the cities of Des Moines and Federal Way and a portion of unincorporated King County. Facilities include seven fire stations and one training and maintenance station. The department employs 180 personnel, of whom 157 are uniformed personnel, with a minimum of 27 firefighters and emergency medical technicians on duty 24 hours a day, 7 days a week (South King Fire 2022).

South King Fire is teamed with King County's Medic One program and Valley Communications Center, which provides 911 dispatch services. South King Fire is also partnered with the City of Federal Way Emergency Management for emergency response to larger-scale emergency alerts, such as earthquakes or floods.

No fire stations are within the study area in the Federal Way Segment. South King Fire stations 62 and 64 are the closest stations to project alternatives, Station 64 is less than a mile east of I-5, and Station 62 is over a mile northeast of the study area.

South Federal Way Segment

The majority of the South Federal Way Segment is served by South King Fire, as described above. It is also served by East Pierce Fire and Rescue in the southeast portion of the segment in the vicinity of Milton.

East Pierce Fire and Rescue provides emergency management services covering approximately 153 square miles, including the cities of Bonney Lake, Sumner, Lake Tapps, the Ridge Communities, South Prairie, Tehaleh, Edgewood, and Milton, as well as a portion of unincorporated Pierce County. East Pierce Fire and Rescue facilities include a total of nine stations: six staffed and two volunteer, with a facility on Lake Tapps for marine rescue. The department employs approximately 146 personnel, of which 141 are uniformed personnel and 5 are volunteers. East Pierce Fire and Rescue has an Emergency Management Division that works closely with other agencies (e.g., local law enforcement, schools) on emergency response to larger-scale emergency alerts, such as earthquakes or floods. South Sound 911 provides dispatch services.

Located in the City of Milton, East Pierce Fire and Rescue volunteer-staffed Station 124 is within the study area of the SF Enchanted Parkway, SF I-5, and Porter Way Design Option alternatives (City of Milton 2019). South King Fire Station 61, although outside the study area, is less than a mile east of I-5, making it less than 1 mile from the SF Enchanted Way Parkway and SF I-5 alternatives, and about 1.5 miles to the SF 99-East and SF 99-West alternatives.

South King Fire owns and operates a station fleet and facilities maintenance facility at 1351 S 351st Street and a logistics building at 35100 Pacific Highway S. Both facilities are within the study area for all South Federal Way Segment alternatives. Future facilities expansion includes the construction of a response station at the same location of the logistics building (South King Fire 2022).

Fife and Tacoma Segments

The Fife and Tacoma segments are both served by East Pierce Fire and Rescue, which is described above. There are no East Pierce Fire and Rescue stations within the study area, but volunteer-staffed Station 124 is just outside the study area in the City of Milton (City of Milton 2019). South Sound 911 provides dispatch services. East Pierce Fire and Rescue has an Emergency Management Division that works closely with other agencies (e.g., local law enforcement, schools) on emergency response to larger-scale emergency alerts, such as earthquakes or floods.

The Tacoma Fire Department provides emergency response services within the City of Tacoma and contracts with the cities of Fife and Fircrest, as well as Pierce County Fire District No. 10, covering approximately 72.1 square miles and including 17 stations. The department employs 489 personnel, of which 392 are uniformed personnel. A minimum of 83 firefighters and EMTs are on duty daily, 24 hours a day, 7 days a week.

Tacoma Fire Department Station 12 is in the study area of the Fife Segment, approximately 0.4 mile south of the project footprint. The Tacoma Fire Department's Hazardous Materials Team, a special operations unit, reports from this station. No fire stations are within the study area of the Tacoma Segment. Tacoma Fire Communications Center provides dispatch services.

The Tacoma Fire Department also operates an Emergency Management Division that works closely with other agencies (e.g., local law enforcement, schools) for emergency response to larger-scale emergency alerts, such as earthquakes or floods. Emergency management for the City of Fife and unincorporated areas is contracted with Pierce County Department of Emergency Management.

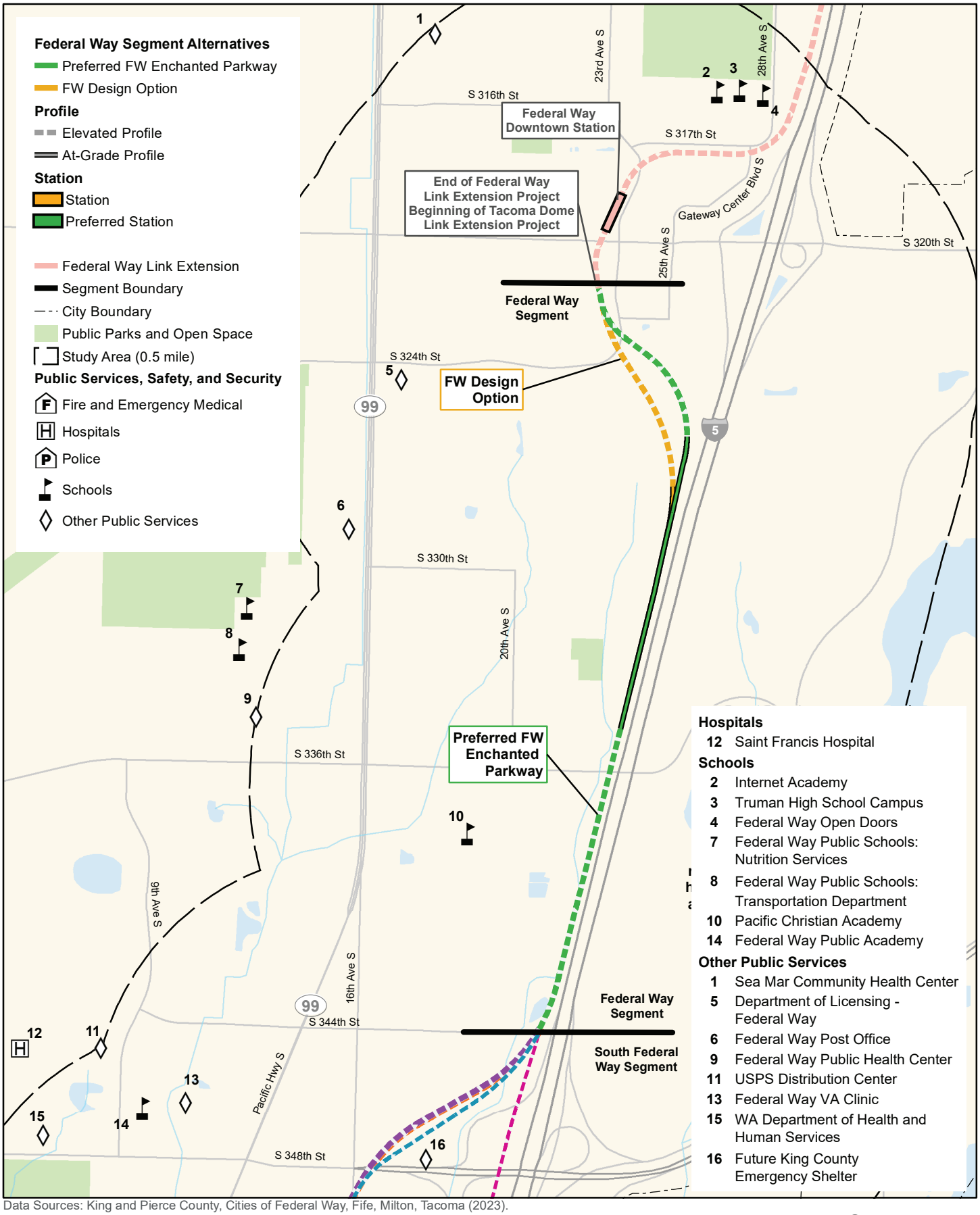

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.14-1
Public Services, Safety, and Security within ½ Mile of Project Alternatives
Federal Way Segment

Tacoma Dome Link Extension

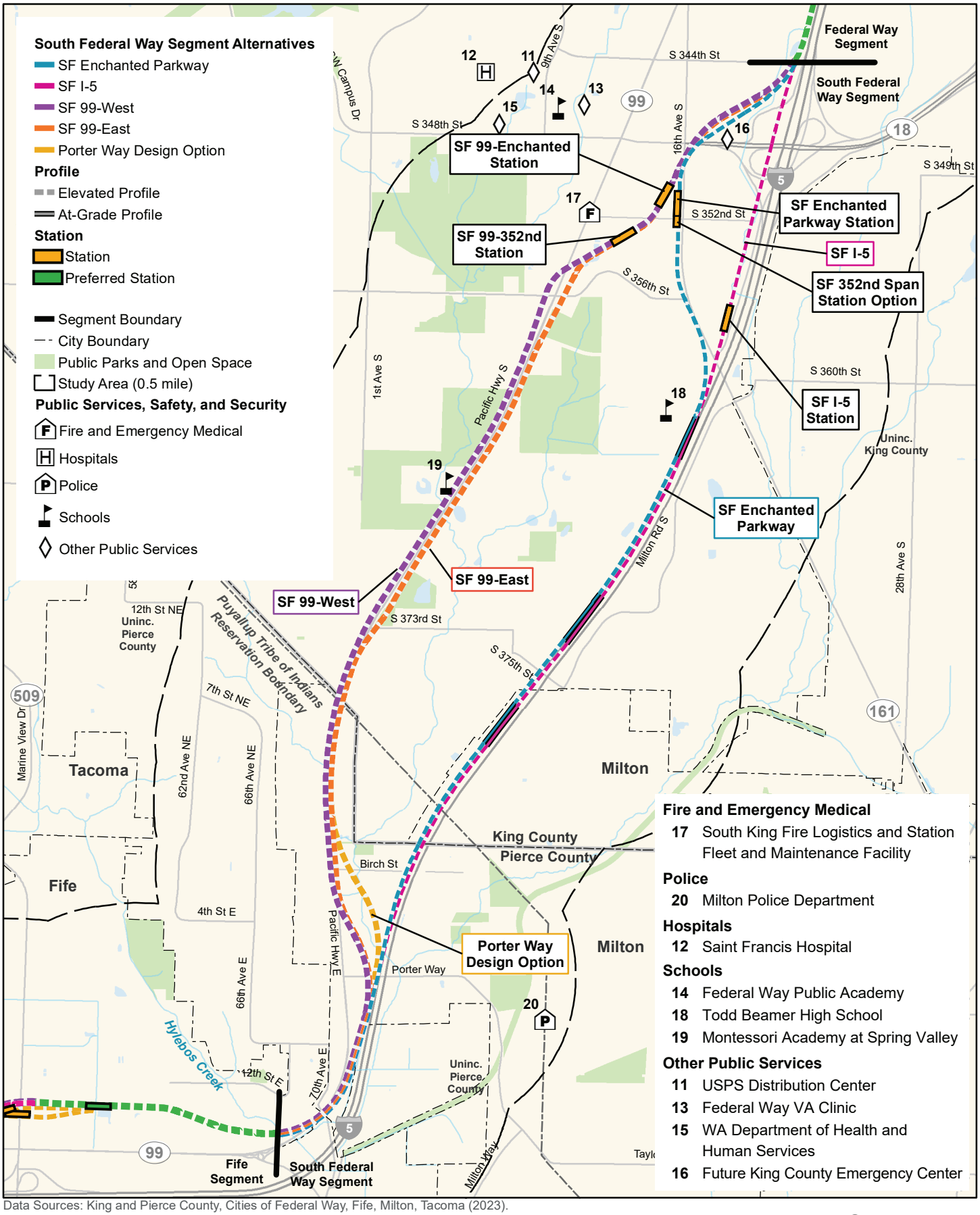

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.14-2
Public Services, Safety, and Security within ½ Mile of Project Alternatives South Federal Way Segment

Tacoma Dome Link Extension

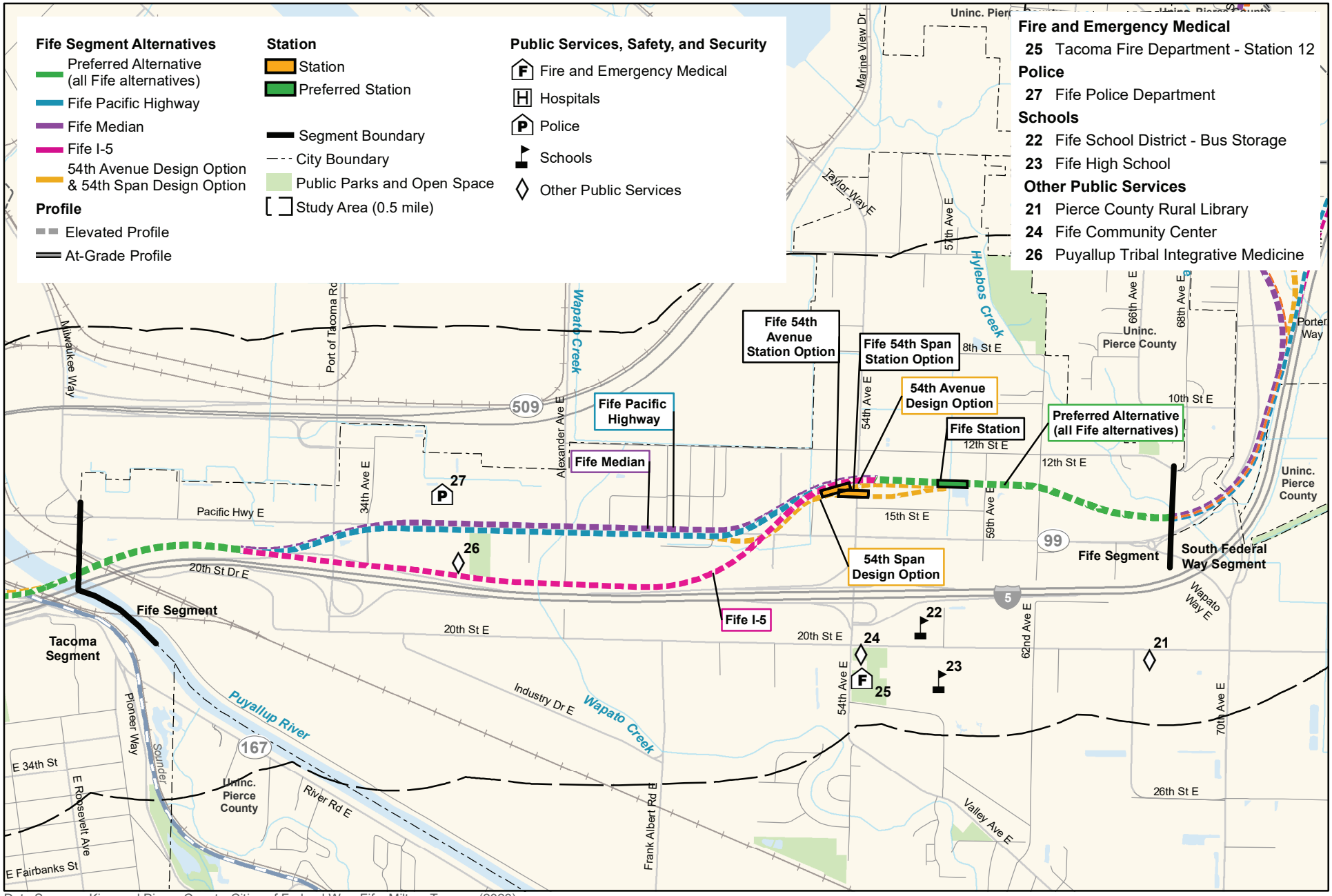

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.14-3
Public Services, Safety, and Security within ½ Mile of Project Alternatives
Fife Segment

Tacoma Dome Link Extension

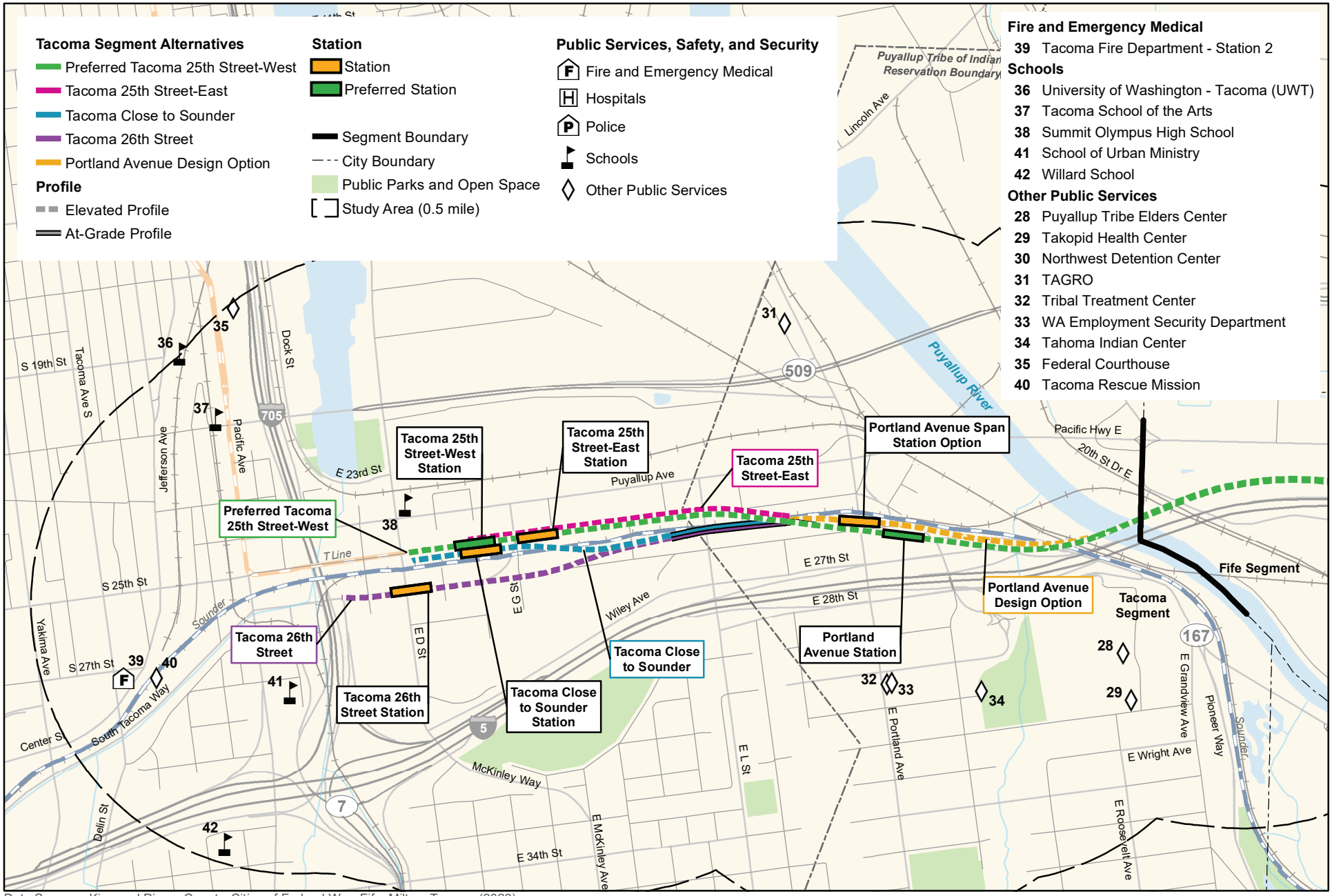

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.14-4
Public Services, Safety, and Security within ½ Mile of Project Alternatives Tacoma Segment

Tacoma Dome Link Extension

4.14.2.2 Hospitals

Federal Way Segment

Saint Francis Hospital is west of SR 99 (Pacific Highway) with access via S 348th Street or 9th Avenue S, just outside the study area. Saint Francis Hospital is a full-service hospital that provides diagnostic imaging and radiology; emergency services; a full range of women's health services, including a birth center; and radiation oncology. Although it is outside the study area, it is included in this assessment because emergency vehicles regularly travel to and from the facility.

South Federal Way Segment

See discussion for Federal Way Segment.

Fife Segment

No hospitals are within the study area in the Fife Segment.

Tacoma Segment

No hospitals are within the study area in the Tacoma Segment.

4.14.2.3 Police

Sound Transit compared crime data for the cities of Federal Way, Milton, Fife, and Tacoma with crime data for all of Washington state to show the relative crime rates at local and statewide levels. The crime reporting program provides statistics for violent crimes (e.g., murder, sexual assault, robbery, and aggravated assaults) and property crimes (e.g., burglary, theft, and arson). Table 4.14-1 lists the numbers of offenses and crime rates by jurisdiction in 2020, based on available data obtained from the United States Federal Bureau of Investigation (FBI 2020). Compared to data generated for all of Washington State, which includes rural areas, the local jurisdictions that would be served by TDLE have higher crime rates.

Table 4.14-1 Violent and Property Crime Rates by Jurisdiction in 2020

Jurisdiction	Violent and Property Crimes[1]	Violent Crime Rate (per 1,000 population)[1,2]	Property Crime Rate (per 1,000 population)[1,2]
City of Federal Way	2,921	3.4	25.5
City of Milton	276	2.6	29.1
City of Fife	1,067	13.2	83.8
City of Tacoma	14,522	8.7	57.5
Washington State	239,394	2.9	28.1

Sources:
(1) Federal Bureau of Investigation (FBI) 2020.
(2) United States Census Bureau 2020.

Several King County Metro, Pierce Transit, and Sound Transit facilities were assessed for criminal activity near the proposed TDLE stations. Table 4.14-2 shows the number of violent and property crimes reported within 0.5 mile of these facilities between June 1 and December 31, 2022; most criminal activity is related to property crime.

The City of Federal Way is served by the Washington State Patrol Field Operations Bureau District 2, which comprises all of King County. The cities of Milton, Fife, and Tacoma are served by Washington State Patrol Field Operations Bureau District 1, which comprises all of Pierce County. Both districts patrol interstate and state highways within the county, including I-5 and SR 99. The Field Operations Bureau is responsible for traffic law enforcement, collision investigation, criminal interdiction, terrorism prevention, and motorist assistance (Washington State Patrol 2022).

Table 4.14-2 Crime near Transit Facilities between June and December 2022

Segment/Transit Agency	Transit Facility Locations	Number of Violent Crimes[3]	Number of Property Crimes[4]
Federal Way/Sound Transit[1]	Federal Way Transit Center with park-and-ride – 23rd Avenue S	29	342
South Federal Way/Sound Transit[1]	Federal Way park-and-ride – 320th Street	19	238
Fife/Pierce Transit[1]	Bus stop at 6006 Pacific Highway E within walkshed of proposed transit station	23	155
Tacoma/Sound Transit[2]	Tacoma Dome Station – E 25th Street	21	125

Sources and Notes:

(1) LexisNexis Risk Solutions Inc. 2023.

(2) City of Tacoma 2023.

(3) Violent crime includes homicide, sexual assault, robbery, aggravated assault. Data for City of Tacoma do not contain sexual-related offenses.

(4) Property crime includes burglary (residential, commercial), theft (does not include shoplifting, includes motor vehicle theft), and arson.

The following sections describe the local jurisdictions' law enforcement by TDLE project segment. The cities of Milton and Fife and the Puyallup Tribe of Indians are the only jurisdictions with police stations in the study area.

Federal Way Segment

The Federal Way Police Department provides law enforcement within the city limits of Federal Way. The department has 136 uniformed officers and 32 civilian staff (Washington Association of Sheriffs & Police Chiefs 2022). In Federal Way, the closest police station to the proposed alternatives is at 33325 8th Avenue S, about a mile west of the study area.

South Federal Way Segment

Federal Way

The Federal Way Police Department provides law enforcement within the city limits of Federal Way as described for the Federal Way Segment.

Milton

The Milton Police Department provides law enforcement within the city limits of Milton. The department has 13 uniformed officers and one civilian employee (Washington Association of Sheriffs & Police Chiefs 2022). The City of Milton police station located at 1000 Laurel Street is within the study area of the Enchanted Parkway, I-5, and Porter Way Design Option alternatives (City of Milton 2019).

Fife Segment

The Fife Police Department provides law enforcement within the city limits of Fife. The department has 29 uniformed officers and 8 civilian staff (Washington Association of Sheriffs & Police Chiefs 2022). The Fife Police Station is within the study area at 3737 Pacific Highway E, just north of the highway. A Local Law Enforcement Mutual Aid Agreement is established between the Puyallup Tribal Police Department and the City of Fife to have the authority to maintain law and order within the Puyallup Tribal Police Department's jurisdiction (Sound Transit 2019).

The Fife Municipal Court is also in the same building as the Fife Police Station and hears criminal and gross misdemeanors, infractions, and parking and photo infraction violations that occur within the jurisdictional boundaries of Fife.

Tacoma Segment

The Tacoma Police Department and the Puyallup Tribal Police both provide law enforcement within the Tacoma Segment of the study area.

Tacoma

The Tacoma Police Department provides law enforcement within the city limits of Tacoma. The department has 324 uniformed officers and 39 civilian staff (Washington Association of Sheriffs & Police Chiefs 2022). There are no Tacoma Police Department stations within the study area of any of the alternatives in the Tacoma Segment.

Puyallup Tribe of Indians

In partnership with the cities of Tacoma, Fife, and Milton and Pierce County, the Puyallup Tribal Police Department provides law enforcement within the jurisdictional boundaries of the Puyallup Tribe of Indians, which encompasses both the Fife and Tacoma segments of TDLE. If a police incident occurs on Tribal trust property, the Puyallup Tribal Police would be the primary responding agency, followed by the Federal Bureau of Investigation. If the incident on Tribal trust property is a life safety issue, other agencies may respond to assist and contain the incident, with Puyallup Tribal Police acting as lead. The department has 18 uniformed officers and 20 civilian staff (Washington Association of Sheriffs & Police Chiefs 2022). The Puyallup Tribal Police Department is at 1640 E 30th Street, approximately 0.25 mile south of I-5 and the alternatives in the Tacoma Segment.

4.14.2.4 Solid Waste and Recycling

Federal Way Segment

Garbage collection within the Federal Way Segment study area is largely provided by a city-contracted hauler, Waste Management. All nonhazardous solid waste collected in the Federal Way Segment study area is taken directly to King County's Cedar Hills Landfill in Maple Valley or a nearby solid waste transfer station (the nearest transfer station is the Algona Transfer Station in Algona, Washington). No solid waste management facilities are in the Federal Way Segment study area.

South Federal Way Segment

Garbage collection within the City of Federal Way is the same as described for the Federal Way Segment.

Garbage collection for the southern portion of the study area in Pierce County is provided by Murrey's Disposal Company. All nonhazardous solid waste collected in the study area by Murrey's Disposal Company is taken directly to Pierce County's Landfill in Graham, Washington, or a nearby solid waste transfer station, Prairie Ridge Transfer Station, in unincorporated Prairie Ridge, Washington (both operated by Land Recovery, Inc.). No solid waste management facilities are within the South Federal Way Segment study area.

Fife Segment

Garbage collection within the Fife Segment study area is largely collected by a city contracted hauler, Murrey's Disposal Company. All nonhazardous solid waste collected in the Fife Segment study area is taken directly to Pierce County's Landfill in Graham, Washington, or a nearby solid waste transfer station, Prairie Ridge Transfer Station, in unincorporated Prairie Ridge, Washington (both operated by Land Recovery, Inc.). No solid waste management facilities are within the Fife Segment study area.

Tacoma Segment

Garbage collection within the Tacoma Segment study area is largely collected by the City of Tacoma for occupied commercial and residential properties. All nonhazardous solid waste collected in the Tacoma Segment study area is taken directly to Pierce County's LRI Landfill in Graham, Washington, or to the nearby Tacoma Recovery and Transfer Center.

TAGRO, short for "Tacoma Grow," is north of the project alternatives at 2101 Cleveland Way. This facility processes and distributes biosolids to both residential and commercial customers.

4.14.2.5 Schools and School Districts

Table 4.14-3 lists the schools and school administrative buildings in the study area.

Table 4.14-3 Schools and Administrative Buildings in the TDLE Study Area

Facility Name (Address)	Enrollment[1]
Federal Way Segment	
Federal Way Open Doors (31455 28th Avenue S, Federal Way)	171 students in 2023-2024
Internet Academy (31455 28th Avenue S, Federal Way)	393 students in 2023-2024
Career Academy at Truman High School (31455 28th Avenue S, Federal Way)	72 students in 2023-2024
Federal Way Public Schools: Nutrition Services (1214 S 332nd Street, Federal Way)	Not applicable
Federal Way Public Schools: Transportation Department (1211 S 332nd Street, Federal Way)	Not applicable
Pacific Christian Academy[2] (33645 20th Avenue S, Federal Way)	279 students in 2023-2024
South Federal Way Segment	
Federal Way Public Academy (34620 9th Avenue S, Federal Way)	303 students in 2023-2024
Montessori Academy at Spring Valley[2] (36605 Pacific Highway S, Federal Way)	63 students in 2023-2024
Todd Beamer High School (Federal Way School District) (35999 16th Avenue S, Federal Way)	1,421 students in 2023-2024
Illahee Middle School (Federal Way School District) (36001 1st Avenue S, Federal Way)	622 students in 2023-2024
Fife Segment	
Fife High School (5616 20th Street E, Fife)	874 students in 2023-2024
School facility for bus storage (5601 20th Street E, Fife)	Not applicable
Tacoma Segment	
School of Urban Ministry (college) (106 S 28th Street, Tacoma)	No enrollment data
Willard Learning Center (Tacoma School District No. 10) (328 S Wright Street, Tacoma)	30 students in 2023-2024
Tacoma School of the Arts office space (School District No. 10) (1950 Pacific Avenue, Tacoma)	Not applicable
Summit Olympus High School (Summit Public Schools) (409 Puyallup Avenue, Tacoma)	149 students in 2023-2024
University of Washington, Tacoma[3] (1900 Commerce Street, Tacoma)	4,790 students in fall quarter 2023

Sources:
(1) Available public school enrollment provided by Washington Office of Superintendent of Public Instruction (OSPI 2023).
(2) Public School Review 2023.
(3) University of Washington Tacoma 2023.

4.14.2.6 Other Public Services

Other public service providers within the study area are included in Table 4.14-4.

Table 4.14-4 Other Public Service Providers in the TDLE Study Area

Provider or Service Name (Address)	Type
Federal Way Segment	
Federal Way Department of Licensing (1617 S 324th Street, Federal Way)	State vehicle and vessel licensing office
Federal Way Public Health Center (33431 13th Place S, Federal Way)	Health Care Services: Provides care for children with special needs, family planning, health insurance enrollment, HIV screening, pregnancy testing, teen services, and Women, Infants, and Children services
Sea Mar Community Health Center (31405 18th Avenue S, Federal Way)	Health Care Services: Provides family medicine and dentistry, behavioral health, maternity support, and a pharmacy. It is a community-based organization focused on health and social services to underserved communities
United States Postal Service (32829 Pacific Highway S, Federal Way)	Government Facility
South Federal Way Segment	
Federal Way Veterans Affairs Clinic (Valor Healthcare) (4617 11th Avenue S, Federal Way)	Health Care Services: Provides primary care, mental health services, nursing, and social work to veterans of the armed services
Washington Department of Health and Human Services (616 S 348th Street, Federal Way)	Health Care Services: Provides public social and health services to those in need, including but not limited to the provision of food, financial assistance, medical, housing, and child-care assistance
United States Postal Service distribution center (34301 9th Avenue S, Federal Way)	Government Facility
Future King County Emergency Shelter (1688 S 348th Street, Federal Way)	King County Housing Authority
Fife Segment	
Fife Community Center/Fife Senior Citizen Activity Center (2111 54th Avenue E, Fife)	Community Center: A public event space that provides senior programming, including swimming, tai chi, lunches several days a week, painting, and bridge/pinochle
Fife Library (6622 20th Street E, Fife)	Pierce County Library System
Puyallup Tribal Integrative Medicine (3700 Pacific Highway E, Fife)	Health Care Services: Includes the Salish Cancer Center, which provides treatment to both Tribal and non-Tribal patients
United States Post Office Warehouse – Fife Carrier Annex (1421 52nd Avenue E, Fife)	Government Facility
Fife Department of Licensing (4905 Pacific Highway E Suite 2A, Fife)	State vehicle and vessel licensing office

Table 4.14-4 Other Public Service Providers in the TDLE Study Area (continued)

Provider or Service Name (Address)	Type
Tacoma Segment	
Takopid Health Center (2209 E 32nd Street, Tacoma)	Health Care Services: Puyallup Tribal Health Authority-operated health center provides primary care, lab work, dental care, health services, physical therapy, podiatry, and radiology to eligible American Indians and Alaska Native individuals
Puyallup Tribe Elders Center (3010 Duct Cho Road, Tacoma)	Tribal Services: Provides support services to Puyallup Tribe Elders, including assisted living, caregiver programs, home-delivered meals, transportation, and other services
Tribal Treatment Center (3009 E Portland Avenue, Tacoma)	Tribal Services: The center provides drug and adult treatment services for drug, alcohol, mental health, and problem gambling for eligible American Indians/Alaska Native individuals
Tahoma Indian Center (1809 E 31st Street, Tacoma)	Tribal Services: This organization provides basic needs of low-income and homeless urban native individuals, including meals, resources such as laundry and computer access, and social and cultural referrals, and serves as a gathering space for native cultural and spiritual ceremonies and activities
Federal Courthouse (1717 Pacific Avenue, Tacoma)	Government Facility
Washington Employment Security Department (3017 E Portland Avenue, Tacoma)	Government Facility: The department provides unemployment services to Washington residents
Northwest Detention Center (1656 East J Street, Tacoma)	Government Facility: It functions as an immigration detention center, with a capacity of 1,575 detainees
Tacoma Rescue Mission (425 S Tacoma Way, Tacoma)	Social Services: Provides emergency services, including shelter and food, and other programs and resources to help those in need

4.14.3 Environmental Impacts

Factors evaluated for public services, safety, and security include the following:

- Medical, police, and fire protection access and emergency response times.
- Solid waste pickup and disposal (e.g., substantially delaying or altering pickup or routes), especially during construction.
- School bus and walk/bike routes.
- Displacement of, or change in access to, other government facilities, such as post offices and detention centers.
- Demand for public services.

This section also provides a qualitative assessment of safety and security trends and other measures that would minimize the impacts on public services, safety, and security.

Other environmental conditions identified through parallel technical analyses and reports for TDLE (e.g., utilities; transportation; energy; and acquisitions, displacements, and relocations) were also used to analyze potential impacts on public services.

4.14.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). Under the No-Build Alternative, the proposed project would not be constructed and public services in the study area would presumably continue to operate as they do currently, but with increased traffic congestion that would likely affect emergency service response times. Schools, medical facilities, and other public facilities within the alternative study areas would not benefit from improved transit operations.

It is possible that response time for emergency services in Federal Way may increase under the No-Build Alternative if the 344th Street site for OMF South is selected to be built, which would require the closure of 20th Avenue S starting 300 feet south of S 336th Street. At a maximum, the change in response times is expected to result in a 36 second increase for South King Fire and Rescue Station 61 during peak hour traffic (FTA and Sound Transit 2024).

4.14.3.2 Long-Term Impacts for the Build Alternatives

Impacts Common to All Alternatives

All the build alternatives would have similar impacts on public services, safety, and security. Increased demand for police services is not anticipated because security measures for all the stations would be similar to other Sound Transit stations in the region, which include on-site security personnel that reduce demands on local law enforcement. The Fire/Life Safety Committee and other Sound Transit safety and security specialists would address public service issues throughout design, construction, and operation.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of impacts to public services, just in a smaller geographic area until the remaining phases were completed.

Fire and Emergency Medical Services

Sound Transit design criteria seek to avoid conflicts with vehicular, bicycle, and pedestrian traffic for several reasons, including public safety. Sound Transit would prepare a TDLE-specific safety and security management plan. The plan would address integration of safety and security during all stages of the project: design, construction, and operation.

TDLE would operate in its own (exclusive) right-of-way and would not conflict with vehicular traffic, bicycles, and pedestrians. Because light rail train operations would not cross surface streets at grade, light rail operations would not directly affect emergency and incident response routes or times.

The increase in traffic volumes, transit movements, pedestrians, and bicyclists near each of the stations could increase the risk of traffic conflicts and conflicts among travel modes necessitating involvement from emergency and incident response. Chapter 3, Transportation Environment and Consequences, identifies locations where traffic congestion and delays and conflicts among travel modes could occur and identifies potential traffic mitigation measures.

All jurisdictions along the project corridor currently operate emergency vehicle preemption programs that give emergency vehicles priority through signalized intersections. Sound Transit would work with the jurisdictions to identify emergency vehicle preemption needs around stations.

Sound Transit would maintain access to fire hydrants, fire lanes, and fire response access points in or adjacent to the TDLE facilities, where possible. Where it is not possible, Sound Transit would coordinate with the appropriate agencies and jurisdictions to redesign access. Sound Transit would also provide a fire command center and emergency responder equipment room at each station. Fire department regulations and procedures prohibit placing fire hoses over active railroad tracks, so light rail operations could be temporarily shut down during fire emergencies.

Fires associated with the TDLE operation of rail and equipment would be unlikely because the guideway and stations would be made primarily of concrete and steel. The vehicles are electrically powered and do not use combustible fuels. First responders and fire and emergency service vehicles would use different methods, and in some cases equipment, for incidents occurring on different profile types. Emergency service providers and Sound Transit personnel would be trained to respond to emergencies on elevated guideways or in trenches and restricted areas in WSDOT right-of-way.

Design for guideway emergency access and evacuation would conform with state and local codes and with National Fire Protection Association (NFPA) 130: Standard for Fixed Guideway Transit Systems, with emergency vehicle access about every 0.5 mile (2,500 feet). Where necessary, Sound Transit would extend existing cul-de-sacs or dead ends of streets to the guideway for emergency access. However, these streets would not be open to general-purpose traffic. Trains on the adjacent track could provide access to trains on elevated and trenched guideways. When a second train is not practical, Sound Transit would follow state and local fire codes and NFPA 130. Local fire departments in the study area would respond to incidents on elevated structures using ladder trucks. Sound Transit would form a Fire/Life Safety Committee to review safety requirements and develop solutions regarding access to the light rail system, emergency routes, water and fire hydrant needs, training, costs, and other design features. Sound Transit would obtain concurrence from local authorities that have jurisdiction and would continue to consult with local jurisdictions throughout TDLE design to minimize impacts on emergency response times. Implementing the project-specific safety and security management plan would minimize impacts on fire and emergency medical services during TDLE operation. Sound Transit regularly conducts all-hazard emergency drills and exercises in coordination with local emergency response agencies to ensure timely and effective responses to light rail-related incidents.

Police

Increases in traffic volumes, transit movements, pedestrians, and bicyclists near each of the stations could increase the risk of traffic conflicts and conflicts among travel modes that necessitate police involvement. Chapter 3, Transportation Environment and Consequences, identifies locations where traffic congestion and delays and conflicts among travel modes could occur and identifies potential traffic mitigation measures. Like fire and emergency medical response, light rail operations would not directly affect emergency and incident response routes or times because light rail train operations would not cross surface streets at grade. Police emergencies on the trains are handled by the train operator by traveling to the nearest station to meet the police. Emergency access to the elevated guideway would be provided consistent with applicable safety requirements. At-grade guideways are fenced off for safety.

All build alternatives include facilities where police and security staff would be needed to monitor stations, parking facilities, and other areas to protect people and property. Sound Transit operates its own security force at its facilities. This includes Sound Transit-contracted security personnel and/or contracted law enforcement officers who function as transit police and monitor all stations. Security personnel are stationed at some facilities throughout the day, and some roam and patrol transit facilities and respond to incidents in coordination with local law enforcement. Although an

increase in crime at transit facilities is not anticipated, research from other transit systems shows that some petty crimes could occur at transit stations or park-and-ride lots. Studies have consistently found that crime at transit facilities, such as stations, generally reflects crime rates in the surrounding neighborhoods (Billings et al. 2011; City of Seattle 1999; Loukaitou-Sideris et al. 2002). Quality-of-life crimes (for example, vandalism, drunkenness, and panhandling) and property crimes account for more than 90 percent of crimes at transit facilities. Crimes are more likely to occur at a station than on a light rail vehicle, and at stations with park-and-ride lots rather than at stations without parking. Station access (stairs, escalators, or elevators) does not appear to influence criminal activity, but access design and location can be a factor if facilities provide places where criminals can act without being observed by others.

During the preliminary design phase, Sound Transit's Agency Safety and Security Management Plan calls for conducting a Threat and Vulnerability Assessment for all new transit facilities. This work includes reviewing existing crime data in proposed station locations and interviewing local law enforcement to help identify potential security threats and risks. Measures are identified and incorporated to address such risks, using "crime prevention through environmental design" principles. For example, to deter criminal activity and generally make light rail stations and parking facilities more secure, stations would be spacious, well lit, and uncluttered, and would provide open access. The design would consider lines of sight and visibility, and eliminate or minimize corners, dark or hidden areas, and opaque shelter screens. Patrons, police, and Sound Transit security personnel would easily be able to see public waiting areas, including station platforms. Sound Transit would also implement security features, such as video surveillance systems on Sound Transit vehicles and within Sound Transit stations that are connected to the Link Control Center and the 24/7 Sound Transit Security Operations Center, passenger emergency telephones, sealed ticket vending machines, controlled exits, and security personnel.

Sound Transit would work with local law-enforcement agencies and emergency service providers to further develop strategies to prevent and respond to potential threats to public safety throughout design, construction, and operation.

Solid Waste

Operating TDLE would not adversely impact solid waste collection and disposal. It would not acquire any property currently used by recycling, composting, and solid waste facilities or operating bases. The project would not affect collection routes, and minor changes in the existing roadways would not cause delays. TDLE would not cause a noticeable increase in demand for solid waste services.

Schools

The build alternatives do not intersect with any at-grade crossings on roadways that have signed grade-school crossing zones. No adverse impacts related to school transportation are anticipated. Chapter 3 explains that overall transit travel times would improve, which would improve the commute times for students and school staff commuting by transit.

Other Government Facilities

Chapter 3 explains that overall transit travel times would improve, which would improve the commute times for patrons and staff commuting by transit.

Potential Benefits

TDLE would provide benefits to public services by:

- Reducing traffic congestion, which could improve response times for emergency services and provide greater efficiencies for other public services, including postal delivery and solid waste collection.
- Providing an alternative transportation mode for commutes to schools, community centers, and public health centers.

Federal Way Segment

The Preferred FW Enchanted Parkway would require partial acquisition of a soccer field on Christian Faith Center-owned property (Parcel No. 2121049003). Also, the presence of an above-grade rail would be visible from portions of the property where a private school operates. However, it would be about 1,000 feet from the school building and would not affect school uses or school operations.

South Federal Way Segment

The SF Enchanted Parkway Alternative would have the most impacts to public services compared to the other alternatives. The following narrative discusses all long-term effects, including those related to the future King County emergency shelter, Todd Beamer High School, and the Montessori Academy; and improved walkability and commuter opportunities.

The SF Enchanted Parkway alternative would require full acquisition of the 3-acre King County-owned property (former hotel) that is currently being adapted for use as an emergency shelter. Consequently, under this alternative, the site would not be operational as an emergency shelter under future conditions. The SF 99-West and SF 99-East alternatives would impact the west side of the property for the guideway and the east side of the property for a stormwater pond. The future shelter would still be operational under the SF 99-West and SF 99-East alternatives, but project elements would be visible from the facility and future residents. Transit-generated noise impacts are projected in this location and mitigation would occur as shown in Section 4.7, Noise and Vibration, and Appendix J2, Noise and Vibration Technical Report.

Todd Beamer High School is within 500 feet of both the SF Enchanted Parkway Alternative and the SF I-5 Alternative. Although no direct impacts would be experienced, the presence of an at-grade and above-grade rail portions of these alternatives would be visible from portions of the school property, but at about 500 feet from school buildings, this would not affect school uses or school operations. The SF 99-West or the SF 99-East alternatives would not be visible from the high school.

The Montessori Academy at Spring Valley is west of SR 99, with the closest building about 125 feet from the roadway and the schoolyard less than 40 feet from the roadway. The SF 99-West Alternative would partially acquire the eastern portion of the project, which would impact the schoolyard, point of ingress and egress, and vegetation along the western perimeter of the property. For both the SF 99-West and SF 99-East alternatives, the presence of the above-grade rail would be visible from portions of the school property, with the SF 99-East Alternative having less of an impact since it would be to the east of SR 99. The SF Enchanted Parkway or the SF I-5 alternatives would not be visible from the Montessori Academy.

Potential Benefits

Walkability (within 0.5-mile walkshed) to the proposed light rail station for the SF Enchanted Parkway, SF 99-East, and SF 99-West alternatives would improve commuter transit opportunities for patrons and employees of the following:

- Federal Way VA Clinic.
- Federal Way Public Academy.
- Todd Beamer High School.

The 0.5-mile walkshed for public facilities under the SF I-5 Alternative is limited to Todd Beamer High School.

Fife Segment

Of the three alternatives, the Fife Pacific Highway and Fife Pacific Highway Median (Fife Median) alternatives would have slightly more impacts due to the size of the permanent easement on a portion of the Puyallup Tribal Integrative Medicine.

The Fife Pacific Highway and Fife Median alternatives would require approximately 0.2 acres along Pacific Highway E on the Puyallup Tribal Integrative Medicine property, which is owned by the Puyallup Tribe of Indians. It would impact a 20-foot-wide strip of landscaping, parking, and ingress and egress. The Fife I-5 Alternative would require about 0.35 acre directly adjacent to I-5. In addition, the Puyallup Tribal Integrative Medical building is identified as a location where vibration mitigation measures are proposed for all alternatives.

Walkability (within 0.5-mile walkshed) to the proposed light rail station would improve commuter transit opportunities; however, there are no public facilities currently identified within 0.5 mile that are walkable. In Fife, facilities that include public services south of I-5 are just over 0.5 mile from the station, and the Puyallup Tribal Integrative Medicine is over 1 mile west of the station.

Tacoma Segment

Of the four alternatives, there is no discernable difference in effects on public services and facilities.

Walkability (within 0.5-mile walkshed) to the proposed light rail stations for this segment would improve commuter transit opportunities for patrons and employees of the following:

- Tribal Treatment Center.
- Washington Employment Security Department.
- TAGRO.
- School of Urban Ministry.
- Summit Olympus High School.
- Tacoma Rescue Mission (Tacoma 26th Street Station only).

4.14.3.3 Construction Impacts for the Build Alternatives

Impacts Common to All Alternatives

Implementation of any of the build alternatives would temporarily affect the roadways in the study area and vicinity, resulting in short-term impacts on all public services. Construction

activities would result in short-term increased traffic congestion due to added construction vehicles. Lane or road closures and detours would be needed for activities such as utility relocations and guideway placement. These would require traffic control plans and approval by the local jurisdiction and/or WSDOT. If TDLE parking facilities at stations in both South Federal Way and Fife are constructed 3 years after initial service opens, the same short-term construction-related effects on adjacent roadways would apply at these station locations at the time the parking facilities are constructed.

More detailed information on road closures, lane closures, and detours is provided in Chapter 3, Transportation Environment and Consequences.

Federal Way Segment

Construction impacts would be the same for the alternative and design option in the Federal Way Segment.

A temporary construction easement of approximately 6 acres would be required from the Christian Faith Center-owned property. This parcel, east of the center, functions as additional parking for the school and provides for recreational uses (soccer field). The use of the site is temporary and would not impede most functions of school operations. Depending on the OMF South site selected, this property may be acquired for the OMF South project.

South Federal Way Segment

The SF 99-West, SF 99-East, and SF I-5 alternatives would temporarily impact the future site of the emergency shelter owned by King County (former hotel). Under the SF 99-West and SF 99-East alternatives, the project would temporarily impact east side of the property for construction staging. The SF I-5 alternative would temporarily impact a slightly larger portion of the east side of the property for staging and the construction of an underground stormwater vault. The future shelter will still be operational under all three alternatives, but these activities would be visible from the shelter and future residents would experience construction-related noise.

The SF 99-West Alternative would involve approximately 1 acre of temporary construction easement and the SF 99-East Alternative would involve approximately 300 square feet of temporary construction easement on the Montessori Academy at Spring Valley property. Property access and parking would be maintained, and the facility could remain operational for either alternative.

Fife Segment

Of the alternatives, the Fife I-5 Alternative would have slightly more impacts to public services due to the greater area needed on the Puyallup Tribal Integrative Medicine property for construction.

The Fife Pacific Highway and Fife Median alternatives would involve approximately 0.75 acres of temporary construction easement along Pacific Highway E on the north end of Puyallup Tribal Integrative Medicine property. There would be some temporary parking loss during construction. The Fife I-5 Alternative would have a temporary construction easement of approximately 1.2 acres along the south end of the Puyallup Tribal Integrative Medicine property. All alternatives would maintain property access and parking.

Construction of a station over 54th Avenue E with the Fife 54th Span Design Option would cause traffic restriction on 54th Avenue E to be in place for a longer period of time and

additional temporary closures compared to the other station locations, which has the potential to have greater impacts to emergency services response times under this option.

Tacoma Segment

Sound Transit does not anticipate any construction impacts related to public services that are unique to the Tacoma Segment. Impacts on the Tacoma Segment would be the same as impacts common to all alternatives.

Avoidance and Minimization of Impacts

To avoid or minimize potential impacts on public services during construction, Sound Transit would incorporate the following BMPs into construction plans and specifications:

- Provide regular updates to schools, emergency service providers, local agencies, solid waste utilities, and postal services during construction activity.
- Coordinate with public service providers before and during construction to maintain reliable emergency access and alternative plans or routes to minimize delays in response times.
- Coordinate with solid waste and recycling companies and schools should any rerouting of collection or school bus routes need to occur.
- Maintain postal collection and delivery and solid waste and recycling collection at all addresses.
- Work with local law-enforcement agencies and emergency service providers to further develop strategies to prevent and respond to potential threats to public safety during final design.
- Prepare a TDLE-specific safety and security management plan.
- Use Sound Transit security personnel and law enforcement to reduce demands on local law enforcement.
- Maintain access to fire hydrants, fire lanes, and fire response access.
- Provide for emergency access and evacuation for the guideway and stations.
- Conduct all-hazard emergency drills and exercises.

4.14.3.4 Indirect Impacts

TDLE would not lead to unplanned or induced population growth in south King County and north Pierce County, so it would not require additional public services beyond those already planned, consistent with local and regional comprehensive plans as discussed in Section 4.2, Land Use. Some population and employment growth may be redistributed by focusing growth in the station areas, which is consistent with local and regional plans. Service providers in the study area would adapt to such a redistribution.

4.14.4 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above and the mitigation measures described in Chapter 3, Transportation, would be anticipated.

4.15 Utilities

4.15.1 Introduction to Resource and Regulatory Requirements

This section evaluates the potential long-term and construction impacts of TDLE to both public and private utilities that provide electricity, water, wastewater conveyance, stormwater collection, natural gas, fuel oil, and telecommunications services to communities along the project alignment. Additional information is included in Appendix H8, Utilities Background Materials.

State and local regulations and permitting processes regulate the relationship between transportation projects and utilities in the project corridor. The cities of Federal Way, Fife, Milton, and Tacoma, as well as Pierce County, administer local policies and procedures, and WAC 468-34 and WSDOT policies regulate procedures in WSDOT right-of-way. This project also crosses the Puyallup Tribe of Indians Reservation, where the Puyallup Tribe of Indians has jurisdiction and their own code regulating utility work on Tribal lands.

4.15.2 Affected Environment

The study area used to evaluate the utility impacts related to TDLE is within 100 feet of the project construction footprint. Sound Transit identified existing and planned utilities in the study area through database research and analysis, communication with local governing agencies and utility districts, and private franchise utility system maps. These utilities include water, sanitary sewer, storm sewer, electrical power (overhead and underground), natural gas, telephone and communications infrastructure (overhead and underground), and petroleum products pipelines. Table 4.15-1 summarizes the utility providers in each jurisdiction in the study area.

The utility providers identified in Table 4.15-1 anticipate typical maintenance and replacement of their existing systems, but no large-scale expansion projects are currently in the planning process. As this planning work typically does not take place this far in advance of construction, Sound Transit would continue to coordinate with all utility providers in the study area through final design regarding the interaction between TDLE and any potential future projects to minimize effects.

Table 4.15-1 Summary of Existing Utility Providers

Utility	Federal Way	Milton	Unincorporated Pierce County	Fife	Tacoma
Natural Gas	PSE	PSE	PSE	PSE	PSE
Electricity	PSE Bonneville Power Administration	City of Milton Public Works	City of Milton Public Works[1] Tacoma Public Utilities – Power[2]	Tacoma Public Utilities – Power	Tacoma Public Utilities – Power
Water	Lakehaven Water and Sewer District	City of Milton Public Works	City of Milton Public Works	City of Fife Public Works	Tacoma Public Utilities – Water
Sanitary Sewer	Lakehaven Water and Sewer District	Pierce County Public Works	Pierce County Public Works	City of Fife Public Works	City of Tacoma Environmental Services – Sewer Division
Stormwater	WSDOT City of Federal Way Public Works	WSDOT City of Milton Public Works	WSDOT City of Milton Public Works[3] City of Fife Public Works[4]	WSDOT City of Fife Public Works	WSDOT City of Tacoma Public Works

Table 4.15-1 Summary of Existing Utility Providers (continued)

Utility	Federal Way	Milton	Unincorporated Pierce County	Fife	Tacoma
Communications	Lumen, Comcast, Zayo	Lumen, Comcast, Zayo	Lumen, Comcast, Zayo	Lumen, Comcast, Zayo	AT&T, Lumen, Click! Network, Comcast, Lightcurve, Zayo
Petroleum	None	None	None	McChord Pipeline Co.	British Petroleum

Notes:
PSE: Puget Sound Energy.
(1) City of Milton provides power for area east of I-5.
(2) Tacoma Public Utilities – Power provides power for area west of I-5.
(3) City of Milton provides stormwater collection for area east of I-5.
(4) City of Fife provides stormwater collection for area west of I-5.

4.15.3 Environmental Impacts

4.15.3.1 No-Build Alternative

Under the No-Build Alternative, TDLE would not be constructed and would not impact utilities in the study area. The No-Build Alternative also includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2).

If the OMF South Preferred Alternative is constructed as planned, the BPA 500 kV and 230 kV high-voltage transmission lines near The Commons Mall (S 324th Street) would be modified. These modifications would include installation of new towers to shift the location of each line and raise the lines within BPA's existing right-of-way.

4.15.3.2 Long-Term Impacts for the Build Alternatives

Impacts during operation would include the utility demands of operating the light rail system. The primary impacts on utilities would occur during construction, as described in Section 4.15.3.3 and Appendix H8, rather than from operations as described in the sections below.

Impacts Common to All Alternatives

Long-term impacts are similar for all build alternatives. Operating TDLE would increase electricity usage in the study area through:

- Operation of trains with up to four cars using direct-current power taken from 12.5 kV electric distribution facilities, including traction power substations and signal bungalows.
- Increased demand at station locations due to station operational requirements (such as functional circulation, HVAC systems, mechanical piping, intelligent transportation systems, and visual message boards), including supplemental parking features.
- General safety lighting along the alignments, in parking areas (garage or surface), and at stations and other light rail facilities.

PSE and Tacoma Public Utilities-Power (Tacoma Power) would provide the electricity to operate the TDLE light rail vehicles, stations, and other project facilities such as signal bungalows. Traction power substations placed approximately every 2 miles would distribute power to the overhead catenary system. Traction power substations would be powered by 12.5 kilovolt

ampere electric lines connecting to the nearest power pole. In some cases, additional distribution lines may be needed.

The loading demands produced by TDLE are relatively small compared with both overall system power generation and other typical developmental growth needs; however, the service location of the new demands, combined with the routing of the TDLE alignment through less dense urban areas than prior Sound Transit extensions, could create a potential issue for the providers. Since Federal Way, Milton, and Fife are less densely developed, the existing system infrastructure of both PSE and Tacoma Power is less robust through these areas, with fewer circuits available to support the traction power substations. Planning and coordination with providers would resolve potential issues.

TDLE and anticipated growth in the area may result in the need to upgrade both the existing power grids and the substations to provide the required coverage and operational redundancy. For example, a new circuit may be required at the existing substation at E 26th Street and East G Street in Tacoma to meet the energy demands and provide operational redundancy for TDLE. Sound Transit is in ongoing coordination with both PSE and Tacoma Power to perform the analysis on their existing system, determine whether upgrades are required and, if so, where the upgrades are needed. Sound Transit would continue working with PSE and Tacoma Power as the project design develops. Section 4.10, Energy, describes energy consumption rates.

Underground utilities in or adjacent to the project footprint, including communications, gas, sewer, water, storm drainage, and electric lines, could be susceptible to corrosion from stray electrical currents traveling from the traction power substations to overhead catenary system poles. The current TDLE design avoids trenched and retained cut configurations that typically produce the most stray current but impacts to utilities near at-grade guideway sections, overhead catenary wires, and traction power substation supply systems would still be impacted by stray current. Section 4.13, Electromagnetic Fields, provides additional discussion of the effects on utilities of stray currents from light rail vehicles.

Major service disruptions to utility customers during light rail operations are unlikely. All other potential long-term operational impacts on utilities, such as power demand, corrosive generating electromagnetic fields, and changes to accessibility are the same for all build alternatives.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of long-term utility impacts, just in a smaller geographic area, until the remaining phases were completed.

Federal Way Segment

All Federal Way Segment build alternatives would have two additional long-term impacts on utilities beyond those noted in the preceding section:

1. Relocation of a cell tower located near I-5, off of Oakland Hills Boulevard in Belmor; and
2. Raising of existing BPA power lines and construction of new towers. The new towers would be replaced by BPA prior to construction of TDLE and would be adjacent to their existing location (BPA 2020).

South Federal Way Segment

In addition to the long-term impacts on utilities identified above for all build alternatives, all South Federal Way Segment alternatives would come into close range with an existing cell phone tower near Porter Way. The tower would need to be relocated so that the guideway would not block or interfere with cell tower transmission waves.

Fife Segment

Long-term operational impacts on utilities located in the Fife Segment are the same as those described above for all build alternatives.

Tacoma Segment

There are no long-term operational impacts on utilities anticipated in the Tacoma Segment beyond those that are common to all build alternatives. However, one variation for a bus layover space on E 26th Street and East G Street associated with one of the six bus transit options has the potential to impact the existing Tacoma Power substation.

All utilities associated with the TDLE guideway and the overhead catenary system are outside the flight path to Joint Base Lewis McChord (FAA 2020).

4.15.3.3 Construction Impacts for the Build Alternatives

Most of the TDLE impacts related to utilities are short-term construction impacts involving the relocation of utilities. Sound Transit identified utility conflicts for each alternative in the study area by determining where underground or overhead utilities were located within the project limits and would intersect with proposed light rail infrastructure. Those utility conflicts were then designated as major or minor. Major utility conflicts are those conflicts that are more difficult to resolve based on several factors, such as size (constructability and availability), service criticality (outages and long lead items), and danger (hazardous or explosiveness). Sound Transit considers a conflict with the following types of utilities as major utility conflicts:

- Water mains of 16-inch diameter or greater.
- Stormwater drains and sanitary sewers of 36-inch diameter or greater.
- Sanitary sewer force mains of 24-inch diameter or greater.
- 115 kilovolt (kV) and greater electrical transmission lines.
- High-pressure gas mains of any diameter.
- Intermediate-pressure gas lines with an 8-inch diameter or greater.
- Telephone and fiber-optic ducts with three or more conduits.
- Petroleum product pipelines.

A summary of major utility conflicts is summarized in Table 4.15-2 below and shown in Figures H8-1, H8-2, H8-3, and H8-4 in Appendix H8.

Additionally, TDLE would have several minor utility conflicts, which are easier to resolve. Where known, these conflicts were also identified and include utilities such as 8-inch water mains, 15-inch sewer mains, and small ducts with only one or two conduits per duct.

The goals for Sound Transit to identify utility conflicts as part of preliminary engineering and environmental review are:

- Plan for relocating the utilities during construction to remove conflicts with TDLE.
- Keep the project elements (i.e., guideways with overhead catenary wires, stations, and potential parking garages) clear of the minimum required distance of overhead utilities.

By identifying utility conflicts early, Sound Transit can discuss strategies for mitigating construction impacts with both public and private utility owners.

Appendix F, Conceptual Design Drawings, shows the locations of major utilities.

Table 4.15-2 Summary of Major Utility Conflicts
(Approximate Length of Relocations and Number of Crossings)

Alternative	Power Line	Water Line	Sanitary Sewer Line	Natural Gas/Petroleum Line	Stormwater Drainage Line	Telecom Systems
Federal Way Segment						
Preferred FW Enchanted Parkway Alternative	1,100 feet 3 crossings	100 feet	400 feet 1 crossing	Not Applicable	350 feet 1 crossing	1,100 feet 3 crossings
Preferred FW Enchanted Parkway Alternative with Design Option	1,100 feet 3 crossings	100 feet	300 feet 1 crossing	Not Applicable	350 feet 1 crossing	1,100 feet 3 crossings
South Federal Way Segment						
SF Enchanted Parkway Alternative[1]	1,750 feet 6 crossings	Not Applicable	100 feet 1 crossing	Not Applicable	200 feet	4,800 feet 2 crossings
SF I-5 Alternative	2,300 feet 6 crossings	100 feet	1 crossing	Not Applicable	Not Applicable	3,600 feet 2 crossings
SF 99-West[2]	4,050 feet relocated 1,700 feet raised 14 crossings	500 feet	300 feet	Not Applicable	Not Applicable	6,050 feet 12 crossings
SF 99-East[2]	12,550 feet relocated 700 feet raised 14 crossings	500 feet	550 feet gravity main 400 feet force main	Not Applicable	Not Applicable	14,550 feet 12 crossings
Fife Segment						
Fife Segment (portion common to all alternatives)	500 feet 3 crossings	Not Applicable	Not Applicable	Not Applicable	Not Applicable	500 feet 2 crossings
Fife Pacific Highway Alternative[3]	5 crossings	Not Applicable	Not Applicable	1 petroleum line crossing	100 feet 1 crossing	800 feet 4 crossings
Fife Median Alternative[3]	5 crossings	Not Applicable	Not Applicable	1 petroleum line crossing	100 feet	400 feet 4 crossings
Fife I-5 Alternative[3]	5 crossings	Not Applicable	Not Applicable	1 petroleum line crossing	200 feet	4 crossings

Table 4.15-2 Summary of Major Utility Conflicts (continued)
(Approximate Length of Relocations and Number of Crossings)

Alternative	Power Line	Water Line	Sanitary Sewer Line	Natural Gas/Petroleum Line	Stormwater Drainage Line	Telecom Systems
Tacoma Segment						
Preferred Tacoma 25th Street-West Alternative	6,400 feet 2 crossings	Not Applicable	Not Applicable	3,200 feet 2 natural gas line crossings 1 petroleum line crossing	1 crossing	6,400 feet 1 crossing
Tacoma 25th Street-East Alternative	5,000 feet 2 crossings	Not Applicable	Not Applicable	2,500 feet 2 natural gas line crossings 1 petroleum line crossing	200 feet	5,000 feet 1 crossing
Tacoma Close to Sounder Alternative	1 crossing	Not Applicable	Not Applicable	1 natural gas line crossing 1 petroleum line crossing	Not Applicable	1,200 feet 1 crossing
Tacoma 26th Street Alternative	2,800 feet 2 crossings	1,500 feet	Not Applicable	1 natural gas line crossings 1 petroleum line crossing	50 feet	1,400 feet 2 crossings

Notes:
(1) Major conflicts would be the same with SF 352nd Station Option.
(2) Major conflicts would be the same with Porter Way Design Option.
(3) Major conflicts would be the same for the alternatives with either the 54th Avenue Design Option or 54th Span Design Option.

Impacts Common to All Alternatives

Aboveground utilities on poles could be relocated to taller or different types of poles. TDLE could affect maintenance activities and access to underground utilities, such as sewer manholes or vaults, requiring relocation of access points. Relocating water lines could also affect access to and use of fire hydrants. Sound Transit could also consider establishing parallel water lines on either side of a retained cut or at-grade guideway section to split an existing piping system, forming two new looped distribution systems and avoiding utility lines crossing under the guideway.

Underground utilities, most of which are within approximately 6 feet of the surface along the alternative alignments, could be impacted by grading and excavation during construction or by the weight of light rail vehicles traveling above. As a result, Sound Transit would relocate or protect underground utilities during construction to minimize potential impacts. If needed, Sound Transit and utility providers would move underground utilities that are in public road rights-of-way and adjacent to or under TDLE to a different location in the same right-of-way. Utilities located in private parcels may remain on private property if relocation becomes necessary pending an agreement or extension of an agreement between the utility provider and parcel owner.

Trench construction, a method of opening ground for installation of infrastructure that involves a long, deep opening in the soil, would impact the most underground utilities, followed by at-grade construction; the current design of TDLE has minimal trench construction and a limited number of at-grade sections. These types of subsurface and surface construction would require the relocation of more underground pipes and aboveground utility poles than elevated alignments. In most cases where an at-grade profile would cross an underground utility, a split casing could be installed. For this application, a split casing refers to a steel pipe that serves as a casing around the utility line or pipe that allows the utility company to remove or install utilities at that

location in the future without disturbing light rail infrastructure while it is in operation. In order to install the split casing, a portion of the existing pipe may also have to be removed and replaced in its existing alignment to ensure good material condition in the existing main. Partial removal and replacement during installation of a split casing can also be helpful in some scenarios where constructability is limited.

Conflicts with overhead electric lines could occur where the elevated guideway passes directly underneath the lines, which would require raising the lines to be a minimum of approximately 35 feet from the top of rail for 115 kV lines and 37 feet for 230 kV lines.

Temporary connections to utility customers would typically be established before relocations to minimize service disruptions. However, inadvertent damage to underground utilities could occur if utility locations are uncertain or misidentified.

The city codes of Federal Way, Fife, and Tacoma require that existing overhead utilities (power and communications) requiring relocation be placed underground when possible. The policies would not apply to 115 kV or other high-voltage transmission lines.

Some utility service providers may be impacted by relocation costs incurred, staff time and resources required to facilitate the relocation, and the temporary loss of access to utilities. Sound Transit would evaluate relocation approaches and associated costs on a case-by-case basis. In general, it would evaluate the terms of a private utility's franchise agreement to determine the rights of the private utility within the public right-of-way and the responsibility for relocation costs.

Federal Way Segment

In the Federal Way Segment, the Preferred FW Enchanted Parkway Alternative would impact both underground and overhead utilities located throughout the corridor, including a conflict with BPA transmission lines that would need to be raised. The Preferred FW Enchanted Parkway Alternative would have similar utility impacts both with and without the FW Design Option, but at slightly different locations.

South Federal Way Segment

All of the alternatives in the South Federal Way Segment would impact both underground and overhead utilities located throughout the corridor by both support column foundations or vertical conflicts at overhead intersecting locations. The SF I-5 Alternative would avoid some of the potential vertical conflicts caused by the other alternatives.

All of the alternatives in the South Federal Way Segment would impact existing overhead electrical distribution and telecom lines, along with their support poles, which would need to be relocated and possibly converted to an underground system; several lines would need to be raised. More relocation of electrical and telecom lines would be required for the SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives than the SF I-5 Alternative.

Both the SF Enchanted Parkway Alternative and the SF I-5 Alternative would relocate access to a sewer main near Todd Beamer High School. This impact would be greater with the SF Enchanted Parkway Alternative because the aerial guideway supporting column foundations are closer to the existing sewer main for this alignment alternative, creating more impact.

Fife Segment

In the Fife Segment, potential impacts to utilities are related to conflicts with support column foundations or vertical conflicts at overhead intersecting locations. Relocation of overhead distribution electrical lines and possible underground conversion would be required for all of the

alternatives, and several lines would need to be raised. All of the alternatives in the Fife Segment would need to avoid a pipeline that provides jet fuel to Joint Base Lewis-McChord, where the alternatives cross the end of the I-5 southbound on-ramp from Port of Tacoma Road. All of the alternatives in the Fife Segment would conflict with the same Tacoma Power 115 kV overhead transmission electrical lines, which would have to be raised to provide the required separation from TDLE. All large impacts on utilities for the Fife Median Alternative would be the same as the conflicts for the Fife Pacific Highway Alternative but the impacts for the Fife Median Alternative would occur approximately 70 feet north of the Fife Pacific Highway Alternative. All of the Fife Segment alternatives would have similar utility impacts with the 54th Avenue and 54th Span design options, but at slightly different locations due to the station location.

Tacoma Segment

All Tacoma Segment build alternatives would have three large impacts on existing utility infrastructure: potential conflict with the existing British Petroleum Olympic pipeline located near the east bank of the Puyallup River; potential conflict with an existing 16-inch high-pressure gas main in E Bay Street that would need to be relocated; and a vertical conflict between the aerial guideway and overhead distribution electrical and telecom lines at the E Portland Avenue and E 26th Street intersection. Sound Transit would try to avoid these impacts to the extent possible.

The Preferred Tacoma 25th Street-West Alternative and the Tacoma 25th Street-West Alternative would impact the most utilities within the Tacoma Segment. In addition to the impacts common to all of the alternatives in the Tacoma Segment, the Preferred Tacoma 25th Street-West Alternative would also conflict with both a 115 kV overhead transmission line and overhead distribution electrical and telecom lines, which would need to be relocated, raised, or possibly converted to underground infrastructure. A gas line and associated gas line facility would need to be relocated, and three large telecom ducts would need to be consolidated and relocated, if possible.

The Tacoma Close to Sounder Alternative would have the fewest impacts to existing utilities because it runs adjacent to the existing Sounder tracks for a long stretch of the alignment where there are limited utilities. This alternative would travel close to an existing Tacoma Power substation, which would be protected in place during construction.

Similar to the Tacoma Close to Sounder Alternative, the Tacoma 26th Street Alternative would also have fewer impacts than either the Preferred Tacoma 25th Street-West or Tacoma 25th Street-East alternatives because it also travels adjacent to the Sounder tracks for a portion of the alignment where there are limited existing utilities. However, the Tacoma 26th Street Alternative would generate more impacts than the Tacoma Close to Sounder Alternative due to the impacts it would have on E 26th Street.

4.15.3.4 Avoidance and Minimization of Impacts

Sound Transit would develop agreements, where applicable, with utility providers to address construction and long-term impacts. When developing alternatives, Sound Transit used several measures to avoid and minimize potential utility impacts. For example, where feasible, columns for elevated guideways would avoid impacts to underground utilities. Sound Transit would also design the light rail alignment to maintain access to utilities for maintenance and repair per the utility owner's requirements. In some cases, that would require Sound Transit to relocate sewer manholes, pipes, vaults, or other access points as part of TDLE construction. Sound Transit would work closely with utility providers to maintain required access to these utilities and any relocated sewer manholes and vaults, utility mains, fire hydrants, and other features. To minimize potential impacts due to service disruptions, Sound Transit would perform potholing

and preconstruction surveys to identify utility locations as well as communicate with customers to inform them of planned or potential service disruptions.

To avoid or minimize potential corrosion impacts, Sound Transit would coordinate with utility providers to identify appropriate control measures. Typical design measures include:

- Installing cathodic protection systems.
- Installing insulating unions to break the electrical conductivity of the utility.
- Isolating electrical rails from the ground.
- Installing stray-current-control track fastening systems, where appropriate.

To avoid or minimize consumption and demand on utilities, such as energy and water, Sound Transit would integrate efficient operating practices at existing and new facilities that require the use of energy- and water-saving equipment and related design strategies.

4.15.3.5 Indirect Impacts

The improved transit access from light rail service availability would support planned development or redevelopment near TDLE stations. This would likely increase demand for utility services in certain locations. Local governments have planned for increased development in their adopted local land use plans and policies, consistent with regional plans. The project corridor is within the urban growth boundaries of the cities of Federal Way, Fife, and Tacoma, and development near TDLE would not be denser than that allowed in those cities' adopted land use plans. Indirect impacts on utilities are not expected to be greater with or without TDLE. See Section 5.4.3, Land Use, for more details on the indirect impacts related to land use development.

4.15.4 Potential Mitigation Measures

No additional mitigation measures beyond the avoidance and minimization measures described above would be anticipated.

4.16 Historic and Archaeological Resources

Below is a brief consideration of regulatory requirements and affected environment, including previously identified cultural (archaeological and built-environment) resources. The Historical and Archaeological Resources Technical Report(Appendix J5) describes in more detail the environmental and cultural context of the TDLE study area, with additional information about federal, state, and local regulations affecting historic properties and the resources inventoried as part of the archaeological and built-environment surveys. A draft Section 106 Programmatic Agreement is also included in Appendix J5.13.

4.16.1 Introduction to Resources and Regulatory Requirements

The two main federal laws pertaining to archaeological and built-environment resources are the National Historic Preservation Act (NHPA) and NEPA. Section 106 of the NHPA requires federal agencies to identify historic properties within the area of potential effects (APE) and to consider a project's potential effects on those historic properties. The APE is defined as "the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties" (36 CFR 800.16(d)). Historic properties are defined as "any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior," and can also include traditional cultural properties (36 CFR 800.16(l)(1)). Under Section 106 of the NHPA, historic properties (those listed or eligible for listing in the National Register of Historic Places [NRHP]) are identified and evaluated by the lead federal agency in consultation with Tribes with jurisdiction or interest, SHPO at the Washington State Department of Archaeology and Historic Preservation (DAHP), local jurisdictions, and other consulting parties, as appropriate. Archaeological and built-environment resources must also be given consideration under NEPA. In NEPA, "cultural resources" encompass a wide range of resources including, but not limited to, sacred sites, archaeological and built-environment resources not eligible for the NRHP, archaeological and built-environment resources eligible for the NRHP, and archaeological collections (CEQ and ACHP 2013:4). In addition, for U.S. Department of Transportation (including FTA) projects, Section 4(f) of the U.S. Department of Transportation Act includes protections for NRHP-eligible properties. Section 4(f) applies to properties that are listed in or eligible for listing in the NRHP. This includes built-environment resources, archaeological sites that warrant preservation, and traditional cultural properties (TCPs). A draft Programmatic Agreement outlining procedures for post-ROD investigations, NRHP evaluations, adverse effects determination and resolution of adverse effects is included in Appendix J5.13.

In addition, the Native American Graves Protection and Repatriation Act (NAGPRA) applies to this project. NAGPRA (Public Law 101-601; 25 U.S.C. §§ 3001-3013) is concerned with the protection, disposition, and repatriation of Native American human remains, funerary objects, sacred objects, and objects of cultural patrimony on federal or Tribal lands and recognizes that these human remains and objects belong to the lineal descendants. NAGPRA also requires that American Indian Tribes or Native Hawaiian organizations be consulted whenever archaeological investigations encounter, or are expected to encounter, Native American cultural items or when such items are unexpectedly discovered on federal or Tribal lands. A portion of the TDLE project extends across ancestral and reservation lands of the Puyallup Tribe of Indians, and FTA has been in government-to-government consultation with the Tribe (see Section 4.16.2). FTA and Sound Transit are coordinating with the Puyallup Tribe of Indians, particularly in relation to a portion of TDLE that is in the vicinity of Saint (St.) George's Cemetery. Staff from the Puyallup Tribe of

Indians were present during portions of the fieldwork conducted for this Draft EIS, including during some of the cultural resource investigations conducted in the vicinity of the cemetery.

Applicable state laws and authorities include SEPA and regulations relating to archaeological and built-environment resources guiding the Washington Heritage Register (WHR) program administered by DAHP. Under state law, Revised Code of Washington (RCW) 27.53, Archaeological Sites and Resources, any alteration to an archaeological site requires a permit from DAHP. State law, RCW 27.44 Indian Graves and Records, also protects Native American burial sites.

In addition to federal and state laws, ordinances and regulations are in place at county and municipal levels. King County, Pierce County, and the City of Tacoma each has a designated Historic Preservation Program under the guidance of a landmarks commission. Other municipalities, including the cities of Federal Way, have joined these programs and adopted appropriate ordinances and regulations for their jurisdictions.

4.16.2 Tribal Consultation and Additional Consulting Parties

The FTA is conducting government-to-government consultation with the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), Muckleshoot Indian Tribe, Nisqually Indian Tribe, and the Confederated Tribes and Bands of the Yakama Nation (Yakama Nation).

In addition, certain organizations with a demonstrated interest in the project are allowed to participate as consulting parties due to the nature of their legal or economic relation to the undertaking or affected properties, or their concern with the undertaking's effects on historic properties (36 CFR 800.2). FTA has coordinated with the following additional consulting parties regarding the project findings and determinations: King County Historic Preservation Officer, Pierce County Historic Preservation Commission, Tacoma Historic Preservation Officer, City of Fife Planning Department, and Washington Trust for Historic Preservation. FTA and Sound Transit have also developed and implemented a focused outreach to other organizations who have an interest in historic resources. These organizations include Culture Development Authority, Historical Society of Federal Way, Fife Historical Society, Tacoma Historical Society, and Historic Tacoma. Public participation and input will also be solicited as it is an important component of the Section 106 consultation process.

4.16.3 Affected Environment

The APE for TDLE generally extends from the project elements (e.g., guideway, station locations, construction staging areas) to the nearest tax parcel or a maximum of 200 feet where large tax parcels are adjacent elements. The APE was widened at Belmor; Gethsemane Cemetery; St. George's Cemetery; the area between Pacific Highway E and 12th Street E, bounded on the west by Alexander Avenue E and 46th Avenue E on the east; and the area extending north from the anticipated bridge location over the Puyallup River to Lincoln Avenue, as shown on Figure 4.16-1. The study area used for the literature review is a 1-mile radius of the APE. This is larger than the APE to provide context for the types of cultural resources that may be encountered within the APE. A file search of DAHP's Washington Information System for Architectural and Archaeological Records Data (WISAARD) database was used to identify the archaeological sensitivity for the APE (Appendix J5). Other background information, including ethnographic data, historic maps, and geologic data, were also used to inform an understanding of archaeological sensitivity. In general, sections in the central portion of the South Federal Way Segment and all of the Fife and Tacoma segments have high archaeological sensitivity. The other portions of the Federal Way and South Federal Way segments generally have low to moderate sensitivity.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 4.16-1
Tacoma Dome Link Extension
Area of Potential Effect (APE)
Tacoma Dome Link Extension

The literature review performed for the project identified 26 previously documented cultural resources within the APE. Seventeen are precontact or historic archaeological sites, two of which (precontact sites 45PI488 and 45PI1327) have been determined eligible for listing in the NRHP; six are built-environment resources that have been determined eligible for or are listed in the NRHP, the WHR, and/or the Tacoma Landmarks Register (including one that has since been demolished); and two are cemeteries.

St. George's Indian School operated from 1888 to 1937, near the modern location of Gethsemane Cemetery and the documented St. George's Cemetery. The buildings of the former St George's Indian School were demolished as part of the development of the Gethsemane Cemetery in the early 1970s (Boswell and Rinck 2017).

4.16.3.1 Archaeological Resources

Of the 17 previously documented archaeological sites within the APE, three date to the precontact period, and 14 date to the historical period of Euro-American exploration and settlement in the Puget Sound region. Table 4.16-1 provides information about these 17 archaeological sites present within the Federal Way, South Federal Way, Fife, and Tacoma Segments of the APE.

Table 4.16-1 Previously Documented Archaeological Sites within the APE from North to South

Segment/ Alternative	Resource ID	Period	Description	Reference	NRHP Status	Location[1]
Federal Way Segment						
Federal Way- All alternatives	45KI719	Historic	Stone foundation	Luttrell (2005)	Determined Not Eligible	Within Area of Potential Ground Disturbance
Federal Way- All alternatives	45KI1662	Historic	Historic Road	Warren (2022)	Determined Not Eligible	Within Area of Potential Ground Disturbance
South Federal Way Segment						
South Federal Way- SF 99-West and SF 99-East alternatives	45KI1021	Historic	Historic Commercial Property	McWilliams (2011)	Unevaluated	Within Area of Potential Ground Disturbance
South Federal Way- SF 99-West and SF 99-East alternatives	45PI1177	Precontact	Lithic Isolate	Boersema (2010)	Unevaluated	Within APE, outside of Area of Potential Ground Disturbance
Fife Segment						
Fife- All alternatives	45PI488	Precontact	Campsite, varied artifacts	Luttrell (2001)	Determined Eligible	Within APE, outside of Area of Potential Ground Disturbance
Fife- All alternatives	45PI724	Historic	Debris scatter	Cooper (2005)	Determined Not Eligible	Within APE, outside of Area of Potential Ground Disturbance

Table 4.16-1 Previously Documented Archaeological Sites within the APE from North to South (continued)

Segment/ Alternative	Resource ID	Period	Description	Reference	NRHP Status	Location[1]
Tacoma Segment						
Tacoma- All alternatives	45PI1563	Historic	Debris scatter	Berry (2021)	Unevaluated	Within APE, outside of Area of Potential Ground Disturbance
Tacoma- All alternatives	45PI1542	Historic	Concrete foundation	Morris (2020)	Determined Not Eligible	Within Area of Potential Ground Disturbance
Tacoma- All alternatives	45PI1463	Historic	Bay Street road segments	Luttrell (2019)	Determined Not Eligible	Within Area of Potential Ground Disturbance
Tacoma- All alternatives	45PI1460	Historic	Structural elements	Garrison (2018)	Unevaluated	Within Area of Potential Ground Disturbance
Tacoma- 25th East and 25th West	45PI1459	Historic	Railroad track segment	Garrison (2018)	Unevaluated	Within Area of Potential Ground Disturbance
Tacoma- 25th East and 25th West	45PI1458	Historic	Historic Road	Garrison (2018)	Determined Not Eligible	Within Area of Potential Ground Disturbance
Tacoma- 26th Street, and Close to Sounder	45PI1457	Historic	Railroad segment	Garrison (2018)	Unevaluated	Within Area of Potential Ground Disturbance
Tacoma- 26th Street, and Close to Sounder	45PI1456	Historic	Debris scatter	Stevenson (2018)	Unevaluated	Within Area of Potential Ground Disturbance
Tacoma- All alternatives	45PI1327	Precontact	Artifacts and ecofacts	Stevenson (2013)	Determined Eligible	Within Area of Potential Ground Disturbance
Tacoma- All alternatives	45PI1290	Historic	Isolate, pipe valve fragment	Tierney (2012)	Determined Not Eligible	Within Area of Potential Ground Disturbance
Tacoma- 25th East, 25th West, and 26th Street	45PI743	Historic	Tunnel	Piston (2006)	Determined Not Eligible	Within Area of Potential Ground Disturbance

Note:
(1) In the Location column, APE denotes a location that is within the APE and outside of the Areal of Potential Ground Disturbance.

4.16.3.2 Historic Buildings and Structures

The background research discussed above identified six built-environment resources within the APE either listed in or determined eligible for listing in the NRHP or Washington Heritage Register (WHR), although one of them has since been demolished (Table 4.16-2; Appendix J5).

Table 4.16-2 NRHP- and/or WHR-Eligible or Listed Built-Environment Resources

Segment/ Alternative	Resource ID	Name/Address	Year Built	NRHP/WHR Listing Status and Criteria	Reference	Location
Tacoma- All alternatives	31231	Milwaukee Railroad-Puyallup River Bridge, Tacoma (railroad crossing)	1910	Determined NRHP-eligible under Criteria A and C	FHWA 2009	APE
Tacoma- All alternatives	31786	Puyallup River Bridge, Tacoma (Pacific Highway E crossing)	1927	Determined NRHP-eligible, criteria undefined	FHWA 2013	APE
Tacoma- All alternatives	90499	East 21st Street Bridge, Tacoma (Lincoln Avenue crossing)	1929	Determined NRHP-eligible, criteria undefined	FHWA 2008	APE
None (demolished)	31669	Chicago, Milwaukee, St. Paul, and Pacific S-Turn Trestle (demolished)	1908	Determined NRHP-eligible under Criteria A and C; demolished 2017	FTA 2014	APE
Tacoma- 26th Street	31673	Engine House 4 – Tacoma Fire Station No. 4, 220-224 E 26th Street, Tacoma	1912	Listed in the WHR and NRHP in 1984	DAHP 2020	APE

Note:
(1) Additional information on these resources can be found in Appendix J5, Historical and Archaeological Resources Technical Report.

In addition to the five extant built-environment resources that have been found eligible for or listed in the WHR and NRHP, there are two resources within the APE that are listed in the Tacoma Register of Historic Places, the Carman Manufacturing Building and the Trecento Block (City of Tacoma 2020; DAHP 2012).

One additional building should be noted. Freighthouse Square, a large, well-known former rail depot, now a commercial operation, is also located within the APE. It has not been listed in the Tacoma Register of Historic Places, however, and was determined not eligible for listing in the NRHP by FTA in 2014.

4.16.3.3 Cemeteries

There are two cemeteries located within the APE: Gethsemane and St. George's (45KI866 and 45KI867). They are adjacent to each other between West Hylebos Creek and I-5 at the boundary of the South Federal Way and Fife segments.

4.16.3.4 Traditional Cultural Properties

FTA is conducting government-to-government consultation with the Puyallup Tribe of Indians, Muckleshoot Indian Tribe, Nisqually Indian Tribe, and Yakama Nation about the project and its potential effects on cultural resources, including TCPs. Through consultation the potential for TCPs within the APE has been identified.

4.16.4 Survey and Inventory Methods and Results

Within the APE, field survey and inventory were conducted. Pedestrian archaeological survey and subsurface archaeological investigations included shovel probes, hand auger cores, and deep archaeological bores. The survey and inventory documented previously unsurveyed built-environment resources constructed in 1980 or earlier.

4.16.4.1 Archaeology Survey Results

Archaeologists conducted field survey between December 2020 and March 2021 and between May and July 2023. The field survey consisted of a pedestrian archaeological survey and excavation of a combined 664 shovel probes and hand auger cores (see Appendix J5).

The archaeological survey identified eight previously undocumented archaeological resources. The resources consist of six archaeological sites and two archaeological isolates, which are listed in Table 4.16-3.

Table 4.16-3 Archaeology Survey Results and NRHP Status

Segment/ Alternative	Resource Type	Resource Description	Resource Age	NRHP Status
Federal Way Segment				
Federal Way- All alternatives	Historic period isolate	Historic period bottle (45KI1583)	1966	Determined Not Eligible
South Federal Way Segment				
South Federal Way- All alternatives	Historic period site	Debris scatter (45KI1584)	ca. 1950	Determined Not Eligible
South Federal Way- All alternatives	Historic period site	Debris scatter (45KI1585)	ca. 1960s	Determined Not Eligible
South Federal Way- All alternatives	Historic period site	Debris scatter (45KI1586)	ca. 1940 to 1960s	Eligible
South Federal Way- All alternatives	Historic period site	Debris scatter (45KI1587)	ca. 1930s to 1966	Determined Not Eligible
South Federal Way- All alternatives	Historic period isolate	Historic period bottle (45KI1588)	1945	Determined Not Eligible
Fife Segment				
Fife- All alternatives	Historic period site	Debris scatter (45PI1555)	ca. 1940	Undetermined
Tacoma Segment				
Tacoma-26th Street and Close to Sounder	Historic period site	Foundation and debris scatter (45PI1556)	Historic period to modern	Determined Not Eligible

4.16.4.2 Archaeological Monitoring of Geotechnical Work

As part of the geotechnical investigations for TDLE, 26 geotechnical bores were monitored by archaeologists between November 30, 2020, and March 21, 2021. Samples with visible archaeological materials were screened.

Archaeological materials were found during review of sediments extracted at one boring location. This bore encountered a deposit of organically enriched sediment containing fragmented mussel shell and other bivalves at a depth of 9.1 to 9.6 meters (30 to 31.5 feet) below surface that were interpreted to represent a shell midden (Stevenson 2020). The deposit was designated archaeological resource 45PI1557.

Site 45PI1557 is anticipated to be older than 50 years old, based on its depth and geologic setting. The site constitutes a previously undocumented Native American-associated archaeological deposit. To date, the age of the deposit is not known, and the nature of the site the midden comes from is not understood. Archaeological site 45PI1557 has been determined eligible for listing in the National Register of Historic Places.

4.16.4.3 Archaeology Deep Testing Survey Results

Archaeologists conducted deep testing of sediments within the APE using mechanically excavated bores and hand-excavated shovel probes. The bores and shovel probes were analyzed by a geoarchaeologist to reconstruct the depositional setting of the APE through time and to identify potential buried archaeological resources or sedimentary deposits with a high probability to contain archaeological materials. In total, 20 bores were mechanically extracted using sonic and push-coring methods, ranging in depth from 8.5 to 48.8 meters (28 to 160 feet) below ground surface. Additionally, six shovel probes were excavated and analyzed for their geoarchaeological properties. The deep testing fieldwork occurred between January 4 and March 4, 2021.

No archaeological resources were encountered during the deep testing and geoarchaeological analysis of cores. Multiple buried soils, former shoreline sediments, and other deposits with a moderate to high likelihood for containing archaeological resources were identified. Some of these high probability deposits were found in close proximity to previously recorded archaeological sites, including near 45PI1327 and 45PI930.

4.16.4.4 Built-Environment Resources Survey Results

Architectural historians conducted field survey and prepared historic property inventory forms between December 2019 and August 2023 for 233 built-environment resources within the APE. One additional resource, the Milwaukee, St. Paul and Pacific Railroad, was recommended not eligible and then determined NRHP-eligible by a different agency for a different project while reporting for TDLE was underway. It is assessed for potential effects along with other eligible and listed resources. FTA has determined, in consultation with Tribes, SHPO, and additional consulting parties, that 21 built-environmental resources are eligible for listing in the NRHP; see Table 4.16-4 and Figures 4.16-2 and 4.16-3. Built-environment resources that are eligible for the NRHP are automatically eligible for listing in the WHR. The levees on either side of the Puyallup River bridge in the Fife and Tacoma segments comprise one built-environment resource.

Table 4.16-4 Built-Environment Resources Eligible for the NRHP for TDLE[1]

Segment/ Alternative	Resource ID	Name/Use	Year Built	NRHP Eligibility and Criteria	Location/ Address
South Federal Way Segment					
South Federal Way: SF 99-West, SF 99-East, and SF Enchanted Parkway alternatives	731955	Denny's Restaurant	1978	Determined Eligible: Criterion C	34726 16th Avenue S, Federal Way
South Federal Way: SF 99-West and SF99-East alternatives	731975	Brooklake Community Center	ca. 1929	Determined Eligible: Criteria A and C	726 S 356th Street, Federal Way
South Federal Way: SF 99-West and SF 99-East alternatives	731992, 731994, 731995, 731996, 731998, 731999, 732000, 732001	Montessori Academy at Spring Valley School	ca. 1943	Determined Eligible: Criteria A, B, and C	36605 Pacific Highway S, Federal Way
South Federal Way: SF 99-West and SF 99-East alternatives	396993	K.C.J. Stables	ca. 1900	Determined Eligible: Criteria A and B	36530A Pacific Highway S, Federal Way

Table 4.16-4 Built-Environment Survey Results for TDLE (continued)

Segment/ Alternative	Resource ID	Name/Use	Year Built	NRHP Eligibility and Criteria	Location/ Address
South Federal Way: SF 99-West and SF 99-East alternatives	395115	Residence	1947	Determined Eligible: Criterion C	36606 Pacific Highway S, Federal Way
South Federal Way: SF 99-West and SF 99-East alternatives	395874	Residence	1921	Determined Eligible: Criterion C	36903 Pacific Highway S, Federal Way
South Federal Way: SF 99-West and SF 99-East alternatives	537584/ 725425	Gethsemane Cemetery and Mortuary	1974	Determined Eligible: Criteria A and C	37600 Pacific Highway S, Federal Way
South Federal Way: SF 99-West and SF 99-East alternatives	731901	Daffodil Motel	ca. 1948	Determined Eligible: Criterion C	7909 Pacific Highway E, Milton
South Federal Way: SF Enchanted Parkway and SF I-5 alternatives, and Porter Design Option	731933	Commercial Building	1978	Determined Eligible: Criterion C	7700 Pacific Highway E, Milton
Fife Segment					
Fife: All alternatives	31927	Residence	1900	Determined Eligible: Criteria A and/or B or C	1309 62nd Avenue E, Fife
Fife: All alternatives	29547	Pick-Quick Drive In	1950	Determined Eligible: Criteria A and C	4306 Pacific Highway E, Fife
Tacoma Segment					
Tacoma: All alternatives	722131	Northern Pacific Railway/BNSF	1873	Determined Eligible: Criterion A	APE-specific
Tacoma: All alternatives	536705	Residence	1914	Determined Eligible: Criterion C	1320 E 26th Street, Tacoma
Tacoma: Close to Sounder and 26th Street	721797	Residence	1903	Determined Eligible: Criterion C	1112 E 26th Street, Tacoma
Tacoma: Close to Sounder and 26th Street	516320	Residence	1903	Determined Eligible: Criterion C	1106 E 26th Street, Tacoma
Tacoma: 25th-West and 25th-East	32815	BNSF Freight Warehouse	1950	Determined Eligible: Criteria A and C	603-605 Puyallup Avenue, Tacoma
Tacoma: All alternatives	722117	Puyallup River Levees	1950	Determined Eligible: Criterion A	Puyallup River Levees
Tacoma: Tacoma 26th Street	31674	Commercial	1909	Determined Eligible: Criteria A and C	101 E 26th Street, Tacoma
Tacoma: Tacoma 26th Street	536748	Commercial	1937	Determined Eligible: Criteria A and C	102 S 26th Street, Tacoma
Tacoma: Tacoma 26th Street	536754	Commercial	1920	Determined Eligible: Criteria A and C	110 E 26th Street, Tacoma
Tacoma: Tacoma 26th Street	722335	Commercial	1962	Determined Eligible: Criteria A and C	102 E 26th Street, Tacoma

Notes:

(1) This table includes only resources identified by the TDLE built-environment survey that are determined eligible for listing in the NRHP.

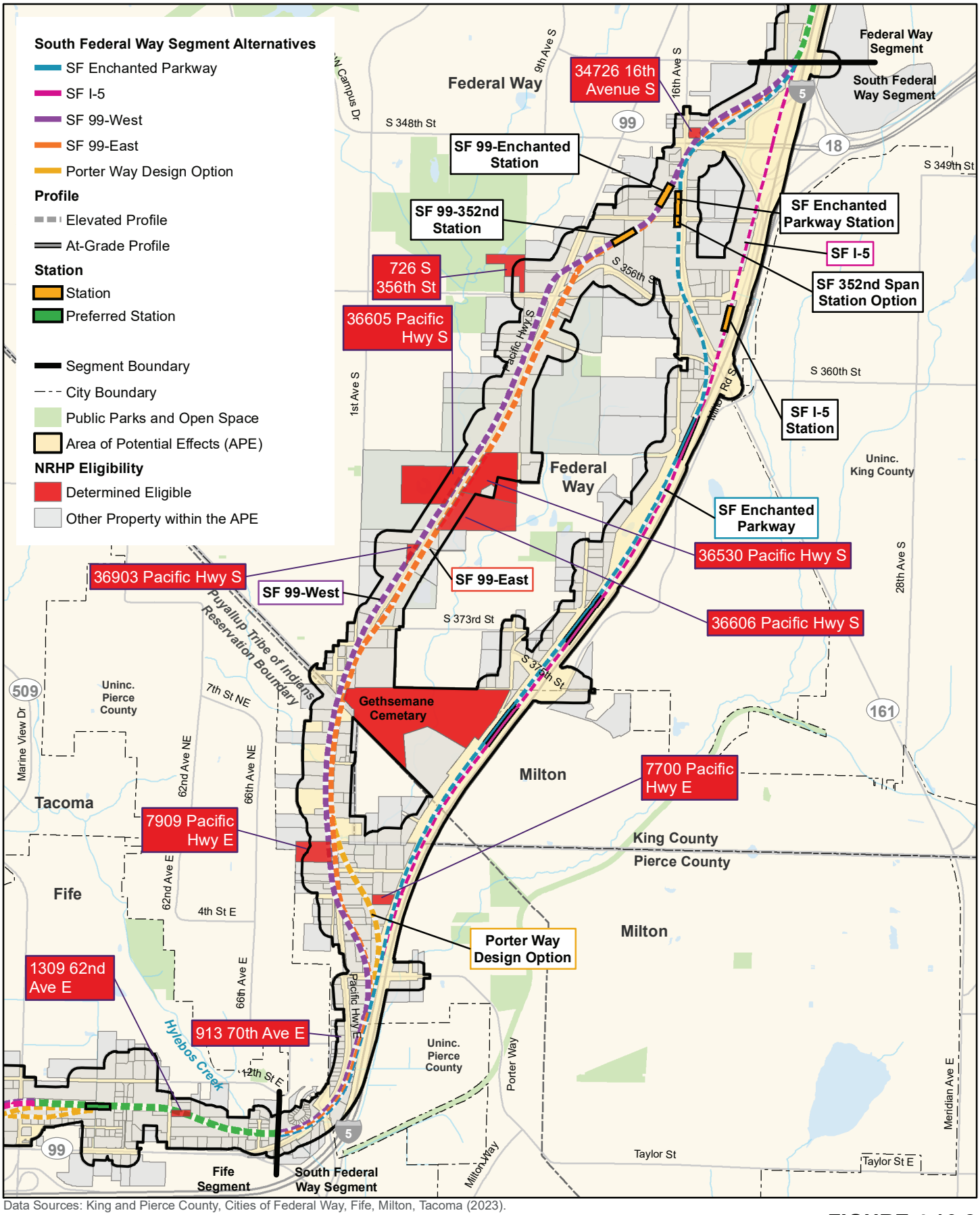

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.16-2
Built-Environment Resources in the South Federal Way Segment

Tacoma Dome Link Extension

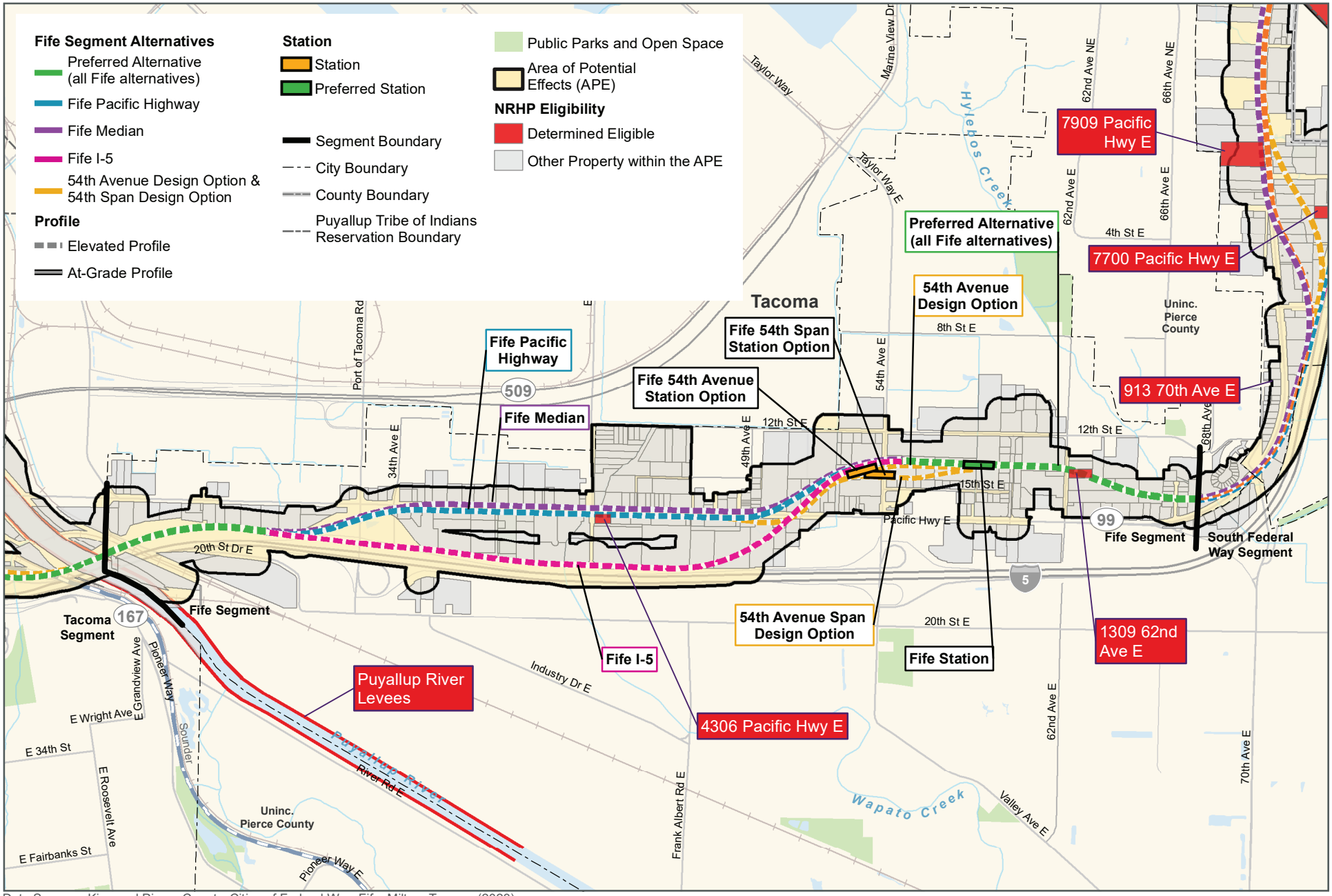

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.16-3
Built-Environment Resources in the Fife Segment

Tacoma Dome Link Extension

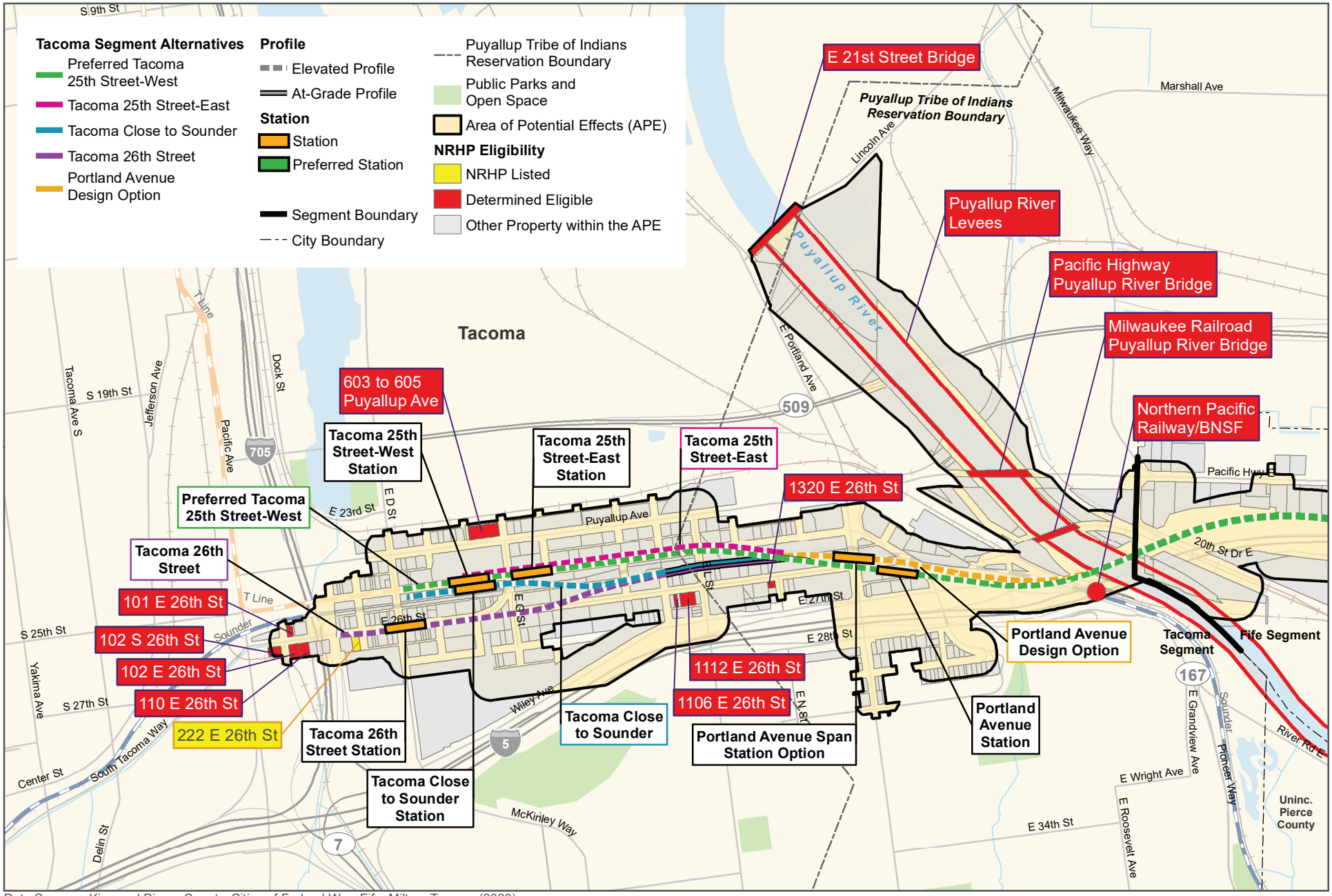

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.16-4
Built-Environment Resources in the Tacoma Segment

Tacoma Dome Link Extension

4.16.5 Environmental Impacts

This section discusses long-term operational and short-term construction impacts of the alternatives. These impacts are specifically focused on NRHP-eligible and listed resources.

Section 106 regulations allow three findings for effects on cultural resources:

- No Historic Properties Affected.
- No Adverse Effect.
- Adverse Effect.

As the lead agency, FTA makes the final determination of effect for each NRHP-eligible or listed resource in the APE. FTA also makes an overall finding of effect for the undertaking and requests SHPO's concurrence. The Section 106 process is used to determine a historic site's NRHP eligibility and whether it is a Section 4(f) resource. The Section 4(f) Evaluation for TDLE is summarized in Section 4.18 and included in Appendix D of this Draft EIS.

4.16.5.1 Impact Evaluation Methods

After a cultural resource is identified and found NRHP-eligible, the next step is assessing whether the undertaking will adversely affect the resource by applying the Criteria of Adverse Effect (36 CFR 800.5). An adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Adverse effects may include, for instance, the demolition of an NRHP-eligible building or physical encroachment upon an NRHP-eligible archaeological site (36 CFR 800.5).

FTA has identified impacts to NRHP-eligible properties for the Preferred Alternative, where identified, and effects determinations have been made for properties adversely impacted by the Preferred Alternative or all build alternatives. FTA will continue to consult on effects to historic properties following publication of the Draft EIS and Sound Transit Board identification of a Preferred Alternative for all segments of the TDLE project.

In addition to the 17 previously recorded archaeological resources in the APE, the TDLE survey identified eight additional archaeological sites and the TDLE geotechnical monitoring identified one additional archaeological resource within the APE. At this early stage of design, it is not possible to identify all archaeological resources that could be affected by the project because the extent of ground disturbance is not fully known and not all areas are accessible for testing. It is possible that one or more archaeological sites exist beneath the ground surface in areas where project excavation would take place. The TDLE project, as currently designed, may impact three NRHP-eligible precontact archaeological resources, sites 45PI488, 45PI1327, and 45PI1557; and one additional historic-period archaeological resource, site 45PI1555, not formally evaluated.

At this stage of design, TDLE has the potential to directly and/or indirectly affect 26 historic (NRHP-listed or eligible) built-environment properties, which includes five extant resources either previously listed or determined eligible and 21 resources surveyed and determined NRHP-eligible for TDLE.

4.16.5.2 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The No-Build Alternative would not affect any known archaeological or built-environment properties in the study area.

4.16.5.3 Long-Term Impacts on Archaeological Resources for the Build Alternatives

Impacts or Effects

The terms impact and effect are used purposefully in this Draft EIS Section 4.16 and Appendix J5, Historic and Archaeological Resources Technical Report. The word "effect" is used when referring to the effects (e.g., adverse effect) the project has on historic properties in a Section 106 framework, following implementing regulations at 36 CFR Part 800.

The word "impact" is used when referring to specific long-term or construction impacts, both direct and indirect, pursuant to NEPA implementing regulations at 40 CFR Part 1502.

Potential impacts to archaeological resources include, but are not limited to, the following:

- Demolition or alteration of the resource.
- Physical encroachment upon a site.

The anticipated depths of disturbance of the project are variable throughout the APE. Deep ground disturbance below 20 feet is anticipated across approximately 85 to 90 percent of the guideway alignment and is associated with construction of drilled shafts or columns used to support the elevated guideway. Approximately 10 to 15 percent of the guideway is anticipated to be at grade. Shallower anticipated ground disturbance is also associated with access road construction, staging area use, utility work, and stormwater facilities.

Direct long-term impacts can happen during operation or as a result of a construction activity that causes a permanent change. For archaeological resources, long-term impacts are generally initiated when ground-disturbing activities occur; they are characterized as long-term impacts because they permanently affect the archaeological record.

One of the alternatives would affect one of the NRHP-eligible built-environment resources within the APE. None of the alternatives would affect any additional resources surveyed and recommended potentially eligible for listing in King County, Pierce County, or the City of Tacoma registers of historic places.

The project will result in an adverse effect to one NRHP-eligible archaeological site (45PI1557) and has the potential for adverse effects to an additional two NRHP-eligible archaeological resources and one potentially NRHP-eligible archaeological resource that have been identified in the APE. The probability of encountering intact archaeological resources in the corridor ranges from low to very high. Ground-disturbing activities, specifically those involving excavation or ground clearance, could encounter an unanticipated archaeological site. If the site is determined to be eligible for listing in the NRHP an adverse effect could occur.

Through consultation, the potential for TCPs within the APE has been identified. Sound Transit and FTA will continue to coordinate and consult on potential TCPs as the project moves forward.

Through the NEPA review and the Section 106 process, FTA and Sound Transit will continue to consult with Tribes, SHPO, and other interested parties to avoid, minimize, or mitigate impacts to archaeological sites, if identified.

Federal Way Segment

None of the alternatives in the Federal Way Segment are anticipated to have long-term impacts on known or previously recorded archaeological resources that are listed or have been determined eligible for listing in the NRHP. As there are no such resources within the APE, and no landmarks or locally significant resources identified by the City of Federal Way or King County in the Federal Way Segment, no cultural resources are anticipated to be affected. However, if archaeological resources are identified, FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes and other consulting parties will determine eligibility for listing to the NRHP and apply the criteria for adverse effects to the resource.

South Federal Way Segment

The SF 99-West and SF 99-East alternatives (with or without the Porter Way Design Option) are not anticipated to have long-term impacts on archaeological resources that are currently listed or have been determined eligible for listing in the NRHP, and no landmarks or locally significant resources in the Puyallup Tribe of Indians Reservation, Federal Way, Milton, King County, or Pierce County are anticipated to be affected. However, a culturally sensitive portion of the St. George's Cemetery (45KI867) is along the SF Enchanted Parkway and SF I-5 alternatives within this segment. The eastern boundaries of the cemetery are poorly documented, and ground disturbance associated with construction under the SF Enchanted Parkway and SF I-5 alternatives may encroach on undocumented portions of the cemetery. Based on comments received from the Puyallup Tribe of Indians, the alignment that parallels I-5 has potential to impact significant cultural resources. If unknown resources, including but not limited to human remains, are encountered, an irreversible long-term impact could occur. The potential to encounter unrecorded archaeological resources is generally low.

Additionally, one newly recorded archaeological resource (45KI1586) has been determined eligible for listing in the NRHP and would potentially be affected during the construction of the SF Enchanted Parkway and the SF I-5 alternatives, causing a long-term impact. Potential impacts to this site would be associated with ground clearance and subsurface disturbances because the site was identified both at the surface and within shovel probes. Ground-disturbing activities at the site location could destroy, alter, and/or displace artifacts and the culturally relevant sedimentary context associated with the site. These effects would diminish the integrity of site 45KI1586 as a potentially significant resource.

Because the South Federal Way Segment includes multiple alternatives and there is currently not a Preferred Alternative, FTA will continue to assess impacts to archaeological resources following identification of a Preferred Alternative by the Sound Transit Board.

Fife Segment

In the Fife Segment, one NRHP eligible archaeological resource (45PI488) and one potentially eligible resource (45PI1555) may be affected during the construction of TDLE under all alternatives, causing a long-term impact. Potential impacts to this site would be associated with ground disturbance, as the resources were identified almost entirely below the surface. Ground-disturbing activities at the site location could destroy, alter, and/or displace artifacts and the culturally relevant sedimentary context associated with the site. These effects would diminish the integrity of site 45PI488 as a significant resource and site 45PI1555 as a potentially significant resource.

Additionally, archaeological and geoarchaeological investigations conducted near both the east and west ends of the Fife Segment demonstrated the presence of buried and deeply buried landforms with high potential to contain archaeological resources. If archaeological resources exist in this segment and are eligible for listing in the NRHP, impacts to them would constitute adverse effects.

None of the Fife alternatives would affect landmarks or locally significant resources in the Puyallup Tribe of Indians Reservation, Fife, or Pierce County.

Archaeological resources identified along the Fife Segment are located in a portion of the segment that does not have a Preferred Alternative. As such, FTA will assess effects to archaeological resources following identification of a Preferred Alternative by the Sound Transit Board. The potential to encounter unrecorded archaeological resources is moderate to high in much of this segment.

Tacoma Segment

In the Tacoma Segment, two eligible archaeological resources (45PI1327 and 45PI1557) would potentially be affected causing a long-term impact. Site 45PI1327 would potentially be affected during the construction of TDLE under the Tacoma Close to Sounder and the Tacoma 26th Street alternatives. Site 45PI1557 would be adversely affected during the construction of TDLE under all alternatives within the Tacoma Segment. Potential impacts to these sites would be associated with ground disturbance, as the resources were identified entirely below the surface. Ground-disturbing activities at the sites' locations could destroy, alter, and/or displace artifacts and the culturally relevant sedimentary context associated with the sites. These effects would diminish each site's integrity as significant resources.

Within this segment, ethnographic information as well as previously documented archaeological sites demonstrate the potential for this area to contain archaeological resources. If archaeological resources exist in this segment and are eligible for listing in the NRHP, impacts to them would constitute adverse effects.

None of the alternatives would affect landmarks or locally significant resources in the Puyallup Tribe of Indians Reservation, Tacoma, or Pierce County.

As described above, archaeological site 45PI1557 is adversely affected by all alternatives within the Tacoma Segment. Therefore, FTA has determined and SHPO concurred that the project will have an adverse effect on site 45PI1557. Other portions of this segment include archaeological sites that would be adversely affected by one or more, but not all, alternatives. After the Sound Transit Board identifies a Preferred Alternative, FTA anticipates consultation on adverse effects for these archaeological resources.

4.16.5.4 Construction Impacts on Archaeological Resources for the Build Alternatives

Construction effects are those that occur only during the construction period and are relatively short in duration. These effects may include noise, vibration, dust, etc. It is unlikely that these kinds of effects will adversely affect archaeological resources. However, through the NEPA review and the Section 106 process, FTA and Sound Transit will continue to consult with Tribes, SHPO, and other interested parties to minimize effects to archaeological sites, if found.

4.16.5.5 Indirect Impacts on Archaeological Resources

Indirect impacts may occur during the long-term operation of TDLE or may occur during construction but farther away from the project corridor. Development or redevelopment of the neighborhoods and commercial properties surrounding TDLE is likely to occur, especially near station areas. The probability of encountering intact archaeological resources in the corridor ranges from low to very high. Where further development and redevelopment of residential and commercial areas occurs, there could be indirect impacts if archaeological resources are encountered.

4.16.5.6 Long-Term Impacts on Built-Environment Resources for the Build Alternatives

Impacts Common to All Alternatives

There are 26 listed or eligible built-environment properties with existing structures within the APE, many are within view of, or associated with, existing transportation networks and urban environments.

Where the project alternatives involve an acquisition of all or part of a built-environment property, and where the development of an alternative may require demolishing a built-environment resource or altering major sections of its historically platted and current tax lot, direct effects are likely to be adverse. For properties located outside the construction footprint of alternatives, and where effects are likely to be limited to audible and more distant visual changes, these effects may not be adverse, as long as those resources retain their historic associations. A finding of no adverse effect occurs when the project's effects do not alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the NRHP in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association.

A review of the project's conceptual design (Appendix F, Conceptual Design Drawings) has resulted in a preliminary effects assessment for each built-environment resource in the APE. When alternatives will not diminish the integrity of any of the characteristics that qualify a resource for listing in the NRHP, no adverse effects are anticipated (Tables 4.16-5 and 4.16-6).

Federal Way Segment

As no NRHP-eligible or listed built-environment resources are in the APE of the Federal Way Segment, the Preferred FW Enchanted Parkway and FW Design Option have no potential for long-term effects on NRHP-eligible or listed built-environment resources.

South Federal Way Segment

Nine built-environment resources within the APE of the South Federal Way Segment have been determined NRHP-eligible and are shown in Figures 4.16-5 through 4.16-20 below. Of these, five may be adversely affected by either the SF 99-West or the SF 99-East alternative, with or without the Porter Way Design Option.

Figure 4.16-5. 34726 16th Avenue S, view southeast

Figure 4.16-6. 34726 16th Avenue S, view northwest

Figure 4.16-7. 726 S 356th Street, view northwest

Figure 4.16-8. 726 S 356th Street, view southwest

Figure 4.16-9. School at 36605 Pacific Highway S, view southwest

Figure 4.16-10. Classrooms at 36605 Pacific Highway S, view north

Figure 4.16-11. 36530A Pacific Highway S, courtesy of the King County Assessor

Figure 4.16-12. 36606 Pacific Highway S, courtesy of Redfin.com

Figure 4.16-13. 36903 Pacific Highway S, undated, courtesy of the King County Assessor

Figure 4.16-14. 36903 Pacific Highway S, undated, courtesy of the Redfin.com

Figure 4.16-15. 3700 Pacific Highway S, view southwest

Figure 4.16-16. 3700 Pacific Highway S, view southwest

Figure 4.16-17. 7909 Pacific Highway E, view northwest

Figure 4.16-18. 7909 Pacific Highway E, view west

Figure 4.16-19. 7700 Pacific Highway E, view southeast

Figure 4.16-20. 7700 Pacific Highway E, view south

Constructing the SF 99-West Alternative along the western shoulder of the Pacific Highway within the South Federal Way Segment would result in the partial acquisitions of parcels that include NRHP-eligible buildings; would remove screening trees that shield NRHP-eligible resources including the Montessori Academy at Spring Valley (36605 Pacific Highway S) from Pacific Highway, potentially diminishing the school's integrity of setting; would demolish one NRHP-eligible building (a 1921 residence at 36903 Pacific Highway S); and would require the removal or relocation of significant signage at the Daffodil Motel (7909 Pacific Highway E). Demolition and/or diminishing the integrity of characteristics that qualify a resource for listing in the NRHP constitutes an adverse effect.

Constructing the SF 99-East Alternative along the eastern shoulder and median of the Pacific Highway within the South Federal Way Segment would result in the partial acquisitions of parcels that include NRHP-eligible buildings, would remove screening trees that shield NRHP-eligible resources from Pacific Highway, and would demolish one building that potentially contributes to an NRHP-eligible resource (a ca. 1977 outbuilding at 36530A Pacific Highway S). Demolition and/or diminishing the integrity of characteristics that qualify a resource for listing in the NRHP constitutes an adverse effect.

By contrast, the SF Enchanted Parkway and the SF I-5 alternatives do not have the potential to adversely affect NRHP-eligible built-environment resources as they will not alter any of the characteristics that qualify a resource for listing in the NRHP (Table 4.16-5).

Because the South Federal Way segment includes multiple alternatives and there is currently not a Preferred Alternative, FTA will assess effects to additional built-environment resources after the Sound Transit Board identifies a Preferred Alternative. FTA in coordination with Sound Transit will then consult with SHPO, Tribes, and consulting parties on these effects.

Table 4.16-5 Effects on Built-Environment Resources in the South Federal Way Segment

Resource ID	Name/ Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731955	Denny's Restaurant: 34726 16th Avenue S, Federal Way	1978	Determined NRHP Eligible: Criterion C	SF 99-West Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-West Alternative could construct the light rail track to the rear and approximately 40 feet above the resource, which would add an additional transportation option within a developed commercial area and add supporting columns near the rear of the building. Locating the line to the rear of this building does not diminish any of the characteristics that qualify it for listing.
731955	Denny's Restaurant: 34726 16th Avenue S, Federal Way	1978	Determined NRHP Eligible: Criterion C	SF 99-East Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative could construct the light rail track to the rear and approximately 40 feet. above the resource, which would add an additional transportation option within a developed commercial area and add supporting columns near the rear of the building. Locating the line to the rear of this building does not diminish any of the characteristics that qualify it for listing.
731955	Denny's Restaurant: 34726 16th Avenue S, Federal Way	1978	Determined Eligible: Criterion C	SF Enchanted Parkway Alternative	No Adverse Effect: the Enchanted Parkway Alternative could construct the light rail track to the rear of the resource, although at a greater distance from the building than other alternatives. Locating the line to the rear of this building does not diminish any of the characteristics that qualify it for listing.
731975	Brooklake Community Center: 726 S 356th Street	ca. 1929	Determined Eligible: Criteria A and C	SF 99-West Alternative with or without the Porter Way Design Option	No Adverse Effect
731975	Brooklake Community Center: 726 S 356th Street	ca. 1929	Determined Eligible: Criteria A and C	SF 99-East Alternative with or without the Porter Way Design Option	No Adverse Effect

Table 4.16-5 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/ Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731992, 731994, 731995, 731996, 731998, 731999, 732000, 732001	Montessori Academy at Spring Valley School and Residence: 36605 Pacific Highway S	ca. 1943	Determined Eligible: Criteria A, B, and C	SF 99-West Alternative with or without the Porter Way Design Option	Adverse Effect Possible: While construction impacts would be temporary, the Federal Way SF 99-West Alternative would require partial acquisition and construct a new elevated track along the shoulder of Highway 99, which would remove mature foliage and potentially diminish the school's integrity of setting.
731992, 731994, 731995, 731996, 731998, 731999, 732000, 732001	Montessori Academy at Spring Valley School and Residence: 36605 Pacific Highway S	ca. 1943	Determined Eligible: Criteria A, B, and C	SF 99-East Alternative with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative would be separated from this location by the highway and existing screens of mature foliage would remain.
396993	K.C.J. Stables and Residence: 36530A Pacific Highway S	ca. 1900	Determined Eligible: Criteria A and B	SF 99-West Alternative with or without the Porter Way Design Option	Adverse Effect Possible: The SF 99-West Alternative requires partial acquisition of this parcel, which could result in the removal of screening trees or other features of the resource that qualify it for listing in the NRHP.
396993	K.C.J. Stables and Residence: 36530A Pacific Highway S	ca. 1900	Determined Eligible: Criteria A and B	SF 99-East Alternative with or without the Porter Way Design Option	Adverse Effect Possible: The SF 99-East Alternative requires partial acquisition of this parcel, which could result in the removal of screens of trees or other features that qualify the 1900 residence for listing in the NRHP. Additionally, this alternative demolishes a ca. 1977 outbuilding, which, if it contributes the resource's eligibility, could constitute an adverse effect.
395115	Residence: 36606 Pacific Highway S	1947	Determined Eligible: Criterion C	SF 99-West Alternative with or without the Porter Way Design Option	No Adverse Effect: The SF 99-West Alternative would be separated from this location by the highway and existing screens of mature foliage would remain.
395115	Residence: 36606 Pacific Highway S	1947	Determined Eligible: Criterion C	SF 99-East Alternative with or without the Porter Way Design Option	Adverse Effect Possible: While construction impacts would be temporary, the Federal Way SF 99-East Alternative would construct a new elevated track along the shoulder of Highway 99, which would potentially remove screening trees and diminish the residence's integrity of setting.
395874	Residence: 36903 Pacific Highway S	1921	Determined Eligible: Criterion C	SF 99-West Alternative with or without the Porter Way Design Option	Adverse Effect: The SF 99-West Alternative indicates demolition of an NRHP-eligible building at this location. Demolition constitutes an adverse effect.

Table 4.16-5 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/ Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
395874	Residence: 36903 Pacific Highway S	1921	Determined Eligible: Criterion C	SF 99-East Alternative with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative would be separated from this location by the highway and existing screens of mature foliage would remain.
537584/ 725425	Gethsemane Catholic Cemetery: 37600 Pacific Highway S, Federal Way	1974	Determined Eligible: Criteria A and C	SF 99-West Alternative with or without the Porter Design Option	No Adverse Effect: The SF 99-West Alternative could construct the new light rail line along the western shoulder of Highway 99, which would require alterations to the entrance and exit lanes outside the walls of the cemetery. While the new line would be visible from within the cemetery, it would not diminish any of the characteristics that qualify the resource for listing.
537584/ 725425	Gethsemane Catholic Cemetery: 37600 Pacific Highway S, Federal Way	1974	Determined Eligible: Criteria A and C	SF 99-East Alternative with or without the Porter Design Option	No Adverse Effect: The SF 99-East Alternative could construct the line down a center median of Pacific Highway adjacent to the cemetery, which would require alterations to the entrance and exit lanes outside the walls of the cemetery. While the new line would be visible from within the cemetery, it would not diminish any of the characteristics that qualify the resource for listing.
731901	Daffodil Motel: 7909 Pacific Highway E	ca. 1948	Determined Eligible: Criterion C	SF 99-West Alternative with or without the Porter Way Design Option	Adverse Effect Possible: The SF 99-West Alternative would require partial acquisition and demolition or relocation of signage along the highway, which has the potential to diminish the resource's integrity of setting, design, materials, and workmanship. The effect could be mitigated if the signage is retained or relocated to a nearby location.
731901	Daffodil Motel: 7909 Pacific Highway E	ca. 1948	Determined Eligible: Criterion C	SF 99-East Alternative with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative would be separated from this location by the highway and would not diminish the integrity of any characteristics that qualify the resource for listing.
731933	Commercial Building: 7700 Pacific Highway E	1978	Determined Eligible: Criterion C	SF Enchanted Parkway Alternative	No Adverse Effect: The SF Enchanted Parkway Alternative would add an additional transportation option within a transportation corridor, which would be a compatible use and would not diminish any characteristics that qualify the resource for listing.
731933	Commercial Building: 7700 Pacific Highway E	1978	Determined Eligible: Criterion C	SF I-5 Alternative	No Adverse Effect: The SF I-5 Alternative would add an additional transportation option within a transportation corridor, which would be a compatible use and would not diminish any characteristics that qualify the resource for listing.

Table 4.16-5 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/ Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731933	Commercial Building: 7700 Pacific Highway E	1978	Determined Eligible: Criterion C	SF 99-West and SF 99-East alternatives with Porter Design Option	No Adverse Effect: The Porter Design Option, whether paired with the SF 99-East or SF 99-West alternative, could construct the light rail track to the rear (one parcel west and southwest) of this resource. However, locating the line to the rear of this building does not diminish any of the characteristics that qualify the resource for listing.

Fife Segment

Two built-environment resources within the APE of the Fife Segment are determined eligible for listing in the NRHP.

All alternatives in the Fife Segment have the potential to have permanent long-term adverse effects on a residential built-environment resource at 1309 62nd Avenue E (Figures 4.16-21 and 4.16-22) because the building will need to be demolished under all alternatives. Physical destruction of this property results in an adverse effect under Section 106. The 54th Avenue and 54th Span design options would not change the potential effects in the Fife Segment.

The Fife Pacific Highway Alternative also has the potential to have long-term effects on the Pick-Quick Drive In at 4306 Pacific Highway E (Figures 4.16-23 and 4.16-24). This alternative would encroach upon the parcel and require demolition of the building, which constitutes an adverse effect. The Fife Median Alternative does not have the potential to adversely affect the resource.

Figure 4.16-21. 1309 62nd Avenue E, view east

Figure 4.16-22. 1309 62nd Avenue E, with Garage to the East, view southeast

Figure 4.16-23. 4306 Pacific Highway E, view southwest

Figure 4.16-24. 4306 Pacific Highway E, view southeast

The Fife Median Alternative elevated guideway would be approximately 16 feet above the center lane of the Pacific Highway, leaving two lanes of east-bound traffic and a public sidewalk between the Pick-Quick Drive In's parcel and the guideway. Realignment of Pacific Highway to accommodate the elevated guideway would require acquisition of a small amount of the Pick-Quick Drive In to adjust the sidewalk and driveway entrance. The light rail structure would be at such a height and at such a distance from the Pick-Quick building that this alternative would not screen the building from view, directly affect the building or its surrounding parcel, or disrupt traditional transportation routes to and from Pacific Highway, thereby maintaining public access to the Pick-Quick building. Sound Transit would follow the policies described in Section 4.1, Acquisitions, Displacements, and Relocations, to compensate affected business owners for land converted for transportation purposes and restore any landscaped areas disturbed as part of the project. As proposed, the Fife Median Alternative would not adversely affect the character-defining features that qualify the property for inclusion in the NRHP. While the alternative would add an element to the building's setting, the effect would not be adverse, as the building's relationship with the air space above Pacific Highway is not a characteristic that qualifies it for listing in the NRHP. The alteration to the resource's setting would not constitute an adverse effect.

The Fife I-5 Alternative would avoid adverse effects to the Pick-Quick building, as the guideway would be more than one block (roughly 500 feet) to the rear of this property and along the border of I-5, away from Pacific Highway. When alternatives will not diminish the integrity of any of the characteristics that qualify a resource for listing in the NRHP, no adverse effects are anticipated (Table 4.16-6).

As described above, the house at 1309 62nd Avenue E would be adversely affected by all alternatives within the Fife Segment. FTA determined and SHPO concurred that the project would have an adverse effect to this property. Other portions of this segment include built environment resources that would be adversely affected by one or more, but not all, alternatives. These resources are in portions of the Fife Segment where there is not currently a Preferred Alternative. FTA will assess impacts to additional built-environment resources after the Sound Transit Board identifies a Preferred Alternative. FTA in coordination with Sound Transit will then consult with SHPO, Tribes, and consulting parties on these effects.

Table 4.16-6 Effects on Built-Environment Resources in the Fife Segment

Resource ID	Name/Address	Build Date	NRHP Eligibility Determinations and Criteria	Alternative	Preliminary Effects Recommendation
31927	Residence: 1309 62nd Avenue E, Fife	1900	Determined Eligible: Criteria A and/or B or C	All Fife Segment alternatives	Adverse Effect based on demolition
29547	Pick-Quick Drive In: 4306 Pacific Highway E, Fife	1950	Determined Eligible: Criteria A and C	Fife Pacific Highway Alternative	Adverse Effect based on demolition
29547	Pick-Quick Drive In: 4306 Pacific Highway E, Fife	1950	Determined Eligible: Criteria A and C	Fife Median Alternative	No Adverse Effect
29547	Pick-Quick Drive In: 4306 Pacific Highway E, Fife	1950	Determined Eligible: Criteria A and C	Fife I-5 Alternative	No Adverse Effect

Tacoma Segment

Fifteen built-environment resources in the APE of all Tacoma Segment alternatives are either listed or eligible for listing in the NRHP. Resources surveyed for TDLE and determined NRHP-eligible are visible in Figures 4.16-25 through 4.16-44 below. Of the 14 resources, 12 are located outside the construction footprint for all alternatives and would not be physically altered. The remaining resources, the Northern Pacific Railway/BNSF and the Puyallup River levees, are partially located within the APE and may be minimally affected by construction at the proposed Puyallup River Crossing. However, the project will not adversely affect any characteristics that qualify them for listing in the NRHP and the great majority of the railroad corridors and levee system are located outside the APE and would remain unaltered. Additionally, alteration to the levees within the APE would not be visible once construction was complete and the levees repaired in-kind.

Changes to the settings of the built-environment resources would also be minimized because most are more than a block away from any of the proposed stations and tracks for the alternatives. This includes the three eligible bridges that carry historic associations with Tacoma's transportation development and feature views north to the Puget Sound. These setting characteristics would remain with any of the alternatives, including the historic-period associations (visual, circulatory) the bridges have with the surrounding historic transportation network. Apart from the levees, which are located along a river already crossed by multiple roadway and rail bridges, the only resource within a block of new construction is Engine House 4, which is approximately 16 feet away from proposed construction. Based on the proposed plans, which indicate that the guideway will be about four stories above Engine House No. 4 and 16 feet away from the building and will not adversely affect any of the characteristics that qualify Engine House No. 4 for listing in the NRHP (Table 4.16-7).

Figure 4.16-25. BNSF Rail from I-5, West Bank of the Puyallup River, view north

Figure 4.16-26. BNSF Rail and Bridge from I-5, West Bank of the Puyallup River, view south

Figure 4.16-27. Residence at 1320 E 26th Street, view south

Figure 4.16-28. Residence at 1320 E 26th Street, view southeast

Figure 4.16-29. Residence at 1112 E 26th Street, view southwest

Figure 4.16-30. Residence at 1112 E 26th Street, view southeast

Figure 4.16-31. Residence at 1106 E 26th Street, view southwest

Figure 4.16-32. Residence at 1106 E 26th Street, view southeast

Figure 4.16-33. BNSF Freight Warehouse at 603–605 Puyallup Avenue, View Northwest

Figure 4.16-34. BNSF Freight Warehouse at 603–605 Puyallup Avenue, View Northeast

Figure 4.16-35. Puyallup River Levees, view north from the I-5 bridge

Figure 4.16-36. Puyallup River Levees, view south from the I-5 bridge

Figure 4.16-37. Commercial Building at 101 E 26th Street, Facade and East Elevation, view northwest

Figure 4.16-38. Commercial Building at 101 E 26th Street, Undated, view northwest, courtesy of the Department of the Interior

Figure 4.16-39. Commercial Building at 102 S 26th Street, Facade and West Elevation, view southeast

Figure 4.16-40. Commercial Building at 102 S 26th Street, East Elevation, view west

Figure 4.16-41. Almond Roca Factory at 110 E 26th Street, view southwest

Figure 4.16-42. Original Brown and Haley Factory at 110 E 26th Street, 1948, courtesy of Tacoma Public Library

Figure 4.16-43. Pavilion at 102 E 26th Street, view southwest

Figure 4.16-44. Pavilion at 102 E 26th Street, view southeast

Table 4.16-7 Effects on Built-Environment Resources in the Tacoma Segment

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
536705	Residence, 1320 E 26th Street, Tacoma	1914	Determined Eligible: Criterion C	All Tacoma Segment alternatives	No adverse effect
721797	Residence, 1112 E 26th Street, Tacoma	1903	Determined Eligible: Criterion C	Tacoma Close to Sounder and 26th Street alternatives	No adverse effect
516320	Residence, 1106 E 26th Street, Tacoma	1903	Determined Eligible: Criterion C	Tacoma Close to Sounder and 26th Street alternatives	No adverse effect
32815	BNSF Freight Warehouse, 603-605 Puyallup Avenue, Tacoma	1950	Determined Eligible: Criteria A and C	Tacoma: 25th Street-West and 25th Street-East alternatives	No adverse effect
722117	Puyallup River Levees	1950	Determined Eligible: Criterion A	All Tacoma Segment alternatives	No adverse effect
31231	Milwaukee Railroad-Puyallup River Bridge, Tacoma (railroad crossing)	1910	Determined Eligible: Criteria A and C by FHWA (2009)	All Tacoma Segment alternatives	No adverse effect
31786	Puyallup River Bridge, Tacoma (Pacific Highway E crossing)	1927	Determined Eligible: criteria undetermined by FHWA (2013)	All Tacoma Segment alternatives	No adverse effect
90499	East 21st Street Bridge, Tacoma (Lincoln Avenue crossing)	1929	Determined Eligible: criteria undetermined by FHWA (2008)	All Tacoma Segment alternatives	No adverse effect
722131	Northern Pacific Railway/BNSF	ca. 1873	Determined Eligible: Criterion A	All Tacoma Segment alternatives	No adverse effect
31673	Engine House 4 – Tacoma Fire Station No. 4, 220-224 E 26th Street, Tacoma	1910	Listed in the WHR and NRHP in 1984	All Tacoma Segment alternatives	No adverse effect

Table 4.16-7 Effects on Built-Environment Resources in the Tacoma Segment (continued)

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
31674	Commercial building, 101 E 26th Street, Tacoma	1909	Determined Eligible: Criteria A and C	All Tacoma Segment alternatives	No adverse effect
536748	Commercial building, 102 S 26th Street, Tacoma	1937	Determined Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect
536754	Commercial building, 110 E 26th Street, Tacoma	1920	Determined Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect
722335	Commercial building, 102 E 26th Street, Tacoma	1962	Determined Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect

4.16.5.7 Construction Impacts on Built-Environment Resources for the Build Alternatives

Construction-related impacts to built-environment resources can be caused by several factors, including, but not limited to, restricted access, increased truck traffic along haul routes, glare, noise, vibration, and temporary changes to setting. These factors can lead to reduced commercial activity and reduced investment in historic resources. Typically, these impacts would not be considered adverse effects under Section 106 of the National Historic Preservation Act unless they diminish the characteristics that contribute to a historic property's National Register eligibility.

Federal Way Segment

As there are no NRHP-eligible or listed built-environment resources in the APE for the Federal Way Segment, there is, therefore, no potential for construction-related effects on NRHP-listed or eligible built-environment resources.

South Federal Way Segment

Short-term, construction-related effects are possible based on the close proximity of construction and temporary construction easement needs, which could restrict public access, lead to increased noise and vibration, and limit economic, spiritual, or educational activities at commercial, religious, and educational resources, including the Denny's Restaurant at 34726 16th Avenue S, the Gethsemane Cemetery at 37600 Pacific Highway S, the Montessori Academy at Spring Valley at 36605 Pacific Highway S, and the Daffodil Motel at 7909 Pacific Highway E (the SF 99-West Alternative), the K.C.J. stables at 36530A Pacific Highway S (the SF 99-East Alternative), and the commercial showroom at 7700 Pacific Highway E (the SF Enchanted Parkway Alternative, the SF I-5 Alternative, and the Porter Design Option, paired with either the SF 99-West Alternative or the SF 99-East Alternative). These short-term construction-related impacts are not anticipated to result in adverse effects.

Fife Segment

The Fife Median Alternative could have temporary construction effects on the Pick-Quick Drive In (4306 Pacific Highway E). These effects would result from the close proximity of construction and

temporary construction easement needs, which could restrict public access, lead to increased noise and vibration, and limit economic activity for the business. These short-term construction-related impacts are not anticipated to result in adverse effects.

Tacoma Segment

No adverse effects are anticipated for the Preferred Tacoma 25th Street-West, Tacoma 25th Street-East, or Tacoma Close to Sounder alternatives. Short-term construction impacts due to the close proximity of construction and temporary construction easement needs for the Tacoma 26th Street Alternative is expected to occur at Engine House 4, which could limit public access, lead to increased noise or vibration, and limit economic activity for businesses. These short-term construction-related impacts are not anticipated to result in adverse effects.

4.16.5.8 Indirect Impacts on Built-Environment Resources

Indirect effects of TDLE may include increased population, transportation, and commercial and economic activity in the area, including associated public infrastructure, retail, residential, or industrial construction projects that occur over time after the project is operating. These urban development pressures may be higher near station areas, where the economic and mobility benefits of light rail would be most apparent. Other urban development activities may impact historic-period, built-environment resources either through potential redevelopment of historic properties or through changes to their surrounding settings that add up over time. Indirect impacts associated with increased development may be minimal, depending on their context. For example, the NRHP-eligible built-environment resources in the South Federal Way Segment are located along Pacific Highway, which is a main arterial. While the addition of a light rail line will add transportation options within the transportation corridor, those uses will be compatible with existing transportation uses, and any resulting growth will likely be consistent with historic patterns. Highway traffic may increase or decrease over time. Because no stations are proposed within the vicinity of NRHP-eligible resources, the addition of a light rail line may not greatly alter patterns of use and development in the area along the South Federal Way Segment. Similarly, most of the NRHP-eligible or listed historic-period, built-environment resources in Tacoma and Fife have long been defined by their location along a growing transportation corridor associated with the Port of Tacoma, the transcontinental railroad, and roadways linking Tacoma and Seattle. These areas have been through numerous periods of development and change and do not retain high integrity of setting, are not home to NRHP-listed historic districts, and are not noteworthy for their cohesive architectural character. Those resources that have been found eligible in recent years, and those that were determined eligible for TDLE, are located within heavily altered settings and will remain eligible if the transportation corridor with which they are associated continues to evolve over time in association with the construction of TDLE.

Avoidance and Minimization of Impacts

Potential impacts to archaeological and built-environment resources would be controlled through project planning, design, and the application of required best management practices during construction and operation. Construction of the proposed project may result in temporary impacts due to reduced access or general construction activity. Measures presented in Chapter 3, Transportation Environment and Consequences; Section 4.7, Noise and Vibration; Section 4.5, Visual and Aesthetics; and Section 4.1, Acquisitions, Displacements, and Relocations, will minimize these impacts.

4.16.6 Potential Mitigation Measures

Archaeological Resources

The project will result in an adverse effect to one NRHP-eligible archaeological site (45PI1557) and has the potential for adverse effects to an additional two NRHP-eligible archaeological resources and one potentially NRHP-eligible archaeological resource. As noted above, additional adverse effects may be identified through further consultation and project design progression. The project is in areas with high to very high potential for encountering archaeological resources and human remains. In order to assess these risks, Sound Transit anticipates engaging in additional preconstruction archaeological investigations. It is likely that these investigations will be phased as a result of the property acquisition process. Investigations will likely focus on specific areas of concern within each segment. Sound Transit, in coordination with FTA will develop an investigation and treatment plan that identifies specific areas where investigations will be focused. FTA and Sound Transit will consult with the Puyallup Tribe of Indians, the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, the Yakama Nation, SHPO, and other consulting parties to develop and review the plan. If precontact or historic-period archaeological sites are encountered, FTA and Sound Transit will consult with affected Tribes, SHPO, and other consulting parties about eligibility for listing in the NRHP, project effects, necessary mitigation, and/or other treatment measures.

To resolve identified adverse effects, FTA and Sound Transit, in consultation with affected Tribes, SHPO, and other interested parties, will prepare a Section 106 Programmatic Agreement, as per 36 CFR 800.6 and 800.14. A draft Section 106 Programmatic Agreement is included in Appendix J5, Historic and Archaeological Resources Technical Report. Consultation on this agreement will continue throughout the remainder of the environmental review process and will be executed prior to FTA's issuance of a Record of Decision. The agreement will include appropriate measures to resolve the adverse effects to the eligible resources. Examples of mitigation measures include, but are not limited to, modifying the undertaking through redesign, reorientation, or other similar changes, implementing data recovery of archaeological information and materials, preparing a National Register nomination for an archaeological site, and preparing an ethnographic study. An archaeological resources monitoring and treatment plan and an unanticipated discovery plan will be prepared to guide archaeological monitoring work before and during construction.

Built-Environment Resources

To resolve adverse effects, FTA, SHPO, and Sound Transit, in consultation with the cities of Federal Way and Fife as well as other consulting parties, will prepare a Section 106 Programmatic agreement document. A draft programmatic agreement, which sets out the procedure for consultation, review, and compliance, is included as an attachment to Appendix J5, Historic and Archaeological Resources Technical Report. The agreement will include appropriate mitigation measures to resolve the adverse effects to the eligible resources. Examples of mitigation measures include, but are not limited to, preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination (DAHP 2020). As described above, consultation on this agreement will continue throughout the remainder of the environmental review process and will be executed prior to FTA's issuance of a Record of Decision.

4.17 Parks and Recreational Resources

4.17.1 Introduction to Resource and Regulatory Requirements

The purpose of this section is to identify and evaluate the impacts of TDLE on parks and recreational resources, including designated public parks and open spaces, trails, and other publicly owned and publicly accessible lands that support recreational activities. The analysis considers how the project could affect the use or enjoyment of existing and planned parks and recreation resources, including long-term operational impacts, short-term construction impacts, and potential direct, and indirect impacts of project alternatives.

Impacts on parks and recreational resources are also evaluated under two federal statutes: Section 6(f) of the 1965 Land and Water Conservation Fund Act and Section 4(f) of the U.S. Department of Transportation Act of 1966. Additionally, records were reviewed to identify if the project would change or convert any properties directly funded by the Washington State Recreation and Conservation Office (RCO). Discussion of potential Section 6(f) resources and RCO properties is included in Section 4.17.4. The Section 4(f) resources are evaluated in Section 4.18.

4.17.2 Affected Environment

The study area includes existing and planned parks, trails, recreation sites, dedicated open space areas, and adjacent public rights-of-way used to access those facilities within 250 feet of the project footprint and area used for construction and 0.5 mile from each potential station location. Recreational uses in the study area include a wide range of activities, such as walking, biking, fishing in the Puyallup River, and the passive enjoyment of open space. Table 4.17-1 identifies each park and recreational resource within the study area, which are shown by segment on Figures 4.17-1 through 4.17-4 and described below.

Table 4.17-1 Parks, Open Space, and Recreational Resources in the Study Area

Park Facility	Location and Access	Recreational Uses	Size
Federal Way Segment			
Cedar Grove Park	S 333rd Street Federal Way	Neighborhood park with picnic facilities, play equipment, paved trails, basketball court, and grassy open space	2.7 acres
South Federal Way Segment			
Brooklake Park	S 356th Street Federal Way	Natural area, trail, small lake, adjacent to West Hylebos Wetlands	4.5 acres
West Hylebos Wetlands Park	S 348th Street Federal Way	Natural area, trails	99.8 acres
Hylebos Wetlands (North)[1]	S 359th Street Federal Way	Natural area	47.5 acres
Spring Valley Open Space[1]	Pacific Highway Federal Way	Natural area, wetlands, and open space	44.8 acres
West Hylebos Basin Open Space (North)[1]	Pacific Highway Federal Way	Natural area	22.4 acres
Hylebos Wetlands (South)[1]	1st Avenue S	Natural area and wetlands (mitigation area designated by the Commencement Bay Natural Resource Damage Assessment)	32.8 acres

Table 4.17-1 Parks, Open Space, and Recreational Resources in the Study Area (continued)

Park Facility	Location and Access	Recreational Uses	Size
West Hylebos Basin Open Space (South) [1]	Pacific Highway Federal Way	Natural area	9.0
West Hylebos Osaka Property	Pacific Highway Milton	Public conservation area, public access to Hylebos Creek	1.7 acres
Fife Segment			
Hylebos Nature Area and Trail	8th Avenue E Fife	Natural area with trails through the Hylebos wetlands, with a picnic area and restroom.	16.7 acres
Interurban Trail connection and spuyaləpabš Trail[2] (Planned)	Vicinity of Wapato Way E and 20th Street E to the western Fife city limit near the Puyallup River	Shared-use path connecting the Interurban Trail to the spuyaləpabš Trail that is planned to connect Puyallup, Fife, and downtown Tacoma. The connection to the Interurban Trail and a short section of the path across the Wapato Way E Bridge has been constructed as part of WSDOT's SR 167 Completion Project.	4 miles (of 7-9 miles total project)
Ellenswood Conservancy	12th Street E Fife	Undeveloped site	1.3 acres
Cappa Park (Planned)	3812 Pacific Highway East Fife	Undeveloped property, subject to current park planning process (Fife 2022 Parks, Recreation, and Open Space Plan)	4.2 acres
Fife Aquatic Center and Colburn Park	20th Street E Fife	Public swimming pool and adjacent playground	2.1 acres
Fountain Memorial Park	54th Avenue E and 20th Street E Fife	Small green space, fountain, and park benches	0.8 acres
Tacoma Segment			
First Creek Park (Planned)	Southwest of the roundabout at East S Street, E 30th Street, and E 29th Street Tacoma	Planned to include green space, landscaping, walking path, play area	Less than 1 acre
spuyaləpabš Trail[2] (Planned)	Downtown Tacoma (along Puyallup Avenue between the Thea Foss Esplanade and Puyallup River)	Shared-use path connecting Tacoma to Fife, the Interurban Trail, and Puyallup. In Tacoma, the path is part of the city's Puyallup Avenue Complete Streets project and connects to the Thea Foss Esplanade	1.2 miles (of 7-9-mile total project)
McKinley Park and Upper Park Trail	Upper Park Street Tacoma	Green space, pond, paths, dog park, and two playgrounds	24.6 acres
Waterway Park (Planned)	East D Street Tacoma	Existing water access for human-powered watercraft, planned amenities, including open space, park benches, walking paths, and possibly a community building that would include a tribal exhibit	5.4 acres

Table 4.17-1 Parks, Open Space, and Recreational Resources in the Study Area (continued)

Park Facility	Location and Access	Recreational Uses	Size
Foss Waterway Public Esplanade and 21st Street Park	S 4th Street at Thea's Park Tacoma	Multiuse path along the east side of Foss Waterway and small grassy area with benches, eventually planned to connect Thea's Park and the planned Waterway Park	1.9 miles
Don Pugnetti Park	Pacific Street and 21st Street	Green space, landscaping, park benches	0.5 acre
Water Flume Line Trail	S 25th Street	Multiuse path along South Tacoma Way	3.5 miles

Sources: City of Federal Way Parks, Recreation and Open Space Plan Recommendation (May 2019); City of Fife Parks, Recreation and Open Space Plan (February 2022); Cappa Park Site Master Plan Summary Report (September 2022); Metropolitan Park District of Tacoma 2024-2030 System and Strategic Plan (July 2024); and Foss Waterway Park Final Management and Operations Plan (November 2019).

Notes:

(1) Collectively referred to as Spring Valley Vista Open Space. The City of Federal Way has begun some preliminary planning for a potential trail network connecting these City-owned parcels along the West Hylebos.

(2) The spuyaləpabš Trail was previously called the Tacoma to Puyallup Regional Trail during the planning process for the trail.

4.17.3 Environmental Impacts

4.17.3.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). The No-Build Alternative would not affect any park or recreational resource in the study area.

4.17.3.2 Long-Term Impacts for the Build Alternatives

Direct long-term impacts typically include permanent changes to a resource, such as converting a park or recreational resource to another use. All the existing parks and recreational resources within the TDLE study area are outside the permanent project footprint. TDLE would make no physical changes to any existing park or recreational resource. However, with some alternatives, some elevated track and columns would be located adjacent to or in open space and natural areas. Elevated track and columns would add a new visual element and columns would create a physical obstruction on some portion of the property.

A portion of the SF 99-West Alternative would be on the West Hylebos Basin Open Space (North) and Hylebos Wetlands (South), and that alignment would be adjacent to the Hylebos Wetlands (North) and West Hylebos Open Space (South) to the east. A portion of the SF 99-East Alternative would be located on the Hylebos Wetlands (North) and the West Hylebos Open Space (North). A portion of the SF 99-West Porter Way Design Option would cross a small portion of the West Hylebos Osaka Property.

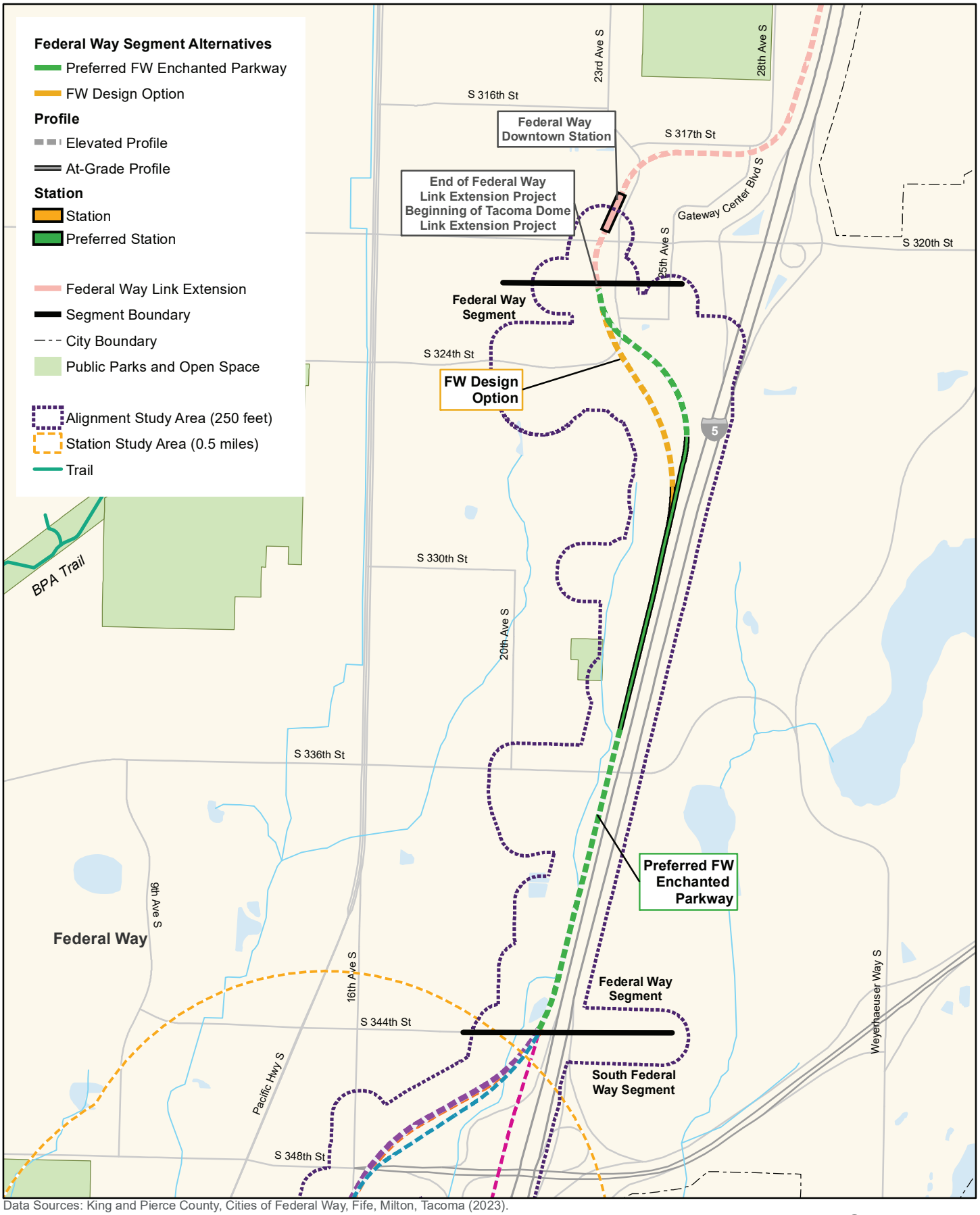

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 4.17-1

Public Parks, Open Spaces, and Recreational Resources
Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

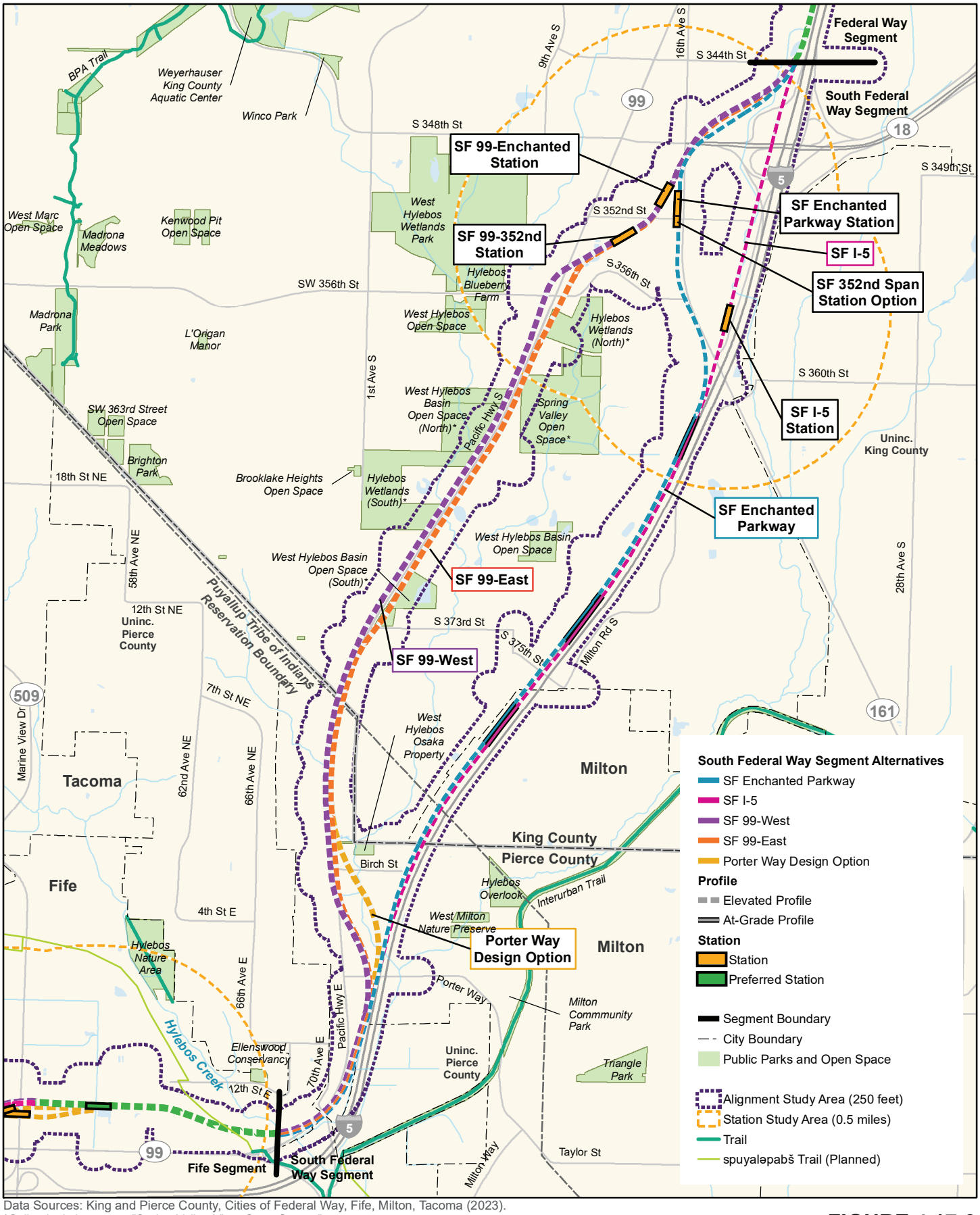

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
*Collectively known as "Spring Valley Vista Open Space."

N

0 0.5 1 Mile

FIGURE 4.17-2

Public Parks, Open Spaces, and Recreational Resources
South Federal Way Segment

Tacoma Dome Link Extension

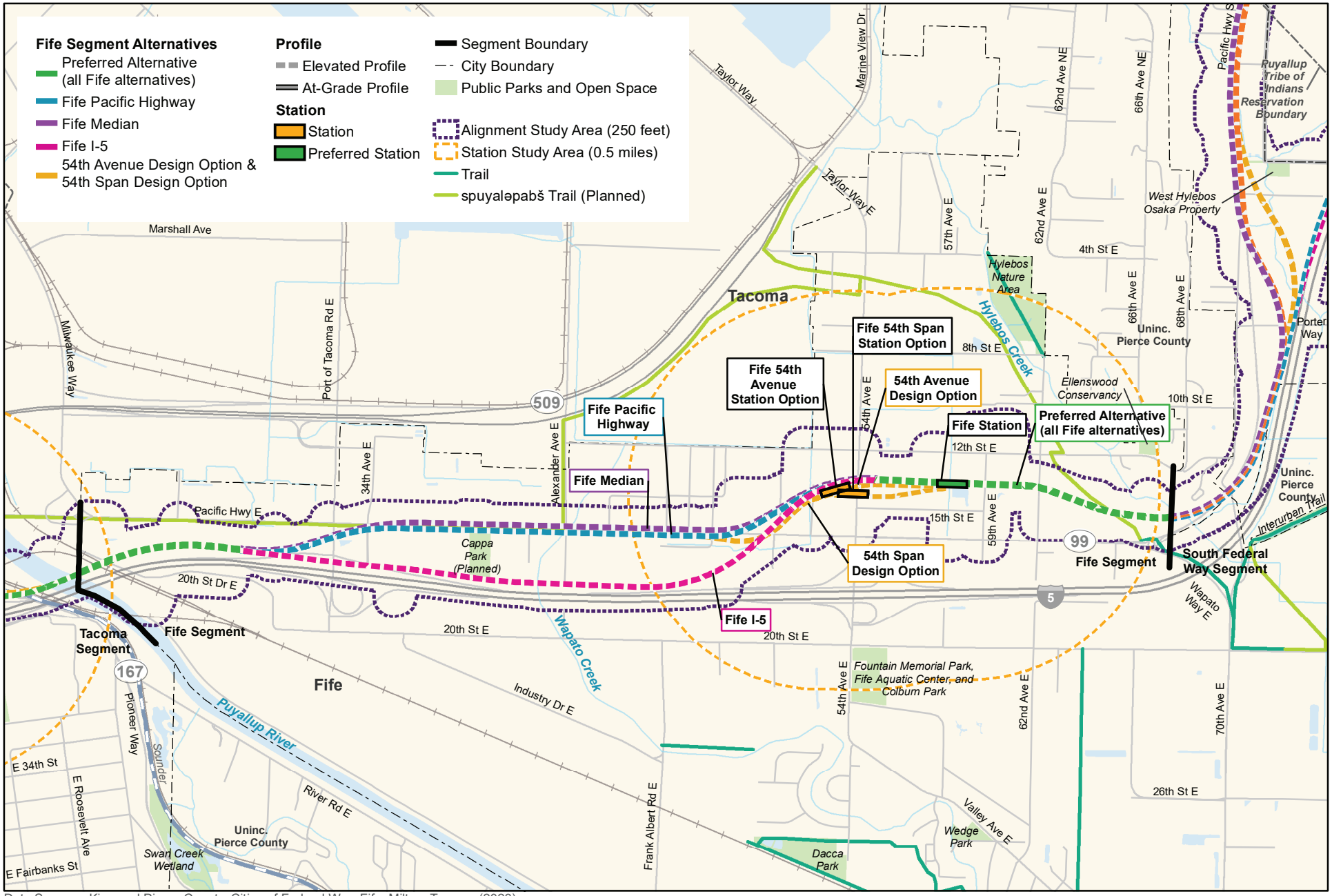

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.17-3

Public Parks, Open Spaces, and Recreational Resources
Fife Segment

Tacoma Dome Link Extension

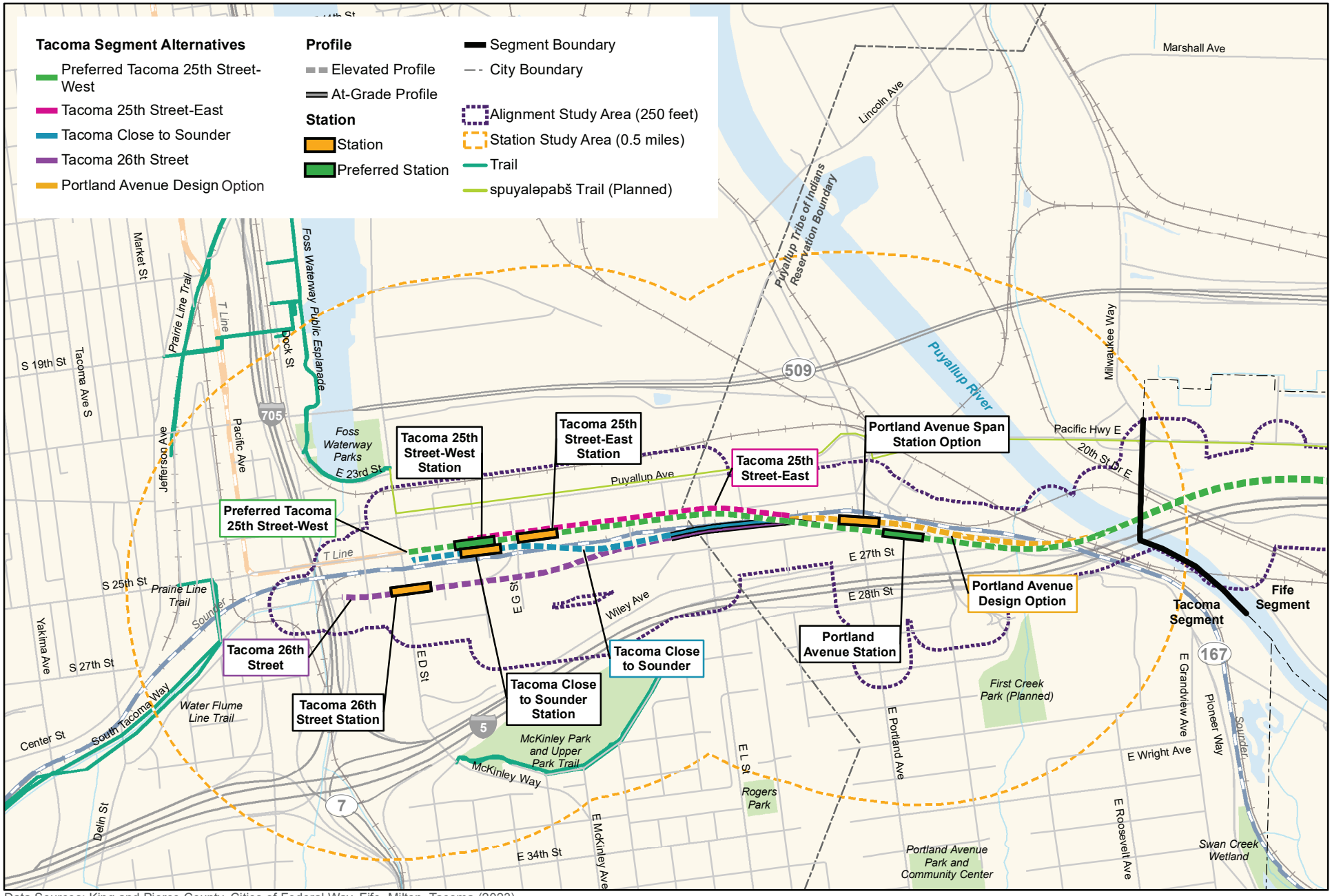

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.17-4

Public Parks, Open Spaces, and Recreational Resources
Tacoma Segment

Tacoma Dome Link Extension

All of the alternatives in the Fife Segment would include columns and an elevated guideway along the property line of the planned Cappa Park; the Fife I5 Alternative would impact the south edge and the Fife Median and Fife Pacific Highway alternatives would impact the north edge of the planned park property. No timeline for development of the proposed park has been determined, nor has the proposed use or configuration of the property. Sound Transit would continue to coordinate with the City of Fife to minimize impacts as the planning for Cappa Park moves forward. There would be no additional direct impacts to any existing park, open space, or recreational resources from operations.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way or the M.O.S. to the station in Fife, like the full build alternatives, would have no direct impacts to existing parks within the TDLE study area. Impacts to the planned Cappa Park would be avoided until the full build alternative is constructed.

4.17.3.3 Construction Impacts for the Build Alternatives

Common temporary construction impacts include impacts to access due to detours and street or lane closures, increased congestion caused by construction traffic, or dust and noise. For parks and recreational resources near construction activities, access could be affected by detours and street or lane closures, and by increased congestion caused by construction traffic. These types of construction impacts may occur in the Federal Way Segment with the Preferred FW Enchanted Parkway, which would require some utility relocations on S 333rd Street — the street used to access Cedar Grove Park. During that work, access to Cedar Grove Park from the east may be affected through detour or lane closure, but access from the west would be maintained. In the Fife Segment, temporary construction would also occur on the planned Cappa Park with any of the alternatives. If the planned park is constructed prior to TDLE, potential construction impacts could include impacts to access or some dust or noise related to the placement of columns and elevated guideway. Construction in the Fife and Tacoma segments could require temporary closure or detours to the spuyaləpabš Trail connection (previously called the Tacoma to Puyallup Regional Trail during planning), if that project is constructed before TDLE.

Avoidance and Minimization of Impacts

For any potential construction impacts that would not involve physical changes to a park or recreational facility, Sound Transit would coordinate with appropriate jurisdictions and facility operators to maintain access to parks. Sound Transit would implement outreach to the public to provide information on temporary roadway closures or detours, on-site signage describing the duration and type of temporary construction activities, detour signage, temporary ADA improvements (for example, temporary curb ramps for detour routes that do not currently include curb ramps for existing sidewalks), and similar strategies to ensure the continued use and enjoyment of affected park facilities. Sound Transit would incorporate these measures into construction plans and specifications as applicable.

Potential permanent impacts to the Cappa property could require additional mitigation and is discussed further in Section 4.18.

4.17.3.4 Indirect Impacts

Indirect impacts could include changes to access or changes to surroundings and user experiences. TDLE could improve access to parks and recreational activities, particularly to the planned Waterway Park that would be within walking distance of several of the potential Tacoma Dome station locations. The remaining parks and recreational facilities in the study

area are all more than 0.25 mile from proposed light rail stations, so they are less likely to be indirectly impacted, but they may benefit from improved access due to the nonmotorized and other street improvements being implemented as part of TDLE.

4.17.4 Section 6(f) Resources and RCO Properties

The Land and Water Conservation Fund (LWCF) provides funds for acquiring or developing parks and recreation areas intended to safeguard natural areas, water resources, and cultural heritage and to provide recreational opportunities. Section 6(f) of the LWCF Act prohibits conversion of properties developed with funding from the LWCF to a nonrecreational purpose, without the approval of the U.S. Department of the Interior's National Park Service.

Similar to Section 6(f), documentation and consultation are also required to approve any changes to or conversion of properties directly funded by the RCO. Sound Transit reviewed project records on RCO's PRISM database (RCO 2020).

The following Section 6(f) or RCO-funded properties were identified within the TDLE study area, including:

- North Fork West Hylebos Creek (Federal Way) – A project that removed an existing 18-inch culvert and restored a stream channel at S 359th Street.
- Puyallup River Watershed Revegetation (Pierce County) – A project that established or improved riparian buffers along streams in the Puyallup River Watershed.
- Birch Street Barrier Removal (Milton) – A project that removed a barrier culvert located on Birch Street and the west fork of Hylebos Creek and replaced it with a new structure that provides fish passage.
- Thea Foss – 21st Street Park (Tacoma) – A project that completed the initial phase of the Thea Foss Waterway Public Esplanade and provided 2.5 acres of waterfront park space for esplanade walkways, benches, picnic areas, green space, landscaping, and parking.
- Waterway Park Kayak Float (Tacoma) – A project that installed a pier and canoe and kayak boat launch on the Thea Foss Waterway at E 21st Street. Future development would provide a new water access facility, a shoreline esplanade, and possibly a community building and tribal cultural exhibits (the future development described here is being planned as the Waterway Park, described in Section 4.17.2, Tacoma Segment).

Although these properties are located within the 0.5-mile study area, they are more than 0.25 mile from all project elements for all alternatives. No impacts to any Section 6(f) or RCO-funded properties under any of the build alternatives are anticipated because the project would not have a direct or indirect conversion of any RCO-funded properties.

4.17.5 Potential Mitigation Measures

No mitigation beyond the avoidance and minimization measures described above would be anticipated for construction impacts. Potential mitigation for any permanent impacts is discussed further in Section 4.18.

4.18 Section 4(f) Evaluation Summary

This section summarizes the evaluation in Appendix D, Draft Individual Section 4(f) Evaluation, which provides the documentation necessary to support determinations required to comply with the provisions of Section 4(f) of the Department of Transportation Act of 1966, as amended (codified in 49 U.S.C. 303, implemented by 23 CFR Part 774).

What is Section 4(f)?

Section 4(f) is a federal statute intended to protect significant publicly owned parks, recreation areas, and wildlife or waterfowl refuges, as well as any publicly or privately owned historic site listed or eligible for listing on the National Register of Historic Places.

FTA may not approve the use of a Section 4(f) property, unless there is no "feasible and prudent alternative to the use of land from the property and the action includes all possible planning to minimize harm to the property resulting from the use."

A Section 4(f) use is generally defined as an activity that permanently or temporarily incorporates land from a Section 4(f) property or that substantially impairs the important activities, features, or attributes that qualify the property as a Section 4(f) resource (23 CFR 774.17).

4.18.1 Study Area

The study area for the TDLE Section 4(f) evaluation includes the study area used for the parks and recreational resources analysis in Section 4.17, which included the areas within 250 feet (about one block) from the light rail alignment and station footprint, and the area of potential effects (APE) for historic and archaeological resources, established in accordance with Section 106 of the National Historic Preservation Act (discussed in Section 4.16). The study area and properties that have been identified as potential Section 4(f) resources are shown on Figures 4.18-1 through 4.18-4. FTA and Sound Transit will continue to consult with the State Historic Preservation Officer and other consulting parties regarding the APE.

4.18.2 Section 4(f) Resources in the TDLE Study Area

The Section 4(f) resources in the study area are summarized in Table 4.18-1 and shown on Figures 4.18-1 through 4.18-4.

Table 4.18-1 Summary of Section 4(f) Resources in the TDLE Study Area

Segment	Number of Park/Recreation Resources	Number of Historic and Archeological Resources
Federal Way	1	0
South Federal Way	1	10
Fife	1	2
Tacoma	0	15

There are two planned trails within the study area, the Interurban Trail connection and the spuyaləpabš Trail (previously called the Tacoma to Puyallup Regional Trail during the planning process for the trail), that are used by both commuters and recreationists and have been determined to be part of the transportation system and function primarily for transportation. Therefore, these trails are not subject to Section 4(f) protection pursuant to 23 CFR 774.13(f)(4). In the South Federal Way Segment, there are several properties owned by the City of Federal Way along Pacific Highway (Hylebos Wetlands (North), Spring Valley Open Space, West Hylebos Basin Open Space (North), Hylebos Wetlands (South), and West Hylebos Basin Open Space (South)), that are collectively referred to as Spring Valley Vista Open Space. As described in Appendix D, Individual Section 4(f) Evaluation, FTA determined that the Spring Valley Vista Open Space does not qualify as a Section 4(f) resource because it has not been officially designated as park or recreation area or as a wildlife or waterfowl refuge, nor does it include recreation uses, or conservation, restoration, or management of wildlife and waterfowl resources as its primary purpose.

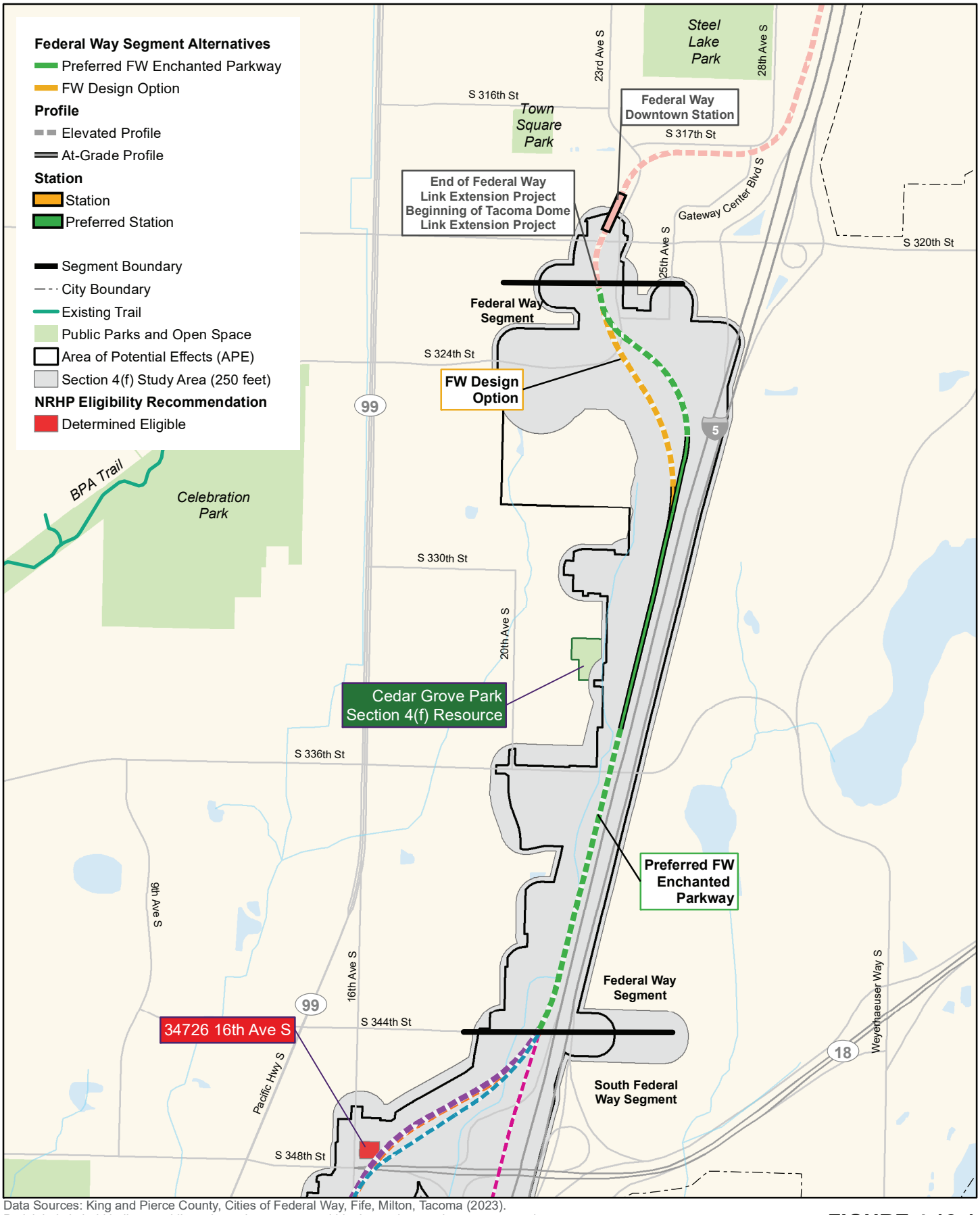

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Park labels in bold indicate public parks and open space within the study area that are assumed to qualify as Section 4(f) properties.

N

0 0.5 1 Mile

FIGURE 4.18-1
Section 4(f) Resources
Federal Way Segment

Tacoma Dome Link Extension

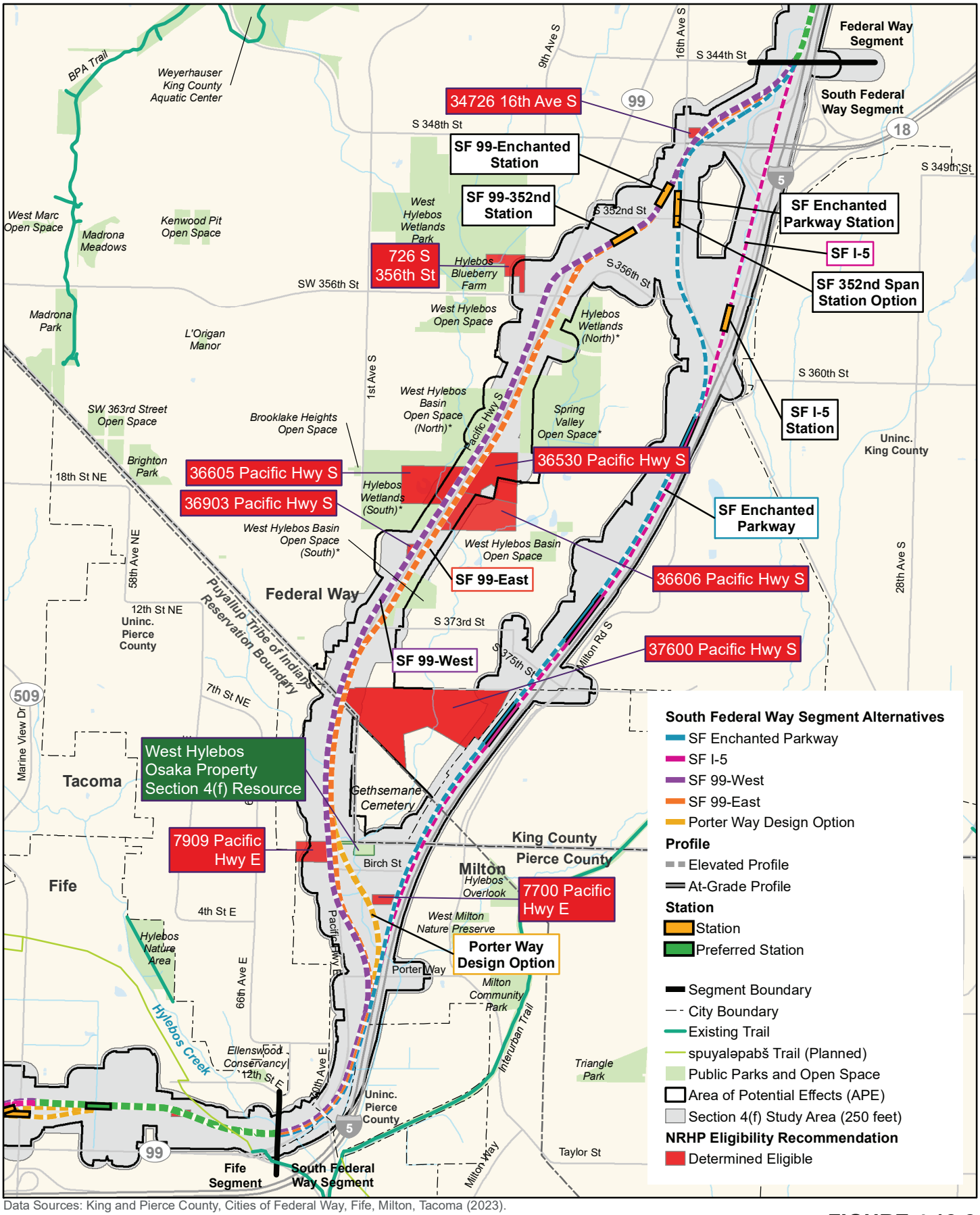

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Park labels in bold indicate public parks and open space within the study area that are assumed to qualify as Section 4(f) properties.
* Collectively known as "Spring Valley Vista Open Space."

FIGURE 4.18-2
Section 4(f) Resources
South Federal Way Segment

Tacoma Dome Link Extension

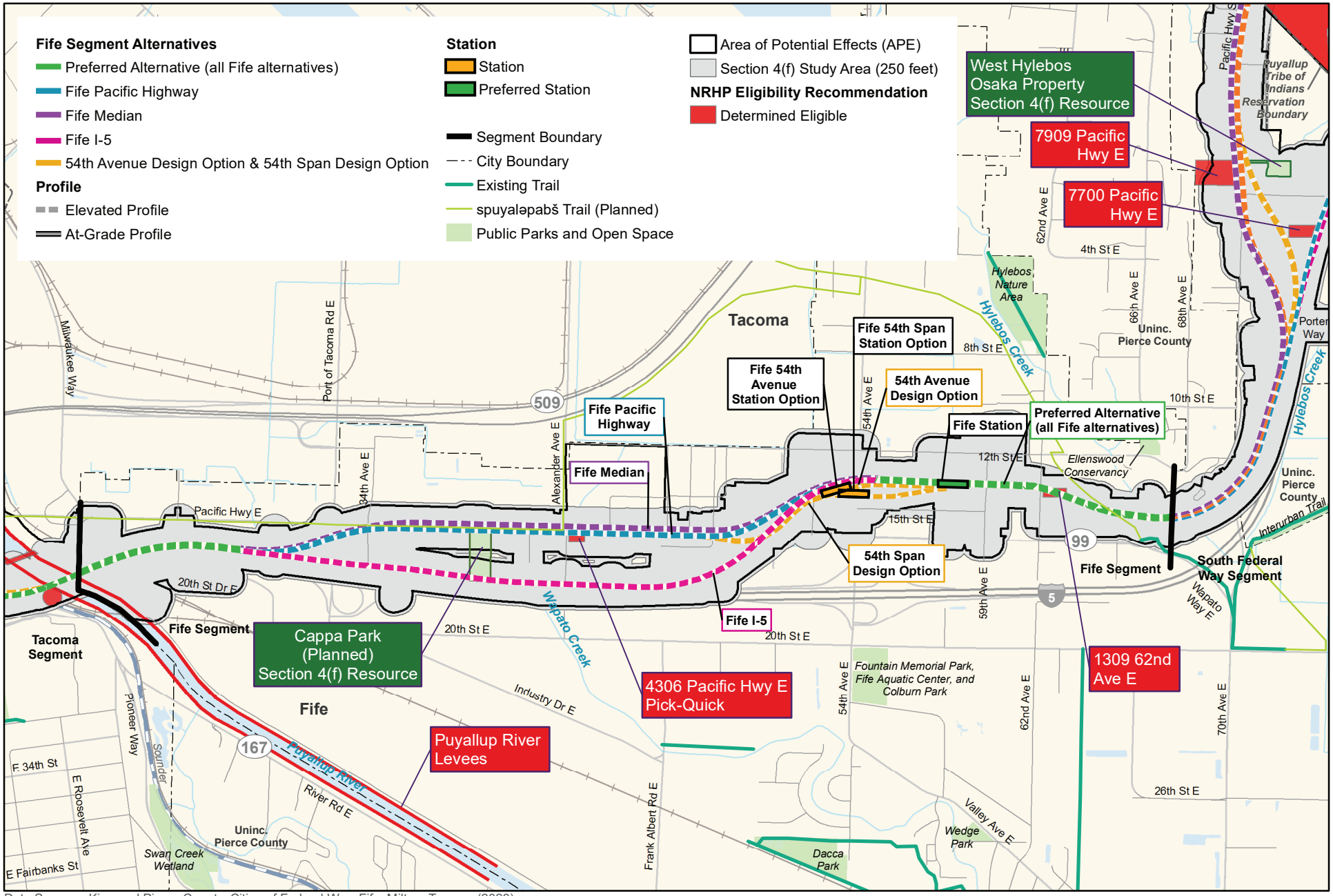

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Park labels in bold indicate public parks and open space within the study area that are assumed to qualify as Section 4(f) properties.

N

0 0.5 1 Mile

FIGURE 4.18-3
Section 4(f) Resources
Fife Segment

Tacoma Dome Link Extension

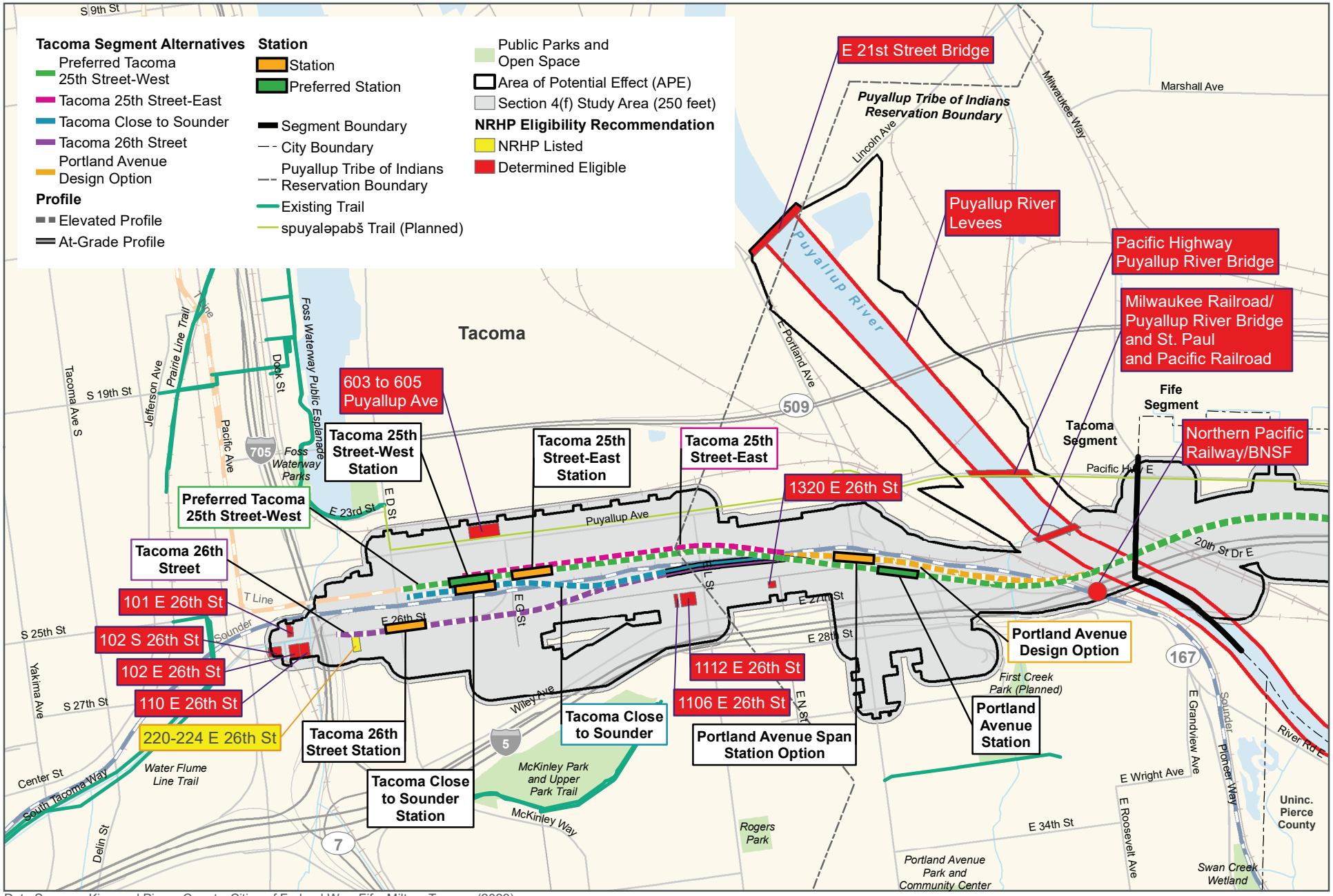

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4.18-4
Section 4(f) Resources
Tacoma Segment

Tacoma Dome Link Extension

Appendix D, Draft Individual Section 4(f) Evaluation, describes the parks and recreational facilities in the study area and identifies which ones are not Section 4(f) resources and why. More information about the parks and recreational resources in the study area can be found in Section 4.17, Parks and Recreational Resources. More information about historic and archaeological resources can be found in Section 4.16, Historic and Archaeological Resources, and Appendix J.5, Historic and Archaeological Resources Technical Report.

4.18.3 Potential Use of Section 4(f) Resources

This section summarizes the potential use of Section 4(f) properties in the study area; the full Section 4(f) analysis can be found in Appendix D, Draft Section 4(f) Evaluation. If a resource is not mentioned in this section, there is no use of that resource. No use of Section 4(f) resources is anticipated to occur in the Federal Way Segment or the Tacoma Segment.

The Section 4(f) resources and FTA's preliminary determination regarding TDLE's use of those resources is summarized in Table 4.18-2 for the South Federal Way Segment, Table 4.18-3 for the Fife Segment, and Table 4.18-4 for the Tacoma Segment. Assessments of effects to individual historic properties and park resources are preliminary and have not been formally determined by FTA. Final effects determinations are pending additional consultation with the State Historic Preservation Officer, Tribes, officials with jurisdiction, and other consulting parties.

Table 4.18-2 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the South Federal Way Segment

Resource	SF Enchanted Parkway	SF I-5	SF 99-West[1]	SF 99-East[1]
Denny's Restaurant at 34726 16th Avenue S	No use	No use	*De minimis*	*De minimis*
Montessori Academy at Spring Valley, 36605 Pacific Highway S, Federal Way	No use	No use	Use	No use
K.C.J. Stables and Residence, 36530A Pacific Highway S, Federal Way	No use	No use	Use	Use
Residence at 36606 Pacific Highway S, Federal Way	No use	No use	No use	Use
Residence at 36903 Pacific Highway S, Federal Way	No use	No use	Use	*De minimis*
Site 45KI1586	Use	Use	No use	No use
West Hylebos Osaka Property	No use	No use	*De minimis* only with Porter Way Design Option	*De minimis* only with Porter Way Design Option
Daffodil Motel, 7909 Pacific Highway E, Milton	No use	No use	Use	No use

Notes:

(1) Preliminary Section 4(f) use determinations apply with or without the Porter Way Design Option unless otherwise noted.

Table 4.18-3 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the Fife Segment[1]

Resource	Fife Pacific Highway	Fife Median	Fife I-5
Residence at 1309 62nd Avenue E	Use	Use	Use
Pick-Quick Drive In, 4306 Pacific Highway	Use	*De minimis*	No use
Cappa Park (planned)	*De minimis*	*De minimis*	*De minimis*

Note:
(1) Preliminary Section 4(f) use determinations apply with or without the 54th Street Design Option or 54th Span Design Option.

Table 4.18-4 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the Tacoma Segment[1]

Resource	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street
Puyallup River Levees	*De minimis*	*De minimis*	*De minimis*	*De minimis*

Note:
(1) Preliminary Section 4(f) use determinations apply with or without the Portland Avenue Design Option.

4.18.4 Avoidance Alternatives, Minimization Measures, and Least Harm Analysis

Unless the use of a Section 4(f) property is determined to have a *de minimis* impact, FTA is required to consider whether there are feasible and prudent alternatives that would avoid the use and whether the project includes all possible planning to minimize harm. Section 4(f) defines a feasible alternative as an alternative that could be built as a matter of sound engineering judgment. An alternative is not prudent if:

(i) It compromises the project to a degree that it is unreasonable to proceed with the project in light of its stated purpose and need;

(ii) It results in unacceptable safety or operational problems;

(iii) After reasonable mitigation, it still causes:

- (A) Severe social, economic, or environmental impacts;
- (B) Severe disruption to established communities;
- (C) Severe disproportionate impacts to minority or low income populations; or
- (D) Severe impacts to environmental resources protected under other Federal statutes;

(iv) It results in additional construction, maintenance, or operational costs of an extraordinary magnitude;

(v) It causes other unique problems or unusual factors; or

(vi) It involves multiple factors in paragraphs (3)(i) through (3)(v) of this definition, that while individually minor, cumulatively cause unique problems or impacts of extraordinary magnitude. (23 CFR 774.17).

Avoidance alternatives can include location alternatives, which would reroute the entire project along a different alignment; alternative actions, which could be a different mode of transportation or some other action that does not involve construction; alignment shifts, which would reroute a portion of the project to a different alignment to avoid a specific resource; or design changes, which would modify the proposed design in a manner that would avoid use.

If the FTA finds that an alternative causes a Section 4(f) use and there is another alternative that is feasible and prudent that avoids use of all Section 4(f) resources, then the alternative that avoids all Section 4(f) use must be selected. But if there are no prudent and feasible alternatives

that can avoid all Section 4(f) resources, then FTA must determine which alternative results in the least overall harm in light of the statute's preservation purpose, called a Least Harm Analysis. As described further in Appendix D, Draft Individual Section 4(f) Evaluation, there is not an avoidance alternative that would avoid all Section 4(f) resources for the length of the project because all of the alternatives would use a Section 4(f) resource in the South Federal Way Segment and another in the Fife Segment.

If there is no alternative that avoids all Section 4(f) use, the alternative with the least overall harm may be approved, but only if it includes all possible planning to mitigate harm to Section 4(f) property (23 CFR 774.3(c)). All possible planning means "that all reasonable measures identified in the Section 4(f) evaluation to minimize harm or mitigate for adverse impacts and effects must be included in the project" (23 CFR 774.17). The proposed measures to minimize harm or mitigate for adverse impacts to Section 4(f) resources where potential use may occur are summarized in Table 4.18-5 and further discussed in Section 4.17, Parks and Recreational Resources, Section 4.16, Historic and Archaeological Resources, and Appendix D, Draft Individual Section 4(f) Evaluation.

An analysis of potential avoidance alternatives is included in Appendix D, Individual Section 4(f) Evaluation, and concludes that there is no prudent and feasible alternative that would avoid all Section 4(f) properties. As a result, a Least Harm Analysis for TDLE will be included in the Final EIS and will take into account Draft EIS comments from agencies with jurisdiction, the public, and consulting parties under Section 106, and possibly new information as design progresses. The alternative with the least overall harm would be selected to proceed.

Table 4.18-5 Proposed Measures to Minimize Harm to Section 4(f) Resources

4(f) Resource	Impacts	Potential Measures to Minimize Harm	Associated Alternative	Section 4(f) Use Assessment
South Federal Way Segment				
Montessori Academy at Spring Valley, 36605 Pacific Highway S	**Permanent:** Partial acquisition, new elevated track nearby, potential removal of mature foliage **Temporary occupancy:** Construction impacts	**Permanent:** Preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to school	SF 99-West Alternative with or without the Porter Way Design Option	Use
Residence and Stables at 36530A Pacific Highway S	**Permanent:** Partial acquisition and potential removal of screening trees; for SF 99-East Alternative, would also include demolition of a ca.1977 outbuilding **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation measures could include preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to property	SF 99-East Alternative and SF 99-West Alternative, with or without the Porter Way Design Option	Use

Table 4.18-5 Proposed Measures to Minimize Harm to Section 4(f) Resources (continued)

4(f) Resource	Impacts	Potential Measures to Minimize Harm	Associated Alternative	Section 4(f) Use Assessment
Residence at 36606 Pacific Highway S	**Permanent:** New elevated track nearby and potential removal of screening trees **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation measures could include the restoration of screening trees. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to property	SF 99-East Alternative with or without the Porter Way Design Option	Use
Residence at 36903 Pacific Highway S	**Permanent:** Demolition of NRHP-eligible building	**Permanent:** Potential mitigation measures could include an interpretive display on or near the property or documentation under the Historic American Buildings Survey/Historic American Engineering Record.	SF 99-West Alternative with or without the Porter Way Design Option	Use
Site 45K101586	**Permanent:** Ground-disturbing activity within archaeological site **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation measures could include protection in place, data recovery, or other measures. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction	Enchanted Parkway and SF I-5 alternatives	Use
Daffodil Motel at 7909 Pacific Highway E	**Permanent:** Partial acquisition and demolition or relocation of signage along the highway **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation could include relocating the signage to another location on the property or to a nearby, potentially adjacent, property. If nearby relocation is infeasible, providing a new interpretive display on or near the property, documentation under the Historic American Buildings Survey/Historic American Engineering Record, or the compilation of a historic context study detailing Pacific Highway's construction in Fife and its mid-twentieth-century evolution as a major auto thoroughfare featuring businesses designed to attract customers traveling the highway. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to property	SF 99-West Alternative with or without the Porter Way Design Option	Use
Fife Segment				
Vacant residence 1309 62nd Avenue E, Fife	**Permanent** Demolition of NRHP-eligible building	**Permanent:** Potential mitigation measures could include an interpretive display on or near the property, making the building available for relocation or documentation under the Historic American Buildings Survey/Historic American Engineering Record. The building may not have the structural integrity to withstand relocation.	All Fife Segment alternatives	Use
Pick-Quick 4306 Pacific Highway, Fife	**Permanent**: Demolition of NRHP-eligible building	**Permanent:** Potential mitigation measures could include providing a new interpretive display on or near the property, documentation under the Historic American Buildings Survey/Historic American Engineering Record, or the compilation of a historic context study detailing Pacific Highway's construction in Fife and its mid-twentieth-century evolution as a major auto thoroughfare featuring businesses designed to attract customers traveling the highway.	Fife Pacific Highway Alternative	Use

Note:
BMP – best management practice; ca. – circa; NRHP – National Register of Historic Places

Additional discussion of regulations pertaining to a Least Harm Analysis are included in Appendix D, Draft Individual Section 4(f) Evaluation. A Least Harm Analysis for TDLE will be included in the Final EIS and will take into account Draft EIS comments from agencies with jurisdiction, the public, and consulting parties under Section 106, and new information as design progresses.

4.18.5 Coordination with Officials with Jurisdiction of Section 4(f) Resources

FTA is engaging in government-to-government consultation with the Puyallup Tribe of Indians, Muckleshoot Indian Tribe, Nisqually Indian Tribe, and the Confederated Tribes and Bands of the Yakama Nation. FTA and Sound Transit are also coordinating with the City of Federal Way regarding the parks and open space resources along SR 99 that FTA has determined do not qualify as Section 4(f) resources. FTA and Sound Transit are also coordinating with the City of Milton regarding the West Hylebos Osaka Property. The City of Milton preliminarily concurred that TDLE would have a *de minimis* impact on that Section 4(f) resource. FTA and Sound Transit are coordinating with the SHPO, officials with jurisdiction, and other consulting parties, including the City of Fife, Historic Preservation Officers from King County, Pierce County, City of Tacoma, and Washington Trust for Historic Preservation, regarding the Section 106 properties that qualify as Section 4(f) properties that will require use by the TDLE project, as well as regarding any archaeological resources that may be used and the applicability of Section 4(f). Sound Transit is also coordinating with the City of Fife regarding the proposed Cappa Park, which is currently undergoing planning. Coordination meetings with the jurisdictions regarding potential use of parks and open space resources occurred:

- City of Fife: July 10 and August 14, 2024.
- City of Milton: July 11 and August 1, 2024.
- City of Federal Way: June 25 and August 8, 2024.

5 CUMULATIVE IMPACTS

This chapter considers the potential cumulative long-term impacts of TDLE in conjunction with past, present, and reasonably foreseeable actions. Cumulative short-term construction impacts are also analyzed. Potential mitigation measures for cumulative impacts (in addition to the mitigation described in Chapters 3 and 4) are discussed in Section 5.5, Potential Mitigation Measures for Cumulative Impacts.

Code of Federal Regulations Title 40, Section 1508.1(g)(3) defines cumulative effects or impacts as the "effects on the environment that results from the incremental effect of the action when added to other past, present, and reasonably foreseeable actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative effects can result from actions with individually minor but collectively significant effects taking place over a period of time." Public agencies must analyze cumulative impacts to fully understand how a proposed action and its alternatives interact with past actions, present-day activities, and actions that are planned and reasonably certain to occur in the future. Studying the proposed project in conjunction with other actions can reveal unintended impacts that may not be clear when the proposed project is analyzed by itself.

During the scoping process and Draft EIS preparation, Sound Transit gathered information from agencies and the public to identify impacts of past and present developments and reasonably foreseeable actions that could interact with the impacts of TDLE alternatives, including:

- Adopted transportation plans, land use plans, and neighborhood plans from King County, Pierce County, and the cities of Federal Way, Milton, Fife, and Tacoma.
- Lists of known major public and private land use proposals in King County, Pierce County, and the cities of Federal Way, Milton, Fife, and Tacoma.
- Information provided by WSDOT, King County Metro Transit, Pierce Transit, and Intercity Transit on planned transportation projects and developments.
- PSRC regional transportation plan (PSRC 2018) and Vision 2050 (PSRC 2020), which provided population and growth projections, overall transportation goals for the Puget Sound region, and land use forecasts.
- Information provided by other organizations and the public on planned private projects, community values, and concerns.

This information was used to identify past and ongoing development trends, prepare growth projections, characterize reasonably foreseeable actions, and identify and evaluate expected cumulative impacts to which TDLE could contribute. Appendix G, Present and Reasonably Foreseeable Actions, provides additional details on the actions considered in this analysis. Information on actions gathered during Draft EIS preparation was updated through January 2024. These actions include larger public projects, which often have development documentation available, and private projects, where development information may be limited or not publicly available. Chapter 3, Transportation Environment and Consequences, provides information on travel forecasts and Section 4.3, Economics, provides information on demographic and economic trends.

5.1 Geographic and Temporal Boundaries of Cumulative Impact Analysis

Consistent with regulatory guidance for cumulative impact analysis, the development actions that were considered included those that are past, present, and reasonably foreseeable.

- Past actions include non-native settlements dating back to the 1800s through developments up to the present.
- Present actions are those projects just completed or under construction by local, state, or federal agencies.
- Reasonably foreseeable actions are those that have obtained some local, state, or federal government funding, approval, or are under environmental review, and thus could be under construction at any time from the present through 2042 (TDLE's design year and the targeted year for operation of planned projects identified in the Sound Transit 3 Plan).

The study area for cumulative impact analysis is generally a combination of the study areas defined in Chapter 3 for transportation facilities and Chapter 4 for the various environmental resources and construction impacts. However, a broader area for certain elements of the environment is included in the cumulative impacts analysis for the following elements:

- Ecosystem-related resources, where broader study areas are necessary to capture how the effects from reasonably foreseeable projects may interact to affect the function of larger ecosystem networks.
  - Wildlife corridors are considered for avian species and other migratory animals or animals with large foraging areas.
  - Streams are considered at the watershed level for impacts to fish habitat and water quality.
  - Wetlands are considered at the watershed level for impacts to aquatic species and water quality.
- The Puget Sound Region (Pierce, King, Snohomish, and Kitsap counties) applies to resources such as transportation, air quality (and greenhouse gases), energy, and, to some degree, the economics analysis.
- Greenhouse gases are studied at the regional level, while it is acknowledged that the effects are felt on a global level.
- Socioeconomic resources that may experience a range of cumulative impacts from new infrastructure and development projects, such as land use, economics, neighborhoods, public services, visual resources, and parks.

5.2 Past and Present Actions

The Puget Sound area has been occupied by humans for more than 10,000 years. Coast Salish peoples who call the region home now belong to numerous Tribes. The area covered by the TDLE project primarily lies on the Puyallup Tribe of Indians Reservation, but portions of the project may also be viewed as traditional territories of other Tribes including the Muckleshoot Indian Tribe. The Yakama Nation and the Nisqually Indian Tribe have interest in the TDLE project as well, primarily in relation to cultural resources.

Since the mid-19th century, ongoing impacts from past actions have shaped the project vicinity. Seattle and Tacoma have become increasingly urban, with suburban population growth spreading to surrounding areas, including the cities in the TDLE study area. Development that has occurred adjacent to both I-5 and SR 99 in the northern portion of the TDLE study area has been predominantly commercial and residential, with some industrial, office, mixed use, and agricultural uses as well. Development in Fife and Tacoma has a much longer history, dating back to the 1800s and the development of Tacoma and its port as a center for railroads, shipping, industry, and manufacturing. The Port of Tacoma actively operates along the waterfront of Commencement Bay, including the Blair and Hylebos Waterways.

Past and present regional and local planning efforts have emphasized an integrated, long-range growth-management, economic, and transportation strategy based on a vision of high-density, urbanized centers linked by a high-quality, multimodal transportation system that includes light rail. The environmental effects of past and ongoing actions are considered in relation to the natural and built environments.

5.2.1 Natural Environment

Much of the TDLE study area is becoming urbanized but was originally forestlands, wetlands, and estuarine environments. The topography in many sections of the project corridor was substantially modified through urban development as well as through the construction of I-5 and SR 99, where hills were cut or regraded and valleys and lowlands filled to create the existing highways.

Fife and portions of Tacoma near the Puyallup River and Commencement Bay occupy areas that were once mostly tidelands and lower river valley, featuring a meandering Puyallup River with extensive floodplains, estuarine wetlands, and multiple creeks. The surface waters and shorelines in the study area have been historically altered by channelization, dikes, levees, and fill. Many of the streams have reaches that have been either channelized or piped. The industrial and urban development in the study area has imparted a legacy of contamination dating back over a century. The resulting environmental degradation has prompted restoration efforts to protect water quality and wildlife habitat, including Superfund sites to restore the Hylebos Creek and Commencement Bay waterways in Fife and Tacoma, respectively. Urbanization has resulted in hydrologic changes, such as decreased base flow and aquifer recharge during summer months and increased seasonal flow fluctuations and flooding during periods of heavy rain as compared with predevelopment conditions. The development has also impacted water quality by introducing runoff contamination from pollution-generating surfaces as well as increasing water temperatures resulting from the removal of vegetation that previously provided shade along stream banks.

Past actions affecting the natural environment were highly varied, including timber harvesting, natural resource extraction, lumber and paper mills, smelters, farming and ranching, railroads, the port, and shipping. The wetlands now present in the TDLE study area represent fragments of larger historical wetland systems, and some are more recently formed wetlands that have developed as a result of changes in transportation, land use, and surface water drainage patterns. The Hylebos Creek basin has the largest forested wetland in the TDLE corridor, covering areas from South Federal Way to Fife. In Fife, fragmented portions of wetland are present throughout the project area. Several streams have floodplains extending well beyond their banks and designated federal floodplains and county and city flood hazard areas exist, particularly within the study area in Fife.

Due to the developed nature of the TDLE study area, most of the vegetation present reflects landscaping practices for urban and suburban areas, with remnant tree canopy retained for shade or aesthetics. The largest remaining native forest in the study area is located in the Hylebos Creek riparian corridor to the west of I-5 in Federal Way and Milton.

5.2.2 Built Environment

In the five decades since the completion of I-5 in Washington, industrial and commercial development in western Washington has grown steadily along much of this corridor. Employment in the vicinity of the study area from Federal Way to Fife, which includes a section of Milton and unincorporated Pierce County, encompasses a variety of industries and business sectors, including retail, food service, and light industrial. The land uses adjacent to the SR 99 and I-5 corridors in Federal Way and Milton are primarily commercial and open space, with some residential development. In Fife, the study area includes industrial land uses that have historically been connected to port activities, commercial, and some mixed-use development. In Tacoma, development in the study area has been heavily influenced by the railroads and related industries, and by manufacturing, warehousing, and shipping.

5.3 Reasonably Foreseeable Actions

Reasonably foreseeable actions are future projects that would produce environmental impacts that could add to or interact with the impacts associated with TDLE alternatives and other past and present actions. Reasonably foreseeable actions are not speculative and are considered regardless of the agency, organization, or person serving as their proponent (CEQ 1997). They must be likely to occur in the reasonably foreseeable future by virtue of being funded, approved, or under consideration for regulatory permitting; undergoing environmental review process under the National Environmental Policy Act or the State Environmental Policy Act; or part of an officially adopted planning document or publicly available development plan.

Changes to transportation infrastructure are one of the biggest influences on transportation conditions and other environmental topics, such as noise and air quality. Present and reasonably foreseeable actions are shown in Figures G-1 through G-4 and listed in Table G-1 of Appendix G, Present and Reasonably Foreseeable Actions.

5.4 Cumulative Impacts Analysis

Adverse and beneficial cumulative impacts could occur over the long-term during project operation, when impacts of TDLE would add to or interact with long-term impacts of other past, present, and reasonably foreseeable actions. Adverse cumulative impacts could occur over the short-term during construction when activities necessary to build TDLE would accumulate with impacts from other projects under construction at the same time. The following sections discuss expected cumulative impacts of project construction and operations on elements of the environment.

The direct and indirect long-term and construction impacts of the project that could contribute to future cumulative impacts are discussed in Chapters 3 and 4. Operational cumulative impacts on transportation, visual and aesthetics, noise, ecosystem, and historic resources could occur. Avoidance, minimization, and mitigation measures for operation impacts are also discussed in Chapters 3 and 4.

Operation of TDLE would shift some vehicle trips to light rail transit, thereby reducing demand on traffic and bus transit movement, improving air quality, water quality, and energy consumption compared with future conditions projected under the No-Build Alternative. Therefore, a key contribution of TDLE, once in operation, would be to reduce the adverse cumulative impacts on these resources to levels below what they would be without the project.

Most cumulative impacts would occur during project construction if the construction of other foreseeable actions overlaps with the TDLE project. Individual projects would be responsible for mitigation and meeting regulatory requirements for direct construction impacts on resources such as ecosystems, water resources, hazardous materials, and historic and archaeological resources. Sound Transit would coordinate as necessary with projects that would be under construction at the same time as TDLE to minimize the potential cumulative effects of overlapping construction periods within the same area. Such coordination would reduce cumulative construction impacts related to detours, reduced access, increased dust and noise, and reduced emergency service response times.

5.4.1 Transportation

The analysis of the No-Build Alternative and the TDLE alternatives for transportation impacts is inherently cumulative because it is based on regional forecasts that assume future funded projects and future growth in population and employment located in designated growth centers and consistent with adopted land use plans. However, there could be differences in impacts based on the details of other individual transportation or development projects and the actual rate and timing of population or employment growth in a given community.

During the period of construction, TDLE may add to and interact with construction impacts from other transportation and development projects being built at the same time, including the Operations and Maintenance Facility South (OMF South). Construction in or near roadways typically requires temporary lane closures, parking restrictions, detours, and traffic delays. Interactions among two or more concurrent construction projects can intensify these impacts.

5.4.1.1 Regional Transportation

Based on the latest state, regional, and surrounding local agencies' transportation plans, several transportation projects are assumed to be constructed by 2042 and therefore are included in the No-Build and build alternatives analysis. The No-Build Alternative includes the following major improvements: the WSDOT Puget Sound Gateway Program, which includes the SR 167 Completion Project; the I-5 SR 161/SR 18 Federal Way Triangle Phase 2 improvements; the Port of Tacoma Road Interchange improvements; the 54th Avenue Interchange improvements; and other projects listed in Section 2.2, No-Build Alternative. These projects are also listed in Appendix G, Present and Reasonably Foreseeable Actions.

WSDOT could continue to implement lane management strategies, such as express tolled lanes or HOV designations along the highway system. Depending on how lane management strategies were administered, managed lanes could improve travel conditions on the highway system for some travel modes. WSDOT has no specific plans to implement lane management strategies on I-5 adjacent to the TDLE corridor beyond the current 2+ HOV lane designation on the inside travel lanes in both directions.

The I-5 SR 161/SR 18 Federal Way Triangle Project Phase 2 improvements portion of the WSDOT Puget Sound Gateway Program was suspended in 2023, with no scheduled resumption date. The construction timeline for these improvements could potentially overlap

with construction of the TDLE alignment in the South Federal Way Segment. Improvements to I-5 access ramps on S 348th Street would be adjacent to the construction of all alignment alternatives at the northern end of the South Federal Way Segment. Construction of the roundabout at the intersection of Enchanted Parkway S, S 356th Street, and 16th Avenue S would be in close proximity to the station location for the South Federal Way alternatives and would affect portions of the construction zone for the SF Enchanted Parkway Alternative. If TDLE project construction and construction of these improvements occurred simultaneously, there would be additional impacts to traffic accessing I-5 from S 348th Street or along Enchanted Parkway and SR 18 during construction.

Stages 2a and 2b of the SR 167 Completion Project may overlap with TDLE construction in the Fife Segment and could affect traffic operations along SR 99 between the Fife and South Federal segments. Construction of the 54th Avenue Interchange and Port of Tacoma Road Interchange improvements could potentially coincide with TDLE construction in the Fife Segment and may affect traffic accessing I-5 at two access points: SR 509 at Port of Tacoma Road and SR 99 at 54th Avenue E.

Together with TDLE, these reasonably foreseeable projects would result in cumulative benefit to regional transportation in the TDLE study area by shifting some vehicle trips to light rail transit and improving travel conditions through the access improvements and managed lanes. In Chapter 3, Transportation Environment and Consequences, Table 3-7 shows the projected 2042 daily transit ridership for the No-Build and build alternatives in the TDLE corridor as well as the expected daily ridership and change in the number of new transit riders with the build alternatives.

5.4.1.2 Transit Operations

Future extensions of the regional mass transit network are depicted in Sound Transit's Regional Transit Long-Range Plan and include an extension south to the Tacoma Mall area (Sound Transit 2014). Sound Transit 3 included funding for the extension of Tacoma Link beyond the planned Hilltop Tacoma Link Extension, to Tacoma Community College. If voters approve funding for construction of additional transit extensions, transit accessibility for the communities in the TDLE corridor would be increased through connections to additional regional destinations. Metro and Pierce Transit have adopted long-range plans that propose changes to bus service in their respective service networks. If fully implemented, they would include expansions to communities in the TDLE corridor and could increase overall light rail ridership.

5.4.1.3 Arterial and Local Streets

The analysis of future transportation impacts in Chapter 3, Transportation Environment and Consequences, is a cumulative analysis based on the results of traffic and ridership modeling that incorporates funded and approved actions as well as projected growth that would include development in the region. Other planned, but not funded, regional and local transportation and development projects could have some impacts on transit ridership and travel patterns within the study area, including traffic operations near the TDLE stations. This includes potential transit-oriented development in station areas, which would likely increase the number of people walking or biking to stations. Future transit and roadway capacity projects could also improve person throughput, traffic flow, and circulation on local streets along the corridor and reduce the impacts of proposed light rail stations on local traffic operations. Stages 2a and 2b of the SR 167 Completion Project may overlap with TDLE construction in the Fife Segment and could create additional impacts to traffic accessing the Wapato Way E crossing of I-5. If construction in the Fife Segment and construction of the 54th Avenue and Port of Tacoma Road interchange

improvements were to occur simultaneously, there would be potential for additional impacts to traffic operations on local and arterial streets, including Pacific Highway E, Port of Tacoma Road, and 54th Avenue E in Fife.

Planned Puyallup Avenue Corridor improvements in the City of Tacoma are currently partially funded, with construction anticipated between 2027 and 2031. Reconstruction of the roadway to implement bicycle, pedestrian, and streetscape improvements have the potential to overlap with TDLE construction activities in the Tacoma Segment. If construction activities in the Tacoma Segment and on Puyallup Avenue were to occur simultaneously, there would potentially be additional impacts to east-west traffic traveling along Puyallup Avenue, E 25th Street, and E 26th Street. Traffic crossing I-5 to access the Tacoma Dome and Portland Avenue station areas or SR 509 on E McKinley Way, East D Street, East L Street, and Portland Avenue E would also potentially be impacted.

5.4.1.4 Freight Mobility and Access

As described in Chapter 3, long-term travel impacts on freight mobility and access within the study area would be mitigated with the measures identified for Arterials and Local Streets in Section 5.4.1.3. None of the build alternatives would have additional long-term impacts because the light rail guideway would operate in its own right-of-way, and other traffic impacts related to bus or vehicular trips to stations already include the effects of continued urban growth and development. It is anticipated that there would be limited potential additional cumulative transportation impacts on freight mobility and access with the build alternatives.

5.4.1.5 Nonmotorized

Future nonmotorized projects, including the spuyaləpabš Trail (formerly the Tacoma to Puyallup Regional Trail), could add more pedestrian and bicycle trips to the street network surrounding the TDLE light rail stations. These future projects could also improve sidewalks, trails, and other nonmotorized facilities within the TDLE study area, either as other properties are developed and redeveloped or as the result of future projects by the local jurisdictions.

Sound Transit has initiated work with local jurisdictions to identify a preliminary list of pedestrian and bicycle improvements to support station access as part of the System Access Program. This preliminary list of nonmotorized improvements would be refined in the future, incorporating comments from the Tribes, agencies, and public. Some of the nonmotorized improvements may be implemented by others such as the Puyallup Tribe of Indians, cities, or others as lead agencies and require multi-agency funding partnerships to implement. Some, but not all, of the system access improvement projects are expected to receive funding.

As part of future system access improvements, the Fife Multiuse Path could be provided beneath the TDLE guideway between 54th Avenue E and the SR 167 Completion Project, where it would connect to the planned spuyaləpabš Trail. This would provide a direct connection to a regional shared-use path system, with connections to the Interurban Trail to the south in addition to the shared-use path provided as part of the SR 167 Completion Project. There is currently no funding commitment by any party, including Sound Transit, to build the Fife Multiuse Path. System access projects that are implemented would provide a cumulative benefit to safely accommodate pedestrian and bicycle travel in the TDLE corridor.

5.4.1.6 Safety

The future safety impacts under the No-Build and build alternatives includes reasonably foreseeable transportation projects. Other development would not likely affect safety in the TDLE study area.

5.4.1.7 Parking

Parking within the TDLE corridor could be affected by other land use and transportation facility changes. In particular, transportation projects that increase roadway capacity or multimodal options, as well as increased residential and commercial development activities near station areas, could increase parking demand within the TDLE corridor, or they could reduce on- and off-street supply. Plans for local development near TDLE station areas, including the Federal Way South Station Subarea and Fife City Center Plan, would encourage transit oriented development (TOD) around future stations. Parking demand generated by new development in TDLE station areas would be accommodated by developers and based on jurisdictional parking requirements in local development regulations.

FWLE is constructing additional parking at the Federal Way Downtown Station. Some parking spaces at the S 320th Park & Ride in the Federal Way Segment would be temporarily impacted by TDLE construction, and a few parking spaces would be permanently removed due to column placement. The Federal Way's City Center Access Project is under development and may also permanently impact some parking spaces at this location. The park-and-ride is underutilized and removing a limited number of parking spaces would not be anticipated to have an adverse cumulative effect.

5.4.1.8 Navigation

There are no known reasonably foreseeable projects that would result in cumulative impacts on navigation in the TDLE study area.

5.4.2 Acquisitions, Displacements, and Relocations

Several other public projects planned in the vicinity of TDLE could result in additional property acquisition. Most notably, Sound Transit is planning for the OMF South project, which includes new connecting track, access roads, and the OMF facility site itself. Two of the three alternatives being considered for OMF South are located in Federal Way, adjacent to TDLE, with connecting track overlapping TDLE in the Federal Way Segment. The two OMF South alternatives in Federal Way would have displacements similar to TDLE along the 1.4 to 1.6 miles of mainline guideway, as well as additional displacement of businesses and residences for the OMF site itself.

The Federal Way City Center Access Project may impact homes in Belmor that are adjacent to S 324th Street, which could cause a slight increase in the cumulative number of residences impacted by the projects. The WSDOT I-5 SR 161/SR 18 Federal Way Triangle Improvements would have property impacts associated with a new ramp and roundabout in the vicinity of S 356th Street, Enchanted Parkway, and I-5 which could increase the cumulative property impacts in this location; however, in 2023 the project was suspended and the timeline for when it may resume is unknown. The SR 167 Completion Project is being constructed within the project vicinity in Fife and could displace some of the same properties as any of the build alternatives. There could also be other smaller public or private projects in the project vicinity that would acquire new properties and displace existing uses.

An adverse cumulative impact from property acquisition is not expected because Sound Transit would compensate affected property owners in accordance with Sound Transit's Real Estate Property Acquisition and Relocation Policy, Procedures, and Guidelines (Sound Transit 2017). Benefits would depend on the level of impact, available relocation options, and other factors. In addition, Sound Transit supports potential TOD, which increases residential and commercial densities surrounding stations and is anticipated to provide more residential and employment opportunities than lost within the study area. However, these housing and economic opportunities generally occur after project construction so would likely not be immediately accessible to those displaced. Where appropriate, Sound Transit would facilitate TOD with local jurisdictions and potential development partners in accordance with Sound Transit's Equitable Transit Oriented Development Policy (Sound Transit 2018). Additional discussion about TOD is included in Sections 4.2.3.4 and 4.3.3.4.

5.4.3 Land Use

TDLE, in conjunction with other land use actions by local governments and other property owners, could result in cumulative impacts on land use conditions. However, the land use analysis in Chapter 4 includes a review of future changes due to local and regional plans to accommodate future population and employment changes and is already inherently cumulative.

Although there are reasonably foreseeable land developments in the study area that would increase density without light rail, light rail would support more dense urban areas (consistent with local development regulations), particularly near planned light rail stations, than would likely occur without light rail. TDLE, along with actions taken by jurisdictions, could cumulatively help achieve local and regional planning goals that encourage high-density, mixed-use, TOD in a timelier manner. Land use changes are expected to be greatest near stations due to increased transit accessibility and pedestrian activity, which are generally attractive to businesses and residents. Such changes would depend on existing or amended land use regulations, including zoning designations, adopted by local governments and on the decisions of property owners about whether to develop or redevelop their property. No adverse cumulative impacts to land use are anticipated as TDLE is consistent with local and regional transportation and comprehensive plans, which account for development.

5.4.4 Economics

The economic analysis of cumulative impacts used Puget Sound Regional Council data to reflect future regional and local activity, accounting for future changes in regional population, employment, and housing. Pierce County and King County Department of Assessment's data and subarea plans were used to examine existing and future land use in the local area. Additionally, other known transportation projects were included in this analysis. Impacts from the broader TDLE project are evaluated in the cumulative impact analysis along with the potential impacts from FWLE, OMF South, the Federal Way City Center project, and other local transportation projects.

Investments in public transportation systems can benefit regional economies by helping offset increases in congestion and improving connections between businesses and the regional labor force. Many of the benefits associated with the project are embedded in the broader set of Sound Transit projects that would connect TDLE to the dense business corridors in the Seattle metropolitan area. The proposed build alternatives associated with TDLE would support economic activity in the affected area.

Construction of WSDOT's SR 509 and SR 167 Completion projects are currently anticipated to be completed around the time TDLE construction is beginning but may overlap. If these projects overlap, they would contribute to increasing the number of construction-related jobs available. Construction of the planned OMF South would start prior to TDLE construction, and these projects may overlap. The combined impacts related to job creation for construction-related work would be positive.

Additionally, effects to local businesses should be examined within the context of other foreseeable projects to ensure that the alternatives do not exacerbate business disruption or displacement. On its own, the TDLE project is not anticipated to disrupt major employment centers. Much of the potential disruption during construction is anticipated to occur on parcels that will overlap or are adjacent to the transit corridor. Most of the impacted businesses are anticipated to be retailers, warehousing, or local service providers. In aggregate, some of the potential cumulative effects from multiple projects may be offset by applying the same impact minimization measures and best management practices identified in Chapter 4, such as coordination with businesses and districts during construction, marketing assistance, businesses advisory services, and signage to help patrons find businesses.

5.4.5 Social Resources, Community Facilities, and Neighborhoods

Actions that occurred in the past, such as the development of the roadway and transit network within the study area, as well as implementation of prior land use plans, have resulted in the development patterns that shape the neighborhoods present in the study area. As a result of TDLE and other reasonably foreseeable transportation projects, commercial and residential development projects, and land use changes, these neighborhoods could experience benefits. These benefits could include improved access to a regional high-capacity transit network, reduced travel time, residential infill, growth in employment base, and increased patronage of local businesses, especially in proximity to station areas.

Future private development, particularly around station areas, could increase property values and taxes and may affect the availability of affordable housing opportunities or affordable properties for small businesses. Affordable housing goals and policies adopted by the cities of Federal Way, Fife, Milton, and Tacoma, as well as those adopted by Sound Transit, all encourage more housing options, including affordable housing, particularly near high-capacity transit. For example, Tacoma's Comprehensive Plan (One Tacoma) includes the policy to "Facilitate the expansion of a variety of types and sizes of affordable housing units, and do so in locations that provide low-income households with greater access to convenient transit and transportation, education and training opportunities, Downtown Tacoma, manufacturing/industrial centers, and other employment areas." See Appendix H2 Land Use.

If TDLE were constructed at similar times as other large infrastructure projects, such as OMF South, residents and businesses could experience increased short-term construction impacts due to cumulative increases in congestion, noise, access limitations, and construction durations. Impact minimization measures, best management practices, and mitigation measures identified in Chapter 4 would be implemented to reduce cumulative construction impacts on neighborhoods or community facilities.

5.4.6 Visual and Aesthetic Resources

Construction of I-5 in the 1960s was a major change to the visual environment in the project corridor. The freeway and corresponding development along SR 99 in recent decades also changed other more natural or rural landscapes. The addition of light rail to the project corridor

would have a cumulative impact, increasing the visual prominence of these existing linear transportation corridors. Those impacts could include the following:

- Change to the visual quality of the TDLE corridors near areas with concentrations of sensitive viewers (mostly residents).
- Potential blockage of or intrusion on scenic views.
- Impacts from light, glare, and shade related to guideways, stations, parking areas, and trains.

Other projects, such as the FWLE Extension project, which is just north of TDLE, and the planned OMF South, which could also be located near TDLE, could have cumulative impacts based on additional elevated guideway, large structures, noise walls, and the relocation of high voltage transmission lines. In Tacoma, the Hilltop Tacoma Link Extension Project could expand the Sound Transit Operations and Maintenance Facility on E 25th Street, which could contribute to impacts with the potential Tacoma 25th Street-West and Tacoma 25th Street-East alternatives. Although most cumulative impacts would occur in previously developed areas or adjacent to other existing large infrastructure, making the cumulative nature of these impacts minimal, TDLE and other reasonably foreseeable projects could increase the overall impacts on the surrounding visual environment.

If TDLE is constructed at the same time as other reasonably foreseeable actions, viewers could experience more visual change during construction. Cumulative visual impacts could also occur with increased private development near station areas.

5.4.7 Air Quality and Greenhouse Gas Emissions

The operational air emissions from the build alternatives are inherently cumulative. Chapter 4.6 finds the build alternatives would not result in an exceedance of the National Ambient Air Quality Standards or the Washington Ambient Air Quality Standards. All the build alternatives would result in a net decrease in criteria pollutant and greenhouse gas (GHG) emissions within the project area. Other reasonably foreseeable light rail projects, such as FWLE and the Hilltop Tacoma Link Extension, would have similar impacts to air quality and greenhouse gas emissions as TDLE, although at different scales. Therefore, the proposed project, combined with past, present, and reasonably foreseeable actions, would not contribute to adverse long-term cumulative impacts on air quality or GHG emissions. Temporary impacts to air quality and GHG emissions from construction of TDLE could contribute to an increase in cumulative construction impacts from other reasonably foreseeable projects. However, construction emissions would not exceed the National Ambient Air Quality Standards, and mitigation measures and best practices would minimize air quality impacts.

5.4.8 Noise and Vibration

The FTA-accepted methodology for noise and vibration analysis for both ambient noise conditions and vibration analysis reflects both cumulative ambient noise conditions and project-specific noise and vibration impacts. FTA methods identify noise impacts and mitigation in the context of the cumulative noise exposure that receivers would experience, based on existing noise levels in combination with new noise generated by the project. Sound Transit policy is to mitigate all noise and vibration impacts associated with the project. All noise impacts could be mitigated through a combination of noise barriers, changes to special trackwork, and residential sound insulation. For vibration, impacts in the South Federal Way Segment could be mitigated with standard mitigation measures. In the Fife Segment, one or two vibration impacts

(depending on the alternative) would require additional testing inside affected structures to determine the response of the foundations and potential site-specific mitigation measures. No vibration impacts are anticipated in the Tacoma Segment.

For both the SR 99 and I-5 corridors, vehicles are the dominant noise source. The OMF South project is not anticipated to have transit noise or vibration impacts from the maintenance facility site or the mainline tracks with the 40-mph curve. TDLE operations would increase train frequency on the mainline tracks in the Federal Way Segment, which would cause transit noise impacts and would be mitigated by noise barriers. Modification of the existing berm and I-5 noise walls by the OMF South project may result in traffic noise impacts for about one to three residences (Sound Transit 2023). Sound Transit plans to conduct additional noise analysis in coordination with Federal Way and WSDOT during final design of OMF South. The City Center Access Project and associated improvements on I-5 may also contribute to additional future traffic noise and vibration in the project area.

The overall day-night average sound level along the TDLE corridor, when TDLE is combined with other foreseeable projects, is not predicted to vary more than 2 to 3 decibels from the noise levels reported in Section 4.7. Three decibels is the minimum noise change that is discernible to the average person.

During construction, TDLE would contribute noise and vibration impacts along with other nearby transportation and private development construction projects, and cumulative impacts could occur. Although Sound Transit is committed to mitigating project noise impacts, light rail would still create a new noise source and therefore would contribute to cumulative noise in the project corridor.

Maximum vibration levels at any site are the result of heavy trucks on rough roads, light rail pass-by (where applicable), and local construction activities. Cumulative vibration levels in most areas would be the same as the existing vibration levels in most cases. Exceptions to this would include areas with extremely rough roadways with potholes and other discontinuities that result in increased vibration levels from passing trucks and other heavy vehicles as well as areas near active construction sites, where short-term increases in vibration level would result from active construction equipment. No other reasonably foreseeable actions are expected to cause notable vibration impacts during project operation, so cumulative vibration impacts are not expected.

5.4.9 Ecosystem Resources

Past actions have greatly changed the ecological landscape in the study area and vicinity, and ongoing and reasonably foreseeable actions could contribute to additional cumulative impacts. To address the effects of past development, restoration programs and projects (e.g., aquatic and terrestrial habitat improvement projects, culvert replacement projects to eliminate fish passage barriers) are being planned and implemented throughout the region. The potential for the build alternatives to result in adverse cumulative impacts would be related to the direct impacts of that alternative. In other words, a project alternative with a greater extent and/or intensity of adverse impacts on ecosystem resources would have a greater potential for adverse cumulative impacts.

There are some reasonably foreseeable actions that have the potential to result in benefits rather than adverse effects on the environment. For example, WSDOT and WDFW are working cooperatively to inventory and assess fish passage barriers on WSDOT facilities statewide. This inventory is part of a court-mandated comprehensive state program to address culverts blocking fish passage. Culvert replacement and retrofitting projects through that program may improve

fish access to streams over time within the study area. Sound Transit is coordinating its light rail facility design with WSDOT to avoid conflicts with future culvert replacement projects.

Construction of FWLE impacted wetlands, wetland buffers, riparian forest buffer, and forested habitat (Sound Transit 2016) and required the relocation of a portion of a stream channel (Bingaman Creek). FWLE lies almost entirely in WRIA 9 (Duwamish-Green), a different watershed from the proposed TDLE project, and impacts will be mitigated, thereby reducing the potential for cumulative impacts. Habitat loss and fragmentation could contribute to cumulative impacts on wildlife in nearby watersheds, including those that contain the TDLE study area. However, by complying with WSDOT's and local jurisdictions' rules concerning tree replacement and the maintenance of visual quality, FWLE is expected to increase the amount of vegetated area over the long term.

Other reasonably foreseeable future projects that could adversely affect ecosystem resources in the study area include Sound Transit's OMF South, the City of Federal Way's City Center Access project, and the SR 167 Completion Project. All these projects would be constructed and operated largely on developed or partially developed parcels. Nevertheless, possible short-term and long-term impacts of these projects include loss or degradation of vegetation, wildlife habitat, streams, wetlands, and associated buffer areas. Under all three of these projects, unavoidable impacts to ecosystem resources would be mitigated as required by federal, state, local, and Tribal agencies with regulatory authority. The Federal Way City Center Access project also includes the correction of four barriers to fish migration in headwater reaches of East Fork Hylebos Creek Tributary 0016A, along with the daylighting of approximately 1,000 linear feet of stream channel. The impacts (both adverse and beneficial) of OMF South and the Federal Way City Center Access project would contribute to those of the alternatives in the Federal Way and South Federal Way segments since they occur within the upper watershed of Hylebos Creek, impacting East Fork Hylebos Creek Tributary 0016A and its riparian buffer.

The SR 167 Completion Project includes the creation and/or restoration of approximately 2.6 miles of stream habitat and 110 acres of riparian buffer associated with Hylebos Creek, Surprise Lake Creek, and Wapato Creek. Based on a review of maps in the environmental reevaluation document for that project, some of the stream relocation sites and riparian habitat restoration areas along the mainstem of Hylebos Creek would be affected by TDLE. The restored areas along Hylebos Creek will be returned to the Puyallup Tribe of Indians when WSDOT completes construction. Careful coordination between Sound Transit, WSDOT and the Puyallup Tribe would be essential in these areas to avoid or minimize effects on restored areas.

The SR 167 Completion Project would also enlarge or replace several existing stream-crossing structures in the urban stream basins of Hylebos Creek and Wapato Creek, which cross the TDLE study area, and would maintain or improve fish passage, as well as provide additional movement opportunities for terrestrial wildlife, including under I-5 (FHWA and WSDOT 2018).

Several of the wetlands affected by the SR 167 Completion Project fall within the TDLE study area (FHWA and WSDOT 2018). If these wetlands are diminished or eliminated before TDLE construction begins, TDLE-related wetland impacts would decrease. Even if this is the case, the impacts of the TDLE Fife Segment build alternatives on wetlands in the Hylebos Creek and Wapato Creek watersheds would contribute cumulatively to those of the SR 167 Completion Project. Another consideration is mitigation for wetland impacts of both the SR 167 Completion Project and TDLE. The TDLE study area includes some sites that are currently under construction for habitat restoration to mitigate for wetland impacts from the SR 167 Completion Project (FHWA and WSDOT 2018). If TDLE affects a wetland mitigation site for the SR 167 Completion Project, additional mitigation requirements may be triggered.

Coupled with the impacts of the past, present, and future projects described above, the impacts of the build alternatives could contribute cumulatively to reductions in the area and function of ecosystem resources in the study area. This could affect stream water quality, wetland function, wildlife habitat availability and connectivity, and fish habitat. The potential for future projects to adversely affect ecosystem resources in the study area would be limited through compliance with regulatory requirements and development of compensatory mitigation during the permitting processes with federal, state, local, and Tribal resource agencies. Sound Transit will adhere to mitigation sequencing requirements during project design to ensure that project impacts are avoided and/or minimized to the degree feasible. These reviews and permitting processes would trigger the development and implementation of compensatory mitigation for unavoidable impacts on wetlands, streams, and their buffers.

5.4.10 Water Resources

Over time, new development and redevelopment are expected to bring many existing pollution-generating surfaces up to current standards of flow control and water quality treatment for stormwater runoff. Improvements in stormwater runoff control and water quality would occur over time with or without TDLE. This would result in a net benefit for the hydrology and water quality within the study area.

The SR 167 Completion Project anticipates having impacts to several water resources in the TDLE study area, including Hylebos Creek (which includes the Surprise Lake Tributary), Wapato Creek, and the Puyallup River. Impacts were generally estimated for land use, hydrology, flooding, water quality, and the proposed Riparian Restoration Program (FHWA and WSDOT 2018). The Riparian Restoration Program is a watershed strategy for stormwater management that will use an innovative approach to conventional flow control facilities to reduce flood levels, improve degraded stream and riparian corridor habitat, and provide benefits to fish and wildlife. The increase to impervious surfaces in areas being converted to roadway would be designed using current standards and could be expected to result in improvements in the hydrology and water quality of the streams within the overlap of the project corridors. The project design includes mitigation strategies to offset impacts to floodplains and other water resources and, as a result, would not be expected to have cumulative adverse impacts on water resources within the TDLE study area.

The TDLE project design has taken factors related to climate change and their potential impacts to water resources under consideration for all alternatives. These considerations include structure sizing at roadway crossings, as well as channel modification designs for those crossings subject to sea-level rise impacts, increased erosion, or sedimentation. Hydrologic changes would be incorporated as a part of updated hydraulic modeling performed as the design progresses. As a result, these design inclusions would benefit the hydrologic systems of the stream basins within the study area by providing a buffer against related climate uncertainty and the associated impacts.

5.4.11 Energy

TDLE is not anticipated to contribute to a cumulative adverse impact with respect to energy. Given the regional scale of the energy analysis and the scope of the travel demand model used for the analysis, the long-term cumulative impacts of the proposed project are accounted for in the analysis described in Section 4.10. The cumulative energy impacts of reasonably foreseeable actions noted in this chapter would be negligible on the local and regional scale.

5.4.12 Geology and Soils

TDLE would be entirely within a highly urbanized area. In general, surface geology and soils conditions have already been substantially altered. The relatively small changes, including the reworking of soil, minor earthworks and grade changes, and minor changes to slope stability, would have little or no meaningful impact to existing, long-term geologic, hydrogeologic, or soils conditions and are not expected to result in adverse cumulative impacts when added to potential impacts for other reasonably foreseeable actions expected within the study area.

5.4.13 Hazardous Materials

Environmental regulations at both a state and a federal level generally require the identification and cleanup/removal of historical hazardous materials sites and remediation of hazardous materials. Any hazardous materials identified during evaluation of acquisitions or encountered during construction of all reasonably foreseeable projects would be cleaned up or remediated during project development or during future development projects. Thus, the cleanup of existing contaminated sites in the study area would be accelerated with the TDLE project and other projects would result in a beneficial cumulative impact.

5.4.14 Electromagnetic Fields

As described in Section 4.13, TDLE would not result in electromagnetic interference that causes sensitive electronic equipment to malfunction. There is no known sensitive equipment in the study area, and the use of electromagnetic interference to operate light rail is unlikely to generate health impacts for riders or people along the tracks. Although an increase in employment and population along the project corridor could increase the demand for electrical power and could increase the number of sources and cumulative intensity of EMFs, no areas were identified where electromagnetic interference would combine with past, present, or reasonably foreseeable actions to result in human health effects or disturbance to sensitive equipment.

5.4.15 Public Services, Safety, and Security

Regional population growth has resulted in an increased demand for public services, which is expected to increase as the region continues to grow. TDLE would not add any unplanned growth in the area, but would support planned growth. Existing services, such as police and emergency service providers, would continue to be available in the areas they currently serve, as well as any expanded services that may be added to accommodate planned growth within the area. Station design and security services along the light rail system would minimize crime incidents and would not contribute to a cumulative impact.

5.4.16 Utilities

Light rail service could encourage development of property in and around the project area, which could increase demand for utility services. However, local governments and public utilities have already accounted for this planned growth in adopted local land use plans and policies. Development near the project would be consistent with what is allowed in the adopted land use plans and current local development regulations. Therefore, the cumulative impacts on utilities would be negligible and in accordance with planned growth. Any increased need for utilities, such as electricity, would be mitigated by Sound Transit by working directly with public utility providers.

5.4.17 Historic and Archaeological Resources

All build alternatives would have the potential to affect historic or archaeological resources within the study area. The settings surrounding these resources have been altered by past and present redevelopment and general changes in uses surrounding them. The reasonably foreseeable actions in the project vicinity may have direct impacts on historic or archaeological resources in the study area in addition to the TDLE impacts, as identified in Section 4.16.

Incrementally, new infrastructure and development patterns have changed, and will continue to change, the historic setting of resources as a result of past and ongoing urbanization. Changes in zoning by the local jurisdictions could result in redevelopment altering the character of neighborhoods, which could impact historic properties. Because at least one historic resource will be adversely affected by all of the alternatives, TDLE would contribute to cumulative impacts to historic resources.

Redevelopment also has the potential to disturb archaeological resources. Incrementally, TDLE could contribute to a cumulative impact on archaeological resources. However, Sound Transit would work to identify potential archaeological resources in the TDLE study area to inform final design prior to construction. In addition, the project would have an Inadvertent Discovery Plan to address the potential discovery of archaeological resources during construction.

FTA, in consultation with Washington SHPO, the affected Tribes, and other consulting parties, will execute a Section 106 Programmatic Agreement to resolve adverse effects (see draft Programmatic Agreement, Appendix J5). The agreement will identify parties responsible for complying with elements of the agreement and will outline mitigation measures for impacts to historic and archaeological resources. When combined with past, present, and foreseeable actions, and taking into account mitigation, the project would make a minor contribution to cumulative effects on historic and archaeological resources.

5.4.18 Park and Recreational Resources

One new park (Cappa Park) is planned to be developed in the Fife Segment and is partially within the footprint of all of the alternatives in Fife. The timing of Cappa Park's development is unknown and could potentially overlap with TDLE construction. With any of the alternatives in the Fife Segment, columns and elevated guideway would be located within the planned Cappa Park. Depending on the alternative, columns and elevated guideways would be located along the north or south boundary of the site. Temporary construction impacts, such as impacts to access or some dust or noise, could occur. Sound Transit will continue to coordinate with the City of Fife as planning for the new park and TDLE continue. No major additional changes to parks or recreational resources, including Section 6(f) and RCO properties, by TDLE or other reasonably foreseeable future projects or actions are anticipated. Population and employment growth are expected to occur under both the No-Build and the project alternatives and would likely increase the use of parks and recreational facilities throughout the project area.

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

DRAFT EIS SUPPORT INFORMATION

Appendix A

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

List of Supporting Information

A.1 LIST OF PREPARERS A-1

A.2 DISTRIBUTION LIST A-8

A.3 ACRONYMS AND GLOSSARY A-11

A.4 REFERENCES A-27

A.1 LIST OF PREPARERS

Sound Transit

Tim Bates, Senior Land Use Planner
B.A. Geography (2006)
Master of City Planning (2011)

Paul Bennett, South Corridor Design Manager (retired)
B.S. Civil Engineering (1977)
M.S. Civil Engineering (1990)
M.S. Environmental Engineering (1998)

Elma Borbe, Environmental Planner, EIS Lead
B.A. Community, Environment, and Planning (1987)
M.U.P. Master of Urban Planning (1992)

Sue Comis, South Corridor Transit Development Manager (retired)
B.A. Psychology (1975)
M.U.P. Master of Urban Planning (1980)

Erin Green, South Corridor Environmental Manager, EIS Lead
B.A. Environmental Policy and Planning (2009)

Curvie Hawkins, High Capacity Transit Project Director
B.S. Economics (1995)
Master of City and Regional Planning (2000)

Dezerae Hayes, Tribal Relations Director
Associate of Arts (2006)
B.A. Clinical Psychology (2008)
M.A. Public Administration (2010)
M.A. Tribal Planning (2012)
Ph.D. (2022)

Steve Kennedy, South Corridor Environmental Manager (retired)
B.A. Urban Studies (1972)
M.U.P. Urban Planning (1978)

Chelsey Levy, Deputy Executive Director, Capital Project Development
B.A. Sociology/ Anthropology (2002)
M.U.P. Master of Urban Planning (2008)
M.A. Master of Public Administration (2008)

Daniel Maggioncalda, High Capacity Project Manager
M.P.A. Environmental Policy (2022)
B.A. International Studies (2014)

Bien Mai, Transportation Safety and Security Manager
B.A. Mechanical Engineering (2003)

Sound Transit (continued)

Denis Martynowych, Senior Sustainability Planner and Designer (retired)
B.S. Biology (1978)
M. Arch. (1985)

Brooke O'Neill, Senior Environmental Permitting Specialist
B.S. Environmental Horticulture and Urban Forestry (2004)

Susan Penoyar, Environmental Manager
B.S. Civil Engineering (1983)
M.S. Civil Engineering (1984)

Sagar Ramachandra, Community Engagement Specialist,
B.A. Political Science (2012)
M.P.A. Master of Public Administration (2015)

Jennifer Schreck, Senior Cultural Resources Specialist
B.S. Art (1997)
M.S. Historic Preservation (2000)

Alexander Edward Stevenson, Cultural Resources Program Manager
B.A. Anthropology with concentration in Archaeology (2003)
M.S. Anthropology (2011)

Valerie Valero, Senior Civil Engineer
B.S. Civil Engineering (2012)
B.S. Architectural Engineering (2012)
M.S. Civil Engineering (2014)
Professional Engineer TX (2017)
Professional Engineer WA (2021)

Teresa Vanderburg, Senior Environmental Permitting Specialist
B.S. Biology (1984)
M.S. Environmental Science and Policy (1988)

Diane Wiatr, High Capacity Transit Development Manager
B.A. Latin American and Environmental Studies (1984)
M.U.R.P: Transportation and Historic Preservation (2003)

Gary Yao, Senior Current Planner
B.S. Public Policy, Management, and Planning (2011)

HDR

Kathryn O'Brien, Project Manager
B.S. Speech Communications (1988)
M.S. Urban Planning (1995)

Molly Larson, Lead Engineer
B.S. Civil Engineering (2007)
P.E. Washington

HDR (continued)

Ed Herald, Lead Engineer (retired)
B.S. Civil Engineering (1984)
P.E. California

Mark Peterson, Project Engineer
B.S. Civil Engineering (2007)
M.S. Civil Engineering (2012)
P.E. Washington

Charline Fox, CADD/Project Engineer
A.A.S. Drafting (1998)

Eleanor Smith, GIS Mapping
B.S. Environmental Sciences (2017)

Keith Lay, Air Quality and Greenhouse Gas Emissions
B.S. Civil Engineering (1998)

Parametrix

John Perlic, Project Manager
B.S. Civil Engineering (1983)
M.S. Civil Engineering (1989)
P.E. Washington

Daryl Wendle, Project Advisor
B.A. English (1986)
M.A. English (1988)

Jill Czarnecki, Environmental Lead and Project Manager
B.S. Geology (1997)
Certificate in Technical Writing and Editing (2001)

Savannah Moore, Environmental Support
B.A. Psychology (2014)

Ryan LeProwse, Transportation
B.S. Civil Engineering (1999)

Erinn Ellig, Transportation
B.A. Geography (2011)
M.U.P. Urban Planning (2013)

Alicia McIntire, Transportation
B.A. Urban and Regional Planning (1996)

Daniel Harris, Transportation
B.A. Linguistics, Psychology (2010)
M.C.R.P City and Regional Planning (2014)

Josh Ahmann, Acquisitions, Displacements, and Relocations, GIS
B.S. Geography (2003)
M.U.R.P. Urban and Regional Planning (2008)

Parametrix (continued)

Erin Ferguson, Land Use, Social Resources, Community Facilities, and Neighborhoods, Environmental Justice, Parks and Recreational Resources, and Section 4(f)
B.A. Politics and International Relations (2004)
Juris Doctorate (2007)

Jens Swenson, Visual and Aesthetic Resources
B.L.A. Landscape Architecture (1989)
PLA Washington

Mike Hall, Ecosystem Resources
B.A. Music History (1990)

Anna Hoenig, Ecosystem Resources
B.A. Biology (2007)
M.S. Ecology and Evolutionary Biology (2010)

Tad Schwager, Ecosystem Resources

Josh Wozniak, Ecosystem Resources
B.A. Biology (1991)
M.S. Molecular Biology (1993)

Julie Brandt, Water Resources
B.S. Civil Engineering (1997)
P.E. Washington and Oregon

Lindsay Cotnoir, Water Resources
B.S. Environmental Science (2016)
M.S.C.E. Environmental Engineering (2022)

Arianna Frender, Water Resources
B.A. Political Science (2004)
M.S. Civil and Environmental Engineering - Hydrology and Hydrodynamics (2019)

Adam Romey, Hazardous Materials, Geology and Soils
B.A. Anthropology (1997)
B.S. Geology (2003)
LG, Washington

Kelly Carini, Hazardous Materials, Geology and Soils
B.A. Environmental Studies (2009)

Mike Brady, Hazardous Materials
B.S. Geology – Environmental Geology Concentration (2004)
LG, LHG Washington

Brittany Velo, Utilities
B.S. Civil Engineering (2010)
P.E. Washington

Matt Austin, Utilities
B.A. Civil Engineering (2006)
P.E. Washington

Parametrix (continued)

Margaret Spence, Energy, Electromagnetic Fields
B.S. Mathematical Sciences (1988)
M.S. Applied Statistics-Biometry (1990)

Katheryn Seckel, Public Services, Safety, and Security
B.A. Urban and Regional Planning (1996)
Certificate, Wetland Science and Management (2006)

Eddie Montejo, Environmental Justice support
B.A. Environmental Studies/Minor in Solar and Renewable Energy (2013)
Master of Urban and Regional Planning (2015)

Chad Tinsley, GIS
B.A. Geography (2010)
Master of GIS (2015)

Debbie Fetherston, Publications Supervisor
Ballard High School (1983)

Susan Swift, Editor
B.S. Biology (1990)
Master of Urban and Regional Planning (1999)
Certificate of Editing, University of Washington (2020)

Jill McLain, Editor
Green River Community College, Court Reporting (1983)

Patricia Yi, Graphics
B.F.A., Graphic Design (1996)

ECONorthwest

Jennifer Cannon, Land Use and Economics
B.A. Environmental Policy and Planning (2000)
M.A. Urban and Regional Planning (2010)
M.P.H. Public Health (2019)
AICP, GISP

Morgan Shook, Land Use and Economics
B.S. Molecular Biology (1997)
M.A. Urban and Regional Planning (2005)
AICP

Ryan Ulsberger, Land Use and Economics
B.A. Sustainable Urban Development (2012)
M.S. Geospatial Technologies (2015)

Taylor Burton, Land Use and Economics
B.A. Sociology (2018)

Joel Ainsworth, Land Use and Economics
B.A. Economics (2010)
M.S. Applied Economics (2014)

TwoHundred

John Barden, Visual and Aesthetic Resources
B.A. Environmental Design (1988)

Jeff Richards, Visual and Aesthetic Resources
M.F.A. Sculpture (1990)

Morgan Richards, Visual and Aesthetic Resources
B.S. Technical Journalism (1987)

Cross Spectrum Acoustics Inc.

Lance Meister, Noise and Vibration
B.S. Civil Engineering (1994)

Joelle Suits, Noise and Vibration
B.S. Mechanical Engineering (2011)
M.S.E. Mechanical Engineering (2013)

Scott Edwards, Noise and Vibration
B.S.E. Acoustical Engineering and Music (2010)

Aqua Terra Cultural Resource Consultants

Sarah Amell, Archaeological Resources
B.A. Anthropology and Wet-Site Archaeology (2003)
M.A. Maritime Archaeology (2006)

Andrew Viloudaki, Archaeological Resources
B.A. Anthropology (2012)
M.A. Anthropology/Archaeology (2017)

Edgar Huber, Archaeological Resources
B.A. Anthropology (1978)
M.A. Anthropology/Archaeology (1984)
Ph.D. Anthropology/Archaeology (1993)

Jessica Morris, Archaeological Resources
B.A. Anthropology (2010)
M.S. Cultural and Environmental Management/Archaeology (2019)

Historical Research Associates, Inc.

Ron Adams, Archaeologist
B.A. Anthropology (1995)
M.A. Archaeology (2001)
Ph.D. Archaeology (2007)

Chrisanne Beckner, Senior Architectural Historian
B.A. English (1988)
M.A. English (1999)
M.S. Historic Preservation (2009)

Historical Research Associates, Inc. (continued)

Brent Hicks, Principal Archaeologist and Project Manager (retired)
B.A. Anthropology (1986)
B.A. Recreation and Parks Administration (1987)
M.A. Anthropology (1991)

Gabe Frazier, GIS Coordinator
B.A. Anthropology (2005)
Certificate in Geographical Information Systems Sciences and Technologies (2011)
M.S. Geography (2013)

Michele Punke, Project Manager, Senior Archaeologist and Geoarchaeologist
B.A. English/Archaeology (1996)
M.A.I.S. Anthropology/Geosciences (2001)
Ph.D. Physical Geography (2005)

Lauren Waldroop, Architectural Historian
B.S. Environmental Design (2014)
B.S. German (2014)
M.H.P. Historic Preservation (2017)

Matt Warren, Archaeologist
B.A. Anthropology (2009)
B.A. Biology (2009)
M.A. Anthropology (2014)
Ph.D. Anthropology (2019)

EnviroIssues

Alayna Linde, Public Engagement
B.A. Chemistry (2010)
M.S. Environmental Studies (2013)

Chris Johnstone, Public Engagement
B.A. Environmental Studies (2015)

A.2 DISTRIBUTION LIST

Federal Agencies

Advisory Council on Historic Preservation
Bonneville Power Administration
Federal Aviation Administration, Northwest Mountain Region
Federal Emergency Management Agency
Federal Highway Administration, Washington State Division
Federal Motor Carrier Safety Administration
Federal Railroad Administration
Federal Transit Administration
Maritime Administration
National Oceanic and Atmospheric Administration (NOAA Fisheries)
United States Army Corps of Engineers
United States Bureau of Indian Affairs, Northwest Region
United States Coast Guard
United States Department of Homeland Security, Transportation Security Administration
United States Department of Housing and Urban Development, Region 10
United States Department of the Interior/National Park Service
United States Environmental Protection Agency (Region 10)
United States Fish and Wildlife Service

Tribes

Muckleshoot Indian Tribe
Nisqually Indian Tribe
Puyallup Tribe of the Puyallup Reservation
The Confederated Tribes and Bands of the Yakama Nation

State Agencies

Washington State Department of Archaeology and Historic Preservation
Washington State Department of Ecology
Washington State Department of Fish and Wildlife
Washington State Department of Natural Resources
Washington State Department of Transportation
Washington State Recreation and Conservation Office

Regional Agencies

Puget Sound Clean Air Agency
Puget Sound Regional Council
South King Fire and Rescue

Counties

King County
Pierce County

Transit Agencies

King County Metro Transit
Pierce Transit

Local Agencies

City of Federal Way
City of Fife
City of Milton
City of Tacoma
Port of Tacoma/Northwest Seaport Alliance

Utility Providers

AT&T
British Petroleum
CenturyLink/Lumen
Click! Network
Comcast
Lakehaven Water and Sewer District
Lightcurve (formerly Rainier Connect)
Lumen
McChord Pipeline Company
Puget Sound Energy
Zayo

Libraries

Federal Way Regional Public Library

Federal Way 320th Library

Fife Library

Milton/Edgewood Library

Tacoma Public Library Mottet Branch

A.3 ACRONYMS AND GLOSSARY

Acronyms and Abbreviations

ACS	American Communities Survey
ADA	Americans with Disabilities Act
ADT	average daily traffic
APE	Area of Potential Effects
APTA	American Public Transportation Association
Belmor	Belmor Mobile Home Park
BIA	Bureau of Indian Affairs
BMP	best management practice
Board	Sound Transit Board
BPA	Bonneville Power Administration
BRT	bus rapid transit
CFR	Code of Federal Regulations
CLOMR	Conditional Letter of Map Revision
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
COVID-19	Coronavirus Disease 2019
cPAH	carcinogenic polyaromatic hydrocarbon
CPP	Countywide Planning Policy
CPTED	crime prevention through environmental design
DAHP	Washington Department of Archaeology and Historic Preservation
dB	decibel
dBA	A-weighted decibel
DMU	diesel multiple unit
Ecology	Washington State Department of Ecology
EIS	environmental impact statement
EMF	electromagnetic field
EMT	emergency medical technician
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act
FAZ	Forecast Analysis Zone
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
Fife Median	Fife Pacific Highway Median
FMC	Fife Municipal Code
FTA	Federal Transit Administration
FW	Federal Way
FWLE	Federal Way Link Extension
GHG	greenhouse gas

Acronyms and Abbreviations (continued)

GIS	geographic information system
GMA	Growth Management Act
HCT	high-capacity transit
HHS	United States Department of Health & Human Services
HOV	high-occupancy vehicle
HPA	Hydraulic Project Approval
HSS	highways of statewide significance
HUD	United States Department of Housing and Urban Development
Hz	Hertz
I-5	Interstate 5
I-705	Interstate 705
IEEE	Institute of Electrical and Electronics Engineers
IPPC	Intergovernmental Panel on Climate Change
ISO	International Organization for Standardization
kV	kilovolt
LWCF	Land and Water Conservation Fund
Ldn	day-night sound level
LEED	Leadership in Energy and Environmental Design
Leq	equivalent sound level
Lmax	maximum sound level
Ln	percentile sound level
LOMR	Letter of Map Revision
L.O.S.	level of service
LRT	light rail transit
LUST	leaking underground storage tank
LWCF	Land and Water Conservation Fund
Metro	King County Metro
MMPA	Marine Mammal Protection Act
MOA	memorandum of agreement
M.O.S.	minimum operable segment
MOVES	Motor Vehicle Emission Simulator
MSAT	Mobile Source Air Toxics
MSDS	Material Data Safety Sheets
MTCO2e	metric ton of carbon dioxide equivalent
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service
NPDES	National Pollutant Discharge Elimination System
NPGIS	nonpollution-generating impervious surfaces
NRHP	Nation Register of Historic Places
O_3	ozone
OFM	Washington State Office of Financial Management

Acronyms and Abbreviations (continued)

OHWM	ordinary high water mark
OMF	operations and maintenance facility
OMF South	Operations and Maintenance Facility South
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PGIS	pollution-generating impervious surfaces
PM_{10}	particulate matter less than 10 micrometers
$PM_{2.5}$	particulate matter less than 2.5 micrometers
PSCAA	Puget Sound Clean Air Agency
PSE	Puget Sound Energy
PSRC	Puget Sound Regional Council
Puyallup Tribe of Indians	Puyallup Tribe of the Puyallup Reservation
RCW	Revised Code of Washington
RCO	Washington State Recreation and Conservation Office
RMS	root square mean
ROD	Record of Decision
RTP	Regional Transportation Plan
SEPA	State Environmental Policy Act
SF	South Federal Way
SHPO	State Historic Preservation Officer
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
St.	Saint
SWMMWW	Stormwater Management Manual for Western Washington
Tacoma Power	Tacoma Public Utilities-Power
TCP	traditional cultural property
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension
THPO	Tribal Historic Preservation Officer
TOD	transit oriented development
TPSS	traction power substation
USACE	United States Army Corps of Engineers
USC	United States Code
U.S. DOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
v/c	volume-to-capacity
VCP	Voluntary Cleanup Program
VdB	vibration decibels
VHD	vehicle hours delay
VHT	vehicle hours traveled
VMT	vehicle miles traveled
VOC	volatile organic compound
WAC	Washington Administrative Code

Acronyms and Abbreviations (continued)

WDFW	Washington State Department of Fish and Wildlife
WHR	Washington Heritage Register
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation
Yakama Nation	Confederated Tribes and Bands of the Yakama Nation

Glossary of Terms

Air pollutant. Smoke, dust, fumes, or odors in the ambient air that have the potential for harmful effects.

Alignment. Horizontal geometric elements that define the location of the light rail track or roadway.

Archaeological sensitivity zone. An area where the potential for finding an archaeological resource is high. See **high probability areas.**

Aquatic resource. The physical elements of the aquatic environment, such as streams, rivers, lakes, and shorelands, as well as life forms such as aquatic plants and fish that live within the aquatic environment.

Aquifer. An underground layer of water-bearing permeable rock or unconsolidated materials (gravel, sand, or silt) from which groundwater can be extracted using a water well.

Arterial. A major thoroughfare used mainly for through traffic rather than access to adjacent property. Arterials generally have greater traffic-carrying capacity than collector or local streets and are designed for continuously moving traffic.

Artifact. Any portable object used and/or modified by civilization (particularly during prehistoric times).

At-grade profile. Where the light rail track is at the same grade (ground level) as the surrounding terrain.

Attainment area. An attainment area is an area considered to have air quality as good as or better than the national ambient air quality standards for specific pollutants as defined in the Clean Air Act.

A-weighted sound level (dBA). The A-weighted sound level has been widely adopted by acousticians as the most appropriate descriptor for environmental noise. The noise measurement program monitored A-weighted sound levels, expressed in dBA (see Decibel).

Ballast. Gravel or coarse stone used to form the bed of a railroad track or road.

Best management practices (BMPs). Approved physical, structural, and/or managerial practices that, when used singularly or in combination, prevent or reduce pollutant discharges.

Buffer. An area adjacent to a critical area (e.g., wetland or stream) that functions to avoid loss or decline in ecological functions and values. In addition to preserving the ecological functions of a wetland system, a buffer physically isolates a critical area from potential disturbance and harmful intrusion, and works to minimize risk to the public from loss of life, well-being, or property damage.

Capacity, person. The maximum number of persons that can be carried past a given location during a given time period under specified operating conditions without unreasonable delay, hazard, or restriction. Usually measured in terms of persons per hour.

Capital costs. Nonrecurring costs required to construct transit systems, including costs of right- of-way, facilities, rolling stock, power distribution, and the associated administrative and design costs, as well as financing charges during construction.

Glossary of Terms (continued)

Carbon monoxide (CO). A colorless, odorless, tasteless gas, and one of the United States Environmental Protection Agency's criteria air pollutants released from automobile exhaust.

Census tract. A census tract is a small subdivision of an urban area used by the United States Census Bureau to identify population and housing statistics. Census blocks are subdivisions of census tracts and are the smallest unit of census geography for which the Census Bureau collects data. The boundaries of census blocks are generally streets or other notable physical features and often correspond to a city block. A census block group is a combination of census blocks, typically encompassing two to four city blocks.

The United States Census collects some information at the block level, some at the block group level, and some at the tract level.

Concentration (also, level). A measure of the air pollutant in the ambient air, having the units of mass per volume.

Conformity (air quality). A process that ensures federal funding and approval goes to transportation activities consistent with federal air quality goals. The Federal Highway Administration and the Federal Transit Administration jointly determine that specific regions meet air quality standards.

Construction staging area. During construction, a site temporarily used for materials or equipment storage, assembly, or other temporary, construction-related activities.

Criteria air pollutants. Those air pollutants that have been recognized by the United States Environmental Protection Agency as potentially harmful and for which standards have been set to protect the public health and welfare. The criteria air pollutants are carbon monoxide, sulfur dioxide, particulates, nitrogen dioxide, ozone, hydrocarbons, and lead.

Day-night sound level (Ldn). The day-night sound level (Ldn) is the noise descriptor commonly used for assessing the noise impact of rail projects at residential land uses. Ldn is a 24-hour cumulative A-weighted noise level that includes all noises that occur during a day, with a 10-dB penalty for nighttime noise (10 p.m. to 7 a.m.). This weights Ldn toward nighttime noise because most people are more easily annoyed by noise during the nighttime hours when background noise is lower and most people are sleeping.

dBA. The sound level obtained through the use of A-weighting characteristics specified by the American National Standards Institute (ANSI) Standard S1.4-1971. The unit of measure is the decibel (dB), commonly referred to as dBA when A-weighting is used. The "A" weighting scale closely resembles human response to noise.

***de minimis* impacts**. Section 4(f) *de minimis* impacts cannot "adversely affect the activities, features, and attributes" of a Section 4(f) resource. For public parks or recreation properties, a *de minimis* impact finding requires written concurrence from the agency with jurisdiction over the property. For historic and archaeological sites, a *de minimis* impact is allowed if the Federal Transit Administration (FTA) has determined "no adverse effect" in compliance with Section 106 of the National Historic Preservation Act of 1966. When FTA has made a *de minimis* determination, the project is not required to analyze avoidance alternatives for that Section 4(f)property.

Decibel (dB). The unit used to measure the loudness of noise.

Glossary of Terms (continued)

Dewatering. The temporary removal of ground or surface water from a construction area to allow construction to be done under dry conditions.

Displacement. A property acquisition that would require removing an existing use.

Elevated mainline. A mainline that is positioned above the normal activity level (e.g., elevated structure for light rail to cross over a street).

Emission. Particulate, gaseous, noise, or electromagnetic byproducts of the transit system or vehicle.

Endangered species. According to the Endangered Species Act of 1973, an endangered species is any species in danger of extinction throughout all or a significant portion of its range, other than an insect determined by the Secretary of the Interior to constitute a pest whose protection under the provisions of this act would present an overwhelming and overriding risk to man.

Equivalent level (Leq). Leq is a measure of sound energy over a period of time. It is referred to as the equivalent sound level because it is equivalent to the level of a steady sound which, over a referenced duration and location, has the same A-weighted sound (dBA) energy as the fluctuating sound.

Forest habitat. In the Puget Sound lowlands, a habitat type generally dominated by Douglas-fir, western red cedar, and western hemlock, frequently with a hardwood understory. The ground cover is generally lush. Birds and small mammals abound, and larger mammals are common in large stands.

Full acquisition. The full parcel would be acquired, and the current use would be displaced. Full acquisitions include parcels that might not be fully needed for the project but would be affected to the extent that current uses would be substantially impaired (e.g., loss of parking or access).

Glacial till. This type of soil typically consists of a diverse mix of gravelly sand with scattered cobbles and boulders in a clay/silt matrix. It is very dense and is locally referred to as “hardpan.” The predominant glacial till encountered in the project area is Vashon-age glacial till.

Grade separated. Parallel or crossing lines of traffic that are vertically or horizontally physically separated from each other and do not share a common intersection.

Greenhouse gas (GHG). Greenhouse gases include carbon dioxide (CO_2), methane (CH_4), ozone (O_3), water vapor, nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF6). These gas emissions are collectively leading to the greenhouse effect, trapping the sun’s solar rays and leading to an increase in Earth temperature.

Groundborne noise. Noise that is transmitted through the ground, typically reported in decibels.

Groundborne vibration. A small but rapidly fluctuating motion transmitted through the ground, typically reported as velocity or acceleration.

Glossary of Terms (continued)

Habitat function. Terrestrial plant communities, wetlands, and aquatic systems such as streams that provide a variety of functions in the environment. For instance, depending on the condition and location of a wetland, wetland functions might include water quality improvement, groundwater recharge, nutrient and sediment filtering, and habitat for a variety of animals, as well as education and recreation opportunities for people — the habitat function is one of several functions potentially performed by wetlands. Similarly, terrestrial and aquatic systems each also may perform many functions. When they provide habitat for animals, they are said to be performing or providing a "habitat function."

Habitat value. The value of a plant community's function as determined by the habitat's ability to support the needs of biological species. High-value habitats are those that support or may support threatened, endangered, and/or sensitive species as determined by federal, state, and local jurisdictions.

Hazardous materials. Hazardous materials are materials that, because of their chemical, physical, or biological nature, pose a potential risk to life, health, or property when released. Such materials include hazardous waste, dangerous waste, hazardous substances, and toxic substances.

Headway. The headway between vehicles in public transit systems is the amount of time (usually in minutes) that elapses between two vehicles passing the same point traveling in the same direction on a given route.

High-capacity transit (HCT). A system of public transportation services within an urbanized region operating principally on exclusive rights-of-way; examples include light rail transit or express buses on exclusive bus ways and their supporting services.

High probability areas. Areas that have moderate, high, or very high probability of containing archaeological materials according to Washington State Department of Archaeology and Historic Preservation's predictive model.

Hours of service. The number of hours during the day between the start and end of service on a transit route, also known as the service span.

Indirect impacts. Impacts (i.e., effects) caused by the proposed action or alternative and occur later in time or are farther removed in distance but still reasonably foreseeable. Indirect impacts may include growth-inducing effects and other effects related to induced changes in the pattern of land use, population density, or growth rate, and related effects on air and water and other natural systems, including ecosystems (Code of Federal Regulations Title 40 Section 1508.1(g)(2)).

Interim terminus. A station where the project would operate until the next portion of the project can be built. The terminus would typically include a station with tail tracks extending beyond the station for layover of trains.

Lead Track. A track connecting a railroad yard or facility with a mainline track.

Leq. The equivalent steady-state sound level that, in a specified time period, would contain the same acoustic energy as the varying sound level during the same period; considers volume capacity, travel speeds, and delay.

Leq(h). The hourly value of Leq**.**

Glossary of Terms (continued)

Level of service (L.O.S.). A qualitative measure that represents the collective factors of travel under a particular volume condition. A measure of traffic congestion.

Light rail transit (also light rail). A mode of mass transportation comprising light rail vehicles that travel on steel tracks and are powered by electricity from overhead wires. This mode is characterized by its ability to operate in at-grade and/or grade-separated environments.

Link. Sound Transit's light rail system.

Low-income. A low-income person is a person whose median household income is at or below two times the federal Health and Human Services poverty guidelines. For 2020, two times the Department of Health and Human Services 2020 poverty guideline for a household of one was $25,520 annual income and for a household of four was $52,400 annual income in the 48 contiguous states.

Mainline. Track that is used for light rail vehicles or is the principal artery of a system to which other components (such as operation and maintenance facilities) are connected (see Elevated Mainline).

Maintenance area. Maintenance areas are geographic areas with a history of nonattainment of National Ambient Air Quality Standards (NAAQS) but that now consistently meet NAAQS.

Megawatt (MW). 1,000,000 watts.

Minimum operable segment (M.O.S.). The M.O.S. is defined by the Federal Transit Authority as "a segment of the Locally Preferred Alternative that provides the most cost-effective solution with the greatest benefits for the project. The M.O.S. must be able to function as a stand-alone project and not be dependent on any future segments being constructed" (FTA 2008).

Minority. A person who is:

- Black – A person having origins in any of the black racial groups of Africa;
- Hispanic or Latino – A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race;
- Asian – A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent;
- American Indian or Alaskan Native – A person having origins in any of the original people of North or South America, including Central America, and who maintains cultural identification through tribal affiliation or community recognition; or
- Native Hawaiian or Other Pacific Islander – A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

Minority population. Any readily identifiable groups of minority persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons (such as migrant workers or Native Americans) who will be similarly affected by the project.

Mobility. The ease of continuous movement along the transportation system.

Mode. A particular form or method of travel, such as pedestrian, bicycle, automobile, bus, or light rail.

Glossary of Terms (continued)

Model Toxics Control Act (MTCA). The Model Toxics Control Act Cleanup Regulation, Washington Administrative Code 173-340, implements the Model Toxics Control Act, Revised Code of Washington 70.105D, which addresses strict requirements for site discovery and reporting, site assessments, and site remediation. Most important, the regulation defines standard methods used to assess whether a site is contaminated or clean.

National Ambient Air Quality Standards (NAAQS). Federal limits on levels of atmospheric contamination necessary to protect the public from adverse effects on health (primary standards) and welfare (secondary standards).

National Historic Preservation Act of 1966 (NHPA). The Act that established the National Register of Historic Places and State Historic Preservation program and set forth guidelines and regulations for environmental review of projects involving federal funding.

National Register of Historic Places (NRHP). The official list of the nation's cultural resources determined to be worthy of preservation; the register is maintained by the National Park Service.

Network. A system of real or hypothetical interconnecting links that forms the configuration of transit routes and stops comprising the total system.

No-Build Alternative. The No-Build Alternative includes the transportation system and environment as they would exist without the proposed project.

Nonattainment area. An area designated by the United States Environmental Protection Agency as currently violating the National Ambient Air Quality Standards, based on archival air quality data.

Nonmotorized Transportation. Also known as Active Transportation, this primarily refers walking, bicycling and wheelchair travel, but also includes other small-wheeled modes of transportation like scooters and skates. Nonmotorized facilities are the infrastructure nonmotorized travelers use to get around, including sidewalks, bike lanes, and shared-use paths.

NO_X. Oxides of nitrogen (nitrogen oxide and nitrogen dioxide). The pollutants released during high-temperature combustion of fossil fuels such as diesel.

Off-peak. Those periods of the day when demand for transit service is not at a maximum.

Operating costs. Recurring costs incurred in operating transit systems, including wages and salaries, maintenance of facilities and equipment, fuel, supplies, employee benefits, insurance, taxes, and other administrative costs. Amortization of facilities and equipment is not included.

Operating revenue. The gross income from operation of the transit system, including fares, charter income, concessions, advertising, etc. Does not include interest from securities, nonrecurring income from sale of capital assets, etc.

Operational energy. The energy used for vehicle propulsion, facilities, and maintenance for a specified period, usually 1 year.

Overhead catenary system. Electrical transmission poles and lines that supply power to the light rail system.

Glossary of Terms (continued)

Parking utilization. The number of parking spaces being utilized at a given location; it is calculated as the total number of parking spaces occupied divided by the total parking supply at a given location.

Partial acquisition. Part of a parcel would be acquired, but the current use generally would not be displaced. In some instances, such as larger parcels that hold multiple uses, a business or residential unit on a parcel could be displaced, but most uses would remain.

Particulate matter. A mixture of extremely small particles and liquid droplets that is made up of a number of components, including acids (such as nitrates and sulfates), organic chemicals, metals, and soil or dust particles. The United States Environmental Protection Agency is concerned about particles that are 10 micrometers in diameter or smaller because those are the particles that generally pass through the throat and nose and enter the lungs.

Peak hour. The hour of the day in which the maximum demand for service is experienced, accommodating the largest number of automobile or transit patrons.

Peak period. A time period or periods when travel activity is at its heaviest.

Pedestrian level of service. An overall measure of walking conditions on a route, path, or facility.

Pollution-generating impervious surface (PGIS). Impervious surfaces considered to be a significant source of pollutants in stormwater runoff. Such surfaces include those subject to vehicular use, industrial activities (as defined in Washington State Department of Ecology's Stormwater Management Manual), or storage of erodible or leachable materials, wastes, or chemicals, and which receive direct rainfall or the run-on or blow-in of rainfall.

Preferred alternative. Following publication of the Draft Environmental Impact Statement (EIS), the Sound Transit Board identifies a preferred alternative, including route and station options. The Final EIS will further evaluate the preferred alternative as well as other alternatives. A preferred alternative is not an action or decision within the meaning of Washington Administrative Code 197-11-070.

Profile. The vertical position of the track in relation to surrounding terrain. Light rail profile types are at-grade, elevated, trench, retained fill, and tunnel.

Queue. A line of vehicles, bicycles, or persons waiting to be served by the system in which the flow rate from the front of the queue determines the average speed within the queue. Slowly moving vehicles or people joining the rear of the queue are usually considered part of the queue. The internal queue dynamics can involve starts and stops. A faster-moving line of vehicles is often referred to as a moving queue or a platoon.

Recreation and Conservation Office. The Washington State Recreation and Conservation Office is a state agency that manages grant programs to create outdoor recreation opportunities, protect the state's wildlife habitat and working farms and forests, and help return salmon from near extinction. The office supports the Recreation and Conservation Funding Board, Salmon Recovery Funding Board, Invasive Species Council, Governor's Salmon Recovery Office, and Habitat and Recreation Lands Coordinating Group.

Reliability. How often transit service is provided as promised; affects waiting time, consistency of passenger arrivals from day to day, total trip time, and loading levels.

Glossary of Terms (continued)

Retained fill profile. Where the trackway is built above the ground surface on fill with a retaining wall on one side or both sides.

Right-of-way. The corridor (horizontal and vertical space) owned by the transit agency for the transportation way.

Riparian habitat. A habitat type associated with stream or river margins and characterized by dense vegetation consisting primarily of willow, alder, and cottonwood species, supporting a wide variety of waterfowl, songbirds, amphibians, and small mammals.

Route. The course followed by a transit vehicle as a part of the transit system.

Runoff. The rainwater that directly leaves an area in surface drainage, as opposed to the amount that seeps out as groundwater.

Screenline. A screenline is an imaginary line across a section of freeways or arterials. Screenlines are often used in traffic analyses to determine how much volume is entering or exiting a particular area.

Section 106. Section 106 of the National Historic Preservation Act of 1966 established a procedure to review the potential effects on cultural resources by projects that involve a federal action.

Section 4(f). Section 4(f) of the U.S. Department of Transportation Act restricts the United States Department of Transportation's approval of projects affecting the following properties: publicly owned land from a public park, recreation area, or wildlife and waterfowl refuge, or any land from a significant historic site.

Section 401. Section 401 of the Clean Water Act is a certification program administered by the Washington Department of Ecology under guidelines of the United States Environmental Protection Agency to ensure projects applying for a Section 404 permit comply with state water quality standards and other requirements of the state law.

Section 404. Section 404 of the Clean Water Act is a permit program administered by the United States Army Corps of Engineers under guidelines by the United States Environmental Protection Agency to protect the nation's waters from dredged and fill sources.

Section 6(f). Section 6(f) of the Land and Water Conservation Act of 1965 established restrictions on, and replacement requirements for, the use of land acquired with funds authorized under the Land and Water Conservation Fund Act.

Sensitive receptor (auditory). A local area or site that supports activities easily disrupted by audio intrusions or distractions, such as a school, historic landmark, or residential neighborhood.

Sensitive view. A view that is identified by local jurisdictions as requiring protection.

Sensitive viewers. Viewers for which the landscape contributes to their enjoyment of their activity and aesthetic of their living environment. Park users or residents are more sensitive to change in the landscape than office workers or motorists.

Glossary of Terms (continued)

Service frequency. The number of transit units (vehicles or trains) on a given route or line that are moving in the same direction and pass a given point within a specified interval of time, usually 1 hour.

Social interaction. Intra-neighborhood communication and circulation using street, sidewalk, and bikeway connections between residential areas and community facilities, retail businesses, and employment centers. Also includes verbal interaction and telecommunications facilities.

Sound Transit 2 and Sound Transit 3. Packages of high-capacity transit investments in the regional transit system. Sound Transit 2 was adopted in July 2008. Sound Transit 3 was approved by Washington voters in November 2016.

Sound Transit District. Sound Transit's taxing district includes the most populated areas of King, Pierce, and Snohomish counties. The district generally follows the urban growth boundaries created by each county. For a district map see http://www.soundtransit.org/About-Sound-Transit/Taxing-district.

Sound wall. A barrier designed to protect residents or other sensitive receivers from high noise levels generated nearby, such as from a highway or light rail line.

Sounder. Sound Transit's commuter rail system, which travels from Lakewood to Everett, through Seattle.

Staging area. Section of land near a construction site designated for equipment and truck storage, maintenance, and warm-up prior to engagement in construction activities.

Stormwater. Stormwater is rain and snow melt that runs off surfaces such as rooftops, paved streets, highways, and parking lots. As water runs off these surfaces, it can pick up pollution.

Stormwater detention. The temporary storage of stormwater runoff and subsequent release at a slower rate.

Stormwater treatment. Stormwater ponds and underground vaults are used to remove sediments and dissolved metals from stormwater. They collect sediments on the bottom of the pond or vault, where maintenance workers can clean them out on a regular basis.

Straddle bent. Light rail guideway support that extends across the width of the street.

Subduction zone. An area where one crustal plate is descending below another. The Puget Sound area is close to a subduction zone, which is formed by the Juan de Fuca plate descending below the North American plate. This action can cause significant seismic activity.

Sustainability Plan. Sound Transit's *Sustainability Plan* gives an overview of the agency's efforts in reducing energy use, greenhouse gases, and air pollution. Sound Transit has developed nine sustainability priorities to guide its long-term achievements. They focus on expanding transit services and ridership, improving stations and facilities, and deploying the most fuel-efficient, clean, and cost-effective vehicles.

Terminus. A transit station located at the end of a transit line.

Threatened species. According to the Endangered Species Act of 1973, any species that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

Glossary of Terms (continued)

Total travel time. The total elapsed time between trip beginning and end, including travel, terminal, and waiting time.

Traction power substation. Electrical station that provides the power needed to drive the trains. The substations are housed in either standalone structures, or within transit stations, typically within or adjacent to the right-of-way.

Transfer time. The elapsed trip time required to change between modes (e.g., bus to light rail) or to transfer between routes of the same mode (e.g., bus to bus).

Transfer. The portion of a trip between two connecting transit lines, both of which are used for completion of the trip.

Transit. A transportation system principally for moving people in an urban area and made available to the public usually through paying a fare.

Transit center. A station with shelters where a large number of transit vehicles and passengers can be brought together with safety and convenience.

Transit oriented development (TOD). Transit oriented development emphasizes high-quality walking environments, mixed land uses, and high-density developments linked to transit. TOD creates a pattern of dense, diverse, pedestrian-friendly land uses near transit nodes that support higher transit patronage. “Equitable” transit-oriented development is development that enables all people, regardless of income, race, ethnicity, age, gender, immigration status or ability, to experience the benefits of dense, mixed-use, pedestrian-oriented development near transit hubs.

Travel time (in vehicle). The time required to travel between two points, not including terminal or waiting time.

Trip. The one-way movement of one person between the origin and the destination, including transfers, and the walk distance to and from the means of transportation.

Unity. In visual analysis, the visual coherence and compositional harmony of the landscape.

Use of Section 4(f) property. The use of Section 4(f) property, which includes publicly owned parks and recreation areas that are open to the public, publicly owned wildlife and waterfowl refuges, and historic sites of national, state, or local significance, is generally defined as a transportation activity that permanently or temporarily acquires land from a Section 4(f) property or that substantially impairs the important activities, features, or attributes that qualify the property as a Section 4(f) resource.

Vegetation clear zone. The area extending 11 feet beyond the light rail guideway footprint where tall shrubs and trees are not allowed to grow in order to protect the light rail overhead catenary system lines and tracks.

Vehicle hours traveled (VHT). The total vehicle hours expended traveling on the roadway network in a specified area during a specified time period.

Vehicle mile. An amount of travel equivalent to one vehicle traveling one mile.

Vehicle miles traveled (VMT). The total number of vehicle miles traveled within a specific geographic area over a given period of time.

Glossary of Terms (continued)

Vehicle occupancy. The number of persons per vehicle. Usually an average number for a specified trip type, area, and analysis year.

Vibration propagation. The transfer of vibration through soil or other media.

Vibration propagation test. A test that provides an estimate of vibration levels as a function of distance from a vibration source, in this case the light rail vehicle. Tests are done on the surface to evaluate propagation at-grade, or at the bottom of a bore hole for tunnel routes.

Vibration velocity. Vibration velocity is the basic measure of groundborne vibration. It is a measure of the rate at which particles in the ground are oscillating relative to the equilibrium point.

Viewer sensitivity. Refers to how viewers perceive the environment and what they find important. It can be affected by what the viewer is doing; the visual context; and the values, expectations, and interests of the viewer. Viewer sensitivity to the viewed environment is classified as low, average, or high.

View. A scene observed from a given vantage point.

Viewshed. An area of land, water, or other environmental element that is visible to the human eye from a fixed vantage point.

Visual amenity. An object or element (such as buildings or vegetation) that enhances the visual character of a view or area.

Visual character. Refers to identifiable visual information, including visual elements and major environmental features.

Visual quality. Refers to the evaluation of the visual experience to the public and is described in terms of vividness, intactness, and unity. *Vividness* refers to the way landscape components combine in distinctive and memorable visual patterns. *Intactness* refers to whether the natural and human-built visual patterns form a consistent landscape, or whether highly contrasting features intrude into the view. *Unity* refers to the visual coherence and compositional harmony of the landscape considered as a whole. Visual quality is an assessment of the visual character and is categorized as low, medium, or high, as follows:

> **Low visual quality.** Views that lack a dominant visual character in which there is a low level of fit between disparate elements. In some cases, these views appear disorganized, with features that seem out of place, or are views with some compositional harmony but include eyesore elements that can dominate one's perception.
>
> **Medium visual quality**. Views with a unity or compositional harmony between elements of the landscape that produce a pleasing overall impression in which encroaching elements are minor and do not substantially alter the perception of the landscape as a unit. These views lack vivid, memorable features and are generally characterized as common or ordinary.
>
> **High visual quality.** Views with vivid, memorable, distinctive features in a landscape with compositional harmony or that fit between elements of the landscape that is free from encroaching elements.

Glossary of Terms (continued)

Washington State Department of Ecology 303(d) List. The federal Clean Water Act, adopted in 1972, requires states to restore their waters to be “fishable and swimmable.” The Clean Water Act established a process to identify and clean up polluted waters. Every 2 years, all states are required to prepare a list of water bodies that do not meet water quality standards. This list is called the 303(d) list because the process is described in Section 303(d) of the Clean Water Act.

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

PUBLIC INVOLVEMENT AND TRIBAL AND AGENCY COORDINATION

Appendix B

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

Appendix B. Public Involvement and Tribal and Agency Coordination

The National Environmental Policy Act (NEPA) and Washington State Environmental Policy Act (SEPA) recognize the important role of public outreach and engagement throughout the environmental review process. Sound Transit is committed to engaging with Tribes, agencies, and the public throughout the planning, construction, and operation of the Tacoma Dome Link Extension (TDLE) and began to do so in the early phases of the project. Sound Transit has engaged with Tribes, neighborhood and community stakeholders, local transit partners, and city, county, state, and federal agencies in a variety of ways to inform and involve these groups in the project.

1 Outreach Goals and Objectives

TDLE is a part of the mass transit system expansion by Sound Transit, funded by the Sound Transit 3 initiative that voters approved funding for in 2016. It would provide approximately 10 miles of additional light rail service to the existing light rail network and will serve residents of Pierce and South King counties.

Public involvement and Tribal and agency coordination in the planning and environmental phases of the project play an important and ongoing role in developing station and route alternatives, identifying the preferred alternatives, conducting environmental review, and evaluating design refinements.

Throughout alternatives development and environmental review Sound Transit is committed to:

- **Engaging audiences and communities** most affected by the project and having conversations through a variety of communications channels.
- **Transparent**, inclusive, and accessible engagement and timely responses to questions.
- **Encouraging awareness of project benefits**, effects, and progress by sharing information and opportunities to get involved throughout the project.
- **Accountability to the public** by asking communities for feedback and being clear when and how it was used to make project decisions.
- **Accessibility to project information** with easy-to-read, understandable, and in-language materials, and engagement opportunities accessible to the communities where they are held.

Sound Transit has engaged a variety of audiences:

- **Agencies,** including agencies with jurisdiction or special expertise with respect to environmental issues.
- **Tribes,** including Tribal members, Tribal property owners, and government-to-government consultation with Tribes.
- **Neighborhood and community stakeholders,** including advocacy groups, businesses, communities of color, community-based organizations and cultural groups, current and future transit riders, immigrant and refugee populations, limited English-speaking populations, low-income households, people with disabilities, local residents (renters and homeowners), and social service organizations.

- **General public,** including people who live, work and commute in, through and around the Puget Sound region.
- **Property owners**, including homeowners, condominium owners, apartment complex owners and their tenants and staff, small and minority-owned businesses, and commercial property owners and their tenants.
- **Print, digital, and broadcast media**, including community, local, and ethnic media sources.

2 Chartered Group Engagement

Three chartered groups played important roles in the alternatives development process. A Stakeholder Group, an Elected Leadership Group, and an Interagency Group met in 2018 and 2019 and provided input and recommendations on alternatives. See Table B8-1 in Section B.8 of this appendix for a complete list of Stakeholder Group, Elected Leadership Group, and Interagency Group meetings.

The Stakeholder Group was comprised of community members, including residents, transit riders, business-owners and representatives of business and community organizations.

- The group provided a way for community members to inform the development of alternatives for the project. Members were able to highlight issues, consider trade-offs along the route, and make recommendations to the Elected Leadership Group on alternatives to study during environmental review and on preferred alternatives.
- The group was comprised of 25 to 30 community members across various interest areas. Members were identified by Sound Transit and jurisdictional partner staff and through a formal public application process in 2018. Membership was confirmed by the Elected Leadership Group.
- The group met six times over the course of 15 months in 2018 and 2019.

The Elected Leadership Group was comprised of the mayors of cities along the project corridor (Federal Way, Fife, Milton, Tacoma), a Puyallup Tribe Councilmember, King and Pierce County Executives, Sound Transit Board Members, and a Washington State Department of Transportation representative.

- The Elected Leadership Group served as a steering committee to make recommendations to the Sound Transit Board on alternatives and preferred alternatives to study during the Environmental Impact Statement (EIS) development. Other responsibilities included appointing community members to the Stakeholder Group, discussing corridor-specific issues and trade-offs, considering public and stakeholder group feedback, and contributing towards community consensus. Each jurisdiction along the service corridor was represented.
- The Elected Leadership Group met nine times over the course of 18 months in 2018 and 2019, ultimately providing a recommendation for a preferred alternative in the South Federal Way Segment and Tacoma Segment to the Sound Transit Board of Directors in mid-2019. A preferred alternative for the Fife Segment was not identified at that time. After the Elected Leadership Group made its recommendations on preferred alternatives in 2019, the group's purpose was achieved.

The Interagency Group consists of staff-level representatives from agencies and governments in the corridor, including the Puyallup Tribe of Indians; they convene on a near-monthly

schedule to work through technical coordination, preview alternatives, and review technical analysis under development. Their work was integrated with the Stakeholder Group and Elected Leadership Group in the lead-up to the identification of a preferred alternative. This group continues to meet in order to maintain understanding of the project's progress and advise on project development.

3 Station Area Workshops

The Stakeholder, Elected Leadership, and Interagency groups were supplemented by two series of Station Area Workshops in 2018. Sound Transit hosted station-specific workshops, inviting stakeholder organizations and local agency staff to gather input from the local communities on alternatives from each station area.

- Station Area Workshops were held in jurisdictions with planned stations, including South Federal Way, Fife, and Tacoma. Attendees included representatives from the Stakeholder, Interagency and Elected Leadership Groups, community and cultural organizations, Washington State Department of Transportation (WSDOT), local businesses and city staff.
- Workshops focused on gathering feedback from attendees on multimodal and transit connections at each station, station access, and station location to inform the design of each station.

The Station Area Workshops were another opportunity during alternatives development to gather input and feedback from communities that would be most impacted by the project.

4 Tribal Coordination and Consultation

TDLE would include construction and development of a light rail facility across ancestral and reservation lands of the Puyallup Tribe of Indians and may affect the Tribe's court-adjudicated treaty rights. In addition, Sound Transit and the Federal Transit Administration (FTA) have identified other Tribes that are likely to have interest in the project. As the lead agency with a federal trust responsibility, FTA is leading Tribal consultation with support from Sound Transit, which would continue throughout the project. FTA is consulting with four federally recognized Tribes for the TDLE project:

- Puyallup Tribe of Indians.
- Confederated Tribes and Bands of the Yakama Nation (Yakama Nation).
- Muckleshoot Indian Tribe.
- Nisqually Indian Tribe.

Government-to-government consultation with these Tribes was initiated through consultation letters sent by FTA in February 2018, followed by a formal invitation to participate in Scoping and the initiation of Section 106 consultation in April 2019. Through the consultation process, the Tribes have the opportunity to develop information, share environmental analyses, and review and provide comments on Section 106 and the Draft EIS prior to formal issuance.

During the environmental review process, FTA has engaged interested Tribes regarding potential cultural resources, as required under Section 106 of the National Historic Preservation Act. Additionally, the Puyallup Tribe of Indians is invited to participate in monthly meetings with

the City of Fife and the City of Tacoma, as well as meetings of the Elected Leadership Group, Interagency Group, and Stakeholder Group. Table B4-1 lists additional Tribal meetings that have occurred during the Draft EIS development.

Table B4-1 List of Tribal Meetings

Meetings	Date
Tribal Council meetings where FTA and Sound Transit provided a briefing	2/20/2019, 8/11/2022, 11/16/2023
Meetings with Puyallup Tribe of Indians' Staff	**2018:** 3/30/2018, 5/1/2018, 5/3/2018, 6/13/2018, 6/29/2018, 8/23/2018, 10/1/2018 **2019:** 2/7/2019, 4/17/2019, 8/14/2019, 9/25/2019, 11/22/2019 **2020:** 1/10/2020, 2/10/2020, 3/3/2020, 10/28/2020, 10/29/2020, 11/3/2020, 11/6/2020 **2021**: 4/5/2021, 9/13/2021, 10/7/2021, 10/19/2021 **2022:** 5/4/2022, 6/3/2022, 6/8/2022, 6/30/2022 **2023:** 4/20/2023, 4/24/2023, 5/10/2023, 6/6/2023, 7/18/2023 **2024:** 2/9/2024, 2/14/2024, 3/13/2024, 4/10/2024, 4/16/2024, 4/26/2024, 5/8/2024, 5/9/2024, 5/22/2024, 6/12/2024, 7/24/2024, 8/5/2024, 8/14/2024
Meetings with individual Tribal landowners potentially impacted by alignments	9/6/2018, 12/9/2020, 6/24/2022, 7/14/2022 (2)

5 Agency Coordination

The FTA and Sound Transit developed a Coordination Plan in accordance with 23 United States Code (U.S.C.) §139(g)(1) and following FTA policy with the objective of identifying key coordination points with Tribes, agencies, and the public during the environmental review process for TDLE. FTA is the lead federal agency under NEPA, and Sound Transit is the lead agency under SEPA. The Coordination Plan is also used by Sound Transit to fulfill applicable SEPA coordination requirements. The purpose of this Coordination Plan is to support the Tribes, cooperating agencies, and participating agencies as they engage in the identification, analysis, and evaluation of TDLE alternatives throughout alternatives development and environmental review processes. This plan identifies key coordination points and activities for Tribes, agencies, and the public, and it reviews the major steps in the NEPA and SEPA environmental review process.

As required by 23 U.S.C. §139(d)(8)(A), to the maximum extent practicable and consistent federal law, all federal permits and reviews shall rely on the EIS prepared for this project.

At the beginning of the environmental review process, FTA and Sound Transit invited agencies to participate as described below.

5.1 Cooperating Agencies

Cooperating agencies, per NEPA (40 CFR 1501.6 and 40 CFR 1508.5), are agencies with jurisdiction or special expertise with respect to environmental issues that should be addressed in the EIS. Cooperating agencies take part in developing information, preparing environmental analyses, providing staff support to enhance the lead agency's interdisciplinary capability, and providing information for the Draft EIS development.

Cooperating agencies are also expected to use the environmental process and documentation to address environmental issues of concern to the agency. Table B5-1 identifies the agencies FTA and Sound Transit invited to be cooperating agencies, why they are identified as such, and their response to the invitation.

Table B5-1 Invited Cooperating Agencies and Permits and Approvals[1]

Cooperating Agencies	Role	Permits and Approvals (if applicable)	Response to Invitation[2]
Federal			
Bonneville Power Administration (BPA)	Agency with jurisdiction	• Approval related to crossing BPA powerlines	Declined
Federal Highway Administration, Washington State Division	Agency with jurisdiction, property owner, special expertise on highways	• Airspace Lease and other interstate modification or use approvals • Operations and Maintenance Agreement • ROD or other NEPA environmental determination	Accepted
U.S. Army Corps of Engineers	Agency with jurisdiction	• Clean Water Act, Sections 401 and 404 • Rivers and Harbors Act, Section 10 and Section 14, Section 408 Permission (33 U.S.C. §§401 and 408)	No Response
U.S. Bureau of Indian Affairs, Northwest Region	Agency with special expertise on Native American interests	• Recordings of potential long-term leases on Tribal lands.	Accepted
State			
Washington State Department of Transportation	Agency with jurisdiction, property owner, special expertise on highways	• Airspace Lease: State Transportation Routes • Temporary Construction Airspace Lease • Construction Oversight Agreement • Design Documentation Package • General Permits • Access Revision Report • Survey Permits	Accepted
Regional			
King County (Department of Natural Resource and Parks, Department of Development and Environmental Services)	Agency with jurisdiction, special expertise on the county facilities and operations	• None identified at this time	No Response, King County Metro accepted as Participating Agency
Pierce County	Agency with jurisdiction, special expertise on the county facilities and operations	• Land Use Permit • Shoreline Application, including Joint Aquatic Resource Permit Application, EIS Checklist • Road Use Permit	No Response

Table B5-1 Invited Cooperating Agencies and Permits and Approvals (continued)

Cooperating Agencies	Role	Permits and Approvals (if applicable)	Response to Invitation[2]
Local			
City of Federal Way	Agency with jurisdiction, property owner, special expertise on the city facilities and operations	• Master Land Use Permit • Environmentally Critical Areas Approval, including floodplain management • Shoreline Management Substantial Development, Conditional Use, or Variance Permit • Right-of-Way Permit	Accepted
City of Fife	Agency with jurisdiction, property owner, special expertise on the city facilities and operations	• Master Land Use Permit, including Critical Areas (floodplain management) and Shoreline permits • Work in City Right-of-Way Permit	Accepted
City of Milton	Agency with jurisdiction, property owner, special expertise on the city facilities and operations	• Master Land Use Permit • Street Work Permit • Shoreline Permit, including floodplain management	Accepted
City of Tacoma	Agency with jurisdiction, property owner, special expertise on the city facilities and operations	• Land Use Permit • Critical Areas and Shoreline Permit, including floodplain management • Road Use Permit	Accepted

Notes:

(1) Government-to-government consultation has been initiated with four federally recognized Tribes: Puyallup Tribe of Indians, Confederated Tribes and Bands of the Yakama Nation, Muckleshoot Indian Tribe, and Nisqually Indian Tribe.

(2) Response to Cooperating Agency invitations as of May 30, 2019.

5.2 Participating Agencies

Participating agencies, per NEPA (23 U.S.C. § 139), are identified by the lead agency and include federal and non-federal agencies that may have an interest in the project but are not a lead or cooperating agency. Additionally, in implementing SEPA, appropriate agencies must be consulted in the EIS process as required by WAC 197-11-502.

Participating agencies are responsible for providing comments, responses, studies, or methodologies on those areas within the special expertise or jurisdiction of the agency. Participating agencies are also expected to use the environmental process and documentation to address environmental issues of concern to the agency and support future permit and approval efforts. Table B5-2 identifies the agencies FTA and Sound Transit have invited to be participating agencies, why they are identified as such, and their response to the invitation. The Yakama Nation, Muckleshoot Indian Tribe, and Nisqually Indian Tribe were invited to participate in the environmental review process. No responses were received from the Tribes.

Table B5-2 Invited Participating Agencies with Permits, Approvals, or Potential Interest in the Project

Participating Agencies	Role	Permits, Approvals, or Potential Interest	Response to Invitation[1]
Federal			
Advisory Council on Historic Preservation	Special expertise on historic resources	• Potential interest	Declined
Federal Aviation Administration, Northwest Mountain Region	Agency with jurisdiction	• Potential interest	No Response
Federal Motor Carrier Safety Administration	Special expertise on vehicle safety	• Potential interest	No Response
Federal Railroad Administration	Special expertise on railroads	• Necessary permits and approvals to be identified in coordination with the Federal Railroad Administration	Accepted
Maritime Administration	Special expertise on maritime transportation	• Potential interest	No Response
National Oceanic and Atmospheric Administration Fisheries, West Coast Region	Agency with jurisdiction, special expertise on marine biological resources	• Endangered Species Act Review, Section 7 Consultation • Magnuson-Stevens Act Consultation	No Response
U.S. Coast Guard[2]	Agency with jurisdiction, special expertise on navigable waterways	• Advance Approval Determination for bridge permitting process	Declined
U.S. Environmental Protection Agency, Region 10	Special expertise on multiple environmental resources	• Necessary permits and approvals to be identified in coordination with the U.S. Environmental Protection Agency	Accepted
U.S. Federal Emergency Management Agency, Region 10	Special expertise on regulated floodplains	• Potential interest	No Response
U.S. Department of Homeland Security, Transportation Security Administration	Special expertise on security	• Potential interest	No Response
U.S. Department of Housing and Urban Development, Region 10	Special expertise on affordable housing	• Potential interest	No Response
U.S. Department of the Interior, Office of Environmental Policy and Compliance, Pacific Northwest Region (National Park Service)	Agency with jurisdiction	• Section 106 of the National Historic Preservation Act (36 CFR Part 800) • Section 4(f) of the U.S. Department of Transportation Act of 1966	No Response
U.S. Fish and Wildlife Service	Special expertise on fish and wildlife (Endangered Species Act consultation)	• Endangered Species Act Review, Section 7 Consultation	No Response

Table B5-2 Invited Participating Agencies with Permits, Approvals, or Potential Interest in the Project (continued)

Participating Agencies	Role	Permits, Approvals, or Potential Interest	Response to Invitation[1]
Regional			
King County Metro	Special expertise on transit	• Potential interest	Accepted
Puget Sound Clean Air Agency	Agency with jurisdiction, special expertise on air quality	• Notice of Construction (Air Quality)	No Response
Puget Sound Regional Council	Special expertise on regional growth, land use, transportation, economic, and demographic conditions	• Potential interest	No Response
Pierce Transit	Special expertise on transit	• Potential interest	Accepted
State			
Washington State Department of Archaeology and Historic Preservation	Special expertise on archaeology and historic resources	• Section 106 of the National Historic Preservation Act (36 CFR Part 800) • Section 4(f) of the U.S. Department of Transportation Act of 1966	Accepted
Washington State Department of Ecology	Agency with jurisdiction, special expertise on multiple environmental resources (air quality, water quality, contaminated sites)	• Coastal Zone Management Consistency Certification • Clean Water Act Section 402, National Pollutant Discharge Elimination System Stormwater Discharge Permit • Clean Water Act Section 401, Water Quality Certification • Wastewater Discharge Permit • Underground Storage Tank 30-day notice • Notice of Construction (Air Quality)	No Response
Washington Department of Fish and Wildlife	Agency with jurisdiction, special expertise on fish and wildlife	• Hydraulic Project Approval	Accepted
Washington Department of Natural Resources	Agency with jurisdiction, special expertise on natural resources	• Aquatic Lease	Accepted
Washington State Recreation and Conservation Office	Agency with jurisdiction on certain recreation property with special funding	• Section 6(f) approvals • State funding approvals	No Response
Local			
Port of Tacoma	Special expertise on freight movement	• Potential interest	Accepted

Notes:

(1) Response to Participating Agency invitations as of May 30, 2019.

(2) The U.S. Coast Guard provided a letter (October 1, 2018) to Sound Transit defining the construction of a new bridge as a minor approval due to the limited navigability of the Puyallup River.

5.3 Resources Provided by Tribes and Agencies

Tribes and federal, state, and local agencies have provided data collection, resource identification, determination of regulatory compliance requirements, and/or assistance in development of analysis methodologies. Table B5-3 lists what resource information Sound Transit gathered from each agency. Agencies also provided additional information and evaluation throughout the analysis process, which will continue through the completion of the Final EIS.

Table B5-3 List of Resources Provided by Tribe and Agency

Tribe/Agency Type	Name	Resources Provided or Consulted On
Tribe	Puyallup Tribe of Indians, Confederated Tribes and Bands of the Yakama Nation, Muckleshoot Indian Tribe, Nisqually Indian Tribe	Cultural resources, fisheries, treaty rights, land use, property easements, and economics
Federal	Federal Railroad Administration	Railroad crossings and safety
Federal	Federal Highway Administration	Traffic; highway improvement plans; utilities
Federal	U.S. Bureau of Indian Affairs	Tribal property
Federal	U.S. Environmental Protection Agency, Region 10	Review of all areas in the NEPA EIS, Environmental Justice
Washington State	Department of Archaeology and Historic Preservation	Archaeological and historic resources
Washington State	Department of Fish and Wildlife	Threatened and endangered species, fish and wildlife, wetlands, priority habitat
Washington State	Department of Natural Resources	Threatened and endangered species (plant/animal), geology and soils
Washington State	Department of Transportation	Traffic; highway improvement plans; utilities
Port	Port of Tacoma	Transportation: Freight operations
County	King County Metro	Transportation: Transit
County	Pierce Transit	Transportation: Transit
Cities	City of Federal Way City of Fife City of Milton City of Tacoma	Land use and economic activity; neighborhoods and population; transportation plans and traffic; archaeological and historic resources; wetlands; water quality; acquisitions, displacements, and relocations; noise and vibration; visual and aesthetic resources; parks and recreational resources; geology and soils; utilities; input on public outreach strategies

As the analysis of alternatives for the Draft EIS was being developed, coordination with regional Tribal partners identified known cultural resources adjacent to I-5 in the South Federal Way Segment, and the potential for additional alignments was identified. Coordination with the City of Fife, Puyallup Tribe of Indians, and other partner agencies identified the need to consider additional station options outside the FEMA floodplain boundary in Fife to meet federal regulations and the floodplain management guidance. In March 2023, the Sound Transit Board identified the need to analyze additional alternatives along the SR 99 (Pacific Highway) corridor as well as additional station options in Fife in the Draft EIS (Motion M2023-19). A preferred alternative for TDLE will be identified prior to the issuance of the Final EIS.

6 Outreach Activities and Tools

Beginning in 2018, Sound Transit began agency and public outreach efforts for TDLE. Outreach methods have included online, in-person, existing community engagement efforts, media, and English and translated materials in several languages (Spanish, Korean, Vietnamese, Khmer, and Russian) to ensure continual engagement and availability of information throughout the project. Sound Transit engaged over 1,000 people in-person to share project information and gather feedback throughout Early Scoping, Scoping, and additional outreach efforts.

To ensure widely available and accessible project information, Sound Transit used a variety of communication tools and methods including email updates, a project website, open houses and drop-in sessions, public hearings, fact sheets and brochures, community events, notifications to potentially impacted properties, press releases, and targeted outreach to underrepresented groups. Each of the outreach periods included online open houses supplemented by in-person and online events, ultimately reaching and engaging over 15,200 users. Print, online, and media advertisements and project updates disseminated project information throughout each outreach period. Each of the six outreach periods to date (Early Scoping, September 2018 outreach, NEPA and SEPA Scoping, November 2019 outreach, fall 2020 outreach, and spring 2023 update) included a saturation postcard or newsletter mailing.

6.1 GovDelivery Listserv

Individuals interested in receiving project information can sign up to receive periodic project updates through email. Sound Transit maintains a database of individuals who have requested to receive updates on project progress and opportunities for public input using a GovDelivery listserv. The listserv includes email addresses and/or physical addresses of open house attendees, drop-in session attendees, correspondents, commenters, and other interested individuals. In addition to the listserv, Sound Transit also uses a mailing list of over 50,000 addresses in the project area for project related mailings.

6.2 Briefings

Sound Transit actively seeks opportunities to provide briefings to community and neighborhood groups, organizations, social service providers, and businesses in the TDLE project area. Local community groups receive project information, learn about opportunities to provide project feedback and how to stay engaged, and ask questions at these briefings. Many briefings are one-on-one meetings with local stakeholders and community leaders. A full list of community briefings can be found in Table B8-1 in Section B.8 of this appendix.

6.3 Open Houses and Drop-In Sessions

Sound Transit held open houses and informational drop-in sessions along the project corridor during Early Scoping, Scoping, and additional outreach periods. During Early Scoping in April 2018, outreach in September 2018, and Scoping in April 2019, Sound Transit held large open houses in three different locations along the corridor during each outreach period. The project team shared information about alternatives development, project progress, and proposed route and station alternatives. Members of the public were encouraged to attend to speak with members of the project team, ask questions, and provide comments and feedback. In November 2019, Sound Transit hosted a series of informal drop-in sessions along the project corridor to provide a project update and share information on alternatives development. In March 2023, Sound Transit hosted a series of informal drop-in sessions in Federal Way and Fife to share information on additional alignment alternatives and station options being proposed to be studied in the environmental review process. A full list of open houses and drop-in sessions can be found in Section B.9 of this appendix in Table B9-2.

6.4 Public Hearings

Sound Transit will hold public hearings during the 60-day comment period following the release of the Draft EIS. See Section B.7.6, Draft EIS, for more information.

6.5 Fact Sheets and Brochures

Sound Transit distributed TDLE fact sheets and brochures to the public throughout the project lifetime. The fact sheets included general project information and timeline, status of alternatives development, information on preferred alternatives and alternatives to be studied in environmental analysis, project contact information, and the project website URL. The project team also developed a fact sheet focused on summarizing potential fieldwork activities and a folio for potentially impacted property owners along the project corridor that provided an overview of what to expect throughout the project lifecycle. Translated versions of these materials are available in Spanish, Korean, Vietnamese, Khmer, and Russian.

6.6 Community Events

The TDLE project team attends existing events held by community organizations in the project area to connect with audiences that may not receive project information otherwise. By attending these events, Sound Transit builds relationships and establishes an ongoing presence in communities in the project area, provides project information and answers questions, and offers ways to stay engaged through project email updates. The project team has focused on attending events in traditionally underserved communities, particularly those in the East Tacoma area, and providing in-language project information. See Table B8-2 in Section B.8 of this appendix for a full list of community events.

6.7 Project Webpage

Sound Transit maintains a project webpage — soundtransit.org/tdlink — for the TDLE project. The website includes a project overview and project maps, information on project stakeholders and partners, news and updates, project timeline and milestones, and a document library of published materials. Project documents on the TDLE website include:

- TDLE Early Scoping Information Report.
- TDLE Early Scoping Report and Appendices.
- TDLE Scoping Information Report.
- TLDE Scoping Summary Report and Appendices.
- TDLE Community Engagement and Communications Plan.
- TDLE Project Folio.

Visitors can also sign up to receive project email updates on the website.

6.8 News Media

The TDLE team publishes notifications and press releases for project updates, events, outreach periods and Sound Transit Board meetings in online and print local news publications along the project corridor. See Table B6-1 at the end of this section for a full list of publications.

6.9 Notifications to Potentially Affected Properties

Beginning in 2018, the project team has continued to meet with potentially affected property owners who requested briefings throughout the lifetime of the project. Meetings with property owners have focused on providing an overview of the project, discussing potential impacts in further detail, and answering questions. In addition to these meetings, Sound Transit has conducted door-to-door field visits to provide information about the project and distribute project factsheets and brochures. In fall 2019, Sound Transit began reaching out to property owners to coordinate fieldwork efforts for informing designs for route and station alternatives. The project team called property owners, distributed flyers by hand, and conducted door-to-door field visits to notify properties of upcoming fieldwork. In spring 2023, the project team conducted phone calls to businesses and properties that could be potentially impacted by the additional alignment alternatives and station options in South Federal Way, Milton, and Fife. The potentially affected properties were informed of the spring 2023 online open house and drop-in sessions and encouraged to subscribe to the listserv to receive email updates.

Sound Transit mailed individual letters to potentially affected property owners in the project corridor several months prior to publication of this Draft EIS. The letters included details of the property's inclusion in the Draft EIS and an offer to meet with the project team to discuss individual property impacts in person. Sound Transit will continue to communicate transparently with property owners about potential impacts to their property, create and maintain relationships with property owners, and answer questions about the property acquisition and relocation process.

6.10 Targeted Outreach

Sound Transit is committed to equitable engagement and inclusive outreach with community groups, organizations, residents, businesses, and underrepresented populations who do not typically participate in traditional in-person and online open houses or engagement opportunities. The project team has conducted targeted outreach to populations with limited English proficiency, low incomes, and historically underrepresented groups to build long-term relationships and provide meaningful opportunities to engage in the project planning, design, and environmental review processes. The project team reached out to community organizations and social service providers, when possible, to learn more about individual community needs and to identify events to attend. Notifications were released in print and online through the publications listed in Table B6-1. Appendix C, Environmental Justice, provides more information on people in the project area with limited English proficiency, people of color, and people with low incomes.

Sound Transit conducted a preliminary demographic analysis to identify low-income, minority, and limited-English-proficiency populations in the project area. Based on this analysis, Sound Transit provided project literature in Spanish, Korean, Vietnamese, Khmer and Russian. Spanish, Cambodian, Korean, and Vietnamese interpreters were available at East Tacoma events, and tactile interpreters were available at the Tacoma open house during Scoping. Additional information on Environmental Justice populations is included in Appendix C.

Table B6-1 Print and Online Publications

Publication	Project segment	Media type
Sound Info (Federal Way Mirror)	Federal Way	Print and online
International Examiner (Asian Pacific)	Full project corridor	Print and online
Korea Daily (available in Korean)	Full project corridor	Print and online
The Korea Times Seattle (available in Korean)	Full project corridor	Print and online
Northwest Vietnamese News (available in Vietnamese)	Full project corridor	Print and online
The Seattle Times	Full project corridor	Online
South Sound Biz	Full project corridor	Online
Tacoma News Tribune	East Tacoma and Tacoma Dome	Print and online
Tacoma Weekly News	East Tacoma and Tacoma Dome	Print and online
Tu Decides Weekly Newsletter (available in Spanish)	Full project corridor	Print and online
El Siete Dias (available in Spanish)	Full project corridor	Print and online
Weekly Volcano and NW Military	Full project corridor	Print and online
Russian Town Seattle (available in Russian)	Full project corridor	Online
Poster Giant	Full project corridor	Print
Peach Jar	Full project corridor	Online

The COVID-19 crisis introduced changes to engagement best practices out of necessity for public health and safety, with many in-person methods of outreach shifting to online briefings and meetings during the pandemic. Sound Transit will continue to offer a variety of online and in-person opportunities for people to engage to best meet community needs. Sound Transit engages with social service providers, community leaders and organizations, and other representatives through targeted outreach efforts. Through these efforts, the project team can share project information, build relationships with the community, and explain how environmental justice populations may experience adverse impacts or benefits from the project. Sound Transit is using several types of targeted outreach, including:

- **Briefings**: Sound Transit met with community representatives and organizations to provide a project update, answer questions, and learn more about individual circumstances and better ways to engage with their community. Attention and care have been taken to meet people in locations where they may be more comfortable engaging with government agencies. This has included attending Korean, Spanish, Cambodian, and Vietnamese group gatherings, collaborating with groups for translation services, and serving meals and engaging with community groups. Briefings were adapted to meet the needs of specific audiences, including presentation content, as well as interpretation/translation.
- **Open houses:** Open house locations and times that were accessible for the audiences within the project corridor were used. At open houses, project outreach staff set up tables of materials and resources, answered questions, and participated in facilitated conversations. At TDLE-focused open houses, project staff often presented a brief overview of the project to provide background. Advertised availability for translation, ASL interpretation and tactile interpretation was provided for individuals who requested these services.
- **Fair and festival booths:** Project staff attended fairs, festivals, and community/cultural celebrations in the project area (Federal Way, Fife, Milton, and Tacoma) to distribute project information and answer questions from the general public. Outreach staff hosted Sound Transit booths with project-specific materials and general Sound Transit information, like the System Expansion folio, Sounder train schedules, and ORCA card brochures.

- **Tabling and drop-in sessions:** Project outreach provided project information and updates and answered questions at public spaces and community spaces, including transit centers, UW Tacoma, grocery stores, and community centers to reach a wider audience. These tabling sessions were held on multiple days and at various times (weekdays/weekends, daytime, evening) to meet varying schedules of community members.
- **Listening sessions:** The project staff hosted a listening session in East Tacoma to learn more about the community members' vision for the area, potential barriers to transit access, and to hear feedback on alternatives. Sound Transit provided interpreters in Cambodian, Spanish, and Vietnamese for this event.
- **Stakeholder interviews:** The project team conducted a series of interviews with social service organizations and community advocacy groups in the project area to understand their preferred methods of engagement, establish relationships, and introduce them to the TDLE project. See Table B8-1 for a complete list of stakeholder interviews.
- **Outreach toolkits:** The project team distributed outreach toolkits to social service organizations along the project corridor to encourage the sharing of information by trusted leaders with their audiences during outreach periods and to generate additional feedback. The toolkits included project emails, posters, factsheets, Facebook posts, and "X" (formerly Twitter) posts for organizations to post and share.

7 Outreach During EIS Process

Public input and involvement are critical to informing the alternatives development, environmental analysis, documentation, and review process outlined in Figure B7-1. Sound Transit engages the public in various ways through in-person and digital channels, including open houses, briefings, online open houses, and workshops.

The NEPA process encourages lead agencies to actively involve the public throughout project implementation. This includes providing notice of public hearings, holding public meetings, and making environmental documents available to the public. The outreach and coordination efforts Sound Transit took to achieve this are detailed in the sections below.

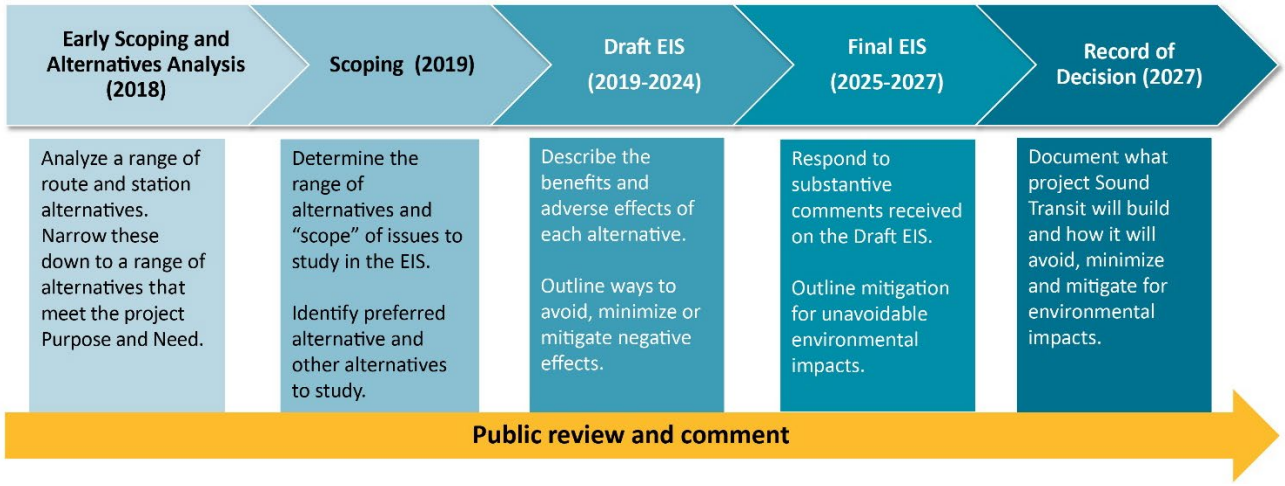

Figure B7-1 Project Public Review and Comment Process

7.1 Early Scoping Activities (April 2, 2018 – May 3, 2018)

Outreach during Early Scoping focused on providing information about the representative project and gathering public feedback to inform the project scope and schedule. Sound Transit asked members of the public to comment on the purpose and need of the project and potential benefits, alternatives and impacts of proposed route alignments and stations. Outreach activities during Early Scoping included open houses, online open houses, and station area workshops.

Outreach activities:

- Agency, Jurisdictions, and Tribal Scoping Meeting
  Tuesday, April 17, 12:30 p.m. – 2:30 p.m.
  Best Western Plus Tacoma Dome Hotel, 2611 East E Street
- Open House – Tacoma
  Tuesday, April 17, 6 p.m. – 8 p.m.
  Best Western Plus Tacoma Dome Hotel, 2611 East E Street
- Open House – Federal Way
  Wednesday, April 18, 6 p.m. – 8 p.m.
  Todd Beamer High School, 35999 16th Avenue S
- Open House – Fife
  Tuesday, April 24, 6 p.m. – 8 p.m.
  Fife Community Center, 2111 54th Avenue E

One hundred ninety-two people attended the in-person open houses and offered comments via post-it notes on maps and interactive display boards, as well as through written comment forms. The open houses began with a presentation by the project team introducing the project and the process. Sound Transit staff were available at displays and maps to answer questions about routes, station options, and technical analysis.

An online open house was available from April 2, 2018, to May 3, 2018, for members of the public who were unable to attend the in-person meetings, to review and provide feedback on the representative alignment. All information and materials presented at the in-person open houses were available online. The site offered a project overview, an explanation of the Early Scoping process, the project purpose and need, representative alignments and plans for public engagement throughout the project. It also provided “translation widget” buttons to offer the option for users to translate content.

Visitors were encouraged to provide comments throughout the site on the project purpose and need, the benefits and impacts, and the representative alignment using electronic comment forms and an interactive map tool. This feedback helped inform which alignments would be studied leading into Scoping.

Between April 2, 2018, and May 3, 2018, there were 2,474 unique users who visited the online open house.

These activities were advertised with:

- Mailer notifications sent to 52,160 homes, apartments, and businesses.
- Two news releases on April 2 and April 16.
- Online and print ads in 12 local online and print publications.

- Posters distributed to 150 different locations between Kent and Tacoma (included translated versions in Spanish, Korean, Vietnamese, Khmer and Russian).
- Facebook and "X" ads that reached 30,047 subscribers and 81,500 followers.
- Five project email updates sent to approximately 5,300 recipients on April 2, April 12, April 16, April 24, and May 2.

During the Early Scoping period, Sound Transit received over 560 written comments from in-person and online comment forms.

Sound Transit hosted three station area workshops in South Federal Way, East Tacoma. and Tacoma Dome. Table B9-4 includes a full list of station area workshops throughout the project.

7.2 September 2018 Outreach

September 2018 Outreach Activities (Sep. 1, 2018 – Sep. 21, 2018)

Between Early Scoping and Scoping outreach, Sound Transit focused on inclusive outreach with community groups, organizations, residents, businesses, and underrepresented populations along the project corridor who do not typically participate in traditional in-person and online open houses. Outreach efforts were geared towards equitable engagement (as described in Section B.6.10) and reaching potential future riders. Sound Transit provided translated text in Spanish, Korean, Vietnamese, Khmer and Russian for advertisements, project information, and the online open house.

Sound Transit shared project updates and sought feedback on the initial route and station concepts that were developed in Early Scoping. Sound Transit asked members of the public to comment on the potential for route and station alternatives. The feedback during this outreach period informed Stakeholder Group feedback and Elected Leadership Group recommendations for routes and alternatives to be studied in environmental review.

Outreach activities:

- Open House – Federal Way
  Tuesday, September 11, 6 p.m. – 8 p.m.
  Federal Way Performing Arts Center, 31510 Pete von Reichbauer Way S
- Open House – Fife
  Wednesday, September 12, 6 p.m. – 8 p.m.
  Fife High School, 5616 20th Street E
- Open House – Tacoma
  Wednesday, September 19, 6 p.m. – 8 p.m.
  Best Western Plus Tacoma Dome Hotel, 2611 East E Street

More than 175 people attended the three in-person open houses and offered over 150 map comments via post-it notes and 16 written feedback questionnaires. A rolling, narrated presentation explained the project status and how to provide comments, and Sound Transit staff were available at displays and maps to answer questions about routes, station options, and technical analysis. Partner agencies were also available to answer questions.

From September 1 to 21, 2018, an online open house was available for members of the public who were unable to attend the in-person open houses. The online open house provided a brief overview of the project and instructions on how to navigate the site, followed by a demographics survey. For each project segment, the station and route alternatives were presented with

explanations for their respective potential and challenges. Each station area page featured a question with criteria to evaluate each option to give users the opportunity to provide route and station-specific feedback.

Between September 1 and September 21, 2018, the online open house:

- Received over 2,800 different users over 3,500 unique sessions. Users spent an average of three minutes on the site.
- Was shared over 25 times by online open house visitors on social media networks, through available share "widget."
- Received over 500 comments from online surveys.

These activities were advertised with:

- Postcard notifications distributed to over 67,000 homes, apartments, and businesses in the project area.
- Three project email updates sent to more than 6,200 recipients on the project listserv.
- Posters distributed to over 150 locations throughout Federal Way, Fife, Milton, Tacoma, and Puyallup Tribal areas.
- Print and online display advertisements in 11 local publications.
- Facebook posts on the Sound Transit page, reaching over 13,000 users and engaging over 600 people.
- Sound Transit posts on "X" reaching over 18,000 users and engaging 271 users with 16 reposts and 17 likes.
- One new release on August 30, 2018.
- Notification toolkits distributed to 10 local community organizations.

Throughout the outreach period, Sound Transit continued to conduct interviews with community leaders, jurisdictions, and social service providers to identify additional ways to reach underrepresented populations.

In the following month, October 2018, Sound Transit hosted three station area workshops focused on the South Federal Way, Fife, East Tacoma, and Tacoma Dome stations.

After the outreach and comment period, Sound Transit Government and Community Relations staff provided briefings covering the comment period and the Tacoma Dome Link Extension in general to over 10 organizations along the project corridor.

7.3 NEPA and SEPA Scoping Process

NEPA and SEPA Scoping Activities (April 1, 2019 – May 1, 2019)

During the Scoping period, Sound Transit shared information on the latest route and station alternatives and topics to study in the EIS, as well as an overview of past project activity. Sound Transit sought public comment on the proposed route and station alternatives, the purpose and need of the project, and the potential environmental impacts or benefits to be studied in the EIS. Comments were gathered through in-person and online open houses and incorporated into a summary presented to the Sound Transit Board of Directors.

Outreach activities:

- Tribal, Agency, and Jurisdiction Scoping Meeting – Fife
  Tuesday, April 16, 2 p.m. – 4 p.m.
  Fife Community Center, 2111 54th Avenue E
- Open House – Fife
  Tuesday, April 16, 6 p.m. – 8 p.m.
  Fife Community Center, 2111 54th Avenue E
- Open House – Tacoma
  Wednesday, April 16, 6 p.m. – 8 p.m.
  Greater Tacoma Convention Center, 500 Commerce Street
- Open House – Federal Way
  Tuesday, April 23, 6 p.m. – 8 p.m.
  Federal Way Performing Arts and Event Center, 31510 Pete von Reichbauer Way S
- Listening session – Tacoma
  Thursday, May 3, 6 p.m. – 8 p.m.
  Eastside Community Center, 721 E 56th Street

More than 200 people attended the three open houses and Sound Transit received 60 written comment forms across all open houses and the listening session. Outreach efforts included equitable engagement as described in Section B.6.10.

An online open house was available from April 1, 2019, to May 1, 2019, and gave the public an opportunity to review and provide feedback on station and route alternatives. In-person open houses provided laptops for attendees to directly input their feedback around each alternative. The website featured the Tacoma Dome Link Extension Project purpose and need, information about the Scoping period and what an EIS entails, as well as a description of the advantages and disadvantages of each route and station alternative. Users were encouraged to comment on each station and route alternative after reviewing interactive maps, station plan layouts and visualizations.

Between April 1, 2019, and May 1, 2019, the online open house:

- Had 3,100 different visitors over 3,900 sessions. Users spent an average of three minutes on the site.
- Was organically shared 35 times on social media networks, through the share “widget.”

These activities were advertised with:

- Mailer notifications sent to over 67,000 households and businesses, providing overview of the entire project and feedback received to date.
- Posters distributed to 151 locations throughout Federal Way, Fife, Milton, Tacoma, and Puyallup Tribal areas (including translated versions in Korean, Spanish and Vietnamese).
- Project email updates to more than 6,200 recipients on the South Sound email list.
- Print and online display advertisements in 13 local publications.
- Notification toolkits to 29 local organizations and properties to share with their respective networks.
- Briefings to organizations and cities in the project corridor.

- In-person field visits to major properties where sites were being considered.
- Social media posts, which reached over 34,500 Facebook users and engaged over 140 ”X” users.

During the Scoping period, Sound Transit received over 600 comments from the in-person open houses, the online open house, email and mail, and by phone. These comments were documented in a Scoping Summary Report (Sound Transit 2019b).

7.4 Continued Public Outreach

November 2019 Outreach Activities (November 13, 2019 – December 6, 2019)

Sound Transit focused outreach efforts during Draft EIS development on providing updates on the process to-date and the preferred and other alternatives for study identified by the Sound Transit Board of Directors. This outreach period was intended to provide a project update around alternatives design. This was achieved through a series of informal drop-in sessions and an online open house.

The project team chose a variety of drop-in locations and times to ensure interested members of the public could attend. Many drop-in sessions were in areas accessible by transit or at common community spaces. Visitors were encouraged to stay up to date on project information and stay tuned for their future opportunity to provide input during the Draft EIS comment period. In-language materials were available at all drop-in sessions.

- Federal Way Link Extension Open House
  Wednesday, November 13, 6 p.m. – 8 p.m.
  Highline College, 2400 S 240th Street, Des Moines
- Drop-in session – East Tacoma
  Saturday, November 16, 10 a.m. – 12 p.m.
  Eastside Community Center, 1721 E 56th Street, Tacoma
- Drop-in session – Federal Way
  Saturday, November 16, 10 a.m. – 12 p.m.
  Federal Way Library, 34200 1st Way S, Federal Way
- Drop-in session – Milton
  Wednesday, November 20, 8 a.m. – 10 a.m.
  Starbucks, 623 Meridian Ave NE, Edgewood
- Drop-in session – Tacoma
  Wednesday, November 20, 5 p.m. – 7 p.m.
  Evergreen State College Tacoma Campus, 1210 6th Avenue E, Tacoma
- Federal Way Link Extension Open House
  Wednesday, November 20, 6 p.m. – 8 p.m.
  Federal Way Performing Arts Center, 31510 Pete von Reichbauer Way S, Federal Way
- Drop-in session – Fife
  Thursday, November 21, 10 a.m. – 12 p.m.
  Poodle Dog, 522 54th Avenue E, Fife

- Drop-in session – Tacoma
  Tuesday, December 3, 10 a.m. – 12 p.m.
  UW Tacoma, 1900 Commerce Street, Tacoma
- Drop-in session – Tacoma
  Wednesday, December 4, 6 a.m. – 8 a.m.
  Tacoma Sounder Station, 610 Puyallup Avenue, Tacoma
- Drop-in session – Federal Way
  Wednesday, December 4, 5 p.m. – 7 p.m.
  Federal Way Community Center, 876 S 333rd Street, Federal Way
- Drop-in session – Tacoma
  Friday, December 6, 6 p.m. – 8 p.m.
  Salishan Family Investment Center, 1724 E 44th Street, Tacoma

More than 350 people attended drop-in sessions in Federal Way, Fife, Milton, and Tacoma.

An online open house was available from November 13, 2019, to December 9, 2019. It provided a project update on work that occurred after Scoping in spring 2019 and gave the public an opportunity to review and comment on station and route alternatives. The site featured preliminary station layouts and visualizations, outlined the next steps for the project and the next opportunity to provide project comments and feedback.

Outreach efforts sought equitable engagement as described in Section B.6.10. All materials from the drop-in sessions were available on the site. The site had a landing page translated into Khmer, Korean, Russian, Spanish, and Vietnamese with instructions on using Google Translate to navigate the site.

Between November 13, 2019, and December 9, 2019, the online open house:

- Had 1,575 unique visitors and over 1,720 sessions. Users spent an average of 3 minutes on the site, and it was shared 71 times.

These activities were advertised with:

- Facebook posts reaching over 16,400 users.
- Mailers to over 59,000 homes, apartments, and businesses along the project corridor.
- Second mailer to over 2,500 properties within 500-feet of any alternative as invitation to get engaged with “we’re in the neighborhood” message.
- Posters distributed to 107 different locations in Federal Way, Fife, Milton, Tacoma, and Puyallup Tribal areas.
- Three project email updates sent to more than 6,200 recipients on South Sound email lists.
- Print and online display advertisements in 11 local publications.
- Notification toolkits sent to 12 local organizations and properties to share with their respective networks.
- “X” (formerly Twitter) notifications.

Between November 13, 2019, and December 6, 2019, Sound Transit received over 20 comments from in-person drop-in sessions, online open house comment forms, and email. Comments received during this outreach period were not logged as part of a formal comment

period. This comment period was intended for the public to share thoughts or ask questions they had as the project moved forward.

Fall 2020 Outreach Activities (September 22, 2020 – November 2, 2020)

Sound Transit conducted COVID-sensitive engagement to provide updates on the latest project refinements being studied in the Draft EIS. In addition to learning more about the status of the project, members of the public were invited to review and comment on preliminary station design concepts, as well as offer feedback on potential projects to improve access to the stations for those walking, rolling (e.g., using a wheelchair or riding a bicycle), and taking transit. This outreach period was intended to expand the project audience – particularly to historically underrepresented communities – in advance of the Draft EIS publication. Virtual briefings and an online open house were used to engage the public during the outreach period.

Sound Transit participated in 11 virtual conversations with 10 community-based organizations to bolster engagement with the online open house content. The format of these conversations was tailored to support the requested needs of each organization (see Table B62). Visitors were encouraged to stay up to date on project information and stay tuned for their future opportunity to provide input during the Draft EIS comment period.

Table B6-2 Online Meetings with Community-Based Organizations

Organization	Briefing Audience	Date	Format
Asia Pacific Cultural Center	Staff and member community leaders	Oct. 1 and 29	Two virtual listening sessions: the first to support community leaders in understanding engagement and feedback goals so they could disseminate information in their respective communities and encourage participation; the second to listen to feedback collected
Federal Way Black Collective	Members	Oct. 1	Virtual Facebook Live facilitated discussion with representatives from Tacoma Dome Link Extension, Federal Way Link Extension, and Operations and Maintenance Facility South projects
Active Transportation Community of Interest Puyallup Watershed Initiative	Members	Oct. 8	Virtual regular monthly meeting
Tacoma Area Commission on Disabilities	Members	Oct. 9	Virtual regular monthly meeting
Multi-Service Center	Staff	Oct. 15	Virtual presentation to staff members
Tacoma Transit-Oriented Development Advisory Group	Members	Oct. 19	Virtual regular monthly meeting
Tacoma Transportation Commission	Members	Oct. 21	Virtual regular monthly meeting
Fife Library	Parents and young children	Oct. 23	Train-themed, virtual story time event with train safety discussion for young children and their parents
Tacoma Bicycle Pedestrian Technical Advisory Group	Members	Oct. 26	Virtual regular monthly meeting
Salishan Association	Staff	Oct. 29	Virtual presentation to organization staff

The project team was also invited to provide shorter updates to promote the engagement period during regularly scheduled meetings or by email with the following project partners:

- Eastside Collaborative.
- Eastside Neighborhood Advisory Council of Tacoma.
- Fife Chamber of Commerce.
- Hopelink.
- New Tacoma Neighborhood Council.

More than 1,300+ people attended the 16 virtual briefings.

An online open house was available from September 29, 2020, to November 2, 2020. It provided a project update on work that occurred after the fall 2019 outreach and gave the public an opportunity to view station concept graphics for each station alternative and answer survey questions related to these concepts. Additionally, the site used maps and text to describe potential projects to improve nonmotorized access to the station and visitors were asked to provide comments on the projects. Visitors could also suggest new projects for Sound Transit to include in their evaluation.

Outreach efforts sought equitable engagement as described in Section B.6.10. All materials from the virtual briefings were available on the online open house. The site content was fully available in English, Korean, Spanish, and Vietnamese, with instructions on using Google Translate to navigate the site.

Between September 29, 2020, and November 2, 2020, the online open house:

- Had more than 3,300 unique visitors to the English online open house site.
  - 230 visitors to the Spanish site.
  - 40 visitors to the visitors to the Vietnamese site.
  - 40 visitors to the Korean site.

These activities were advertised with:

- Facebook posts.
- Three project email updates sent to more than 5,200 listserv subscribers.
- Print and online display advertisements in 11 local publications.
- Notification toolkits sent to 50 local organizations and properties to share with their respective networks.
- “X” (formerly Twitter) notifications.

Between September 29, 2020, and November 2, 2020, Sound Transit received over 210+ responses to the station design concept surveys and 200+ reactions to the nonmotorized projects. This comment period was intended for the public to share thoughts or ask questions they had about station access planning.

Spring 2023 Outreach Activities (February 27, 2023 – March 17, 2023)

Sound Transit identified the need to consider additional route and station options through conversations with the Puyallup Tribe of Indians, the City of Fife, and FTA. Outreach efforts in spring 2023 focused on providing updates on the process to-date and the additional alignment

alternatives and station options that were being considered for study in the environmental review process. This was achieved through a series of informal drop-in sessions and an online open house.

The project team used a variety of drop-in locations and times to ensure interested members of the public could attend. Many drop-in sessions were in areas accessible by transit or at common community spaces. Visitors were encouraged to stay up to date on project information and stay tuned for their future opportunity to provide input during the Draft EIS comment period.

- Drop-in session – Milton
  Wednesday, March 8, 5 p.m. – 7 p.m.
  Milton/Edgewood Pierce County Library, 900 Meridian Avenue E, Milton, WA 98354
- Drop-in session – Federal Way
  Tuesday, March 14, 8 a.m. – 10 a.m.
  Federal Way Community Center, 876 S 333rd Street, Federal Way, WA 98003
- Drop-in session – Fife
  Wednesday, March 15, 11 a.m. – 1 p.m.
  Poodle Dog Restaurant, 1522 54th Avenue E, Fife, WA 98424

More than 110 people attended drop-in sessions in Federal Way, Fife, and Milton.

An online open house was available from February 17, 2023, to March 17, 2023. It provided a project update on design progress since fall 2020 and gave the public an opportunity to learn about the new route and station options in South Federal Way and Fife being considered for study in the environmental review process. The site featured preliminary station layouts and visualizations, outlined the next steps for the project, and showed the next opportunity to provide project comments and feedback.

Outreach efforts sought equitable engagement, as described in Section B.6.10. All materials from the drop-in sessions were available on the site. The online open house was translated into English, Khmer, Korean, Russian, Spanish, and Vietnamese, with instructions on using Google Translate to navigate the site.

Between February 27, 2023, and March 17, 2023, the online open house:

- Had 2,150 unique visitors, including over 50 visitors to in-language sites.

These activities were advertised with:

- Facebook posts.
- Mailers to over 12,900 homes, apartments, and businesses near the proposed route and station options in Fife, Milton, and South Federal Way.
- Three project email updates sent to more than 5,200 listserv subscribers.
- More than 60 phone calls to properties potentially affected by the potential route and station options in Fife, Milton, and South Federal Way.
- Notification toolkits sent to five local organizations and properties to share with their respective networks.
- “X” (formerly Twitter) notifications.

Between February 27, 2023, and March 17, 2023, Sound Transit received 30 responses from the Fife survey and 45 responses from the South Federal Way survey. This comment period was intended for the public to share thoughts or ask questions as the project moved forward.

7.5 Draft EIS Comment Period

Draft EIS Outreach Activities (December 13, 2024-February 10, 2025)

The TDLE Draft EIS describes the project purpose and need, the alternatives analyzed, and potential environmental impacts of the alternatives and their implementation. It also describes methodologies and assumptions used for the analyses and identifies potential mitigation for unavoidable impacts.

The Draft EIS has been distributed to federal, state, and local agencies and parties of interest listed in Appendix A2 for comment. A Notice of Availability was published in the *Federal Register* and the SEPA Register on December 13, 2024. The following notifications and advertisements were also used to notify the public about the Draft EIS availability and public process.

- Legal notices placed in *The News Tribune* and *The Seattle Times.*
- Public notices placed in local newspapers.
- Project mailer sent to residents and businesses in the corridor, as well as individuals in the project database, announcing the availability of the Draft EIS, describing how to comment, and providing information about the Draft EIS.
- Email notification sent to subscribers to the project listserv.
- Notice posted on the Sound Transit TDLE website and on home page of Soundtransit.org
- Poster notices placed along the project corridor.

The Draft EIS documents are available to the public at public meetings and at the following public libraries:

- Federal Way 320th Library.
- Federal Way Library.
- Fife Pierce County Library.
- Milton/Edgewood Pierce County Library.
- Tacoma Public Library Mottet Branch.

The Draft EIS is available at Sound Transit offices and electronically on the Sound Transit TDLE website. The 60-day public comment period began upon publication of the Notice of Availability for the Draft EIS and will be open until February 10, 2025. A website focused on the Draft EIS results was set up for the comment period. This website allowed users to view simulations of the TDLE alternatives, review impacts for different combinations of the alternatives, and provide comments on the Draft EIS.

Public meetings will be held to present the Draft EIS findings, including alternatives development and associated environmental impacts, for public review and comment. The meetings will consist of an open house to present the Draft EIS findings and where project team members will be available to answer questions and talk to the public. Table B7-1 lists the dates and locations of the hearings. The meeting format is a combination of an open house, with project team members available to answer questions, and a formal public hearing. The meetings will also include a transcribed formal public hearing. Comments will be accepted in writing, transcribed by a court reporter, or through email.

A summary of Draft EIS comments will be provided to the Sound Transit Board of Directors. The comment summary will help inform the Board action to confirm or modify the Preferred Alternative or identify one in locations where there is not currently a preferred alternative. All substantive comments will be responded to in the Final EIS.

Table B7-1 TDLE Draft EIS Public Hearings

Date	Location	Type of meeting
January 21, 2025	Online (Zoom): https://us02web.zoom.us/j/85314895495 11:30 a.m.-1:30 p.m.	Online public meeting and hearing
January 23, 2025	Greater Tacoma Convention Center 1500 Commerce Street, Tacoma, WA 98402 5:30-7:30 p.m.	Public hearing and open house
January 28, 2025	Federal Way Performing Arts and Events Center 31510 Pete von Reichbauer Way S, Federal Way, WA 98003 5:30-7:30 p.m.	Public hearing and open house
January 30, 2025	Fife Community Center 2111 54th Avenue E, Fife, WA 98424 5:30-7:30 p.m.	Public hearing and open house

7.6 Final EIS

After the Sound Transit Board reviews and considers the Draft EIS findings as well as comments on the Draft EIS, they are anticipated to confirm or modify the Preferred Alternative. In locations where there is not currently a preferred alternative, the Sound Transit Board would identify a Preferred Alternative.

The Final EIS would analyze the effects of the Preferred Alternative and all of the other alternatives studied in the Draft EIS and respond to substantive comments on the Draft EIS.

Following publication of the Final EIS, the Sound Transit Board would consider the Final EIS findings and would select the project to be built. FTA will subsequently issue a Record of Decision that would document the project selected to be built as well as mitigation measures. After the build alternative is selected by the Sound Transit Board and approved by FTA as part of the Record of Decision, Sound Transit will continue to coordinate throughout final design and construction with affected Tribes, agencies, and local communities.

8 Stakeholder briefings, interviews, and events

Table B8-1 List of Briefings and Interviews

Organization	Date
Briefings	
301 E 26th Street Developers	10/14/2021
59th Ave Partners LLC	6/3/2021
Active Transportation Community of Interest Puyallup Watershed Initiative	10/8/2020
Affordable Housing Consortium	9/13/2018
Asia Pacific Cultural Center	4/29/2024

Table B8-1 List of Briefings and Interviews (continued)

Organization	Date
Associated Catholic Cemeteries	5/15/2023
Bates Technical College	3/7/2019
Belmor Park Golf and Country Club	8/20/2019
Bicycle Pedestrian Transportation Advisory Group	10/26/2020
Building Owners and Managers Association	4/28/2021
Camping World	9/28/2020
Community Oversight Panel	3/8/2023
Creating Our King County	5/5/2018
DBM Contractors	4/6/2023
Dome District	**2018:** 7/12/2018, 8/9/2018, 11/8/2018 **2019:** 2/14/2019, 3/14/2019, 4/15/2019, 7/11/2019, 11/14/2019, 12/13/2019
Dome District Businesses	5/13/2024, 6/10/2024, 7/8/2024
Dome District Social	10/10/2019
Dome District, 4 agencies meeting (WSDOT, City of Tacoma, Pierce Transit, and Sound Transit)	9/5/2018
Dometop Neighbors	6/12/2024
Downtown on the Go Board of Directors	**2018:** 4/12/2018 **2019:** 4/11/2019
Downtown on the Go	**2019:** 11/8/2019, 11/15/2019
Downtown Tacoma BIA	9/6/2018
East Tacoma Collaborative	**2019:** 11/15/2019 **2020:** 9/9/2020, 12/9/2020
Eastside Collaborative	**2018:** 6/29/2018, 7/9/2018, 9/27/2018, 12/21/2018 **2020:** 8/26/2020
Eastside Neighborhoods Advisory Council of Tacoma (ENACT)	**2018:** 10/15/2018 **2019:** 11/18/2019 **2024:** 6/17/2024
Edgewood Fife Milton Kiwanis Club	**2018:** 5/31/2018, 9/27/2018
Esplanade (Tacoma) Speaker Series	9/23/2018
Federal Way Chamber of Commerce	**2018:** 8/21/2018, 9/11/2018 **2019:** 3/21/2019, 3/6/2019 **2020:** 8/5/2020 **2021:** 10/14/2021 **2022:** 5/4/2022 **2023:** 7/5/2023
Federal Way City Council	**2018:** 5/15/2018 **2019:** 10/1/2019 **2020:** 11/17/2020 **2023:** 3/7/2023
Federal Way Community Connections	9/4/2018
Federal Way Diversity Commission	1/9/2019

Table B8-1 List of Briefings and Interviews (continued)

Organization	Date
Fife City Council	**2018:** 2/27/2018 **2020:** 8/18/2020 **2023:** 4/18/2023
Fife Business Park	1/6/2021
Fife businesses	12/23/2019
Fife Milton Edgewood Chamber Membership	4/18/2018
Fife Pacific Plaza	6/26/2019
Freighthouse Square Owners	**2019:** 11/6/2019, 11/8/2019, 11/26/2019, 11/22/2019, 12/23/2019
Graham Real Ventures	9/6/2022
Harsch Investment Properties	**2019:** 10/3/2019, 12/3/2019, 12/4/2019 **2020:** 1/13/2020
HealthPoint Federal Way/King County Public Health	1/9/2019
Infiniti Dealership	8/26/2020
JetroRD	12/16/2020
John L Scott/Windermere	11/20/2020
Joe Hall Construction	12/2/2020
Kings Motor Inn	**2020:** 8/4/2020 **2022:** 11/15/2022
Kitsap Bank	4/28/2021
Korean Community Quarterly Meeting	**2018:** 9/20/2018 **2019:** 3/21/2019
Korean Women's Association	1/16/2020
Lynden Transport	11/27/2023
McDonalds (Fife)	9/4/2019
City of Fife and Pick-Quick, Bucky's Auto	6/5/2019
Mark Coleman and the City of Fife	7/16/2019
VT Radio and East Tacoma Collaborative	6/12/2019
Milton City Council	**2018:** 3/5/2018 **2019:** 4/8/2019 **2020:** 9/14/2020 **2023:** 5/8/2023
Milton Storage	11/15/2023
Merlone Geier Partners	2/23/2022
Multi Service Center	**2019:** 1/15/2019 **2020:** 10/15/2020 **2024:** 6/25/2024
NE Tacoma Neighborhood Council	4/20/2023
New Tacoma Neighborhood Council	**2018:** 4/11/2018, 12/12/2018 **2019:** 1/9/2019, 2/13/2019, 5/8/2019, 6/12/2019, 9/11/2019, 11/13/2019 **2020:** 9/9/2020,10/14/20 **2021:** 6/6/2021, 7/5/2021, 9/8/2021, 10/13/2021 **2022:** 4/13/2022, 5/11/2022, 9/14/2022
North Lake Improvement Club of Federal Way	3/4/2019

Table B8-1 List of Briefings and Interviews (continued)

Organization	Date
O'Brien Auto Group/Tacoma RV Briefing	1/23/2019
PNW Dealers	11/4/2020
Pacific Lutheran University Writing 101 Class on Public Transportation	10/23/2018
Pierce County Chief Appointed Officials	11/21/2018
Pierce County Coordinated Transportation Coalition	5/17/2019
Pierce County Council	4/25/2023
Port of Tacoma Commission	**2018:** 4/19/2018 **2019:** 3/21/2019 **2020**: 8/20/2020
Poulsbo RV	1/13/2020
Presentation to Pierce DSHS WorkFirst network	7/23/2019
Raceways Technology	**2019:** 10/23/2019 **2021:** 1/15/2021
Rainbow Center	7/17/2018
Rainier View Senior Apartments	12/19/2018
Salishan Association Virtual Coffee Connections Cafe	6/30/2020, 7/21/2020, 8/18/2020, 9/1/2020
SeaMar Fife	3/8/2019
Smith Brothers Farms	2/2/2021
Sound Ford	8/26/2020
South End Neighborhood Council	1/4/2021
South King County Mobility Coalition	**2018:** 11/8/2018 **2019:** 7/11/2019 **2020:** 9/10/2020
South King Fire	10/18/2023
Spring Valley Mobile Home Park	6/8/2023
St. Paul Chong Hasang Church	**2018:** 10/24/2018 **2023:** 4/12/2023, 10/11/2023
Tacoma Area Commission on People with Disabilities	**2019:** 4/12/2019 **2020:** 10/9/2020
Tacoma City Council	**2018:** 9/11/2018 **2019:** 3/19/2019, 6/11/2019, 11/12/2019 **2020:** 8/4/2020 **2021:** 3/30/2021 **2023:** 3/21/2023 **2024:** 5/21/2024

Table B8-1 List of Briefings and Interviews (continued)

Organization	Date
Tacoma Councilmembers	**2018:** 1/28/2018 **2019:** 9/17/2019, 9/20/2019, 9/30/2019, 10/1/2019, 11/4/2019, 11/5/2019
Tacoma Green Drinks	8/2/2018
Tacoma Kiwanis Club	**2019:** 6/19/2019 **2022:** 4/19/2022
Tacoma IPS Committee	2/28/2018
Tacoma JMAC	1/11/2019
Tacoma Public Utilities	1/7/2019
Tacoma Planning Commission	**2019:** 3/20/2019, 11/18/2019
Tacoma Soccer Center	1/29/2021
Tacoma TOD Advisory Group	**2019:** 10/21/2019, 11/18/2019, 12/16/2019 **2020:** 10/19/2020
Tacoma Transportation Commission	**2018:** 12/19/2018 **2019:** 3/20/2019, 11/18/2019 12/19/2019 **2020:** 10/21/2020
Tacoma Urban League	5/11/2022
Telecare Corp	12/18/2020
Transit Access Stakeholders	1/10/2019
Union Marine	**2020:** 9/23/2020 **2021:** 6/23/2021
Walmart	5/14/2024
Stakeholder Interviews	
Asia Pacific Cultural Center	10/18/2019
City of Fife	10/17/2019
Consejo Counselling	8/8/2018
East Tacoma Collaborative	10/18/2019
Eastside Community Center	10/24/2019
Fife Public Schools	11/20/2019
Habitat for Humanity	7/18/2018
Hopelink	11/25/2019
Korean Women's Association	10/31/2019
L'Arche Tahoma Hope	7/11/2018
Pierce County Aging and Disability Resource Center and Pierce County Coordinated Transportation Coalition	7/11/2018
Salishan Association	**2018:** 7/18/2018 **2019:** 11/4/2019
St. Paul Chong Hasang Church	11/8/2019
Summit Olympus School	6/27/2018
Tacoma Area Coalition for Individuals with Disabilities	**2018:** 7/18/2018 **2019:** 10/17/2019
Tacoma Community House	6/26/2018
Tacoma Public Schools	6/28/2018
Tacoma Urban League	10/17/2019

Table B8-2 Community Events

Organization	Date
Fairs, Festivals and Tabling Events	
Adventist Community Services Food Bank	8/15/2018
Broadway Farmers Market	9/27/2018
Downtown on the Go Block Party	9/7/2019
Downtown Tacoma Block Party	8/4/2024
Downtown to Defiance	9/9/2018
East Tacoma Community Office Hours	2/23/2019
Eastside Family Support Center Block Party	8/12/2018
EL1 Vision Night	4/28/2019
Federal Way Community Festival (previously the Flavor of Federal Way)	**2018:** 8/18/2018 **2019:** 8/10/2019, 8/17/2019 **2024:** 8/10/2024
Federal Way Farmers Market	**2018:** 6/22/2018 **2019:** 7/27/2019, 7/29/2019 **2021:** 6/19/21, 7/24/21 **2022:** 9/5/2022
Federal Way Library	1/20/2019, 1/23/2019, 1/30/2019, 11/16/2019
Federal Way Community Center Touch-a-truck	5/20/2023
Federal Way State of the City	**2019:** 2/28/2019 **2020:** 2/27/2020
Federal Way Transit Center Outreach	8/31/2018
Fife Harvest Festival	**2018:**10/5/2018 **2019:** 10/6/2019 **2022:** 10/1/2022 **2023:** 10/7/2023 **2024**: 10/5/2024
Fife Library	**2019:** 1/7/2019, 1/15/2019 **2020:** 8/12/2020, 10/23/2020
Fife Music in the Park	6/29/2018
Fife Pride Bingo Night	**2022**: 6/11/2022 **2023**: 6/3/2023
Fix-It Fair	2/23/2019
Foss Water Summer Concert Series	6/15/2019
Greentrike Back to School Event	8/31/2022
Korean Chuseok Festival (Asia Pacific Cultural Center)	**2023:** 9/23/20233 **2024:** 9/14/2024
Lincoln High School Back to School Fair	10/9/2018
Lunar New Year (Asia Pacific Cultural Center)	**2022:** 2/19/2022 **2024:** 2/24/2024
Milton Community Office Hours	2/21/2019
Milton Days	**2018:** 8/19/2018 **2019:** 8/15/2019

Table B8-2 Community Events (continued)

Organization	Date
	2024: 8/17/2024
MOSAIC Festival (formerly Ethnic Festival)	**2018:** 7/28/2018, 7/29/2018 **2019:** 7/28/2019 **2022**: 7/23/2022, 7/24/2022 **2023:** 7/29/23, 7/30/23
Park(ing) Day	9/16/2022
Pasifika Food Fest (Asia Pacific Cultural Center)	**2021:** 7/31/2021 **2022:** 7/30/2022
Pierce Transit BRT Open House	**2019:** 1/24/2019, 1/29/2019
Puyallup Avenue Corridor Improvements Open House	5/29/2024
Puyallup Tribe Pride	**2023:** 7/22/2023 **2024:** 7/20/2024
Puyallup Tribe Youth Canoe Journey	7/31/2024
Red, White, and Blue Festival	7/4/2018
Roosevelt Elementary Back to School Fair	10/3/2018
Salishan Association Holiday Bazaar	12/6/2019
Salishan Association's Night Out Festival	**2019:** 8/7/2019, 8/8/2019 **2021:** 8/3/2021 **2022:** 8/2/2022 **2023**: 8/1/2023 **2024:** 8/6/2024
Sound to Narrows	6/26/2018
Sounders FC2 Game	8/29/2018
Tacoma Juneteenth	**2023:** 6/21/2023 **2024:** 6/19/2024
Tacoma Pride	**2018:** 7/13/2018, 7/14/2018 **2022:** 7/9/2022 **2023:** 7/25/2023 **2024:** 7/13/2024
Tacoma Rainiers Game	8/16/2018
Tacoma Sounder Station tabling	9/17/2018

9 Public and Stakeholder Outreach Meetings

Table B9-1 Stakeholder Group, Elected Leadership Group, and Interagency Group Meetings

Organization	Date
Elected Leadership Group	
Elected Leadership Group Meetings	**2018:** 2/16/2018, 3/19/2018, 5/16/2018, 7/13/2018, 10/12/2018, 11/20/2018 **2019:** 2/22/2019, 5/31/2019, 6/14/2019
Interagency Group Meetings	
Interagency Group Meetings	**2018:** 3/5/2018, 4/2/2018, 5/7/2018, 6/4/2018, 7/16/2018, 9/10/2018, 10/1/2018, 12/3/2018 **2019:** 1/7/2019, 2/19/2019, 3/4/2019, 5/6/2019, 5/26/2019, 7/22/2019, 10/7/2019, 12/2/2019 **2020:** 1/6/2020, 2/3/2020, 4/6/2020, 6/1/2020, 8/3/2020, 9/14/2020, 12/7/2020 **2021**: 4/5/2021, 8/2/2021 **2022**: 2/7/2022, 6/6/2022 **2023**: 3/6/2023, 5/2/2023, 10/2/2023 **2024:** 8/5/2024, 11/4/2024
Stakeholder Group	
Stakeholder Group Meeting	**2018:** 3/28/2018, 5/22/2019, 7/31/2018, 9/27/2018 **2019:** 3/26/2019, 5/29/2019

Table B9-2 Public Outreach Meetings and Workshops

Organization/Location	Date
Drop-in sessions	
Eastside Community Center	11/16/2019
Evergreen State College Tacoma Campus	11/20/2019
Federal Way Community Center	**2019:** 12/4/2019 **2023:** 3/14/2023
Federal Way Library	11/16/2019
Federal Way Link Extension Open House	**2018:** 11/13/2019, 11/20/2019
Fife Pierce County Library	12/3/2019
Milton Starbucks	11/20/2019
Milton/Edgewood Pierce County Library	3/8/2023
Poodle Dog (Fife)	**2019:** 11/21/2019 **2023:** 3/15/2023
Salishan Family Investment Center Holiday Bazaar	12/6/2019
Tacoma Sounder Station	12/4/2019
UW Tacoma	12/3/2019

Table B9-2 Public Outreach Meetings and Workshops (continued)

Organization/Location	Date
Open House	
Early Scoping 2018 open house	**2018:** 4/16/2018, 4/17/2018, 4/23/2018
September 2018 outreach open house	**2018:** 9/12/2018, 9/11/2018, 9/19/2018
Scoping 2019 open house	**2019:** 4/17/2019, 4/18/2019, 4/24/2019
Draft EIS public meetings and hearings	**2025:** 1/21/2025, 1/23/2025, 1/28/2025, 1/30/2025
Station Area Workshops	
South Federal Way Station Area Workshop	4/25/2018
East Tacoma and Tacoma Dome Station Area Workshop	**2018:** 4/26/2018, 11/1/2018
Fife Station Area Workshop	5/1/2018
Federal Way and Fife Station Area Workshop	10/25/2018
Fife and Tacoma Station Area Workshop	1/22/2020
Federal Way Station Area Workshop	1/29/2020
Online Events and Briefings	
Active Transportation Community of Interest Puyallup Watershed Initiative	10/8/2020
Asia Pacific Cultural Center	**2020:** 10/1/2020, 10/29/2020 **2021:** 11/6/2021
Federal Way Black Collective	**2020:** 10/1/2020 **2021:** 3/11/2021
Fife Library Storytime	10/23/2020
Multi Service Center	**2020:** 10/15/2020 **2021:** 4/15/2021
Tacoma Area Commission on Disabilities	10/9/2020
Tacoma Bicycle Pedestrian Technical Advisory Group	10/26/2020
Tacoma Transportation Commission	10/21/2020
Tacoma Transit-Oriented Development Advisory Group	10/19/2010
Salishan Association	10/29/2020

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

ENVIRONMENTAL JUSTICE

Appendix C

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Acronyms and Abbreviations

ACS	American Community Survey
Belmor	Belmor Mobile Home Park
BMP	best management practice
DOH	Washington State Department of Health
DOT	United States Department of Transportation
EIS	Environmental Impact Statement
EJScreen	Environmental Justice Screening and Mapping
EO	Executive Order
EPA	United States Environmental Protection Agency
Fife Median Alternative	Fife Pacific Highway Median Alternative
FTA	Federal Transit Administration
FW	Federal Way
I-5	Interstate 5
M.O.S.	minimum operable segment
NEPA	National Environmental Policy Act
OMF South	Operations and Maintenance Facility South
Puyallup Tribe of Indians	Puyallup Tribe of the Puyallup Reservation
SEPA	State Environmental Policy Act
SF	South Federal Way
Sound Transit	Central Puget Sound Regional Transit Authority
TDLE	Tacoma Dome Link Extension
USC	United States Code
WSDOT	Washington State Department of Transportation
“X”	the company formerly known as Twitter

APPENDIX C ENVIRONMENTAL JUSTICE TECHNICAL REPORT

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing the Tacoma Dome Link Extension (TDLE) project to expand the regional light rail system south from the terminus of the Federal Way Link Extension at the Federal Way Downtown Station (opening in 2026) to the Tacoma Dome area near the existing Tacoma Dome Station. The project includes:

- Approximately 10 miles of new dedicated guideway. Most of the guideway would be elevated and there would be no at-grade vehicle or pedestrian crossings. The guideway crosses the ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), as well as the cities of Federal Way, Fife, Milton, and Tacoma.
- New stations in South Federal Way and Fife and two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome area).
- A new rail-only fixed-span bridge crossing the Puyallup River.
- New parking facilities with approximately 500 stalls each at the stations in South Federal Way and Fife.

1 INTRODUCTION TO RESOURCE AND REGULATORY REQUIREMENTS

This appendix documents the environmental justice analysis conducted for the No-Build and build alternatives for the Sound Transit TDLE project. The analysis defines and describes the minority and low-income populations present in the study area; addresses potential beneficial and adverse project effects to minority and low-income populations; identifies measures to avoid, minimize, or mitigate potential adverse effects; and makes a determination of whether the project has disproportionate and adverse effects on these populations. The appendix also summarizes outreach to minority and low-income populations.

1.1 Regulatory Framework

The environmental justice analysis was performed in compliance with:

- Presidential Executive Order (EO) 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations (EO 12898), February 11, 1994.
- U.S. Department of Transportation (DOT) Order on Environmental Justice DOT Order 5610.2C – Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, May 14, 2021.
- DOT Federal Transit Administration (FTA), Circular FTA C 4703.1, Environmental Justice Policy Guidance for Federal Transit Administration Recipients, August 15, 2012 (FTA 2012a).
- Executive Order 14096, Executive Order to Revitalize our Nation's Commitment to Environmental Justice for All, April 21, 2023.

EO 12898 provides that "...each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and

low-income populations in the United States and its territories and possessions, the District of Columbia, the Commonwealth of Puerto Rico, and the Commonwealth of the Mariana Islands." The EO addresses the importance of public participation in the review process. EO 14096, Revitalizing Our Nation's Commitment to Environmental Justice for All, was enacted April 21, 2023. EO 14096 requires agencies to "identify, analyze, and address disproportionate and adverse human health and environmental effects (including risks) and hazards of Federal activities, including those related to climate change and cumulative impacts of environmental and other burdens on communities with environmental justice concerns." The new EO 14096 on environmental justice does not rescind EO 12898, which has been in effect since February 11, 1994, and is currently implemented through the May 14, 2021, DOT Order 5610.2C. This implementation will continue until further guidance is provided regarding the implementation of the new EO 14096 on environmental justice.

The U.S. DOT issued DOT Order 5610.2(a), which established the procedures to use to comply with EO 12898, to avoid disproportionate and adverse effects on minority and low-income populations. The order has been superseded twice and is now U.S. DOT Order 5610.2C. The DOT order requires agencies to observe the following principles (DOT Order 5610.2C, § 6(b)):

- Planning and programming activities for policies, programs, and activities that have the potential to have a disproportionately high and adverse effect on human health or the environment shall include explicit consideration of the effects on minority populations and low-income populations.
- Steps shall be taken to provide the public, including members of minority populations and low-income populations, access to public information concerning the human health or environmental impacts of programs, policies, and activities, including information that will address the concerns of minority and low-income populations regarding the health and environmental impacts of the proposed action. This includes ensuring that information is made available in languages other than English and in accessible formats for persons with disabilities.

The DOT order further explains that: "In making determinations regarding disproportionately high and adverse effects on minority and low-income populations, mitigation and enhancement measures that would be implemented and all offsetting benefits to the affected minority and low-income populations may be taken into account, as well as the design, comparative impacts, and the relevant number of similar existing system elements in non-minority and non-low-income areas" (DOT Order 5610.2C § 9(b)).[1]

The terms "disproportionate and adverse effect," "minority persons," and "low-income persons" are defined in the DOT order:

- **Disproportionate and adverse effect on minority and low-income populations** means an adverse effect that is predominately borne by a minority population and/or a low-income population or will be suffered by the minority population and/or low-income population and is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by the non-minority population and/or non-low-income population (DOT Order 5610.2C, § Appendix 1(g)).

[1] Under EO 14096, agencies will continue their efforts to advance environmental justice in ways that complement and deepen prior work. EO 14096 uses the term "disproportionate and adverse" as a simpler, modernized version of the phrase "disproportionately high and adverse" used in EO 12898. Those phrases have the same meaning but removing the word "high" eliminates potential misunderstanding that agencies should only be considering large disproportionate effects. Link: FACT SHEET: President Biden Signs Executive Order to Revitalize Our Nation's Commitment to Environmental Justice for All | The White House.

- **Minority person** means a person who is:
  - Black: a person having origins in any of the Black racial groups of Africa.
  - Hispanic or Latino: a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.
  - Asian American: a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent.
  - American Indian or Alaskan Native: a person having origins in any of the original people of North America and South America (including Central America) and who maintains cultural identification through Tribal affiliation or community recognition.
  - Native Hawaiian and Other Pacific Islander: a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands (DOT Order 5610.2C, Appendix §1(c)).
- **Low-income person** means a person whose household income is at or below the U.S. Department of Health and Human Services poverty guidelines (DOT Order 5610.2C Appendix § 1(b)).

  The 2024 poverty guideline for a household of one is $15,060 annual income and for a household of four is $31,200 annual income (DHHS 2024). Sound Transit's low-income threshold is two times the federal poverty level, which the agency has determined is appropriate for use in determining eligibility for a reduced fare program and reflects the increasingly high cost of living in the region (Sound Transit 2014b).

In addition to the terms defined in the DOT order, a person with limited English proficiency is defined by the United States Census Bureau as a person who speaks English "less than well." Sound Transit has translated project outreach materials into Spanish, Korean, Vietnamese, Khmer, and Russian.

The following list of federal, state, and local regulations; executive orders; and plans and/or policies were used to guide the assessment of environmental justice effects as part of this analysis:

- Title 49 of the Code of Federal Regulations Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964.
- Title 23 of the United States Code Section 109(h), Federal Highway Administration Effectuation of Title VI of the Civil Rights Act of 1964.
- Presidential EO 13166, Improving Access to Services for Persons with Limited English Proficiency, August 11, 2000 (Presidential EO 2000).
- Presidential EO 13045, Protection of Children from Environmental Health Risks and Safety Risks, April 23, 1997 (Presidential EO 1997).
- Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 as amended. This act defines the federal regulations governing property acquisition and relocation for federally funded projects.
- FTA, Circular FTA C 4702.1B, Title VI Requirements and Guidelines for Federal Transit Administration Recipients, October 1, 2012 (FTA 2012b).
- Sound Transit/Washington State Department of Transportation (WSDOT), Re Alignment Issue Paper No. 36, Implementing Environmental Justice Pursuant to Executive Order

12898 and the Department of Transportation Order to Address Environmental Justice in Minority Populations and Low-Income Populations, October 4, 2001 (Sound Transit 2001).

- State of Washington Governor's EO 93-07, September 27, 1993.
- Washington State Department of Transportation Environmental Manual, Chapter 458, Social and Community Effects, and Chapter 460, Environmental Justice (WSDOT 2023).

2 METHODS AND APPROACH

Sound Transit conducted the environmental justice analysis for TDLE in compliance with the regulatory framework identified in Section 1.1, including FTA Circular C 4703.1 Chapter II, Conducting Environmental Justice Analysis, to identify, analyze, and address whether the project would result in disproportionate and adverse effects. This includes:

- Creating a residential demographic profile through demographic data to help determine where environmental justice populations are located, including census data and supplemental data, such as elementary school statistics and information collected through community engagement.
- Implementing a targeted public engagement plan that encourages meaningful engagement by all members of the affected communities to inform the environmental justice analysis.
- Identifying the potential for disproportionate burdens on environmental justice versus non-environmental justice populations by comparing the percentage of low-income and minority populations in the study area to the Sound Transit service district average. This is used to understand how the distribution and concentration of minority and low-income populations that could be affected by the project relate to the broader geographic area where Sound Transit provides services. The Sound Transit service district includes the area that would experience impacts and receive benefits of Sound Transit projects and consists of the urbanized areas of King, Pierce, and Snohomish counties that are within the Sound Transit taxing district.
- Identifying adverse effects of the project.
- Analyzing whether adverse effects are disproportionate. This includes wholistic consideration of the project impacts, mitigation, and benefits. The FTA Circular states that "Many public transportation projects involve both adverse effects such as short-term construction impacts, increases in bus traffic, etc., and positive benefits such as increased transportation options, improved connectivity, or overall improvement in air quality. Whether adverse effects will be disproportionately high is dependent on the net results after consideration of the totality of the circumstances."
- Determining whether the adverse effect would be predominately borne by environmental justice populations by considering:
  - Whether the adverse effects on environmental justice populations exceed those borne by non-environmental justice populations.
  - Whether cumulative or indirect effects would adversely affect an environmental justice population.
  - Whether mitigation and enhancement measures will be taken for environmental justice and non-environmental justice populations.
  - Whether there are off-setting benefits to environmental justice populations as compared to non-environmental justice populations.

The environmental justice analysis considers potential project impacts for elements of the environment for the No-Build Alternative and the build alternatives. The impacts include direct construction and operation impacts, indirect impacts, and cumulative impacts. These impacts are assessed according to their likelihood, severity, and duration.

The analysis also includes information about the targeted outreach efforts that Sound Transit has made to involve minority and low-income populations in the project planning and considers measures to avoid, minimize, or mitigate potential adverse impacts. Sound Transit qualitatively assessed whether mitigation measures and project benefits would likely accrue to minority and/or low-income populations and whether they would offset potential adverse impacts (after mitigation measures are applied) to these environmental justice populations. If potential adverse impacts are mitigated and/or the project's benefits effectively offset impacts to low-income and minority populations, the analysis may conclude that there would be no disproportionate and adverse effects on environmental justice populations.

Sound Transit is also implementing a Racial Equity Tool (RET) for TDLE, which is intended to address potential negative impacts to communities of color and the historically marginalized and inform decision-making related to the Project. The RET process overlaps with and complements this NEPA environmental justice analysis and was applied as summarized in Section 5, Racial Equity Tool Process.

2.1 Data Sources

The environmental justice analysis includes a description of the demographics of the TDLE study area using the most recent U.S. Census data available at the time of the analysis. The analysis used 2017 to 2021 American Community Survey (ACS) data at the census block group level for minority, low-income, and limited English proficiency populations in the study area.

Available datasets from the U.S. Environmental Protection Agency (EPA) EJScreen (Environmental Justice Screening and Mapping) and the Council on Environmental Quality's Climate and Economic Justice Screening tool were used to validate environmental justice characteristics in the study area (EPA 2022).

Elementary school data were reviewed as another source of information and used to enhance Sound Transit's understanding of the communities surrounding the project. The analysis primarily used elementary school data because elementary school attendance areas are geographically smaller than middle or high school attendance areas and thus better represent the project study area with which they overlap. However, due to the limited number of elementary schools within the study area, high school data were used to supplement available elementary school data. Data used came from the 2022-2023 school year Washington State Report Card.

The Washington State Department of Health (DOH) Environmental Health Disparities Map (DOH 2022) was also reviewed. The map is an interactive tool that ranks the health disparities for each census tract, based on 19 indicators related to environmental exposures, environmental effects, sensitive populations, and socioeconomic factors. The data underlying those 19 indicators are combined into a cumulative score reflecting environmental and socioeconomic risk factors that allows for comparison among Washington's census tracts, with a score of 10 being the highest risk and 1 being the lowest.

Sound Transit also conducted interviews with social service providers to better understand the populations in the study area. These interviews also informed the outreach strategy to engage populations that are traditionally hard to reach.

2.2 Study Area

The study area for the environmental justice analysis extends 0.5 mile from the TDLE footprint and construction areas. This study area is sized to allow the project team to identify potentially affected populations or community resources that could be subject to project impacts. This 0.5-mile distance also represents the typical walking distance residents and workers might cover to access the proposed transit stations and captures areas where residents and communities would experience the benefits of improved access to transit, as well as where there are potential impacts to the built environment surrounding the project. These study area neighborhoods have social resources that provide residents with many opportunities to interact and develop a sense of community cohesion. Additional information on the location of these social resources and community cohesion within the study area can be found in Section 4.4, Environmental Justice, Social Resources, Community Facilities, and Neighborhoods, of the Draft Environmental Impact Statement (EIS).

This analysis describes demographics and study area characteristics for each of the TDLE alternatives. TDLE alternatives extend through the cities of Federal Way, Milton, Fife, and Tacoma, and a portion of the Pierce County. All the TDLE alternatives would also cross the ancestral and reservation lands of the Puyallup Tribe of Indians and the Puyallup River.

3 STUDY AREA DEMOGRAPHICS

Readily available ACS data and school data were analyzed to assess the demographic composition of minority and low-income populations and to capture other key demographic information of the population located within the study area for each of the project build alternatives.

In addition to ACS data, available datasets from the U.S. Environmental Protection Agency (EPA) EJScreen (Environmental Justice Screening and Mapping) and the Council on Environmental Quality’s Climate and Economic Justice Screening tool were used to validate environmental justice characteristics in the study area. The EJScreen reports are included in Attachment A.

3.1 Study Area Characteristics

Table C3-1 and Table C3-2 summarizes study area demographic characteristics from ACS data for each of the project segments and compares them with those of the cities of Federal Way, Fife, Tacoma, and Milton, as well as King and Pierce counties and the Sound Transit District as a whole. The purpose of these comparisons is to understand how the distribution and concentration of minority and low-income populations could be affected by the proposed build alternatives and how they relate to the broader geographic area where Sound Transit provides transit service. For example, the percentage minority population and low-income persons in each of the TDLE segments is higher than the Sound Transit District as a whole. Survey data from 2018 to 2019 identified that approximately 43 percent of Sound Transit ridership across all modes (Link light rail, Regional Express bus, and Sounder) are from minority groups, many of whom use transit for more than commuting purposes (Sound Transit 2022a and 2022b).

Geographic information system maps were also developed to show minority and income characteristics of the population within each study area (Figures C3-1 through C3-8) and identify existing affordable housing, which is housing that is affordable to those earning 80 percent or less of the area median income for the county. Section 4.4, Environmental Justice, Social Resources, Community Facilities, and Neighborhoods, of the Draft EIS also describes social resources in the study area, many of which could be used by minority and low-income populations. Those social resources are shown in Figures C3-9 through C3-12.

Table C3-1 Study Area Demographic Characteristics[1]

	Total Population	Minority Population[2]	Low-Income Persons[3]	Households with Limited English Proficiency[4]	Median Household Income
Sound Transit District					
	3,268,710	42%[5]	20%[5]	6%[5]	$105,671
Segment					
Federal Way	20,833	67%	33%	13%	$62,520
South Federal Way	31,401	50%	25%	7%	$81,688
Fife	18,899	50%	29%	6%	$79,485
Tacoma	19,351	51%	39%	4%	$56,727
City					
City of Federal Way	99,792	60%	29%	8%	$72,969
City of Fife	10,869	57%	26%	5%	$75,557
City of Tacoma	217,332	43%	28%	4%	$69,956
City of Milton	8,501	28%	19%	2%	$81,690

Source: U.S. Census Bureau, ACS 2017-2021 5-Year Estimates (2022).
Notes:
(1) Percentages represent estimates based on survey data. Survey data are not available at the census-block level; the data represent an estimate of minority and low-income persons in block groups within 0.5 mile of each build alternative.
(2) Minority is defined as all but Non-Hispanic White Alone.
(3) Low-income is defined as the percentage of a block group's population in households where the household income is less than or equal to twice the federal poverty level.
(4) A person with limited English proficiency is defined by the U.S. Census Bureau as a person who speaks English "less than well."
(5) 2020 5-Year American Community Survey.

Table C3-2 Race and Ethnicity Characteristics[1]

	Black or African American	Hispanic or Latino	Asian	American Indian and Native Alaskan	Native Hawaiian/ Pacific Islander	Two or More Races and Other
Sound Transit District[2]						
	7%	11%	16%	1%	1%	7%
Segment						
Federal Way	20%	19%	15%	<1%	3%	10%
South Federal Way	12%	13%	12%	1%	3%	11%
Fife	8%	17%	10%	3%	4%	8%
Tacoma	9%	19%	8%	3%	2%	9%
City						
City of Federal Way	17%	17%	14%	1%	2%	9%
City of Fife	11%	16%	14%	2%	6%	8%
City of Tacoma	10%	12%	9%	1%	1%	10%
City of Milton	1%	11%	8%	<1%	1%	7%

Source: U.S. Census Bureau, ACS 2017-2021 5-Year Estimates (2022).
Notes:
(1) Percentages represent estimates based on survey data. Survey data are not available at the census-block level; the data represent an estimate of minority and low-income persons in block groups within 0.5 mile of each build alternative.
(2) 2020 5-Year American Community Survey.

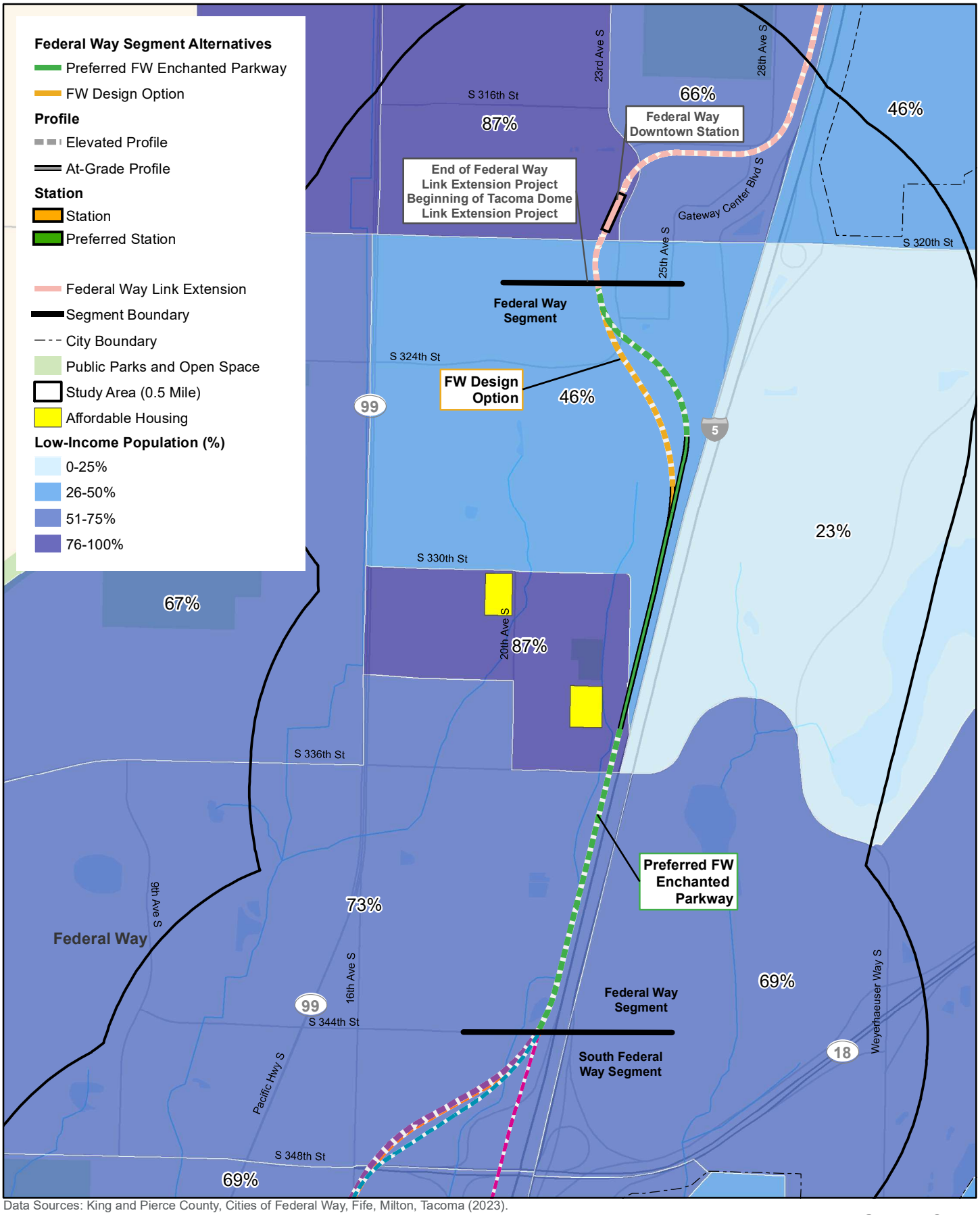

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE C3-1
Low-Income Populations
Federal Way Segment

Tacoma Dome Link Extension

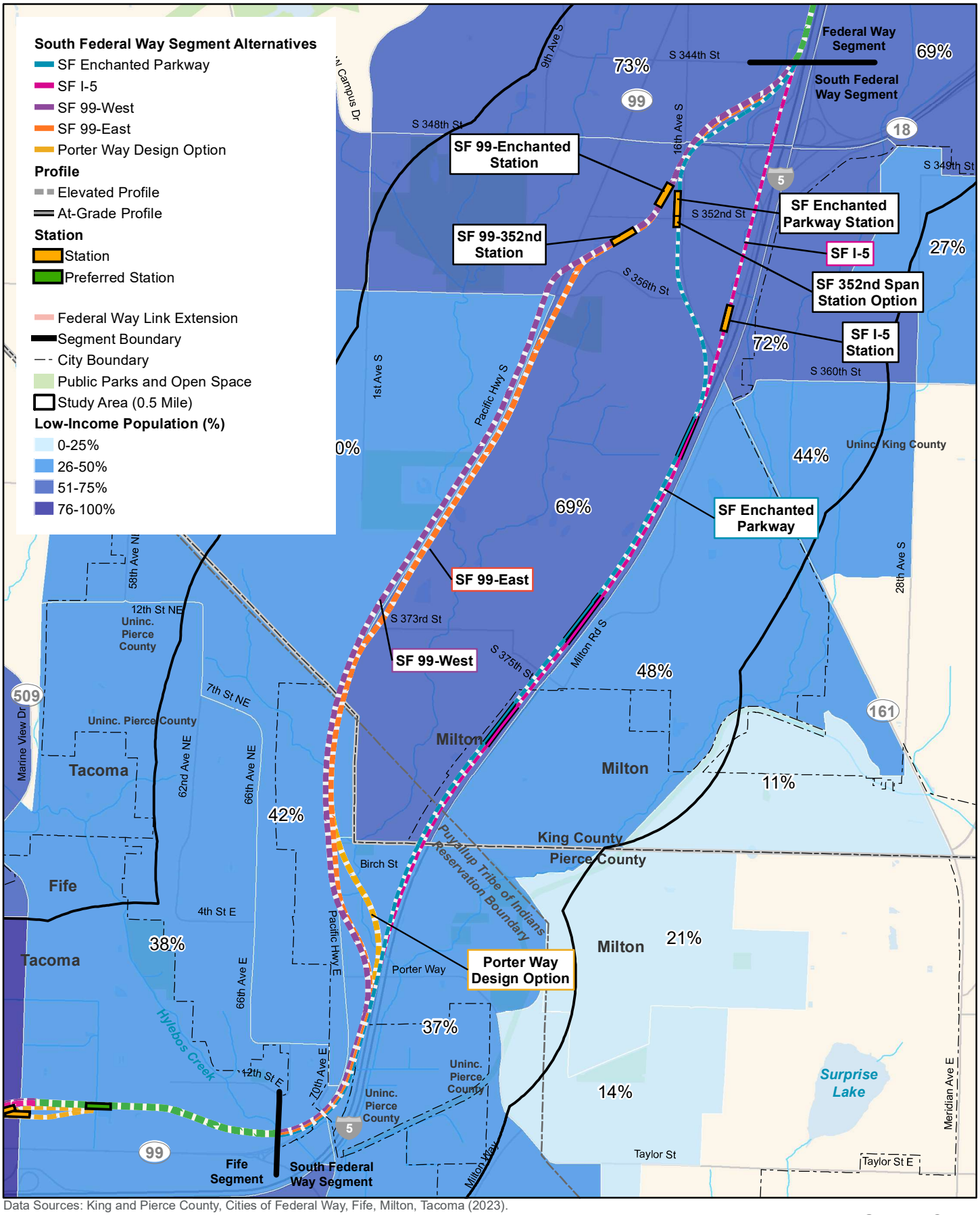

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-2
Low-Income Populations
South Federal Way Segment

Tacoma Dome Link Extension

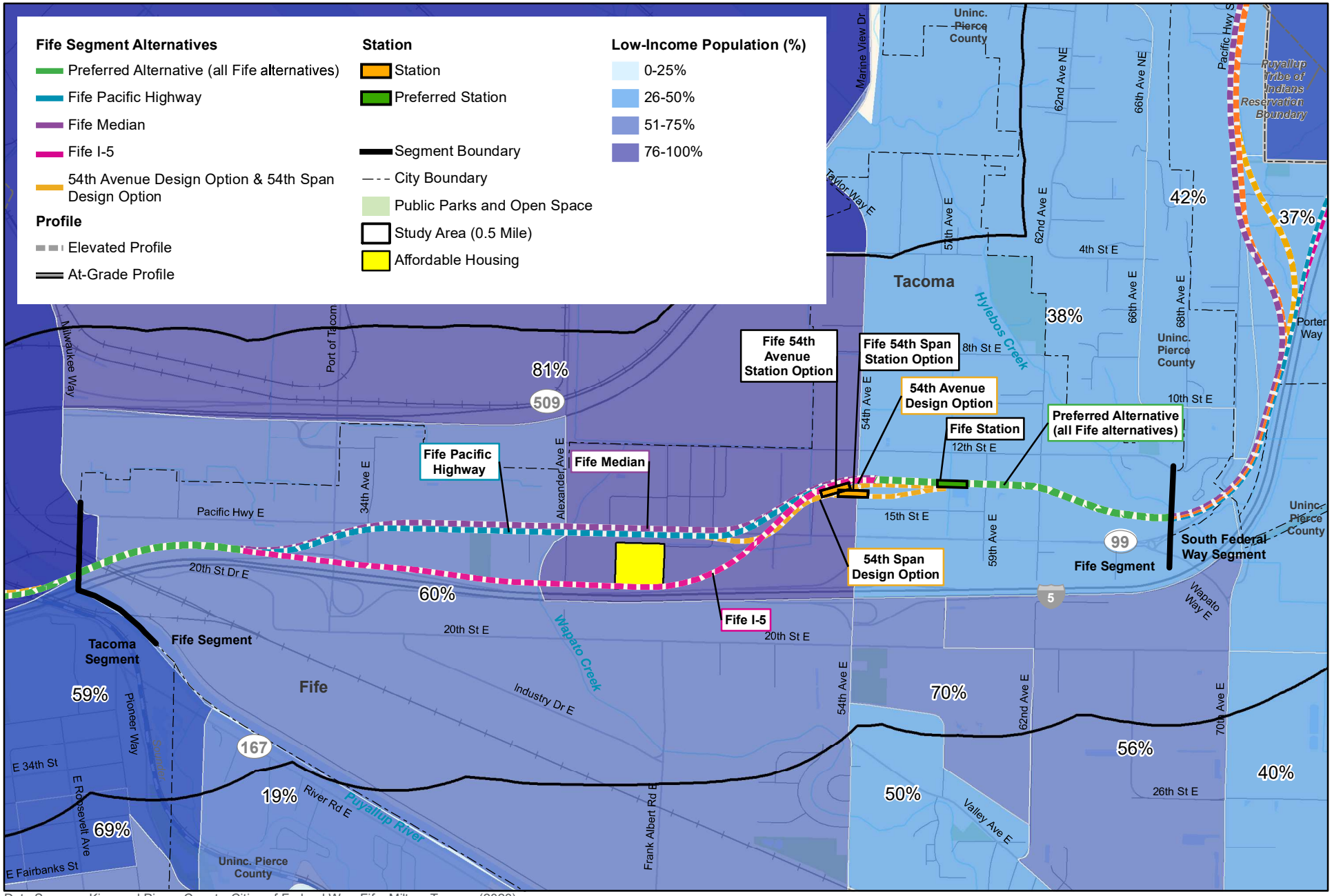

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-3
Low-Income Populations
Fife Segment

Tacoma Dome Link Extension

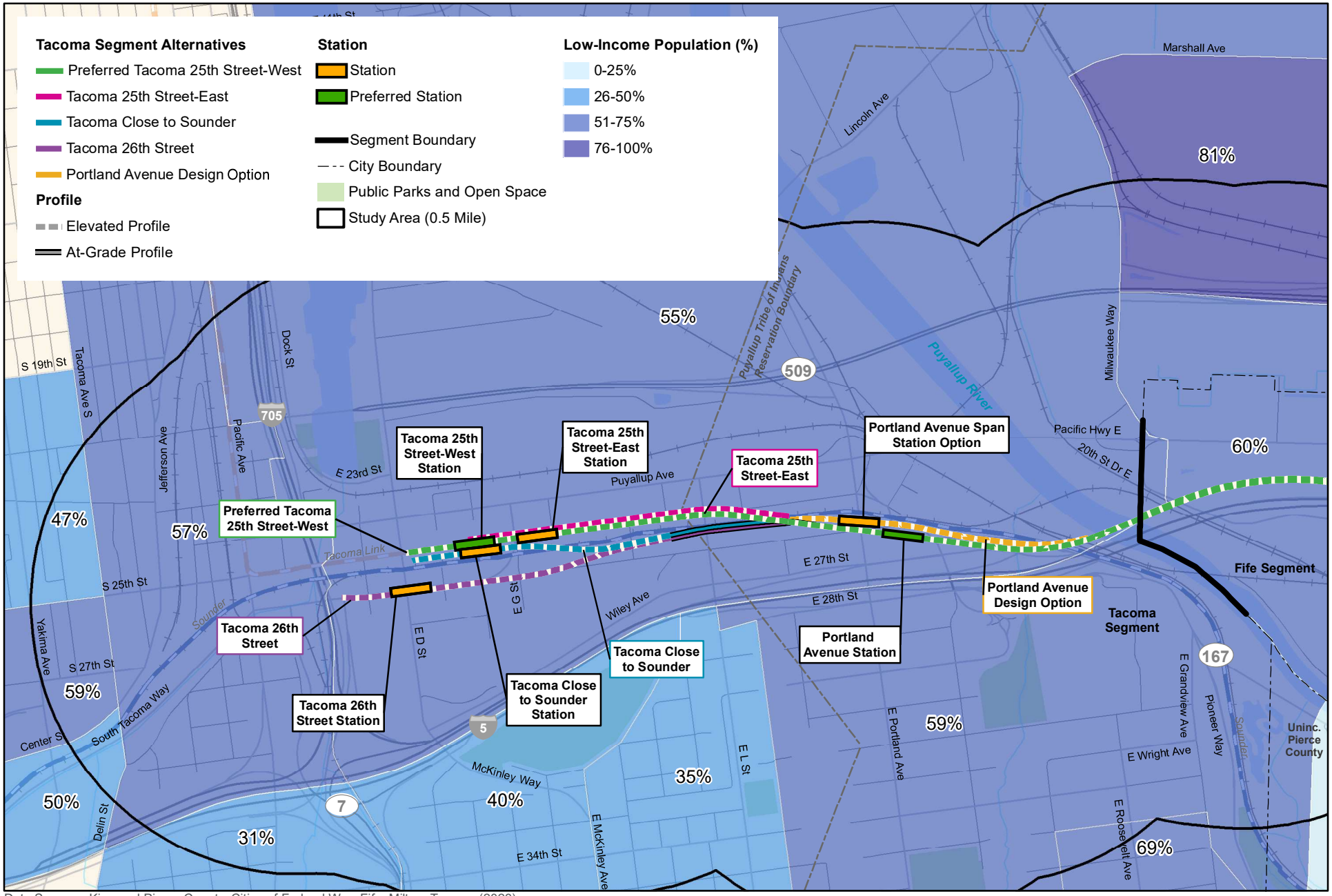

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-4
Low-Income Populations
Tacoma Segment

Tacoma Dome Link Extension

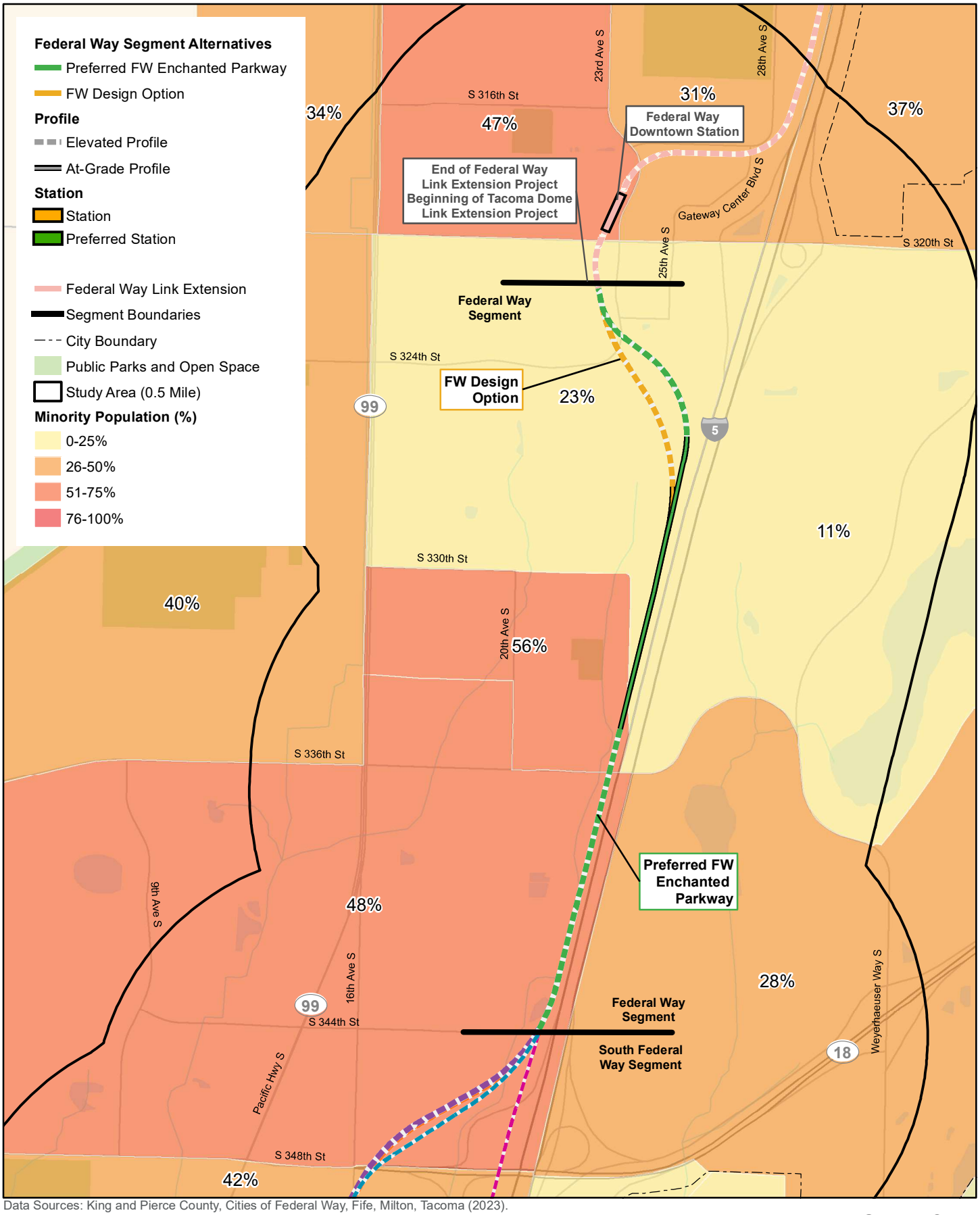

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE C3-5
Minority Populations
Federal Way Segment

Tacoma Dome Link Extension

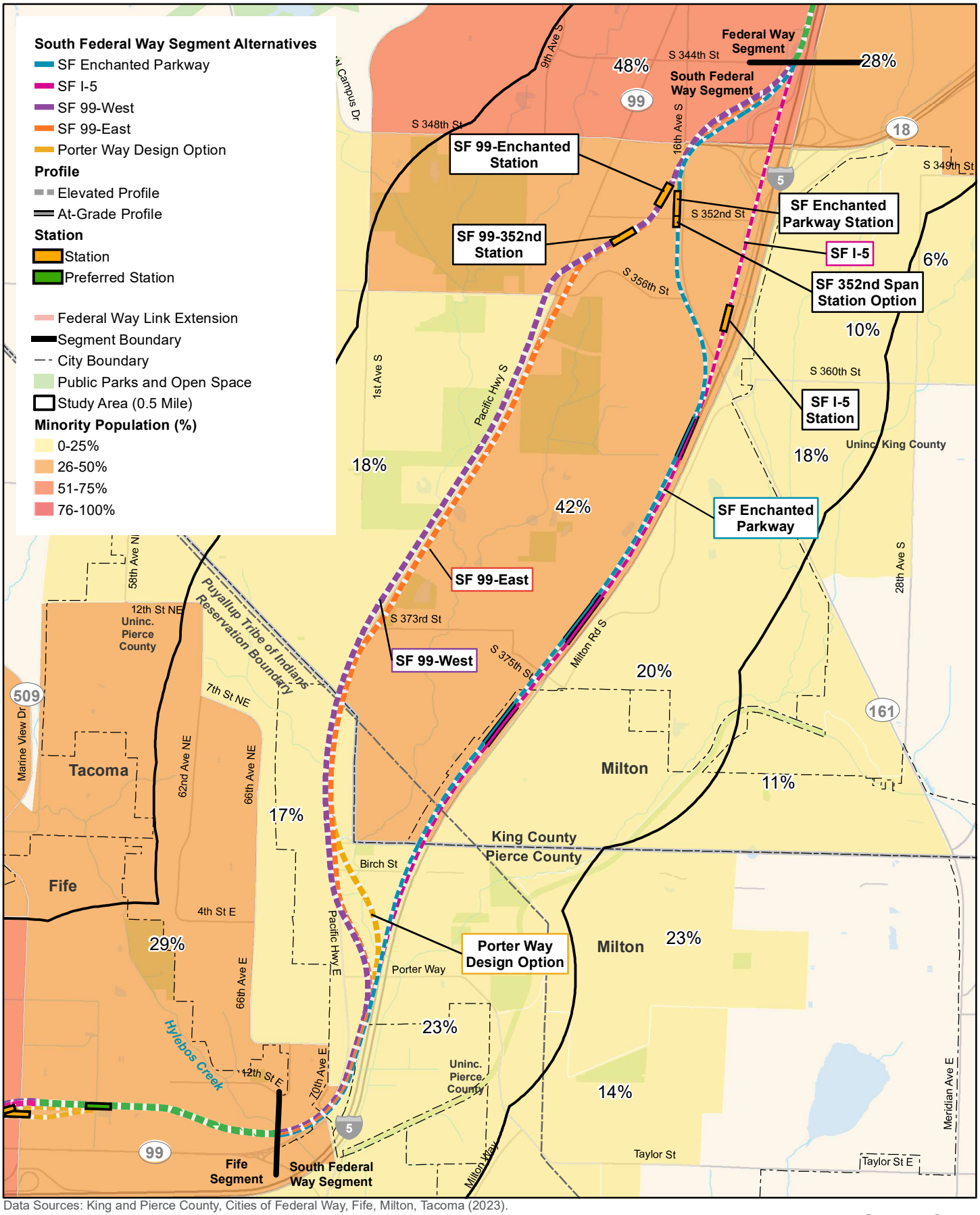

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-6
Minority Populations
South Federal Way Segment

Tacoma Dome Link Extension

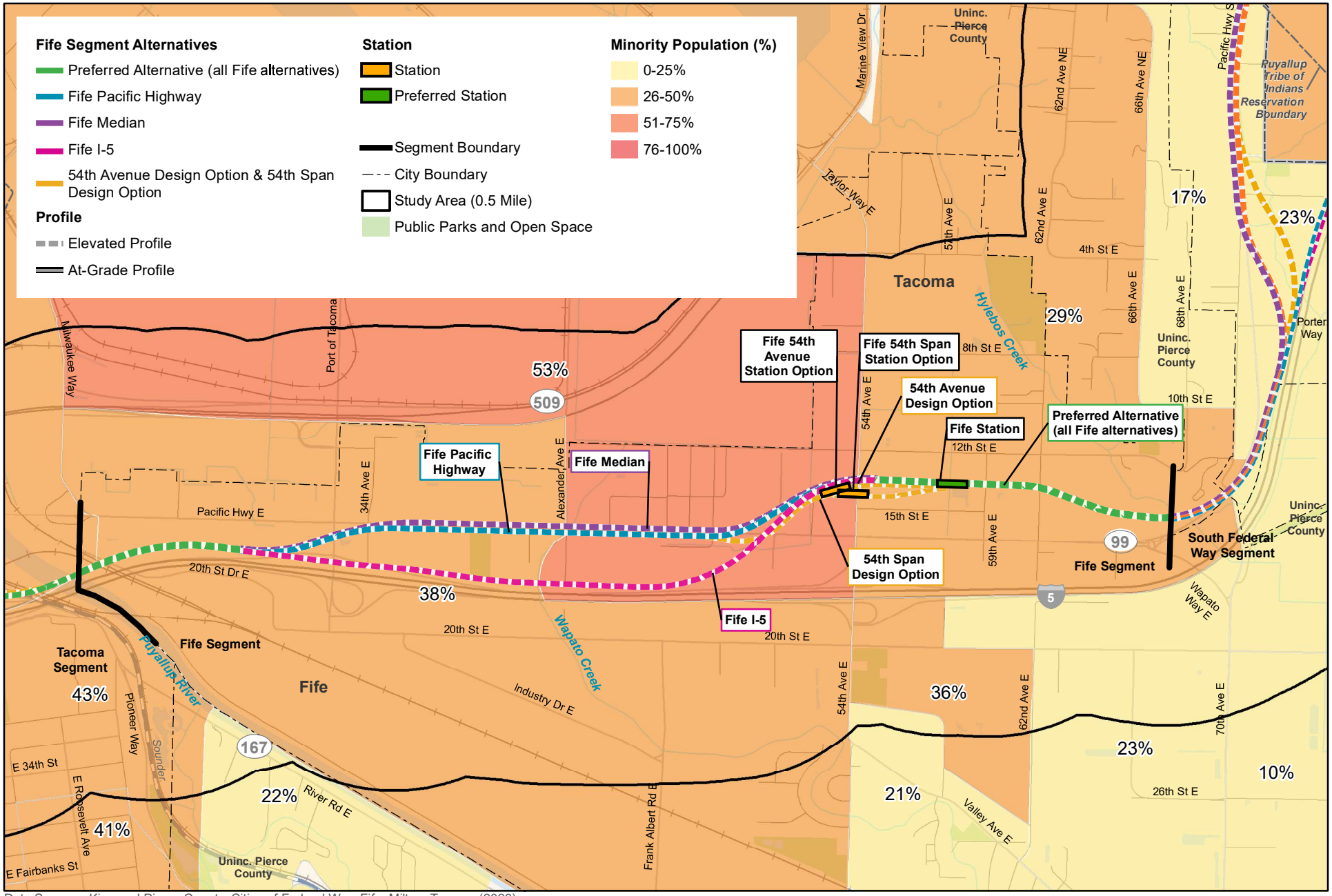

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-7
Minority Populations
Fife Segment

Tacoma Dome Link Extension

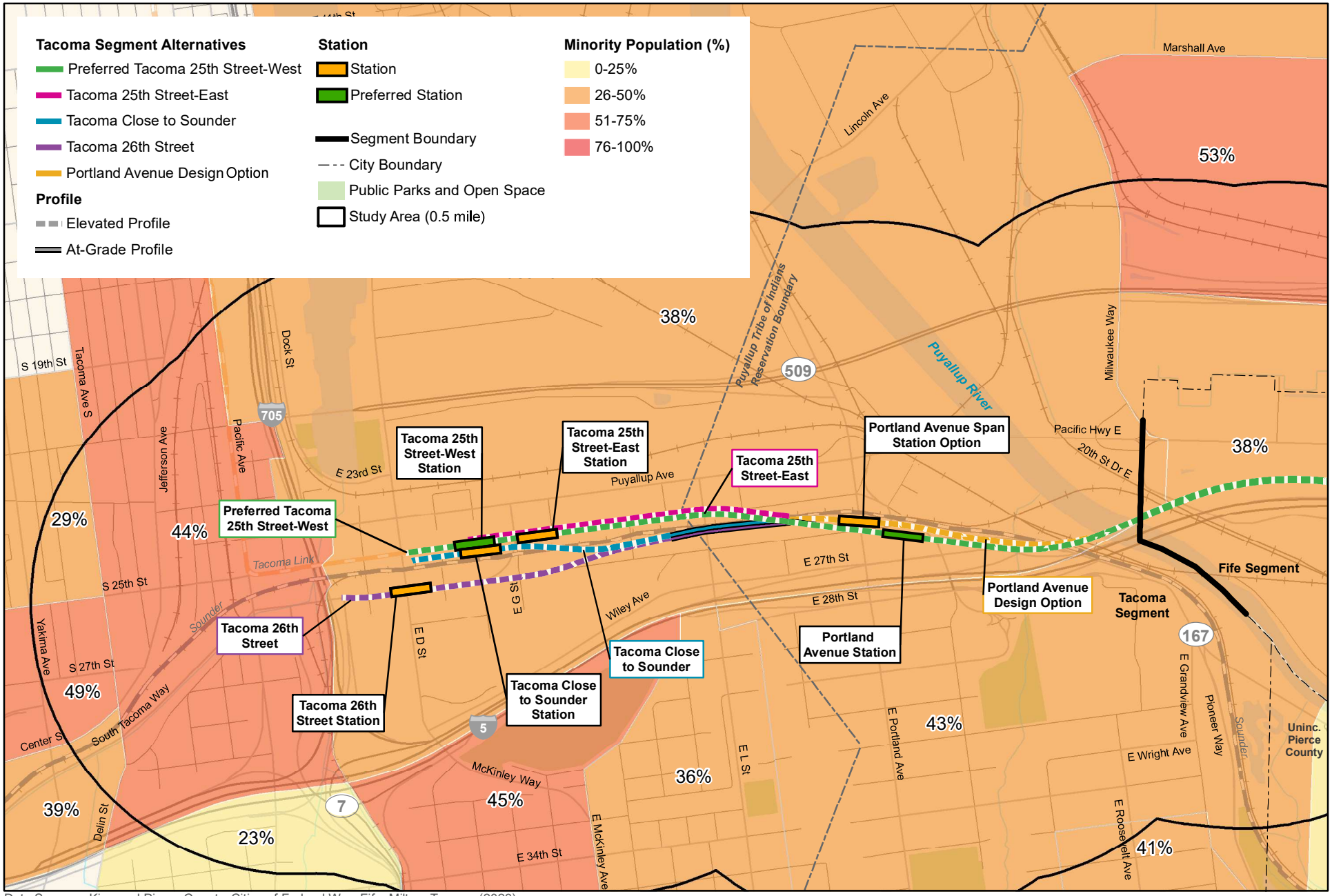

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-8
Minority Populations
Tacoma Segment

Tacoma Dome Link Extension

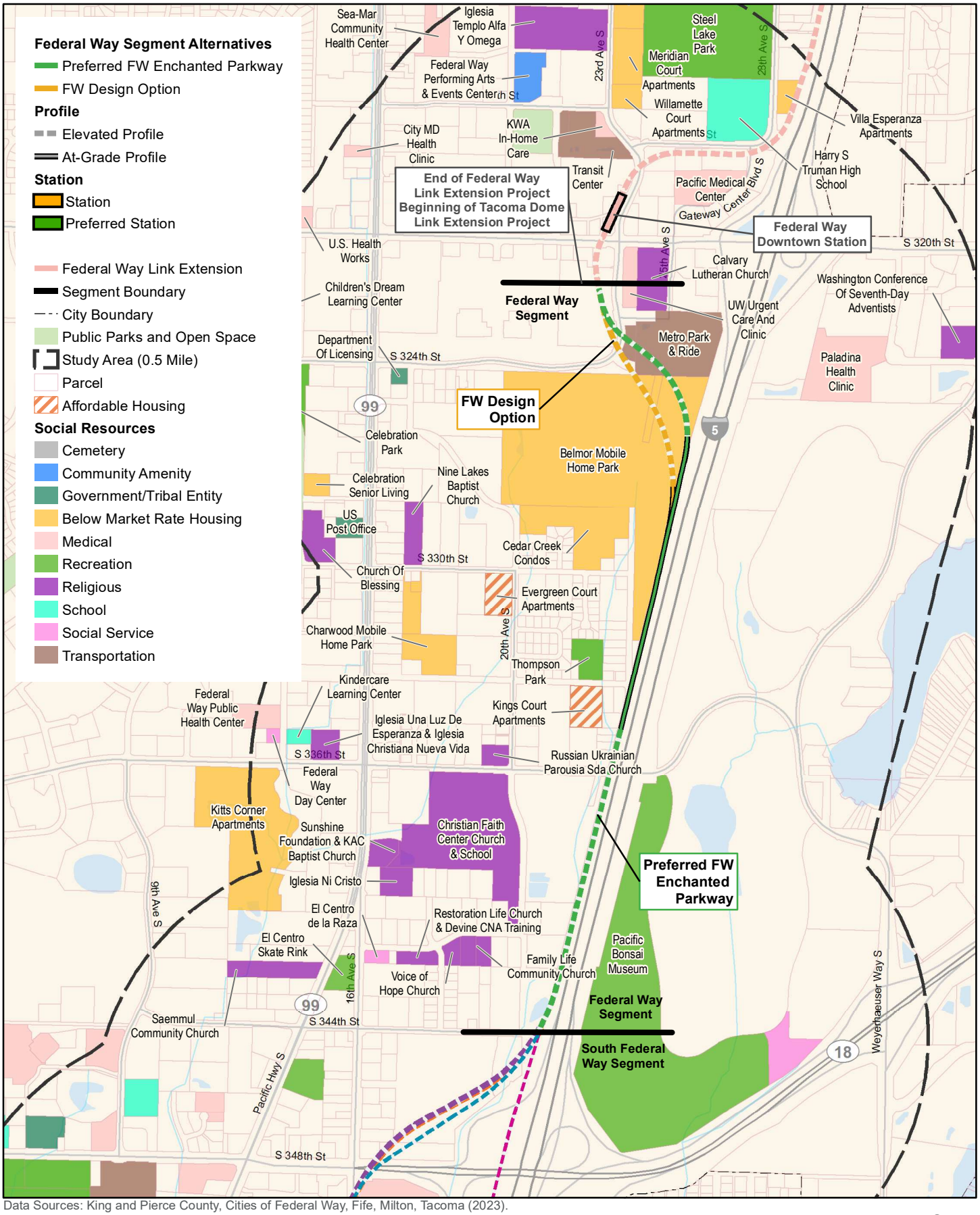

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

Figure C3-9
Social Resources Study Area
Federal Way Segment

Tacoma Dome Link Extension

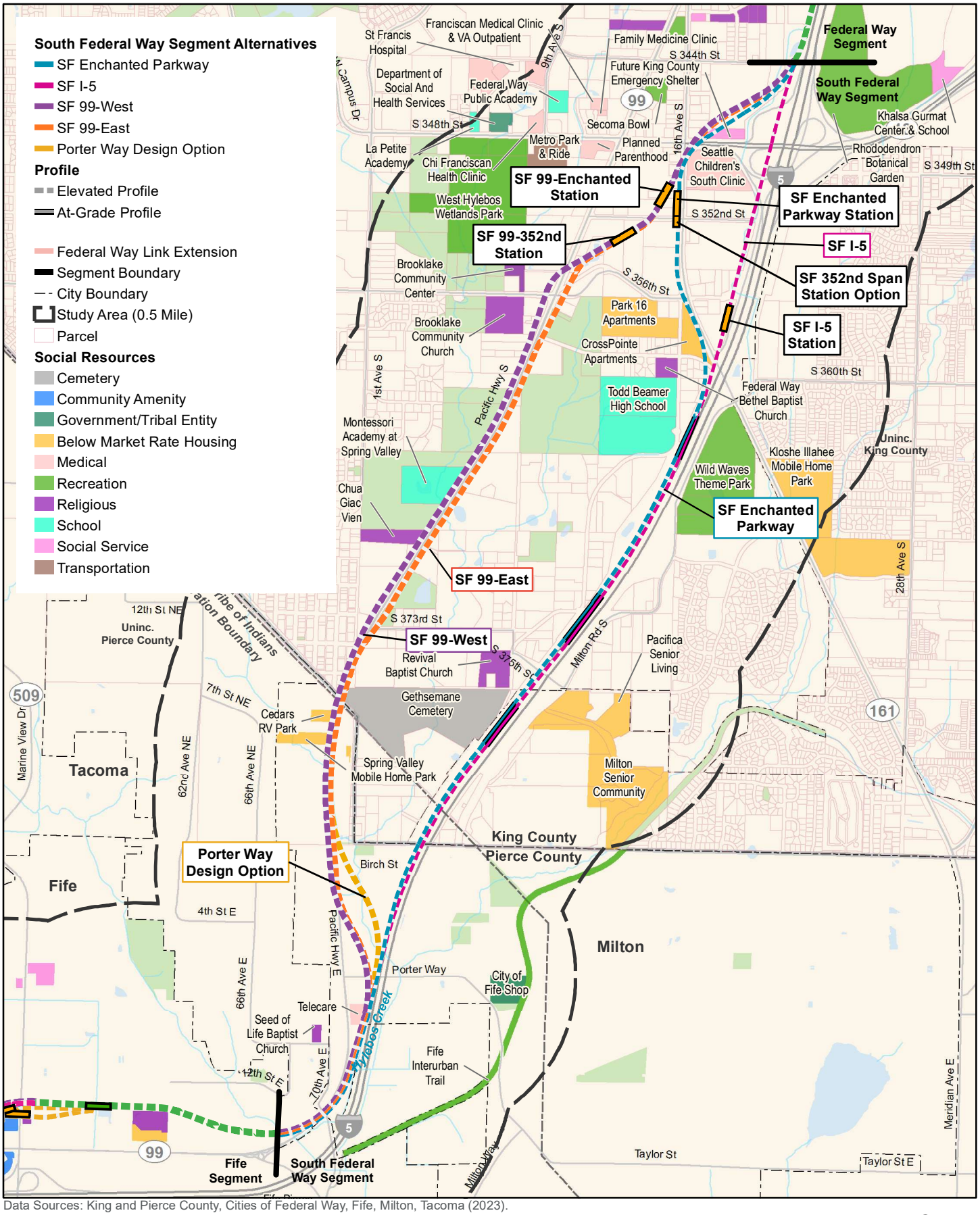

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

Figure C3-10
Social Resources Study Area
South Federal Way Segment

Tacoma Dome Link Extension

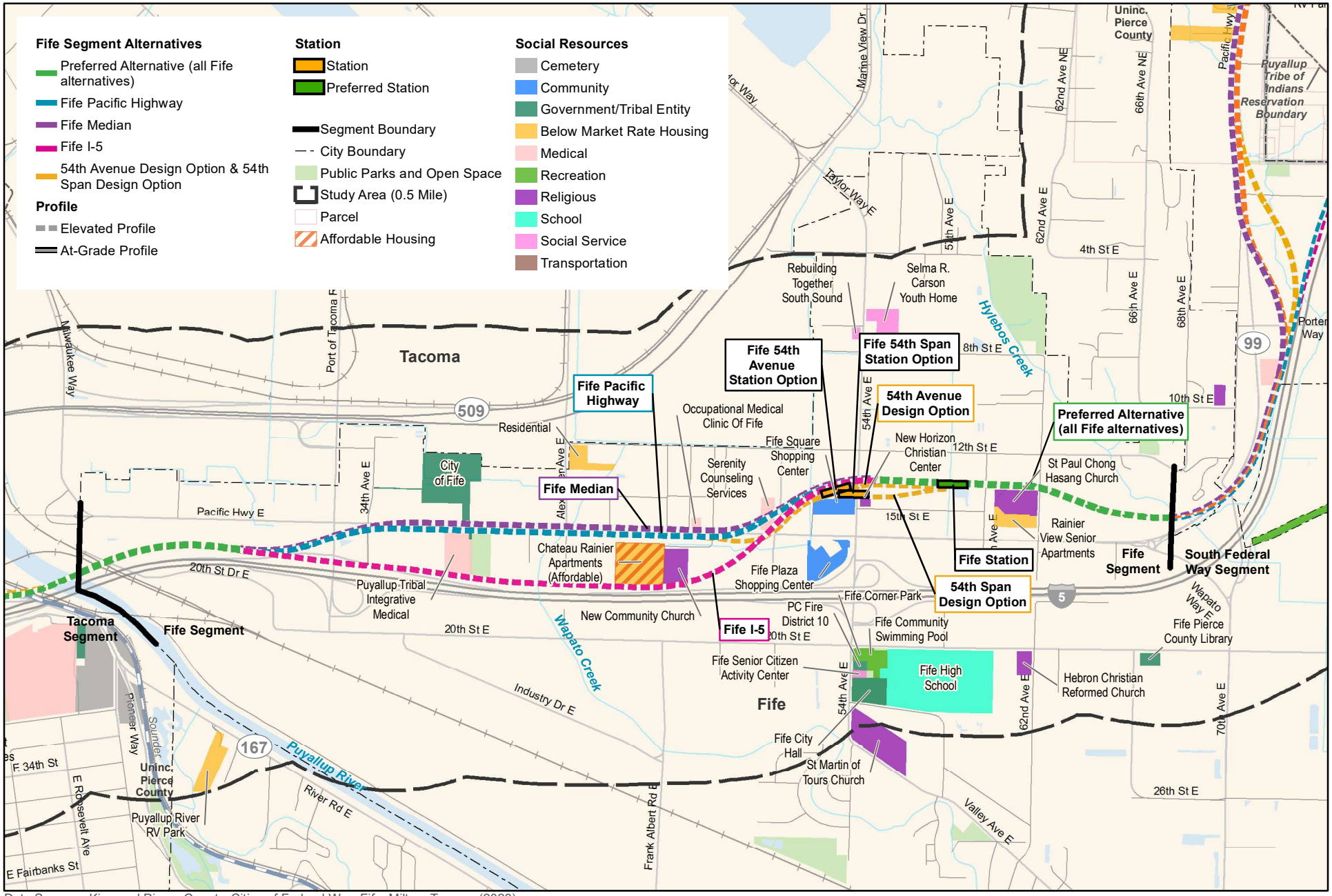

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-11
Social Resources Study Area
Fife Segment

Tacoma Dome Link Extension

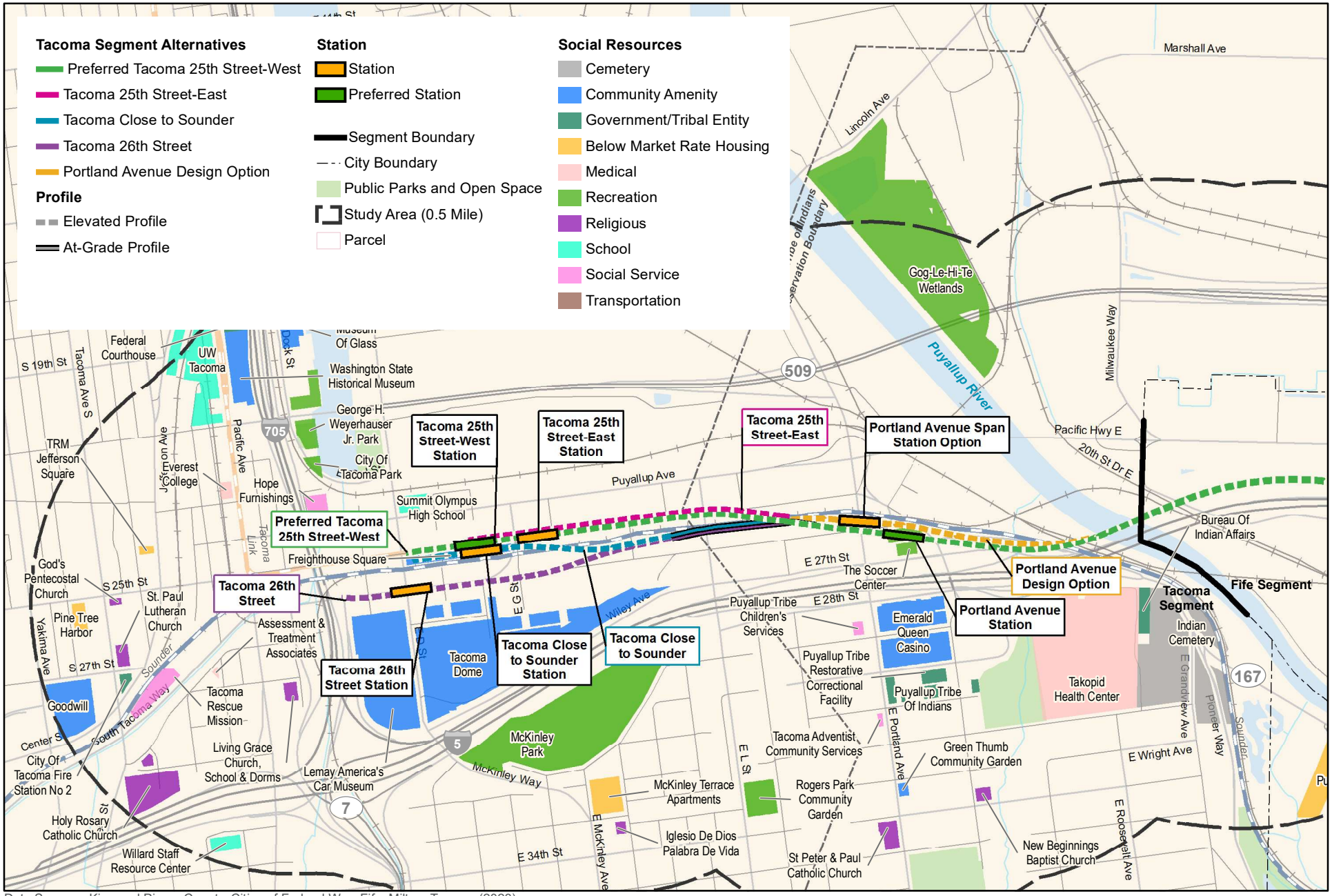

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE C3-12
Social Resources Study Area
Tacoma Segment

Tacoma Dome Link Extension

3.1.1 Federal Way Segment

The study area for the Federal Way Segment includes approximately 20,800 residents. Of these residents, approximately 33 percent are reported as low-income, and 67 percent are reported as minorities. The Preferred FW Enchanted Parkway, with or without the design option, shares a similar footprint such that the affected area for each of these alternatives is characterized by the same demographic information. Key findings for the Federal Way Segment include:

- The proportion of minority persons within the study area (67 percent) is the highest of the four segments, 7 percent higher than the share for the City of Federal Way as a whole (60 percent), and 25 percent higher than the Sound Transit District as a whole (42 percent).
- The proportion of low-income persons within the study area (33 percent) is 4 percent higher than the City of Federal Way as a whole (29 percent) and 13 percent higher than the Sound Transit District as a whole (20 percent).
- Households with limited English proficiency make up 13 percent of all households in the Federal Way Segment, 5 percent higher than within the City of Federal Way (8 percent) and 7 percent higher than the Sound Transit District as a whole (6 percent).
- The Federal Way Segment has a high environmental health disparity ranking (rank 10, the highest ranking) on the DOH Environmental Health Disparities Map.

3.1.2 South Federal Way Segment

The study area for the South Federal Way Segment includes approximately 31,400 residents. Of these residents, approximately 25 percent are reported as low income and 50 percent are reported as minorities. All of the alternatives and design options would affect areas that are characterized by the same demographic information, regardless of the difference in location relative to Pacific Highway and Interstate 5 (I-5). Key findings for the South Federal Way Segment include:

- The proportion of minority persons within the study area (50 percent) is 10 percent lower than the share for the City of Federal Way as a whole (60 percent) and 8 percent higher than the proportion of minority persons in the Sound Transit District as a whole (42 percent).
- The proportion of low-income persons within the study area (25 percent) is 4 percent lower than the share for the City of Federal Way as a whole (29 percent) and 5 percent higher than the Sound Transit District as a whole (20 percent).
- The South Federal Way Segment includes the greatest overall number (in nominal terms) of low-income and minority persons (7,689 and 15,712 persons, respectively) of the three TDLE segments.
- Households with limited English proficiency make up 7 percent of all households in the South Federal Way Segment, similar to the City of Federal Way (8 percent) and the Sound Transit District as a whole (6 percent).
- The South Federal Way Segment has a high environmental health disparity ranking on the DOH Environmental Health Disparities Map (rank 8 at the northern end of the segment, rank 7 along a portion of the alternatives in Milton, and rank 9 at the southern end of the segment).

3.1.3 Fife Segment

The study area for the Fife Segment includes approximately 18,900 residents. Of these residents, approximately 29 percent are reported as low income and 50 percent are reported as minorities. All of the alternatives and design options in the Fife Segment share similar footprints such that the affected area for each of these alternatives is characterized by the same demographic information. Therefore, the share of low-income and minority persons residing within the study area for each of these alternatives is the same. Key findings for the Fife Segment include:

- The proportion of minority persons within the study area (50 percent) is 7 percent lower than the share for the City of Fife as a whole (57 percent) and 8 percent higher than the Sound Transit District as a whole (42 percent).
- The proportion of low-income persons within the study area (29 percent) is 3 percent higher than the share for the City of Fife as a whole (26 percent) and 9 percent higher than the Sound Transit District as a whole (20 percent).
- Households with limited English proficiency comprise 6 percent of all households in the Fife Segment, slightly more than the City of Fife as a whole (5 percent) the same as the Sound Transit District as a whole (6 percent).
- The Fife Segment has a high environmental health disparity ranking on the DOH Environmental Health Disparities Map (rank 9).

3.1.4 Tacoma Segment

The study area for the Tacoma Segment represents approximately 19,350 residents. On average, approximately 39 percent of all residents within the study area in the Tacoma Segment are reported as low-income and 51 percent are reported as minorities.

All of the alternatives in the Tacoma Segment share similar footprints such that the affected area for each of these alternatives is similar. The Tacoma 25th Street-East Alternative has a slightly lower low-income population and a slightly higher minority population than the other alternatives, but the difference is less than 1 percent. As shown in Table C3-1, key findings for the Tacoma Segment include:

- The study area in the Tacoma Segment includes the greatest proportion of low-income residents as compared with the other TDLE Segments.
- The proportion of minority persons within the study area (51 percent) is 8 percent higher than the share for the City of Tacoma (43 percent) and 9 percent higher than the Sound Transit District as a whole (42 percent).
- The proportion of low-income (39 percent) populations living within the Tacoma Segment study area is 11 percent higher than the City of Tacoma as a whole (28 percent) and 19 percent higher than the Sound Transit District as a whole (20 percent).
- Households with limited English proficiency within the study area (4 percent) is the same as the City of Tacoma as a whole (4 percent) and 2 percent lower than the Sound Transit District as a whole (6 percent).
- The Tacoma Segment has a high environmental health disparity ranking on the DOH Environmental Health Disparities Map (rank 10, the highest ranking).

3.2 Study Area Schools

The TDLE study area is served by Tacoma, Federal Way, and Fife public schools. Federal Way Head Start and the Internet Academy are the only two public elementary schools within the TDLE study area. Several other private and charter schools are also within the study area but were not included as part of the demographic analysis, as data are not readily available for these private schools. Because elementary schools are limited in the study area, high school data were also considered. There are four high schools within the study area: Todd Beamer High School, Harry S. Truman High School, Fife High School, and Summit Olympus High School (charter school). Table C3-3 summarizes study area characteristics for public schools within the study area.

Table C3-3 Study Area Characteristics – Schools within Project Study Area

School	Enrollment (2019-2020)	Percent Identifying as Race Other Than White	Percent Hispanic (of any race)	Percent Low-Income	Percent English Language Learners[2]
Federal Way Segment					
No public schools in this segment.	N/A	N/A	N/A	N/A	N/A
South Federal Way Segment					
Federal Way Head Start[1]	106	85%	41%	73%	0%
Internet Academy[1]	224	51%	23%	35%	3%
Todd Beamer High School	1,496	72%	24%	61%	15%
Career Academy at Truman High School	98	85%	46%	85%	18%
Fife Segment					
Fife High School	870	53%	20%	43%	10%
Tacoma Segment					
Summit Olympus High School	183	73%	24%	71%	6%

Source: Washington State Office of Superintendent of Public Instruction (OSPI) 2023; Washington State Report Card district-level data.

Notes:

(1) Elementary population is defined as pre-K through Grade 6.

(2) English language learners are students who live in homes where another language is the primary language spoken or who learned another language before English.

English language learners are reported at the school level as a comparison with Census-reported limited English proficiency populations in the study area. To provide further perspective on concentrations of minorities in the study area, proportions of non-white and Hispanic students as compared with total enrollments are reported at the school level.

Across all schools in the study area, the proportion of minority, Hispanic, and low-income students is higher than minority, Hispanic, and low-income populations reported by ACS data. The exceptions to this are the Internet Academy, which has proportions of low-income student populations that are similar to the South Federal Way Segment ACS demographic data, and Summit Olympus High School, which has proportions of Hispanic populations that are similar to the Tacoma Segment ACS data. Percentages of students reported as English language learners for all schools in the study area are also higher than limited English proficiency populations identified in the study area, except for Federal Way Head Start and Internet

Academy. These two schools have smaller proportions of English language learners than the proportions of limited English proficiency populations identified by ACS data.

These findings suggest that younger populations within the study area may be more diverse than the population as a whole shown in Table C3-1.

4 OUTREACH TO MINORITY AND LOW-INCOME POPULATIONS

Sound Transit conducted public outreach during the TDLE Early Scoping period, during the National Environmental Policy Act (NEPA)/State Environmental Policy Act (SEPA) Scoping Period, and also through targeted outreach efforts during the preparation of the Draft EIS.

Sound Transit's community engagement procedures, EO 12898 and EO 14096, U.S. DOT Order 5610.2C, and FTA Circular C 4703.1 require Sound Transit to provide meaningful opportunities for minority, low-income, and limited English proficiency groups to engage in the planning process. Title VI of the Civil Rights Act of 1964 prohibits discrimination based on race, color, or national origin. These directives make environmental justice a part of the decision-making process by identifying and addressing disproportionate and adverse human health and environmental effects of Sound Transit's programs, policies, and activities on minority and low-income populations. Sound Transit conducted a preliminary demographic analysis to identify low-income, minority, and limited English proficiency populations.

Based on this analysis, Sound Transit provided project literature in Spanish, Korean, Vietnamese, Khmer, and Russian. Spanish, Cambodian, Korean, and Vietnamese interpreters were available at East Tacoma events.

Sound Transit engages with social service providers, community leaders and organizations, and other representatives through targeted outreach efforts. Through these efforts, the project team can share project information, build relationships with the community, and explain how environmental justice populations may experience adverse impacts or benefits from the project. Sound Transit is using several types of targeted outreach, including:

- **Briefings**: Sound Transit met with representatives of individual communities or organizations to provide a project update, answer questions, and learn more about individual circumstances and better ways to engage with their community. Attention and care have been taken to meet people in locations where they may be more comfortable engaging with government agencies. This has included presence with in-language lunch groups (Korean, Spanish, Cambodian, and Vietnamese) and collaboration with groups for translation services, as well as serving meals and engaging with community groups in the spirit of building relationships and collective understanding of perspectives. Briefings were adapted to meet the needs of specific audiences, including presentation content, as well as interpretation/translation.
- **Open houses:** Sound Transit chose locations and times that were accessible for the audiences within the project corridor. At open houses, project outreach staff set up tables of materials and resources, answered questions and participated in facilitated conversations. At TDLE-focused open houses, project staff often present a brief overview of the project to provide background and availability for translation was advertised.
- **Fair or festival booths:** Project staff attended fairs, festivals, and community/cultural celebrations in the project area (Federal Way, Fife, Milton, and Tacoma) to distribute project information and answer questions from the general public. Outreach staff hosted a Sound

Transit booth with project-specific materials and general South Puget Sound materials. Booths were open to the public and provided basic information as well as a chance to discuss specific questions in detail.

- **Tabling and drop-in sessions:** Project outreach provided project information and updates and answered questions at community spaces, including transit centers, UW Tacoma, grocery stores, and community centers to reach a wider audience. These tabling sessions were held on multiple days and at various times (weekdays/weekends, daytime, evening) to meet varying schedules of community members. Events were open to the public and provided basic information as well as a chance to discuss specific questions in detail.
- **Listening sessions:** The project staff has hosted a listening session in East Tacoma to learn more about the community members' vision for the area and potential barriers to transit access and to hear feedback on alternatives. Sound Transit provided interpreters in Cambodian, Spanish, and Vietnamese for this event.
- **Stakeholder interviews:** The project team conducted a series of interviews with social service organizations and community advocacy groups in the project area to understand their preferred methods of engagement, establish relationships, and introduce them to the TDLE project.
- **Outreach toolkits:** The project team distributed outreach toolkits to social service organizations along the project corridor to encourage sharing of information by trusted leaders with their audiences during outreach periods and to generate additional feedback. The toolkits included project emails, posters, factsheets, Facebook posts, and "X" (formerly Twitter) posts for organizations to post and share.

In addition, individuals interested in receiving project information can sign up to receive periodic project updates through email. Sound Transit maintains a database of individuals who have made a request to receive updates on project progress and opportunities for public input using a GovDelivery listserv. The listserv includes email addresses and/or physical addresses of open house attendees, drop-in session attendees, correspondents, commenters, and other interested individuals. In addition to the listserv, Sound Transit uses a mailing list of over 50,000 addresses in the project area for project related mailings.

A complete summary of public outreach efforts is documented in Appendix B, Public Involvement and Agency Coordination, of the Draft EIS.

Sound Transit has received comments expressing the desire for minority engagement throughout the planning process, as well as concern about potential project impacts to environmental justice populations, including:

- Residential displacement among historically disadvantaged populations.
- Displacement of minority-owned businesses.
- Construction impacts to minority-owned businesses.
- Impacts to tribal land and water resources.
- Noise impacts, particularly during construction.
- Impacts to neighborhood cohesion.
- Affordable housing.

In addition to concerns about potential project impacts, additional comments received during targeted minority and low-income outreach include interest in:

- Station accessibility from other modes of transportation.
- Connections to important regional destinations and job centers.
- Contractors or workers building the project who are representative of the local community.
- Safety for those walking to and from stations at night.
- Accessibility for people with disabilities around the station area.
- Improvements to the pedestrian experience around the proposed Portland Avenue Station.
- Potential impacts to the St. Paul Chong Hasang Church, located in the Fife Segment, such as construction and operational noise and vibration impacts, the potential acquisition or displacement of residents (priest and nuns) on the property, and concern around the impact to the safety and security of parishioners due to the proximity of a potential station.

4.1 SEPA Early Scoping Outreach

Early scoping under SEPA provided the public an opportunity to comment on the route (alignment), stations, potential benefits, and impacts for TDLE and the draft Purpose and Need Statement. Early scoping was held April 2 through May 3, 2018.

To support early scoping, Sound Transit held three community open houses in Tacoma, Federal Way, and Fife. For open houses, Sound Transit chose locations and times that were accessible for the audiences within the project corridor. At open houses, project outreach staff set up tables of materials and resources, answered questions, and participated in facilitated conversations. In-person open houses were held:

- Open House – Tacoma
  Tuesday, April 17, 2018, 6 p.m. – 8 p.m.
  Best Western Plus Tacoma Dome Hotel, 2611 East E Street
- Open House – Federal Way
  Wednesday, April 18, 2018, 6 p.m. – 8 p.m.
  Todd Beamer High School, 35999 16th Avenue S
- Open House – Fife
  Tuesday, April 24, 2018, 6 p.m. – 8 p.m.
  Fife Community Center, 2111 54th Avenue E

An online open house was available from April 2, 2018, to May 3, 2018, for members of the public who were unable to attend the in-person meetings to review and provide feedback on the representative alignment. All information and materials presented at the in-person open houses were available online. The site offered a project overview, an explanation of the early scoping process, the project purpose and need, representative alignments, and plans for public engagement throughout the project. It also provided “translation widget” buttons to offer the option for users to translate content.

Public comments were accepted in various ways, including email, online open house, open house comment forms, and mail. In addition, an interactive map tool in the online open house allowed users to place notes at specific locations on a map, and users could indicate if they liked or disliked other commenters’ notes. Similarly, at the community open houses, attendees placed Post-it® notes with their input on large maps.

These activities were advertised with:

- Mailer notifications sent to 52,160 homes, apartments, and businesses.
- Two news releases on April 2 and April 16, 2018.
- Online and print ads in 12 local online and print publications.
- Posters distributed to 150 different locations between Kent and Tacoma (included translated versions in Spanish, Korean, Vietnamese, Khmer, and Russian).
- Facebook and “X” ads that reached 30,047 subscribers and 81,500 followers.
- Five project email updates sent to approximately 5,300 recipients on April 2, April 12, April 16, April 24, and May 2, 2018.

To reach minority populations, advertisements were published in El Siete Dias, Korea Daily, Korean Times Seattle, Northwest Vietnamese News, and Tu Decides.

4.2 September 2018 Outreach Activities

Between early scoping and scoping outreach, Sound Transit focused on inclusive outreach with community groups, organizations, residents, businesses, and underrepresented populations along the project corridor who do not typically participate in traditional in-person and online open houses. Outreach efforts were geared towards equitable engagement and reaching potential future riders. Sound Transit provided translated text in Spanish, Korean, Vietnamese, Khmer, and Russian for advertisements, project information, and the online open house.

Sound Transit shared project updates and sought feedback on the initial route and station concepts that were developed in early scoping. Sound Transit asked members of the public to comment on the potential for route and station alternatives. The feedback during this outreach period informed Stakeholder Group feedback and Elected Leadership Group recommendations for routes and alternatives to be studied in environmental review.

Outreach activities:

- Open House – Federal Way
  Tuesday, September 11, 2018, 6 p.m. – 8 p.m.
  Federal Way Performing Arts Center, 31510 Pete von Reichbauer Way S
- Open House – Fife
  Wednesday, September 12, 2018, 6 p.m. – 8 p.m.
  Fife High School, 5616 20th Street E
- Open House – Tacoma
  Wednesday, September 19, 2018, 6 p.m. – 8 p.m.
  Best Western Plus Tacoma Dome Hotel, 2611 East E Street

Between September 1–21, 2018, an online open house was available for members of the public who were unable to attend the in-person open houses. The online open house provided a brief overview of the project and instructions on how to navigate the site, followed by a demographics survey. For each project segment, the station and route alternatives were presented with explanations for their respective potential and challenges. Each station area page featured a question with criteria to evaluate each option to give users the opportunity to provide route and station-specific feedback.

These activities were advertised with:

- Postcard notifications distributed to over 67,000 homes, apartments, and businesses in the project area.
- Three project email updates sent to more than 6,200 recipients on the project listserv.
- Posters distributed to over 150 locations throughout Federal Way, Fife, Milton, Tacoma, and Puyallup Tribal areas.
- Print and online display advertisements in 11 local publications.
- Facebook posts on the Sound Transit page, reaching over 13,000 users and engaging over 600 people.
- Sound Transit "X" posts, reaching over 18,000 "X" users and engaging 271 users with 16 reposts and 17 likes.
- One new release on August 30, 2018.
- Notification toolkits distributed to 10 local community organizations.

Throughout the outreach period, Sound Transit continued to conduct interviews with community leaders, jurisdictions, and social service providers to identify additional ways to reach underrepresented populations.

4.3 NEPA/SEPA Scoping Outreach

NEPA/SEPA scoping provided an opportunity for the public to learn about and provide comments on the project as it began formal environmental review under NEPA, including the refined Purpose and Need statement, potential alternatives, and environmental resources to evaluate in the EIS. Scoping supports the project's overall planning, public involvement, and state and federal environmental approach.

The comment period for scoping was from April 1 through May 1, 2019. During this time, several meetings helped to inform and obtain input from Tribes, agencies, and the public. The scoping period included an agency meeting, three open houses, and a listening session. During the scoping process, people were able to provide comments through an online forum, email, mail, and phone. People were also able to provide comments at the open houses and listening session.

In addition to the public meetings, a scoping meeting was held for Tribes, agencies, and jurisdictions on the afternoon of April 16, 2019, in Fife. Agency participants were able to learn about the project, ask questions, and provide informal comments in advance of providing their formal scoping comment letters.

As part of the broader community engagement efforts, Sound Transit has also conducted briefings for city councils and organizations and conducted regular meetings with the Stakeholder Group, Elected Leadership Group, and Interagency Group.

Sound Transit hosted three community open houses (public meetings) and one targeted listening session to inform and obtain input from the public. Open houses were held at the following locations:

- Open house at Fife Community Center
  April 16, 2019, 6 to 8 p.m. 2111 54th Avenue E, Fife, WA 98424
- Open house at Greater Tacoma Convention Center
  April 17, 2019, 6 to 8 p.m. 1500 Commerce Street, Tacoma, WA 98402
- Open house at Federal Way Performing Arts and Event Center
  April 23, 2019, 6 to 8 p.m. 31510 Pete von Reichbauer Way S, Federal Way, WA 98003
- Listening session at Eastside Community Center
  May 2, 2019, 6:30 to 8:30 p.m. 1721 E 56th Street, Tacoma, WA 98404

The listening session was an additional event added to the scoping and outreach program to provide further opportunities for members of the East Tacoma community. The event, which had translators available, allowed community members to discuss their views on the neighborhood that would be served by a proposed Portland Avenue Station (identified as the East Tacoma station area during 2019 scoping) and to provide comments on the alternatives.

All public meetings were held at locations accessible to persons with disabilities. Sound Transit advertised the community open houses through a variety of methods, including:

- Mailer notifications sent to over 67,000 households and businesses, providing overview of the entire project and feedback received to date.
- Posters distributed to 151 locations throughout Federal Way, Fife, Milton, Tacoma, and reservation lands of the Puyallup Tribe of Indians (including translated versions in Korean, Spanish and Vietnamese).
- Project email updates to more than 6,200 recipients on the South Sound email list.
- Print and online display advertisements in 13 local publications.
- Notification toolkits to 29 local organizations and properties to share with their respective networks.
- Briefings to organizations and cities in the project corridor.
- In-person field visits to major properties where sites were being considered.
- Social media posts, which reached over 34,500 Facebook users and engaged over 140 “X” users.

Table C4-1 summarizes open house advertisements, organized by publication date.

To reach minority populations, advertisements were published in El Siete Dias, Korea Daily, Korean Times Seattle, Northwest Vietnamese News, and Tu Decides.

An online open house was available from April 1, 2019, to May 1, 2019, and gave the public an opportunity to review and provide feedback on station and route alternatives. In-person open houses provided laptops for attendees to directly input their feedback around each alternative. The website featured the TDLE Project purpose and need, information about the scoping period and what an EIS entails, as well as a description of the advantages and disadvantages of each route and station alternative. Users were encouraged to comment on each station and route alternative after reviewing interactive maps, station plan layouts, and visualizations.

Table C4-1 Online and Print Display Advertisements

Publication	Format and Run Dates (2019)
El Siete Dias (translated)	Print: April 1 through 30 Online: April 1 through 30
Federal Way Mirror	Print: April 12 and 19 Online: April 1 through May1
International Examiner	Print: April 10 through 23 Online: April 5 through 26
Korea Daily (translated)	Print: April 16 and 20
Korean Times Seattle (translated)	Print: April 12 and 19
Northwest Military	Online: April 1 through 30
Northwest Vietnamese News (translated)	Print: April 5, 12, 19 Online: April 5 through 26
The Seattle Times	Print: April 14 and 21 Online: April 3 through 24
South Sound Biz	Online: April 1, 3, 4, 8, 10, 11, 15, 17, 18, 19, 22, 23
Tacoma News Tribune	Print: April 15 and 22 Online: April 5 through 26
Tacoma Weekly	Print: April 14 and 21 Online: April 12 through 26
Tu Decides (translated)	Online: April 12 and 19
Weekly Volcano	Print: April 4 through 17

4.4 Targeted Outreach Efforts

Sound Transit is committed to equitable engagement and inclusive outreach with community groups, organizations, residents, businesses, and underrepresented populations who do not typically participate in traditional in-person and online open houses or engagement opportunities. The project team has conducted targeted outreach to populations with limited English proficiency, low incomes, and historically underrepresented groups to build long-term relationships and provide meaningful opportunities to engage in the project planning, design, and environmental review processes. The project team reached out to community organizations and social service providers, when possible, to learn more about individual community needs and to identify events to attend.

November 2019 Outreach Activities (November 13, 2019 – December 6, 2019)

Sound Transit focused outreach efforts during Draft EIS development on providing updates on the process to date and the preferred alternatives and other alternatives for study identified by the Sound Transit Board of Directors. This outreach period was intended to provide a project update around alternatives design. This was achieved through a series of informal drop-in sessions, an online open house, and additional community events.

The project team chose a variety of drop-in locations and times to ensure interested members of the public could attend. Many drop-in sessions were in areas accessible by transit or at common community spaces. Visitors were encouraged to stay up to date on project information and stay

tuned for their future opportunity to provide input during the Draft EIS comment period. In-language materials were available at all drop-in sessions.

- Federal Way Link Extension Open House
  Wednesday, November 13, 2019, 6 p.m. – 8 p.m.
  Highline College, 2400 S 240th Street, Des Moines
- Drop-in session – East Tacoma
  Saturday, November 16, 2019, 10 a.m. – 12 p.m.
  Eastside Community Center, 1721 E 56th Street, Tacoma
- Drop-in session – Federal Way
  Saturday, November 16, 2019, 10 a.m. – 12 p.m.
  Federal Way Library, 34200 1st Way S, Federal Way
- Drop-in session – Milton
  Wednesday, November 20, 2019, 8 a.m. – 10 a.m.
  Starbucks, 623 Meridian Ave NE, Edgewood
- Drop-in session – Tacoma
  Wednesday, November 20, 2019, 5 p.m. – 7 p.m.
  Evergreen State College Tacoma Campus, 1210 6th Avenue E, Tacoma
- Federal Way Link Extension Open House
  Wednesday, November 20, 2019, 6 p.m. – 8 p.m.
  Federal Way Performing Arts Center, 31510 Pete von Reichbauer Way S, Federal Way
- Drop-in session – Fife
  Thursday, November 21, 2019, 10 a.m. – 12 p.m.
  Poodle Dog, 522 54th Avenue E, Fife
- Drop-in session – Tacoma
  Tuesday, December 3, 2019, 10 a.m. – 12 p.m.
  UW Tacoma, 1900 Commerce Street, Tacoma
- Drop-in session – Tacoma
  Wednesday, December 4, 2019, 6 a.m. – 8 a.m.
  Tacoma Sounder Station, 610 Puyallup Avenue, Tacoma
- Drop-in session – Federal Way
  Wednesday, December 4, 2019, 5 p.m. – 7 p.m.
  Federal Way Community Center, 876 S 333rd Street, Federal Way
- Drop-in session – Tacoma
  Friday, December 6, 2019, 6 p.m. – 8 p.m.
  Salishan Family Investment Center, 1724 E 44th Street, Tacoma

More than 350 people attended drop-in sessions in Federal Way, Fife, Milton, and Tacoma. All materials from the drop-in sessions were available on the site. The site had a landing page translated into Khmer, Korean, Russian, Spanish, and Vietnamese with instructions on using Google Translate to navigate the site.

An online open house was available from November 13, 2019, to December 9, 2019. It provided a project update on work that occurred after scoping in spring 2019 and gave the public an opportunity to review and comment on station and route alternatives. The site featured preliminary station layouts and visualizations, and it outlined the next steps for the project and the next opportunity to provide project comments and feedback.

These activities were advertised with:

- Facebook posts reaching over 16,400 users.
- Mailers to over 59,000 homes, apartments, and businesses along the project corridor.
- A second round of mailers — an invitation to get engaged, with a "we're in the neighborhood" message — to over 2,500 properties within 500 feet of any alternative.
- Posters distributed to 107 different locations in Federal Way, Fife, Milton, Tacoma, and reservation lands of the Puyallup Tribe of Indians.
- Three project email updates sent to more than 6,200 recipients on South Sound email lists.
- Notification toolkits sent to 12 local organizations and properties to share with their respective networks.
- "X" notifications.

Fall 2020 Outreach Activities (September 22, 2020 – November 2, 2020)

Sound Transit conducted COVID-sensitive engagement to provide updates on the latest project refinements being studied in the Draft EIS. In addition to learning more about the status of the project, members of the public were invited to review and comment on preliminary station design concepts, as well as offer feedback on potential projects to improve access to the stations for those walking, rolling (e.g., using a wheelchair or riding a bicycle), and taking transit. This outreach period was intended to expand the project audience – particularly to historically underrepresented communities – in advance of the Draft EIS publication. Virtual briefings and an online open house were used to engage the public during the outreach period.

Sound Transit participated in 11 virtual conversations with 10 community-based organizations to better support engagement with the online open house content. The format of these conversations was tailored to support the requested needs of each organization (see Table C4-2). Visitors were encouraged to stay up to date on project information and stay tuned for their future opportunity to provide input during the Draft EIS comment period.

Table C4-2 Online Meetings with Community-Based Organizations, Fall 2020

Organization	Briefing Audience	Date (2020)	Format
Asia Pacific Cultural Center	Staff and member community leaders	Oct. 1 and 29	Two virtual listening sessions: the first to support community leaders in understanding engagement and feedback goals so they could disseminate information in their respective communities and encourage participation; the second to listen to feedback collected
Federal Way Black Collective	Members	Oct. 1	Virtual Facebook Live facilitated discussion with representatives from TDLE, Federal Way Link Extension, and Operations and Maintenance Facility South projects
Active Transportation Community of Interest Puyallup Watershed Initiative	Members	Oct. 8	Virtual regular monthly meeting
Tacoma Area Commission on Disabilities	Members	Oct. 9	Virtual regular monthly meeting
Multi-Service Center	Staff	Oct. 15	Virtual presentation to staff members

Table C4-2 Online Meetings with Community-Based Organizations, Fall 2020 (continued)

Organization	Briefing Audience	Date (2020)	Format
Tacoma Transit-Oriented Development Advisory Group	Members	Oct. 19	Virtual regular monthly meeting
Tacoma Transportation Commission	Members	Oct. 21	Virtual regular monthly meeting
Fife Library	Parents and young children	Oct. 23	Train-themed, virtual story time event with train safety discussion for young children and their parents
Tacoma Bicycle Pedestrian Technical Advisory Group	Members	Oct. 26	Virtual regular monthly meeting
Salishan Association	Staff	Oct. 29	Virtual presentation to organization staff

The project team was also invited to provide shorter updates to promote the engagement period during regularly scheduled meetings or by email with the following project partners:

- Eastside Collaborative.
- Eastside Neighborhood Advisory Council of Tacoma.
- Fife Chamber of Commerce.
- Hopelink.
- New Tacoma Neighborhood Council.

More than 1,300+ people attended the 16 virtual briefings.

An online open house was available from September 29, 2020, to November 2, 2020. It provided a project update on work that occurred after the fall 2019 outreach and gave the public an opportunity to view station concept graphics for each station alternative and answer survey questions related to these concepts. Additionally, the site used maps and text to describe potential projects to improve nonmotorized access to the station and visitors were asked to provide comments on the projects. Visitors could also suggest new projects for Sound Transit to include in their evaluation.

Outreach efforts sought equitable engagement as described in Section B.6.10. All materials from the virtual briefings were available on the online open house. The site content was fully available in English, Korean, Spanish, and Vietnamese, with instructions on using Google Translate to navigate the site.

Between September 29, 2020, and November 2, 2020, the online open house had:

- Over 3,300 unique visitors to the English site.
- 230 visitors to the Spanish site.
- 40 visitors to the Vietnamese site.
- 40 visitors to the Korean site.

These activities were advertised with:

- Facebook posts.
- Three project email updates sent to more than 5,200 listserv subscribers.
- Print and online display advertisements in 11 local publications.
- Notification toolkits sent to 50 local organizations and properties to share with their respective networks.
- "X" notifications.

Between September 29, 2020, and November 2, 2020, Sound Transit received over 210+ responses to the station design concept surveys and 200+ reactions to the nonmotorized projects. This comment period was intended for the public to share thoughts or ask questions they had about station access planning.

Spring 2023 Outreach Activities (February 27, 2023 – March 17, 2023)

As the analysis of the alternatives was being developed, Sound Transit identified the need to consider additional route and station options through advancement of the environmental review conversations with the Puyallup Tribe of Indians and the City of Fife. Outreach efforts in spring 2023 focused on providing updates on the process to date and the new route and station options that were being considered for study in the environmental review process. This was achieved through a series of informal drop-in sessions and an online open house.

The project team chose a variety of drop-in locations and times to ensure interested members of the public could attend. Many drop-in sessions were in areas accessible by transit or at common community spaces. Visitors were encouraged to stay up to date on project information and stay tuned for their future opportunity to provide input during the Draft EIS comment period.

- Drop-in session – Milton
  Wednesday, March 8, 2023, 5 p.m. – 7 p.m.
  Milton/Edgewood Library, 900 Meridian Avenue E, Milton, WA 98354
- Drop-in session – South Federal Way
  Tuesday, March 14, 2023, 8 a.m. – 10 a.m.
  Federal Way Community Center, 876 S 333rd Street, Federal Way, WA 98003
- Drop-in session – Fife
  Wednesday, March 15, 2023, 11 a.m. – 1 p.m.
  Poodle Dog Restaurant, 1522 54th Avenue E, Fife, WA 98424

More than 110 people attended drop-in sessions in Federal Way, Fife, and Milton.

An online open house was available from February 17, 2023, to March 17, 2023. It provided a project update on design progress since fall 2020 and gave the public an opportunity to learn about the new route and station options in South Federal Way and Fife being considered for study in the environmental review process. The site featured preliminary station layouts and visualizations, outlined the next steps for the project and the next opportunity to provide project comments and feedback.

Outreach efforts sought equitable engagement, as described in Section B.6.10. All materials from the drop-in sessions were available on the site. The online open house was translated into English, Khmer, Korean, Russian, Spanish, and Vietnamese, with instructions on using Google Translate to navigate the site.

Between February 27, 2023, and March 17, 2023, the online open house:

- Had 2,150 unique visitors, including over 50 visitors to in-language sites.

These activities were advertised with:

- Facebook posts.
- Mailers to over 12,900 homes, apartments, and businesses near the proposed route and station options in Fife, Milton, and South Federal Way.
- Three project email updates sent to more than 5,200 listserv subscribers.
- More than 60 phone calls to properties potentially affected by the potential route and station options in Fife, Milton, and South Federal Way.
- Notification toolkits sent to 5 local organizations and properties to share with their respective networks.
- "X" notifications.

Between February 27, 2023, and March 17, 2023, Sound Transit received 30 responses from the Fife survey and 45 responses from the South Federal Way survey. This comment period was intended for the public to share thoughts or ask questions they had as the project moved forward.

In addition, tables C4-3 and C4-4 list the briefings, interview, events, and community events undertaken to engage with communities in the study area during outreach efforts.

Table C4-3 List of Briefings and Interviews

Organization	Date
Briefings	
301 E 26th Street Developers	10/14/2021
59th Ave Partners LLC	6/3/2021
Active Transportation Community of Interest Puyallup Watershed Initiative	10/8/2020
Affordable Housing Consortium	9/13/2018
Asia Pacific Cultural Center	4/29/2024
Associated Catholic Cemeteries	5/15/2023
Bates Technical College	3/7/2019
Belmor Park Golf and Country Club	8/20/2019
Bicycle Pedestrian Transportation Advisory Group	10/26/2020
Building Owners and Managers Association	4/28/2021
Camping World	9/28/2020
Community Oversight Panel	3/8/2023
Creating Our King County	5/5/2018
DBM Contractors	4/6/2023
Dome District	**2018:** 7/12/2018, 8/9/2018, 11/8/2018 **2019:** 2/14/2019, 3/14/2019, 4/15/2019, 7/11/2019, 11/14/2019, 12/13/2019
Dome District Businesses	5/13/2024, 6/10/2024, 7/8/2024
Dome District Social	10/10/2019

Table C4-3 List of Briefings and Interviews (continued)

Organization	Date
Dome District, 4 agencies meeting (WSDOT, City of Tacoma, Pierce Transit, and Sound Transit)	9/5/2018
Dometop Neighbors	6/12/2024
Downtown on the Go Board of Directors	**2018:** 4/12/2018 **2019:** 4/11/2019
Downtown on the Go	**2019:** 11/8/2019, 11/15/2019
Downtown Tacoma BIA	9/6/2018
East Tacoma Collaborative	**2019:** 11/15/2019 **2020:** 9/9/2020, 12/9/2020
Eastside Collaborative	**2018:** 6/29/2018, 7/9/2018, 9/27/2018, 12/21/2018 **2020:** 8/26/2020
Eastside Neighborhoods Advisory Council of Tacoma (ENACT)	**2018:** 10/15/2018 **2019:** 11/18/2019 **2024:** 6/17/2024
Edgewood Fife Milton Kiwanis Club	**2018:** 5/31/2018, 9/27/2018
Esplanade (Tacoma) Speaker Series	9/23/2018
Federal Way Chamber of Commerce	**2018:** 8/21/2018, 9/11/2018 **2019:** 3/21/2019, 3/6/2019 **2020:** 8/5/2020 **2021:** 10/14/2021 **2022:** 5/4/2022 **2023:** 7/5/2023
Federal Way City Council	**2018:** 5/15/2018 **2019:** 10/1/2019 **2020:** 11/17/2020 **2023:** 3/7/2023
Federal Way Community Connections	9/4/2018
Federal Way Diversity Commission	1/9/2019
Fife City Council	**2018:** 2/27/2018 **2020:** 8/18/2020 **2023:** 4/18/2023
Fife Business Park	1/6/2021
Fife businesses	12/23/2019
Fife Milton Edgewood Chamber Membership	4/18/2018
Fife Pacific Plaza	6/26/2019
Freighthouse Square Owners	**2019:** 11/6/2019, 11/8/2019, 11/26/2019, 11/22/2019, 12/23/2019
Graham Real Ventures	9/6/2022
Harsch Investment Properties	**2019:** 10/3/2019, 12/3/2019, 12/4/2019 **2020:** 1/13/2020
HealthPoint Federal Way/King County Public Health	1/9/2019
Infiniti Dealership	8/26/2020
JetroRD	12/16/2020
John L Scott/Windermere	11/20/2020
Joe Hall Construction	12/2/2020

Table C4-3 List of Briefings and Interviews (continued)

Organization	Date
Kings Motor Inn	**2020:** 8/4/2020 **2022:** 11/15/2022
Kitsap Bank	4/28/2021
Korean Community Quarterly Meeting	**2018:** 9/20/2018 **2019:** 3/21/2019
Korean Women's Association	1/16/2020
Lynden Transport	11/27/2023
McDonalds (Fife)	9/4/2019
City of Fife and Pick-Quick, Bucky's Auto	6/5/2019
Mark Coleman and the City of Fife	7/16/2019
VT Radio and East Tacoma Collaborative	6/12/2019
Milton City Council	**2018:** 3/5/2018 **2019:** 4/8/2019 **2020:** 9/14/2020 **2023:** 5/8/2023
Milton Storage	11/15/2023
Merlone Geier Partners	2/23/2022
Multi Service Center	**2019:** 1/15/2019 **2020:** 10/15/2020 **2024:** 6/25/2024
NE Tacoma Neighborhood Council	4/20/2023
New Tacoma Neighborhood Council	**2018:** 4/11/2018, 12/12/2018 **2019:** 1/9/2019, 2/13/2019, 5/8/2019, 6/12/2019, 9/11/2019, 11/13/2019 **2020:** 9/9/2020,10/14/20 **2021:** 6/6/2021, 7/5/2021, 9/8/2021, 10/13/2021 **2022:** 4/13/2022, 5/11/2022, 9/14/2022
North Lake Improvement Club of Federal Way	3/4/2019
O'Brien Auto Group/Tacoma RV Briefing	1/23/2019
PNW Dealers	11/4/2020
Pacific Lutheran University Writing 101 Class on Public Transportation	10/23/2018
Pierce County Chief Appointed Officials	11/21/2018
Pierce County Coordinated Transportation Coalition	5/17/2019
Pierce County Council	4/25/2023
Port of Tacoma Commission	**2018:** 4/19/2018 **2019:** 3/21/2019 **2020**: 8/20/2020
Poulsbo RV	1/13/2020
Presentation to Pierce DSHS WorkFirst network	7/23/2019
Raceways Technology	**2019:** 10/23/2019 **2021:** 1/15/2021
Rainbow Center	7/17/2018
Rainier View Senior Apartments	12/19/2018

Table C4-3 List of Briefings and Interviews (continued)

Organization	Date
Salishan Association Virtual Coffee Connections Cafe	6/30/2020, 7/21/2020, 8/18/2020, 9/1/2020
SeaMar Fife	3/8/2019
Smith Brothers Farms	2/2/2021
Sound Ford	8/26/2020
South End Neighborhood Council	1/4/2021
South King County Mobility Coalition	**2018:** 11/8/2018 **2019:** 7/11/2019 **2020:** 9/10/2020
South King Fire	10/18/2023
Spring Valley Mobile Home Park	6/8/2023
St. Paul Chong Hasang Church	**2018:** 10/24/2018 **2023:** 4/12/2023, 10/11/2023
Tacoma Area Commission on People with Disabilities	**2019:** 4/12/2019 **2020:** 10/9/2020
Tacoma City Council	**2018:** 9/11/2018 **2019:** 3/19/2019, 6/11/2019, 11/12/2019 **2020:** 8/4/2020 **2021:** 3/30/2021 **2023:** 3/21/2023 **2024:** 5/21/2024
Tacoma Councilmembers	**2018:** 1/28/2018 **2019:** 9/17/2019, 9/20/2019, 9/30/2019, 10/1/2019, 11/4/2019, 11/5/2019
Tacoma Green Drinks	8/2/2018
Tacoma Kiwanis Club	**2019:** 6/19/2019 **2022:** 4/19/2022
Tacoma IPS Committee	2/28/2018
Tacoma JMAC	1/11/2019
Tacoma Public Utilities	1/7/2019
Tacoma Planning Commission	**2019:** 3/20/2019, 11/18/2019
Tacoma Soccer Center	1/29/2021
Tacoma TOD Advisory Group	**2019:** 10/21/2019, 11/18/2019, 12/16/2019 **2020:** 10/19/2020
Tacoma Transportation Commission	**2018:** 12/19/2018 **2019:** 3/20/2019, 11/18/2019 12/19/2019 **2020:** 10/21/2020
Tacoma Urban League	5/11/2022
Telecare Corp	12/18/2020
Transit Access Stakeholders	1/10/2019
Union Marine	**2020:** 9/23/2020 **2021:** 6/23/2021
Walmart	5/14/2024

Table C4-3 List of Briefings and Interviews (continued)

Organization	Date
Stakeholder Interviews	
Asia Pacific Cultural Center	10/18/2019
City of Fife	10/17/2019
Consejo Counselling	8/8/2018
East Tacoma Collaborative	10/18/2019
Eastside Community Center	10/24/2019
Fife Public Schools	11/20/2019
Habitat for Humanity	7/18/2018
Hopelink	11/25/2019
Korean Women's Association	10/31/2019
L'Arche Tahoma Hope	7/11/2018
Pierce County Aging and Disability Resource Center and Pierce County Coordinated Transportation Coalition	7/11/2018
Salishan Association	**2018:** 7/18/2018 **2019:** 11/4/2019
St. Paul Chong Hasang Church	11/8/2019
Summit Olympus School	6/27/2018
Tacoma Area Coalition for Individuals with Disabilities	**2018:** 7/18/2018 **2019:** 10/17/2019
Tacoma Community House	6/26/2018
Tacoma Public Schools	6/28/2018
Tacoma Urban League	10/17/2019

Table C4-4 Community Events

Organization	Date
Fairs, Festivals and Tabling Events	
Adventist Community Services Food Bank	8/15/2018
Broadway Farmers Market	9/27/2018
Downtown on the Go Block Party	9/7/2019
Downtown Tacoma Block Party	8/4/2024
Downtown to Defiance	9/9/2018
East Tacoma Community Office Hours	2/23/2019
Eastside Family Support Center Block Party	8/12/2018
EL1 Vision Night	4/28/2019
Federal Way Community Festival (previously the Flavor of Federal Way)	**2018:** 8/18/2018 **2019:** 8/10/2019, 8/17/2019 **2024:** 8/10/2024
Federal Way Farmers Market	**2018:** 6/22/2018 **2019:** 7/27/2019, 7/29/2019 **2021:** 6/19/21, 7/24/21 **2022:** 9/5/2022

Table C4-4 Community Events (continued)

Organization	Date
Federal Way Library	1/20/2019, 1/23/2019, 1/30/2019, 11/16/2019
Federal Way Community Center Touch-a-truck	5/20/2023
Federal Way State of the City	**2019:** 2/28/2019 **2020:** 2/27/2020
Federal Way Transit Center Outreach	8/31/2018
Fife Harvest Festival	**2018:**10/5/2018 **2019:** 10/6/2019 **2022:** 10/1/2022 **2023:** 10/7/2023 **2024**: 10/5/2024
Fife Library	**2019:** 1/7/2019, 1/15/2019 **2020:** 8/12/2020, 10/23/2020
Fife Music in the Park	6/29/2018
Fife Pride Bingo Night	**2022**: 6/11/2022 **2023**: 6/3/2023
Fix-It Fair	2/23/2019
Foss Water Summer Concert Series	6/15/2019
Greentrike Back to School Event	8/31/2022
Korean Chuseok Festival (Asia Pacific Cultural Center)	**2023:** 9/23/20233 **2024:** 9/14/2024
Lincoln High School Back to School Fair	10/9/2018
Lunar New Year (Asia Pacific Cultural Center)	**2022:** 2/19/2022 **2024:** 2/24/2024
Milton Community Office Hours	2/21/2019
Milton Days	**2018:** 8/19/2018 **2019:** 8/15/2019 **2024:** 8/17/2024
MOSAIC Festival (formerly Ethnic Festival)	**2018:** 7/28/2018, 7/29/2018 **2019:** 7/28/2019 **2022**: 7/23/2022, 7/24/2022 **2023:** 7/29/23, 7/30/23
Park(ing) Day	9/16/2022
Pasifika Food Fest (Asia Pacific Cultural Center)	**2021:** 7/31/2021 **2022:** 7/30/2022
Pierce Transit BRT Open House	**2019:** 1/24/2019, 1/29/2019
Puyallup Avenue Corridor Improvements Open House	5/29/2024
Puyallup Tribe Pride	**2023:** 7/22/2023 **2024:** 7/20/2024
Puyallup Tribe Youth Canoe Journey	7/31/2024
Red, White, and Blue Festival	7/4/2018
Roosevelt Elementary Back to School Fair	10/3/2018
Salishan Association Holiday Bazaar	12/6/2019

Table C4-4 Community Events (continued)

Organization	Date
Salishan Association's Night Out Festival	**2019:** 8/7/2019, 8/8/2019 **2021:** 8/3/2021 **2022:** 8/2/2022 **2023**: 8/1/2023 **2024:** 8/6/2024
Sound to Narrows	6/26/2018
Sounders FC2 Game	8/29/2018
Tacoma Juneteenth	**2023:** 6/21/2023 **2024:** 6/19/2024
Tacoma Pride	**2018:** 7/13/2018, 7/14/2018 **2022:** 7/9/2022 **2023:** 7/25/2023 **2024:** 7/13/2024
Tacoma Rainiers Game	8/16/2018
Tacoma Sounder Station tabling	9/17/2018

4.5 Tribal Coordination

As the lead agency under NEPA, FTA is consulting with four federally recognized Tribes for the TDLE project:

- Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians).
- Confederated Tribes and Bands of the Yakama Nation (Yakama Nation).
- Muckleshoot Indian Tribe.
- Nisqually Indian Tribe.

Government-to-government consultation with these Tribes was initiated through consultation letters sent by FTA in February 2018, followed by a formal invitation to participate in scoping and the initiation of Section 106 consultation in April 2019. Through the consultation process, the Tribes have the opportunity to contribute to the development of information and the preparation of environmental analyses and to review and provide comments on Section 106 documentation and the administrative draft of the EIS.

In February 2023, the Puyallup Tribe of Indians sent a letter to Sound Transit expressing concerns about the potential impacts of the SF Enchanted Parkway and SF I-5 alternatives to cultural resources, particularly around the historical St. George's Indian Boarding School property and associated cemetery. As a result, Sound Transit reconsidered the alternatives being evaluated in this Draft EIS and included new alternatives on SR 99 through the South Federal Way Segment.

In addition, the Puyallup Tribe of Indians participates in the Elected Leadership Group and is an invited participant to the Interagency Group. The Elected Leadership Group is a comprehensive group of elected officials and Tribal representatives that represent the project corridor and the Sound Transit Board. The Interagency Group is composed of senior staff from the Tribes, agencies, and jurisdictions with permitting authority who can provide insight on technical decisions.

5 RACIAL EQUITY TOOL PROCESS

As part of Sound Transit's commitment to diversity, equity, and inclusion, TDLE is implementing a Racial Equity Tool (RET) that addresses potential negative impacts to communities of color and the historically marginalized, by understanding the importance of historic past harms and current demographic data. Past harms to local communities, including neighborhoods affected by TDLE, are from large infrastructure projects such as the terminus of the transcontinental railroad in Tacoma and the construction of the I-5, which severely impacted native populations and communities of color. The TDLE RET is an effort to:

- Understand past harms and current demographic make-up of areas that are potentially impacted by the project. Demographics include both residential uses and businesses representing communities of color and historically marginalized persons.
- Avoid replicating the mistakes of the past in the planning and construction of TDLE.
- Reduce racial disparities.
- Identify new opportunities to advance equity for those who have historically been marginalized.
- Acknowledge that station access provides benefits to the surrounding communities, including persons of color and those who have been historically marginalized.

The TDLE RET integrates the explicit consideration of equity in processes and decision-making pertaining to TDLE. It includes an overview of the historical and demographic context of the TDLE corridor and the station locations. This context has provided the basis to analyze current demographics around the station areas and determine how Sound Transit can best serve the communities who will use them.

TDLE RET goals and actions consist of two general areas of focus:

- **Demographics Context**. The first goal considers the implications of the project alignment and station location and design within the community. Both potential impacts and benefits of the project by the surrounding communities would be described. The timeline for this goal is ongoing and iterative, with a near-term goal to use demographic analysis in aligning equity goals with jurisdictions, the community, and other partners. The TDLE team will present equity findings and strategies to the Sound Transit Board when project decisions, such as identifying the Preferred Alternative, are made.
- **Meaningful Public Engagement**. The second goal is equitable outreach, targeting priority populations for engagement and so Sound Transit can integrate their comments and voices in decisions and station design. Equitable engagement strategies have been developed for each station area. These strategies were created based on the identification of priority populations, including the Puyallup Tribe of Indians, the St. Paul Chong Hasang Korean church community, the Salishan neighborhood in Tacoma, organizations for people with disabilities, and others who are impacted by, and can benefit from, the project. The actions associated with equitable outreach are on-going throughout the various phases of TDLE and will evolve as Sound Transit receives comments from priority communities and organizations. While not an exhaustive list, priority populations may include Tribes, people of color, people with disabilities, youth, the elderly, low-income populations, and women.

6 POTENTIAL PROJECT IMPACTS AND MITIGATION

6.1 Potential Project Impacts and Mitigation Strategies

The following section summarizes analysis of the potential for disproportionate and adverse effects on minority and/or low-income populations for both the No-Build Alternative and the build alternatives.

Table C6-1 provides a high-level summary of project benefits, impacts and potential mitigation identified for environmental resource areas analyzed as part of the Draft EIS. Table C6-1 also provides information for those elements of the environment where the project impacts and benefits would accrue to a different degree for minority and low-income populations. Many elements of the environment would not have adverse impacts; where adverse impacts occur, they would be mitigated.

If TDLE is constructed in phases, the minimum operable segment (M.O.S.) to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of impacts as described in Table C6-1, just in a smaller geographic area until the remaining phases were completed.

Under the No-Build Alternative, no long-term impacts to environmental justice populations are expected. Communities in the study area would continue to develop according to local and regional plans, with the exception of plans that assume future investments in light rail transit and their associated transportation, social, and economic benefits. No displacements or relocations would occur, and environmental justice communities within the study area would not be negatively impacted by property acquisitions or construction factors such as noise and vibration. Although no adverse impacts are anticipated, under the No-Build Alternative, environmental justice populations living in the study area would not receive benefits resulting from the construction of TDLE, including increased transit coverage, local and regional connectivity, service frequency, access to transit, improvements to air quality, and access to employment opportunities facilitated by the improved transit service.

Table C6-1 Summary of Potential Project Impacts and Mitigation

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Transportation	**Common to All** – For all build alternatives, changes to traffic circulation, property access, and traffic control would be minor and would primarily occur near stations. – With all build alternatives and station options, there would be an increase in vehicle and nonmotorized activity around the station areas, which would increase the potential for conflicts among different travel modes. – In areas where parking demand may exceed available supply at the stations, there could be the potential for spillover to nearby on-street or private parking that surrounds the station areas. – All build alternatives would have short-term construction impacts from reduced roadway capacity, truck traffic, loss of parking, road and lane closures, changes in bus routes and stop locations, sidewalk and/or bicycle lane closures or width reductions, and changes to property access. **Federal Way Segment** – All Federal Way Segment study intersections would operate within agency standards. – The build alternatives in the Federal Way Segment would permanently remove up to 79 public parking spaces and between 301 and 327 private parking spaces. **South Federal Way Segment** – All South Federal Way Segment study intersections would operate within agency standards. – The build alternatives in the South Federal Way Segment would not permanently remove any public parking spaces but permanently remove between 3 and 96 private parking spaces. **Fife Segment** – Fife Median Alternative: Pacific Highway E would be reconfigured in some locations to provide space for a median. This would have impacts to traffic circulation, property access, and traffic control. – Six intersections in the Fife Segment would not meet agency standards or would worsen delay where standards are not met under the No-Build condition. – The build alternatives in the Fife Segment would not permanently remove any public parking spaces but would permanently remove between 183 and 254 private parking spaces. **Tacoma Segment** – Short term construction impacts over the Puyallup River would temporarily impact navigation and fishing activities, including those protected rights of the Puyallup Tribe of Indians. – Nine intersections in the Tacoma Segment would not meet agency standards or would worsen delay where standards are not met under the No-Build condition. – The build alternatives in the Tacoma Segment would permanently remove between 40 and 187 public parking spaces and between 0 and 5 private parking spaces.	• Mitigation would be required for the intersections that do not meet the agency operational standards. • Sound Transit would evaluate impacts from TDLE patrons using available on-street parking at the Tacoma Dome and Portland Avenue stations in coordination with the City of Tacoma. • During construction, Sound Transit would minimize impacts from temporary roadway, sidewalk and bicycle facility closures, and transit service changes by providing detours and modified transit service within construction areas. • Sound Transit would consult with the Puyallup Tribe of Indians to avoid conflicts and minimize impacts to navigation and fishing activities. During construction of either bridge option, vessels may be directed to avoid navigating directly under active construction. The river would remain navigable at all times.	Impacts to minority and low-income people in the study area would be similar in kind and magnitude to those that would be experienced by non-minority and non-low-income populations within the study area. However, the study area includes higher percentages of environmental justice populations compared to non-environmental justice populations.	• TDLE would provide more reliable transit service. • TDLE would provide improved connections to regional destinations, especially in areas where transit service is extremely limited or requires multiple bus transfers. • The proposed station locations in the study area would accommodate connections with bus, Sounder, T Line, nonmotorized, and automobile access trips. • The stations in both Fife and South Federal Way would include construction of 500-stall park-and-ride facilities to accommodate transit users who would drive to/from the stations.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Acquisitions, Displacements, and Relocations	**Federal Way (FW) Segment** – Preferred FW Enchanted Parkway: 0 business displacements and 77 residential displacements. – Preferred FW Enchanted Parkway with Design Option: 0 business displacements and 102 residential displacements. **South Federal Way (SF) Segment** – SF Enchanted Parkway: 14 business displacements and 40 residential displacements. – SF I-5: 7 business displacements and 3 residential displacements. – SF 99-West: 25 business displacements and 17 residential displacements. – SF 99-West with Porter Way Design Option: 23 business displacements and 17 residential displacements. – SF 99-East: 25 business displacements and 2 residential displacements. – SF 99-East with Porter Way Design Option: 24 business displacements and 2 residential displacements. **Fife Segment** – Fife Pacific Highway: 38 business displacements and 3 residential displacements. – Fife Pacific Highway with 54th Avenue Design Option: 50 business displacements and 3 residential displacements. – Fife Pacific Highway with 54th Span Design Option: 54 business displacements and 3 residential displacements. – Fife Median: 12 business displacements and 3 residential displacements. – Fife Median with 54th Avenue Design Option: 24 business displacements and 3 residential displacements. – Fife Median with 54th Span Design Option: 28 business displacements and 3 residential displacements. – Fife I-5: 17 business displacements and 3 residential displacements. – Fife I-5 with 54th Avenue Design Option: 34 business displacements and 3 residential displacements. – Fife I-5 with 54th Span Design Option: 40 business displacements and 3 residential displacements. **Tacoma Segment** – Preferred Tacoma 25th Street-West: 9 business displacements and 0 residential displacements. – Tacoma 25th Street-East: 9 business displacements and 0 residential displacements. – Tacoma Close to Sounder: 43 business displacements and 0 residential displacements. – Tacoma 26th Street: 13 business displacements and 0 residential displacements.	• Consistent with the Uniform Relocation Act, residents and businesses displaced by the project would receive compensation and relocation assistance in accordance with Sound Transit's adopted real estate property acquisition and relocation policy, procedures, and guidelines (Sound Transit 2017). • For residential relocations, Sound Transit relocation specialists would work with affected residents to help them relocate to a comparable dwelling nearby. • Sound Transit would ensure that comparable housing is made available, whether the displaced resident owns or rents their home. Aside from the level of advisory services required for each displaced resident case, the mitigation provided to low-income or minority populations would be the same as for the general population, regardless of low-income or minority status. Compensation for rent differentials includes additional considerations for low-income households as described in the Sound Transit Residential Relocation Handbook (Sound Transit 2023). • Property impacted temporarily for construction would be restored to its previous condition.	• In general, properties acquired are in areas where minorities and low-income people reside and work. Some individuals from these populations are likely to be affected. • Business displacements from the Tacoma Close to Sounder Alternative would impact businesses at Freighthouse Square. Based on Sound Transit's outreach, some of these impacted business owners and employees are immigrants and minorities.	None.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Land Use	• TDLE is generally consistent with all local comprehensive plans and could indirectly contribute to changes to zoning or development throughout the corridor, which cannot be fully foreseen or attributed to TDLE. • Under all alternatives, properties acquired would convert to a transportation use.	No mitigation required.	No impacts.	See Section 5.3, Indirect Impacts.
Economics	• All build alternatives would involve displacement of businesses and employees, as well as acquisition of commercial, industrial, and institutional properties, which could result in some change in economic activity at or near the build alternatives. See Acquisitions, above. • Construction-related disruptions to traffic, transit operations, freight access, nonmotorized access, and the availability of nearby parking could negatively impact business operations within the construction vicinity. Navigation and fishing could be temporarily disrupted during construction.	Relocation assistance for business displacements is discussed in Section 4.1, Acquisitions, Displacements, and Relocations. Sound Transit would take measures to minimize impacts during construction to respond to the needs of businesses. These measures could include: • Provide a 24-hour construction telephone hotline. • Provide business cleaning services on a case-by-case basis. • Provide detour, open for business, and other signage as appropriate. • Establish effective communications with the public through measures such as in-person and remote meetings, construction updates, alerts, and schedules. • Implement promotion and marketing measures to help affected business districts maintain their customer base, consistent with Sound Transit policies, during construction. • Maintain access as much as possible to each business and coordinate with businesses during times of limited access. • Facilitate cross-jurisdictional meetings during construction planning and implementation to minimize impacts and coordinate communication with businesses. • Coordinate with local jurisdictions on holiday moratoriums. • Provide an ombudsman consistent with Sound Transit policy. In the event that complaints arise about construction impacts that cannot be resolved by community outreach staff or the relevant department director, the ombudsman policy provides a process for addressing	• In general, based on the types of businesses displaced and the demographic characteristics of the corridor, some displaced businesses may be minority owned and some employees of displaced businesses could be minority and/or low-income persons. • Business and employee displacements from the Tacoma Close to Sounder Alternative would impact businesses and employees at Freighthouse Square. Some of these impacted business owners and employees are immigrants and minorities. Impacts are likely to be the same as for the non-minority and non-low-income population in the study area. • Navigation and fishing could be temporarily disrupted during construction, particularly related to the rights of the Puyallup Tribe of Indians.	• Improved access to employment centers and expanded employment opportunities for minority and low-income persons residing in the project corridor. • Construction could generate $1.09 billion to $1.15 billion in direct expenditures and annual employment of 9,300 to 9,900 jobs in the region. Sound Transit includes project labor agreements and has a Disadvantaged Business Enterprise program to support the hiring persons of color, with a goal to eliminate barriers, create opportunities, and build capacity for underrepresented and women-own businesses. • Improved access to minority-owned businesses near station locations once TDLE is in operation.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
		those complaints in an impartial, fair, and timely manner that ensures effective stewardship of public resources and minimizes construction impacts.		
Social Resources, Community Facilities, and Neighborhoods	All alternatives would result in acquisitions and displacements of businesses and residences as well as temporary construction impacts (such as increased noise, vibration, and visual impacts) and traffic revisions. These impacts could be disruptive to the cohesion and social interaction of employees and residents within those communities. **Federal Way Segment** – Preferred FW Enchanted Parkway: two parcels affected by acquisition contain social resources, including Federal Way/S 320th Street Park and Ride, as well as mobile homes in the Belmor Mobile Home Park (Belmor), which could be disruptive to community cohesion. – Preferred FW Enchanted Parkway with Design Option: the same two social resources affected by the Preferred FW Enchanted Parkway Alternative would be affected with the Design Option. This alternative would have more displacements in Belmor than the Preferred SF Enchanted Parkway. **South Federal Way Segment** – All of the alternatives in the South Federal Way Segment, except for the SF I-5 Alternative, would affect the Future King County Emergency Shelter (former Red Lion Inn) and place columns on the parcel including Seattle Children's South Clinic. – Both the SF 99-West and SF 99-East alternatives would also affect the Montessori Academy at Spring Valley and the Giac Vien Temple. – The SF I-5 Alternative may affect community cohesion at CrossPointe Apartments due to residential displacements. – Adding the Porter Way Design Option would not change impacts to social resources. **Fife Segment** – Fife Pacific Highway Alternative would affect parcels that contain social resources. This includes the Puyallup Tribal Integrative Medical Building, Fife Business Park (which includes Serenity Counseling Services), Fife Square Shopping Center (including a U.S. Postal Service office), Telecare, Fife License and Title, and St. Paul Chong Hasang Church. – Fife Median Alternative would affect the same social resources as the Fife Pacific Highway Alternative but could also make left turns more difficult for drivers on Pacific Highway. The Fife Median Alternative would have similar impacts to the social resources as the Fife Pacific Highway Alternative. – Fife I-5 Alternative would affect parcels that contain social resources. These would encompass the Fife Business Center (which includes New Community Church), Fife Business Park (which includes Serenity Counseling Services), Fife Square Shopping Center (which includes a U.S. Postal Office), Telecare,	• Relocation assistance for business and residential displacements are discussed in Section 4.1, Acquisitions, Displacements, and Relocations. • Mitigation measures to address project impacts to neighborhoods are described throughout this Draft EIS, including in Chapter 3, Transportation, Section 4.5, Visual and Aesthetic Resources, Section 4.7, Noise and Vibration, and Section 4.14. Public Services.	• In the South Federal Way Segment, the SF Enchanted Parkway Alternative would displace the future King County Emergency Shelter (former Red Lion Inn).The SF 99-West and SF 99-East alternatives would add columns and elevated guideway on and near the parcel but would not displace the shelter. With all three alternatives, guideway columns would be constructed on the Seattle Children's South Clinic parcel, but long-term impacts are not anticipated. • All alternatives in the Fife Segment would displace a residential unit associated with the St. Paul Chong Hasang Church, and place columns on either the north or south end of the Puyallup Tribal Integrative Medical Building parcels. • Distribution of impacts to minority and low-income populations would be similar to the distribution of impacts to the general public. However, the study area includes higher percentages of environmental justice populations compared to non-environmental justice populations.	All alternatives would benefit communities, including minority and low-income people, through the improved access, reliability, connectivity, and service frequency to transit.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
	Chateau Rainier, and St. Paul Chong Hasang Church. The Fife I-5 Alternative would have the most small-business impacts of the Fife alternatives. – Only the 54th Avenue Span Station Option would also impact the New Horizon Christian Center. **Tacoma Segment** – Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives would affect parcels that contain social resources, including the Tacoma Soccer Center and South Sound Martial Arts. – Tacoma Close to Sounder Alternative would affect the same resources as the Tacoma 25th Street West Alternative, with the addition of impacts to Freighthouse Square, which would displace about 31 businesses. – Tacoma 26th Street Alternative would affect the same resources as the Tacoma 25th Street-West Alternative.			
Visual and Aesthetic	• All the build alternatives would change visual conditions by removing existing landscape features, including trees, landscaping, and buildings; addition of overhead utilities; modification of streets, bridges, or other facilities; and addition of elevated sections of guideway. • The visual change would be high for some residents near prominent structures and who have direct views of the new light rail facilities. • Where mature vegetation framing the roadway is removed, viewers may perceive the highway corridor as wider and more prominent, and it can change the visual context of adjacent residential areas by removing the buffer from the transportation corridor and replacing it with a transportation facility.	Light rail facility design and use of landscaping would be used to soften or screen visual impacts. Examples include sound walls, landscaping between guideway columns, and context-sensitive design features at stations. Tree removal within the I-5 corridor would be mitigated according to the WSDOT Roadside Policy Manual. Exterior lighting of facilities would be designed to minimize height and use source shielding to avoid lighting (bulbs) that would being directly visible from residential areas, streets, and highways.	• High visual impacts are expected at Pierce County Housing Authority's Chateau Rainier Apartments in the Fife segment. • The Puyallup River in the Fife Segment is important for the Puyallup Tribe of Indians, and viewers near the river would be sensitive to visual change.	None.
Air Quality and Greenhouse Gas Emissions	• When compared with the No-Build Alternative, the build alternatives would decrease the criteria pollutant emissions within the project area. • All alternatives would result in short-term degradation of air quality resulting from emissions of construction equipment. These impacts would be greatest during the site preparation phase when equipment is most active.	No mitigation is required beyond typical construction best management practices (BMPs).	No impacts.	Benefits to air quality and greenhouse gas emissions would be similar for all alternatives and benefit the region, including minority and low-income people and people who have been historically more exposed to negative environmental health effects, including air quality. Improvement to air quality could reduce existing environmental health disparities in the study area.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Noise and Vibration	All alternatives include noise and vibration sensitive properties that would be impacted during construction and operation. Potential noise and vibration impacts prior to mitigation include: **Federal Way Segment** – Preferred FW Enchanted Parkway Alternative: 25 moderate and no severe noise impacts, and no vibration impacts. – FW Enchanted Parkway Alternative with Design Option: 40 moderate and 2 severe noise impacts, and no vibration impacts. **South Federal Way Segment** – SF Enchanted Parkway Alternative: 74 moderate and 76 severe noise impacts, and no vibration impacts. – SF I-5 Alternative: 9 moderate noise impacts and no severe noise impacts, and no vibration impacts. – SF 99-West: 22 moderate and 5 severe noise impacts, and no vibration impacts. – SF 99-East: 23 moderate and 3 severe noise impacts, and no vibration impacts. – SF 99-West and SF 99-East alternatives with the Porter Way Design Option would have 20 moderate noise impacts and 3 to 4 severe noise impacts, and no vibration impacts. **Fife Segment** – Fife Pacific Highway Alternative: 178 moderate and 3 severe noise impacts, and 2 vibration impacts. – Fife Pacific Highway with 54th Avenue Design Option: 176 moderate and 3 severe noise impacts, and 2 vibration impacts. – Fife Pacific Highway with 54th Span Design Option: 182 moderate and 4 severe noise impacts, and 2 vibration impacts. – Fife Median Alternative: 178 moderate noise impacts, 3 severe noise impacts, and 1 vibration impact. – Fife Median with 54th Avenue Design Option: 176 moderate and 3 severe noise impacts, and 1 vibration impact. – Fife Median with 54th Span Design Option: 182 moderate and 4 severe noise impacts, and 1 vibration impact. – Fife I-5 Alternative: 89 moderate and 2 severe noise impacts, and 1 vibration impact. – Fife I-5 Alternative with 54th Avenue Design Option: 88 moderate and 2 severe noise impacts, and 1 vibration impact. – Fife I-5 Alternative with 54th Span Design Option: 94 moderate and 3 severe noise impacts, and 1 vibration impact. **Tacoma Segment** – Preferred Tacoma 25th Street-West Alternative: 1 moderate and 2 severe noise impacts, and no vibration impacts. – Tacoma 25th Street-East Alternative: Same as Tacoma 25th Street-West Alternative. – Tacoma Close to Sounder Alternative: 1 moderate and 1 severe noise impact, and no vibration impacts. – Tacoma 26th Street Alternative: 1 moderate and 2 severe noise impacts, and no vibration impacts.	• All noise and vibration impacts would be mitigated consistent with FTA and Sound Transit policies. No significant adverse impacts are anticipated after mitigation. • Noise mitigation measures would be developed in accordance with the Sound Transit Link Noise Mitigation Policy (Sound Transit 2004) and could include noise barriers and building sound insulation. • In the Fife Segment, additional testing to determine specific vibration mitigation for buildings on one or two parcels (depending on the alternative) would be conducted as the design progresses and finalized during final design.	Distribution of impacts to minority and low-income populations would be similar to the distribution of impacts to the non-minority and non-low-income populations within the study area. However, the study area includes higher percentages of environmental justice populations compared to non-environmental justice populations.	None.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Water Resources	• All alternatives would increase impervious surfaces. These surfaces are associated with an increase in runoff volumes, which may increase flooding and flow frequencies. The increased flow volumes and water quality impairments can contribute to stream erosion and aquatic habitat degradation. However, the project would be designed to comply with all federal, state, and local regulations controlling potential risks to water resources through project planning, design, and use of required BMPs to avoid operational and construction-related adverse impacts on water resources. • Construction activities such as earthwork, trench work, material transport, concrete work and paving, stream crossings, in-water work, and construction equipment leaks could affect water resources.	• For unavoidable long-term impacts on wetland, streams or buffers, Sound Transit would develop a compensatory mitigation plan, which could include compensatory flood storage, for ecosystems resources during the permitting phase in accordance with applicable federal, state, local, and Tribal requirements. This mitigation plan is described in more detail in Section 4.9.4, Ecosystems. • Sound Transit would comply with standard specifications; BMPs; and applicable Tribal, federal, state, and local mitigation requirements during construction activities. Compensatory wetland mitigation would be provided for construction impacts lasting more than one growing season.	No impacts.	None.
Ecosystems	• TDLE may result in permanent loss or degradation of in-stream or riparian habitat; altered hydrology; water quality degradation; impacts to habitat connectivity, vegetation, wildlife habitat, wetlands and buffers; and forest cover. • All of the alternatives in the Tacoma Segment would include a new over-water bridge across the Puyallup River. Depending upon the design, new in-water piers may be required.	• The project would be designed to comply with all federal, state, and local regulations controlling potential risks to ecosystem resources through project planning design and use of required BMPs to avoid operational and construction-related adverse impacts on ecosystem resources. • For unavoidable long-term impacts on wetlands, streams, and their buffers, Sound Transit would develop a compensatory mitigation plan during the permitting phase in accordance with applicable federal, state, local, and Tribal requirements and guidelines. • Compensatory mitigation would be provided for construction impacts lasting more than one growing season and for permanent conversion of wetlands from one vegetation type to another (e.g., forested wetland to emergent or scrub-shrub wetland) as well as for indirect impacts on wetlands.	No impacts.	None.
Energy Resources	• No long-term impacts are anticipated, as operation of TDLE is expected to consume less energy overall than the No-Build Alternative. • Energy-related impacts during construction of TDLE would be short term in nature and are not expected to be adverse.	No mitigation is required beyond typical construction BMPs.	No impacts.	None.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Geology and Soils	The following long-term effects related to the completion of the TDLE project could occur: • Engineered structures related to the project would require design to withstand a major seismic event. • Changes to local topography and drainage patterns could affect slope stability. • Minor settlement could affect near-surface features. • Corrosive soils could compromise steel structures (applicable soils data were not available for the Tacoma Segment). During construction, soils susceptible to erosion, shallow groundwater, and areas of geologic hazard would be encountered. Geology and soils risks would be avoided or minimized with the use of engineering design standards and BMPs. Erosion would be managed using BMPs.	Risks would be avoided or minimized using engineering design standards and best management practices.	No impacts.	None.
Hazardous Materials	• All alternatives include property acquisition of parcels with a risk of contamination. Contaminated soils and groundwater may be encountered and require control. • Construction activities could use hazardous materials that could spill.	• Environmental due diligence (including a Phase 1 Environmental Site Assessment) would be performed for properties along the corridor before acquisition or construction to avoid or minimize impacts from contaminated sites. • Contractors would be required to develop project-specific plans to implement BMPs to ensure management of hazardous materials during construction is consistent with state and federal regulations. • Applicable BMPs during construction would include construction stormwater pollution prevention plans, spill control and prevention plans, and contaminated media management plans.	Distribution of impacts to minority and low-income populations would be similar to the distribution of impacts to the non-minority and non-low-income populations within the study area. However, the study area includes higher percentages of environmental justice populations compared to non-environmental justice populations.	Cleanup of contaminated sites by the project could remove contamination in areas where minority and low-income populations could be exposed to contamination.
Electromagnetic Fields	• The TDLE study area contains no sensitive facilities with equipment susceptible to electromagnetic interference. • BPA 500 kV and 230 kV high-voltage transmission lines are located in proximity to alignment and potential sites for the future Operations and Maintenance Facility South (OMF South); transmission lines and towers would need to be modified.	No mitigation is required beyond typical construction BMPs.	No impacts.	None.
Public Services	For all alternatives: • The increase in traffic volumes, transit movements, pedestrians, and bicyclists near each of the stations could increase the risk of traffic conflicts and conflicts among travel modes, necessitating involvement from emergency and incident response. • No adverse impacts are anticipated on solid waste collection and disposal, schools, or other governmental facilities.	No mitigation is required beyond typical construction BMPs.	Distribution of impacts to minority and low-income populations would be similar to the distribution of impacts to the non-minority and non-low-income populations within the study area. However, the study area includes higher percentages of environmental justice populations compared to non-environmental justice populations.	None.

Table C6-1 Summary of Potential Project Impacts and Mitigation (continued)

Resource	Impacts Summary	Minimization and Mitigation Summary	Impacts on Minority and Low-Income People	Benefit(s) to Minority and Low-Income People
Utilities	• All alternatives would result in greater usage of electricity through the maintenance and operation of trains, stations, and general safety lighting throughout the alignment. • Stray electromagnetic currents traveling through the project could result in corrosion to susceptible underground utilities within the project footprint. • Utility relocations would be necessary during construction.	Sound Transit would coordinate with utility providers to identify appropriate control measures to avoid or minimize potential corrosion impacts. Typical design measures include installing cathodic protection systems, installing insulating unions to break the electrical conductivity of the utility, isolating electrical rails from the ground, and installing stray-current-control track fastening systems, where appropriate. No additional mitigation beyond the avoidance and minimization measures is anticipated.	Distribution of impacts to minority and low-income populations would be similar to the distribution of impacts to the non-minority and non-low-income populations within the study area.	None.
Historic and Archeological Resources	Potential adverse impacts to historic built-environment properties: – FW Enchanted Parkway Alternative, with and without the SF Design Option: no adverse effects. – SF Enchanted Parkway and SF I-5 alternatives: no adverse effects. – SF 99-West Alternative, with or without the Porter Way Design Option: four resources potentially affected. – SF 99-East Alternative, with or without the Porter Way Design Option: two resources potentially affected. – Fife Pacific Highway Alternative: two resources potentially adversely affected. – Fife Median Alternative: one resource adversely affected. – Fife I-5 Alternative: one resource adversely affected. – Preferred Tacoma 25th Street-West, Tacoma 25th Street-East, and Tacoma Close to Sounder, and Tacoma 26th Street alternatives: no adverse effects. Based on preliminary project designs, the project has the potential to adversely affect four archaeological resources. Specifically, the SF Enchanted Parkway and SF I-5 alternatives would adversely affect one eligible resource, all of the alternatives in the Fife Segment could adversely affect a potentially eligible resource, and all of the alternatives in the Tacoma Segment could adversely affect two eligible resources in Tacoma. The SF Enchanted Parkway and SF I-5 could also potentially impact culturally sensitive portions of St. George's Cemetery.	FTA and Sound Transit are developing a programmatic agreement to resolve unavoidable adverse effects, consistent with Section 106 of the National Historic Preservation Act. Efforts may include preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination and will be coordinated with Tribes and consulting parties.	The SF Enchanted Parkway and SF I-5 alternative could impact Indigenous populations who ascribe particular importance to the St. George's Cemetery. For all other alternatives, distribution of impacts to minority and low-income populations would be similar to the distribution of impacts to the non-minority and non-low-income populations within the study area.	None.
Park and Recreational Resources	• No long-term impacts to existing park and recreational resources, but potential impact to planned Cappa Park from all Fife Alternatives. • Access to parks may be temporarily impacted during construction. • No impacts to Section 6(f) or Recreation or Conservation Office grant-funded properties would occur.	No mitigation is required beyond typical construction BMPs.	No impacts.	Access to parks and recreational activities could improve, particularly the planned Foss Waterway Park.

6.2 Relocation and Acquisition Impacts

During the environmental review process, Sound Transit developed preliminary estimates for acquisitions and relocations using conceptual designs for the TDLE build alternatives. As the project continues to progress, these estimates will be refined.

In the Federal Way Segment, TDLE would not displace any businesses, but the FW Enchanted Parkway Alternative with FW Design Option would require more residential displacements than the FW Enchanted Parkway Alternative without the Design Option. The residential displacements with either alternative in the Federal Way Segment would occur within Belmor, a manufactured/mobile home community for people aged 55 and over. The population in the block group where the residential displacements would occur is 46 percent minority and 23 percent low income, which is slightly higher than the Sound Transit District as a whole, but lower than within the Federal Way Segment as a whole.

In the South Federal Way Segment, the SF Enchanted Parkway Alternative would have the most residential displacements, and the SF 99-East and SF I-5 alternatives would have the least. The SF 99-East and SF 99-West alternatives would displace the most businesses, and the SF I-5 Alternative would displace the fewest. The minority and low-income population in the areas where displacements would occur are higher than within the Sound Transit District as a whole. The SF Enchanted Parkway Alternative would fully acquire a former hotel near the corner of S 348th Street and 16th Avenue S. This property was purchased by King County in 2021 and is transitioning to an 84-bed emergency shelter. The opening date for the emergency shelter has not been established.

In the Fife Segment, all of the alternatives would displace three residences. One of the residential displacements for all of the build alternatives includes a priest's residence associated with St. Paul Chong Hasang Church. The Fife I-5 Alternative would also affect the parking lot of the Chateau Rainier Apartments, an affordable housing complex managed by the Pierce County Housing Authority; however, no residential displacements would occur. The Fife Pacific Highway with 54th Span Design Option would displace the most businesses, and the Fife Median Alternative would displace the fewest.

No residential displacement would occur in the Tacoma Segment with any of the build alternatives. The Tacoma Close to Sounder Alternative would displace the most businesses, including the businesses located in Freighthouse Square, which are predominately small, minority-owned businesses.

After the Sound Transit Board selects the project to be built and the real estate process moves forward, a detailed residential occupancy survey will be completed for all potentially affected property owners and tenants. The purpose of this survey is to determine specific needs of those being relocated, and it includes questions about income, ethnicity, family size, and replacement preferences.

Avoidance, Minimization, and Mitigation

Conceptual designs for TDLE would locate the project near or within public rights-of-way, where possible, and consider other measures to avoid or reduce the number of private property impacts.

For all residential relocations, a qualified relocation agent is assigned to work with each resident through the process of relocation and transition to replacement housing. The goal of the relocation agents is to facilitate a smooth transition to replacement housing. A relocation agent

would contact each resident personally to explain relocation assistance, eligibility, and entitlements. For all relocations, a Sound Transit relocation agent would interview the affected individuals to:

- Determine any special needs and requirements.
- Explain the relocation process, entitlements, and payments.
- Offer relocation advisory assistance.
- Offer transportation, if necessary.
- Offer language translation services, as necessary.
- Ensure the availability of at least one comparable property in advance of displacement.
- Provide referral to comparable properties.
- Provide the amount of the maximum replacement housing entitlement and the basis for the determination in writing 90 days or more before the required vacate date.
- Inspect replacement properties to ensure they meet the Uniform Relocation Act's standards for decency, safety, and sanitary acceptability.
- Supply information on other federal, state, and local programs that offer assistance to displaced persons.
- Minimize hardship to persons adjusting to relocation by providing reimbursement for counseling services and advice on other sources of assistance that may be available.
- Recommend obtaining and provide reimbursement for a professional home inspection when purchasing a replacement dwelling.

Sound Transit's property acquisition and relocation handbooks for residential and nonresidential properties detail the agency's compensation and acquisition procedures (Sound Transit 2014a, 2014b). Sound Transit would pay normal expenses of sale, including escrow fees, title insurance, prepayment penalties, mortgage release fees, recording fees, and typical costs incurred as part of conveying title. In addition to compensating owners for property rights, other forms of compensation could include moving expenses, replacement housing payments, nonresidential reestablishment, and other eligible expenses. The relocation agent would also explain and provide the displaced person with information about the process for filing an appeal, should they disagree with any entitlement or decision made regarding their relocation.

Residents who own their home may be eligible for a purchase price differential in addition to the acquisition price paid for their property if the available comparable housing is more than the value of their current property. Additionally, they may be eligible to receive a mortgage interest differential payment if the interest rate on their new mortgage exceeds their present mortgage rate.

Residents who rent their home are eligible for a rent supplement if the rent plus utilities of the selected comparable is higher than their current rent plus utilities. A rent supplement is designed to enable a resident to rent a comparable replacement dwelling for a 3.5-year period (42 months). The resident could elect to receive the full value of the rent supplement at once in order to use it as a down payment to purchase a home and to pay certain incidental expenses to purchase a replacement dwelling. This creates a potential opportunity for someone who is currently renting their home to purchase a home if they are interested.

Additional considerations are given for residents who rent their home and are determined to be low-income based on the Uniform Relocation Act income limits (generally, low income for

Uniform Act purposes is income that does not exceed 80 percent of the median family income for the applicable area, as determined by the U.S. Department of Housing and Urban Development). The basis for the calculated entitlement for those residents who rent their homes and are determined to be low income is their rent plus utilities, or 30 percent of their income, whichever is less. This would result in the same or better rental assistance payment as someone who is not determined to be low income. In most cases, 30 percent of their income is less than the current rent plus utilities. This can result in a larger rental assistance payment.

For business relocations, adequate commercial and industrial spaces may be available in the market to relocate building owners and tenants displaced as part of the project. Industrial users requiring specific lot sizes and utilities may be more difficult to relocate. Businesses and nonprofit organizations displaced by the project would be offered relocation assistance, advisory services, and monetary benefits. Qualified relocation agents are assigned to work with displaced business throughout the process of locating a replacement property and making the transition to the new location. The goal of the relocation agent is to assist the displaced business or nonprofit organization in locating a replacement site and successfully completing their move. A relocation agent would personally visit each displaced business to explain the following:

- Explain relocation services and payments available, eligibility requirements, and procedures for obtaining assistance.
- Determine the relocation needs and preference for the operation by completing an occupancy survey form.
- Offer language translation services, as necessary.
- Provide advice on other sources of assistance and technical help.
- Explain substitute personal property and actual direct loss of tangible personal property so that the business owner can make informed decisions regarding the relocation.

The level of advisory services may be different for each displaced business depending on the complexity of the business operation. Sound Transit would provide information on the availability, purchase price, and rental costs of suitable commercial properties and locations or refer the displaced business to real property specialists in the area. The relocation agent would assist a business to become established in a replacement location. Businesses are eligible to receive relocation benefits including moving expenses, reestablishment expenses, or a fixed moving payment. Reestablishment expenses of up to a maximum of $50,000 may include, but are not limited to:

- Repairs or improvements to the replacement real property as required by federal, state, local law, codes, or ordinances.
- Modifications to the replacement property to accommodate the business operation or make replacement structure suitable for conducting the business.
- Construction and installation costs, for exterior signing to advertise the business.
- Redecoration or replacement of soiled or worn surfaces (e.g., carpeting, paneling, or painting).
- Advertising of replacement location.
- Estimated increased costs for 2 years at the replacement site for such items as lease or rental charges, personal or real property taxes, insurance premiums, and utility charges (excluding impact fees).

Additionally, if they prefer, businesses may be eligible for a fixed payment in lieu of moving, site search, and reestablishment expenses. The fixed payment is based on the average net earnings of the business for 2 taxable years immediately preceding the taxable year in which it would be displaced. The fixed payment entitlement is a minimum of $1,000 and a maximum of $40,000.

6.3 General Construction Impacts

Construction of TDLE would result in short-term construction impacts to communities throughout the project corridor, including neighborhoods and commercial districts. These impacts could include additional noise, dust, impacts to traffic patterns and access, visual impacts, and land use changes related to the preparation of work sites and staging areas, including the installation of temporary fencing, job trailers, and required safety and work-site isolation measures, clearing and grading activity, movement of materials, and activities associated with periodic nighttime construction.

As a result of these impacts, these communities would be exposed to elevated levels of noise, visual, traffic, and particulate conditions. This may result in reduced access to neighborhoods and commercial districts, disrupting both social cohesion and current economic activity. These temporary construction impacts have the potential to impact minority and low-income people more adversely if a population has limited access to alternative transportation modes, economic opportunity, access to goods and services, and social support network compared with the non-minority and non-low-income population in the study area.

Construction of TDLE would require property for staging, construction access, and temporary construction easements in each segment. Most of these construction needs would be accommodated within property required for permanent right-of-way, but some additional properties could be affected. Properties required for short-term construction staging and access would be directly impacted during construction.

Temporary changes to the existing traffic patterns and road network during construction would have impacts to public services. This would likely include longer response times for police, fire, and emergency medical vehicles; solid waste collection vehicles; school buses; and transit services.

Short-term construction impacts would be limited in duration, and Sound Transit is committed to working with community stakeholders and service providers to minimize and mitigate these impacts. Based on this analysis, short-term construction impacts would not result in disproportionate and adverse effects on environmental justice populations.

6.4 Indirect Impacts

TDLE could increase economic activity in areas near stations, resulting in increased development and redevelopment potential and higher density and mixed land uses, where zoning allows, which could potentially increase property value and create additional employment opportunities. Such indirect impacts could be beneficial for environmental justice populations in the study area. However, displacement of housing and existing businesses may also occur as a result of new development patterns that increase rents or saturate the local market area with similar businesses, which could adversely impact environmental justice populations in the study area. Affordable housing goals and policies of local jurisdictions and Sound Transit would encourage affordable housing options and would help mitigate adverse impacts.

6.5 Cumulative Impacts

TDLE, in addition to the Federal Way Link Extension and OMF South projects and other investments in regional transportation infrastructure, would improve mobility within the region in addition to improved local connections to economic opportunity, goods, and services. Additional projects such as the City Center Access Project and the SR 167 Completion project would also modify and improve mobility in the area. The confluence of these reasonably foreseeable actions would be considered a benefit to low-income and minority people in the study area and to the Puget Sound region as a whole.

In addition, cumulative impacts from reasonably foreseeable commercial and residential development projects and proposed land use changes could result in benefits to communities within the study area, including those composed of minority and low-income populations. These benefits could include improved access to a regional high-capacity transit network, residential infill, growth in employment base, and greater support of local businesses, especially to communities in proximity to future transit station areas. Future private development in response to transportation investments and corresponding development activities could increase property values and taxes; however, it may also result in gentrification and loss of affordable housing. Affordable housing goals and policies of local jurisdictions and Sound Transit would encourage affordable housing options and help mitigate cumulative impacts.

If TDLE were constructed at similar times as other large infrastructure projects, residents and businesses could experience increased short-term construction impacts due to cumulative increases in congestion, noise, and access limitations. Impact minimization, best management practices, and mitigation measures would be implemented to reduce cumulative construction impacts on affected residences and businesses.

To help inform the cumulative impact analysis, Sound Transit used EPA's EJScreen tool. EJScreen is a mapping tool that combines environmental and demographic socioeconomic indicators. It assesses the following 13 environmental indicators: particulate matter 2.5, ozone, diesel particulate matter, air toxics cancer risk, air toxics respiratory hazard index, toxic release to air, traffic proximity, lead paint, risk management plan facility proximity, hazardous waste proximity, superfund proximity, underground storage tanks, and wastewater discharge. It also includes supplemental indexes to offer a perspective on the community-level vulnerability based on income, employment, limited English speaking, education, and life expectancy.

The EJScreen tool identified that the TDLE study area is in the 80th and 90th percentiles for many of the indexes when compared to national and state data. This indicates that the study area has been historically overburdened and there is a high potential for future projects to have cumulative impacts. Additional information is included in the EJScreen Reports in Attachment C1. Note that the census block results presented by EJScreen are actually census tract values distributed homogeneously across all census blocks within a census tract. As described in Section 3.2 above, this environmental justice analysis uses demographic data at the block group level to provide a more accurate portrayal of environmental justice populations within the project study area, given the localized nature of the project's potential impacts.

Sound Transit analyzed potential direct and cumulative impacts of TDLE related to the environmental justice indicators, including air quality, traffic, hazardous materials, and wastewater, as discussed in the Draft EIS in Chapter 4, Affected Environment and Environmental Consequences, and in Chapter 5, Cumulative Impacts. Based on this analysis, TDLE is anticipated to improve rather than negatively impact the EJScreen environmental indicators and is not anticipated to contribute to adverse cumulative impacts.

7 PROJECT BENEFITS

Under DOT Order 5610.2C, the benefits of a proposed transportation project may be considered when determining whether any disproportionate and adverse effects on minority and low-income populations would occur. The introduction of light rail service from Federal Way to Tacoma offers improved access to transit and employment, transit travel time savings, increased reliability, connectivity, and frequency, and other benefits. While all populations within the project's service area would realize these benefits to the same extent, they would accrue to a higher degree to minority and low-income populations as described in the following subsections.

If TDLE is constructed in phases, the M.O.S. to the station in South Federal Way Station and, to a lesser degree, the M.O.S. to the station in Fife Station would have the same type of benefits as described in Section 6.1 and 6.2 but would be limited in their accrual to minority and low-income populations until the remaining phases were completed.

7.1 Transit Benefits

Improved access to transit would result for all populations within the study area. Extended transit service hours (20 hours per day Monday through Saturday, 18 hours on Sunday) compared with baseline service hours would improve access to transit for all populations within the service area. Train frequency would be every 6 minutes during AM and PM peak hours, every 10 minutes during the midday and evening, and every 10 to 15 minutes in the early morning and evening late-night periods. These improvements would provide a benefit, particularly to transit users who work outside the typical 8 a.m. to 5 p.m. workday and may be faced with limited bus service.

The project would further reduce average transit travel times for users compared with baseline transit travel times. The light rail would operate in an elevated alignment and would not experience delays associated with increased traffic congestion. This would increase transit reliability.

The development and integration of additional pedestrian, bicycle facilities and bus services that provide connections to the stations would also improve access to the transit system. The proposed station locations in the study area would accommodate connections with bus, Sounder, T Line, nonmotorized, and automobile access trips.

A number of studies have documented that minority and low-income populations tend to own fewer personal vehicles and make greater use of transit service than other groups, indicating that the transit service improvements are generally more important to this segment of the population than other groups. Data from the American Public Transportation Association indicate that in 2007, approximately 60 percent of all transit passengers were minority (APTA 2007). With minority and low-income populations taking public transit at a higher rate, the transit operations benefit provided by the project would benefit environmental justice populations to a greater degree than other segments of the population.

With the improvements in travel times, project users would be able to reliably travel longer distances in the same amount of time throughout the region. This would provide access to new employment opportunities that would be more accessible within a typical commute for the region. This benefit is particularly important for populations that may not own a car or are otherwise rely upon transit and cannot use existing bus routes to access many areas in the project vicinity because of the extended travel times or because bus routes do not serve their

destinations well or during off-peak times. The project would also provide reliable connections to the large employment centers of Seattle, Bellevue, and other regional destinations.

Because minority and low-income populations use transit more than other members of the population, increased speed, frequency, connectivity, and reliability would benefit these populations to a greater degree than other segments of the population.

7.2 Other Benefits

The Cities of Federal Way and Fife would each benefit from a new light rail station with connections to Tacoma, Sea-Tac Airport, and Seattle. This would provide the area with a potential community and social hub. These improved regional connections would result in improved access to economic and employment opportunities for environmental justice communities living in the area.

The City of Tacoma would benefit from two new stations at Portland Avenue and near the Tacoma Dome. The station near the Tacoma Dome would serve as a multimodal transit hub, with transfer options to and from Sounder commuter rail service, Amtrak passenger rail service, Greyhound, T Line, and Pierce Transit and Sound Transit buses. Areas surrounding proposed stations could include increased infill development, and the stations and trains would provide meeting points, thereby increasing opportunities for social activity. This would be a positive impact in a community with a somewhat sprawled and disconnected development pattern. TDLE could also improve access to minority-owned businesses near these station locations.

Other social benefits resulting from TDLE include improved connectivity to social services, health services, parks, and recreation in the region. TDLE would also slow the growth of greenhouse gas emissions, as discussed further in Section 4.6, Air and Greenhouse Gas Emissions.

Construction benefits would include new jobs to build the project, the purchase and sale of goods and services within the community to facilitate construction, and the positive economic effects of construction workers' purchases in food and retail within the community. Sound Transit has programs in place that focus on providing opportunities for minority or low-income populations, such as Project Labor Agreements and the Disadvantage Business Enterprise program. Project Labor Agreements promote a commitment to labor stability and a local workforce, apprenticeship and employment goals for people of color and women, and non-discrimination and fairness in employment for both union and non-union contractors and craft workers. Project Labor Agreements require that 20 percent of all hours be set aside for persons of color. The Disadvantage Business Enterprise program requires that 18.2 percent of all construction and architecture/engineering consultant dollars be set aside for small businesses that are at least 51 percent owned by individuals who are socially and economically disadvantaged. New jobs associated with TDLE itself or new development or connectivity between communities would increase community cohesion and interaction and could yield a benefit to environmental justice communities.

8 CONCLUSION

FTA and Sound Transit conducted this environmental justice analysis to identify, analyze and address potential disproportionate and adverse human health and environmental effects of TDLE on environmental justice communities. FTA will make the final environmental justice determination for the project following selection by the Sound Transit Board of a project to be built. As described in Section 2, Methods and Approach, FTA's determination considers who may be affected; whether the net results will be disproportionately high after consideration of the totality of the circumstances, including project impacts, mitigation, and benefits; and whether adverse impacts would be predominately borne by environmental justice populations. The determination also includes whether there would be a denial of, reduction in, or significant delay in the receipt of benefits by minority or low-income populations. To determine whether disproportionately high adverse health or environmental impacts exist, FTA considers:

- Whether the adverse effects on environmental justice populations exceed those borne by non-environmental justice populations.
- Whether cumulative or indirect effects would adversely affect an environmental justice population.
- Whether mitigation and enhancement measures will be taken for environmental justice and non-environmental justice populations.
- Whether there are offsetting benefits to environmental justice populations compared to non-environmental justice populations.

The environmental impact analysis for environmental justice populations concludes:

- Sound Transit conducted a robust, meaningful community engagement program that included a demographic analysis to identify low-income and minority populations.
- The study area for all build alternatives includes populations that are predominately minority and low-income. Concentrations of minority and low-income populations in the study are higher than the Sound Transit service district as a whole.
- All build alternatives would result in potential impacts, as described in Table C6-1.
- Sound Transit would mitigate impacts for all populations through the application of measures presented in Chapters 3 and 4 of the Final EIS and summarized above in Table C6-1. Mitigation and enhancement measures would be applied equally between environmental justice and non-environmental justice populations. For project impacts in general, design measures, BMPs, and other mitigation measures discussed throughout the Draft EIS would reduce certain project impacts on all populations, including minority and low-income populations, to levels that would not be adverse.
- The project is anticipated to yield a benefit to environmental justice communities living within the study area by increasing transit reliability, access to transit, connectivity, and frequency, especially to those communities near the proposed station areas. Other benefits include new jobs associated with the construction of the project or with new development indirectly spurred by local and regional investment in light rail. Additional economic opportunities may result from improved connectivity between communities that could yield a benefit to environmental justice communities living within the project area.
- After consideration of the totality of the circumstances, including mitigation, offsetting direct and indirect benefits, and impacts, FTA has preliminarily concluded that the net results of the project would not result in disproportionate and adverse effects on environmental justice populations as defined in Executive Order 12898, EO 14096, and DOT Order 5610.2C.

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ATTACHMENT C1

EJScreen Reports

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Federal Way, WA

Blockgroup: 530330303131,530330303132,530330303133
Population: 5,342
Area in square miles: 1.57

A3 Landscape

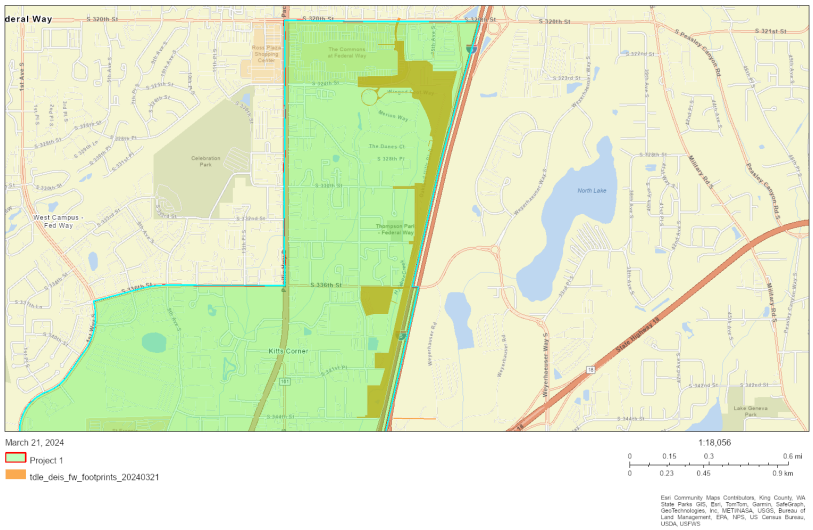

COMMUNITY INFORMATION

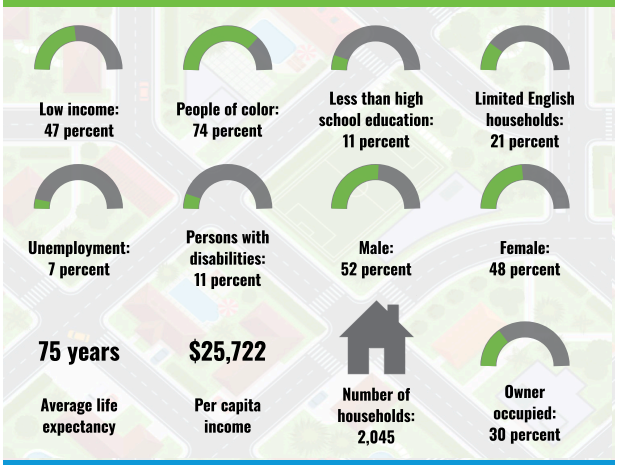

BREAKDOWN BY RACE

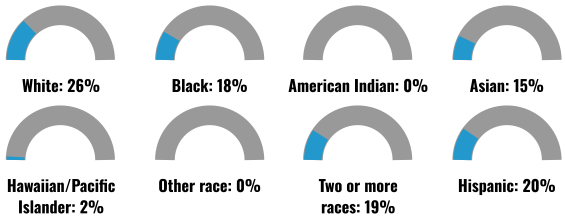

BREAKDOWN BY AGE

LIMITED ENGLISH SPEAKING BREAKDOWN

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, American Community Survey (ACS) 2017 -2021. Life expectancy data comes from the Centers for Disease Control.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	57%
Spanish	15%
Russian, Polish, or Other Slavic	5%
Other Indo-European	7%
Korean	3%
Vietnamese	5%
Other Asian and Pacific Island	2%
Other and Unspecified	4%
Total Non-English	43%

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

EJ INDEXES FOR THE SELECTED LOCATION

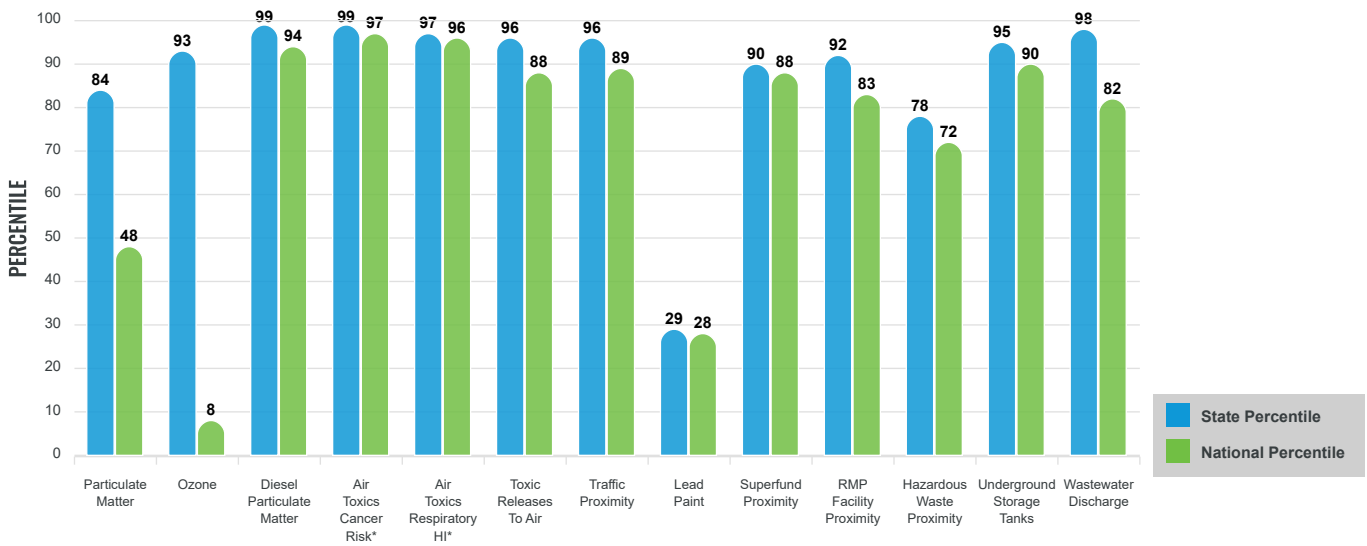

SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION

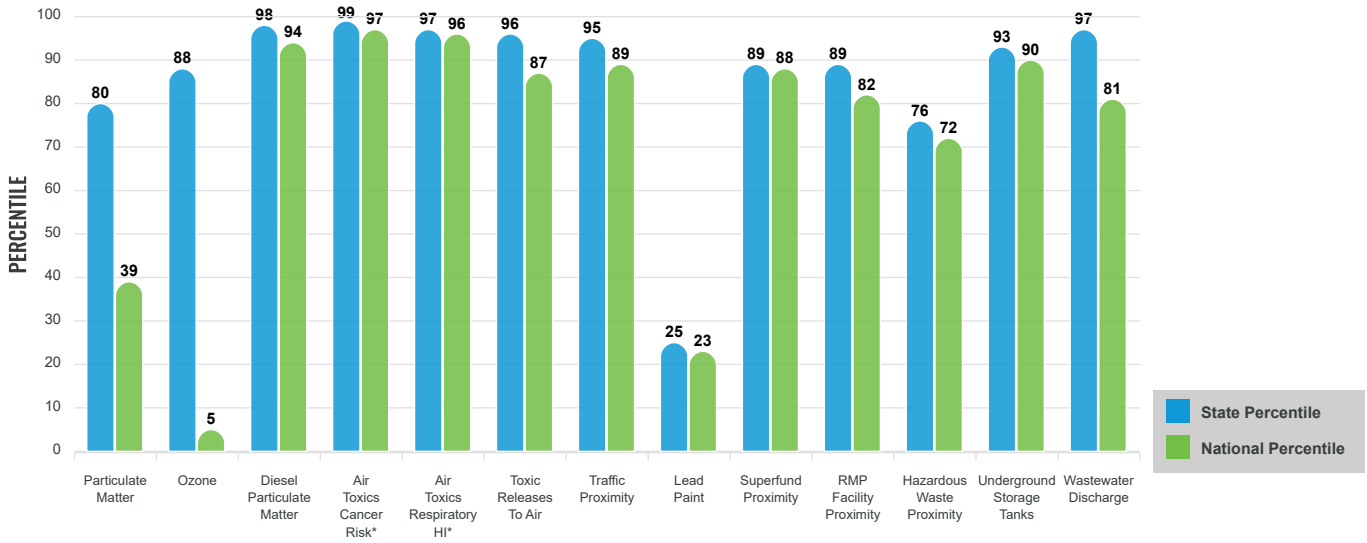

These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for Blockgroup: 530330303131,530330303132,530330303133

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	6.92	7.02	44	8.08	19
Ozone (ppb)	50.6	49.8	59	61.6	2
Diesel Particulate Matter (µg/m^3)	0.673	0.355	93	0.261	96
Air Toxics Cancer Risk* (lifetime risk per million)	40	27	94	25	94
Air Toxics Respiratory HI*	0.5	0.39	74	0.31	92
Toxic Releases to Air	1,500	1,800	71	4,600	67
Traffic Proximity (daily traffic count/distance to road)	290	190	84	210	82
Lead Paint (% Pre-1960 Housing)	0.01	0.23	15	0.3	16
Superfund Proximity (site count/km distance)	0.12	0.18	59	0.13	72
RMP Facility Proximity (facility count/km distance)	0.25	0.4	63	0.43	63
Hazardous Waste Proximity (facility count/km distance)	0.36	1.6	40	1.9	45
Underground Storage Tanks (count/km^2)	9.3	6.3	79	3.9	87
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0025	0.024	91	22	56
SOCIOECONOMIC INDICATORS					
Demographic Index	60%	28%	95	35%	83
Supplemental Demographic Index	22%	12%	92	14%	82
People of Color	74%	32%	95	39%	80
Low Income	47%	24%	88	31%	77
Unemployment Rate	7%	5%	73	6%	70
Limited English Speaking Households	21%	4%	96	5%	93
Less Than High School Education	11%	8%	75	12%	62
Under Age 5	10%	6%	84	6%	83
Over Age 64	13%	16%	40	17%	37
Low Life Expectancy	23%	18%	94	20%	83

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund 0
Hazardous Waste, Treatment, Storage, and Disposal Facilities 0
Water Dischargers 21
Air Pollution 1
Brownfields 0
Toxic Release Inventory 0

Other community features within defined area:

Schools 2
Hospitals 1
Places of Worship 4

Other environmental data:

Air Non-attainment ..... No
Impaired Waters ..... Yes

Selected location contains American Indian Reservation Lands* ..... No
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for Blockgroup: 530330303131,530330303132,530330303133

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	23%	18%	94	20%	83
Heart Disease	6.5	5.3	78	6.1	60
Asthma	10.5	10.5	47	10	69
Cancer	7.2	6.3	74	6.1	74
Persons with Disabilities	10.3%	13.1%	34	13.4%	34

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	10%	11%	69	12%	67
Wildfire Risk	0%	12%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	11%	9%	68	14%	49
Lack of Health Insurance	11%	6%	87	9%	72
Housing Burden	Yes	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for Blockgroup: 530330303131,530330303132,530330303133

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Pierce County, WA

Blockgroup: 530330303133,530330303043,530330303042,530539400021,530530707031
Population: 8,966
Area in square miles: 5.05

A3 Landscape

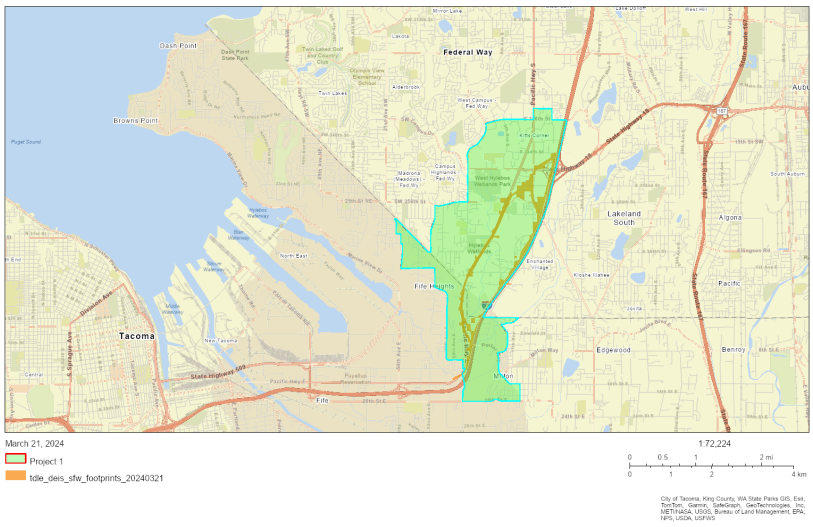

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	71%
Spanish	9%
Russian, Polish, or Other Slavic	4%
Other Indo-European	3%
Korean	3%
Vietnamese	2%
Tagalog (including Filipino)	2%
Other Asian and Pacific Island	4%
Other and Unspecified	2%
Total Non-English	29%

COMMUNITY INFORMATION

- Low income: 32 percent
- People of color: 53 percent
- Less than high school education: 10 percent
- Limited English households: 7 percent
- Unemployment: 5 percent
- Persons with disabilities: 10 percent
- Male: 48 percent
- Female: 52 percent
- 79 years — Average life expectancy
- $30,634 — Per capita income
- Number of households: 2,695
- Owner occupied: 39 percent

BREAKDOWN BY RACE

- White: 47%
- Black: 13%
- American Indian: 1%
- Asian: 9%
- Hawaiian/Pacific Islander: 4%
- Other race: 0%
- Two or more races: 13%
- Hispanic: 13%

BREAKDOWN BY AGE

From Ages 1 to 4	7%
From Ages 1 to 18	31%
From Ages 18 and up	69%
From Ages 65 and up	10%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	43%
Speak Other Indo-European Languages	35%
Speak Asian-Pacific Island Languages	23%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017 -2021. Life expectancy data comes from the Centers for Disease Control.

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

EJ INDEXES FOR THE SELECTED LOCATION

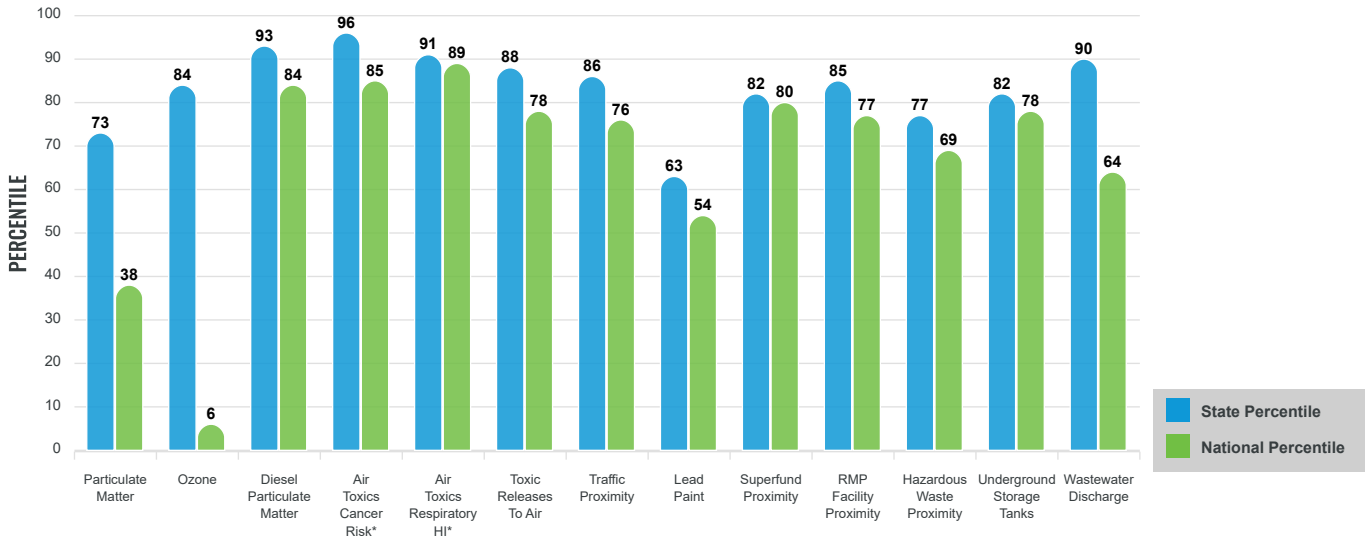

SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION

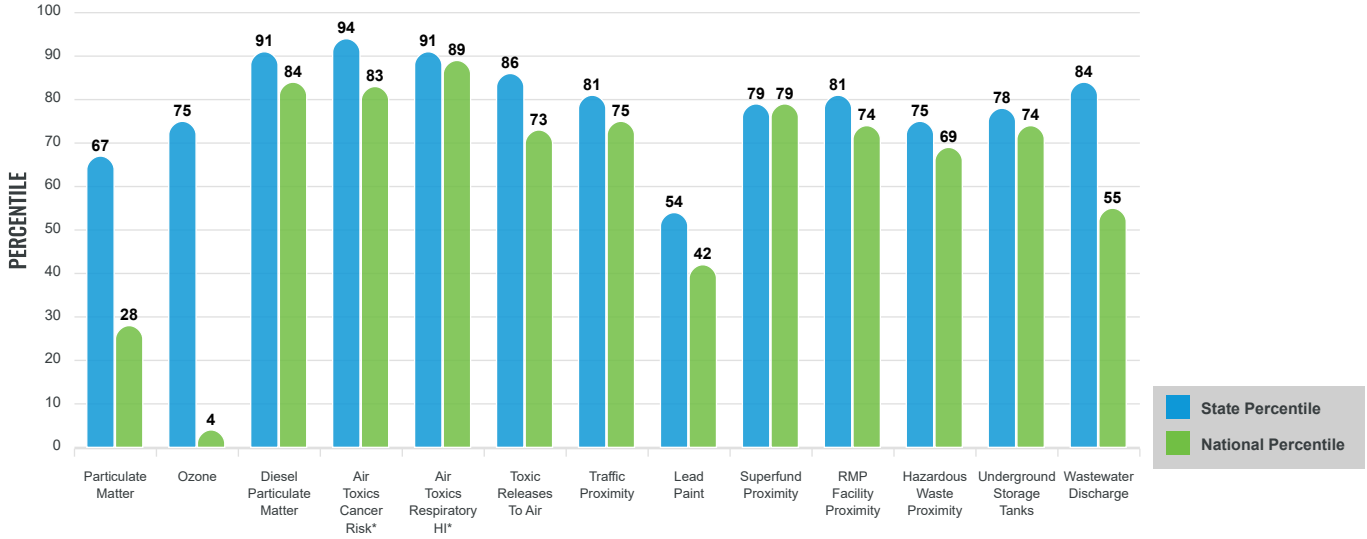

These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for Blockgroup: 530330303133,530330303043,530330303042,530539400021,530530707031

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	6.97	7.02	47	8.08	19
Ozone (ppb)	50.8	49.8	61	61.6	2
Diesel Particulate Matter (µg/m^3)	0.607	0.355	91	0.261	94
Air Toxics Cancer Risk* (lifetime risk per million)	33	27	37	25	52
Air Toxics Respiratory HI*	0.5	0.39	74	0.31	92
Toxic Releases to Air	1,400	1,800	68	4,600	65
Traffic Proximity (daily traffic count/distance to road)	220	190	77	210	77
Lead Paint (% Pre-1960 Housing)	0.13	0.23	49	0.3	39
Superfund Proximity (site count/km distance)	0.14	0.18	65	0.13	78
RMP Facility Proximity (facility count/km distance)	0.63	0.4	83	0.43	80
Hazardous Waste Proximity (facility count/km distance)	1.7	1.6	72	1.9	70
Underground Storage Tanks (count/km^2)	5.1	6.3	68	3.9	77
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0011	0.024	87	22	49
SOCIOECONOMIC INDICATORS					
Demographic Index	42%	28%	82	35%	67
Supplemental Demographic Index	15%	12%	74	14%	59
People of Color	53%	32%	82	39%	68
Low Income	32%	24%	71	31%	58
Unemployment Rate	5%	5%	58	6%	57
Limited English Speaking Households	7%	4%	81	5%	79
Less Than High School Education	10%	8%	71	12%	58
Under Age 5	7%	6%	72	6%	72
Over Age 64	10%	16%	29	17%	27
Low Life Expectancy	20%	18%	67	20%	51

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	50
Air Pollution	2
Brownfields	1
Toxic Release Inventory	2

Other community features within defined area:

Schools	4
Hospitals	1
Places of Worship	5

Other environmental data:

Air Non-attainment	Yes
Impaired Waters	Yes

Selected location contains American Indian Reservation Lands*	Yes
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for Blockgroup: 530330303133,530330303043,530330303042,530539400021,530530707031

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	20%	18%	67	20%	51
Heart Disease	5.4	5.3	53	6.1	37
Asthma	10.4	10.5	43	10	66
Cancer	6.1	6.3	43	6.1	45
Persons with Disabilities	9.9%	13.1%	32	13.4%	32

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	8%	11%	63	12%	59
Wildfire Risk	0%	12%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	9%	9%	62	14%	43
Lack of Health Insurance	7%	6%	69	9%	54
Housing Burden	Yes	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Report for Blockgroup: 530330303133,530330303043,530330303042,530539400021,530530707031

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Tacoma, WA

Blockgroup: 530539400024,530539400023,530539400022,530530602001
Population: 4,857
Area in square miles: 14.23

A3 Landscape

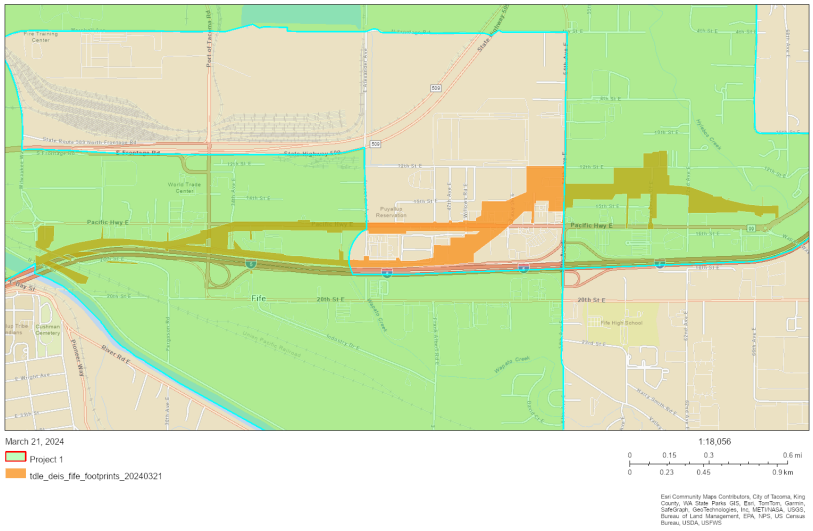

COMMUNITY INFORMATION

- Low income: 37 percent
- People of color: 54 percent
- Less than high school education: 17 percent
- Limited English households: 7 percent
- Unemployment: 3 percent
- Persons with disabilities: 12 percent
- Male: 62 percent
- Female: 38 percent
- 60 years — Average life expectancy
- $35,311 — Per capita income
- Number of households: 1,617
- Owner occupied: 49 percent

BREAKDOWN BY RACE

- White: 46%
- Black: 10%
- American Indian: 1%
- Asian: 13%
- Hawaiian/Pacific Islander: 5%
- Other race: 0%
- Two or more races: 7%
- Hispanic: 19%

BREAKDOWN BY AGE

From Ages 1 to 4	3%
From Ages 1 to 18	15%
From Ages 18 and up	85%
From Ages 65 and up	12%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	30%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	70%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, American Community Survey (ACS) 2017 -2021. Life expectancy data comes from the Centers for Disease Control.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	66%
Spanish	15%
French, Haitian, or Cajun	1%
Russian, Polish, or Other Slavic	3%
Other Indo-European	2%
Korean	3%
Chinese (including Mandarin, Cantonese)	1%
Tagalog (including Filipino)	3%
Other Asian and Pacific Island	4%
Other and Unspecified	1%
Total Non-English	34%

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

EJ INDEXES FOR THE SELECTED LOCATION

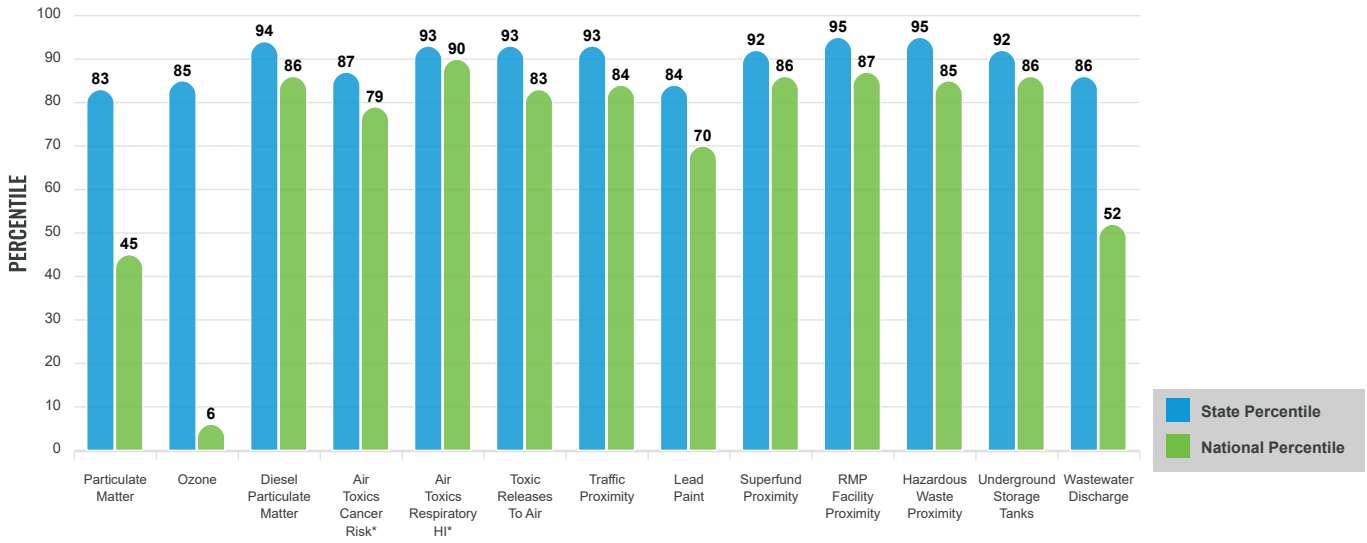

SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION

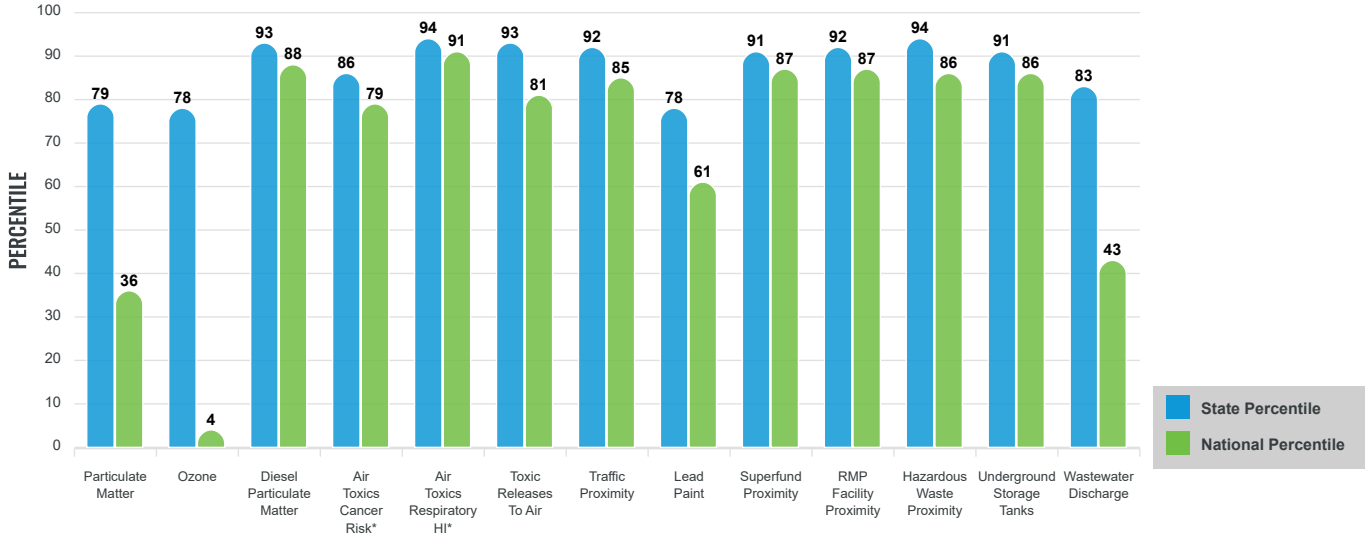

These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for Blockgroup: 530539400024,530539400023,530539400022,530530602001

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	7.11	7.02	55	8.08	22
Ozone (ppb)	50.5	49.8	59	61.6	2
Diesel Particulate Matter (µg/m^3)	0.575	0.355	89	0.261	94
Air Toxics Cancer Risk* (lifetime risk per million)	30	27	37	25	52
Air Toxics Respiratory HI*	0.5	0.39	74	0.31	92
Toxic Releases to Air	2,200	1,800	81	4,600	74
Traffic Proximity (daily traffic count/distance to road)	480	190	91	210	90
Lead Paint (% Pre-1960 Housing)	0.21	0.23	60	0.3	49
Superfund Proximity (site count/km distance)	0.37	0.18	88	0.13	92
RMP Facility Proximity (facility count/km distance)	1.9	0.4	96	0.43	96
Hazardous Waste Proximity (facility count/km distance)	6.6	1.6	95	1.9	92
Underground Storage Tanks (count/km^2)	15	6.3	87	3.9	93
Wastewater Discharge (toxicity-weighted concentration/m distance)	8.4E-05	0.024	68	22	29
SOCIOECONOMIC INDICATORS					
Demographic Index	46%	28%	86	35%	70
Supplemental Demographic Index	17%	12%	81	14%	68
People of Color	54%	32%	83	39%	69
Low Income	37%	24%	78	31%	66
Unemployment Rate	3%	5%	45	6%	45
Limited English Speaking Households	7%	4%	82	5%	80
Less Than High School Education	17%	8%	87	12%	76
Under Age 5	3%	6%	30	6%	33
Over Age 64	12%	16%	38	17%	35
Low Life Expectancy	11%	18%	2	20%	1

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund 1
Hazardous Waste, Treatment, Storage, and Disposal Facilities 13
Water Dischargers 293
Air Pollution 44
Brownfields 6
Toxic Release Inventory 44

Other community features within defined area:

Schools 1
Hospitals 0
Places of Worship 1

Other environmental data:

Air Non-attainment ..... Yes
Impaired Waters ..... Yes

Selected location contains American Indian Reservation Lands* ..... Yes
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for Blockgroup: 530539400024,530539400023,530539400022,530530602001

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	11%	18%	2	20%	1
Heart Disease	4.9	5.3	39	6.1	26
Asthma	10.5	10.5	47	10	69
Cancer	4.7	6.3	14	6.1	21
Persons with Disabilities	12%	13.1%	46	13.4%	46

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	35%	11%	93	12%	93
Wildfire Risk	0%	12%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	8%	9%	57	14%	38
Lack of Health Insurance	8%	6%	75	9%	60
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for Blockgroup: 530539400024,530539400023,530539400022,530530602001

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Tacoma, WA

Blockgroup: 530530602001,530539400071
Population: 3,747
Area in square miles: 10.25

A3 Landscape

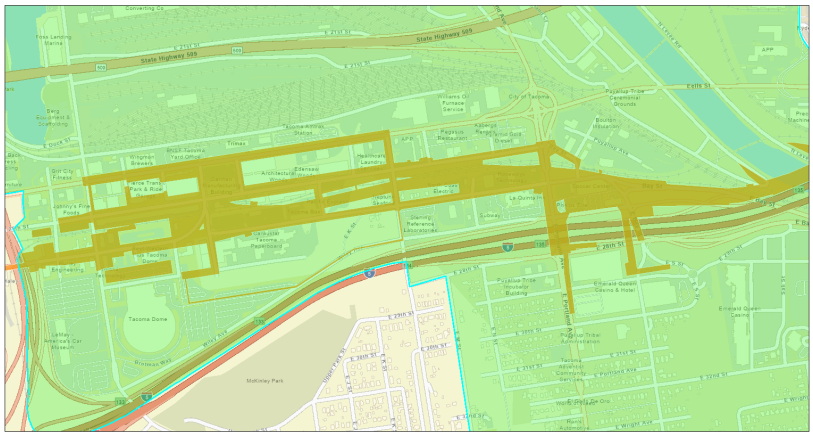

March 21, 2024
Project 1
tdle_deis_tacoma_footprints_20240321
1:9,028
0 0.07 0.15 0.3 mi
0 0.1 0.2 0.4 km

Esri Community Maps Contributors, City of Tacoma, King County, WA State Parks GIS, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau,

COMMUNITY INFORMATION

- Low income: 41 percent
- People of color: 57 percent
- Less than high school education: 17 percent
- Limited English households: 8 percent
- Unemployment: 3 percent
- Persons with disabilities: 13 percent
- Male: 66 percent
- Female: 34 percent
- 38 years — Average life expectancy
- $39,887 — Per capita income
- Number of households: 1,223
- Owner occupied: 49 percent

BREAKDOWN BY RACE

- White: 43%
- Black: 8%
- American Indian: 3%
- Asian: 11%
- Hawaiian/Pacific Islander: 1%
- Other race: 0%
- Two or more races: 12%
- Hispanic: 21%

BREAKDOWN BY AGE

From Ages 1 to 4	6%
From Ages 1 to 18	15%
From Ages 18 and up	85%
From Ages 65 and up	9%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	37%
Speak Other Indo-European Languages	45%
Speak Asian-Pacific Island Languages	18%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017 -2021. Life expectancy data comes from the Centers for Disease Control.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	64%
Spanish	19%
French, Haitian, or Cajun	1%
Russian, Polish, or Other Slavic	3%
Other Indo-European	2%
Chinese (including Mandarin, Cantonese)	2%
Tagalog (including Filipino)	1%
Other Asian and Pacific Island	4%
Other and Unspecified	3%
Total Non-English	36%

Environmental Justice & Supplemental Indexes

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EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

EJ INDEXES FOR THE SELECTED LOCATION

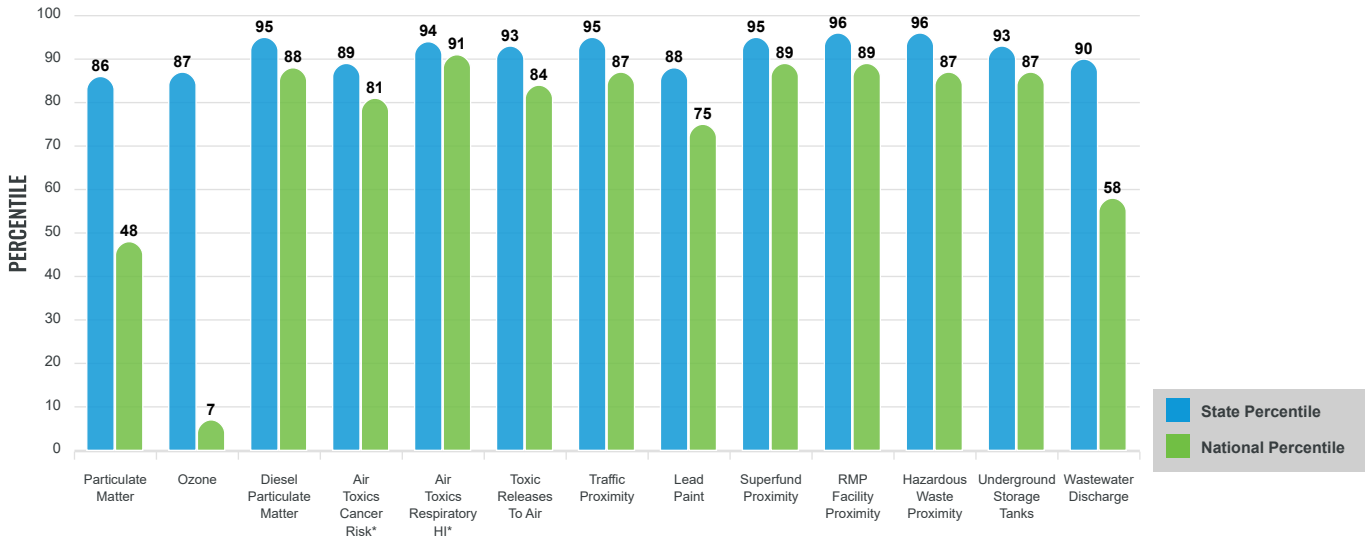

SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION

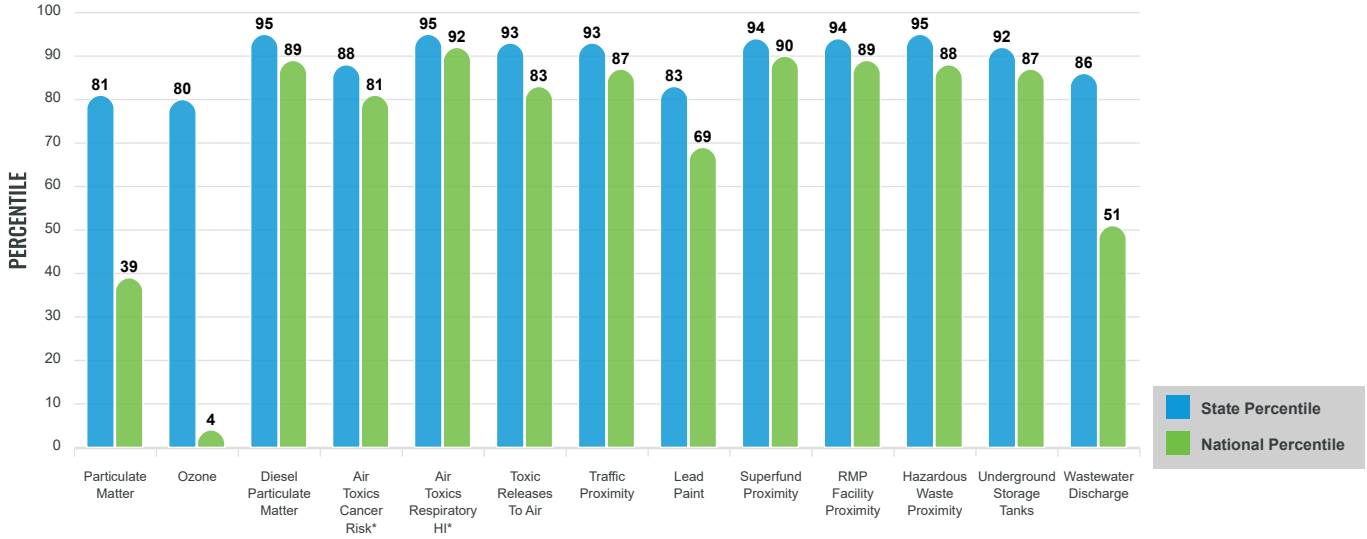

These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for Blockgroup: 530530602001,530539400071

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (µg/m^3)	7.15	7.02	57	8.08	23
Ozone (ppb)	50.3	49.8	57	61.6	2
Diesel Particulate Matter (µg/m^3)	0.576	0.355	89	0.261	94
Air Toxics Cancer Risk* (lifetime risk per million)	30	27	37	25	52
Air Toxics Respiratory HI*	0.5	0.39	74	0.31	92
Toxic Releases to Air	2,300	1,800	81	4,600	75
Traffic Proximity (daily traffic count/distance to road)	550	190	93	210	91
Lead Paint (% Pre-1960 Housing)	0.29	0.23	69	0.3	57
Superfund Proximity (site count/km distance)	0.52	0.18	92	0.13	95
RMP Facility Proximity (facility count/km distance)	2.2	0.4	97	0.43	97
Hazardous Waste Proximity (facility count/km distance)	6.6	1.6	95	1.9	92
Underground Storage Tanks (count/km^2)	14	6.3	86	3.9	92
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00013	0.024	71	22	32
SOCIOECONOMIC INDICATORS					
Demographic Index	49%	28%	88	35%	73
Supplemental Demographic Index	18%	12%	84	14%	71
People of Color	57%	32%	85	39%	70
Low Income	41%	24%	82	31%	70
Unemployment Rate	4%	5%	50	6%	49
Limited English Speaking Households	8%	4%	82	5%	81
Less Than High School Education	17%	8%	87	12%	76
Under Age 5	6%	6%	59	6%	60
Over Age 64	9%	16%	25	17%	24
Low Life Expectancy	11%	18%	1	20%	1

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund 1
Hazardous Waste, Treatment, Storage, and Disposal Facilities 9
Water Dischargers 244
Air Pollution 42
Brownfields 6
Toxic Release Inventory 40

Other community features within defined area:

Schools 2
Hospitals 0
Places of Worship 1

Other environmental data:

Air Non-attainment ..... Yes
Impaired Waters ..... Yes

Selected location contains American Indian Reservation Lands* ..... Yes
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for Blockgroup: 530530602001,530539400071

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	11%	18%	1	20%	1
Heart Disease	4.9	5.3	36	6.1	24
Asthma	11.1	10.5	67	10	79
Cancer	3.9	6.3	4	6.1	10
Persons with Disabilities	12.7%	13.1%	51	13.4%	51

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	19%	11%	84	12%	84
Wildfire Risk	0%	12%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	6%	9%	50	14%	33
Lack of Health Insurance	9%	6%	76	9%	61
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for Blockgroup: 530530602001,530539400071

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

DRAFT INDIVIDUAL SECTION 4(f) EVALUATION

Appendix D

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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D.1 Section 4(f) Status of Parks and Recreational Resources in the Study Area
D.2 Correspondence

Acronyms and Abbreviations

APE	Area of Potential Effects
CFR	Code of Federal Regulations
DOT	United States Department of Transportation
EIS	Environmental Impact Statement
FHWA	Federal Highway Administration
Fife Median	Fife Pacific Highway Median
FTA	Federal Transit Administration
GHG	greenhouse gas
I-5	Interstate 5
NRHP	National Register of Historic Places
PSRC	Puget Sound Regional Council
Puyallup Tribe of the Puyallup Reservation	Puyallup Tribe of Indians
Section 4(f)	Section 4(f) of the Department of Transportation Act of 1966
SF	South Federal Way
SHPO	State Historic Preservation Officer
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
TCP	traditional cultural properties
TDLE	Tacoma Dome Link Extension
THPO	Tribal Historic Preservation Office
VMT	vehicle miles traveled
WHR	Washington Heritage Register
WSDOT	Washington State Department of Transportation

1 EXECUTIVE SUMMARY

Up to eight resources that qualify for protection under Section 4(f) of the Department of Transportation Act [Section 4(f)] could be used by the Tacoma Dome Link Extension (TDLE), depending on the alternative. In the South Federal Way Segment, up to four historic resources (a school, stables, a residence, and signage associated with a motel) could be used by alternatives on the State Route (SR) 99 corridor, and one historic resource and one archaeological resource could be used by the alternatives along the Interstate 5 (I-5) corridor. In the Fife Segment, at least one historic resource, a single-family residence, would be removed under any of the alternatives. One alternative would require the removal of a second historic property, the Pick-Quick Drive In, in the City of Fife. No Section 4(f) resources would be used in the Federal Way or Tacoma segments. Consultation with officials with jurisdiction is ongoing regarding the applicability of Section 4(f) and the potential use of Section 4(f) resources. A summary of preliminary Section 4(f) use determinations, by alternative, are included in Tables D-1 through Table D-3.

Table D-1 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the South Federal Way Segment

Resource	SF Enchanted Parkway	SF I-5	SF 99-West[1]	SF 99-East[1]
Denny's Restaurant at 34726 16th Avenue S	No use	No use	*De minimis*	*De minimis*
Montessori Academy at Spring Valley, 36605 Pacific Highway S, Federal Way	No use	No use	Use	No use
K.C.J. Stables and Residence, 36530A Pacific Highway S, Federal Way	No use	No use	Use	Use
Residence at 36606 Pacific Highway S, Federal Way	No use	No use	No use	Use
Residence at 36903 Pacific Highway S, Federal Way	No use	No use	Use	*De minimis*
Site 45KI1586	Use	Use	No use	No use
West Hylebos Osaka Property	No use	No use	*De minimis* only with Porter Way Design Option	*De minimis* only with Porter Way Design Option
Daffodil Motel, 7909 Pacific Highway E, Milton	No use	No use	Use	No use

Notes:
(1) Preliminary Section 4(f) use determinations apply with or without the Porter Way Design Option unless otherwise noted.

Table D-2 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the Fife Segment[1]

Resource	Fife Pacific Highway	Fife Median	Fife I-5
Residence at 1309 62nd Avenue E	Use	Use	Use
Pick-Quick Drive In, 4306 Pacific Highway	Use	*De minimis*	No use
Cappa Park (planned)	*De minimis*	*De minimis*	*De minimis*

Note:
(1) Preliminary Section 4(f) use determinations apply with or without the 54th Street Design Option or 54th Span Design Option.

Table D-3 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the Tacoma Segment[1]

Resource	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street
Puyallup River Levees	*De minimis*	*De minimis*	*De minimis*	*De minimis*

Note:
(1) Preliminary Section 4(f) use determinations apply with or without the Portland Avenue Design Option.

2 INTRODUCTION

This appendix provides the documentation necessary to support determinations required to comply with the provisions of Section 4(f) of the Department of Transportation Act of 1966, as amended (codified in 49 United States Code 303, implemented by 23 Code of Federal Regulations [CFR] Part 774, and generally referred to as "Section 4(f)"), which protects publicly owned and publicly accessible parks, recreation areas, and wildlife and waterfowl refuges as well as historic and cultural resources. This Section 4(f) evaluation is also in accordance with the Federal Highway Administration (FHWA) Technical Advisory T6640.8A (FHWA 1987) and the revised FHWA Section 4(f) Policy Paper (FHWA 2012), which are the basis for Federal Transit Administration (FTA) guidance on Section 4(f).

Section 4(f) generally prohibits U.S. Department of Transportation (DOT) agencies, including the FTA, from approving projects that would use land from:

> …a significant publicly owned park, recreation area or wildlife and waterfowl refuge or any significant historic site, unless there is no feasible and prudent alternative to the use of land from the property and the action includes all possible planning to minimize harm to the property resulting from the use.

A use is generally defined as a transportation activity that permanently or temporarily acquires land from a Section 4(f) property or that substantially impairs the important activities, features, or attributes that qualify the property as a Section 4(f) resource (23 CFR 774.17).

Section 4(f) applies to publicly owned parks and recreation areas that are open to the public; publicly owned wildlife and waterfowl refuges; and historic sites of national, state, or local significance. The DOT regulations for Section 4(f) define historic properties as those listed in or eligible for the National Register of Historic Places (NRHP). Protected activities, features, or attributes can be typical park and recreation activities, such as walking, hiking, or camping, or more organized sports like soccer, softball, or tennis. Parks can also be fairly passive in nature. Refuges include publicly owned land, including waters, where the major purpose of such land is the conservation, restoration, or management of endangered species, their habitat, and other wildlife and waterfowl resources and their habitat (23 CFR 774.11).

This appendix includes the following:

- A description of the proposed action and the purpose and need for the project.
- A description of Section 4(f) and the process for evaluating the use of a Section 4(f) resource.
- The identification of potential Section 4(f) resources within the TDLE study area.
- An evaluation of the potential for TDLE to result in a use of Section 4(f) resource, including permanent incorporation, temporary occupancy, or constructive use.

- Consideration whether identified uses of Section 4(f) properties may be determined to be a *de minimis* impact.
- An evaluation of whether there are any feasible and prudent alternatives that would avoid the use of Section 4(f) properties.
- The identification of potential measures to minimize harm resulting from unavoidable adverse impacts on Section 4(f) resources.
- A description of the coordination with officials with jurisdiction over Section 4(f) resources.

2.1 Proposed Action

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing to build and operate the TDLE, which would expand the regional light rail system approximately 10 miles south from Federal Way in King County to Tacoma in Pierce County. The location of the project is unique within the Puget Sound Region due to its proximity to Sea-Tac International Airport to the north and Joint-Base Lewis-McChord to the south. The TDLE corridor would cross the ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), four cities, and parts of two counties and pass just south of the Port of Tacoma.

The project includes:

- Approximately 10 miles of dedicated guideway. Most of the guideway would be elevated and there would be no at-grade vehicle or pedestrian crossings. The guideway extends through unincorporated Pierce County, the cities of Federal Way, Milton, Fife, and Tacoma, and reservation lands of the Puyallup Tribe of Indians.
- A total of four stations, including one in South Federal Way, one in Fife, and two in Tacoma (one near Portland Avenue and one near the Tacoma Dome area).
- A rail-only fixed-span bridge crossing the Puyallup River.
- Parking facilities with approximately 500 stalls each at the South Federal Way and Fife stations in either surface or garage park-and-ride configurations.

The TDLE build alternatives are evaluated in four segments: Federal Way, South Federal Way, Fife, and Tacoma and are shown on Table D-4 and on Figure D-1.

Table D-4 Summary of TDLE Build Alternatives and Station and Design Options Evaluated in Draft Environmental Impact Statement

Alternative	Station Name	Station Location
Federal Way Segment		
FW Preferred Enchanted Parkway	Not applicable	Not applicable
FW Preferred Enchanted Parkway with FW Design Option[1]	*Not applicable*	*Not applicable*

Table D-4 Summary of TDLE Build Alternatives and Station and Design Options Evaluated in Draft Environmental Impact Statement (continued)

Alternative	Station Name	Station Location
South Federal Way Segment[2, 3]		
SF Enchanted Parkway	SF Enchanted Parkway Station	Enchanted Parkway S and S 352nd Street
	SF 352nd Span Station Option	*Enchanted Parkway S spanning S 352nd Street*
SF I-5	SF I-5 Station	I-5 and S 356th Street
SF 99-West[4]	SF 99-Enchanted Station	Enchanted Parkway S and S 352nd Street
SF 99-West[4] with Porter Way Design Option	*SF 99-Enchanted Station*	*Enchanted Parkway S and S 352nd Street*
SF 99-East[4]	SF 99-352nd Station	Between S 352nd Street and S 356th Street east of SR 99
SF 99-East[4] with Porter Way Design Option	*SF 99-352nd Station*	*Between S 352nd Street and S 356th Street east of SR 99*
Fife Segment[2]		
Fife Pacific Highway	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*West of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Spanning 54th Avenue between Pacific Highway and 12th Street E*
Fife Pacific Highway Median (Fife Median)	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*Design option for guideway alignment would be slightly further south between 54th and 51st Avenue E, with the station option west of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Design option for guideway alignment would be slightly further south between 59th and 51st Avenue E, with the station option spanning 54th Avenue between Pacific Highway and 12th Street E*
Fife I-5	Preferred Fife Station	59th Avenue E between 15th Street E and 12th Street E
	Fife 54th Avenue Station Option	*Design option for guideway alignment would be slightly further south between 54th and 52nd Avenue E, with the station option west of 54th Avenue E between Pacific Highway and 12th Street E*
	Fife 54th Span Station Option	*Design option for guideway alignment would be slightly further south between 59th and 52nd Avenue E, with the station option spanning 54th Avenue between Pacific Highway and 12th Street E*

Table D-4 Summary of TDLE Build Alternatives and Station and Design Options Evaluated in Draft Environmental Impact Statement (continued)

Alternative	Station Name	Station Location
Tacoma Segment		
Preferred Tacoma 25th Street-West	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Preferred Tacoma 25th Street-West Station	Above E 25th Street between East G Street and East D Street
Tacoma 25th Street-East	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma 25th Street-East Station	Above E 25th Street between McKinley Avenue E and East G Street
Tacoma Close to Sounder	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma Close to Sounder Station	Adjacent to Sounder right-of-way at East G Street and E 25th Street
Tacoma 26th Street	Preferred Portland Avenue Station	E 26th Street and E Portland Avenue
	Portland Avenue Span Station Option	*Spanning E Portland Avenue north of E 26th Street*
	Tacoma 26th Street Station	Above E 26th Street at East D Street

Notes:
(1) Design and station options are shaded and shown in *italics*.
(2) Parking at the stations in South Federal Way and Fife may be deferred until 2038. Depending on funding availability, however, some amount up to 500 spaces may be provided between 2035 and 2038.
(3) SF is used as the abbreviation for South Federal Way in the alternative and station naming.
(4) The SF 99-Enchanted and SF 99-352nd station locations could be paired with either of the SF 99 alternatives.

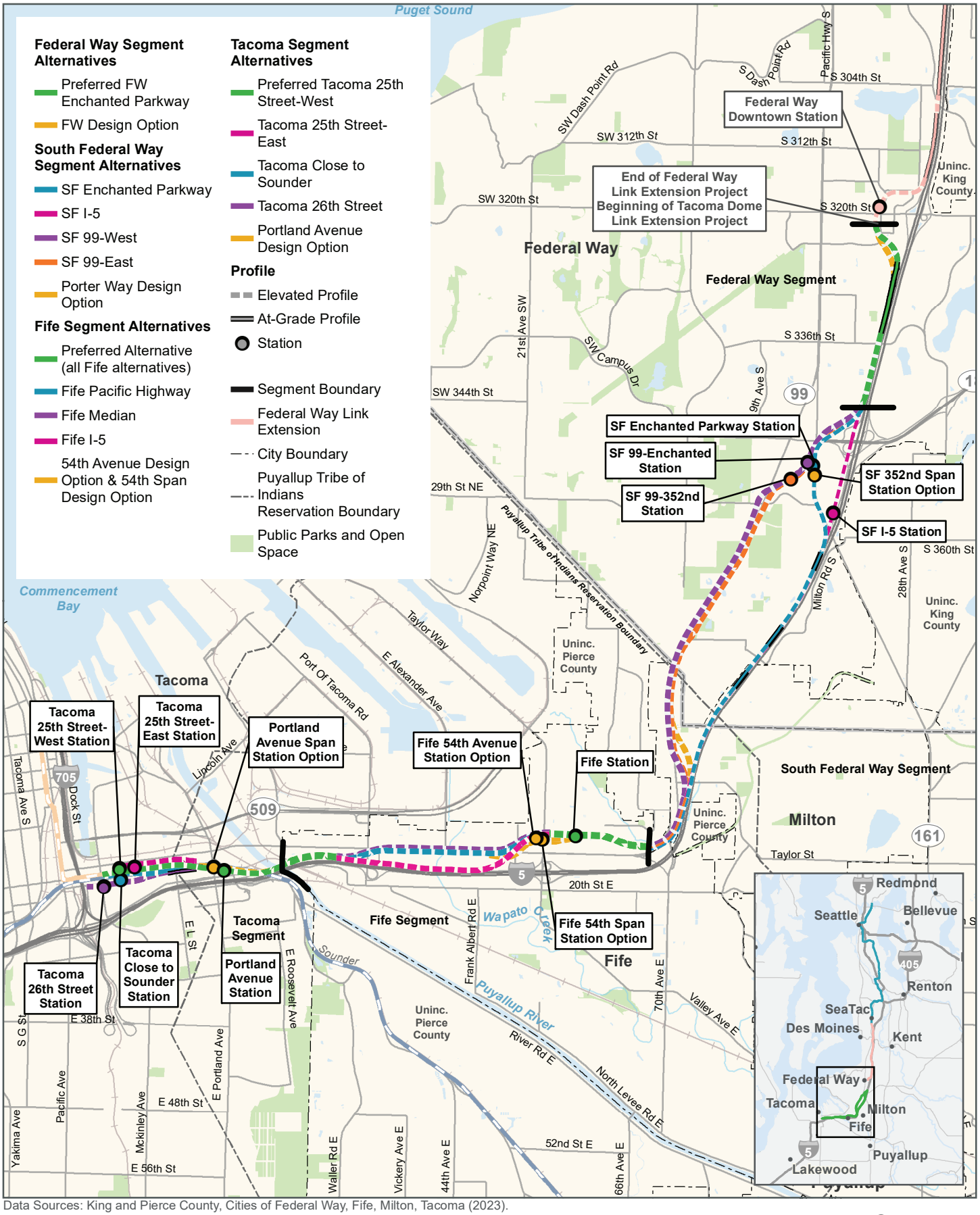

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE D-1
TDLE Build Alternatives by Segments

N

0 1 2 Miles

Tacoma Dome Link Extension

2.2 Purpose of TDLE

The purpose of TDLE is to expand the Link light rail system from the Federal Way Downtown Station to the Tacoma Dome Station area to:

- Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the Sound Transit 3 Plan (Sound Transit 2016).
- Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Downtown Station to the Tacoma Dome Station area to meet projected transit demand.
- Connect the lands of the Puyallup Tribe of Indians and the cities of Federal Way, Milton, Fife, and Tacoma to regional centers and destinations on the regional high-capacity transit system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014).
- Implement a system that is technically and financially feasible to build, operate, and maintain.
- Expand mobility for the corridor and region's residents, which include transit-dependent, low-income, and minority populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Equitable Transit Oriented Development Policy and Sustainability policies (Sound Transit 2018 and 2019).
- Encourage convenient and safe nonmotorized access to stations, such as bicycle and pedestrian connections, consistent with Sound Transit's System Access Policy (Sound Transit 2013).
- Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.

2.3 Need for TDLE

The project is needed because:

- Chronic roadway congestion on I-5 and SR 99 — two primary north-south highways connecting communities along the corridor — delays today's travelers, including those using transit, and degrades the reliability of bus service traversing the corridor, particularly during commute periods.
- These chronic, degraded traffic conditions are expected to continue to worsen as the region's population and employment grow.
- PSRC, the regional metropolitan planning organization, and local plans call for high-capacity transit in the corridor consistent with VISION 2050 (PSRC 2020) and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014).
- South King and Pierce county residents and communities, including transit-dependent, low-income, and minority populations, need long-term regional mobility and multimodal connectivity, as called for in the Washington State Growth Management Act (Revised Code of Washington 36.70A.108).

- Regional and local plans call for increased residential and/or employment density at and around high-capacity transit stations and for increased options for multimodal access.
- Environmental and sustainability goals of the state and region, as established in Washington state law and embodied in PSRC's VISION 2050 and The Regional Transportation Plan – 2018 (PSRC 2018), include reducing greenhouse gas (GHG) emissions by decreasing vehicle miles traveled (VMT).

Chapter 1 of the Draft Environmental Impact Statement (EIS) describes the need for TDLE in greater detail.

2.4 Definition of Section 4(f) Use

The use of a Section 4(f) property can occur when there is a permanent incorporation, temporary occupancy, or constructive use.

Permanent incorporation would acquire or incorporate all or part of a Section 4(f) property as part of the transportation facility.

Temporary occupancy occurs when the project temporarily occupies any portion of the resource, typically during construction. Temporary occupancy is not a Section 4(f) use if all the following conditions outlined in 23 CFR 774.13(d) are met:

- The duration must be temporary, *i.e.,* less than the time needed for the construction of the project, and there should be no change in ownership of the land;
- The scope of the work must be minor, *i.e.*, both the nature and the magnitude of the changes to the Section 4(f) property are minimal;
- There are no anticipated permanent adverse physical impacts, nor will there be interference with the protected activities, features, or attributes of the property, on either a temporary or permanent basis;
- The land being used must be fully restored, *i.e.*, the property must be returned to a condition which is at least as good as that which existed prior to the project; and
- There must be documented agreement of the official(s) with jurisdiction over the Section 4(f) resource regarding the above conditions.

If these criteria are met, then the "temporary occupancy exception" applies, meaning that the temporary occupancy of the land is so minimal that it does not constitute a use within the meaning of Section 4(f). If the criteria are not met, the temporary occupancy is evaluated in the same manner as a permanent use. A temporary occupancy, wherein impacts do not meet the exception criteria and are greater than *de minimis,* is considered an individual use and necessitates an evaluation of whether there is a feasible and prudent avoidance alternative.

Constructive use can occur when the project does not result in a permanent incorporation or temporary occupancy of the Section 4(f) resource, but the project has proximity-related impacts that substantially impair the protected activities, features, or attributes of a property. For example, a constructive use could occur if a transportation project would increase noise levels that would substantially interfere with the use of a noise sensitive feature, such as a campground or outdoor amphitheater, or where a transportation project would block the views of a park property that is primarily a scenic viewpoint (23 CFR 774.15).

A use may be approved if FTA makes a ***de minimis*** impact determination, which is a finding that the permanent incorporation or temporary occupancy of the project would not adversely affect the features, attributes, or activities that make the Section 4(f) property significant based on a consideration of impacts and mitigation measures. A *de minimis* impact determination for a park, recreation area, wildlife, or waterfowl refuge can only be made after receipt and consideration of public comment, and after FTA receives written concurrence from the official(s) with jurisdiction. A *de minimis* impact determination for a historic resource necessitates prior written concurrence from the applicable State Historic Preservation Officer (SHPO) (or Tribal Historic Preservation Officer) of "no adverse effect" or "no historic properties affected" under Section 106, and the SHPO (or Tribal Historic Preservation Officer) must be informed of the project proponent's intent to make a *de minimis* impact determination. If a *de minimis* impact determination is made for a Section 4(f) resource, an assessment of potential avoidance alternatives is not required.

2.5 Approval of Projects That Use Section 4(f) Property

As the federal lead agency, the FTA may not approve a transportation use of a Section 4(f) property unless a determination is made that:

- The use of the property (permanent incorporation, temporary occupancy, constructive use) meets the requirements for a regulatory exception established under Section 4(f) (23 CFR 774.13). For instance, a temporary occupancy can be allowed if it meets the requirements described above.

Or:

- The use, including any measures to minimize harm, will have a *de minimis* impact on the property.

Or:

- There is no feasible and prudent avoidance alternative to using the property; and
- The program or project includes all possible planning to minimize harm to the property resulting from the use (23 CFR 774.3).

2.6 Study Area

Section 4(f) resources are identified within the project's study area. For parks and recreation resources and wildlife and waterfowl refuges analysis (Section 4.17 of the Draft EIS), the study area is within 250 feet (about one block) from the light rail alignment and station footprint. For historic properties and archaeological sites, the study area is the area of potential effects (APE), which is the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties identified under Section 106 of the National Historic Preservation Act (Section 4.16 of the Draft EIS). This evaluation also considers the Draft EIS analyses from other environmental investigations, including Acquisitions, Displacements, and Relocations; Transportation; Land Use; Noise and Vibration; and Visual and Aesthetic Resources, where they identify potential impacts that extend beyond the parks and recreation or historic and archaeological study areas.

3 SECTION 4(F) RESOURCES IN THE TDLE STUDY AREA

This draft Section 4(f) Evaluation identified and considered the potential use of significant publicly owned parks and recreation areas and NRHP-eligible historic properties as well as the potential for constructive use. Consideration under Section 4(f) is not required when the official(s) with jurisdiction over a park, recreation area, or wildlife and waterfowl refuge determine that the property, considered in its entirety, is not significant. In the absence of a significance determination by the official with jurisdiction, FTA assumes the resource is significant.

Sound Transit also reviewed existing public agency records and plans, performed field inspections, and will continue to coordinate with the agencies that own or have jurisdiction over the resources, as needed. Sound Transit's draft Section 4(f) Evaluation is also informed by the research and coordination for Section 106 of the National Historical Preservation Act, which identify important features, qualities, and characteristics of potential historic resources.

Section 4(f) applies equally to the use of traditional cultural properties (TCPs) as historic properties. There are currently no formally designated TCPs in the study area. Sound Transit and FTA will continue to coordinate on potential TCPs as the project moves forward.

The Section 4(f) resources in the vicinity of TDLE are shown by segment in Figures D-2 through D-5 and listed in Tables D-2 through D-4.

There are two planned trails within the study area, the Interurban Trail connection and the sp yal pa š Trail (Tacoma to Puyallup Regional Trail), that are used by both commuters and recreationists and have been determined to be part of the transportation system and function primarily for transportation; recreation is a secondary use. Therefore, these trails are not subject to Section 4(f) protection pursuant to 23 CFR 774.13(f)(4).

A summary of the Section 4(f) status of the parks and recreational resources in the study area is included in Attachment D.1. More information about the parks and recreational resources in the study area can be found in Section 4.17, Parks and Recreational Resources. More information about historic and archaeological resources can be found in Section 4.16, Historic and Archaeological Resources, and Appendix J.5, Historic and Archaeological Resources Technical Report.

3.1 Parks and Open Space Resources

As described above, Section 4(f) protects parks and recreation areas of national, state, or local significance that are both publicly owned and open to the public. According to the Section 4(f) Policy Paper (FHWA 2012), the term "significant" under Section 4(f) means that, in comparing the availability and function of the park, recreation area, or wildlife and waterfowl refuge with the park, recreation, or refuge objectives of the agency, community or authority, the property in question plays an important role in meeting those objectives. The determination of whether a resource is "significant" is made by the official(s) with jurisdiction over the property. If an official determines that a park, recreation area, or wildlife and waterfowl refuge is not significant, Section 4(f) does not apply.

Sound Transit identified one developed public park (Cedar Grove Park in Federal Way), one planned park (Cappa Park in Fife), and the West Hylebos Osaka Property (in Milton) within the study area that are assumed to qualify as Section 4(f) properties. Those properties are described below and identified on Figures D-2 through D-5. Additional information and preliminary determinations regarding significance and Section 4(f) use is included in Attachment D.1.

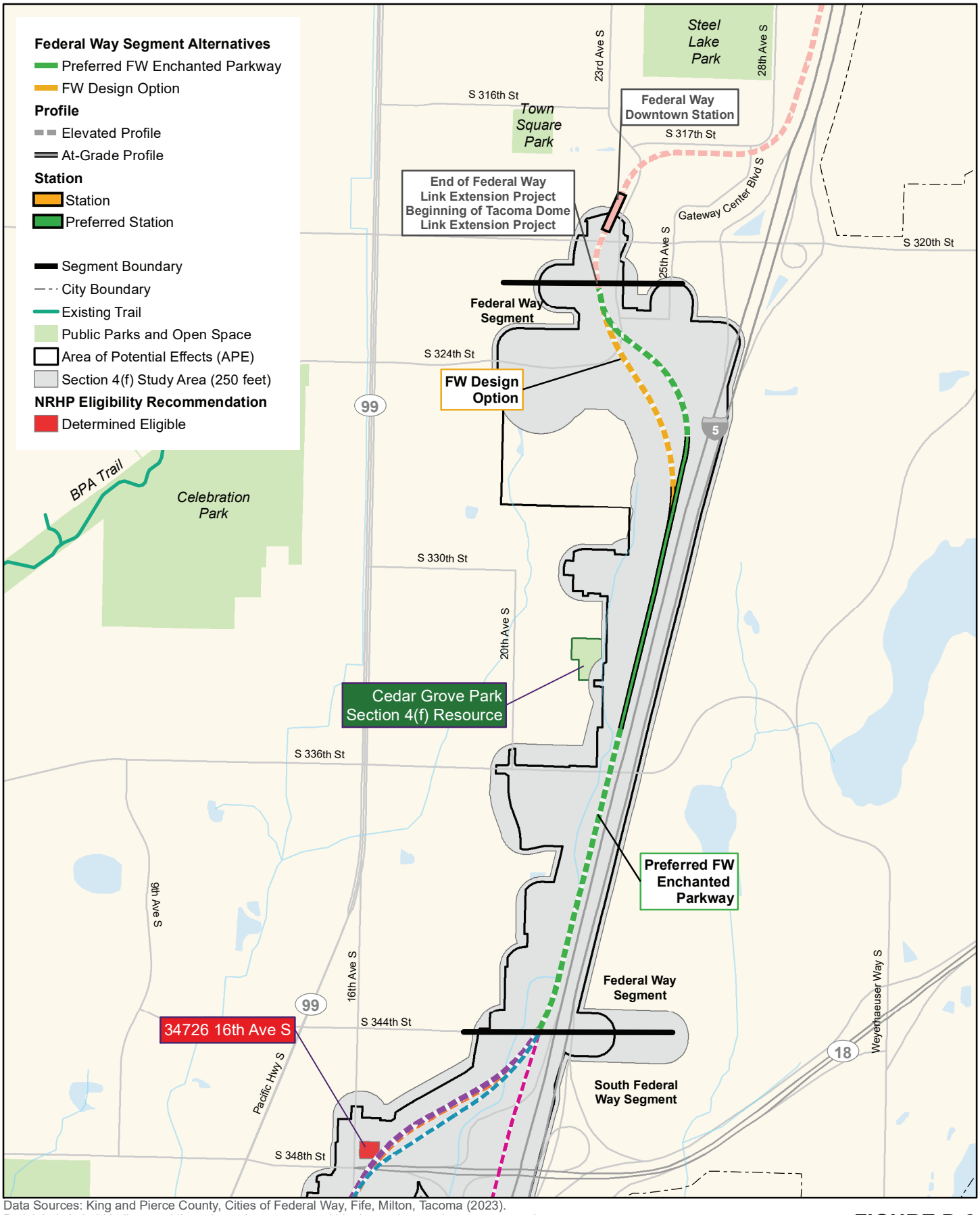

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Park labels in bold indicate public parks and open space within the study area that are assumed to qualify as Section 4(f) properties.

N

0 0.5 1 Mile

FIGURE D-2
Section 4(f) Resources
Federal Way Segment

Tacoma Dome Link Extension

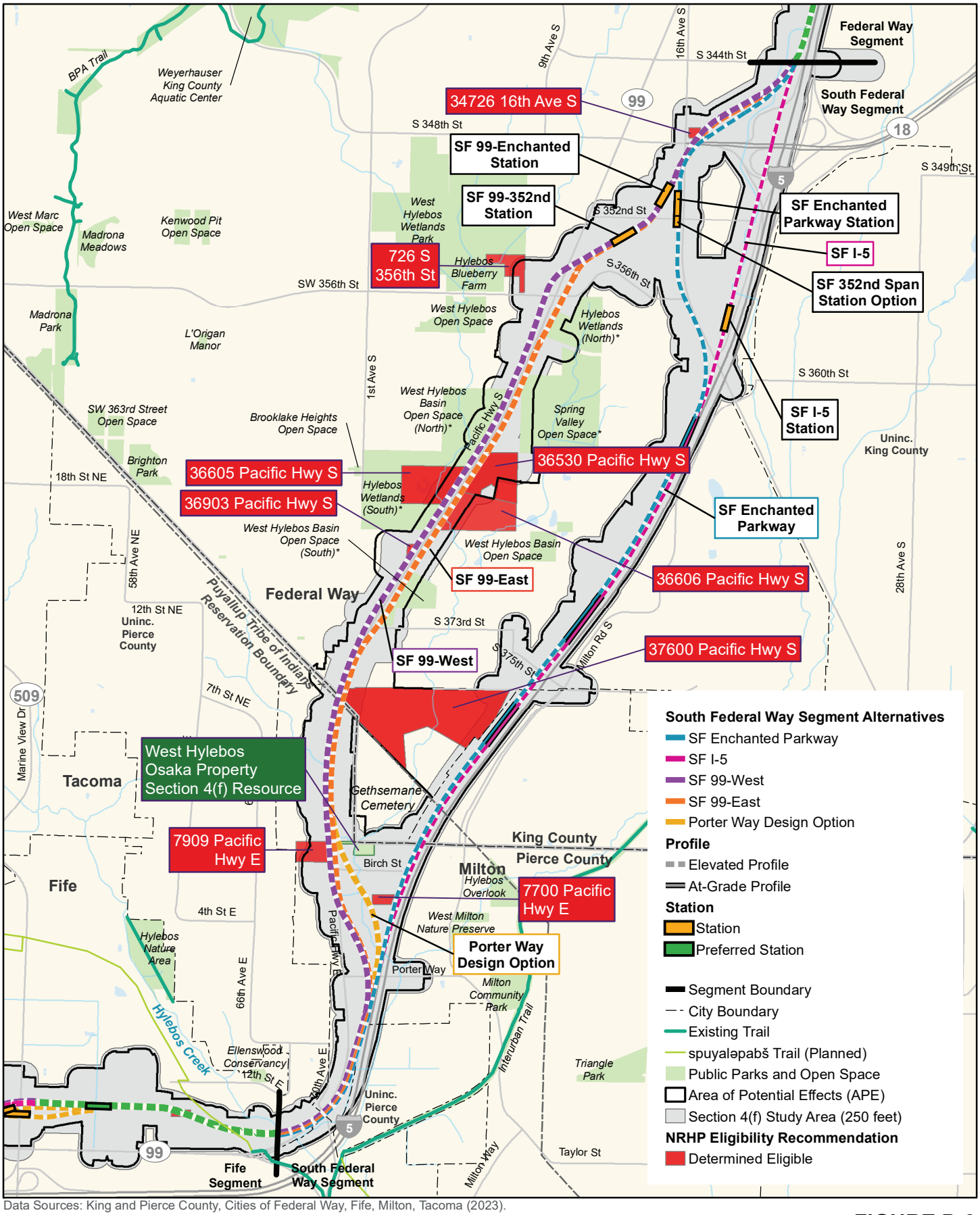

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Park labels in bold indicate public parks and open space within the study area that are assumed to qualify as Section 4(f) properties.
* Collectively known as "Spring Valley Vista Open Space."

FIGURE D-3
Section 4(f) Resources
South Federal Way Segment

Tacoma Dome Link Extension

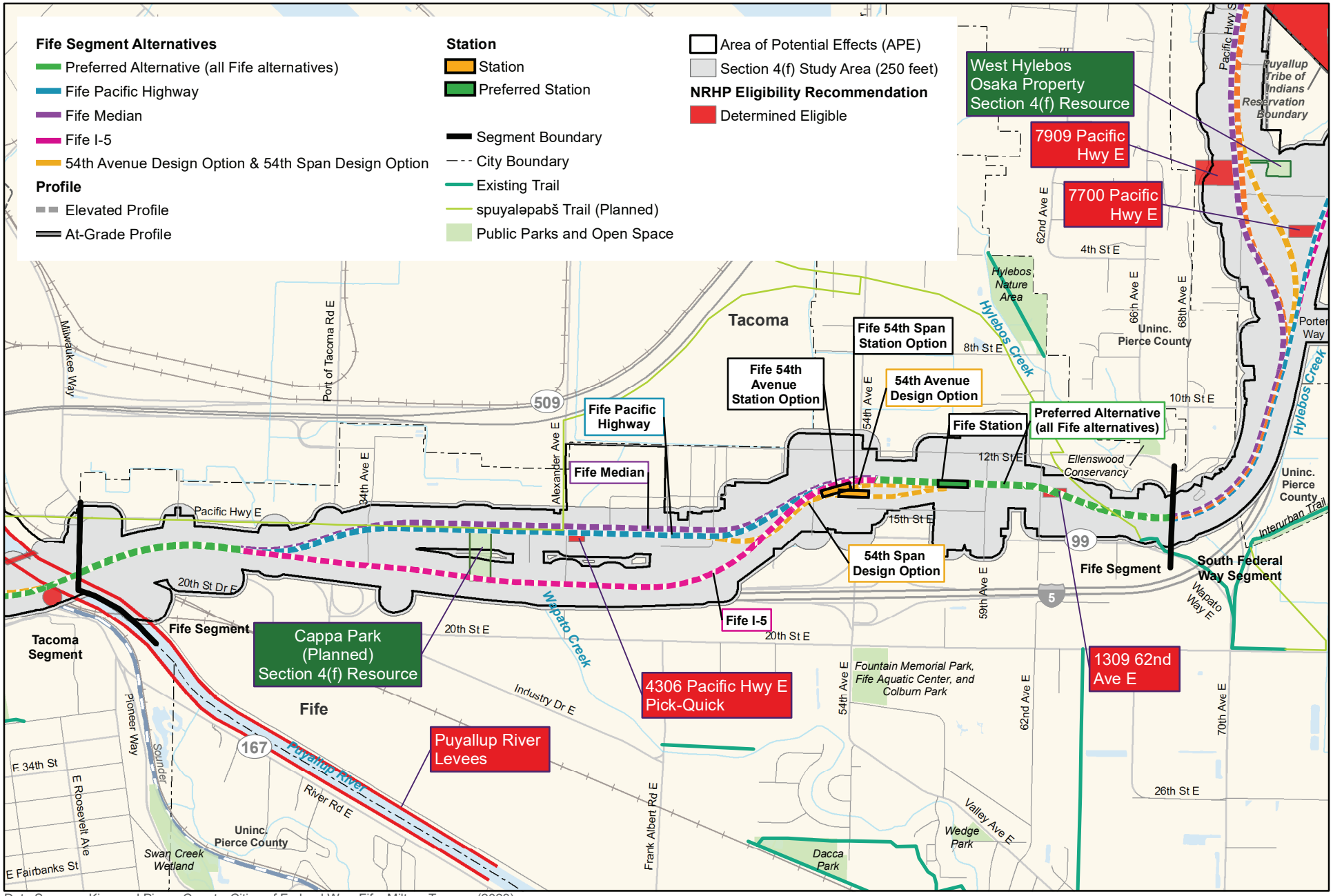

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Park labels in bold indicate public parks and open space within the study area that are assumed to qualify as Section 4(f) properties.

N

0 0.5 1 Mile

FIGURE D-4
Section 4(f) Resources
Fife Segment

Tacoma Dome Link Extension

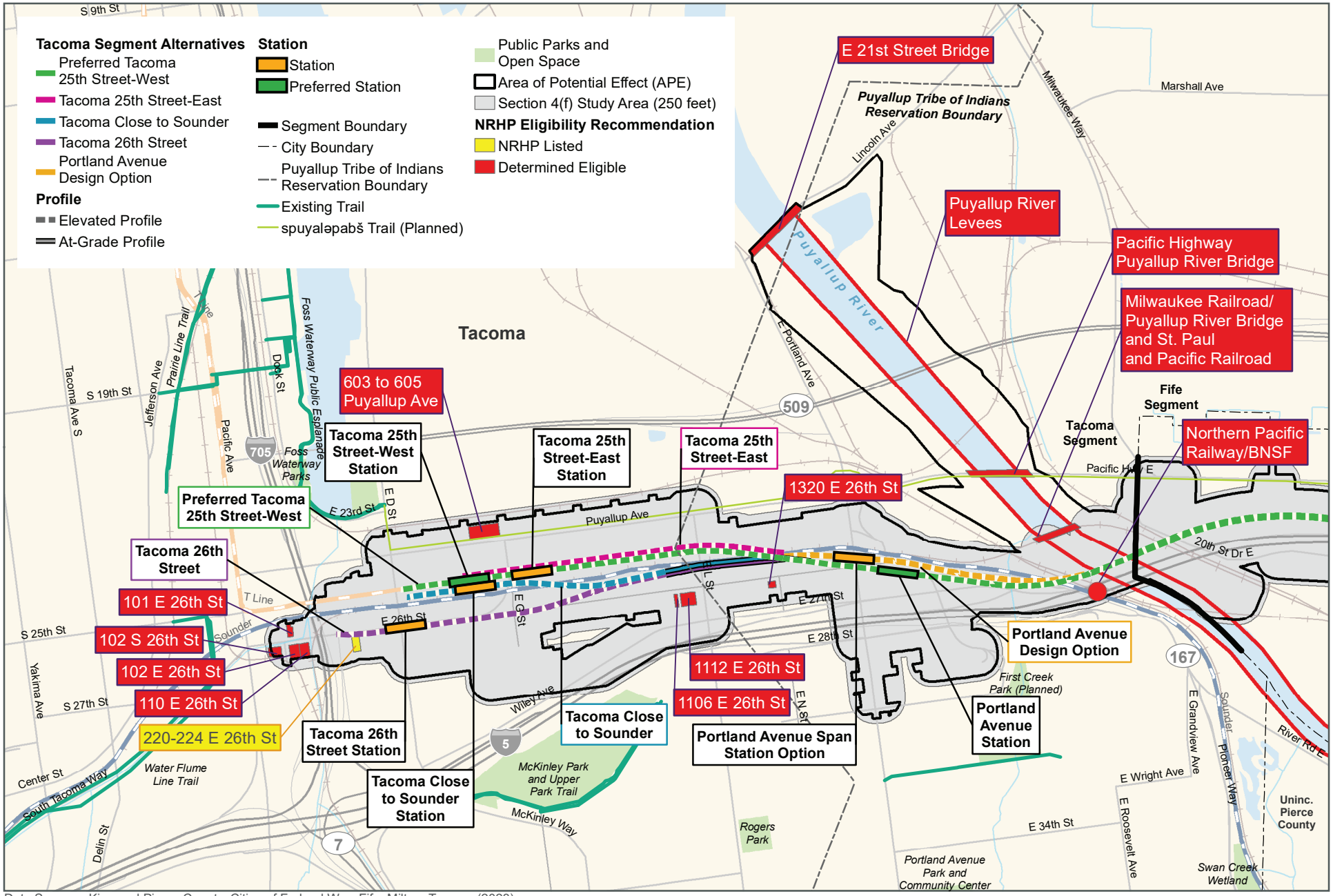

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE D-5
Section 4(f) Resources
Tacoma Segment

Tacoma Dome Link Extension

Several properties owned by the City of Federal Way along Pacific Highway (Hylebos Wetlands (North), Spring Valley Open Space, West Hylebos Basin Open Space (North), Hylebos Wetlands (South), and West Hylebos Basin Open Space (South)), are collectively referred to as Spring Valley Vista Open Space. The City of Federal Way 2019 Parks Recreation and Open Space (PROS) Plan identifies the properties as open space and states that "acquisition of the sites has been primarily by the Public Works Department for the purposes of protection the west branch of Hylebos Creek and managing stormwater. Development of the property with active recreation uses is not likely given that the properties are encumbered with wetlands, streams, and their associated buffers." The 2019 PROS Plan identified a potential future use for walking, birdwatching or other passive environmental appreciation and the City of Federal Way 2023-2029 Capital Improvement Plan includes funding for trails on the properties. In discussion with the City of Federal Way, the City did not provide an opinion whether the Spring Valley Vista Open Space is a Section 4(f) resource. Given that this open space has not been officially designated as park or recreation area or as a wildlife or waterfowl refuge, nor does it include recreation uses, or conservation, restoration, or management of wildlife and waterfowl resources as its primary purpose, FTA determined that Spring Valley Vista Open Space does not qualify as a Section 4(f) resource.

Federal Way Segment

Cedar Grove Park

Cedar Grove Park is a 2.7-acre neighborhood park in the City of Federal Way (Figure D-6). It includes a playground, picnic facilities, grassy open space, paved trails, and a basketball court. It is primarily surrounded by single-family residential homes, is buffered by large trees and vegetation, and is accessible via S 333rd Street and various paths through the adjacent neighborhood.

Figure D-6 Cedar Grove Park

South Federal Way Segment

West Hylebos Osaka Property

The City of Milton's 2024 Parks, Recreation, and Open Space Plan (2024 PROS Plan) identifies the Osaka Property as a natural area, which provides visual and psychological relief from man-made development, while providing ecological functions such as stormwater infiltration and wildlife habitat. The Plan describes that low-impact facilities such as walking trails, benches, and environmental interpretive panels may be incorporated to allow for access and engagement with nature (Figure D-7). It also acknowledges the value in leaving these acres untouched in order to preserve open space and maximize ecological function. As part of ongoing coordination, the

City of Milton has concurred on a preliminary determination that the property is significant under Section 4(f) (letter of concurrence on August 15, 2024). After the issuance and public comment on the Draft EIS, FTA will request final concurrence in writing by the City.

Based on the inclusion of the West Hylebos Osaka Property in the 2024 PROS Plan, coordination and concurrence from the City of Milton about the significance of the property, FTA is considering this property to be eligible for protection under Section 4(f).

Source: King County, Pierce County, City of Edgewood, City of Federal Way, City of Fife, City of Milton, City of Tacoma, and ESRI

Figure D-7 West Hylebos Osaka Property

Fife Segment

Cappa Park (Planned)

In 2020, the City of Fife acquired three parcels, totaling 4.2 acres, located between I-5 and Pacific Highway, just east of the Puyallup Tribal Integrative Medical building. The 4.2-acre property is currently developed with a single-family home. In 2022, Fife prepared a Cappa Park Site Master Plan, in conjunction with their 2022 Parks, Recreation, and Open Space Plan (City of Fife 2022a and 2022b). The Cappa Park Site Master Plan proposes an outdoor swimming pool and permanent building structures to accommodate supporting amenities, as well as parking and a small pocket park with a playground and walking path, all with egress from Pacific Highway E. All Fife Segment alternatives would be adjacent to the planned park.

3.2 Wildlife and Waterfowl Refuges

No designated wildlife and waterfowl refuges of national, state, or local significance have been identified in the study area.

3.3 Historic and Archaeological Resources

Section 4.16 of the Draft EIS, Historic and Archaeological Resources, and Appendix J5, the associated Technical Report, provide information on historic properties and archaeological sites in the TDLE APE.

There are five previously identified historic period built environmental resources that have been listed or found eligible for listing in the NRHP within the TDLE APE, including a historic firehouse

(Engine House 4); three historic bridges; and a former railroad trestle that has since been demolished. Sound Transit conducted field surveys as part of this environmental review and identified 21 additional resources in the APE that FTA determined are eligible for listing in the NRHP and SHPO concurred. The NRHP-eligible and recommended eligible historic properties are identified in Tables D-2 through D-4 and shown on Figures D-2 through D-5. No NRHP-eligible properties were identified in the Federal Way Segment.

There are two previously documented archaeological sites within the APE that may be used by TDLE and have been determined eligible for listing in the NRHP. Sound Transit conducted archaeological field surveys as part of this environmental review and found two additional archaeological sites within the APE that are recommended eligible for listing. Three of the four archaeological sites are eligible under Section 106 Criterion D, because they are likely to yield information important in prehistory or history. One of the archaeological sites, Site 45KI1586 is eligible for listing in the NRHP under Criterion A, for its association with events of National, State, and Local importance. Archaeological resources that are on or eligible for listing in the NRHP and warrant preservation in place are subject to Section 4(f). Sites that are eligible only under Criterion D typically do not warrant preservation in place and are not subject to Section 4(f) unless FTA makes a determination otherwise. The location of some potentially affected archaeological sites is sensitive information and not shown in the associated figures. It is possible additional eligible archaeological sites may be discovered during additional preconstruction surveys and construction. If archaeological sites are discovered during construction, FTA would determine if a Section 4(f) evaluation is necessary or if an exception applies.

South Federal Way Segment

Denny's Restaurant

Denny's Restaurant, located at 34726 (Figures D-8 to D-9), is eligible for listing in the NRHP under Criterion C, based on its significance as an example of the Shed style as well as its high level of integrity, with a period of significance dating to its construction in 1978.

Figure D-8 34726 16th Avenue S, view southeast

Figure D-9 34726 16th Avenue S, view northwest

Brooklake Community Center

The Brooklake Community Center (Figures D-10 to D-13), located at 726 S 356th Street, is eligible for listing in the NRHP under Criteria A and C, with a period of significance dating to its construction, ca. 1929.

Figure D-10 726 S 356th Street, view northwest

Figure D-11 726 S 356th Street, view southwest

Figure D-12 726 S 356th Street, view north

Figure D-13 726 S 356th Street, view northeast

Montessori Academy at Spring Valley

The Montessori Academy at Spring Valley is an elementary school located at 36605 Pacific Highway S, on a large parcel that is bisected by a stream and includes an assemblage of buildings: the primary building, secondary buildings, a residence, a “natatorium” or “pool house,” and associated outbuildings, collectively referred to as the school campus (Figures D-14 to D-33). The school campus, bound by the current parcel boundary, is eligible for listing in the NRHP as a locally significant historic district under Criteria A, B, and C, with a period of significance dating from 1960.

Figure D-14 36605 Pacific Highway, Classrooms 1, 2, and 3, view south

Figure D-15 36605 Pacific Highway, Classrooms 1, 2, and 3, view north

Figure D-16 36605 Pacific Highway, Classrooms 4, view south

Figure D-17 36605 Pacific Highway, Classrooms 4, view west

Figure D-18 36605 Pacific Highway, Classrooms 5, view east

Figure D-19 36605 Pacific Highway, Classrooms 5, view southwest

Figure D-20 36605 Pacific Highway, Classrooms 6 and 7, view north

Figure D-21 36605 Pacific Highway, Classrooms 6 and 7, view southeast

Figure D-22 36605 Pacific Highway, Classrooms 6 and 7, Garage, view north

Figure D-23 36605 Pacific Highway, Classrooms 6 and 7, Wellhouse, view west

Figure D-24 36605 Pacific Highway, Classrooms 8 and 9, view east

Figure D-25 36605 Pacific Highway, Classrooms 8 and 9, view north

Figure D-26 36605 Pacific Highway, Residence, view west

Figure D-27 36605 Pacific Highway, Residence, view northeast

Figure D-28 36605 Pacific Highway, Residence, view southeast

Figure D-29 36605 Pacific Highway, natatorium, view east

Figure D-30 36605 Pacific Highway, Natatorium, view southwest

Figure D-31 36605 Pacific Highway, Conference Room, view north

Figure D-32 36605 Pacific Highway, Conference Room, view southeast

Figure D-33 36605 Pacific Highway, Conference Room Storage, view northeast, courtesy of the King County Assessor

Stables and Residences at 36530A Pacific Highway S

The two parcels located at 36530A Pacific Highway S include a number of buildings and structures associated with a horse-boarding stable, known as K.C.J. Stables, that were constructed in 1980 or earlier (Figures D-34 and D-35). The buildings are all set back 70 feet or more from the roadway and screened from view by mature trees. The stables and residences are eligible for listing in the NRHP under Criteria A and B, with a period of significance for the resource presumed to date to 1900.

Figure D-34 36530A Pacific Highway S, courtesy of the King County Assessor

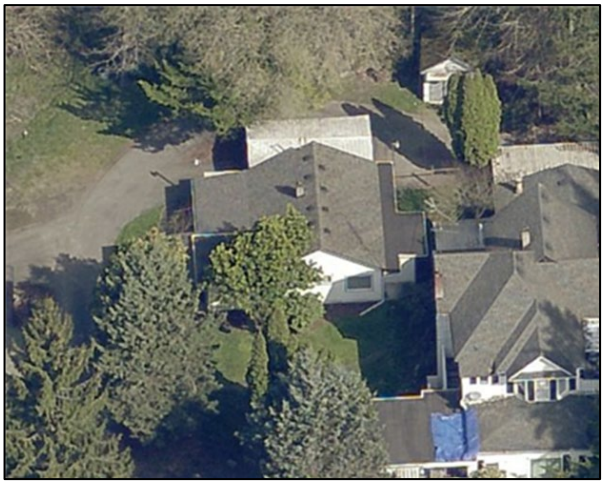

Figure D-35 Aerial of 36530A Pacific Highway S, courtesy of the King County Assessor

Residence and Guest House at 36606 Pacific Highway S

The primary residence and guest house at 36606 Pacific Highway S were constructed in 1947 and other outbuildings (garage, barn, storage structure, etc.) were added to the parcel later (Figures D-36 to D-39). The parcel is eligible for listing in the NRHP and Washington Heritage Register (WHR) under Criterion C, pending survey and inventory. The period of significance is presumed to date to its construction in 1947.

Figure D-36 Undated photo of 36606 Pacific Highway S, courtesy of the King County Assessor

Figure D-37 36606 Pacific Highway S, courtesy of Redfin.com

Figure D-38 36606 Pacific Highway S, courtesy of Redfin.com

Figure D-39 36606 Pacific Highway S, courtesy of Redfin.com

Residence at 36903 Pacific Highway S

The residence at 36903 Pacific Highway S was constructed in 1921 and is eligible for listing in the NRHP and WHR under Criterion C, pending survey and inventory (Figures D-40 and D-41). The period of significance for the resource is presumed to date to its construction in 1921.

Figure D-40 36903 Pacific Highway S, undated, courtesy of the King County Assessor

Figure D-41 36903 Pacific Highway S, undated, courtesy of the Redfin.com

Site 45KI1586

Site 45KI1586 is located to the west of I-5 and north of the King-Pierce county line. Site 45KI1586 is located on land that was formerly owned by the Catholic Church and used as part of the St. George's Indian School operations, currently within WSDOT right-of-way. Artifacts observed within Site 45KI1586 include a variety of domestic items as well as items that are likely debris from nearby construction and/or transportation activities. Domestic items include a metal pail, broken enamel ware pot, miscellaneous metal fragments, a complete milk bottle and a blue "fiesta ware" ceramic fragment that date in production to the period between the 1930s and 1940s, when the St. George's Indian School remained in operation. Indian boarding schools such as St. George's have recently gained prominence in National history with the discovery of unmarked burials at multiple Indian boarding school locations across North America. The artifacts identified in site 45KI1586 may be directly associated with operations at the St. George's Indian School. As a result, Site 45KI1586 is significant under Criterion A for its association with events of National, State and Local importance.

Gethsemane Catholic Cemetery

The Gethsemane Catholic Cemetery is located on two parcels addressed as 37600 Pacific Highway S (Figures D-42 through D-45). It is a designated historic landscape with functionally related units (Mortuary and Mausoleums) under Criteria A and C because it is the location of a relatively peaceful protest that resulted in the return of culturally significant land to the Puyallup Tribe as well as a relatively intact example of a smaller mid-20th-century memorial park.

Figure D-42 37600 Pacific Highway S, view southwest

Figure D-43 37600 Pacific Highway S, view south

Figure D-44 37600 Pacific Highway S, view northeast

Figure D-45 37600 Pacific Highway S, view southwest

Daffodil Motel

The Daffodil Motel, located at 7909 Pacific Highway E, consists of three buildings around an internal courtyard, with a large neon sign located on the edge of the highway (Figures D-46 to D-48). The sign is double-sided and is made up of a blade sign beside a figurative daffodil topped by a cloud-like form. The sign reads “Daffodil Motel.” An attached marquis vacancy sign reads “Special/Always Free/Movies/New Releases/922-7000” and includes an arrow. Based on its architectural significance as a relatively intact roadside motel, 7909 Pacific Highway E is eligible for listing in the NRHP and WHR at the local level under Criterion C. The building’s significance dates to its construction ca. 1948.

Figure D-46 7909 Pacific Highway E, view northwest

Figure D-47 7909 Pacific Highway E, view northwest

Figure D-48 7909 Pacific Highway E, view west

Commercial Building at 7700 Pacific Highway E

The showroom at 7700 Pacific Highway is eligible for listing in the NRHP and WHR at the local level under Criterion C as an example of roadside architecture (Figures D-49 and D-50). The building's significance dates to its construction in 1978.

Figure D-49 7700 Pacific Highway E, view southeast

Figure D-50 7700 Pacific Highway E, view south

Fife Segment

Residence at 1309 62nd Avenue E

The vacant residence located at 1309 62nd Avenue E is eligible for listing on the NRHP under Criteria A, B, and C as a representative example of a Craftsman-inspired farmhouse associated with broad patterns of history, including farming in Fife (Gardenville) and possibly the internment of Japanese Americans during World War II, as well as for its association with significant people, including the Yamasaki family (Figures D-51 and D-52).

Figure D-51 1309 62nd Avenue E, view east

Figure D-52 1309 62nd Avenue E, with Garage to the East, view southeast

Pick-Quick Drive In

The Pick-Quick property, located at 4306 Pacific Highway and currently operating as a drive-in restaurant, is eligible for listing in the NRHP under Criterion A for its associations with mid-century development trends and under Criterion C as an example of roadside architecture (Figures D-53 and D-54).

Figure D-53 4306 Pacific Highway E, view southwest

Figure D-54 4306 Pacific Highway E, view southeast

Tacoma Segment

Puyallup River Crossings and Milwaukee, St. Paul, and Pacific Railroad

Three bridge crossings of the Puyallup River have been determined eligible for listing in the NRHP (Puyallup River Bridge, E 21st Street Bridge, and Milwaukee Railroad Bridge; Figures D-55 through D-57). The Puyallup River Bridge (Pacific Highway E crossing) was determined eligible by FHWA in 2013, and the East 21st Street Bridge (Lincoln Avenue crossing) was determined eligible by FHWA in 2008, but the criteria was undetermined. The Milwaukee Railroad Bridge was determined eligible by FHWA in 2009 based on Criteria A and C, and the Milwaukee, St. Paul, and Pacific Railroad (formerly Tacoma Eastern Railroad) was determined eligible by DAHP in 2021 based on Criteria A.

Figure D-55 Puyallup River Bridge (Pacific Highway E crossing)

Figure D-56 E 21st Street Bridge (Lincoln Avenue crossing)

Figure D-57 Milwaukee Railroad – Puyallup River Bridge

Puyallup River Levees

The Puyallup River, flanked to the east by the City of Fife and to the west by the City of Tacoma, is diked and runs between raised levees on both the east and west banks of the river, which flows north under a series of road and railroad bridges towards Commencement Bay in the vicinity of the APE. The levee sections in the APE are a small part of a much larger flood control system that seeks to limit flooding in the Puyallup River watershed (Puyallup River Watershed Council 2014). Within the APE, the levees appear as earthen berms topped by vegetation and single-lane graveled paths identified as private extensions of N Levee Road E (east bank) and River Road E (west bank) (Figures D-58 and D-59). Based on their significance and integrity, the levees on the banks of the Puyallup River in the APE are eligible for listing in the NRHP under Criterion A for their historic associations with Pierce Country's flood control effort in the Puyallup River Valley.

Figure D-58 Puyallup River Levees, view north from the I-5 Bridge

Figure D-59 Puyallup River Levees, view south from the I-5 Bridge

Northern Pacific Railway/BNSF

The Northern Pacific was significant as the second transcontinental railroad and the first to terminate at the Puget Sound. While the small section of railbed within the APE is part of a much larger whole, it is eligible for listing in the NRHP for its associations with transportation and the development of Tacoma under Criterion A (Figures D-60 and D-61).

Figure D-60 BNSF Rail from I-5, West Bank of the Puyallup River, view north

Figure D-61 BNSF Rail and Bridge from I-5, West bank of the Puyallup River, view south

Engine House 4 – Tacoma Fire Station No. 4

Engine House 4 at 220-224 E 26th Street is a two-story brick firehouse with classically inspired terra cotta details and a prominent four-story hose tower but is no longer operating as a fire station (Figure D-62). It is listed on the NRHP under Criteria A and C, as an early 20th-century fire station.

Figure D-62 Engine House No. 4

1320 E 26th Street

The residence located at 1320 E 26th Street is eligible for listing on the NRHP under Criteria C as an example of a Craftsman bungalow (Figure D-63). Its period of significance dates to its construction in 1914.

Figure D-63 Residence at 1320 E 26th Street, view south

1112 E 26th Street

The residence located at 1112 26th Street is eligible for listing on the NRHP under Criteria C as a good example of an American Foursquare, a subset of Prairie style (Figures D-64 to D-66). Its period of significance dates to its construction in 1903.

Figure D-64 Residence at 1112 E 26th Street, view southwest

Figure D-65 Residence at 1112 E 26th Street, view southeast

Figure D-66 1112 E 26th Street, 1977, courtesy of Tacoma Public Library, view south

1106 E 26th Street

The residence at 1106 E 26th Street has been recommended eligible for listing on the NRHP under Criteria C, as a modest example of a Queen Anne residence (Figures D-67 to D-69). The building's period of significance dates to its construction in 1903.

Figure D-67 Residence at 1106 E 26th Street, view southwest

Figure D-68 Residence at 1106 E 26th Street, view southeast

Figure D-69 1106 E 26th Street, 1977, courtesy of Tacoma Public Library, view south

603-605 Puyallup Avenue

The building located at 603–605 Puyallup Avenue is eligible for listing in the NRHP under Criteria A and C, as a local representation of a streamlined Modern office building and warehouse, with a period of significance dating to its construction ca. 1945 (Figures D-70 to D-73).

Figure D-70 BNSF Freight Warehouse at 603–605 Puyallup Avenue, view northwest

Figure D-71 BNSF Freight Warehouse at 603–605 Puyallup Avenue, view northeast

Figure D-72 603–605 Puyallup Avenue, 1948, view northeast, courtesy of Tacoma Public Library

Figure D-73 603–605 Puyallup Avenue, 1948, view northeast, courtesy of Tacoma Public Library

101 E 26th Street

The building at 101 E 26th Street is eligible for listing in the NRHP and WHR under Criteria A and C as a representative example of an early 20th-century, one-party commercial block, with a period of significance of 1909–1957 (Figures D-74 and D-75).

Figure D-74 Commercial Building at 101 E 26th Street, Facade and East Elevation, view northwest

Figure D-75 Commercial Building at 101 E 26th Street, Facade and East Elevation, view northwest in an undated photograph, image courtesy of the Department of the Interior (2020)

102 S 26th Street

The building at 102 S 26th Street is eligible for listing in the NRHP and WHR under Criteria A and C as a local representation of an Art Deco, one-part commercial block with a period of significance of 1937 (Figures D-76 and D-77).

Figure D-76 Commercial Building at 102 S 26th Street, Facade and West Elevation, view southeast

Figure D-77 Commercial Building at 102 S 26th Street, East Elevation, view west

110 E 26th Street

The building at 110 E 26th Street is eligible for listing in the NRHP and WHR under Criteria A and C as a distinctive manufacturing plant based on its significance and relatively high degree of integrity from the historic period (Figures D-78 and D-79). Its period of significance dates to its construction in 1902.

Figure D-78 Almond Roca Factory at 110 E 26th Street, view southwest

Figure D-79 Original Brown and Haley Factory at 110 E 26th Street, 1948, courtesy of Tacoma Public Library

102 E 26th Street

The building at 102 E 26th Street is eligible for listing in the NRHP and WHR under Criteria A and C as a distinctive New Formalist structure associated with the 1962 World's Fair (Figures D-80 and D-81). Its period of significance dates to its construction in 1962.

Figure D-80 Pavilion at 102 E 26th Street, view southwest

Figure D-81 Pavilion at 102 E 26th Street, view southeast

3.4 Cemeteries

There are two historic cemeteries located within the APE: Gethsemane (archaeological resource ID 45KI866 and property IDs 537584 and 725425) and St. George's (archaeological resource ID 45KI867). They are adjacent to each other between Pacific Highway and I-5 along the King/Pierce county line. Additional information on these cemeteries can be found in Appendix J5, Historical and Archaeological Resources Technical Report.

3.5 Traditional Cultural Properties

Section 4(f) applies equally to the use of TCPs as historic properties. There are currently no formally designated TCPs within the APE. Sound Transit and FTA will continue to coordinate on potential TCPs as the project moves forward.

4 POTENTIAL USE OF SECTION 4(F) RESOURCES

This section summarizes the potential use of Section 4(f) properties in the study area. Where this evaluation concludes there will be no Section 4(f) use, it means the property would not be permanently incorporated into a transportation facility, there would be no temporary occupancy of land that is adverse in terms of the Section 4(f) statute's preservationist purposes, and no proximity impacts would substantially diminish the protected activities, features, or attributes of the Section 4(f) property.

TDLE's potential Section 4(f) use of historic properties could include acquiring a portion of a historic property or an adverse effect where an alternative requires removal of an eligible building. Up to eight NRHP-listed, eligible, or recommended eligible historic properties in the study area may be used by a project alternative, all of which FTA has preliminarily determined as being adversely affected.

TDLE may require the permanent incorporation of archaeological resources, primarily through ground disturbance during construction. In the South Federal Way Segment, the SF Enchanted Parkway and SF I-5 alternatives would both use portions of Site 45KI1586, which is eligible under Criterion A for its association with St. George's Indian School unevaluated for listing under Criterion D. All alternatives in the Fife Segment could affect one eligible archaeological resource, and all alternatives in the Tacoma Segment could affect two eligible archaeological resources.

Archaeological resources that are on or eligible for listing in the NRHP and warrant preservation in place are subject to Section 4(f) except when the resource is important chiefly because of what can be learned by data recovery and has minimal value for preservation in place (23 CFR 774.13(b)). Therefore, all but one of the known archaeological sites within the APE that are eligible for listing in the NRHP are not recommended to be Section 4(f) properties, because they are eligible based only on their value for yielding information important in prehistory or history (Criterion D) and do not warrant preservation in place. Therefore, they do not qualify as Section 4(f) resources. Only Site 45KI1586, which is recommended eligible under Criterion A and unevaluated for listing under Criterion D, and warrants preservation in place, is a Section 4(f) resource. The location of some archaeological sites that may be used by TDLE is sensitive information and not shown on the associated figures. It is possible that additional eligible sites could be discovered and potentially used during construction.

The Section 4(f) resources and an assessment regarding TDLE's use of those resources is summarized in Tables D-2 through D-4. These tables also identify the potential use of Section 4(f) resources. No temporary occupancy or constructive use of Section 4(f) resources is anticipated for TDLE. Assessments of effects to individual historic properties are preliminary and have not been formally determined by FTA. Final effects determinations are pending additional consultation with the SHPO, Tribes, and other consulting parties.

Federal Way Segment

No Section 4(f) resources would be used in the Federal Way Segment. Although Cedar Park is within 250 feet of both alternatives in this segment (with or without the SF Design Option), none of the build alternatives would require land from Cedar Grove Park for either construction or operation of TDLE. The TDLE guideway may be visible from portions of the park but would be screened by trees, existing single -family residences, and 24th Avenue S. Similarly, noise from construction may increase at the park but, given the park's proximity to I-5 and existing noise near the park, would not be anticipated to substantially impair the park's activities, features, or attributes that qualify the park for protection under Section 4(f). Some construction traffic may travel near the park at times but would not restrict access. Therefore, there would be no Section 4(f) use.

South Federal Way Segment

Up to six Section 4(f) properties could be used by various alternatives in the South Federal Way Segment, along with the *de minimis* impact on up to seven additional properties, as identified in Table D-5.

Table D-5 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the South Federal Way Segment

Resource	SF Enchanted Parkway	SF I-5	SF 99-West[1]	SF 99-East[1]
Denny's Restaurant at 34726 16th Avenue S	No use	No use	*De minimis*	*De minimis*
Brooklake Community Center, 726 S 356th Street, Federal Way	No use	No use	No use	No use
Montessori Academy at Spring Valley, 36605 Pacific Highway S, Federal Way	No use	No use	Use	No use
K.C.J. Stables and Residence, 36530A Pacific Highway S, Federal Way	No use	No use	Use	Use
Residence at 36606 Pacific Highway S, Federal Way	No use	No use	No use	Use
Residence at 36903 Pacific Highway S, Federal Way	No use	No use	Use	*De minimis*
Gethsemane Catholic Cemetery	No use	No use	No use	No use
Site 45KI1586	Use	Use	No use	No use
West Hylebos Osaka Property (Milton)	No use	No use	*De minimis* only with Porter Way Design Option	*De minimis* only with Porter Way Design Option
Daffodil Motel, 7909 Pacific Highway E, Milton	No use	No use	Use	No use
Commercial Building at 7700 Pacific Highway E, Milton	No use	No use	No use	No use

Notes:
(1) Preliminary Section 4(f) use determinations apply with or without the Porter Way Design Option unless otherwise specified.

Denny's Restaurant at 34726 16th Avenue S

The Denny's Restaurant located at 34726 16th Avenue S is recommended eligible for listing on the NRHP and is located west of all alternatives in the South Federal Way Segment. The SF 99-West and the SF 99-East alternatives would be located behind the structure to the east, and the track would be elevated approximately 40 feet above it, permanently acquiring about 0.03 acre in the southwest corner, and using this parcel temporarily for construction. While the SF 99-West and the SF 99-East alternatives would add an element to the rear and approximately 40 feet above the resource, FTA has preliminarily determined that the effect would not be adverse, because locating TDLE to the rear of this building would not diminish any of the characteristics that qualify it for listing in the NRHP. Given that the building and its key features and activities would remain, FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that these alternatives would have no adverse effect under Section 106. As such, FTA has made a preliminary determination that it would qualify as a *de minimis* impact under Section 4(f), which will be finalized after Section 106 consultation.

The SF Enchanted Parkway Alternative would be located farther to the east of the structure and the SF I-5 Alternative is not in the vicinity of the structure, with no temporary occupancy or permanent incorporation. Therefore, these alternatives would add an additional transportation element within a developed commercial area, but would not diminish the characteristics that qualify the resources for listing. FTA has preliminarily determined that the SF Enchanted Parkway and SF I-5 alternatives would not have an adverse effect under Section 106 or use this Section 4(f) property.

Brooklake Community Center at 726 S 356th Street

The historic buildings at the Brooklake Community Center, 726 S 356th Street, are located to the west of all of the alternatives and heavily shielded by distance, topography, and/or deep screens of mature foliage that act to shield the built resources from traffic along Pacific Highway. The screens of mature foliage adjacent to the Brooklake Community Center are not anticipated to be greatly diminished during construction. FTA, in consultation with the SHPO (the official with jurisdiction over the resource) has preliminarily determined that none of the alternatives would have an adverse effect under Section 106 or use this Section 4(f) property.

Montessori Academy at Spring Valley and Residence at 36605 Pacific Highway S

The SF 99-West Alternative with or without the Porter Way Design Option would require a partial acquisition of the school and residence at 36605 Pacific Highway S, which FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined would constitute an adverse effect under Section 106 and the use of a Section 4(f) property. Figure D-82 illustrates this potential use.

The remaining alternatives (SF Enchanted Parkway, SF I-5, and SF 99-East) in the South Federal Way Segment are separated from this location by the highway and existing screens of mature foliage, which would remain, so would have no adverse effect under Section 106 or use of the Section 4(f) resource.

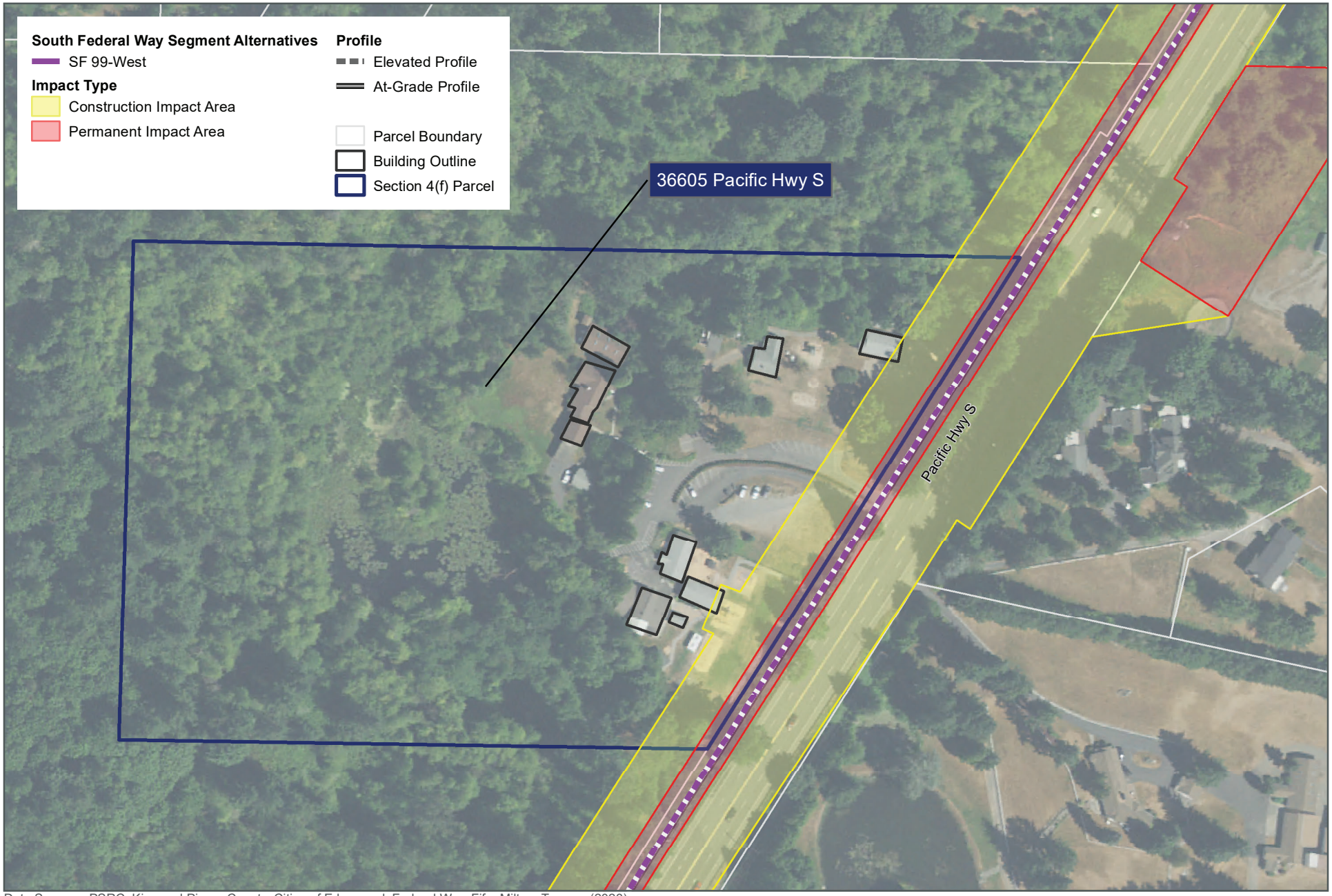

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-82

Section 4(f) Use of School and Residence
SF 99-West Alternative

Tacoma Dome Link Extension

K.C.J. Stables and Residence at 36530A Pacific Highway S

Both the SF 99-East and SF 99-West alternatives, with or without the Porter Way Design Option, would require partial acquisition of property along the western boundary of the parcel at 36530A Pacific Highway S. Both would require the removal of screening trees or other features of the resource that qualify it for listing in the NRHP.

The SF 99-East Alternative would also require the demolition of a secondary outbuilding (believed to be a shed or garage added ca. 1977) in addition to the potential removal of screening trees on the property or other features that qualify the residence for listing in the NRHP. As a result, FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that both the SF 99-East and SF 99-West alternatives would have an adverse effect under Section 106 and would constitute the use of a Section 4(f) property. Figure D-83 illustrates this potential use.

No use of this Section 4(f) resource would occur for the SF Enchanted Parkway or SF I-5 alternatives.

Residence at 36606 Pacific Highway S

The residence at 36606 Pacific Highway S has been recommended eligible for listing on the NRHP. The SF 99-East Alternative would potentially require the removal of screening trees located on the property and diminish the residence's integrity of setting, which FTA has preliminarily determined would be an adverse effect under Section 106 and would constitute the use of a Section 4(f) property.

The SF 99-West alternatives in the South Federal Way Segment would be separated from the property by the highway and existing screens of mature foliage would remain, so FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that this would not constitute an adverse effect under Section 106. As such, FTA has made a preliminary determination that it would qualify as a *de minimis* impact under Section 4(f), which will be finalized after Section 106 consultation.

No use of this Section 4(f) resource would occur for the SF Enchanted Parkway or SF I-5 alternatives.

Residence at 36903 Pacific Highway S

The residence at 36903 Pacific Highway S has been determined to be eligible for the NHRP. The SF 99-West Alternative, with or without the Porter Way Design Option, would demolish the NRHP-eligible building at this location, which FTA has preliminarily determined would constitute an adverse effect under Section 106 and the use of Section 4(f) property. Figure D-84 illustrates this potential use.

The SF 99-East Alternative would require permanent incorporation and temporary occupancy of approximately 20 percent of the property at 36903 Pacific Highway S to construct and provide access to a stormwater pond on an adjacent parcel but would not require demolition or otherwise adversely affect the residence. The SF 99-East Alternative would be separated from the property by the highway and existing screens of mature foliage would remain, so FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that this would not constitute an adverse effect under Section 106. As such, FTA has made a preliminary determination that it would qualify as a *de minimis* impact under Section 4(f), which will be finalized after Section 106 consultation.

No use of this Section 4(f) resource would occur for the SF Enchanted Parkway or SF I-5 alternatives.

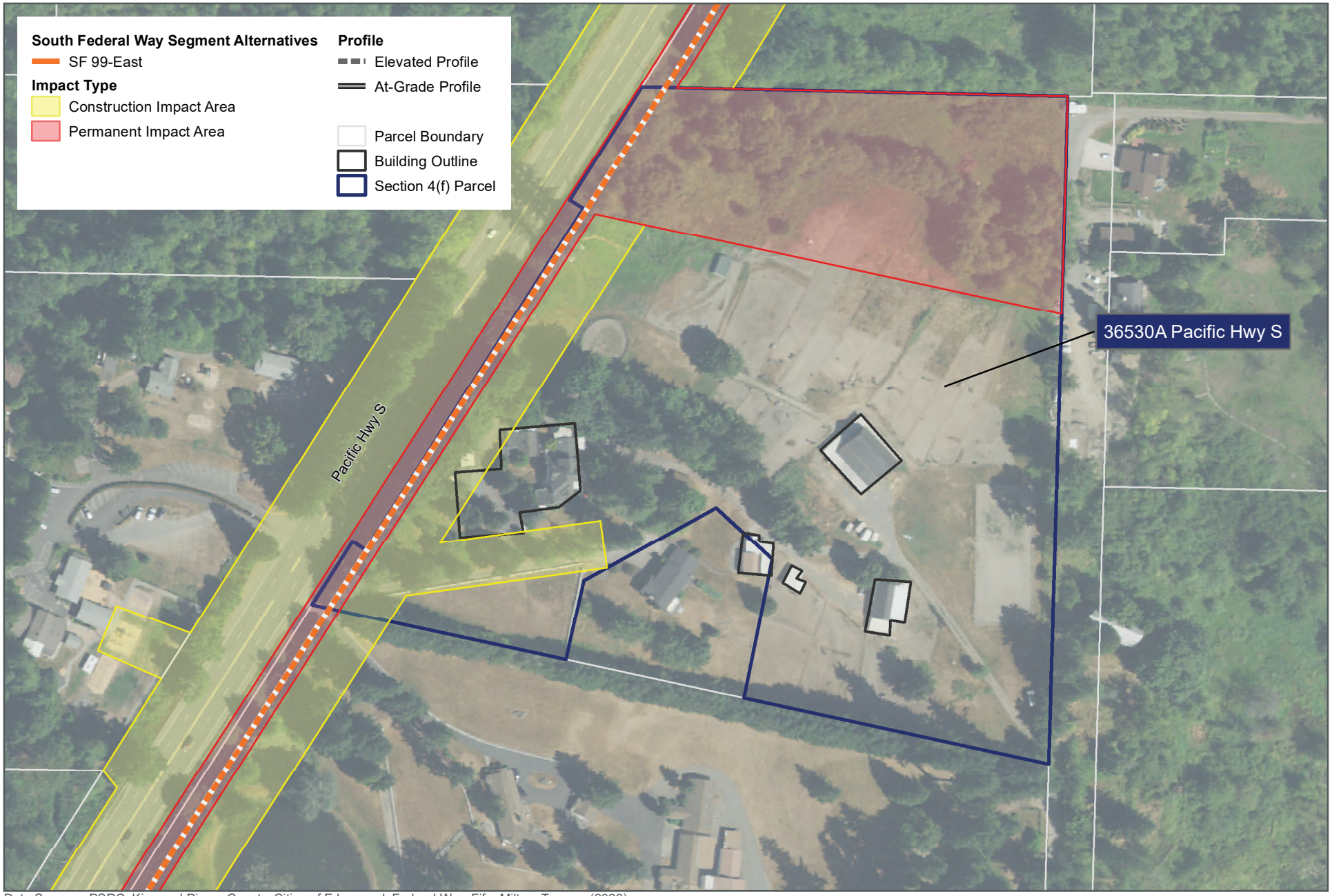

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-83

Section 4(f) Use of Residence and Stables
SF 99-East Alternative

Tacoma Dome Link Extension

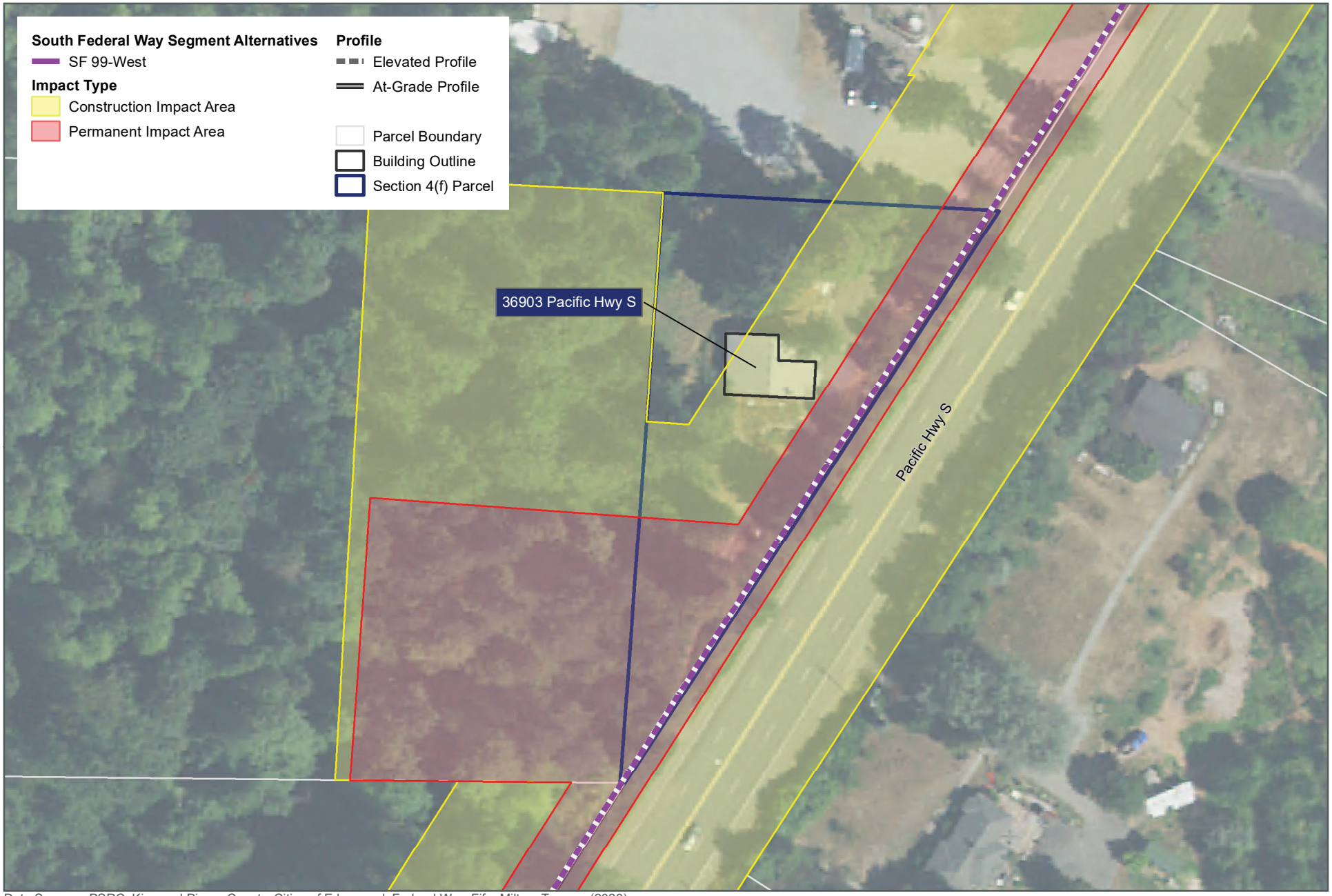

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-84
Section 4(f) Use of Residence
SF 99-West Alternative

Tacoma Dome Link Extension

Gethsemane Catholic Cemetery at 37600 Pacific Highway S

The Gethsemane Catholic Cemetery is recommended eligible for the NRHP as a designated landscape). The SF 99-West and SF 99-East alternatives would both be located adjacent to the cemetery. The SF 99-East Alternative would require alterations to the entrance and exit lanes outside the boundaries of the cemetery, but access would be maintained throughout construction. While the light rail guideway would be visible from within the cemetery, it would not diminish the characteristics that qualify the resource for listing under Section 106 and eligibility under Section 4(f). Therefore, none of the alternatives in the South Federal Way Segment would have an adverse effect under Section 106 or would result in a use of Section 4(f) property.

Site 45KI1586

Ground disturbance would occur within the boundaries of NRHP-eligible site 45KI1586 and would require the permanent incorporation of some of the parcel for the placement of column footings and temporary occupancy during construction of the guideway for the SF Enchanted Parkway or SF I-5 alternatives. FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has made a preliminary determination that TDLE would have an adverse effect under Section 106 and would constitute a Section 4(f) use.

No adverse effect under 106 or Section 4(f) use would occur for the SF 99-West or SF 99-East alternatives.

West Hylebos Osaka Property

The Porter Way Design Option, with both the SF 99-West or SF 99-East alternatives, would require the permanent incorporation of 0.02 acres and the temporary occupation of 0.13 acre of the West Hylebos Osaka Property. The property is adjacent to a parcel that would potentially be acquired to construct a stormwater pond for the project. During construction, existing access would be maintained to the extent feasible, and the City of Milton would be compensated for necessary acquisitions. Sound Transit would financially compensate for temporarily using this area during construction. Following construction, disturbed areas would be restored and the property would remain as a natural area, in consultation with the City. Figure D-85 illustrates the proximity of the Porter Way Option (associated with either the SF 99-West or SF 99-East alternatives) to the property. As part of ongoing coordination with the City of Milton, Sound Transit requested a preliminary concurrence that the Porter Way Design Option with both the SF 99-West and SF 99-East alternatives would have a *de minimis* impact to the West Hylebos Osaka Property. The City concurred on August 15, 2024 (see Attachment D.2). After the issuance and public comment on the Draft EIS, FTA will request final concurrence in writing by the City.

No use would occur for the SF Enchanted Parkway or SF I-5 alternatives.

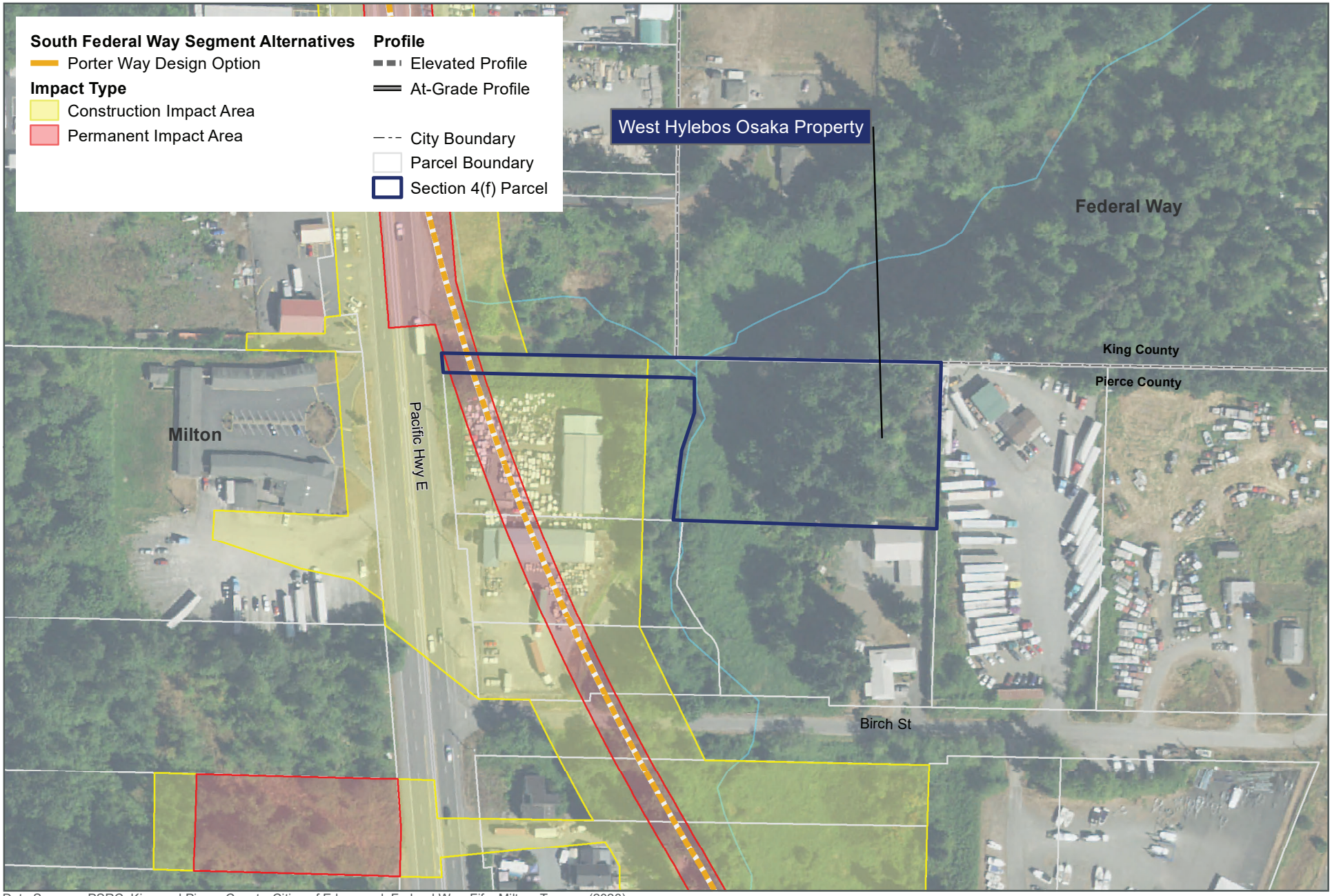

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-85

Section 4(f) Use of West Hylebos Osaka Property
Porter Way Design Option with SF 99-West or SF 99-East Alternatives

Tacoma Dome Link Extension

Daffodil Motel and Signage at 7909 Pacific Highway E

The Daffodil Motel and its signage have been recommended as eligible for the NRHP. The SF 99-West Alternative, with or without the Porter Way Design Option, would require partial acquisition and demolition or relocation of the motel's signage along the highway, which has the potential to diminish the resource's integrity of setting, design, materials, and workmanship, which FTA has preliminarily determined would be an adverse effect under Section 106 and would constitute the use of a Section 4(f) property. Figures D-86 and D-87 illustrate the proximity of the SF 99-West and SF 99-East alternatives to the property.

The SF 99-East Alternative in the South Federal Way Segment is separated from the location by the highway, and would not diminish the integrity of any characteristics that qualify the resource for listing, so FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has made a preliminary determination that it would not have an adverse effect under Section 106 or constitute a Section 4(f) use.

No use of this Section 4(f) resource would occur for the SF Enchanted Parkway or SF I-5 alternatives.

Commercial Building at 7700 Pacific Highway E

The commercial building is located off Pacific Highway on a parcel that flanks I-5 and has been recommended eligible for listing on the NRHP. Construction of the SF Enchanted Parkway Alternative, the SF I-5 Alternative, or the SF 99-West or SF 99-East alternatives with the Porter Way Design Option may add a visual element to its viewshed, but the protected activities, features, or attributes of the Section 4(f) property would not be substantially diminished by any alternative as long as the building retains its views to and from I-5. No long-term effect is anticipated in association with any of the alternatives in the South Federal Way Segment. Therefore, FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that no adverse effect under Section 106 or use of Section 4(f) property is anticipated.

Fife Segment

Up to two Section 4(f) properties could be used by various alternatives in the Fife Segment, as identified in Table D-6.

Table D-6 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the Fife Segment[1]

Resource	Fife Pacific Highway	Fife Median	Fife I-5
Residence at 1309 62nd Avenue E	Use	Use	Use
Pick-Quick Drive In, 4306 Pacific Highway	Use	*De minimis*	No use
Cappa Park (planned)	*De minimis*	*De minimis*	*De minimis*

Notes:
(1) Preliminary Section 4(f) use determinations apply with or without the 54th Avenue Design Option or 54th Span Design Option.

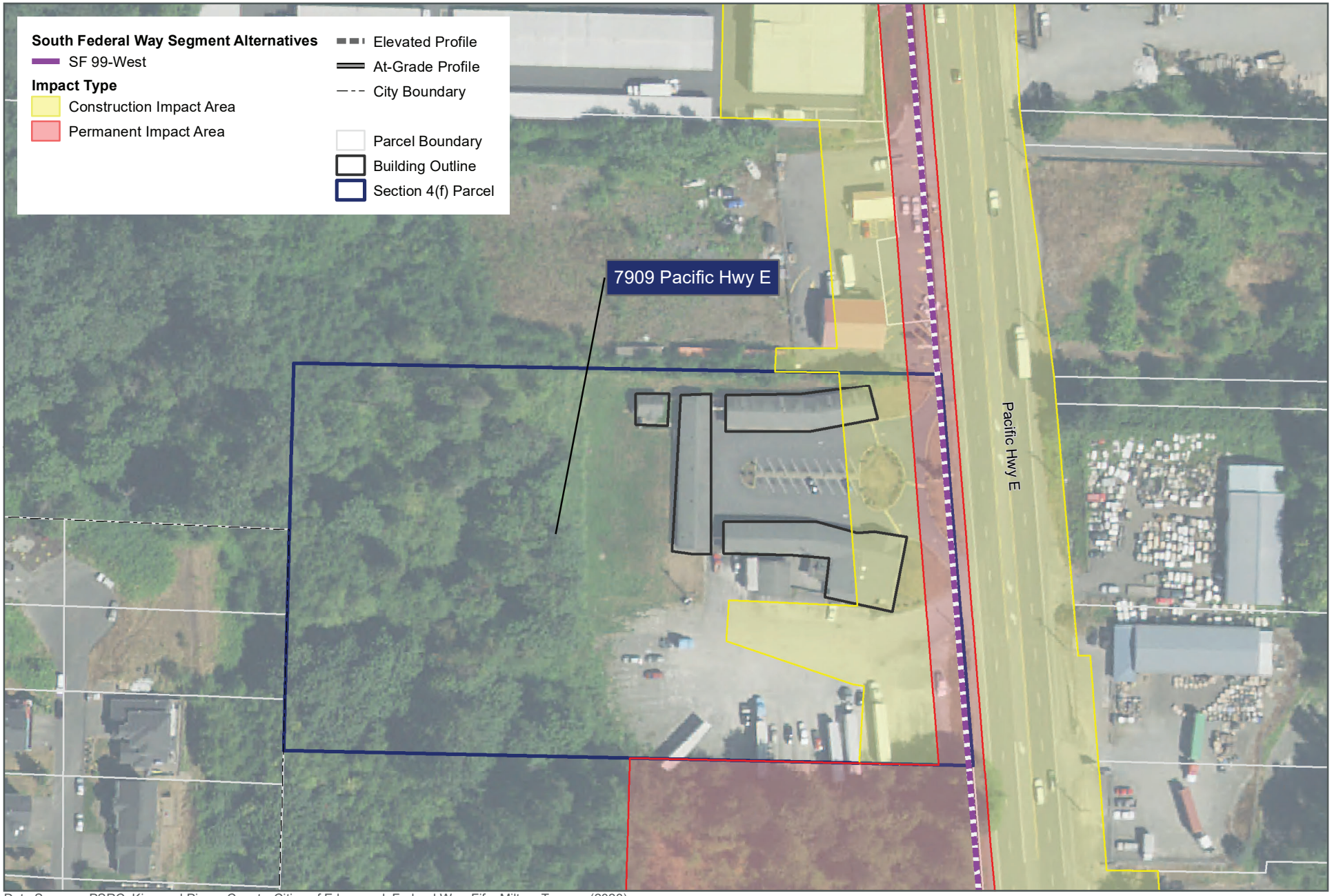

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-86
Section 4(f) Use of Daffodil Motel
SF 99-West Alternative

Tacoma Dome Link Extension

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-87
Section 4(f) Use of Daffodil Motel
SF 99-East Alternative

Tacoma Dome Link Extension

Residence at 1309 62nd Avenue E

All alternatives in the Fife Segment would require acquisition of the property located at 1309 62nd Avenue E and removal of the vacant residence. FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that the removal would be an adverse effect under Section 106 and would constitute the use of the Section 4(f) property. Figure D-88 illustrates this potential use.

Pick-Quick Drive In

The Fife Pacific Highway Alternative would require the removal of the Pick-Quick Drive In building and the permanent incorporation of the property at 4036 Pacific Highway East for transportation purposes. FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that removal of the building and associated signage would be an adverse effect under Section 106 and would constitute a Section 4(f) use. Figure D-89 illustrates the property with the Fife Pacific Highway Alternative.

The Fife Pacific Highway Median Alternative (Fife Median Alternative) is farther from the Pick-Quick building and would not remove the building. It would acquire and permanently incorporate approximately 0.13 acre of the property to adjust the sidewalk and driveway entrance (as well as temporarily occupy 0.50 acre for construction), but this would not diminish the defining historic features, characteristics and attributes of the Pick-Quick, including its prominent location along Pacific Highway and its signage.

The Fife Median Alternative elevated guideway would be approximately 16 feet above the center lane of the Pacific Highway, leaving two lanes of east-bound traffic and a public sidewalk between the parcel and the new track. The height and distance of the light rail structure from the building would not screen the building from view, permanently incorporate the building or its surrounding parcel, or disrupt traditional transportation routes to and from Pacific Highway, thereby maintaining public access to the building. Additionally, Sound Transit would restore the landscaped areas disturbed as part of the project.

While the Fife Median Alternative would add an element to the building's setting, FTA has preliminarily determined that the effect would not be adverse, as the building's relationship with the air space above Pacific Highway is not a characteristic that qualifies it for listing in the NRHP. Given that the building, its sign, access, key features, and activities will remain, FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that the Fife Median Alternative would have no adverse effect under Section 106 (Figure D-90). As such, FTA has made a preliminary determination that it would qualify as a *de minimis* impact under Section 4(f), which will be finalized after Section 106 consultation.

The Fife I-5 Alternative would be more than a block to the rear of this property and along the border of I-5, away from Pacific Highway. Pick-Quick would be outside the construction footprint and would not result in permanent incorporation or temporary occupancy by the Fife I-5 Alternative. The Fife I-5 Alternative is far enough away that it would not impair Pick-Quick's setting, nor would its operations create potential proximity impacts of a magnitude that would constitute a constructive use.

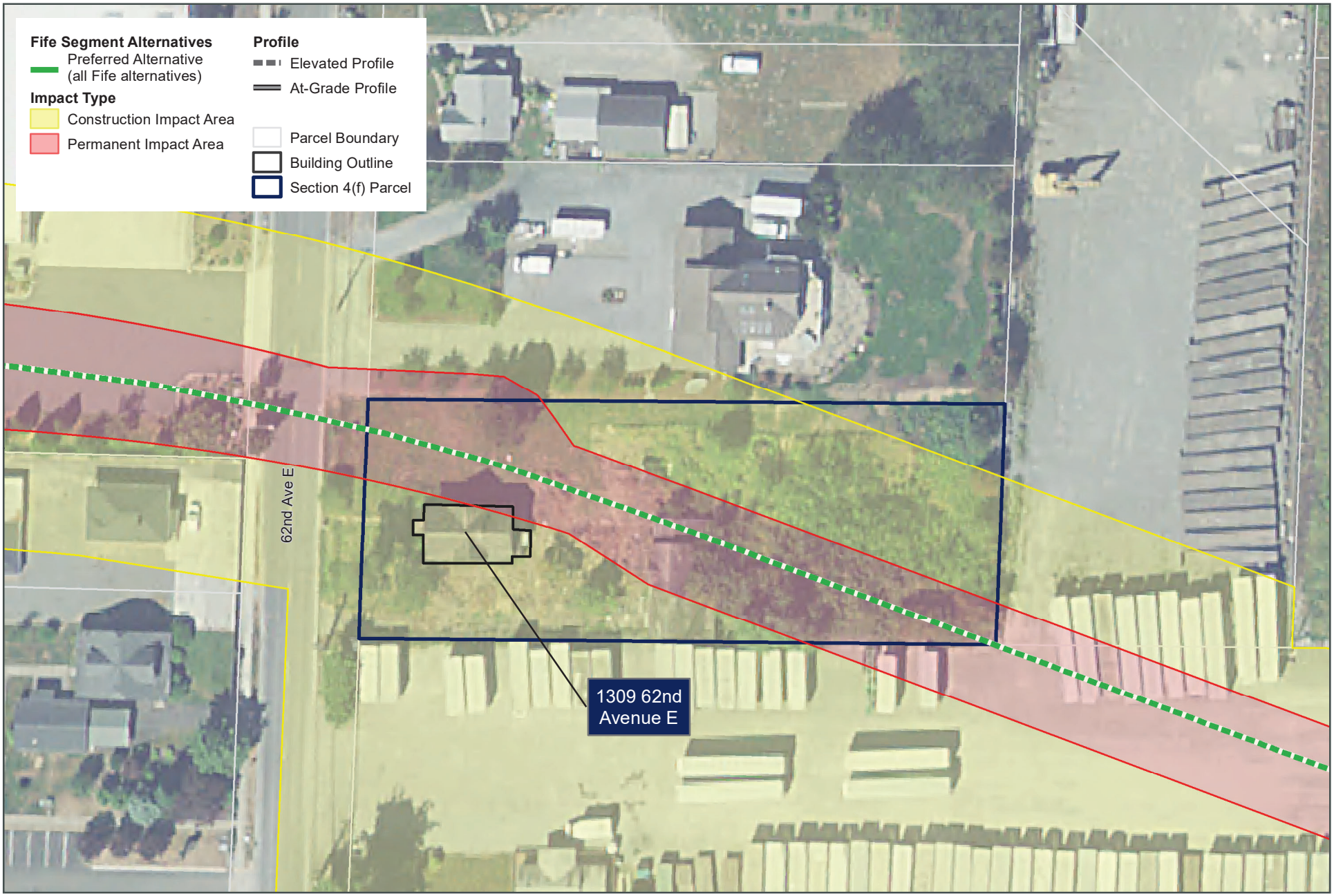

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-88

Section 4(f) Use of Residence at 1309 62nd Avenue E
All Fife Alternatives

Tacoma Dome Link Extension

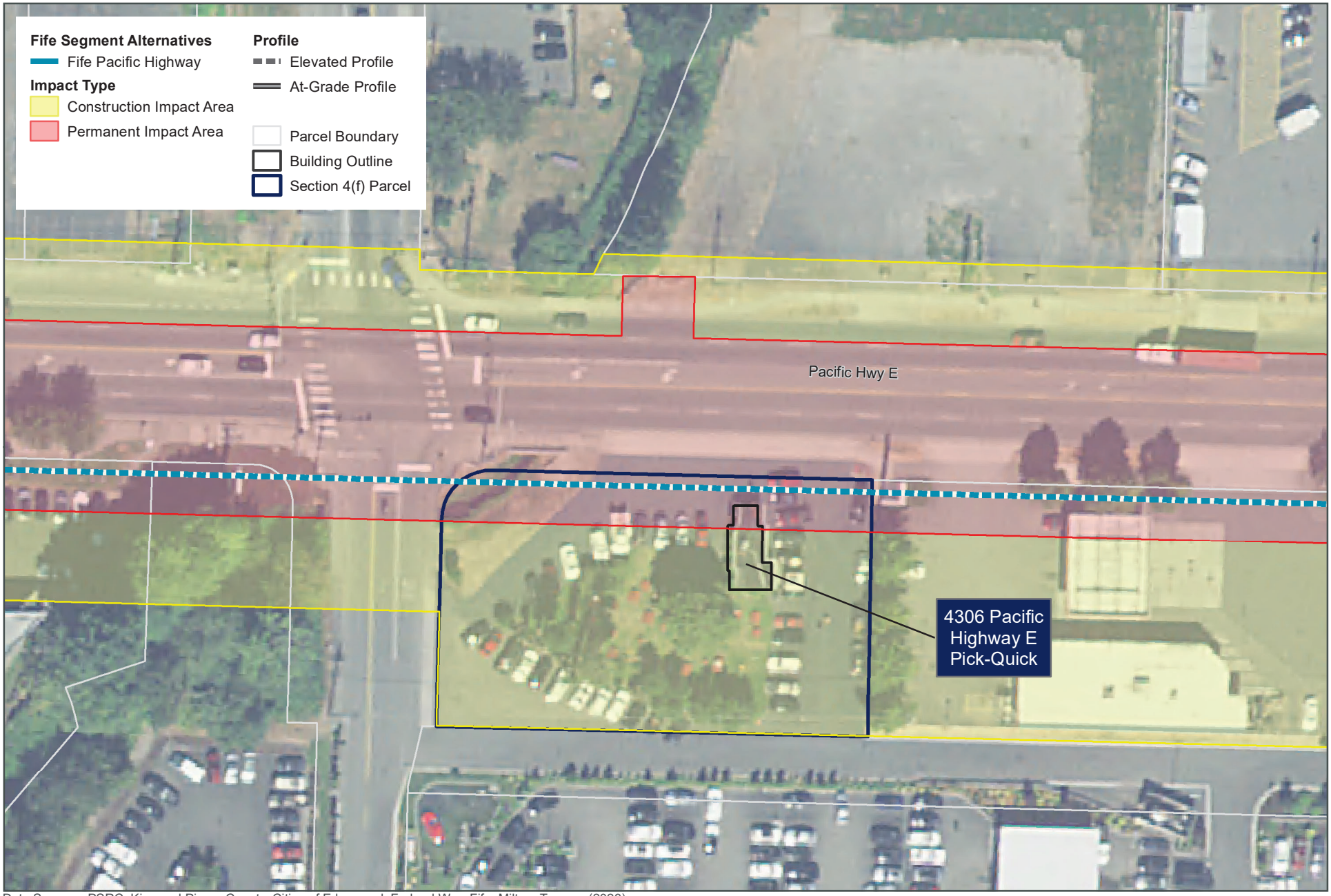

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-89
Section 4(f) Use of Pick-Quick
Fife Pacific Highway Alternative

Tacoma Dome Link Extension

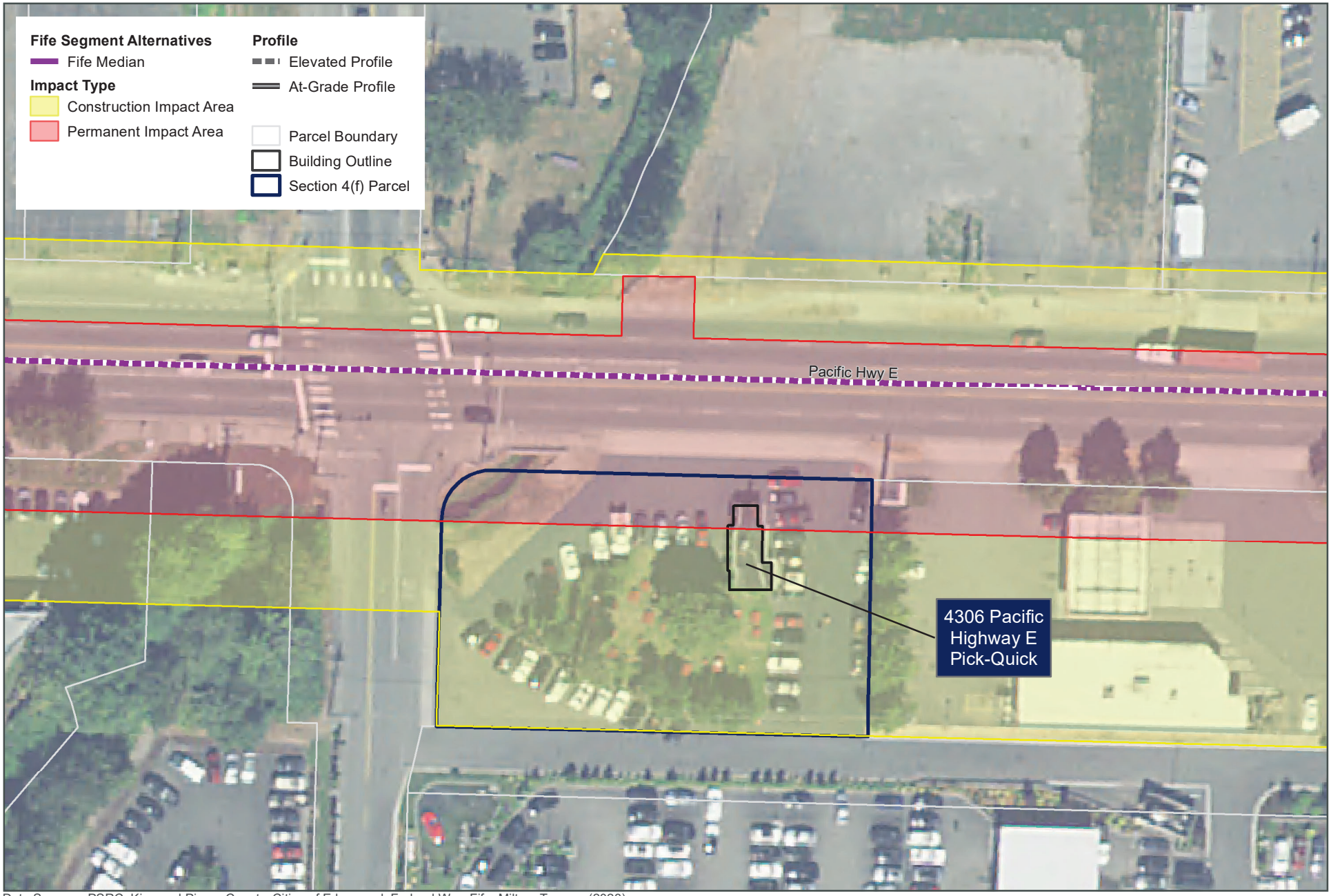

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-90
Section 4(f) Use of Pick-Quick
Fife Median Alternative

Tacoma Dome Link Extension

Cappa Park (Planned)

Cappa Park, which is planned to be constructed in the City of Fife, is on property that extends from I-5 to Pacific Highway E and is adjacent to all Fife Segment alternatives. Any of the alternatives in the Fife Segment would require partial acquisition of this property. However, all alternatives would be located adjacent to existing right-of-way, on the edge of the large, currently undeveloped property. Both the Fife Pacific Highway and Fife Median alternatives would permanently incorporate 0.15 acre, which is less than 4 percent of the total area to accommodate TDLE. The Fife I-5 Alternative would permanently incorporate 0.23 acre, which is less than 6 percent of the total area.

Both the Fife Pacific Highway and Fife Median alternatives would also temporarily occupy an additional 0.26 acre during construction adjacent to Pacific Highway, and the Fife I-5 Alternative would occupy an additional 0.34 acre during construction adjacent to I-5. The temporarily occupied area would be fully restored when construction is completed. If construction of Cappa Park is completed before implementation of TDLE, park and recreational use and access to the property would be maintained. No noise or vibration impacts would occur, given the existing noise impacts from I-5 and Pacific Highway E on either side of the proposed Cappa Park. The placement of columns and elevated guideway along the edge of the property would not substantially diminish the City's proposed activities, features, or attributes qualifying the planned park for protection under Section 4(f), so FTA has made a preliminary determination that it would qualify as a *de minimis* impact to the property. Figures D-91 to D-93 illustrate this potential *de minimis* impact.

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-91

Section 4(f) Use of Cappa Park
Fife Pacific Highway Alternative

Tacoma Dome Link Extension

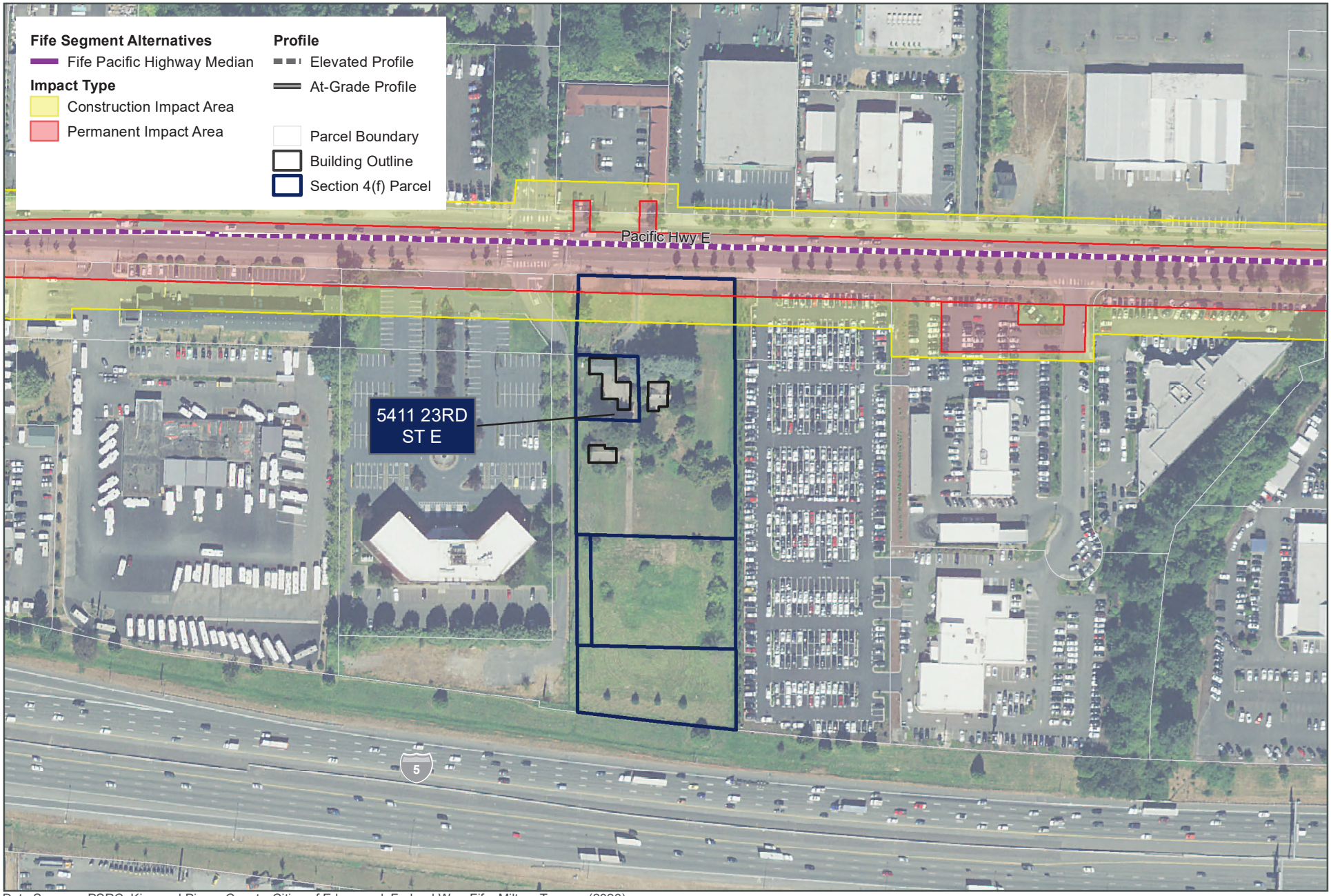

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-92
Section 4(f) Use of Cappa Park
Fife Median Alternative

Tacoma Dome Link Extension

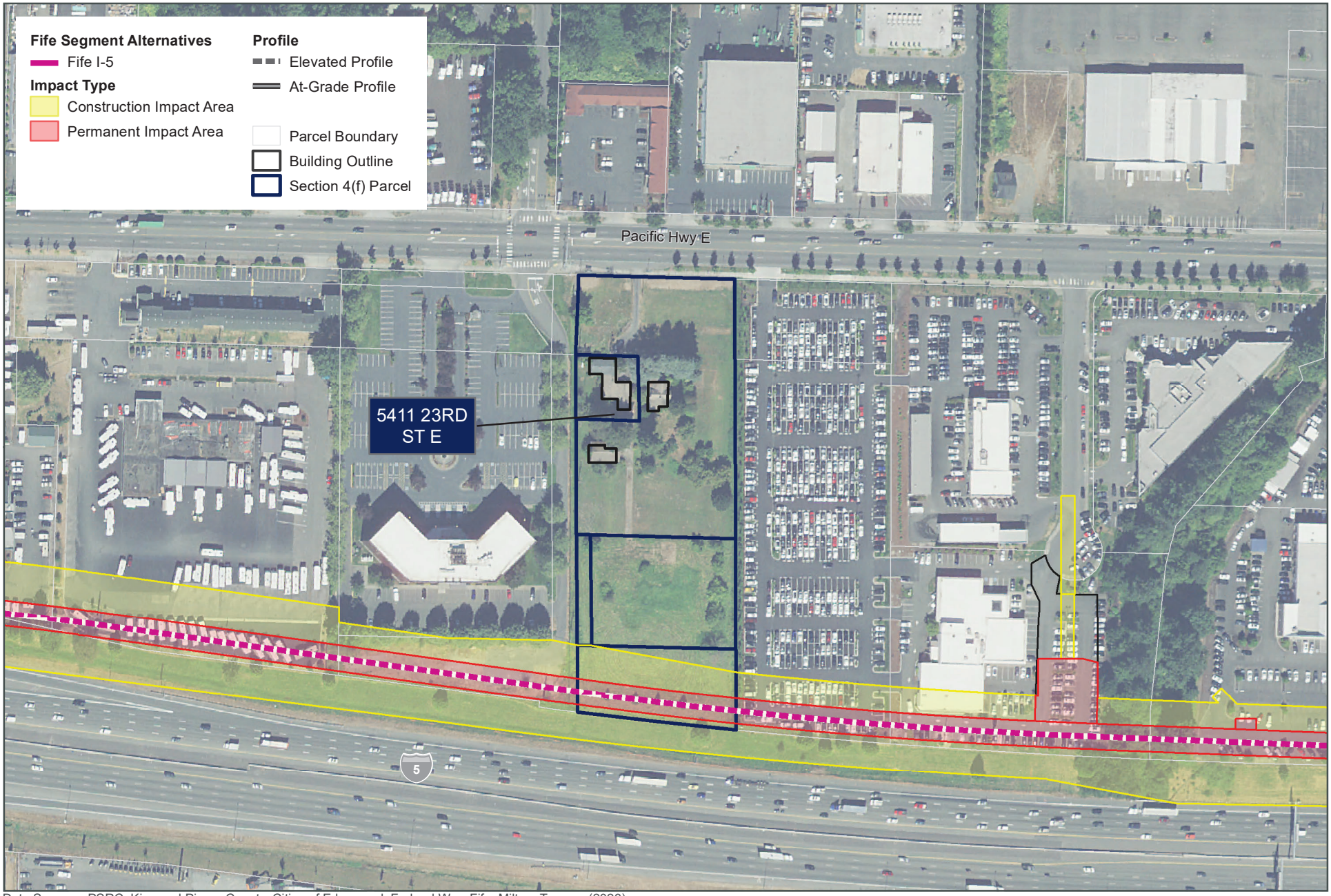

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 100 200 Feet

FIGURE D-93
Section 4(f) Use of Cappa Park
Fife I-5 Alternative

Tacoma Dome Link Extension

Tacoma Segment

No uses of Section 4(f) resources would have a greater than *de minimis* impact in the Tacoma Segment, as illustrated in Table D-7.

Table D-7 Summary of Preliminary Section 4(f) Use Determinations by Alternative for the Tacoma Segment

Resource	Tacoma 25th Street – West	Tacoma 25th Street – East	Tacoma Close to Sounder	Tacoma 26th Street
Milwaukee Railroad-Puyallup River Bridge, Tacoma	No use	No use	No use	No use
Milwaukee, St. Paul, and Pacific Railroad, Tacoma	No use	No use	No use	No use
Northern Pacific Railway/BNSF, Tacoma	No use	No use	No use	No use
Puyallup River Bridge (Pacific Highway E), Tacoma	No use	No use	No use	No use
E 21st Street Bridge (Lincoln Avenue), Tacoma	No use	No use	No use	No use
Puyallup River Levees	*De minimis*	*De minimis*	*De minimis*	*De minimis*
Engine House 4 – Tacoma Fire Station No. 4, 220-224 E 26th Street, Tacoma	No use	No use	No use	No use
Residence, 1320 E 26th Street, Tacoma	No use	No use	No use	No use
Residence, 1112 E 26th Street, Tacoma	No use	No use	No use	No use
Residence, 1106 E 26th Street, Tacoma	No use	No use	No use	No use
Commercial building, 603-605 Puyallup Avenue, Tacoma	No use	No use	No use	No use
Commercial building, 101 E 26th Street, Tacoma	No use	No use	No use	No use
Commercial building, 102 S 26th Street, Tacoma	No use	No use	No use	No use
Commercial building, 110 E 26th Street, Tacoma	No use	No use	No use	No use
Commercial building, 102 E 26th Street, Tacoma	No use	No use	No use	No use

Historic Bridges

The three bridge crossings of the Puyallup River (Milwaukee Railroad Bridge, Puyallup River Bridge, and E 21st Street Bridge), which have been listed in or recommended eligible for listing in the NRHP, are located outside the construction footprint for all alternatives, would not be physically altered, and would not be subject to proximity impacts of a magnitude that would constitute a constructive use. FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that none of the alternatives would adversely affect the bridges under Section 106 and would not constitute a Section 4(f) use.

Puyallup River Levees

Both the long-span and pier-supported bridge options for TDLE would require columns to be placed in the Puyallup River Levees to support the spans crossing the river, and some ground

improvements may be needed within and below the levee around those columns to address potential seismic hazards. In some instances, TDLE may also require a modification to the levee access road. Excavation within the levee would be required during construction of the new columns and temporary closure or detour of the levee access road would be required, but the access road is not considered a contributing feature of the historic resource. As a result, the levees may be temporarily occupied during construction, but TDLE would not substantially impair the features or attributes that qualify them for listing in the NRHP. Therefore, FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that the levees would not be adversely affected under Section 106. As such, FTA has preliminary determined that they would qualify as a *de minimis* impact under Section 4(f) for all alternatives, which will be finalized after Section 106 consultation.

Northern Pacific Railway/BNSF

The Northern Pacific Railway/BNSF crosses under all alternatives in the Tacoma Segment, west of the proposed Puyallup River Crossing. The rail corridor may be temporarily occupied during construction over the river, but construction activities would be temporary; would not physically alter or use the railway; would not interfere with the protected activities, features, or attributes of the property; and would be fully restored to a condition that is at least as good as its condition prior to the project. FTA is consulting with SHPO and anticipates concurrence that this temporary occupancy meets the criteria in 23 CFR 774.13(d). Therefore, FTA has made a preliminary determination that there will be no Section 4(f) use of the railway. After the issuance and public comment on the Draft EIS, FTA will request final concurrence in writing by the SHPO.

Engine House 4 – Tacoma Fire Station No. 4

With the Tacoma 26th Street Alternative, the TDLE guideway would be more than 60 feet above Engine House 4, which would be south of the guideway along E 26th Street. TDLE would not physically impact Engine House 4 but would be nearby. Pursuant to Section 106, FTA has preliminarily determined that the Tacoma 26th Street Alternative would not adversely affect Engine House 4, because, based on the proposed plans, the guideway would be located 16 feet away and four stories above Engine House 4 and would not adversely affect the characteristics that qualify it for listing in the NRHP, such as its architecture typical of an early 20th-century fire station. During construction, the building would be protected, access would be maintained, and no physical alteration to the property would occur. FTA, in consultation with the SHPO (the official with jurisdiction over the resource),has made the preliminary determination that there will be no adverse effect under Section 106 and no Section 4(f) use of Engine House 4, which will be finalized after Section 106 consultation.

No Section 4(f) use would occur for the Preferred Tacoma 25th Street-West, Tacoma 25th Street-East, or Tacoma Close to Sounder alternatives.

Remaining Historic Resources

The remaining historic properties in the TDLE study area (1320 E 26th Street, 1112 E 26th Street, 1106 E 26th Street, 1102 Puyallup Avenue, 603-605 Puyallup Avenue, 101 E 26th Street, 110 E 26th Street, 102 E 26th Street) are all recommended NRHP eligible, but FTA has preliminarily determined no adverse effect under Section 106 is anticipated because they are all located outside the construction footprint for all alternatives and would not be physically altered or otherwise impaired by ongoing operations. FTA, in consultation with the SHPO (the official with jurisdiction over the resource), has preliminarily determined that none of the alternatives would have an adverse effect under Section 106 or result in a Section 4(f) use, which will be finalized after 106 consultation.

5 SECTION 4(F) AVOIDANCE ALTERNATIVES ANALYSIS

Unless the use of a Section 4(f) property is determined to have a *de minimis* impact, FTA is required to consider whether there are feasible and prudent alternatives that would avoid the use and whether the project includes all possible planning to minimize harm. The Section 4(f) regulations define a feasible alternative as an alternative that could be built as a matter of sound engineering judgment.

A feasible and prudent avoidance alternative avoids using Section 4(f) property and does not cause other severe problems of a magnitude that substantially outweighs the importance of protecting the Section 4(f) property. The *Section 4(f) Policy Paper* (USDOT 2012) provides guidance on determining whether there are feasible and prudent avoidance alternatives and is the basis of this analysis.

Along with the No-Build Alternative, potential alternatives to avoid the individual use of Section 4(f) property must be considered and may include the following types of avoidance alternatives:

- Location Alternative. A location alternative refers to the rerouting of the entire project along a different alignment.
- Alternative Actions. An alternative action could be a different mode of transportation, such as rail transit or bus service, or some other action that does not involve construction, such as the implementation of transportation management systems or similar measures.
- alignment to avoid a specific resource.
- Design Changes. A design change is a modification of the proposed design in a manner that would avoid impacts, such as reducing the planned median width, building a retaining wall, or incorporating design exceptions.

In assessing the importance of protecting the Section 4(f) property, it is appropriate to consider the relative value of the resource to the preservation purpose of the statute.

An alternative is not prudent if:

(i) It compromises the project to a degree that it is unreasonable to proceed with the project in light of its stated purpose and need;

(ii) It results in unacceptable safety or operational problems;

(iii) After reasonable mitigation, it still causes:

  (A) Severe social, economic, or environmental impacts;

  (B) Severe disruption to established communities;

  (C) Severe disproportionate impacts to minority or low income populations; or

  (D) Severe impacts to environmental resources protected under other Federal statutes;

(iv) It results in additional construction, maintenance, or operational costs of an extraordinary magnitude;

(v) It causes other unique problems or unusual factors; or

(vi) It involves multiple factors in paragraphs (3)(i) through (3)(v) of this definition, that while individually minor, cumulatively cause unique problems or impacts of extraordinary magnitude. (23 CFR 774.17)

All of the TDLE alternatives would use at least one Section 4(f) resource in the South Federal Way Segment and another in the Fife Segment. The following analysis considers whether there are any feasible and prudent alternatives that would avoid the use of Section 4(f) resources. Avoidance alternatives based on alignment shifts or design changes were constrained by requirements unique to light rail, such as maximum grade, minimum curve radius, need for station locations to be on a straight section of track, and typical column spacing for elevated guideway. Avoidance alternatives were also limited to those that met the project's purpose and need, including location within or adjacent to existing right-of-way to minimize impacts to promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments

5.1 No-Build Alternative

The No-Build Alternative includes all existing and committed transportation infrastructure, facilities, and services contained in the region's fiscally constrained and federally approved Regional Transportation Plan (Puget Sound Regional Council 2018b) as well as the Sound Transit 3 Plan (Sound Transit 2016). The No-Build Alternative would avoid use of all Section 4(f) resources that would experience a use by TDLE. Although the No-Build Alternative is feasible, since no construction would be required to implement the alternative, it is not prudent because it would not support the purpose and need of the project (as described in Sections 2.2 and 2.3). Under 23 CFR 773.17, the No-Build "compromises the project to a degree that it is unreasonable to proceed with the project in light of its stated purpose and need."

5.2 Alternative Actions

The purpose and need for TDLE is to expand the existing Link light rail system from Federal Way Downtown Station to the Tacoma Dome Station to, among other things, address chronic roadway congestion, and implement regional and local long-range plans. Because the purpose of TDLE is to expand the existing light rail system, no alternative actions such as buses, highway improvements, etc. would meet the purpose and need and were not considered.

5.3 Locational Alternatives and Alignment Shifts

During the alternatives screening and evaluation for TDLE leading up to the identification of alternatives to be evaluated in the Draft EIS, FTA and Sound Transit considered a wide range of potential alternatives, including different route alignments and station locations.

As described in Tables D-5 and D-6 and illustrated on Figure D-94, D-95, and D-96, there is no prudent and feasible alternative that avoids all Section 4(f) property. The primary factors affecting the prudence of avoidance alternatives include:

- Impacts to properties of the Puyallup Tribe of Indians, which are protected by treaty rights.
- Impacts to wetlands in the South Federal Way Segment.
- Scale of acquisitions and displacement required.

- Cost, construction, and operational challenges associated with additional crossings of I-5.
- Conflicts with the SR 167 interchange project, which is a federally approved project that is already advancing toward construction and implementation.
- Avoidance of the St. Paul Chong Hasang Parish campus beyond priest housing, including neighboring low-income senior housing.
- Conflicts with WSDOT plans to add direct connector ramps, in addition to existing space constraints in I-5 corridor.
- Physical impediments, such as the topography near the Fife curve.
- Conflicts with WSDOT plans to restore and rehabilitate Hybelos Creek.

South Federal Way Segment

Alignment alternatives in the South Federal Way Segment are shown on Figure D-94. Those alternatives were developed during the alternatives development process and are all generally located along one of the two existing transportation corridors, I-5 and SR 99 (Pacific Highway). Alternatives located outside of those existing transportation corridors were eliminated early on in alternatives screening due to the magnitude of difference in impacts that would result from locating TDLE in a third corridor, including the increase in acquisitions needed; impacts to critical areas, particularly wetlands; changes to land use; and more. As a result, other locational alternatives or alignment shifts outside of the I-5 and SR 99 corridors are not feasible or prudent.

The SF 99-East and SF 99-West alternatives would both use a portion of the Section 4(f) resource at 36530A Pacific Highway S (the K.C.J. Stables). Locating the alignment in the median of SR 99 near this resource would not avoid the Section 4(f) use because a portion of the property would still be used for roadway widening, so would not constitute a prudent and feasible avoidance alternative. The SF Enchanted Parkway and SF I-5 alternatives would avoid use of the resource at 36530A Pacific Highway S; however, those alternatives would use a portion of the Section 4(f) resource, Site 45KI1586, associated with St. George's Indian School.

Although potentially feasible, any alternative to the east of I-5, illustrated as Alternatives 6 and 7 on Figure D-94, is not prudent because it would result in additional construction, maintenance, or operational challenges based on the need for extra crossings of I-5. These extra crossings would be significantly more expensive to construct and maintain, would have high utility conflicts, and would have the potential need to widen I-5 for additional right-of way to make room for columns. In addition, construction within the I-5 right-of-way would pose logistical and safety challenges as well as significant traffic impacts, including temporary closures of I-5. Alternatives 6 and 7 would also require crossing a critical aquifer recharge area on the east side of I-5. Alternative 7, which is farther to the east of I-5, would conflict with both existing and planned portions of the Interurban Trail at several locations and would require significantly more acquisitions and displacement. Additional analysis regarding the prudence of avoidance alternatives to the east of I-5 are included in Table D-8. Based on this assessment, no feasible and prudent avoidance alternatives have been identified.

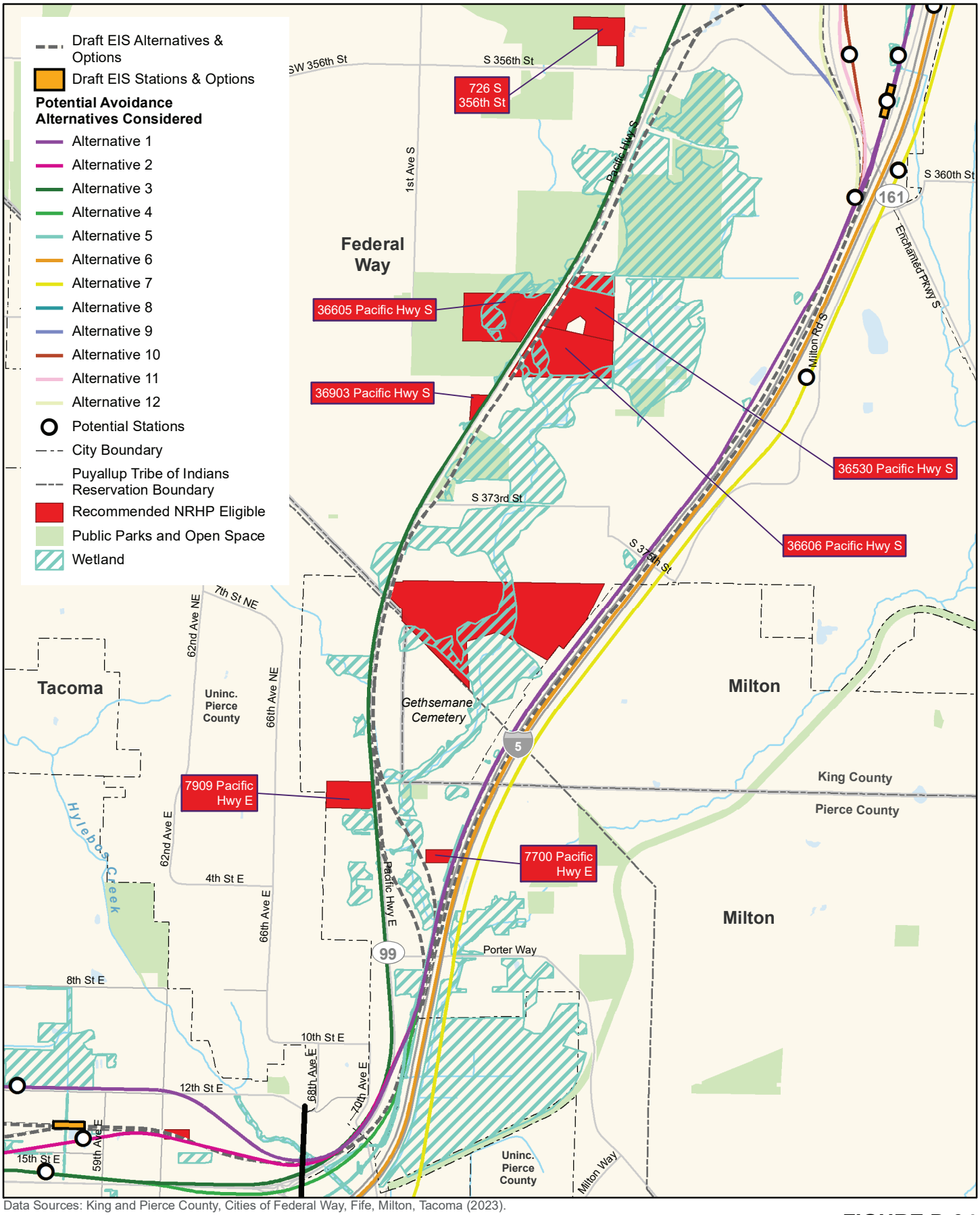

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE D-94

Potential Avoidance Alternatives Considered
South Federal Way Segment

Tacoma Dome Link Extension

Table D-8 Potential Avoidance Alternatives Evaluation of Prudence Criterion for South Federal Way Segment

Prudence Criterion (23 CFR 774.17)	No-Build Alternative	Potential Avoidance Alternatives East of I-5 (Alternatives 6 and 7 on Figure D-94)
(i) It compromises the project to a degree that it is unreasonable to proceed with the project in light of its stated purpose and need	The No-Build Alternative would fail to provide high-quality, rapid, reliable, and efficient light rail transit to communities in the project corridor, inconsistent with the Sound Transit 3 Plan; it would not meet projected travel demand; it would not connect the communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit system; it would not expand mobility for the corridor and region's residents, including transit-dependent, low-income, and minority populations; and it would not encourage transit oriented development.	Generally consistent with Purpose and Need.
(ii) It results in unacceptable safety or operational problems	No unique safety or operational problems.	Crossing I-5 twice within a short distance would require lower speeds through the South Federal Way Segment, increasing overall travel time.
(iii) After reasonable mitigation it still causes: **(A) Severe social, economic, or environmental impacts;** **(B) Severe disruption to established communities;** **(C) Severe disproportionate impacts to minority or low income populations; or** **(D) Severe impacts to environmental resources protected under other Federal statutes**	No.	Potential impacts to the culturally sensitive resources associated with St. George's Cemetery would be anticipated even on the east side of I-5. The east of I-5 alternatives would also cause much more displacement through the acquisition of new right-of-way on either side of I-5. Traffic impacts during construction would be much greater, requiring temporary closure of I-5 and the use of detour routes through adjacent communities that are not suited to the high volume of traffic that typically utilizes I-5. These impacts would be repeated when closure is required for maintenance or repair of the elevated guideways over I-5.
(iv) It results in additional construction, maintenance, or operational costs of an extraordinary magnitude	No.	Construction costs would increase for alternatives east of I-5 due to the need for additional acquisition of right-of-way and the added cost of two new elevated structures crossing I-5. Maintenance would be more challenging and costly due to the need for I-5 closure during maintenance activity.
(v) It causes other unique problems or unusual factors	No.	Would be technically challenging to design and operate an alternative east of I-5 that is able to cross back to the west side in advance of the Fife Curve; would require a long span over I-5 due to the width of I-5 and skew of the crossings.
(vi) It involves multiple factors in paragraphs (3)(i) through (3)(v) of this definition, that while individually minor, cumulatively cause unique problems or impacts of extraordinary magnitude.	No.	Avoidance alternatives east of I-5 would be unlikely to avoid the culturally sensitive properties associated with St. George's Cemetery, would be more expensive to construct and operate, would have major traffic impacts to the region and adjacent communities, and would not support desired travel speeds.

Fife Segment

In Fife, where the Section 4(f) property at 1309 62nd Avenue E is located, at least eight potential avoidance alternatives, in addition to the No-Build Alternative, were evaluated. Seven of the potential avoidance alternatives are shown in Figure D-95. The Potential Avoidance Tunnel Alternative is shown on Figure D-96. A summary of the analysis of all the potential avoidance alternatives is included in Table D-9.

While these potential avoidance alternatives are feasible because they technically could be built as a matter of sound engineering judgment, they would not be considered prudent for the reasons presented in Table D-9.

5.4 Design Changes

Sound Transit continues to look for opportunities to reduce project impacts, including the use of Section 4(f) resources. Information on property-specific design changes to minimize impacts that were incorporated into the alternative design are discussed further in Section 6, Measures to Minimize Harm.

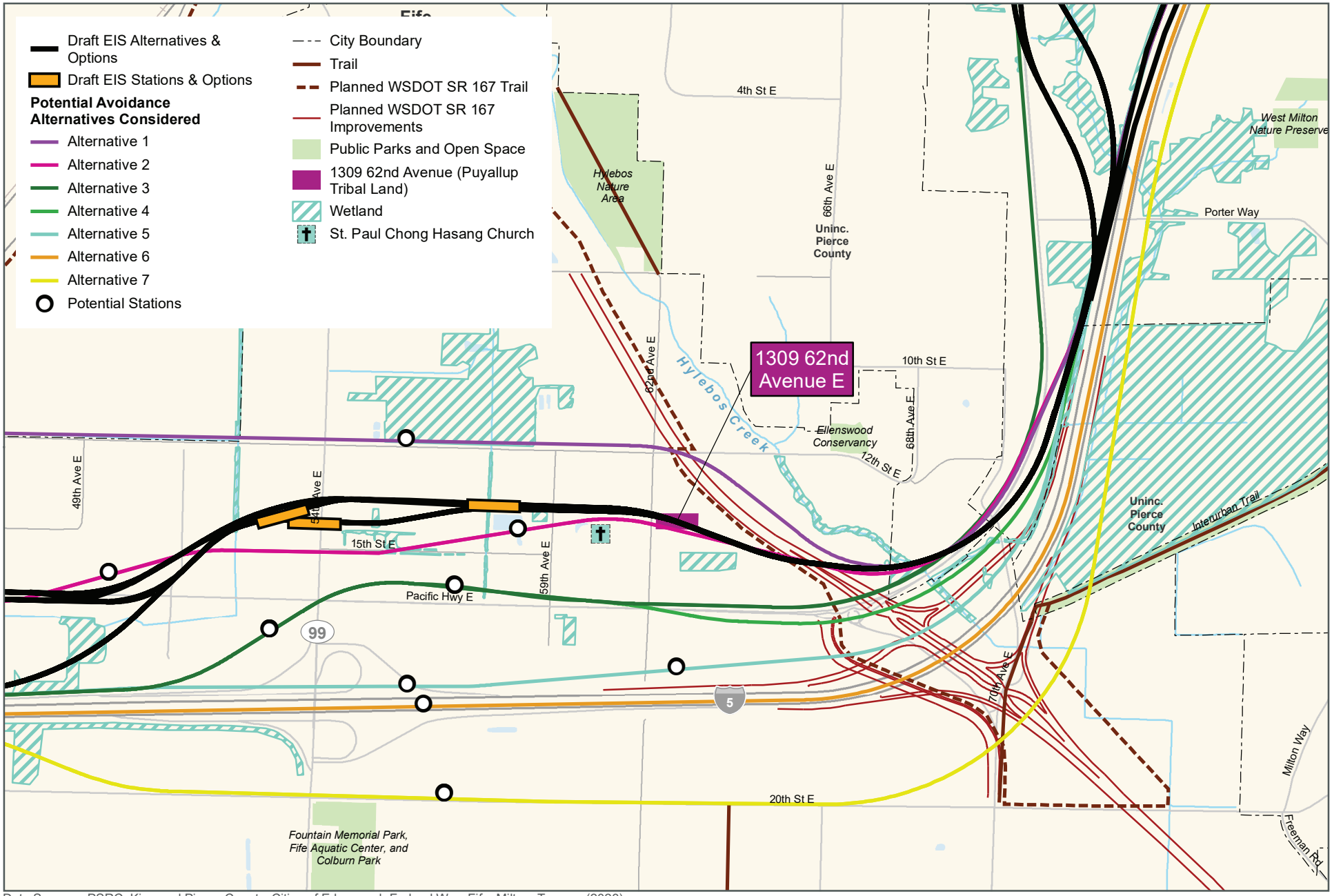

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE D-95
Potential Avoidance Alternatives Considered
Fife Segment

Tacoma Dome Link Extension

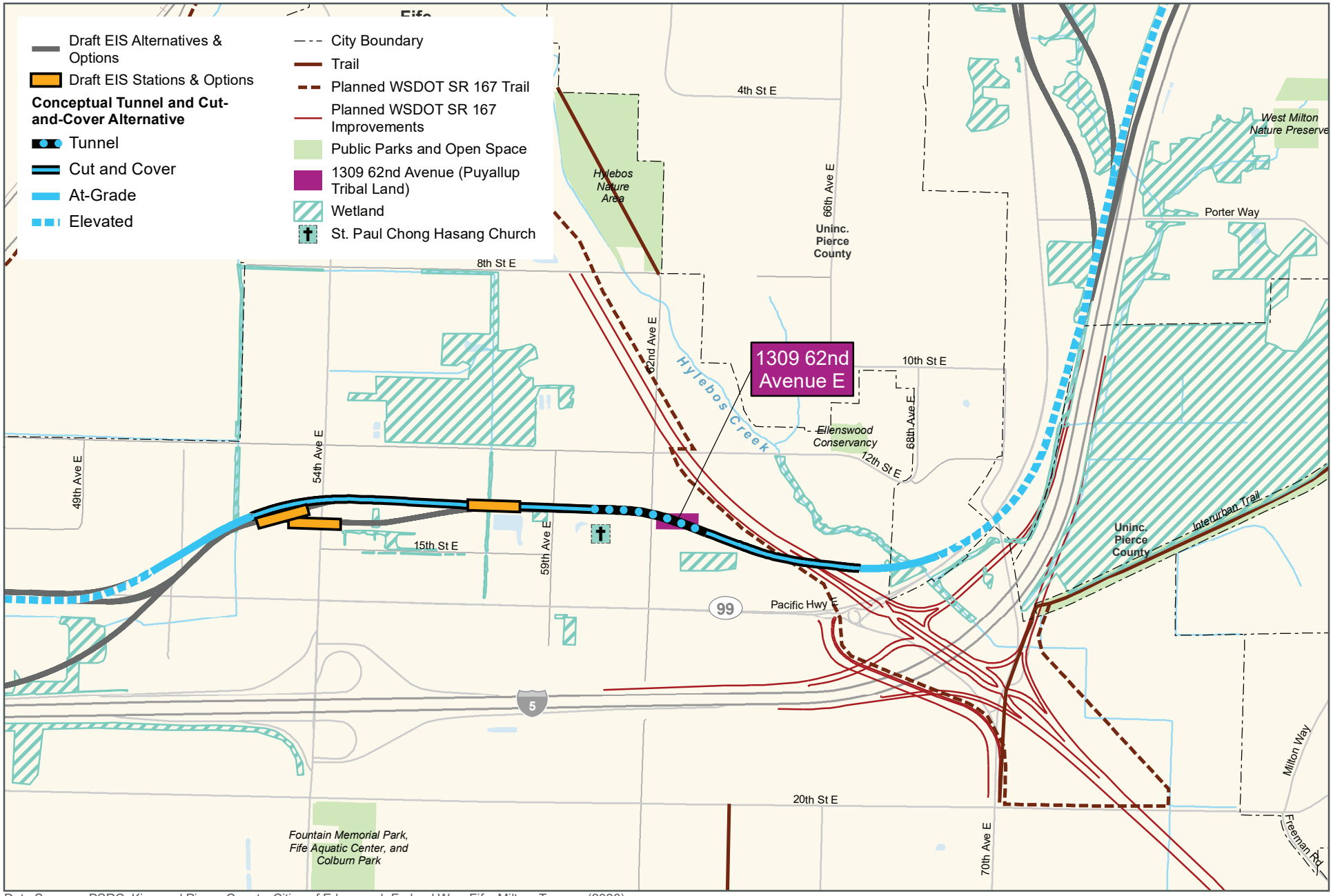

Data Sources: PSRC, King and Pierce County, Cities of Edgewood, Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE D-96
Potential Avoidance Tunnel Alternative
Fife Segment

Tacoma Dome Link Extension

Table D-9 Potential Avoidance Alternatives Evaluation of Prudence Criterion for Fife Segment (Residence at 1309 62nd Avenue E)

Prudence Criterion (23 CFR 774.17)	No-Build Alternative	Potential Avoidance Alternative 1	Potential Avoidance Alternative 2	Potential Avoidance Alternative 3	Potential Avoidance Alternative 4	Potential Avoidance Alternative 5	Potential Avoidance Alternative 6	Potential Avoidance Alternative 7	Potential Avoidance Tunnel Alternative
(i) It compromises the project to a degree that it is unreasonable to proceed with the project in light of its stated purpose and need	The No-Build Alternative would fail to provide high-quality, rapid reliable and efficient light rail transit to communities in the project corridor, inconsistent with the Sound Transit 3 Plan; it would not meet projected travel demand; it would not connect the communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit system; it would not expand mobility for the corridor and region's residents, including transit-dependent, low-income, and minority populations; and it would not encourage TOD.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.	Generally consistent with Purpose and Need.
(ii) It results in unacceptable safety or operational problems	No unique safety or operational problems.	Over 0.3 mile from nearest existing transit stop and would not support desired travel speeds; unacceptable operational problems.	Would not support desired travel speeds; unacceptable operational problem.	No unique safety or operational problems.	No unique safety or operational problems.	No unique safety or operational problems.	Would be restricted by FHWA limitations on the use of I-5 right-of-way, including severe space constraints and conflicts with anticipated future WSDOT projects related to maintaining safe and effective operations on I-5; unacceptable safety and operational problems.	No unique safety or operational problems.	Would require the Fife Station to be located underground; unacceptable operational problem.
(iii) After reasonable mitigation it still causes: **(A) Severe social, economic, or environmental impacts;** **(B) Severe disruption to established communities;** **(C) Severe disproportionate impacts to minority or low income populations; or** **(D) Severe impacts to environmental resources protected under other Federal statutes**	No.	Locating the new light rail corridor outside of the Fife City Center and away from existing East/West thoroughfares (SR 99 and I-5) would cause community disruption, including noise and visual impacts to additional residences and Tribal properties in Fife. Potential Avoidance Alternative 1 would also conflict with WSDOT's extensive Riparian Restoration and Hylebos Creek realignment project.	Would require at least partial acquisition and removal of the St. Paul Chong Hasang Church and disrupt the remainder of its campus; would also displace low-income senior apartments, Rainier View Apartments.	High impact to low-income senior housing complex (Rainier View Apartments) and the greatest property impacts of all the alternatives evaluated	High impact to low-income senior housing complex (Rainier View Apartments) and the greatest property impacts of all the alternatives evaluated.	High impacts to Hylebos Creek and Puyallup Tribe of Indians trust property and business (the Emerald Queen Casino).	Major traffic congestion impacts during work on or near I-5.	Requires high number of property acquisition and disturbance through farmlands, wetlands, and floodplains.	The Potential Avoidance Tunnel Alternative would require large portals at either end, and portal excavations would require a large amount of disturbance to achieve the necessary grade for light rail vehicles. The impact of those tunnel portals would be borne by properties and/or infrastructure adjacent to the corridor, causing a severe impact to the property owners and established communities. Additional impacts to property along the tunnel alignment would result from the installation of emergency egress locations, ventilation facilities, and access to the underground station. The portal excavation would present a massive, deep barrier to pedestrians and would create additional safety and access concerns for nonmotorized traffic. Duration of construction would also be much longer, increasing impacts and delaying transportation benefits.
(iv) It results in additional construction, maintenance, or operational costs of an extraordinary magnitude	No.	No additional costs of an extraordinary magnitude have been identified.	No additional costs of an extraordinary magnitude have been identified.	No additional costs of an extraordinary magnitude have been identified.	No additional costs of an extraordinary magnitude have been identified.	No additional costs of an extraordinary magnitude have been identified.	No additional costs of an extraordinary magnitude have been identified.	No additional costs of an extraordinary magnitude have been identified.	Likely to have substantially larger construction, maintenance, or operational costs; may be technically infeasible.

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Table D-9 Potential Avoidance Alternatives Evaluation of Prudence Criterion for Fife Segment (Residence at 1309 62nd Avenue E) (continued)

Prudence Criterion (23 CFR 774.17)	No-Build Alternative	Potential Avoidance Alternative 1	Potential Avoidance Alternative 2	Potential Avoidance Alternative 3	Potential Avoidance Alternative 4	Potential Avoidance Alternative 5	Potential Avoidance Alternative 6	Potential Avoidance Alternative 7	Potential Avoidance Tunnel Alternative
(v) It causes other unique problems or unusual factors	No.	Would require a lease of property owned by the Puyallup Tribe of Indians, located just east of 1309 62nd Avenue E. Would increase travel time, reduce ridership, and lacks opportunity for transit oriented development in Fife. Would be located outside of the Fife City Center, inconsistent with adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan.	May still impact Section 4(f) property, although potentially *de minimis.*	Potential Avoidance Alternative 3 would have major construction conflicts due to the WSDOT SR 167 improvement project and future proposed WSDOT direct connections at this interchange. Serves an SR 99 alignment from South Federal Way which was eliminated in earlier alternatives evaluations. Would cross property owned by the Puyallup Tribe of Indians.	Potential Avoidance Alternative 4 would have major construction conflicts due to the WSDOT SR 167 improvement project and future proposed WSDOT direct connections at this interchange. This alignment also would place columns in WSDOT's proposed re-aligned Hylebos Creek. High potential impacts to freight movement. Would cross property owned by the Puyallup Tribe of Indians.	Potential Avoidance Alternative 5 has a major impact to future WSDOT proposed direct connections at the SR 167 interchange; the TDLE alignment would likely need to be extremely tall to not preclude the construction of future ramps, which would result in increased costs and design challenges. Requires high-complexity property impacts, impacts on Tribal parcels, and coordination with the SR 167 project and 54th Street Interchange project. Would cross property owned by the Puyallup Tribe of Indians.	Would require widening and modification to I-5, resulting in higher construction impacts, including additional road closure and the associated traffic impacts. Construction within the I-5 right of way would pose logistical and safety challenges. Utility conflicts would also be high.	Would be located adjacent to Fountain Memorial Park, Fife Aquatic Center and Colburn Park, which could result in a *de minimis* impact. Requires an additional crossing of I-5 to the north or south, which would have high construction impacts, including additional closures of I-5 and other major roadways and associated traffic impacts. Would have major construction conflicts due to the WSDOT SR 167 improvement project and future proposed WSDOT direct connections at this interchange.	Would be technically challenging given the high water table, potential conflicts with the SR 167 Improvement project and proposed WSDOT direct connections at this interchange.
(vi) It involves multiple factors in paragraphs (3)(i) through (3)(v) of this definition, that while individually minor, cumulatively cause unique problems or impacts of extraordinary magnitude.	No.	Impact to Puyallup Tribe of Indians trust property, high cost, disruption to residential areas outside the Fife City Center, conflicts with other projects in the project area, and would not support desired travel speeds.	Would not support desired travel speeds, impact to minority-serving St. Paul Chong Hasang Church and low-income senior apartments, Rainier View Apartments.	High property impacts, including to low-income senior apartments, Rainier View Apartments; impact to Puyallup Tribe of Indians trust property; Conflicts with SR 167 improvement project and future WSDOT connections; high cost.	Major construction limitations due to the WSDOT SR 167 improvement project and future WSDOT connections; impact to Puyallup Tribe of Indians trust property; high impact to low-income senior housing complex (Rainier View Apartments) and the greatest property impacts of all the alternatives evaluated.	Conflict with Puyallup Tribe of Indians trust property, conflicts with the SR 167 improvement project and future WSDOT connections.	Major construction and temporary traffic impacts; severe space constraints on I-5.	High property impacts and disturbance through farmlands, wetlands, and floodplains and additional conflicts with existing and planned facilities.	Unacceptable operational problems related to an underground station, high property impacts, long duration of construction, the creation of a barrier to pedestrian travel, higher costs, and technical construction challenges.

Notes:
FHWA – Federal Highway Administration; I-5 – Interstate 5; TOD – transit oriented development; SR – State Route; WSDOT – Washington State Department of Transportation

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6 MEASURES TO MINIMIZE HARM

Section 4(f) also requires the consideration of measures to minimize harm to Section 4(f) resources. If there is no alternative that avoids all Section 4(f) use, the alternative with the least overall harm may be approved, but only if it includes all possible planning to mitigate harm to Section 4(f) property (23 CFR 774.3(c)). Section 4(f) requires the consideration and documentation of all possible planning to minimize harm to that property. All possible planning means “that all reasonable measures identified in the Section 4(f) evaluation to minimize harm or mitigate for adverse impacts and effects must be included in the project” (23 CFR 774.17). The proposed action includes all possible planning to minimize harm from such use.

Reasonable measures to minimize harm would preserve the characteristics that qualify a property for inclusion in the NHRP and would result in no adverse effects to a historic property as defined in 36 CFR 800.5(b). Reasonable measures to mitigate harm would resolve adverse effects as described in 36 CFR 800.6. Minimization of harm may include both alternative design modifications that reduce the amount of Section 4(f) property used and mitigation measures that compensate for residual impacts. The reasonableness of the measure is based on the preservation purpose of the statute, the views of the official(s) with jurisdiction over the Section 4(f) property, whether the cost of the measure is a reasonable public expenditure in light of the adverse impacts, and the impacts or benefits of the measure to communities or environmental resources outside of the Section 4(f) property (23 CFR 774.17).

If archaeological sites are encountered, FTA and Sound Transit would consult with the SHPO, affected Tribes, and other consulting parties about eligibility for listing in the NRHP, project effects, necessary mitigation, or other treatment measures. Examples of mitigation measures include, but are not limited to, modifying the undertaking through redesign, reorientation or other similar changes, implementing data recovery of archaeological information and materials, preparing a National Register nomination for an archaeological site, and preparing an ethnographic study. An archaeological resources monitoring and treatment plan and unanticipated discovery plan would be prepared to guide archaeological monitoring work before and during construction.

For TDLE, Sound Transit has designed alternatives that follow existing transportation corridors to the extent possible, to avoid or minimize use of Section 4(f) Resources. Potential proposed mitigation measures are identified in Table D-10 and would be confirmed and documented in a programmatic agreement or memorandum of agreement, in consultation with the SHPO, Tribes, and additional consulting parties.

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Table D-10 Proposed Measures to Minimize Harm to Section 4(f) Resources

4(f) Resource	Impacts	Potential Measures to Minimize Harm	Associated Alternative	Section 4(f) Use Assessment
South Federal Way Segment				
Montessori Academy at Spring Valley, 36605 Pacific Highway S	**Permanent:** Partial acquisition, new elevated track nearby, potential removal of mature foliage **Temporary occupancy:** Construction impacts	**Permanent:** Preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to school	SF 99-West Alternative with or without the Porter Way Design Option	Use
Residence and Stables at 36530A Pacific Highway S	**Permanent:** Partial acquisition and potential removal of screening trees; for SF 99-East Alternative, would also include demolition of a ca.1977 outbuilding **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation measures could include preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to property	SF 99-East Alternative and SF 99-West Alternative, with or without the Porter Way Design Option	Use
Residence at 36606 Pacific Highway S	**Permanent:** New elevated track nearby and potential removal of screening trees **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation measures could include the restoration of screening trees. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to property	SF 99-East Alternative with or without the Porter Way Design Option	Use
Residence at 36903 Pacific Highway S	**Permanent:** Demolition of NRHP-eligible building	**Permanent:** Potential mitigation measures could include an interpretive display on or near the property, or documentation under the Historic American Buildings Survey/Historic American Engineering Record.	SF 99-West Alternative with or without the Porter Way Design Option	Use
Site 45K101586	**Permanent:** Ground disturbing activity within archaeological site **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation measures could include protection in place, data recovery, or other measures. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction	Enchanted Parkway and SF I-5 alternatives	Use

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Table D-10 Proposed Measures to Minimize Harm to Section 4(f) Resources (continued)

4(f) Resource	Impacts	Potential Measures to Minimize Harm	Associated Alternative	Section 4(f) Use Assessment
Daffodil Motel at 7909 Pacific Highway E	**Permanent:** Partial acquisition and demolition or relocation of signage along the highway **Temporary occupancy:** Construction impacts	**Permanent:** Potential mitigation could include relocating the signage to another location on the property or to a nearby, potentially adjacent, property. If nearby relocation is infeasible, providing a new interpretive display on or near the property, documentation under the Historic American Buildings Survey/Historic American Engineering Record, or the compilation of a historic context study detailing Pacific Highway's construction in Fife and its mid-20th-century evolution as a major auto thoroughfare featuring businesses designed to attract customers traveling the highway. **Temporary:** • Typical BMPs to minimize and avoid construction impacts, such as dust or noise, would be applied • Restore disturbed areas following construction • Access maintained to property	SF 99-West Alternative with or without the Porter Way Design Option	Use
Fife Segment				
Vacant residence 1309 62nd Avenue E, Fife	**Permanent** Demolition of NRHP-eligible building	**Permanent:** Potential mitigation measures could include an interpretive display on or near the property, making the building available for relocation or documentation under the Historic American Buildings Survey/Historic American Engineering Record. The building may not have the structural integrity to withstand relocation.	All Fife Segment alternatives	Use
Pick-Quick 4306 Pacific Highway, Fife	**Permanent**: Demolition of NRHP-eligible building	**Permanent:** Potential mitigation measures could include providing a new interpretive display on or near the property, documentation under the Historic American Buildings Survey/Historic American Engineering Record, or the compilation of a historic context study detailing Pacific Highway's construction in Fife and its mid-20th-century evolution as a major auto thoroughfare featuring businesses designed to attract customers traveling the highway.	Fife Pacific Highway Alternative	Use

Notes:
BMP – best management practice; ca. – circa; NRHP – National Register of Historic Places

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7 LEAST HARM ANALYSIS

If the FTA finds that an alternative causes a Section 4(f) use and there is another feasible and prudent alternative that avoids the use of Section 4(f) resources or only results in a *de minimis* impact on Section 4(f) resources, then the alternative that causes a Section 4(f) use must be removed from consideration. But if there are no prudent and feasible alternatives that can avoid all Section 4(f) resources, then FTA must choose the alternative that will have the least overall harm in light of the statute's preservation purpose. This is called the Least Harm Analysis. The least overall harm is determined by balancing the following factors:

(i) The ability to mitigate adverse impacts to each Section 4(f) property (including any measures that result in benefits to the property);

(ii) The relative severity of the remaining harm, after mitigation, to the protected activities, attributes, or features that qualify each Section 4(f) property for protection;

(iii) The relative significance of each Section 4(f) property;

(iv) The views of the official(s) with jurisdiction over each Section 4(f) property;

(v) The degree to which each alternative meets the purpose and need for the project;

(vi) After reasonable mitigation, the magnitude of any adverse impacts to resources not protected by Section 4(f); and

(vii) Substantial differences in costs among the alternatives.

At least one Section 4(f) resource in the South Federal Way and Fife Segments would be used with any of the build alternatives, and no feasible and prudent avoidance alternative has been identified. As a result, a Least Harm Analysis for TDLE will be included in the Final EIS and will take into account Draft EIS comments from agencies with jurisdiction, the public, and consulting parties under Section 106, and possibly new information as design progresses. The alternative with the least overall harm would be selected to proceed.

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8 COORDINATION WITH OFFICIALS WITH JURISDICTION OF SECTION 4(F) RESOURCES

FTA is engaging in government-to-government consultation with the Puyallup Tribe of Indians, Muckleshoot Indian Tribe, Nisqually Indian Tribe, and the Confederated Tribes and Bands of the Yakama Nation related to significant cultural resources and property owned by the Puyallup Tribe of Indians. FTA and Sound Transit are also coordinating with the City of Federal Way regarding the open space resources along SR 99 that FTA has determined do not qualify as Section 4(f) resources. FTA and Sound Transit are also coordinating with the City of Milton regarding the West Hylebos Osaka Property. The City of Milton preliminarily concurred that TDLE would have a *de minimis* impact on that Section 4(f) resource. FTA and Sound Transit are coordinating with the SHPO and other consulting parties, including the City of Fife, Historic Preservation Officers from King County, Pierce County, City of Tacoma, and Washington Trust for Historic Preservation, regarding the Section 106 properties that qualify as Section 4(f) properties that will require use by TDLE as well as regarding any archaeological resources that may be used and the applicability of Section 4(f). Sound Transit is also coordinating with the City of Fife regarding the proposed Cappa Park, which is currently undergoing planning. The following coordination meetings with the jurisdictions regarding potential use of parks and open space resources have occurred:

- City of Fife: July 10 and August 14, 2024.
- City of Milton: July 11 and August 1, 2024.
- City of Federal Way: June 25 and August 8, 2024.

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ATTACHMENT D.1

Section 4(f) Status of Parks and Recreational Resources in the Study Area

Table D.1-1. Parks and Recreational Section 4(f) Resources

Resource Name	Resource Type/Primary Use	Size	Significant Resource? Yes/No	4(f) Resource? Yes/No
Federal Way Segment				
Cedar Grove Park	Neighborhood park with picnic facilities, play equipment, paved trails, basketball court, and grassy open space	2.7 acres	Yes	Yes
South Federal Way Segment				
West Hylebos Osaka Property	Public conservation area, public access to Hylebos Creek	1.7 acres	Yes	Yes
Fife Segment				
Interurban Trail connection and sp yal pa š Trail[1] (Planned)	Shared-use path connecting the Interurban Trail to the sp yal pa š Trail that is planned to connect Puyallup, Fife, and downtown Tacoma. The connection to the Interurban Trail and a short section of the path across the Wapato Way E Bridge has been constructed as part of WSDOT's SR 167 Completion Project	4 miles (of 7–9 mile total project)	Yes	No, primary purpose is transportation[2]
Cappa Park (Planned)	Proposed to be developed with an outdoor swimming pool and permanent building structures to accommodate supporting amenities, as well as parking and a small pocket park with a playground and walking path, all with egress from Pacific Highway E (City of Fife 2022a and 2022b).	4.2 acres	Yes	Yes

Table D.1-1 Parks and Recreational Section 4(f) Resources (continued)

Resource Name	Resource Type/Primary Use	Size	Significant Resource? Yes/No	4(f) Resource? Yes/No
Tacoma Segment				
sp yal pa š Trail[1] (Planned)	Shared-use path connecting Tacoma to Fife, the Interurban Trail, and Puyallup. In Tacoma, the path is part of the city's Puyallup Avenue Complete Streets project and connects to the Thea Foss Esplanade	1.2 miles (of 7-9-mile total project)	Yes	No, primary purpose is transportation[3]

Note: All parks are assumed to be significant resources, pending confirmation by the owning jurisdiction.

(1) The sp yal pa š Trail was previously called the Tacoma to Puyallup Regional Trail during the planning process for the trail.

(2) 23 CFR 774.13(f)(4) provides an exception to Section 4(f) regulations for trails, paths, bikeways, and sidewalks that are part of the local transportation system and that function primarily for transportation. This trail meets the exception criteria because it is a multiuse trail that is part of both the local and regional transportation system; its primary function is for transportation.

(3) This trail also meets the 23 CFR 774.13(f)(4) criteria as an exception to Section 4(f) regulations because it is a multiuse trail that is also part of the local and regional transportation system, and the primary function is for transportation.

ATTACHMENT D.2

Correspondence

Docusign Envelope ID: 77765D35-F2BB-4D5A-861F-910251B0168B

SOUNDTRANSIT

August 15, 2024

Angelie Stahlnecker
Planning Manager
City of Milton
1000 Laurel Street
Milton, WA 98354

Subject: Tacoma Dome Link Extension Project
Section 4(f) Preliminary Concurrence Request

Dear Ms. Stahlnecker:

As part of the Tacoma Dome Link Extension Draft Environmental Impact Statement (EIS) documentation process, Sound Transit and the Federal Transit Administration (FTA), as the lead federal agency, are evaluating the potential impacts of the project on public parks and recreational facilities, wildlife/waterfowl refuges, and historic resources with regards to Section 4(f). Sound Transit is working with the FTA to prepare a draft Section 4(f) Evaluation that describes the impacts of the project on these resources. The draft Section 4(f) Evaluation will be included in the Draft EIS and is expected to be distributed to the Tribes, public and agencies for comment late this year or early 2025.

The U.S. Department of Transportation Act of 1966 requires a Section 4(f) Evaluation. Under the Act, FTA cannot approve a transportation project such as the Tacoma Dome Link Extension that requires the use of publicly-owned land from a significant public park, recreation area, or wildlife and waterfowl refuge, or any land from a significant historic site, unless a determination is made that:

- There is no feasible and prudent avoidance alternative, as defined in § 774.17, to the use of land from the property; and
- The action includes all possible planning, as defined in § 774.17, to minimize harm to the property resulting from such use; or
- The Administration determines that the use of the property, including any measure(s) to minimize harm (such as any avoidance, minimization, mitigation, or enhancement measures), will have a *de minimis* impact. A *de minimis* impact (23 CFR 774.17) is one that will not adversely affect the features, attributes, or activities qualifying the property for protection under Section 4(f).

Federal guidance encourages early coordination with officials with jurisdiction of the Section 4(f) resource to ascertain the position of the officials to obtain their preliminary views. The intent of our letter is to continue that coordination between Sound Transit and City of Milton staff regarding the project's potential impacts to parks and recreation resources. Within the City of Milton, the Osaka Property appears to be subject to Section 4(f) protection because the City has identified it as a "natural area resource" in the City's 2024 Parks Recreation and Open Space Plan, illustrating its local significance with a primary purpose for preservation of natural areas and stormwater management. Throughout the EIS process and project design, Sound Transit and FTA will continue to consult with the City to further detail specific mitigation plans for the Osaka Property.

Federal regulations stipulate that "officials with jurisdiction over the Section 4(f) resource must concur in writing" with a *de minimis* finding (23 CFR 774.5(2)). The

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regulations also require that an opportunity for public review and comment concerning the effects of the project on the Section 4(f) resource be provided. This requirement will be met with the distribution of the Draft EIS for review and comment by the public, agencies, and organizations. FTA will request final concurrence in writing by the City of Milton on the *de minimis* findings following the comment period for the Draft EIS. At that time, it is anticipated that the City will provide final concurrence on *de minimis* determination for the Osaka Property. Following the City's written concurrence, FTA will make final Section 4(f) *de minimis*, and the Final EIS will include documentation of the City's concurrence and FTA's determination.

At this time, Sound Transit is requesting the City's concurrence with FTA's preliminary *de minimis* impact determination for the Osaka Property that is anticipated to be affected by the project. The City's preliminary concurrence will be included in the Draft EIS for purposes of the analysis and inform the public and other agencies of the City's initial opinion regarding the Section 4(f) uses of this resource. **Figure 1** shows where the Porter Way Design Option, with either the SF 99-West or SF 99-East alternatives, would cross west side of the Osaka Property.

The Porter Way Design Option, with the SF 99-West or SF 99-East alternatives, would permanently incorporate approximately 0.02 acre (approximately less than 1 percent of the total area) of the property to accommodate the project and would temporarily occupy approximately 0.13 additional acre during construction, as shown **Figure 1**. The area affected would be along the western edge of the property that fronts SR 99. This area provides access to the property from SR 99, but, is currently overgrown with vegetation and does not appear to contribute to the significant features of the property that are further to the east (open space and access to Hylebos Creek). Access from SR 99 to the Hylebos Creek on this parcel may be temporarily disrupted during construction. Temporary disruptions to access this property during construction would be coordinated with the City. The temporarily impacted area would be restored when construction is completed. Given that the project's impacts would not adversely affect the features, attributes, or activities that qualify the resource for protection under Section 4(f), Sound Transit requests the City's preliminary concurrence that the Porter Way Design Option with SF 99-West or SF 99-East alternatives would have a *de minimis* use.

We ask that you provide preliminary concurrence by returning this letter with your signature below. Sound Transit acknowledges that a formal concurrence from the City of Milton will require further discussions and review of public comments received on the Draft EIS.

Sound Transit appreciates the City's continued coordination on the Osaka Property. We are requesting response to this request within 30 days in order to incorporate the city's response in the Draft EIS. Please contact me or Elma Borbe at (206) 398-5445 or elma.borbe@soundtransit.org if you have any questions.

Sincerely,

Signed by:
Erin Green
Erin Green
South Corridor Environmental Manager
erin.green@soundtransit.org
(206) 398-5464

Signed by:
Angelie Stahlnecker
745DBDB412010448...

9/3/2024

Angelie Stahlnecker, Planning Manager — Date

Concurrence

cc: Dustin Madden, Public Works Director
Curvie Hawkins, TDLE Project Director
Elma Borbe, Environmental Planner

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

September 23, 2024

Susan Fletcher
Regional Administrator
Federal Transit Administration
915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002

In future correspondence please refer to:
Project Tracking Code: 2018-02-01251
Property: Tacoma Dome Link Extension
Re: Adverse Effect

Dear Susan Fletcher:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced proposal. This action has been reviewed on behalf of the State Historic Preservation Officer (SHPO) under provisions of Section 106 of the National Historic Preservation Act of 1966 (as amended) and 36 CFR Part 800. Our review is based upon documentation contained in your communication: Historic and Archaeological Technical Report.

First, we concur that Property ID: 31927 Residence 1309 62nd Ave E, Fife, Washington 98424 is eligible for listing in the National Register of Historic Places (NRHP) under Criterion A, B and C. We also concur that Archaeological site 45PI1557 is eligible for listing in the NRHP.

Finally, we concur that the project as proposed will have an adverse effect on resources listed in, or eligible for listing in, the National Register of Historic Places due to the demolition of the Historic-era residential structure at 1309 62nd Avenue East and to Site 45PI1557 under all project alternatives.

Given our adverse effect determination, we look forward to developing a Programmatic Agreement to resolve adverse effects to historic properties.

Also, we appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive as you consult for this project. Our comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer in conformance with Section 106.

Thank you for the opportunity to review and comment. Should you have any questions, please feel free to contact me.

Sincerely,

Maureen Elenga, M.A.
Transportation Reviewer
(360) 972-4539
Maureen.Elenga@dahp.wa.gov

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

CONCEPTUAL DESIGN DRAWINGS

Appendix F

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

SOUND TRANSIT
TACOMA DOME LINK EXTENSION

DRAFT - EIS

MAY 2020

PROJECT LOCATION MAP

SOUND TRANSIT TACOMA DOME LINK EXTENSION

GENERAL DRAWINGS

1	A00-GX00	Project Location Map
2	A00-GX01	SHEET INDEX
3	A00-GX02	SHEET INDEX
4	GXS01	SF ENCHANTED PARKWAY ALTERNATIVE SHEET INDEX KEY MAP
5	GXS02	SF 352ND SPAN STATION OPTION SHEET INDEX KEY MAP
6	GXS03	SOUTH FEDERAL WAY I-5 ALTERNATIVE SHEET INDEX KEY MAP
7	GXS04	SF DESIGN OPTION SHEET INDEX KEY MAP
8	GXS05	FIFE PACIFIC HIGHWAY ALTERNATIVE SHEET INDEX KEY MAP
9	GXS06	FIFE MEDIAN ALTERNATIVE SHEET INDEX KEY MAP
10	GXS07	FIFE I-5 ALTERNATIVE SHEET INDEX KEY MAP
11	GXS08	TACOMA 25TH STREET - WEST ALTERNATIVE SHEET INDEX KEY MAP
12	GXS09	TACOMA 25TH STREET - EAST ALTERNATIVE SHEET INDEX KEY MAP
13	GXS10	TACOMA CLOSE TO SOUNDER ALTERNATIVE SHEET INDEX KEY MAP
14	GXS11	TACOMA 26TH STREET ALTERNATIVE SHEET INDEX KEY MAP
15	GXS12	PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - WEST SHEET INDEX KEY MAP
16	GXS13	PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST SHEET INDEX KEY MAP
17	GXS14	PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER SHEET INDEX KEY MAP
18	GXS15	PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET SHEET INDEX KEY MAP
19	GXS16	PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION SHEET INDEX KEY MAP

FEDERAL WAY AND SOUTH FEDERAL WAY SEGMENTS*
SF 99-WEST AND SF 99-EAST ALTERNATIVES SEE ADDENDUM 1

SF ENCHANTED PARKWAY ALTERNATIVE

20	A00-KAP01	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1500+00 TO STA 1525+00
21	A00-KAP02	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1525+00 TO STA 1550+00
22	A00-KAP03	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1550+00 TO STA 1575+00
23	A00-KAP04	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1575+00 TO STA 1600+00
24	A00-KAP05	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1600+00 TO STA 1625+00
25	A00-KAP06	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1625+00 TO STA 1650+00
26	A00-KAP07	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1650+00 TO STA 1820+00
27	A00-KAP08	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1820+00 TO STA 1850+00
28	A00-KAP09	SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1850+00 TO STA 1878+00

SF ENCHANTED PARKWAY STATION ALTERNATIVE

29	A00-ASP101	SF ENCHANTED PARKWAY STATION SITE PLAN
30	A00-ASP102	SF ENCHANTED PARKWAY STATION SITE PLAN - SURFACE PARKING OPTION
31	A00-APP101	SF ENCHANTED PARKWAY STATION TYPICAL GARAGE PLAN
32	A00-APP102	SF ENCHANTED PARKWAY STATION PLAZA LEVEL PLAN
33	A00-APP103	SF ENCHANTED PARKWAY STATION MEZZANINE LEVEL PLAN
34	A00-APP104	SF ENCHANTED PARKWAY STATION PLATFORM LEVEL PLAN
35	A00-ASX101	SF ENCHANTED PARKWAY STATION SECTIONS SF 35ND SPAN STATION OPTION
36	A1B-KAP05	352ND SPAN STATION OPTION TRACK PLAN AND PROFILE STA 1600+00 TO STA 1625+00
37	A1B-ASP101	352ND SPAN STATION OPTION SITE PLAN
38	A1B-APP101	352ND SPAN STATION OPTION PLAZA LEVEL PLAN
39	A1B-APP102	352ND SPAN STATION OPTION MEZZANINE LEVEL PLAN
40	A1B-APP103	352ND SPAN STATION OPTION PLATFORM LEVEL PLAN
41	A1B-ASX101	352ND SPAN STATION OPTION SECTIONS

SOUTH FEDERAL WAY I-5 ALTERNATIVE

42	C00-KAP03	SF I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 1565+00 TO STA 1575+00
43	C00-KAP04	SF I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 1575+00 TO STA 1600+00
44	C00-KAP05	SF I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 1600+00 TO STA 1625+00
45	C00-KAP06	SF I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 1625+00 TO STA 1650+00
46	C00-KAP07	SF I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 1650+00 TO STA 1675+00
47	C00-KAP08	SF I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 1675+00 TO STA 1679+41.62

SF I-5 STATION

48	C00-ASP101	SF I-5 STATION SITE PLAN
49	C00-ASP102	SF I-5 STATION SITE PLAN - SURFACE PARKING OPTION
50	C00-APP101	SF I-5 STATION TYPICAL GARAGE PLAN
51	C00-APP102	SF I-5 STATION PLAZA LEVEL PLAN
52	C00-APP103	SF I-5 STATION PLATFORM LEVEL PLAN
53	C00-ASX101	SF I-5 STATION SECTIONS

SF DESIGN OPTION

54	B00-KAP01	SF DESIGN OPTION - 55MPH TRACK PLAN AND PROFILE STA 1500+00 TO STA 1525+00
55	B00-KAP02	SF DESIGN OPTION - 55MPH TRACK PLAN AND PROFILE STA 1525+00 TO STA 1532+00

FIFE SEGMENT
FIFE PACIFIC HIGHWAY ALTERNATIVE

56	A00-KAP10	ALL SFW TO FIFE ALTERNATIVES TRACK PLAN AND PROFILE STA 1878+00 TO STA 1901+00
57	A00-KAP11	ALL SFW TO FIFE ALTERNATIVES TRACK PLAN AND PROFILE STA 1901+00 TO STA 1926+00
58	A00-KAP12	ALL SFW TO FIFE ALTERNATIVES TRACK PLAN AND PROFILE STA 1926+00 TO STA 1951+00
59	A00-KAP13	ALL SFW TO FIFE ALTERNATIVES TRACK PLAN AND PROFILE STA 1951+00 TO STA 2000+00
60	A00-KAP13a	FIFE PACIFIC HIGHWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 2000+00 TO STA 2007+00
61	A00-KAP14	FIFE PACIFIC HIGHWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 2007+00 TO STA 2032+00
62	A00-KAP15	FIFE PACIFIC HIGHWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 2032+00 TO STA 2057+00
63	A00-KAP16	FIFE PACIFIC HIGHWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 2057+00 TO STA 2082+00
64	A00-KAP17	FIFE PACIFIC HIGHWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 2082+00 TO STA 2204+00

FIFE MEDIAN ALTERNATIVE

65	A3B-KAP13	FIFE MEDIAN ALTERNATIVE TRACK PLAN AND PROFILE STA 2000+00 TO STA 2007+00
66	A3B-KAP14	FIFE MEDIAN ALTERNATIVE TRACK PLAN AND PROFILE STA 2007+00 TO STA 2032+00
67	A3B-KAP15	FIFE MEDIAN ALTERNATIVE TRACK PLAN AND PROFILE STA 2032+00 TO STA 2057+00
68	A3B-KAP16	FIFE MEDIAN ALTERNATIVE TRACK PLAN AND PROFILE STA 2057+00 TO STA 2082+00
69	A3B-KAP17	FIFE MEDIAN ALTERNATIVE TRACK PLAN AND PROFILE STA 2082+00 TO STA 2097+42.68

FIFE I-5 ALTERNATIVE

70	D00-KAP05	FIFE I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 2000+00 TO STA 2025+00
71	D00-KAP06	FIFE I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 2025+00 TO STA 2050+00
72	D00-KAP07	FIFE I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 2050+00 TO STA 2075+00
73	D00-KAP08	FIFE I-5 ALTERNATIVE TRACK PLAN AND PROFILE STA 2075+00 TO STA 2100+12.23

PREFERRED FIFE STATION

74	A02-ASP101	PREFERRED FIFE STATION SITE PLAN
75	A02-ASP102	PREFERRED FIFE STATION SITE PLAN - SURFACE PARKING OPTION
76	A02-APP101	PREFERRED FIFE STATION TYPICAL GARAGE PLAN
77	A02-APP102	PREFERRED FIFE STATION PLAZA LEVEL PLAN
78	A02-APP103	PREFERRED FIFE STATION PLATFORM LEVEL PLAN
79	A02-ASX101	PREFERRED FIFE STATION SECTIONS

FIFE 54TH AND 54TH SPAN STATION OPTIONS SEE ADDENDUM 1

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE

80	A00-KAP18	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 2204+00 TO TA 2229+00
81	A00-KAP19	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 2229+00 TO STA 2254+00
82	A00-KAP20	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 2254+00 TO STA 2279+00
83	A00-KAP21	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 2279+00 TO STA 2297+00

PORTLAND AVENUE STATION

84	A03-ASP100	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE PORTLAND AVENUE STATION KEY PLAN
85	A03-ASP101	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE PORTLAND AVENUE STATION SITE PLAN
86	A03-APP101	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE PORTLAND AVENUE STATION PLAZA LEVEL PLAN
87	A03-APP102	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE PORTLAND AVENUE STATION MEZZANINE LEVEL PLAN
88	A03-APP103	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE PORTLAND AVENUE STATION PLATFORM LEVEL PLAN
89	A03-ASX101	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE PORTLAND AVENUE STATION SECTIONS

PREFERRED TACOMA 25TH STREET-WEST STATION

90	A04-ASP101	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TACOMA 25TH -WEST STATION SITE PLAN
91	A04-ASP102	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TACOMA 25TH - WEST STATION SITE PLAN - TRANSIT INTEGRATION
92	A04-APP101	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TACOMA 25TH - WEST STATION PLAZA LEVEL PLAN
93	A04-APP102	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TACOMA 25TH - WEST STATION MEZZANINE LEVEL PLAN
94	A04-APP103	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TACOMA 25TH - WEST STATION PLATFORM LEVEL PLAN
95	A04-ASX101	PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE TACOMA 25TH - WEST STATION SECTIONS

TACOMA 25TH STREET-EAST ALTERNATIVE

96	F0A-KAP19	TACOMA 25TH STREET - EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 2230+00 TO STA 2255+00
97	F0A-KAP20	TACOMA 25TH STREET - EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 2255+00 TO STA 2280+00
98	F0A-KAP21	TACOMA 25TH STREET - EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 2280+00 TO STA 2297+00

PORTLAND AVENUE STATION

99	F0A-ASP100	TACOMA 25TH STREET - EAST ALTERNATIVE PORTLAND AVENUE STATION KEY PLAN
100	F0A-ASP101	TACOMA 25TH STREET - EAST ALTERNATIVE PORTLAND AVENUE STATION SITE PLAN
101	F0A-APP101	TACOMA 25TH STREET - EAST ALTERNATIVE PORTLAND AVENUE STATION PLAZA LEVEL PLAN
102	F0A-APP102	TACOMA 25TH STREET - EAST ALTERNATIVE PORTLAND AVENUE STATION MEZZANINE LEVEL PLAN
103	F0A-APP103	TACOMA 25TH STREET - EAST ALTERNATIVE PORTLAND AVENUE STATION PLATFORM LEVEL PLAN
104	F0A-ASX101	TACOMA 25TH STREET - EAST ALTERNATIVE PORTLAND AVENUE STATION SECTIONS

TACOMA 25TH STREET EAST STATION

105	FA-ASP101	TACOMA 25TH STREET - EAST ALTERNATIVE TACOMA 25TH STREET - EAST STATION SITE PLAN
106	FA-ASP102	TACOMA 25TH STREET - EAST ALTERNATIVE TACOMA 25TH STREET - EAST STATION SITE PLAN - TRANSIT INTEGRATION
107	FA-APP101	TACOMA 25TH STREET - EAST ALTERNATIVE TACOMA 25TH STREET - EAST STATION PLAZA LEVEL PLAN
108	FA-APP102	TACOMA 25TH STREET - EAST ALTERNATIVE TACOMA 25TH STREET - EAST STATION MEZZANINE LEVEL PLAN
109	FA-APP103	TACOMA 25TH STREET - EAST ALTERNATIVE TACOMA 25TH STREET - EAST STATION PLATFORM LEVEL PLAN
110	FA-ASX101	TACOMA 25TH STREET - EAST ALTERNATIVE TACOMA 25TH STREET - EAST STATION SECTIONS

TACOMA CLOSE TO SOUNDER ALTERNATIVE

111	E0A-KAP19	TACOMA CLOSE TO SOUNDER ALTERNATIVE TRACK PLAN AND PROFILE STA 2229+00 TO STA 2254+00
112	E0A-KAP20	TACOMA CLOSE TO SOUNDER ALTERNATIVE TRACK PLAN AND PROFILE STA 2254+00 TO STA 2279+00
113	E0A-KAP21	TACOMA CLOSE TO SOUNDER ALTERNATIVE TRACK PLAN AND PROFILE STA 2279+00 TO STA 2295+59.18

* NOTE: THE 1.4-MILE PORTION OF GUIDEWAY IN THE FEDERAL WAY SEGMENT IS PLANNED TO BE CONSTRUCTED BY THE OMF SOUTH PROJECT. DESIGN FOR THE OMF SOUTH IS CURRENTLY UNDERWAY.

SOUNDTRANSIT HDR

SHEET INDEX

A00-GX01
2

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

PORTLAND AVENUE STATION

114 E0A-ASP100 TACOMA CLOSE TO SOUNDER ALTERNATIVE PORTLAND AVENUE STATION KEY PLAN
115 E0A-ASP101 TACOMA CLOSE TO SOUNDER ALTERNATIVE PORTLAND AVENUE STATION SITE PLAN
116 E0A-APP101 TACOMA CLOSE TO SOUNDER ALTERNATIVE PORTLAND AVENUE STATION PLAZA LEVEL PLAN
117 E0A-APP102 TACOMA CLOSE TO SOUNDER ALTERNATIVE PORTLAND AVENUE STATION MEZZANINE LEVEL PLAN
118 E0A-APP103 TACOMA CLOSE TO SOUNDER ALTERNATIVE PORTLAND AVENUE STATION PLATFORM LEVEL PLAN
119 E0A-ASX101 TACOMA CLOSE TO SOUNDER ALTERNATIVE PORTLAND AVENUE STATION SECTIONS CLOSE TO SOUNDER STATION
120 E00-ASP101 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION SITE PLAN
121 E00-ASP102 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION SITE PLAN - TRANSIT INTEGRATION
122 E00-ASP103 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION 25TH STREET ONE-WAY OPTION SITE PLAN - TRANSIT INTEGRATION
123 E00-ASP104 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION 25TH STREET TWO-WAY ONLY OPTION SITE PLAN - TRANSIT INTEGRATION
124 E00-APP101 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION PLAZA LEVEL PLAN
125 E00-APP102 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION MEZZANINE LEVEL PLAN
126 E00-APP103 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION PLATFORM LEVEL PLAN
127 E00-ASX101 TACOMA CLOSE TO SOUNDER ALTERNATIVE TACOMA CLOSE TO SOUNDER STATION SECTIONS

TACOMA 26TH ALTERNATIVE

128 G0A-KAP19 TACOMA 26TH STREET ALTERNATIVE TRACK PLAN AND PROFILE STA 2230+00 TO STA 2255+00
129 G0A-KAP20 TACOMA 26TH STREET ALTERNATIVE TRACK PLAN AND PROFILE STA 2255+00 TO STA 2280+00
130 G0A-KAP21 TACOMA 26TH STREET ALTERNATIVE TRACK PLAN AND PROFILE STA 2280+00 TO STA 2305+00

PORTLAND AVENUE STATION

131 G0A-ASP100 TACOMA 26TH STREET ALTERNATIVE PORTLAND AVENUE STATION KEY PLAN
132 G0A-ASP101 TACOMA 26TH STREET ALTERNATIVE PORTLAND AVENUE STATION SITE PLAN
133 G0A-APP101 TACOMA 26TH STREET ALTERNATIVE PORTLAND AVENUE STATION PLAZA LEVEL PLAN
134 G0A-APP102 TACOMA 26TH STREET ALTERNATIVE PORTLAND AVENUE STATION MEZZANINE LEVEL PLAN
135 G0A-APP1 03 TACOMA 26TH STREET ALTERNATIVE PORTLAND AVENUE STATION PLATFORM LEVEL PLAN
136 G0A-ASX101 TACOMA 26TH STREET ALTERNATIVE PORTLAND AVENUE STATION SECTIONS

TACOMA 26TH STREET STATION

137 GA-ASP101 TACOMA 26TH STREET ALTERNATIVE TACOMA 26TH STREET STATION SITE PLAN
138 GA-ASP102 TACOMA 26TH STREET ALTERNATIVE TACOMA 26TH STREET STATION SITE PLAN - TRANSIT INTEGRATION
139 GA-APP101 TACOMA 26TH STREET ALTERNATIVE TACOMA 26TH STREET STATION PLAZA LEVEL PLAN
140 GA-APP102 TACOMA 26TH STREET ALTERNATIVE TACOMA 26TH STREET STATION MEZZANINE LEVEL PLAN
141 GA-APP103 TACOMA 26TH STREET ALTERNATIVE TACOMA 26TH STREET STATION PLATFORM LEVEL PLAN
142 GA-ASX101 TACOMA 26TH STREET ALTERNATIVE TACOMA 26TH STREET STATION SECTIONS

PORTLAND AVENUE DESIGN OPTION (AND SPAN STATION OPTION)
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH-STREET-WEST

143 A4B-KAP19 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TRACK PLAN AND PROFILE STA 2229+00 TO STA 2254+00
144 A4B-KAP20 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TRACK PLAN AND PROFILE STA 2254+00 TO STA 2279+00
145 A4B-KAP21 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TRACK PLAN AND PROFILE STA 2279+00 TO STA 2297+00

PORTLAND AVENUE SPAN STATION OPTION

146 A4B-ASP101A PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE SITE PLAN
147 A4B-APP101A PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE PLAZA LEVEL PLAN
148 A4B-APP102A PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE MEZZANINE LEVEL PLAN
149 A4B-APP103A PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE PLATFORM LEVEL PLAN
150 A4B-ASX101A PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE SECTIONS

TACOMA 25TH STREET-WEST STATION

151 A04B-ASP101 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TACOMA 25TH STREET - WEST STATION SITE PLAN
152 A04B-ASP102 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TACOMA 25TH STREET - WEST STATION SITE PLAN - TRANSIT INTEGRATION
153 A04B-APP101 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TACOMA 25TH STREET - WEST STATION PLAZA LEVEL PLAN
154 A04B-APP102 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TACOMA 25TH STREET - WEST STATION MEZZANINE LEVEL PLAN
155 A04B-APP103 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TACOMA 25TH STREET - WEST STATION PLATFORM LEVEL PLAN
156 A04B-ASX101 PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST TACOMA 25TH STREET - WEST STATION SECTIONS

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET-EAST

157 F0B-KAP19 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TRACK PLAN AND PROFILE STA 2230+00 TO STA 2255+00
158 F0B-KAP20 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TRACK PLAN AND PROFILE STA 2255+00 TO STA 2280+00
159 F0B-KAP21 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TRACK PLAN AND PROFILE STA 2280+00 TO STA 2289+98.72

PORTLAND AVE SPAN STATION OPTION

160 FB-ASP100A PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE SITE PLAN
161 FB-APP101A PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE PLAZA LEVEL PLAN
162 FB-APP102A PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE MEZZANINE LEVEL PLAN
163 FB-APP103A PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE PLATFORM LEVEL PLAN
164 FB-ASX101A PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE SECTIONS

TACOMA 25TH STREET-EAST STATION

165 F0B-ASP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TACOMA 25TH STREET - EAST STATION SITE PLAN
166 F0B-ASP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TACOMA 25TH STREET - EAST STATION SITE PLAN - TRANSIT INTEGRATION
167 F0B-APP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TACOMA 25TH STREET - EAST STATION PLAZA LEVEL PLAN
168 F0B-APP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TACOMA 25TH STREET - EAST STATION MEZZANINE LEVEL PLAN
169 F0B-APP103 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TACOMA 25TH STREET - EAST STATION PLATFORM LEVEL PLAN
170 F0B-ASX101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST TACOMA 25TH STREET - EAST STATION SECTIONS

PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER

171 E0B-KAP19 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TRACK PLAN AND PROFILE STA 2229+00 TO STA 2254+00
172 E0B-KAP20 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TRACK PLAN AND PROFILE STA 2254+00 TO STA 2279+00
173 E0B-KAP21 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TRACK PLAN AND PROFILE STA 2279+00 TO STA 2297+00

PORTLAND AVE SPAN STATION OPTION

174 EB-ASP100 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER PORTLAND AVENUE - SPAN STATION OPTION KEY PLAN
175 EB-ASP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER PORTLAND AVENUE - SPAN STATION OPTION SITE PLAN
176 EB-APP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER PORTLAND AVENUE - SPAN STATION OPTION PLAZA LEVEL PLAN
177 EB-APP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER PORTLAND AVENUE - SPAN STATION OPTION PLATFORM LEVEL PLAN
178 EB-ASX101 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER PORTLAND AVENUE - SPAN STATION OPTION SECTIONS

CLOSE TO SOUNDER STATION

179 E0B-ASP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION SITE PLAN
180 E0B-ASP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION SITE PLAN - TRANSIT - BASE OPTION
181 E0B-ASP103 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION SITE PLAN - TRANSIT - 25TH STREET ONE-WAY OPTION
182 E0B-ASP104 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION SITE PLAN - TRANSIT - 25TH STREET TWO-WAY TRANSIT ONLY OPTION
183 E0B-APP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION PLAZA LEVEL PLAN
184 E0B-APP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION MEZZANINE LEVEL PLAN
185 E0B-APP103 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION PLATFORM LEVEL PLAN
186 E0B-ASX101 PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER TACOMA CLOSE TO SOUNDER STATION SECTIONS

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET

187 G0B-KAP19 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TRACK PLAN AND PROFILE STA 2230+00 TO STA 2255+00
188 G0B-KAP20 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TRACK PLAN AND PROFILE STA 2255+00 TO STA 2280+00
189 G0B-KAP21 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TRACK PLAN AND PROFILE STA 2280+00 TO STA 2305+00

PORTLAND AVENUE SPAN STATION OPTION

190 G0B-ASP100 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET PORTLAND AVENUE - SPAN STATION OPTION KEY PLAN
191 G0B-ASP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET PORTLAND AVENUE - SPAN STATION OPTION SITE PLAN
192 G0B-APP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET PORTLAND AVENUE - SPAN STATION OPTION PLAZA LEVEL PLAN
193 G0B-APP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET PORTLAND AVENUE - SPAN STATION OPTION PLATFORM LEVEL PLAN
194 G0B-ASX101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET PORTLAND AVENUE - SPAN STATION OPTION SECTIONS

TACOMA 26TH STREET STATION

195 GB-ASP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TACOMA 26TH STREET STATION SITE PLAN
196 GB-ASP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TACOMA 26TH STREET STATION SITE PLAN - TRANSIT INTEGRATION
197 GB-APP101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TACOMA 26TH STREET STATION PLAZA LEVEL PLAN
198 GB-APP102 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TACOMA 26TH STREET STATION MEZZANINE LEVEL PLAN
199 GB-APP103 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TACOMA 26TH STREET STATION PLATFORM LEVEL PLAN
200 GB-ASX101 PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET TACOMA 26TH STREET STATION SECTIONS

PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION

201 A3C-KAP18 PUYALLUP RIVER CROSSING PIER - SUPPORTED BRIDGE OPTION TRACK PLAN AND PROFILE STA 2204+00 TO STA 2229+00
202 A3C-KAP19 PUYALLUP RIVER CROSSING PIER - SUPPORTED BRIDGE OPTION TRACK PLAN AND PROFILE STA 2229+00 TO STA 2242+00

OPTIONAL PORTLAND AVENUE STATION BIKE AND PEDESTRIAN BRIDGES (TO BE CONSTRUCTED BY OTHERS)

203 PORTLAND AVENUE STATION OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - WEST OPTION
204 PORTLAND AVENUE STATION OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - EAST OPTION
205 PORTLAND AVENUE SPAN STATION OPTION OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - WEST OPTION
206 PORTLAND AVENUE SPAN STATION OPTION OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - EAST OPTION
207 PORTLAND AVE STATION SITE SECTION - PORTLAND AVE - SECTION A
208 PORTLAND AVE STATION SITE SECTION - E BAY STREET - SECTION B
209 PORTLAND AVE STATION SPAN PORTLAND SITE SECTION - PORTLAND AVE - SECTION A
210 PORTLAND AVE STATION SPAN PORTLAND SITE SECTION - E BAY ST - SECTION B
211 BICYCLE AND PEDESTRIAN OVERCROSSING OF I-5 SECTION C

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SOUNDTRANSIT HDR

SHEET INDEX

SOUND TRANSIT TACOMA DOME LINK EXTENSION

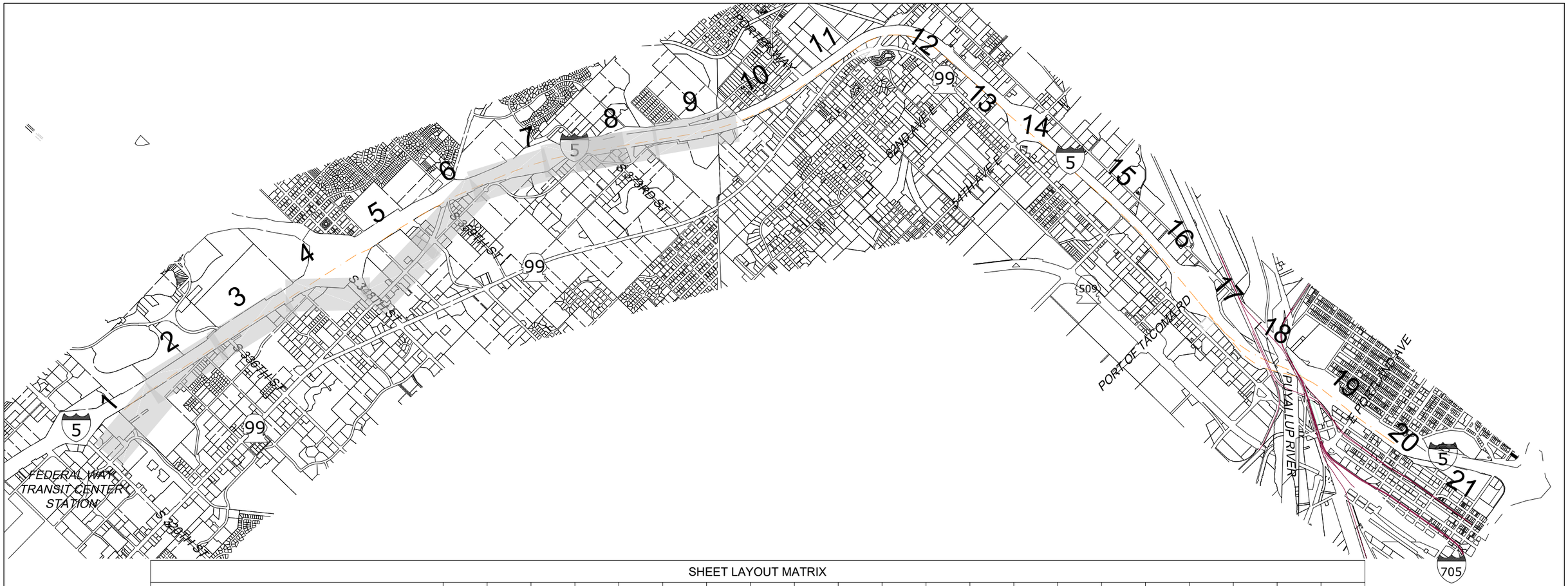

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
SHEET INDEX KEY MAP

GXS01
4

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

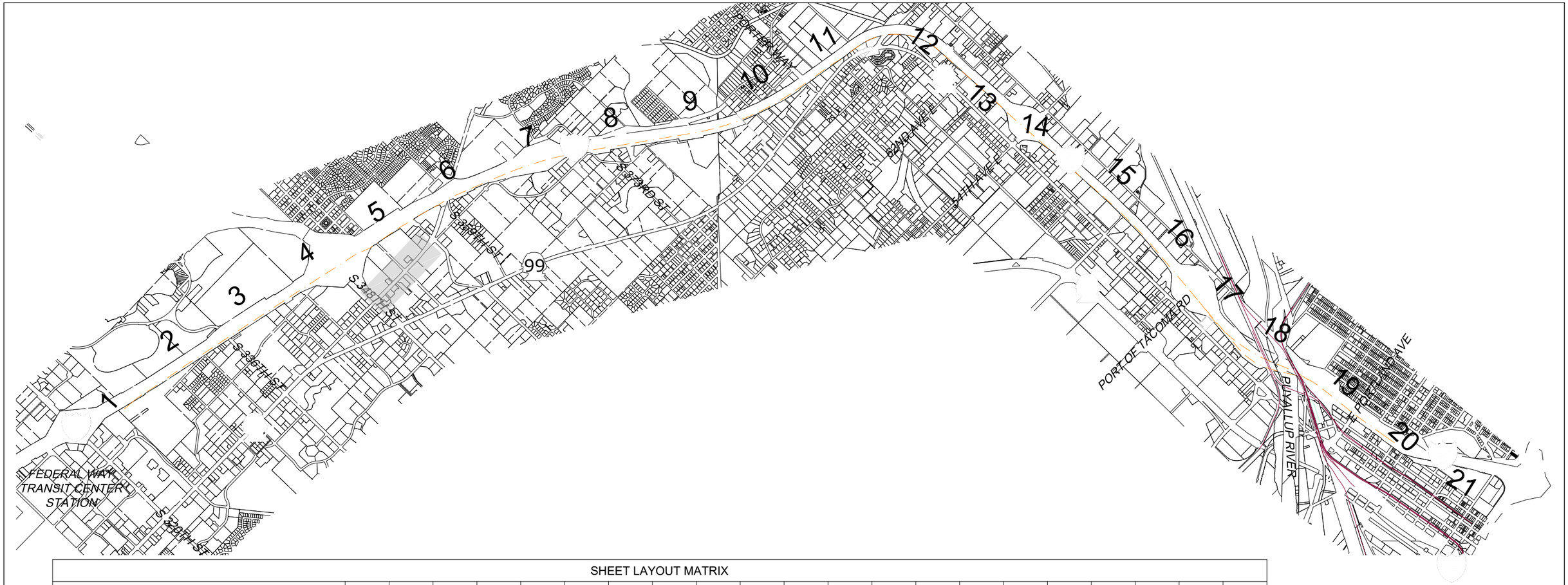

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

SF 352ND SPAN STATION OPTION
SHEET INDEX KEY MAP

GXS02
5

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

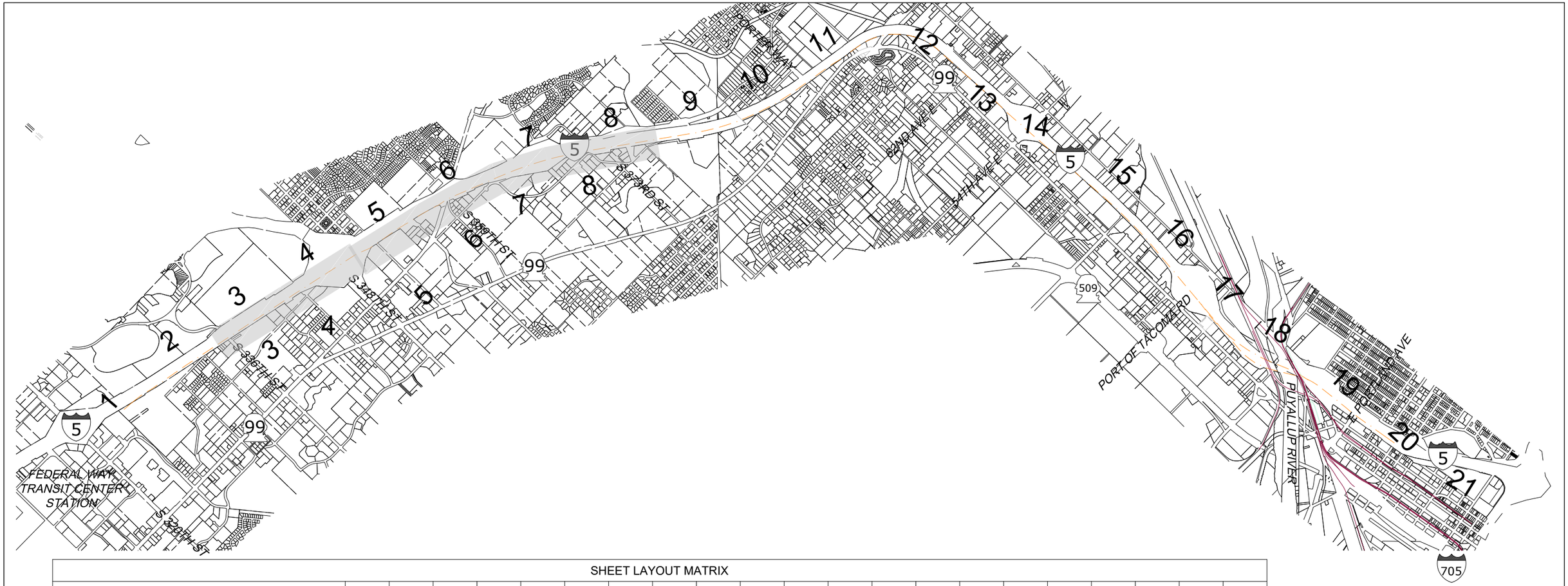

SHEET LAYOUT MATRIX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUND TRANSIT HDR

SOUTH FEDERAL WAY I-5 ALTERNATIVE
SHEET INDEX KEY MAP

GXS03
6

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

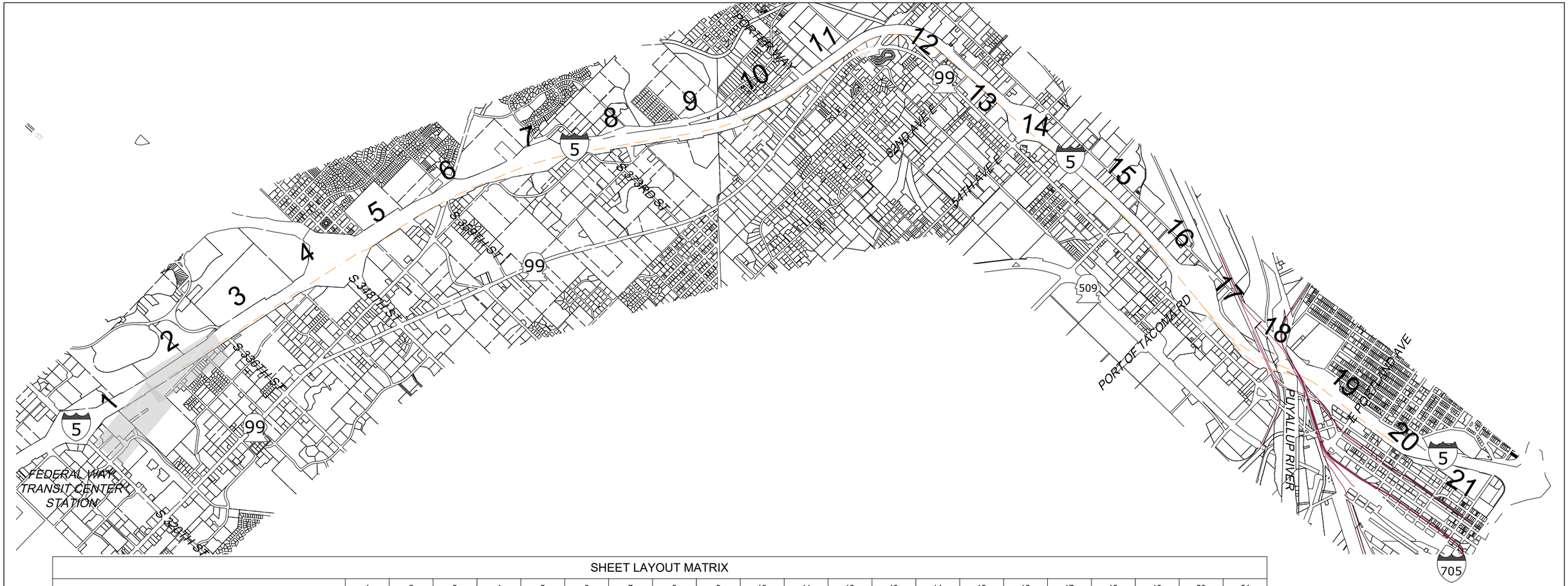

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

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SCALE IN FEET

SOUNDTRANSIT HDR

SF DESIGN OPTION
SHEET INDEX KEY MAP

GXS04
7

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

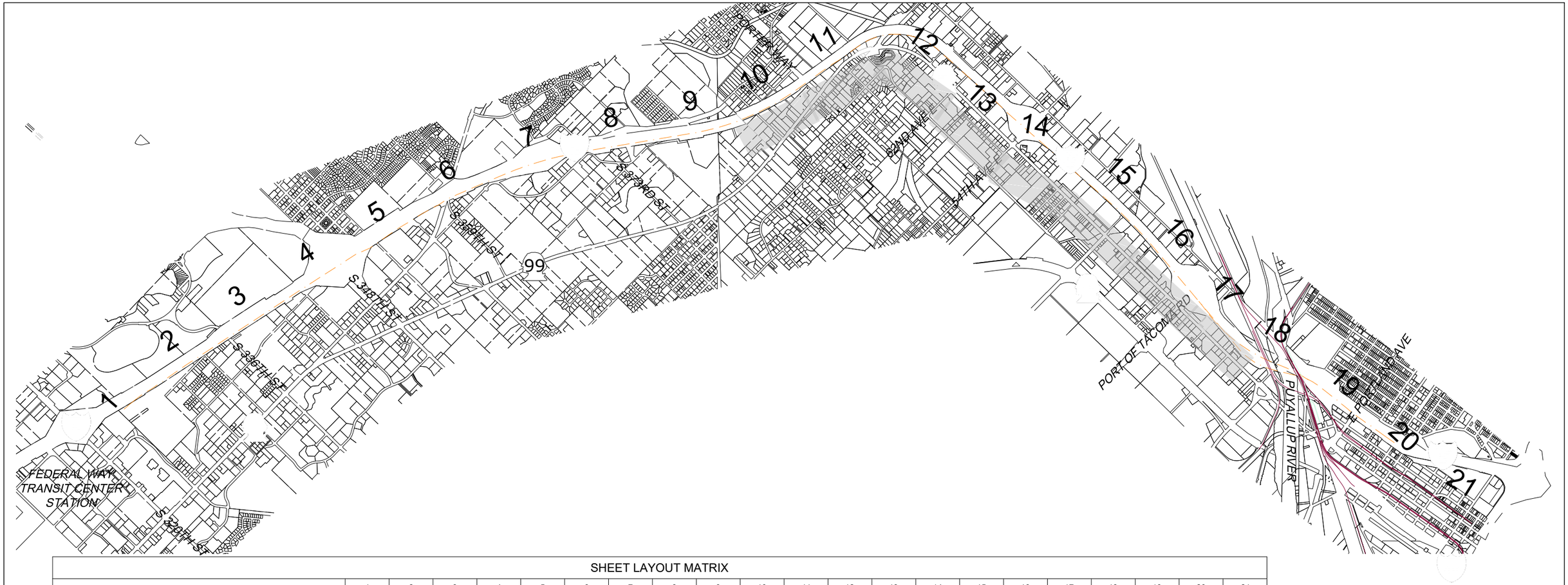

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

FIFE PACIFIC HIGHWAY ALTERNATIVE
SHEET INDEX KEY MAP

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8

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

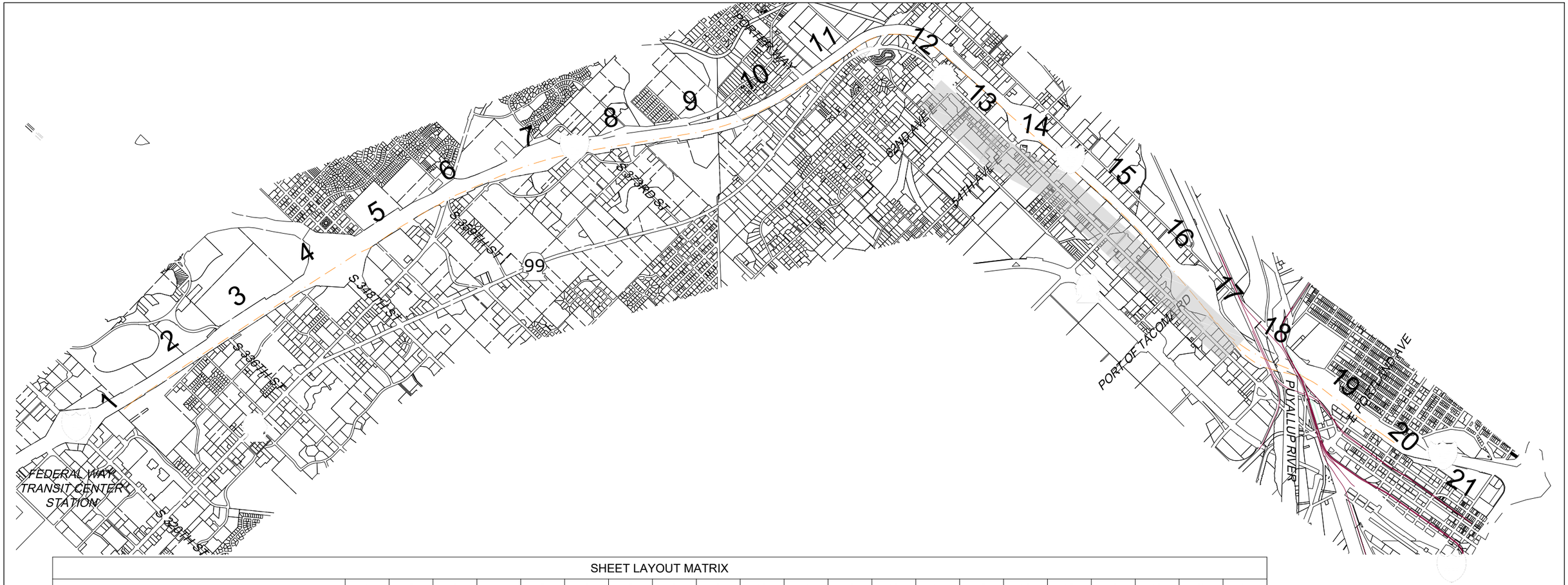

SHEET LAYOUT MATRIX

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SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

FIFE MEDIAN ALTERNATIVE
SHEET INDEX KEY MAP

GXS06
9

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

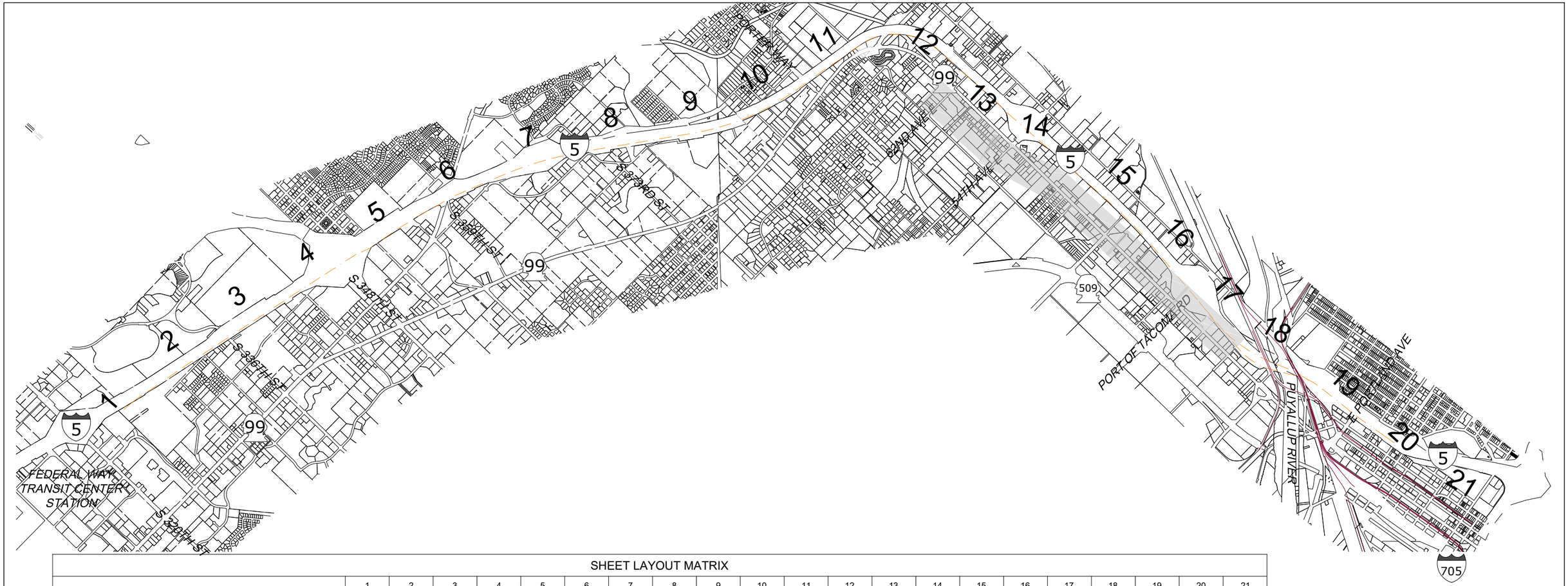

SHEET LAYOUT MATRIX

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SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

FIFE I-5 ALTERNATIVE
SHEET INDEX KEY MAP

GXS07
10

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

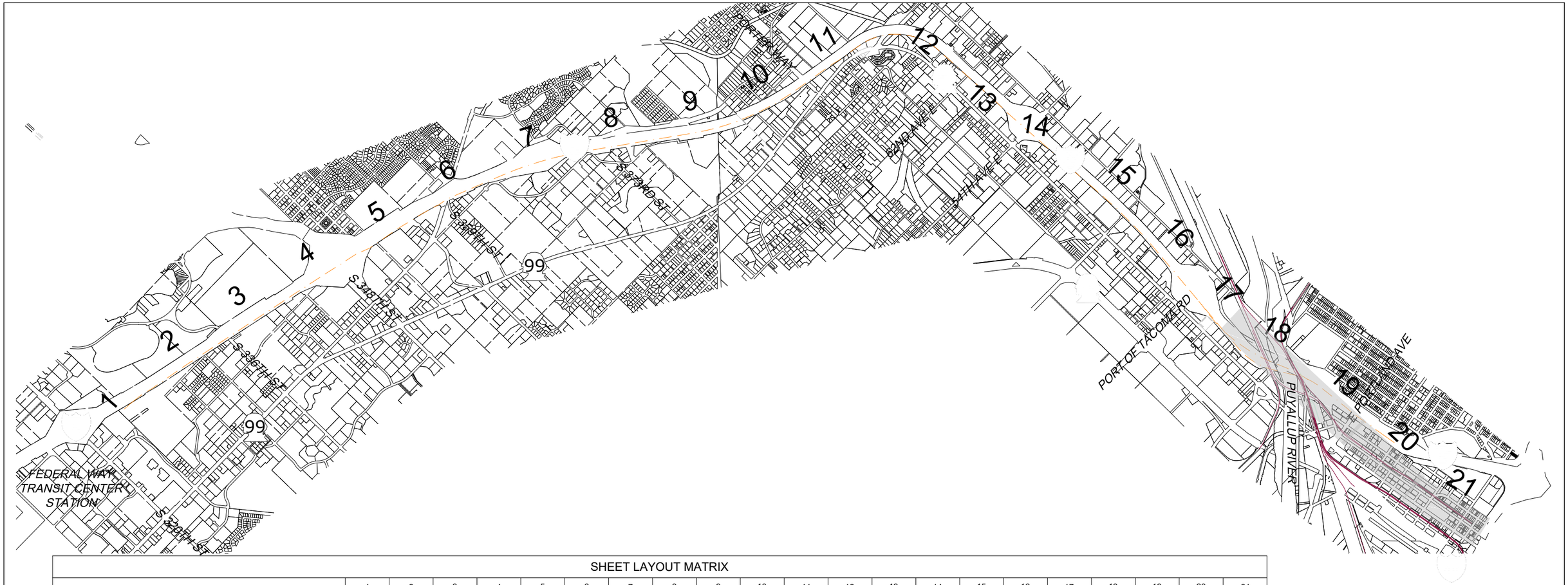

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

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SOUNDTRANSIT HDR

TACOMA 25TH STREET - WEST ALTERNATIVE
SHEET INDEX KEY MAP

GXS08
11

SOUND TRANSIT TACOMA DOME LINK EXTENSION

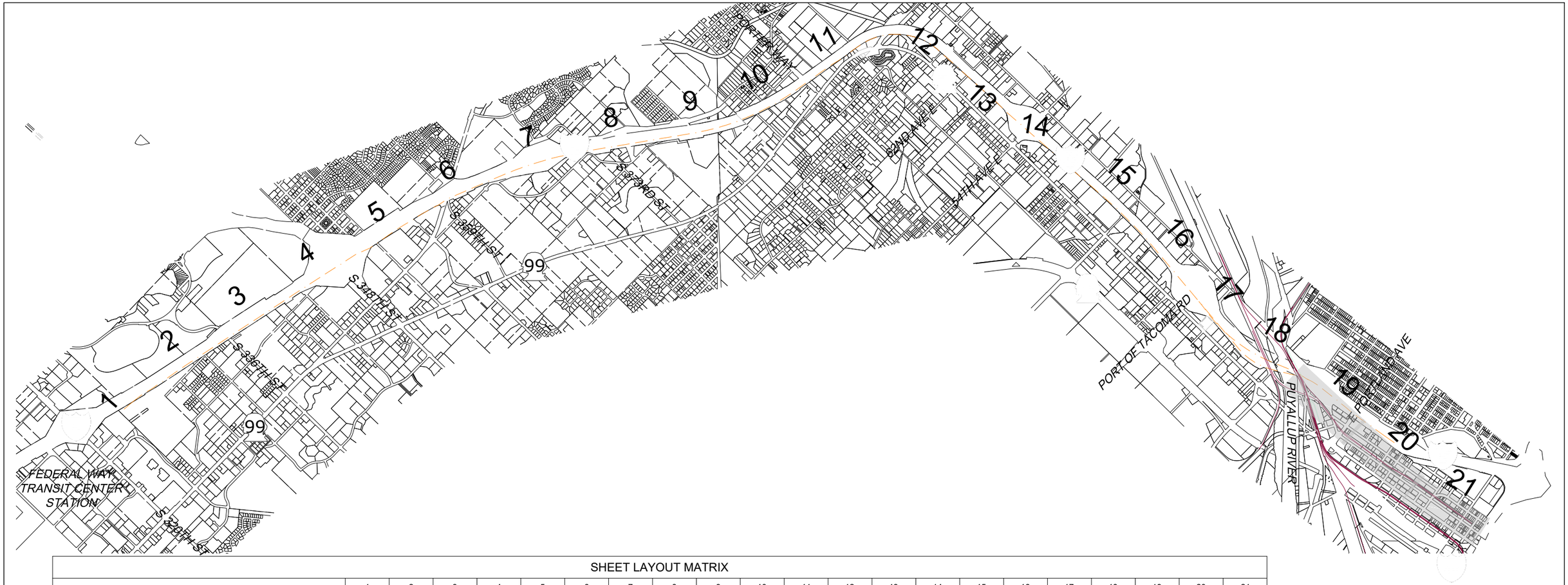

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000

SCALE IN FEET

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SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
SHEET INDEX KEY MAP

GXS09
12

SOUND TRANSIT TACOMA DOME LINK EXTENSION

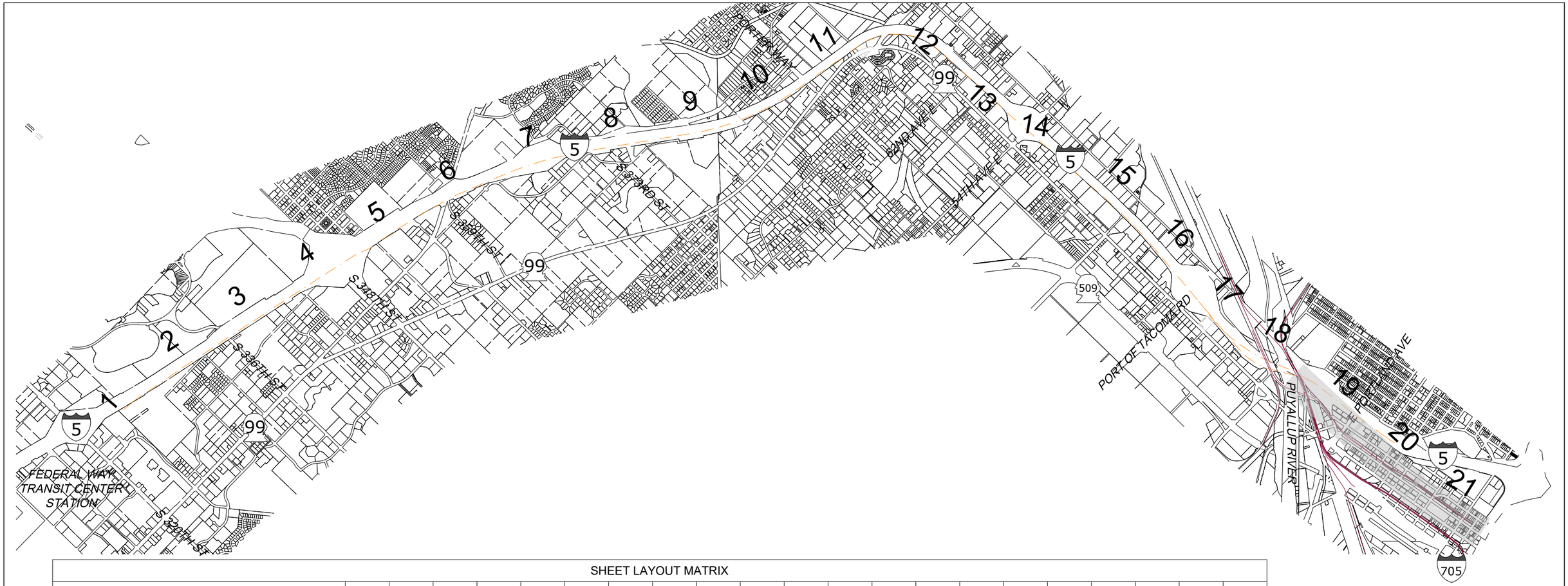

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
SHEET INDEX KEY MAP

GXS10
13

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

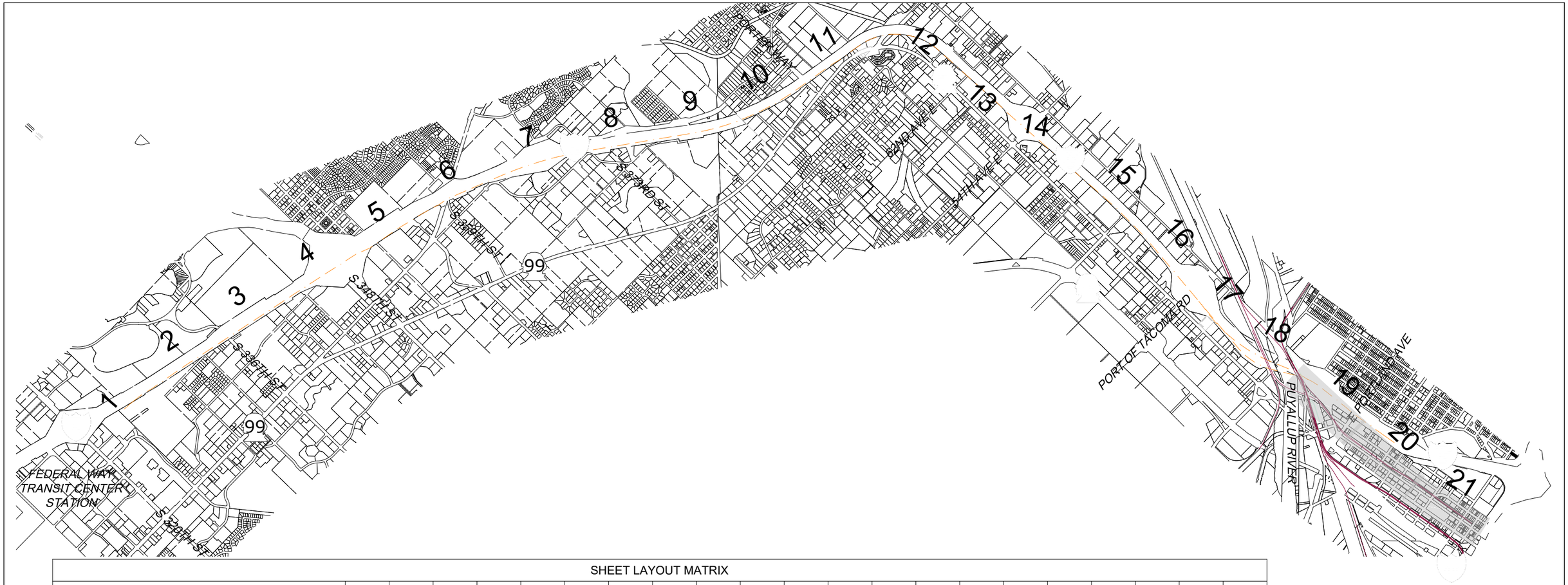

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000

SCALE IN FEET

SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
SHEET INDEX KEY MAP

GXS11
14

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

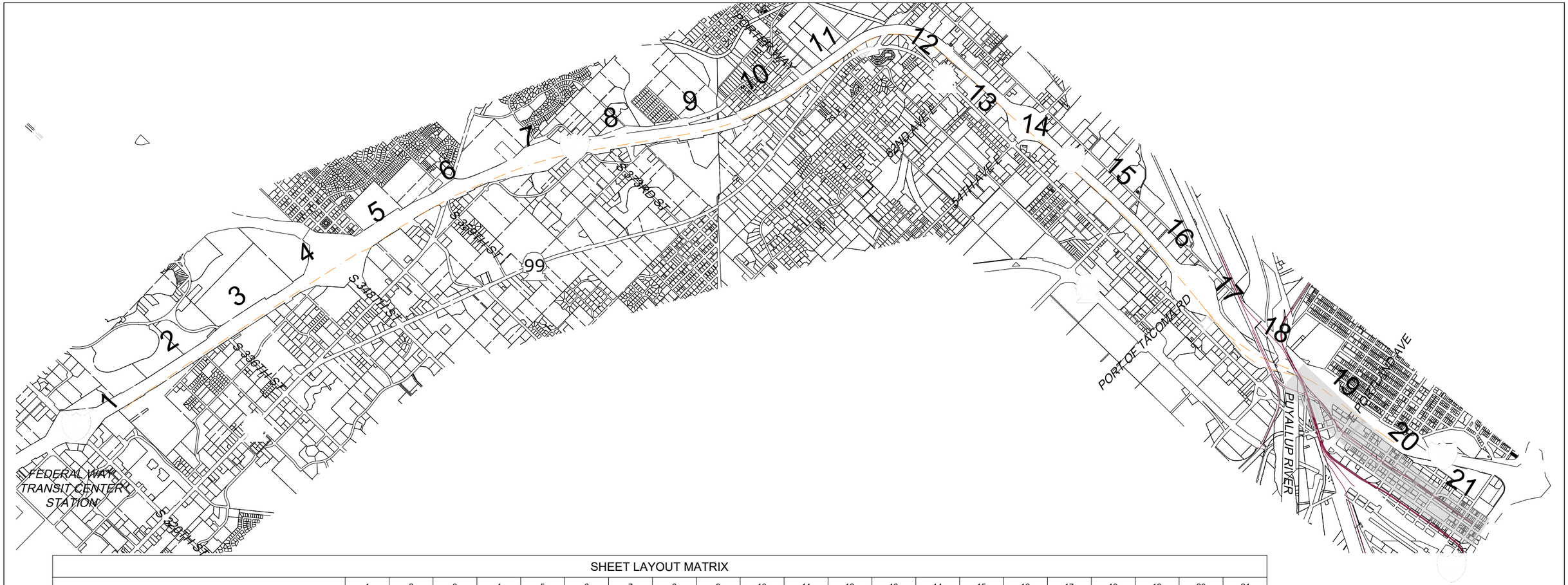

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - WEST
SHEET INDEX KEY MAP

GXS12
15

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
SHEET INDEX KEY MAP

GXS13
16

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

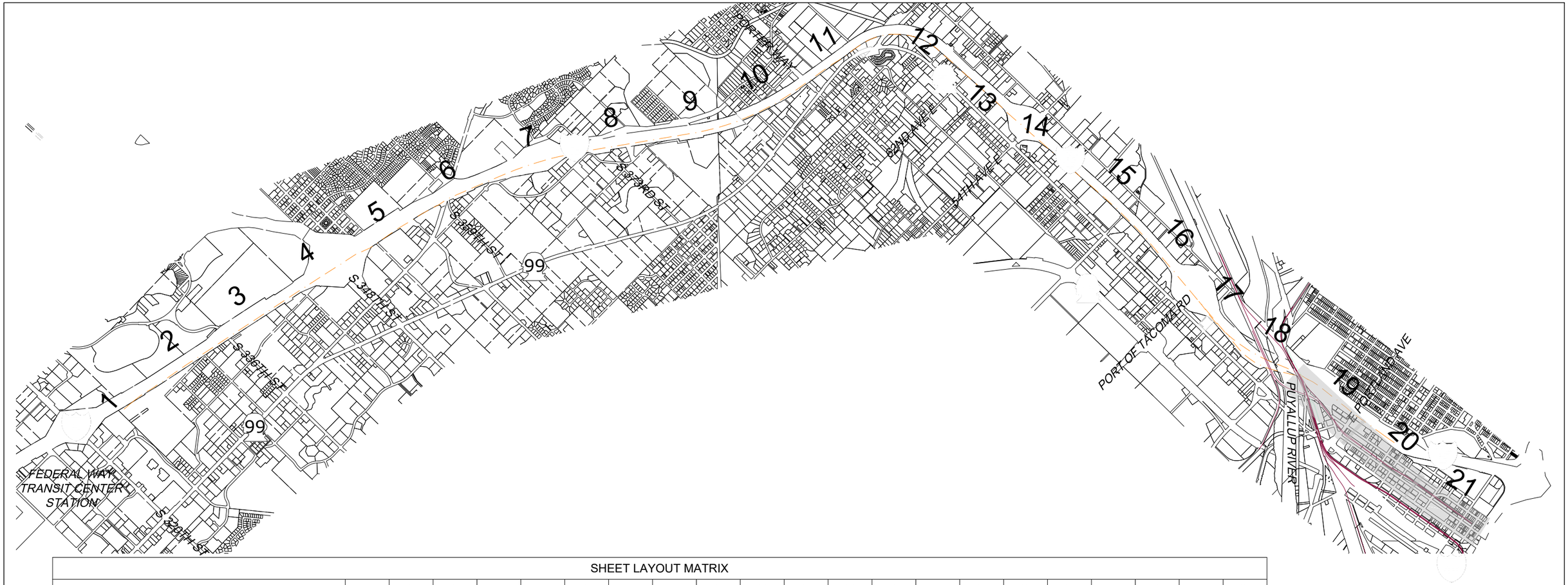

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER
SHEET INDEX KEY MAP

GXS14
17

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
SHEET INDEX KEY MAP

GXS15
18

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

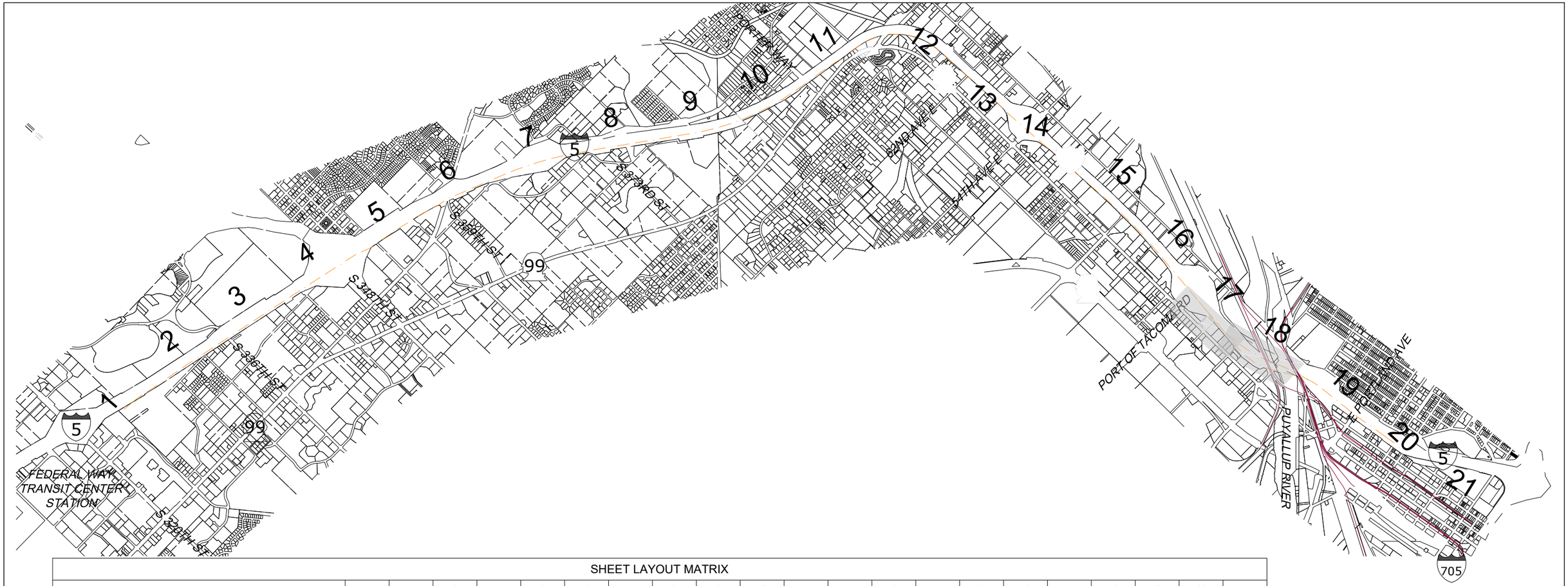

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF ENCHANTED PARKWAY ALTERNATIVE	X	X	X	X	X	X	X	X	X												
SF 352ND SPAN STATION OPTION					X																
SOUTH FEDERAL WAY I-5 ALTERNATIVE			X	X	X	X	X	X													
SF DESIGN OPTION	X	X																			
FIFE PACIFIC HIGHWAY ALTERNATIVE										X	X	X	X	X	X	X	X				
FIFE MEDIAN ALTERNATIVE													X	X	X	X	X				
FIFE I-5 ALTERNATIVE													X	X	X	X	X				
TACOMA 25TH STREET - WEST ALTERNATIVE																		X	X	X	X
TACOMA 25TH STREET - EAST ALTERNATIVE																			X	X	X
TACOMA CLOSE TO SOUNDER ALTERNATIVE																			X	X	X
TACOMA 26TH STREET ALTERNATIVE																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET WEST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET EAST																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO CLOSE TO SOUNDER																			X	X	X
PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET																			X	X	X
PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION																		X	X		

1500 750 0 1500 3000
SCALE IN FEET

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SOUNDTRANSIT HDR

PUYALLUP RIVER CROSSING PIER SUPPORTED BRIDGE OPTION
SHEET INDEX KEY MAP

GXS16
19

SOUND TRANSIT TACOMA DOME LINK EXTENSION

NOTES:
1. FWLE ALIGNMENT SHOWN IS BASED OFF OF 60% DESIGN. TDLE DESIGN WILL BE UPDATED TO TIE INTO FWLE 90% WHEN AVAILABLE.
2. FWLE INTERIM TAIL TRACKS WERE ON HORIZONTAL CURVES DESIGNED WITH NO SUPERELEVATION. TDLE WILL NEED TO RECONSTRUCT THESE CURVES WITH Ea=3.50", Eu=2.98", AND 30MPH DESIGN SPEED.

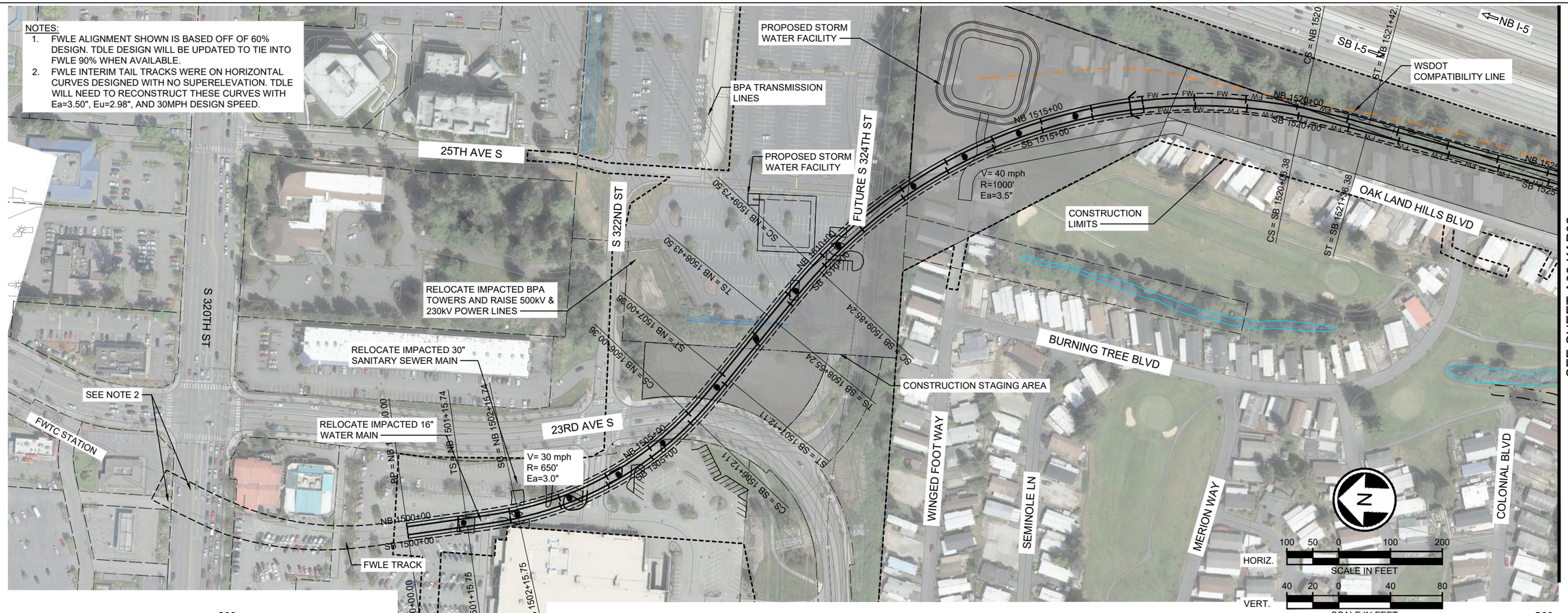

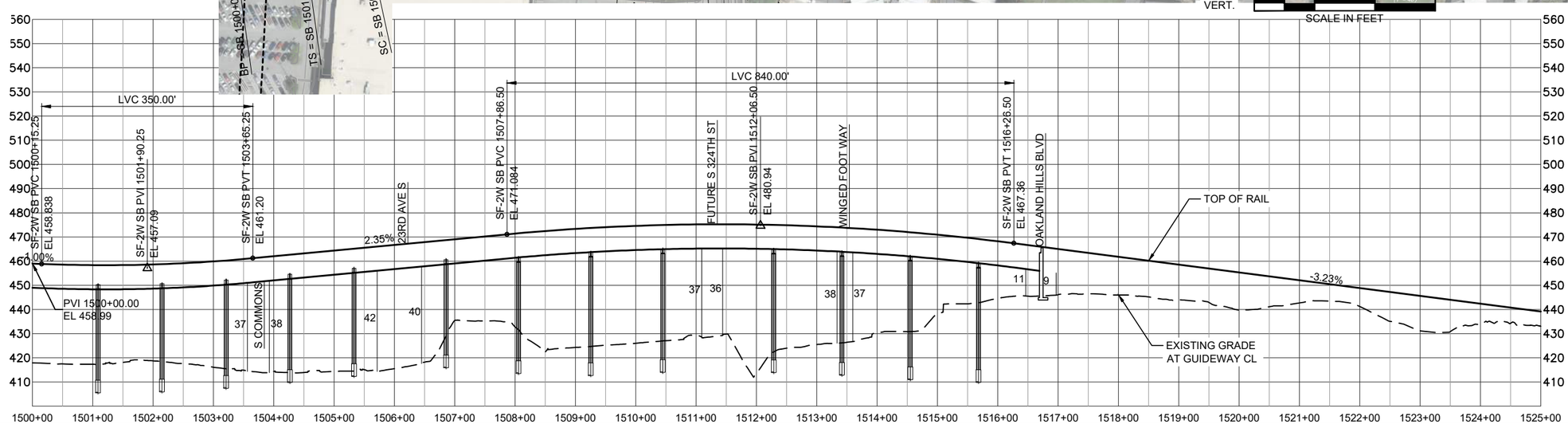

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1500+00 TO STA 1525+00

NOTES:
1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

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20

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

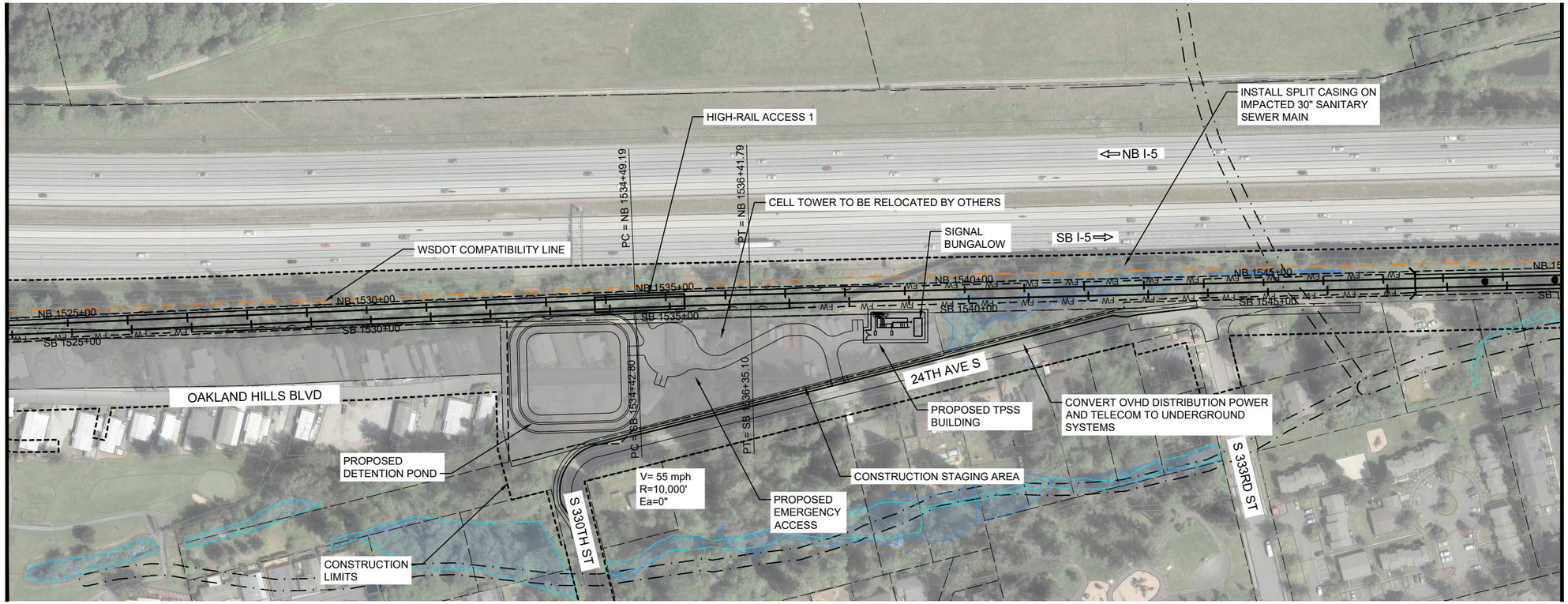

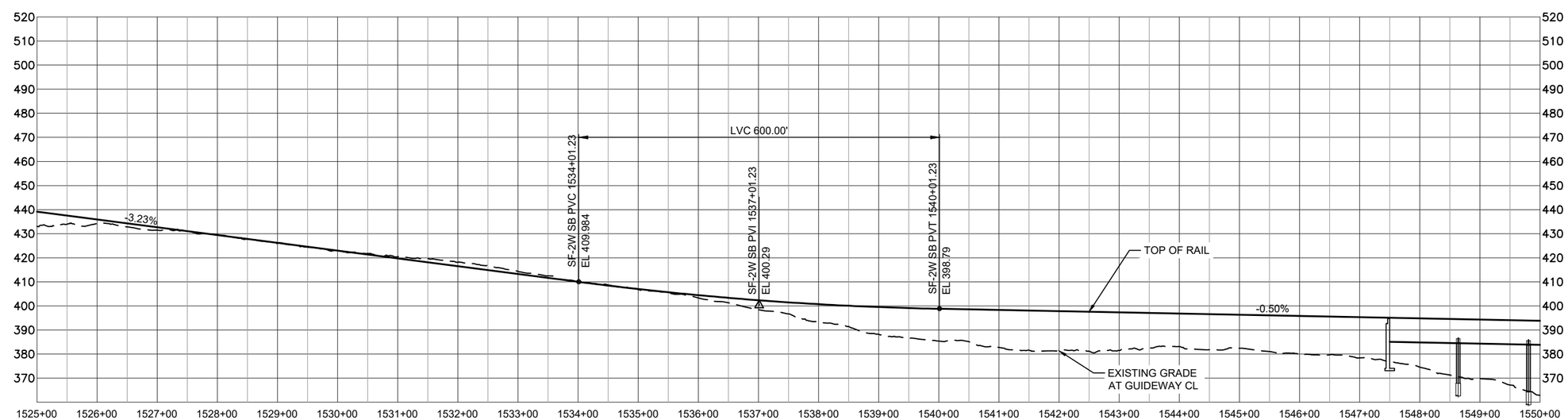

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1525+00 TO STA 1550+00

A00-KAP02
21

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

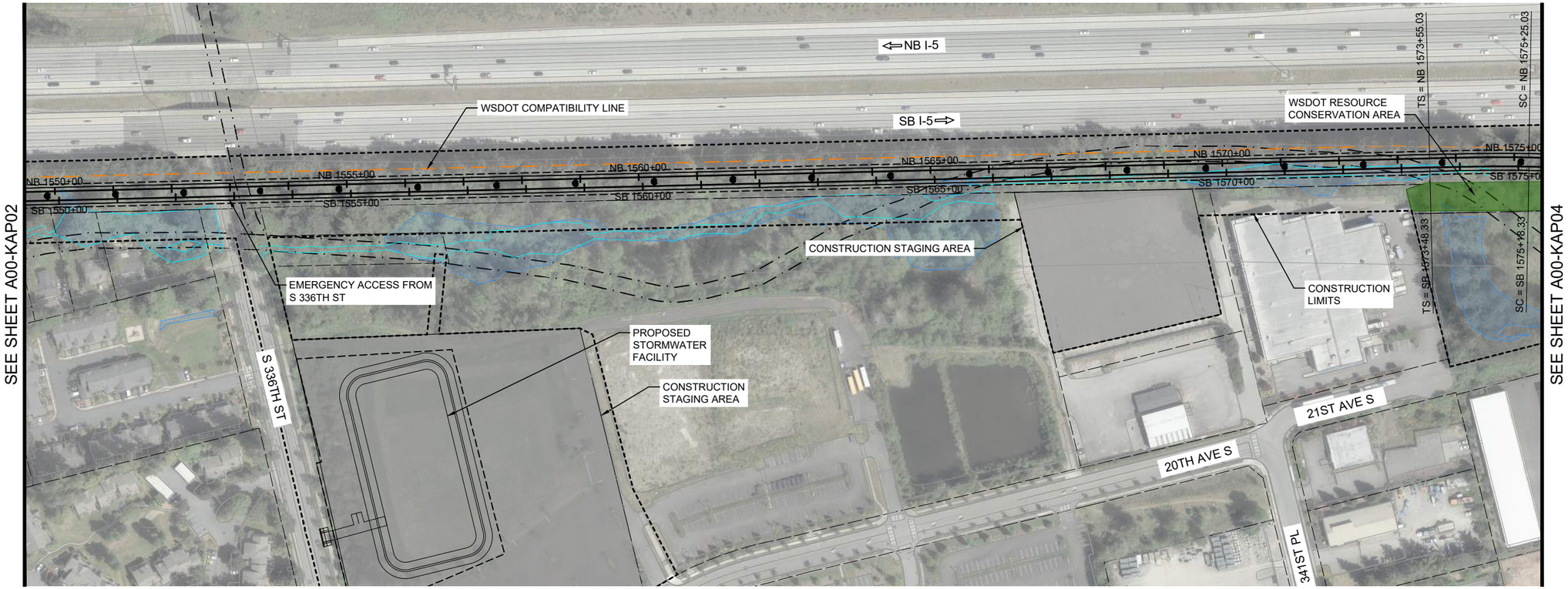

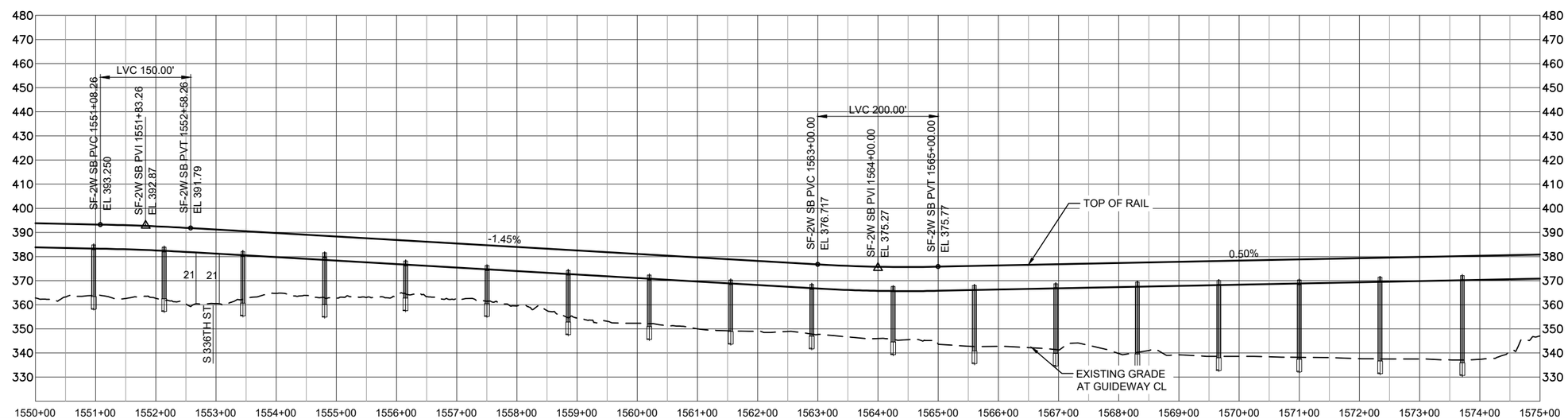

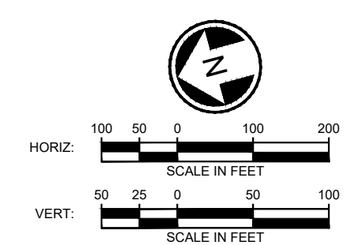

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE TRACK PLAN AND PROFILE STA 1550+00 TO STA 1575+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

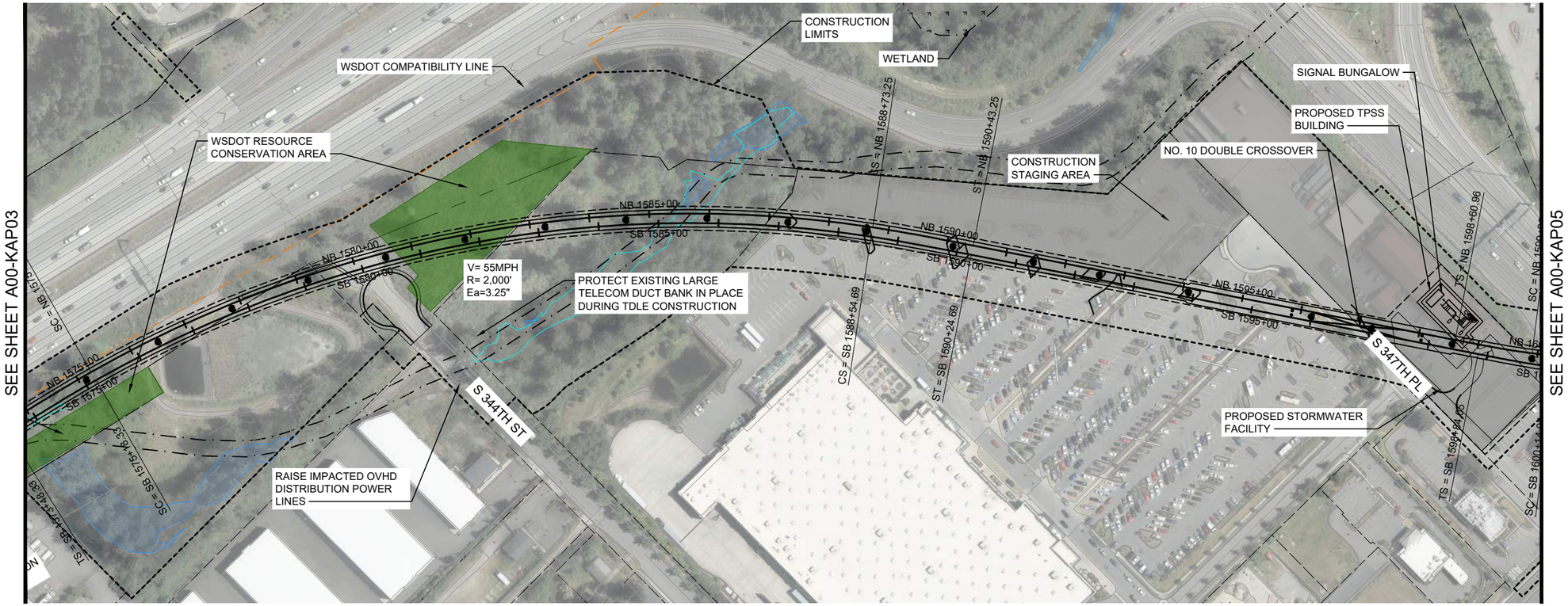

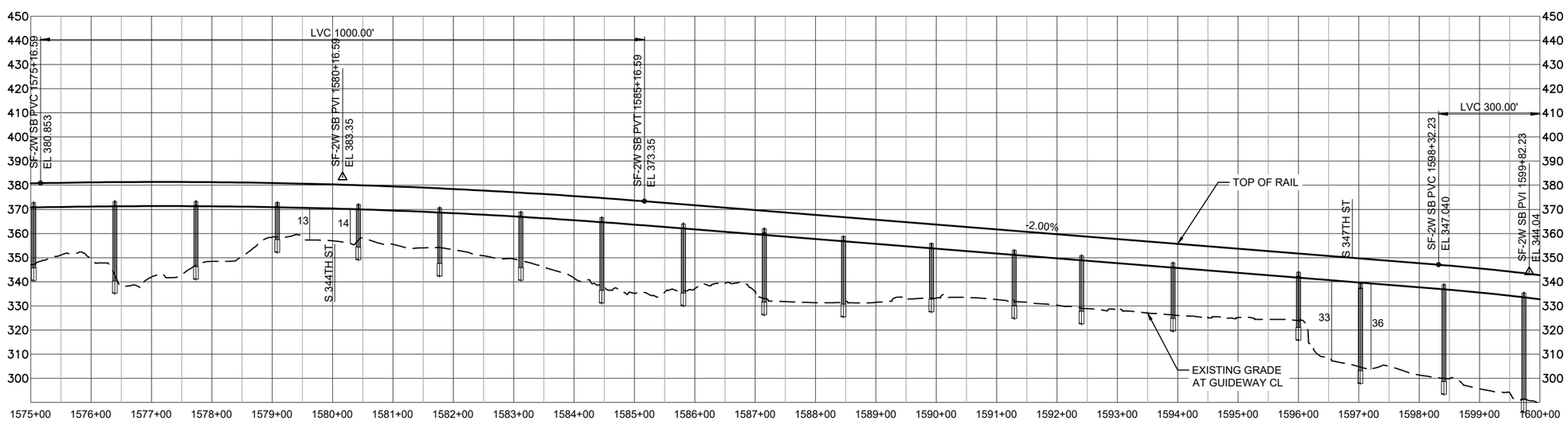

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1575+00 TO STA 1600+00

NOTES:
1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

A00-KAP04
23

7/3/2024 12:25:01 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

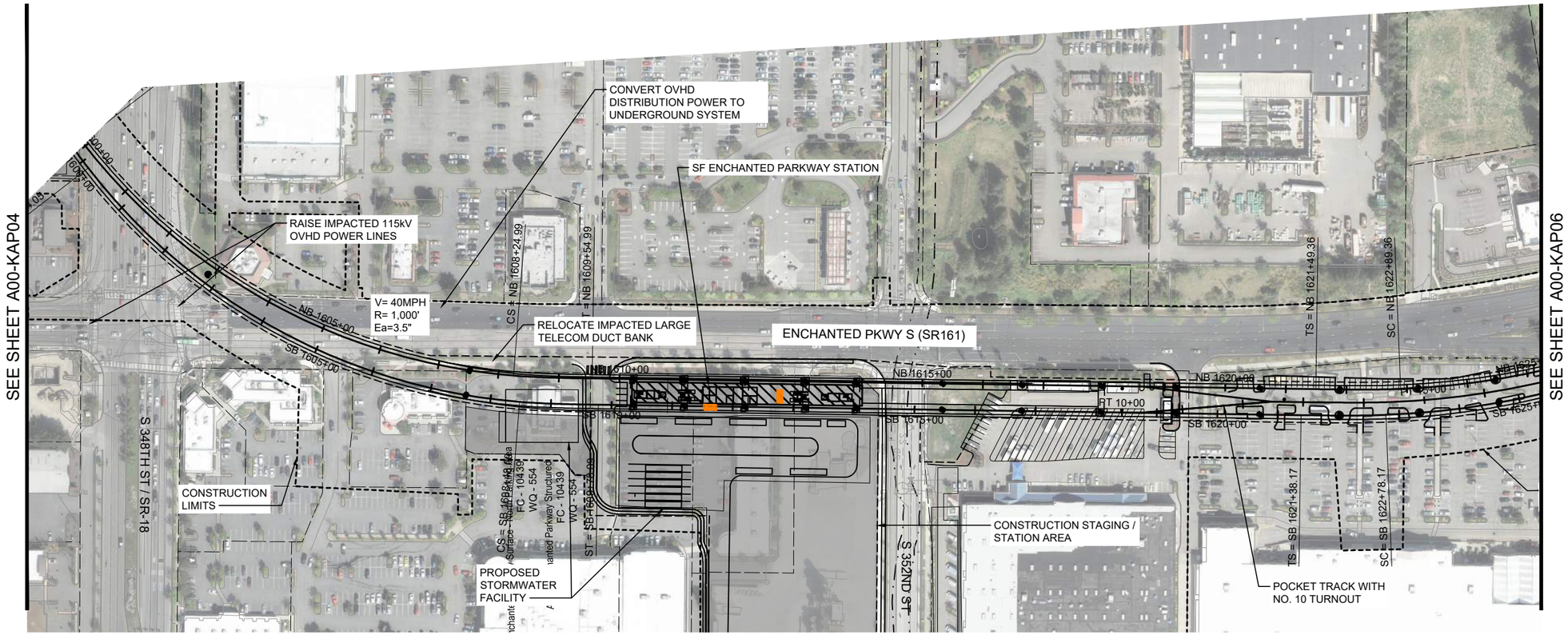

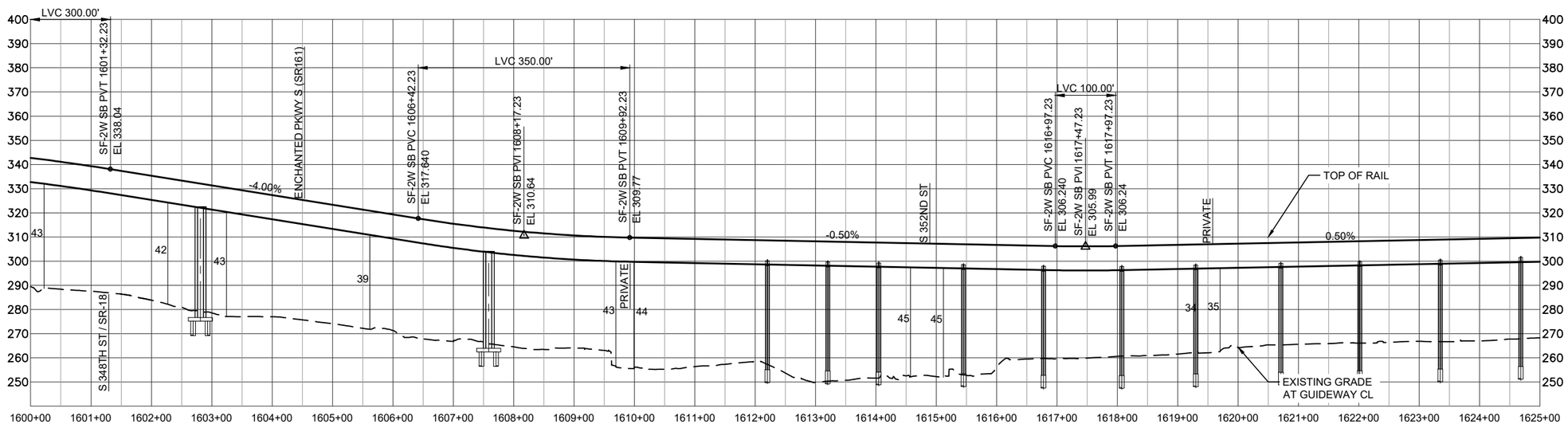

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1600+00 TO STA 1625+00

A00-KAP05
24

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

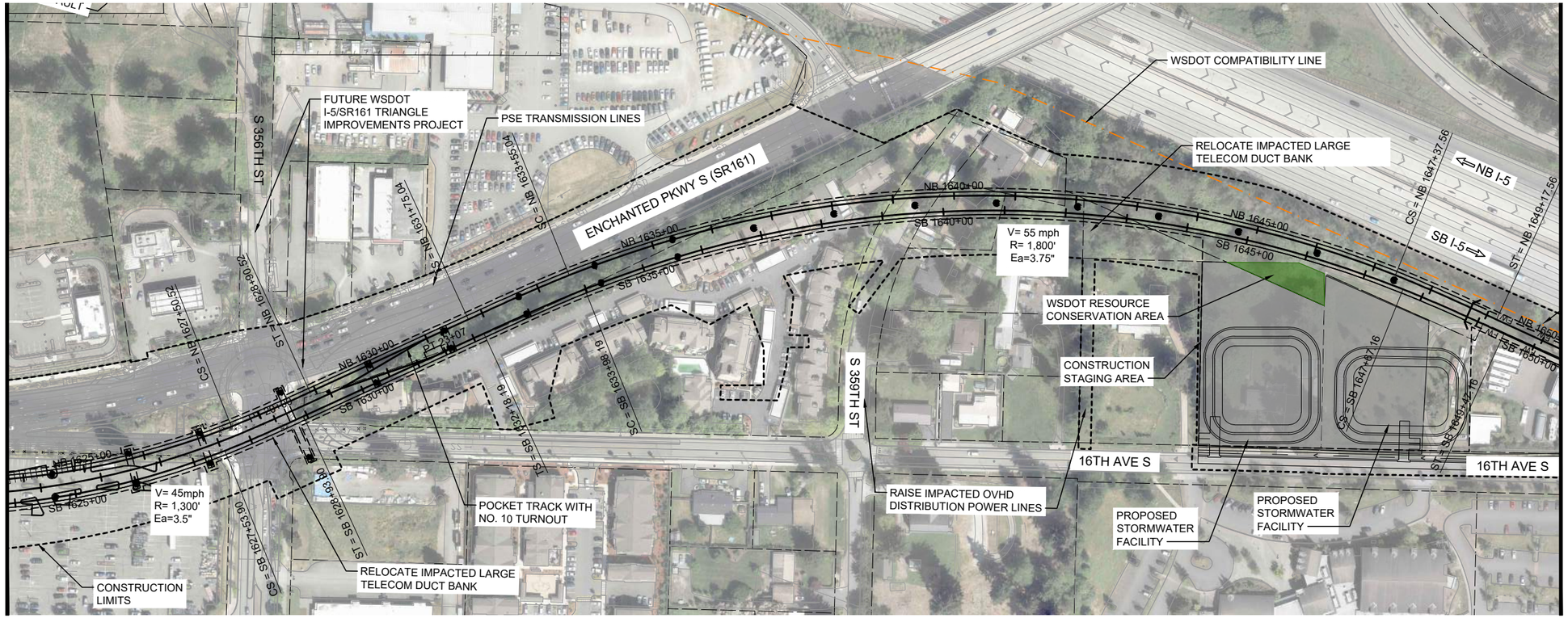

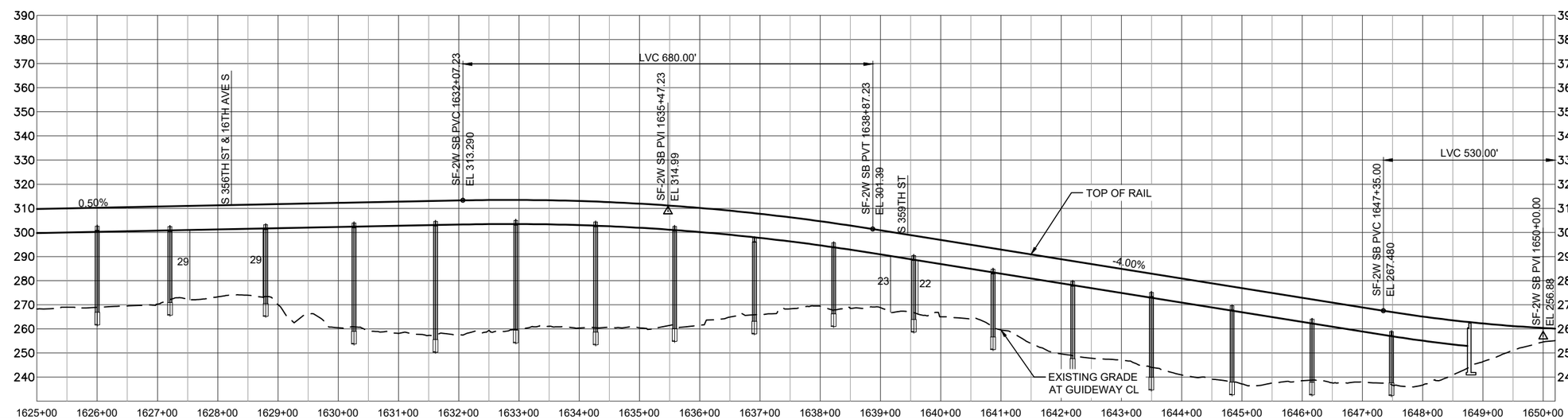

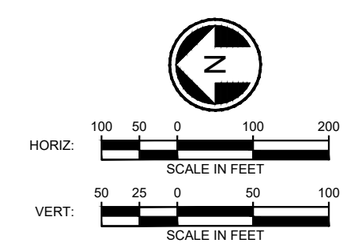

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1625+00 TO STA 1650+00

A00-KAP06
25

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

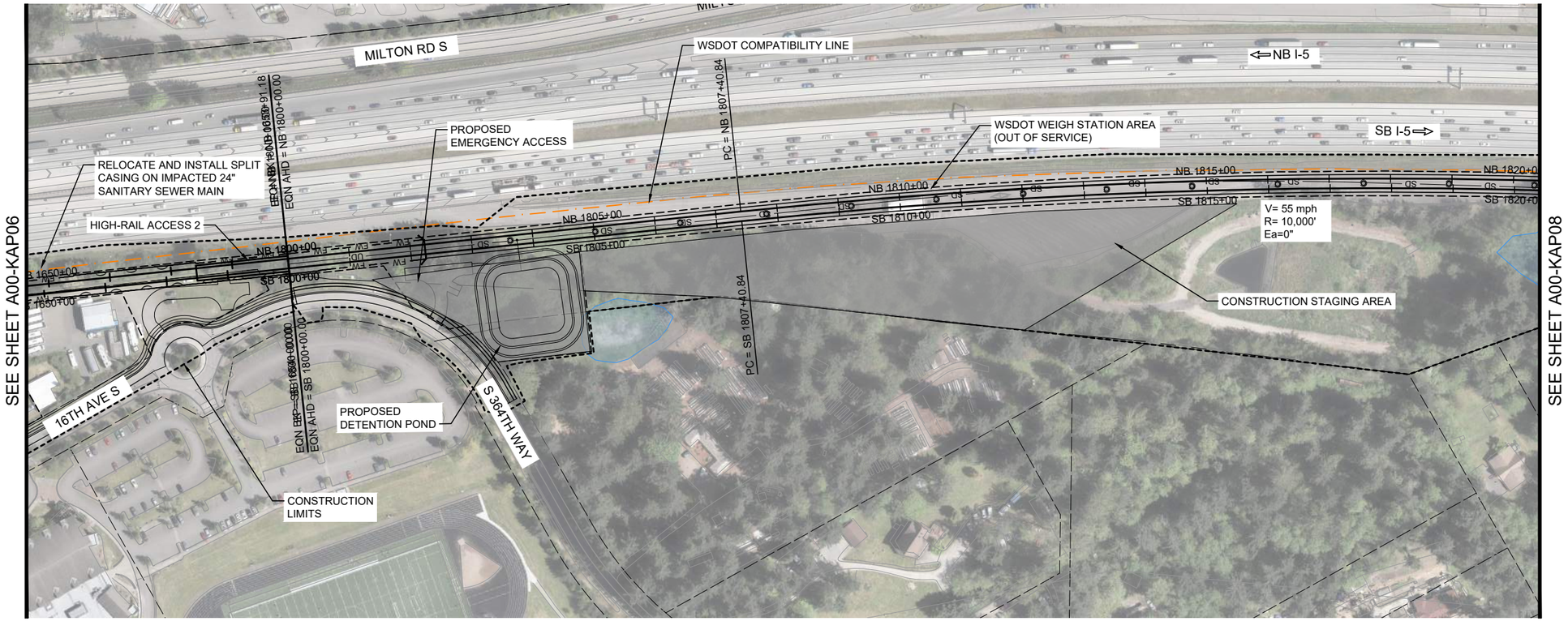

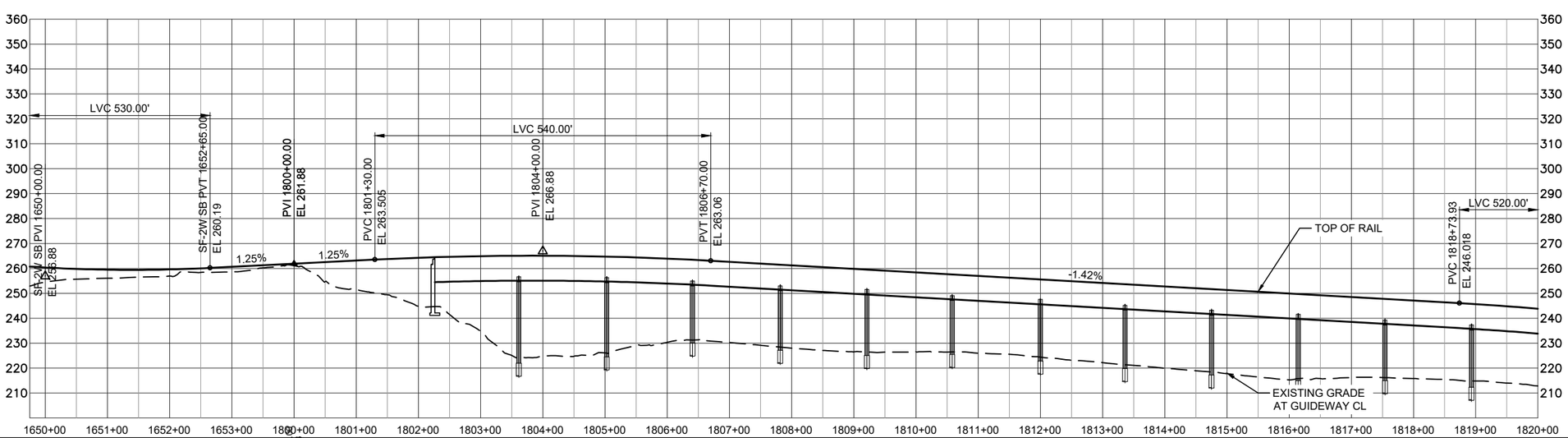

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1650+00 TO STA 1820+00

A00-KAP07
26

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

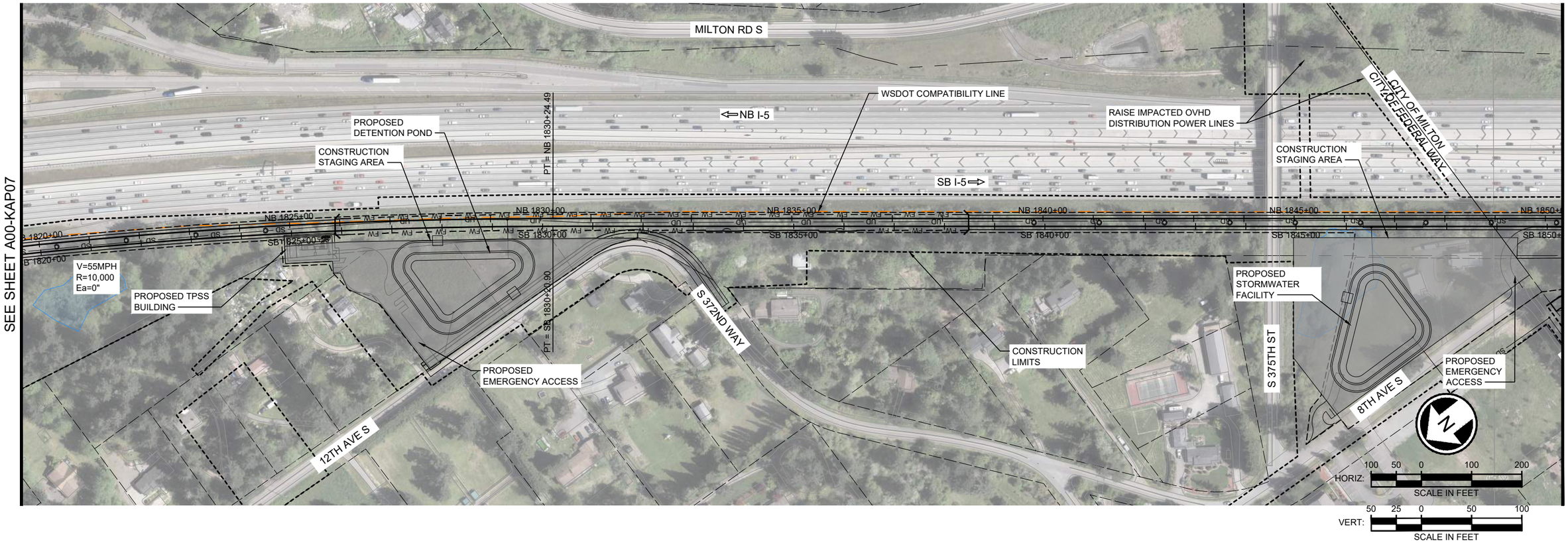

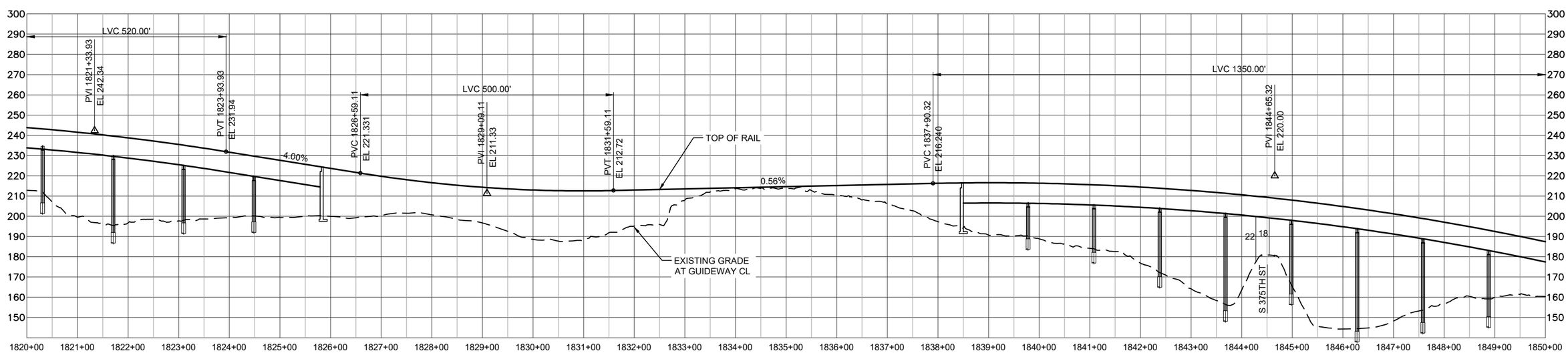

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1820+00 TO STA 1850+00

A00-KAP08
27

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

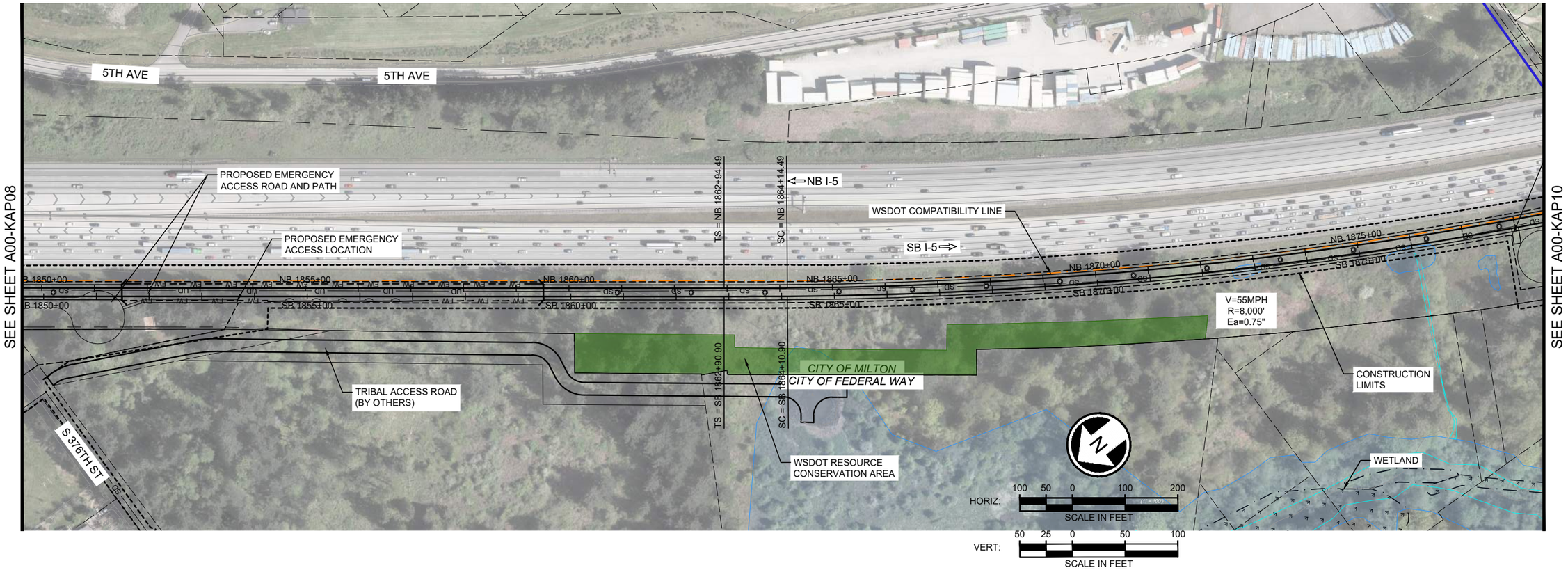

SEE SHEET A00-KAP08

SEE SHEET A00-KAP10

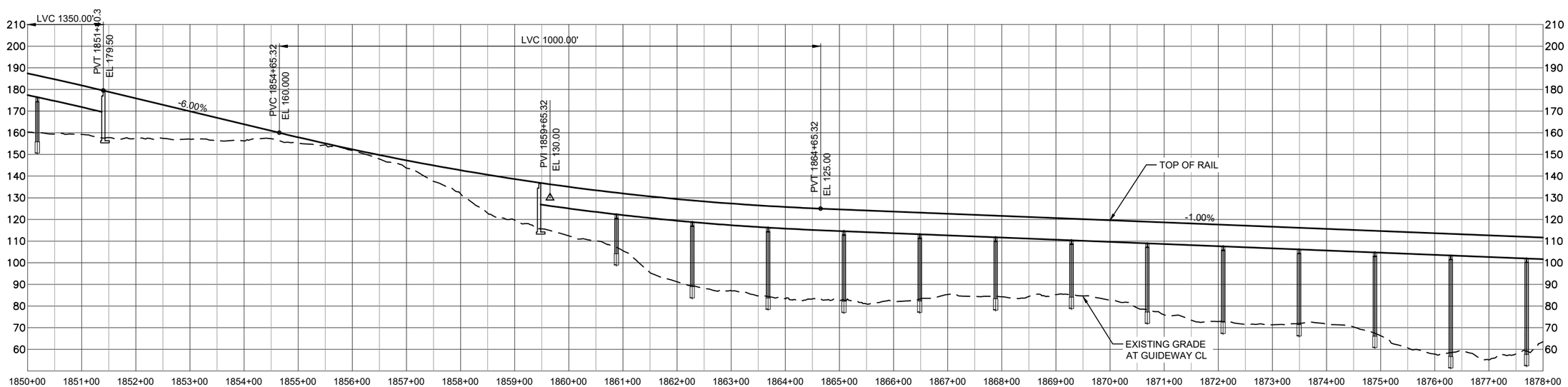

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF ENCHANTED PARKWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1850+00 TO STA 1878+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

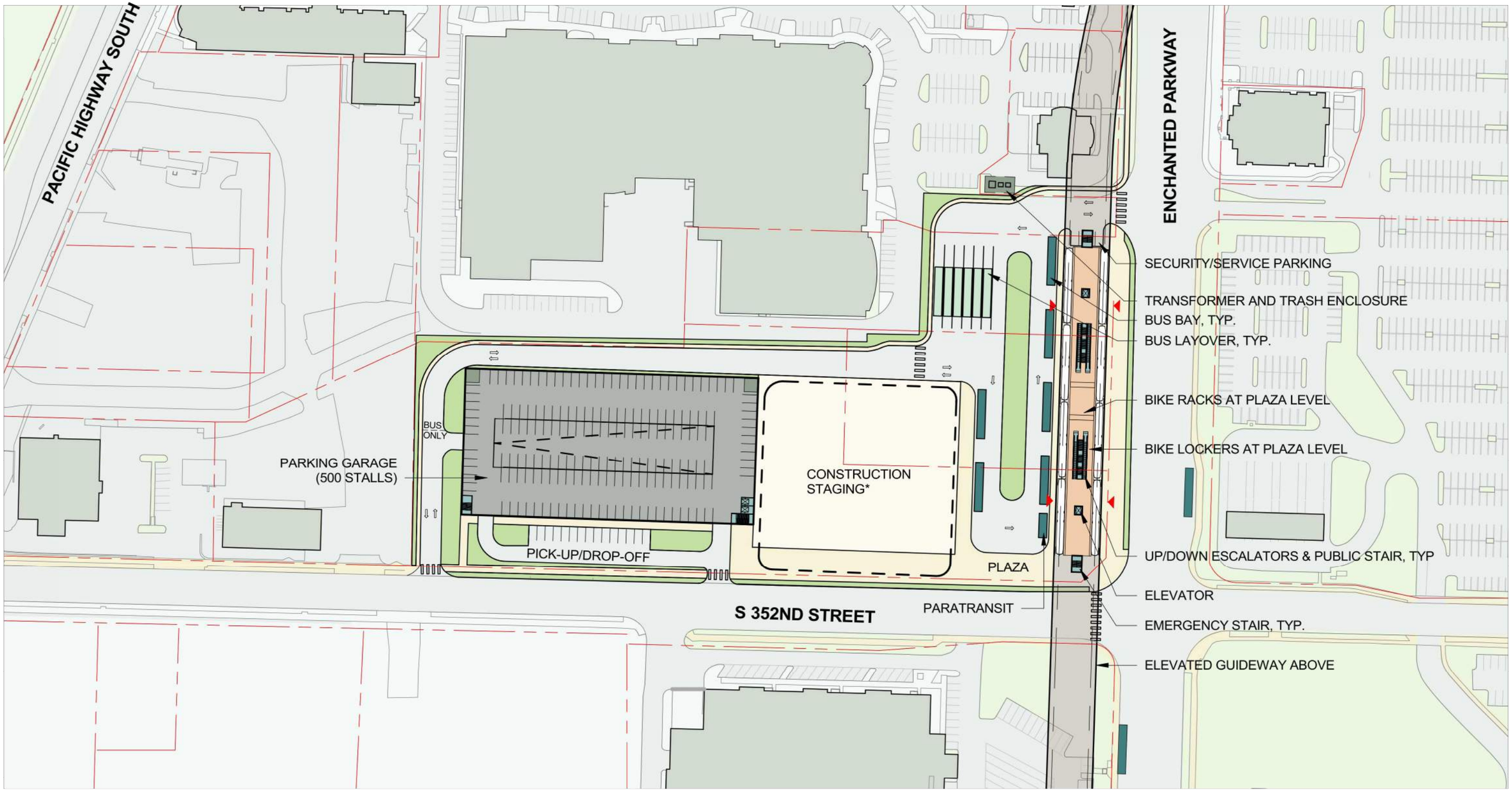

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

* Does not represent all necessary construction staging areas; see track plan and profile drawings

0 60' 120'

N

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
SITE PLAN

A00-ASP101
29

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

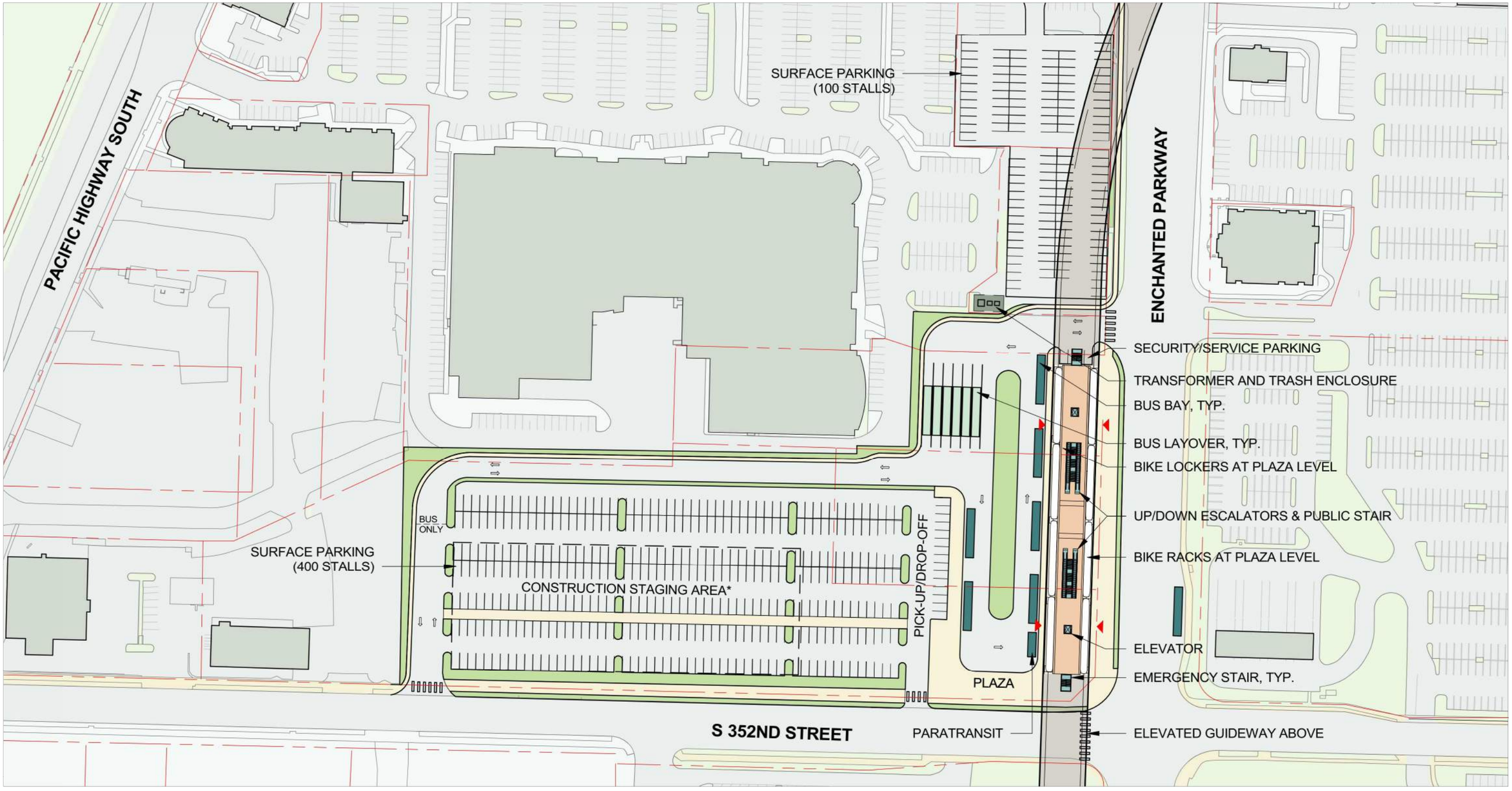

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

* Does not represent all necessary construction staging areas; see track plan and profile drawings

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
SITE PLAN - SURFACE PARKING OPTION

A00-ASP102
30

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

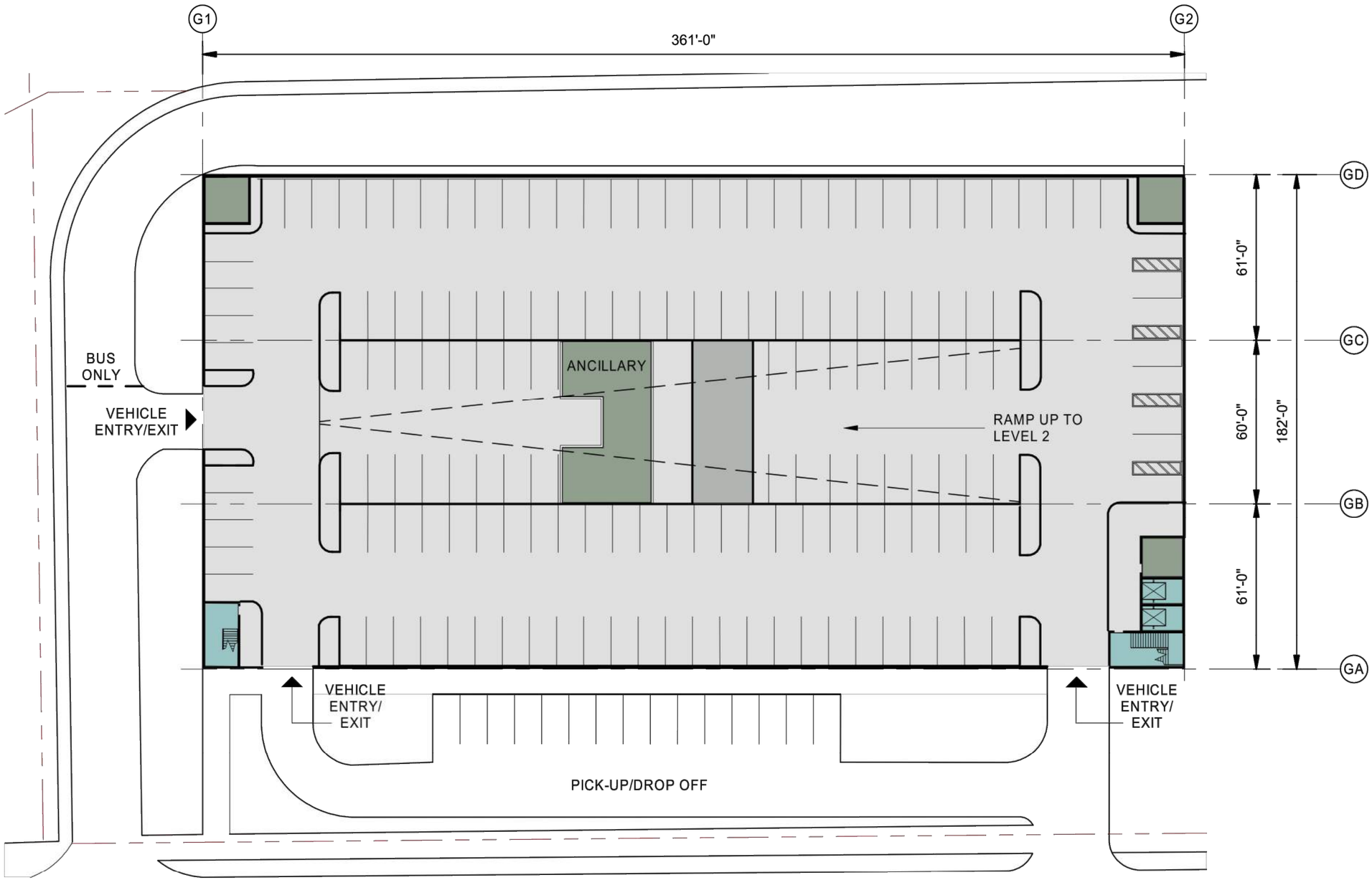

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
TYPICAL GARAGE PLAN

A00-APP101
31

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

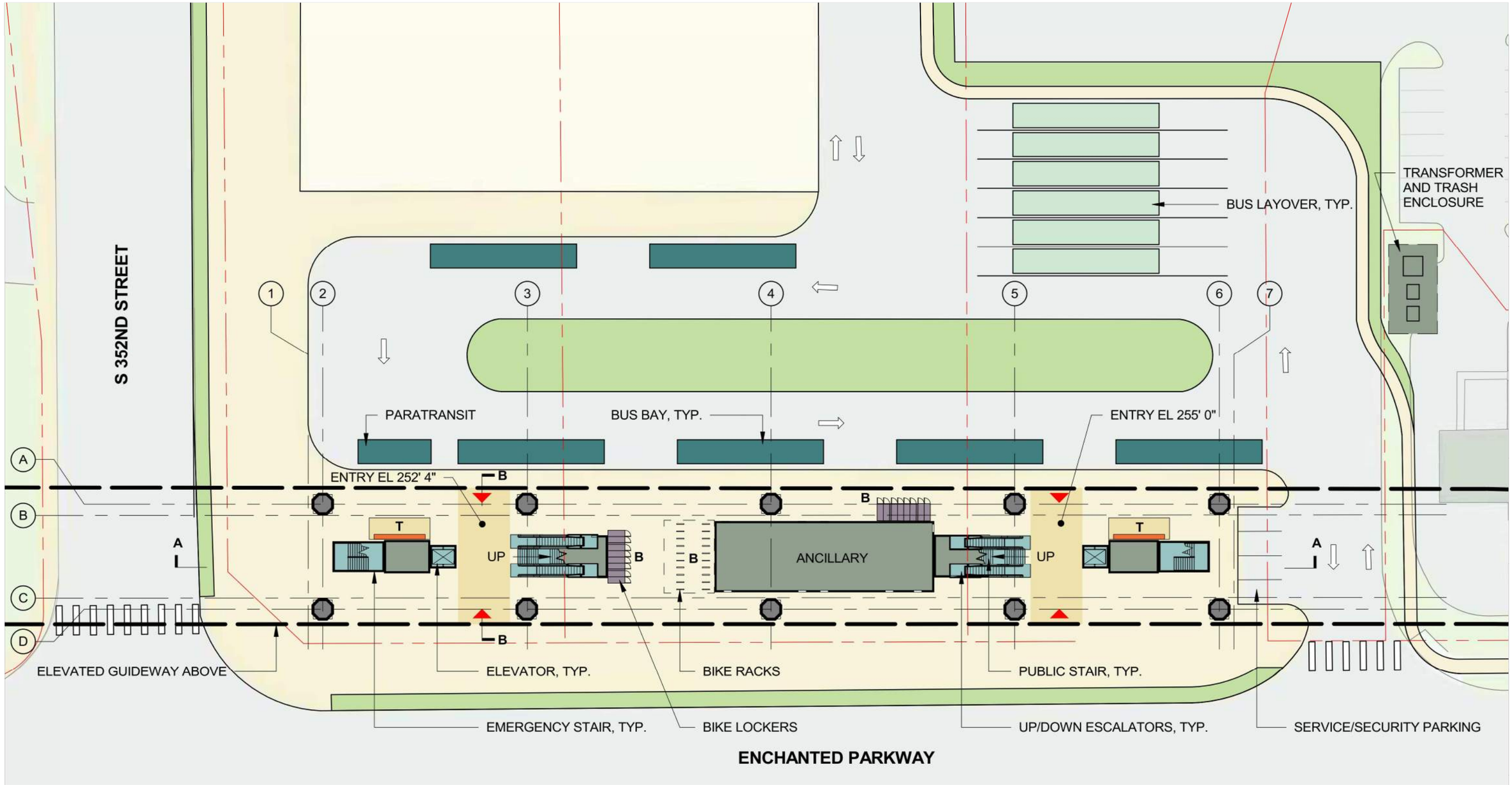

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Additional columns may be necessary to support mezzanine structure

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
PLAZA LEVEL PLAN

A00-APP102
32

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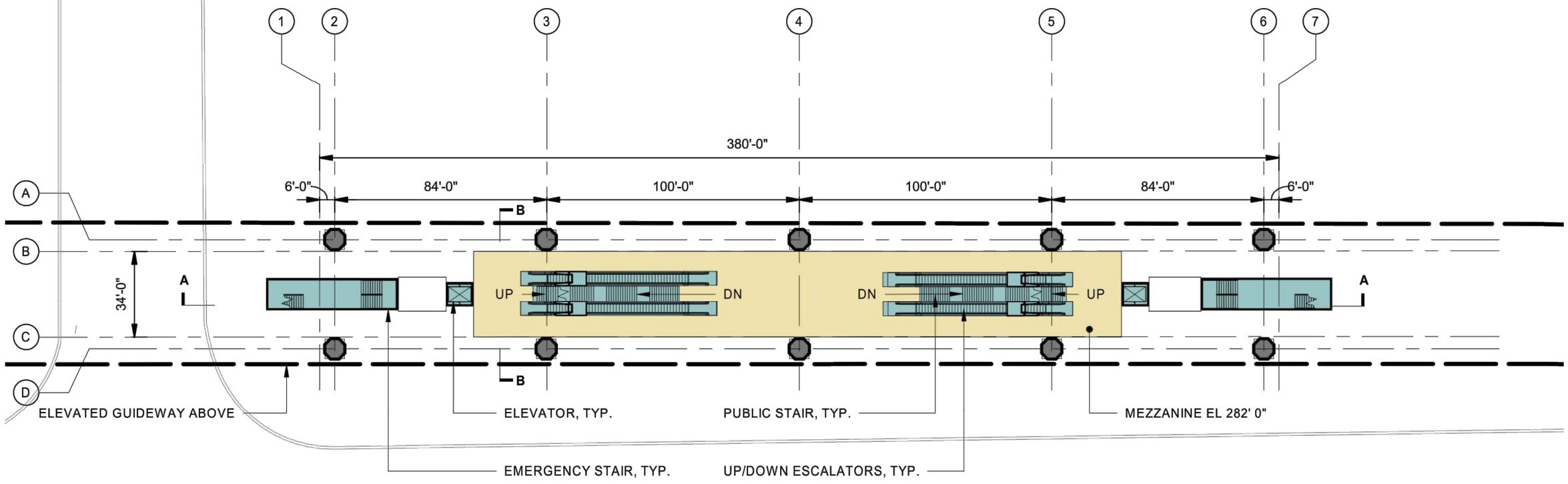

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

N

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
MEZZANINE LEVEL PLAN

A00-APP103
33

12/17/2020 1:47:01 PM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

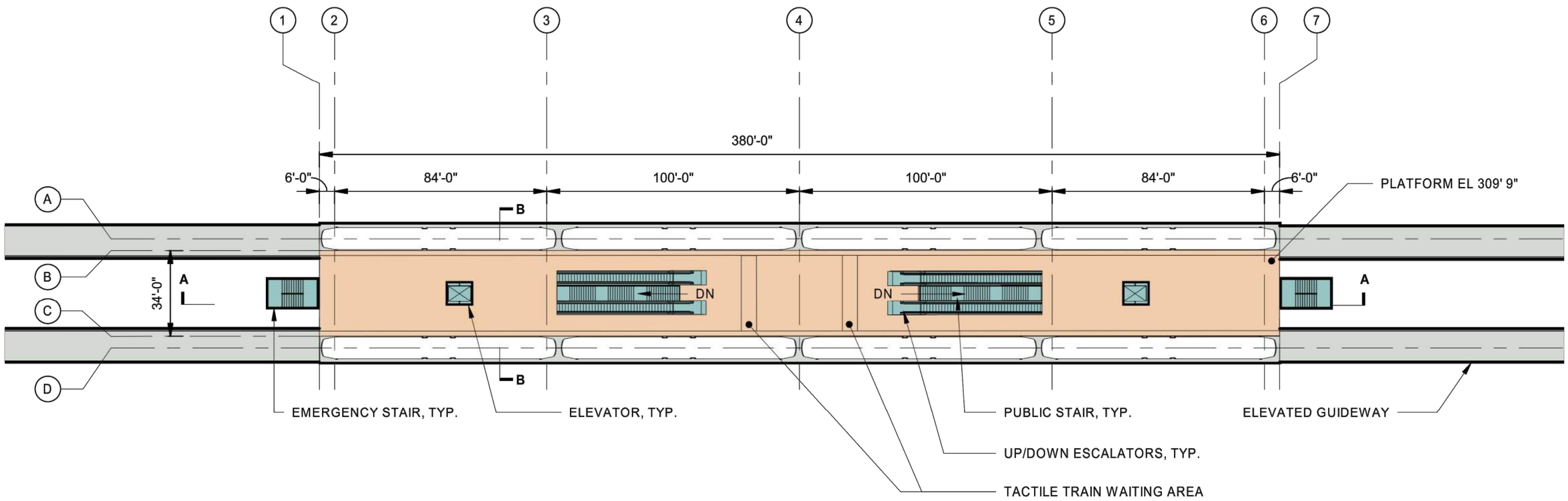

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
PLATFORM LEVEL PLAN

A00-APP104

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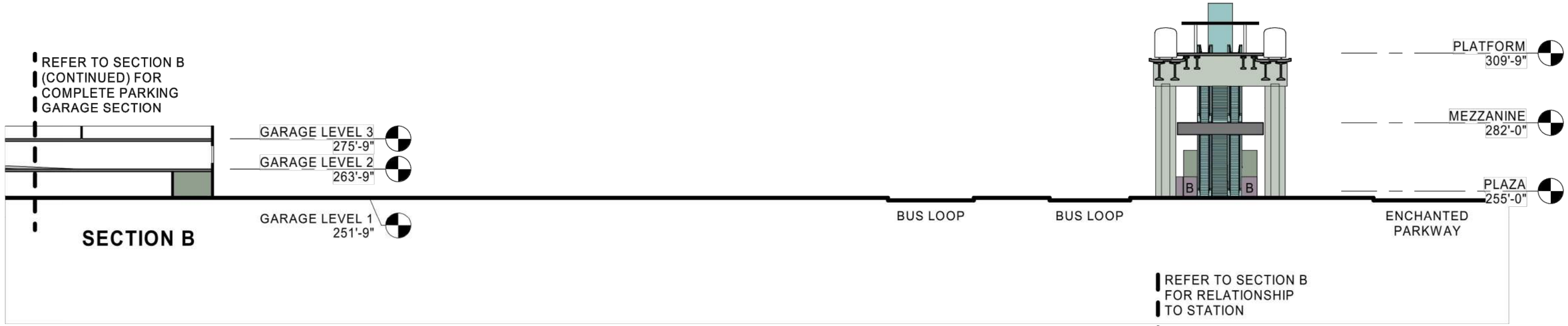

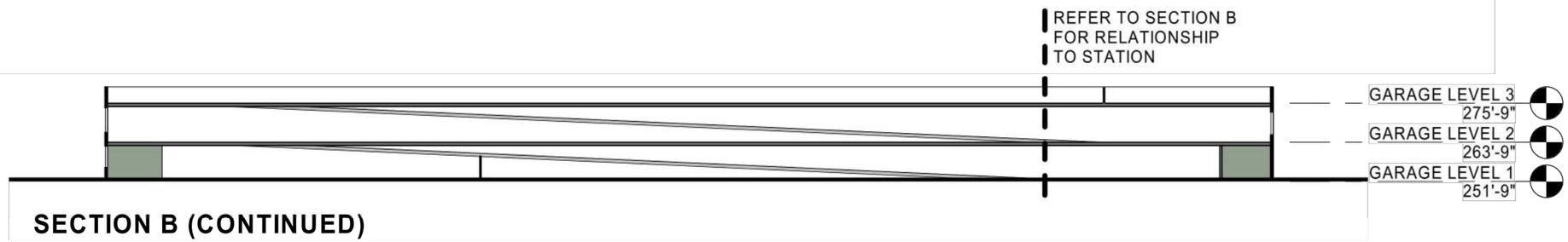

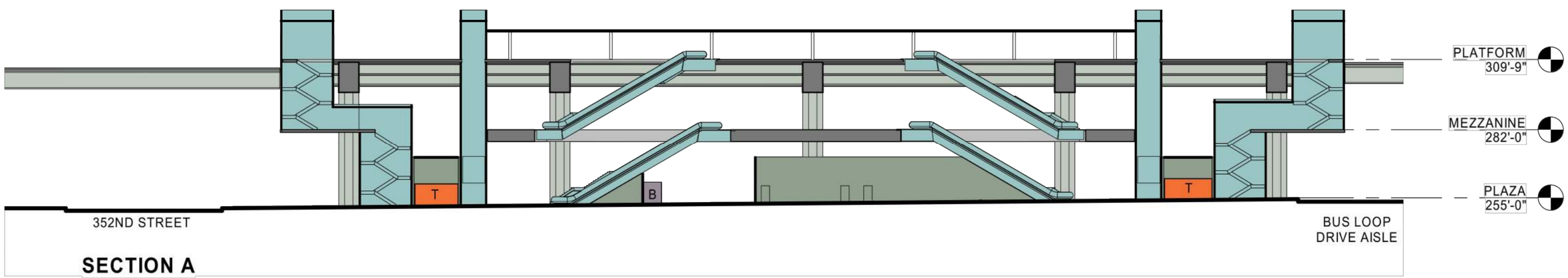

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF ENCHANTED PARKWAY STATION
SECTIONS

A00-ASX101
35

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

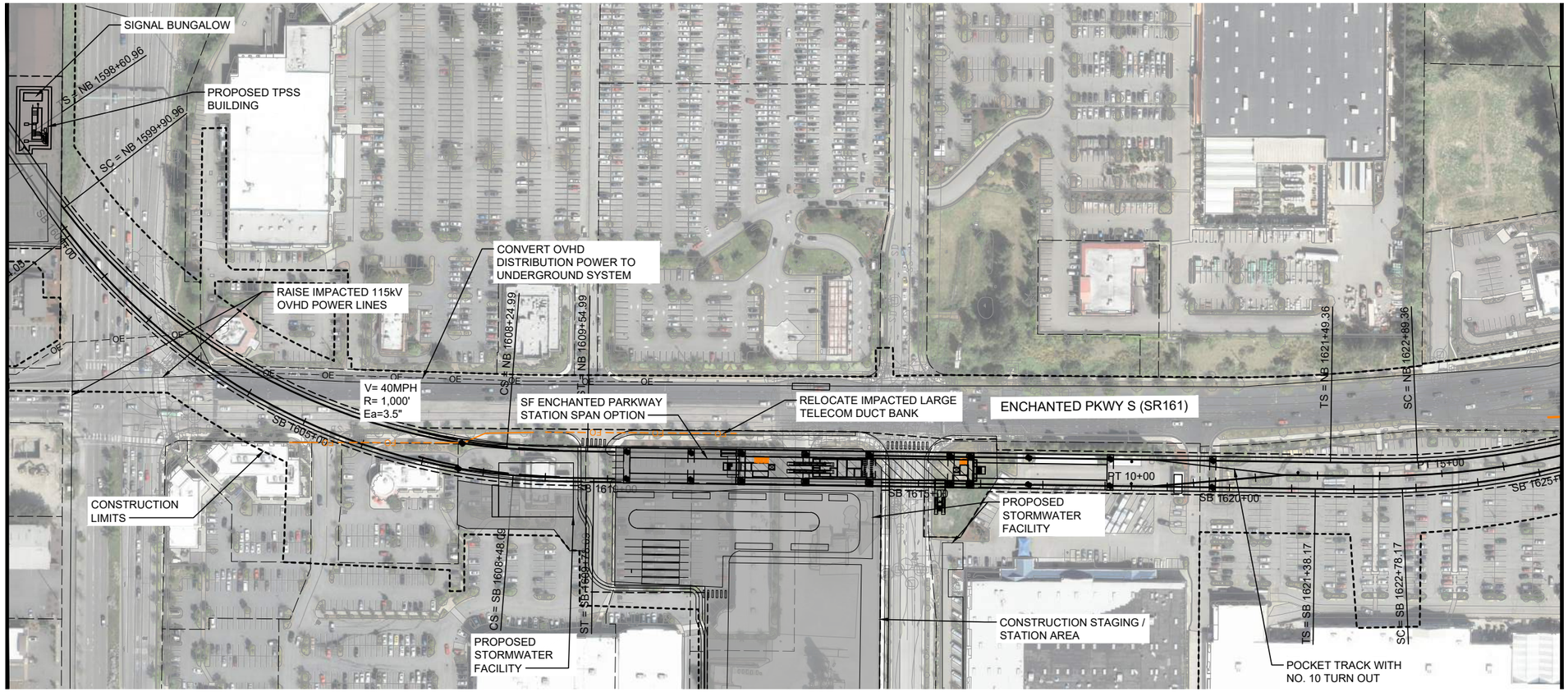

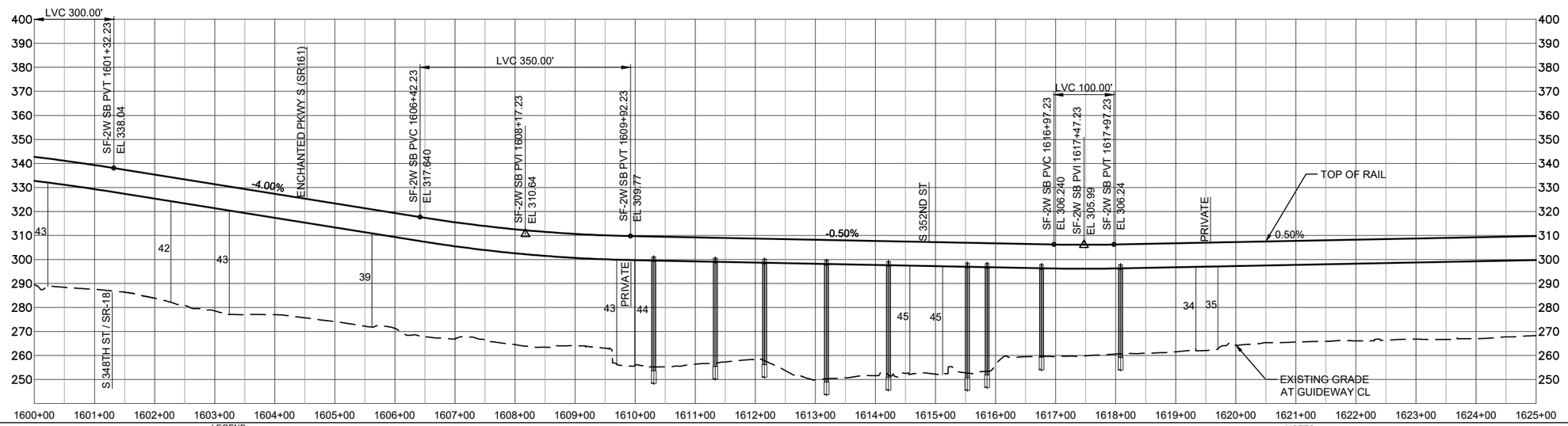

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

SF 352ND SPAN STATION OPTION
TRACK PLAN AND PROFILE
STA 1600+00 TO STA 1625+00

A1B-KAP05
36

7/3/2024 12:49:02 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

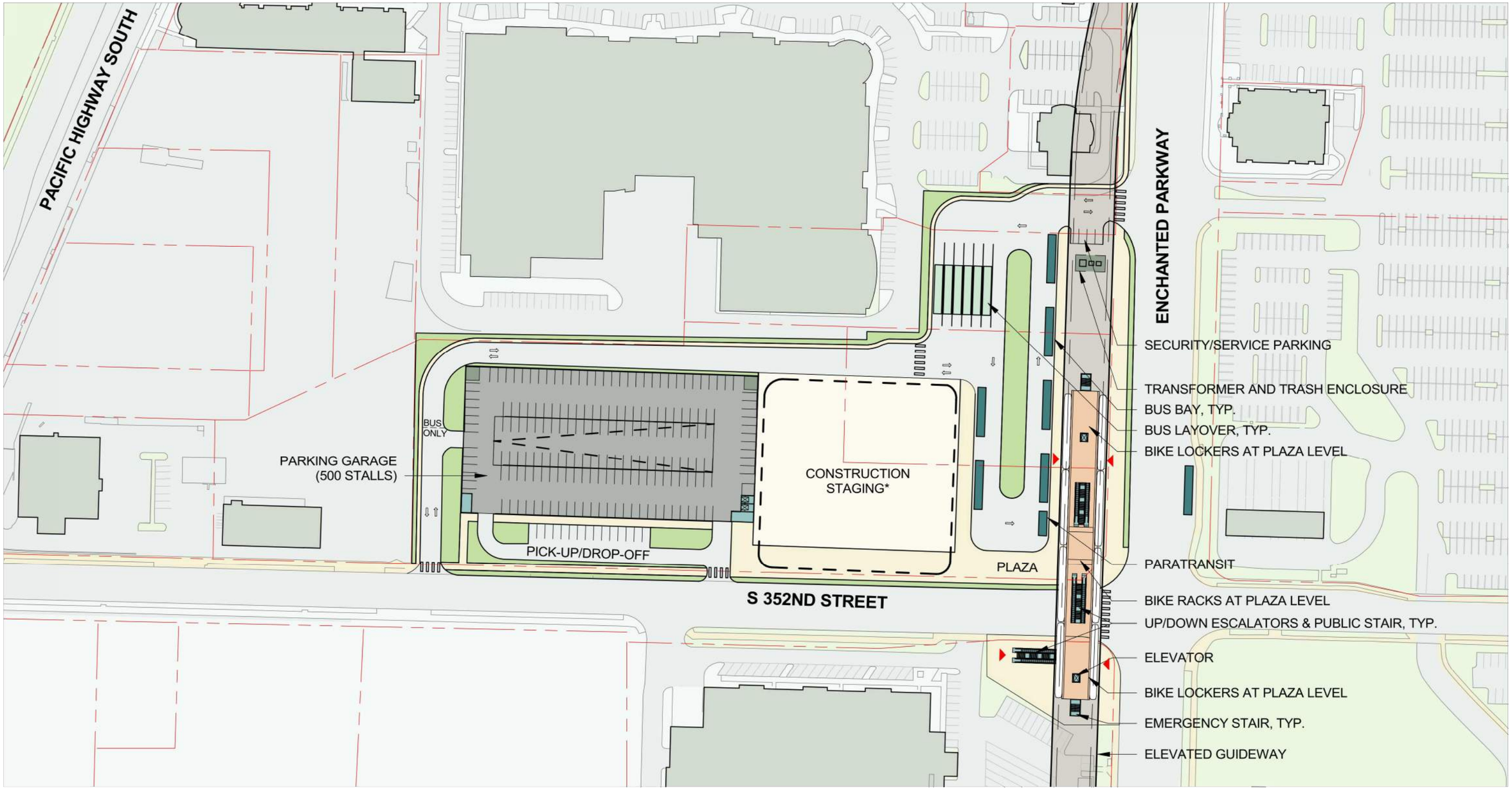

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

* Does not represent all necessary construction staging areas; see track plan and profile drawings

0 60' 120'

N

SOUNDTRANSIT

schemata workshop

SF 352ND SPAN STATION OPTION
SITE PLAN

A1B-ASP101
37

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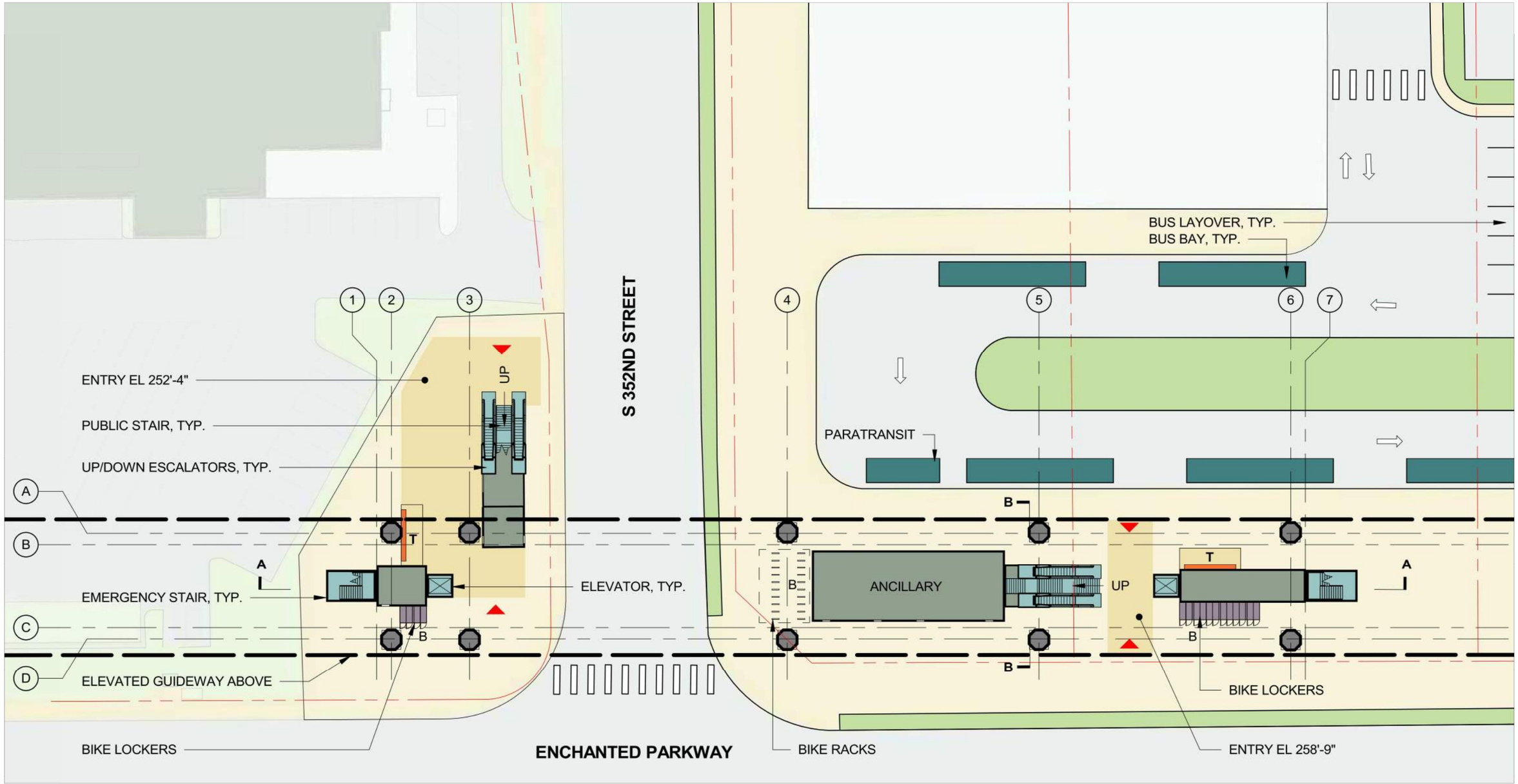

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Additional columns may be necessary to support mezzanine structure

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF 352ND SPAN STATION OPTION
PLAZA LEVEL PLAN

A1B-APP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

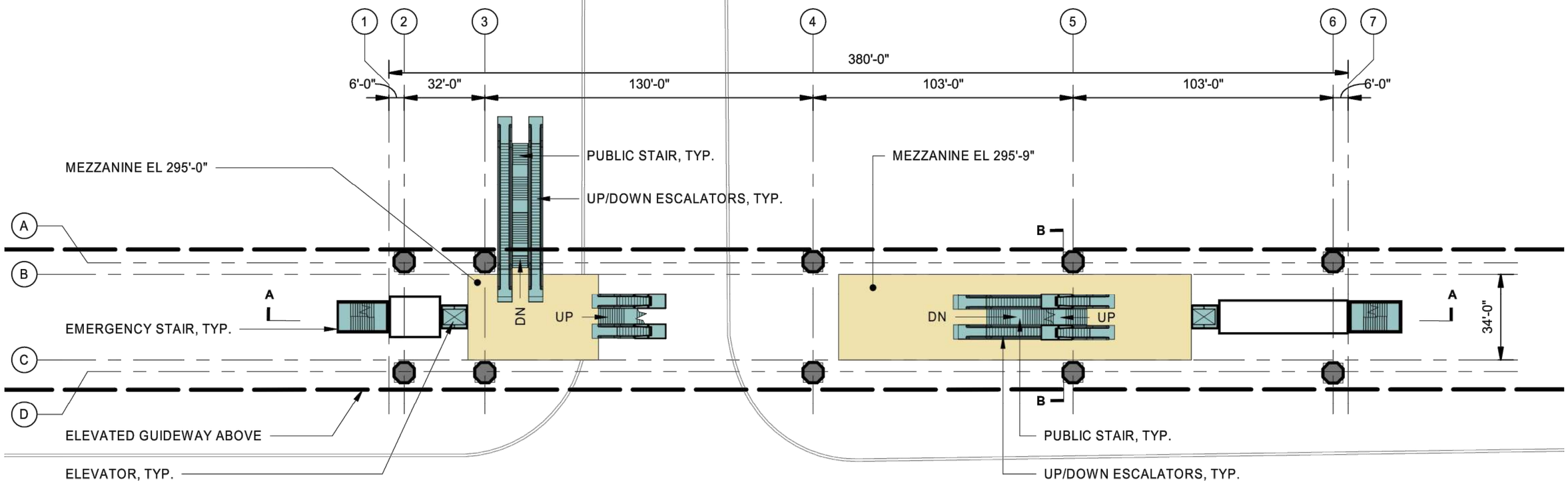

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF 352ND SPAN STATION OPTION
MEZZANINE LEVEL PLAN

A1B-APP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

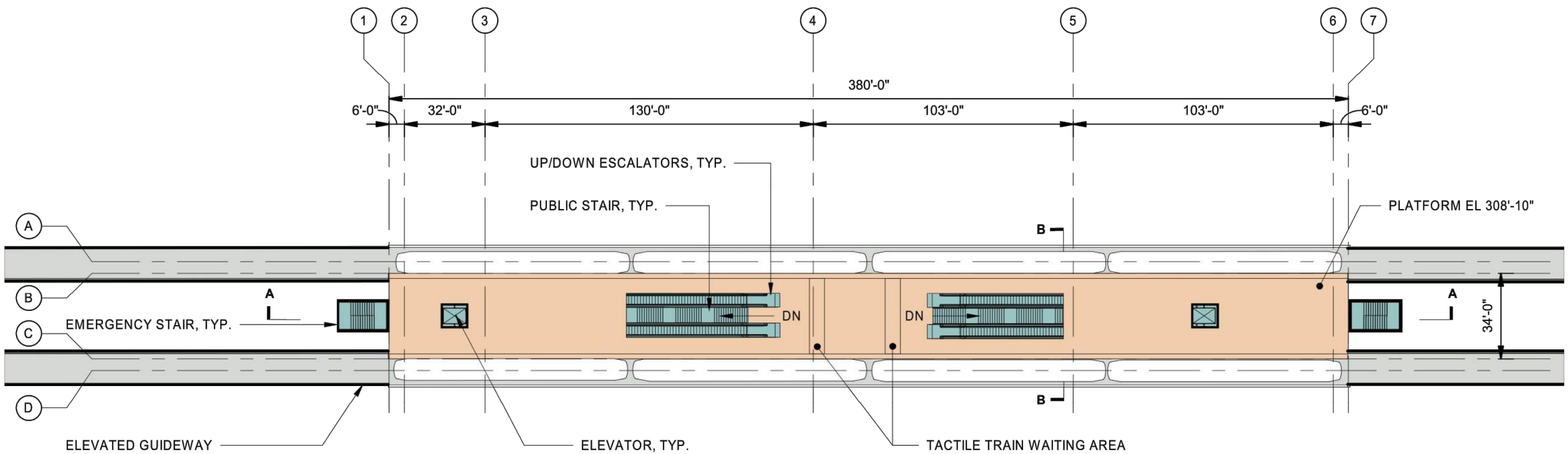

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

N

SOUNDTRANSIT

schemata workshop

SF 352ND SPAN STATION OPTION
PLATFORM LEVEL PLAN

A1B-APP103
40

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SECTION B

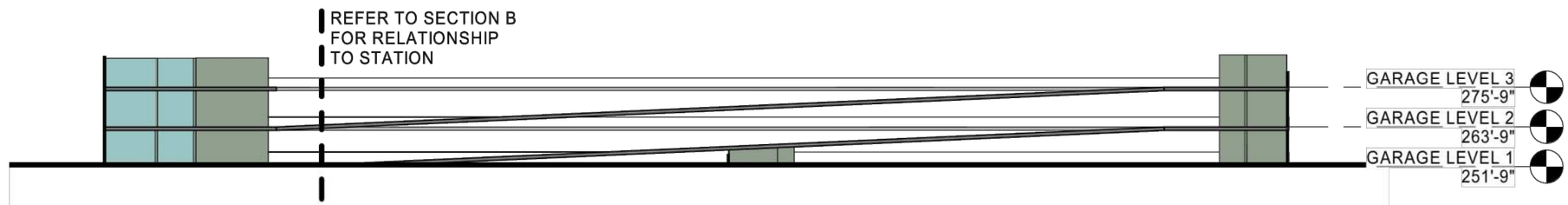

SECTION B (CONTINUED)

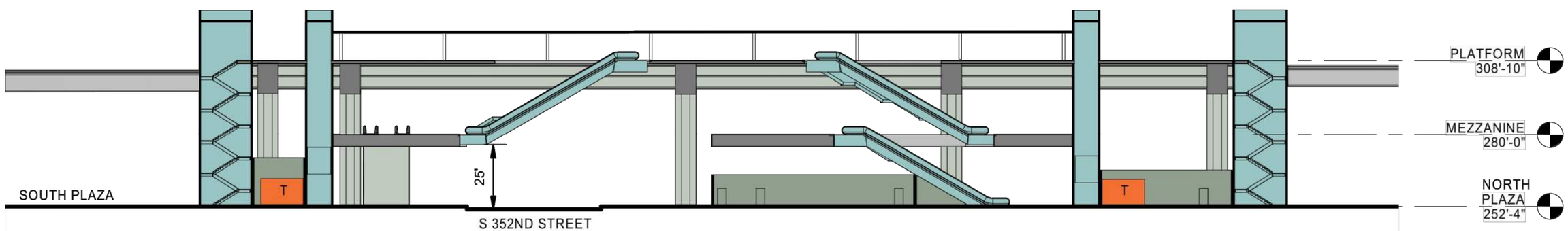

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF 352ND SPAN STATION OPTION
SECTIONS

A1B-ASX101
41

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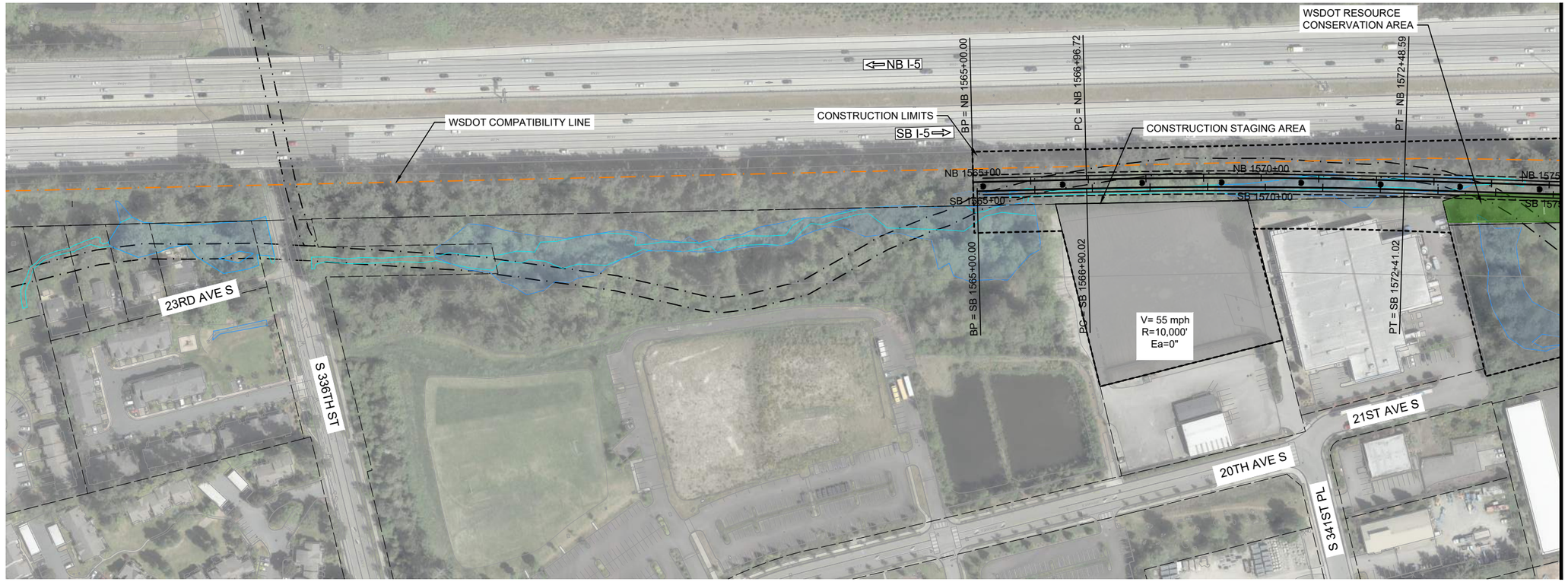

SEE SHEET C00-KAP04

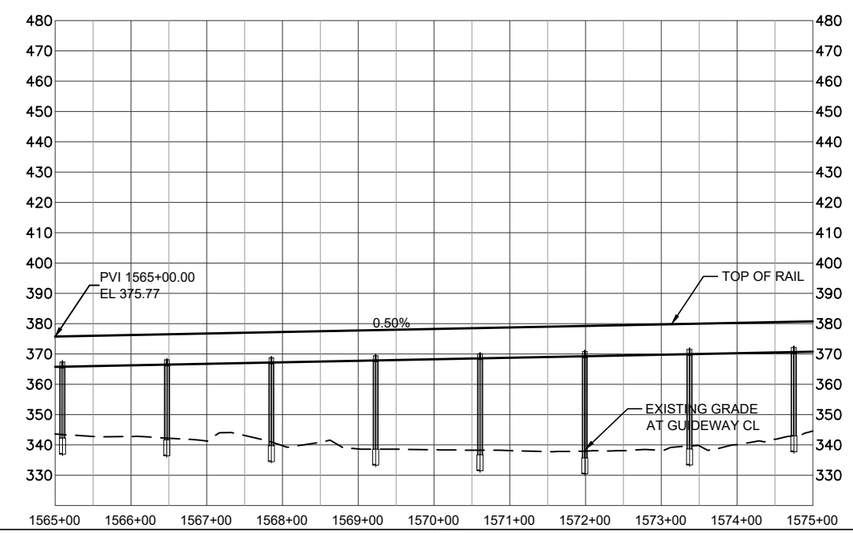

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1565+00 TO STA 1575+00

MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

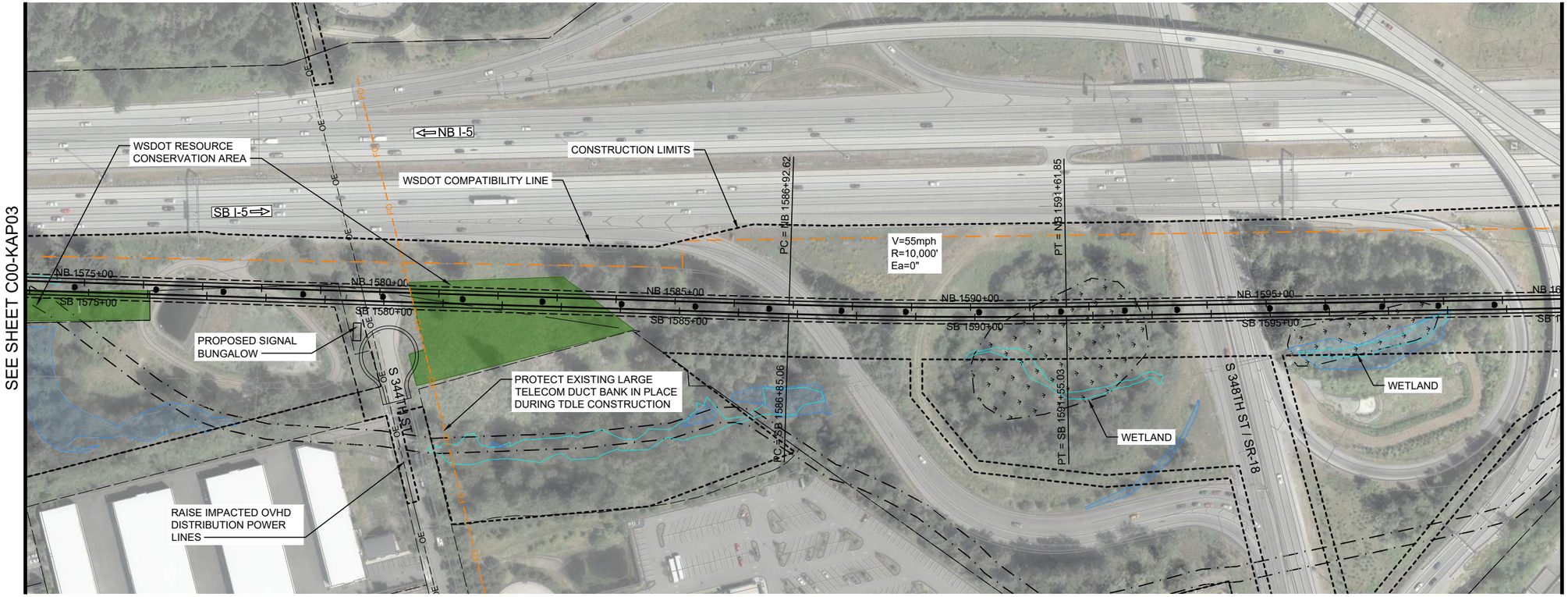

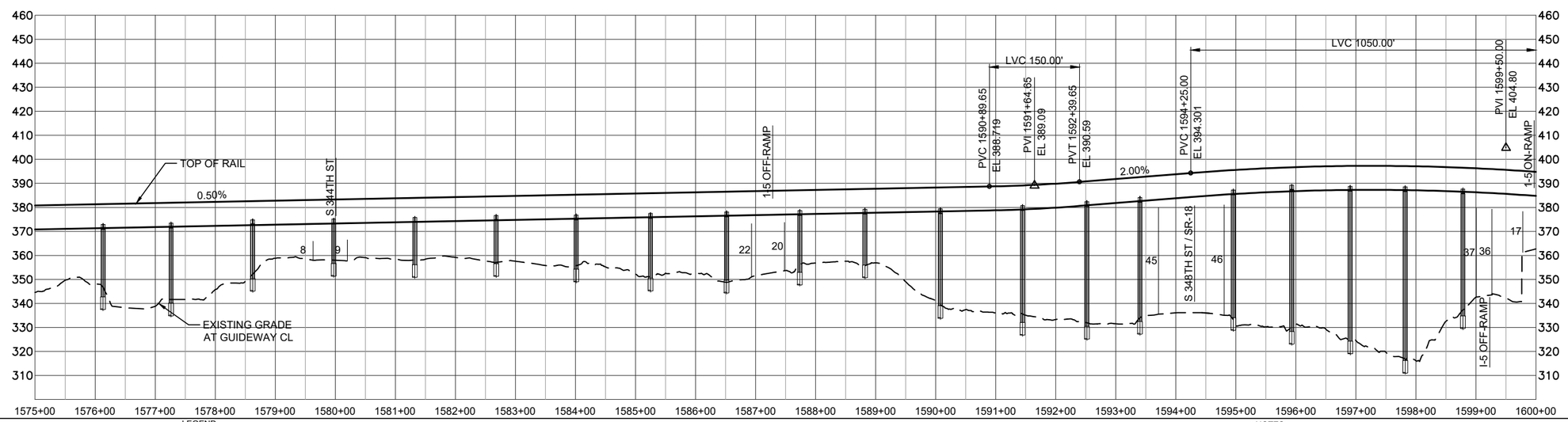

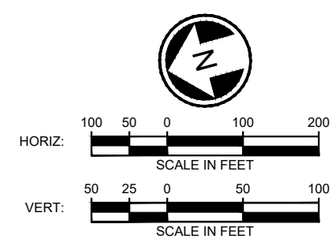

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
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- SURVEYED WETLAND (SEE NOTE 2)

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SF I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1575+00 TO STA 1600+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

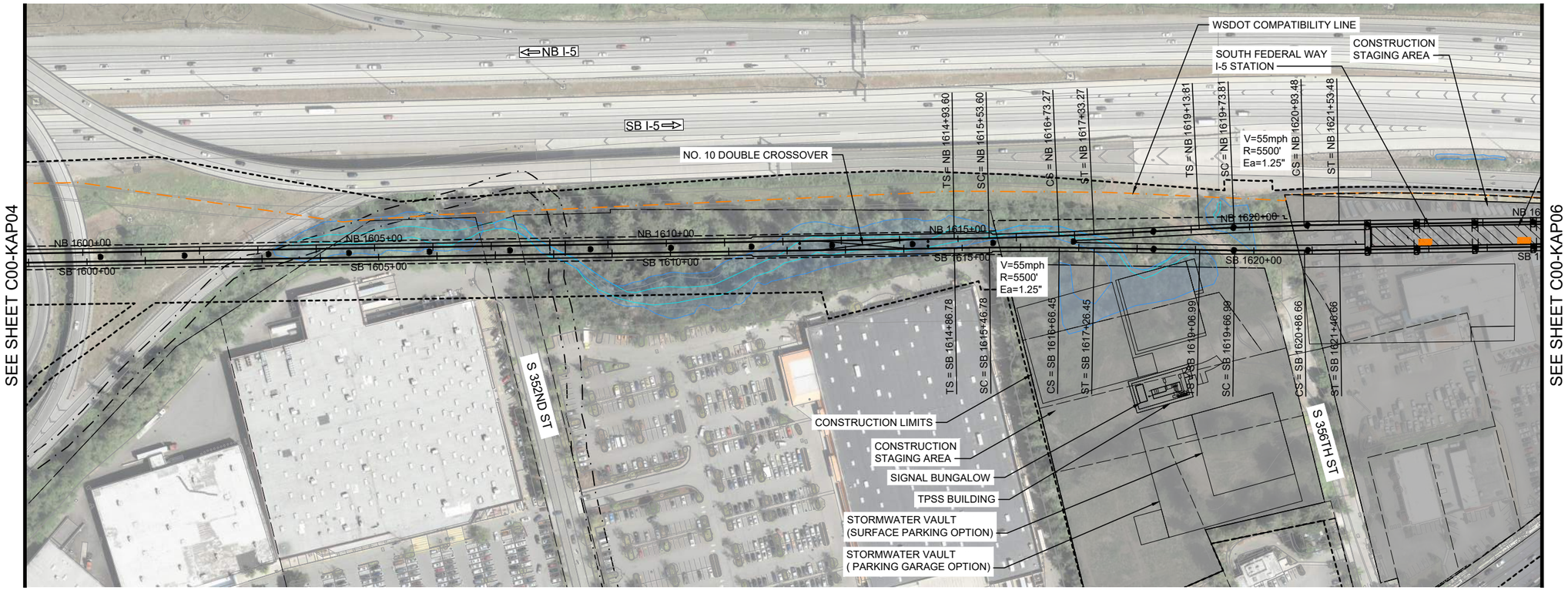

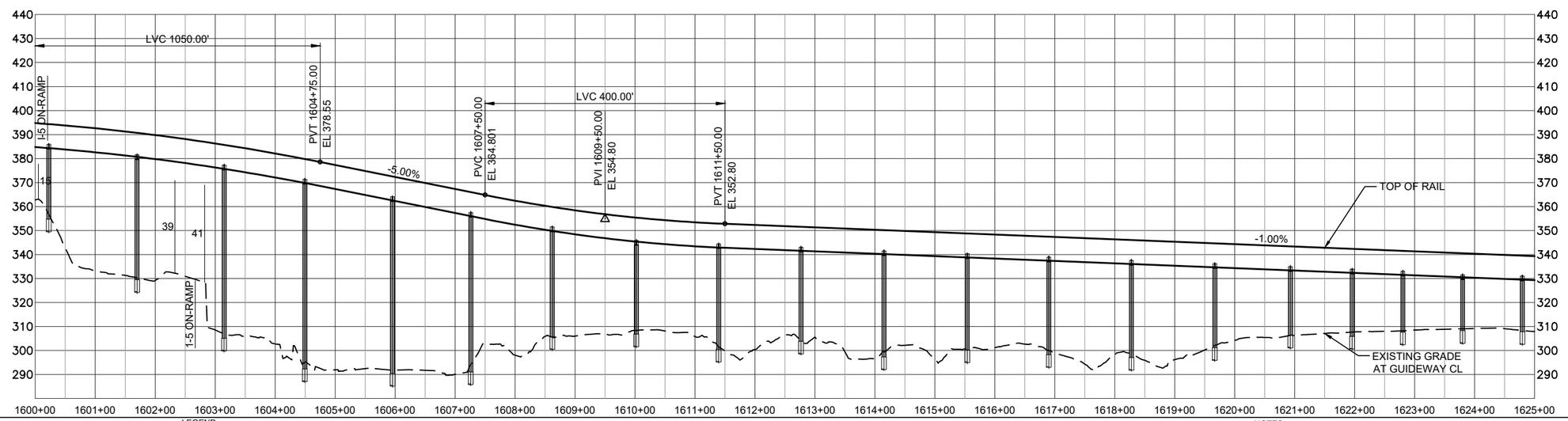

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
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SOUNDTRANSIT

HDR

SF I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1600+00 TO STA 1625+00

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

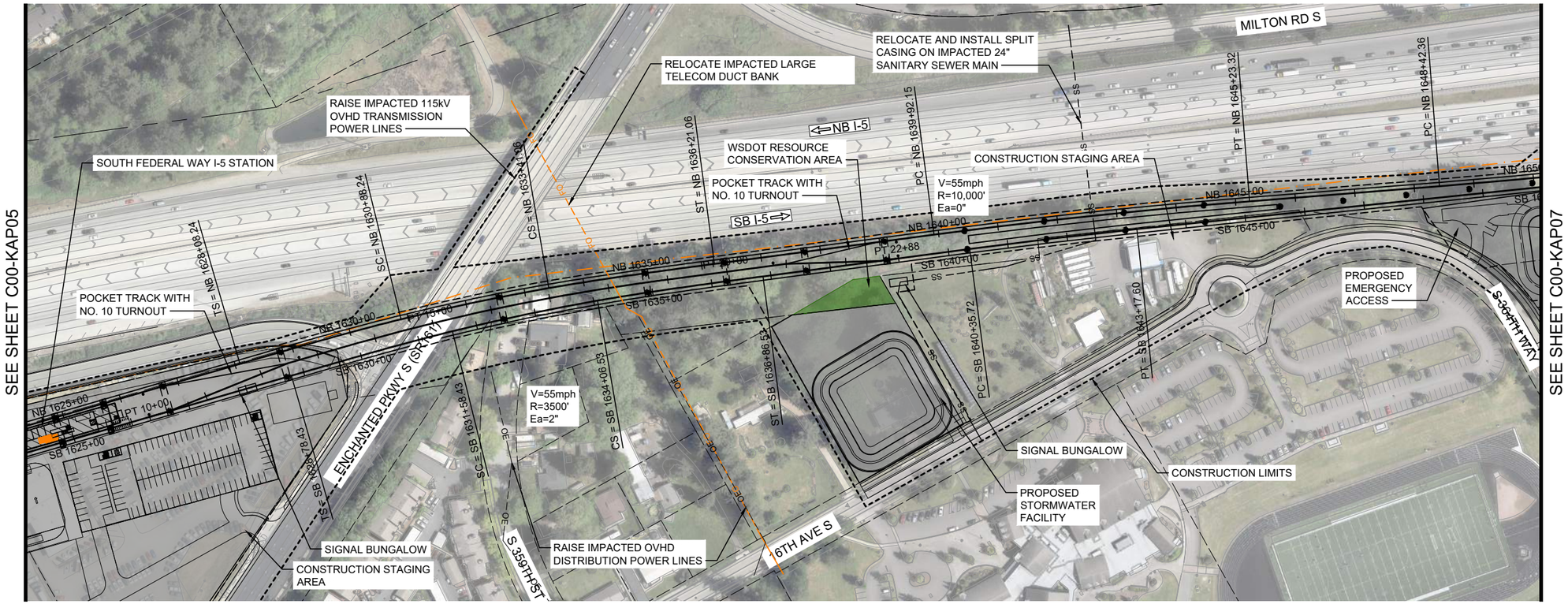

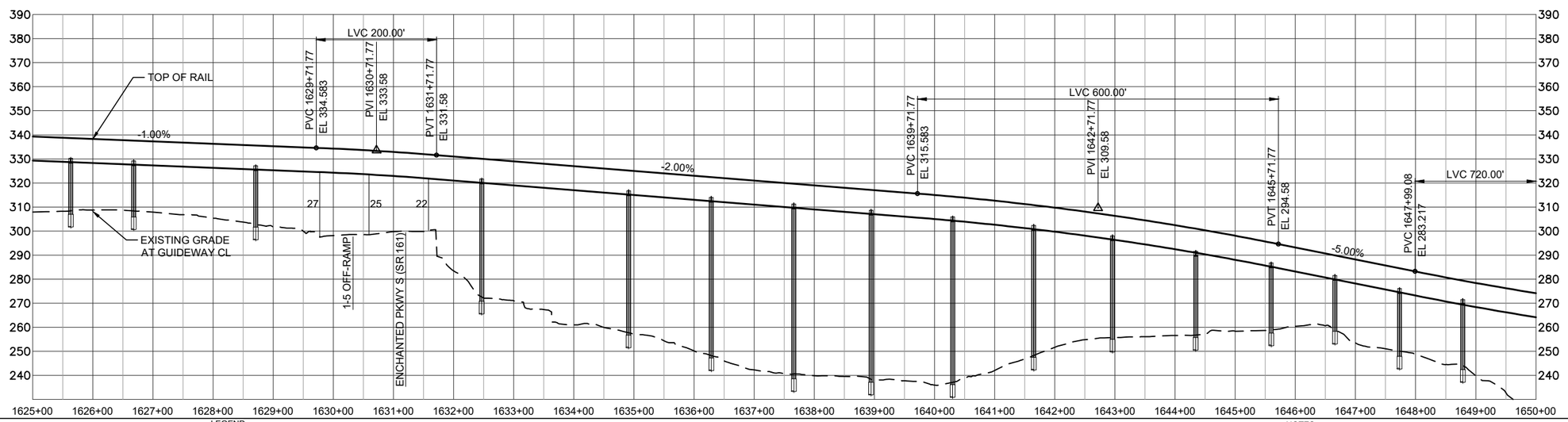

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

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- STATION PLATFORM
- CONSTRUCTION LIMITS
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SOUND TRANSIT

HDR

SF I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1625+00 TO STA 1650+00

C00-KAP06

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

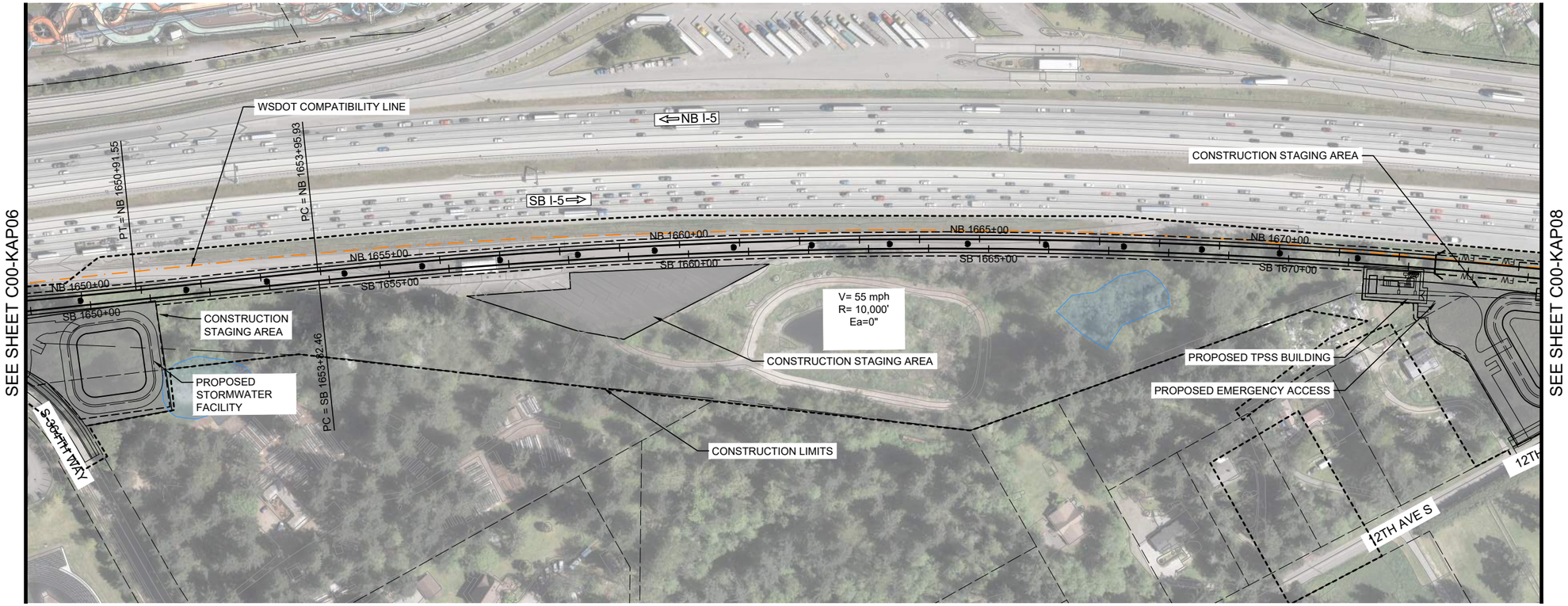

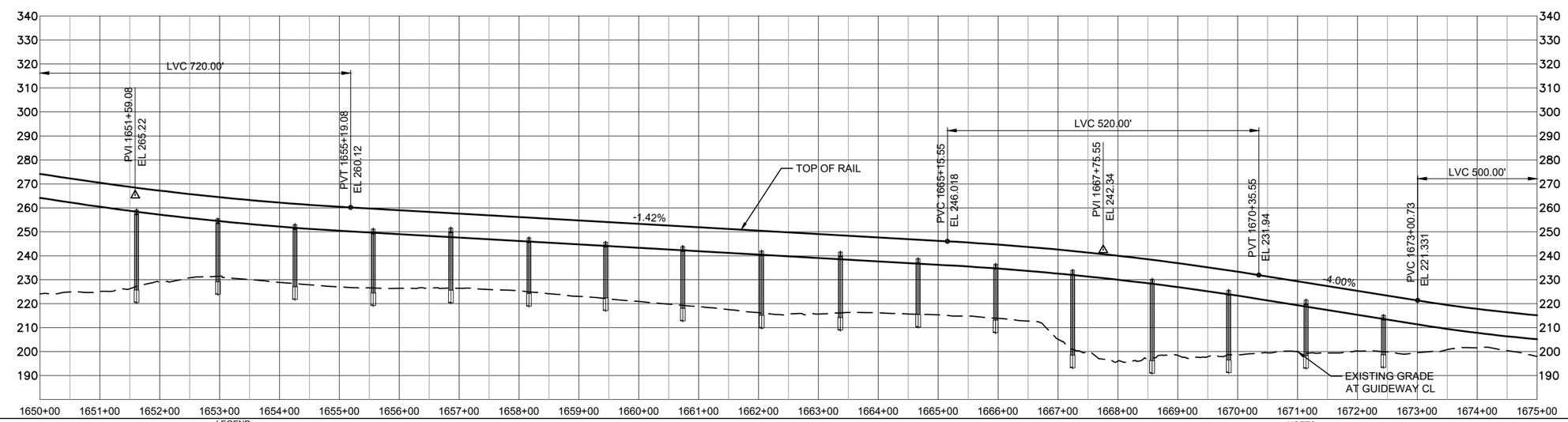

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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- SURVEYED WETLAND (SEE NOTE 2)

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SF I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1650+00 TO STA 1675+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

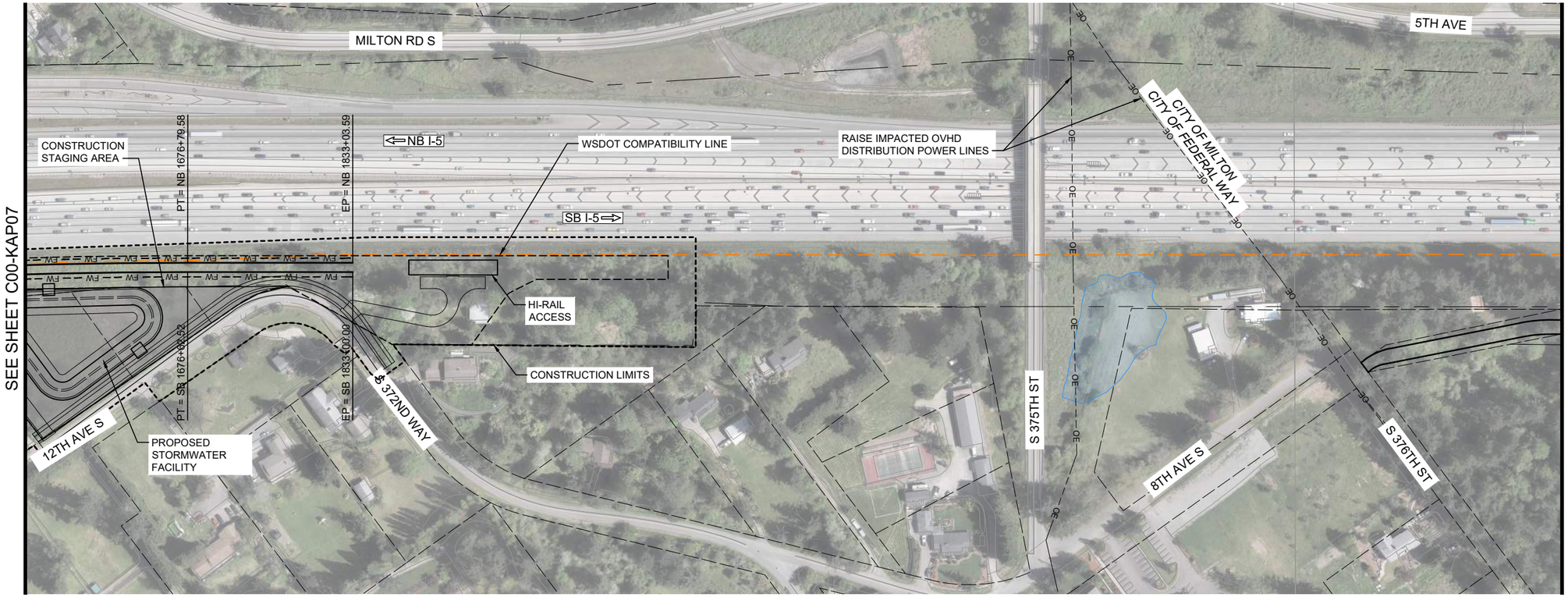

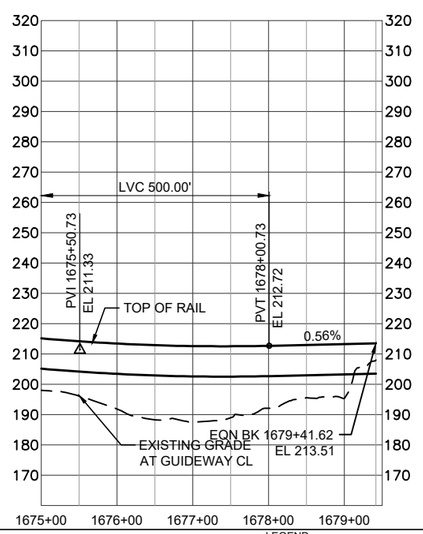

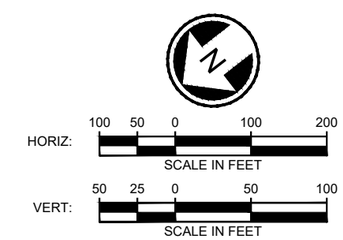

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1675+00 TO STA 1679+41.62

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

FUTURE WSDOT ROUNDABOUT

S 356TH STREET

CONSTRUCTION STAGING*

CONSTRUCTION STAGING*

ENCHANTED PARKWAY

PLAZA

PLAZA

I-5

SECURITY/SERVICE PARKING

FUTURE WSDOT ROUNDABOUT

TRANSFORMER AND TRASH ENCLOSURE

BUS LAYOVER, TYP.

BUS BAY, TYP.

UP ESCALATOR & PUBLIC STAIR

PARATRANSIT

BIKE LOCKERS AT PLAZA LEVEL

PICK-UP/DROP-OFF AT PLAZA LEVEL

ELEVATOR

EMERGENCY STAIR, TYP.

BIKE RACKS

ELEVATED GUIDEWAY

PARKING GARAGE (500 STALLS)

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

* Does not represent all necessary construction staging areas; see track plan and profile drawings

0 60' 120'

N

SOUNDTRANSIT

schemata workshop

SF I-5 STATION
SITE PLAN

C00-ASP101
48

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

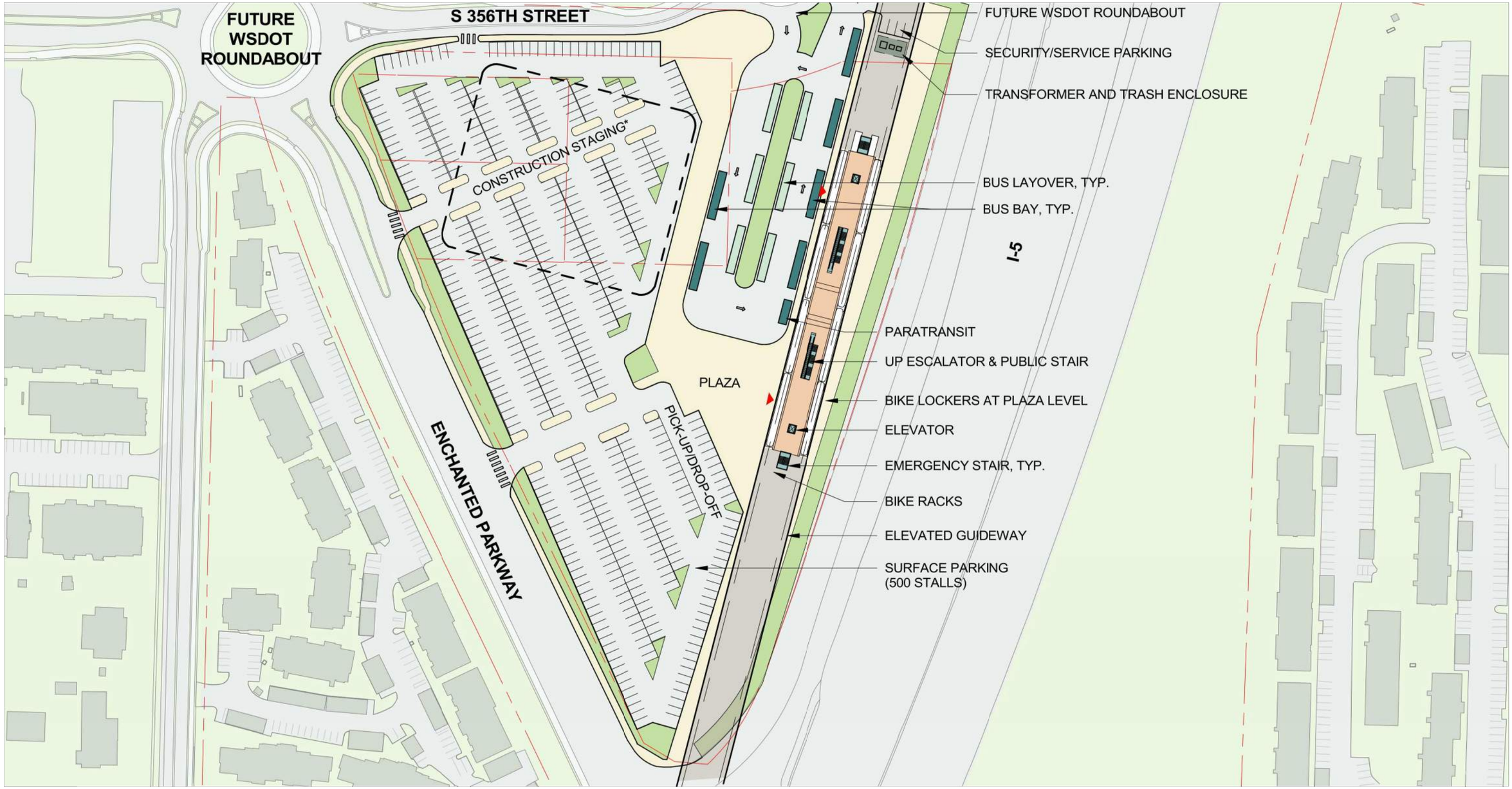

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

* Does not represent all necessary construction staging areas; see track plan and profile drawings

0 60' 120'

N

SOUNDTRANSIT

schemata workshop

SF I-5 STATION
SITE PLAN - SURFACE PARKING OPTION

C00-ASP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

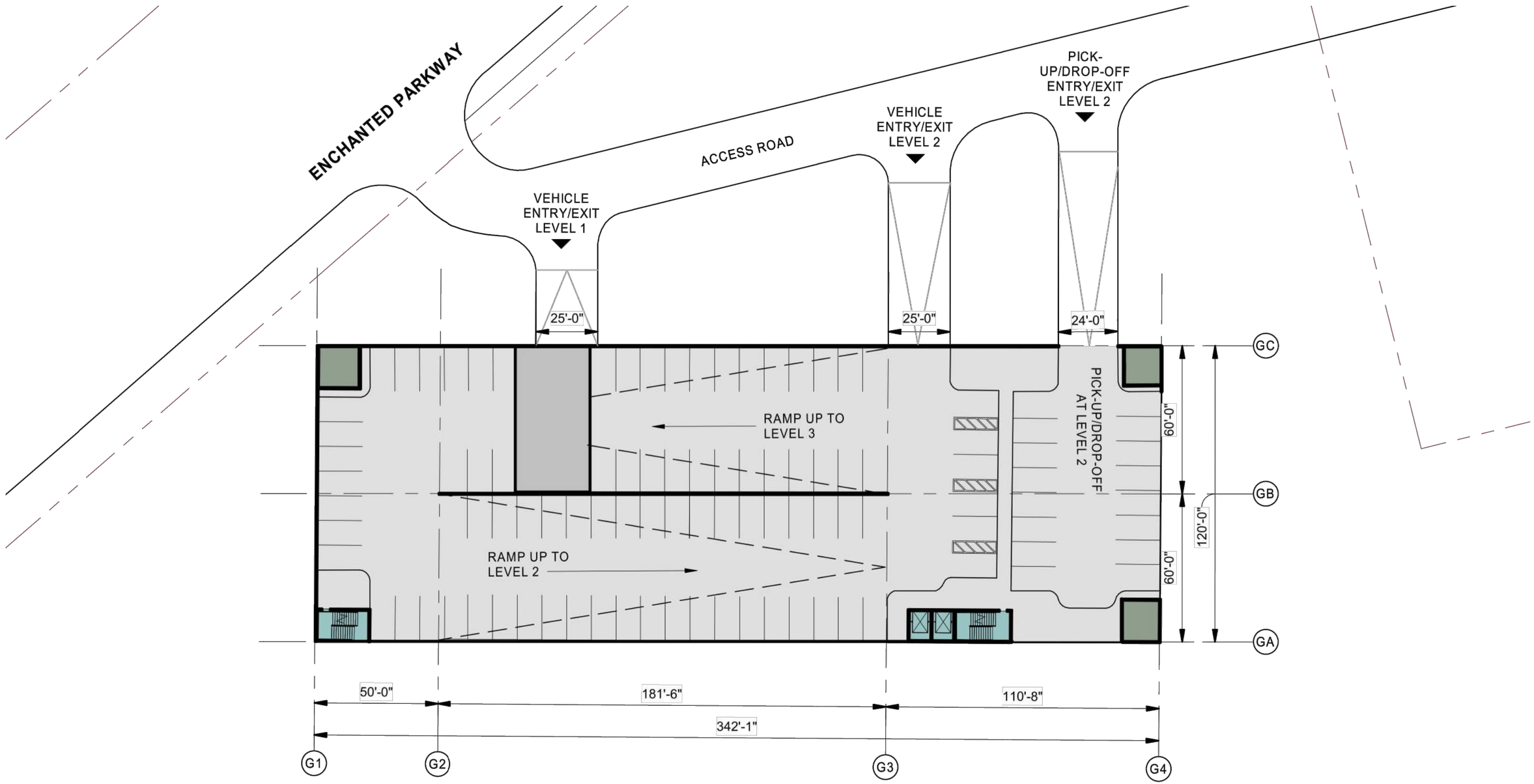

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

schemata workshop

SF I-5 STATION
TYPICAL GARAGE PLAN

C00-APP101
50

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

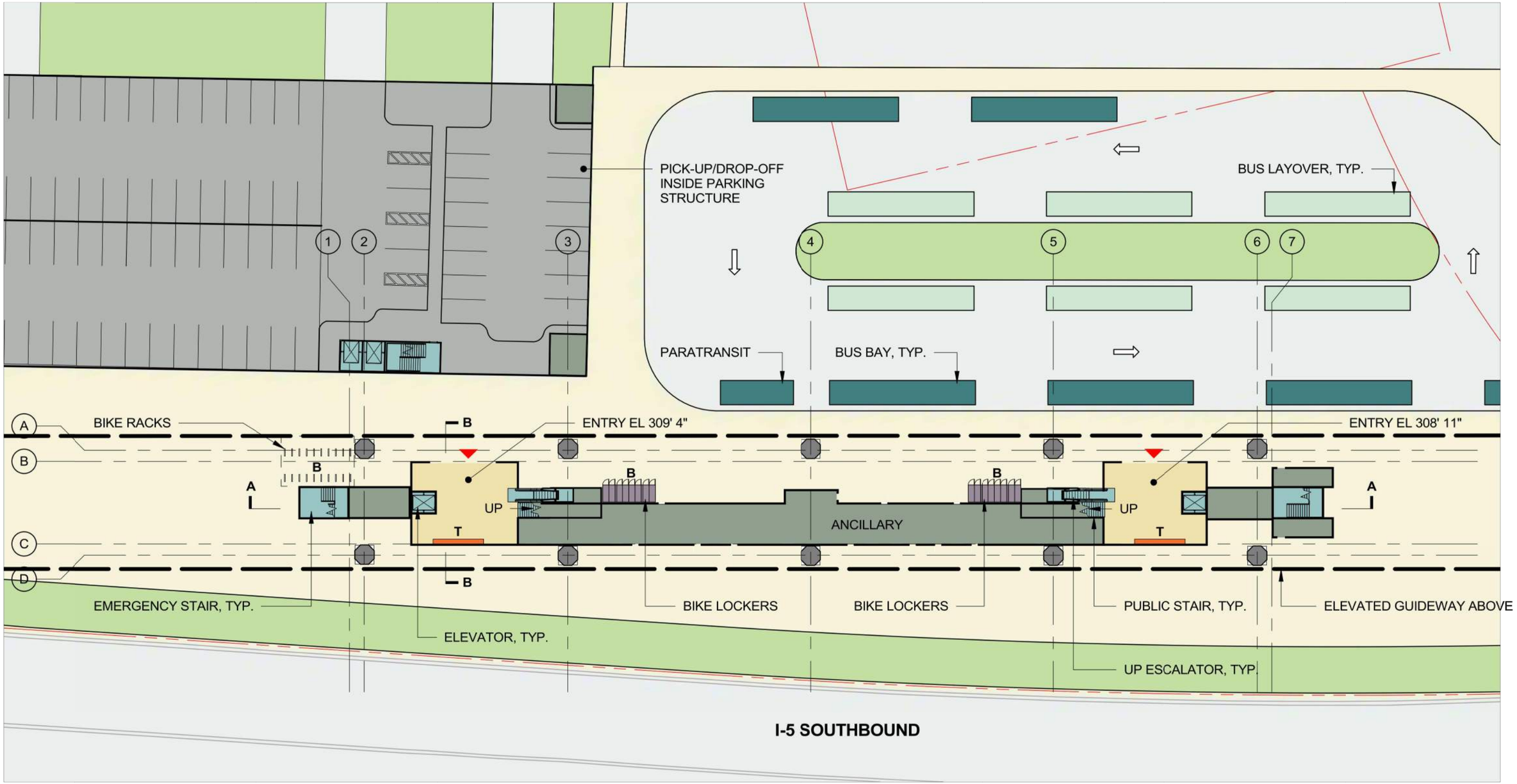

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF I-5 STATION
PLAZA LEVEL PLAN

C00-APP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

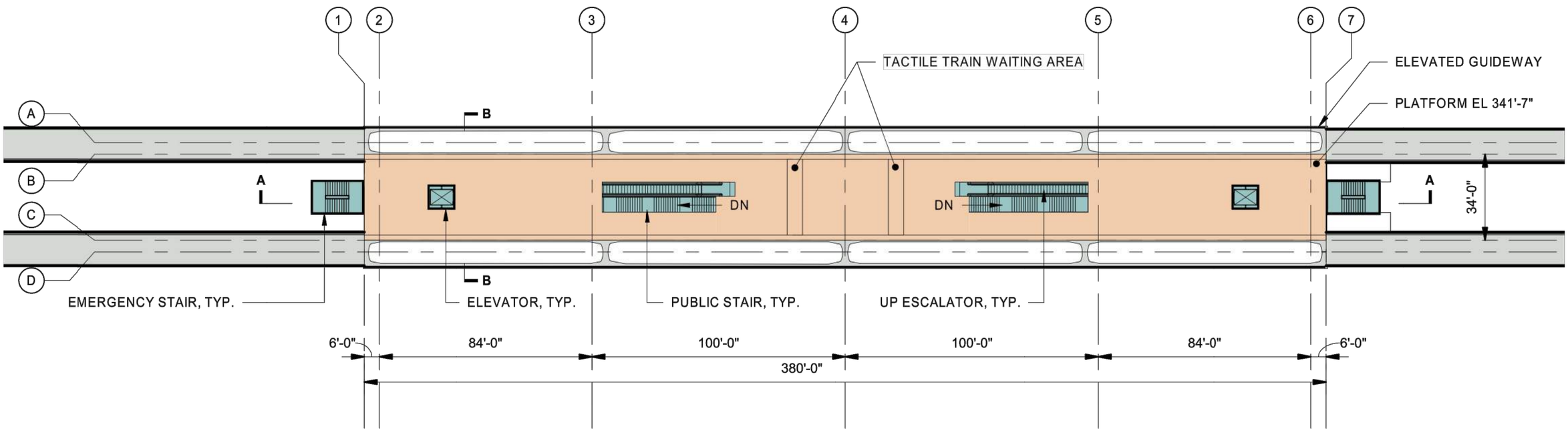

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF I-5 STATION
PLATFORM LEVEL PLAN

C00-APP103
52

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SECTION B

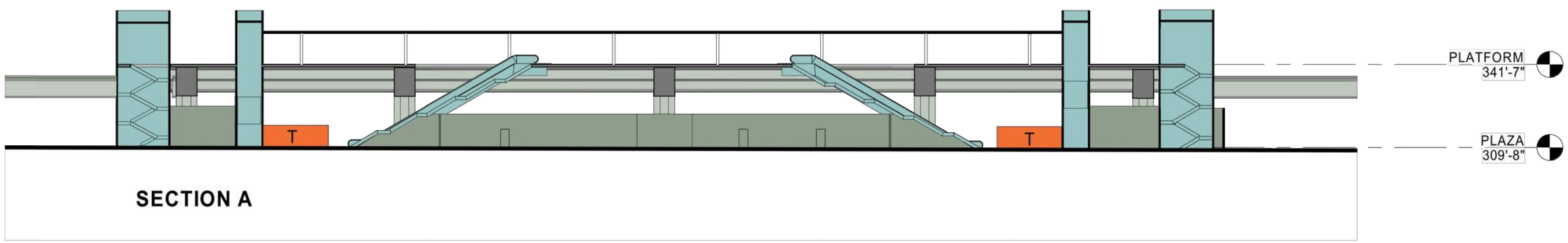

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Surface parking station option has similar station design to structured parking option. Structured parking design option shown.

0 20' 40'

SOUNDTRANSIT

schemata workshop

SF I-5 STATION
SECTIONS

C00-ASX101
53

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

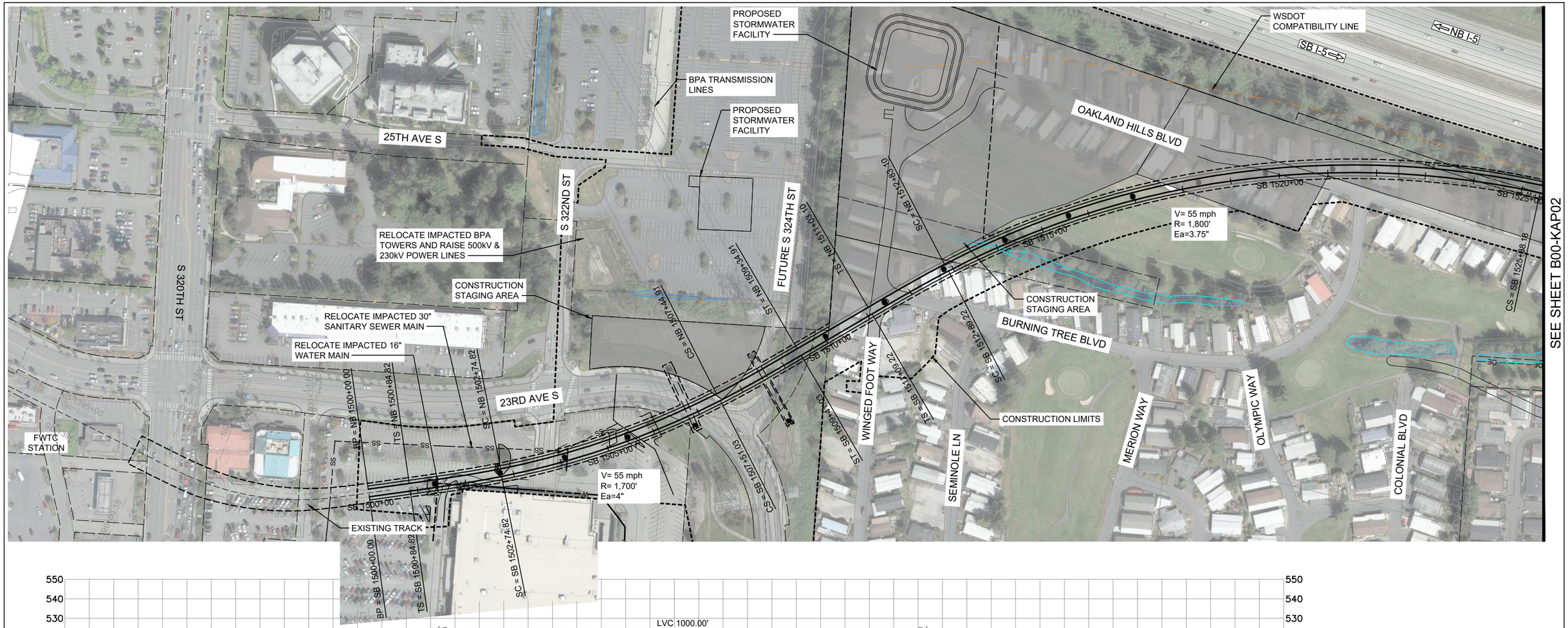

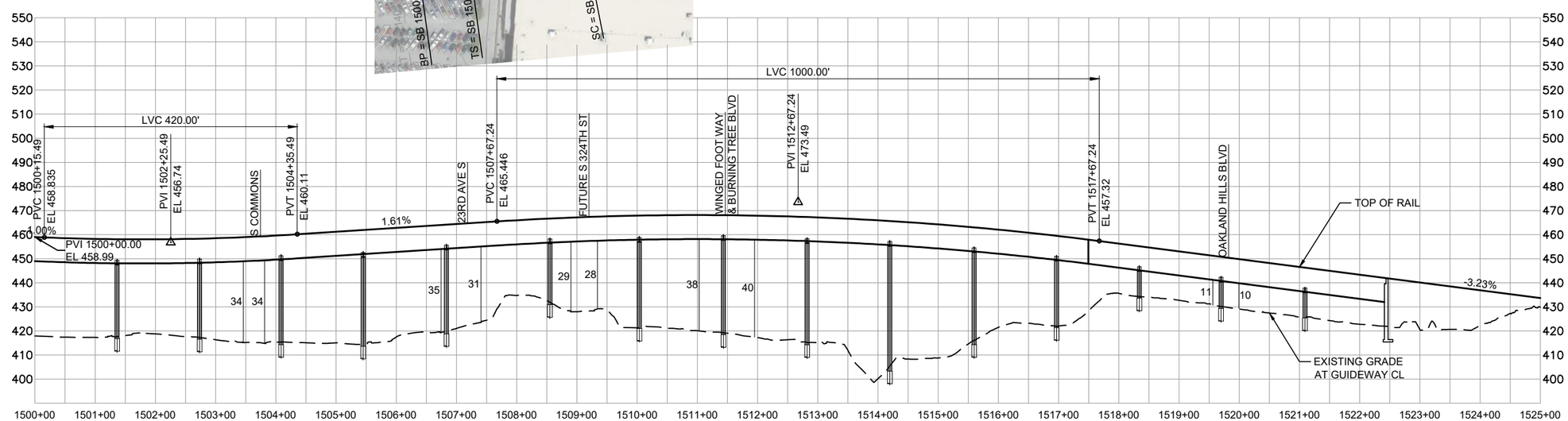

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VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

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SOUNDTRANSIT HDR

B - SOUTH FEDERAL WAY 55MPH DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1500+00 TO STA 1525+00

B00-KAP01
99

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SEE SHEET B00-KAP01

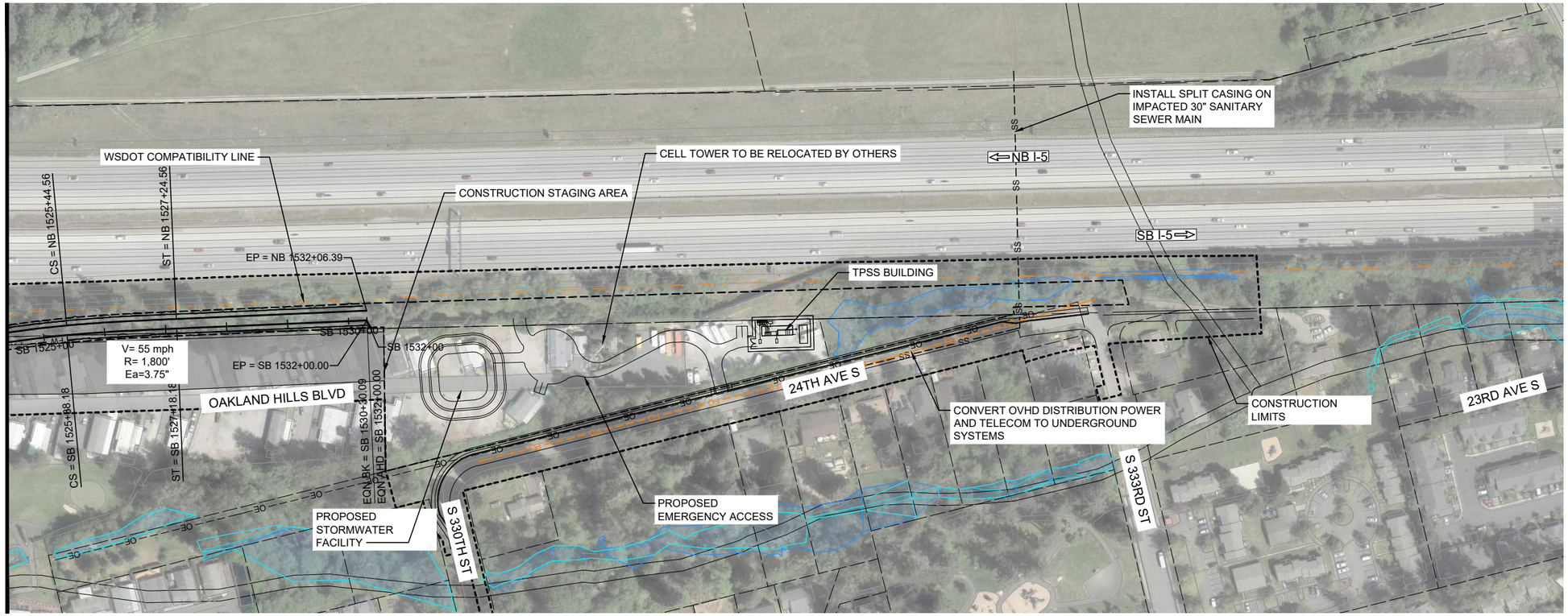

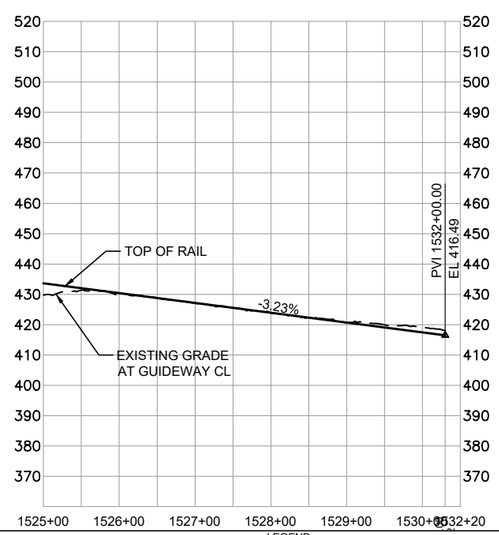

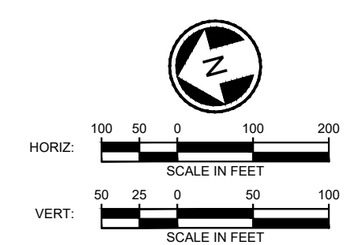

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B - SOUTH FEDERAL WAY 55MPH DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1525+00 TO STA 1532+00

B00-KAP02
100

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

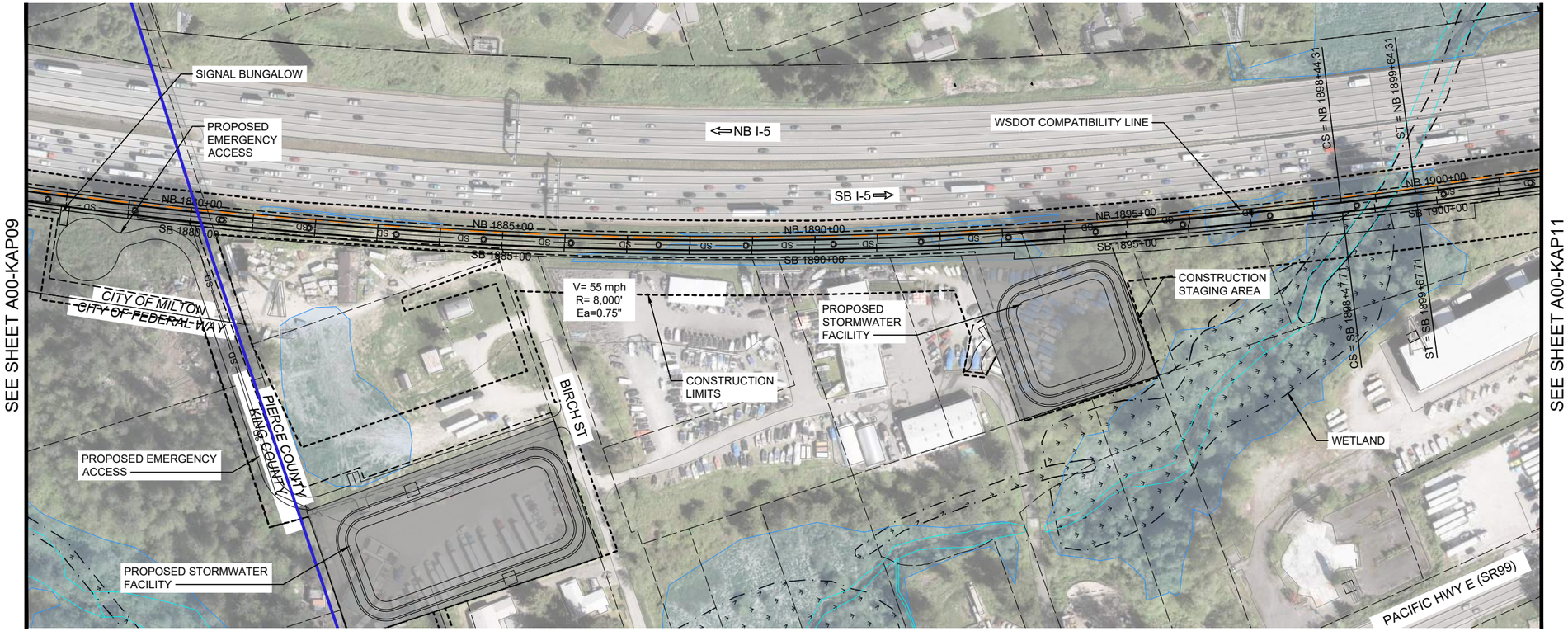

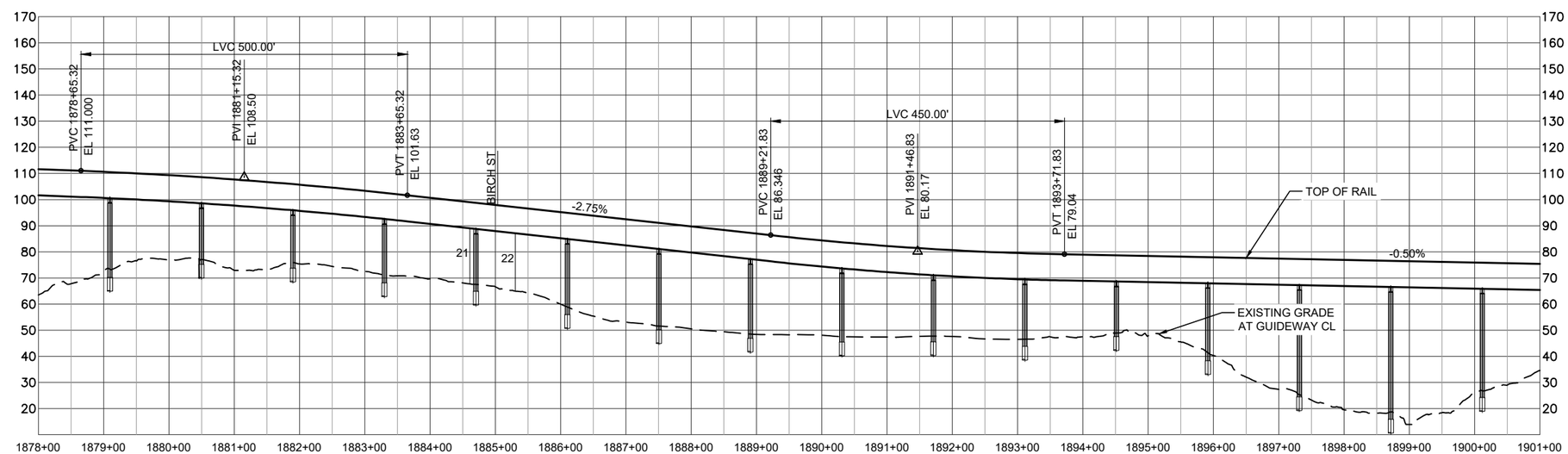

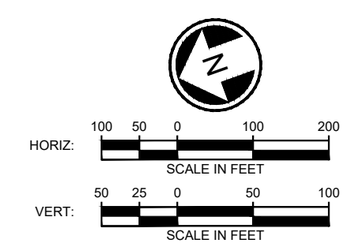

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SOUNDTRANSIT

HDR

ALL SFW TO FIFE ALTERNATIVES
TRACK PLAN AND PROFILE
STA 1878+00 TO STA 1901+00

A00-KAP10

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

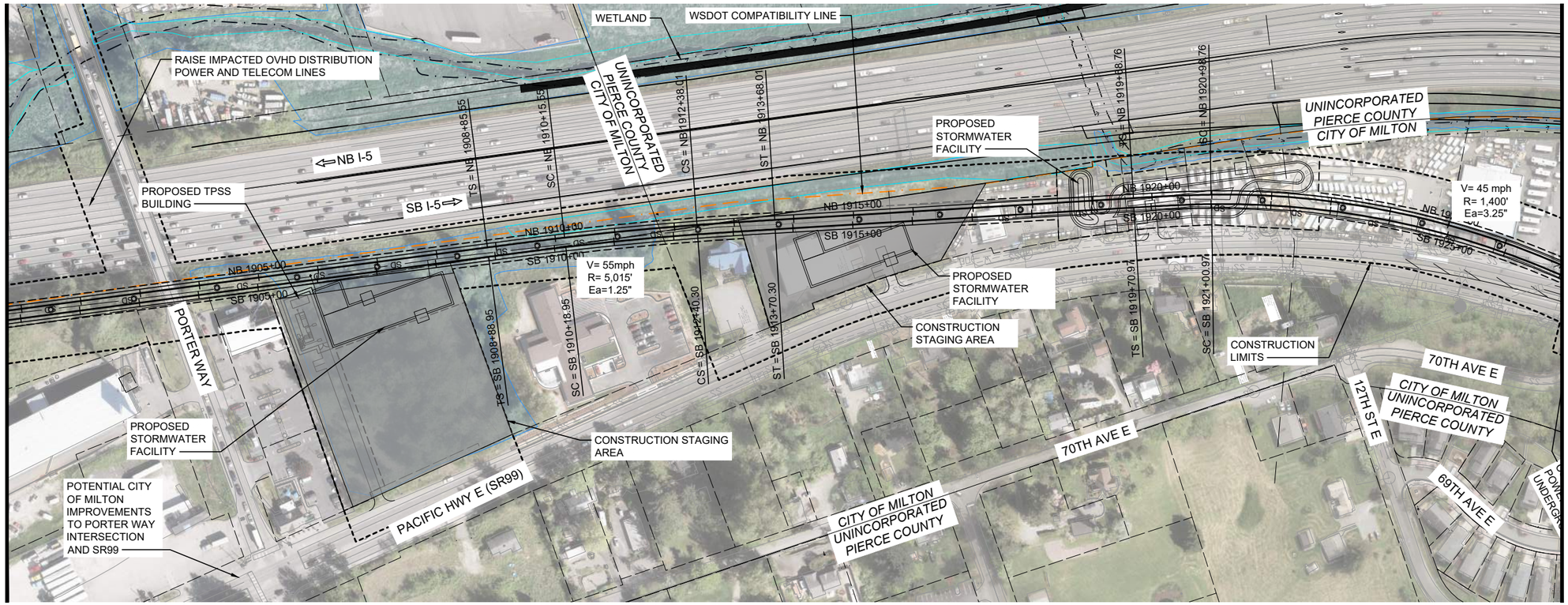

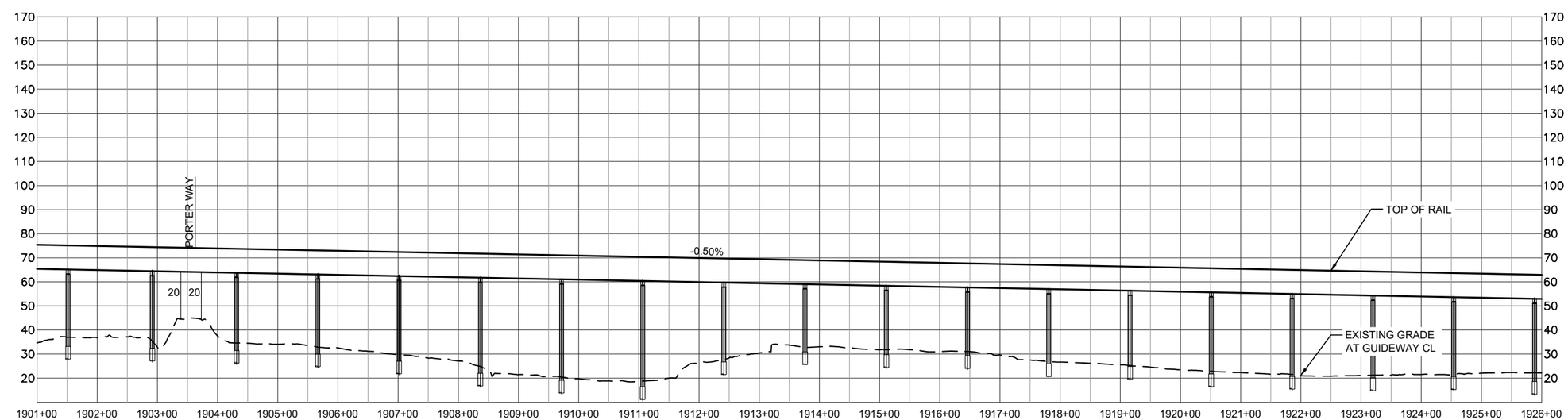

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VERT: 50 25 0 50 100 SCALE IN FEET

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- STATION PLATFORM
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SOUNDTRANSIT HDR

ALL SFW TO FIFE ALTERNATIVES
TRACK PLAN AND PROFILE
STA 1901+00 TO STA 1926+00

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

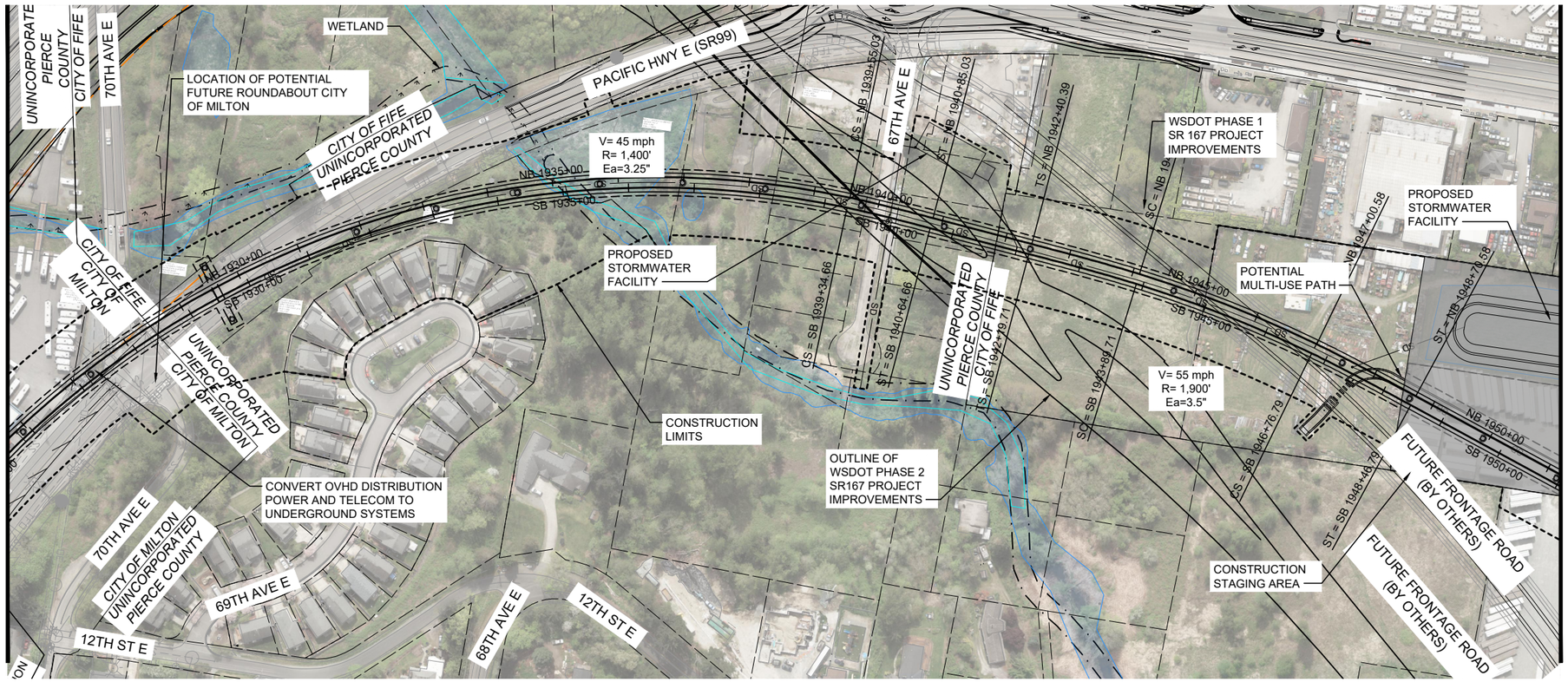

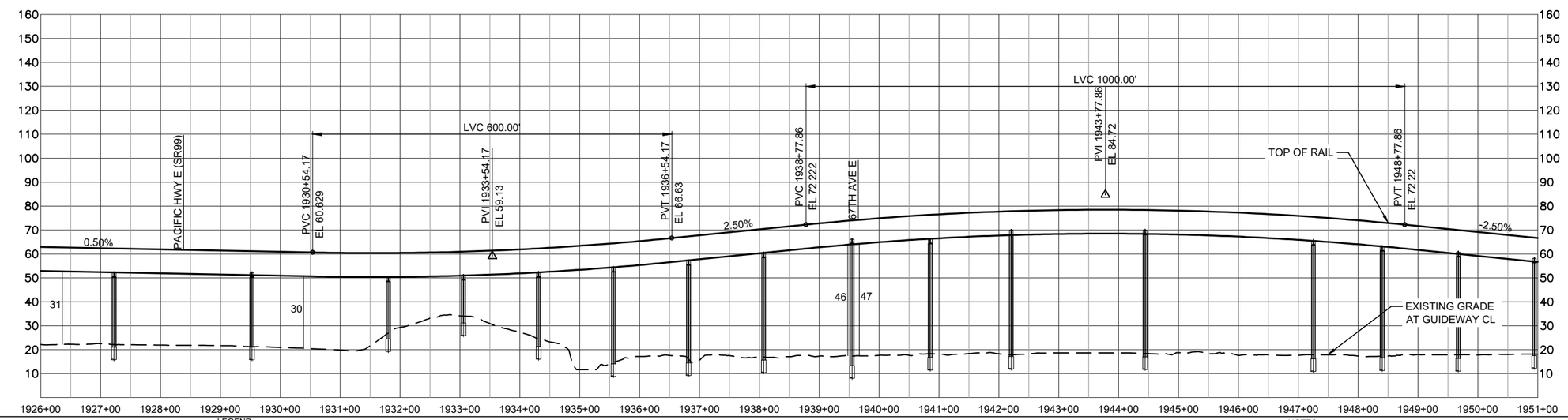

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

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ALL SFW TO FIFE ALTERNATIVES
TRACK PLAN AND PROFILE
STA 1926+00 TO STA 1951+00

A00-KAP12

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

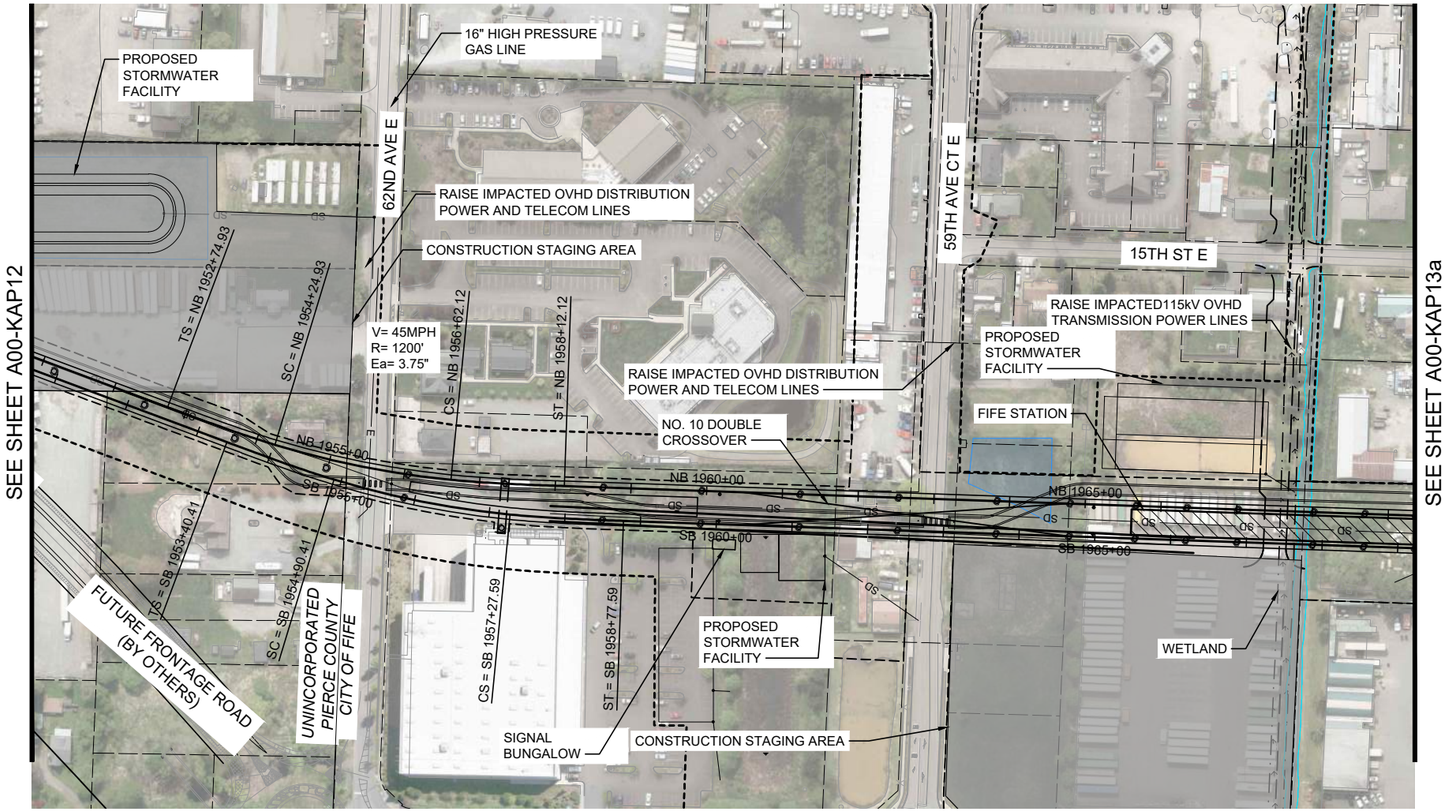

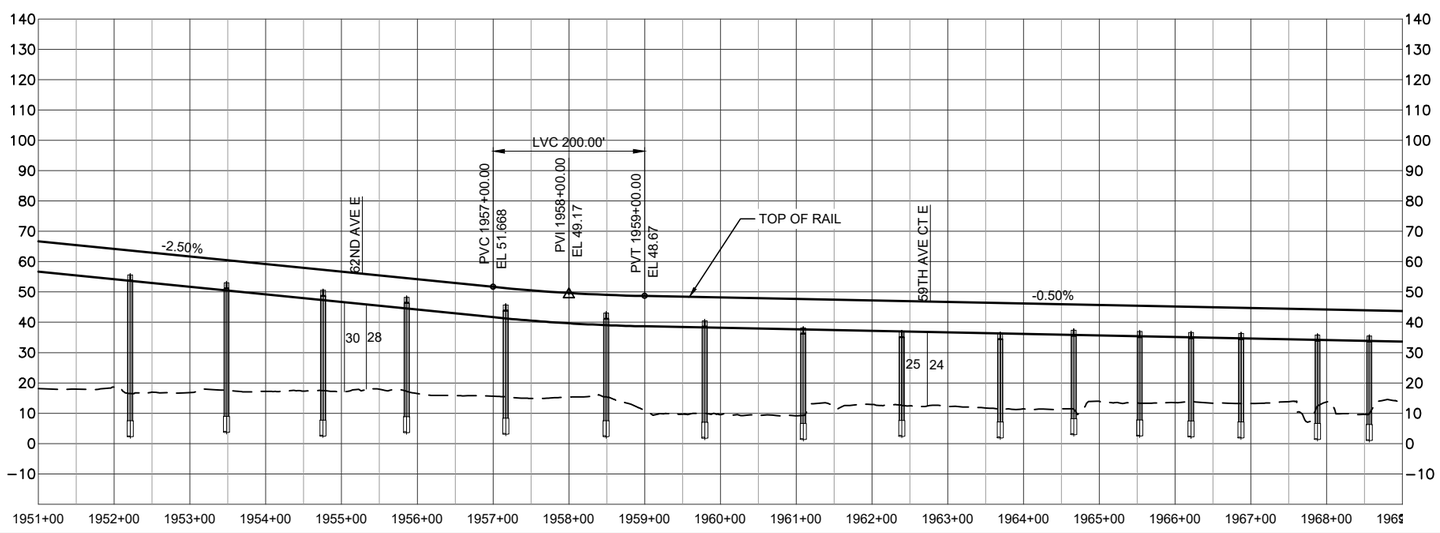

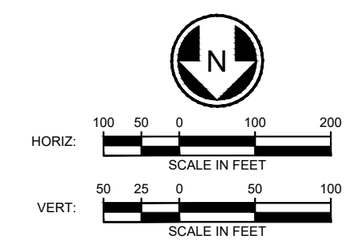

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ALL SFW TO FIFE ALTERNATIVES
TRACK PLAN AND PROFILE
STA 1951+00 TO STA 2000+00

A00-KAP13
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

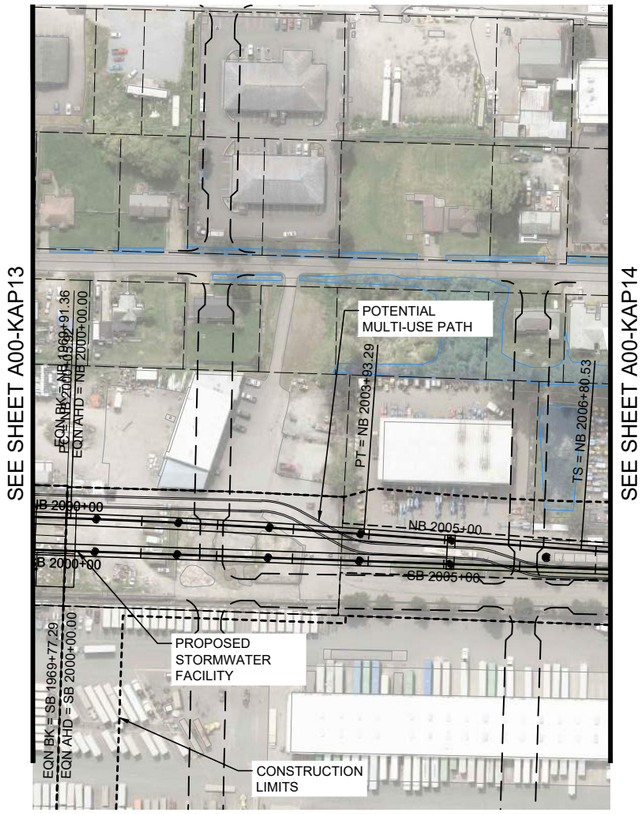

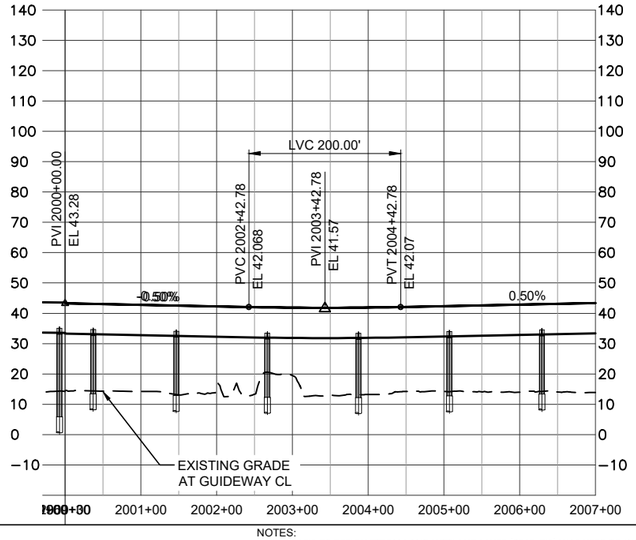

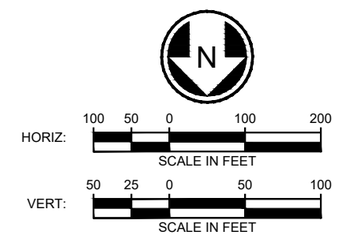

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- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT

HDR

FIFE PACIFIC HIGHWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2000+00 TO STA 2007+00

NOTES:

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

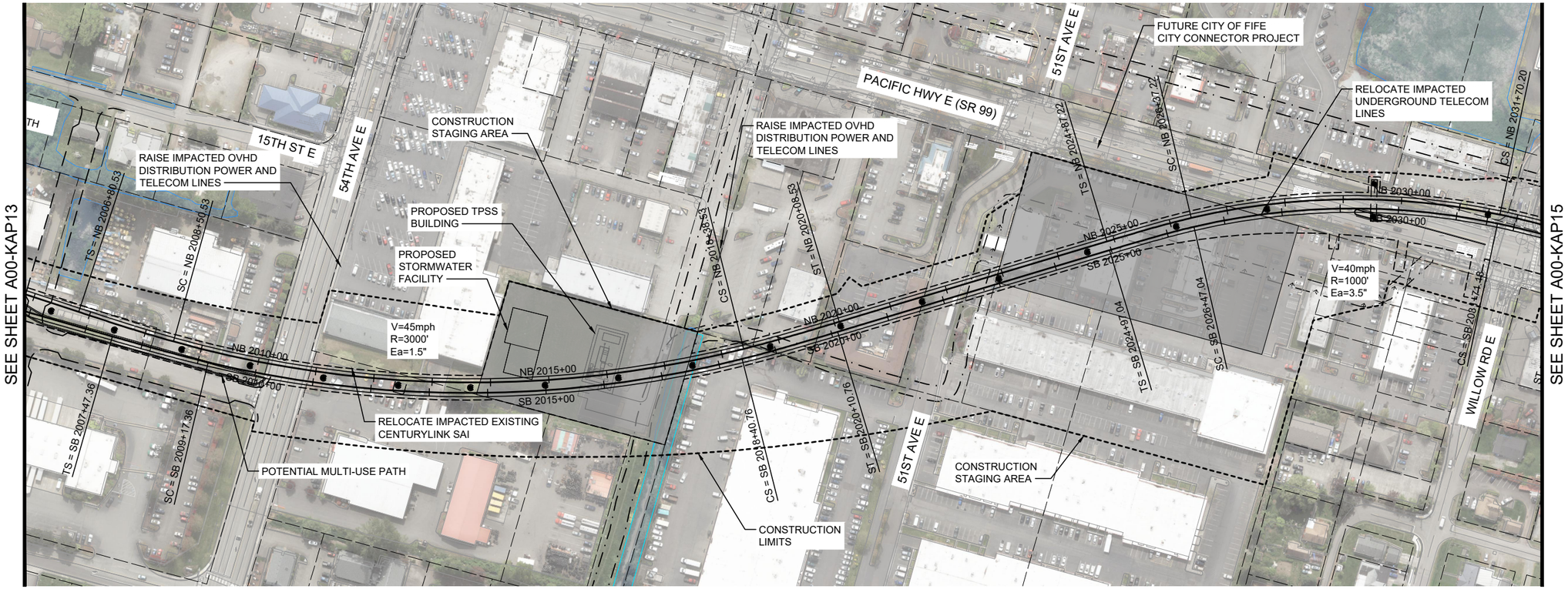

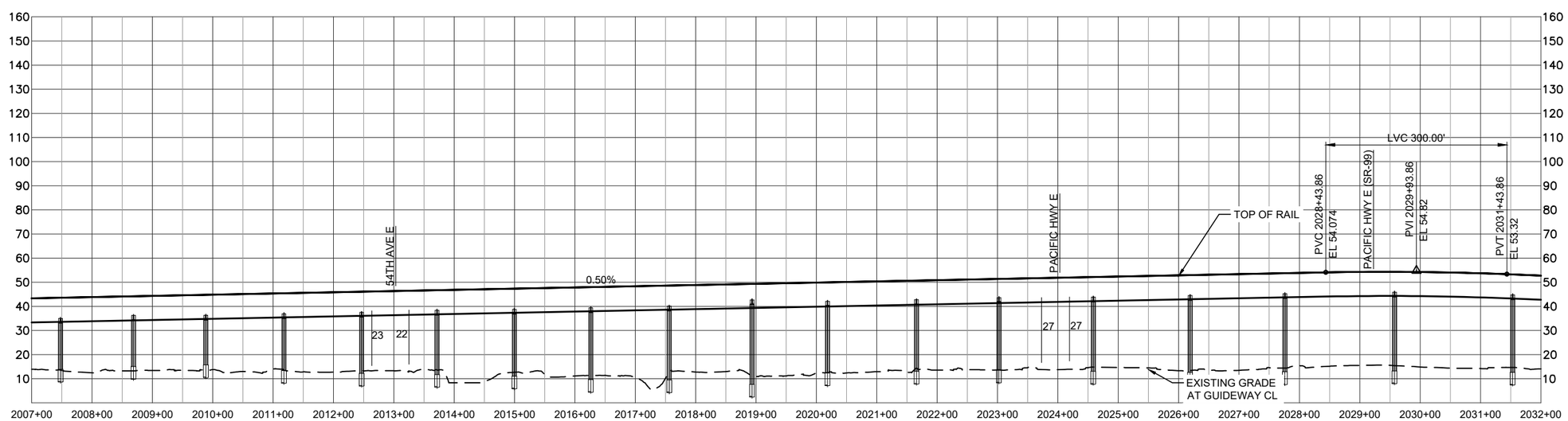

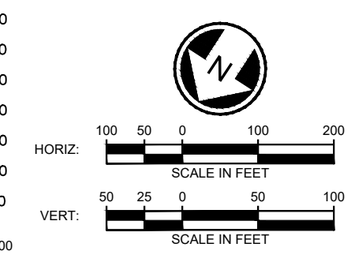

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SOUNDTRANSIT

HDR

FIFE PACIFIC HIGHWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2007+00 TO STA 2032+00

A00-KAP14
61

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

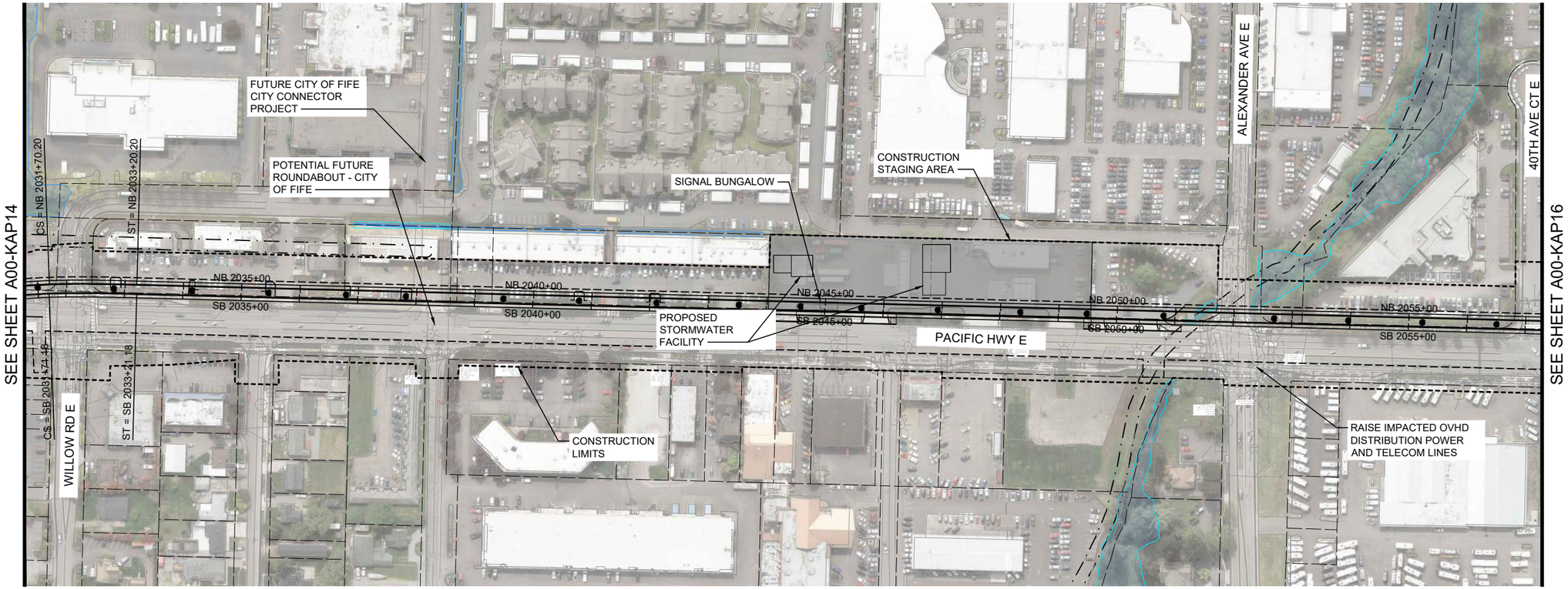

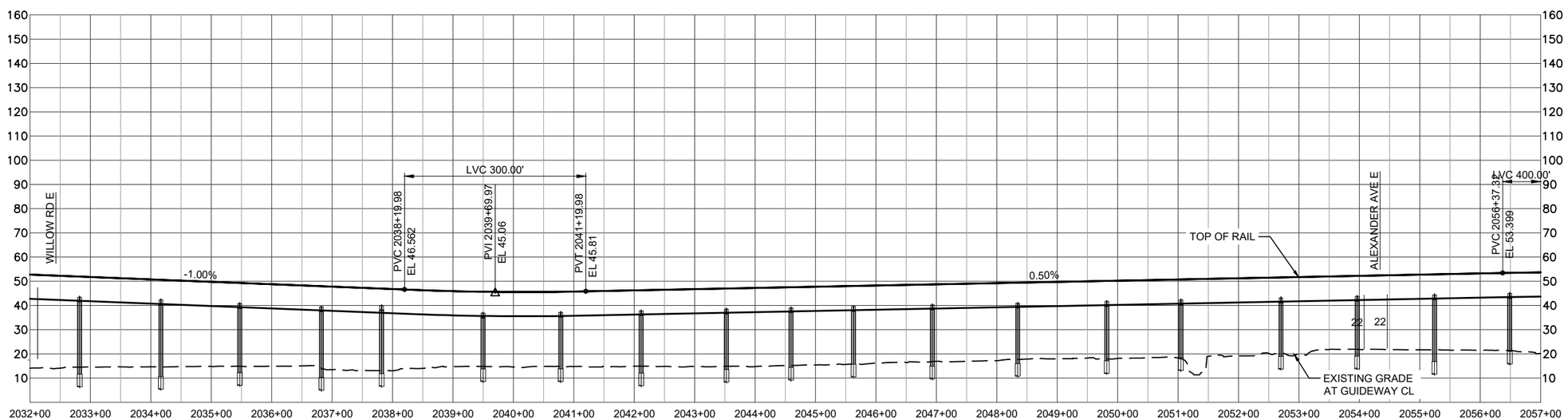

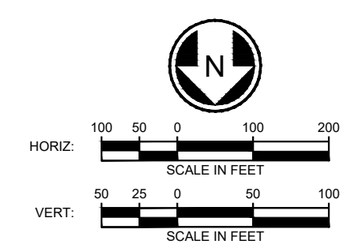

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FIFE PACIFIC HIGHWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2032+00 TO STA 2057+00

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

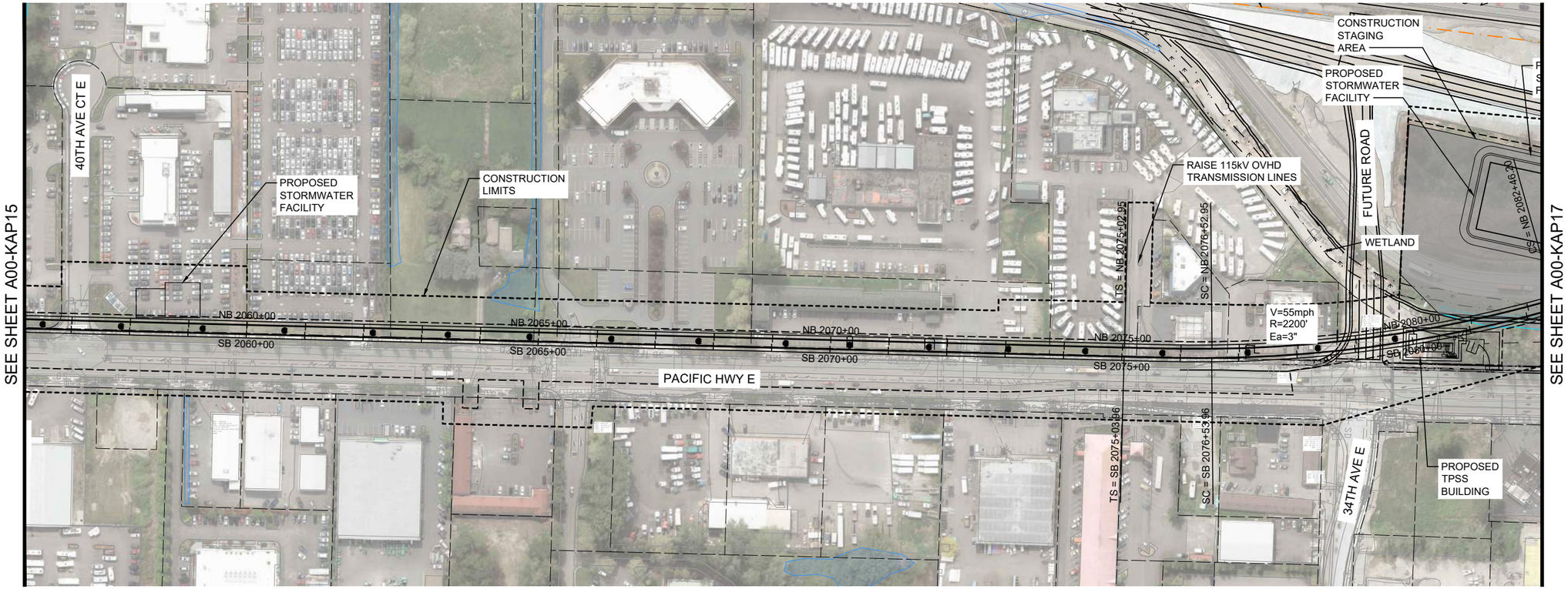

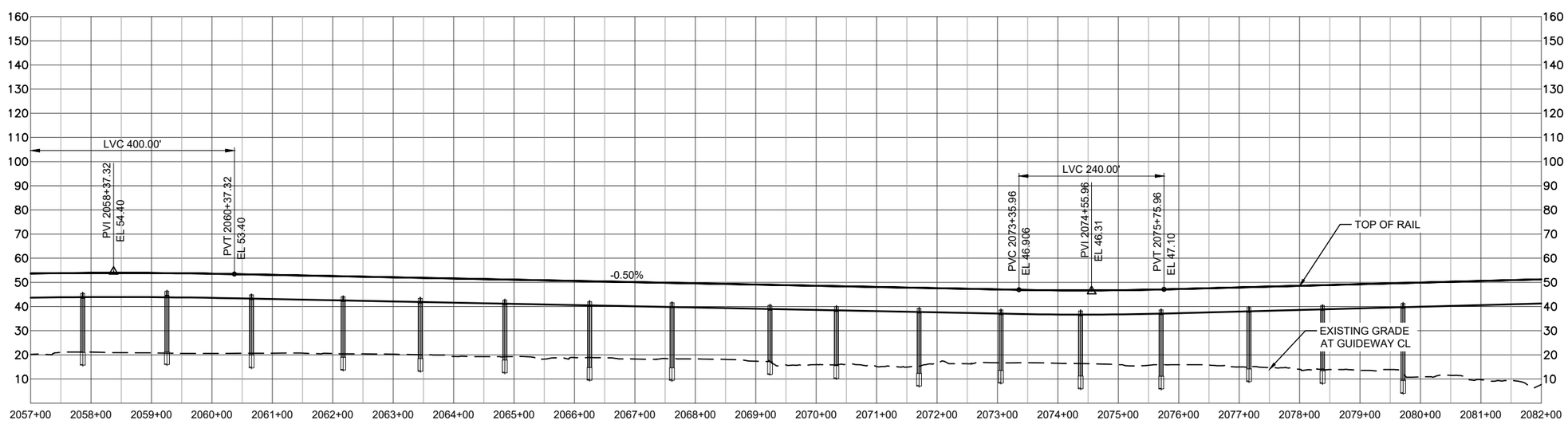

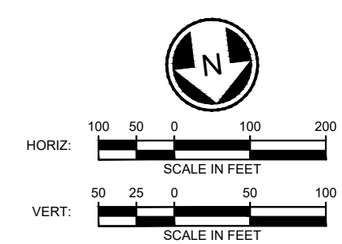

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FIFE PACIFIC HIGHWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2057+00 TO STA 2082+00

A00-KAP16
63

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

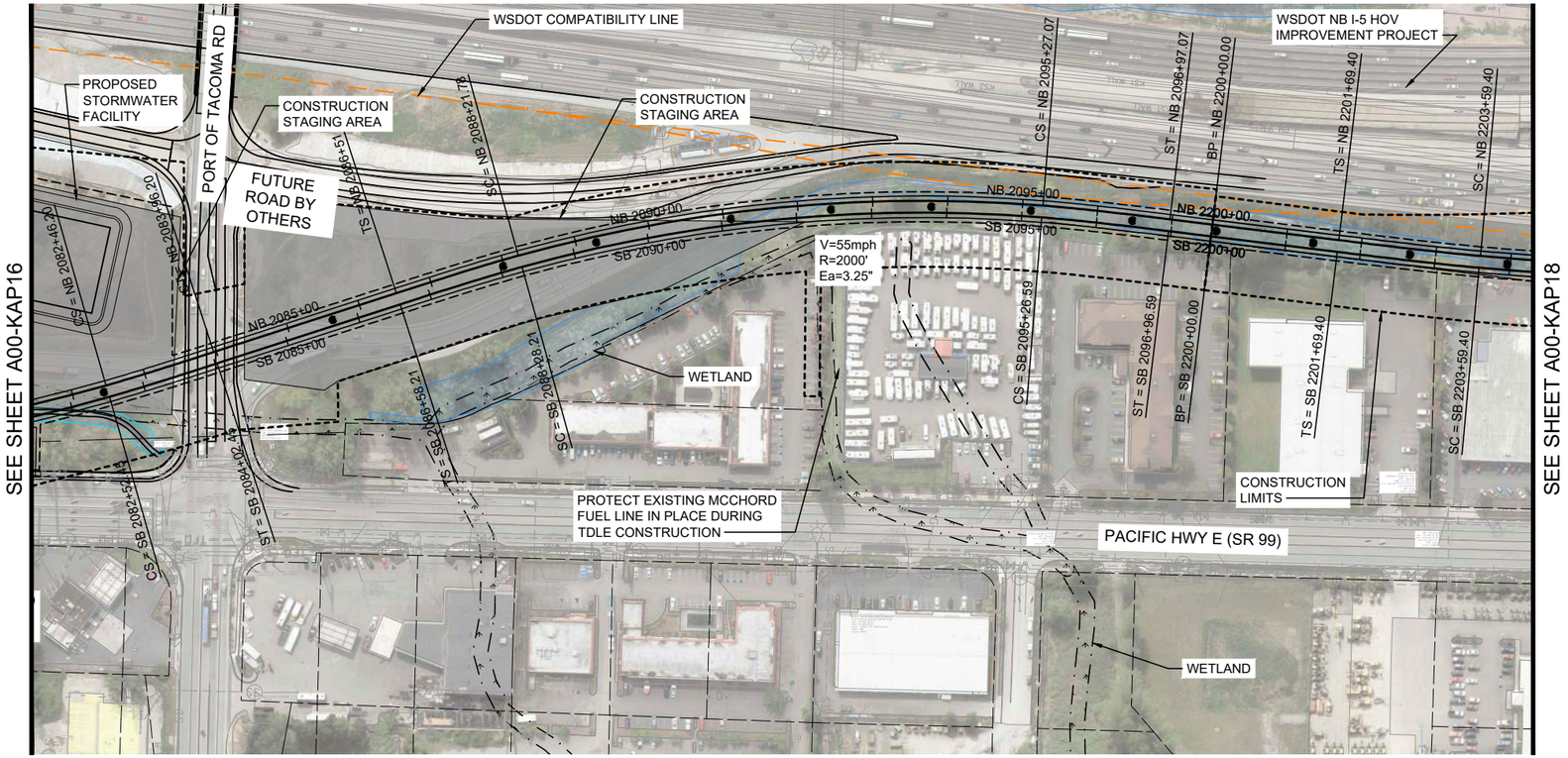

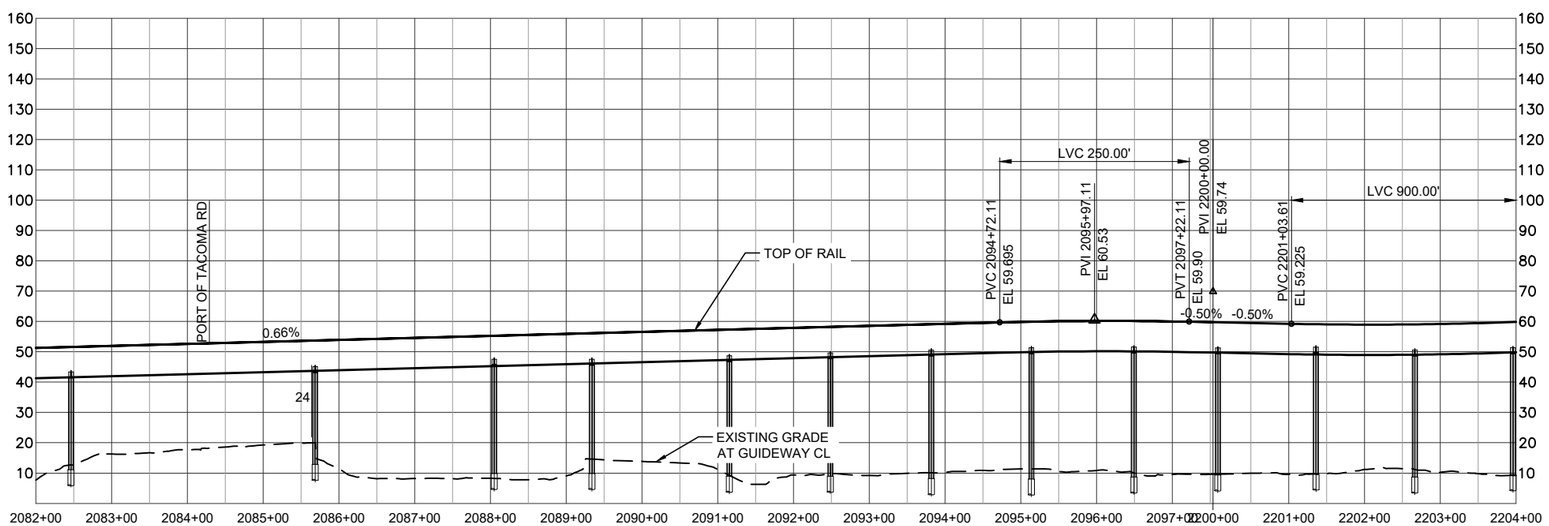

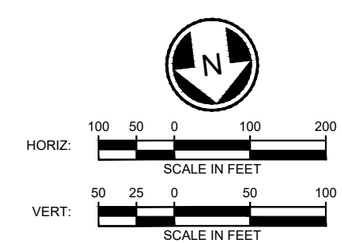

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT

HDR

FIFE PACIFIC HIGHWAY ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2082+00 TO STA 2204+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

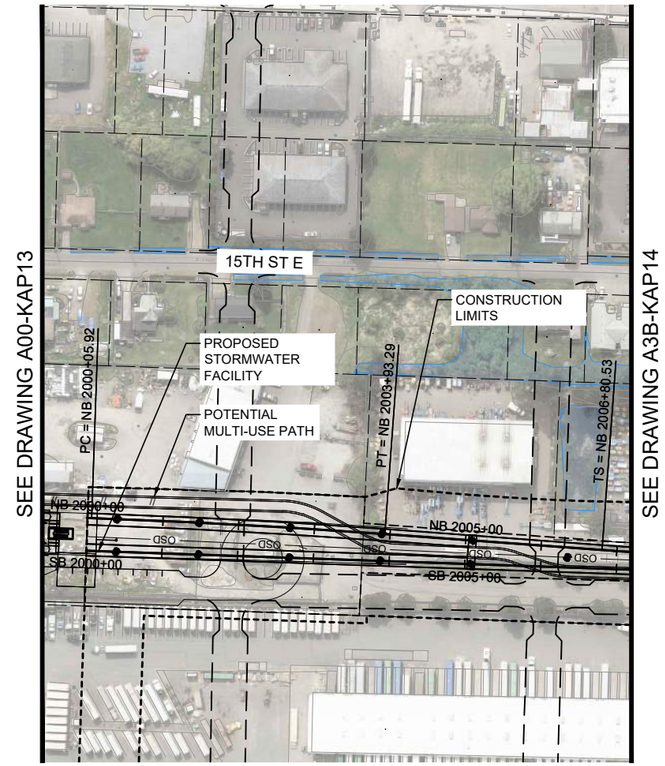

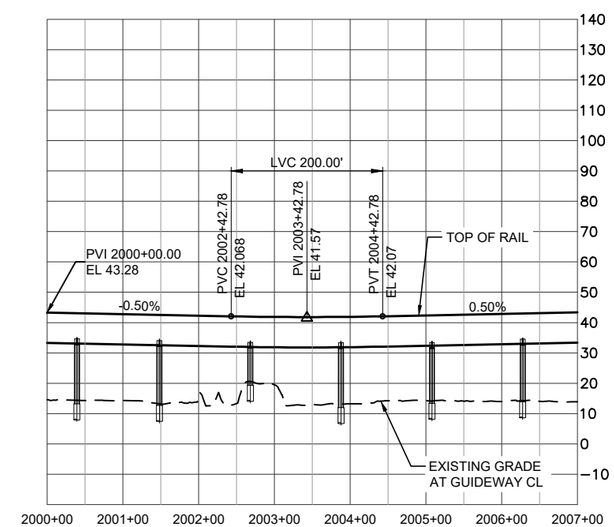

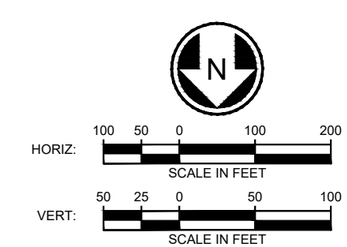

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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FIFE MEDIAN ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2000+00 TO STA 2007+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

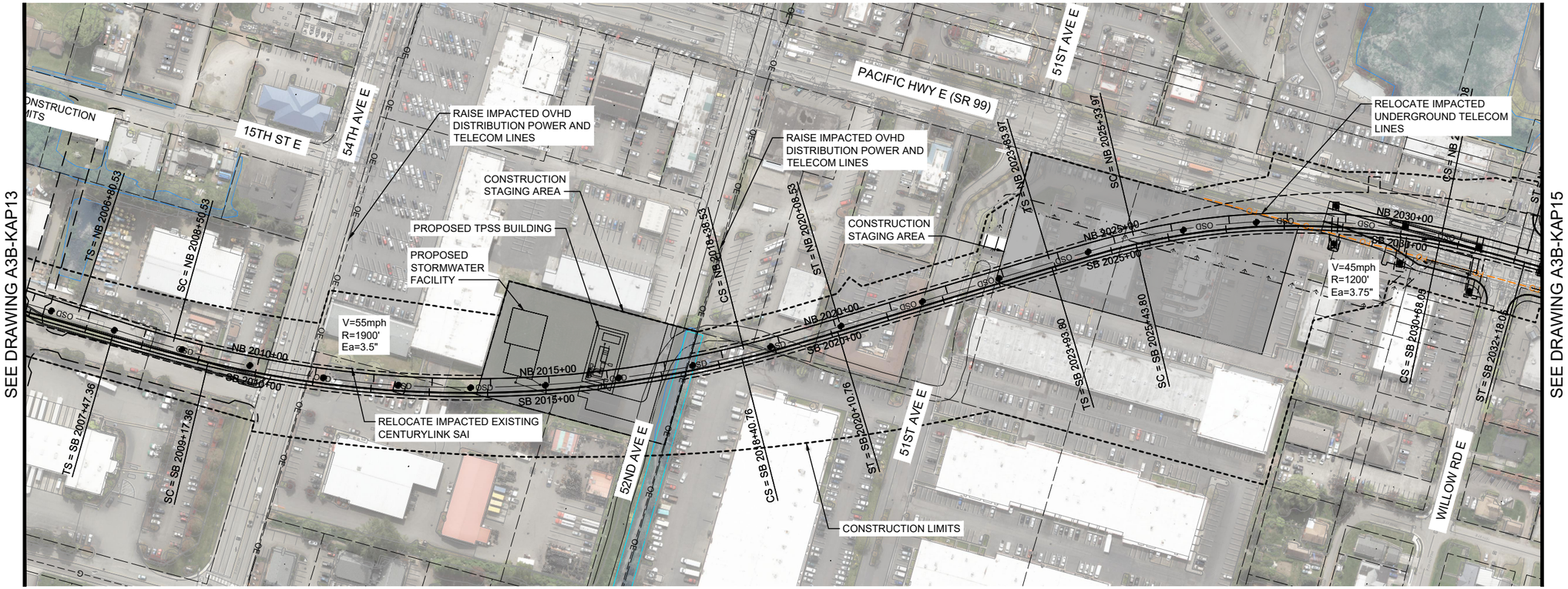

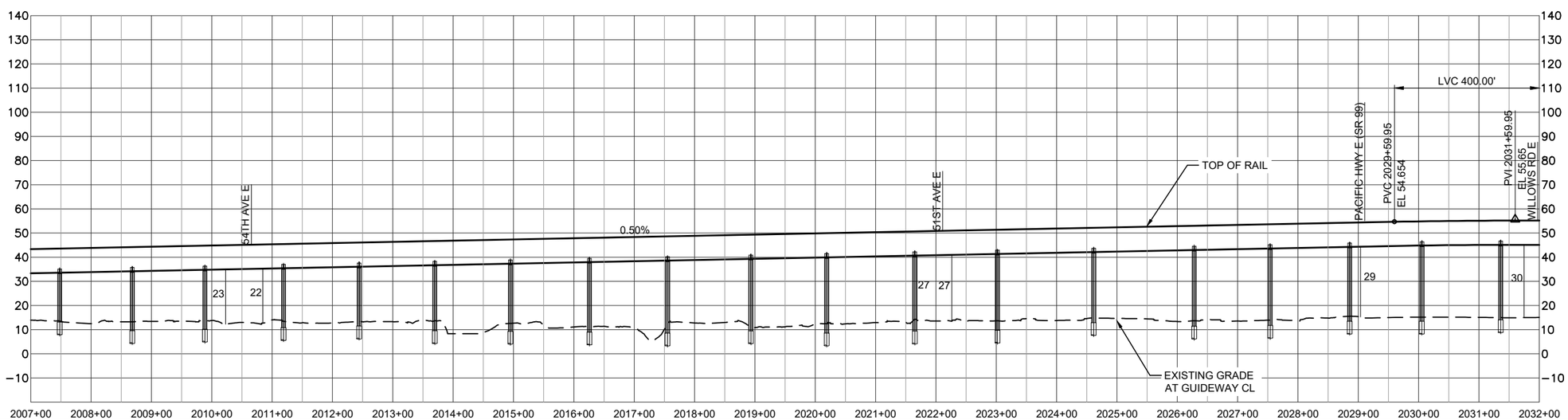

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
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- SURVEYED WETLAND (SEE NOTE 2)

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SOUNDTRANSIT HDR

FIFE MEDIAN ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2007+00 TO STA 2032+00

A3B-KAP14
66

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

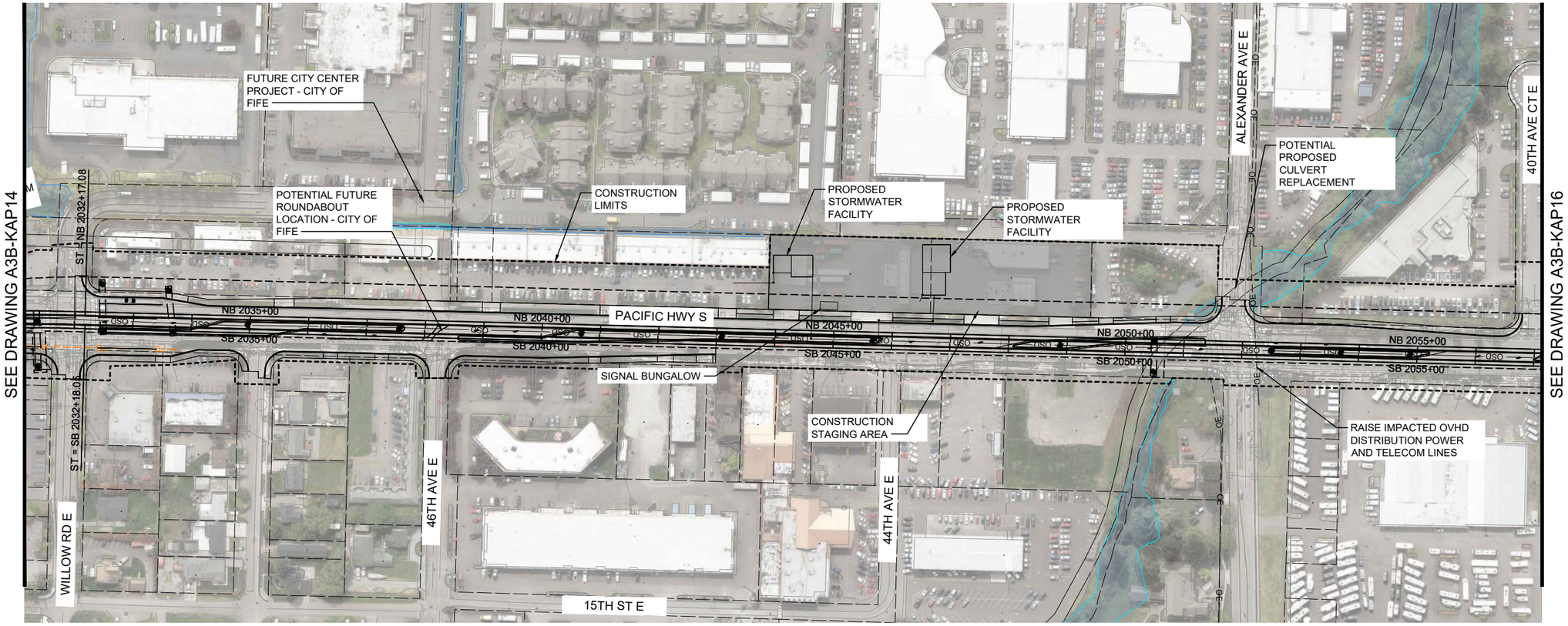

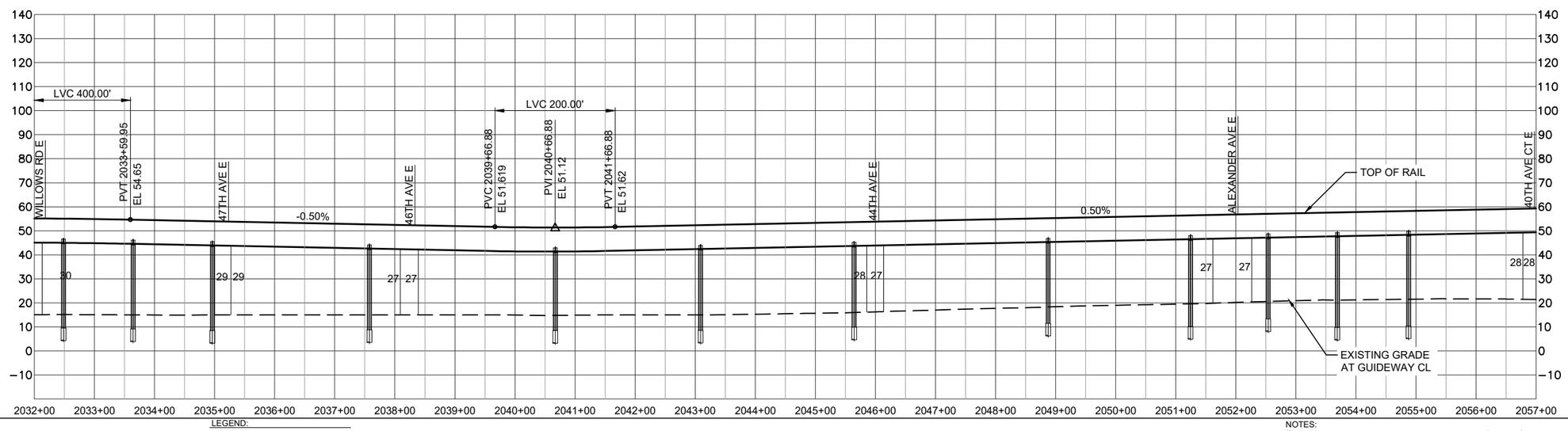

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HORIZ: 100 50 0 100 200
SCALE IN FEET

VERT: 50 25 0 50 100
SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

FIFE MEDIAN ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2032+00 TO STA 2057+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

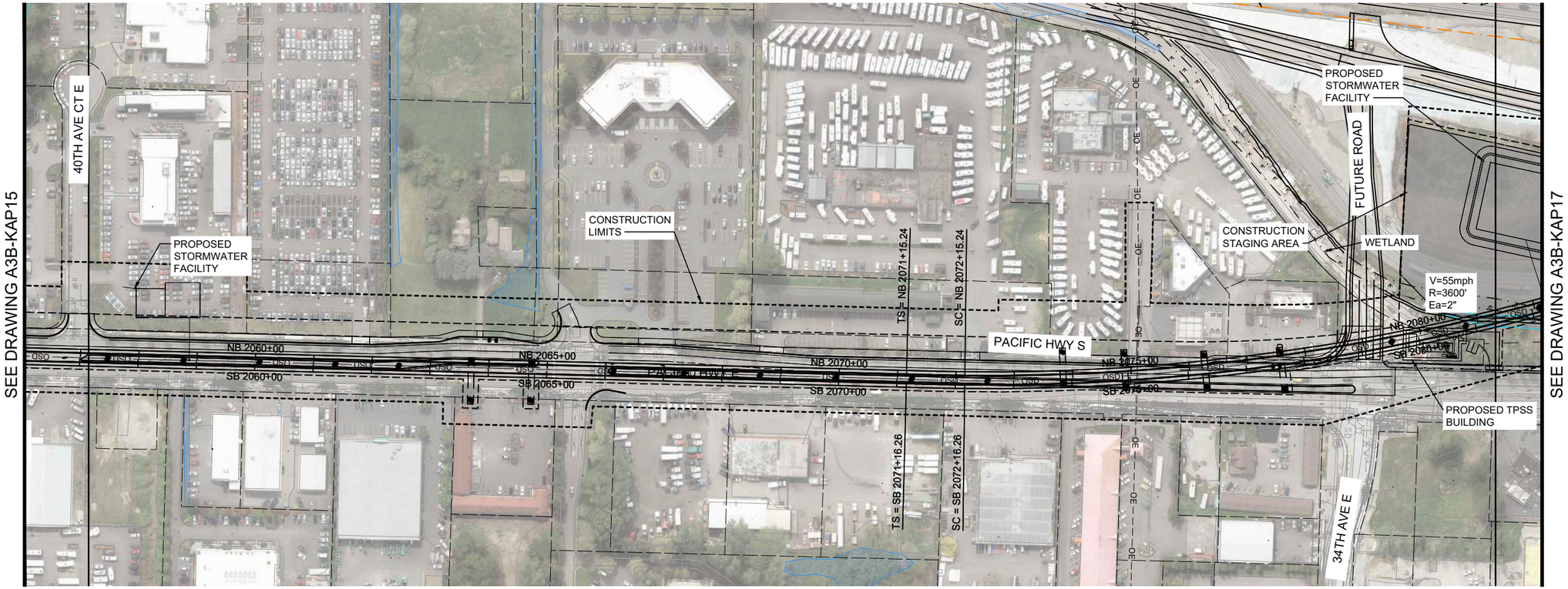

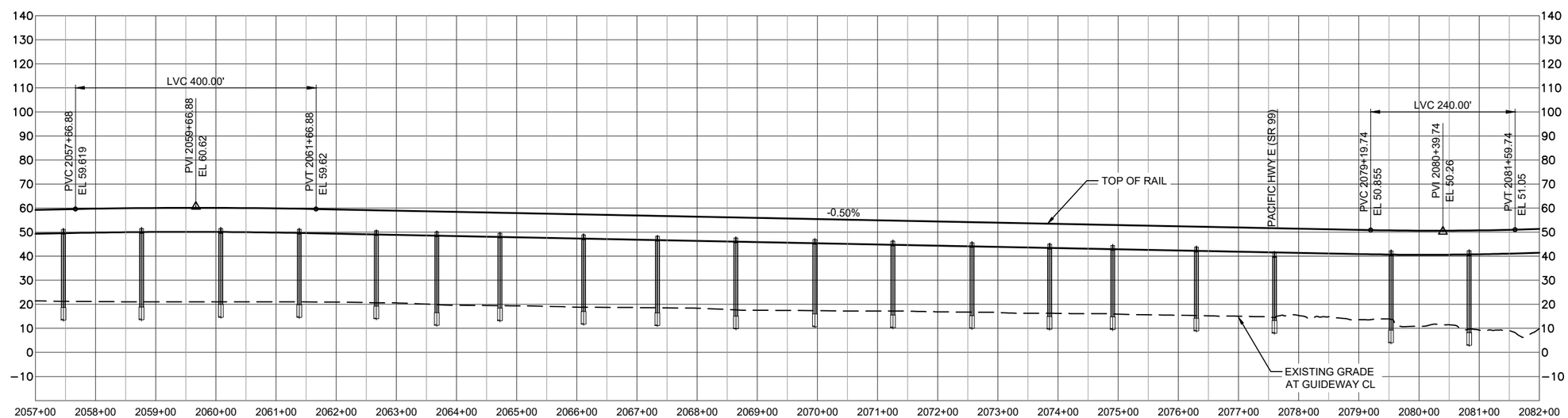

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VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
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- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

FIFE MEDIAN ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2057+00 TO STA 2082+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

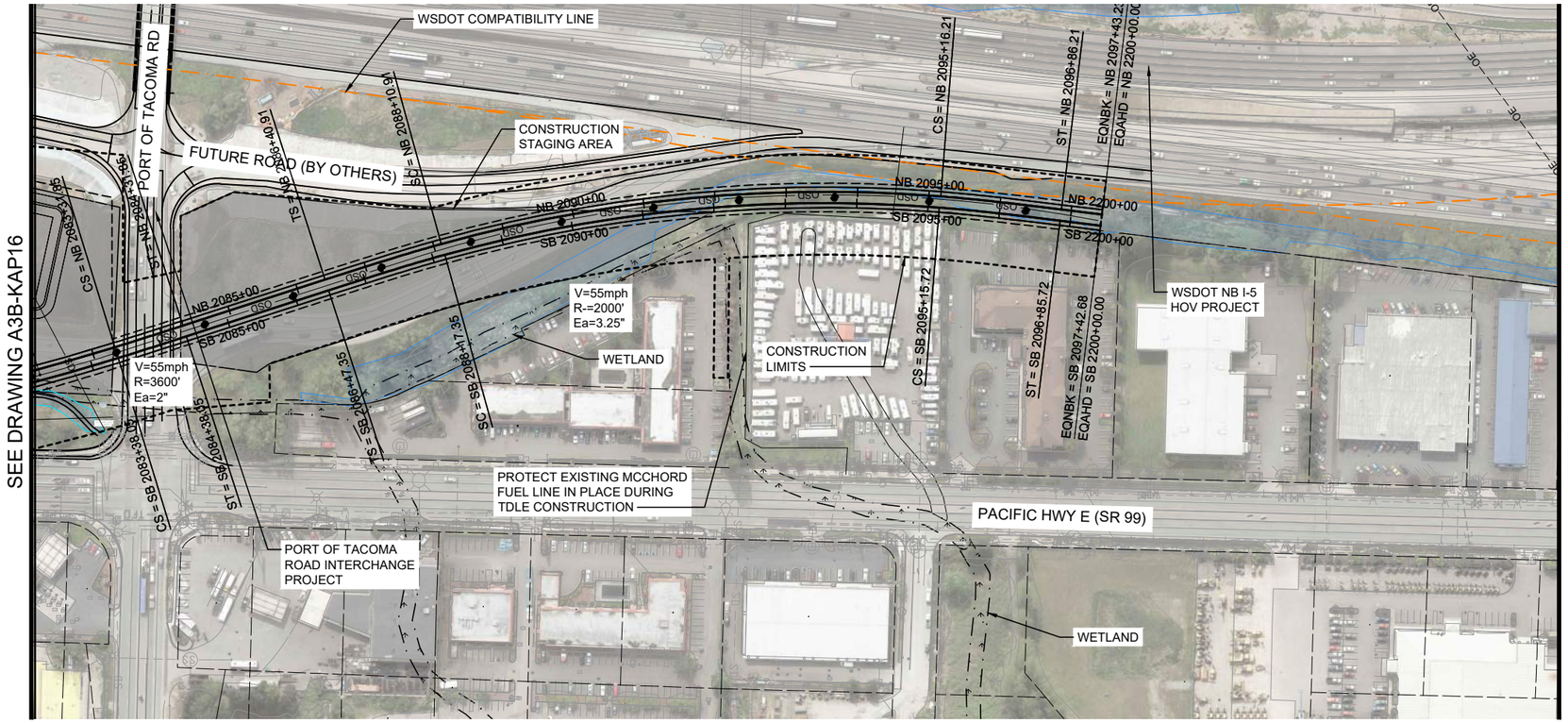

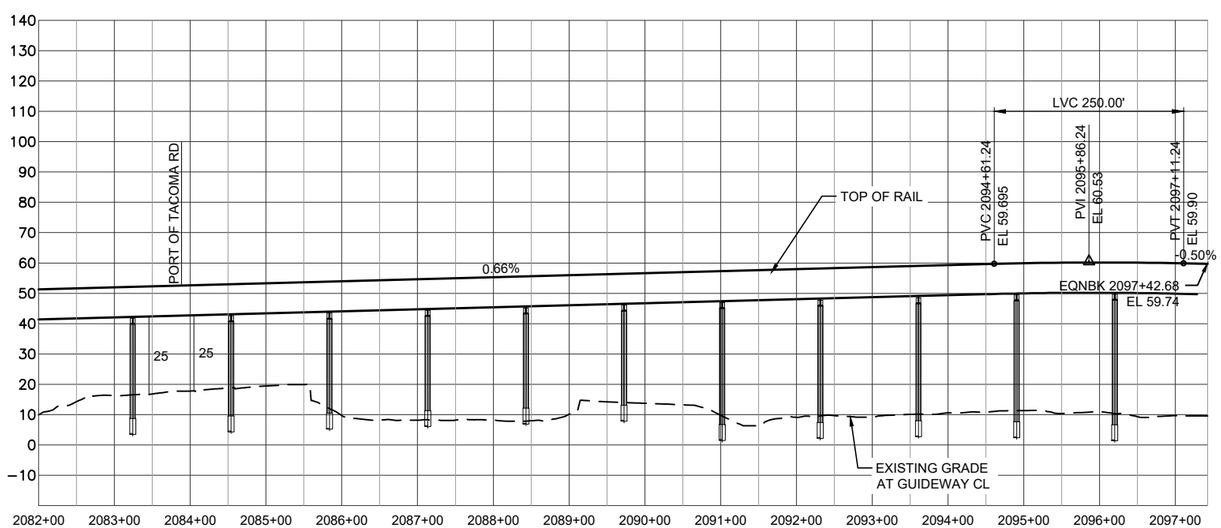

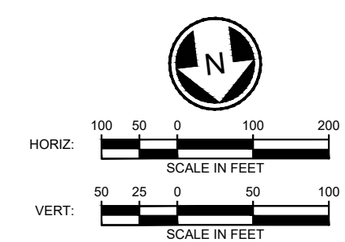

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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FIFE MEDIAN ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2082+00 TO STA 2097+42.68

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

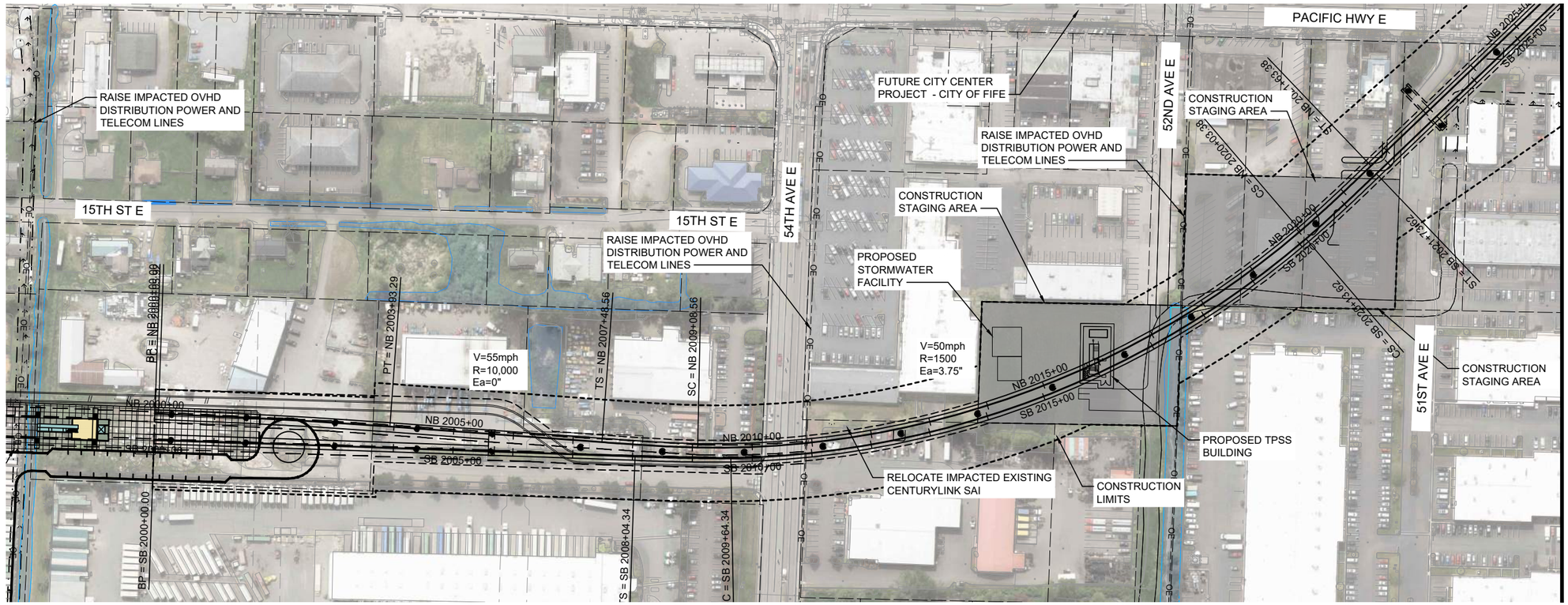

SEE SHEET D00-KAP06

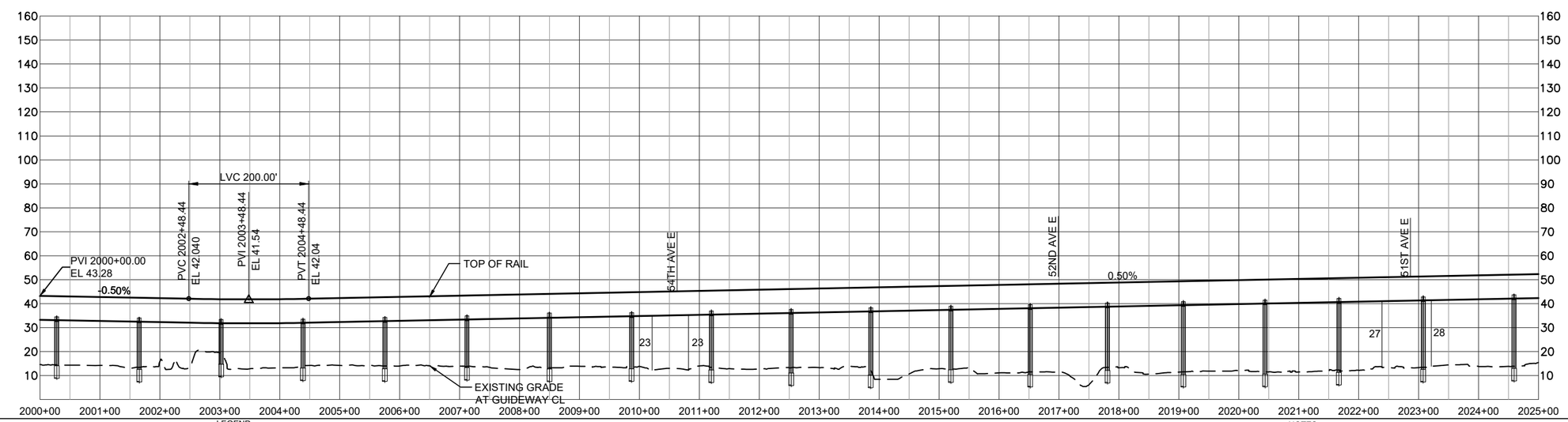

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
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- BASIS OF DESIGN STREAM (SEE NOTE 1)
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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

FIFE I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2000+00 TO STA 2025+00

D00-KAP05
70

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SEE SHEET D00-KAP05

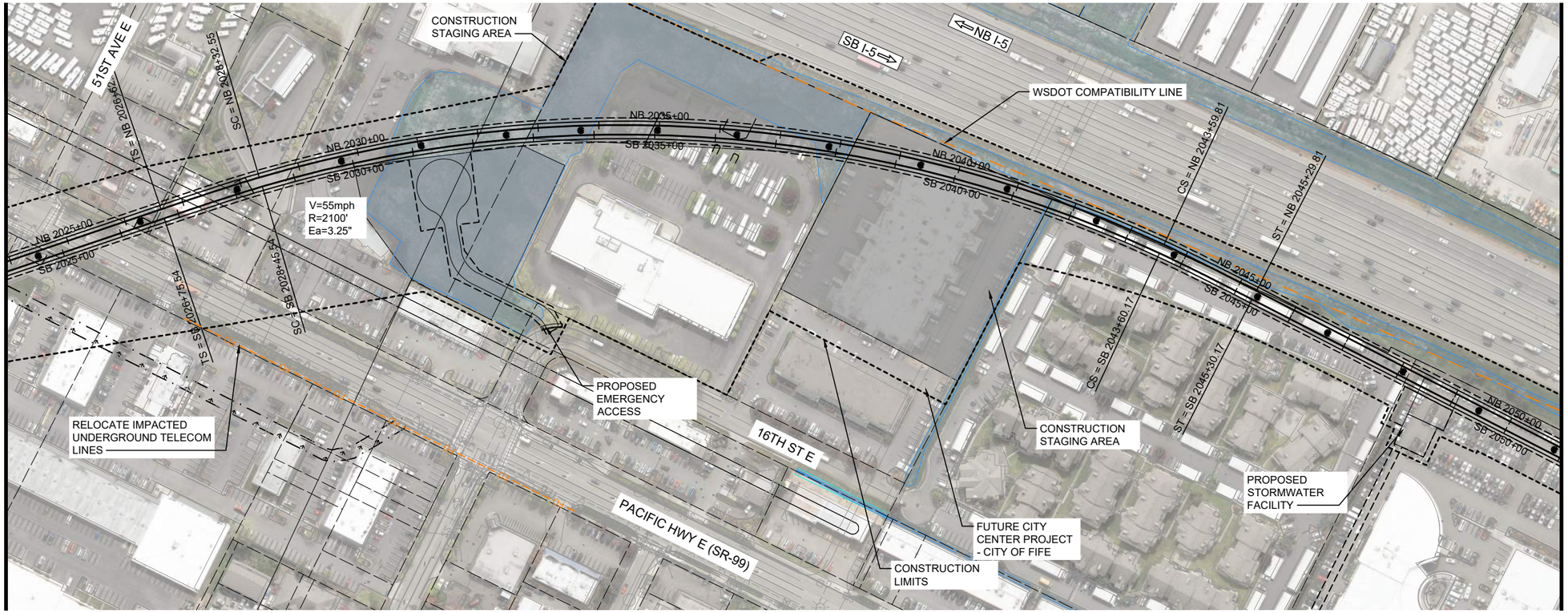

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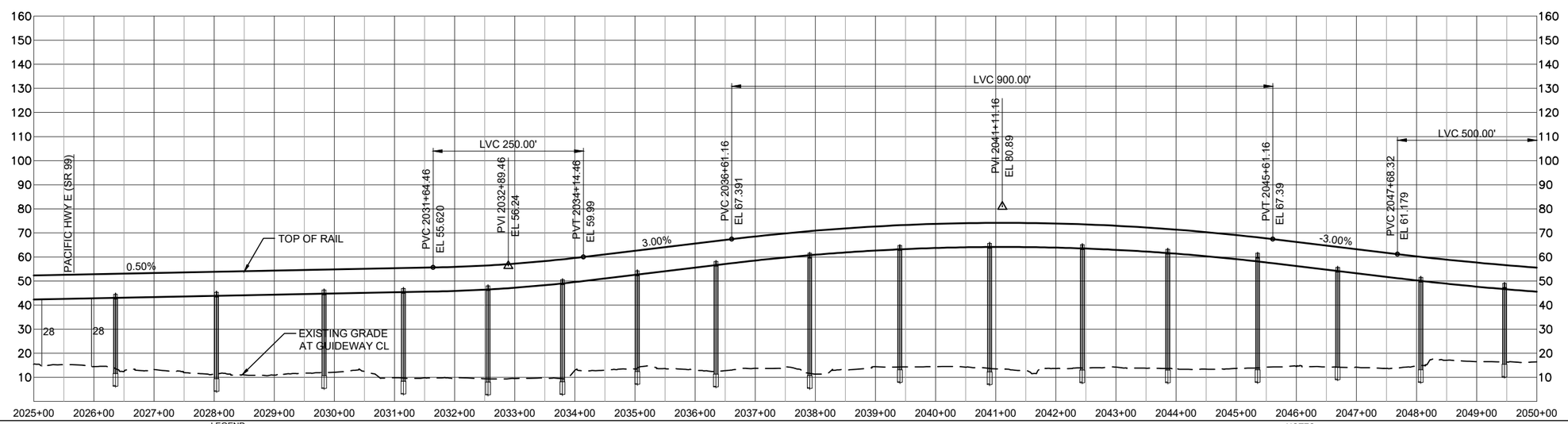

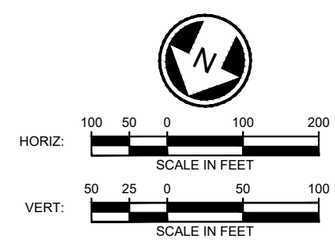

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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SOUNDTRANSIT

HDR

FIFE I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2025+00 TO STA 2050+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SEE SHEET D00-KAP06

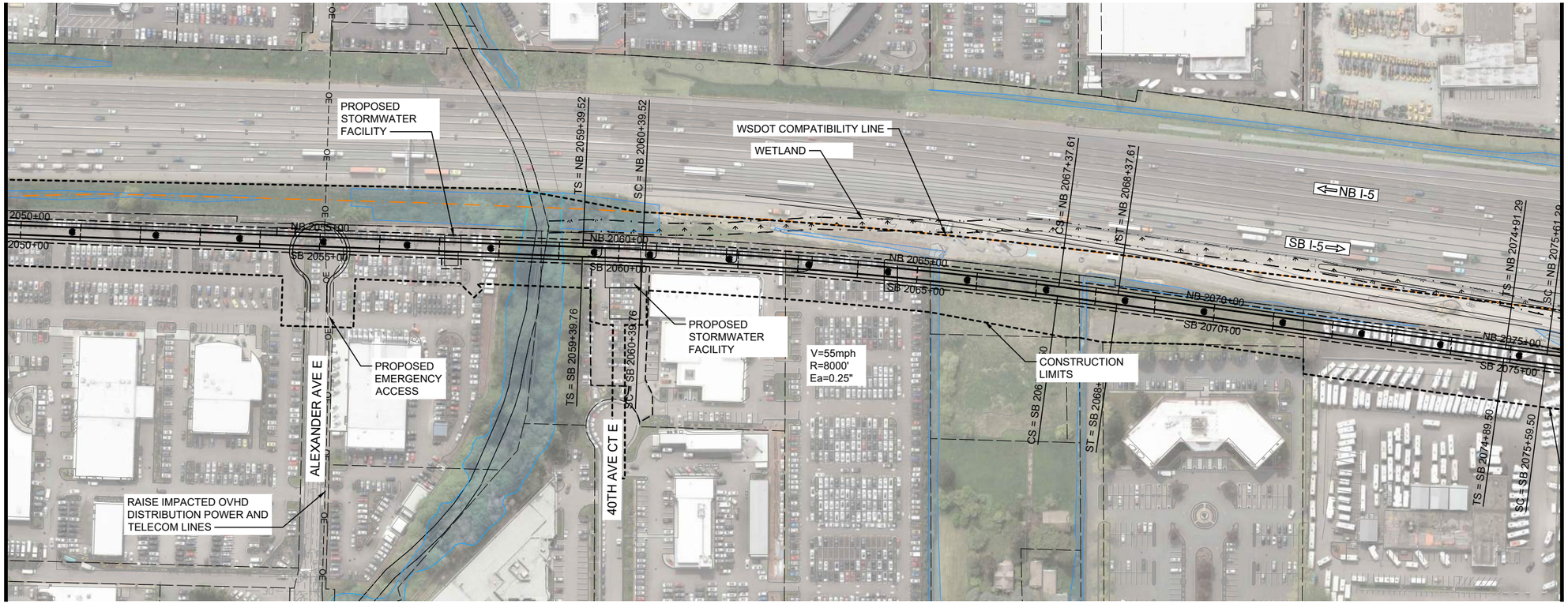

SEE SHEET D00-KAP08

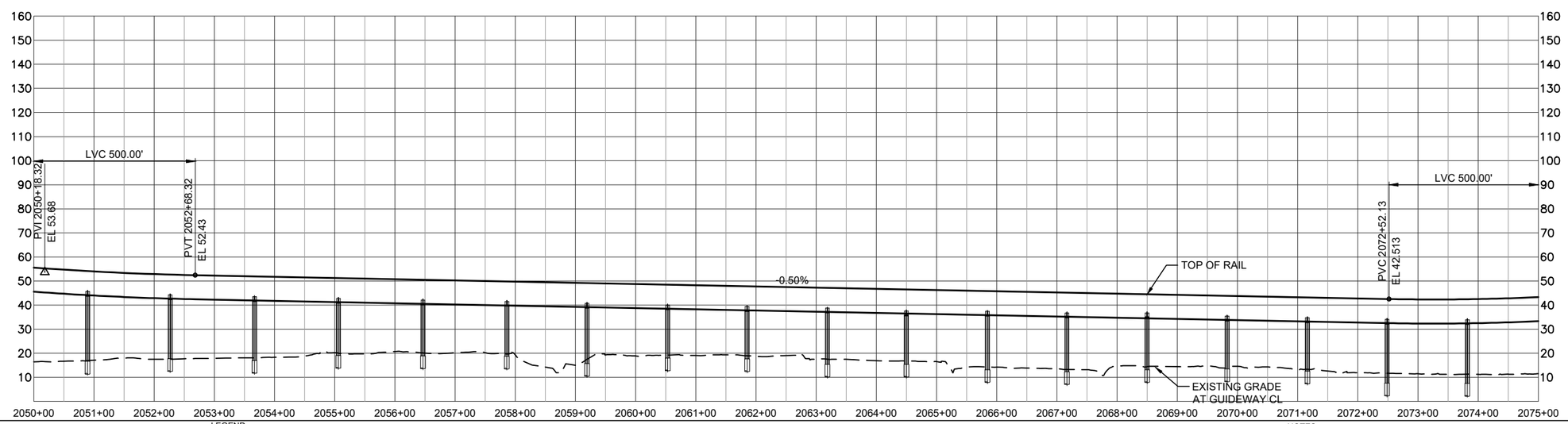

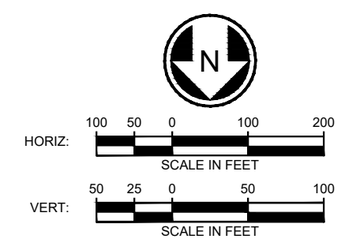

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
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SOUNDTRANSIT

HDR

FIFE I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2050+00 TO STA 2075+00

D00-KAP07

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SEE SHEET D00-KAP07

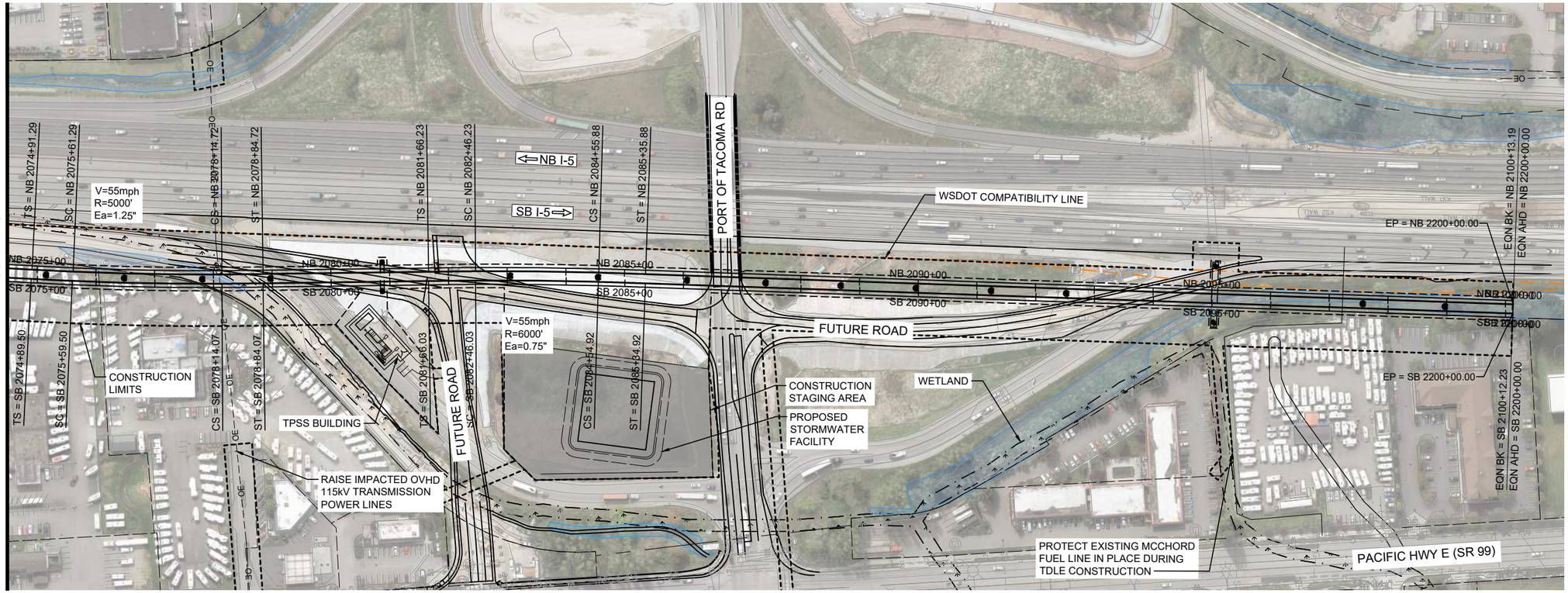

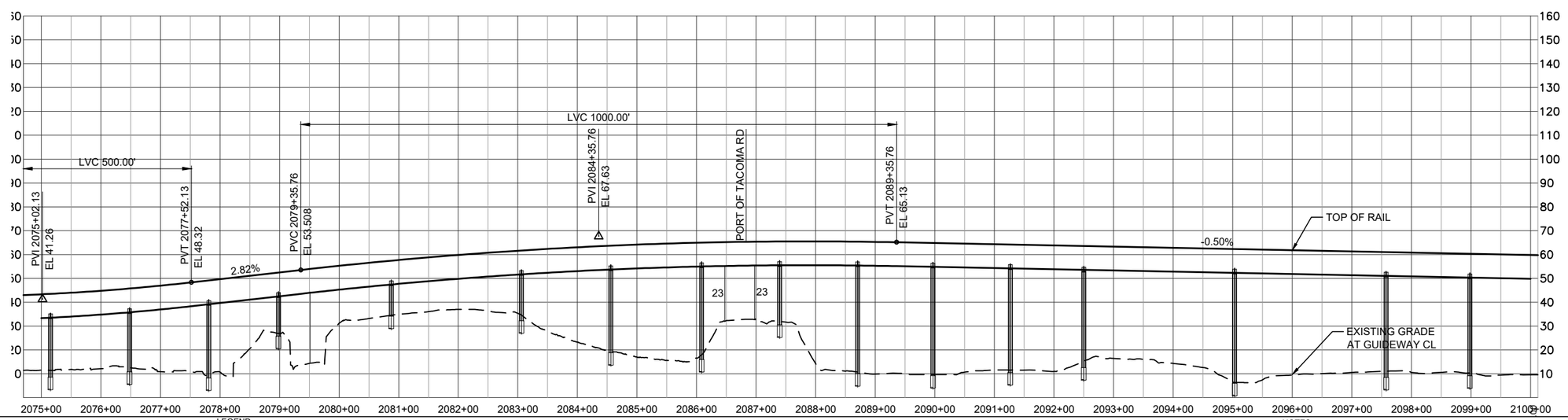

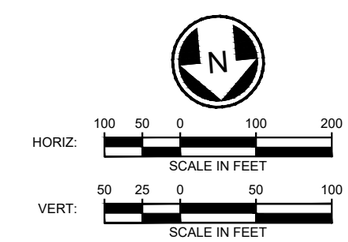

LEGEND:

- COLUMNS / STRADDLE BENTS
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SOUNDTRANSIT

HDR

FIFE I-5 ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2075+00 TO STA 2100+12.23

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

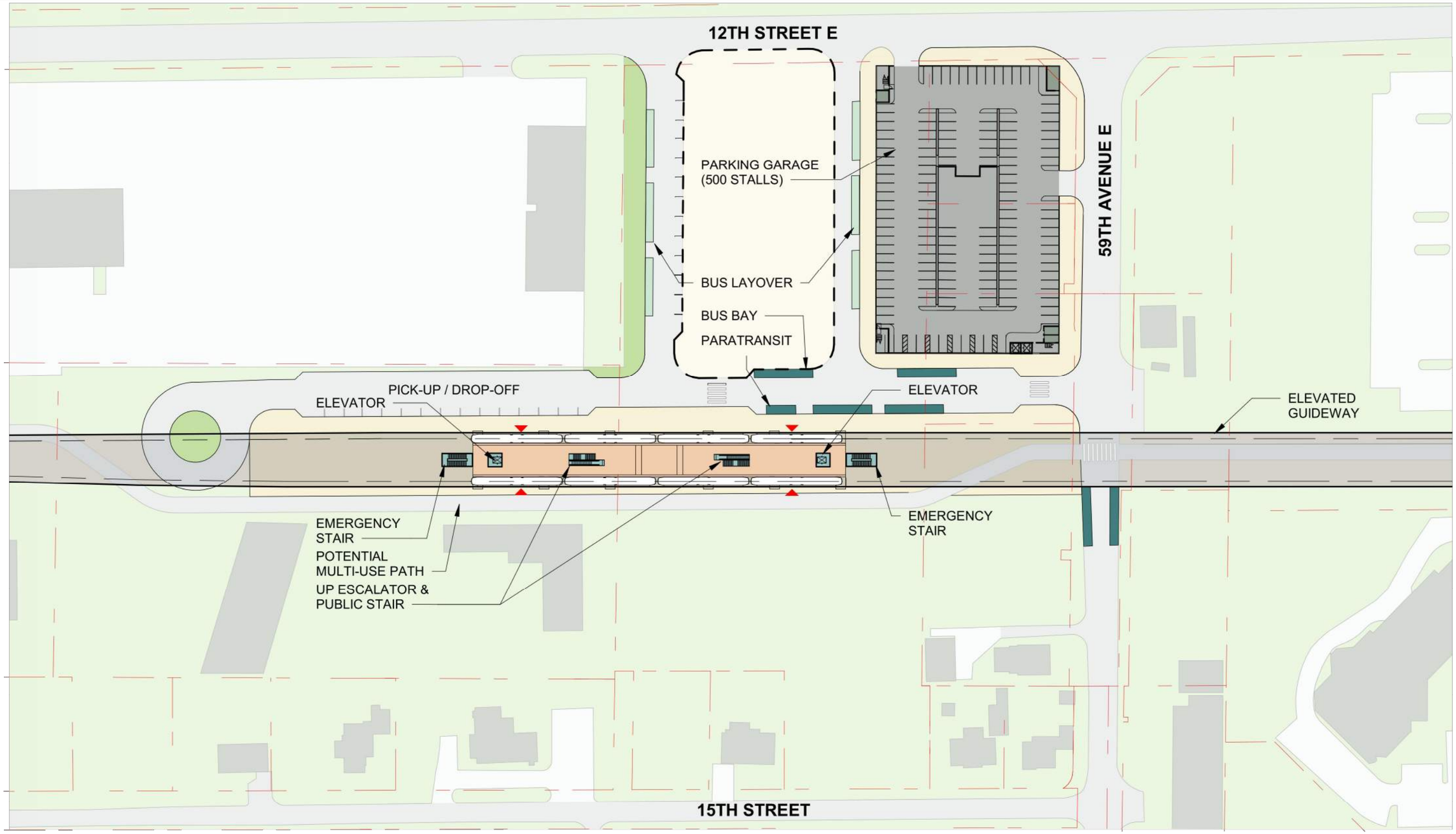

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 50' 100'

N

SOUNDTRANSIT HDR

PREFERRED FIFE STATION
SITE PLAN

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74

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

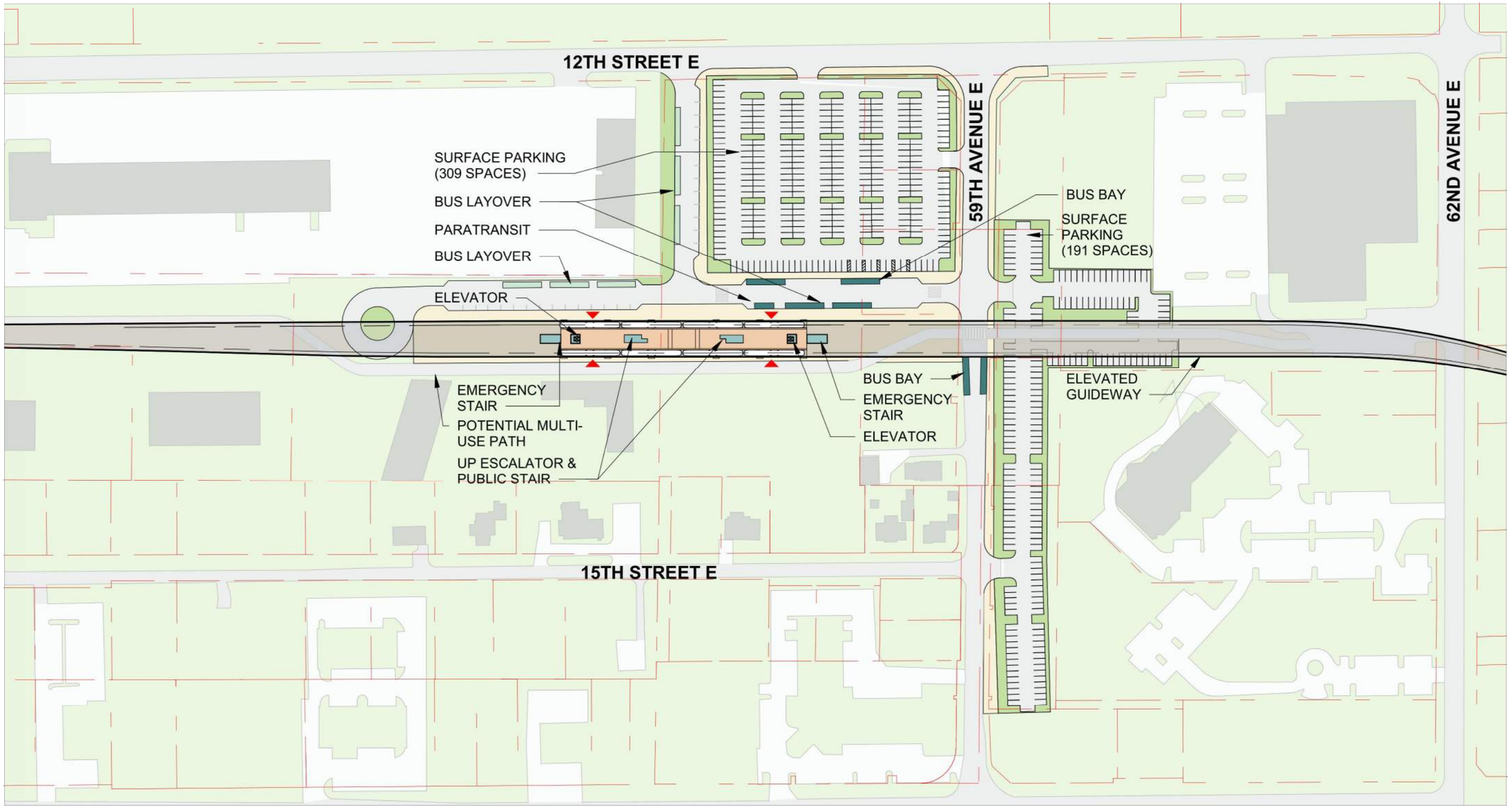

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 80' 160'

N

SOUNDTRANSIT HDR

PREFERRED FIFE STATION
SITE PLAN - SURFACE PARKING OPTION

A02-ASP102
75

12/18/2020 5:40:32 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

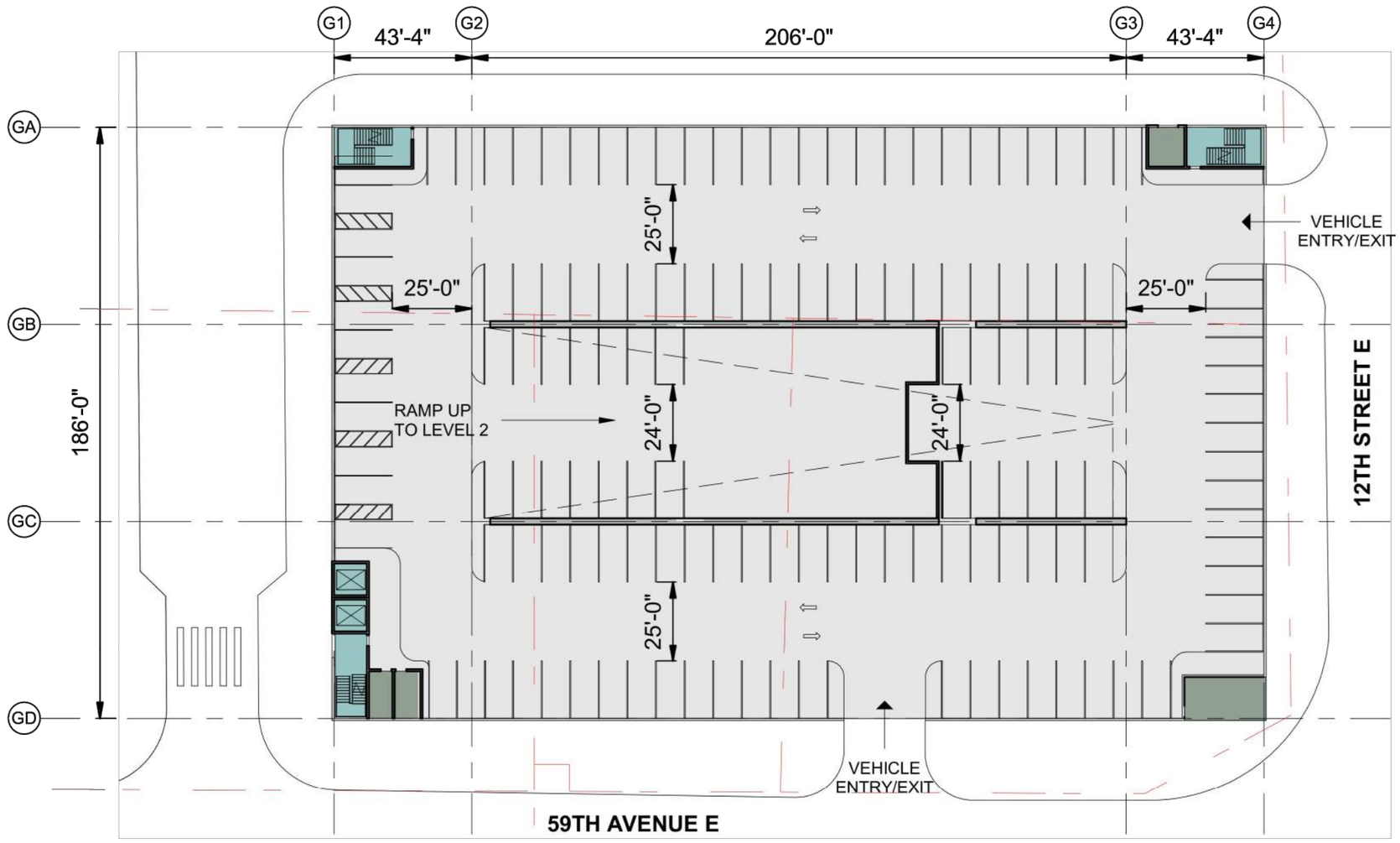

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

CFOX
12/18/2020 5:40:33 AM
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SOUNDTRANSIT HDR

PREFERRED FIFE STATION
TYPICAL GARAGE PLAN

A02-APP101

SOUND TRANSIT TACOMA DOME LINK EXTENSION

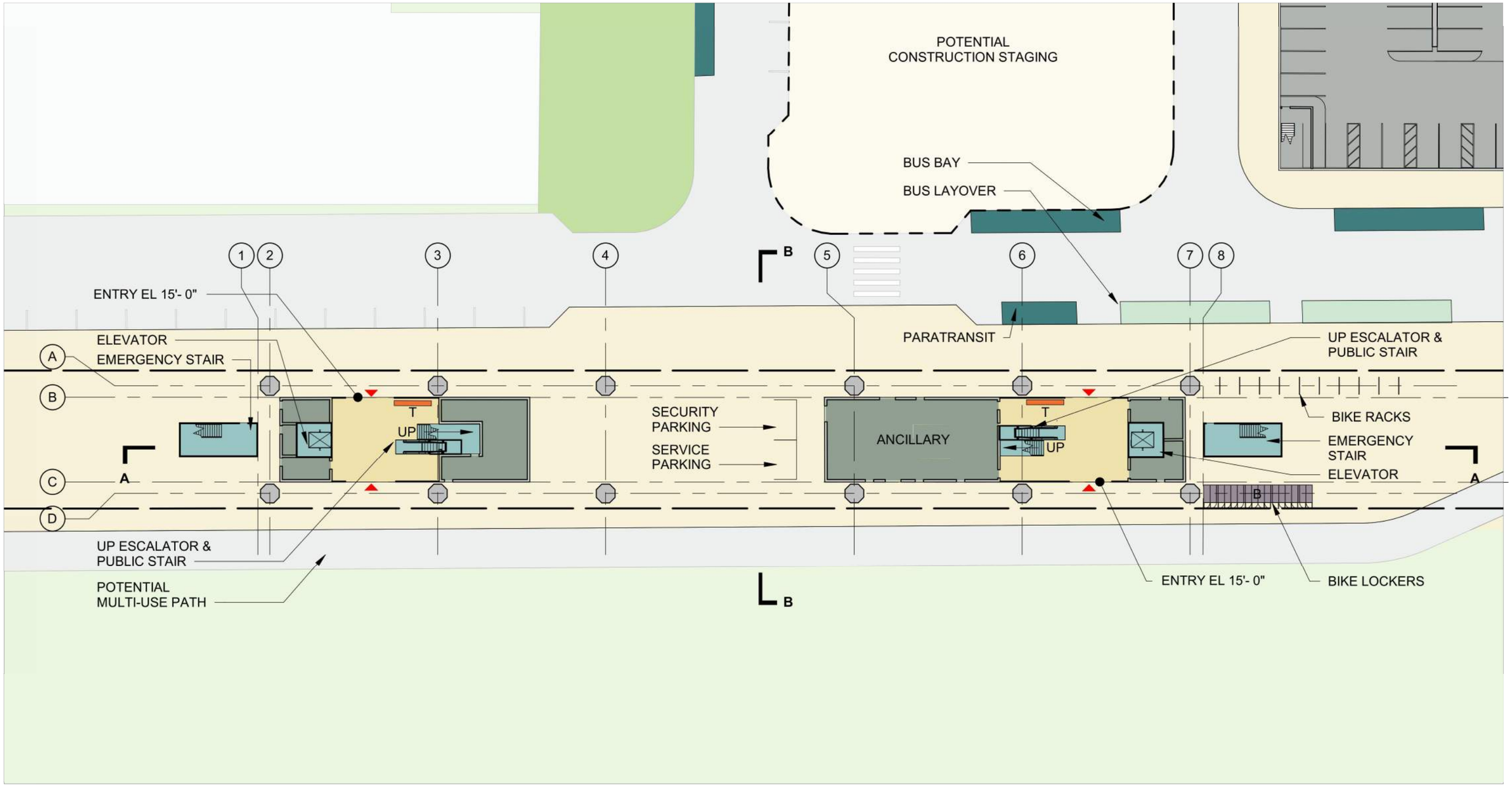

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

PREFERRED FIFE STATION
PLAZA LEVEL PLAN

A02-APP102
77

12/18/2020 5:40:35 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

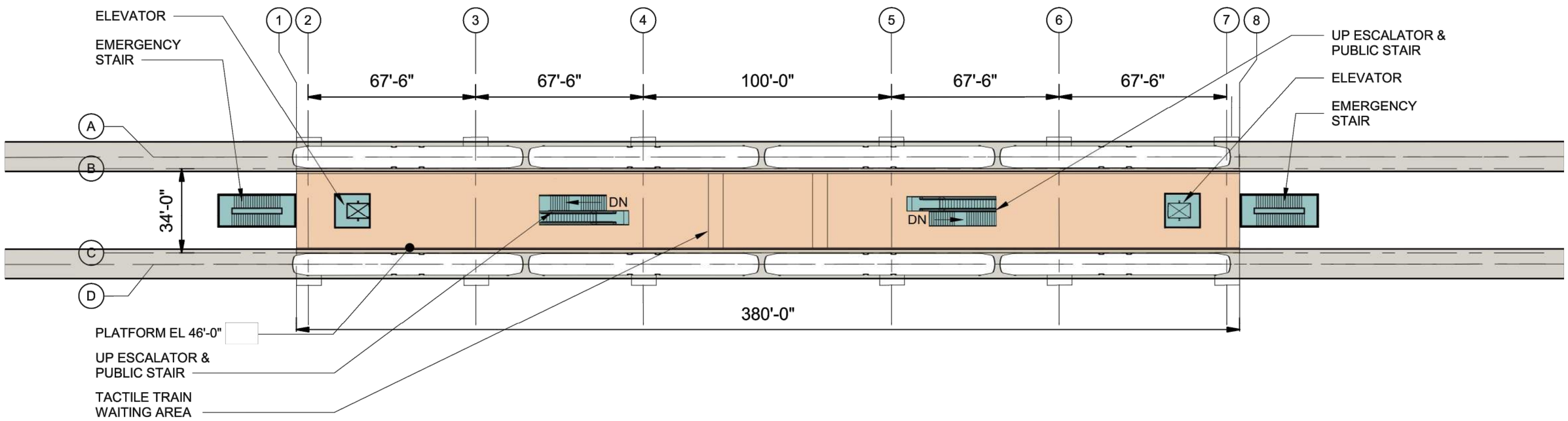

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

PREFERRED FIFE STATION
PLATFORM LEVEL PLAN

A02-APP103
78

12/18/2020 5:40:37 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

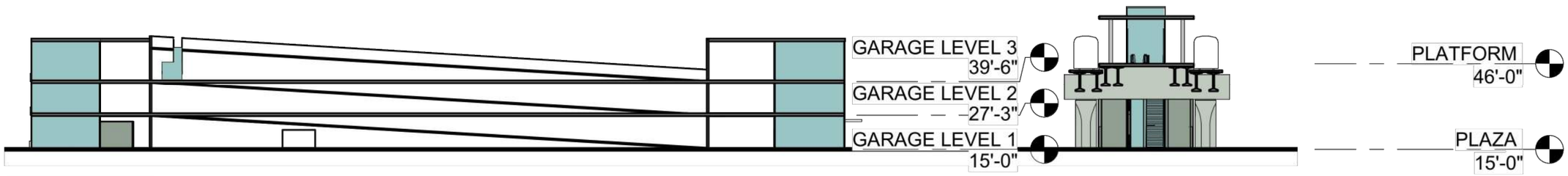

SECTION B

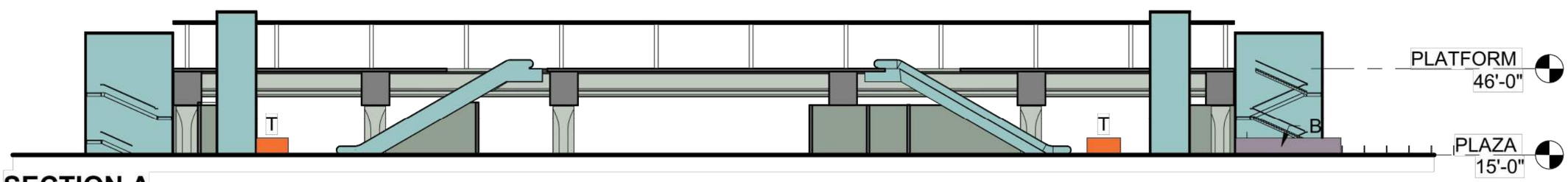

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT HDR

PREFERRED FIFE STATION
SECTIONS

A02-ASX101
79

12/18/2020 5:40:38 AM
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

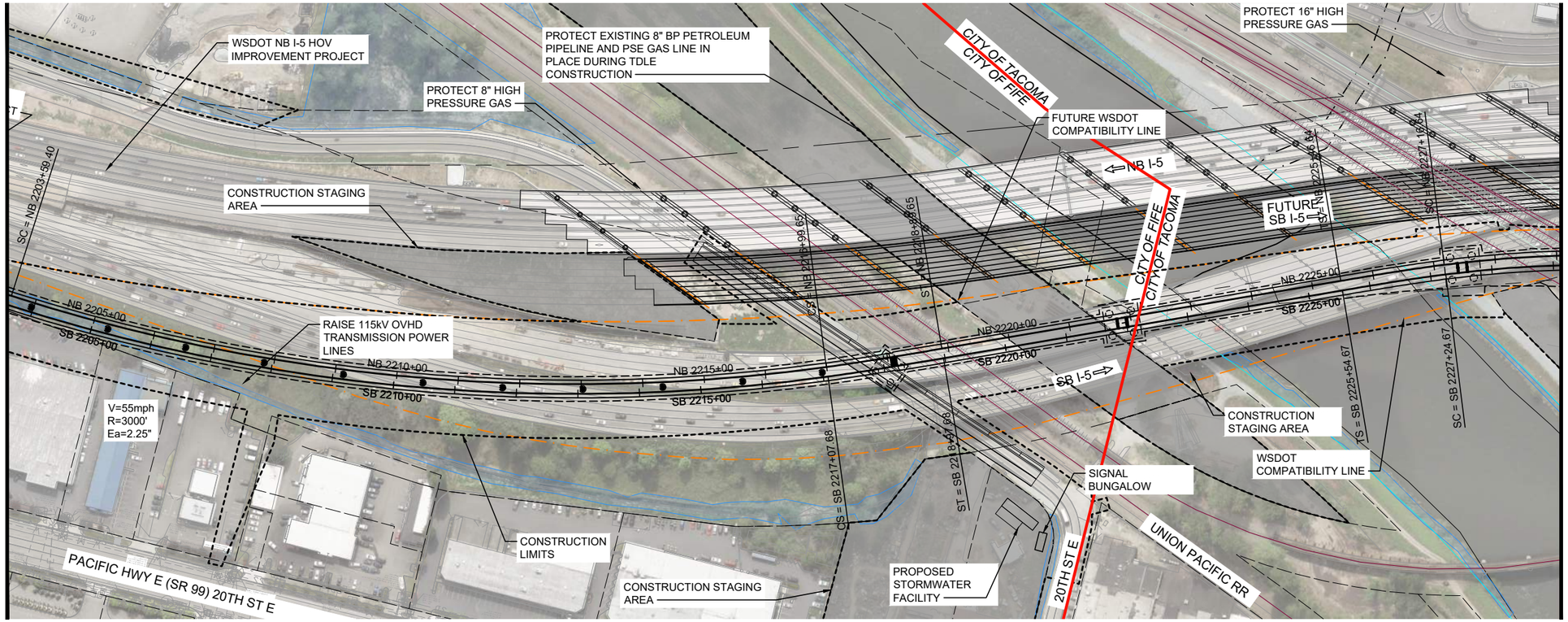

Note: A PREFERRED BRIDGE TYPE HAS NOT BEEN IDENTIFIED, SEE SHEETS A3C-KAP18 FOR THE IN-RIVER PIER SUPPORTED BRIDGE OPTION

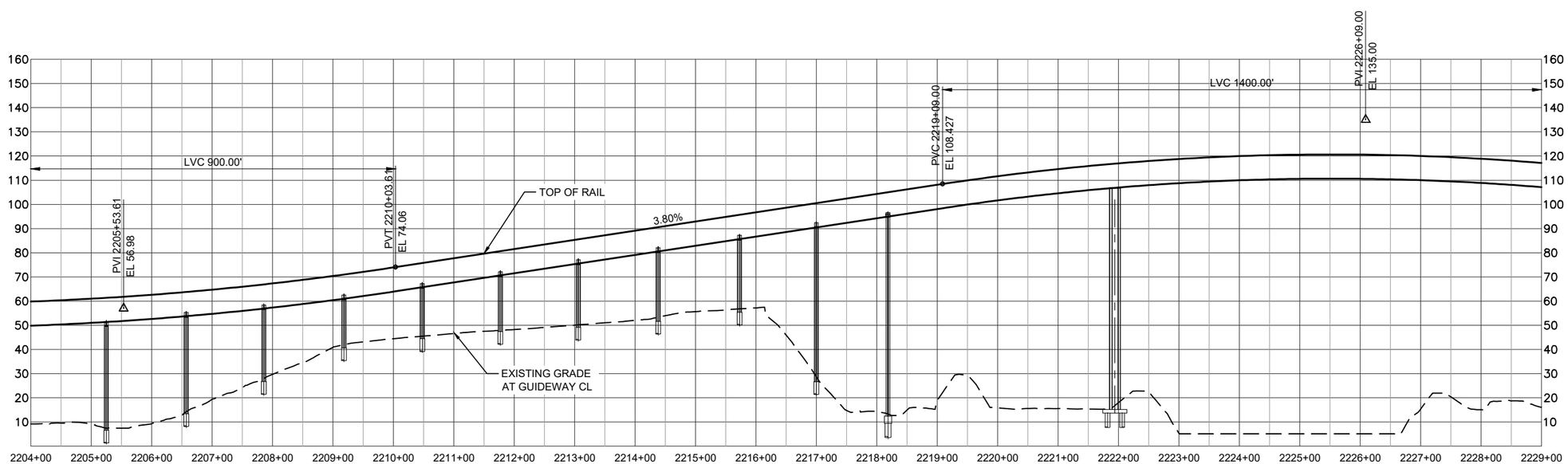

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2204+00 TO TA 2229+00

A00-KAP18
80

7/3/2024 12:42:03 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

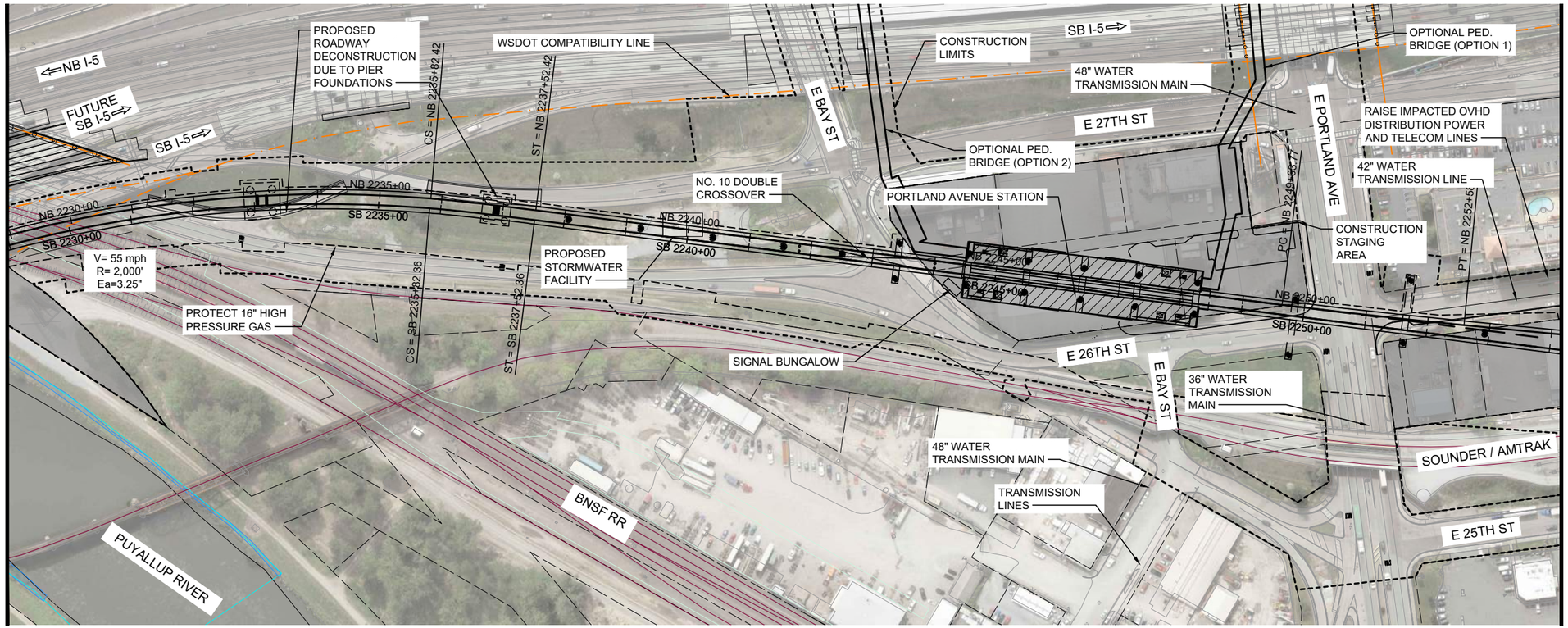

Note: A PREFERRED BRIDGE TYPE HAS NOT BEEN IDENTIFIED, SEE SHEET A3C-KAP19 FOR THE IN-RIVER PIER SUPPORTED BRIDGE OPTION

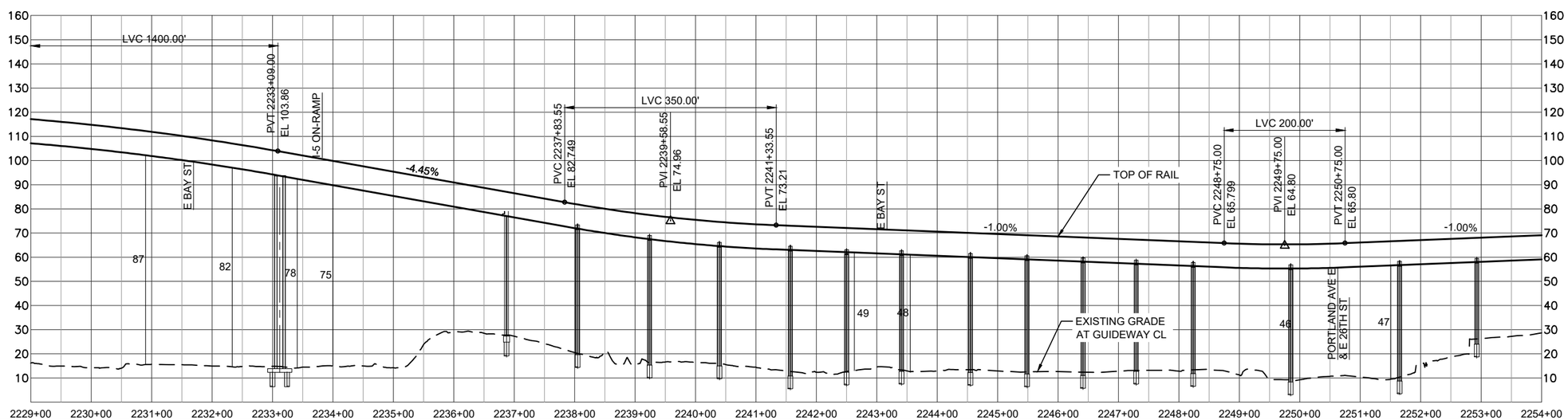

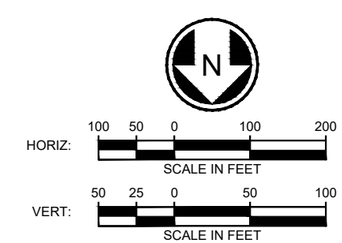

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2229+00 TO STA 2254+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

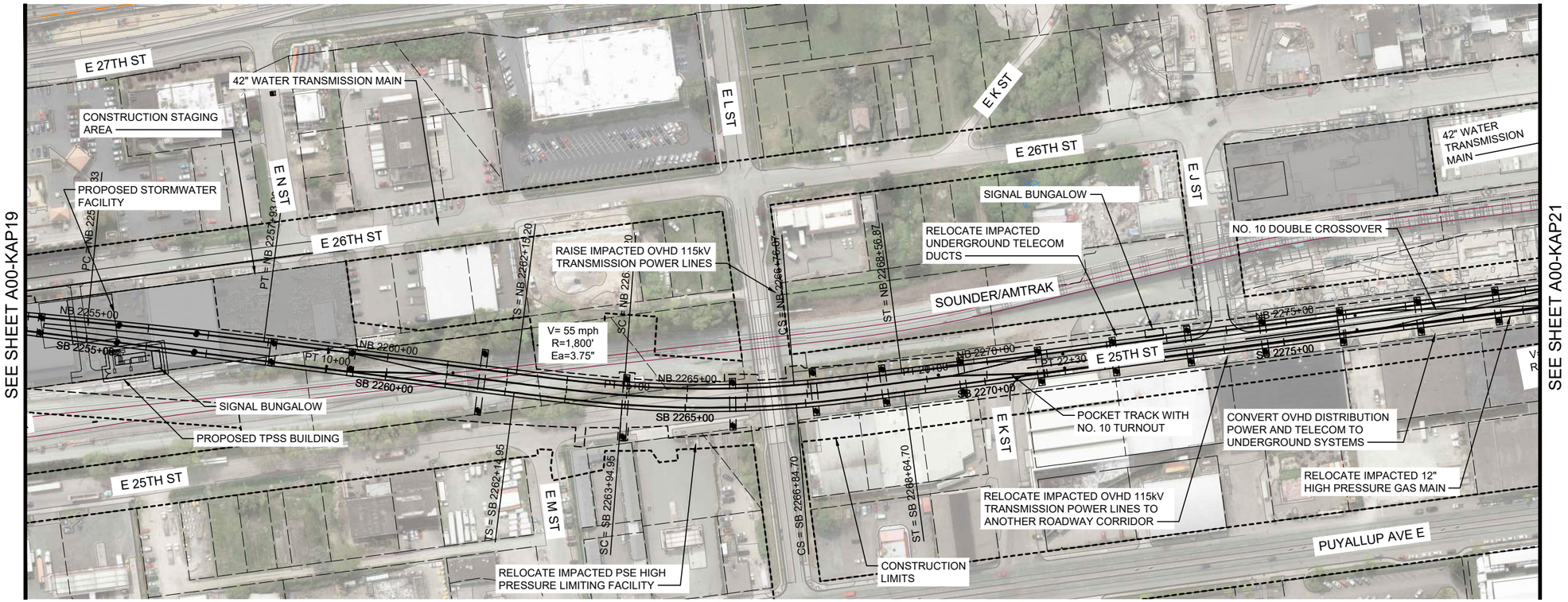

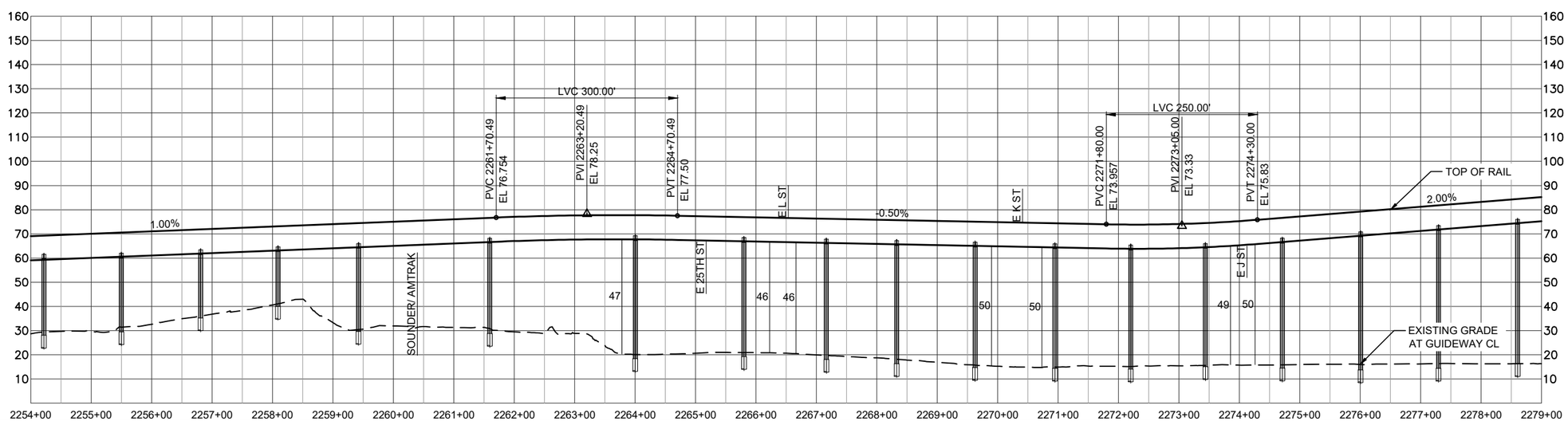

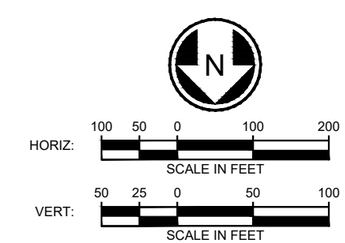

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2254+00 TO STA 2279+00

A00-KAP20
82

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

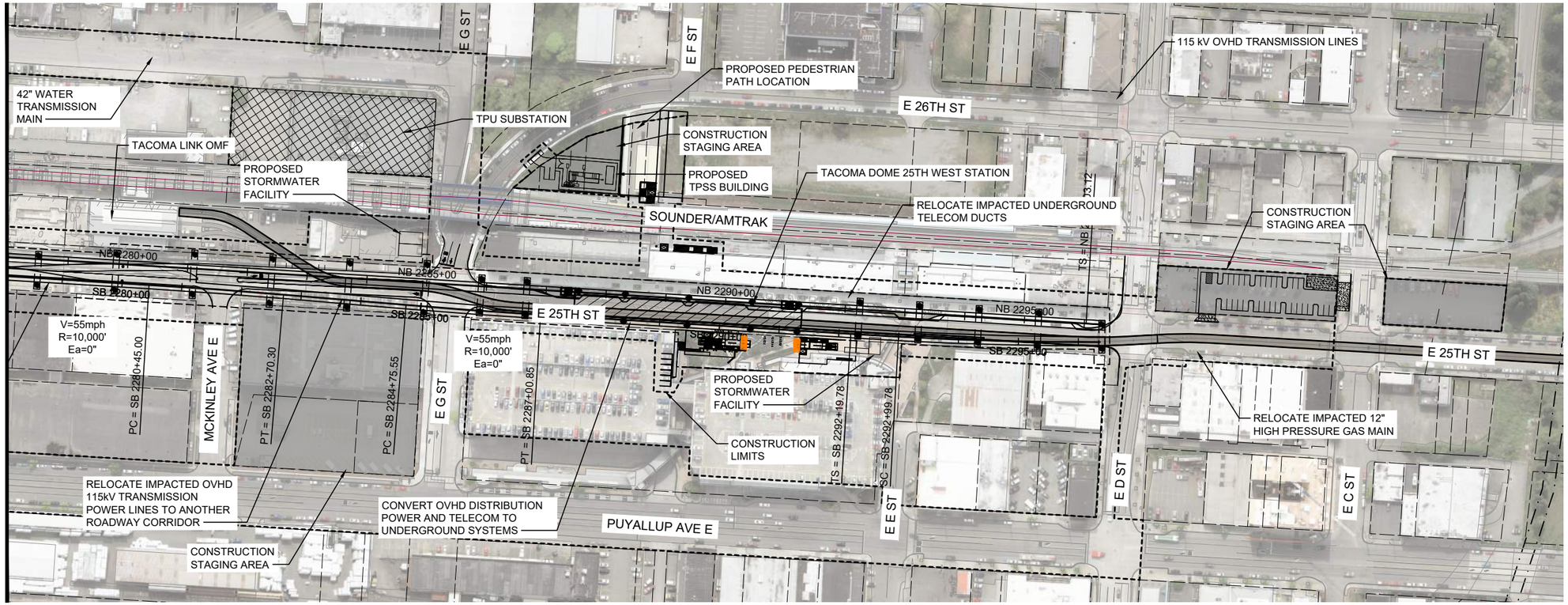

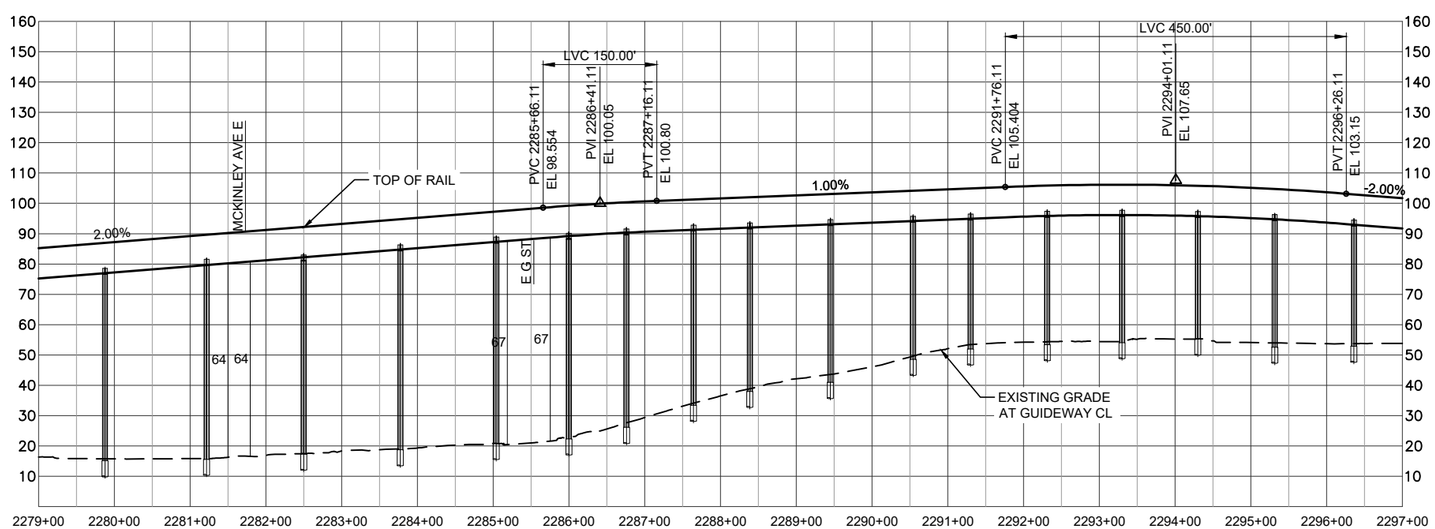

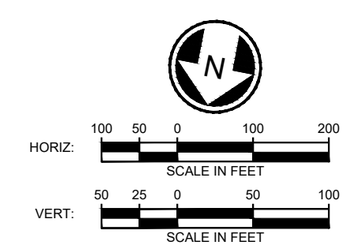

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2279+00 TO STA 2297+00

A00-KAP21
83

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

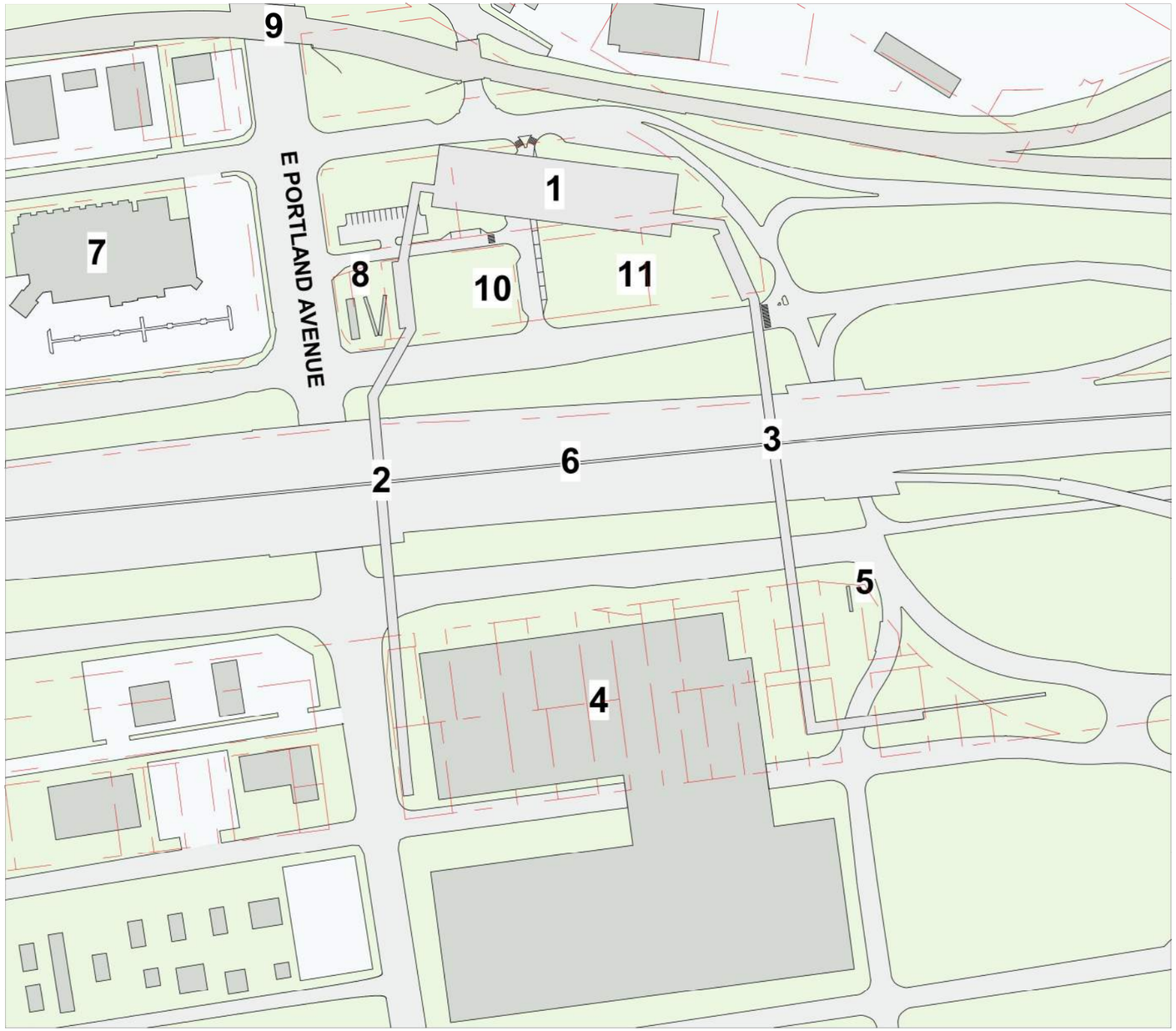

KEY

1. STATION
2. OPTIONAL BIKE AND PEDESTRIAN BRIDGE OPTION 1
3. OPTIONAL BIKE AND PEDESTRIAN BRIDGE OPTION 2
4. EMERALD QUEEN CASINO
5. CASINO MONUMENT SIGN, 120'
6. I-5
7. LA QUINTA
8. WAR PONY BILLBOARD, 85'
9. SOUNDER/AMTRAK
10. POTENTIAL CONSTRUCTION STAGING 01
11. POTENTIAL CONSTRUCTION STAGING 02

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 100' 200'

N

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SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
PORTLAND AVENUE STATION
KEY PLAN

A03-ASP100
84

SOUND TRANSIT TACOMA DOME LINK EXTENSION

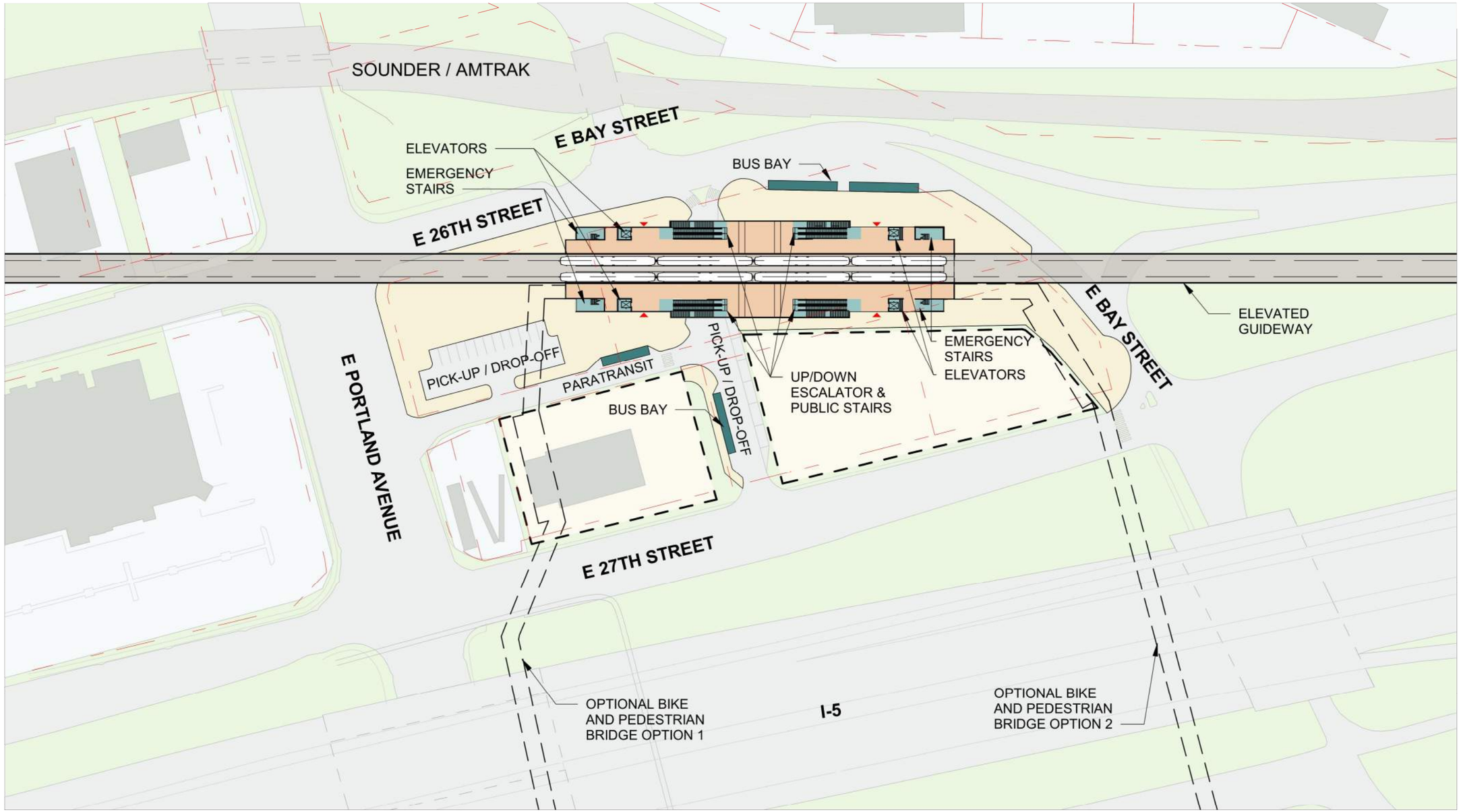

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 50' 100'

N

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
PORTLAND AVENUE STATION
SITE PLAN

A03-ASP101
85

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER / AMTRAK

E BAY STREET

E 26TH STREET

E BAY STREET

1 2 3 4 5 6 7

A B C D E F

BUS BAYS

BIKE RACKS

BIKE LOCKERS

B

ENTRY EL 13'-6"

ELEVATOR

EMERGENCY STAIR

UP/DOWN ESCALATOR & PUBLIC STAIR

UP

T

ANCILLARY

SECURITY PARKING

SERVICE PARKING

ELEVATED GUIDEWAY, ABOVE

PICK-UP / DROP-OFF

PARATRANSIT BUS BAY

POTENTIAL CONSTRUCTION STAGING

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
PORTLAND AVENUE STATION
PLAZA LEVEL PLAN

A03-APP101
86

12/18/2020 5:53:12 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

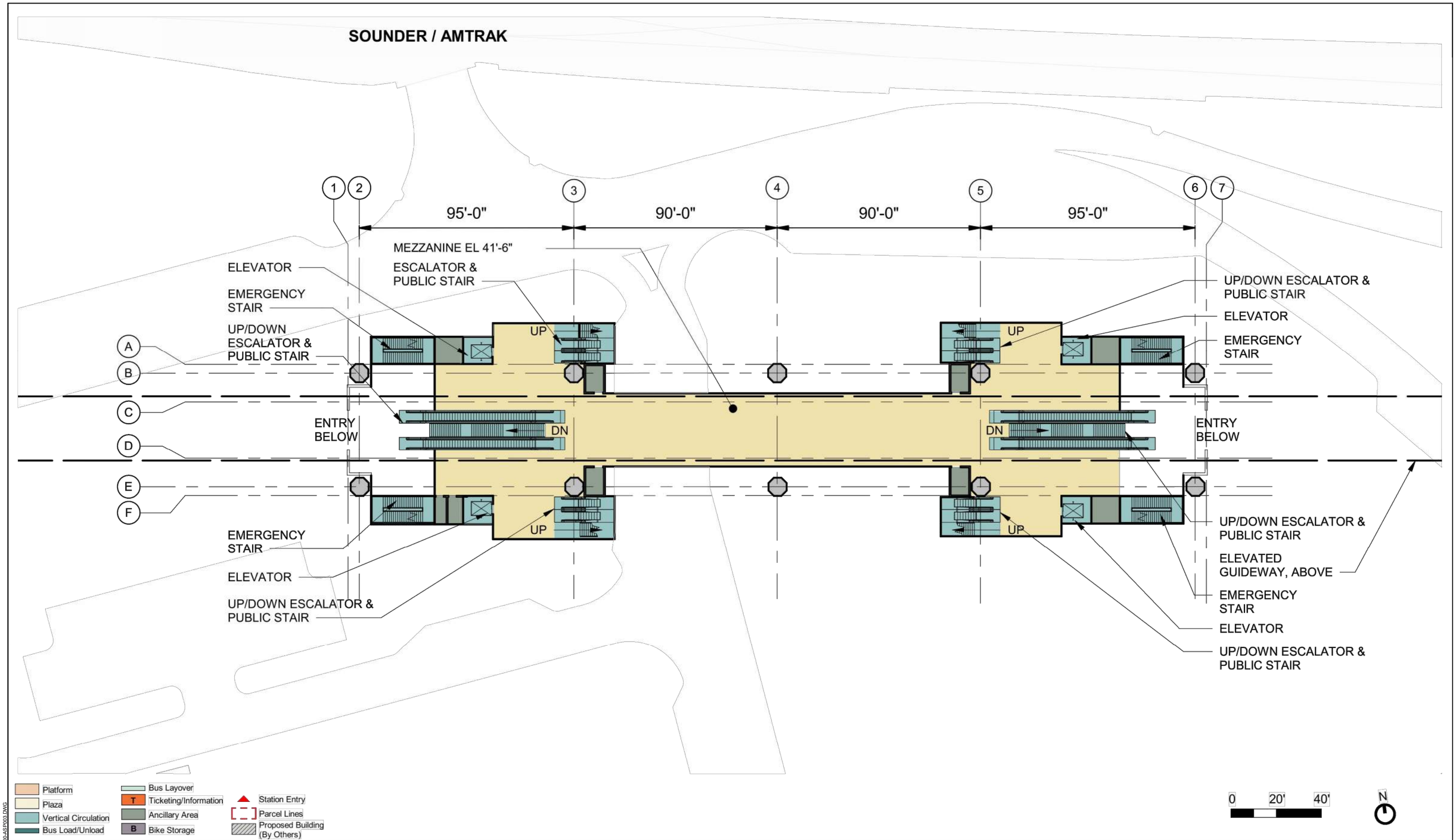

SOUNDTRANSIT

HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
PORTLAND AVENUE STATION
MEZZANINE LEVEL PLAN

A03-APP102

12/18/2020 5:53:14 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

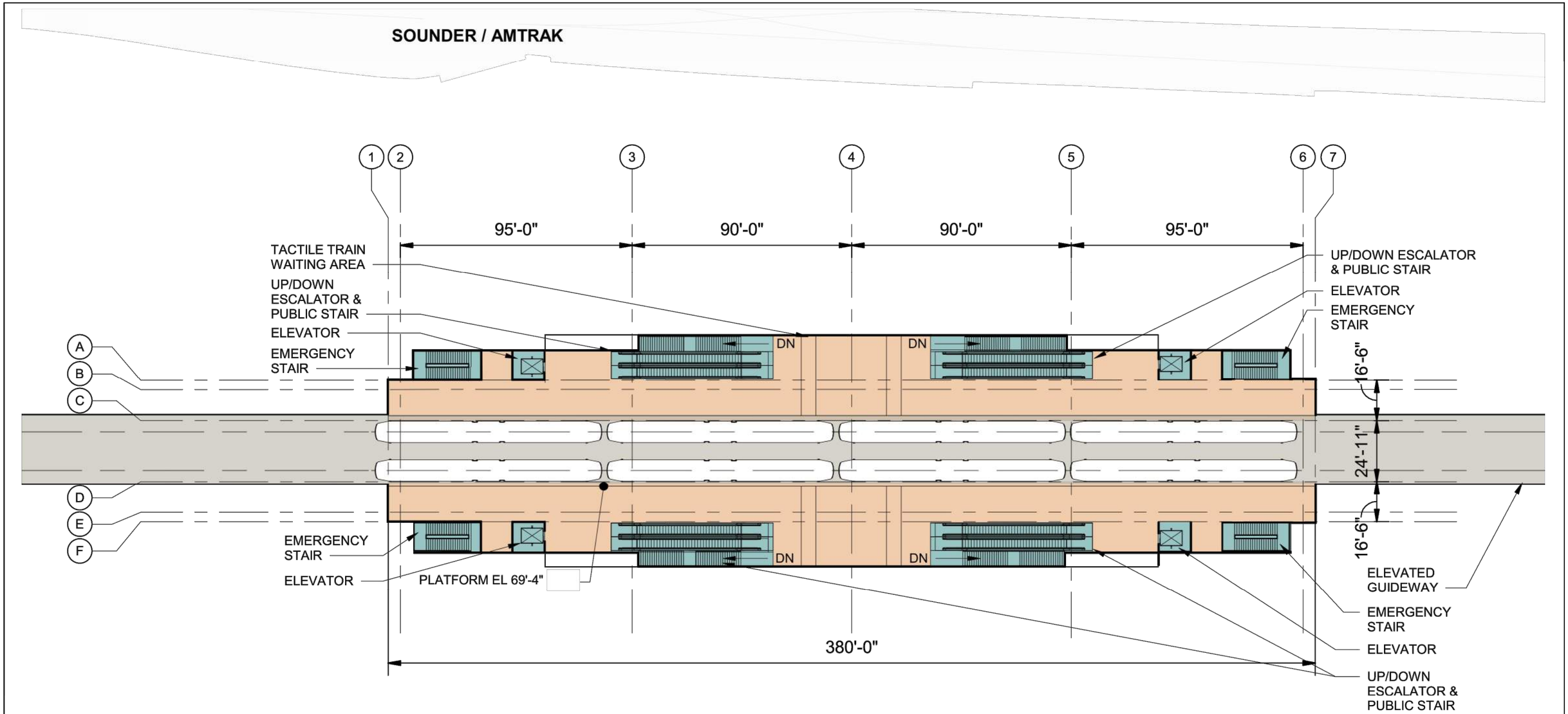

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
PORTLAND AVENUE STATION
PLATFORM LEVEL PLAN

A03-APP103
88

12/18/2020 5:53:15 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SECTION B

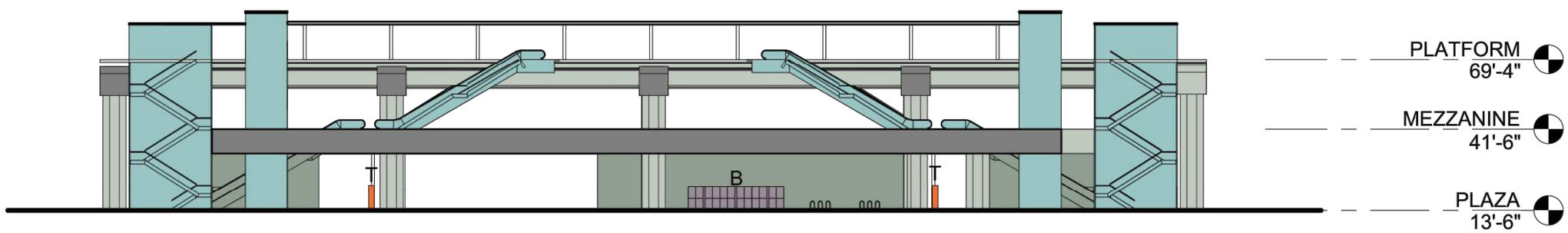

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT HDR

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
PORTLAND AVENUE STATION
SECTIONS

A03-ASX101
89

12/18/2020 5:53:16 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

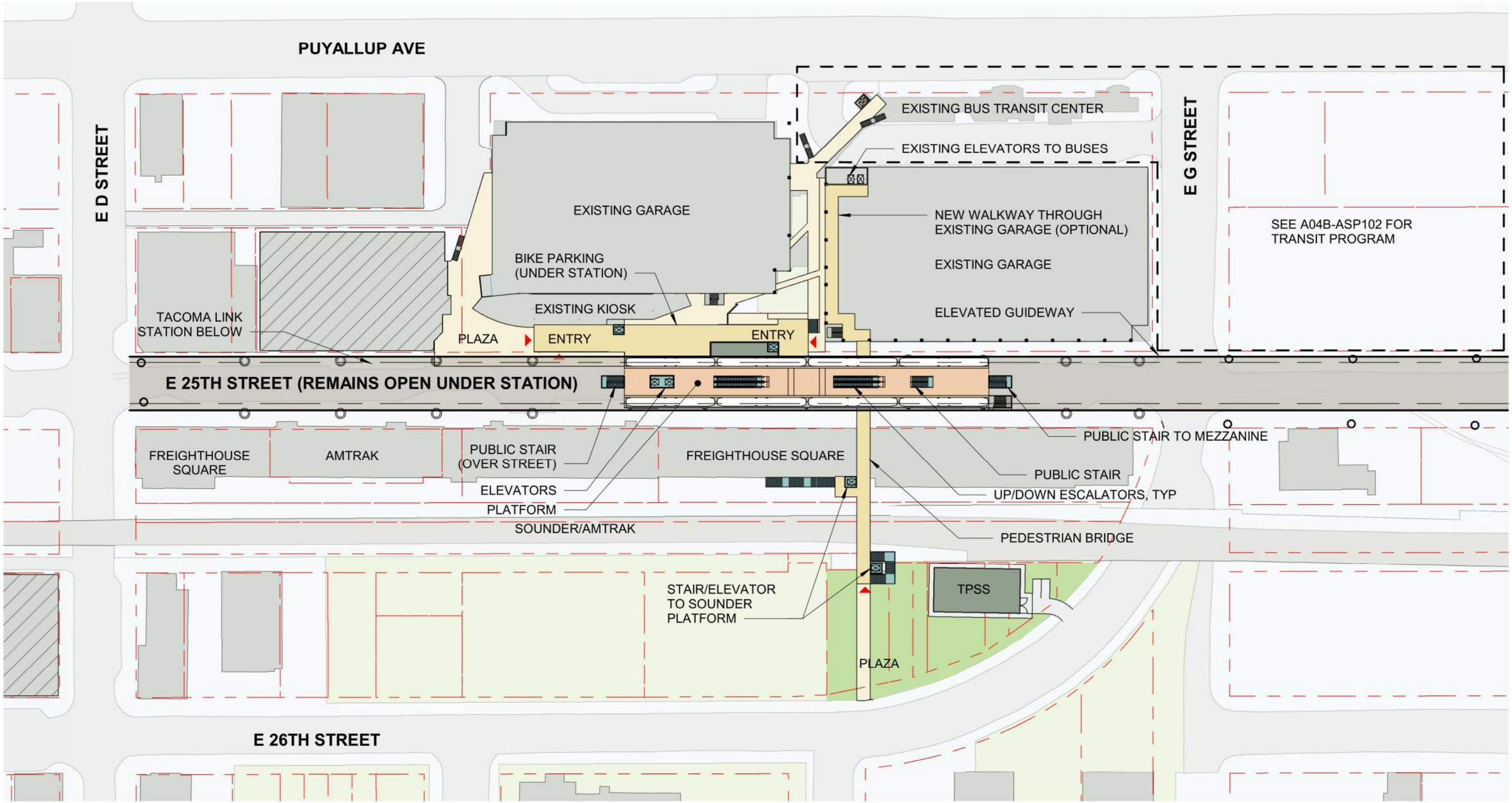

SCHARRERAD

SOUNDTRANSIT

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TACOMA 25TH WEST STATION
SITE PLAN

A04-ASP101
90

12/18/2020 5:58:47 AM
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

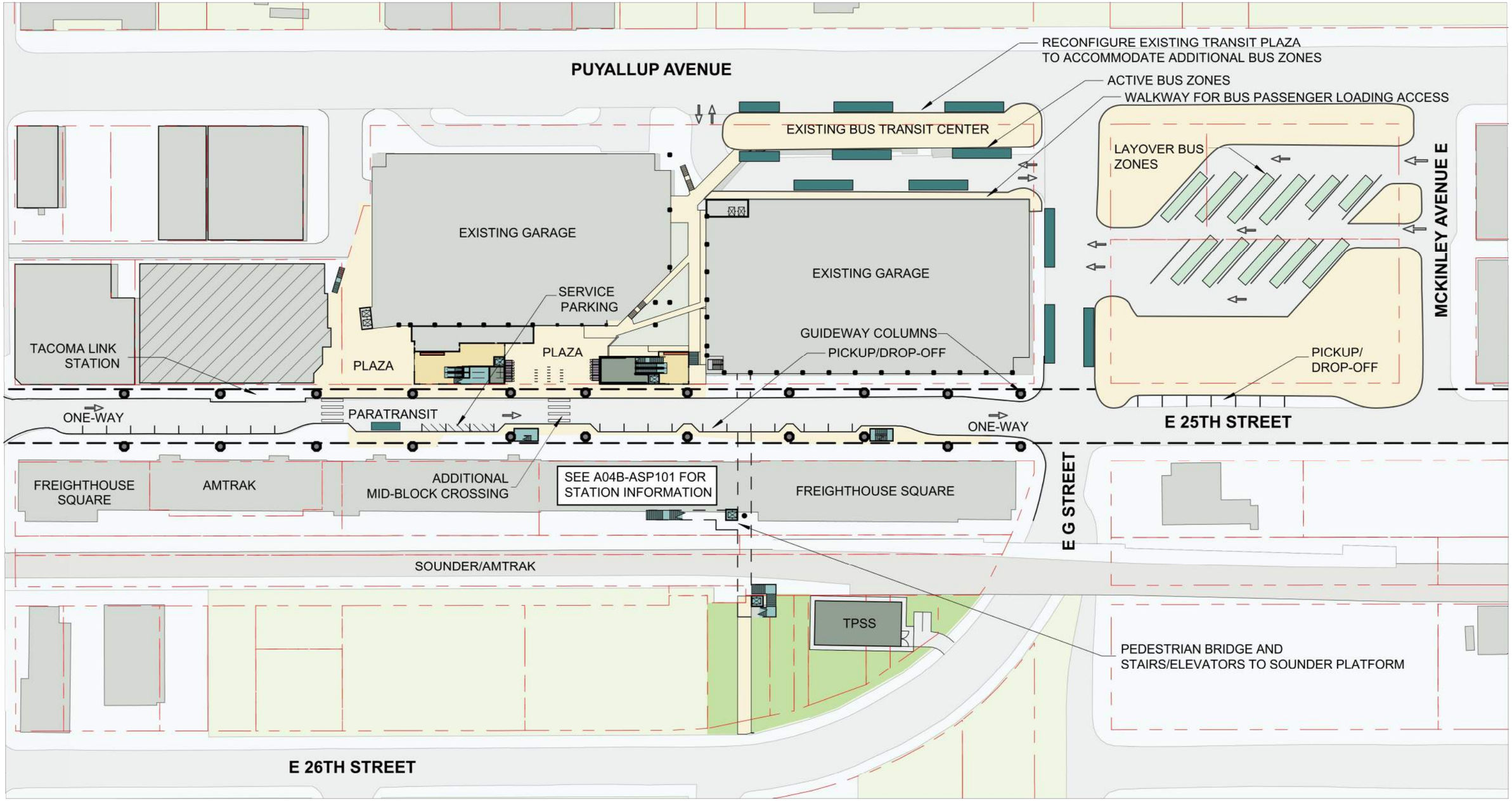

SOUNDTRANSIT

SCHARRERAD

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TACOMA 25TH WEST STATION
SITE PLAN - TRANSIT INTEGRATION

A04-ASP102
91

12/18/2020 5:58:50 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

EXISTING ACCESSIBLE PEDESTRIAN ROUTE TO EXISTING BUS TRANSIT CENTER

EXISTING ACCESS TO EXISTING BUS TRANSIT CENTER

EXISTING ELEVATORS

B

EXISTING GARAGE

CONNECTION TO EXISTING BUS FACILITY EL 35'-6"

WEST ENTRY EL 54'-0"

DN

EXISTING GARAGE

EXISTING KIOSK

PROPOSED DEVELOPMENT (BY OTHERS)

BICYCLE LOCKERS

BICYCLE RACKS

T

ENTRY

UP

PLAZA

B

B

ANCILLARY

UP

T

DN

ENTRY

A

B

A

PARATRANSIT

SECURITY PARKING

E 25TH STREET (STATION ABOVE)

EAST ENTRY EL 44'-0"

PICK-UP / DROP-OFF

C

D

EMERGENCY STAIR

ELEVATED GUIDEWAY ABOVE

EMERGENCY STAIR

ADDITIONAL MID-BLOCK CROSSING

AMTRAK

1 2 3 4 5 6 7

FREIGHTHOUSE SQUARE

PEDESTRIAN BRIDGE ABOVE

UP

B

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Additional columns may be necessary to support mezzanine structure

0 20' 40'

N

SOUNDTRANSIT

SCHARRERAD

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TACOMA 25TH WEST STATION
PLAZA LEVEL PLAN

A04-APP101
92

12/18/2020 5:58:52 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

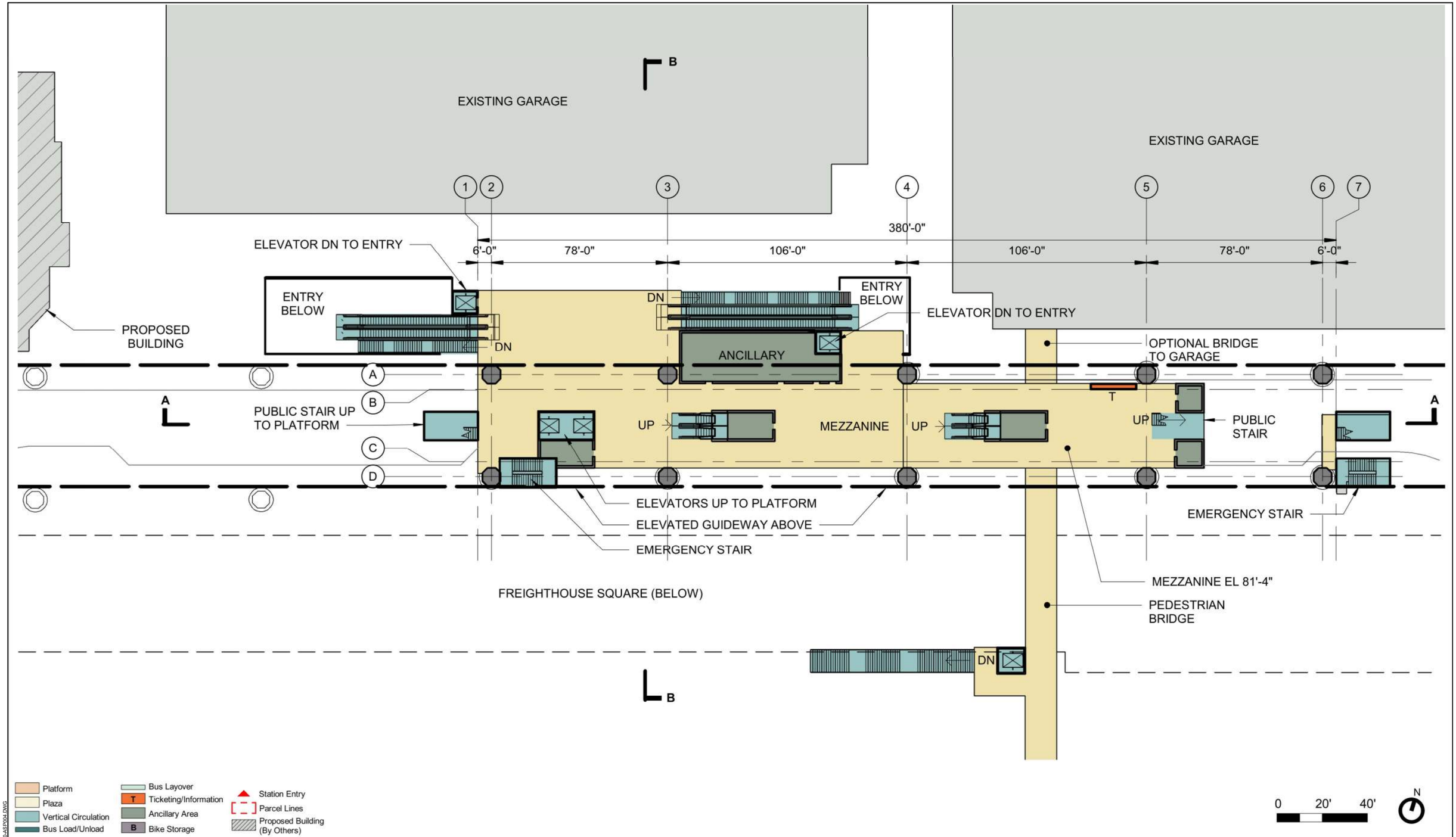

SCHARRERAD

SOUNDTRANSIT

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TACOMA 25TH WEST STATION
MEZZANINE LEVEL PLAN

A04-APP102
93

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

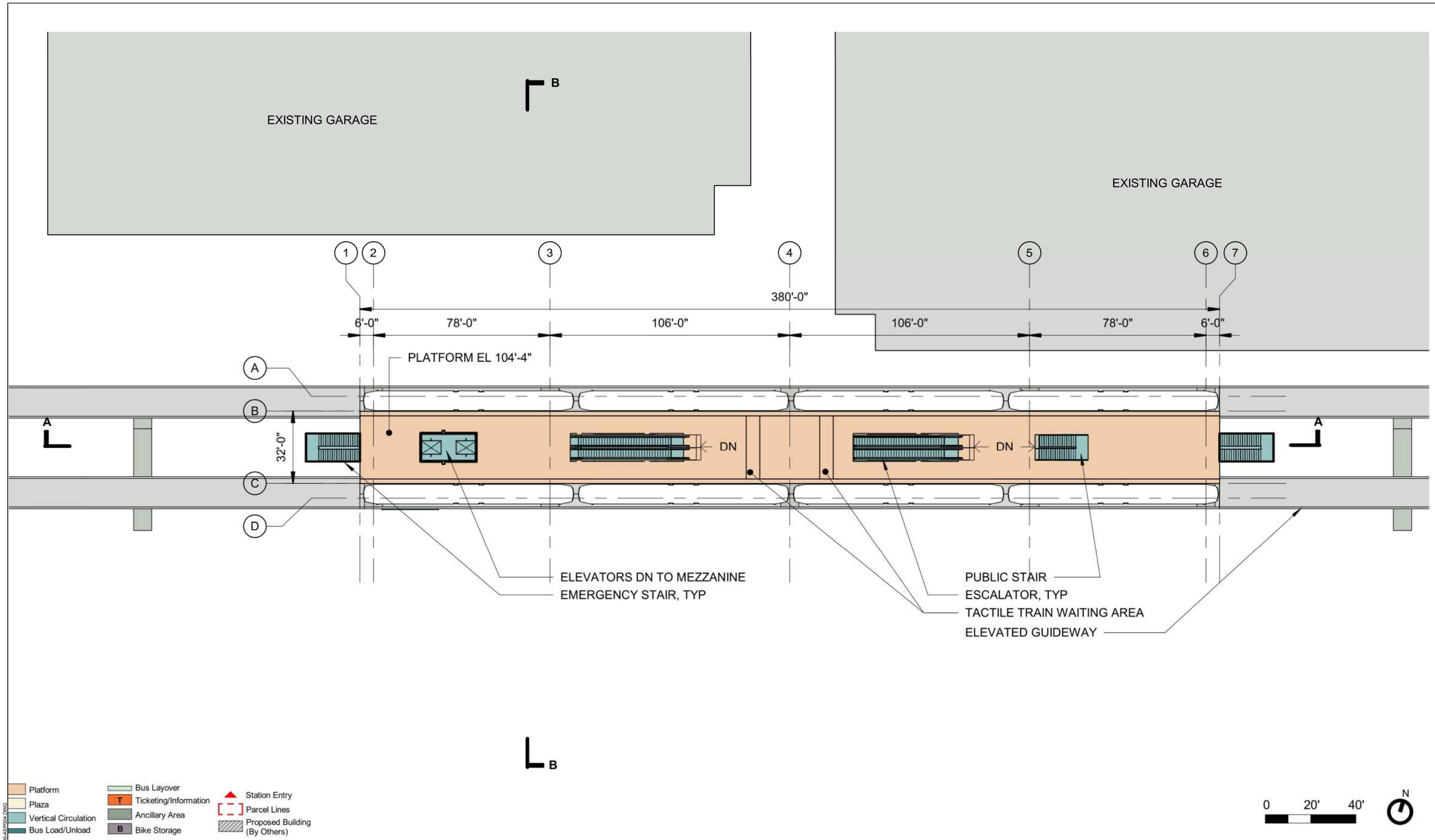

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SOUNDTRANSIT

SCHARRERAD

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TACOMA 25TH WEST STATION
PLATFORM LEVEL PLAN

A04-APP103

SOUND TRANSIT TACOMA DOME LINK EXTENSION

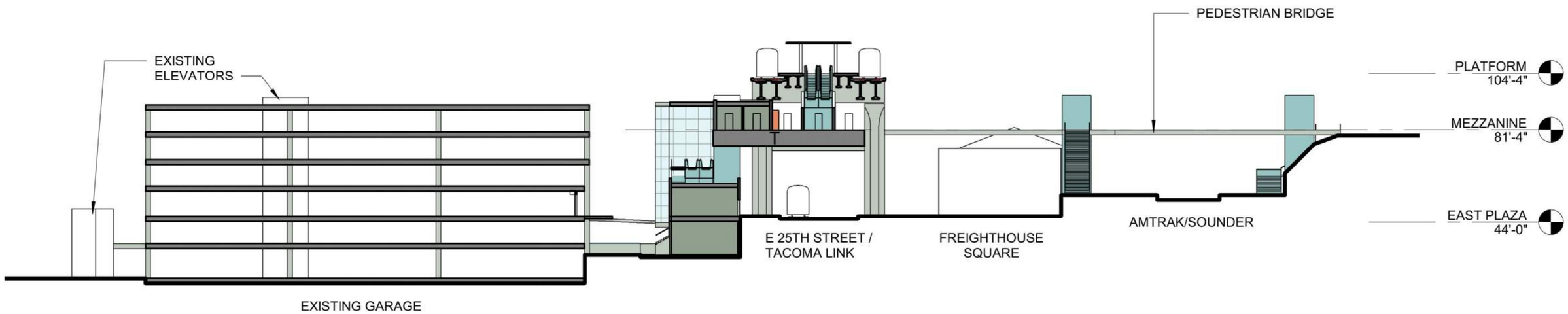

SECTION B

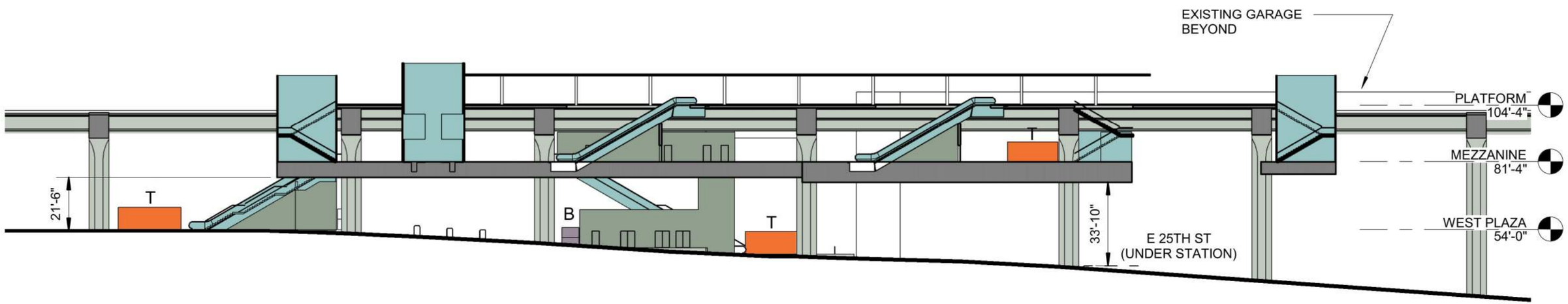

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

PREFERRED TACOMA 25TH STREET - WEST ALTERNATIVE
TACOMA 25TH WEST STATION
SECTIONS

A04-ASX101
95

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

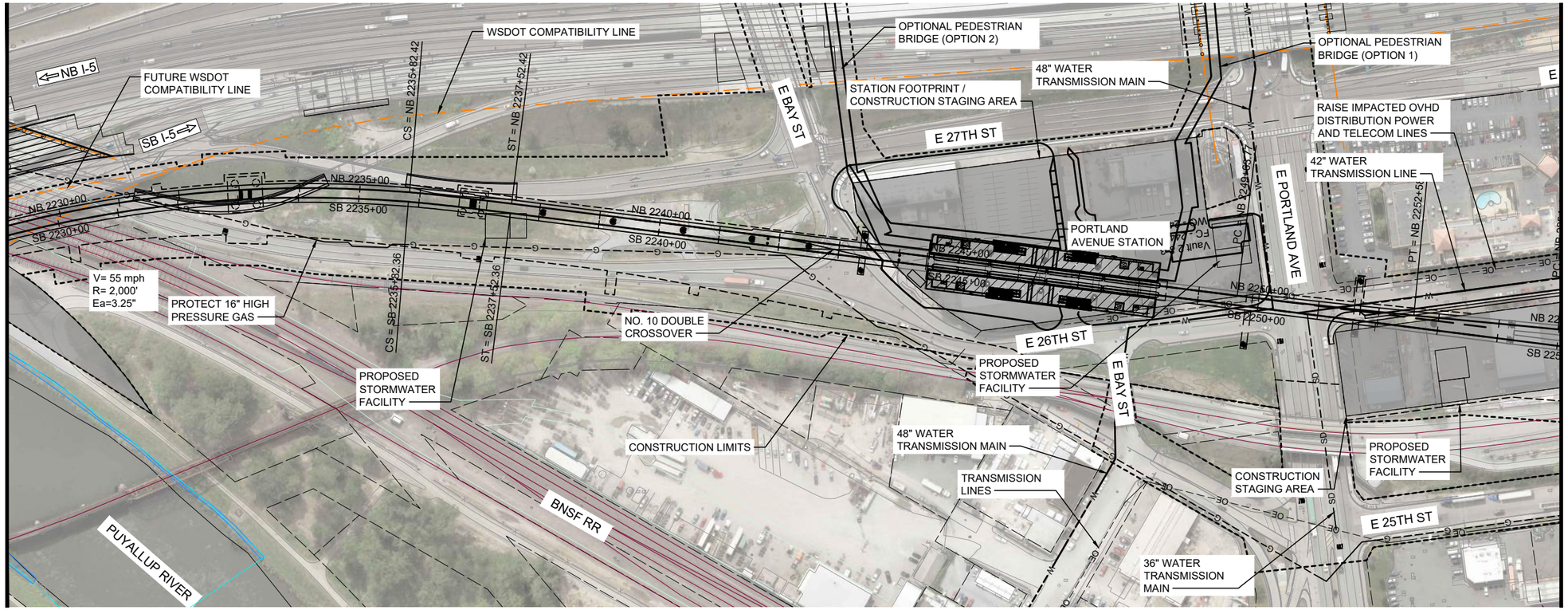

Note: A PREFERRED BRIDGE TYPE HAS NOT BEEN IDENTIFIED, SEE SHEET A3C-KAP19 FOR THE IN-RIVER PIER SUPPORTED BRIDGE OPTION

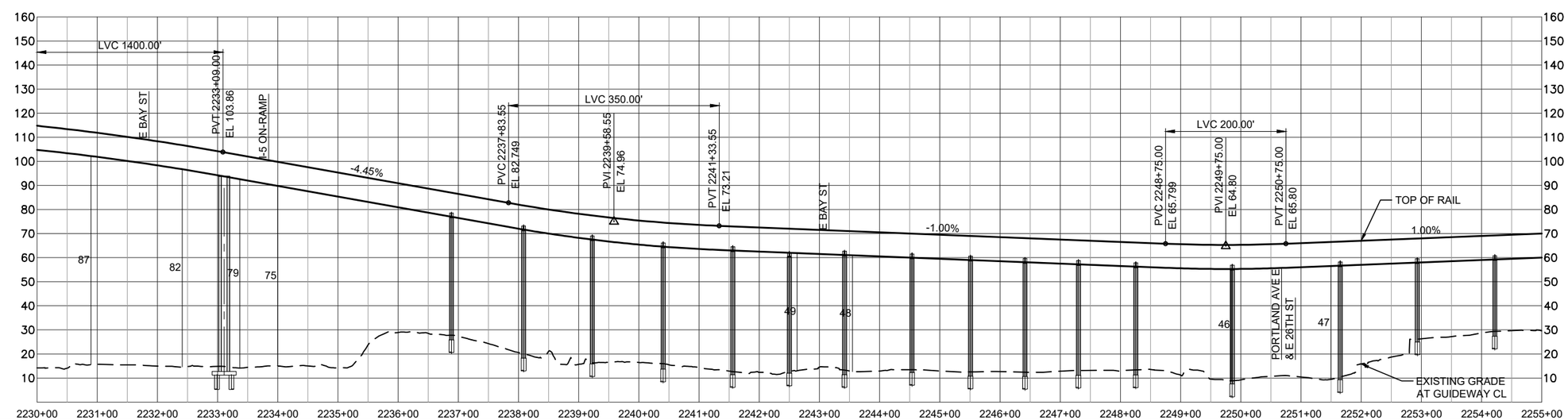

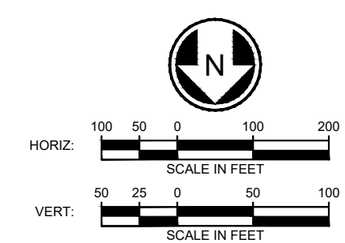

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2230+00 TO STA 2255+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

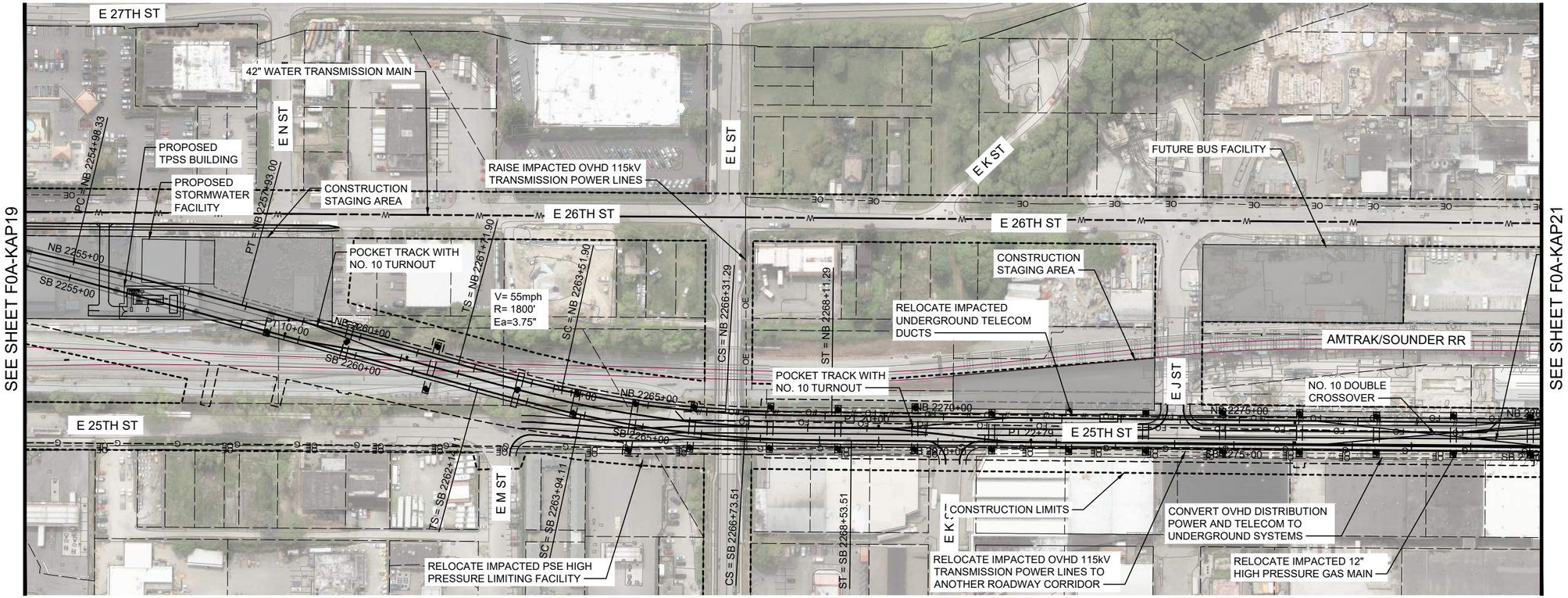

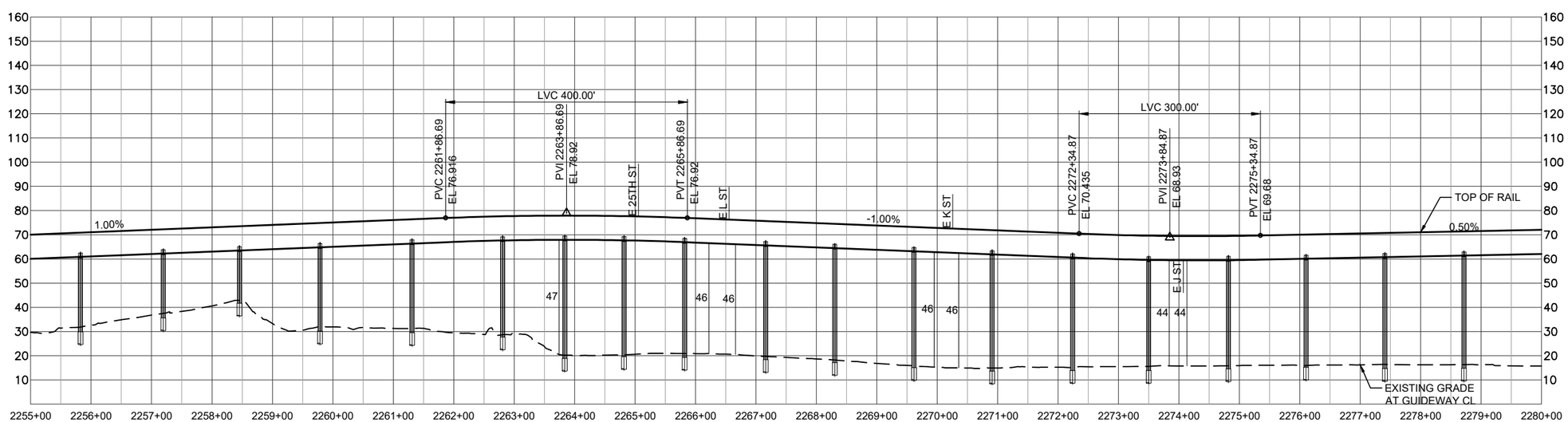

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

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1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2255+00 TO STA 2280+00

8/19/2024 2:55:17 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

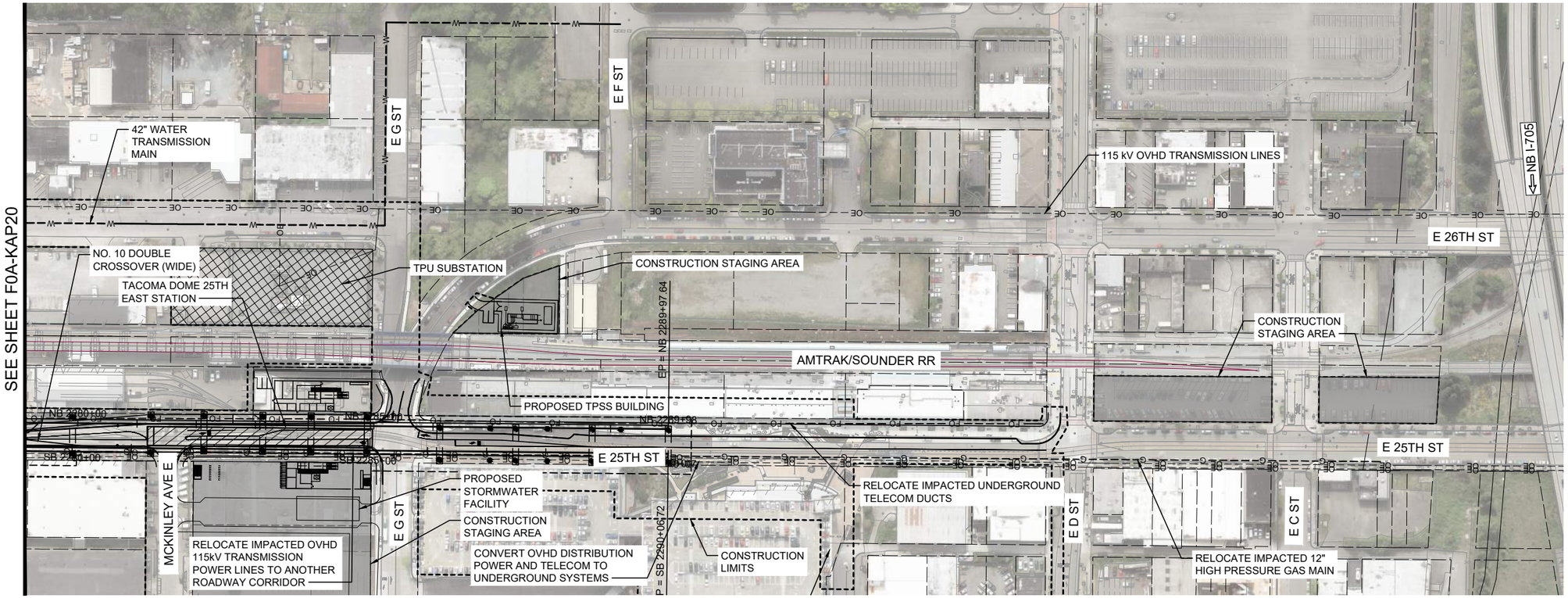

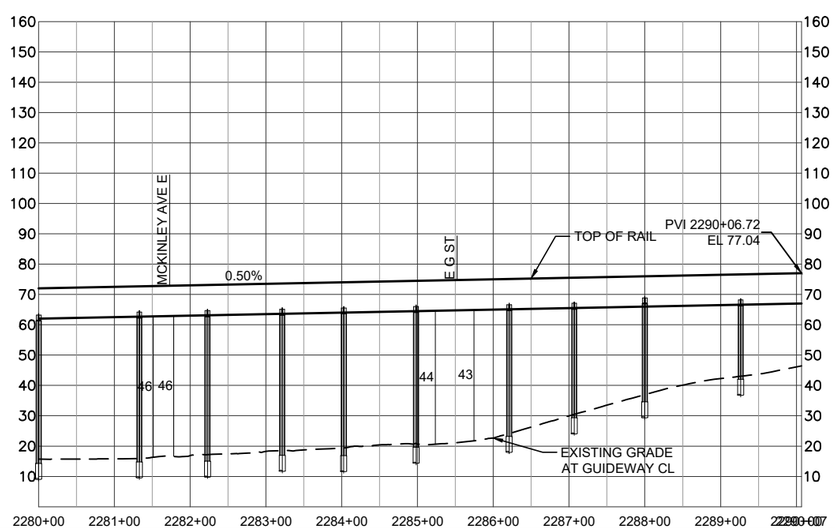

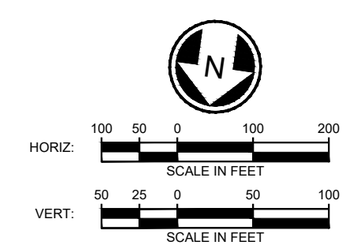

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2280+00 TO STA 2297+00

F0A-KAP21
98

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

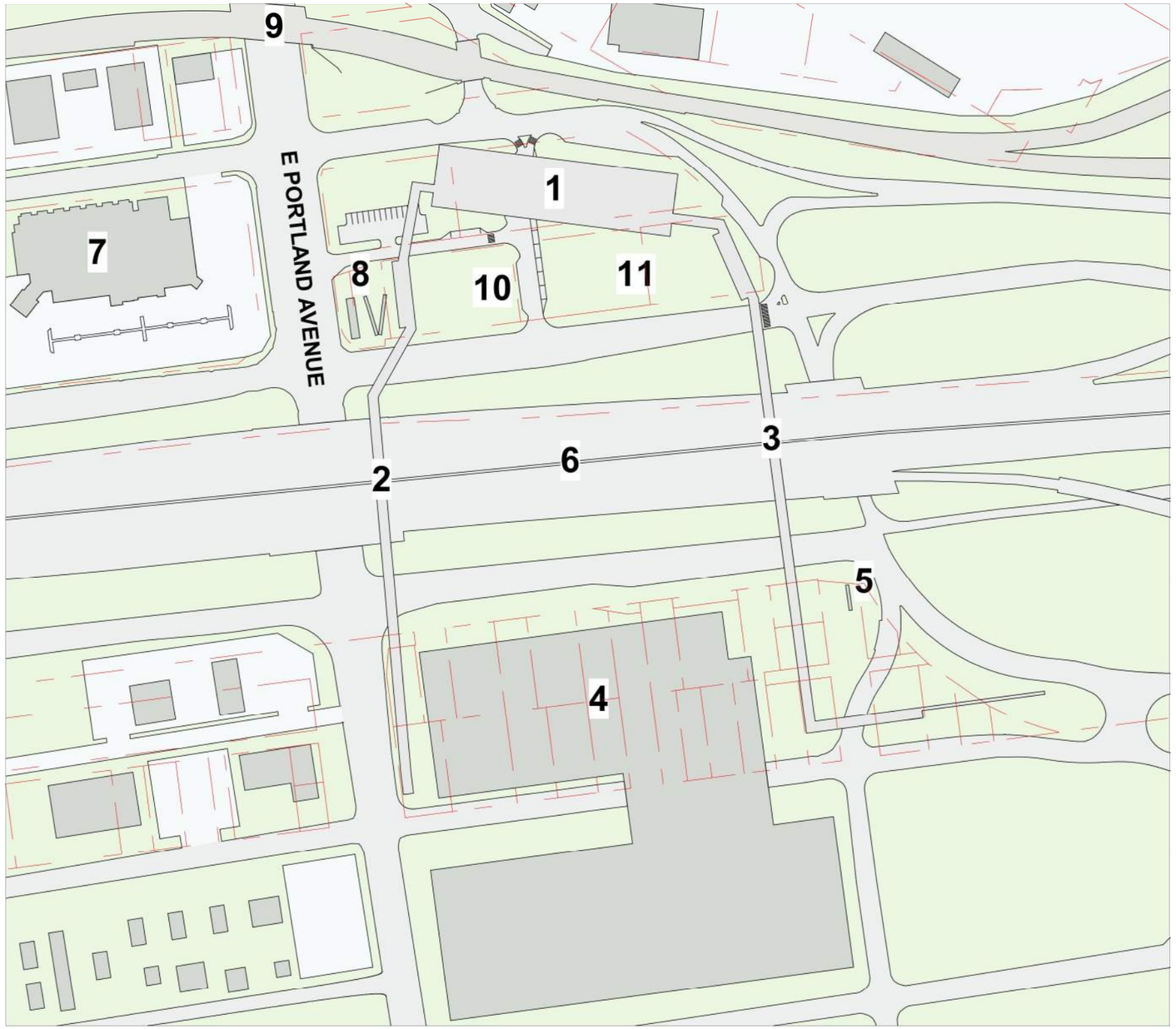

KEY

1. STATION
2. OPTIONAL BIKE AND PEDESTRIAN BRIDGE OPTION 1
3. OPTIONAL BIKE AND PEDESTRIAN BRIDGE OPTION 2
4. EMERALD QUEEN CASINO
5. CASINO MONUMENT SIGN, 120'
6. I-5
7. LA QUINTA
8. WAR PONY BILLBOARD, 85'
9. SOUNDER/AMTRAK
10. POTENTIAL CONSTRUCTION STAGING 01
11. POTENTIAL CONSTRUCTION STAGING 02

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 100' 200'

N

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SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
PORTLAND AVENUE STATION
KEY PLAN

F0A-ASP100
99

SOUND TRANSIT TACOMA DOME LINK EXTENSION

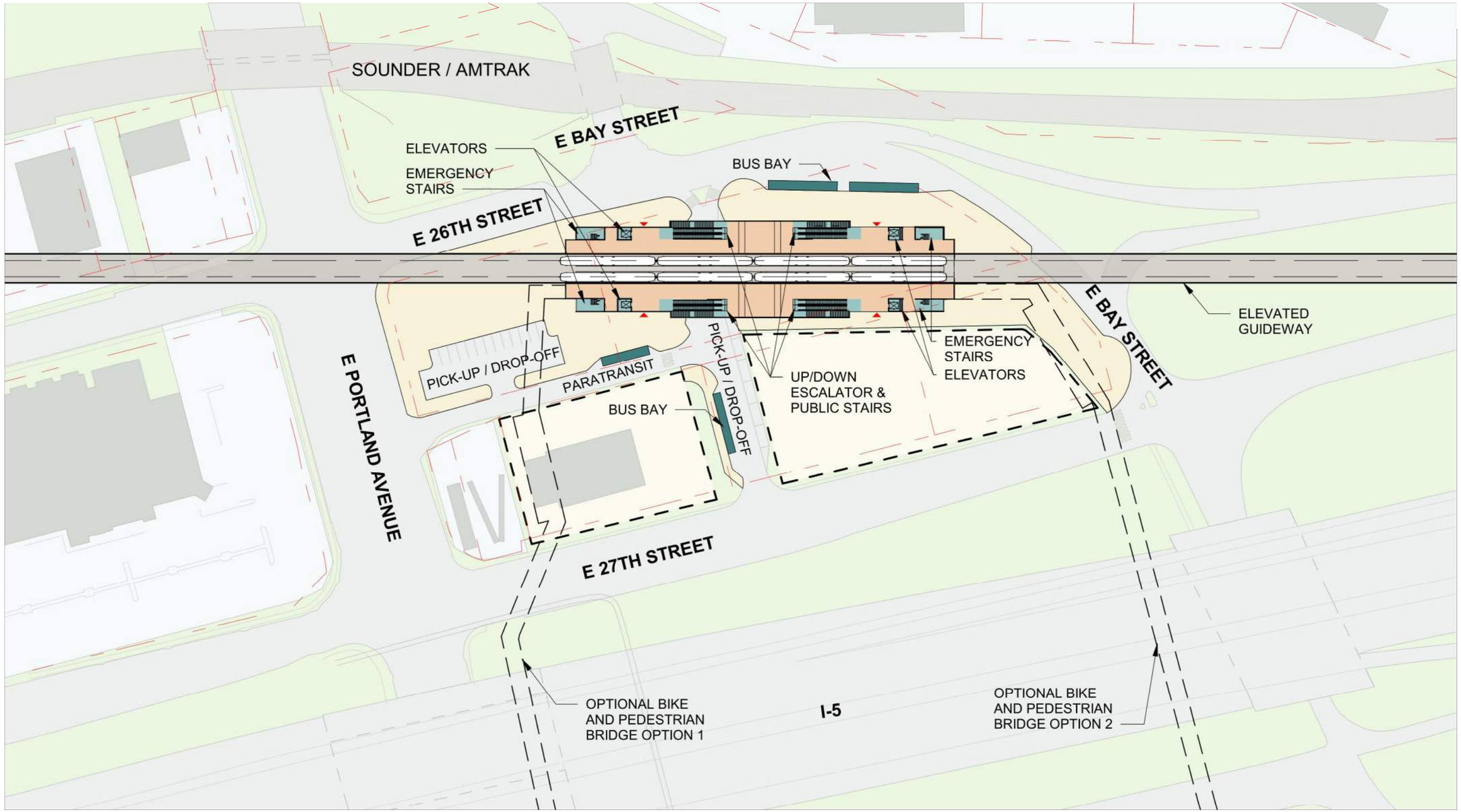

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 50' 100'

N

SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
PORTLAND AVENUE STATION
SITE PLAN

F0A-ASP101
100

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER / AMTRAK

E BAY STREET

E 26TH STREET

E BAY STREET

1 2 3 4 5 6 7

A B C D E F

BUS BAYS

BIKE RACKS

BIKE LOCKERS

ENTRY EL 13'-6"

ELEVATOR

EMERGENCY STAIR

UP/DOWN ESCALATOR & PUBLIC STAIR

UP

ANCILLARY

SECURITY PARKING

SERVICE PARKING

ELEVATED GUIDEWAY, ABOVE

PICK-UP / DROP-OFF

PARATRANSIT BUS BAY

POTENTIAL CONSTRUCTION STAGING

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
PORTLAND AVENUE STATION
PLAZA LEVEL PLAN

F0A-APP101
101

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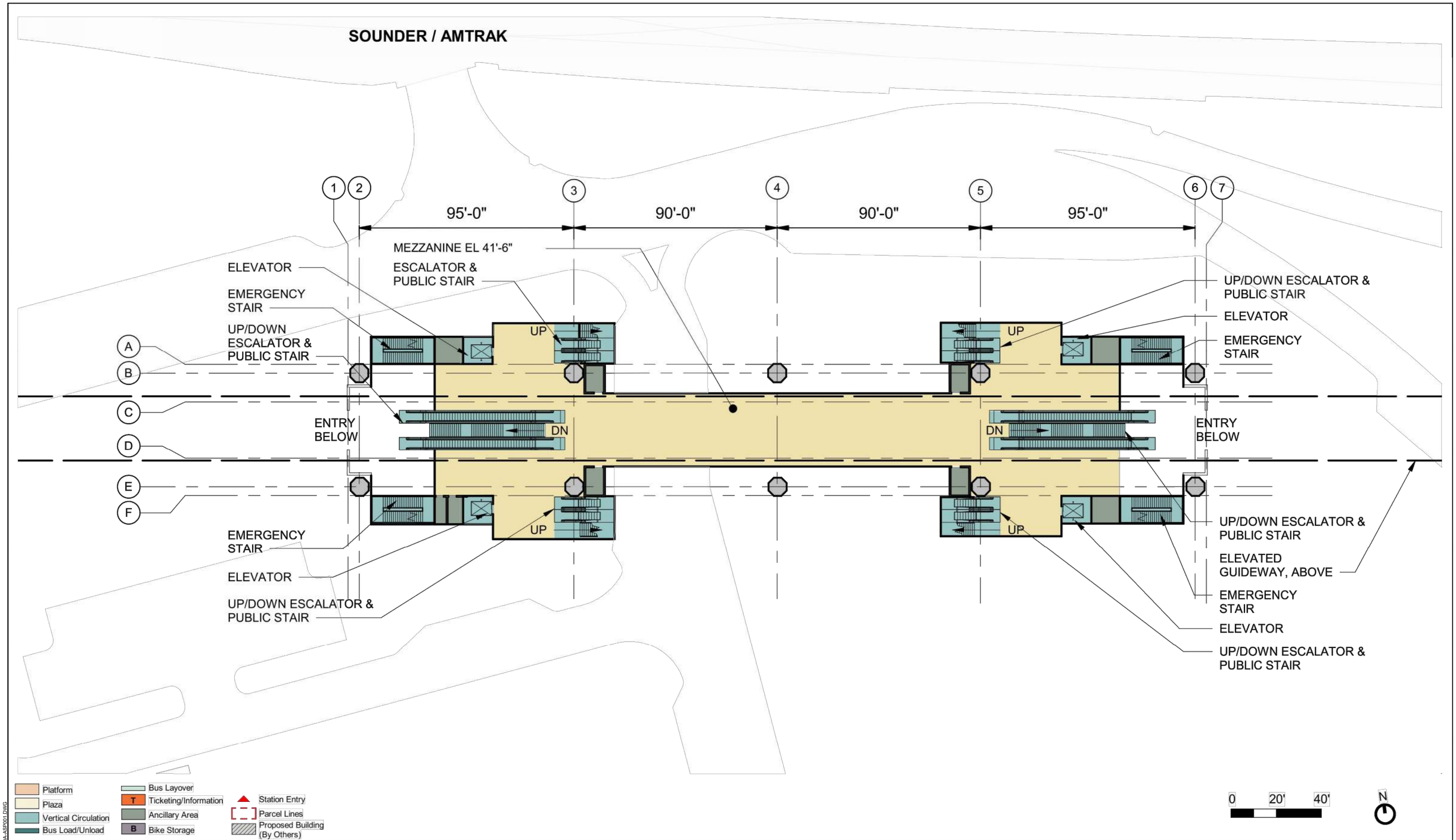

SOUNDTRANSIT

HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
PORTLAND AVENUE STATION
MEZZANINE LEVEL PLAN

F0A-APP102
102

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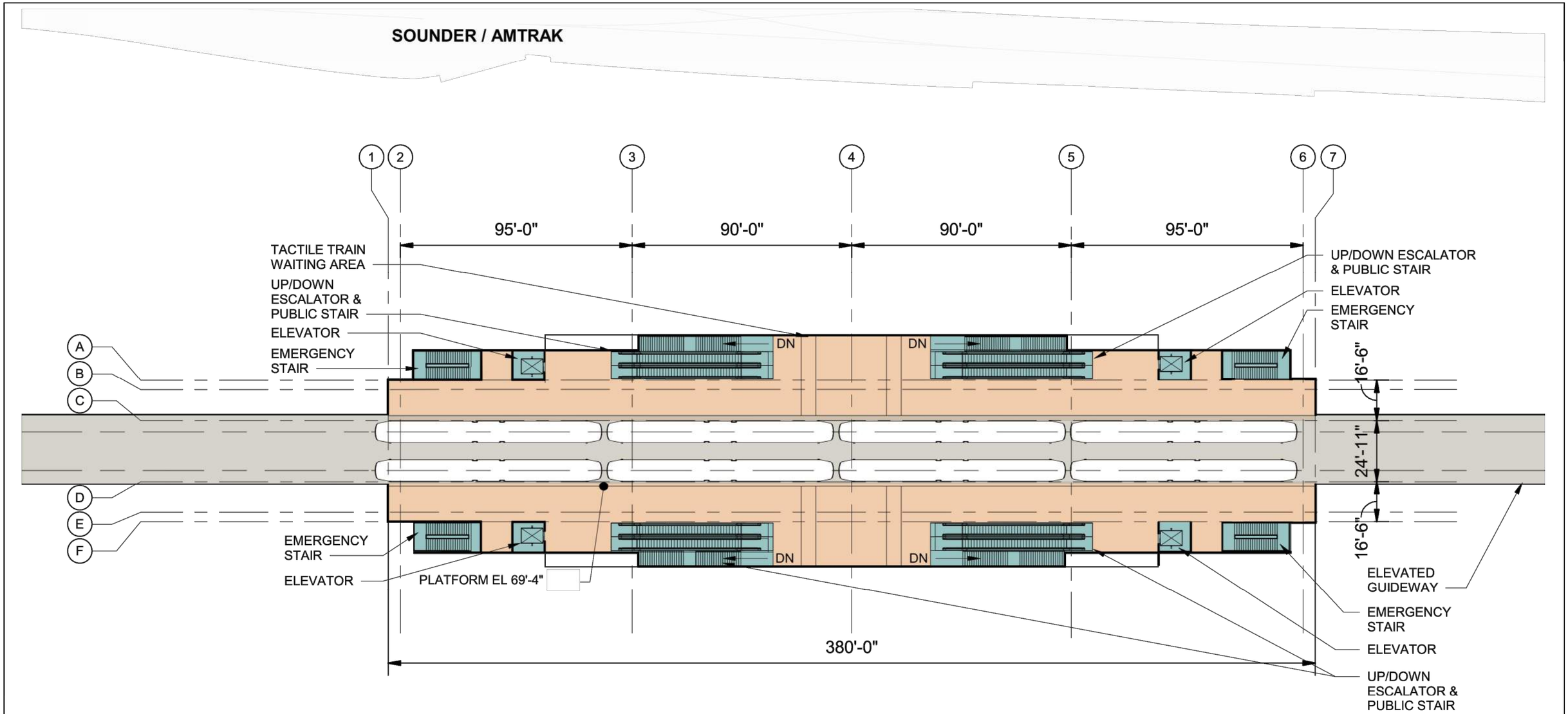

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
PORTLAND AVENUE STATION
PLATFORM LEVEL PLAN

F0A-APP103
103

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SECTION B

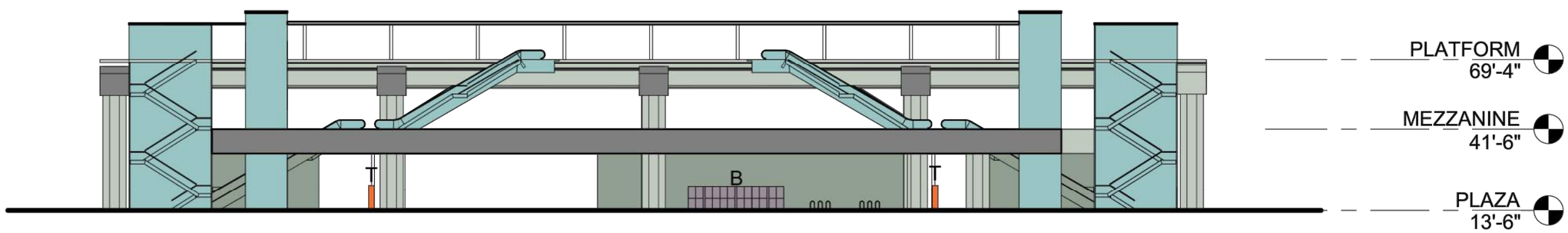

SECTION A

- Platform
- Plaza
- Vertical Circulation
- Bus Load/Unload
- Bus Layover
- T Ticketing/Information
- Ancillary Area
- B Bike Storage
- Station Entry
- Parcel Lines
- Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT HDR

TACOMA 25TH STREET - EAST ALTERNATIVE
PORTLAND AVENUE STATION
SECTIONS

F0A-ASX101
104

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

PUYALLUP AVENUE

SEE F00-ASP102 FOR TRANSIT PROGRAM

EXISTING BUS TRANSIT CENTER

E G STREET

PLAZA

POTENTIAL CONSTRUCTION STAGING*

MCKINLEY AVENUE

PARATRANSIT

PUBLIC/ EMERGENCY STAIR TO MEZZANINE

OPTIONAL PEDESTRIAN BRIDGE

PICK-UP / DROP-OFF

ENTRY

MEZZANINE

BIKE PARKING

PLAZA

EMERGENCY STAIR OVER STREET TO MEZZANINE

ELEVATED GUIDEWAY

E 25TH STREET (REMAINS OPEN UNDER STATION)

FREIGHTHOUSE SQUARE

ENTRY

TACOMA LINK OPERATIONS AND MAINTENANCE FACILITY

SOUNDER/AMTRAK

TPSS

UP/DOWN ESCALATORS

ELEVATOR

PLAZA

SEE F00-ASP102 FOR TRANSIT PROGRAM

SEE F00-ASP102 FOR TRANSIT PROGRAM

E 26TH STREET

E 26TH STREET

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see track plan and profile drawings

0 50' 100'

N

SOUNDTRANSIT

SCHARRERAD

TACOMA 25TH STREET - EAST ALTERNATIVE
TACOMA 25TH STREET EAST STATION
SITE PLAN

FA-ASP101
105

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

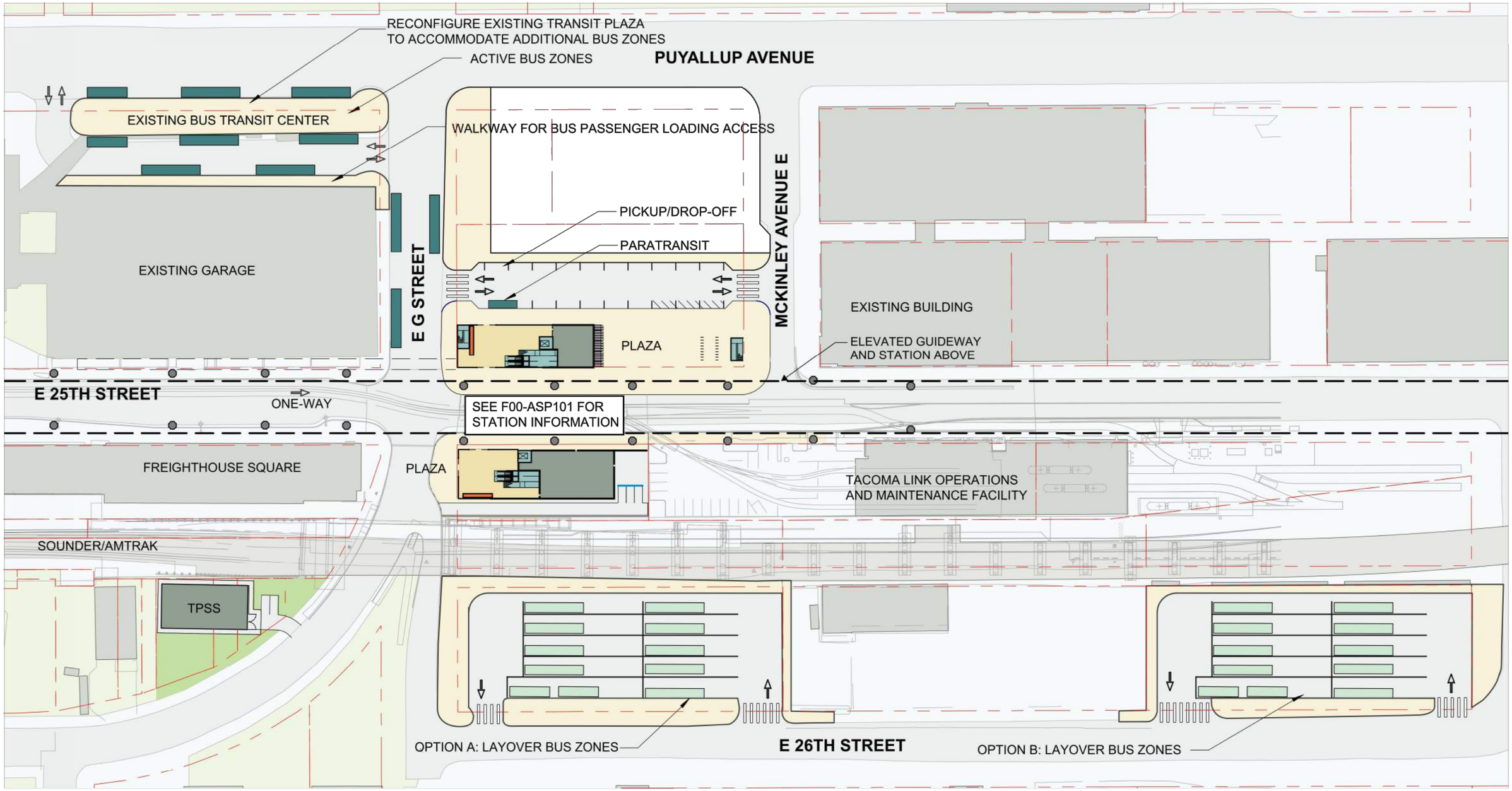

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 50' 100'

N

SOUNDTRANSIT

SCHARRERAD

TACOMA 25TH STREET - EAST ALTERNATIVE
TACOMA 25TH STREET EAST STATION
SITE PLAN - TRANSIT INTEGRATION

FA-ASP102
106

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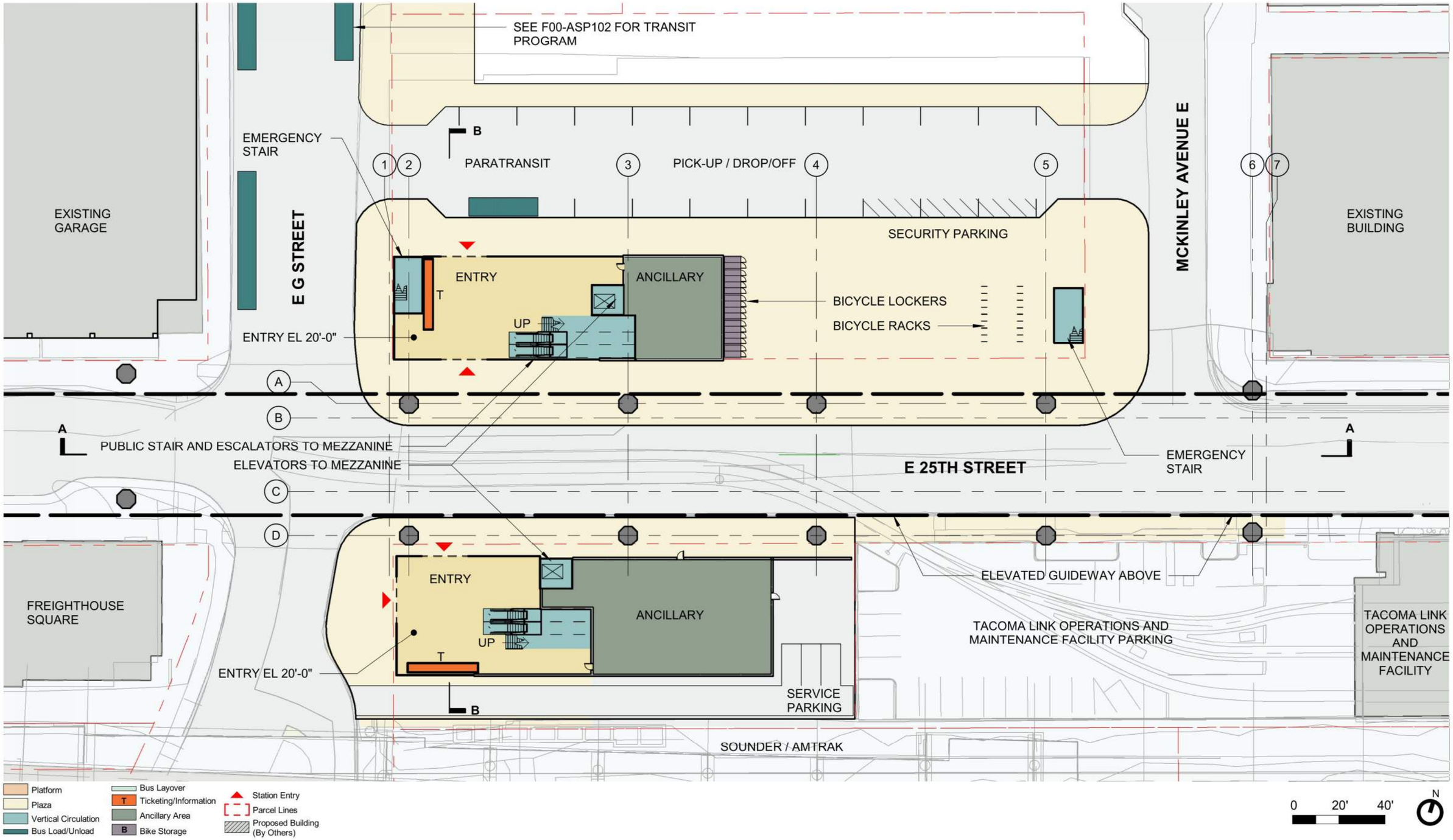

SOUNDTRANSIT

SCHARRERAD

TACOMA 25TH STREET - EAST ALTERNATIVE
TACOMA 25TH STREET EAST STATION
PLAZA LEVEL PLAN

FA-APP101
107

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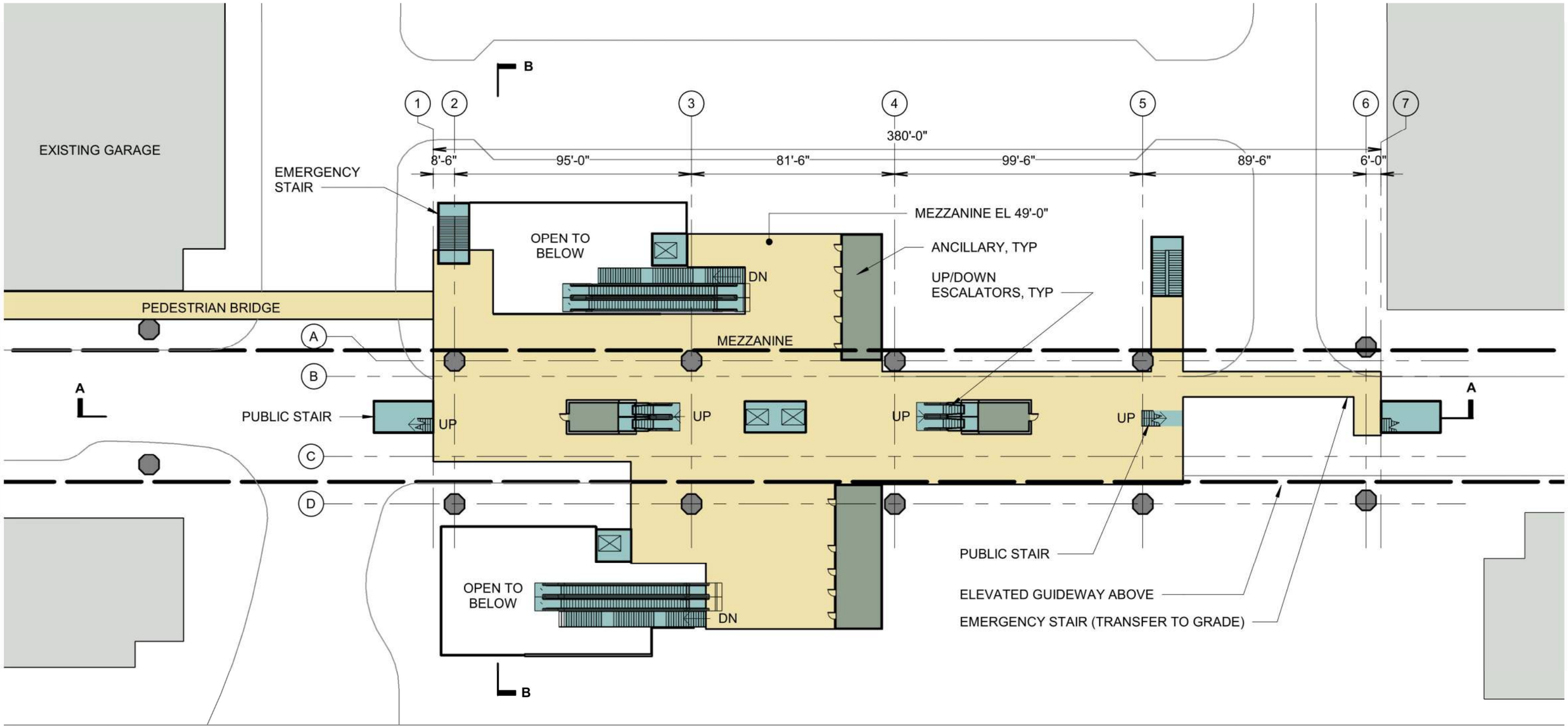

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

SCHARRERAD

TACOMA 25TH STREET - EAST ALTERNATIVE
TACOMA 25TH STREET EAST STATION
MEZZANINE LEVEL PLAN

FA-APP102
108

12/18/2020 6:19:43 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

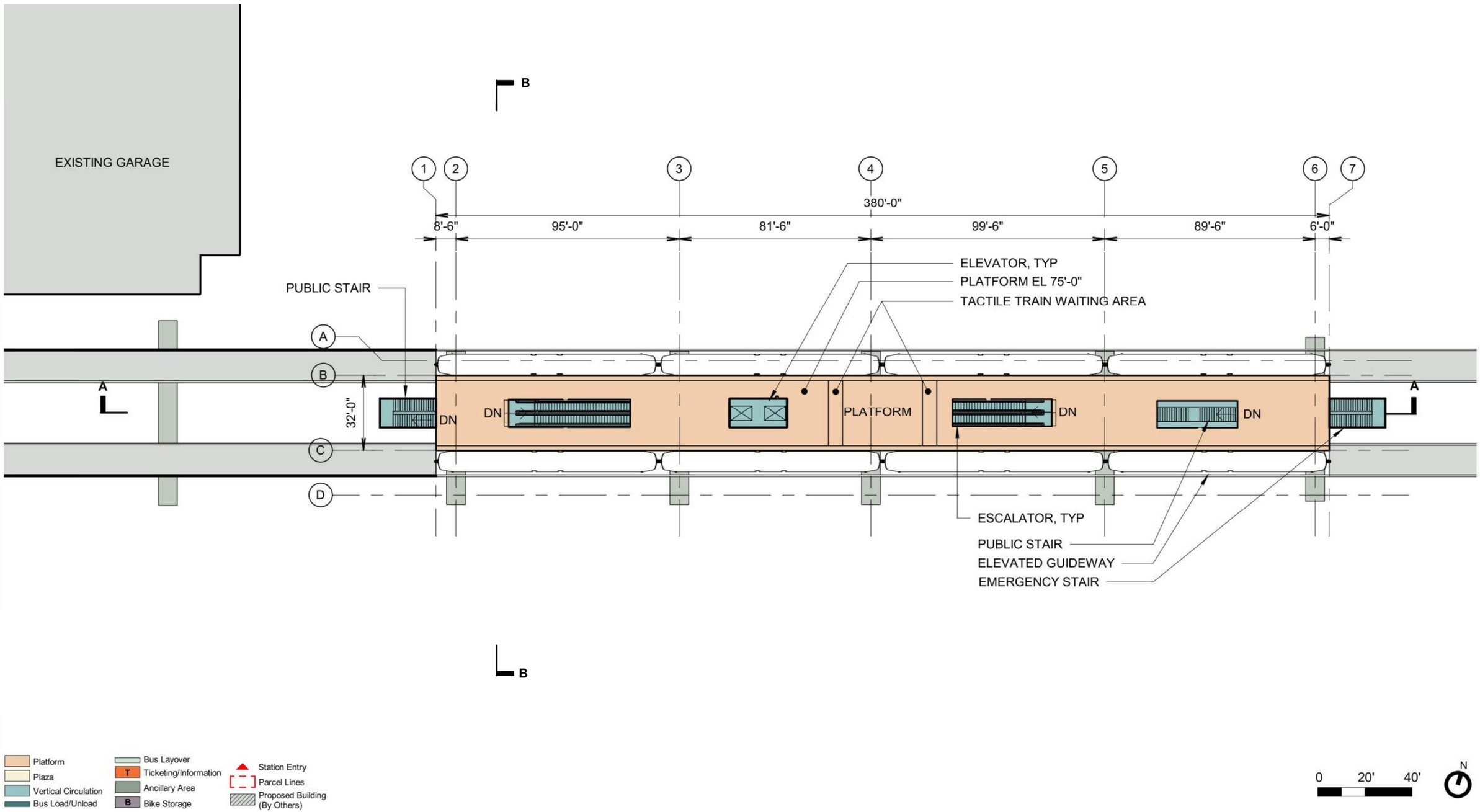

SOUNDTRANSIT

SCHARRERAD

TACOMA 25TH STREET - EAST ALTERNATIVE
TACOMA 25TH STREET EAST STATION
PLATFORM LEVEL PLAN

FA-APP103
109

12/18/2020 6:19:45 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

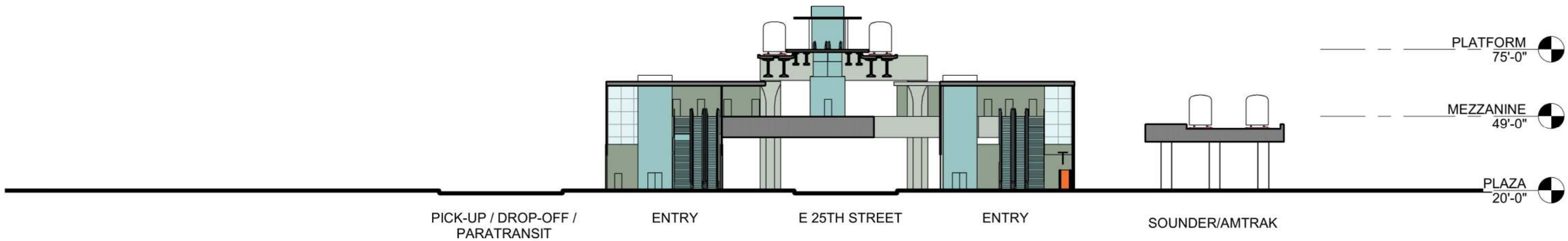

SECTION B

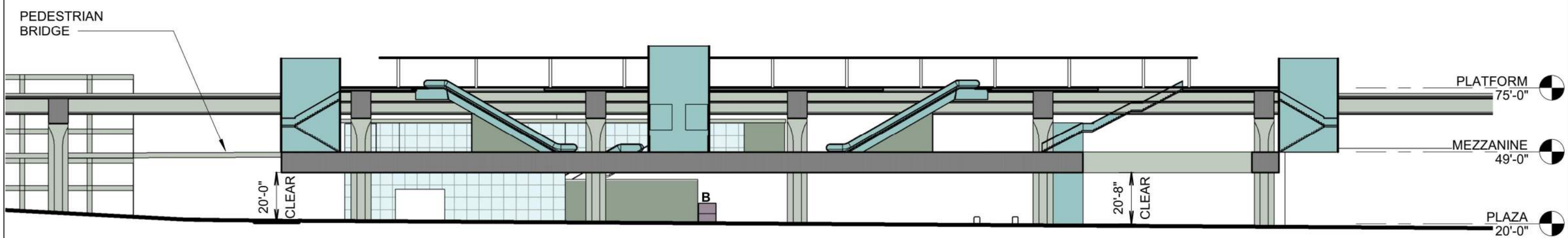

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

TACOMA 25TH STREET - EAST ALTERNATIVE
TACOMA 25TH STREET EAST STATION
SECTIONS

FA-ASX101
110

12/18/2020 6:19:48 AM
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

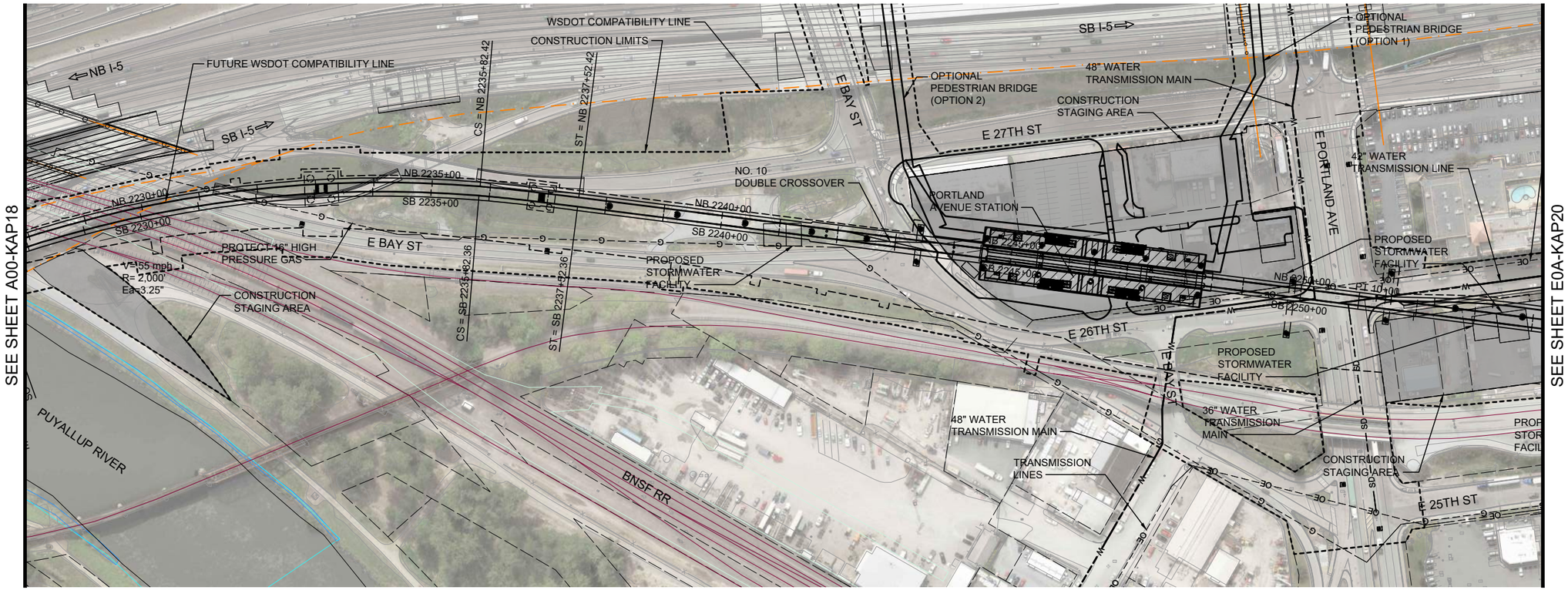

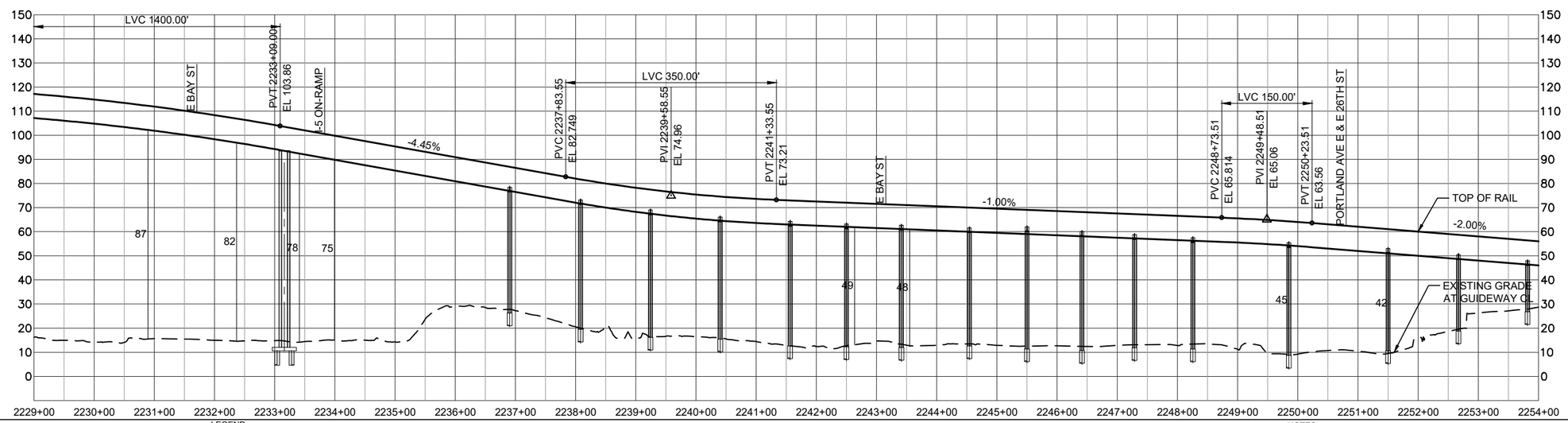

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2229+00 TO STA 2254+00

E0A-KAP19

10/17/2024 11:15:15 AM MLARSON
C:\PWWORKING\WEST01\D2860016\E0A-KAP17.DWG

SOUND TRANSIT TACOMA DOME LINK EXTENSION

SEE SHEET E0A-KAP19

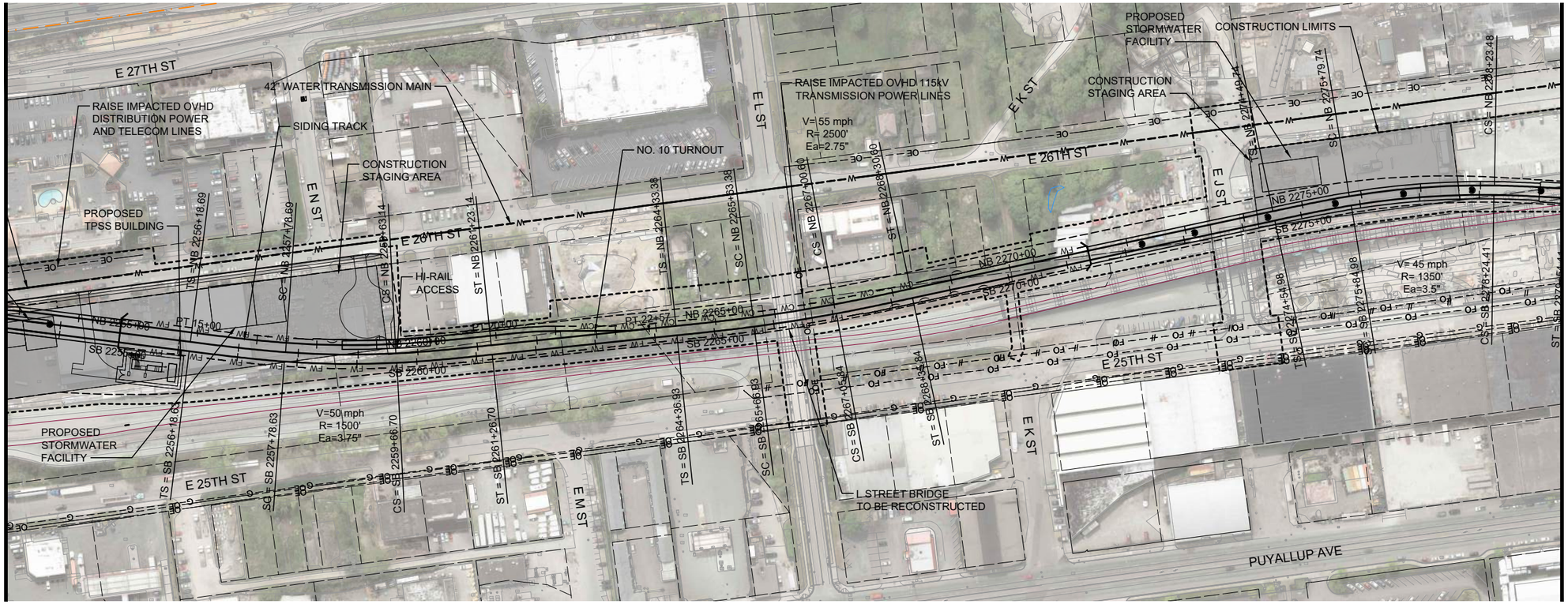

SEE SHEET E0A-KAP21

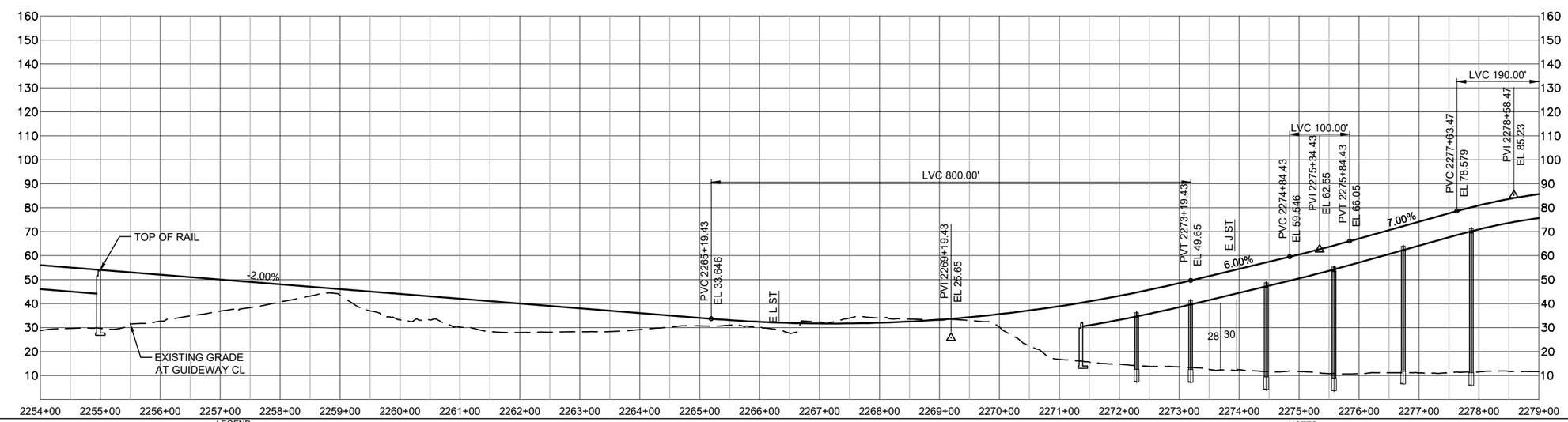

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2254+00 TO STA 2279+00

10/17/2024 11:16:41 AM
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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

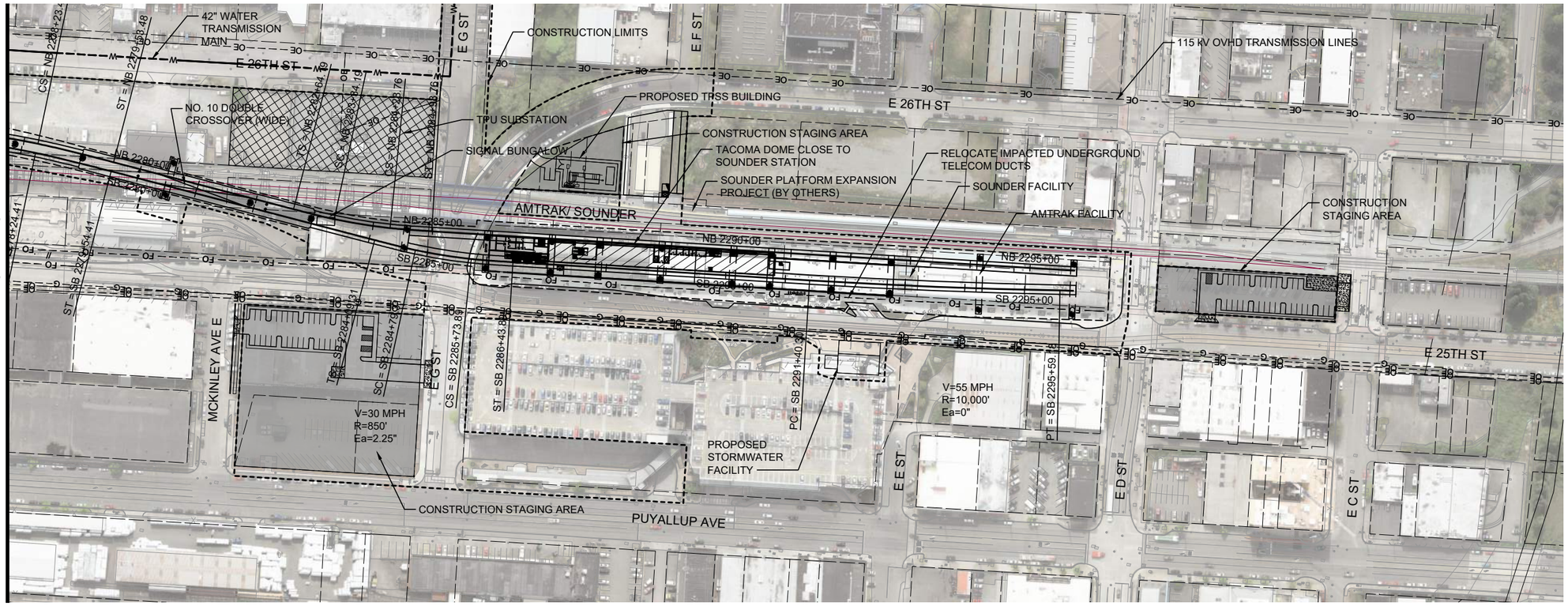

SEE SHEET E0A-AP20

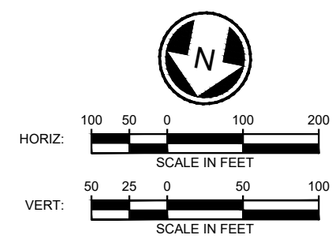

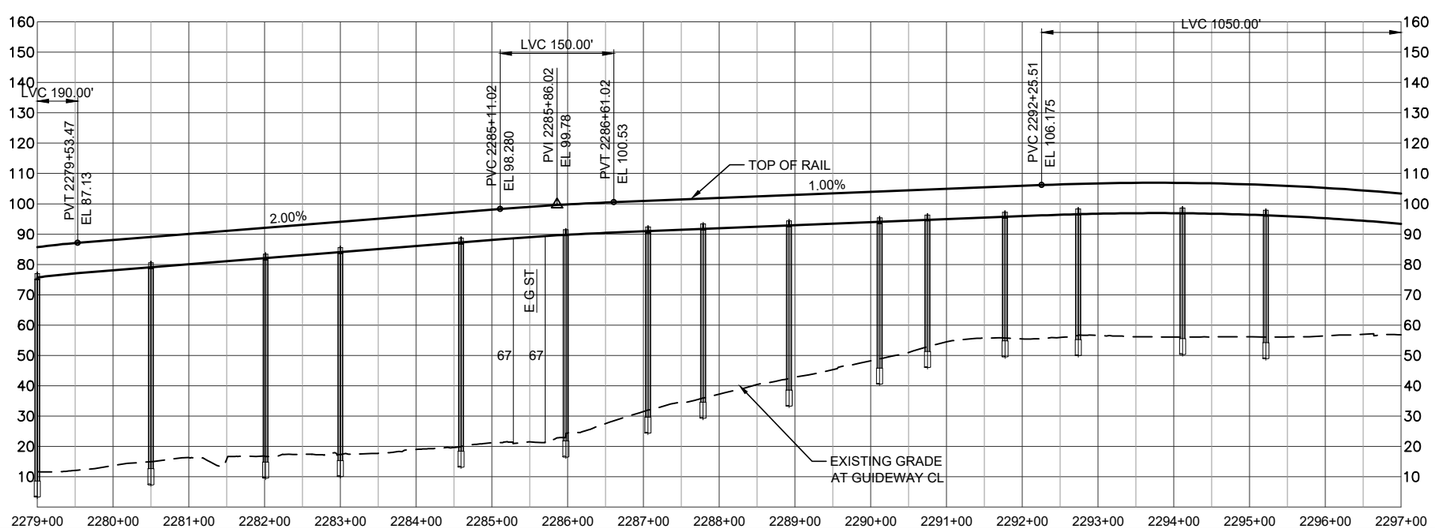

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT

HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2279+00 TO STA 2295+59.18

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

10/17/2024 11:18:03 AM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

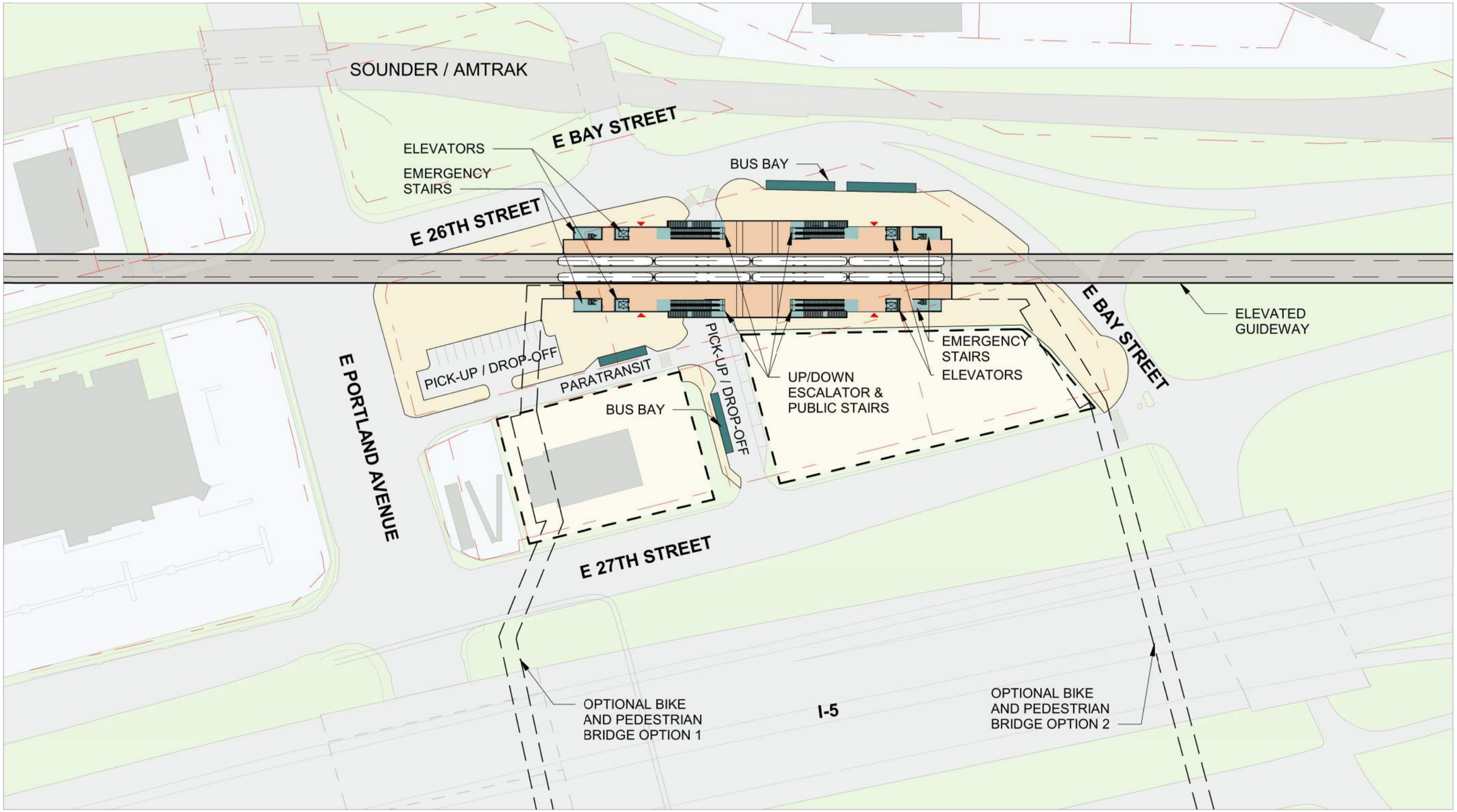

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 50' 100'

N

SOUNDTRANSIT HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
PORTLAND AVENUE STATION
SITE PLAN

E0A-ASP101
115

12/18/2020 6:35:20 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER / AMTRAK
E BAY STREET
E 26TH STREET
E BAY STREET
BUS BAYS
BIKE RACKS
BIKE LOCKERS
ENTRY EL 13'-6"
ELEVATOR
EMERGENCY STAIR
UP/DOWN ESCALATOR & PUBLIC STAIR
ANCILLARY
SECURITY PARKING
SERVICE PARKING
ELEVATED GUIDEWAY, ABOVE
PICK-UP / DROP-OFF
PARATRANSIT BUS BAY
POTENTIAL CONSTRUCTION STAGING

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
PORTLAND AVENUE STATION
PLAZA LEVEL PLAN

E0A-APP101
116

12/18/2020 6:35:24 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

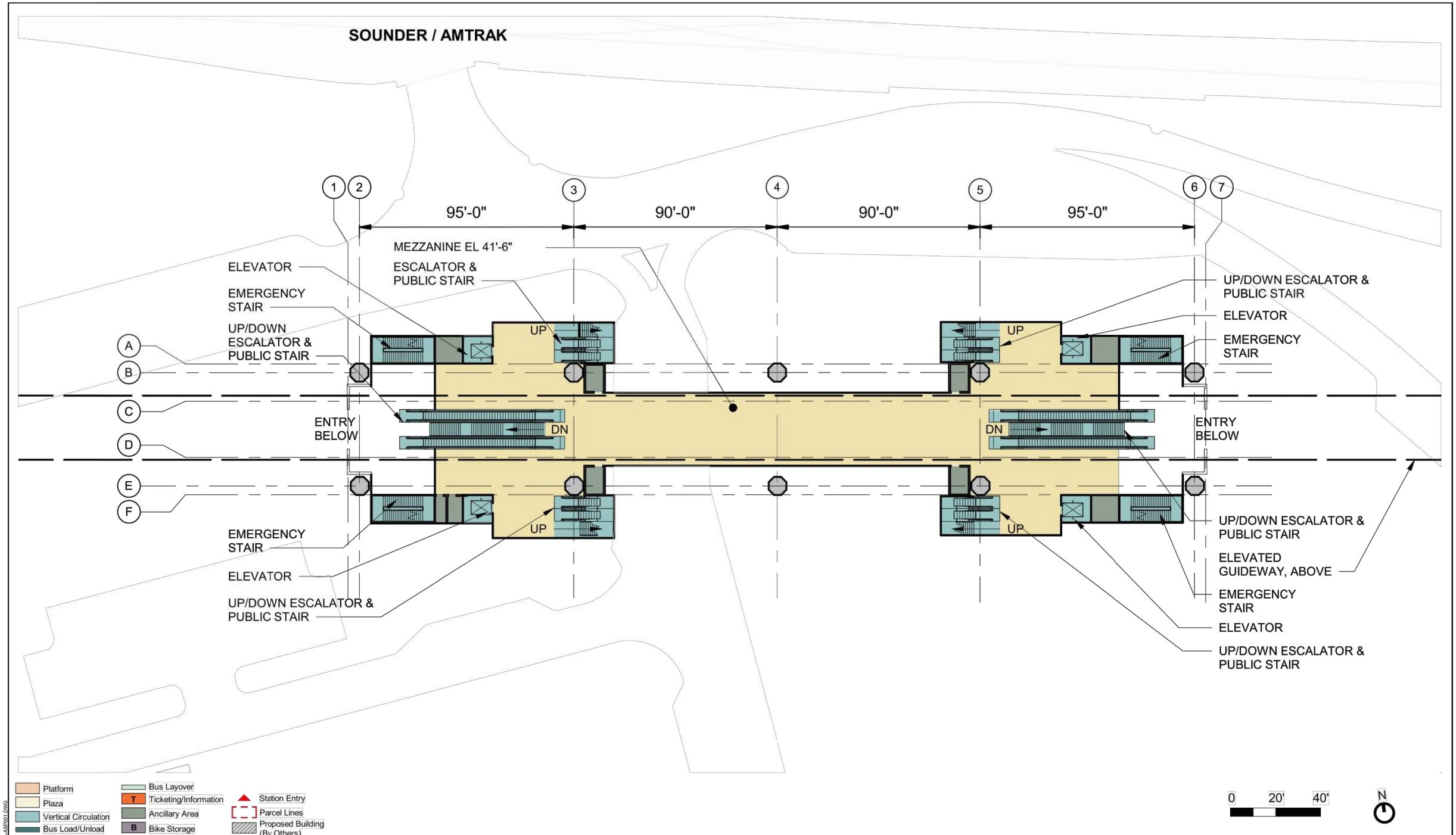

SOUNDTRANSIT HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
PORTLAND AVENUE STATION
MEZZANINE LEVEL PLAN

E0A-APP102
117

12/18/2020 6:35:27 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

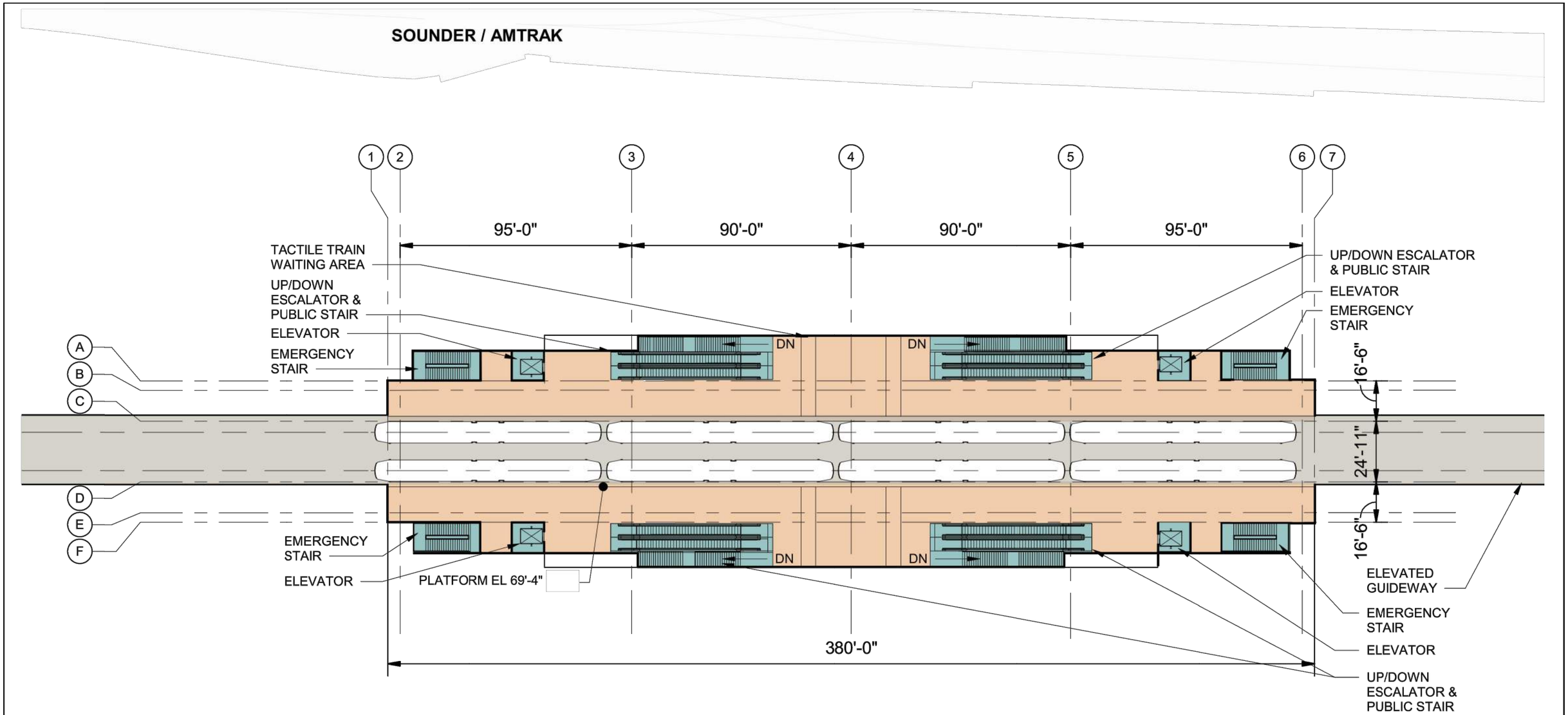

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
PORTLAND AVENUE STATION
PLATFORM LEVEL PLAN

E0A-APP103
118

12/18/2020 6:38:30 AM
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

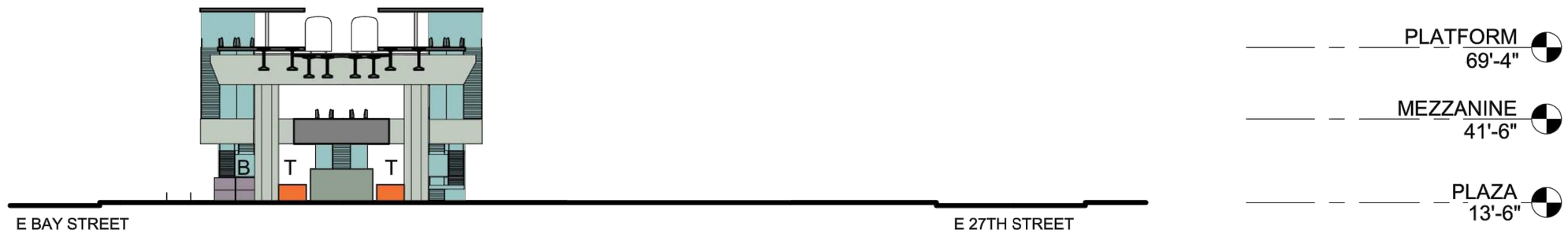

SECTION B

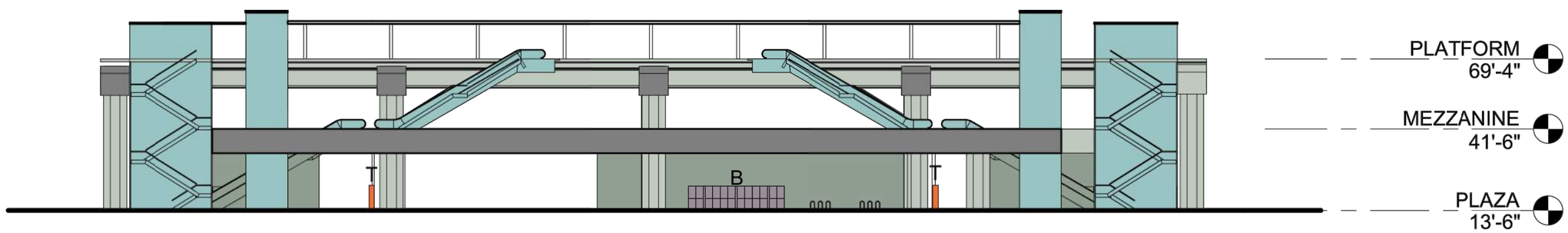

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUND TRANSIT HDR

TACOMA CLOSE TO SOUNDER ALTERNATIVE
PORTLAND AVENUE STATION
SECTIONS

E0A-ASX101
119

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

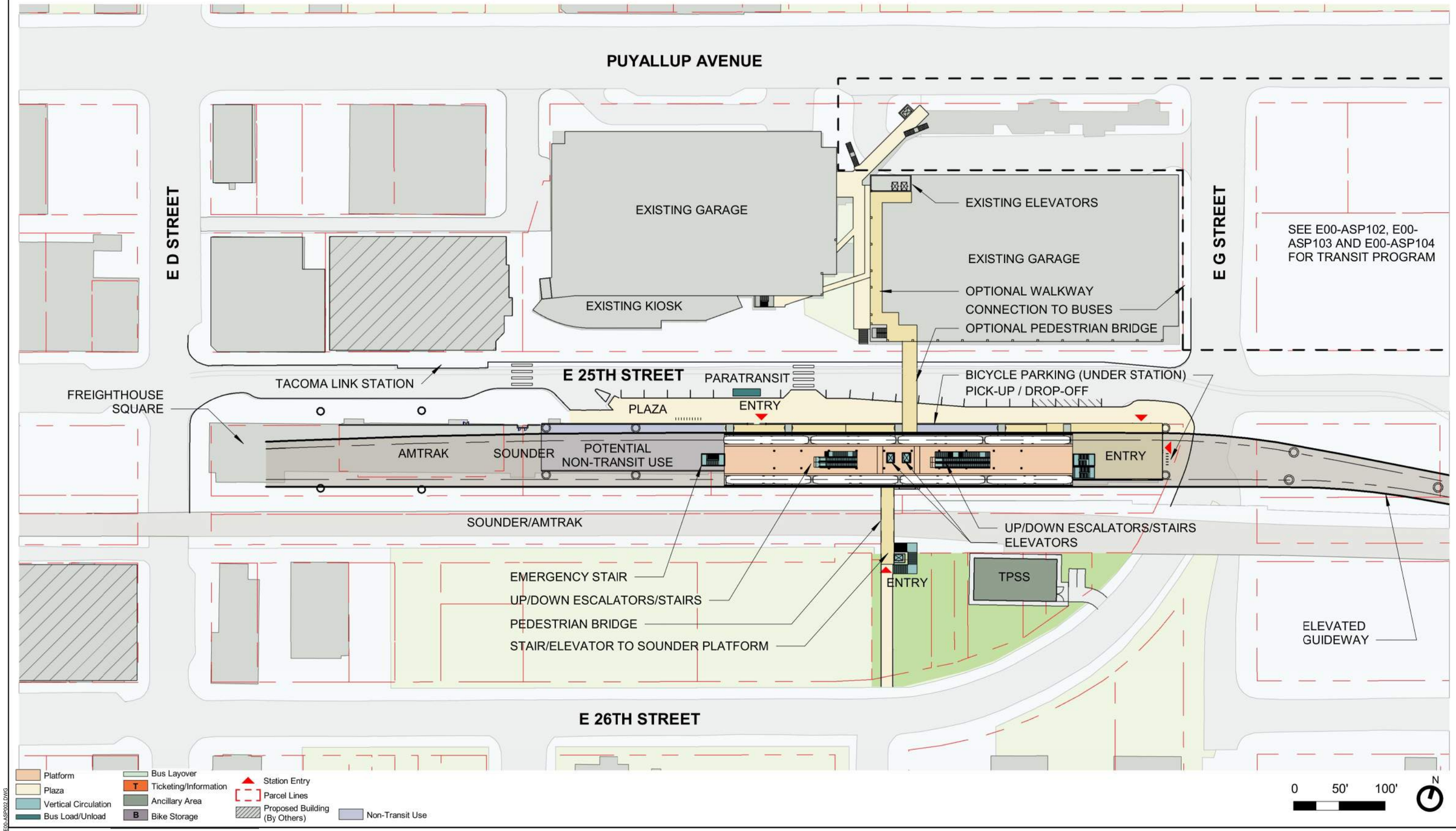

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
SITE PLAN

E00-ASP101
120

12/18/2020 6:34:40 AM
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CFOX

SOUND TRANSIT TACOMA DOME LINK EXTENSION

PUYALLUP AVENUE

LAYOVER BUS ZONES

EXISTING BUS TRANSIT CENTER

ACTIVE BUS ZONES

E E STREET

EXISTING GARAGE

ADDITIONAL MID-BLOCK CROSSING

EXISTING GARAGE

OPTIONAL PEDESTRIAN BRIDGE

PICKUP/DROP-OFF

E D STREET

E G STREET

PARATRANSIT

TACOMA LINK STATION

E 25TH STREET

ONE-WAY

ONE-WAY

SERVICE PARKING

PICKUP/DROP-OFF

FREIGHTHOUSE SQUARE

AMTRAK

SOUNDER

SEE E00-ASP101 FOR STATION INFORMATION

SOUNDER/AMTRAK

PEDESTRIAN BRIDGE

STAIR/ELEVATOR TO SOUNDER PLATFORM

TPSS

E 26TH STREET

E 26TH STREET

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)
Non-Transit Use

0 50' 100'

N

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
SITE PLAN - TRANSIT INTERGRATION

E00-ASP102
121

12/18/2020 6:34:44 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

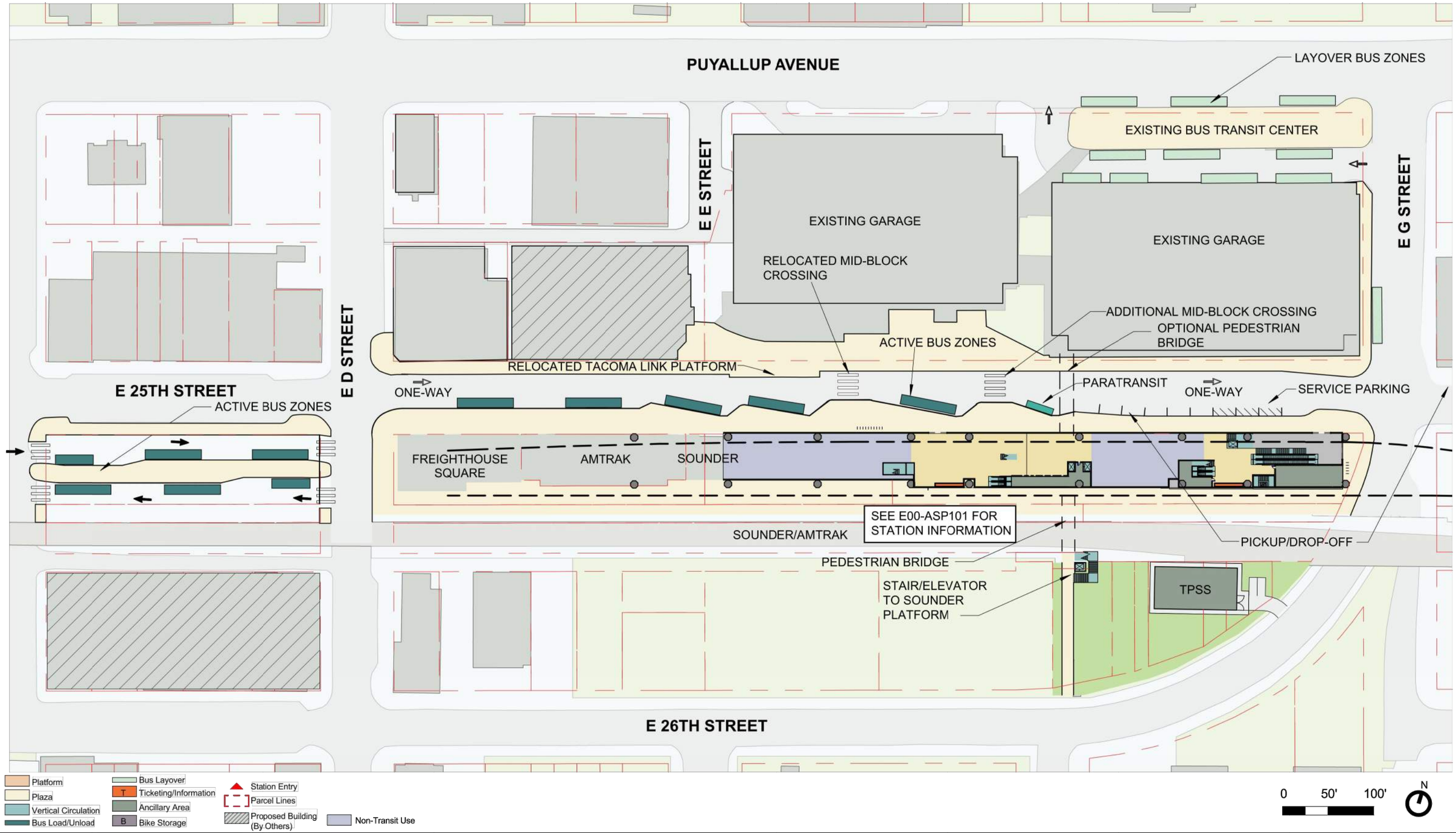

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
25TH STREET ONE-WAY OPTION SITE PLAN - TRANSIT INTERGRATION

E00-ASP103

12/18/2020 6:34:48 AM CFOX
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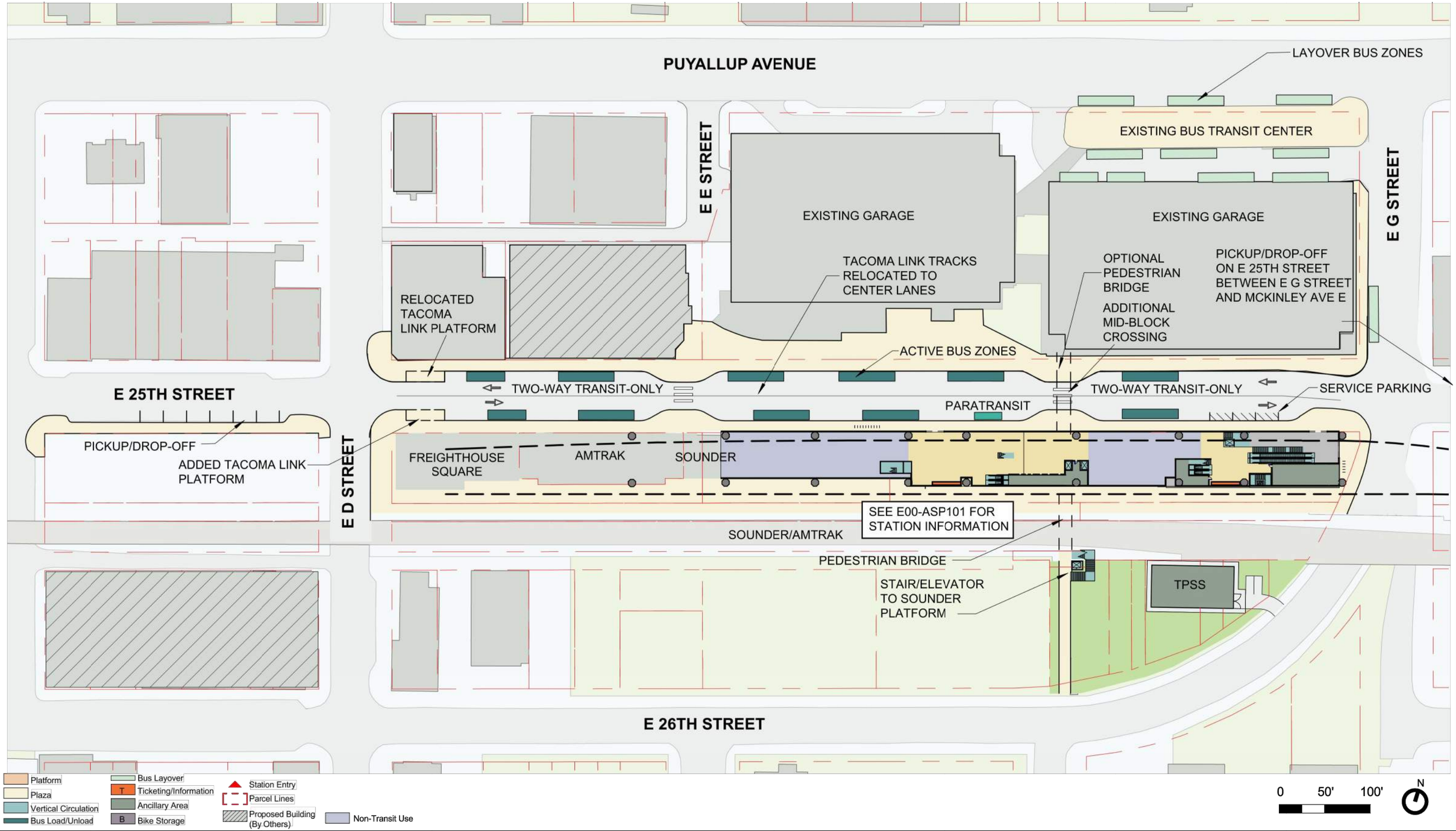

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
25TH STREET TWO-WAY ONLY OPTION SITE PLAN - TRANSIT INTERGRATION

E00-ASP104
123

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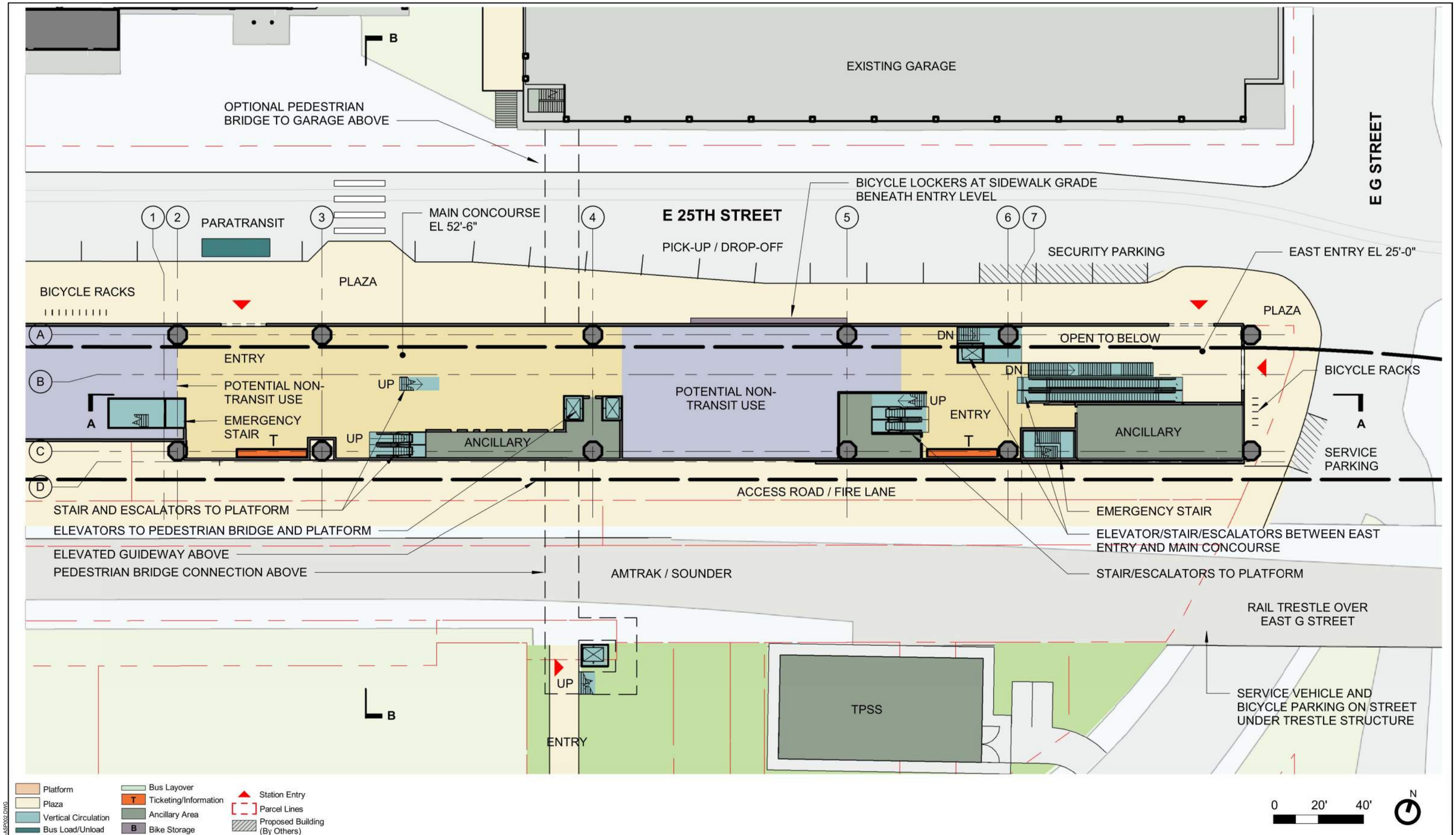

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
PLAZA LEVEL PLAN

E00-APP101
124

12/18/2020 6:34:56 AM
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CFOX

SOUND TRANSIT TACOMA DOME LINK EXTENSION

EXISTING GARAGE

B

EXISTING GARAGE

1 2 3 4 5 6 7

OPTIONAL PEDESTRIAN BRIDGE TO GARAGE

380'-0"

6'-0" 64'-0" 120'-0" 112'-7" 71'-5" 6'-0"

A B C D

A

EMERGENCY STAIR

DN MEZZANINE

UP

UP

DN

T

EMERGENCY STAIR

A

UP/DOWN ESCALATOR FROM MAIN CONCOURSE TO PLATFORM, TYP

ELEVATORS TO PLATFORM / MAIN CONCOURSE

MEZZANINE EL 80'-6"

ACCESS TO SOUNDER AND E 26TH STREET

ELEVATED GUIDEWAY ABOVE

AMTRAK / SOUNDER (BELOW)

PEDESTRIAN BRIDGE

DN

B

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)
Non-Transit Use

0 20' 40'

N

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
MEZZANINE LEVEL PLAN

E00-APP102
125

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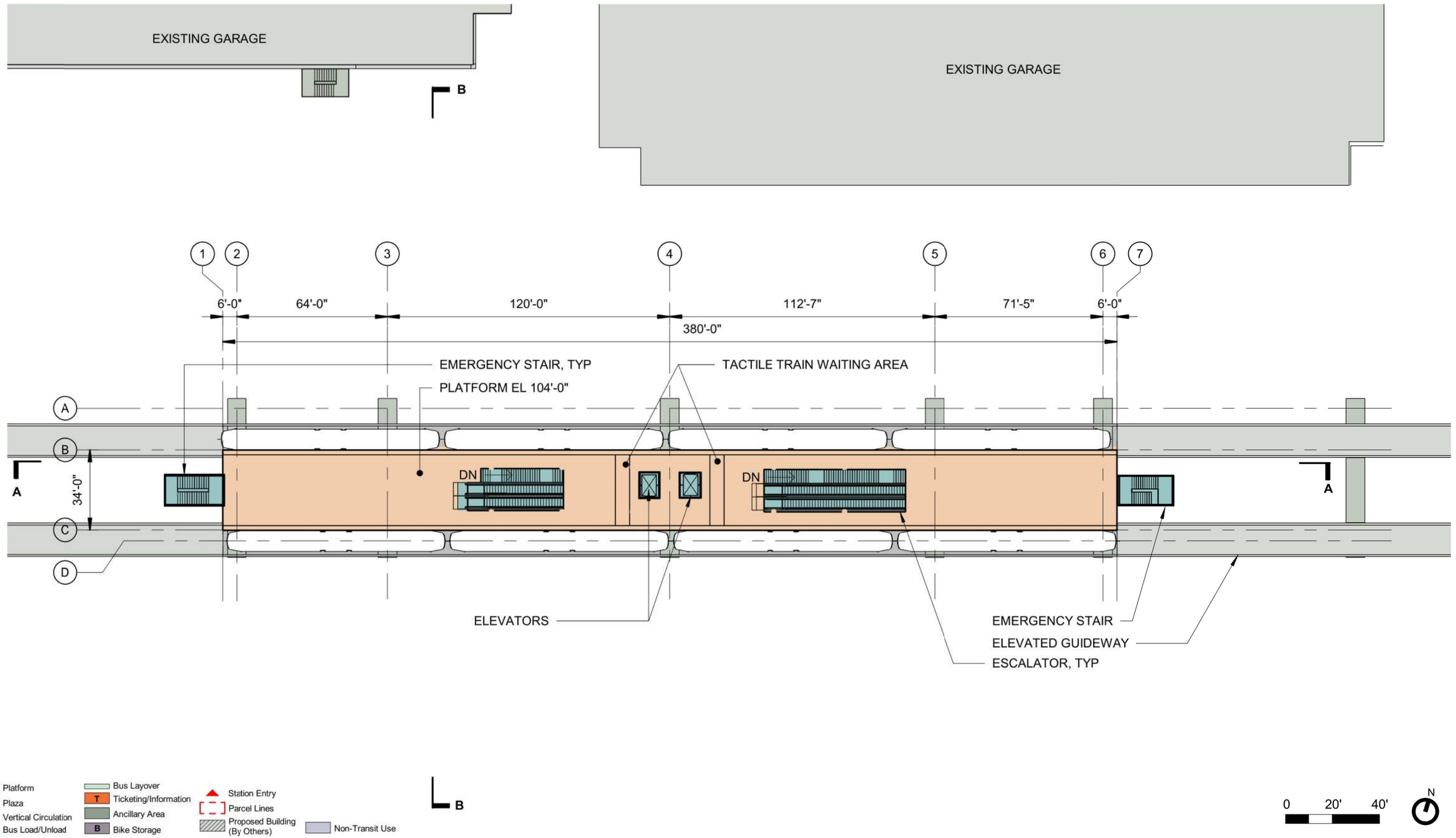

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
PLATFORM LEVEL PLAN

E00-APP103
126

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

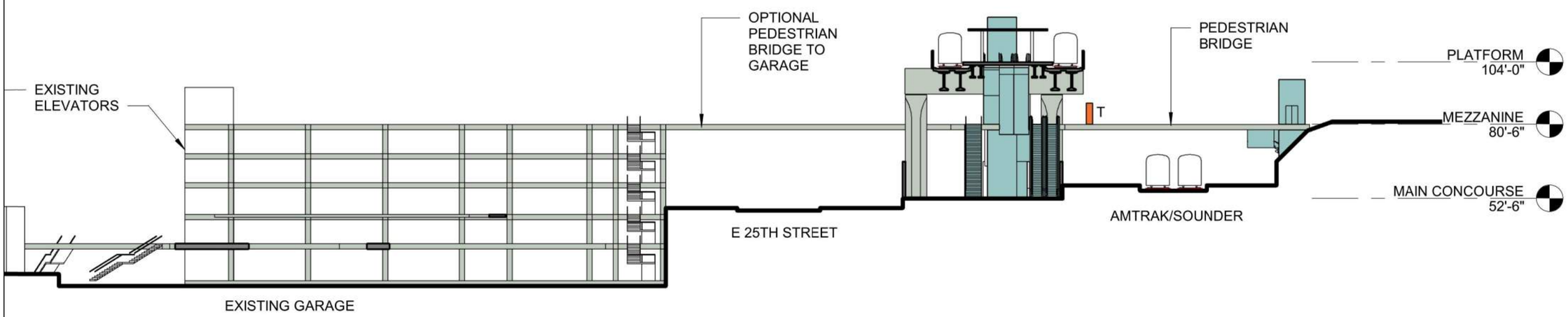

ION B

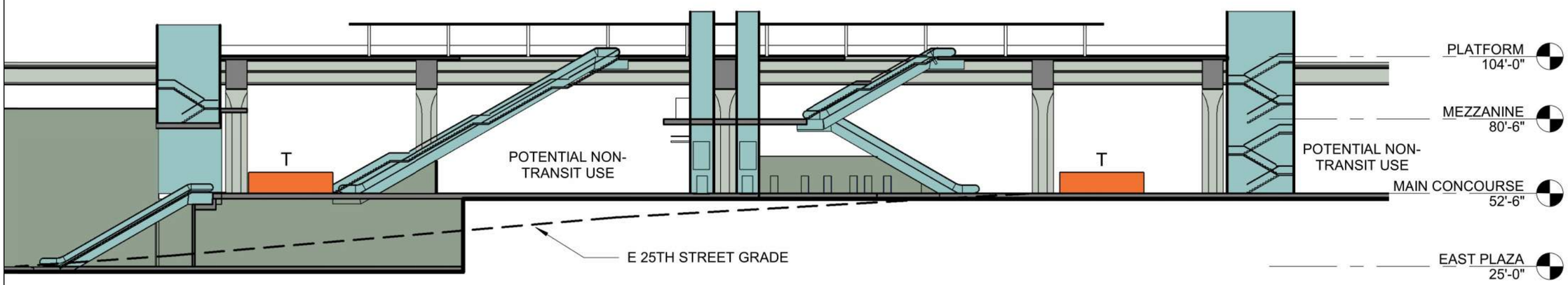

ION A

Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
SECTIONS

E00-ASX101
127

12/18/2020 8:35:07 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

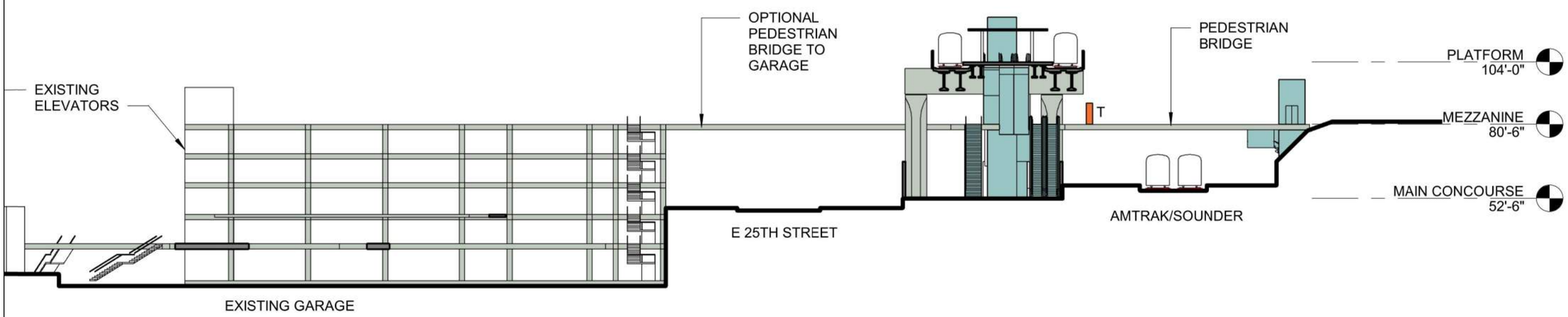

ION B

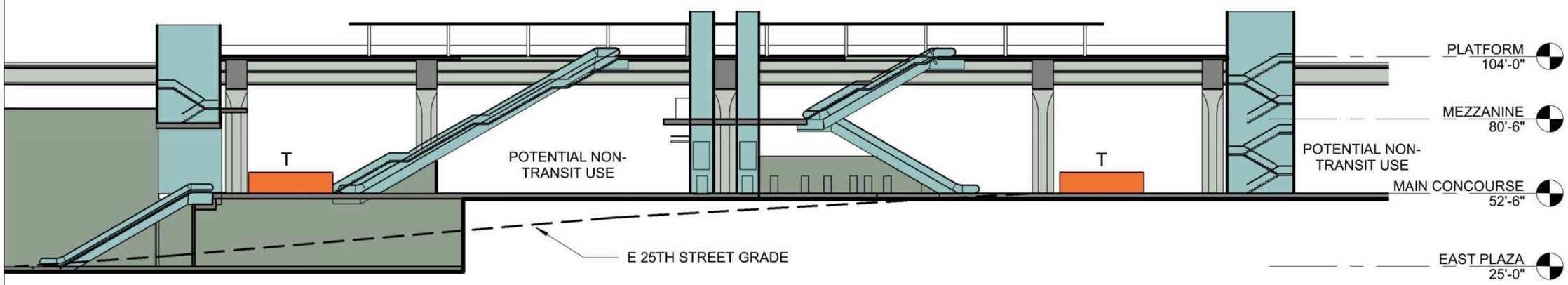

ION A

Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

TACOMA CLOSE TO SOUNDER ALTERNATIVE
TACOMA CLOSE TO SOUNDER STATION
SECTIONS

E00-ASX101
127

12/18/2020 8:35:07 AM CFOX
C:\PWWORKING\WEST01\D1286001\E00-ASP002.DWG

SOUND TRANSIT TACOMA DOME LINK EXTENSION

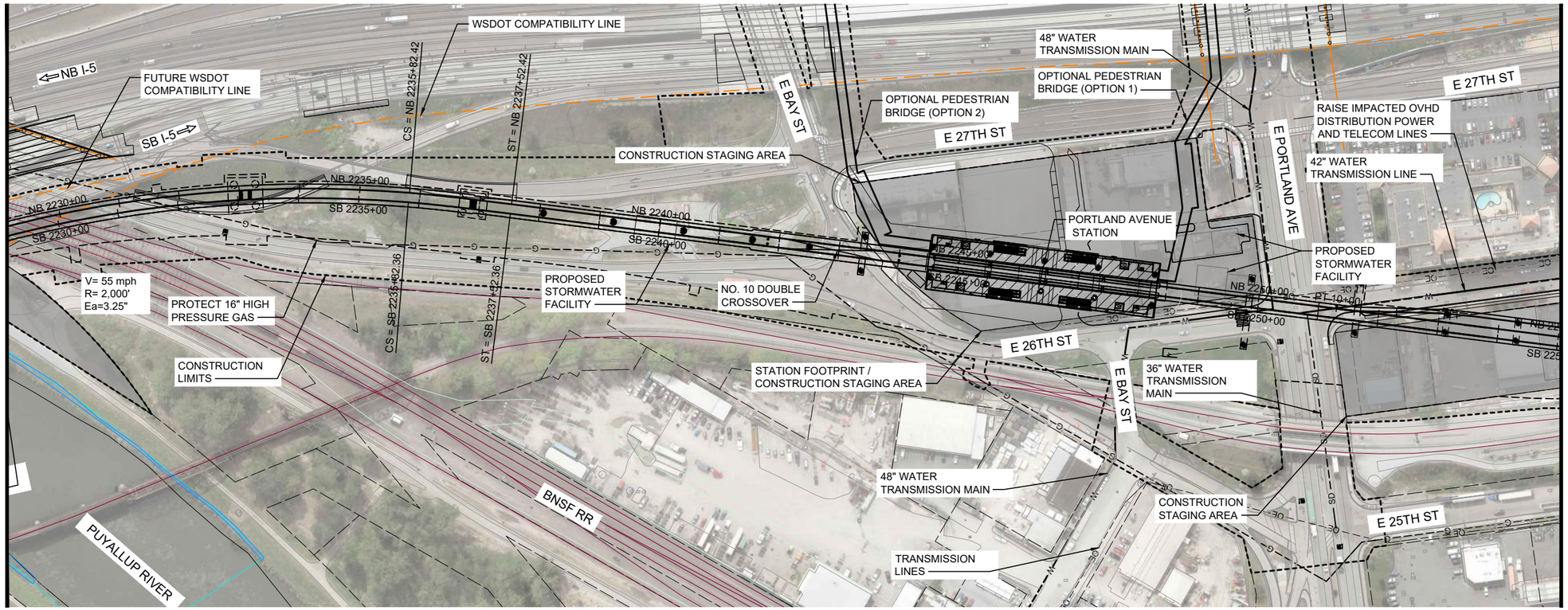

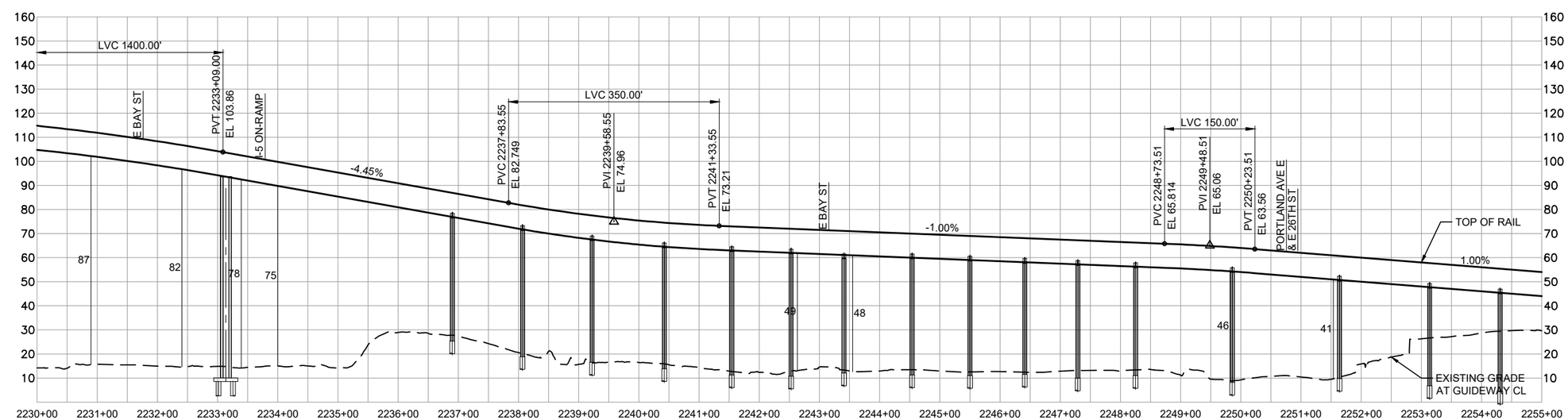

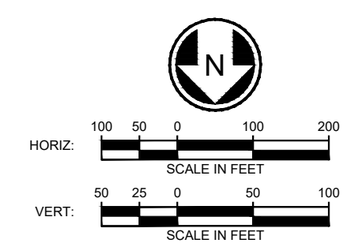

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2230+00 TO STA 2255+00

8/19/2024 3:16:39 PM
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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

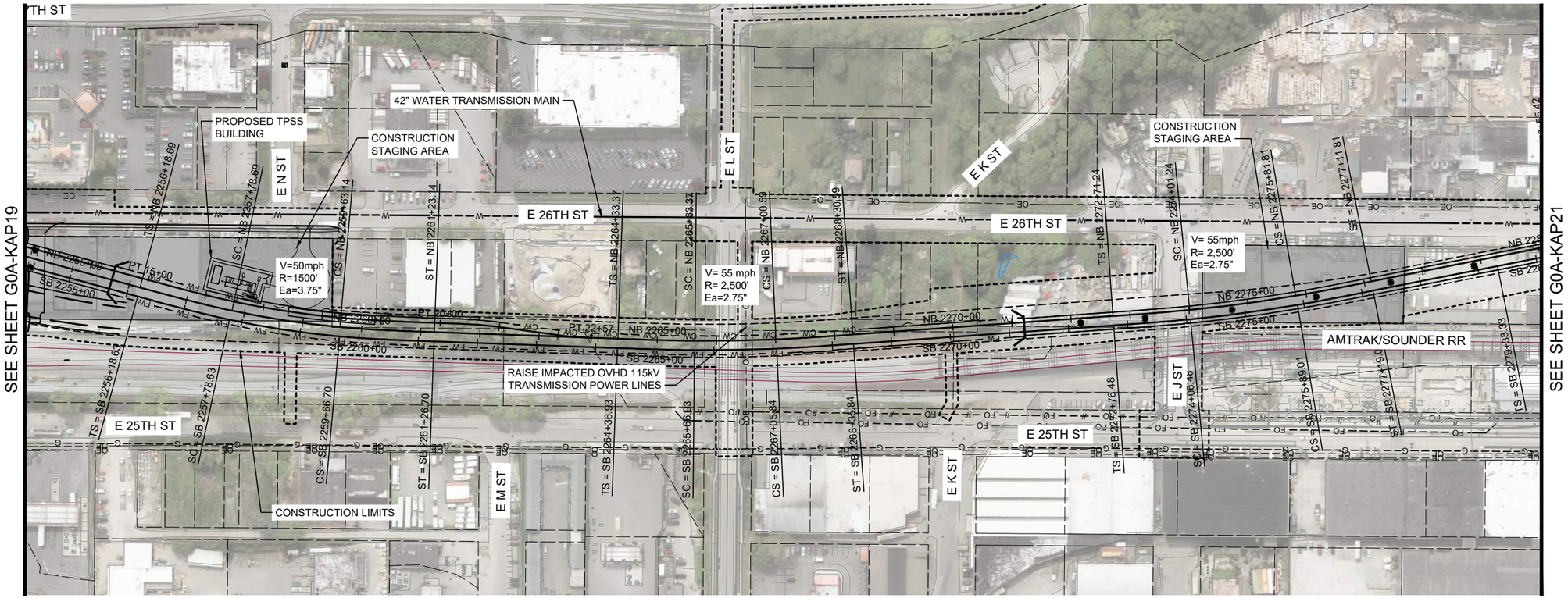

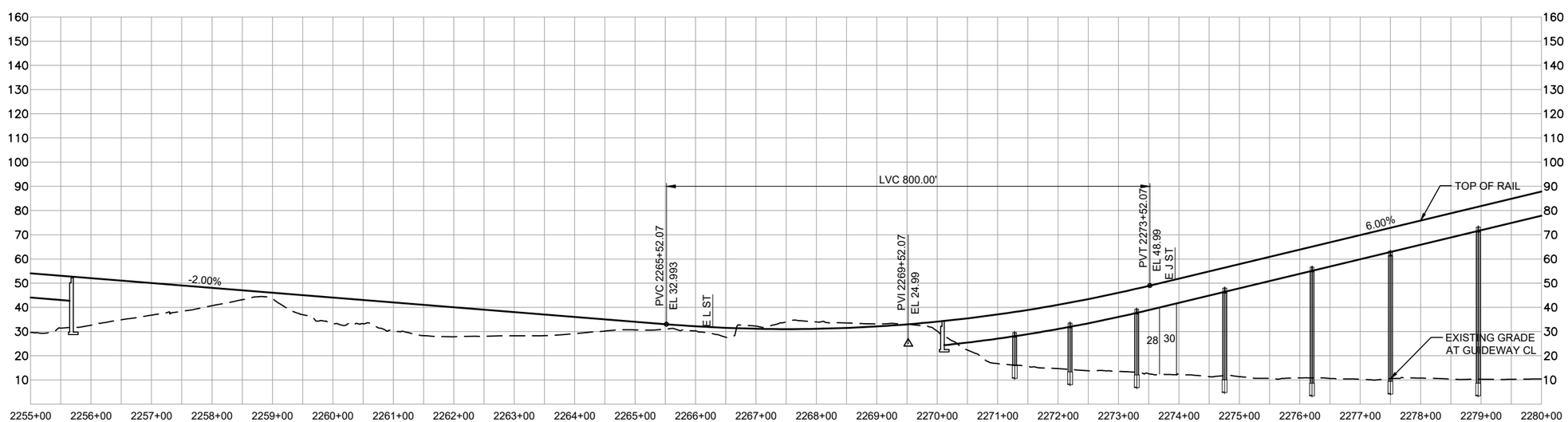

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

TACOMA 26TH STREET ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2255+00 TO STA 2280+00

G0A-KAP20

8/19/2024 3:16:47 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

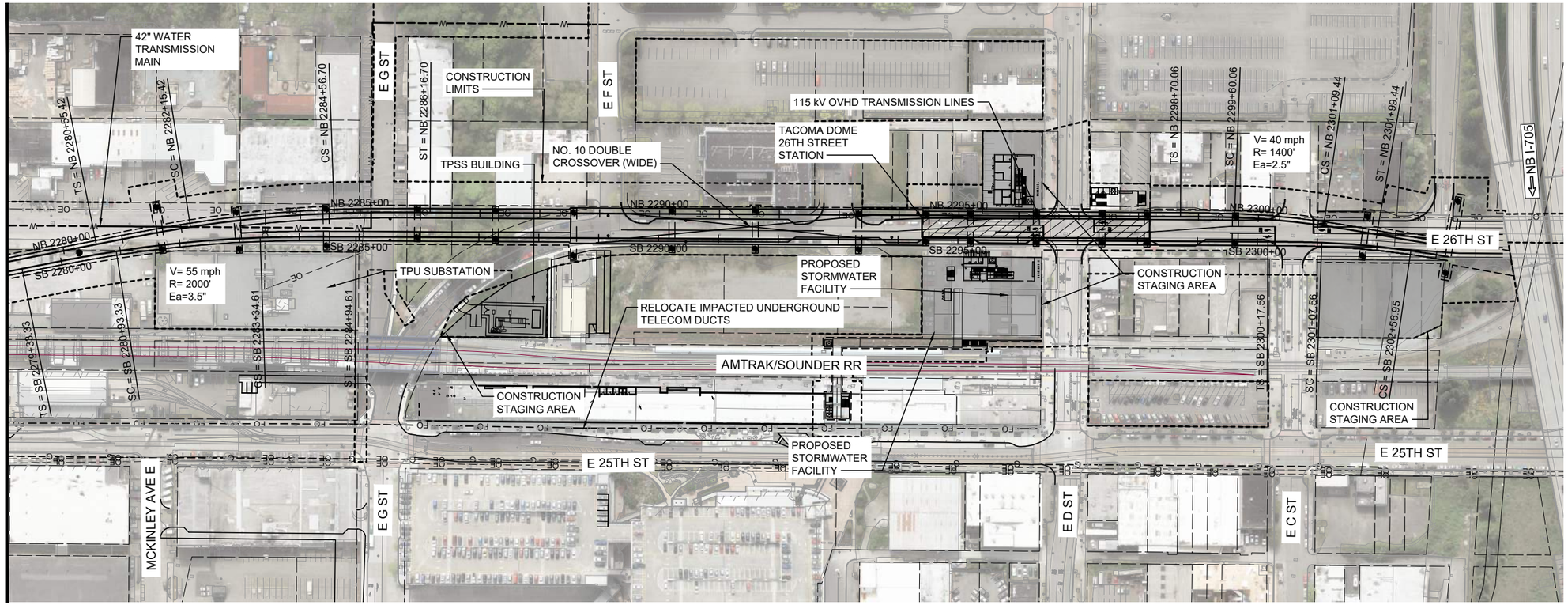

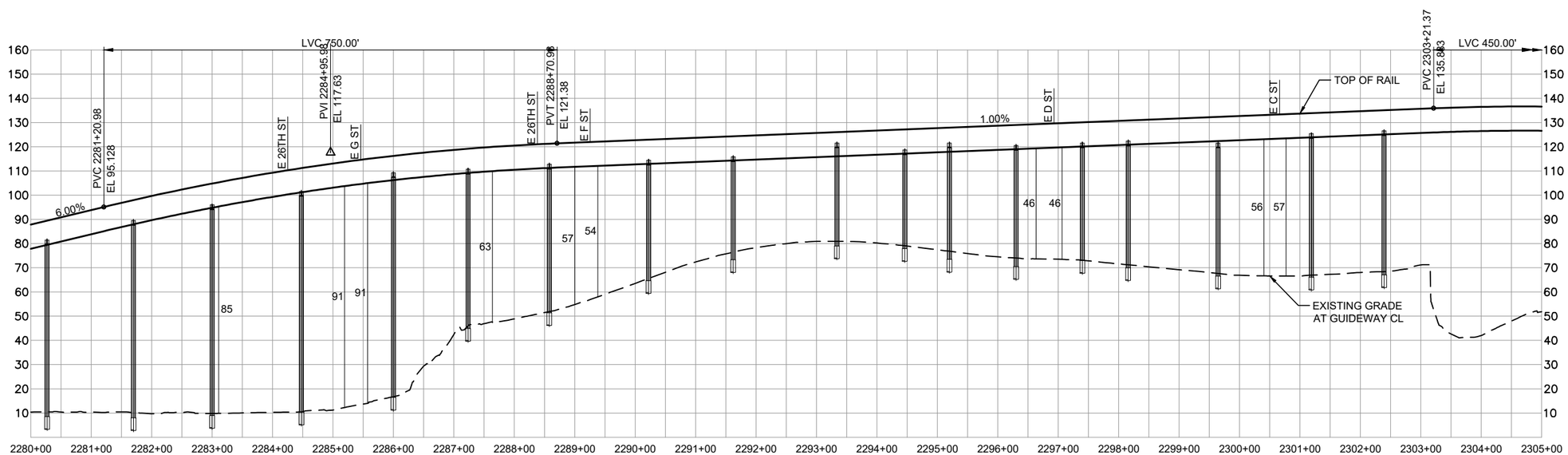

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
TRACK PLAN AND PROFILE
STA 2280+00 TO STA 2305+00

G0A-KAP21
130

8/19/2024 3:16:57 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

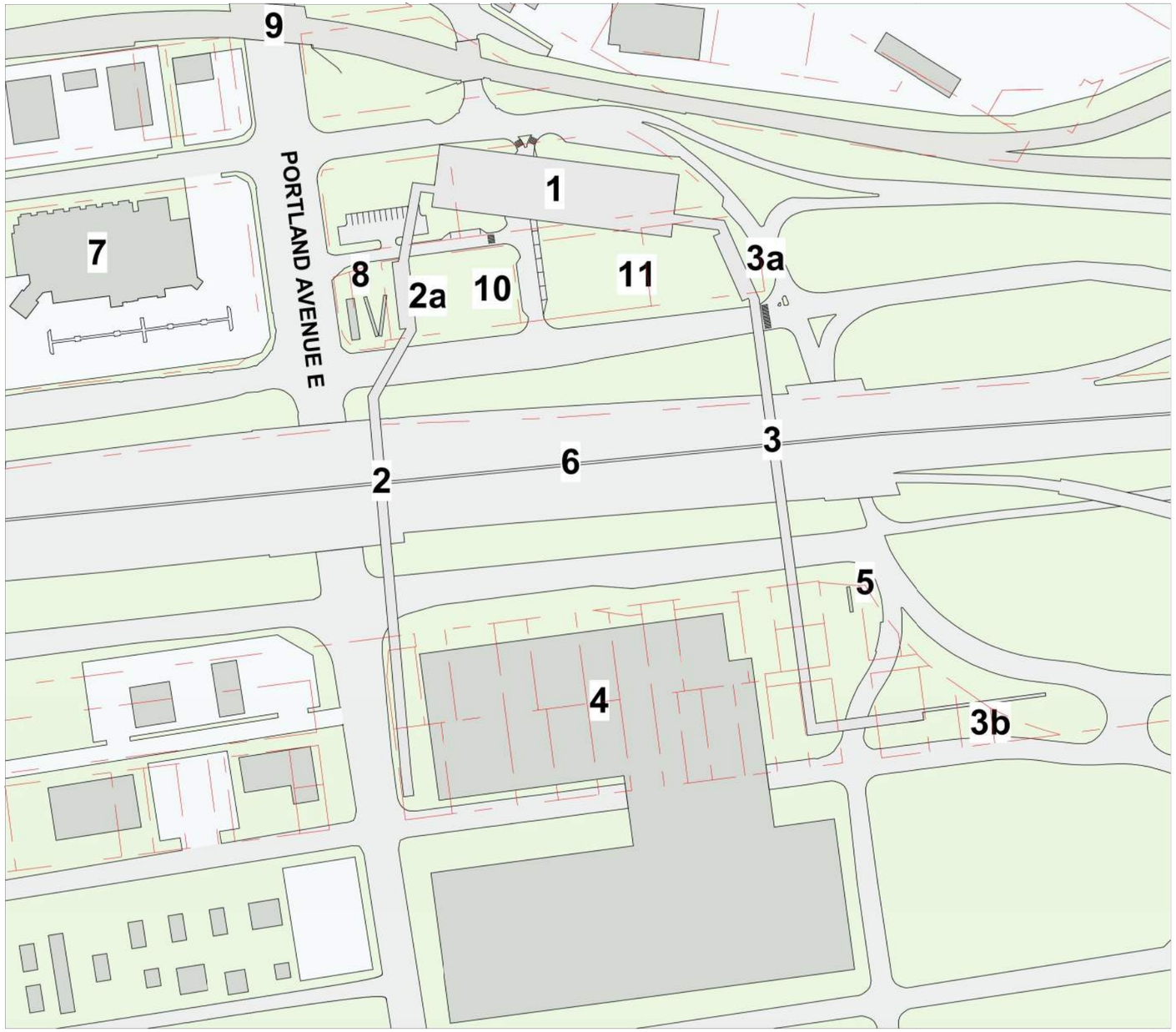

KEY

1. STATION
2. PED BRIDGE OPTION 01
2a. RAMP FOR PED BRIDGE OPTION 01
3. PED BRIDGE OPTION 02
3a. RAMP FOR PED BRIDGE OPTION 02
3b. RAMP FOR PED BRIDGE OPTION 02
4. EMERALD QUEEN CASINO
5. CASINO MONUMENT SIGN, 120'
6. I-5
7. LA QUINTA
8. WAR PONY BILLBOARD, 85'
9. SOUNDER/AMTRAK
10. POTENTIAL CONSTRUCTION STAGING 01
11. POTENTIAL CONSTRUCTION STAGING 02

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 100' 200'

N

12/18/2020 6:53:30 AM CFOX
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SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
PORTLAND AVENUE STATION
KEY PLAN

G0A-ASP100
131

SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER / AMTRAK

E BAY STREET

ELEVATORS

EMERGENCY STAIRS

BUS BAY

E 26TH STREET

ELEVATED GUIDEWAY

E BAY STREET

PICK-UP / DROP-OFF

PARATRANSIT

PICK-UP / DROP-OFF

UP/DOWN ESCALATOR & PUBLIC STAIRS

EMERGENCY STAIRS

ELEVATORS

PEDESTRIAN BRIDGE OPTION 2

BUS BAY

PEDESTRIAN BRIDGE OPTION 1

PORTLAND AVENUE E

E 27TH STREET

I-5

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 50' 100'

N

SOUNDTRANSIT

HDR

TACOMA 26TH STREET ALTERNATIVE
PORTLAND AVENUE STATION
SITE PLAN

G0A-ASP101
132

12/18/2020 6:53:33 AM
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CFOX

SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER / AMTRAK

E BAY STREET

E 26TH STREET

E BAY STREET

1 2 3 4 5 6 7

A B C D E F

BUS BAYS

BIKE RACKS

BIKE LOCKERS

B

ENTRY EL 13'-6"

ELEVATOR

EMERGENCY STAIR

UP/DOWN ESCALATOR & PUBLIC STAIR

UP

T

ANCILLARY

ELEVATOR

EMERGENCY STAIR

UP/DOWN ESCALATOR & PUBLIC STAIR

A

EMERGENCY STAIR

ELEVATOR

SECURITY PARKING

SERVICE PARKING

ELEVATED GUIDEWAY, ABOVE

EMERGENCY STAIR

ELEVATOR

ENTRY EL 13'-6"

PICK-UP / DROP-OFF

PARATRANSIT BUS BAY

POTENTIAL CONSTRUCTION STAGING

PICK-UP / DROP-OFF

POTENTIAL CONSTRUCTION STAGING

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
PORTLAND AVENUE STATION
PLAZA LEVEL PLAN

G0A-APP101
133

12/18/2020 6:53:36 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

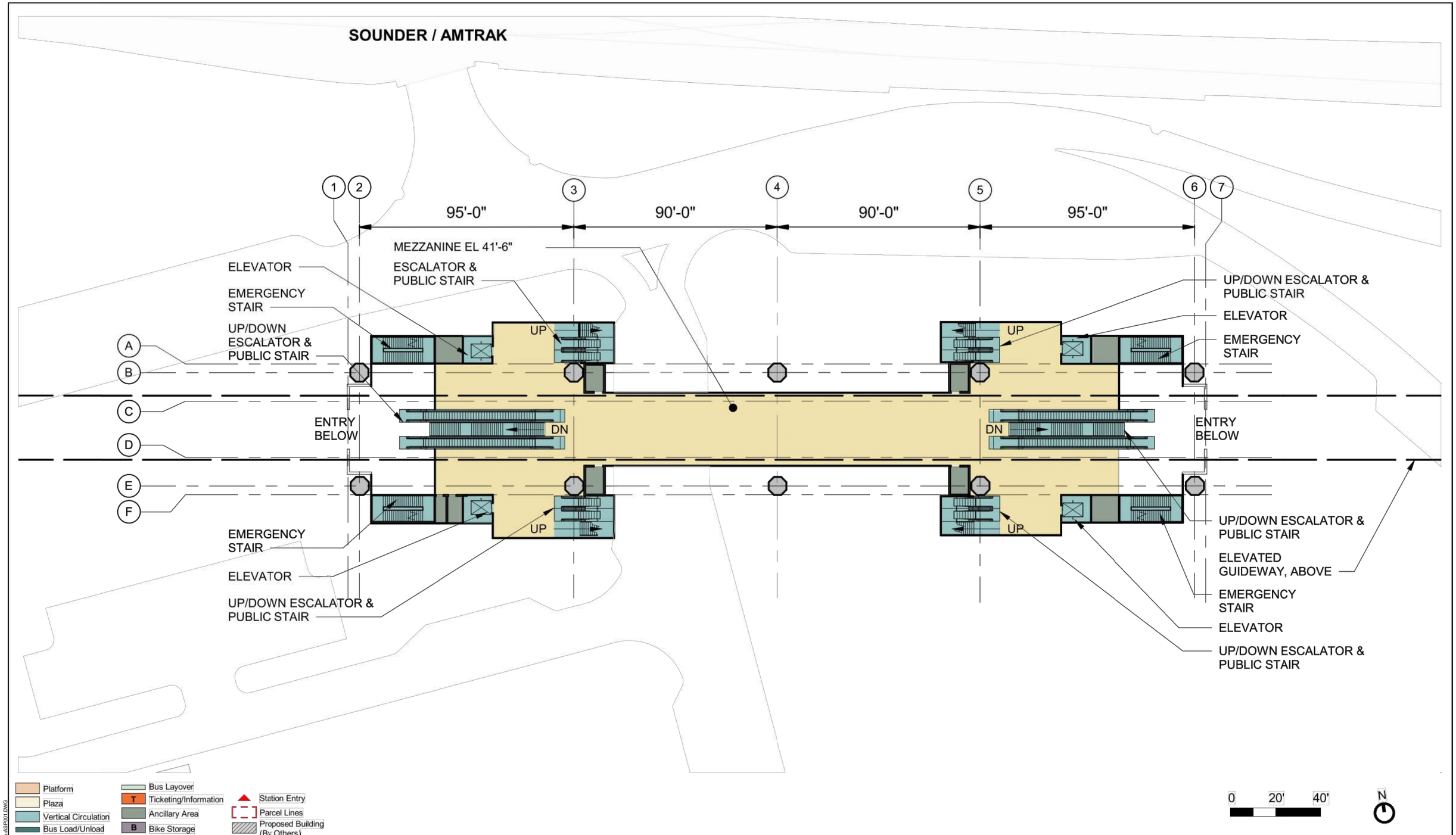

SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
PORTLAND AVENUE STATION
MEZZANINE LEVEL PLAN

G0A-APP102
134

12/18/2020 6:53:38 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

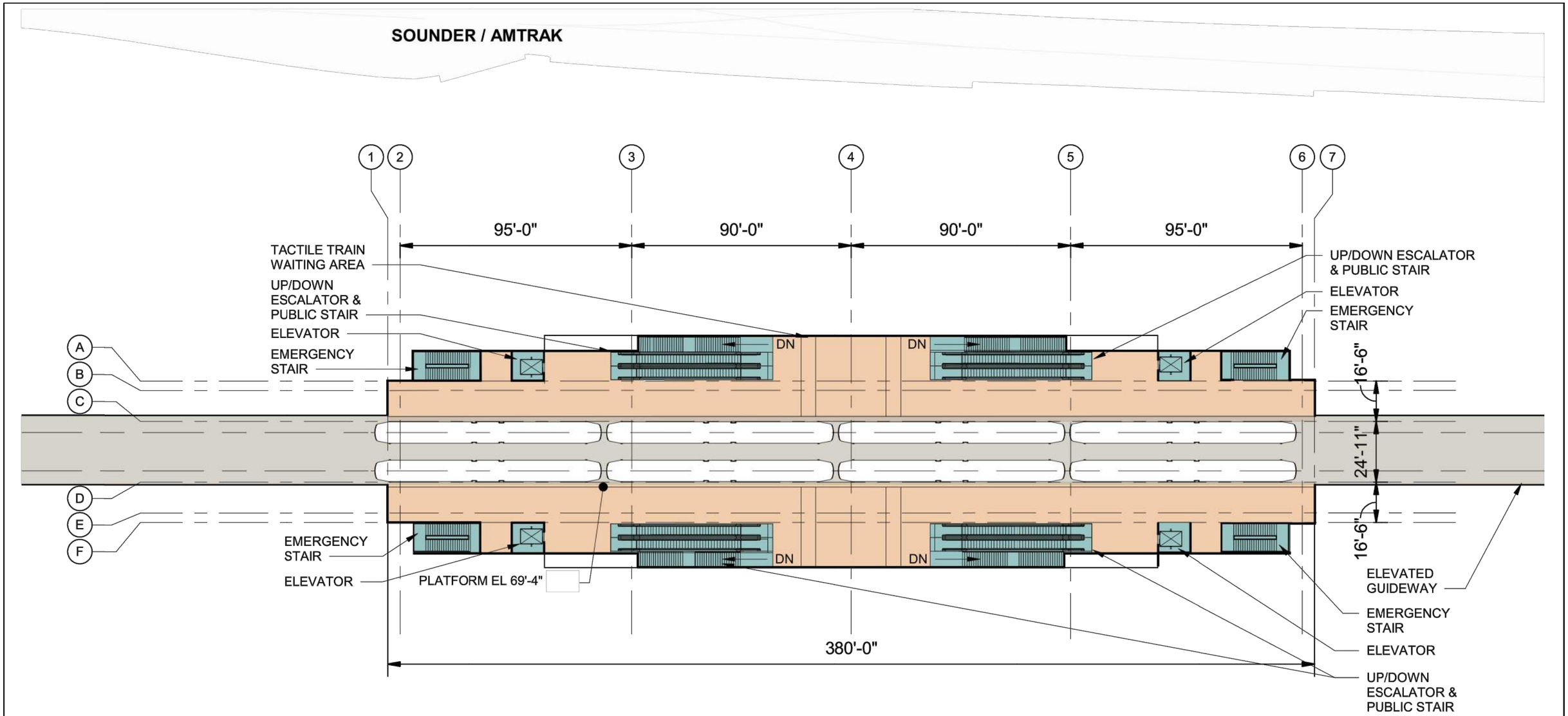

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

HDR

TACOMA 26TH STREET ALTERNATIVE
PORTLAND AVENUE STATION
PLATFORM LEVEL PLAN

G0A-APP103
135

12/18/2020 6:53:40 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

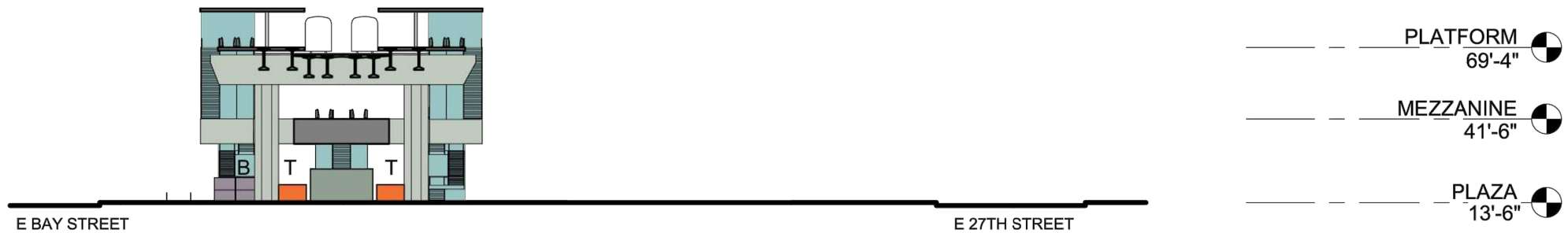

SECTION B

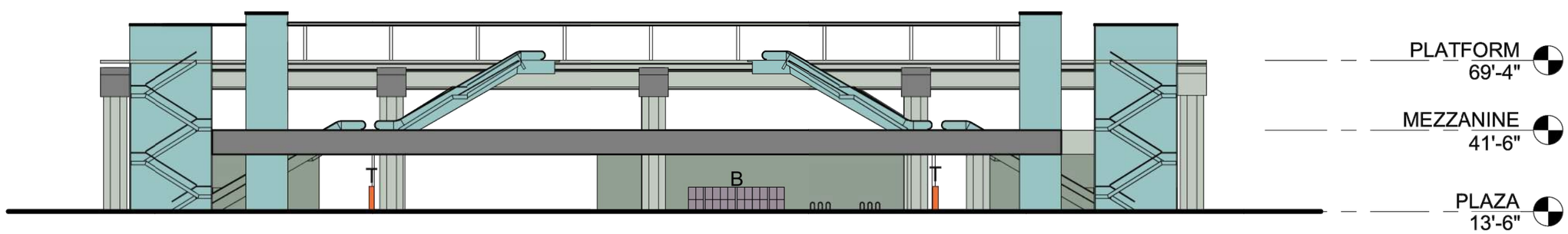

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT HDR

TACOMA 26TH STREET ALTERNATIVE
PORTLAND AVENUE STATION
SECTIONS

G0A-ASX101
136

12/18/2020 6:53:42 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

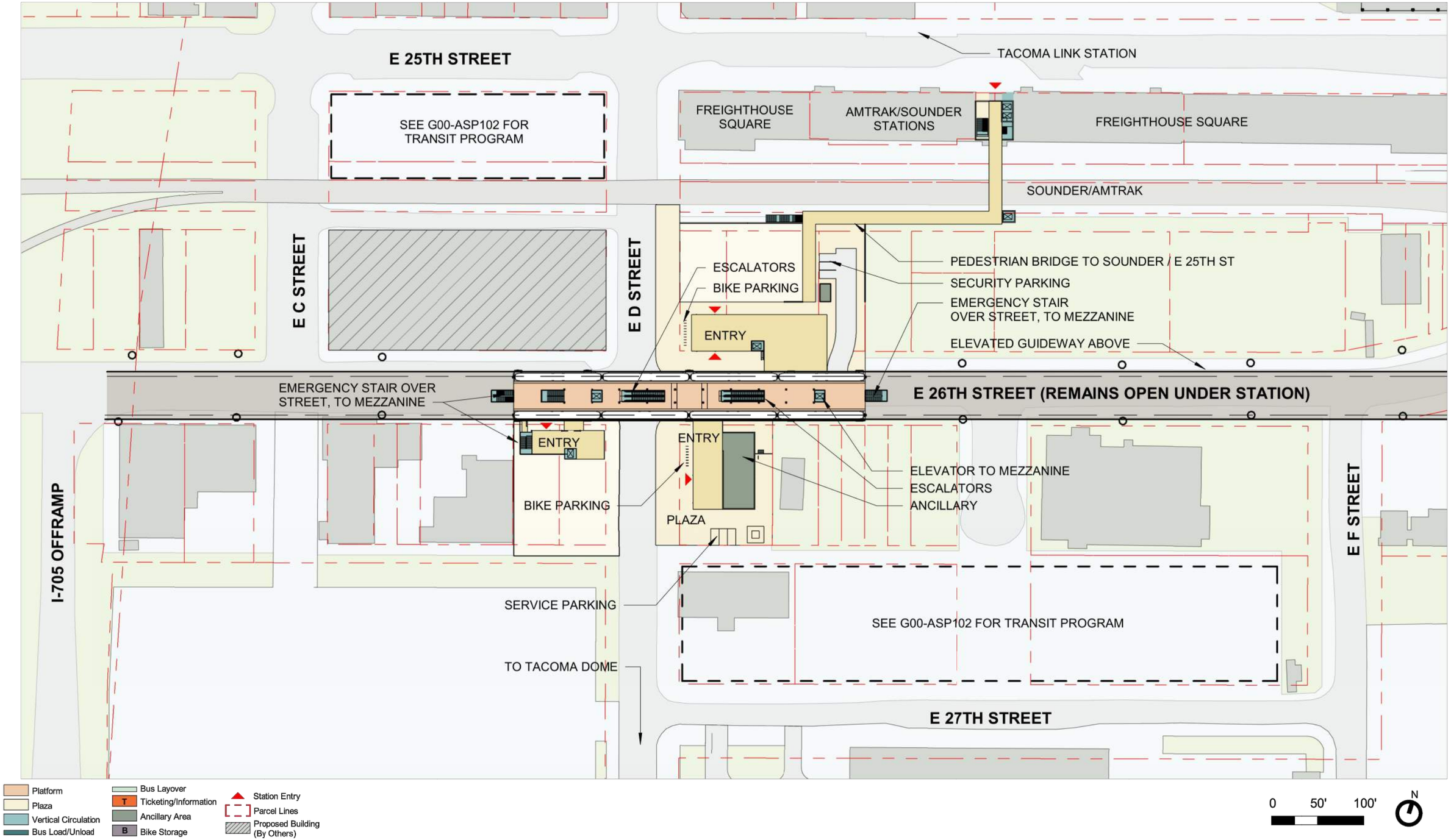

SOUNDTRANSIT

SCHARRERAD

TACOMA 26TH STREET ALTERNATIVE
TACOMA 26TH STREET STATION
SITE PLAN

GA-ASP101

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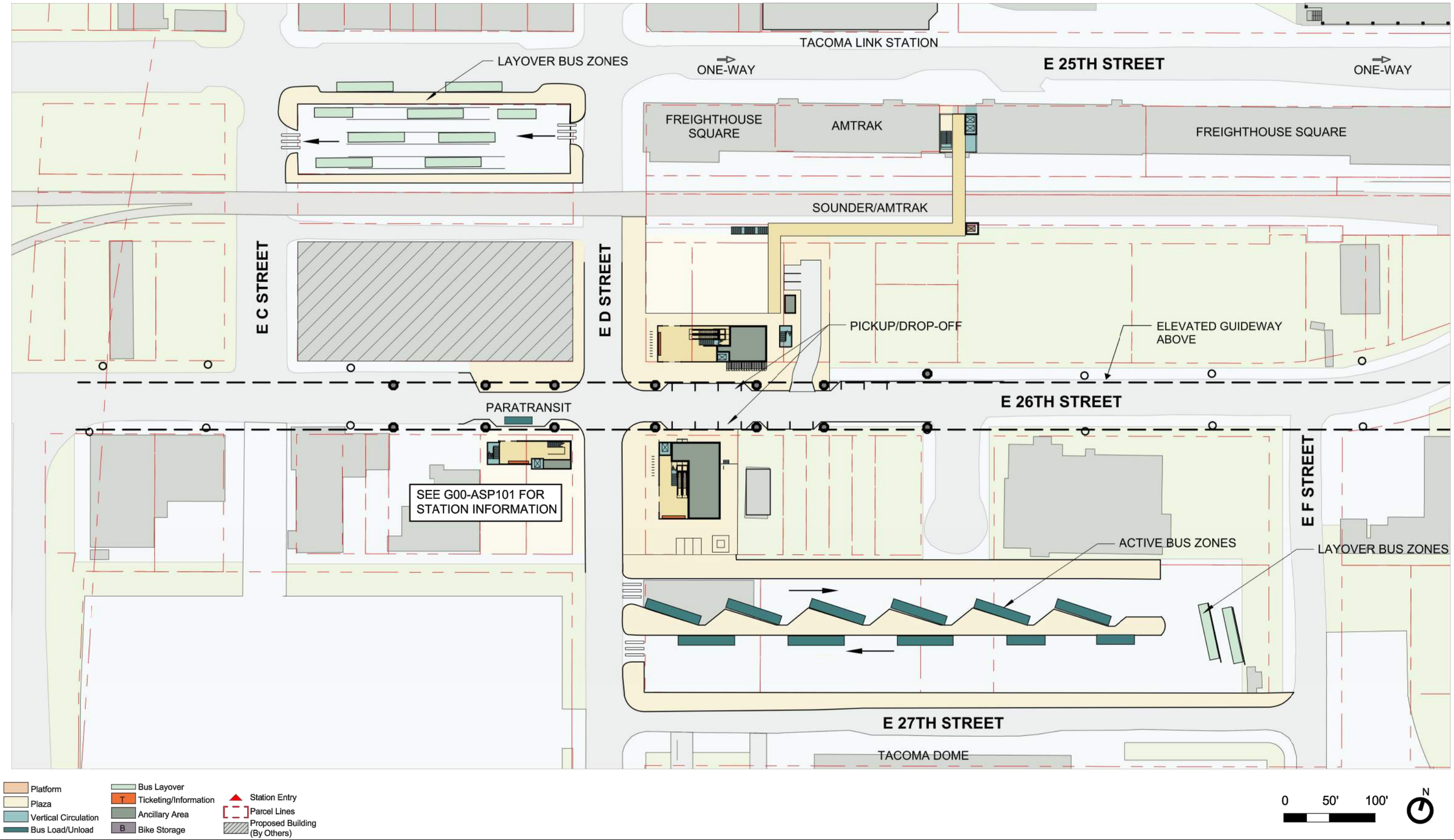

SOUNDTRANSIT

SCHARRERAD

TACOMA 26TH STREET ALTERNATIVE
TACOMA 26TH STREET STATION
SITE PLAN - TRANSIT INTEGRATION

GA-ASP102
138

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDTRANSIT

SCHARRERAD

TACOMA 26TH STREET ALTERNATIVE
TACOMA 26TH STREET STATION
PLAZA LEVEL PLAN

GA-APP101
139

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

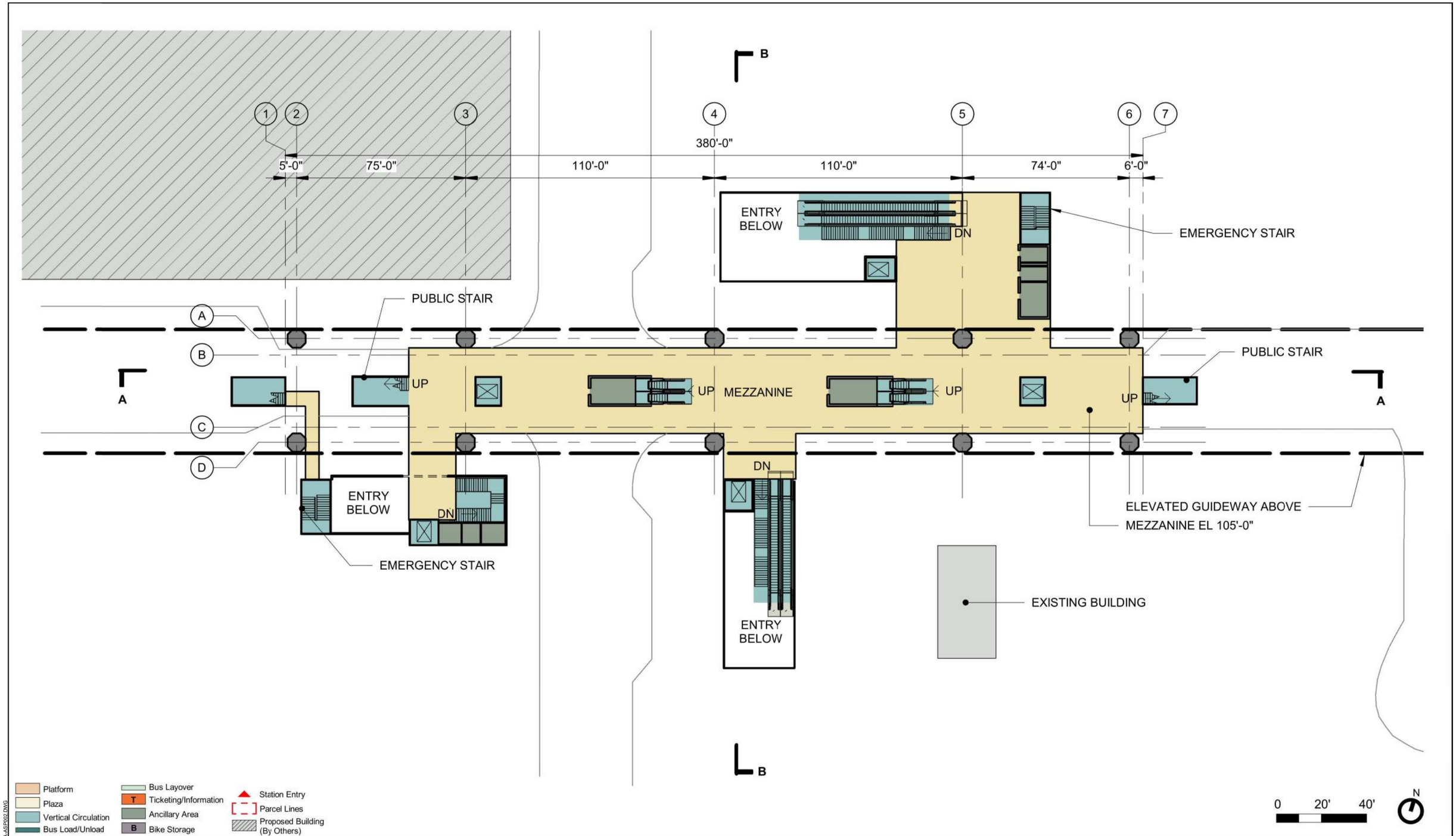

SOUNDTRANSIT

SCHARRERAD

TACOMA 26TH STREET ALTERNATIVE
TACOMA 26TH STREET STATION
MEZZANINE LEVEL PLAN

GA-APP102
140

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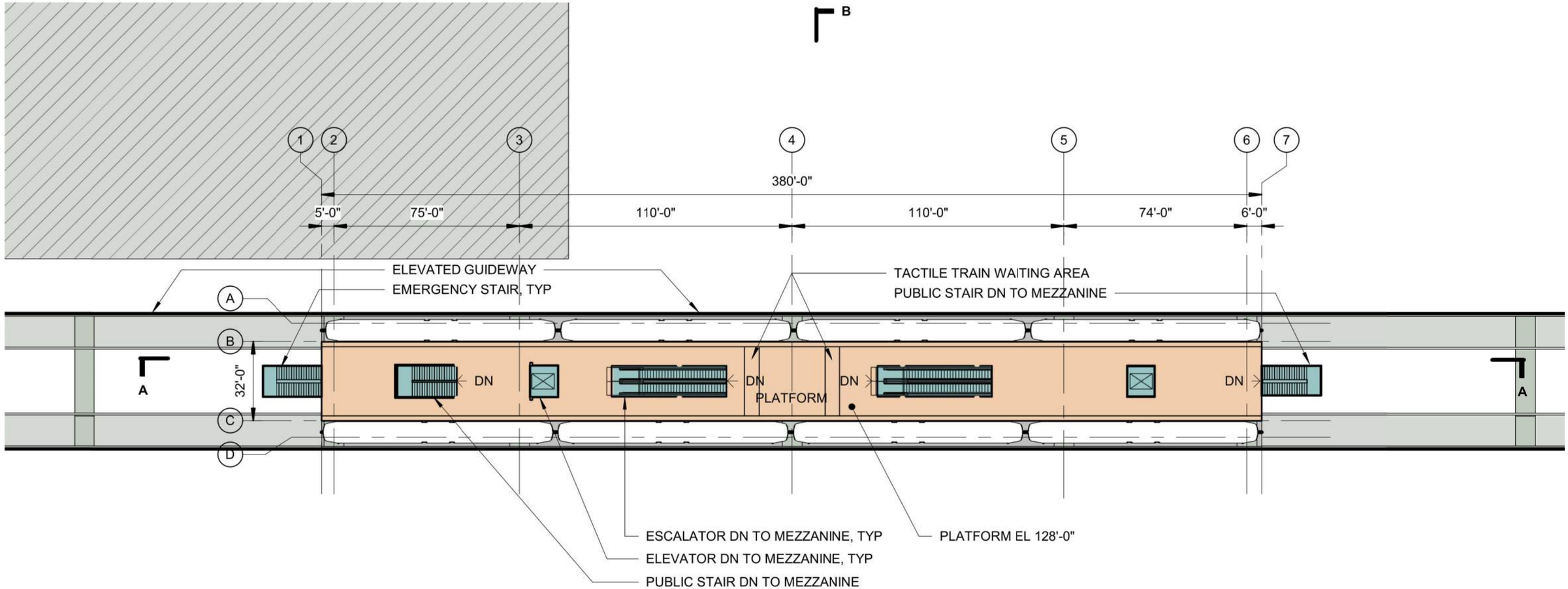

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

SCHARRERAD

TACOMA 26TH STREET ALTERNATIVE
TACOMA 26TH STREET STATION
PLATFORM LEVEL PLAN

GA-APP103
141

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

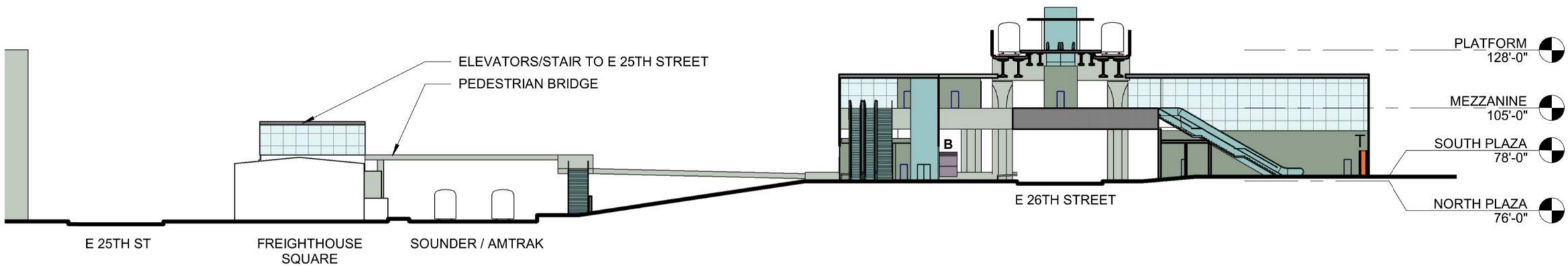

SECTION B

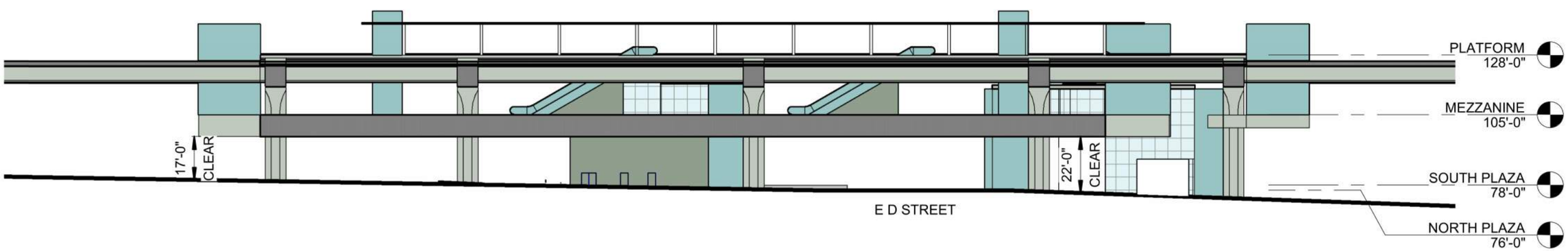

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

TACOMA 26TH STREET ALTERNATIVE
TACOMA 26TH STREET STATION
SECTIONS

GA-ASX101
142

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

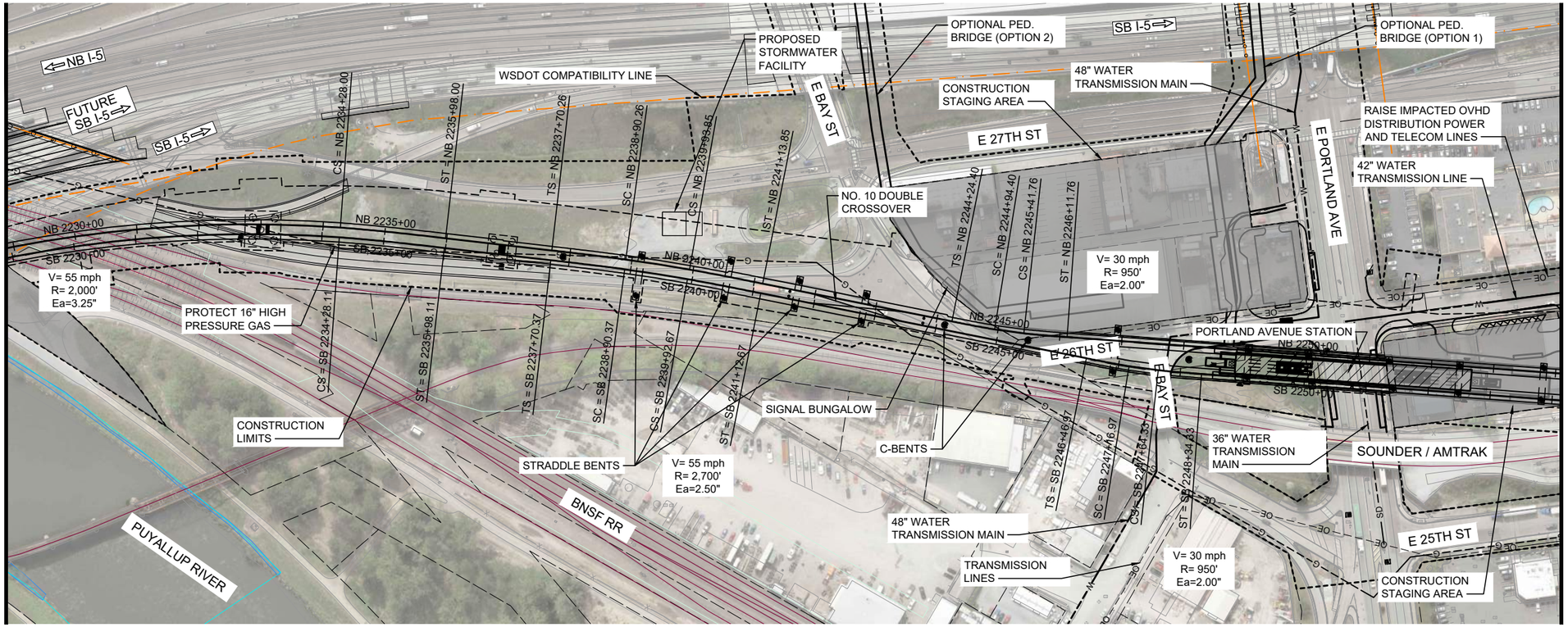

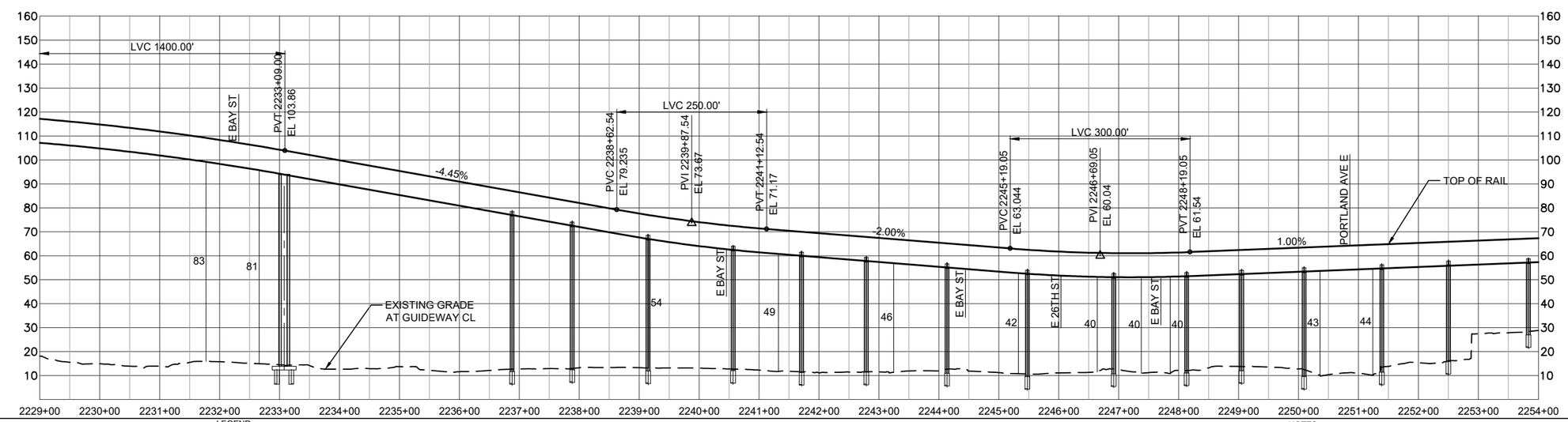

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TRACK PLAN AND PROFILE
STA 2229+00 TO STA 2254+00

A4B-KAP19

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

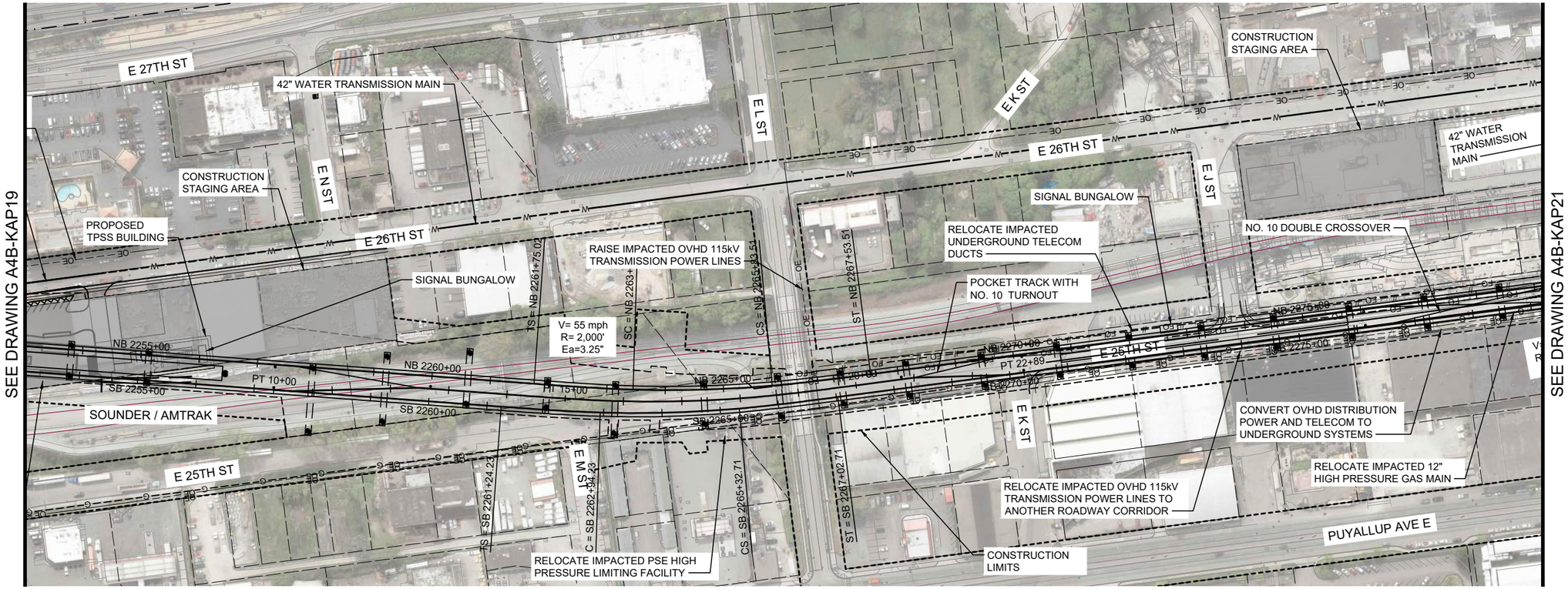

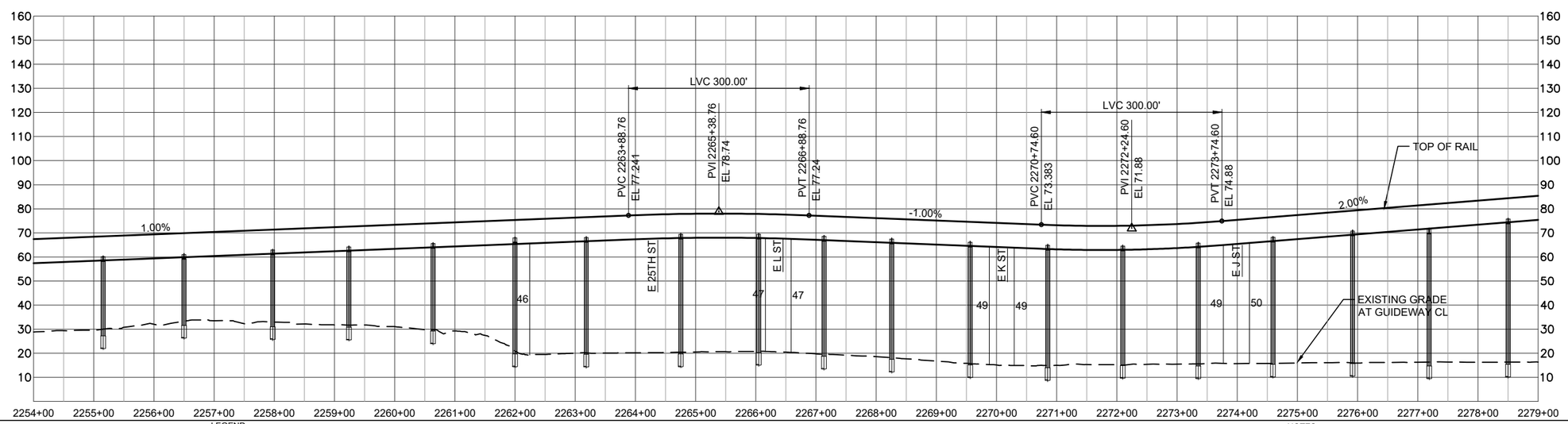

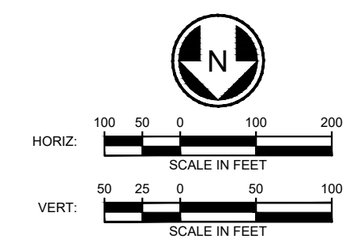

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TRACK PLAN AND PROFILE
STA 2254+00 TO STA 2279+00

A4B-KAP20

8/19/2024 3:41:16 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SEE DRAWING A4B-KAP20

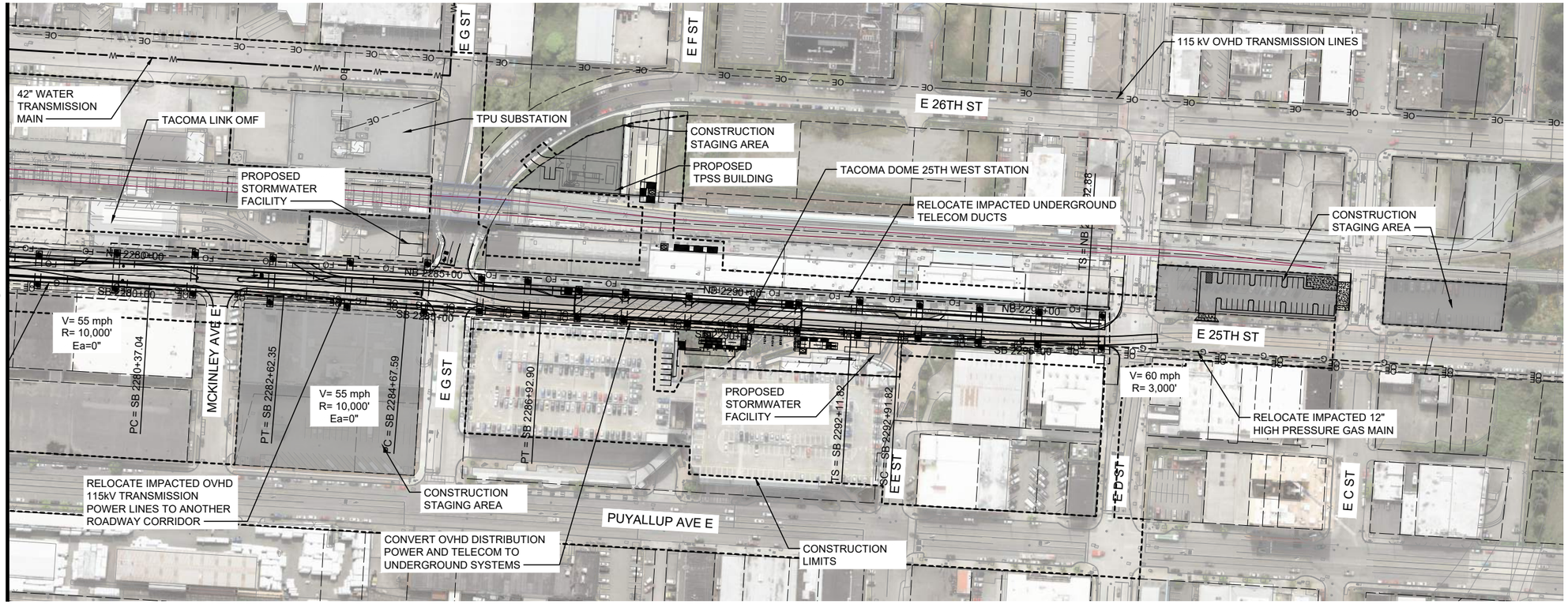

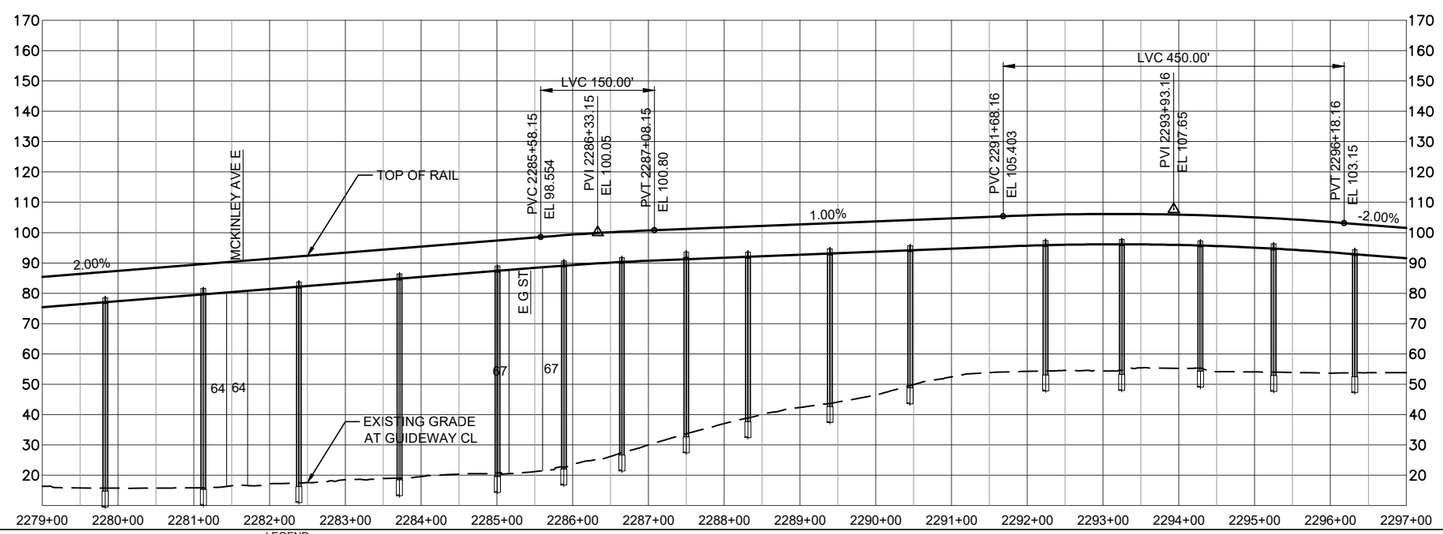

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TRACK PLAN AND PROFILE
STA 2279+00 TO STA 2297+00

8/19/2024 3:41:28 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

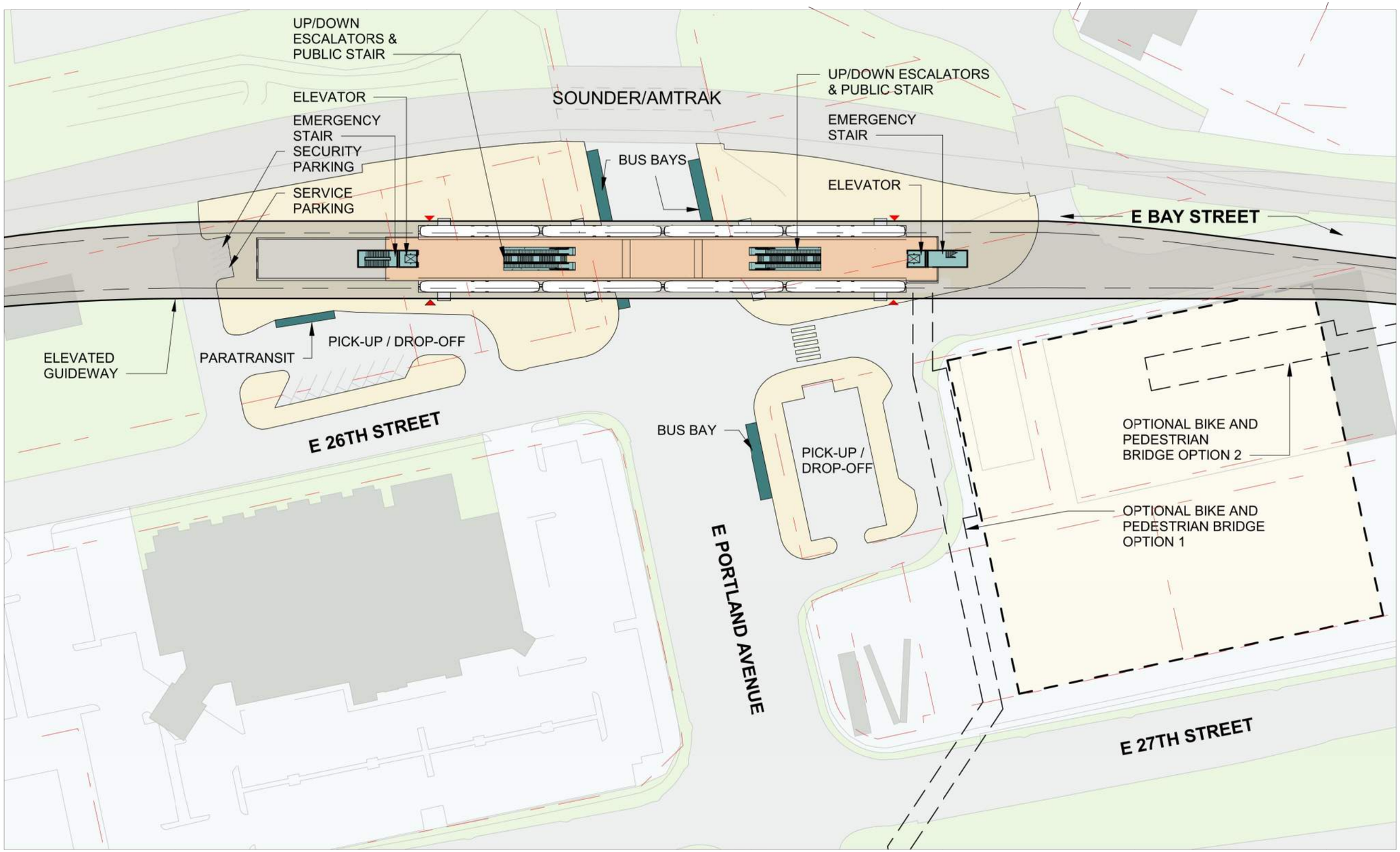

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 40' 80'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE
SITE PLAN

A4B-ASP101A
146

12/18/2020 7:12:47 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER/AMTRAK

UP/DOWN ESCALATOR & PUBLIC STAIR

SECURITY PARKING

SERVICE PARKING

ENTRY EL 14'- 0"

ELEVATOR

EMERGENCY STAIR

BIKE LOCKERS

BUS BAYS

ANCILLARY

T

UP

BIKE RACKS

ELEVATED GUIDEWAY, ABOVE

UP/DOWN ESCALATOR & PUBLIC STAIR

ELEVATOR

EMERGENCY STAIR

ENTRY EL 14'- 0"

PARATRANSIT

PICK-UP / DROP-OFF

E 26TH STREET

E PORTLAND AVENUE

BUS BAY

PICK-UP / DROP-OFF

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE
PLAZA LEVEL PLAN

A4B-APP101A
147

12/18/2020 7:12:49 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

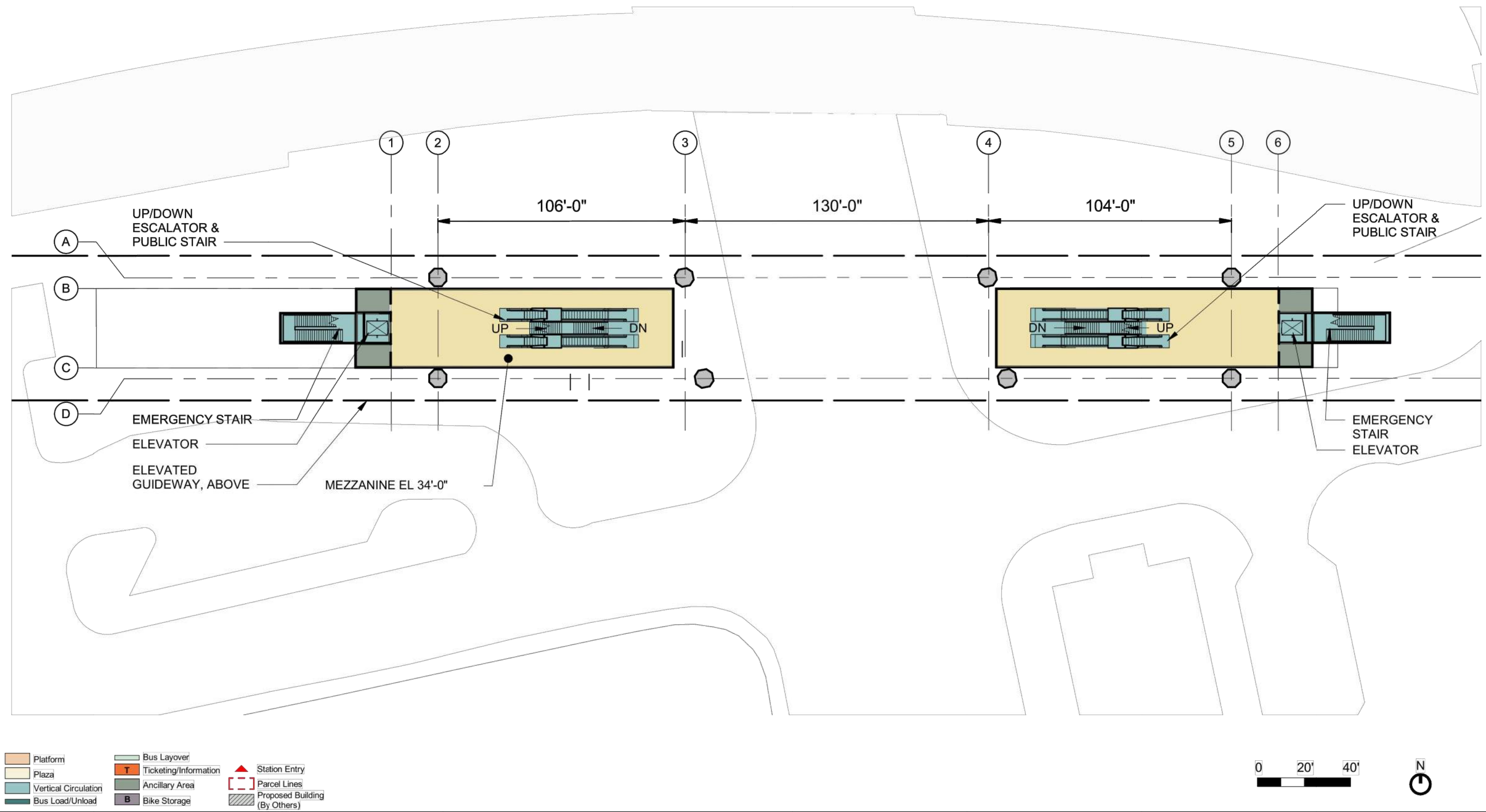

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE
MEZZANINE LEVEL PLAN

A4B-APP102A
148

12/18/2020 7:12:52 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

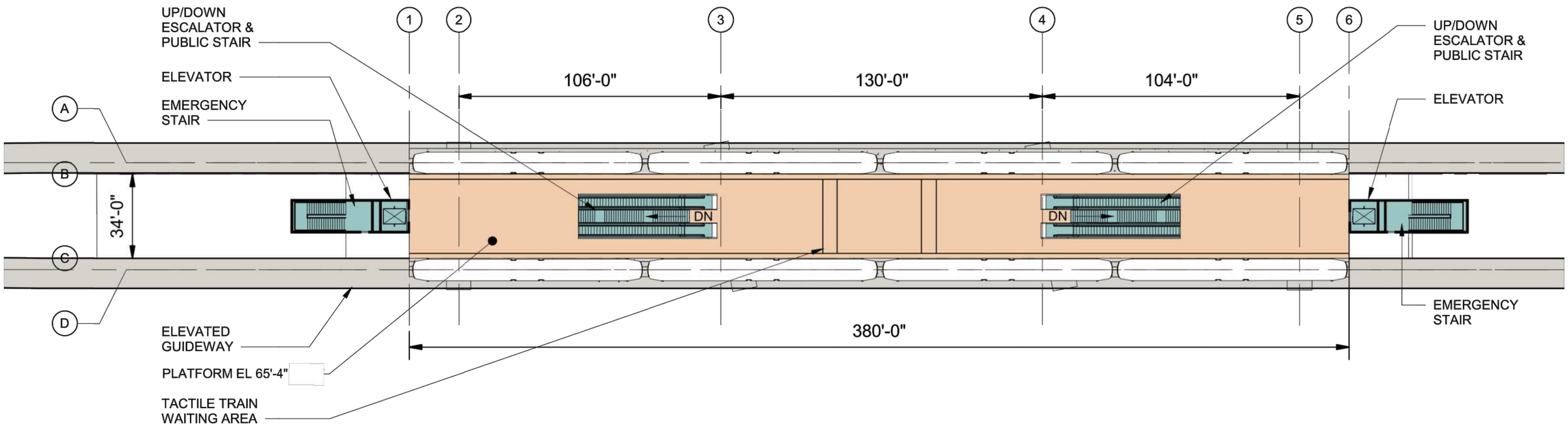

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE
PLATFORM LEVEL PLAN

A4B-APP103A
149

12/18/2020 7:12:54 AM CFOX
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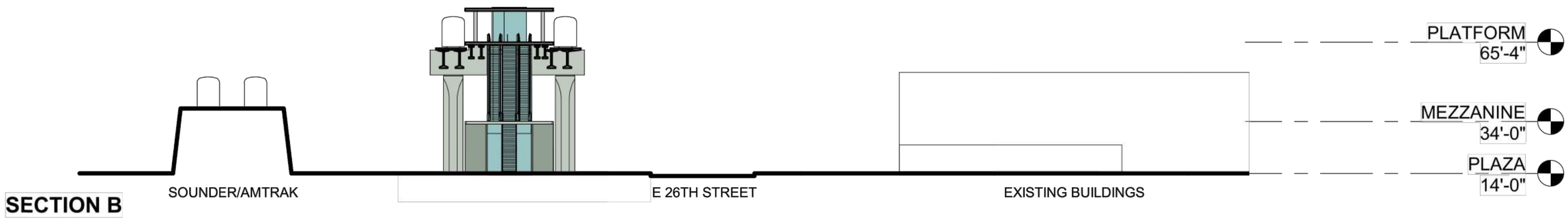

SECTION B

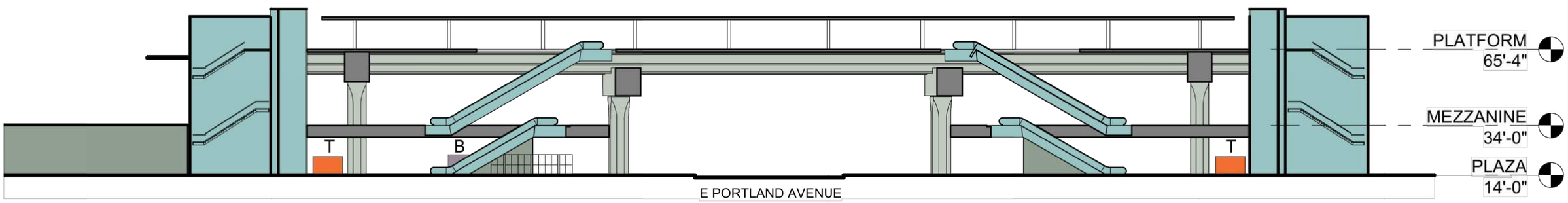

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
PORTLAND AVENUE SPAN STATION OPTION WITH MEZZANINE
SECTIONS

A4B-ASX101A
150

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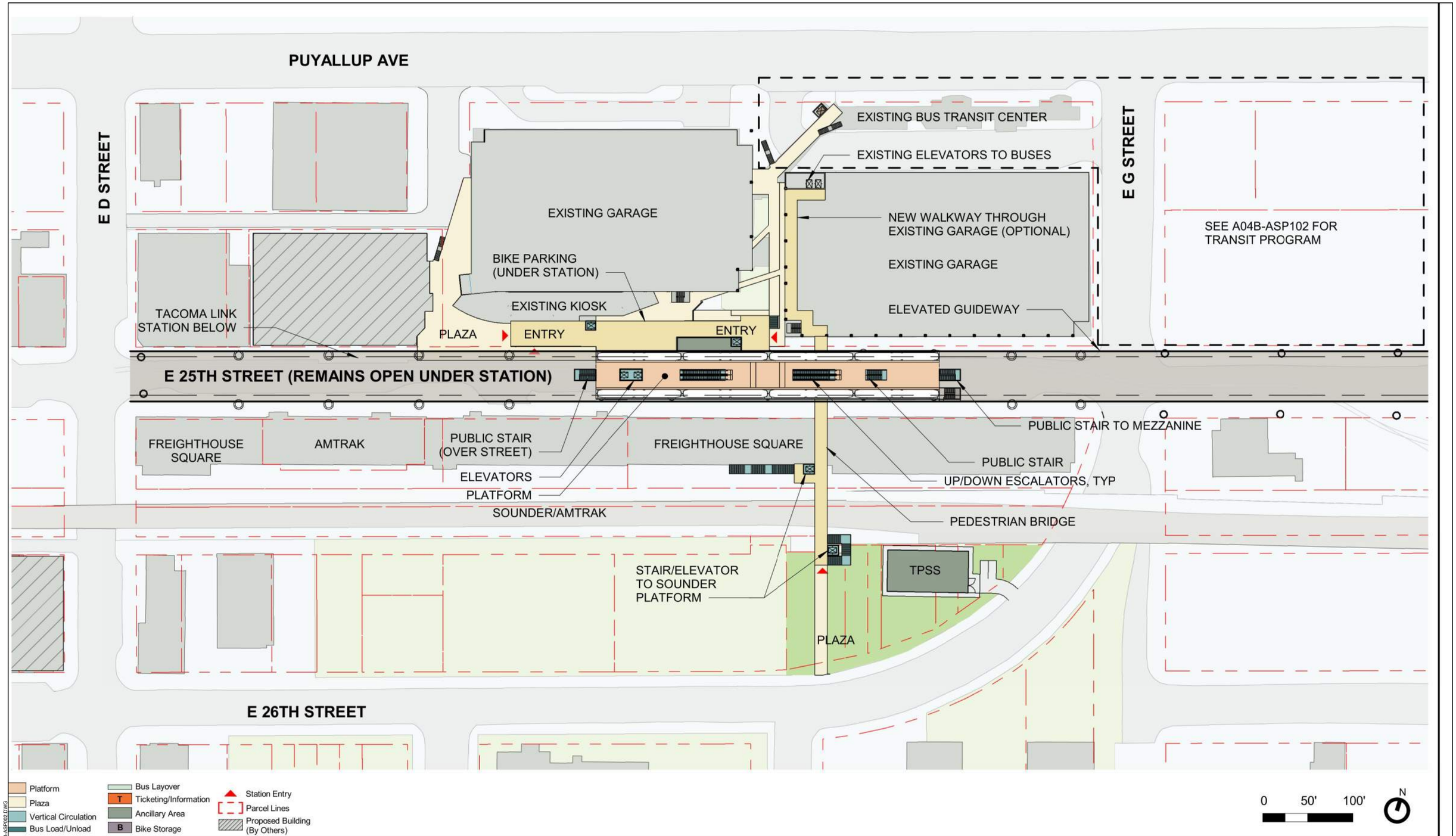

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TACOMA 25TH STREET WEST STATION
SITE PLAN

A04B-ASP101
151

12/18/2020 7:13:05 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

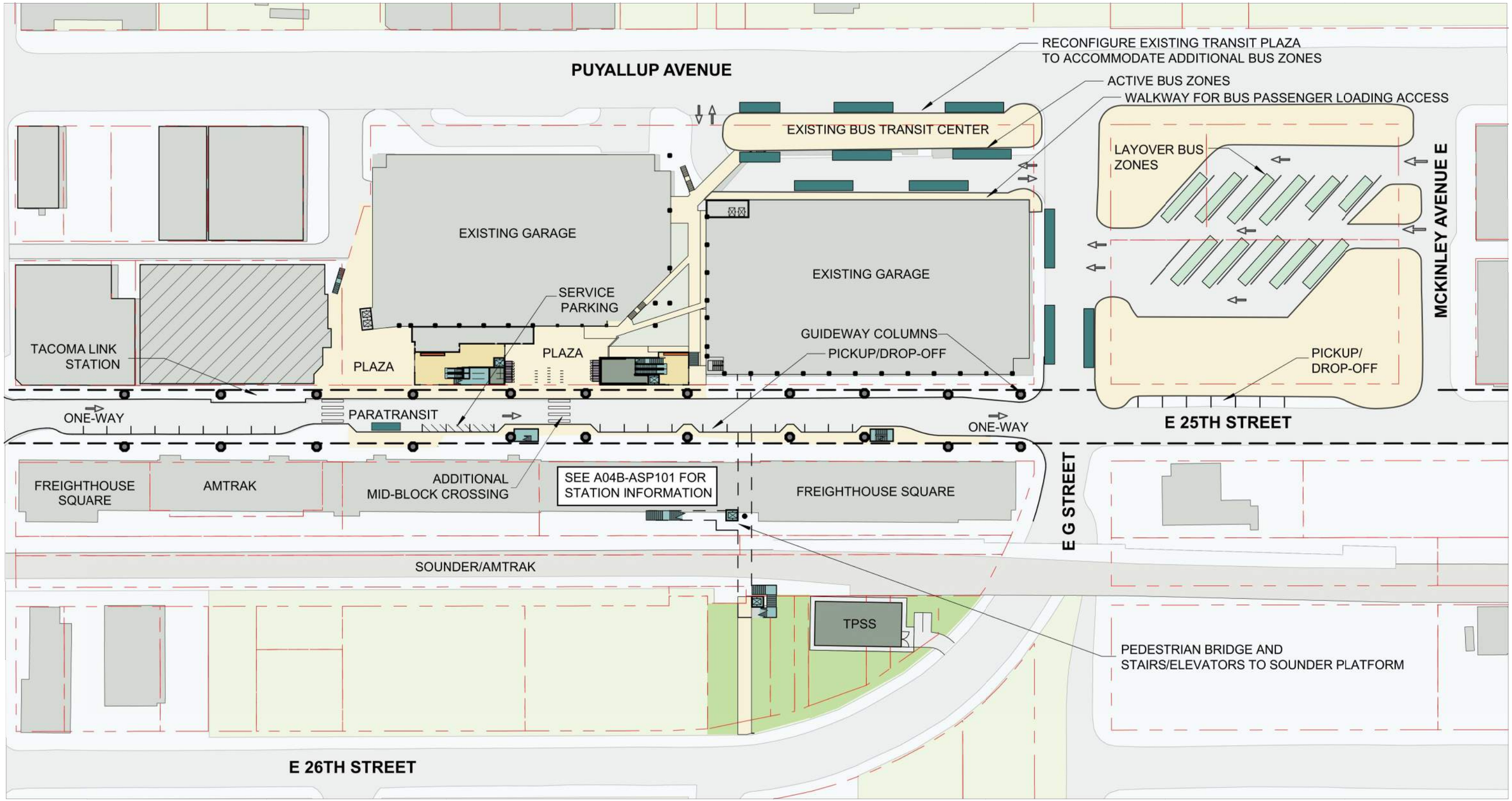

SCHARRERAD

SOUNDTRANSIT

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TACOMA 25TH STREET WEST STATION
SITE PLAN - TRANSIT INTEGRATION

A04B-ASP102
152

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

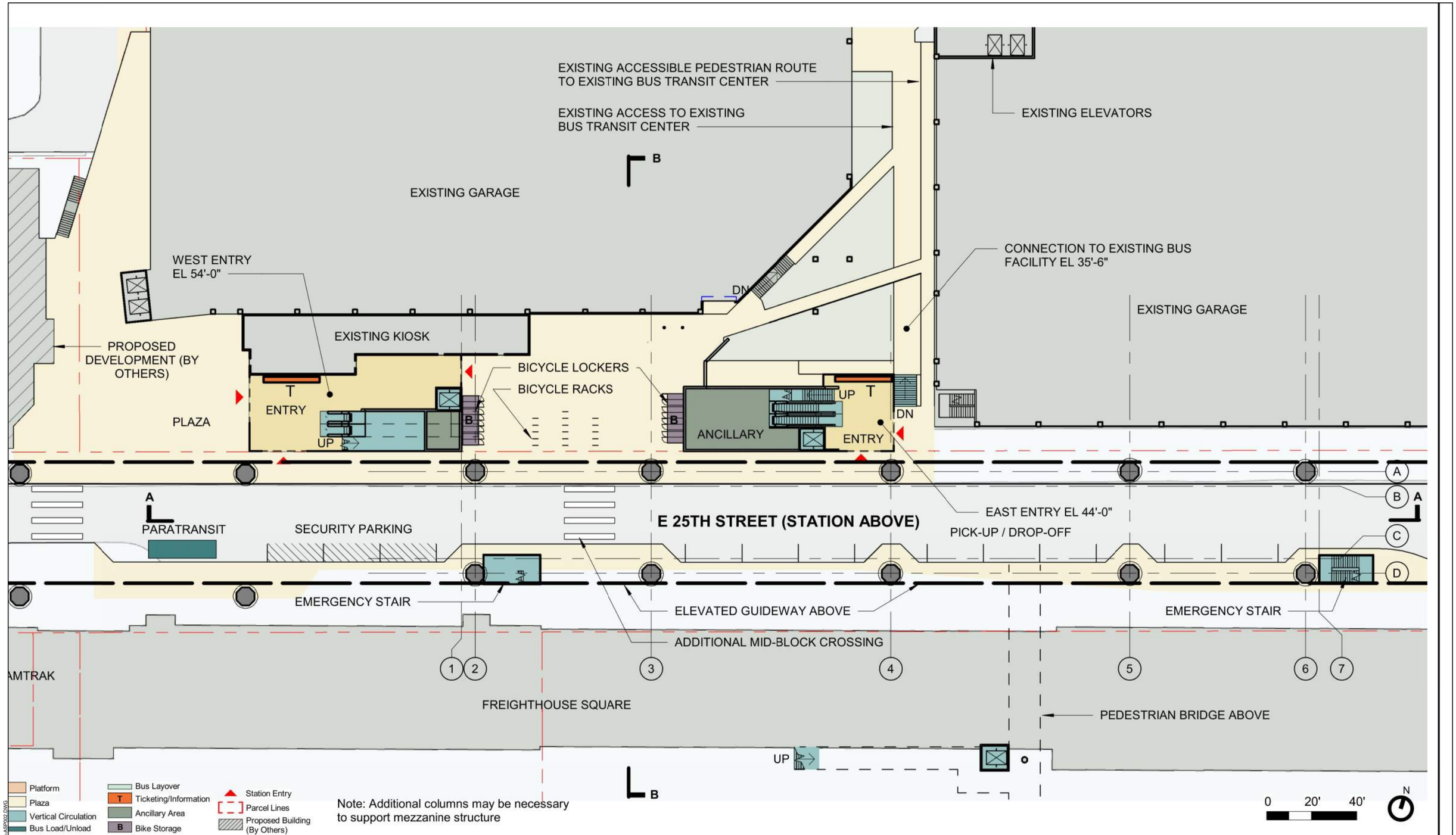

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TACOMA 25TH STREET WEST STATION
PLAZA LEVEL PLAN

A04B-APP101
153

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

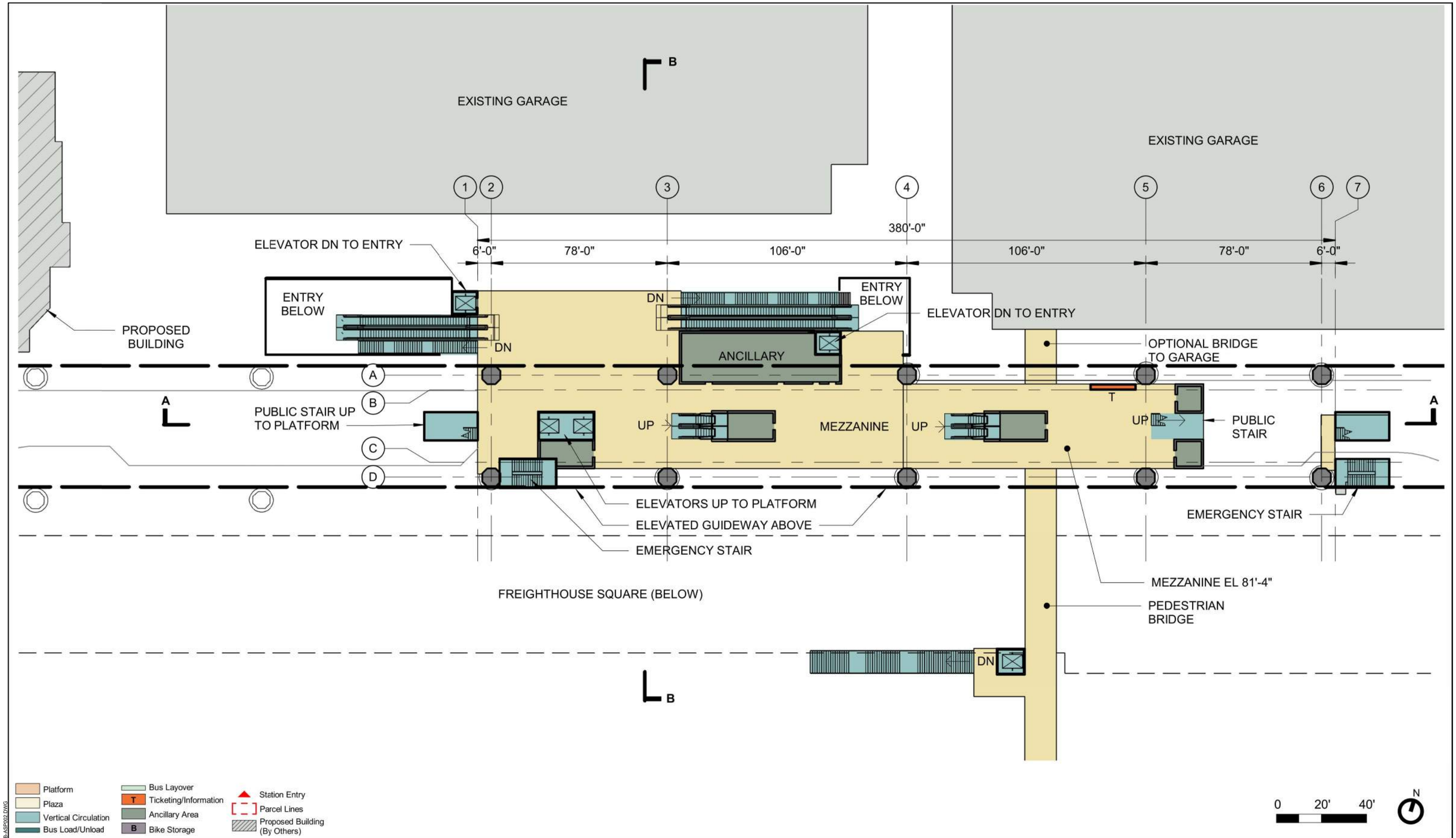

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TACOMA 25TH STREET WEST STATION
MEZZANINE LEVEL PLAN

A04B-APP102
154

12/18/2020 7:13:15 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

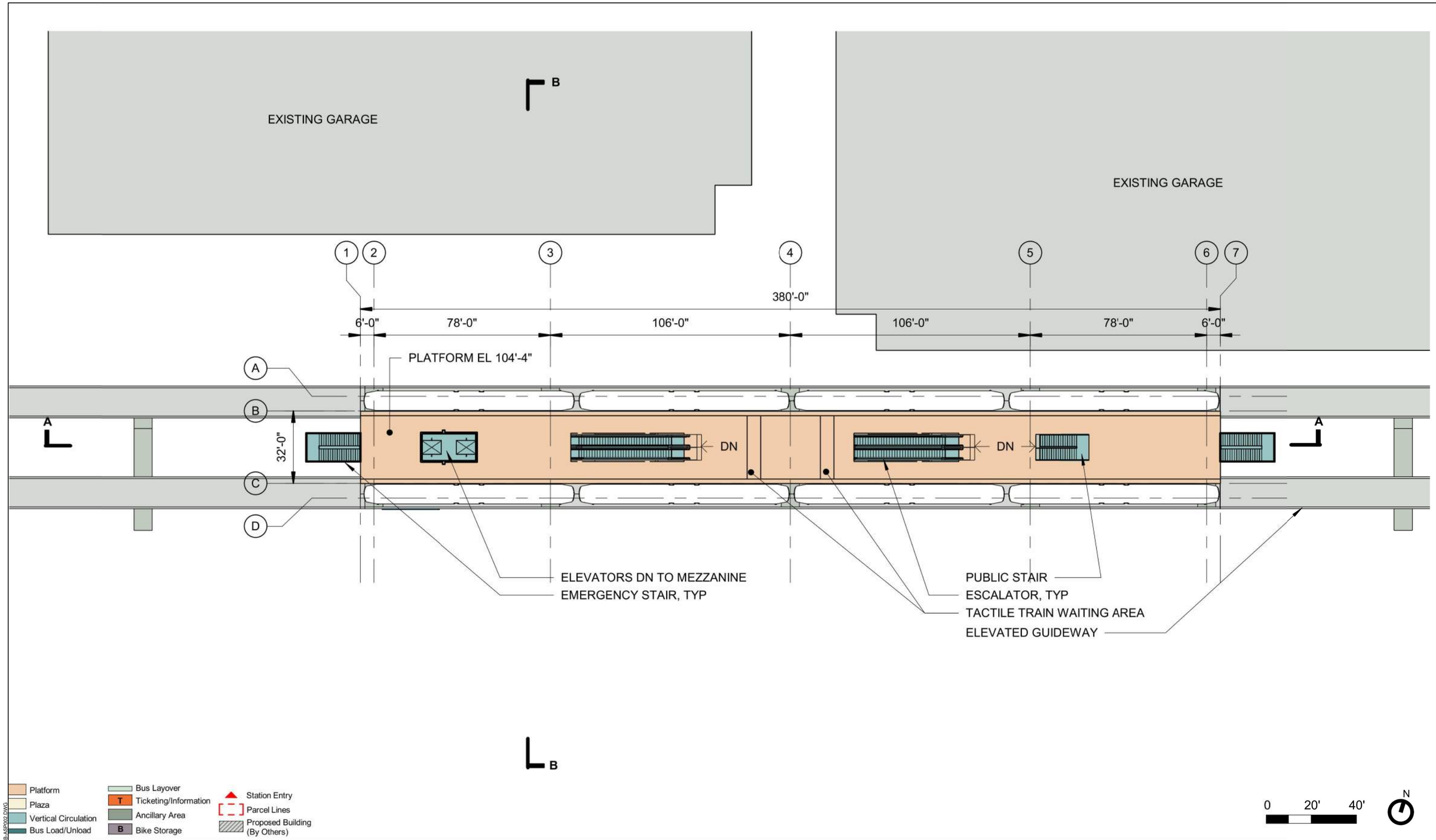

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TACOMA 25TH STREET WEST STATION
PLATFORM LEVEL PLAN

A04B-APP103
155

12/18/2020 7:13:17 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

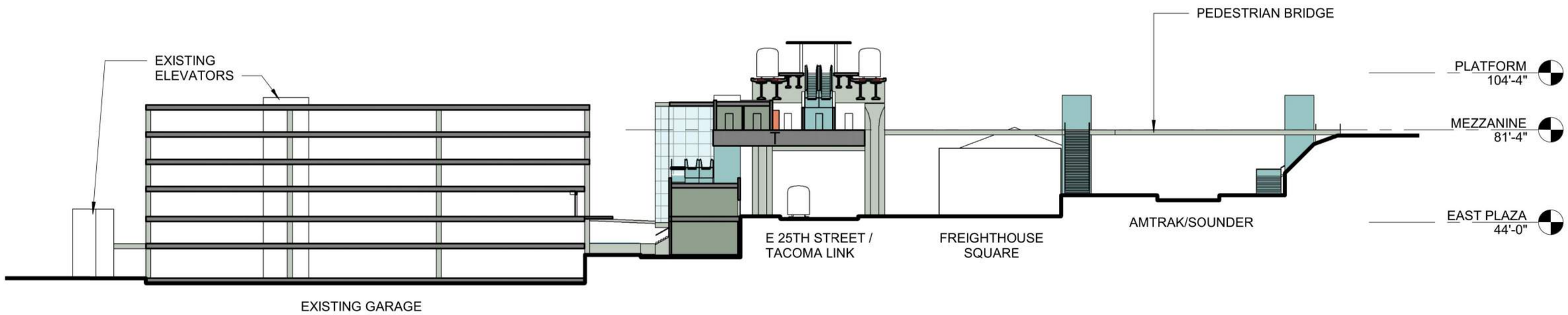

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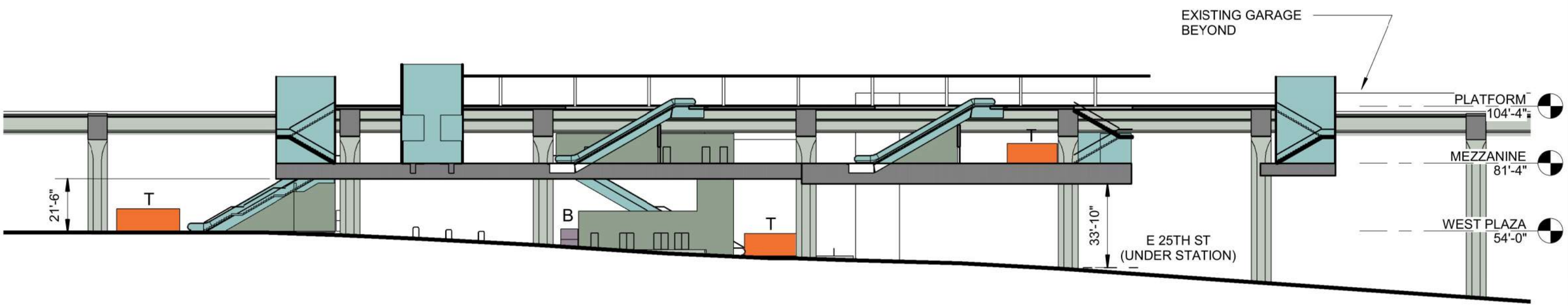

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO PREFERRED TACOMA 25TH STREET - WEST
TACOMA 25TH STREET WEST STATION
SECTIONS

A04B-ASX101
156

12/18/2020 7:13:20 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

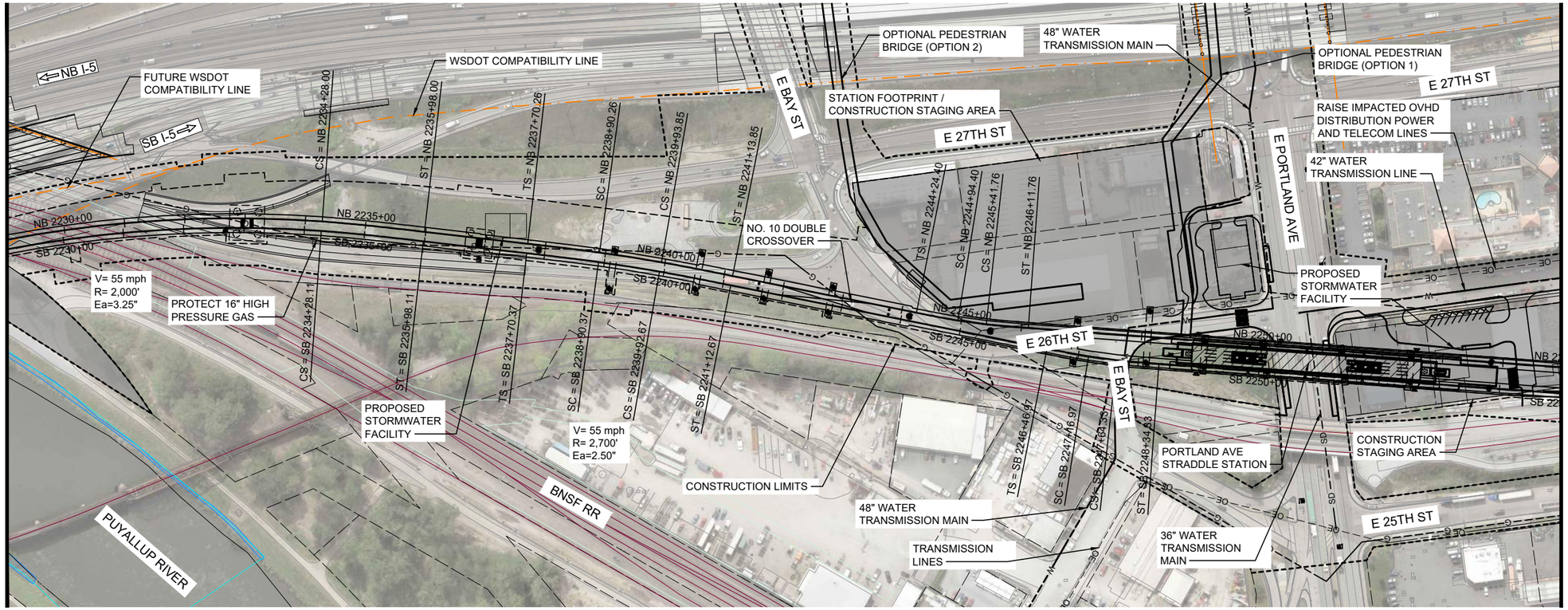

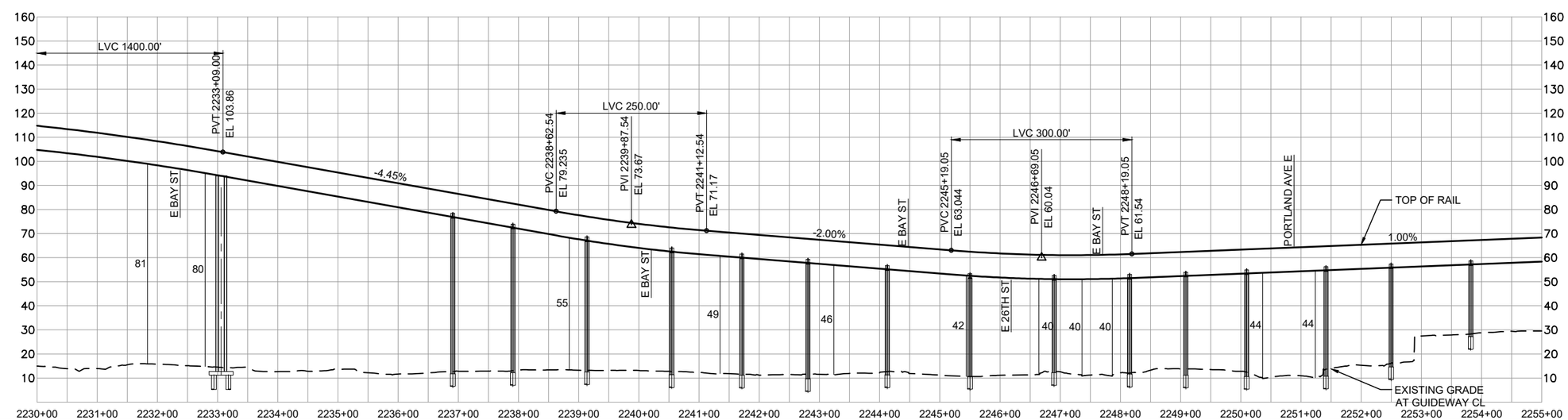

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TRACK PLAN AND PROFILE
STA 2230+00 TO STA 2255+00

F0B-KAP19

8/19/2024 12:53:36 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

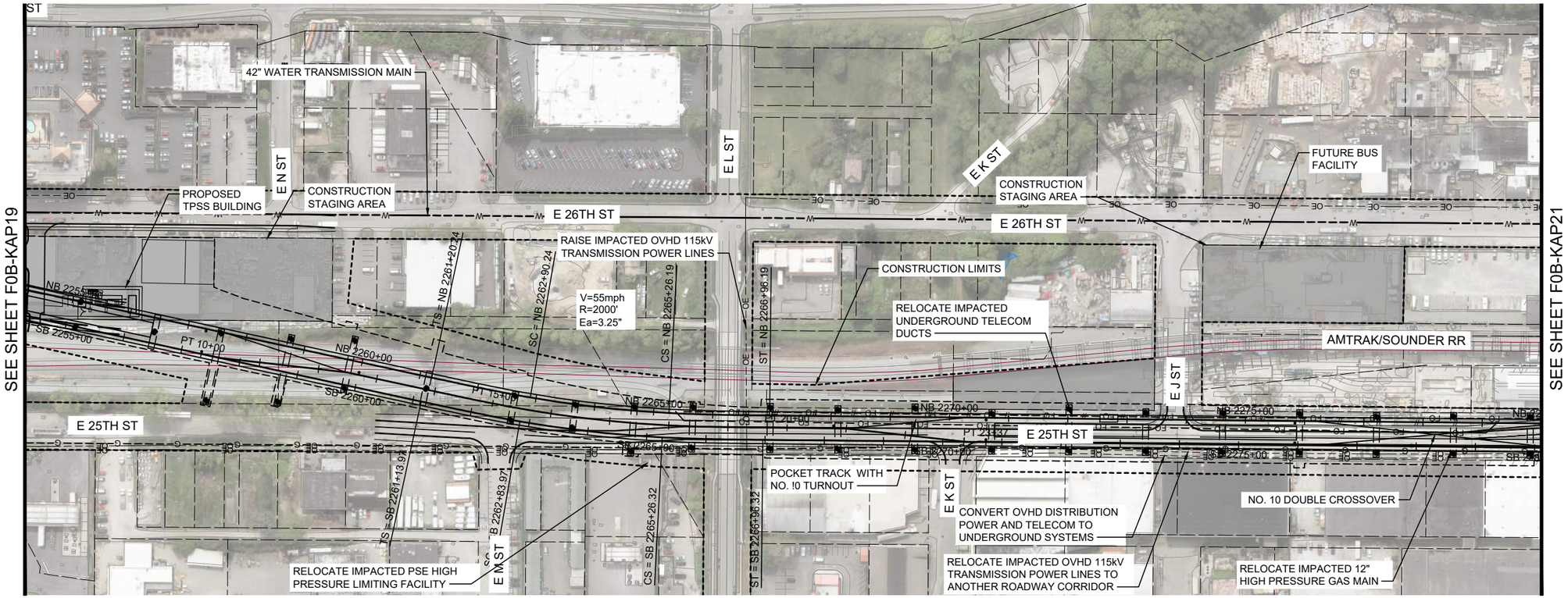

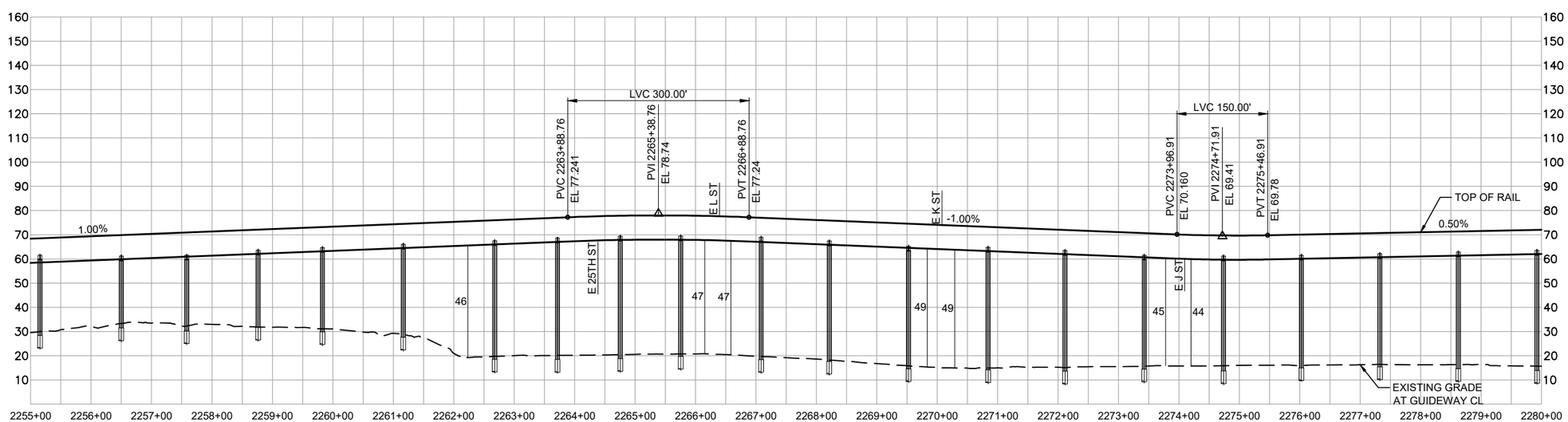

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TRACK PLAN AND PROFILE
STA 2255+00 TO STA 2280+00

F0B-KAP20
158

8/19/2024 12:53:45 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

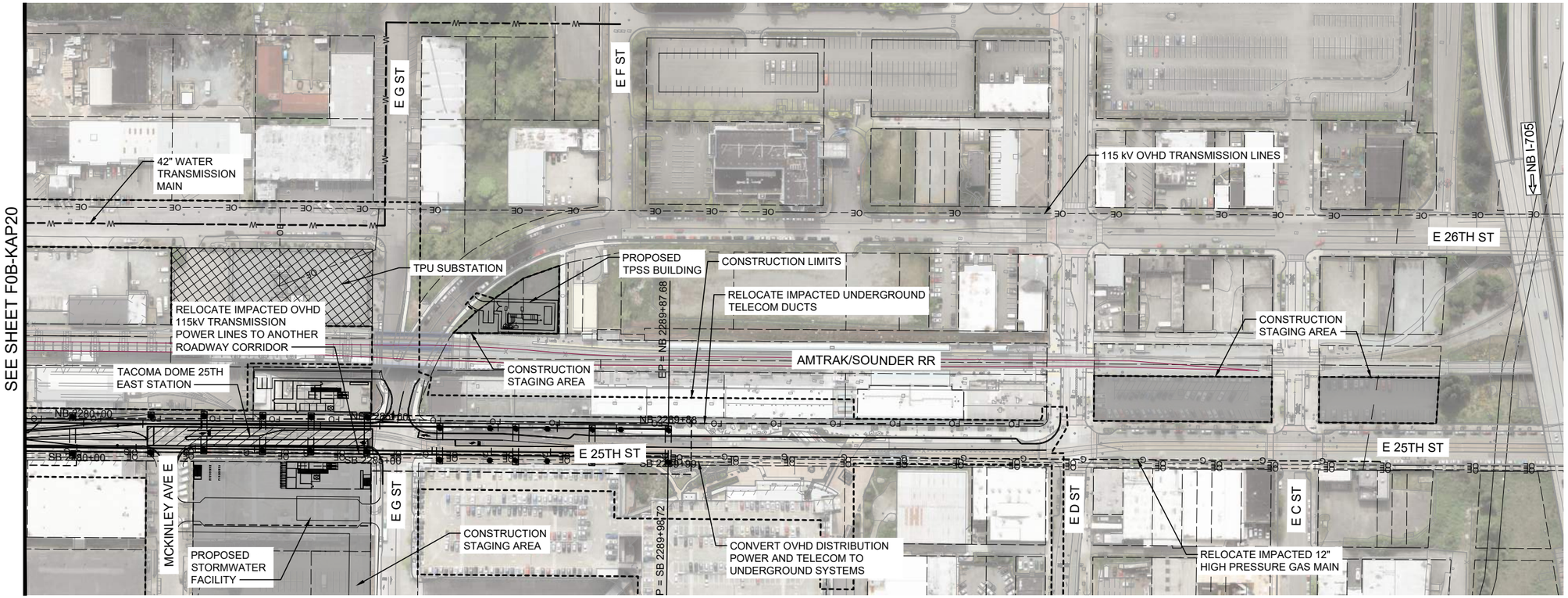

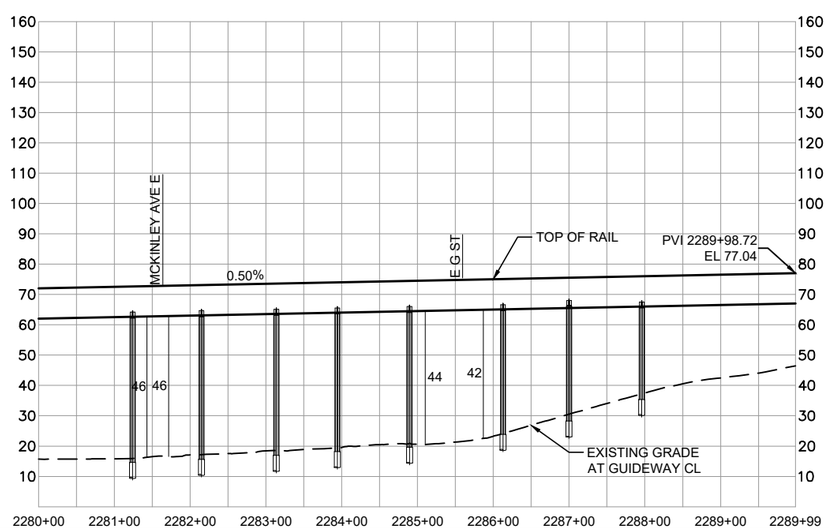

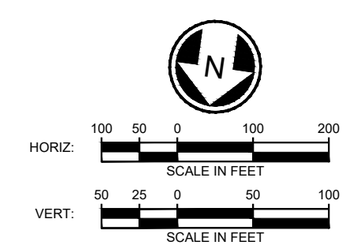

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TRACK PLAN AND PROFILE
STA 2280+00 TO STA 2289+98.72

F0B-KAP21
159

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

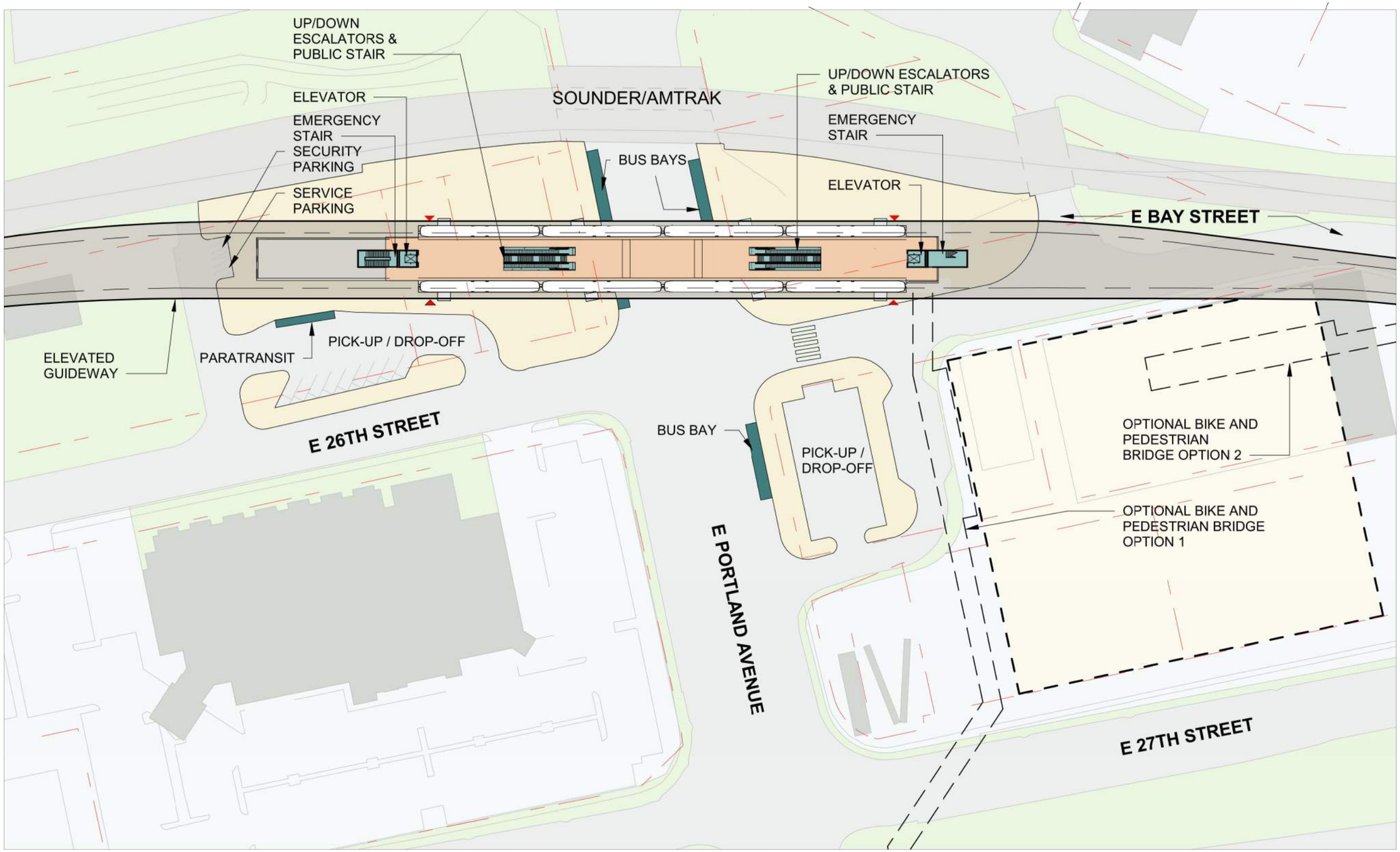

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 40' 80'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE
SITE PLAN

FB-ASP100A
160

12/18/2020 7:33:10 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER/AMTRAK

UP/DOWN ESCALATOR & PUBLIC STAIR

SECURITY PARKING

SERVICE PARKING

ENTRY EL 14'- 0"

ELEVATOR

EMERGENCY STAIR

BIKE LOCKERS

BUS BAYS

ANCILLARY

T

UP

BIKE RACKS

ELEVATED GUIDEWAY, ABOVE

PARATRANSIT

PICK-UP / DROP-OFF

E 26TH STREET

E PORTLAND AVENUE

BUS BAY

PICK-UP / DROP-OFF

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE
PLAZA LEVEL PLAN

FB-APP101A
161

12/18/2020 7:33:17 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

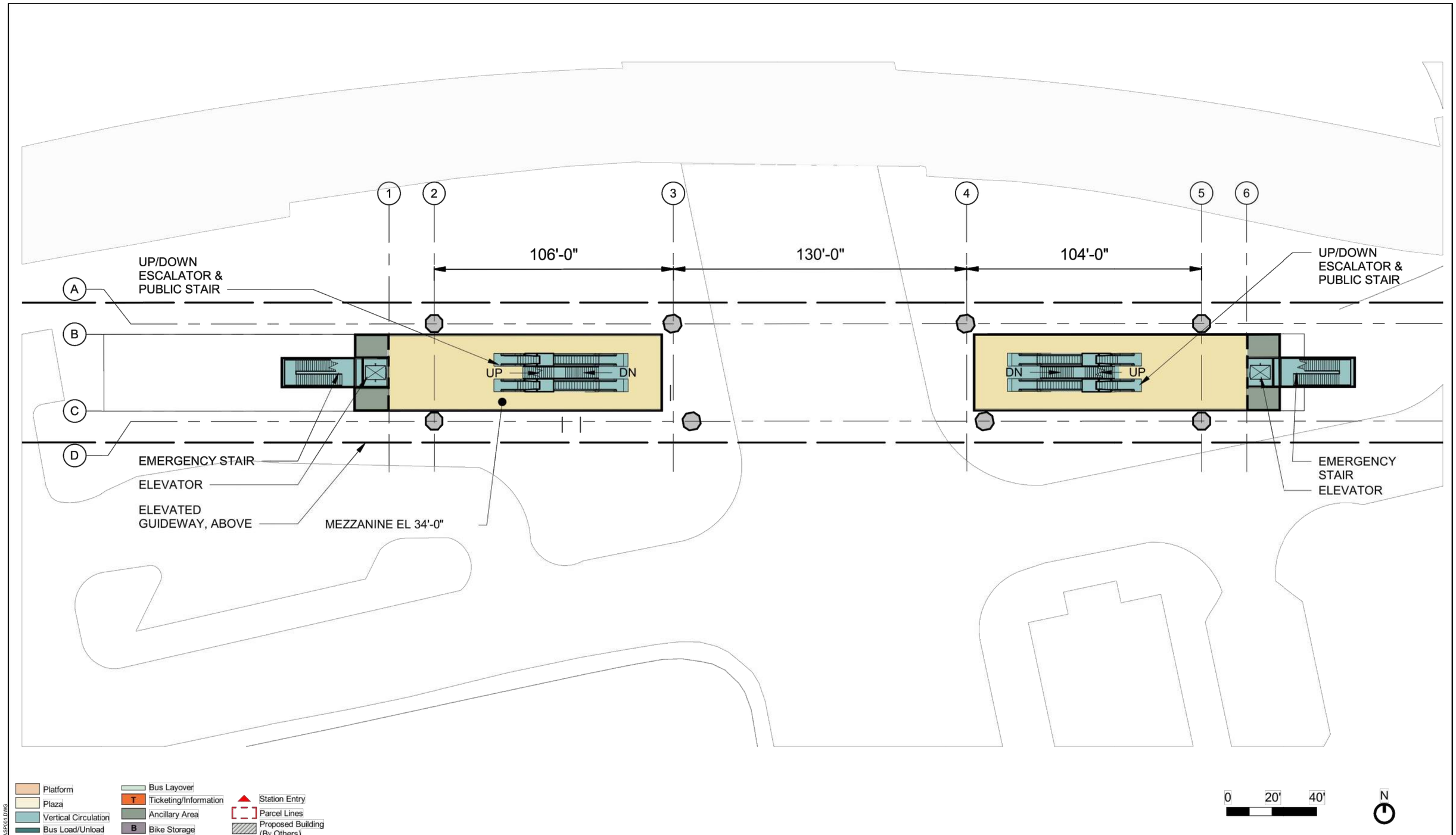

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE
MEZZANINE LEVEL PLAN

FB-APP102A
162

12/18/2020 7:33:14 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

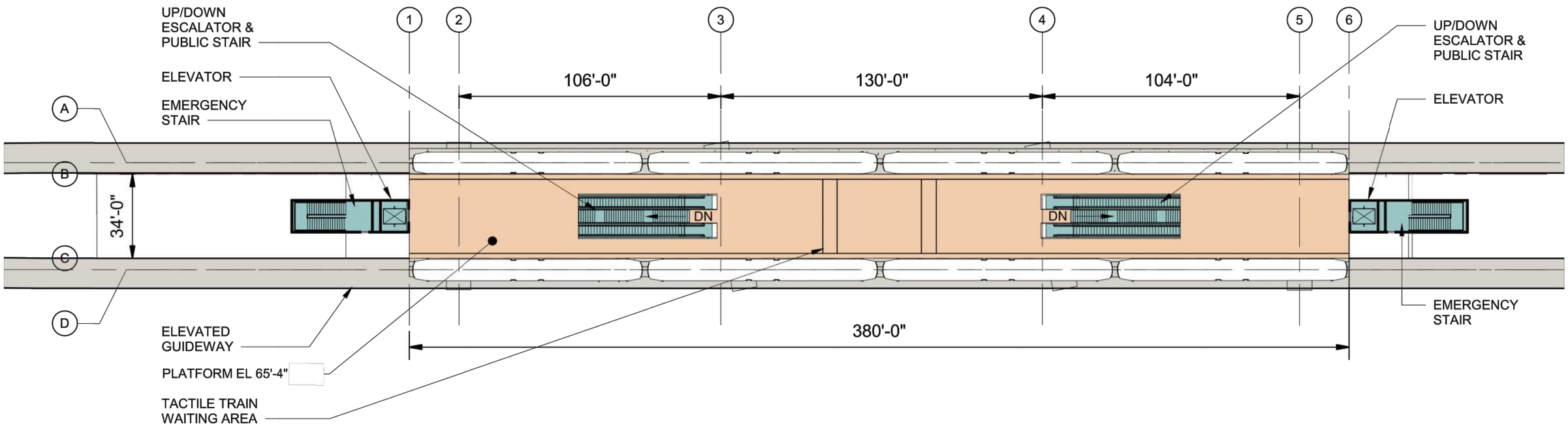

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE
PLATFORM LEVEL PLAN

FB-APP103A
163

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

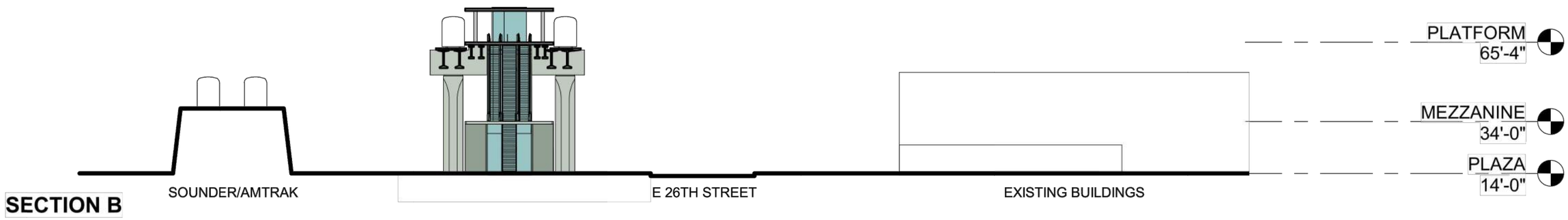

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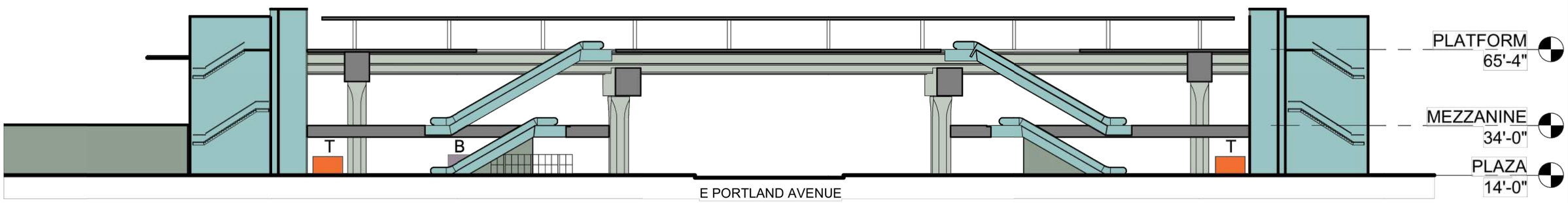

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
PORTLAND AVENUE - SPAN STATION OPTION WITH MEZZANINE
SECTIONS

FB-ASX101A
164

12/18/2020 7:33:05 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

PUYALLUP AVENUE

SEE F00-ASP102 FOR TRANSIT PROGRAM

EXISTING BUS TRANSIT CENTER

E G STREET

PLAZA

POTENTIAL CONSTRUCTION STAGING*

MCKINLEY AVENUE

PARATRANSIT

PUBLIC/ EMERGENCY STAIR TO MEZZANINE

OPTIONAL PEDESTRIAN BRIDGE

PICK-UP / DROP-OFF

ENTRY

MEZZANINE

BIKE PARKING

PLAZA

EMERGENCY STAIR OVER STREET TO MEZZANINE

ELEVATED GUIDEWAY

E 25TH STREET (REMAINS OPEN UNDER STATION)

ENTRY

FREIGHTHOUSE SQUARE

TACOMA LINK OPERATIONS AND MAINTENANCE FACILITY

SOUNDER/AMTRAK

TPSS

UP/DOWN ESCALATORS

ELEVATOR

PLAZA

SEE F00-ASP102 FOR TRANSIT PROGRAM

SEE F00-ASP102 FOR TRANSIT PROGRAM

E 26TH STREET

E 26TH STREET

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see track plan and profile drawings

0 50' 100'

N

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TACOMA 25TH STREET EAST STATION
SITE PLAN

F0B-ASP101
165

12/18/2020 7:33:34 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

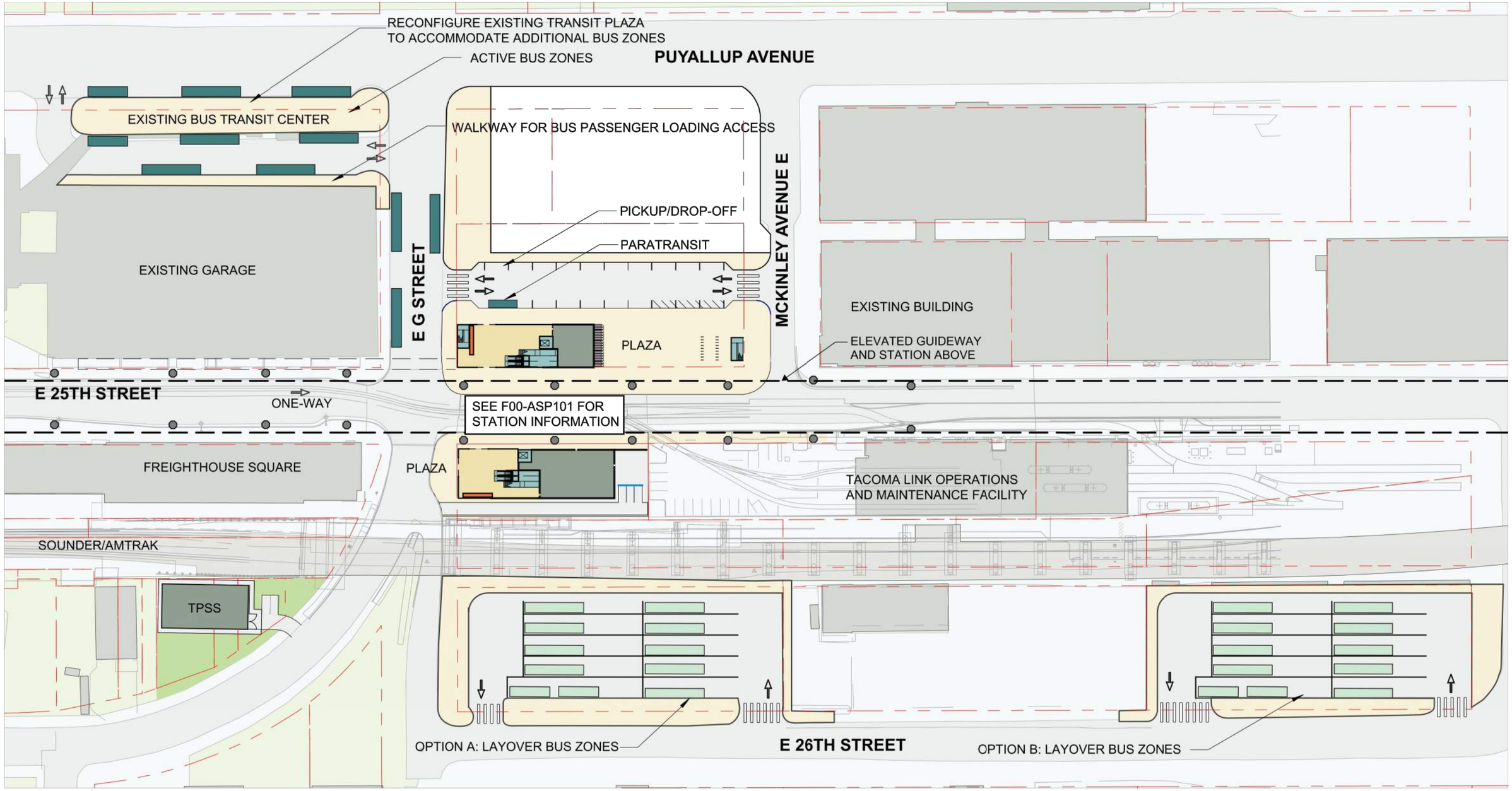

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 50' 100'

N

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TACOMA 25TH STREET EAST STATION
SITE PLAN - TRANSIT INTEGRATION

F0B-ASP102
166

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

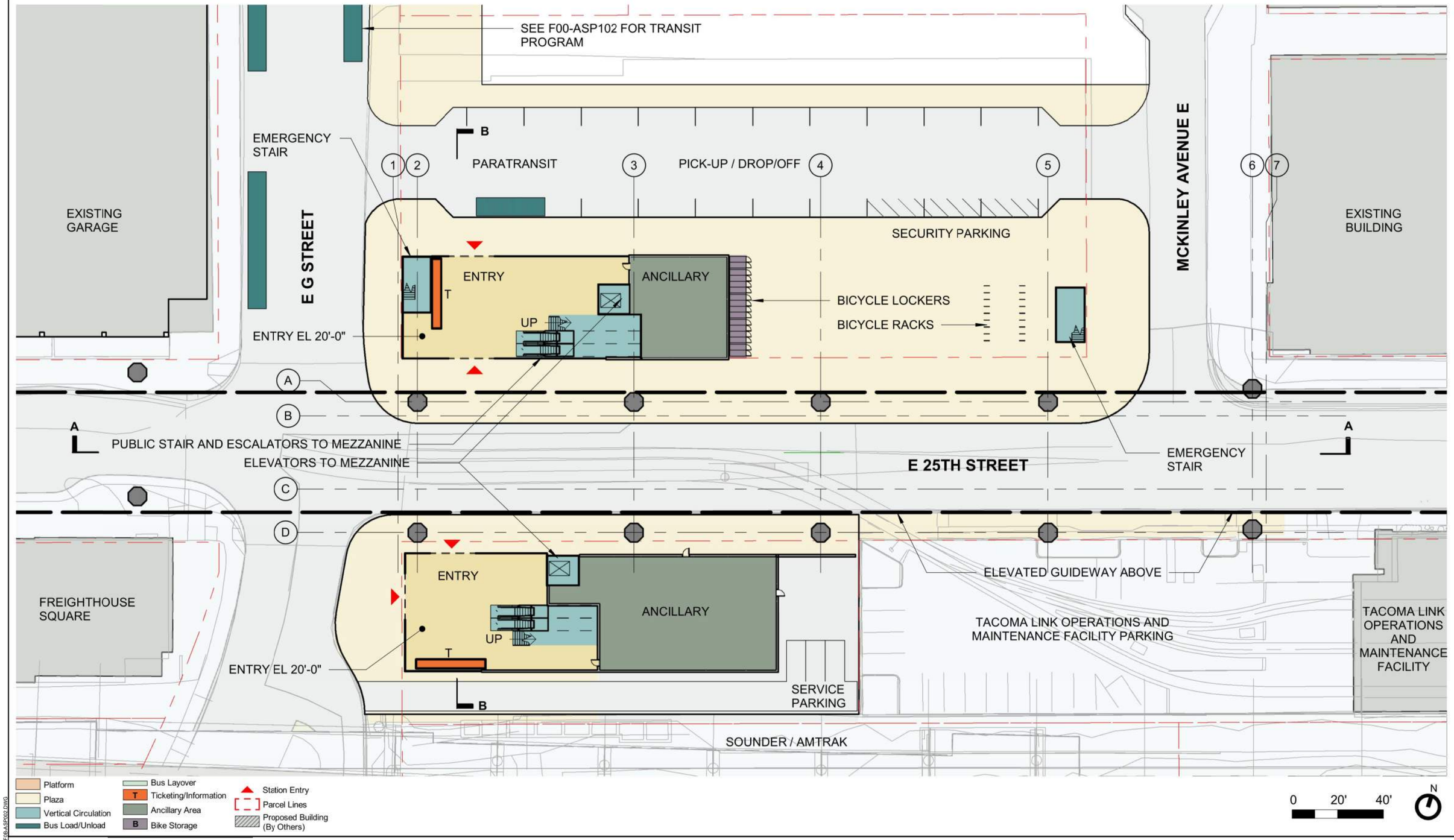

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TACOMA 25TH STREET EAST STATION
PLAZA LEVEL PLAN

F0B-APP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

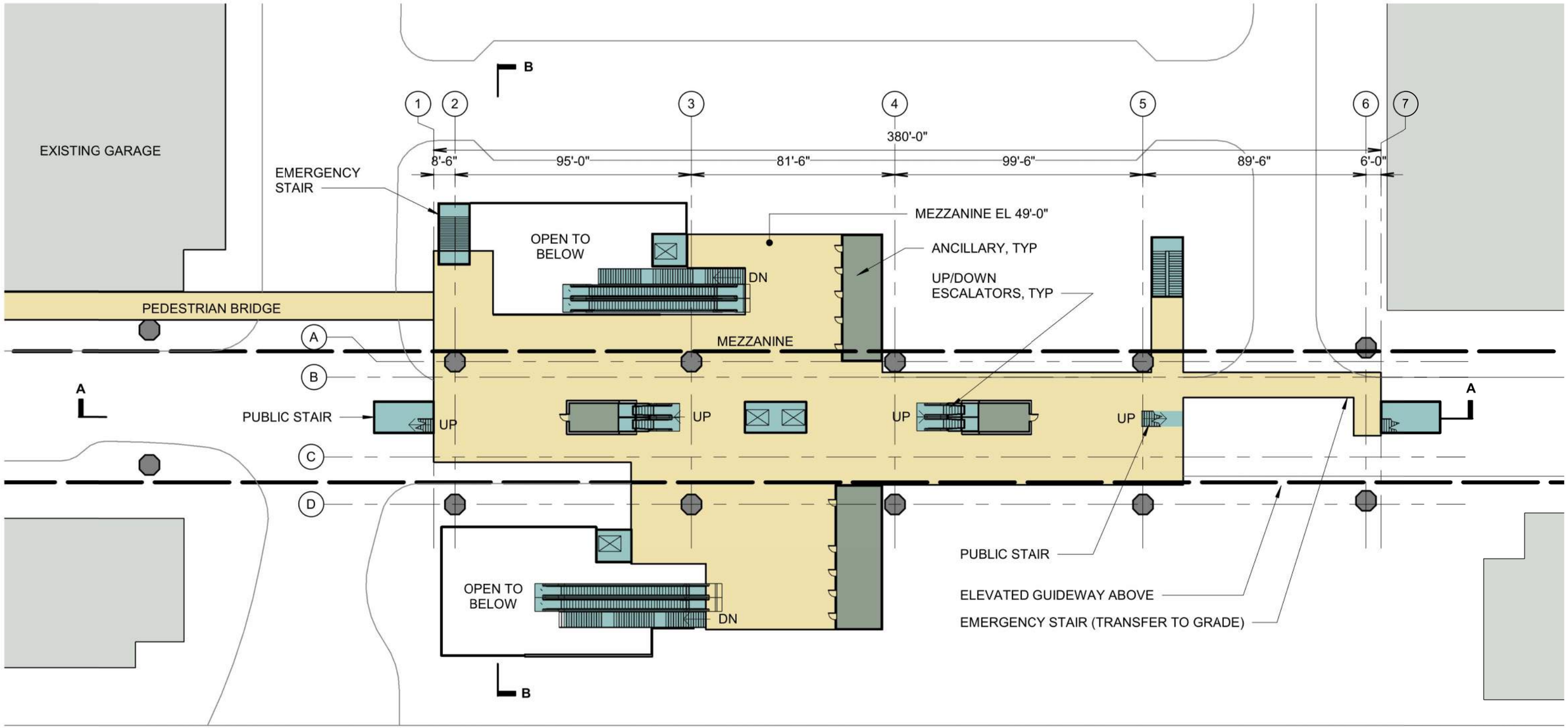

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TACOMA 25TH STREET EAST STATION
MEZZANINE LEVEL PLAN

F0B-APP102
168

12/18/2020 7:33:40 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

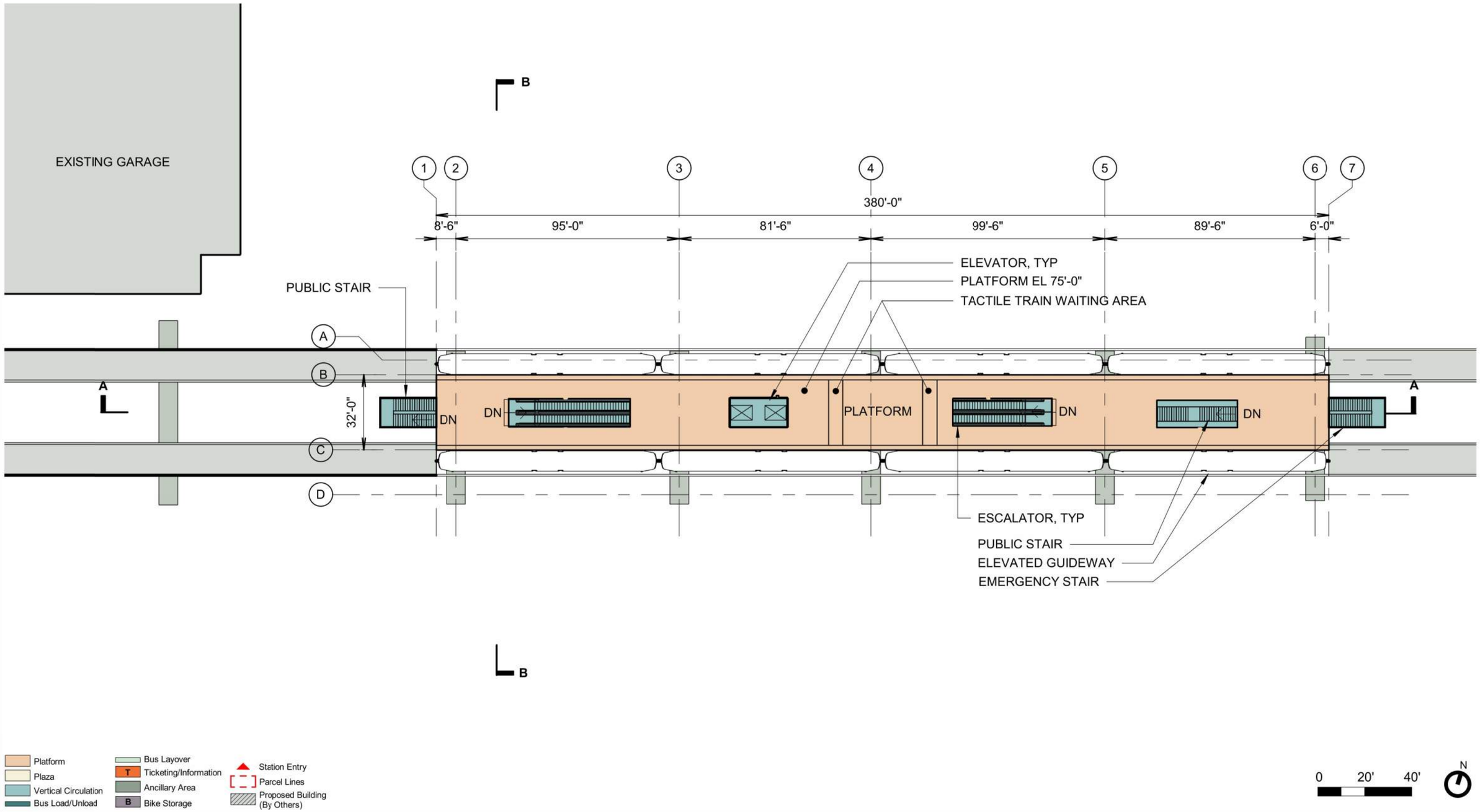

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TACOMA 25TH STREET EAST STATION
PLATFORM LEVEL PLAN

F0B-APP103
169

12/18/2020 7:33:37 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

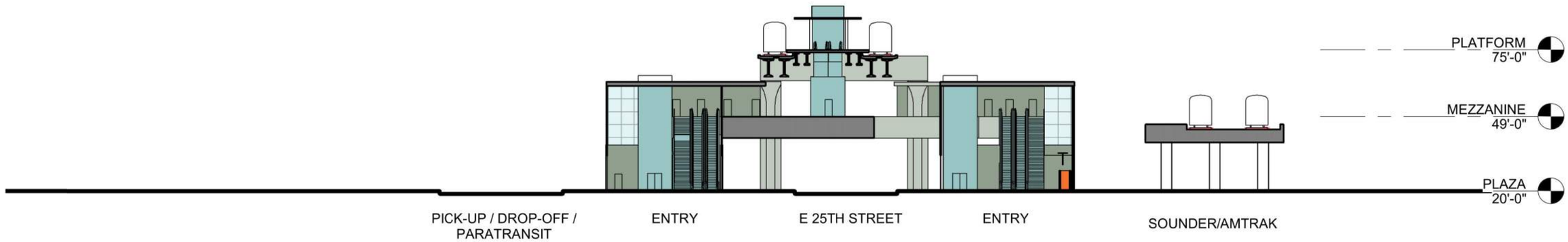

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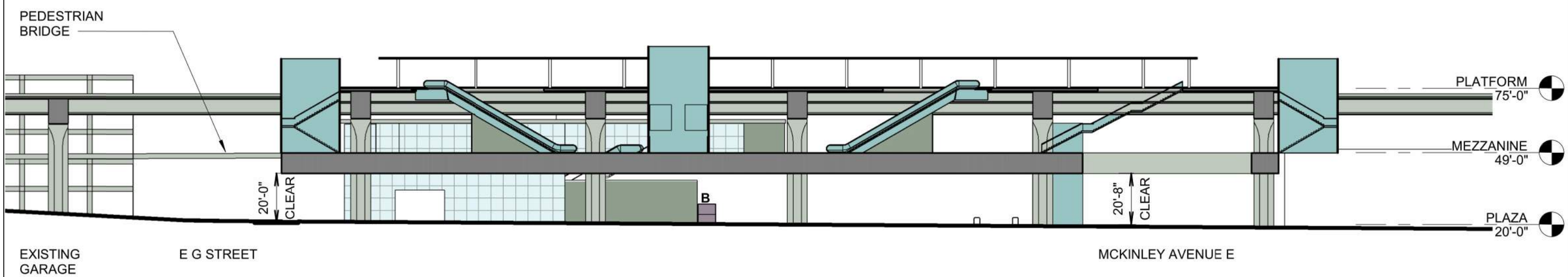

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 25TH STREET - EAST
TACOMA 25TH STREET EAST STATION
SECTIONS

F0B-ASX101
170

12/18/2020 7:33:26 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

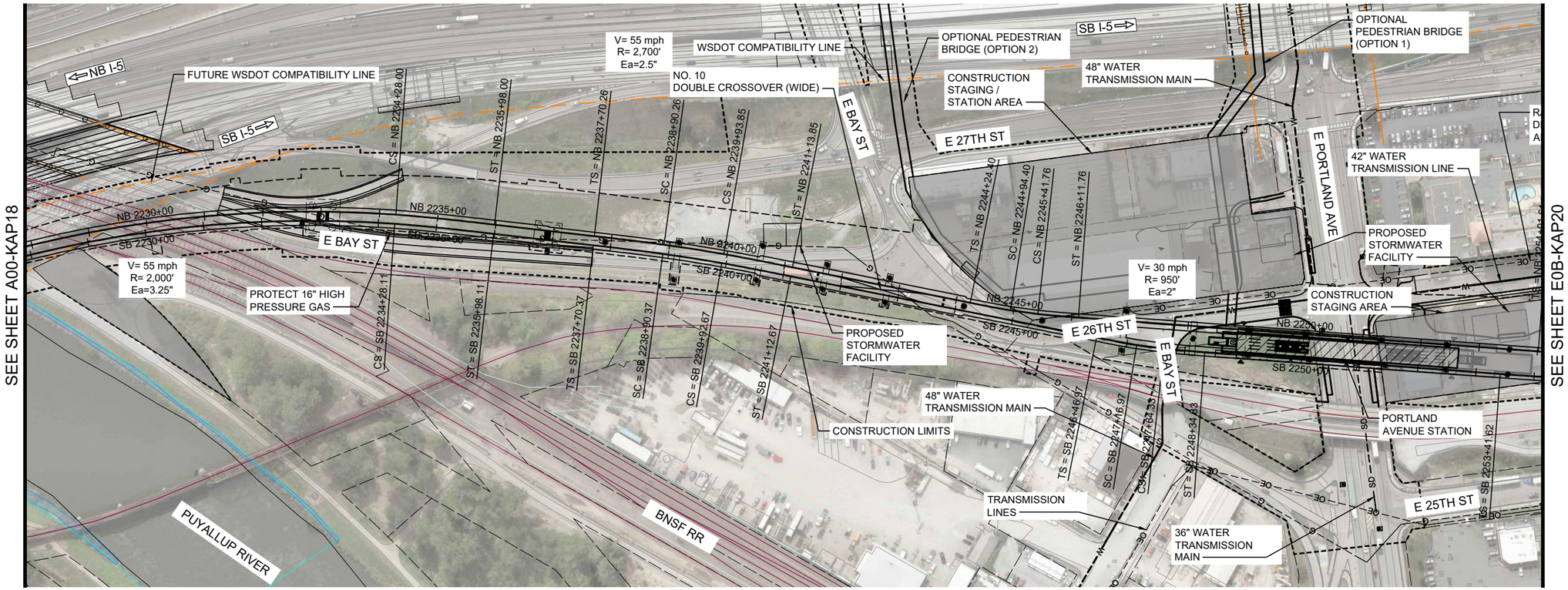

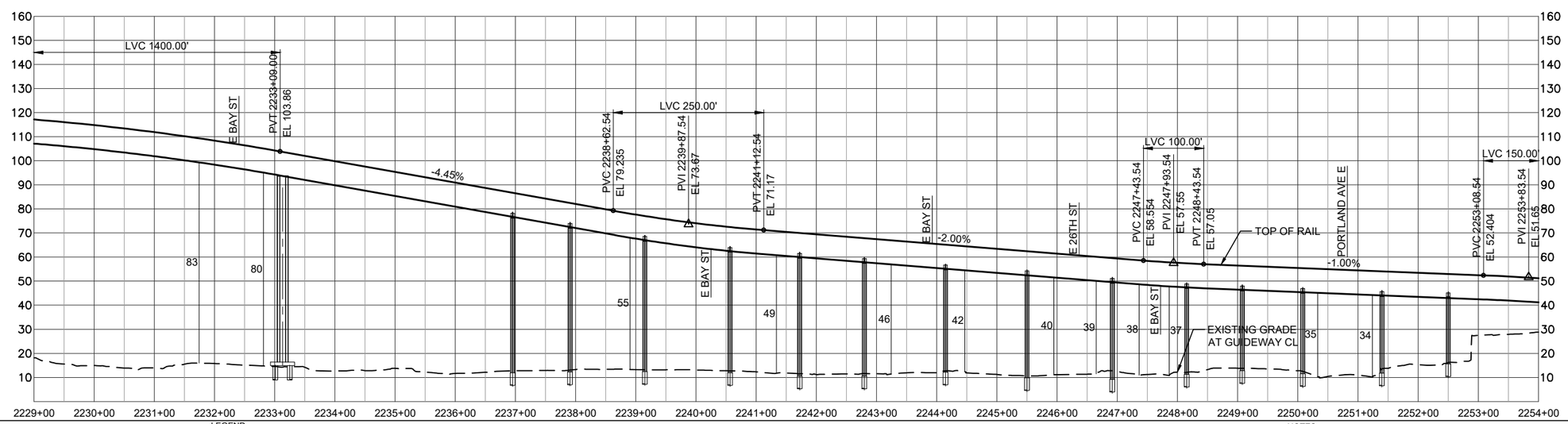

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TRACK PLAN AND PROFILE
STA 2229+00 TO STA 2254+00

E0B-KAP19

10/17/2024 12:11:32 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

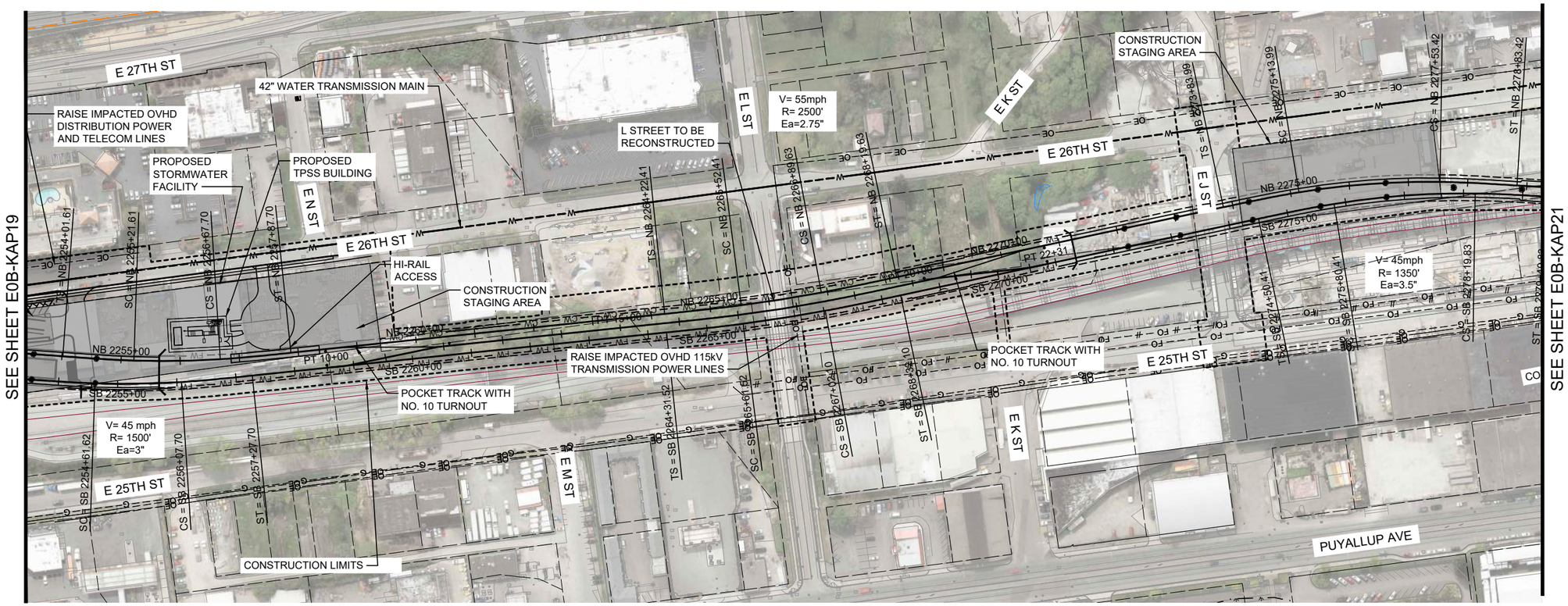

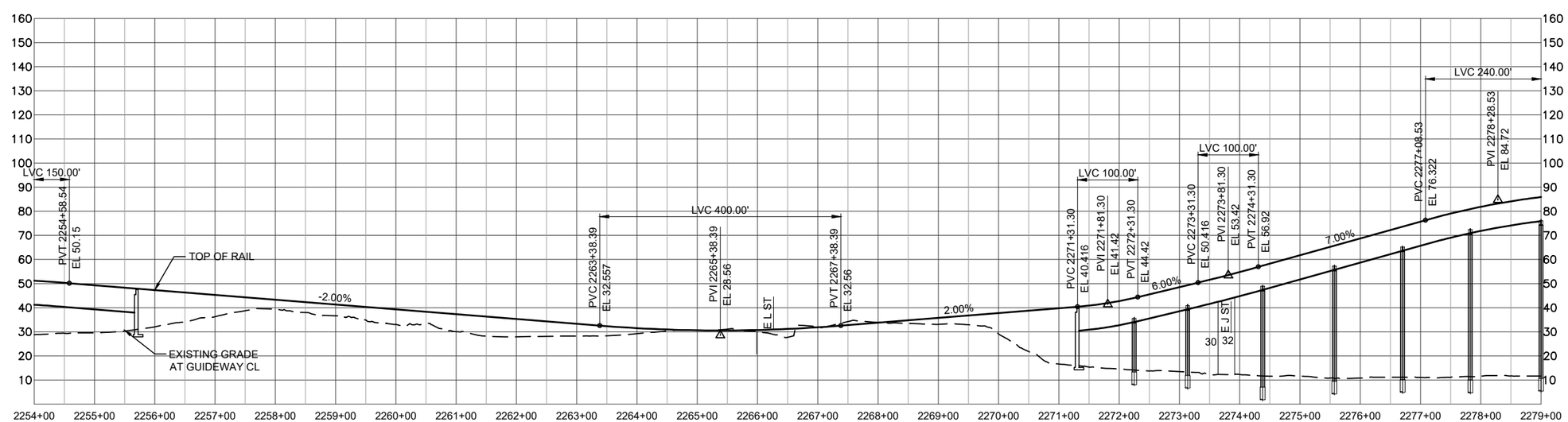

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HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TRACK PLAN AND PROFILE
STA 2254+00 TO STA 2279+00

E0B-KAP20

10/17/2024 12:12:37 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

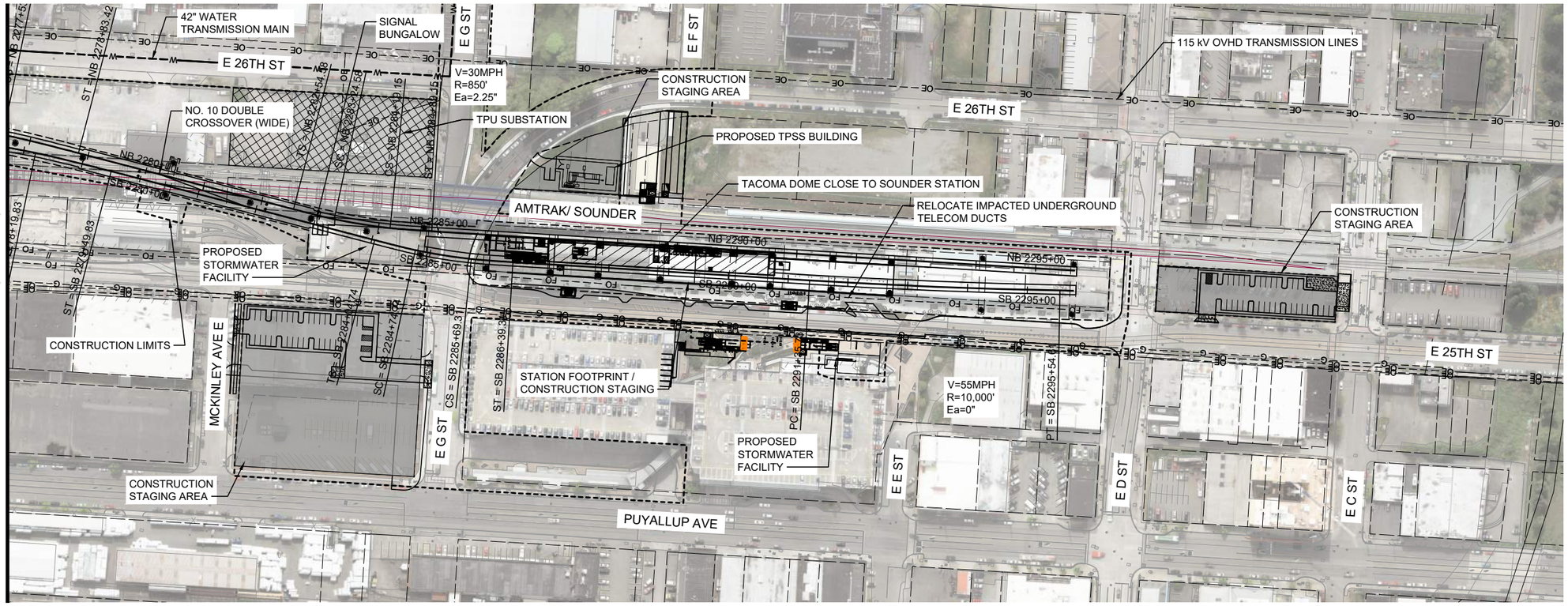

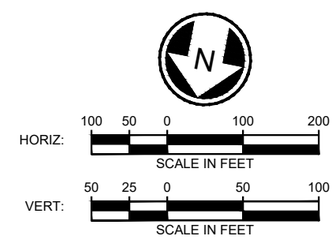

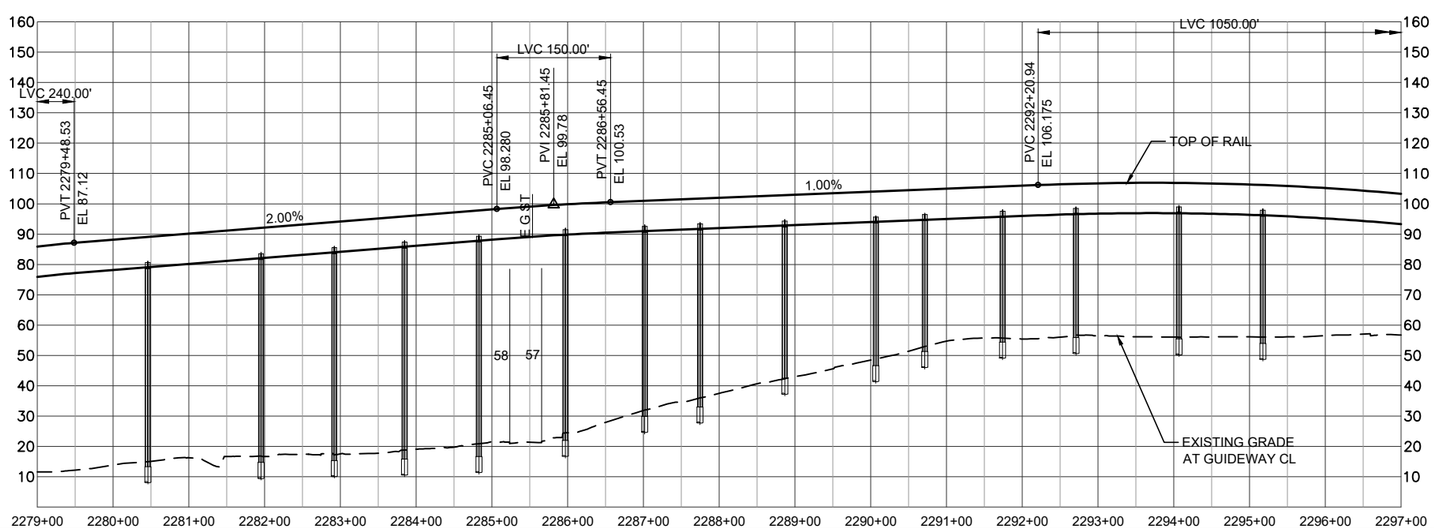

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TRACK PLAN AND PROFILE
STA 2279+00 TO STA 2297+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

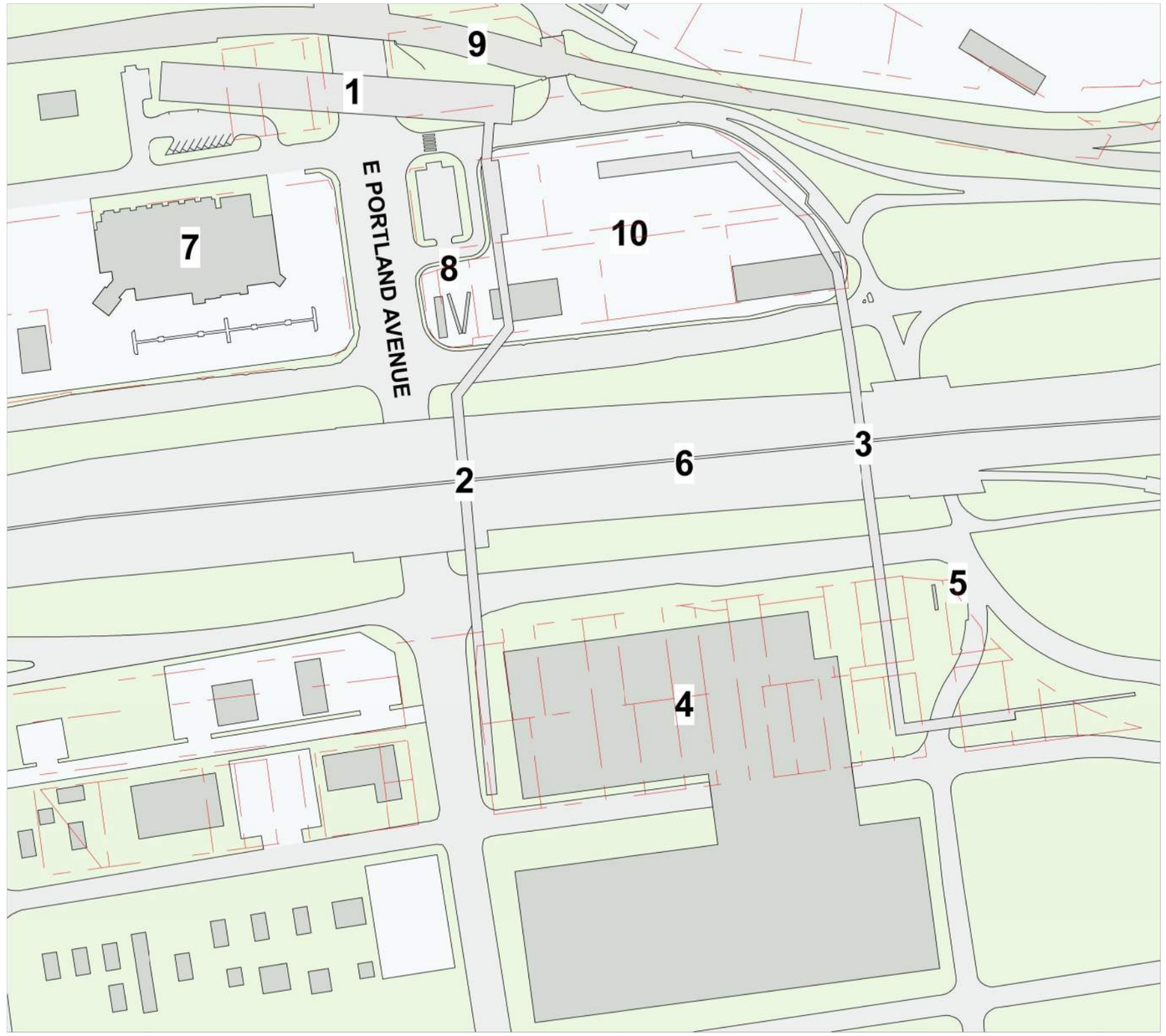

KEY

1. STATION
2. OPTIONAL BIKE AND PEDESTRIAN BRIDGE OPTION 1
3. OPTIONAL BIKE AND PEDESTRIAN BRIDGE OPTION 2
4. EMERALD QUEEN CASINO
5. CASINO MONUMENT SIGN, 120'
6. I-5
7. LA QUINTA
8. WAR PONY BILLBOARD, 85'
9. SOUNDER/AMTRAK
10. POTENTIAL CONSTRUCTION STAGING

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 100' 200'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
PORTLAND AVENUE - SPAN STATION OPTION
KEY PLAN

EB-ASP100
174

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

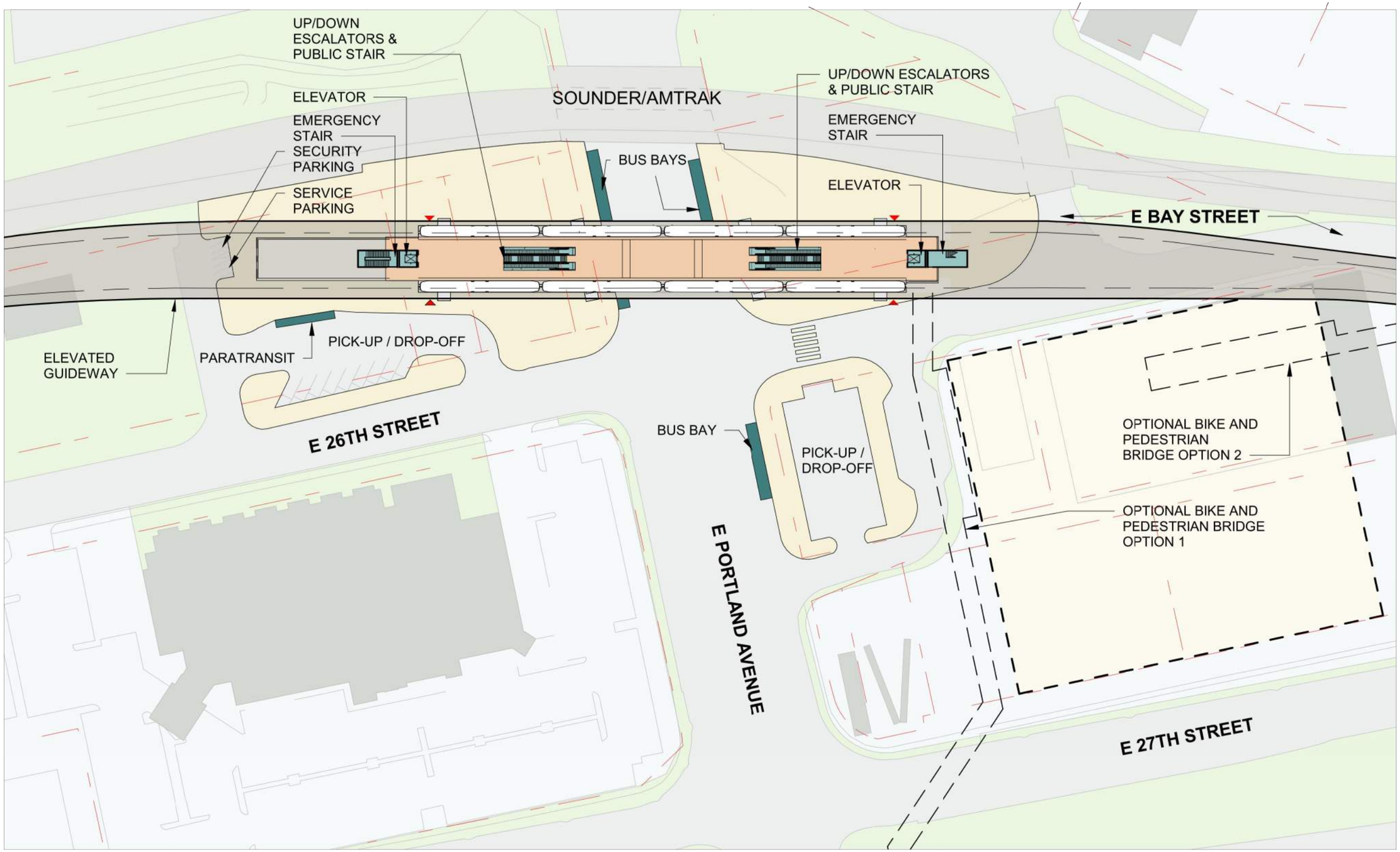

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 40' 80'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
PORTLAND AVENUE - SPAN STATION OPTION
SITE PLAN

EB-ASP101
175

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDER/AMTRAK

UP/DOWN ESCALATOR & PUBLIC STAIR

SECURITY PARKING

SERVICE PARKING

ENTRY EL 14'- 0"

ELEVATOR

EMERGENCY STAIR

BIKE LOCKERS

BUS BAYS

ANCILLARY

UP

T

B

BIKE RACKS

PARATRANSIT

PICK-UP / DROP-OFF

ELEVATED GUIDEWAY, ABOVE

UP/DOWN ESCALATOR & PUBLIC STAIR

ELEVATOR

EMERGENCY STAIR

ENTRY EL 14'- 0"

E 26TH STREET

E PORTLAND AVENUE

PICK-UP / DROP-OFF

BUS BAY

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
PORTLAND AVENUE - SPAN STATION OPTION
PLAZA LEVEL PLAN

EB-APP101
176

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

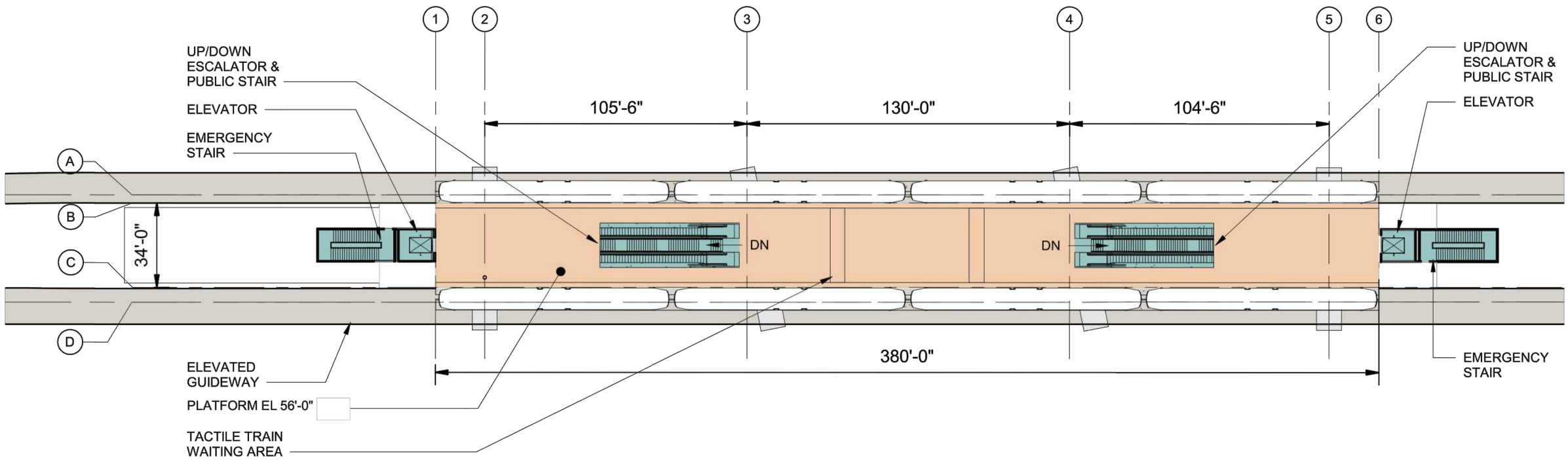

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
PORTLAND AVENUE - SPAN STATION OPTION
PLATFORM LEVEL PLAN

EB-APP102
177

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

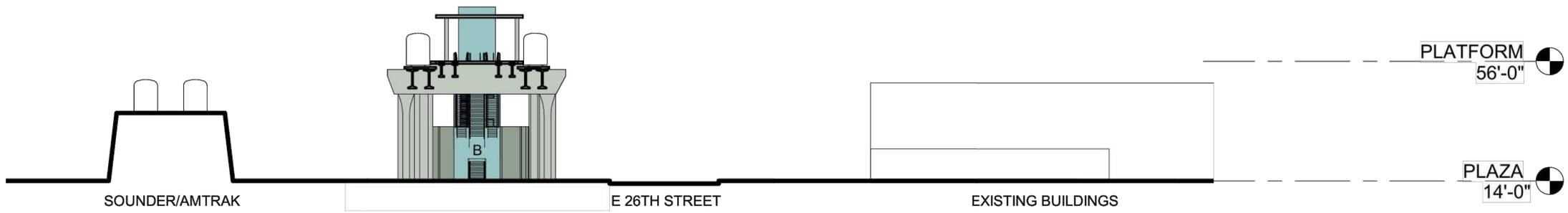

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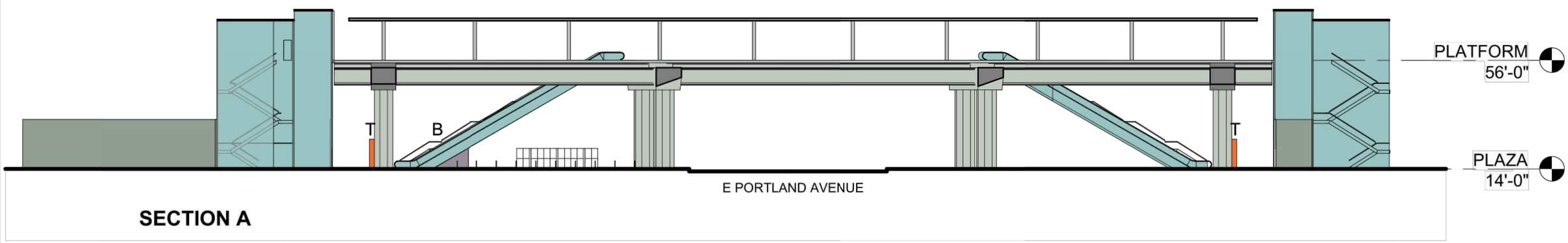

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
PORTLAND AVENUE - SPAN STATION OPTION
SECTIONS

EB-ASX101
178

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

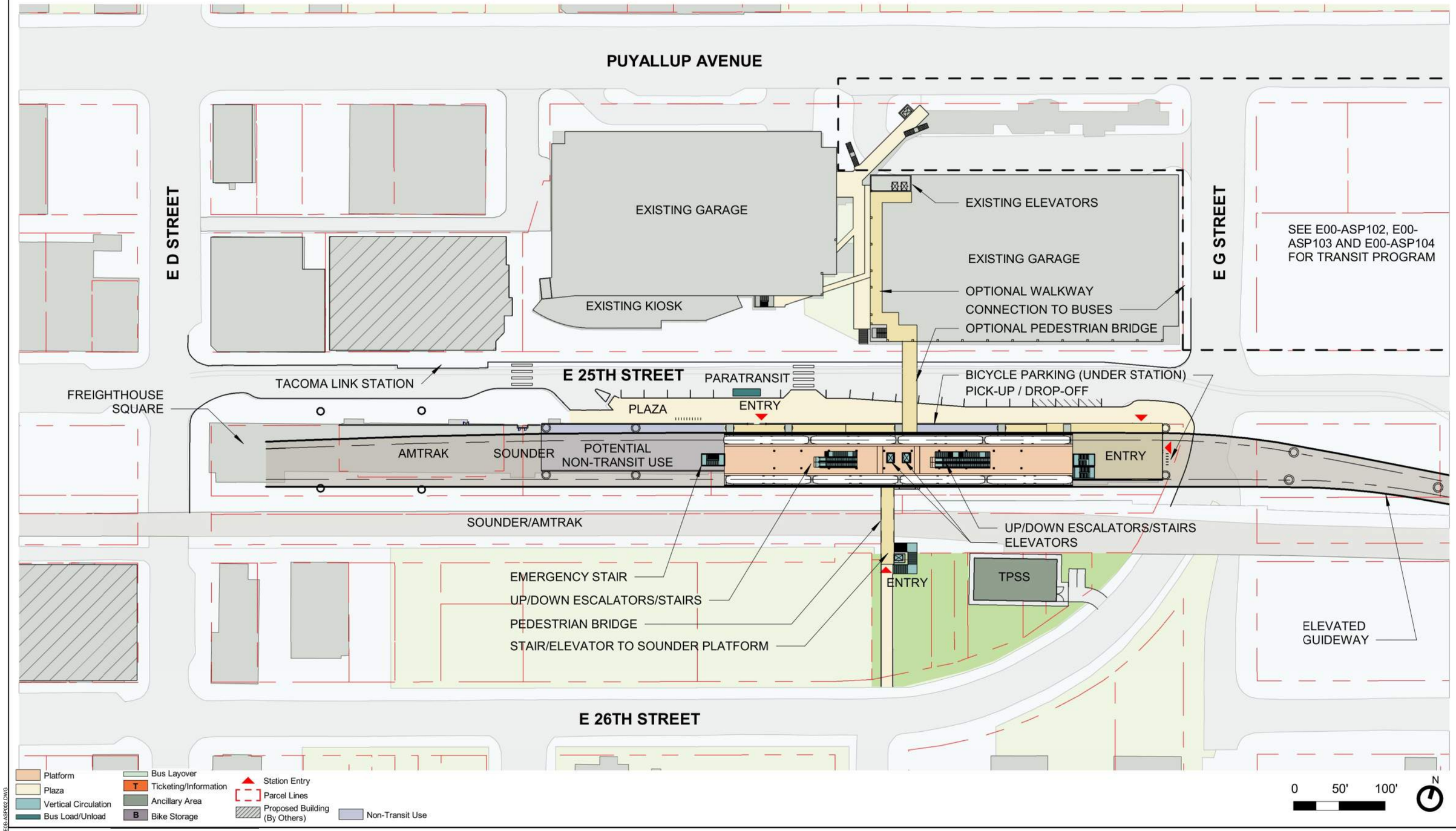

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
SITE PLAN

E0B-ASP101

12/18/2020 8:05:27 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

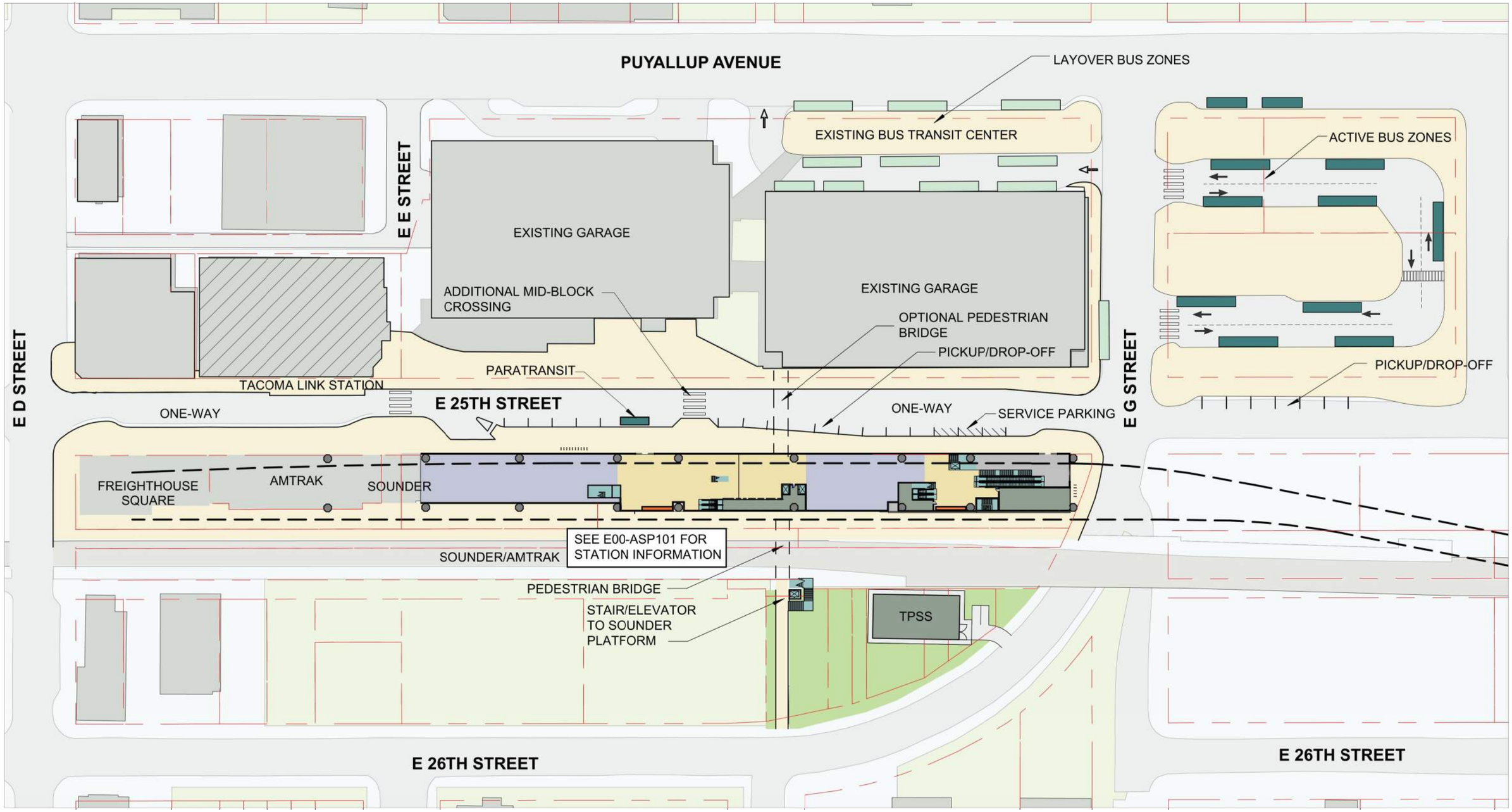

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)
Non-Transit Use

0 50' 100'

N

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
SITE PLAN - TRANSIT - BASE OPTION

E0B-ASP102
180

12/18/2020 8:05:31 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

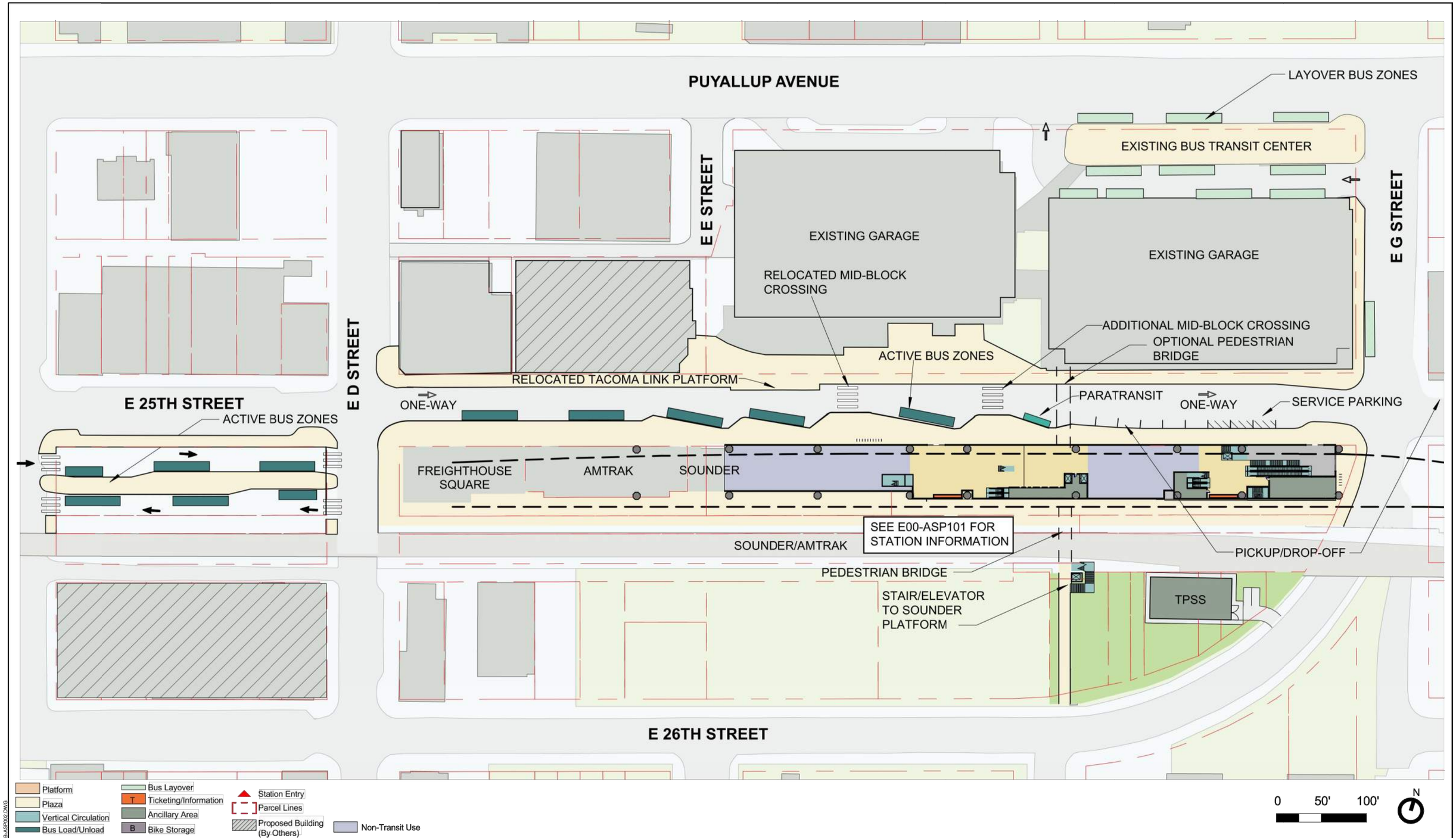

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
SITE PLAN - TRANSIT - 25TH STREET ONE-WAY OPTION

E0B-ASP103
181

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

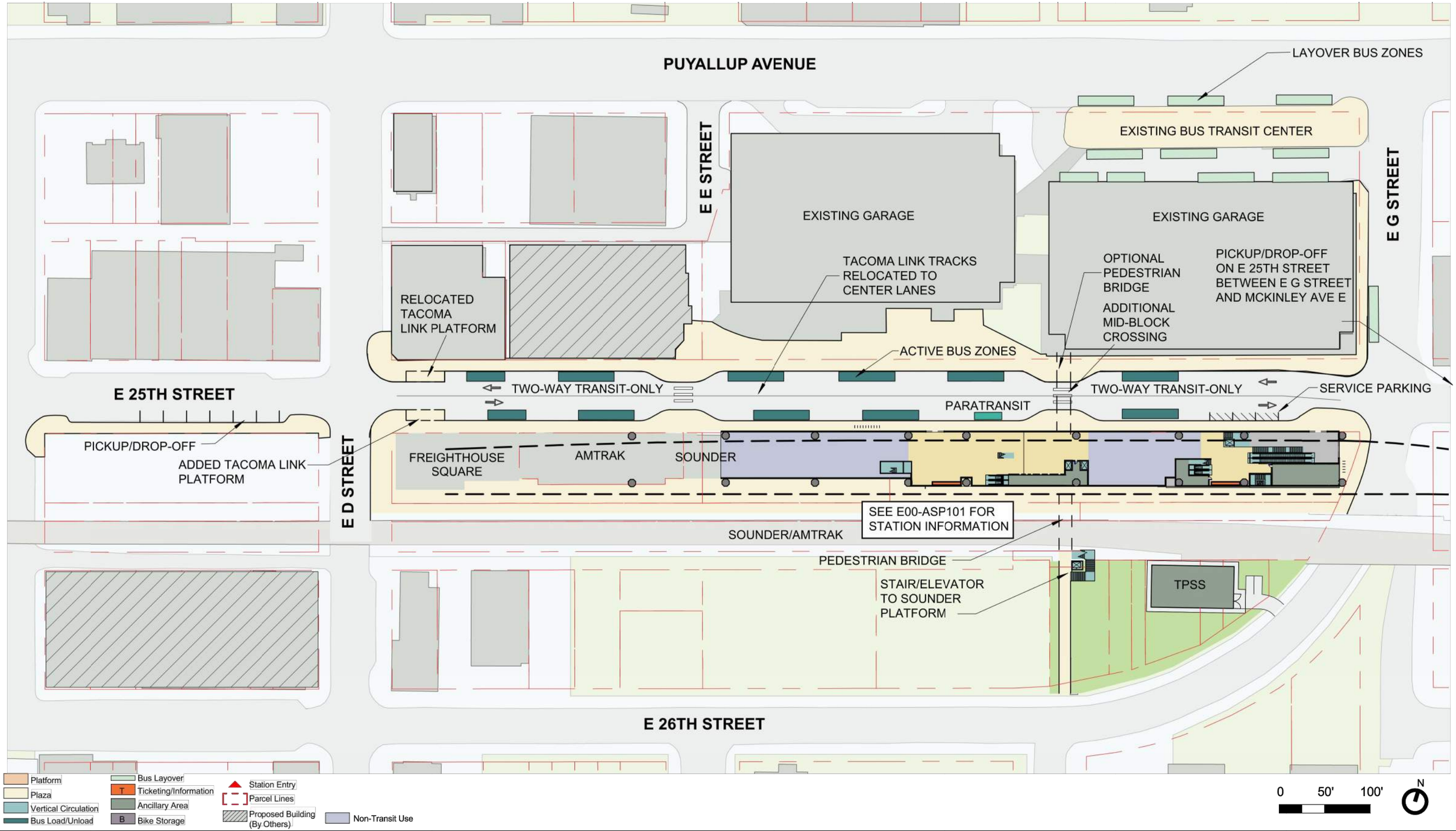

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
SITE PLAN - TRANSIT - 25TH STREET TWO-WAY TRANSIT ONLY OPTION

E0B-ASP104

12/18/2020 8:05:41 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

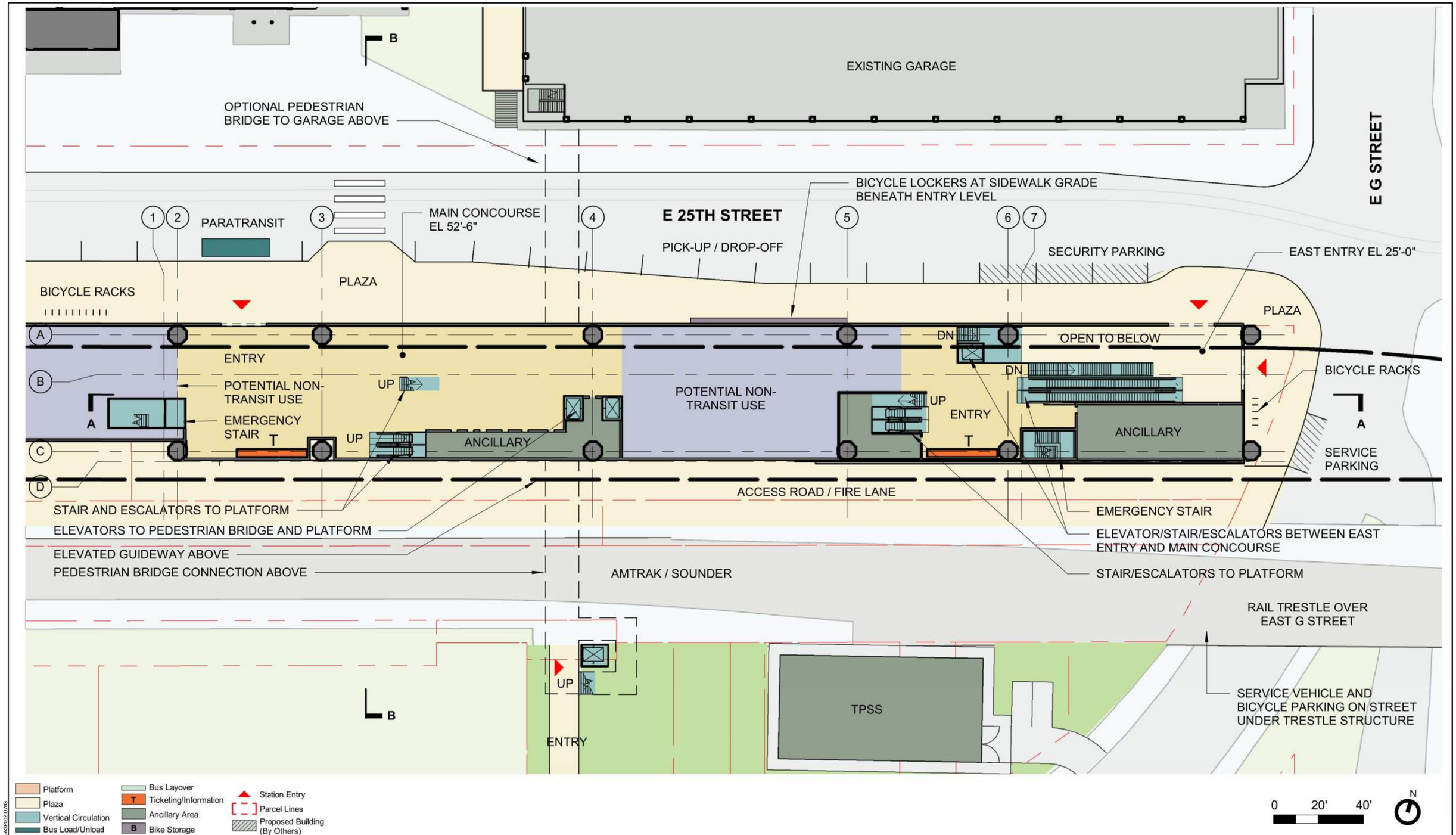

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
PLAZA LEVEL PLAN

E0B-APP101
183

12/18/2020 8:05:45 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

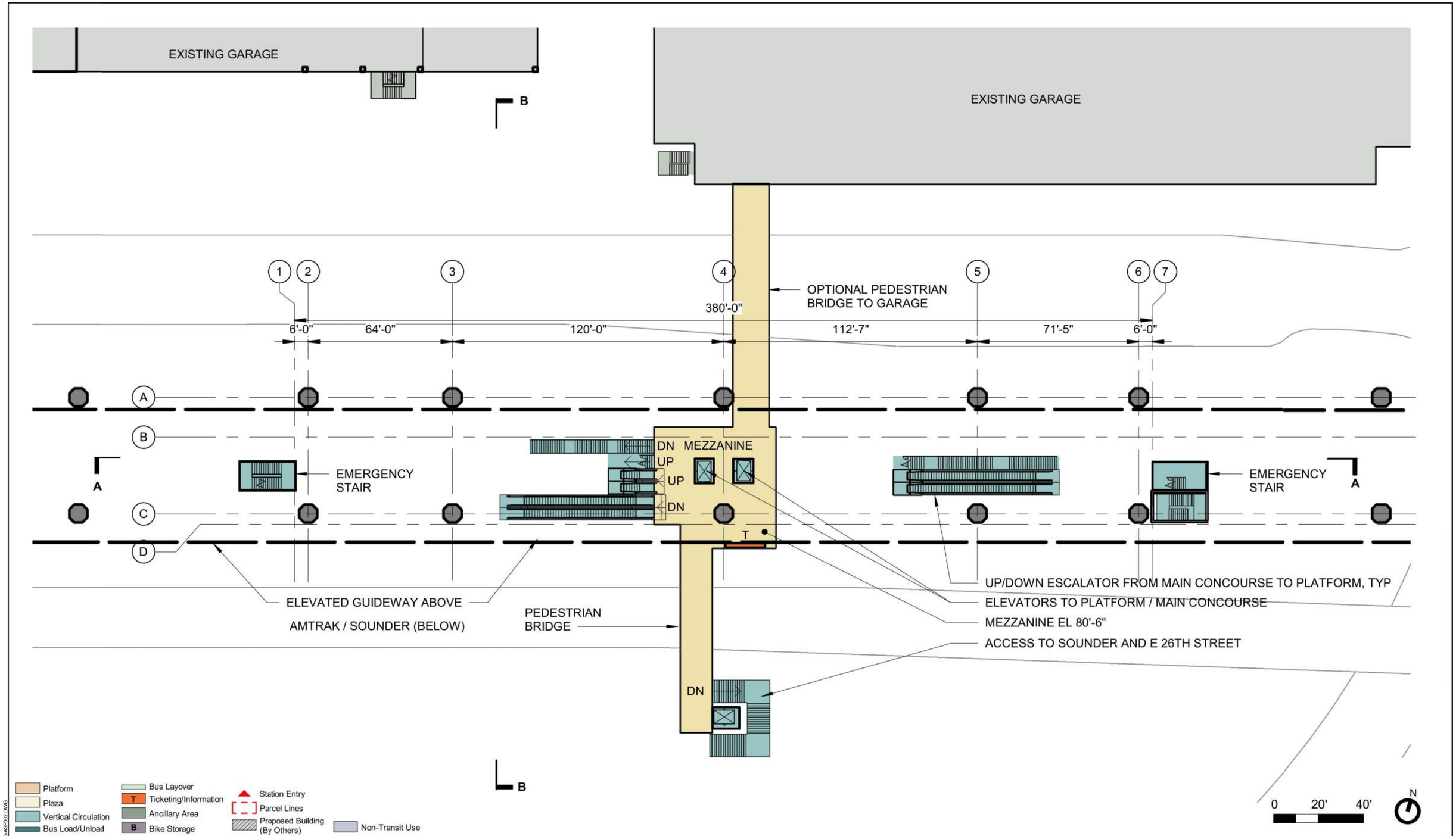

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
MEZZANINE LEVEL PLAN

E0B-APP102
184

12/18/2020 8:05:49 AM
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

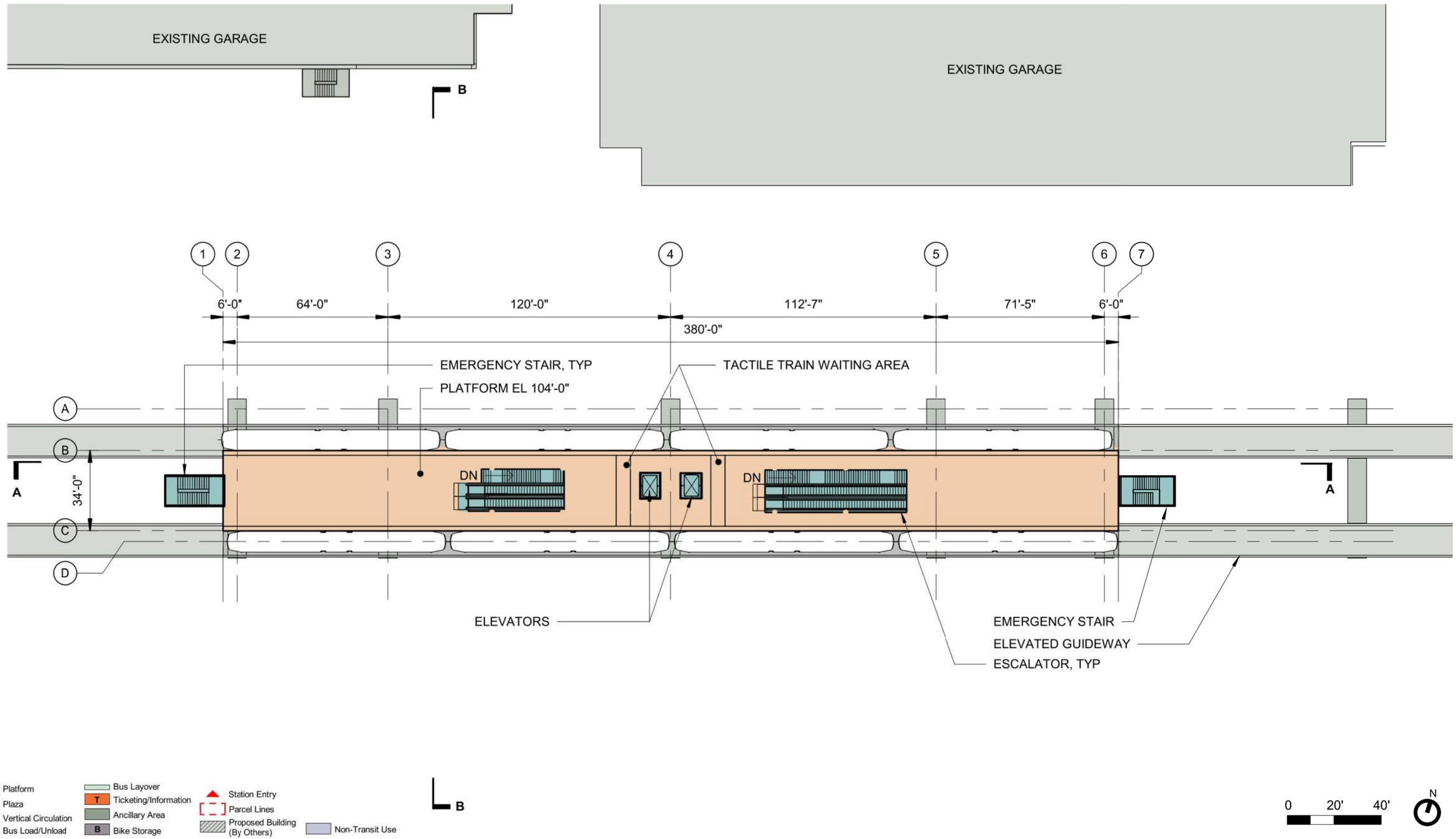

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
PLATFORM LEVEL PLAN

E0B-APP103
185

12/18/2020 8:05:53 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

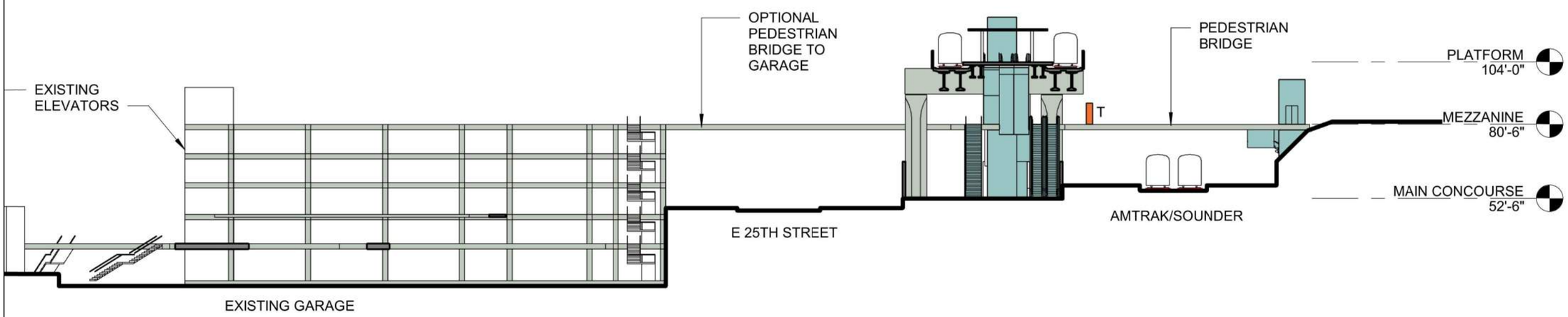

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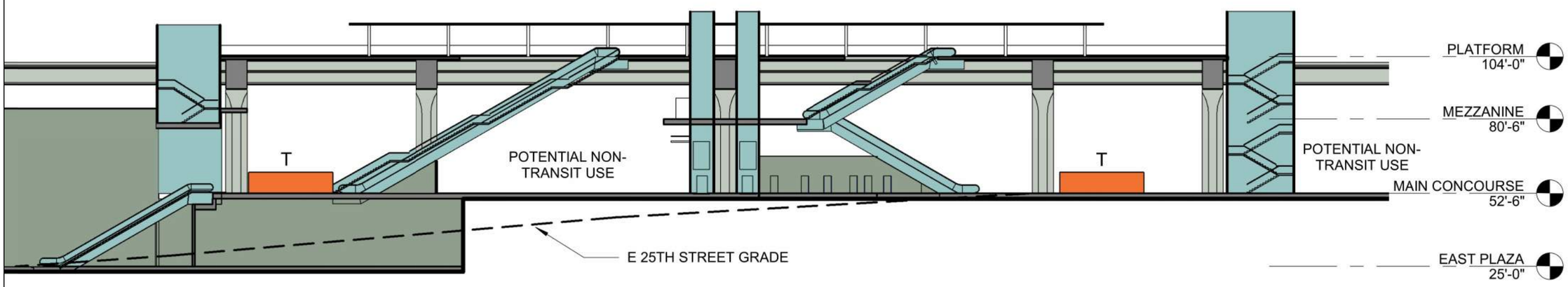

ION A

Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA CLOSE TO SOUNDER
TACOMA CLOSE TO SOUNDER STATION
SECTIONS

E0B-ASX101
186

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

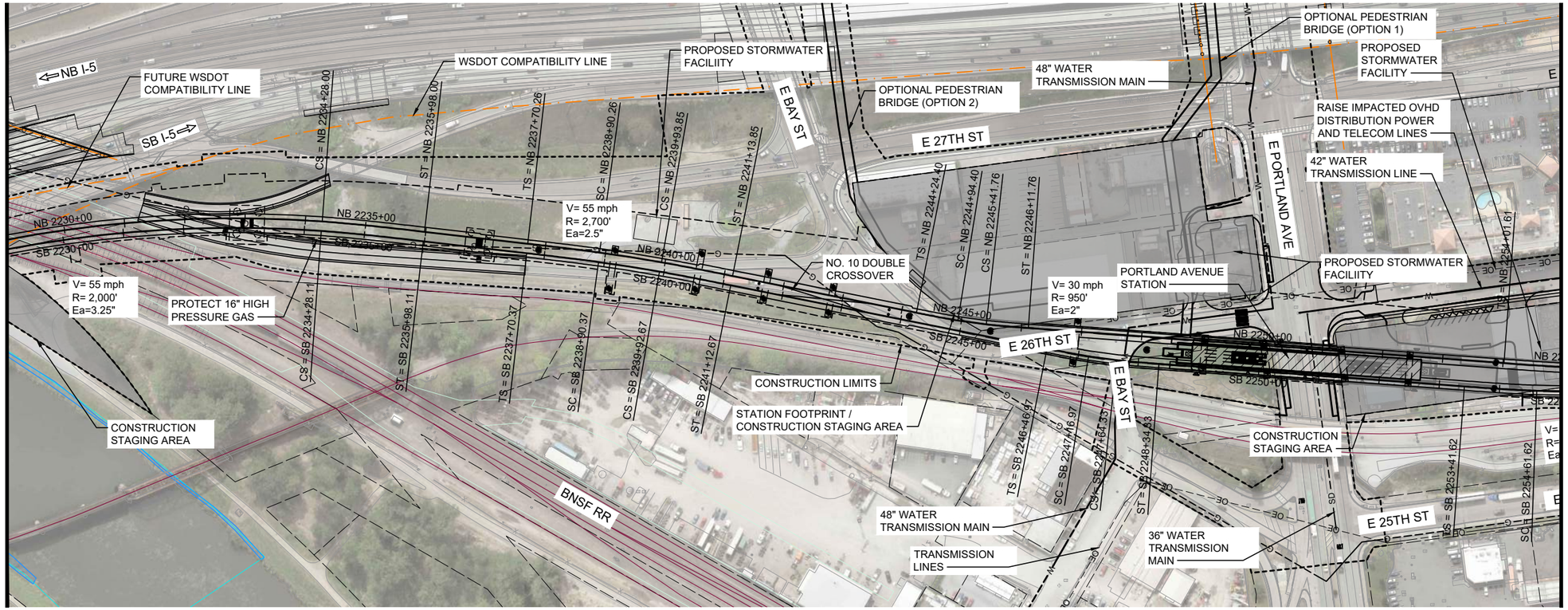

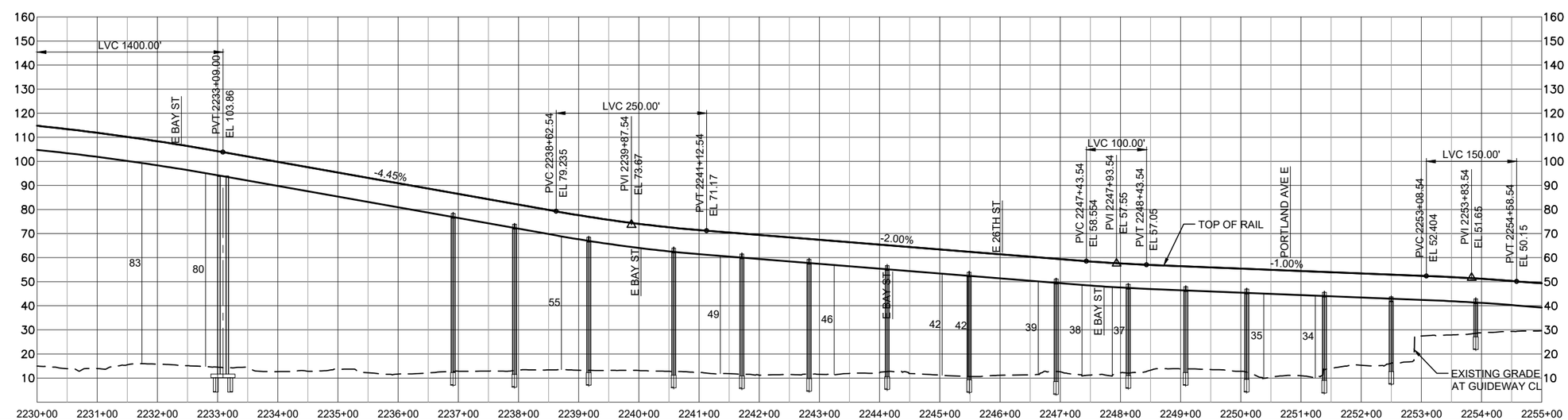

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TRACK PLAN AND PROFILE
STA 2230+00 TO STA 2255+00

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

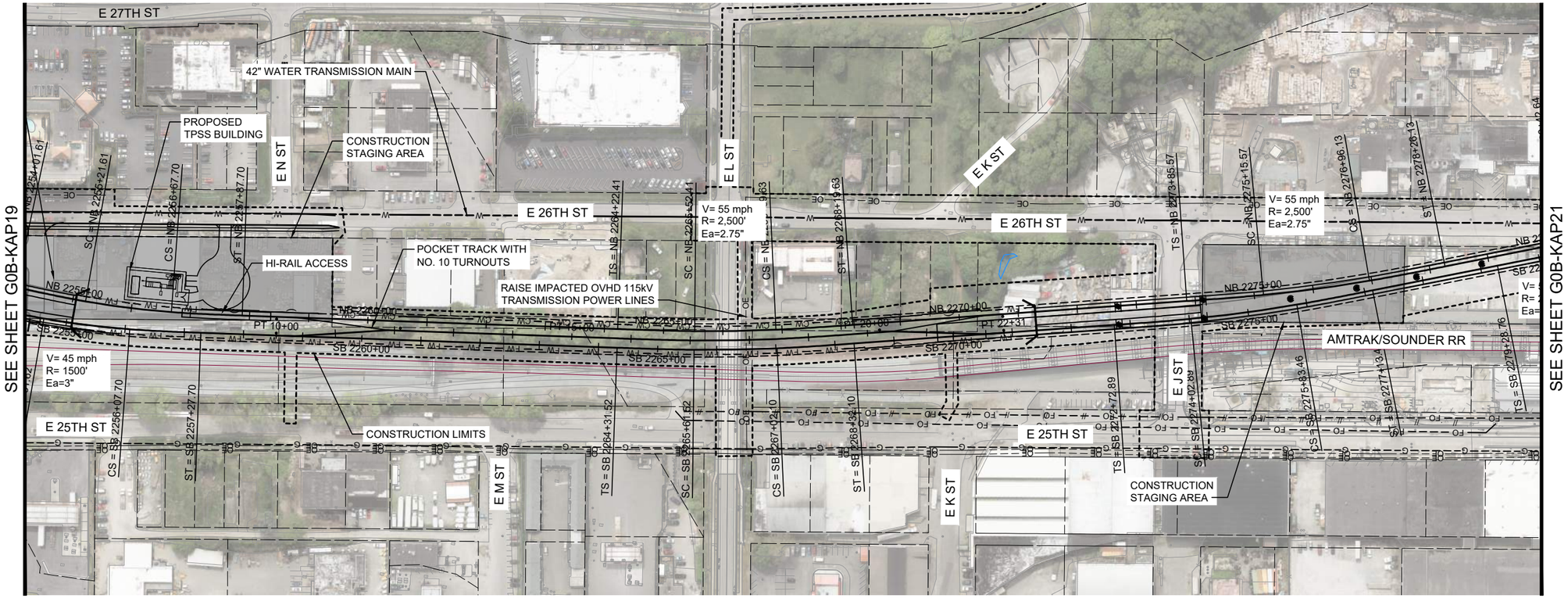

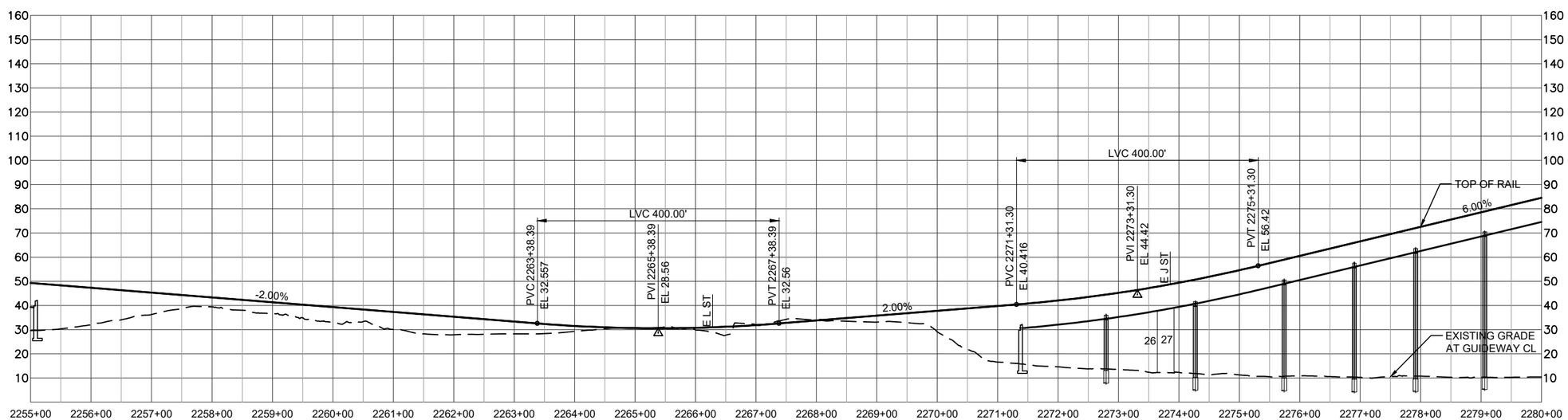

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TRACK PLAN AND PROFILE
STA 2255+00 TO STA 2280+00

G0B-KAP20

8/19/2024 3:23:45 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

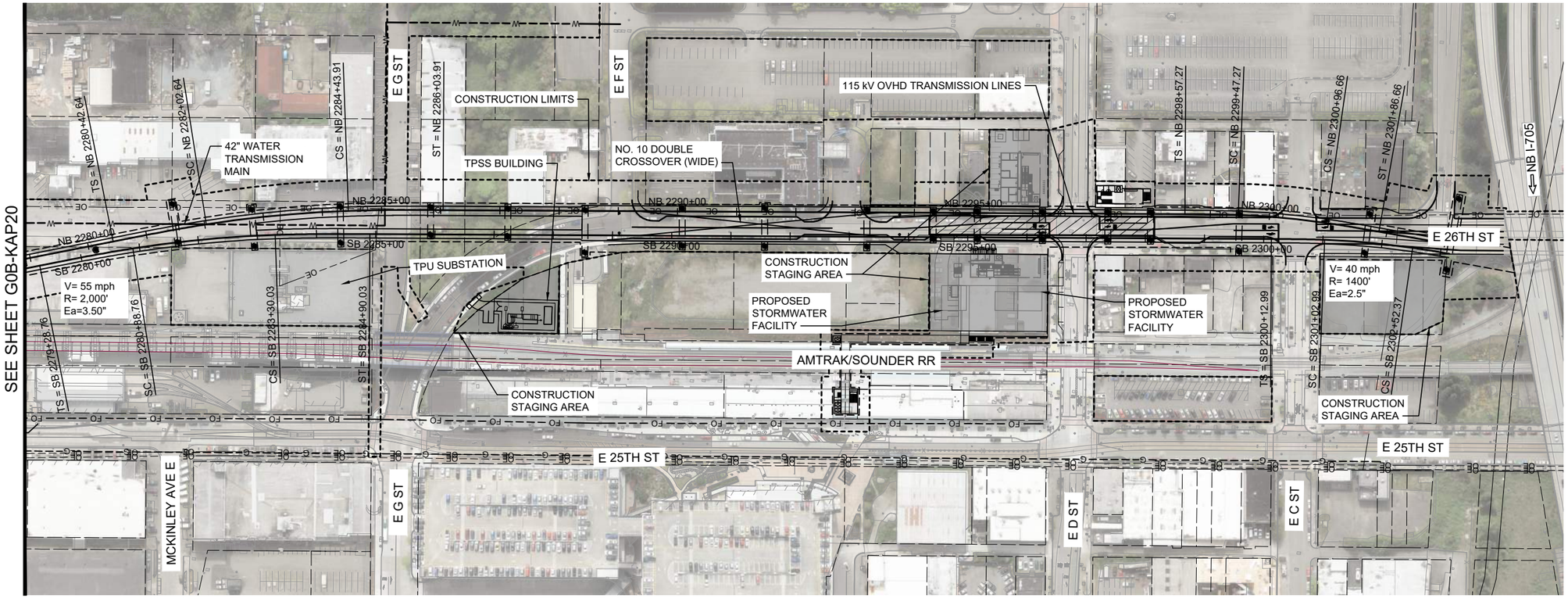

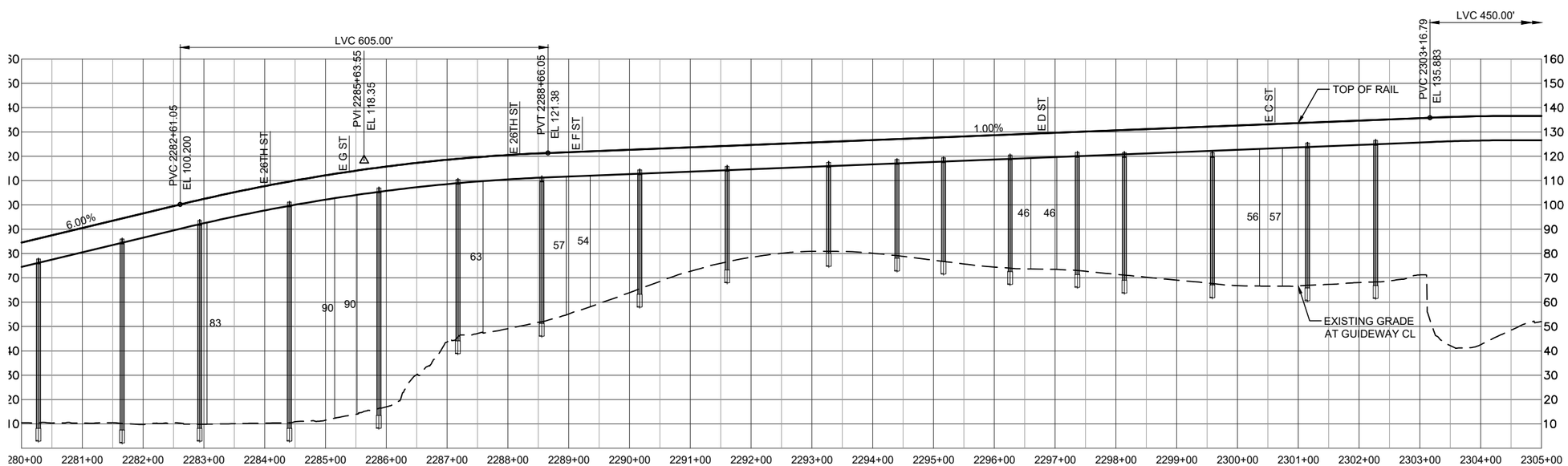

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 50 25 0 50 100 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TRACK PLAN AND PROFILE
STA 2280+00 TO STA 2305+00

8/19/2024 3:23:54 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

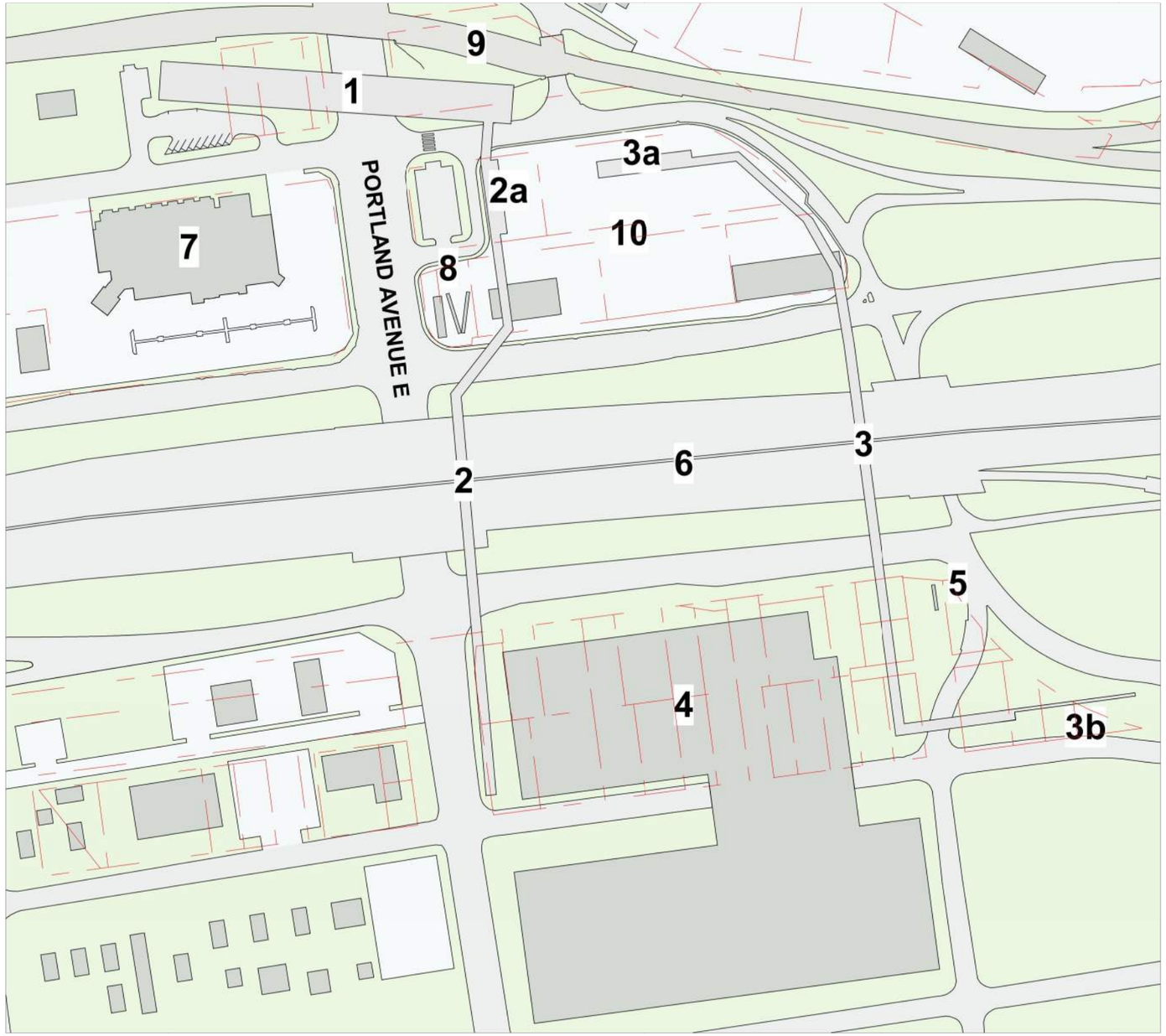

KEY

1. STATION
2. PED BRIDGE OPTION 01
2a. RAMP FOR PED BRIDGE OPTION 01
3. PED BRIDGE OPTION 02
3a. RAMP FOR PED BRIDGE OPTION 02
3b. RAMP FOR PED BRIDGE OPTION 02
4. EMERALD QUEEN CASINO
5. CASINO MONUMENT SIGN, 120'
6. I-5
7. LA QUINTA
8. WAR PONY BILLBOARD, 85'
9. SOUNDER/AMTRAK
10. POTENTIAL CONSTRUCTION STAGING

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 100' 200'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
PORTLAND AVENUE - SPAN STATION OPTION
KEY PLAN

G0B-ASP100
190

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

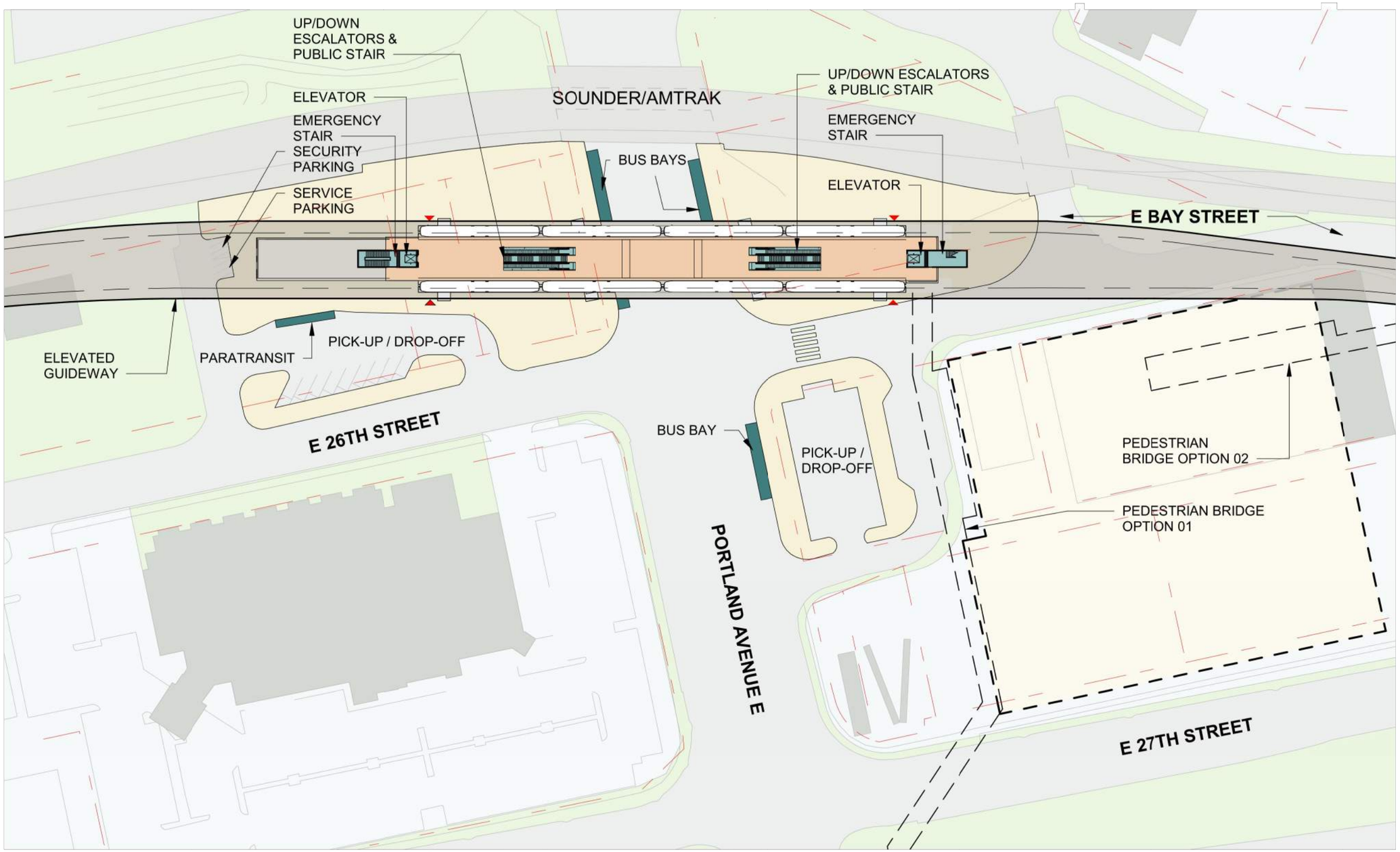

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 40' 80'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
PORTLAND AVENUE - SPAN STATION OPTION
SITE PLAN

G0B-ASP101
191

12/18/2020 8:24:44 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

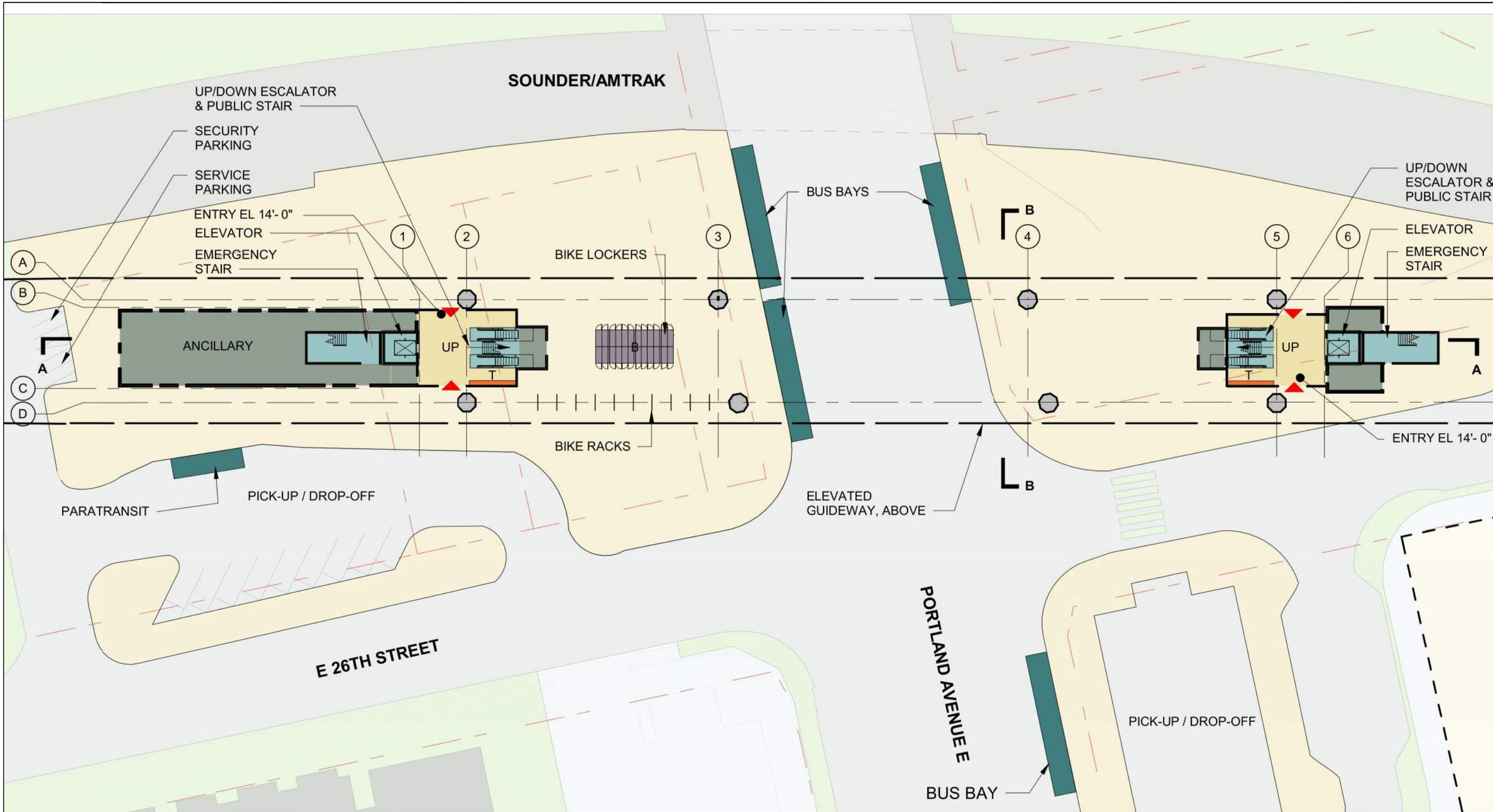

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

*Does not represent all necessary construction staging areas; see staging plans

0 20' 40'

N

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
PORTLAND AVENUE - SPAN STATION OPTION
PLAZA LEVEL PLAN

G0B-APP101
192

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

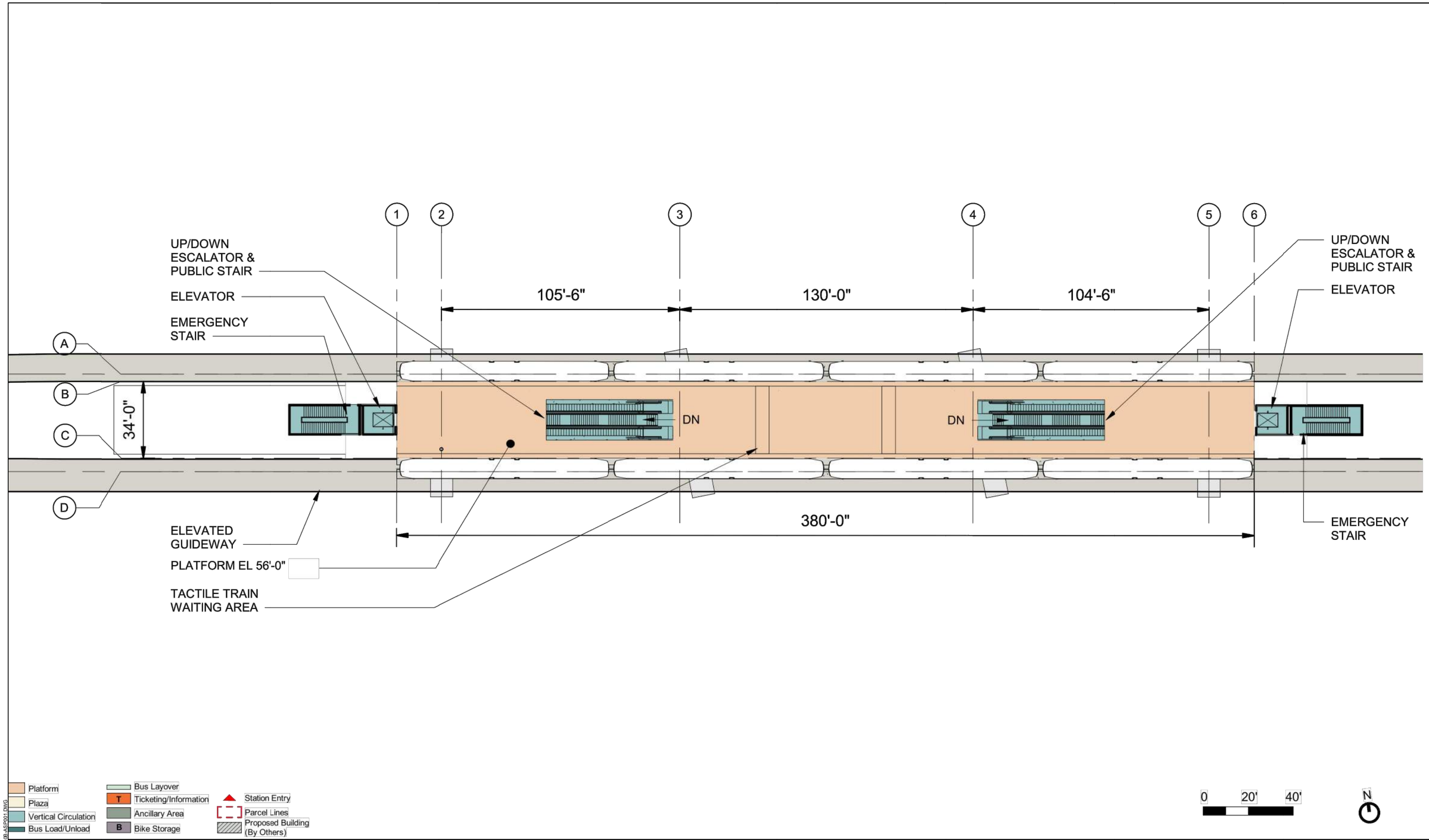

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CFOX

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
PORTLAND AVENUE - SPAN STATION OPTION
PLATFORM LEVEL PLAN

SOUND TRANSIT TACOMA DOME LINK EXTENSION

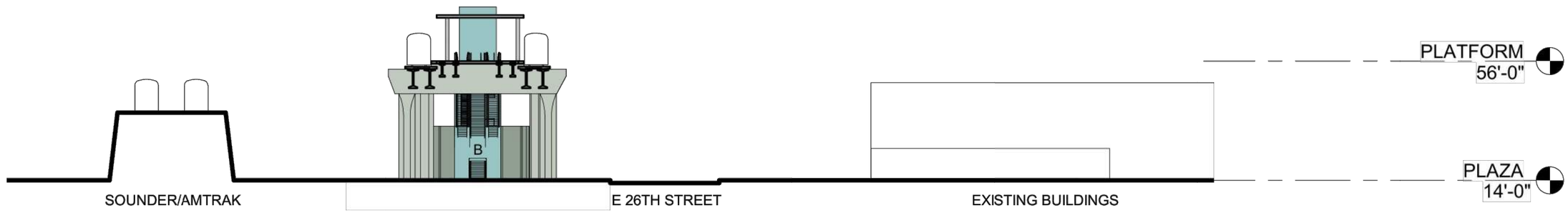

SECTION B

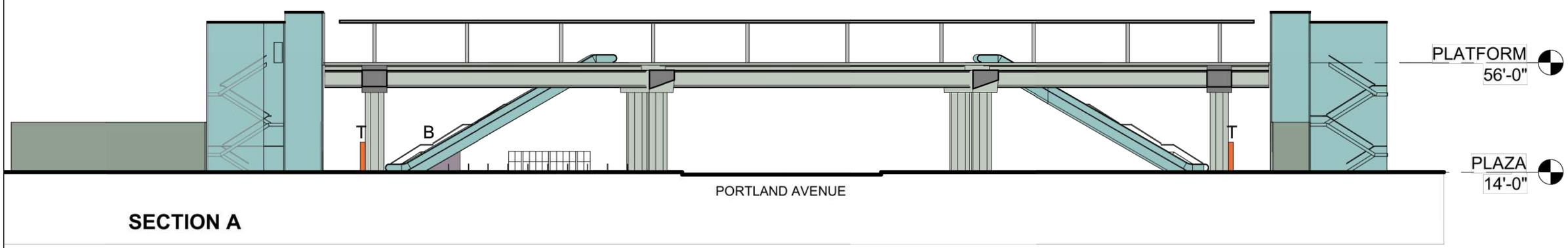

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT HDR

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
PORTLAND AVENUE - SPAN STATION OPTION
SECTIONS

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194

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

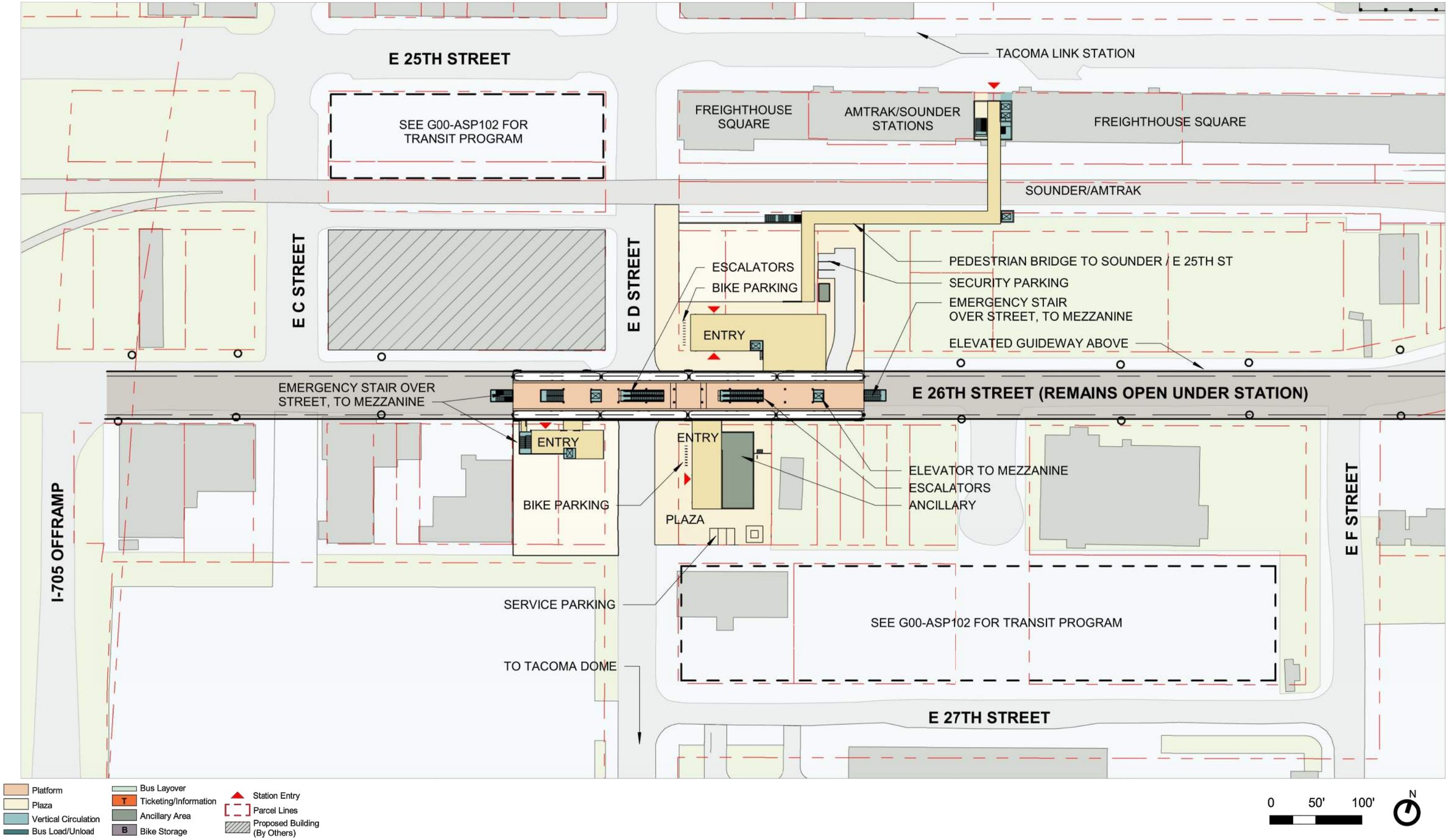

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TACOMA 26TH STREET STATION
SITE PLAN

GB-ASP101
195

12/18/2020 8:25:02 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

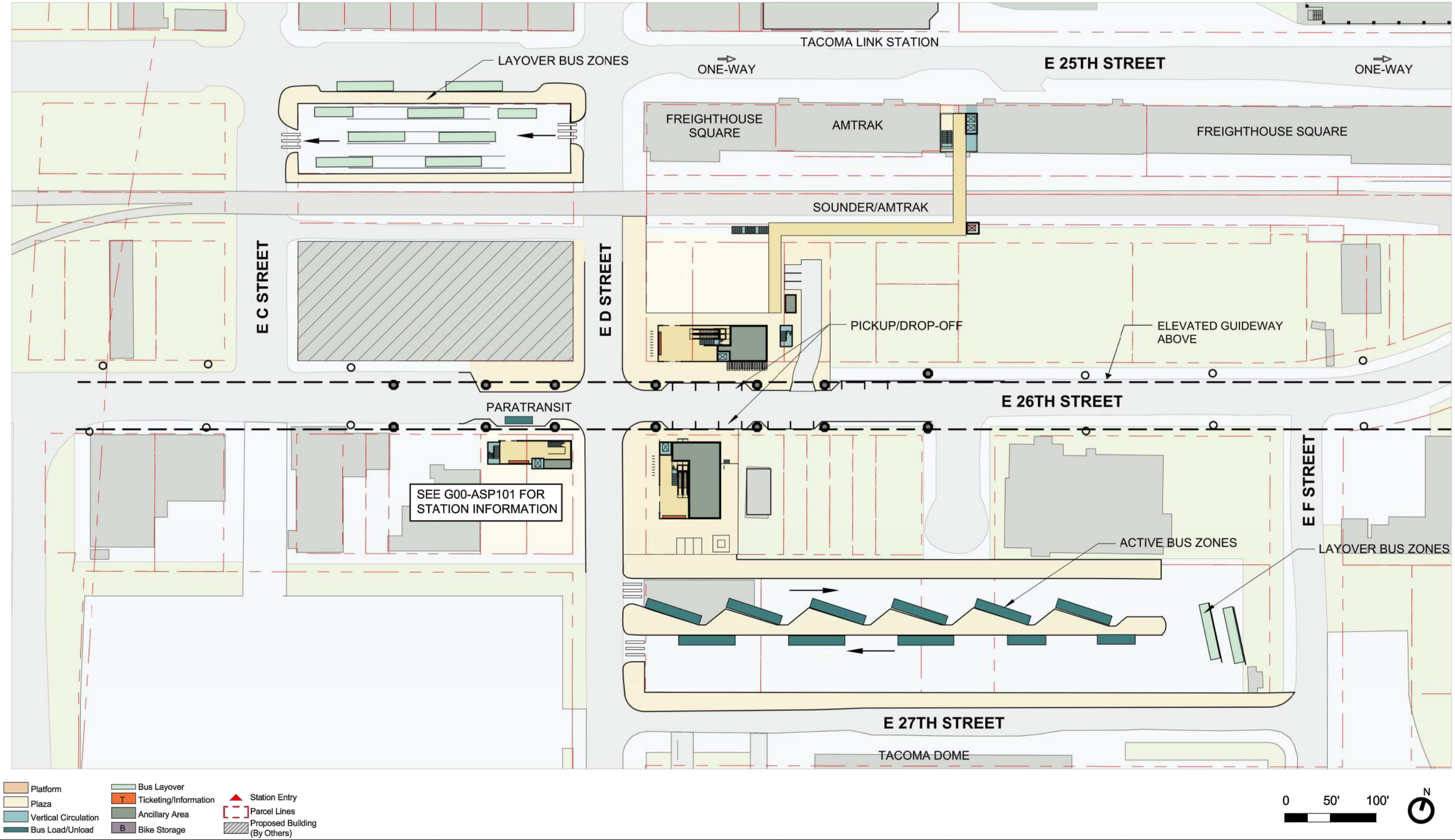

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TACOMA 26TH STREET STATION
SITE PLAN - TRANSIT INTEGRATION

GB-ASP102

12/18/2020 8:25:06 AM CFOX
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TACOMA 26TH STREET STATION
PLAZA LEVEL PLAN

GB-APP101
197

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

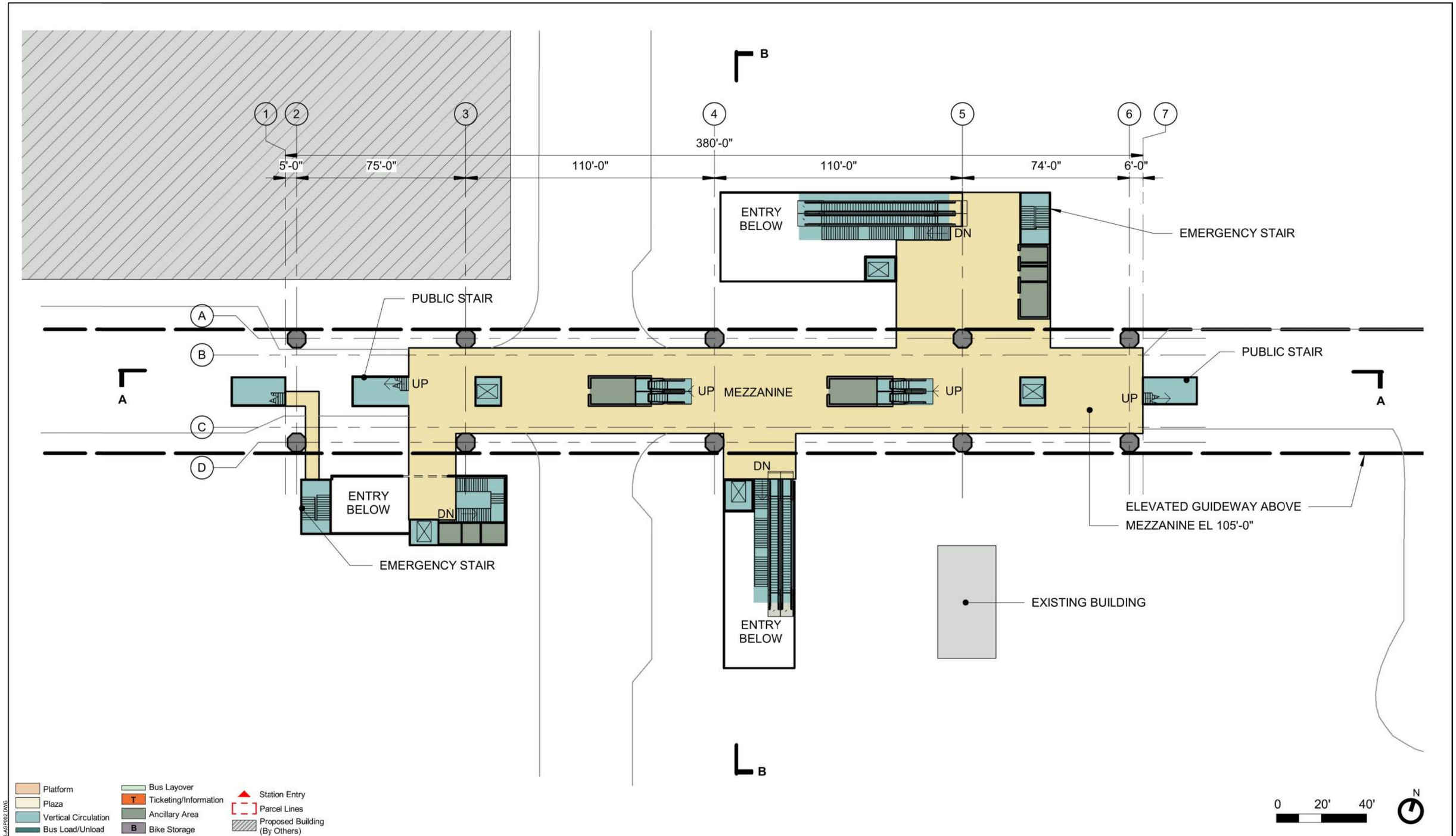

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TACOMA 26TH STREET STATION
MEZZANINE LEVEL PLAN

GB-APP102
198

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

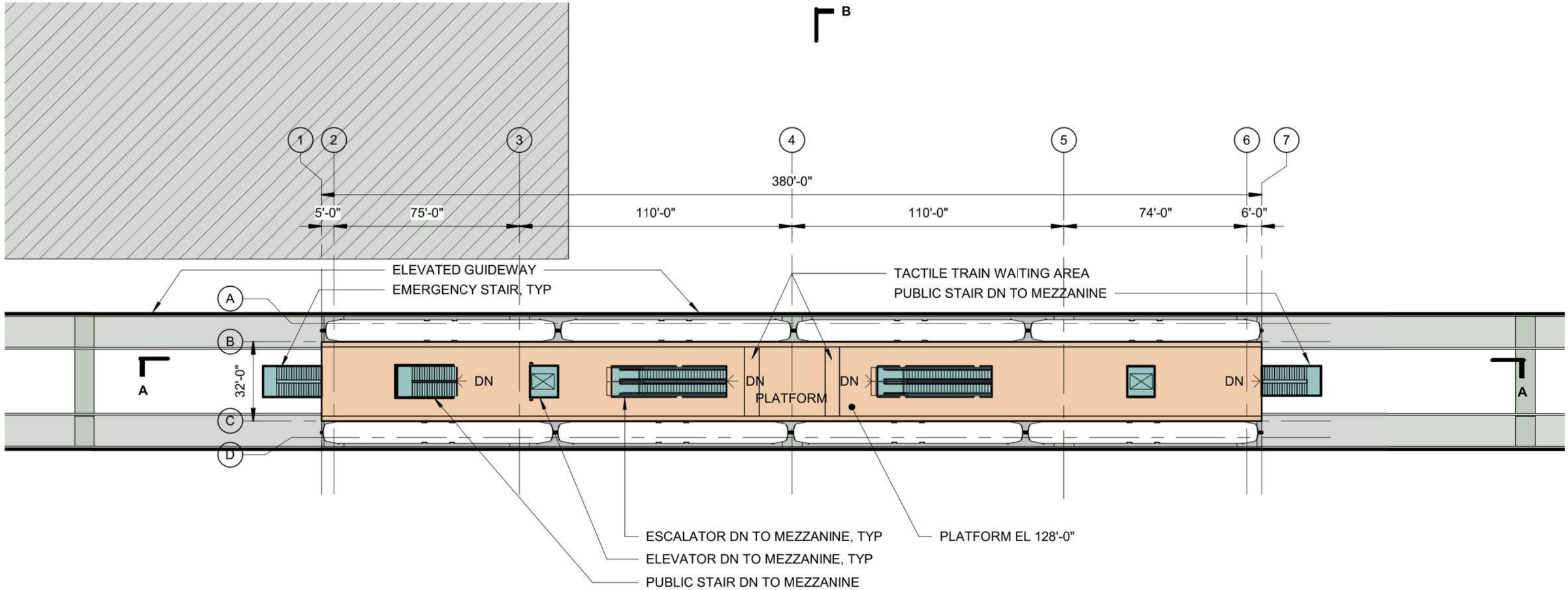

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TACOMA 26TH STREET STATION
PLATFORM LEVEL PLAN

GB-APP103
199

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

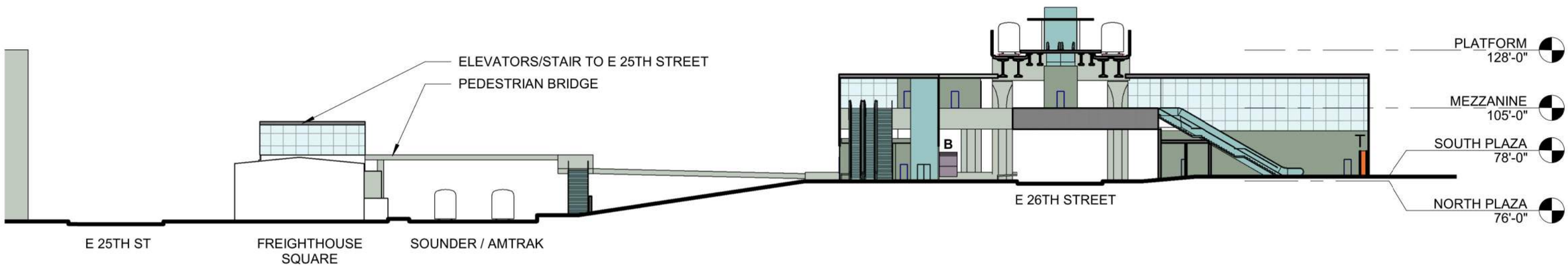

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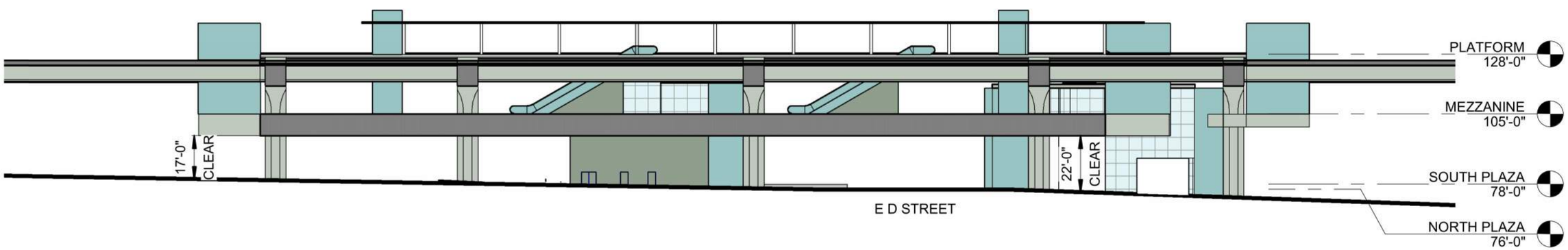

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

SCHARRERAD

PORTLAND AVENUE DESIGN OPTION TO TACOMA 26TH STREET
TACOMA 26TH STREET STATION
SECTIONS

GB-ASX101
200

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

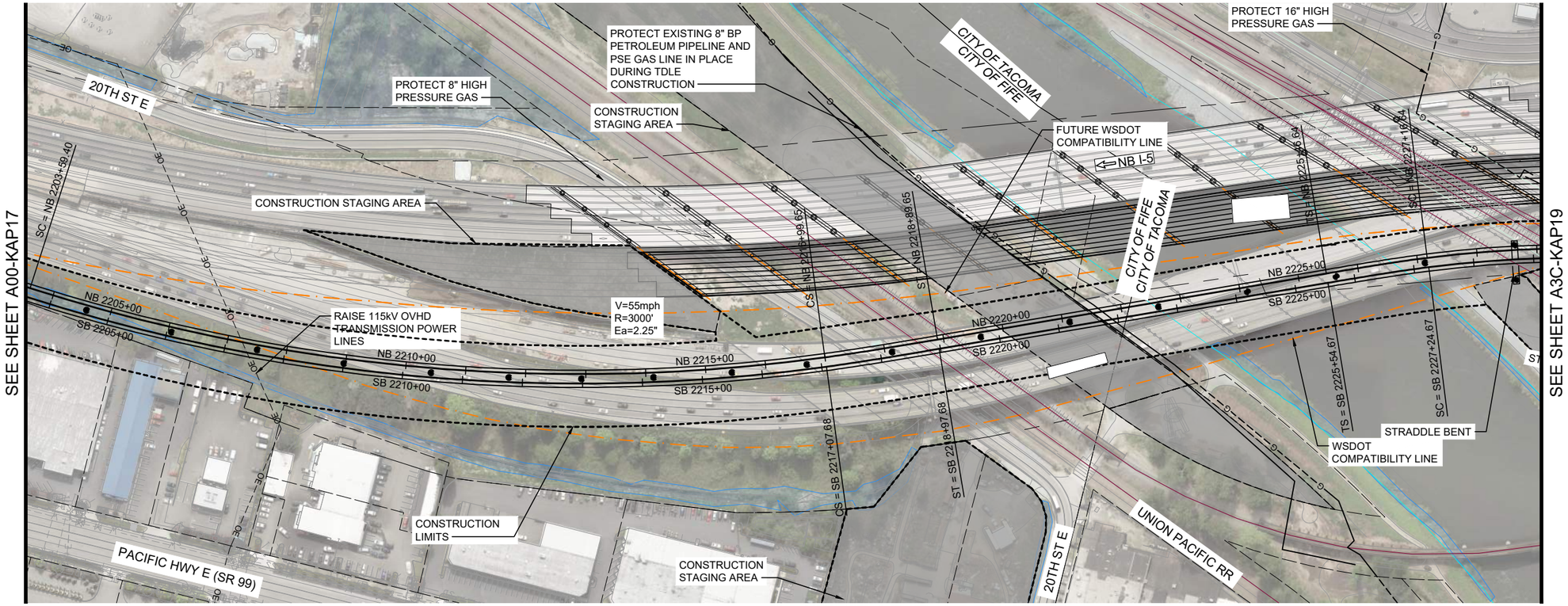

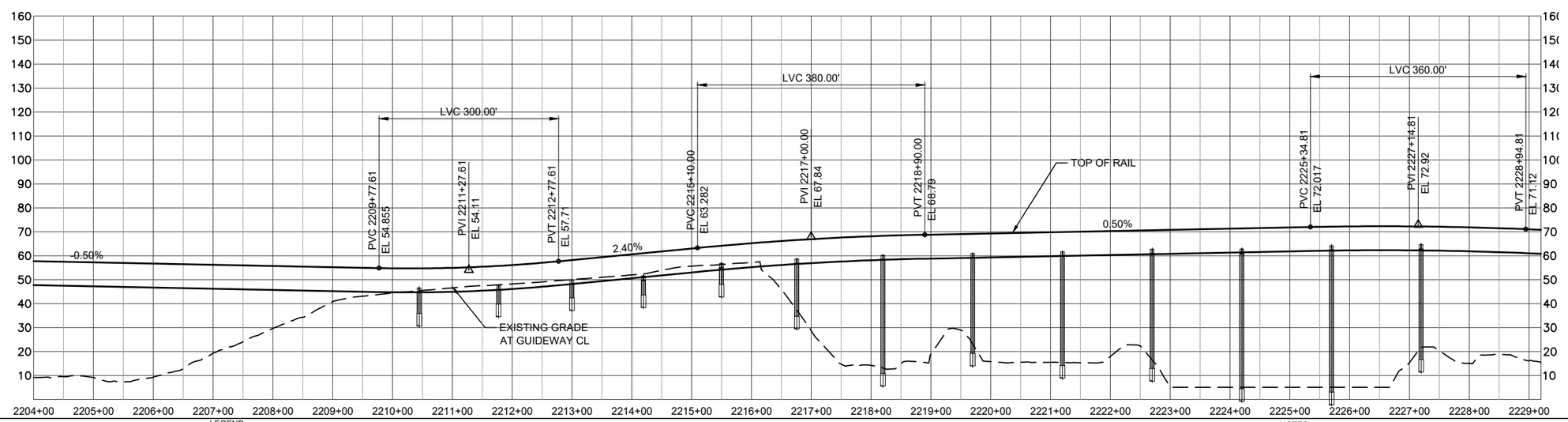

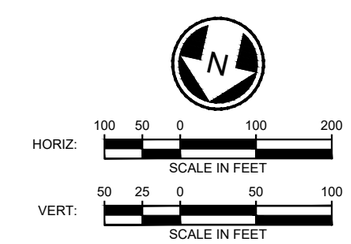

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

PUYALLUP RIVER CROSSING PIER - SUPPPORTED BRIDGE OPTION
TRACK PLAN AND PROFILE
STA 2204+00 TO STA 2229+00

A3C-KAP18
201

MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

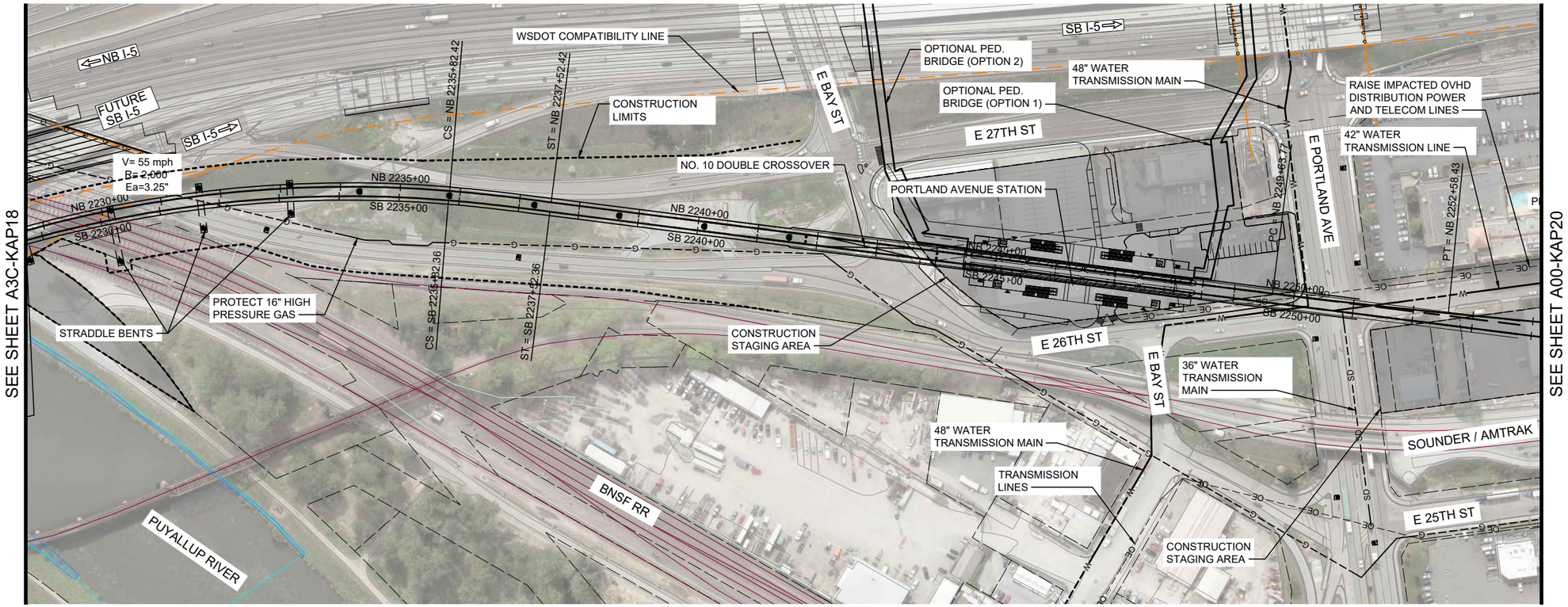

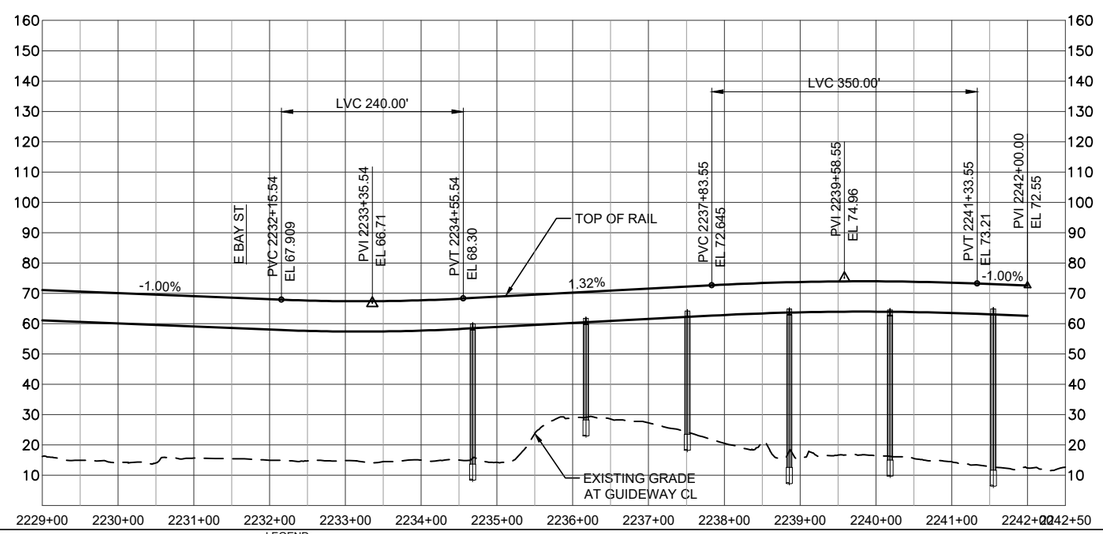

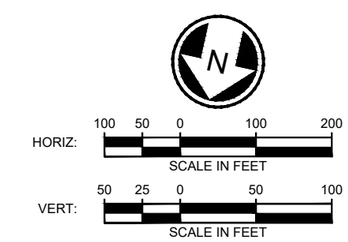

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

PUYALLUP RIVER CROSSING PIER - SUPPPORTED BRIDGE OPTION
TRACK PLAN AND PROFILE
STA 2229+00 TO STA 2242+00

A3C-KAP19
202

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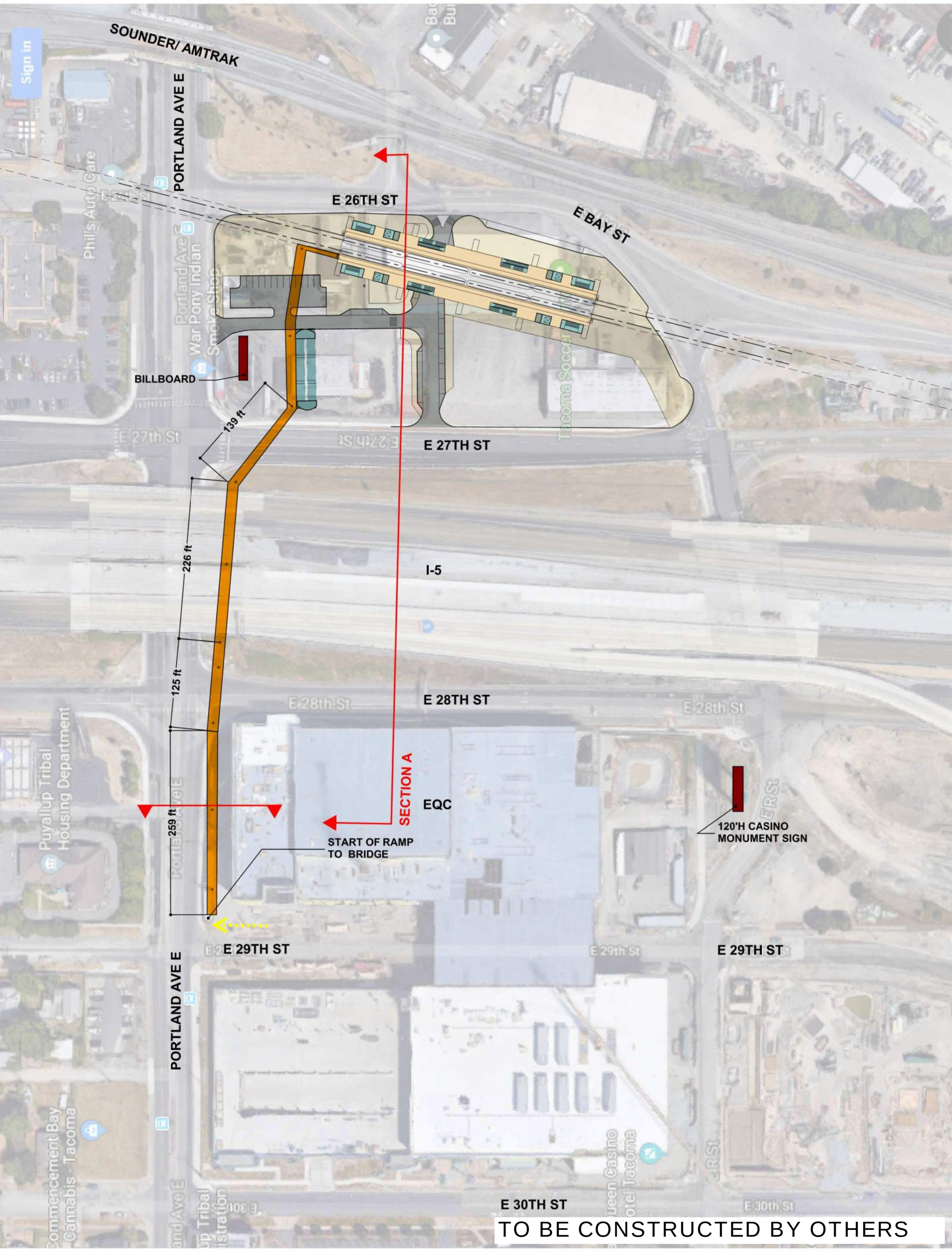

N

Platform
Plaza
Vertical Circulation
BICYCLE / PEDESTRIAN OVERCROSSING
BILLBOARD / MONUMENT SIGN

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVENUE STATION
OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - WEST OPTION

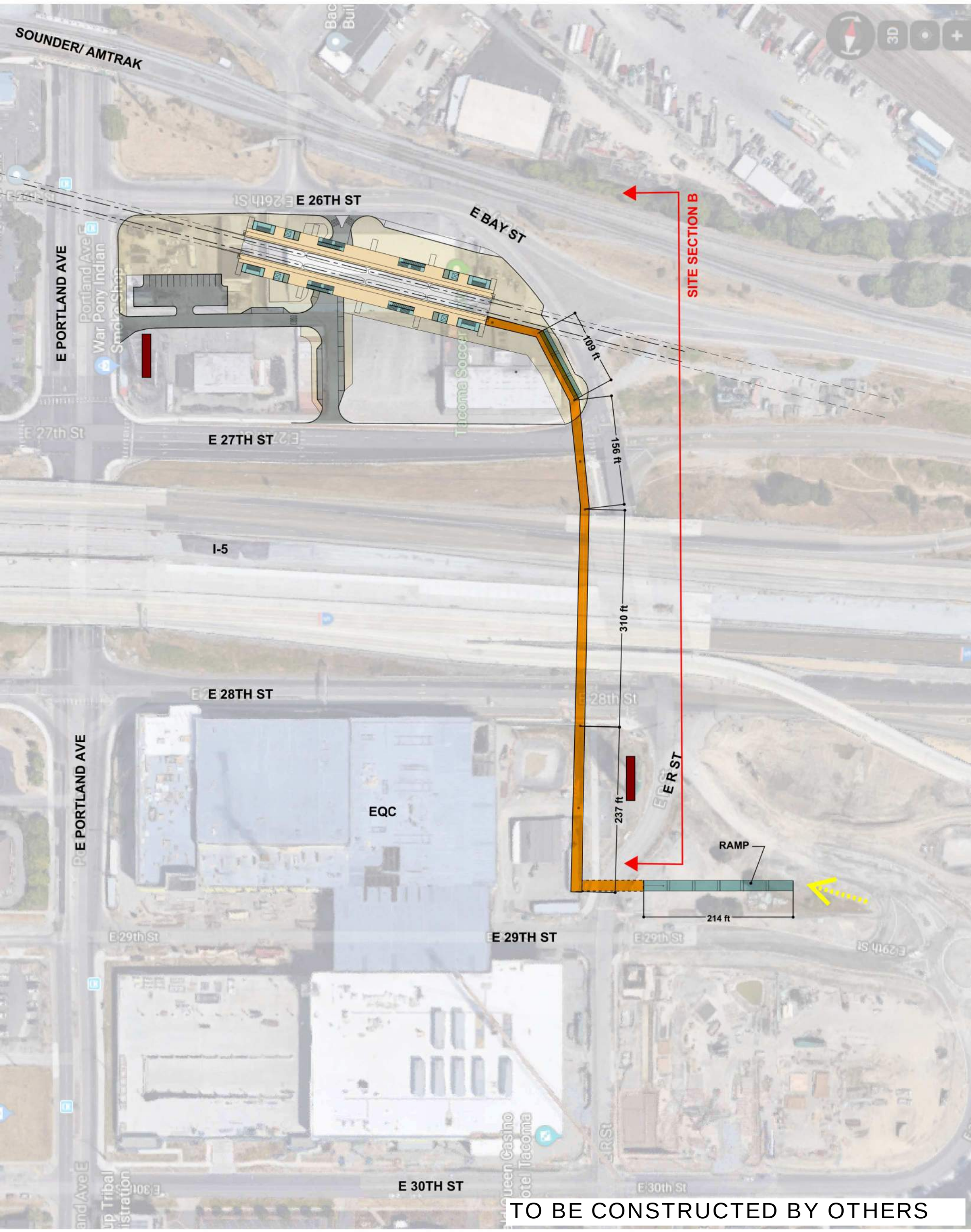

Platform
Plaza
Vertical Circulation
BICYCLE / PEDESTRIAN OVERCROSSING
BILLBOARD / MONUMENT SIGN

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVENUE STATION
OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - EAST OPTION

N

Platform
Plaza
Vertical Circulation
BICYCLE / PEDESTRIAN OVERCROSSING
BILLBOARD / MONUMENT SIGN

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVENUE SPAN STATION OPTION
OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - WEST OPTION

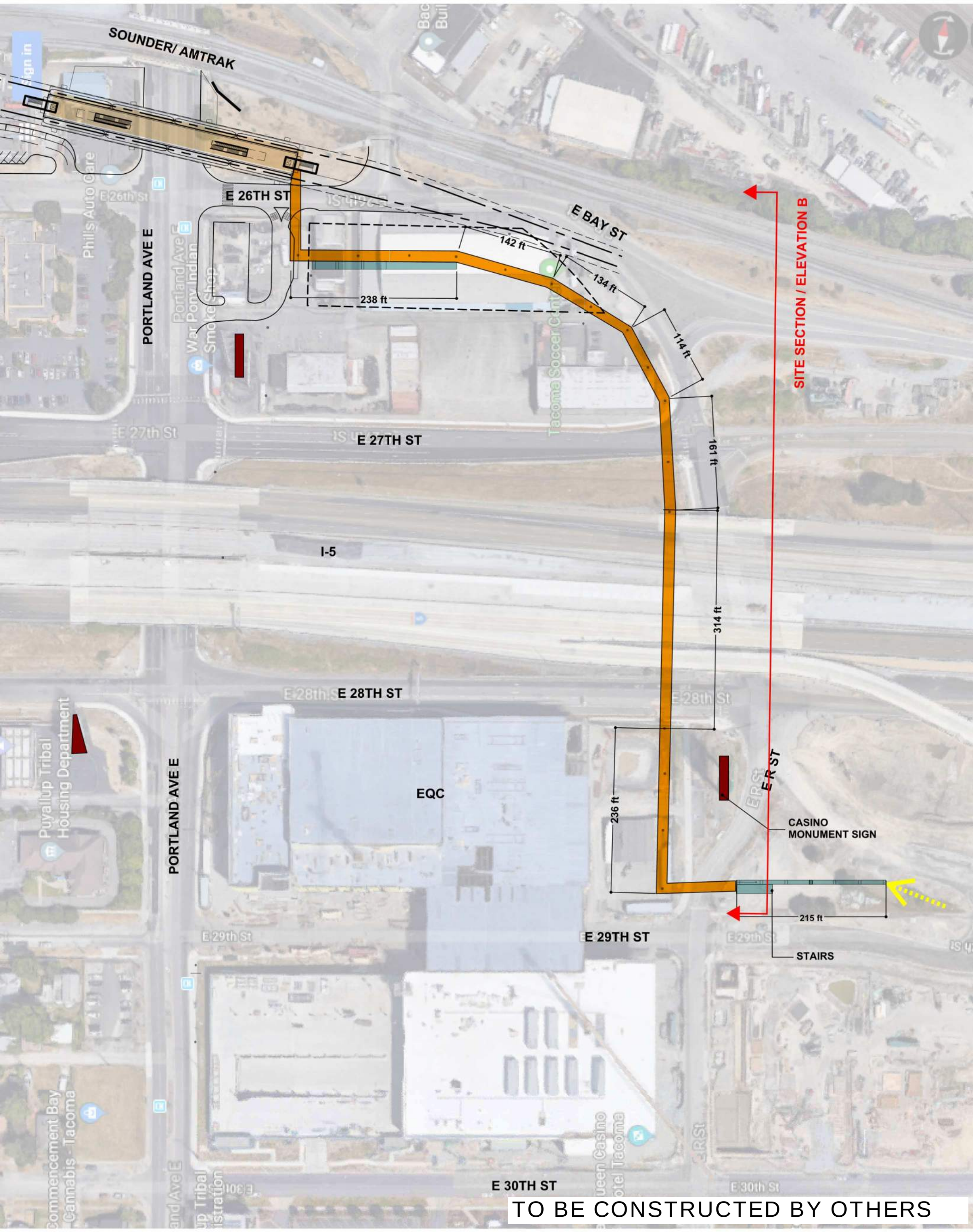

N

Platform
Plaza
Vertical Circulation
BICYCLE / PEDESTRIAN OVERCROSSING
BILLBOARD / MONUMENT SIGN

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVENUE SPAN STATION OPTION
OPTIONAL PORTLAND AVENUE BIKE AND PEDESTRIAN BRIDGE - EAST OPTION

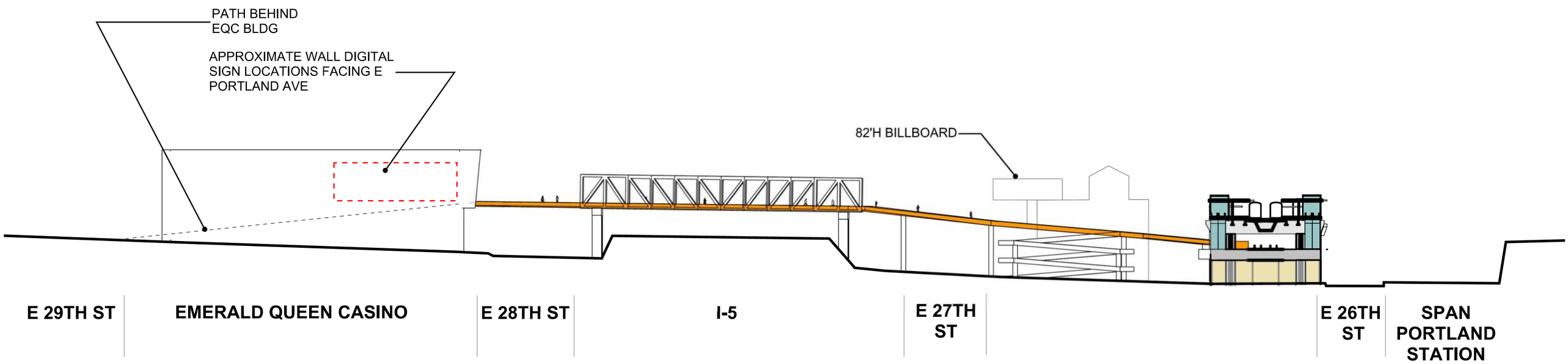

0' 40' 80'

TO BE CONSTRUCTED BY OTHERS

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVE STATION
SITE SECTION - PORTLAND AVE - SECTION A

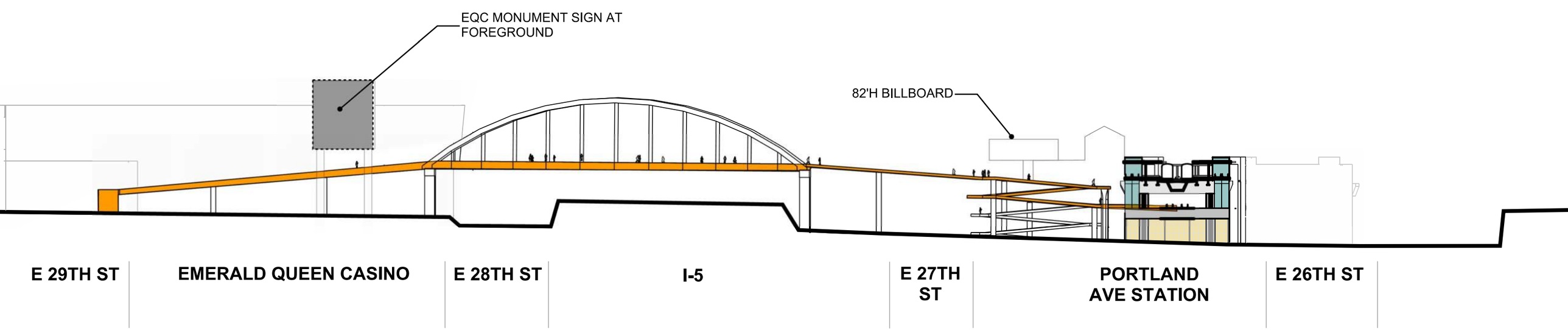

0' 40' 80'

TO BE CONSTRUCTED BY OTHERS

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVE STATION
SITE SECTION - E BAY STREET - SECTION B

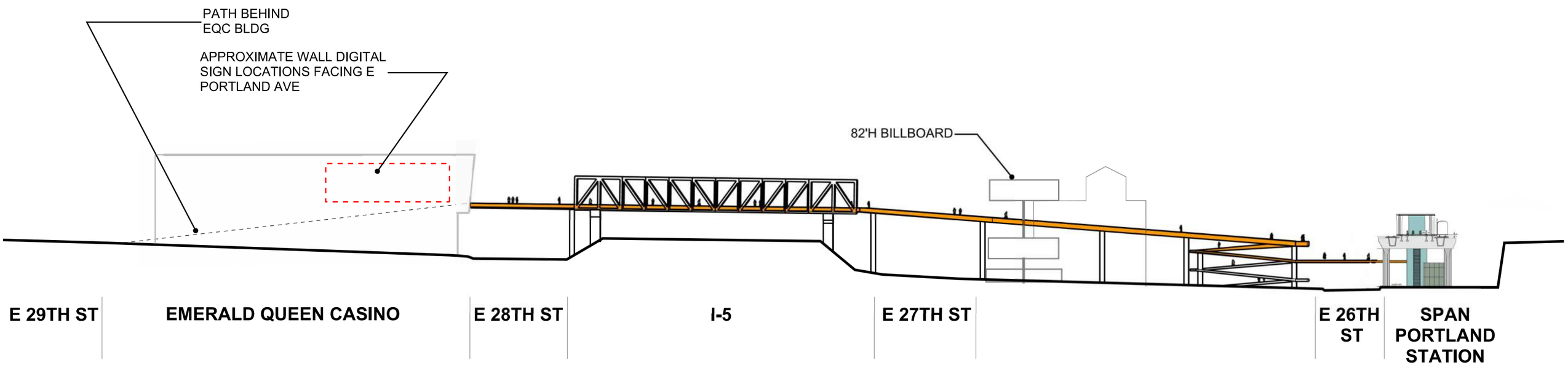

0' 40' 80'

TO BE CONSTRUCTED BY OTHERS

SOUNDTRANSIT HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVE STATION
SPAN PORTLAND SITE SECTION - PORTLAND AVE - SECTION A

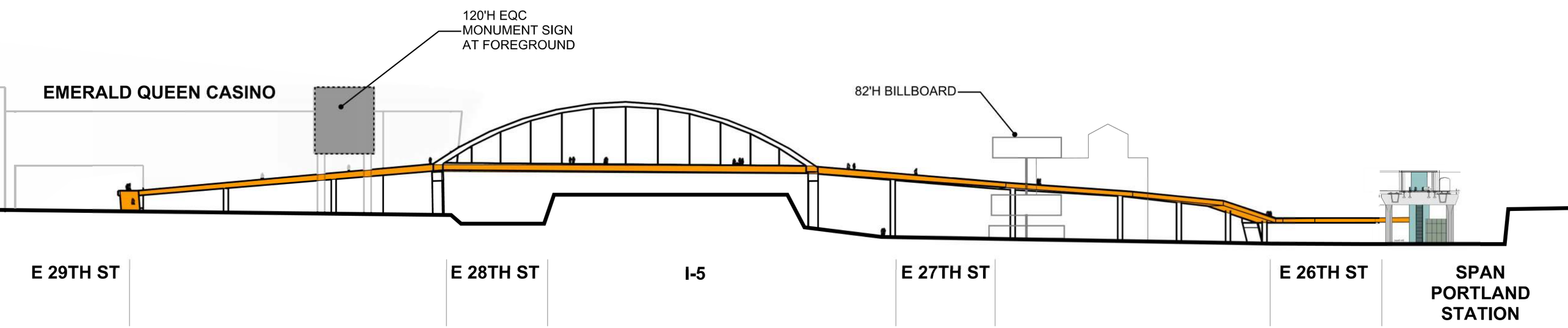

0' 40' 80'

TO BE CONSTRUCTED BY OTHERS

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

PORTLAND AVE STATION
SPAN PORTLAND SITE SECTION - E BAY STREET - SECTION B

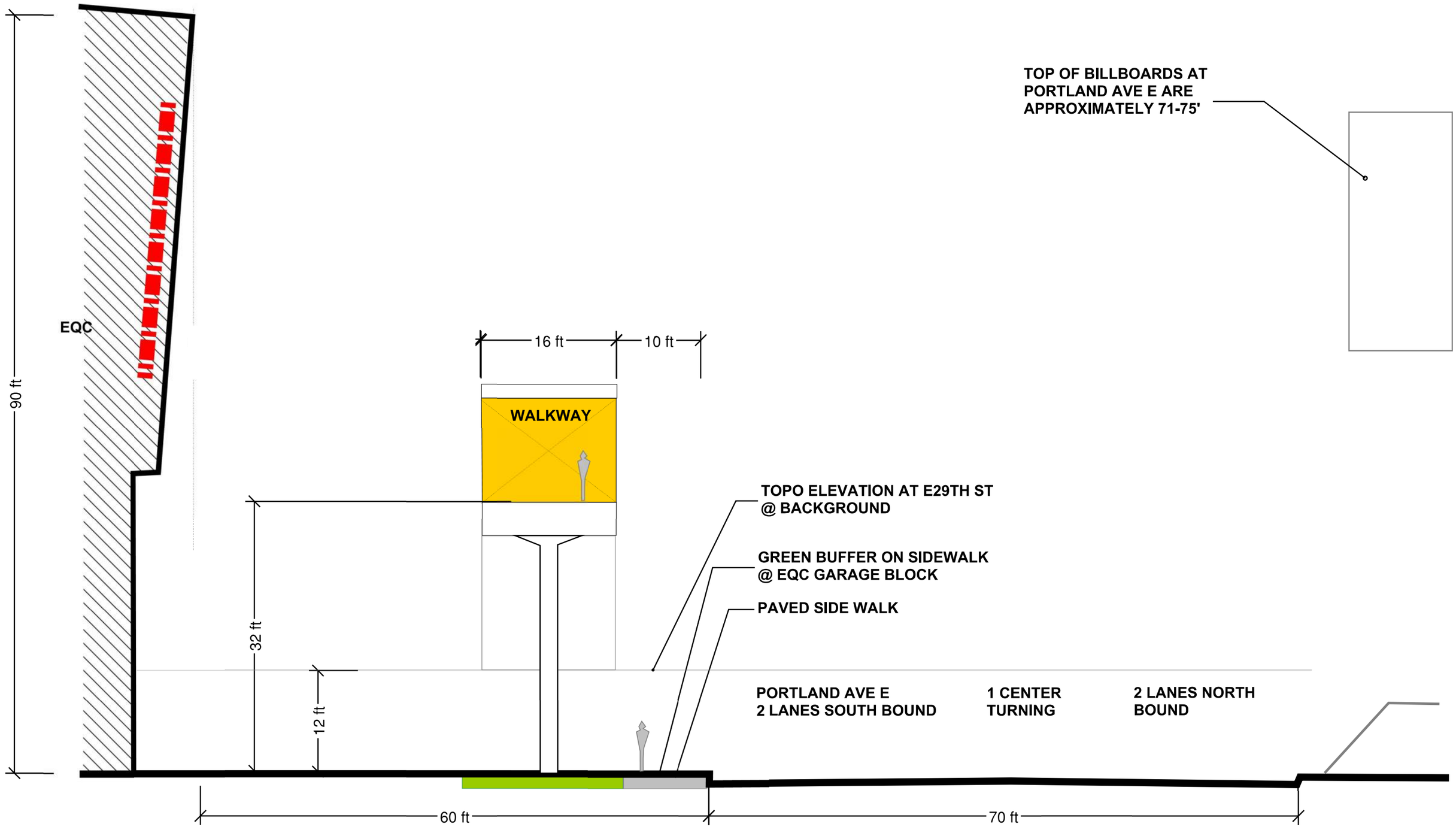

TO BE CONSTRUCTED BY OTHERS

SOUNDTRANSIT

HDR

TACOMA DOME LINK EXTENSION

BICYCLE AND PEDESTRIAN OVERCROSSING OF I-5
SECTION C

SOUND TRANSIT
TACOMA DOME LINK EXTENSION

DRAFT - EIS

ADDENDUM 1 AUGUST 2023

PROJECT LOCATION MAP

SOUND TRANSIT TACOMA DOME LINK EXTENSION

GENERAL DRAWINGS

A00-GX04	SHEET INDEX
A00-GSX01	SF 99-EAST ALTERNATIVE & SF 99-WEST ALTERNATIVE SHEET INDEX KEYMAP
A00-GSX02	SF 99-EAST PORTER WAY DESIGN OPTION & SF 99-WEST PORTER WAY DESIGN OPTION SHEET INDEX KEY MAP
A00-GSX03	FIFE DESIGN OPTIONS SHEET INDEX KEY MAP

SF 99-EAST ALTERNATIVE

JA0-KAP04	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1579+70 TO STA 1600+00
JA0-KAP05	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1600+00 TO STA 1625+00
JA0-KAP06	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1625+00 TO STA 1650+00
JA0-KAP07	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1650+00 TO STA 1675+00
JA0-KAP08	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1675+00 TO STA 1705+00
JA0-KAP09	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1705+00 TO STA 1735+00
JA0-KAP10	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1735+00 TO STA 1759+00
JA0-KAP11	SF 99-EAST ALTERNATIVE TRACK PLAN AND PROFILE STA 1759+00 TO STA 1913+70
JA0-ASP101	JA - SF 99-EAST ALTERNATIVE 352ND STATION SITE PLAN
JA0-ASP102	JA - SF 99-EAST ALTERNATIVE 352ND STATION SITE PLAN - SURFACE PARKING OPTION
JA0-APP101	JA - SF 99-EAST ALTERNATIVE 352ND STATION TYPICAL GARAGE PLAN
JA0-APP102	JA - SF 99-EAST ALTERNATIVE 352ND STATION PLAZA LEVEL PLAN
JA0-APP103	JA - SF 99-EAST ALTERNATIVE 352ND STATION MEZZANINE LEVEL PLAN
JA0-APP104	JA - SF 99-EAST ALTERNATIVE 352ND STATION PLATFORM LEVEL PLAN
JA0-ASX101	JA - SF 99-EAST ALTERNATIVE 352ND STATION SECTIONS

SF 99-EAST PORTER WAY DESGIN OPTION

JB0-KAP09	SF 99-EAST PORTER WAY DESIGN OPTION TRACK PLAN AND PROFILE STA 1725+00 TO STA 1734+00
JB0-KAP10	SF 99-EAST PORTER WAY DESIGN OPTION TRACK PLAN AND PROFILE STA 1734+00 TO STA 1759+00
JB0-KAP11	SF 99-EAST PORTER WAY DESIGN OPTION TRACK PLAN AND PROFILE STA 1759+00 TO STA 1913+70

SF 99-WEST ALTERNATIVE

KA0-KAP04	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1579+70 TO STA 1600+00
KA0-KAP05	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1600+00 TO STA 1625+00
KA0-KAP06	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1625+00 TO STA 1650+00
KA0-KAP07	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1650+00 TO STA 1675+00
KA0-KAP08	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1675+00 TO STA 1705+00
KA0-KAP09	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1705+00 TO STA 1735+00
KA0-KAP10	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1735+00 TO STA 1760+00
KA0-KAP11	SF 99-WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1760+00 TO STA 1913+70
KA0-ASP101	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION SITE PLAN
KA0-ASP102	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION SITE PLAN - SURFACE PARKING OPTION
KA0-APP101	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION TYPICAL GARAGE PLAN
KA0-APP102	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION PLAZA LEVEL PLAN
KA0-APP103	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION MEZZANINE LEVEL PLAN
KA0-APP104	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION PLATFORM LEVEL PLAN
KA0-ASX101	KA - SF 99-WEST ALTERNATIVE ENCHANTED STATION SECTIONS

SF 99-WEST PORTER WAY DESIGN OPTION

KB0-KAP09	SF 99-WEST PORTER WAY DESIGN OPTION TRACK PLAN AND PROFILE STA 1728+00 TO STA 1735+00
KB0-KAP10	SF 99-WEST PORTER WAY DESIGN OPTION TRACK PLAN AND PROFILE STA 1735+00 TO STA 1760+00
KB0-KAP11	SF 99-WEST PORTER WAY DESIGN OPTION TRACK PLAN AND PROFILE STA 1760+00 TO STA 1913+70

FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION

LA0-KAP13	FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1950+00 TO STA 1975+00
LA0-KAP14	FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2033+21

FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION

LB0-KAP13	FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION TRACK PLAN AND PROFILE STA 1950+00 TO STA 1975+00
LB0-KAP14	FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2033+21

FIFE MEDIAN - 54TH AVENUE DESIGN OPTION

MA0-KAP13	FIFE MEDIAN - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1950+00 TO STA 1975+00
MA0-KAP14	FIFE MEDIAN - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2022+42

FIFE MEDIAN - 54TH SPAN DESIGN OPTION

MB0-KAP13	FIFE MEDIAN - 54TH SPAN DESIGN OPTION TRACK PLAN AND PROFILE STA 1950+00 TO STA 1975+00
MB0-KAP14	FIFE MEDIAN - 54TH SPAN DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2020+72

FIFE I-5 - 54TH AVENUE DESIGN OPTION

NA0-KAP13	FIFE I-5 - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1950+00 TO STA 1975+00
NA0-KAP14	FIFE I-5 - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2021+76

FIFE I-5 - 54TH SPAN DESIGN OPTION

NB0-KAP13	FIFE I-5 - 54TH SPAN DESIGN OPTION TRACK PLAN AND PROFILE STA 1950+00 TO STA 1975+00
NB0-KAP14	FIFE I-5 - 54TH SPAN DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2021+76

FIFE 54TH STATION OPTION

LA-ASP101	
MA-ASP101	FIFE 54TH AVENUE STATION OPTION SITE PLAN - GARAGE OPTION
NA-ASP101	
LA-ASP102	
MA-ASP102	FIFE 54TH AVENUE STATION OPTION SITE PLAN - SITE ROADWAY OPTION
NA-ASP102	
LA-APP101	
MA-APP101	FIFE 54TH AVENUE STATION OPTION PLAZA PLAN
NA-APP101	
LA-APP201	
MA-APP201	FIFE 54TH AVENUE STATION OPTION PLATFORM PLAN
NA-APP201	
LA-APP102	
MA-APP102	FIFE 54TH AVENUE STATION OPTION GARAGE PLAN
NA-APP102	
LA-AEX101	
MA-AEX101	FIFE 54TH AVENUE STATION OPTION SECTIONS
NA-AEX101	
LA-AEX102	
MA-AEX102	FIFE 54TH AVENUE STATION OPTION GARAGE SECTION
NA-AEX102	

FIFE 54TH SPAN STATION OPTION

LB-ASP101	
MB-ASP101	FIFE 54TH AVENUE SPAN STATION OPTION SITE PLAN - GARAGE OPTION
NB-ASP101	
LB-ASP102	
MB-ASP102	FIFE 54TH AVENUE SPAN STATION OPTION SITE PLAN - SITE ROADWAY OPTION
NB-ASP102	
LB-APP101	
MB-APP101	FIFE 54TH AVENUE SPAN STATION OPTION PLAZA PLAN
NB-APP101	
LB-APP201	
MB-APP201	FIFE 54TH AVENUE SPAN STATION OPTION PLATFORM PLAN
NB-APP201	
LB-APP102	
MB-APP102	FIFE 54TH AVENUE SPAN STATION OPTION GARAGE PLAN
NB-APP102	
LB-AEX101	
MB-AEX101	FIFE 54TH AVENUE SPAN STATION OPTION SECTIONS
NB-AEX101	
LB-AEX102	
MB-AEX102	FIFE 54TH AVENUE SPAN STATION OPTION GARAGE SECTION
NB-AEX102	

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

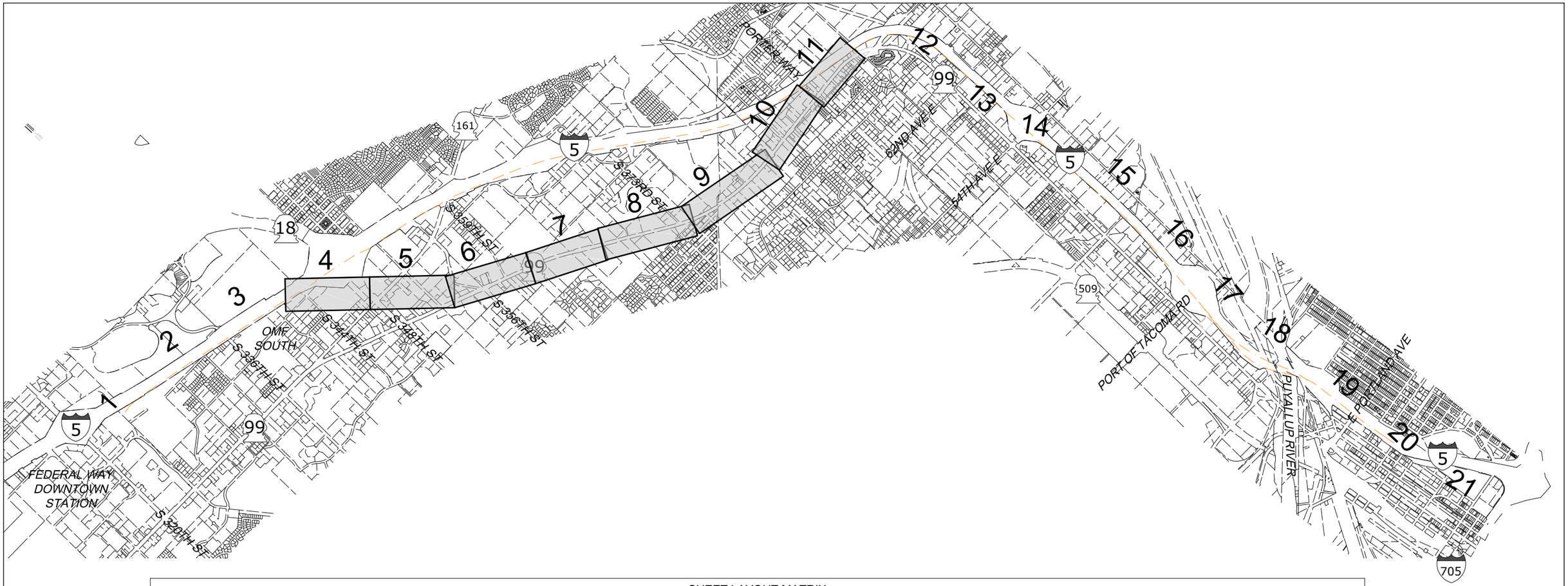

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF 99 - EAST ALTERNATIVE				X	X	X	X	X	X	X	X										
SF 99 - WEST ALTERNATIVE				X	X	X	X	X	X	X	X										
SF 99 - EAST PORTER WAY DESIGN OPTION									X	X	X										
SF 99 - WEST PORTER WAY DESIGN OPTION									X	X	X										
FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION													X	X							
FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION													X	X							
FIFE MEDIAN - 54TH AVENUE DESIGN OPTION													X	X							
FIFE MEDIAN - 54TH SPAN DESIGN OPTION													X	X							
FIFE I-5 - 54TH AVENUE DESIGN OPTION													X	X							
FIFE I-5 - 54TH SPAN DESIGN OPTION													X	X							

1500 750 0 1500 3000

SCALE IN FEET

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SOUNDTRANSIT HDR

SF 99-EAST ALTERNATIVE
SF 99-WEST ALTERNATIVE
SHEET INDEX KEY MAP

A00-GSX001

SOUND TRANSIT TACOMA DOME LINK EXTENSION

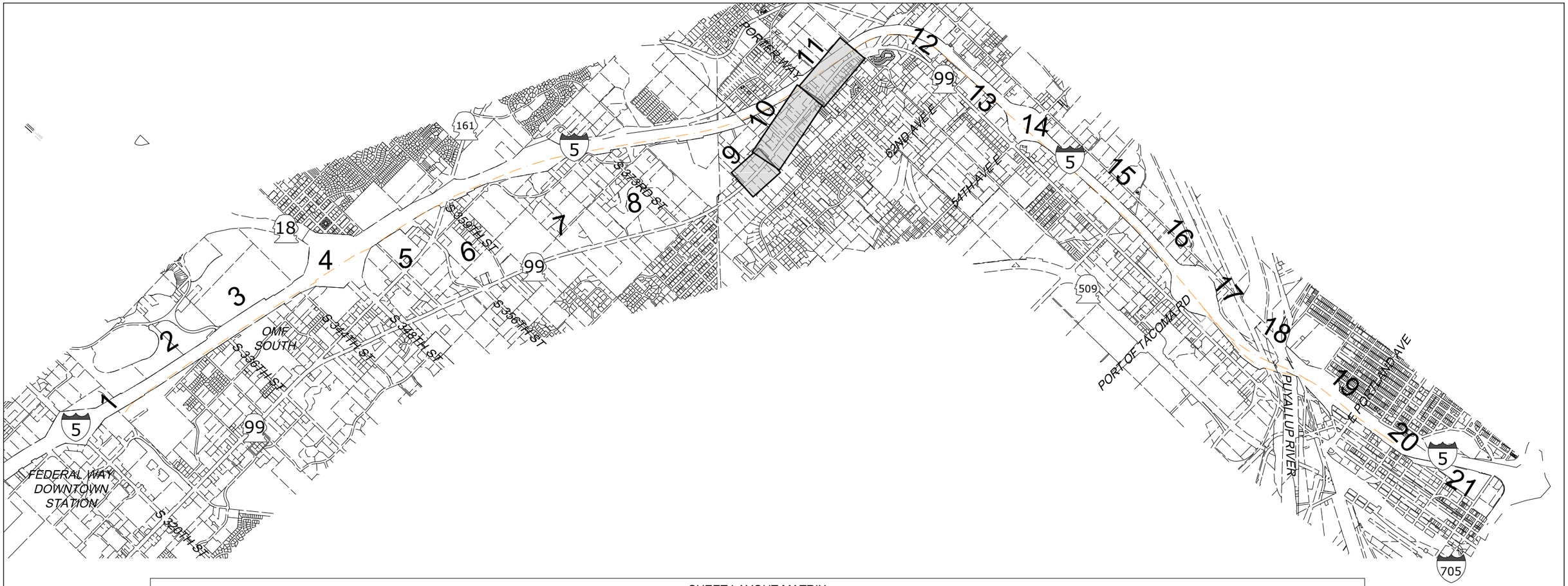

SHEET LAYOUT MATRIX																					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF 99 - EAST ALTERNATIVE				X	X	X	X	X	X	X	X										
SF 99 - WEST ALTERNATIVE				X	X	X	X	X	X	X	X										
SF 99 - EAST PORTER WAY DESIGN OPTION									X	X	X										
SF 99 - WEST PORTER WAY DESIGN OPTION									X	X	X										
FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION													X	X							
FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION													X	X							
FIFE MEDIAN - 54TH AVENUE DESIGN OPTION													X	X							
FIFE MEDIAN - 54TH SPAN DESIGN OPTION													X	X							
FIFE I-5 - 54TH AVENUE DESIGN OPTION													X	X							
FIFE I-5 - 54TH SPAN DESIGN OPTION													X	X							

1500 750 0 1500 3000

SCALE IN FEET

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SOUNDTRANSIT HDR

SF 99-EAST PORTER WAY DESIGN OPTION &
SF 99-WEST PORTER WAY DESIGN OPTION
SHEET INDEX KEY MAP

A00-GSX002

SOUND TRANSIT TACOMA DOME LINK EXTENSION

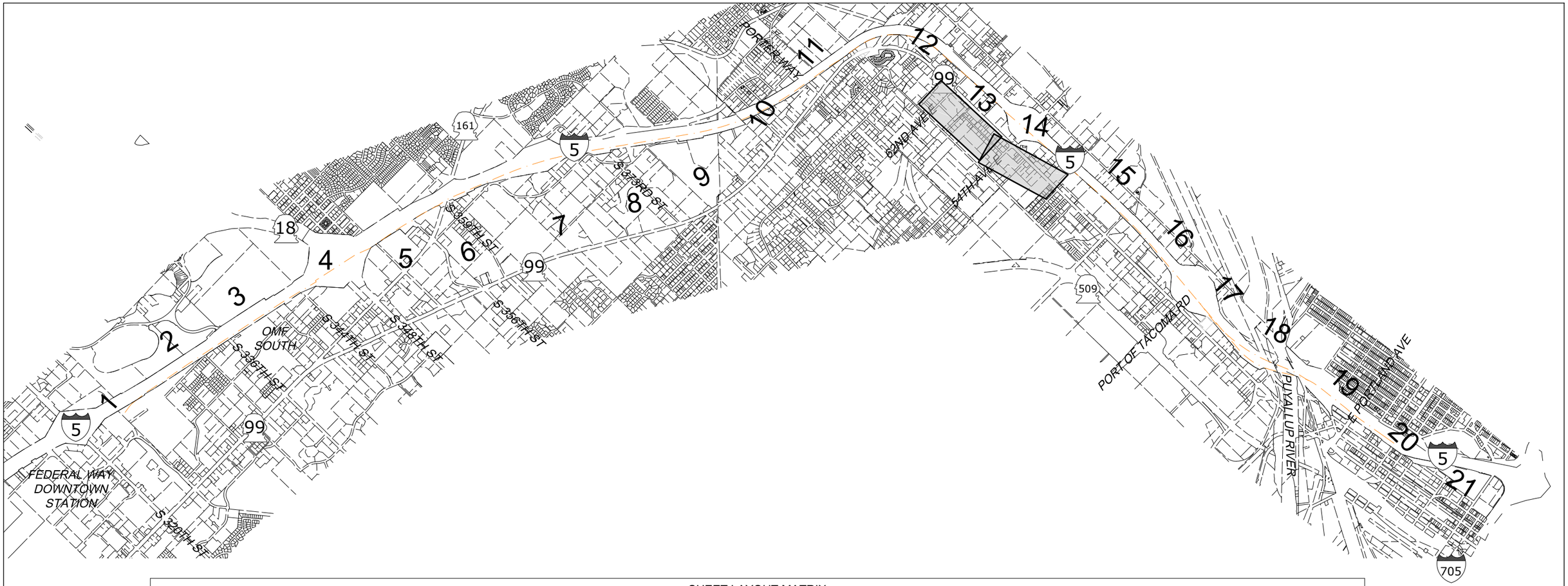

SHEET LAYOUT MATRIX

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SF 99 - EAST ALTERNATIVE				X	X	X	X	X	X	X	X										
SF 99 - WEST ALTERNATIVE				X	X	X	X	X	X	X	X										
SF 99 - EAST PORTER WAY DESIGN OPTION									X	X	X										
SF 99 - WEST PORTER WAY DESIGN OPTION									X	X	X										
FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION													X	X							
FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION													X	X							
FIFE MEDIAN - 54TH AVENUE DESIGN OPTION													X	X							
FIFE MEDIAN - 54TH SPAN DESIGN OPTION													X	X							
FIFE I-5 - 54TH AVENUE DESIGN OPTION													X	X							
FIFE I-5 - 54TH SPAN DESIGN OPTION													X	X							

1500 750 0 1500 3000

SCALE IN FEET

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SOUNDTRANSIT HDR

FIFE DESIGN OPTIONS
SHEET INDEX KEY MAP

A00-GSX003

SOUND TRANSIT TACOMA DOME LINK EXTENSION

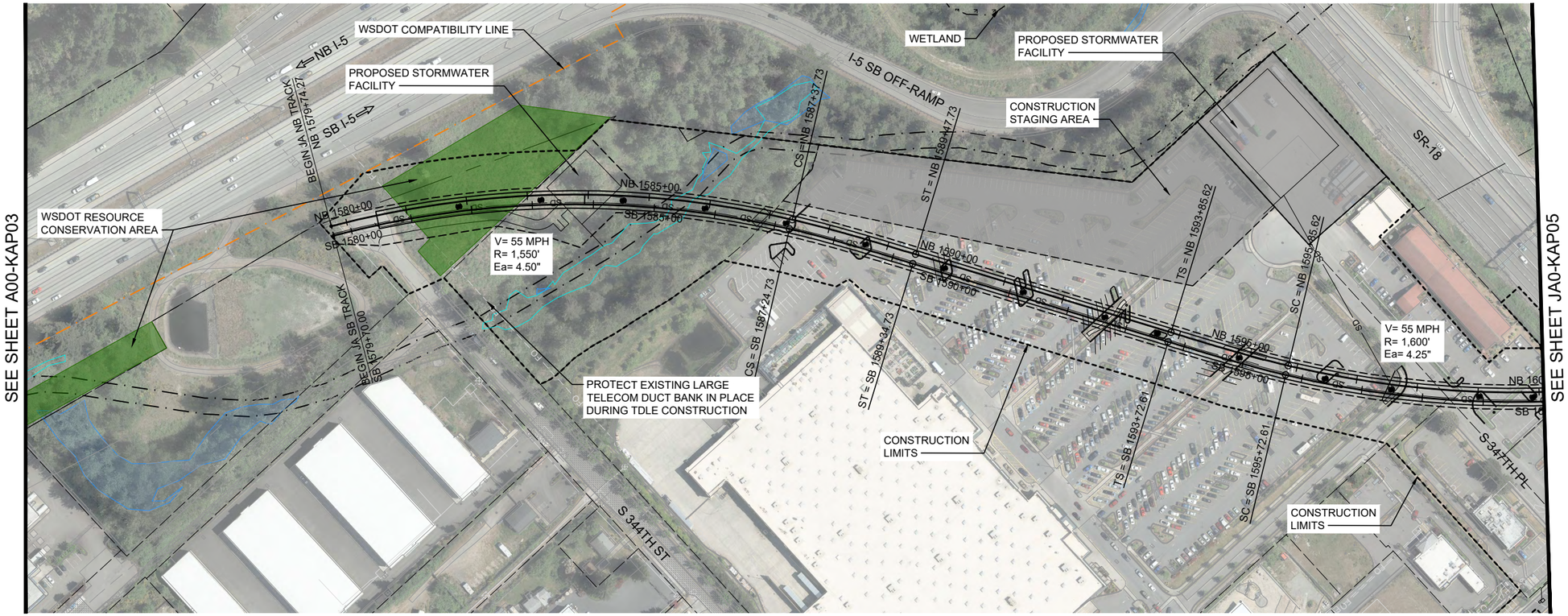

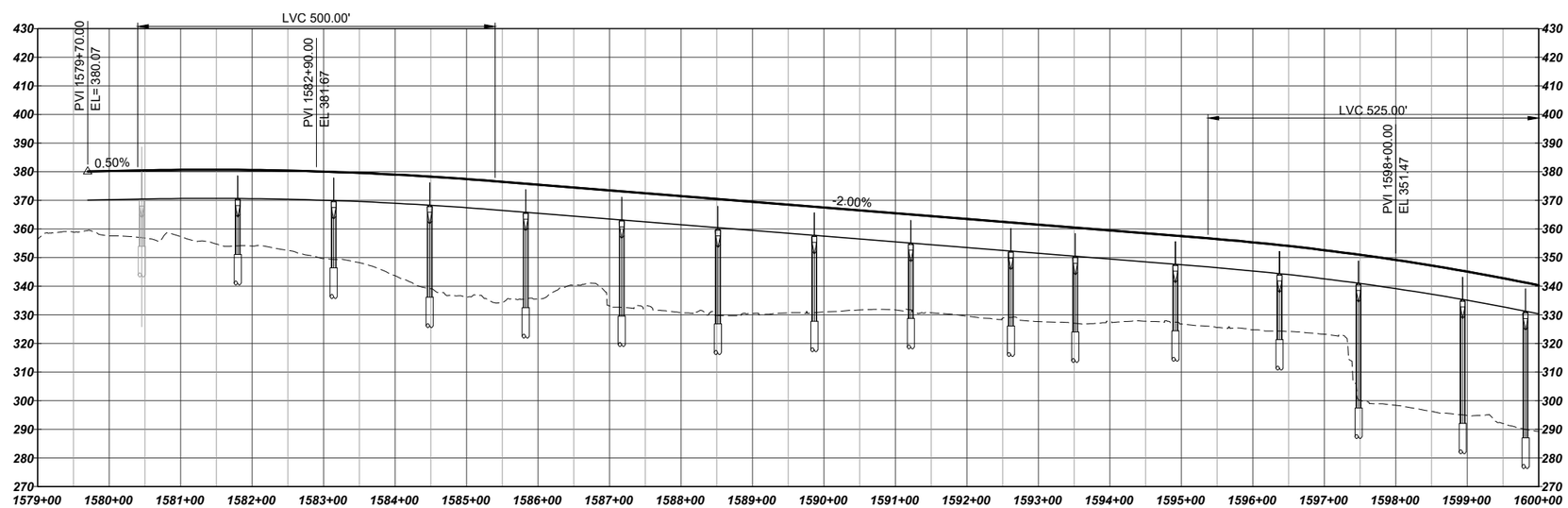

HORIZ: 100 50 0 100 200
SCALE IN FEET

VERT: 25 12.5 0 25 50
SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1579+70 TO STA 1600+00

JA0-KAP04

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

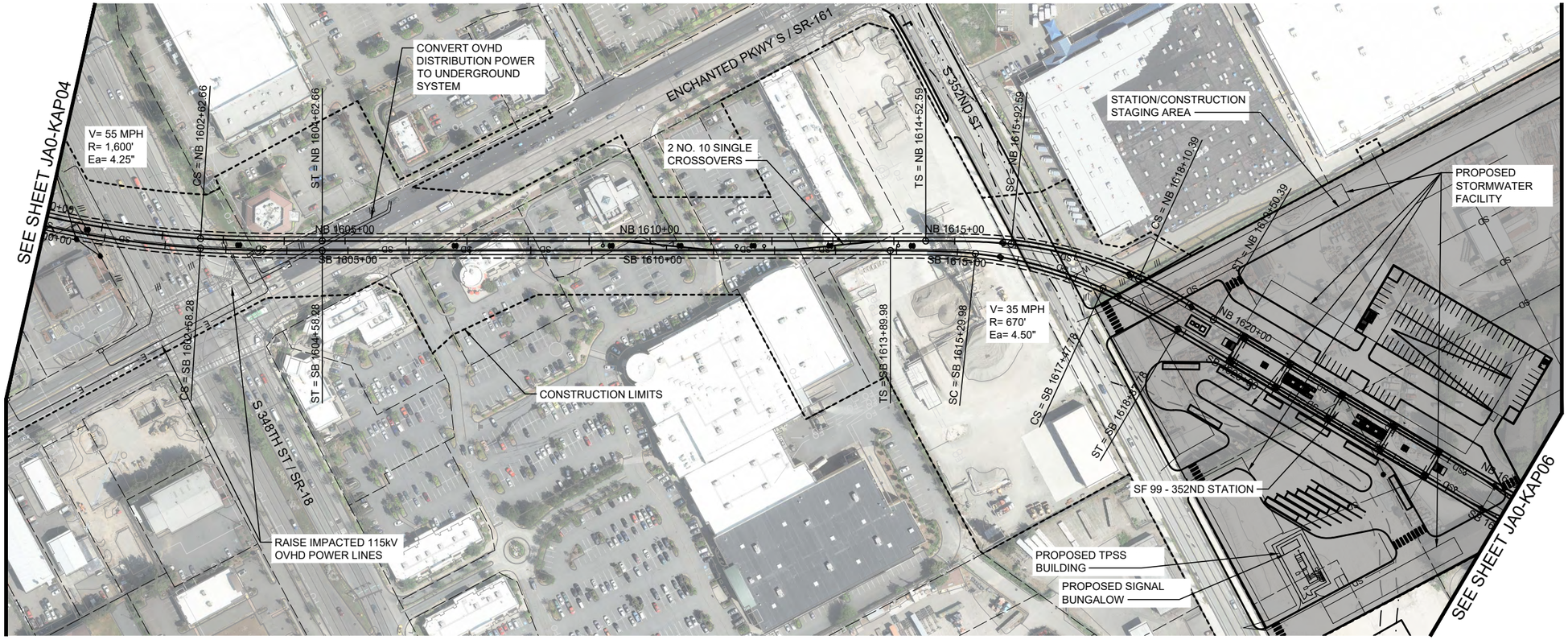

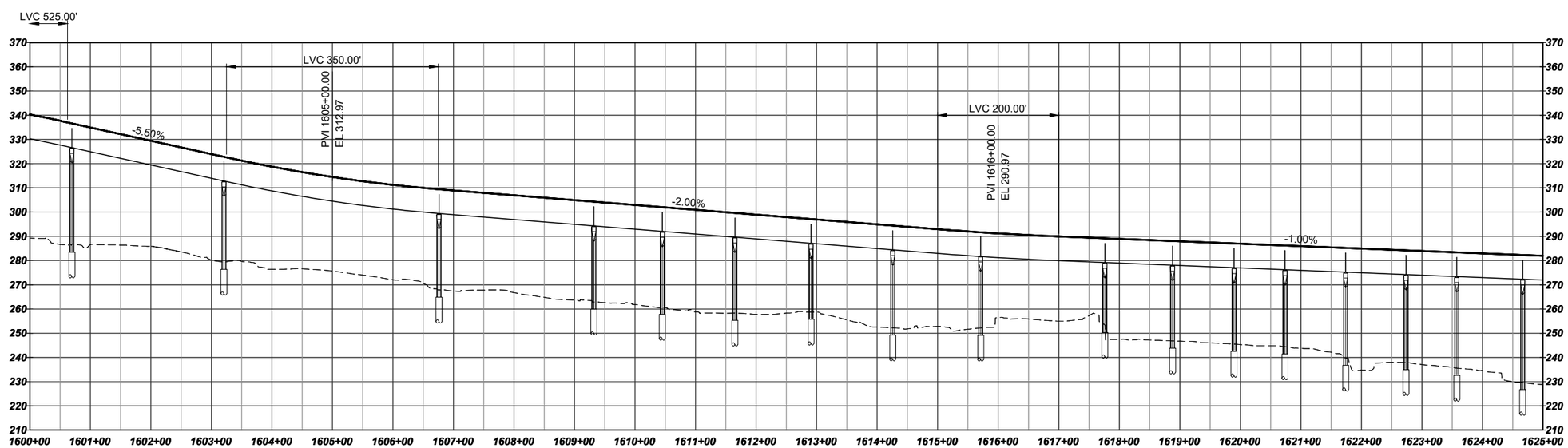

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1600+00 TO STA 1625+00

JA0-KAP05

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

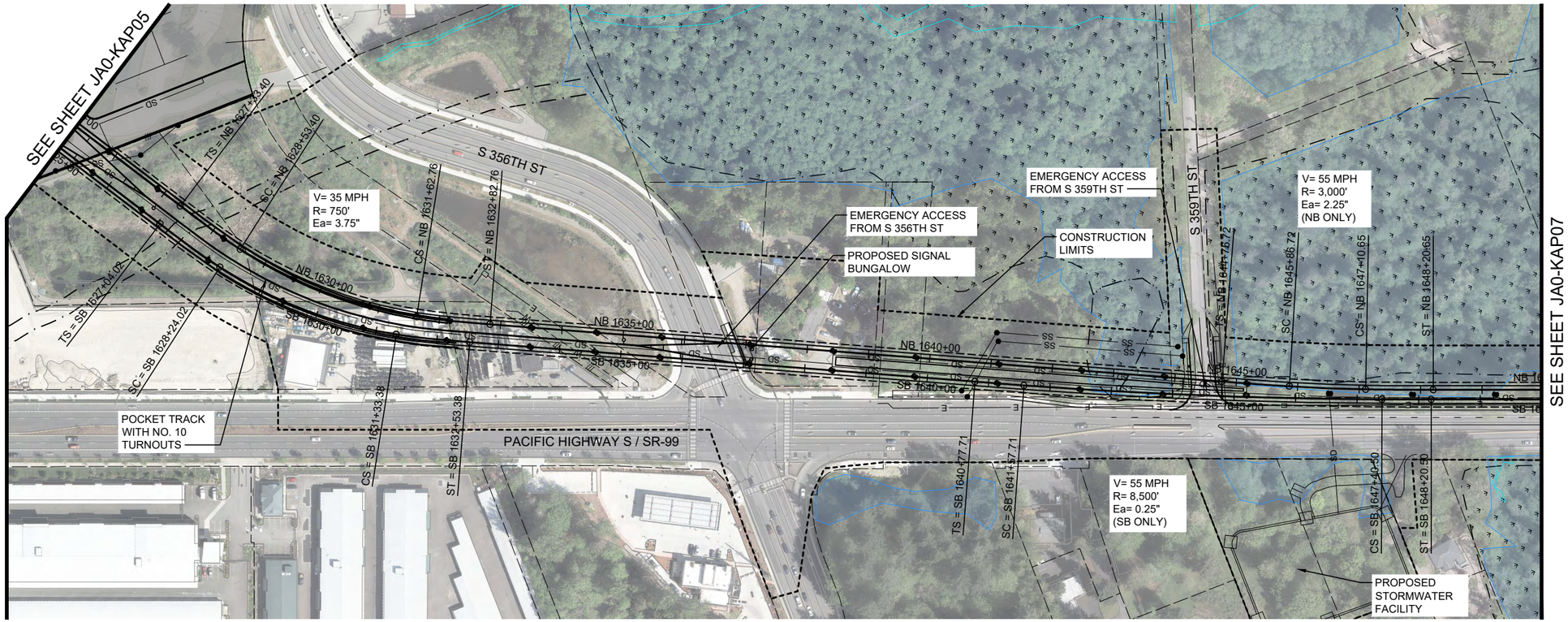

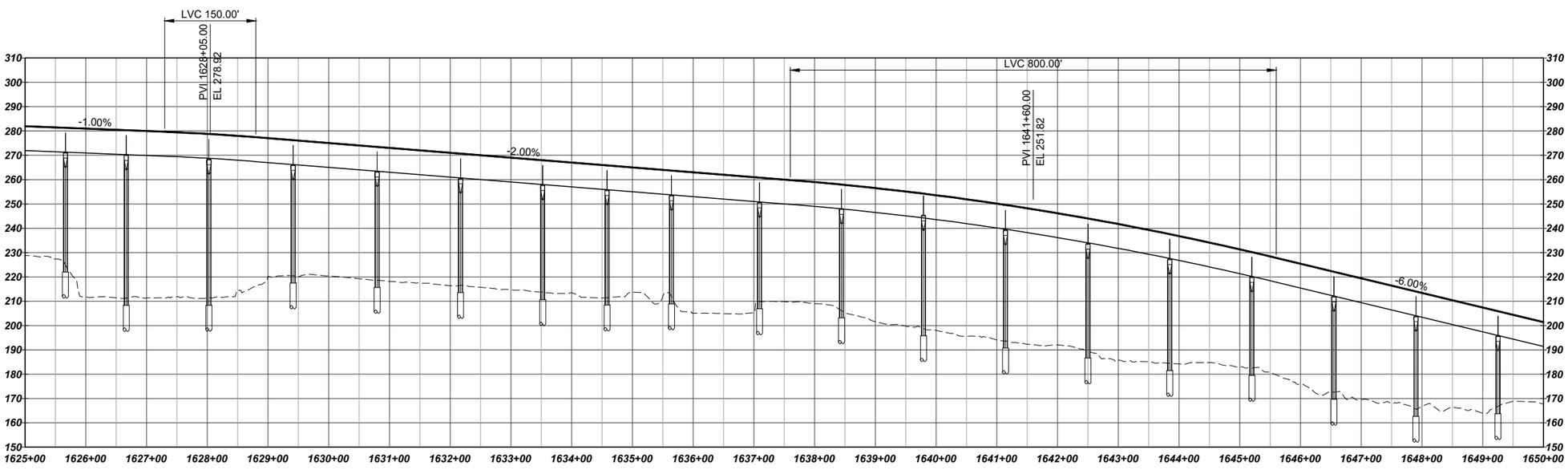

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1625+00 TO STA 1650+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

JA0-KAP06

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

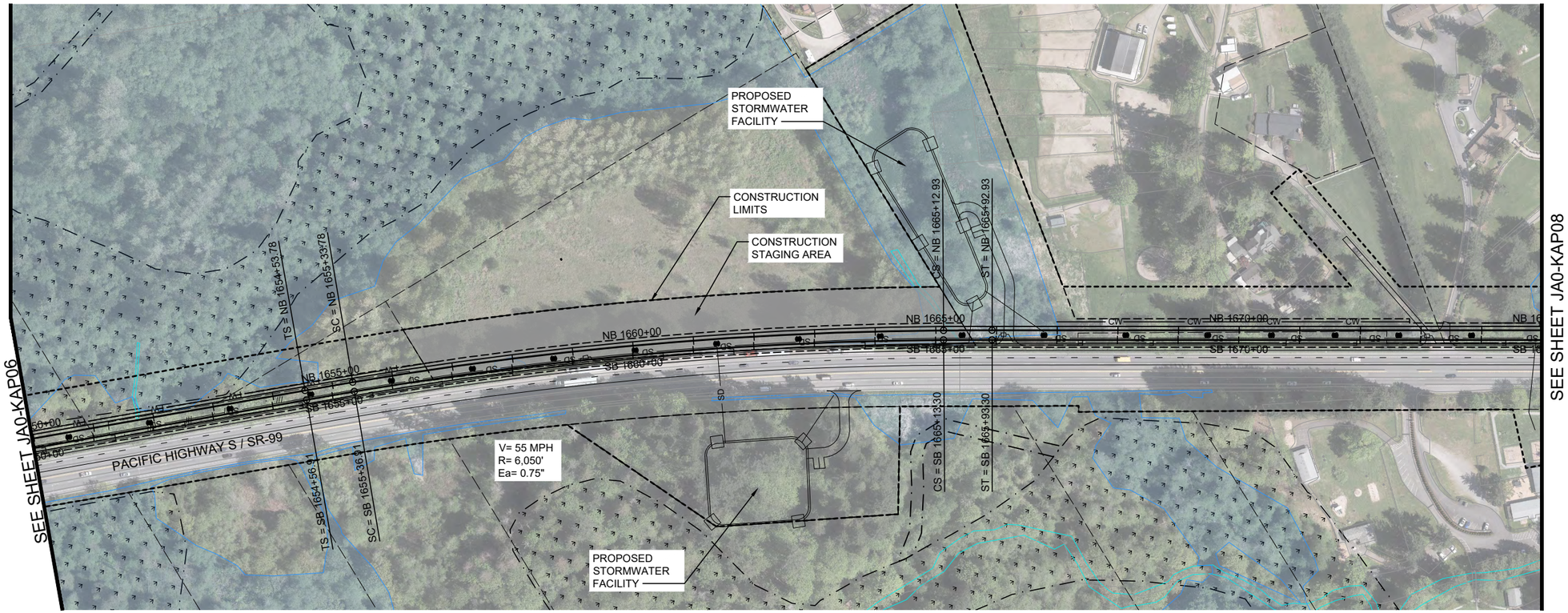

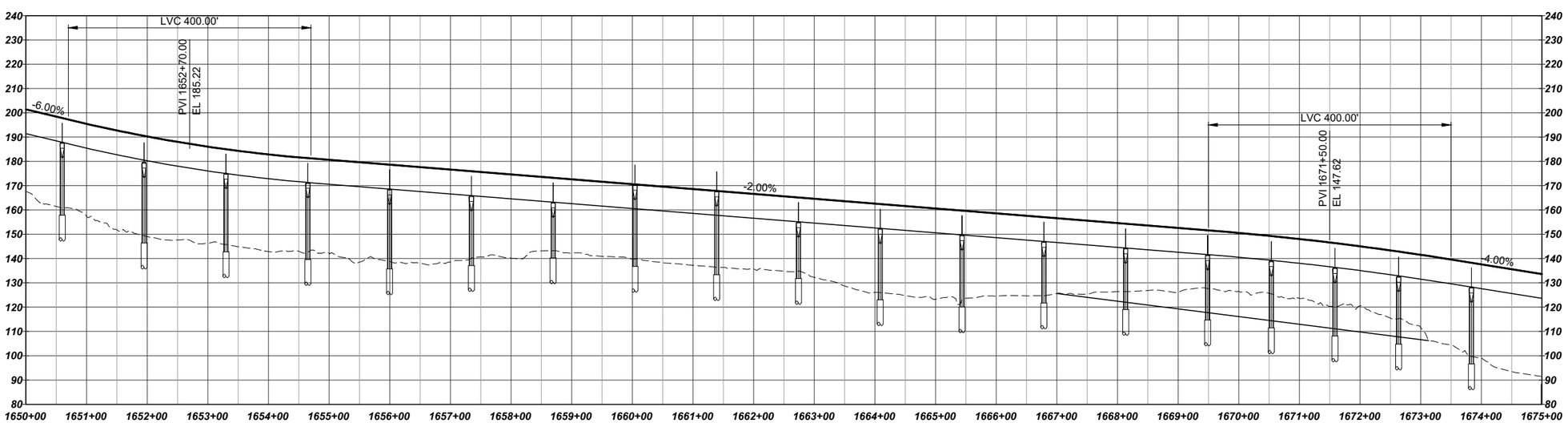

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1650+00 TO STA 1675+00

JA0-KAP07

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

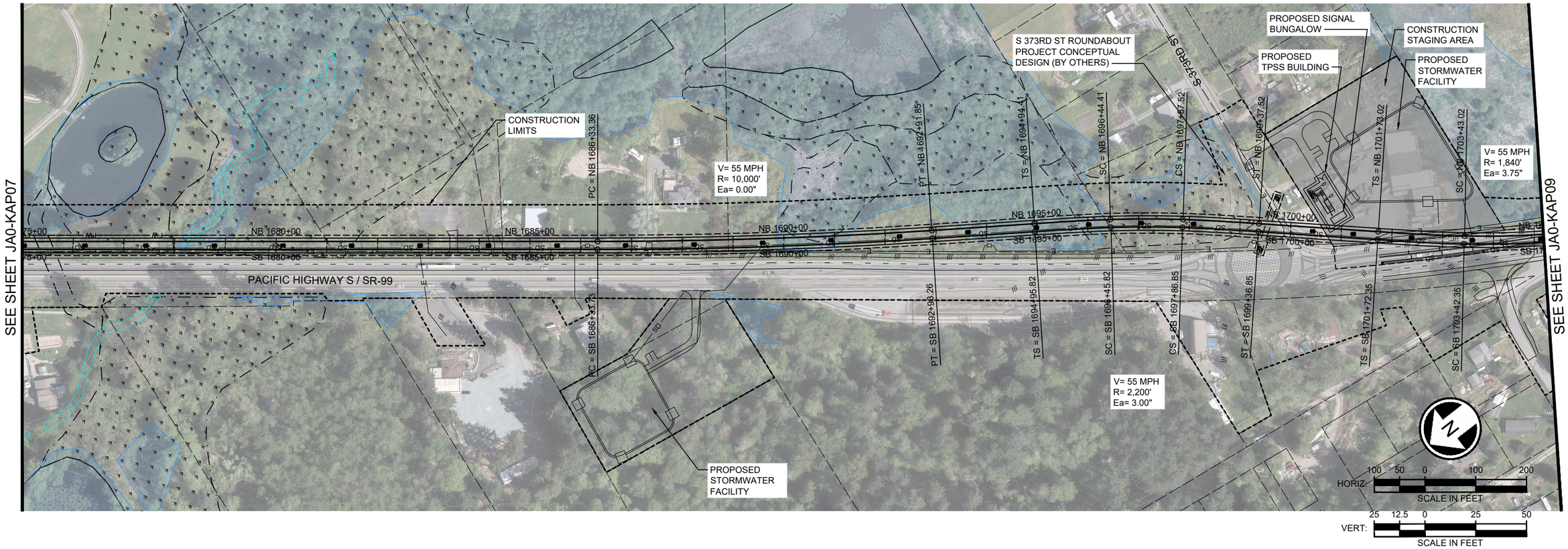

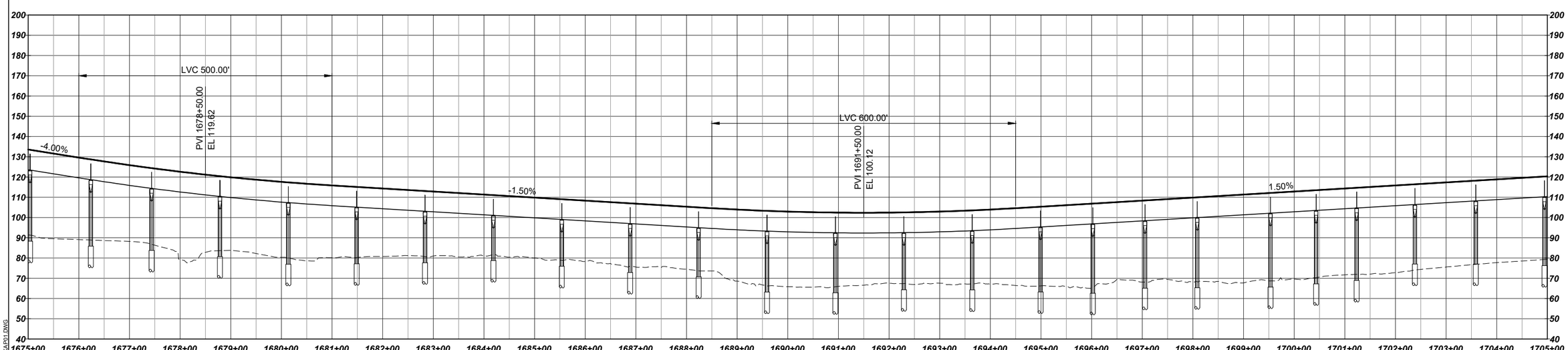

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1675+00 TO STA 1705+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

JA0-KAP08

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

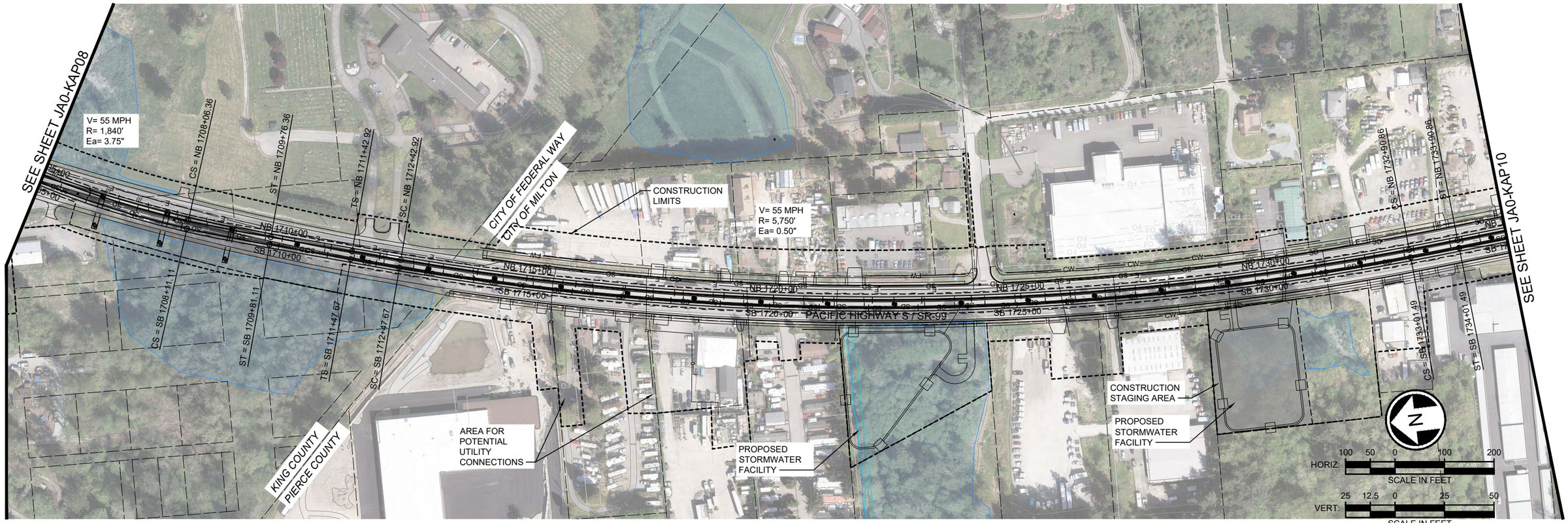

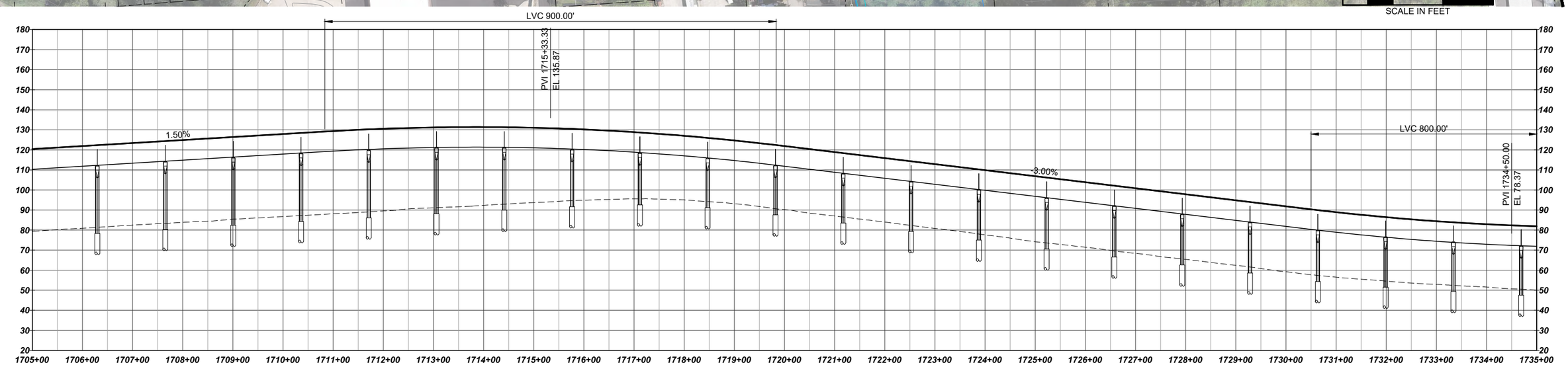

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1705+00 TO STA 1735+00

JA0-KAP09

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

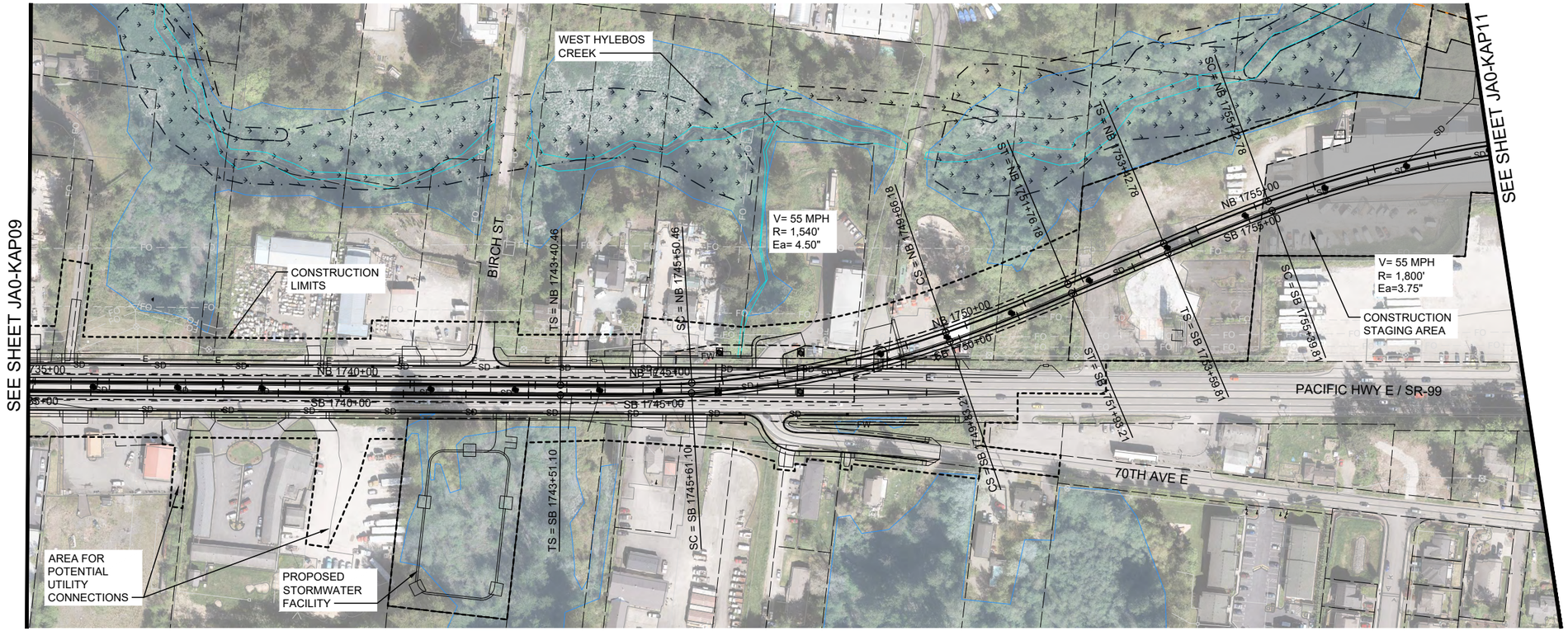

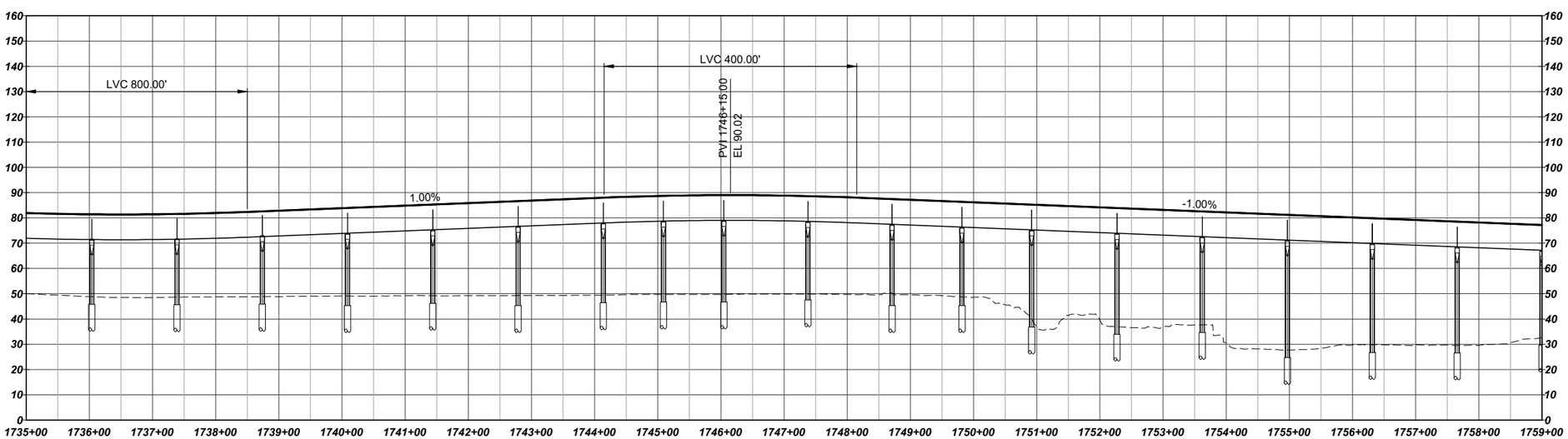

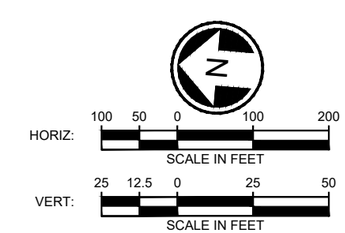

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1735+00 TO STA 1759+00

JA0-KAP10

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

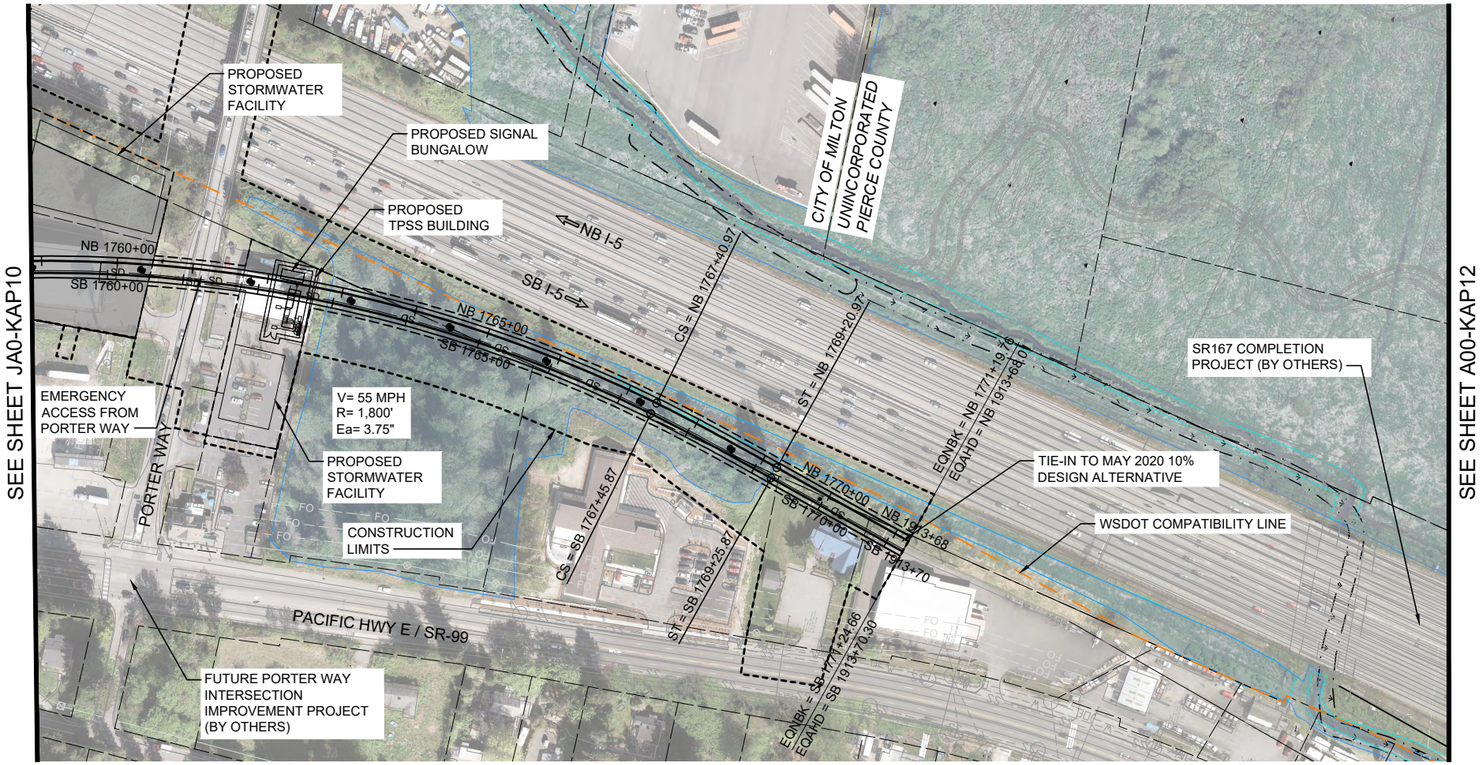

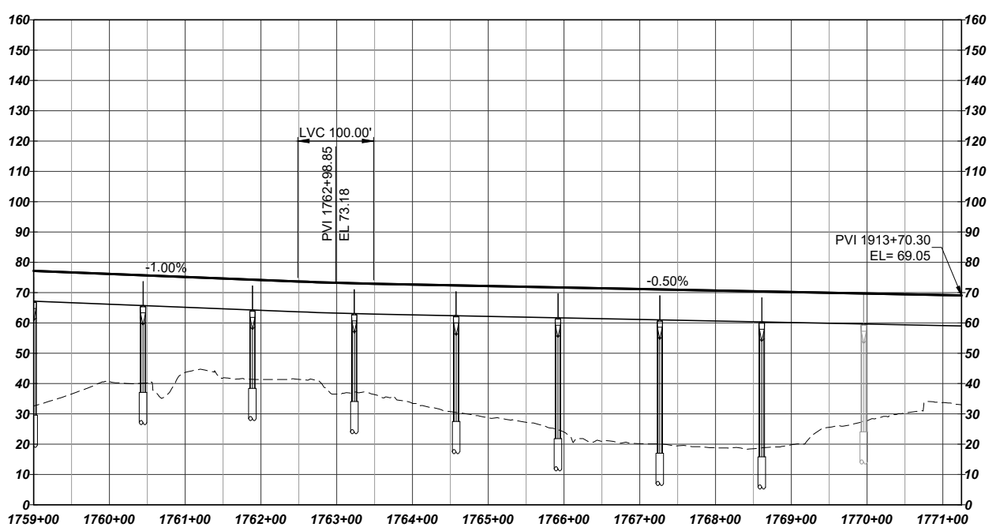

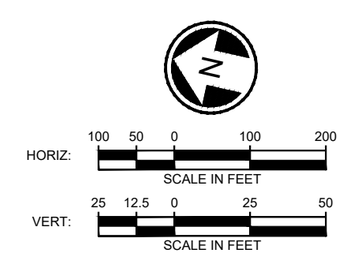

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF 99 - EAST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1759+00 TO STA 1913+70

NOTES:
1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

JA0-KAP11

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

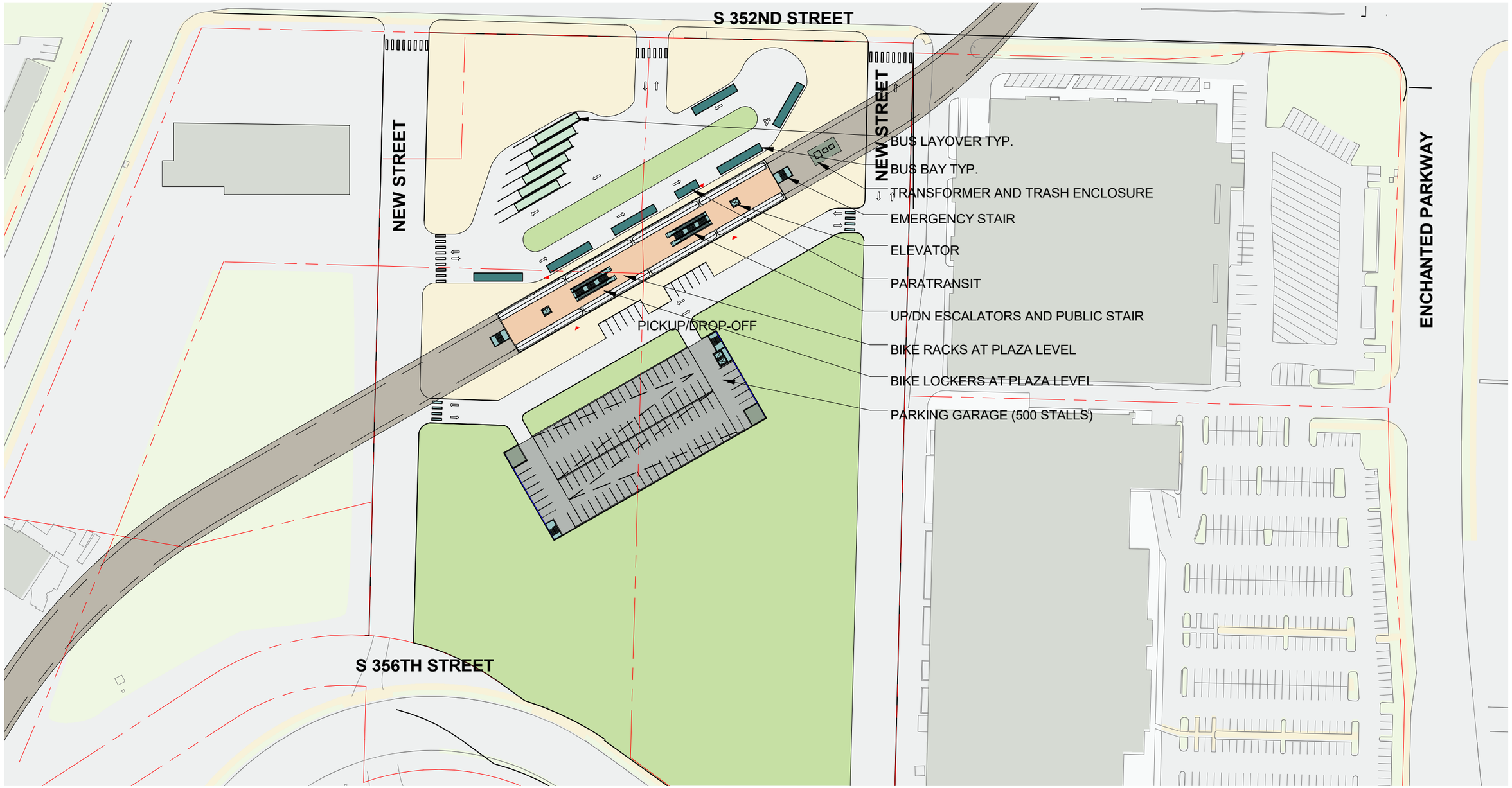

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'
N

SOUNDTRANSIT
schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
SITE PLAN

JA00-ASP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

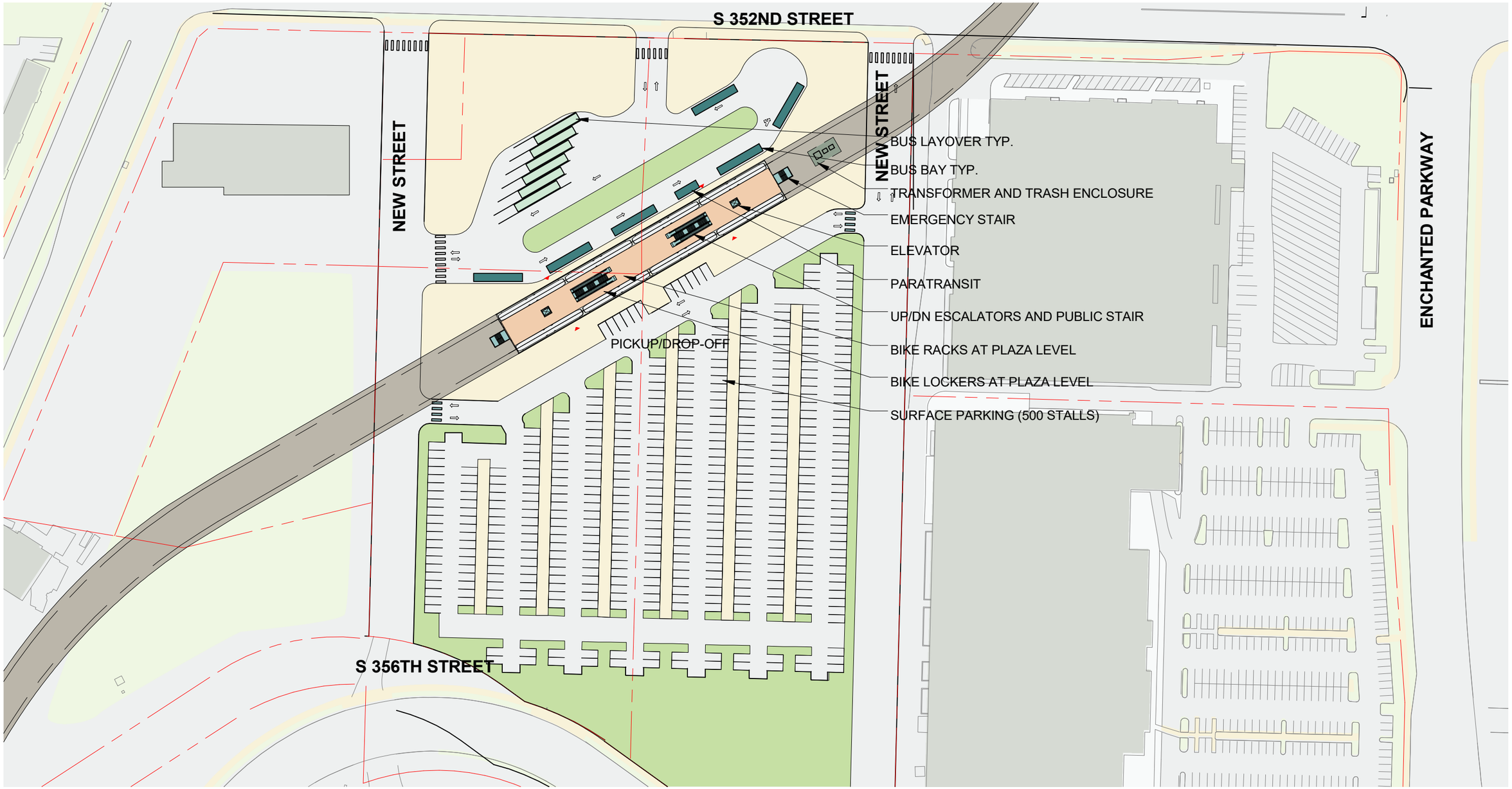

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120' N

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
SITE PLAN - SURFACE PARKING OPTION

JA00-ASP102

8/8/2023 2:54:37 PM
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

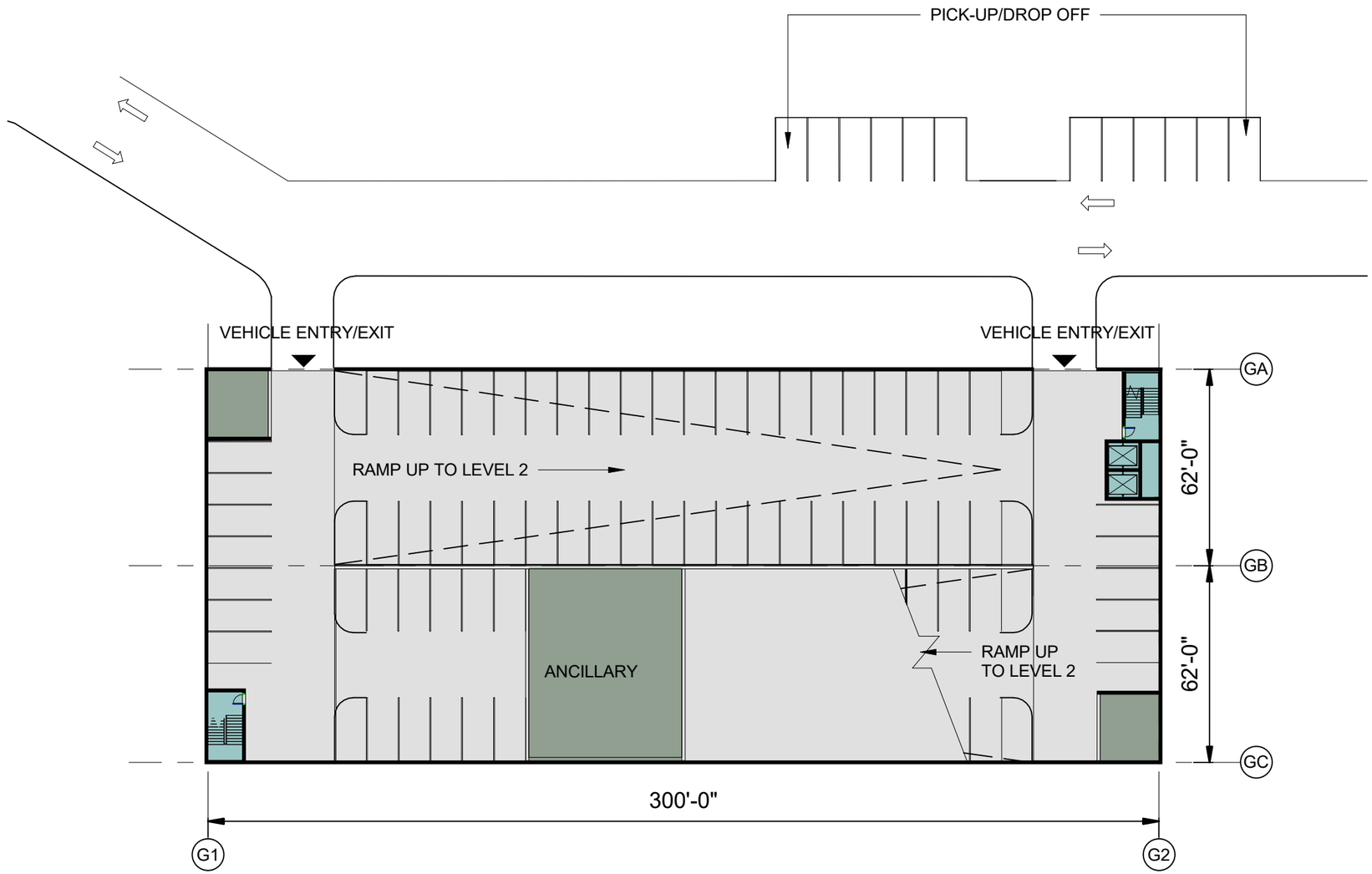

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
TYPICAL GARAGE PLAN

JA00-APP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

NEW STREET

S 352ND STREET

BUS LAYOVER, TYP.

PARATRANSIT

BUS BAY, TYP.

TRANSFORMER AND TRASH ENCLOSURE

ENTRY EL. 240'-0"

ANCILLARY

UP

UP

ENTRY EL. +243'-0"

ELEVATOR, TYP.

BIKE LOCKERS

PUBLIC STAIR, TYP.

ELEVATED GUIDEWAY ABOVE

EMERGENCY STAIR, TYP.

BIKE RACKS

PICK-UP / DROP-OFF

UP/DOWN ESCALATORS, TYP.

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

Note: Additional columns may be necessary to support mezzanine structure

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
PLAZA LEVEL PLAN

JA00-APP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

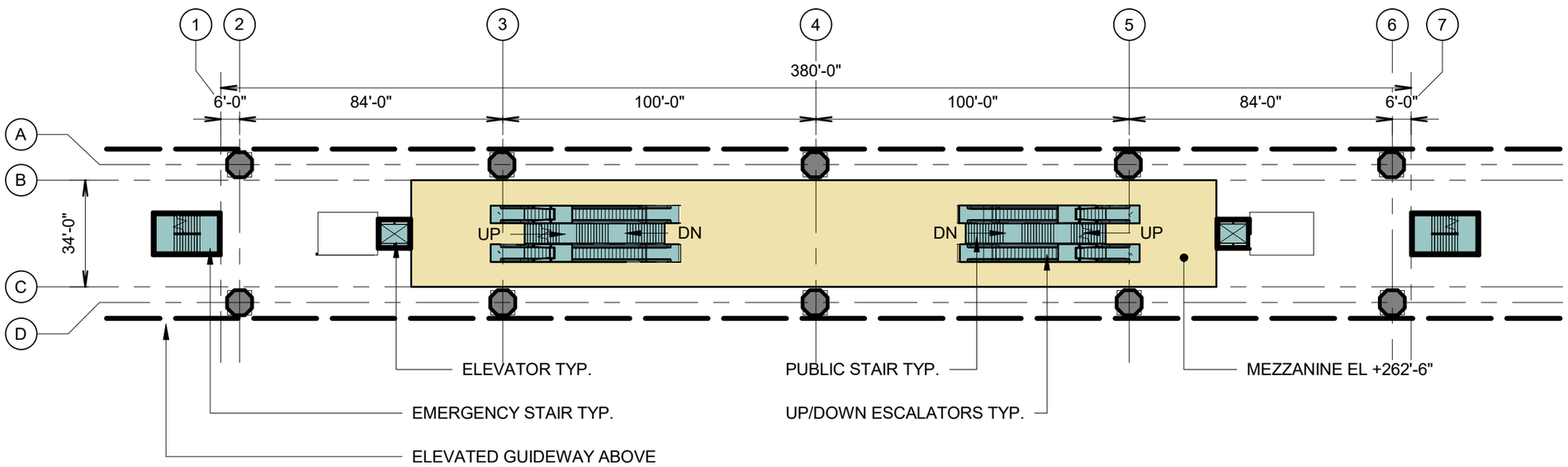

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
MEZZANINE LEVEL PLAN

JA00-APP103

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

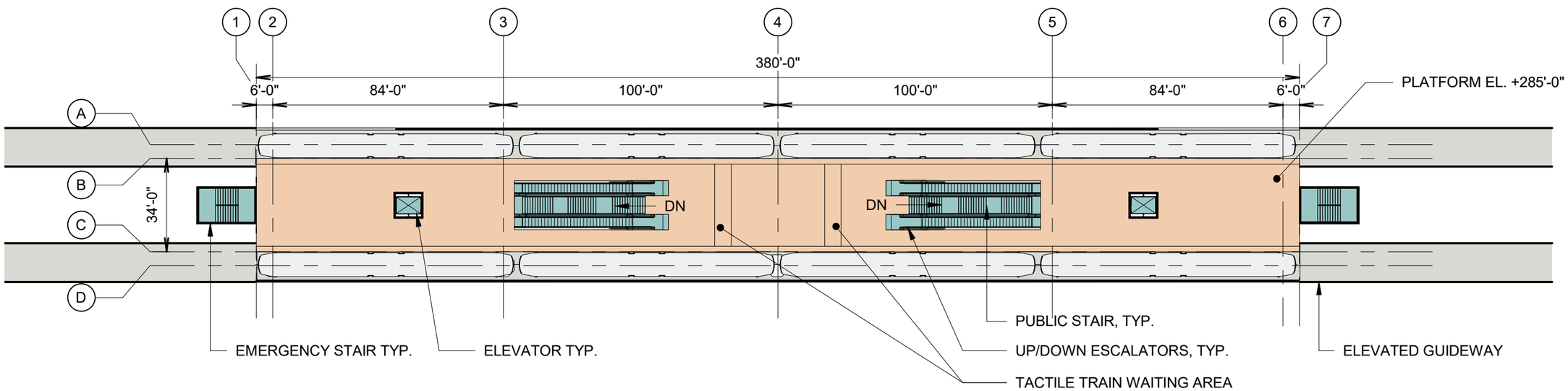

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
PLATFORM LEVEL PLAN

JA00-APP104

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

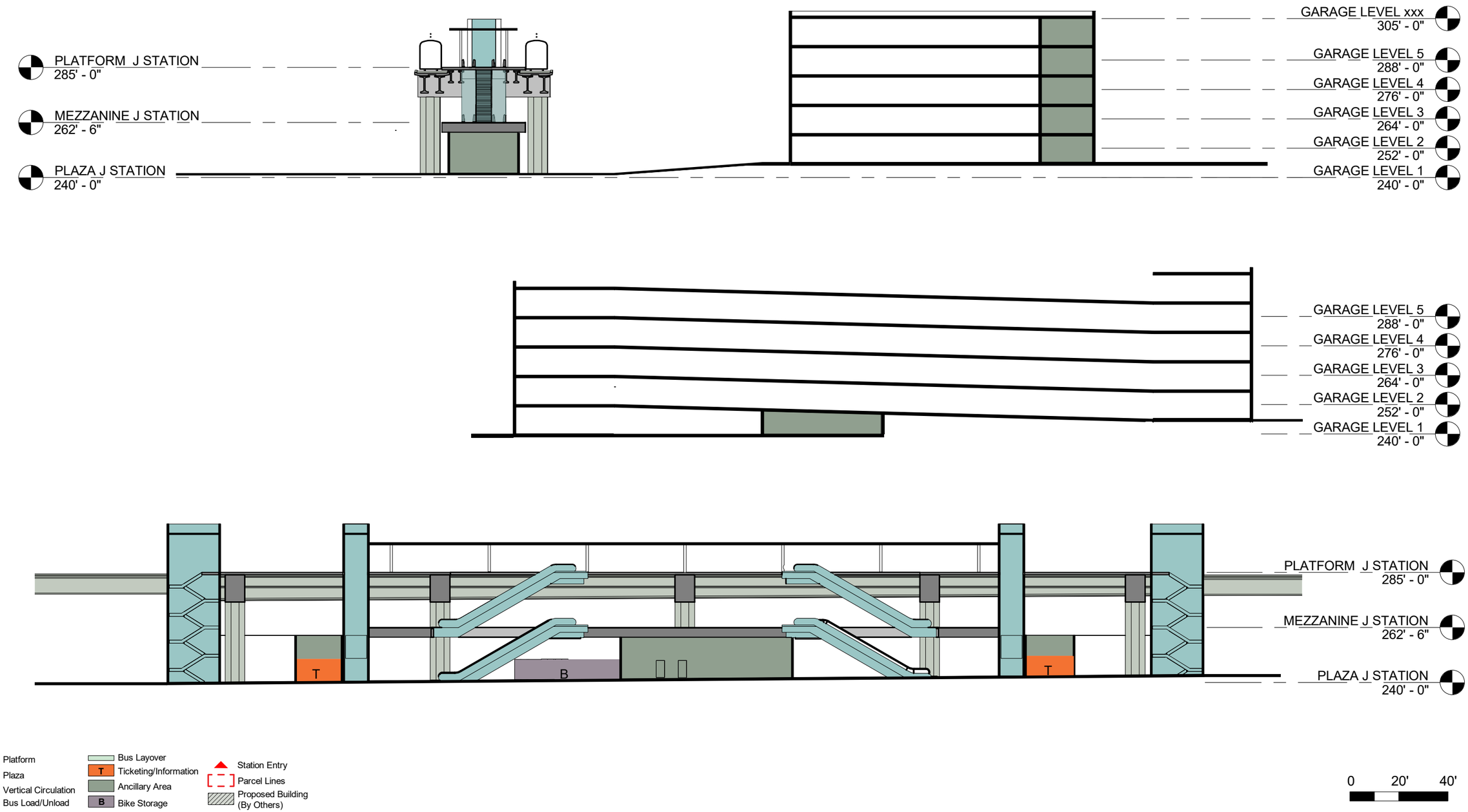

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

JA SF 99 - EAST ALTERNATIVE
SF 99 - 352ND STATION
SECTIONS

JA00-ASX101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

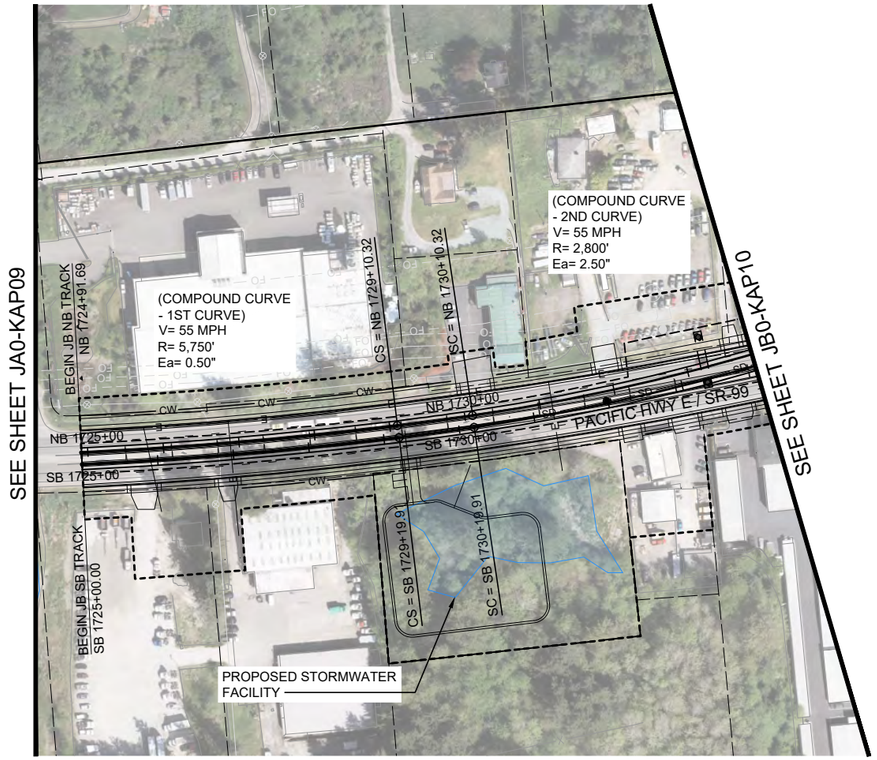

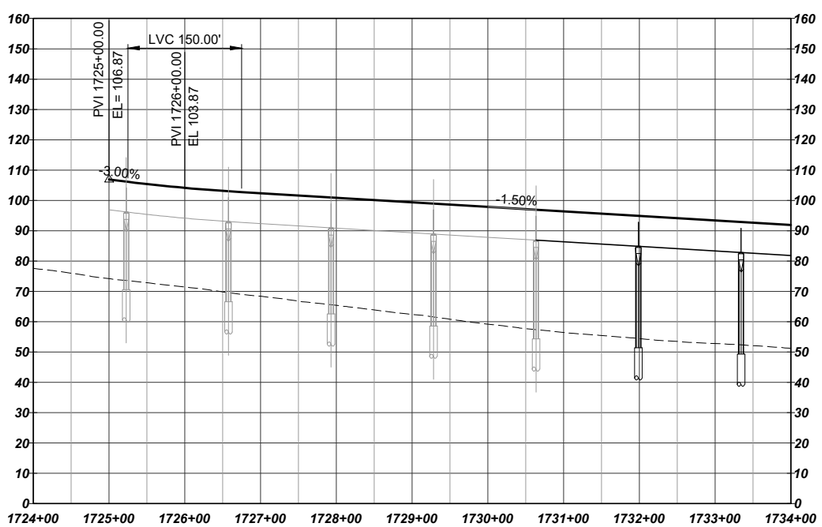

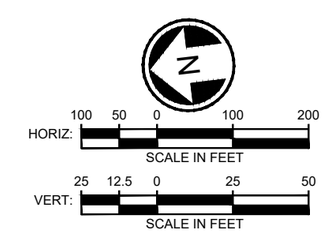

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT

HDR

SF 99 - EAST PORTER WAY DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1725+00 TO STA 1734+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

JB0-KAP09

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

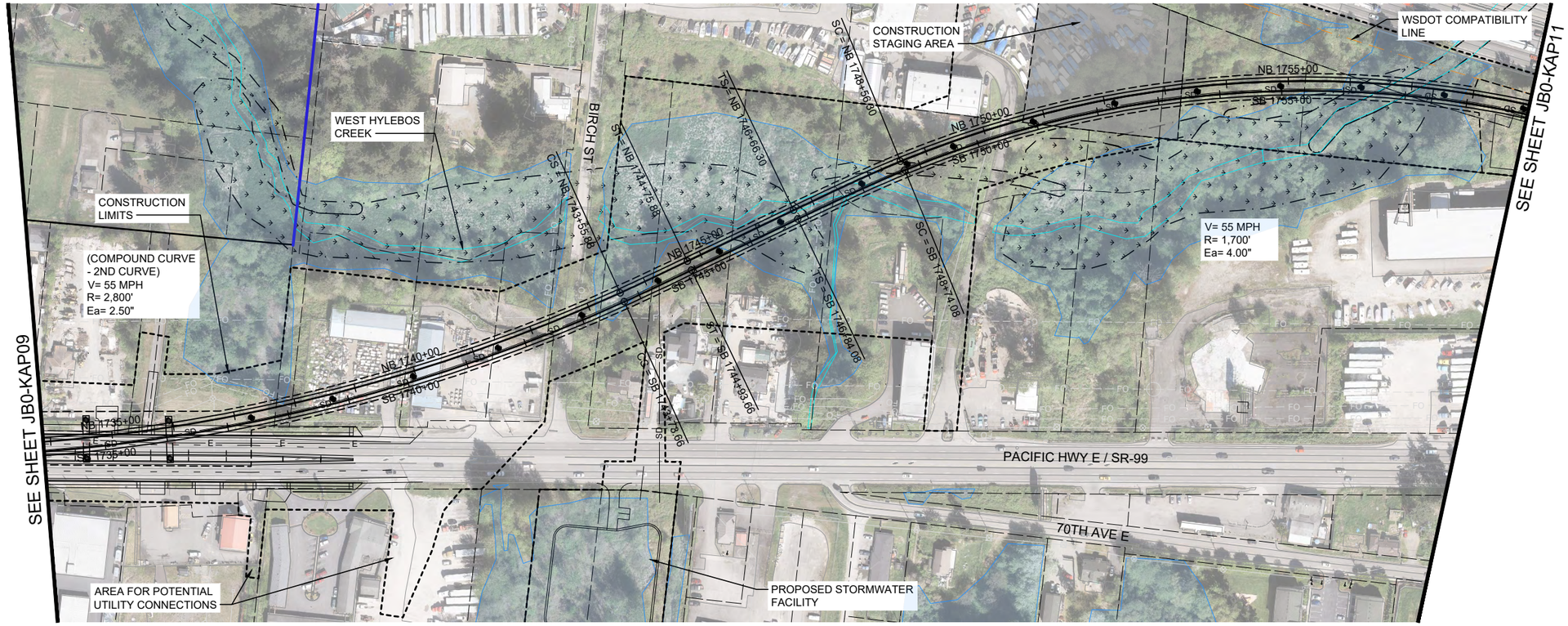

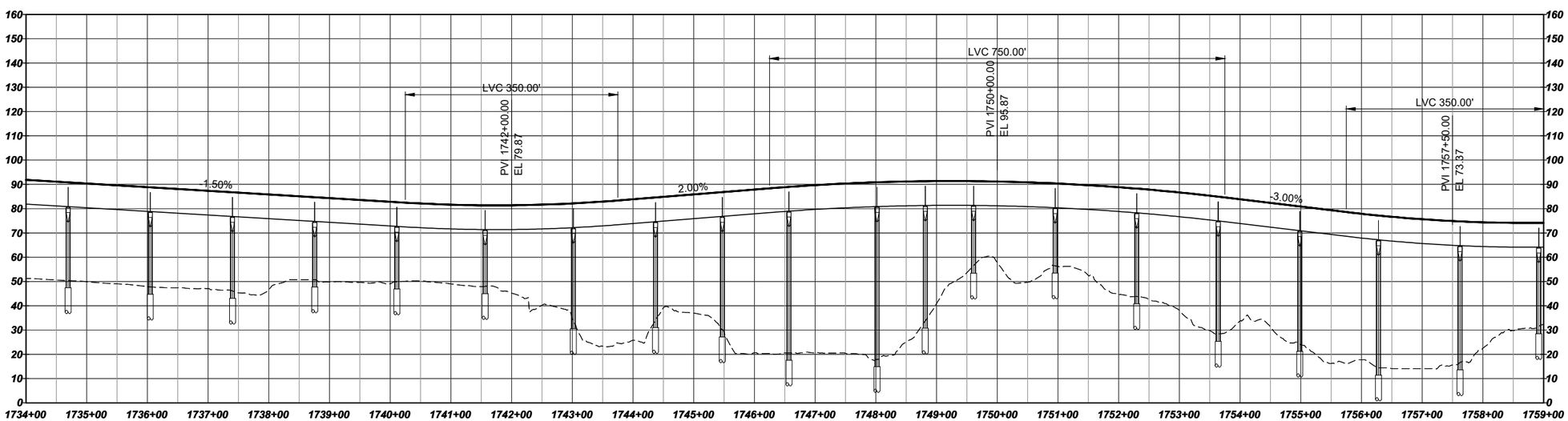

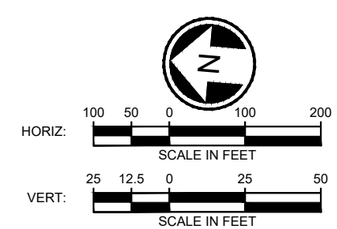

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

SF 99 - EAST PORTER WAY DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1734+00 TO STA 1759+00

JB0-KAP10

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

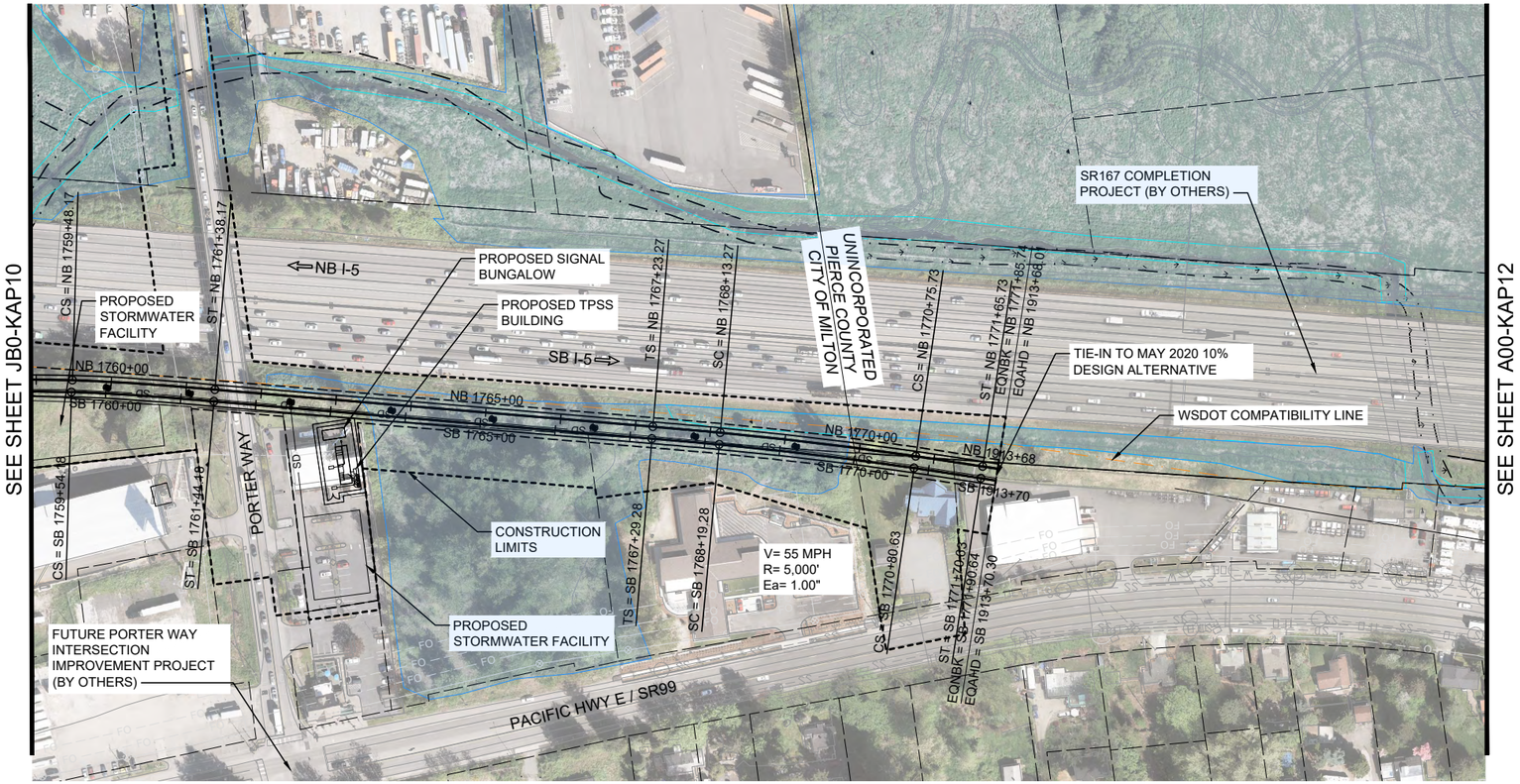

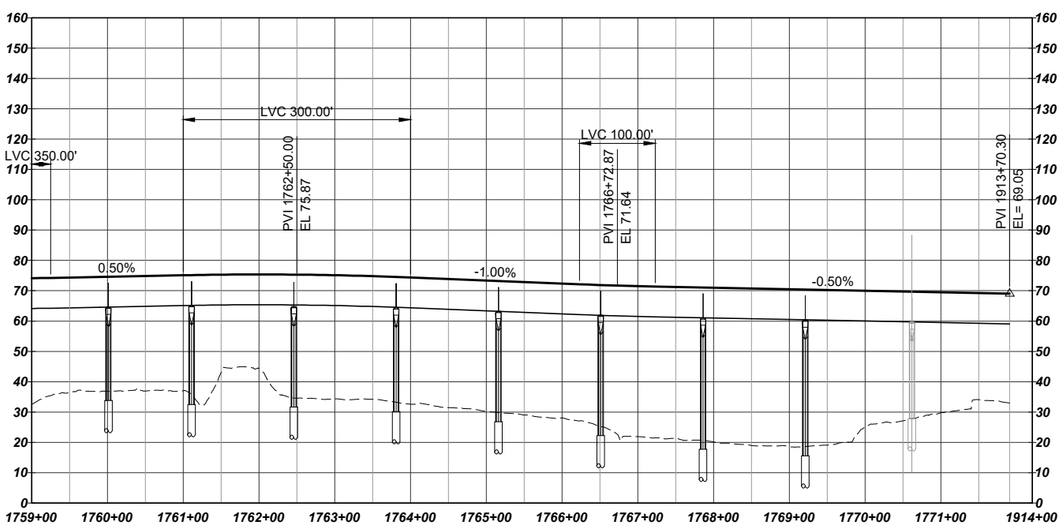

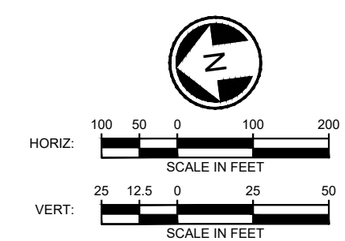

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - EAST PORTER WAY DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1759+00 TO STA 1913+70

JB0-KAP11

8/19/2024 4:27:17 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

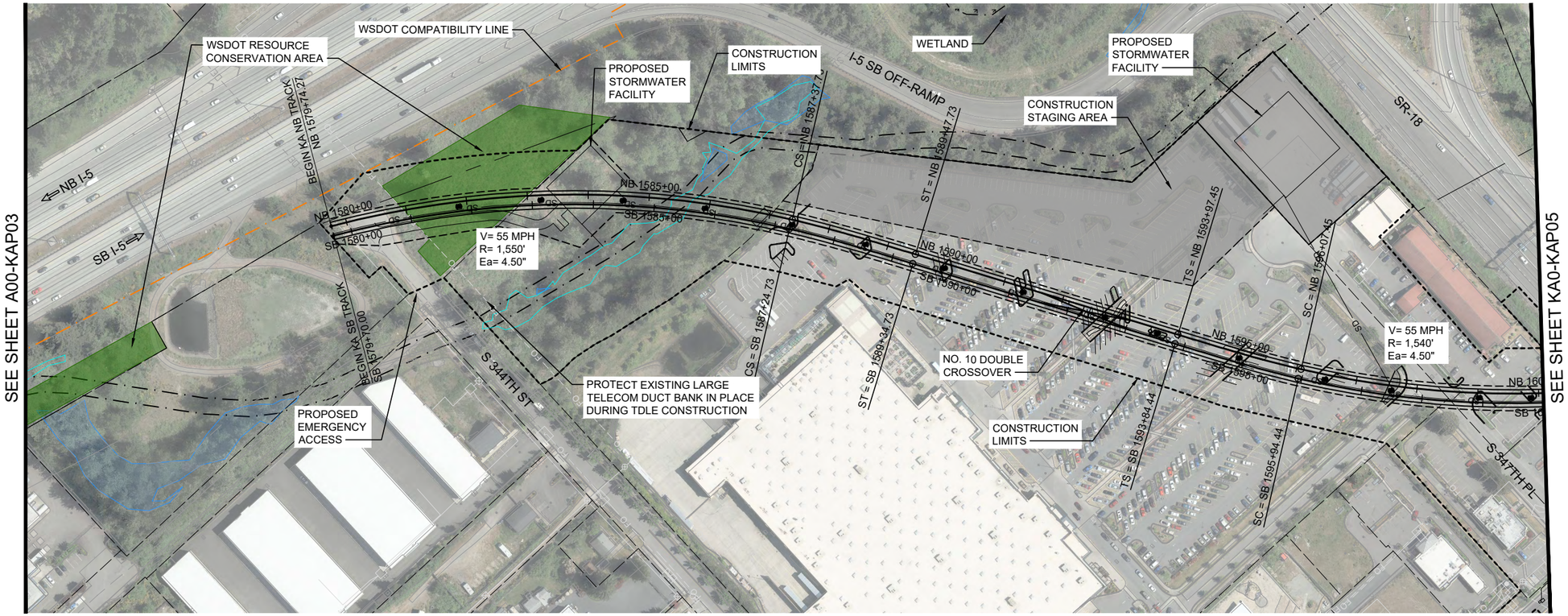

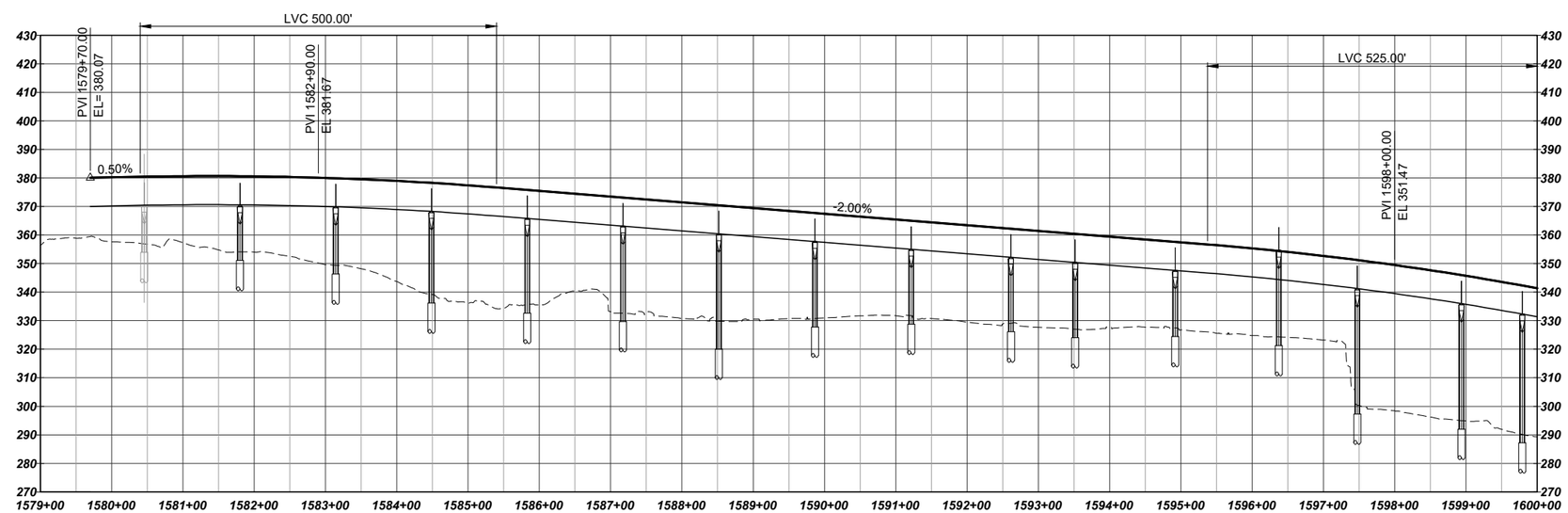

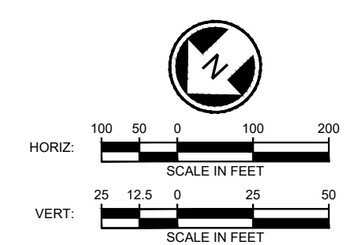

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF 99 - WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1579+70 TO STA 1600+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

KA0-KAP04

7/3/2024 2:57:28 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

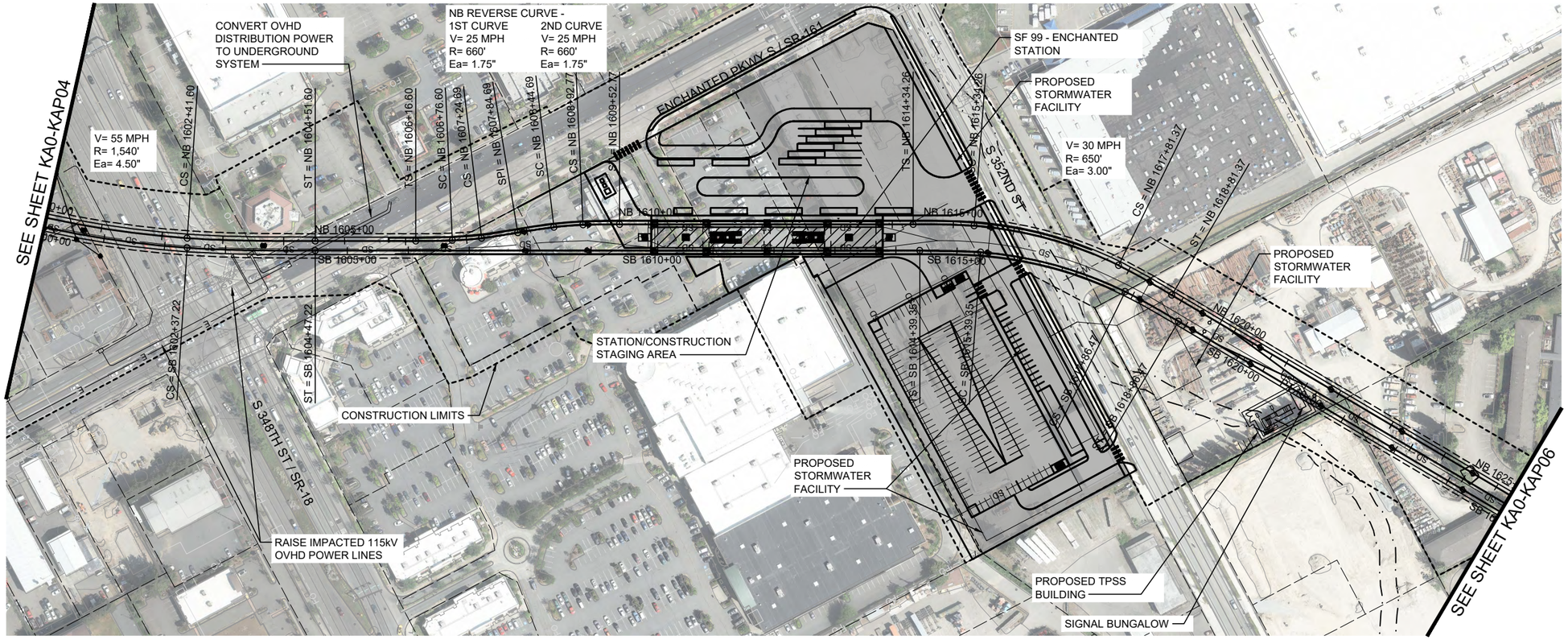

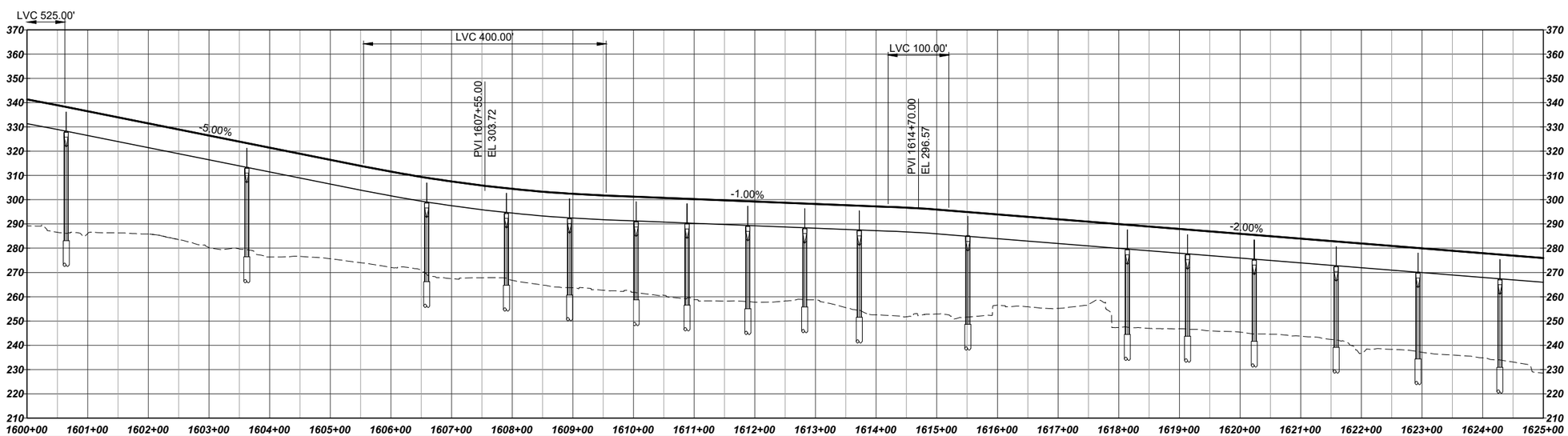

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF 99 - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1600+00 TO STA 1625+00

KA0-KAP05

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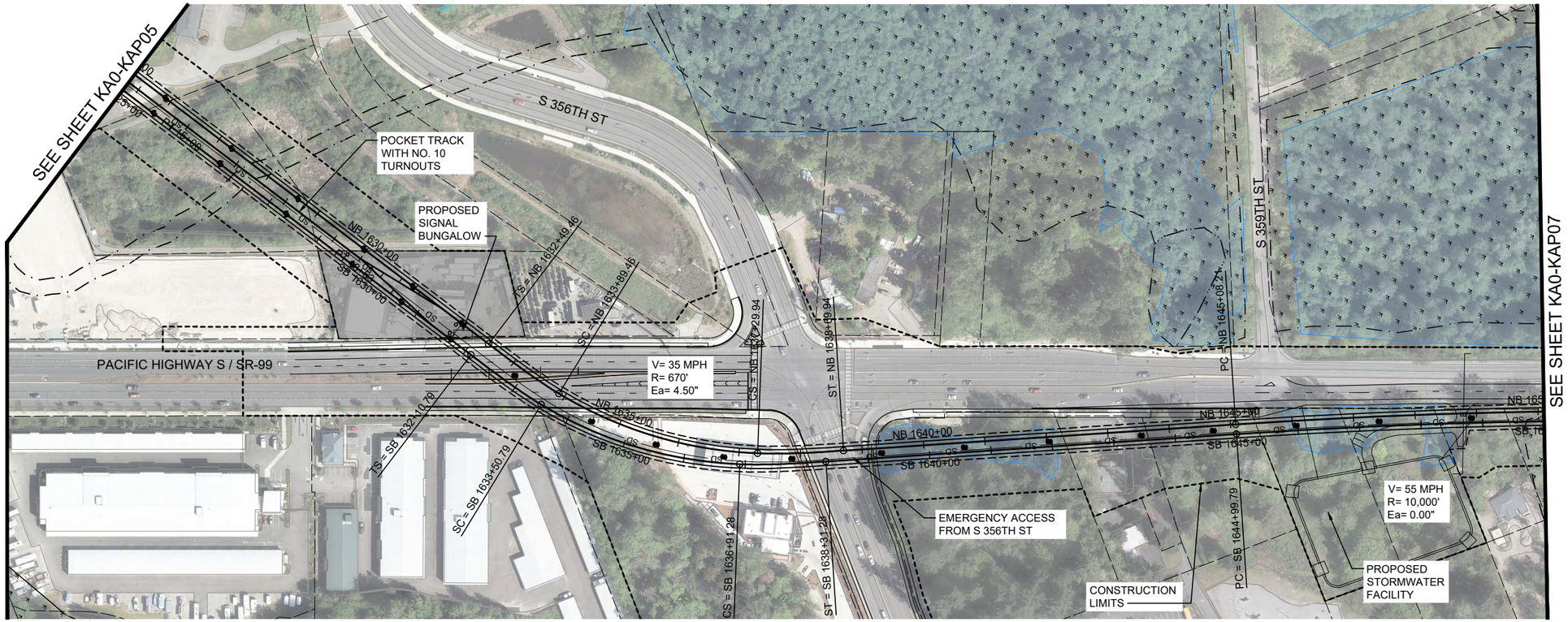

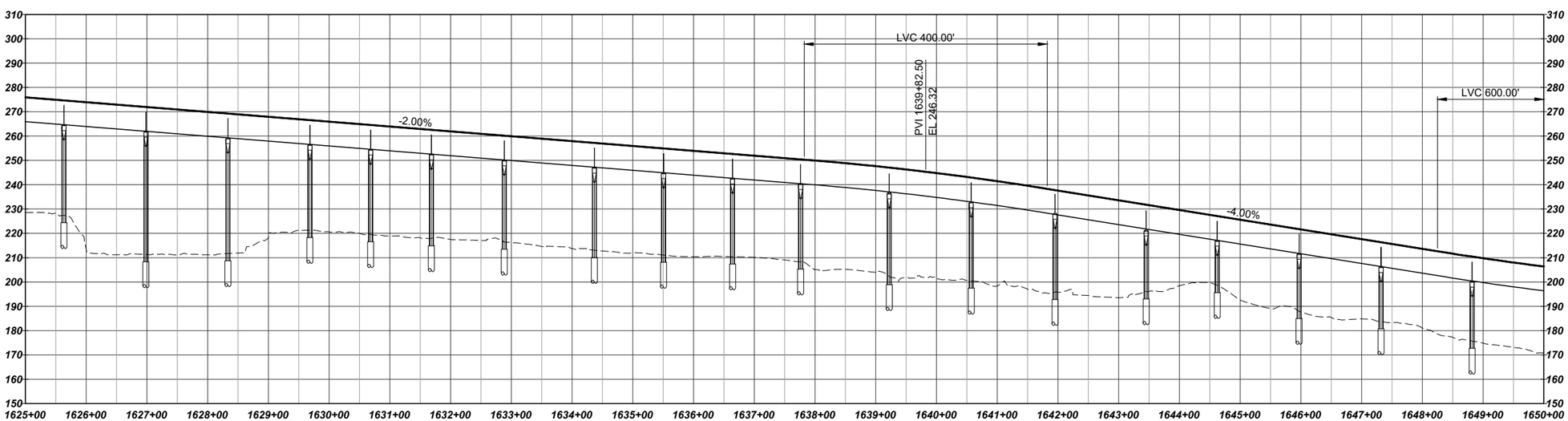

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

SF 99 - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1625+00 TO STA 1650+00

KA0-KAP06

7/3/2024 2:57:51 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

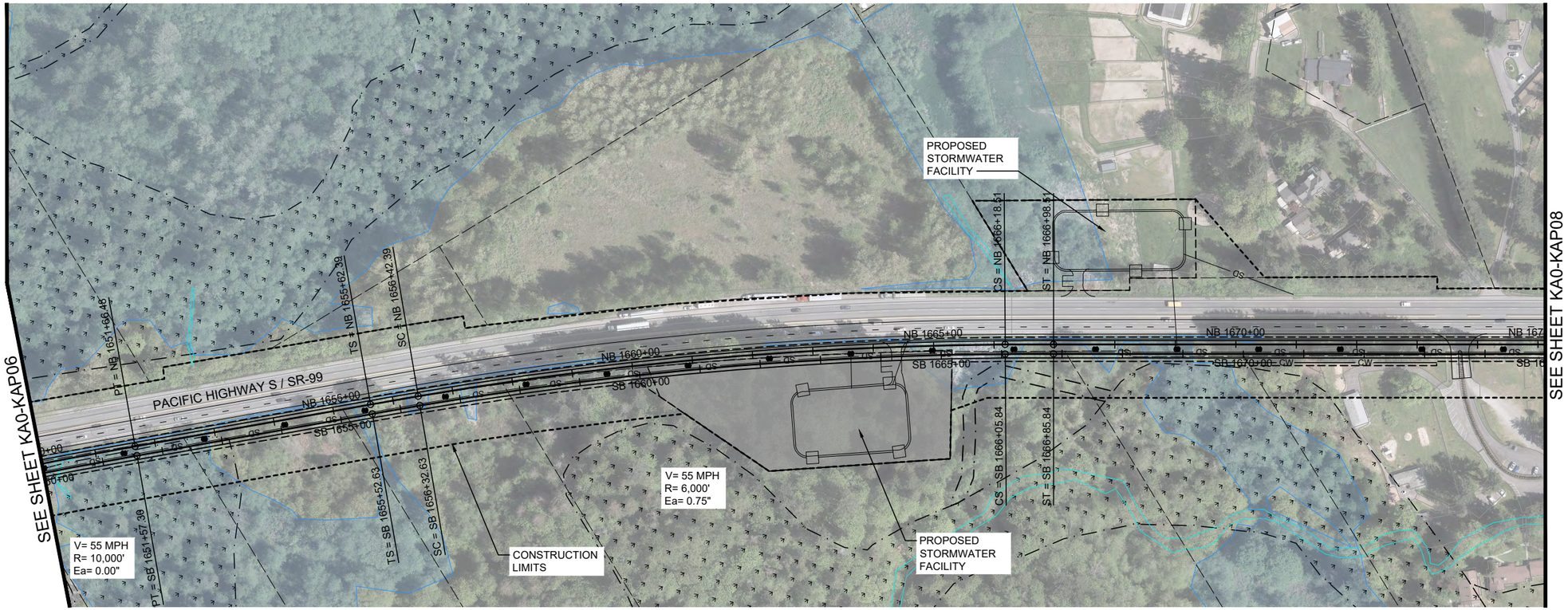

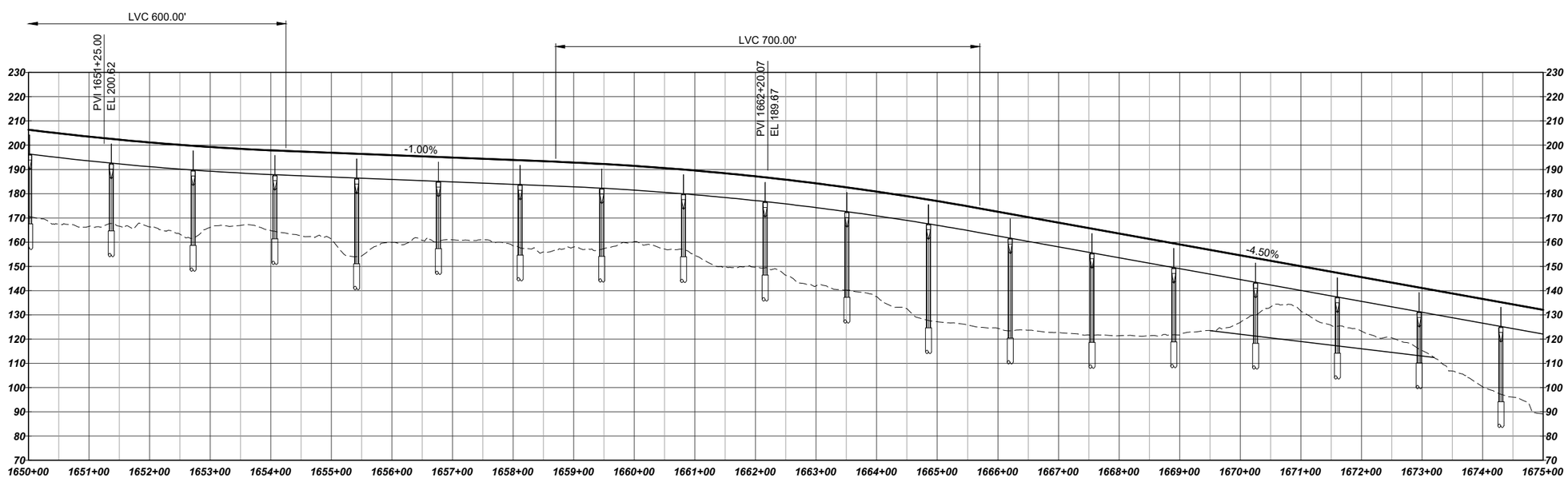

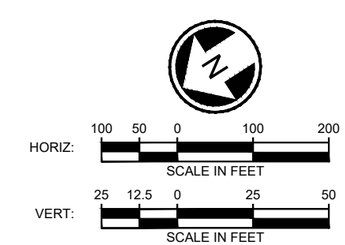

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1650+00 TO STA 1675+00

KA0-KAP07

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

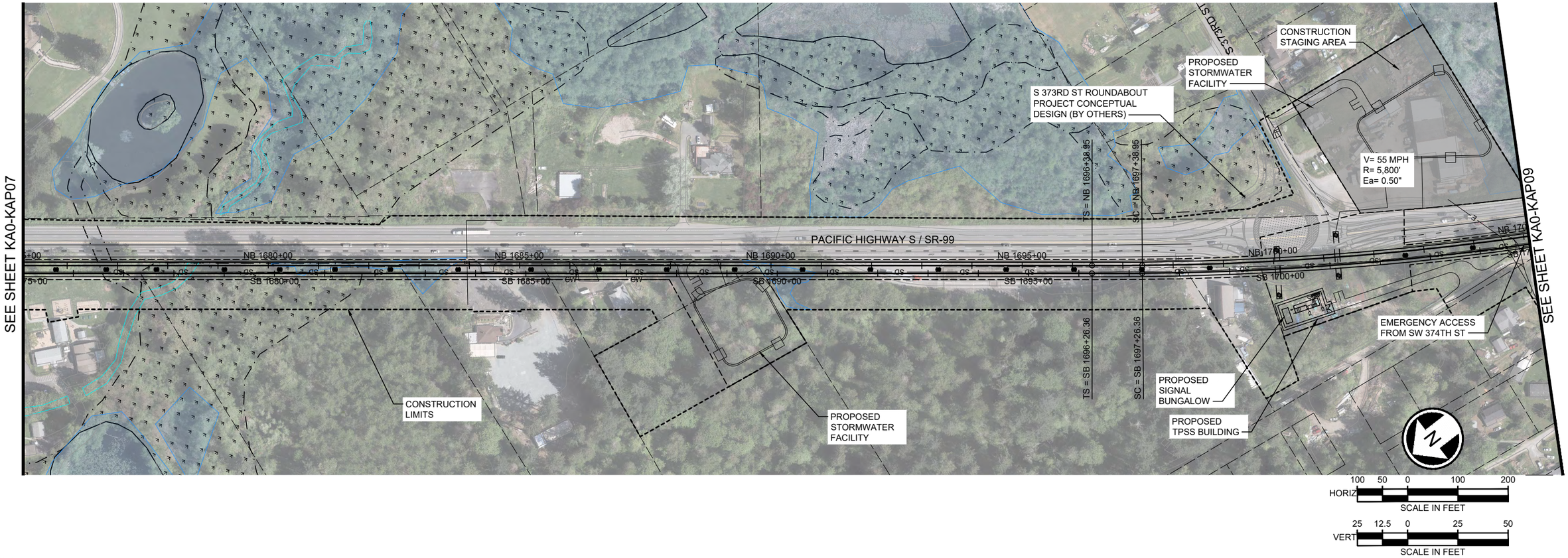

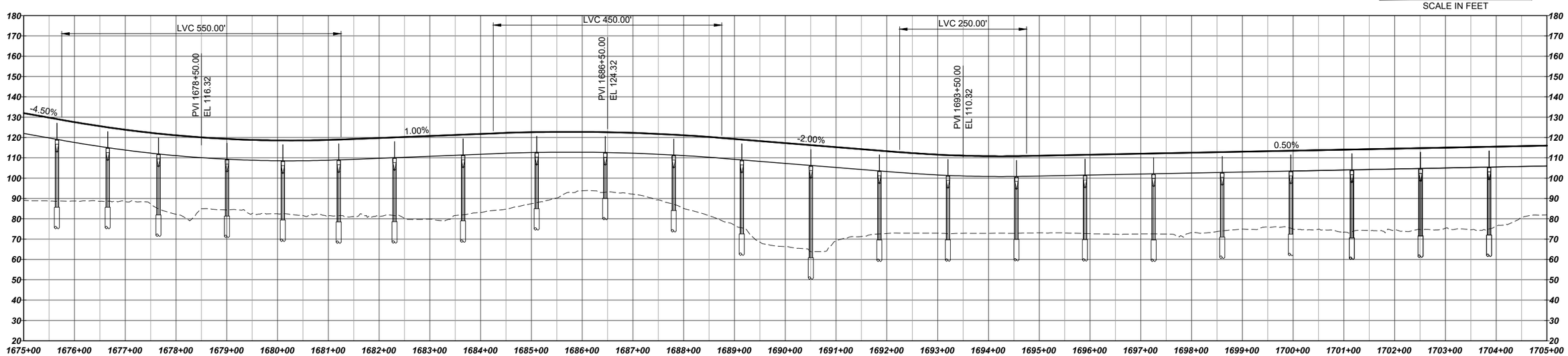

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT

HDR

SF 99 - WEST ALTERNATIVE TRACK PLAN AND PROFILE STA 1675+00 TO STA 1705+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

KA0-KAP08

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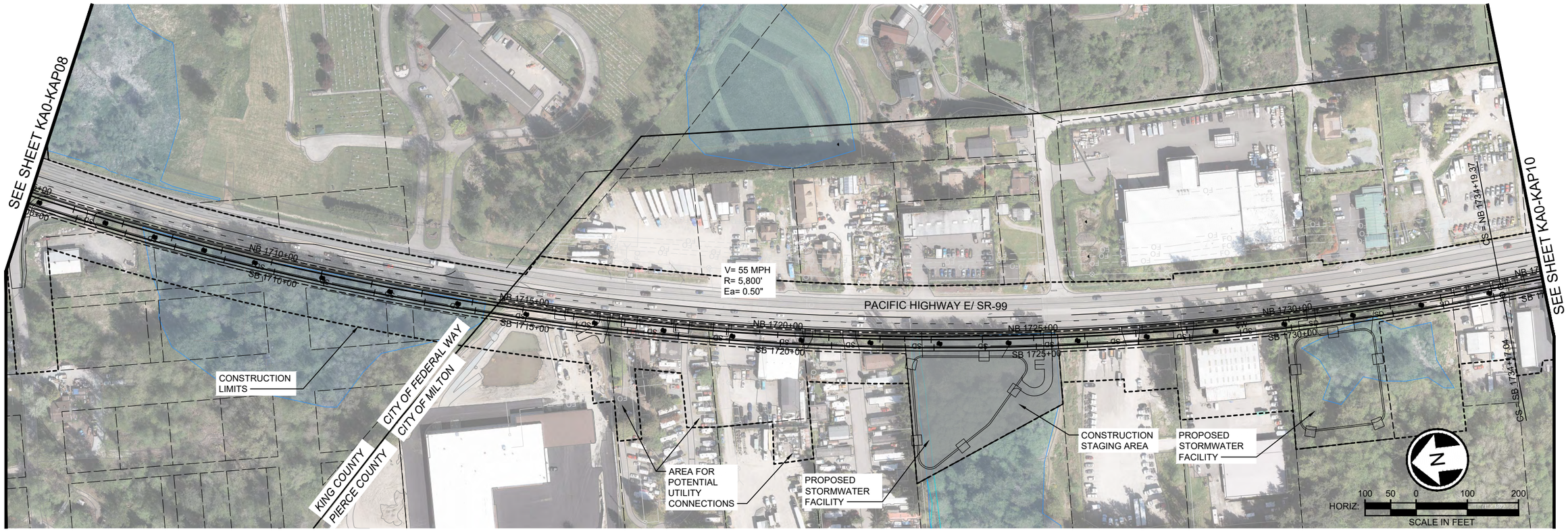

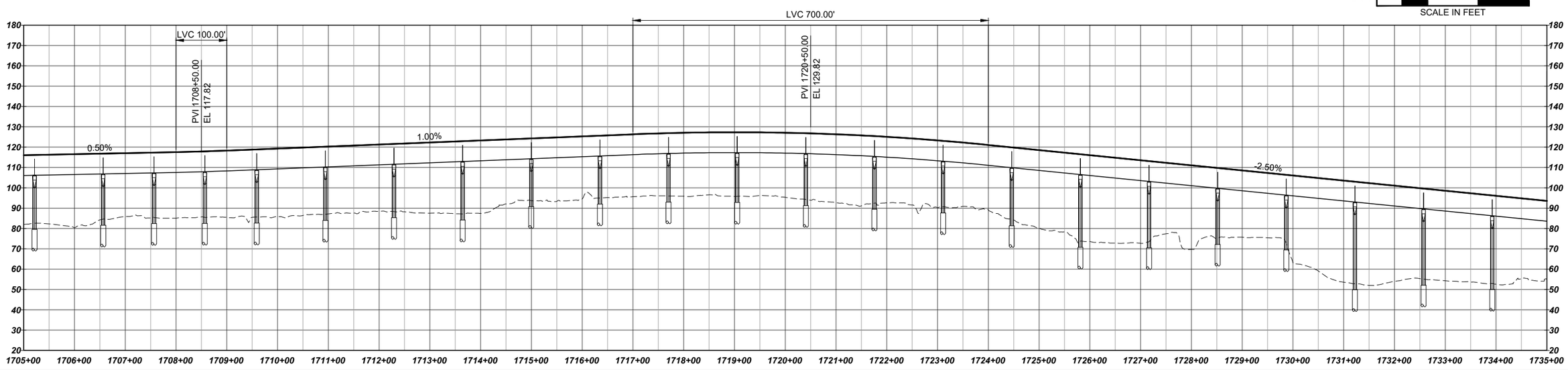

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1705+00 TO STA 1735+00

KA0-KAP09

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

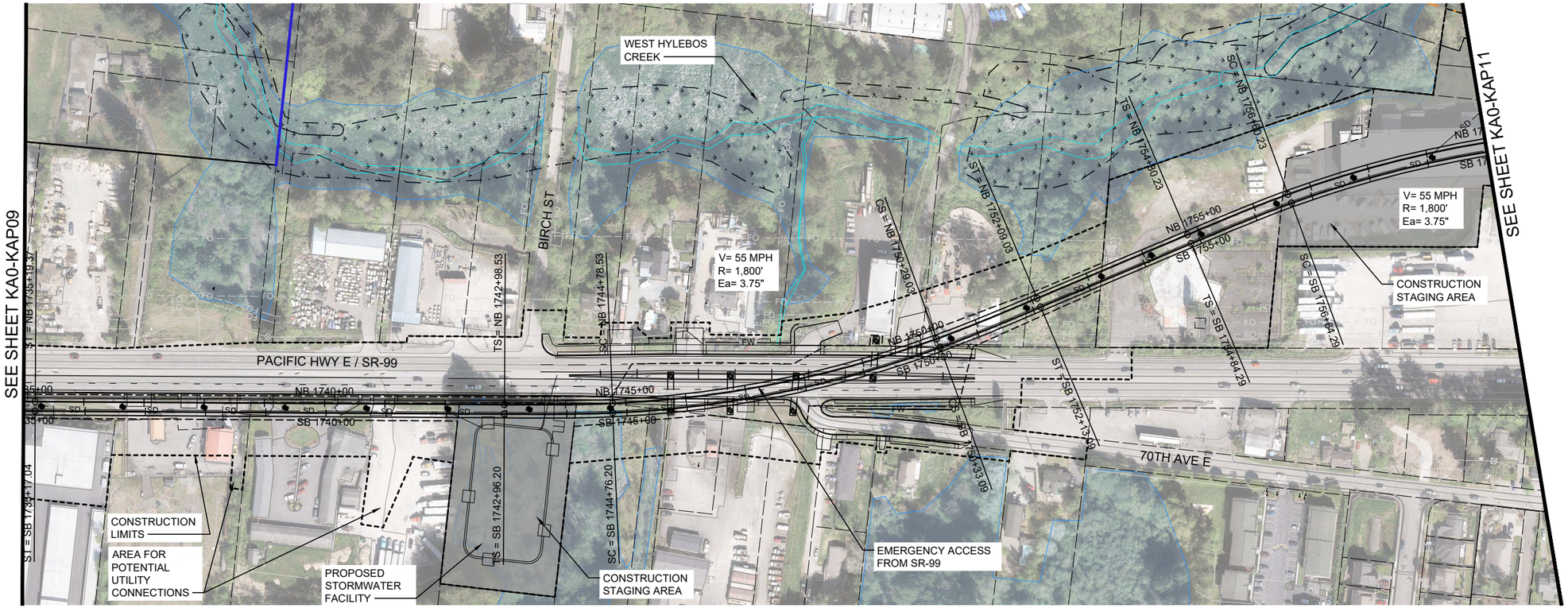

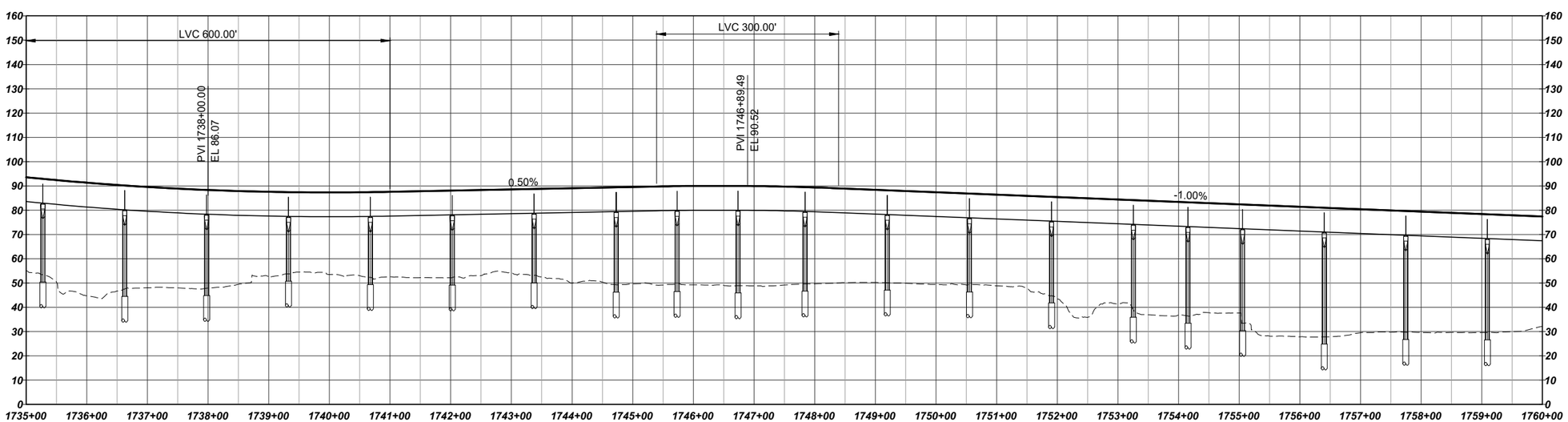

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1735+00 TO STA 1760+00

KA0-KAP10

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

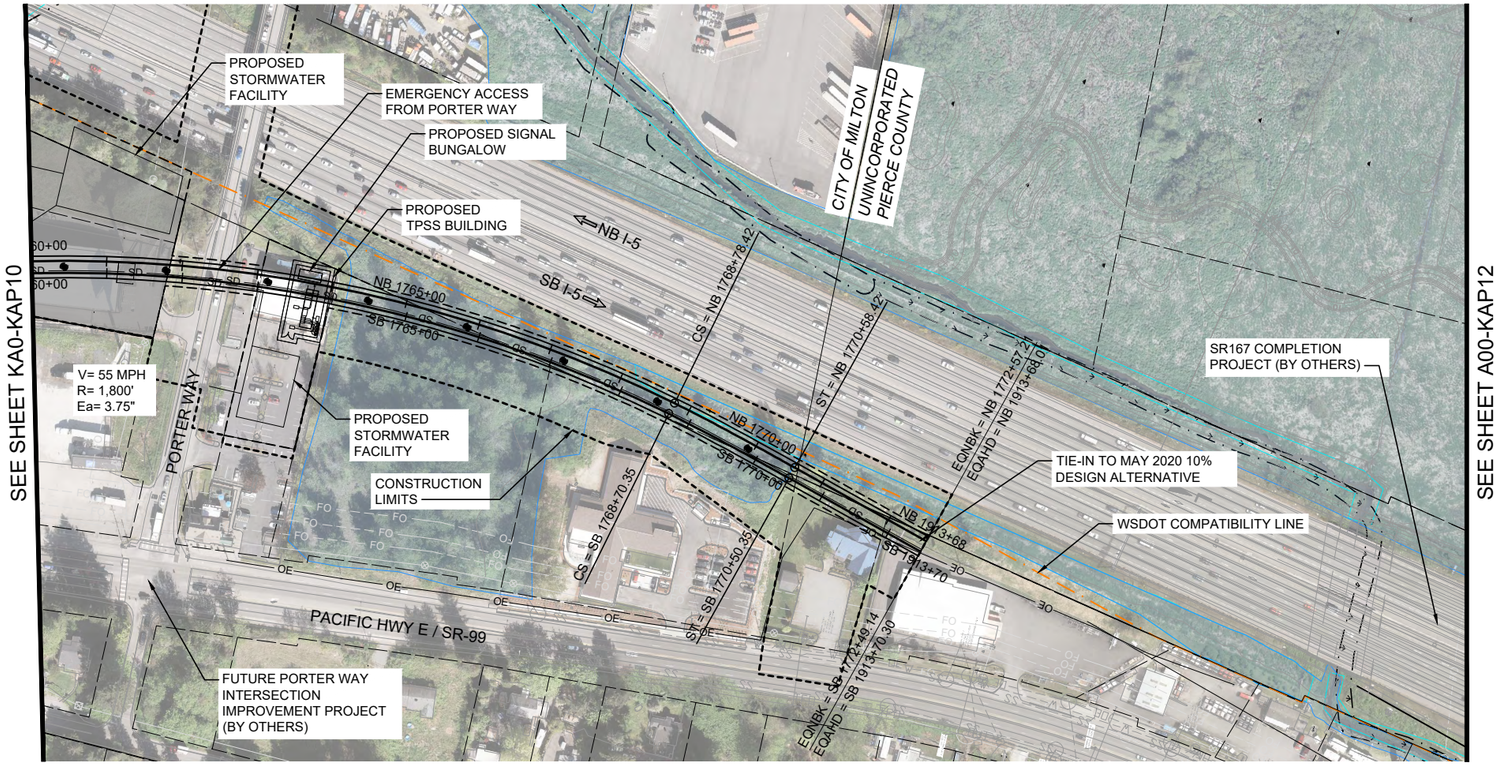

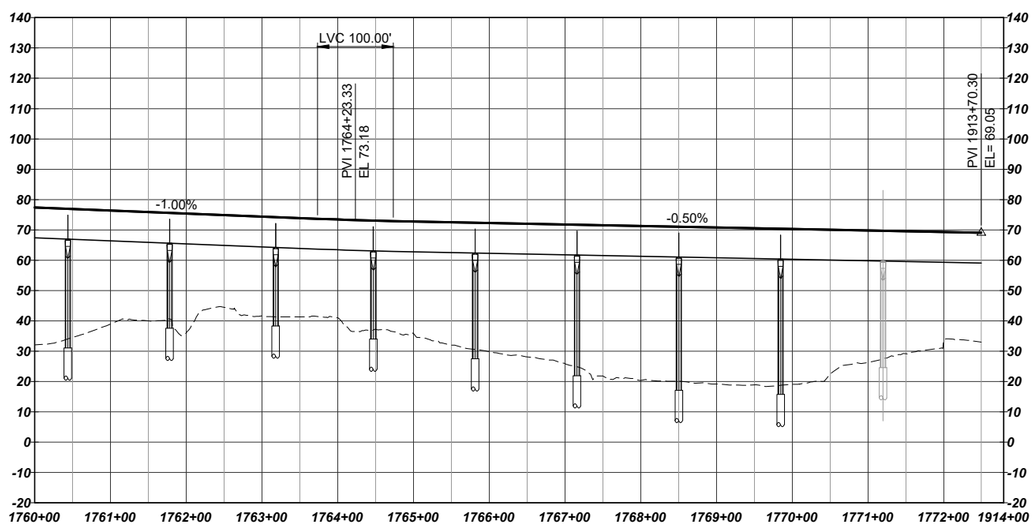

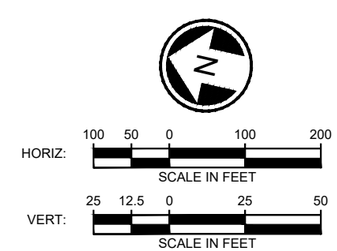

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF 99 - WEST ALTERNATIVE
TRACK PLAN AND PROFILE
STA 1760+00 TO STA 1913+70

NOTES:
1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

KA0-KAP11

7/3/2024 2:58:50 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

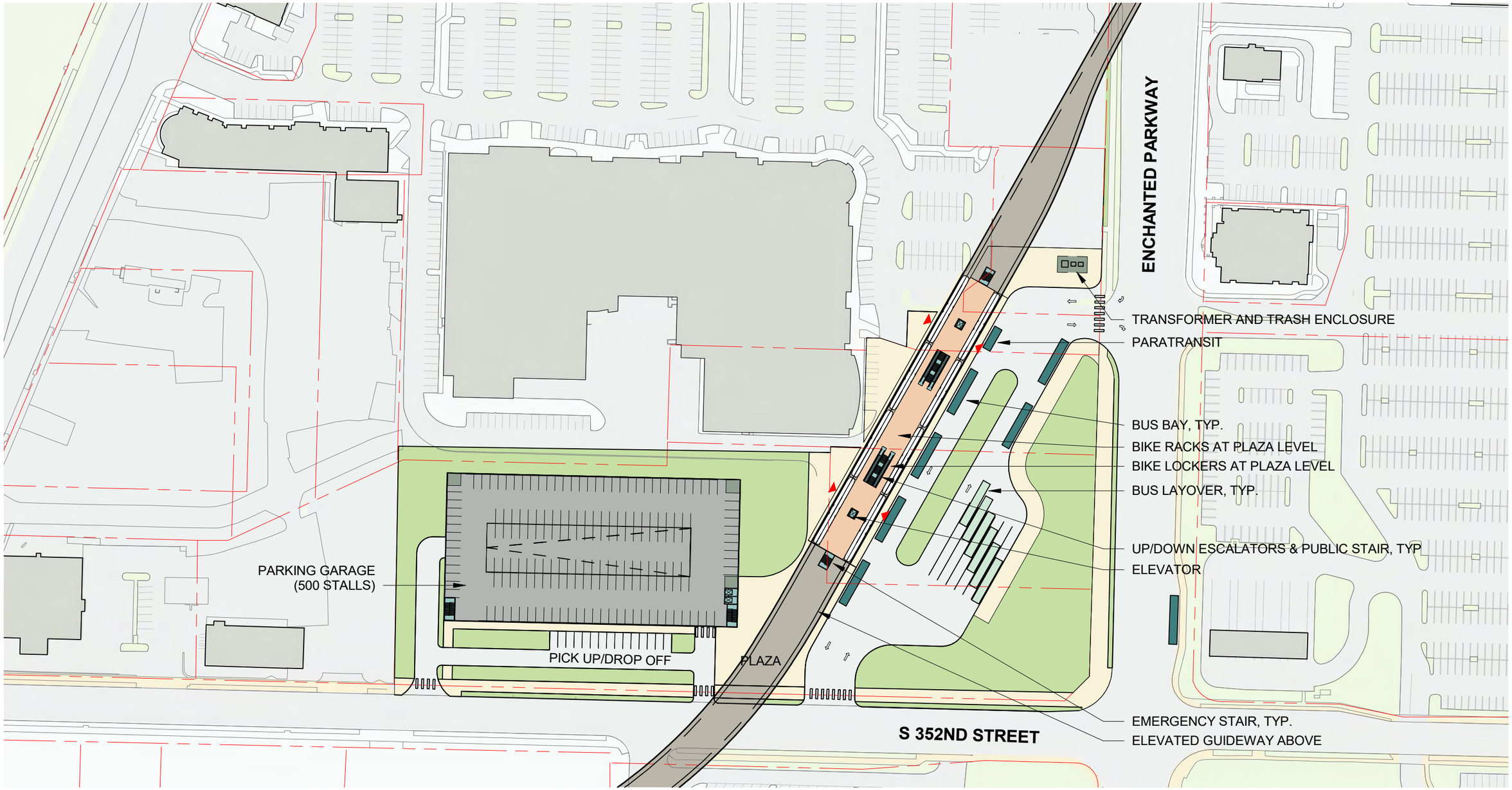

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'

N

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF 99 - ENCHANTED STATION
SITE PLAN

KA00-ASP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

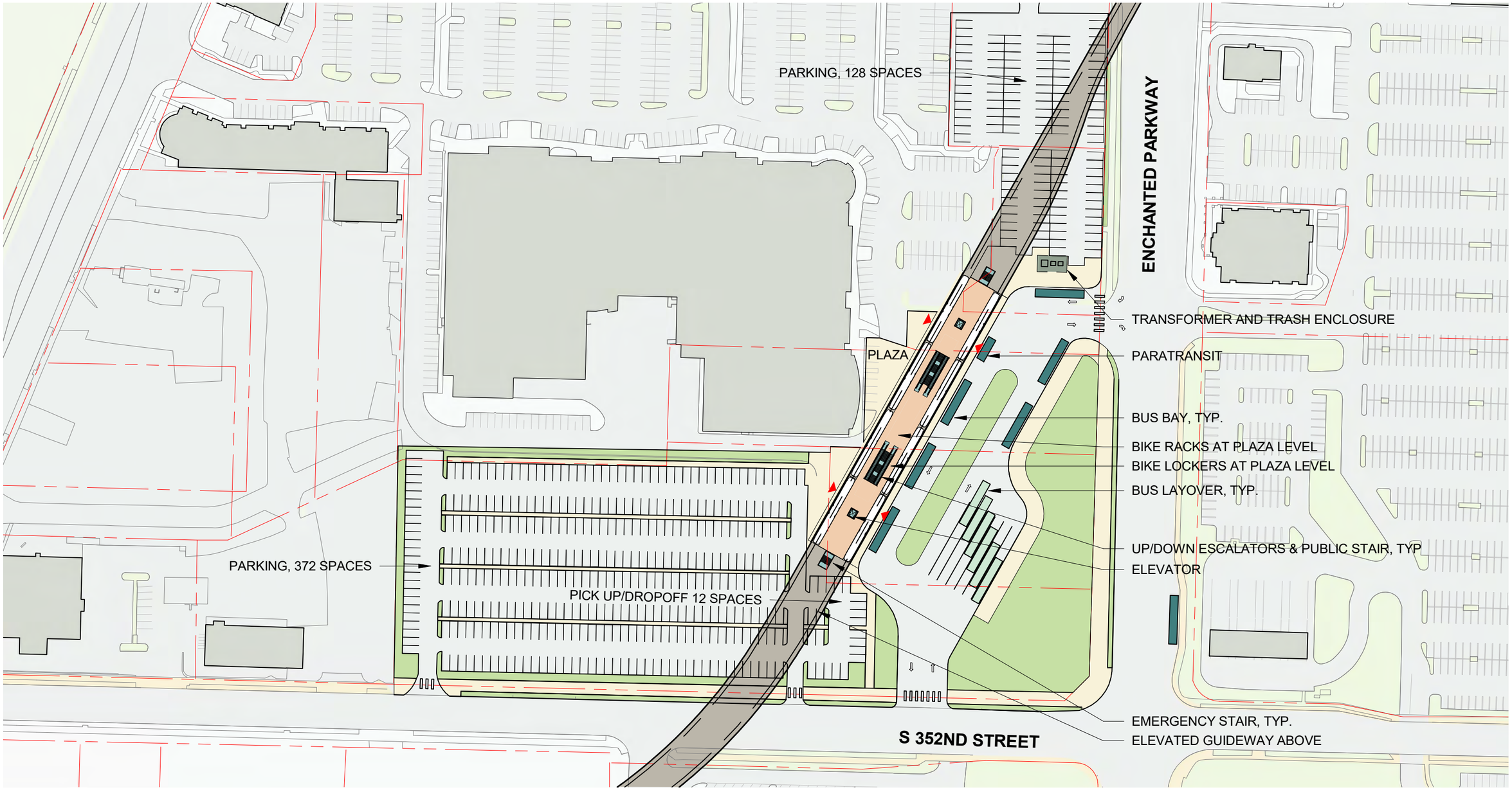

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'
N

SOUNDTRANSIT
schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF ENCHANTED PARKWAY STATION
SITE PLAN - SURFACE PARKING OPTION

KA00-ASP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

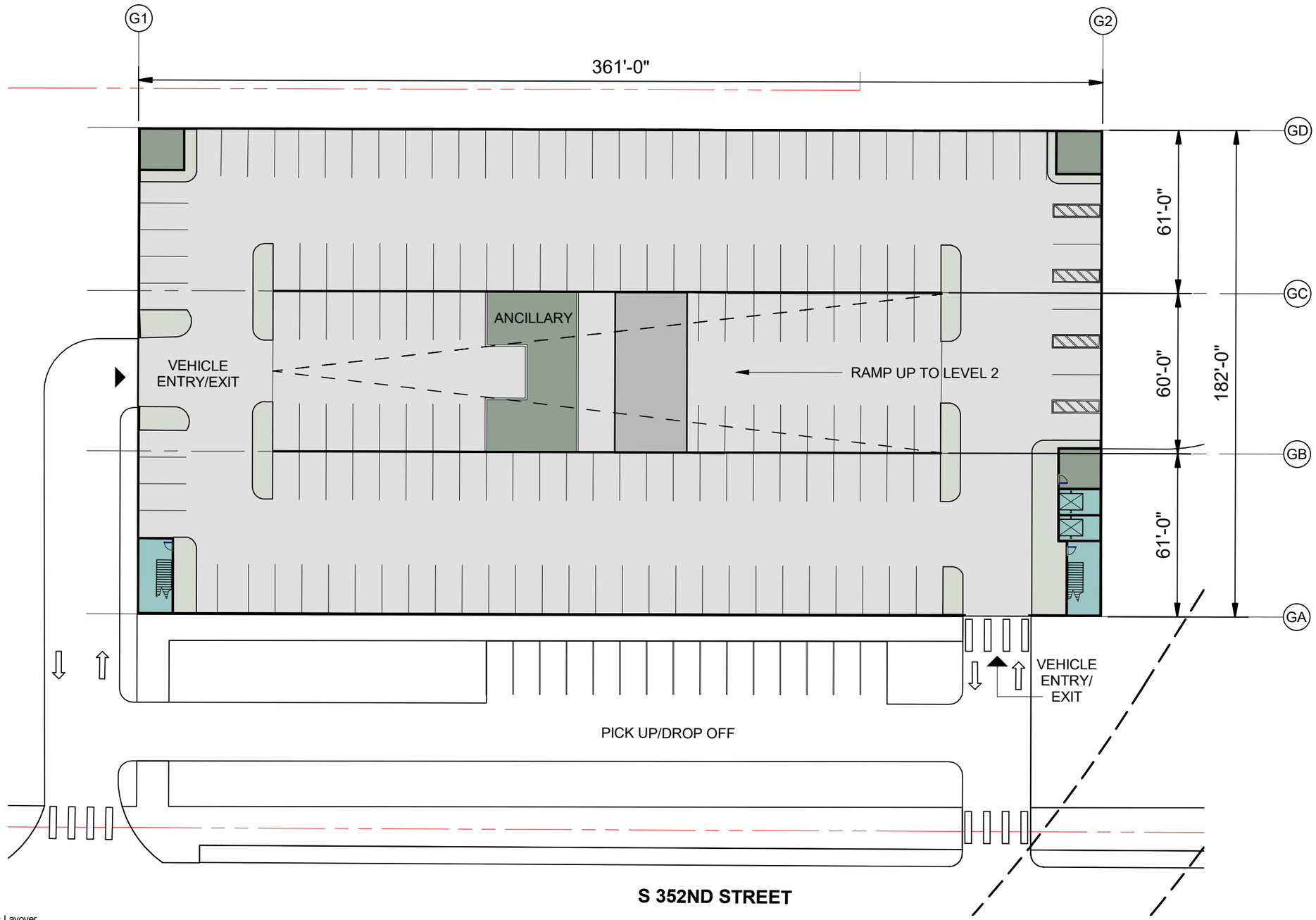

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

N

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF 99 - ENCHANTED STATION
TYPICAL GARAGE PLAN

KA00-APP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

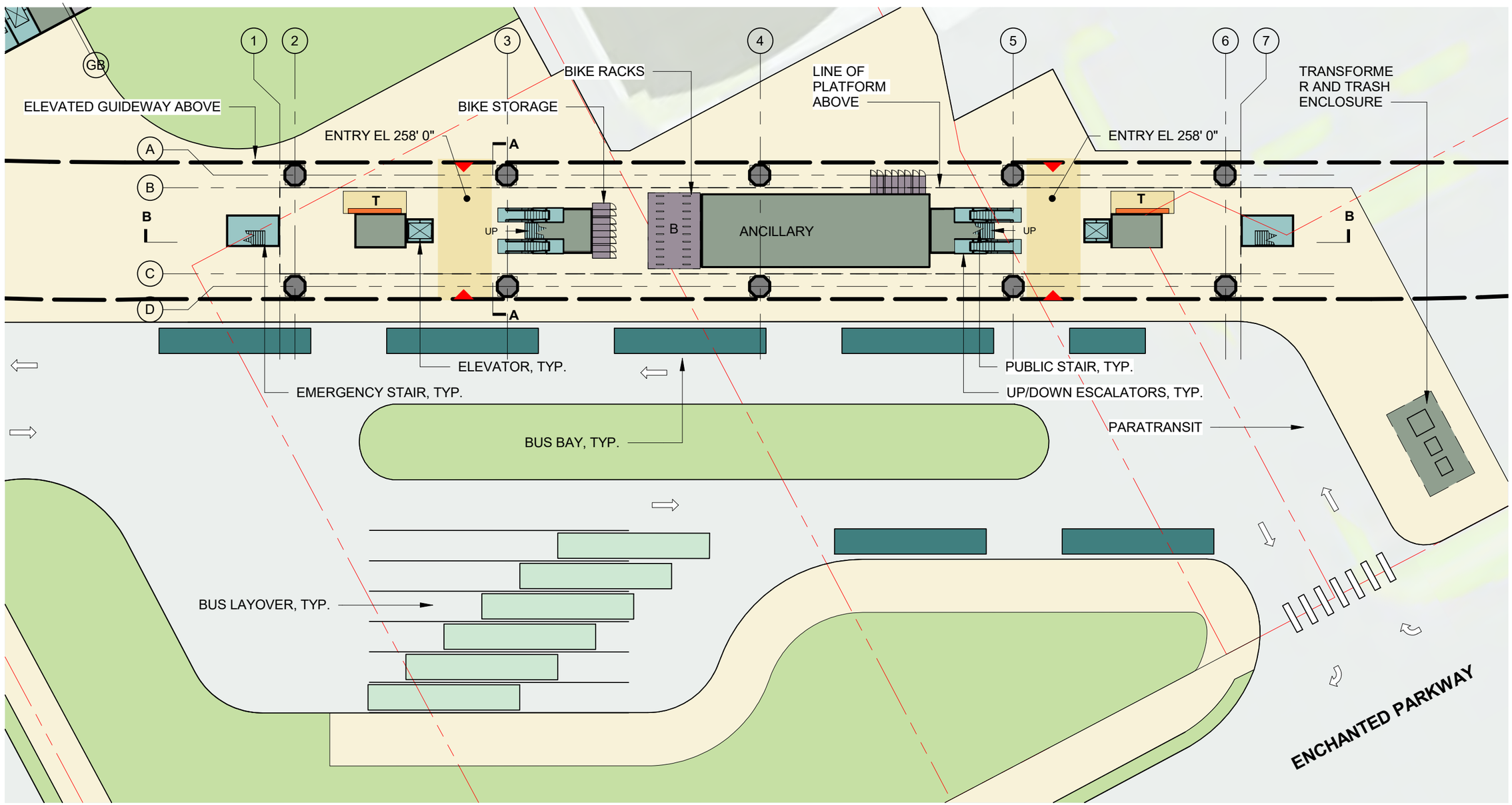

Note:Additional columns may be necessary to support mezzanine structure

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF ENCHANTED PARKWAY STATION
PLAZA LEVEL PLAN

KA00-APP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

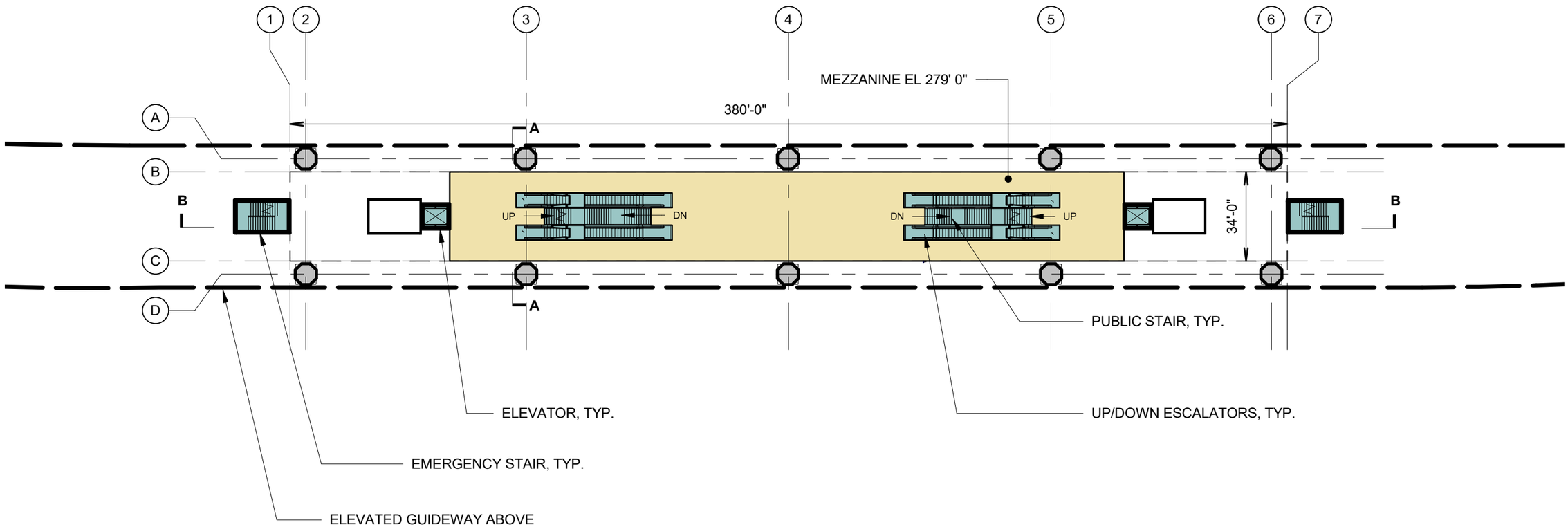

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF 99 - ENCHANTED STATION
MEZZANINE LEVEL PLAN

KA00-APP103

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

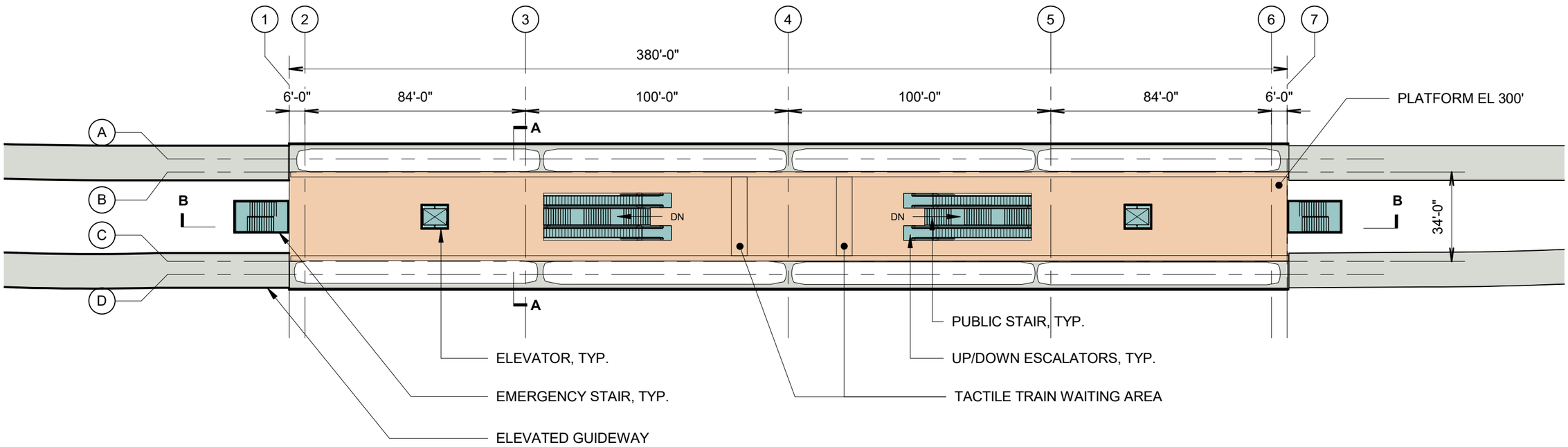

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF 99 - ENCHANTED STATION
PLATFORM LEVEL PLAN

KA00-APP104

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

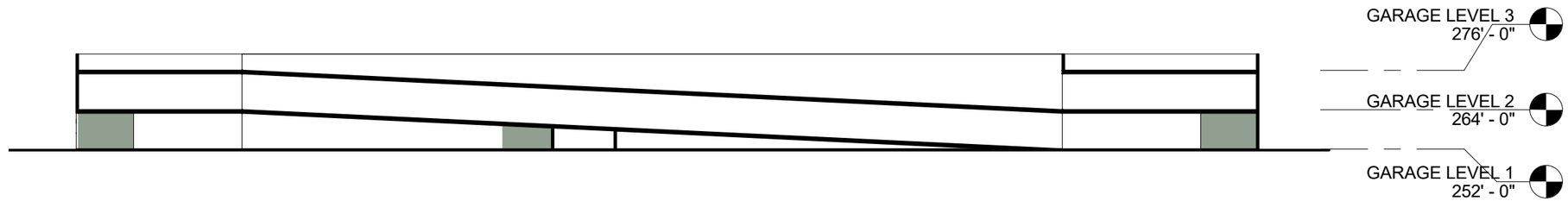

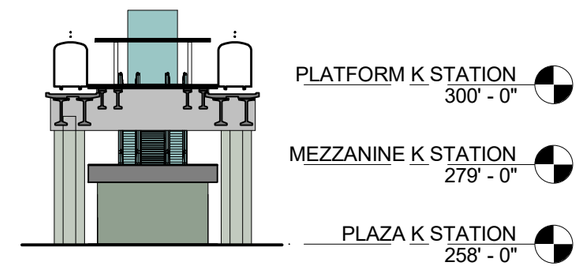

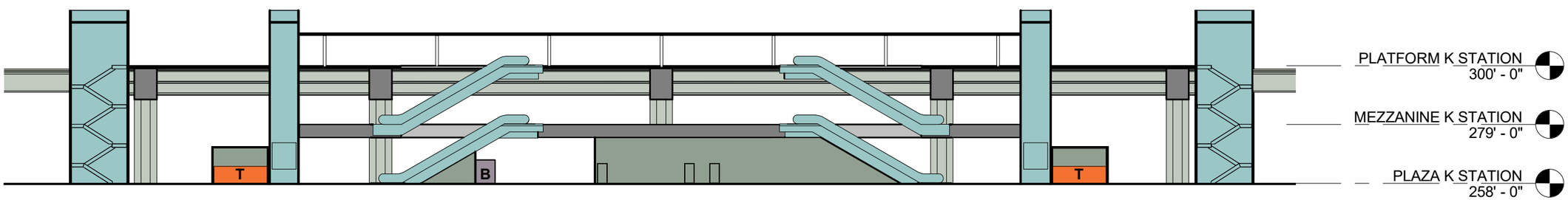

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20' 40'

SOUNDTRANSIT

schemata workshop

DRAFT EIS - CONCEPTUAL DESIGN

KA SF 99 - WEST ALTERNATIVE
SF 99 - ENCHANTED STATION
SECTIONS

KA00-ASX101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

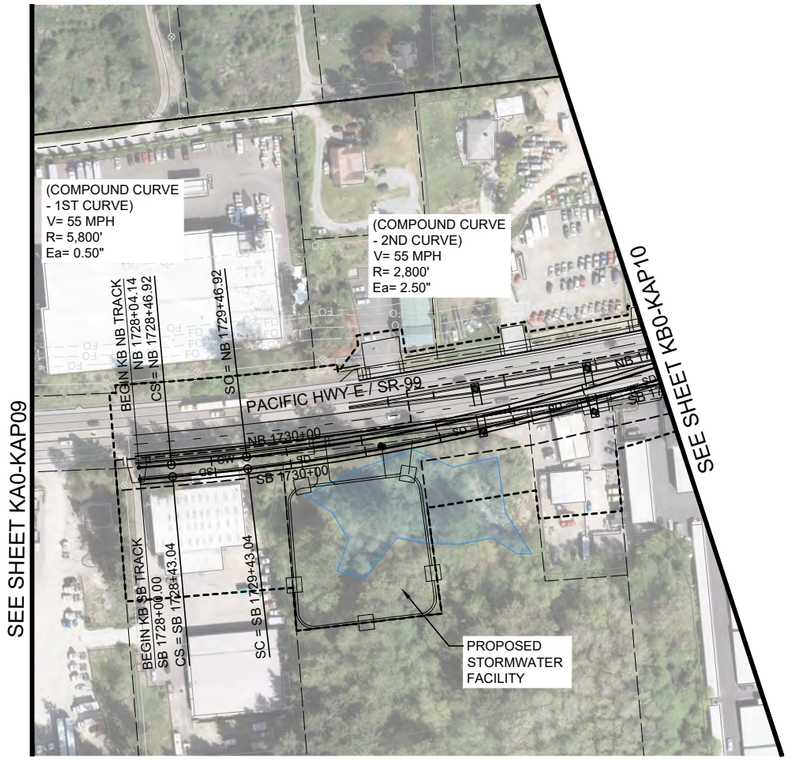

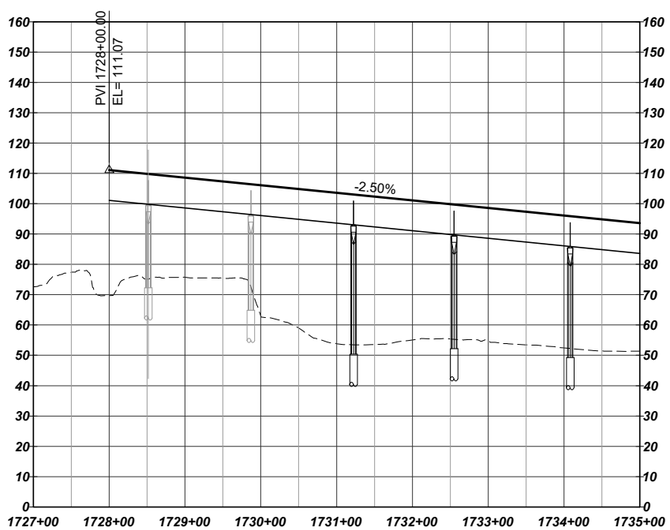

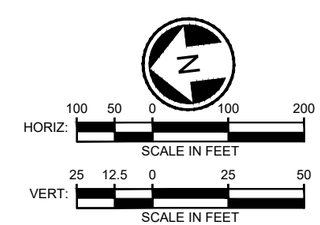

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT

HDR

SF 99 - WEST PORTER WAY DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1728+00 TO STA 1735+00

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

KB0-KAP09

7/1/2024 3:14:02 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

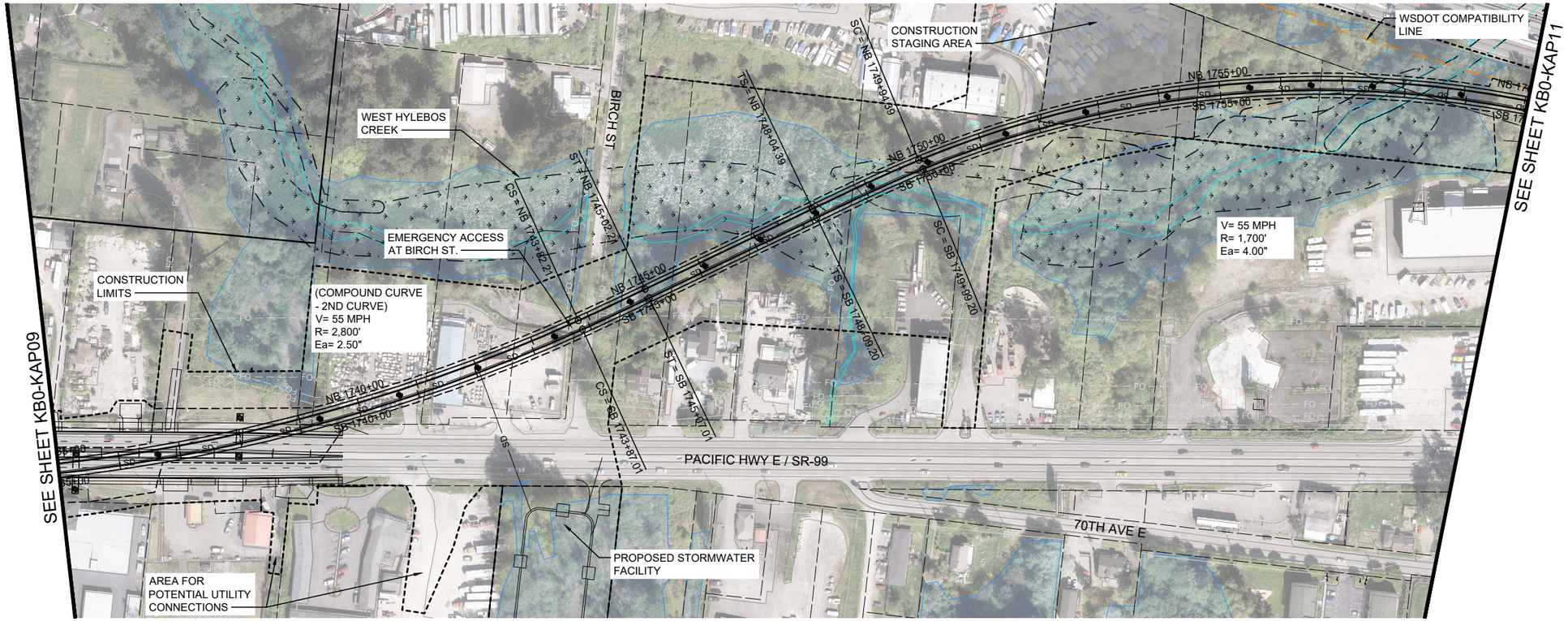

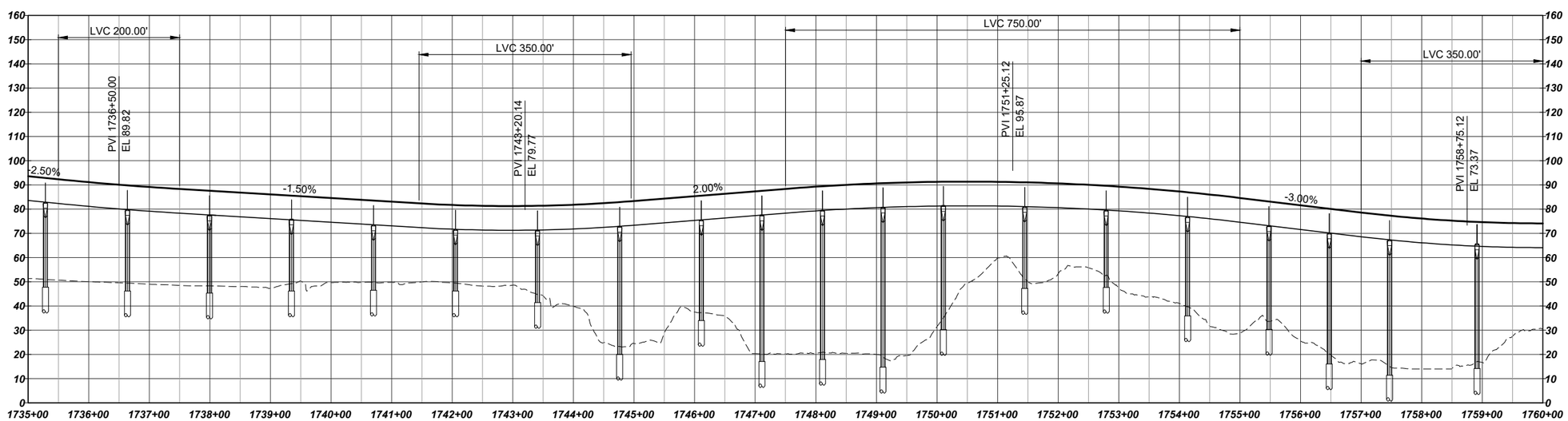

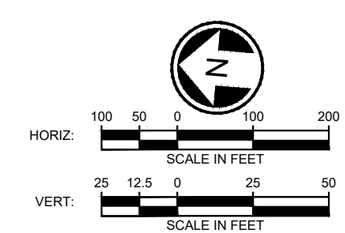

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SF 99 - WEST PORTER WAY DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1735+00 TO STA 1760+00

KB0-KAP10

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

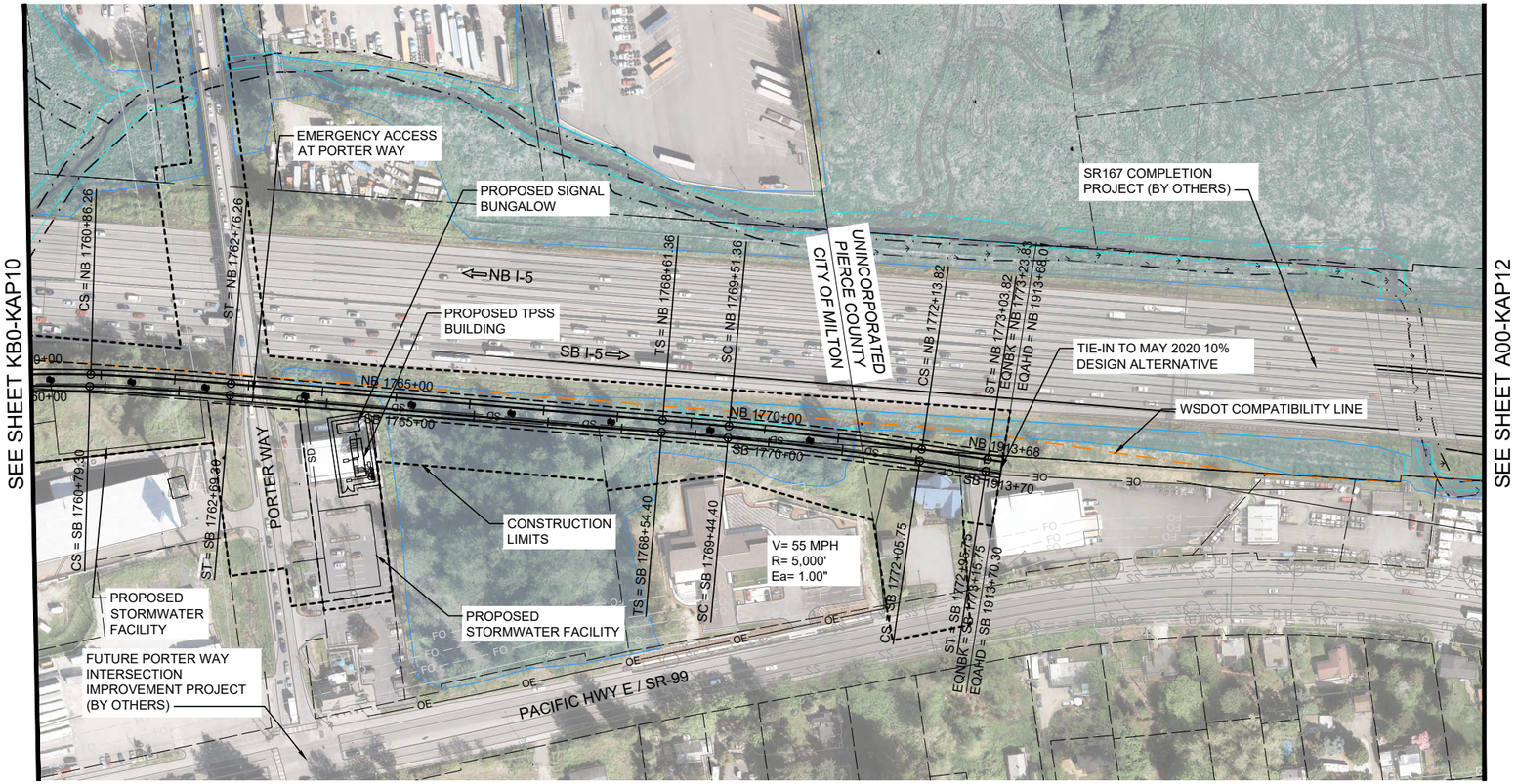

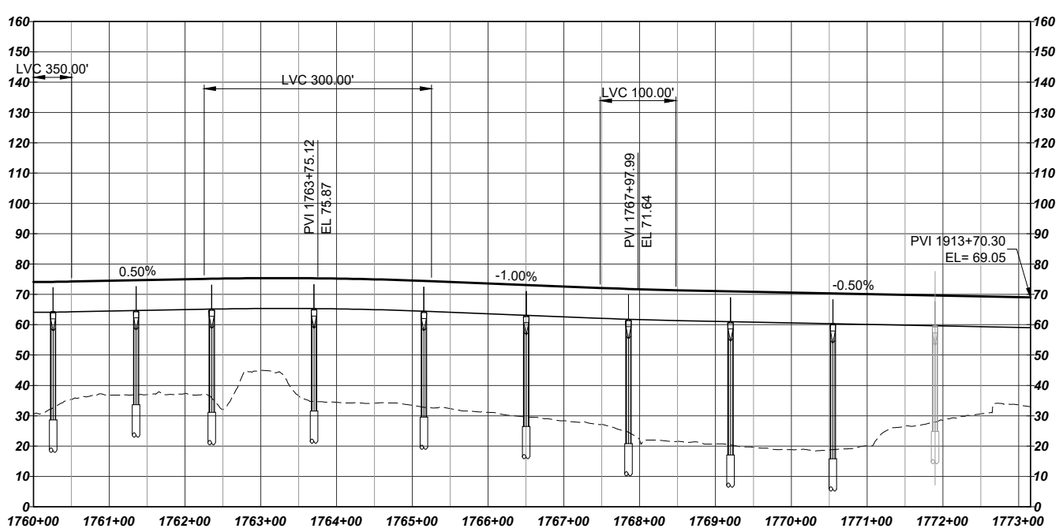

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

SF 99 - WEST PORTER WAY DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1760+00 TO STA 1913+70

NOTES:
1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

KB0-KAP11

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

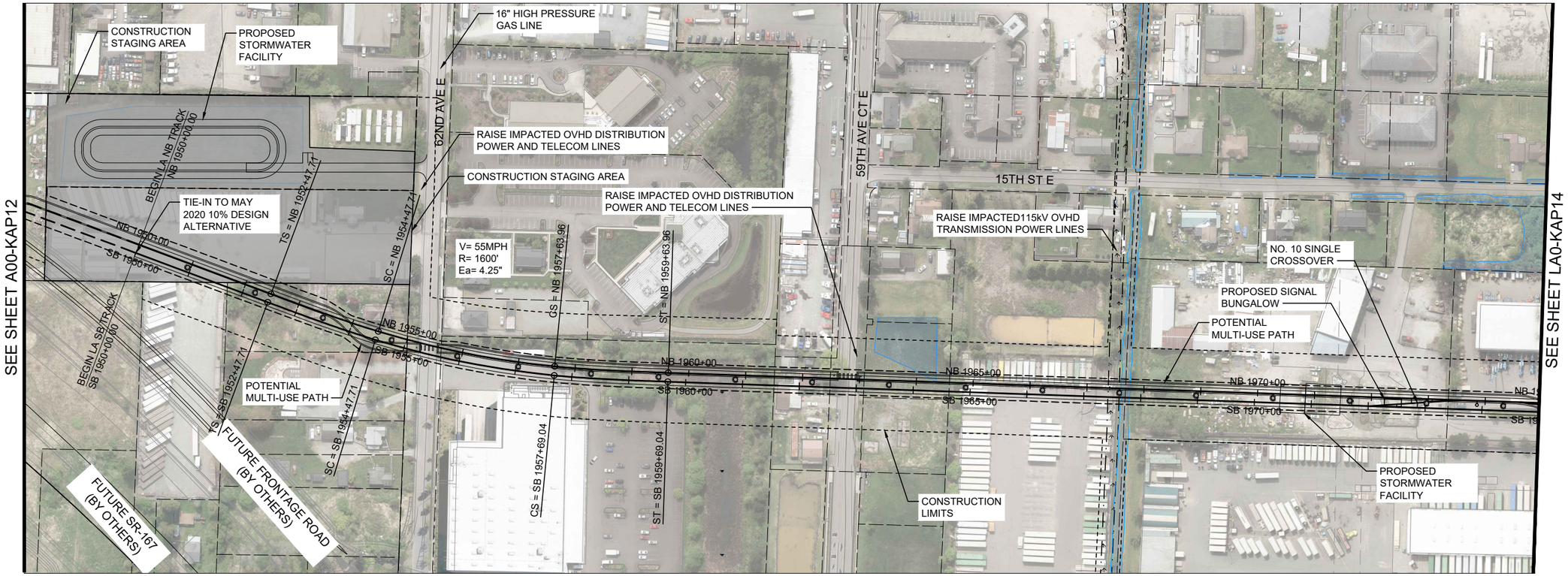

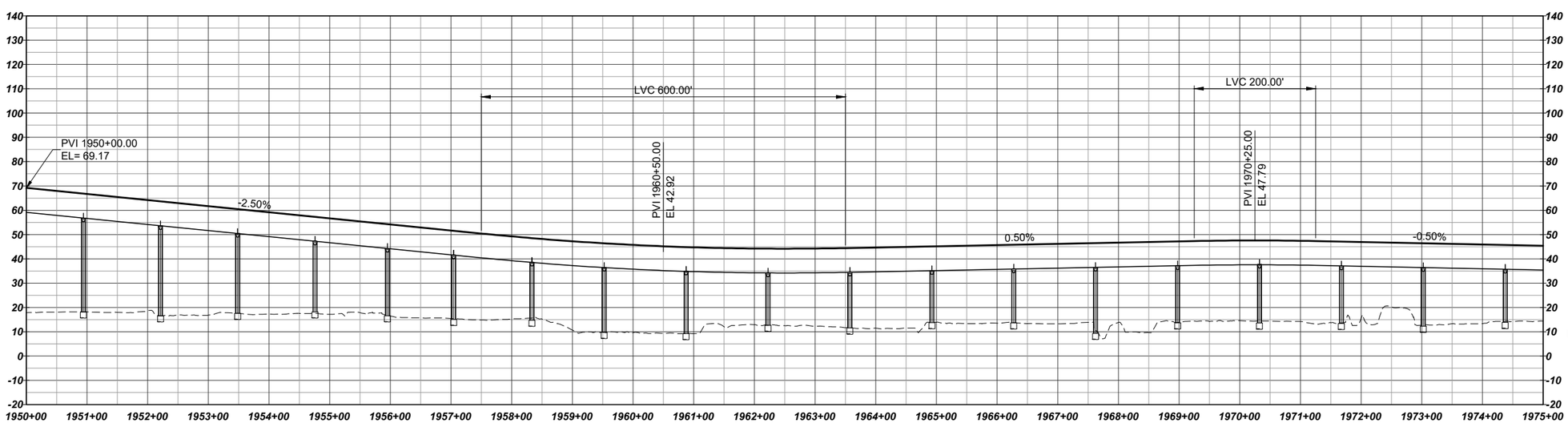

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).

2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT HDR

FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1950+00 TO STA 1975+00

LA0-KAP13

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

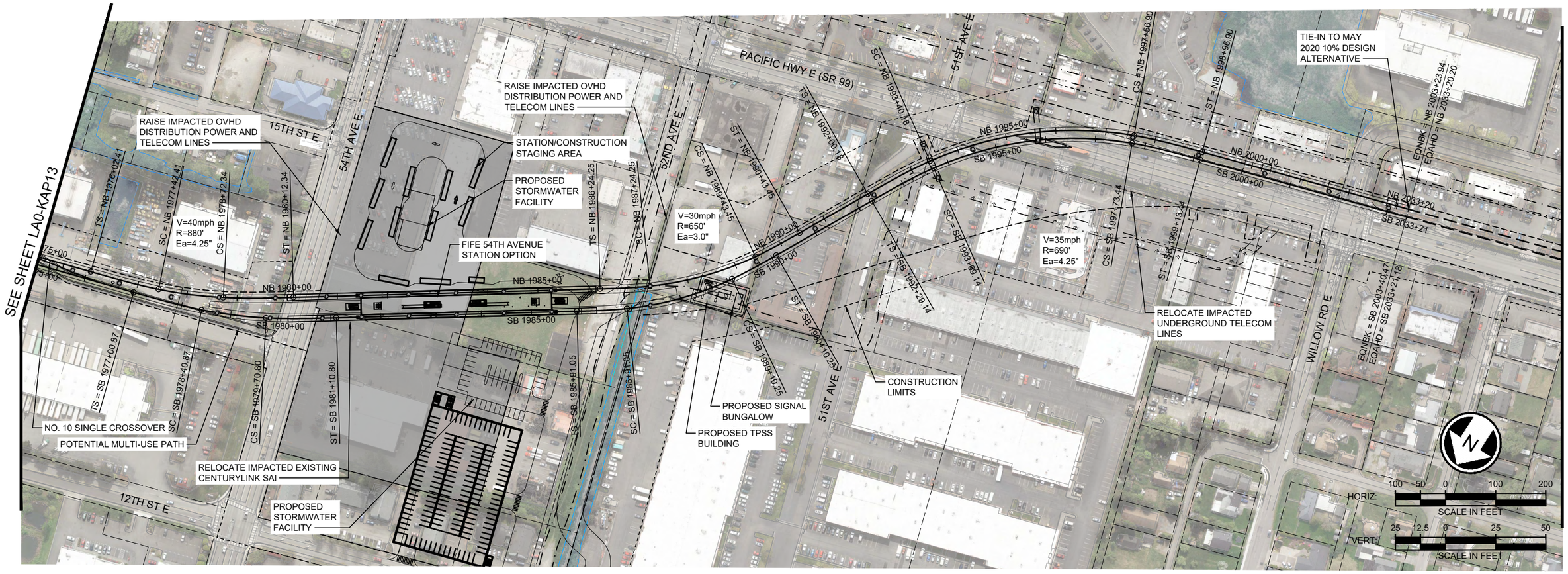

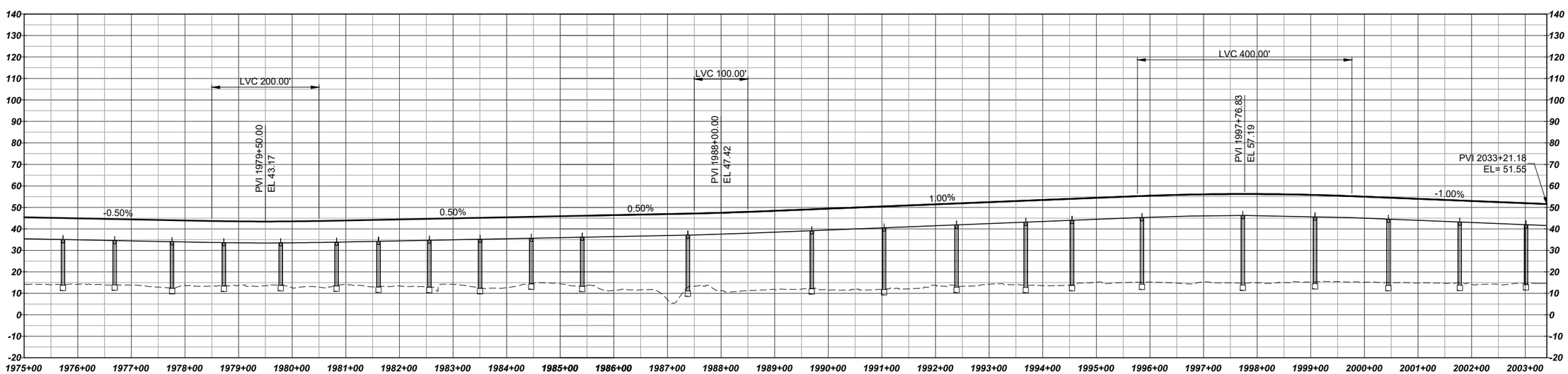

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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FIFE PACIFIC HIGHWAY - 54TH AVENUE DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1975+00 TO STA 2033+21

LA0-KAP14

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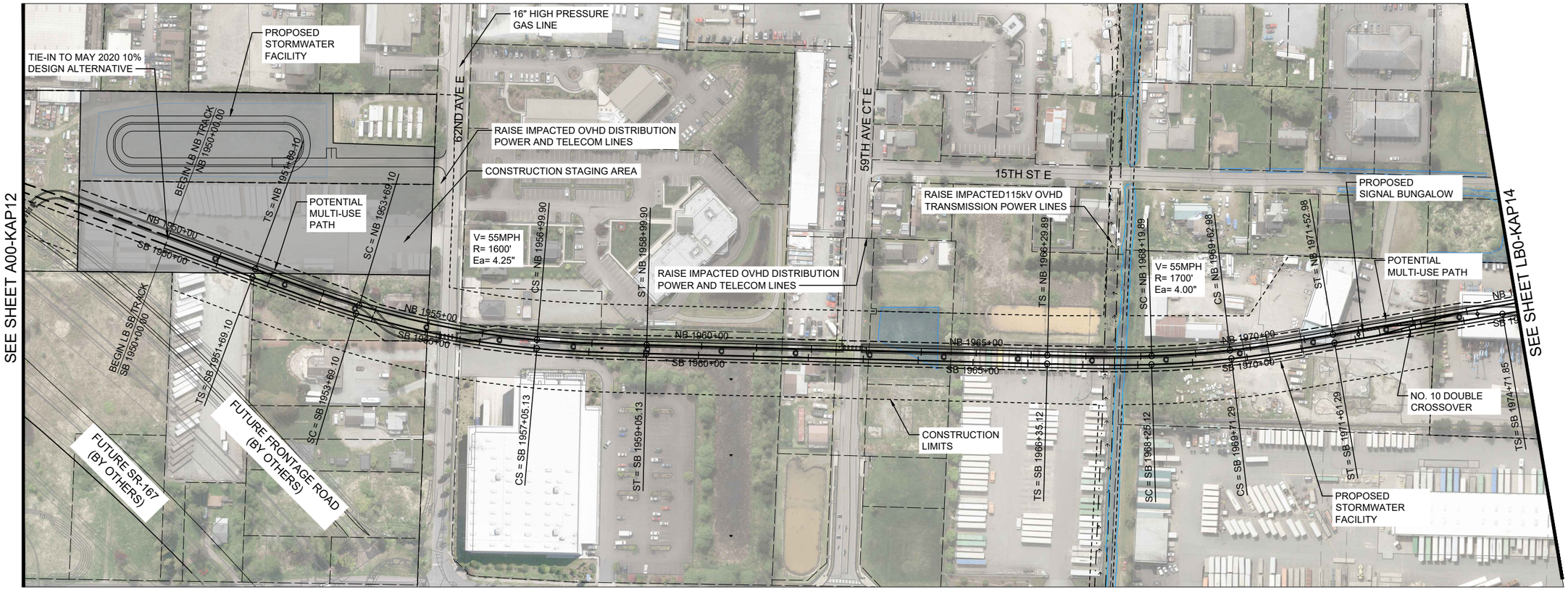

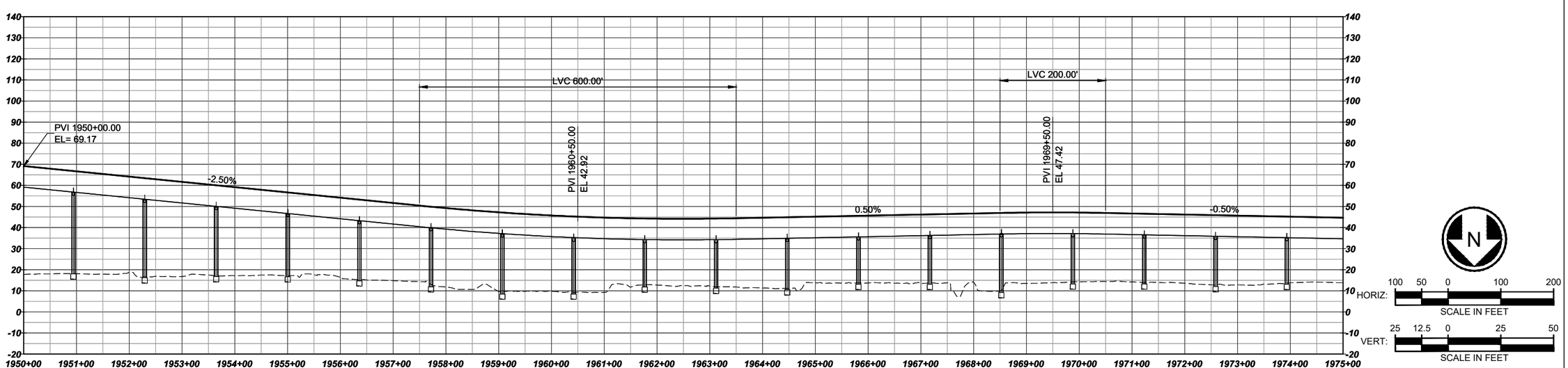

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1950+00 TO STA 1975+00

LB0-KAP13

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

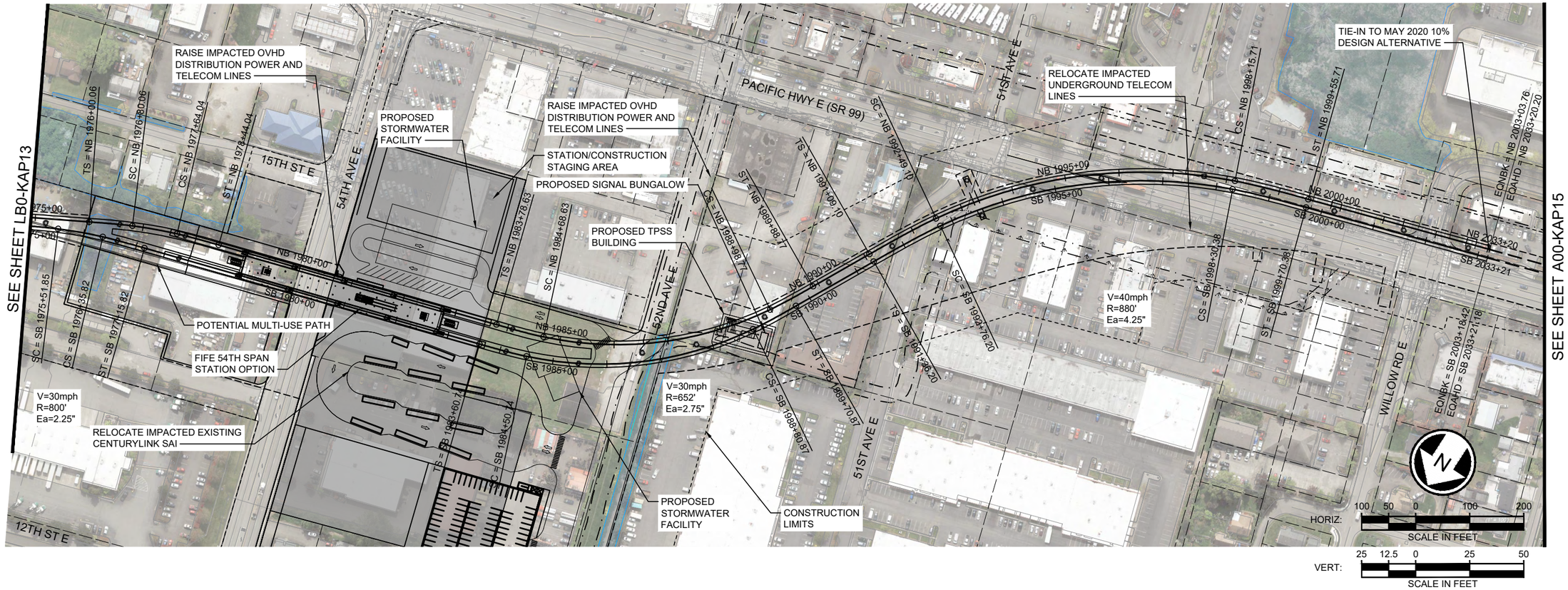

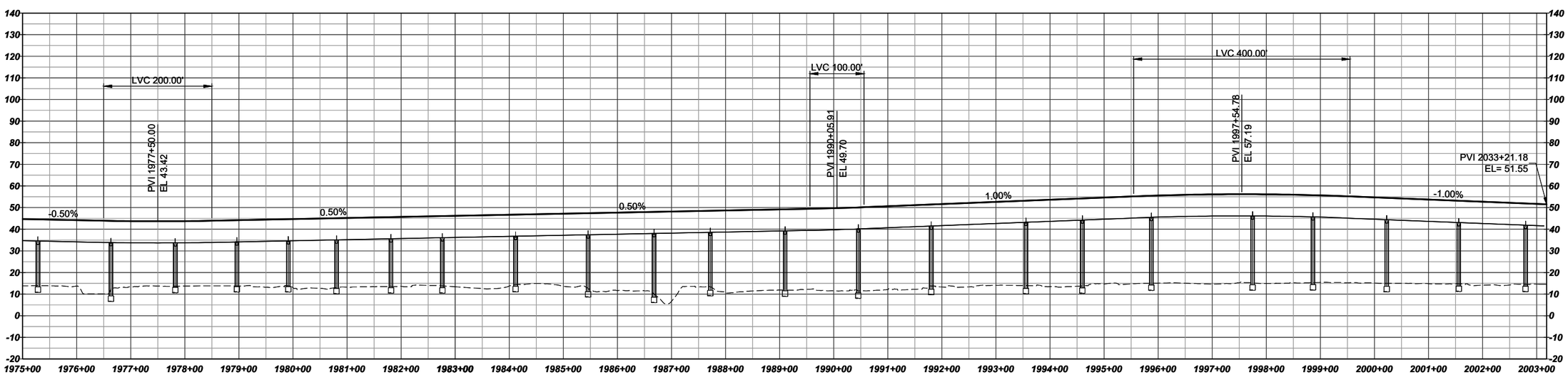

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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FIFE PACIFIC HIGHWAY - 54TH SPAN DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1975+00 TO STA 2033+00

LB0-KAP14

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

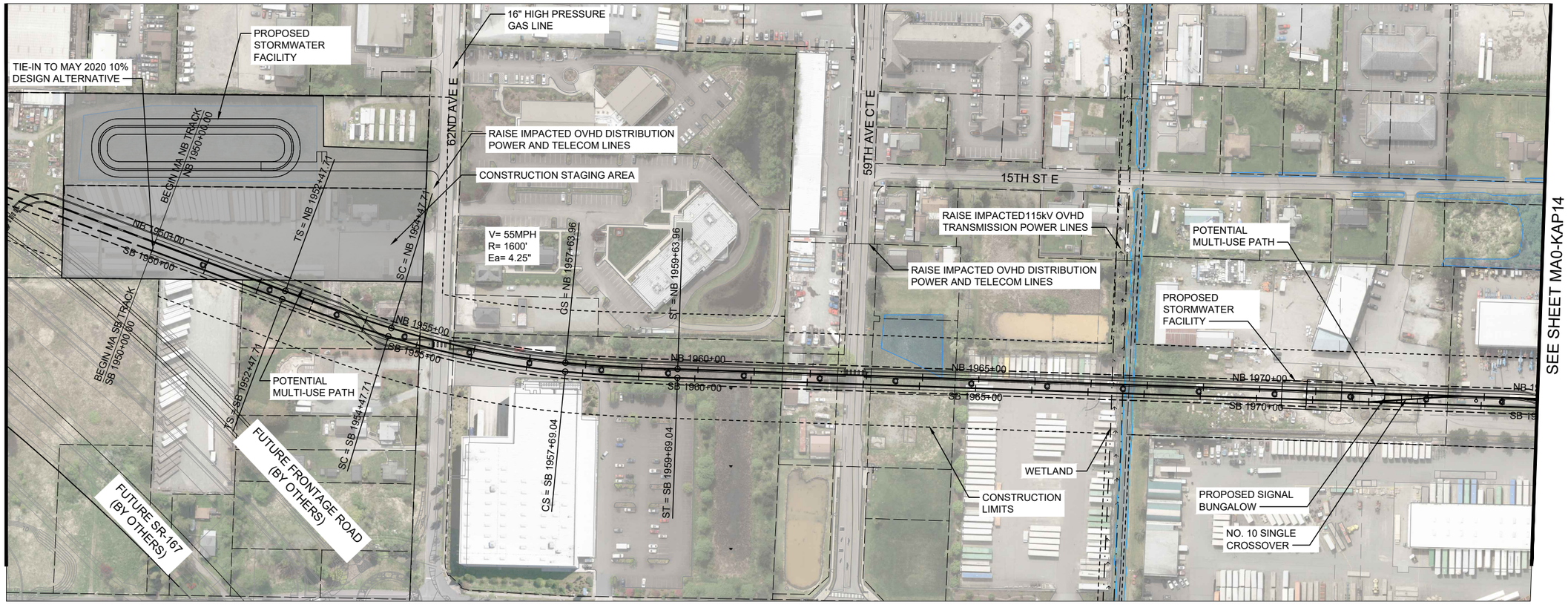

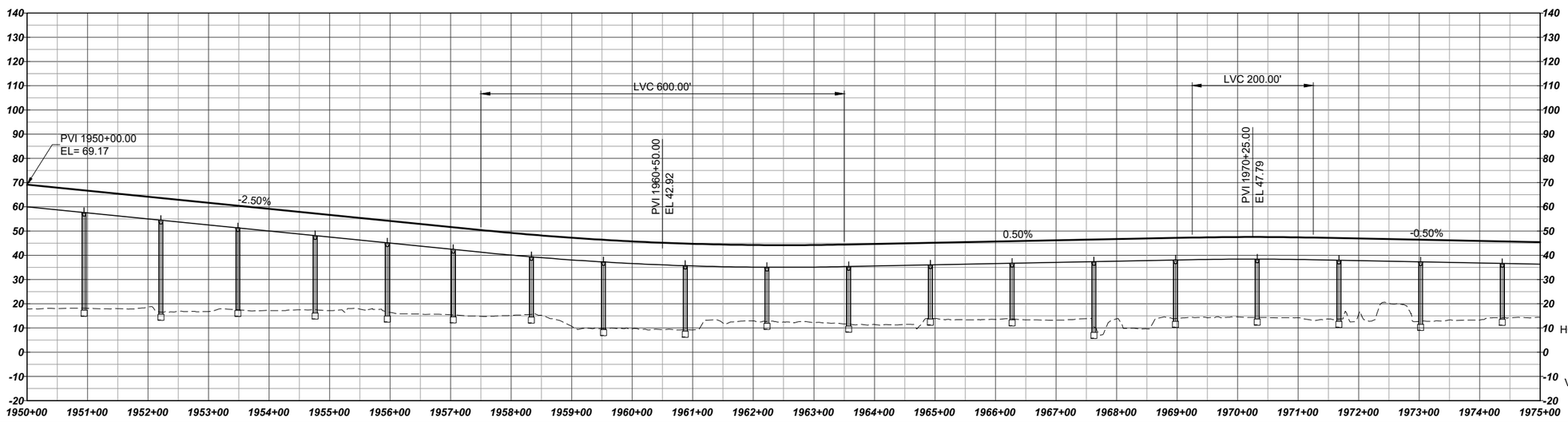

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HORIZ: 100 50 0 100 200
SCALE IN FEET

VERT: 25 12.5 0 25 50
SCALE IN FEET

SOUNDTRANSIT

HDR

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
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FIFE MEDIAN - 54TH AVENUE DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1950+00 TO STA 1975+00

MA0-KAP13

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

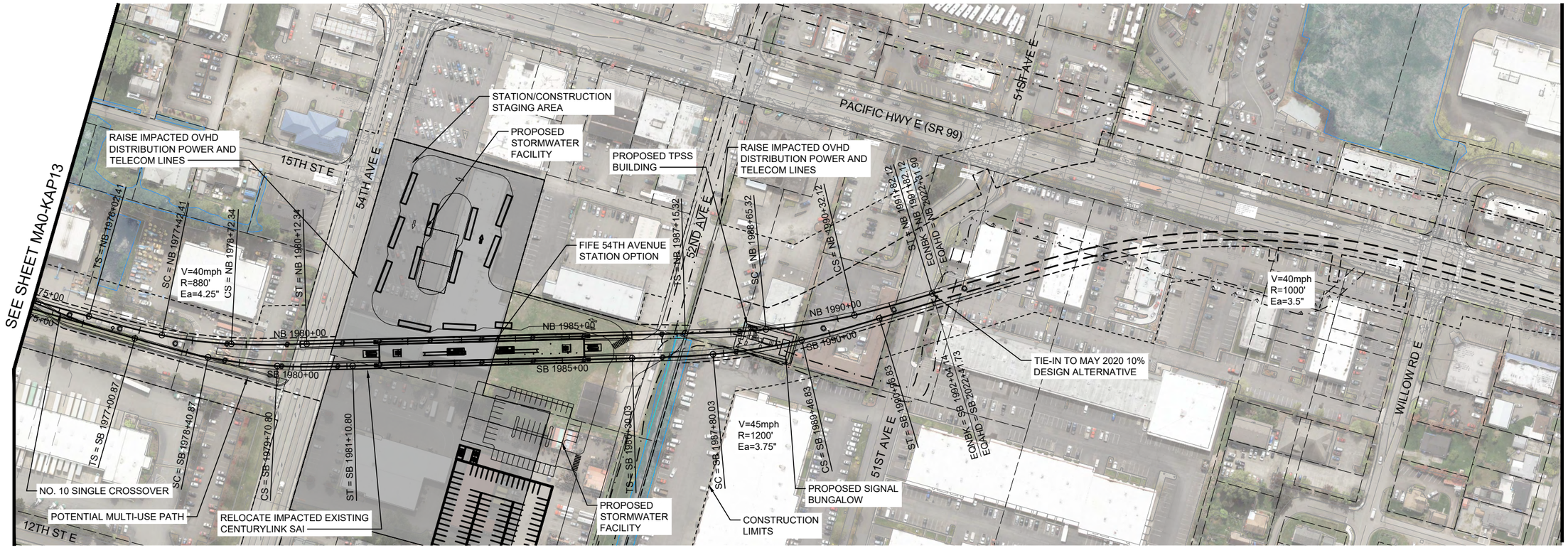

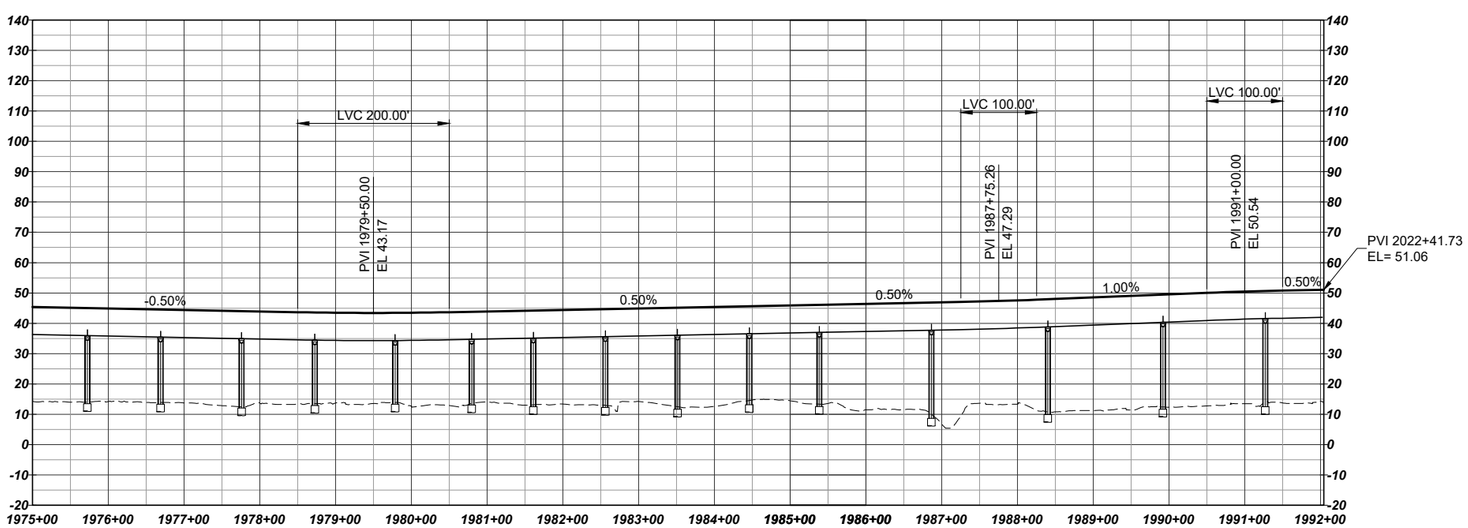

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
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- BASIS OF DESIGN WETLAND (SEE NOTE 1)
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- SURVEYED WETLAND (SEE NOTE 2)

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FIFE MEDIAN - 54TH AVENUE DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1975+00 TO STA 2033+21

MA0-KAP14

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

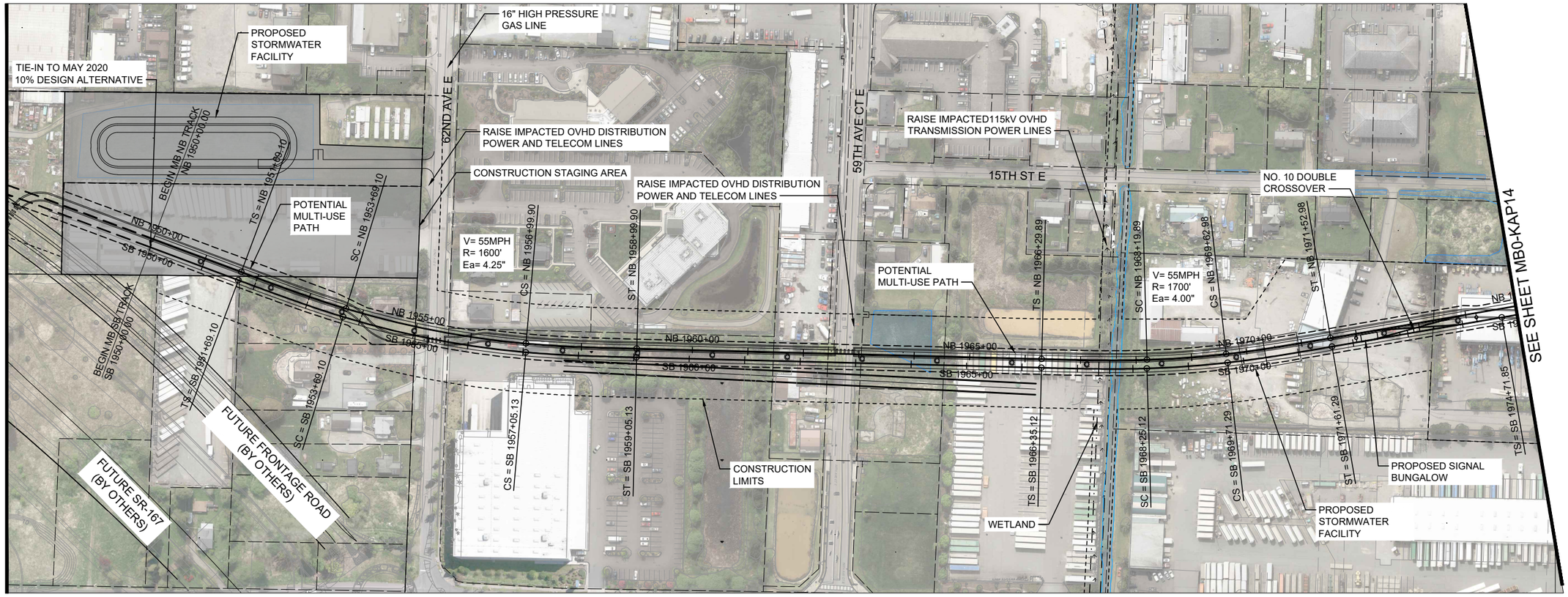

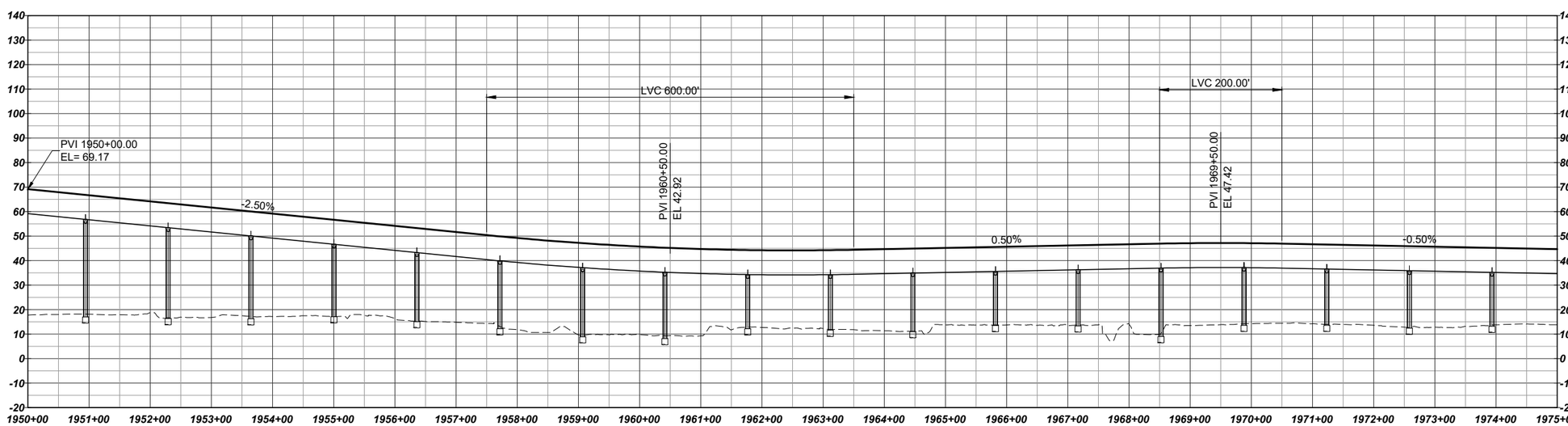

N

HORIZ: 100 50 0 100 200
SCALE IN FEET

VERT: 25 12.5 0 25 50
SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
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1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUNDTRANSIT

HDR

FIFE MEDIAN - 54TH SPAN DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1950+00 TO STA 1975+00

MB0-KAP13

7/1/2024 3:40:53 PM MLARSON
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SOUND TRANSIT TACOMA DOME LINK EXTENSION

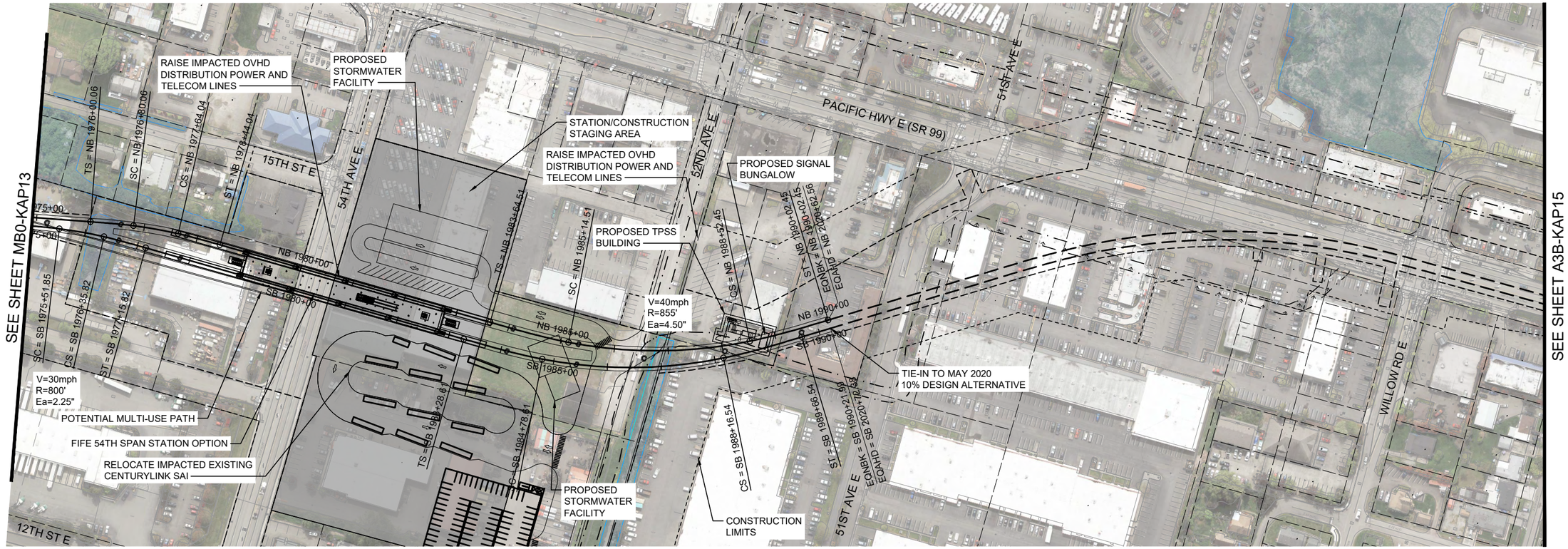

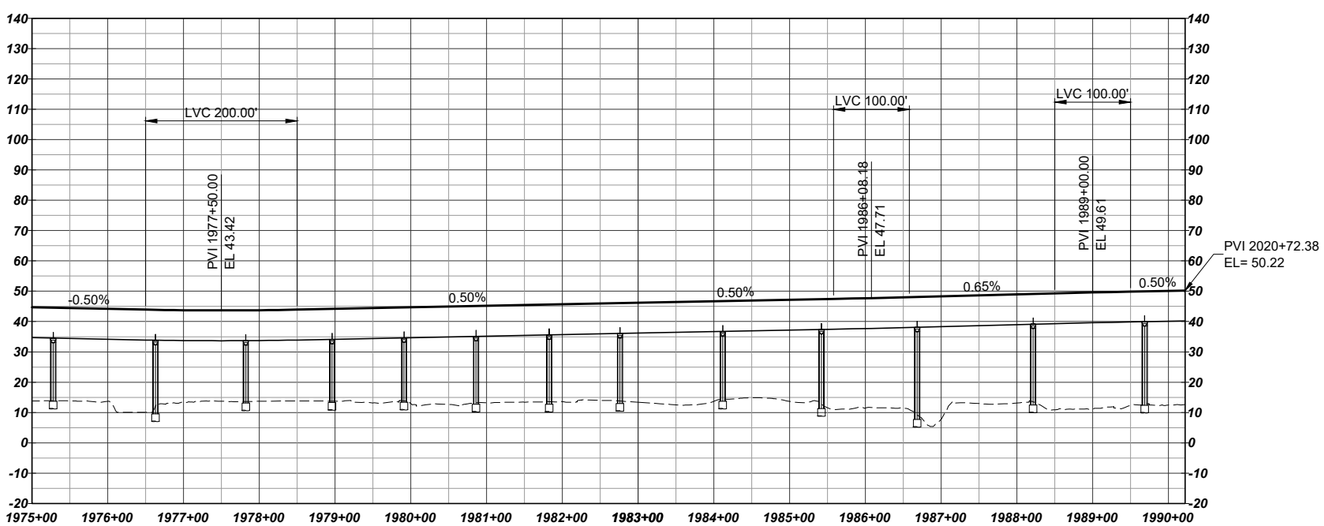

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

FIFE MEDIAN - 54TH SPAN DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1975+00 TO STA 1990+00

MB0-KAP14

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

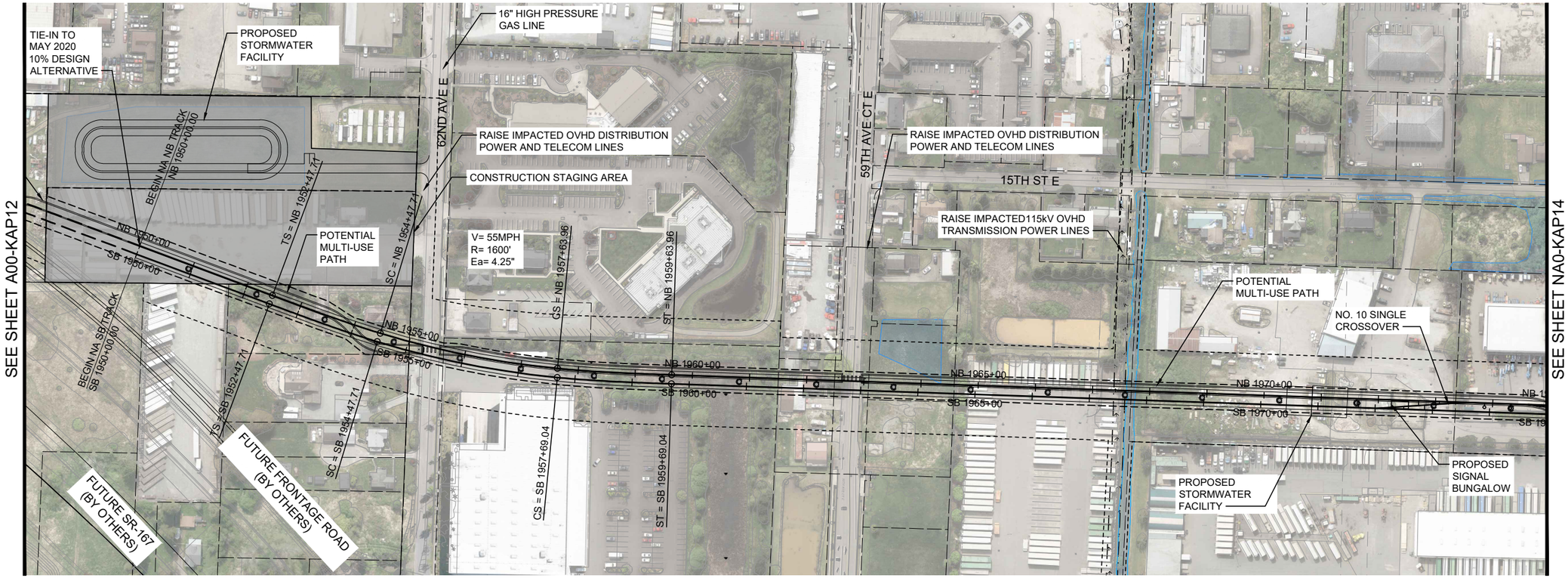

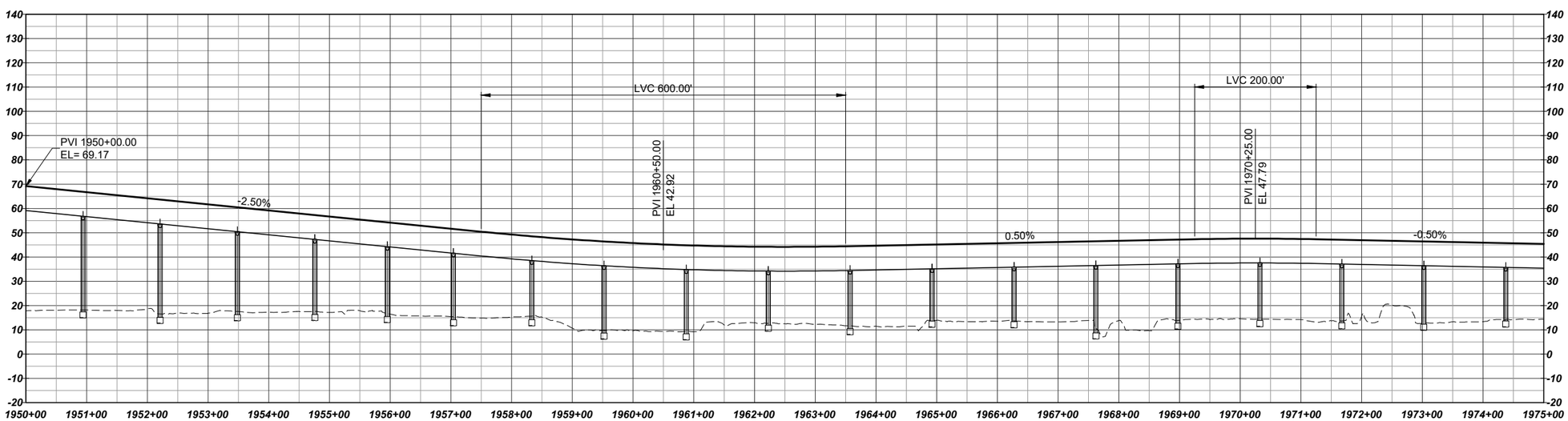

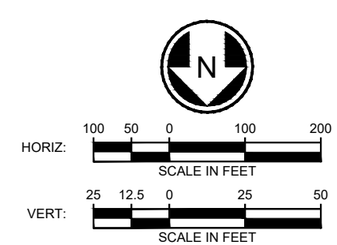

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
2) THE SURVEYED AND ESTIMATED STREAM AND WETLAND DATA COLLECTED BY THE PROJECT TEAM WAS USED TO CALCULATE THE DRAFT EIS IMPACTS.

SOUND TRANSIT

HDR

FIFE I-5 - 54TH AVENUE DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1950+00 TO STA 1975+00

NA0-KAP13

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

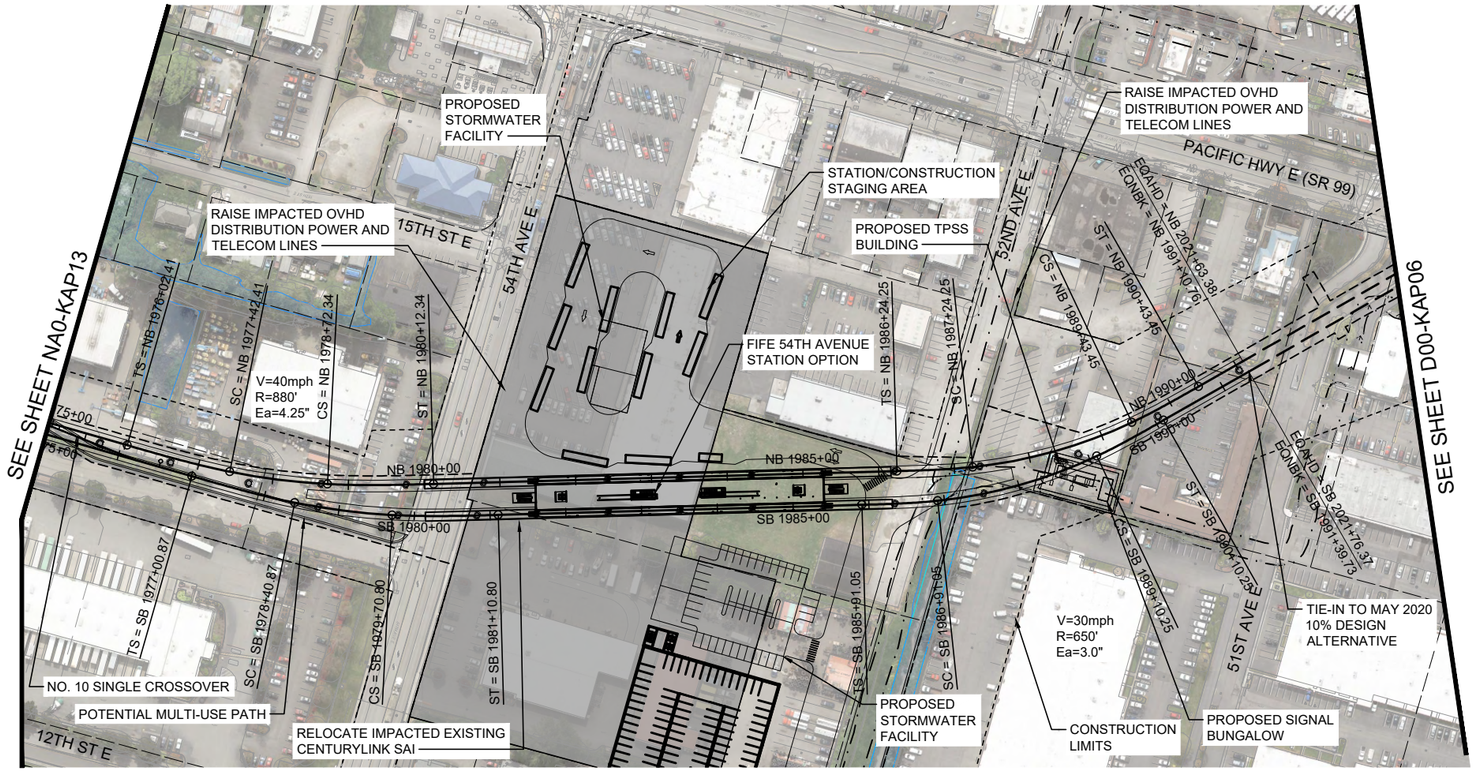

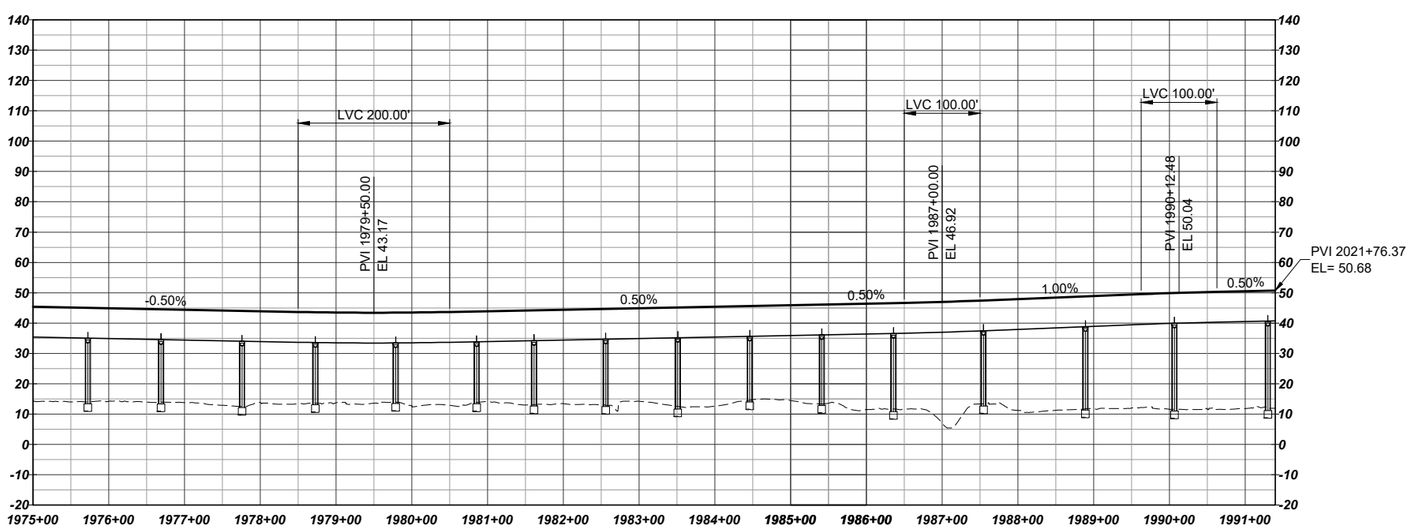

HORIZ: 100 50 0 100 200 SCALE IN FEET

VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

SOUNDTRANSIT HDR

FIFE I-5 - 54TH AVENUE DESIGN OPTION TRACK PLAN AND PROFILE STA 1975+00 TO STA 2021+76

NOTES:

1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
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NA0-KAP14

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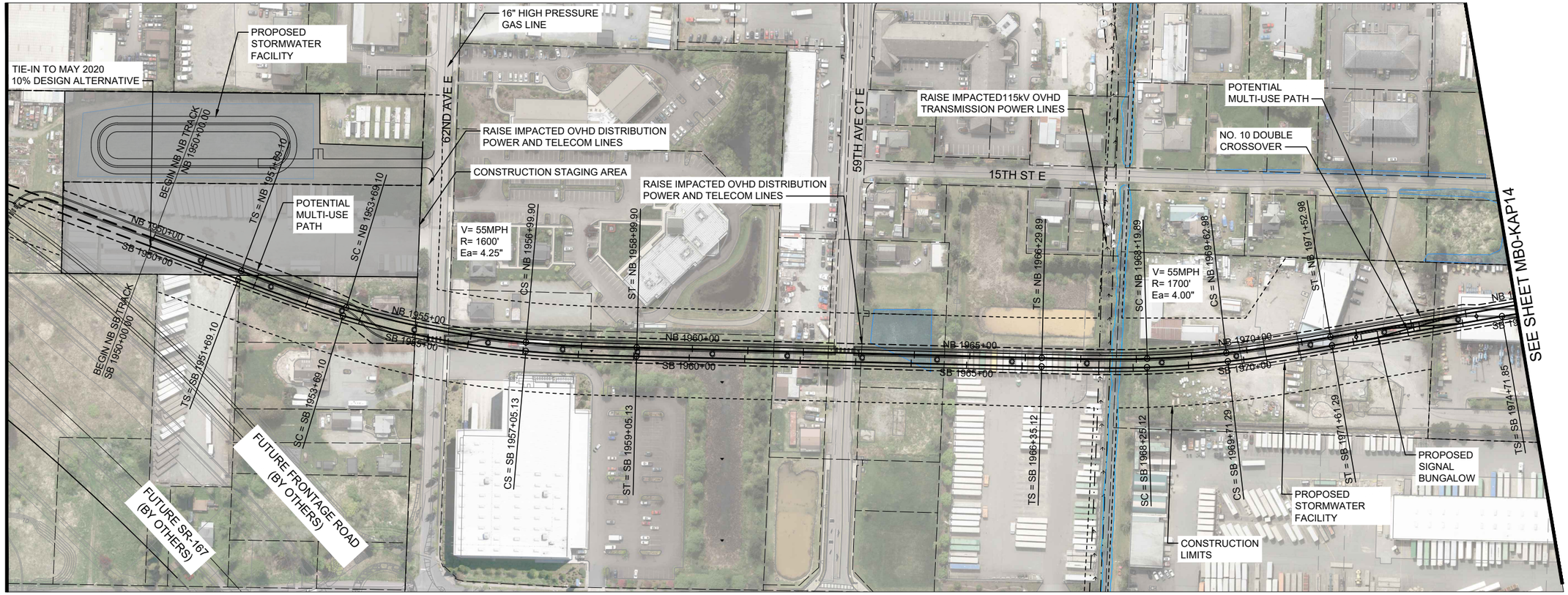

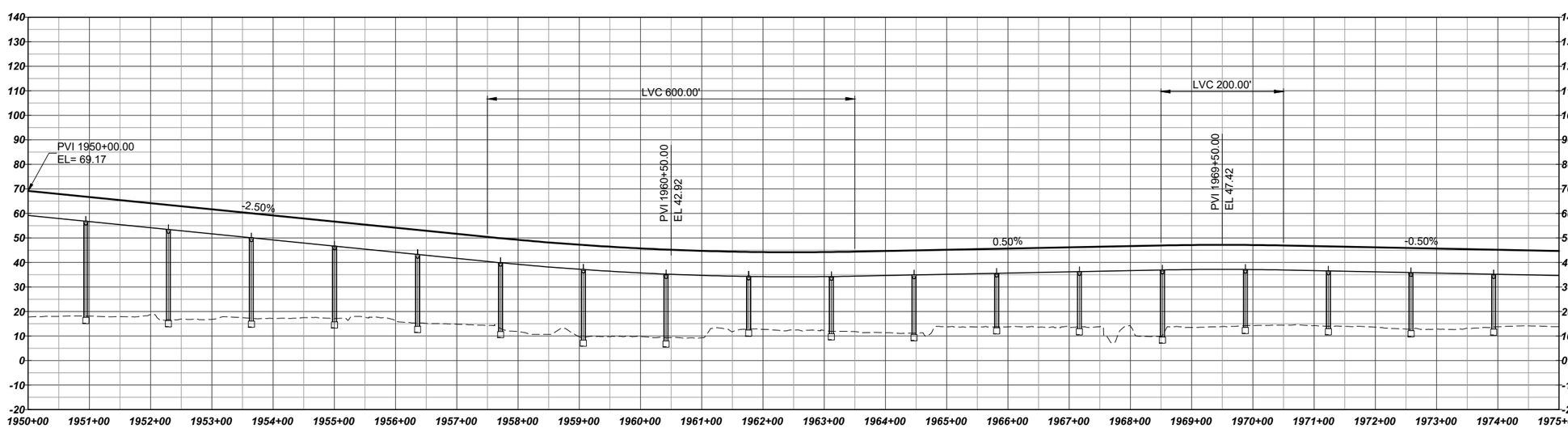

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HORIZ: 100 50 0 100 200
SCALE IN FEET

VERT: 25 12.5 0 25 50
SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

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1) THE BASIS OF DESIGN STREAM AND WETLAND LAYER (2019-GIS) WAS USED TO INFORM THE DEVELOPMENT OF THE MAY 2020 TDLE 10% CONCEPTUAL ENGINEERING PLANS AND THE AUGUST 2023 10% CONCEPTUAL ENGINEERING ADDENDUM 1 PLANS (WHERE LOCATED OUTSIDE OF THE 2020 STREAM/WETLAND SURVEY AREA).
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SOUNDTRANSIT

HDR

FIFE I-5 - 54TH SPAN DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1950+00 TO STA 1975+00

NB0-KAP13

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

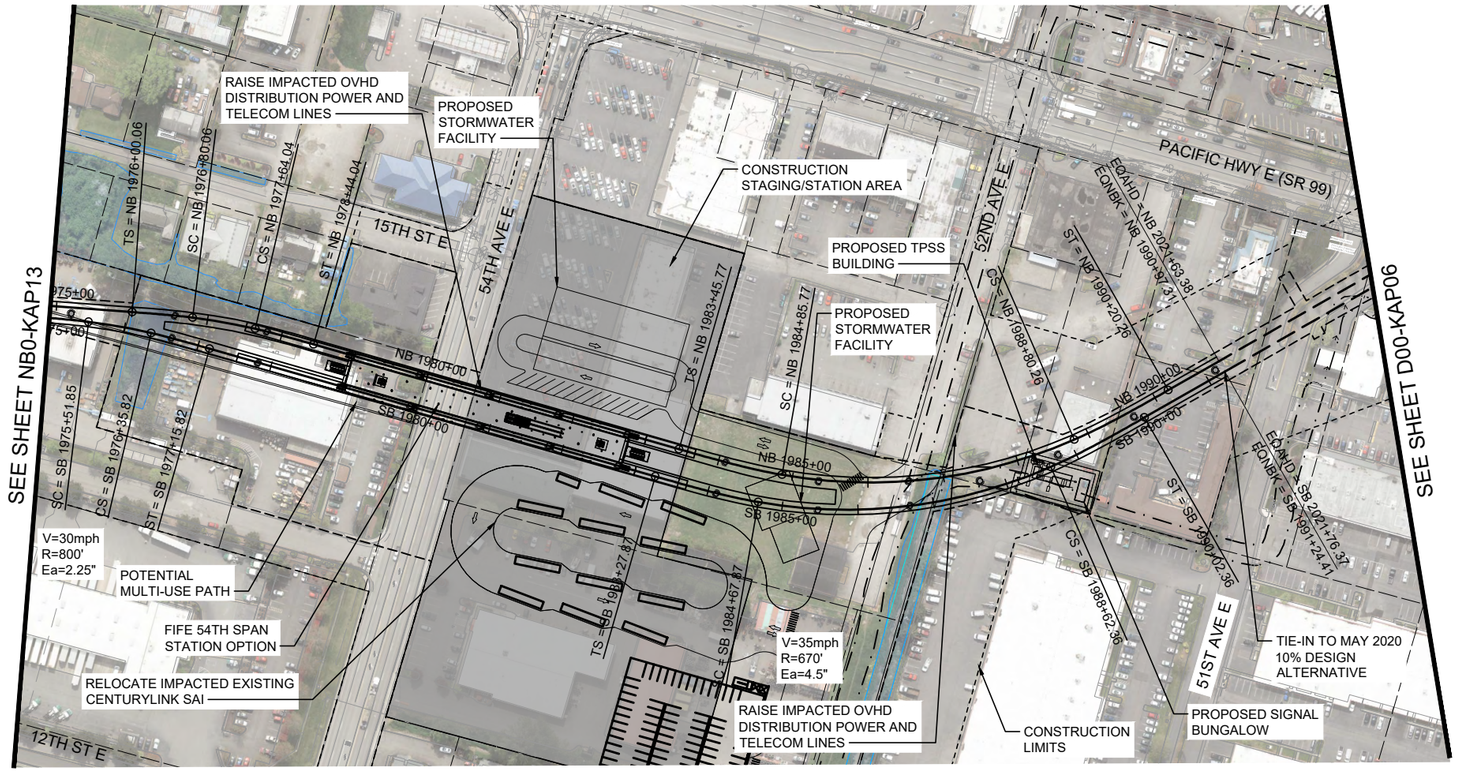

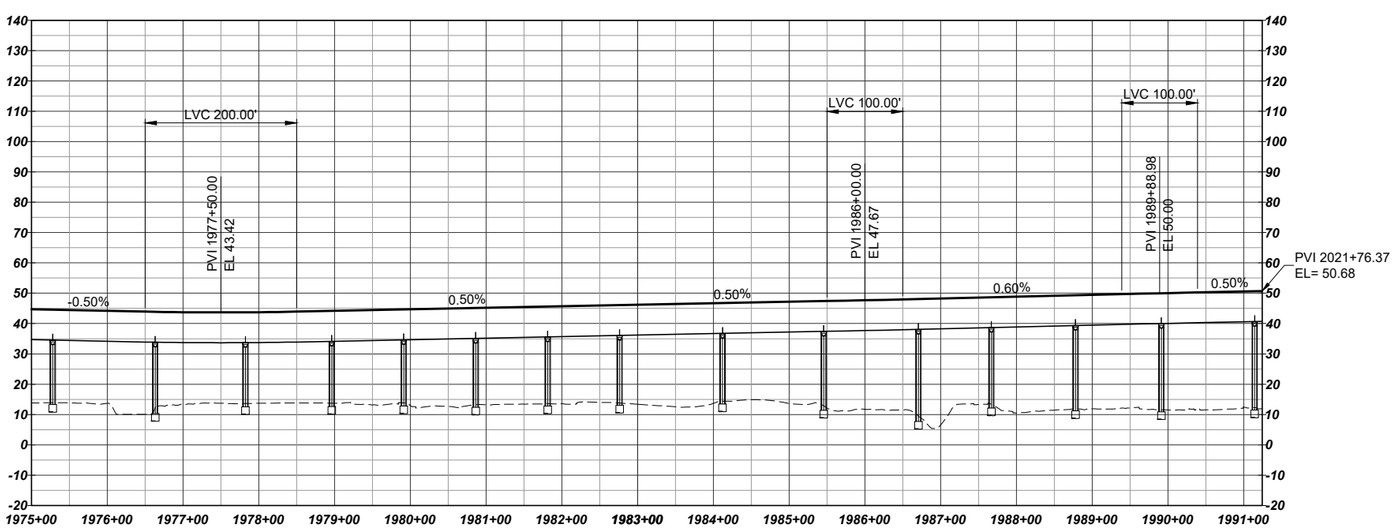

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VERT: 25 12.5 0 25 50 SCALE IN FEET

LEGEND:

- COLUMNS / STRADDLE BENTS
- STATION PLATFORM
- CONSTRUCTION LIMITS
- TRANSIT WAY LIMITS
- WSDOT COMPATIBILITY LINE
- BASIS OF DESIGN STREAM (SEE NOTE 1)
- BASIS OF DESIGN WETLAND (SEE NOTE 1)
- SURVEYED STREAM (SEE NOTE 2)
- SURVEYED WETLAND (SEE NOTE 2)

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FIFE I-5 - 54TH SPAN DESIGN OPTION
TRACK PLAN AND PROFILE
STA 1975+00 TO STA 1991+00

NB0-KAP14

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MLARSON

SOUND TRANSIT TACOMA DOME LINK EXTENSION

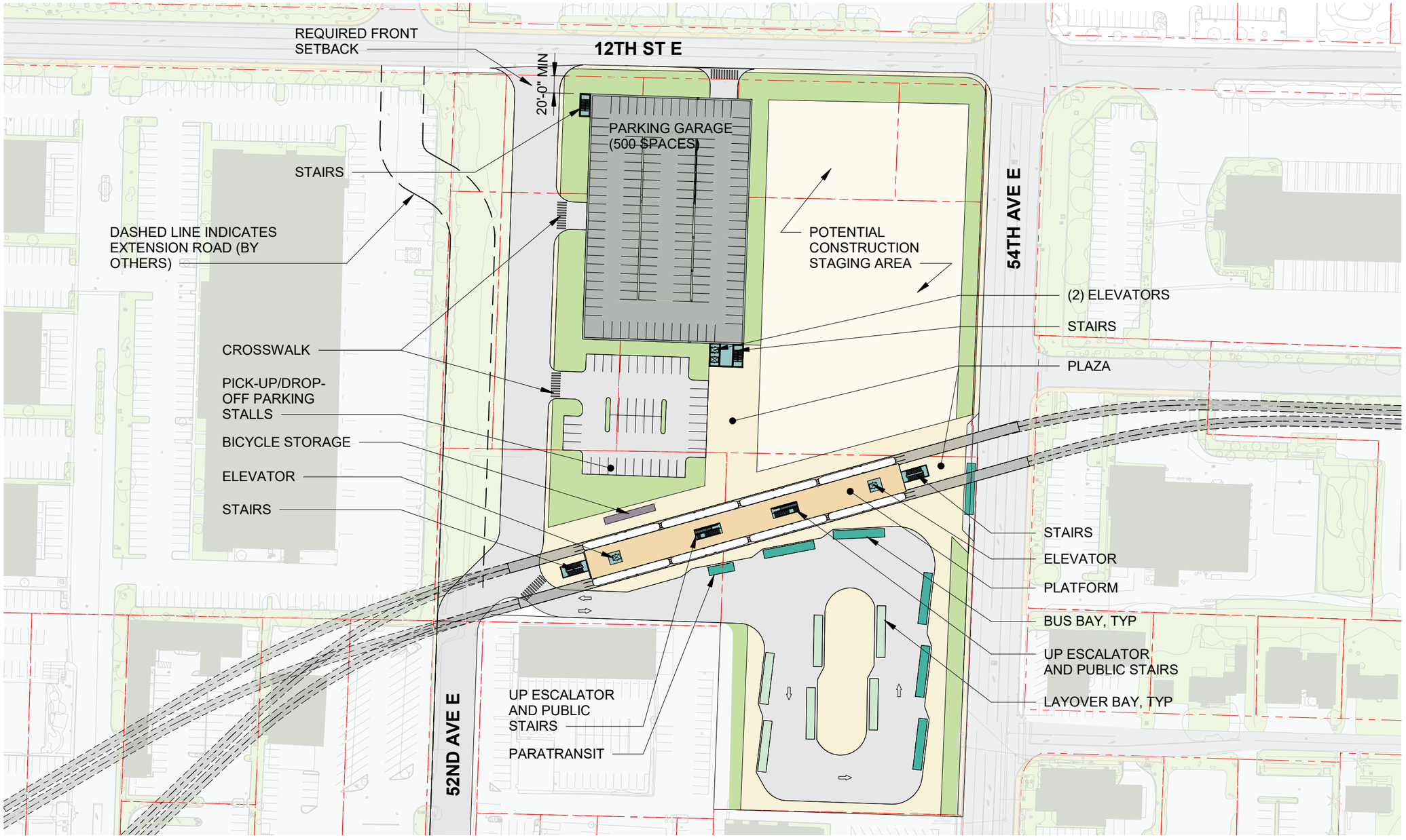

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
SITE PLAN - GARAGE OPTION

LA-ASP101
MA-ASP101
NA-ASP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

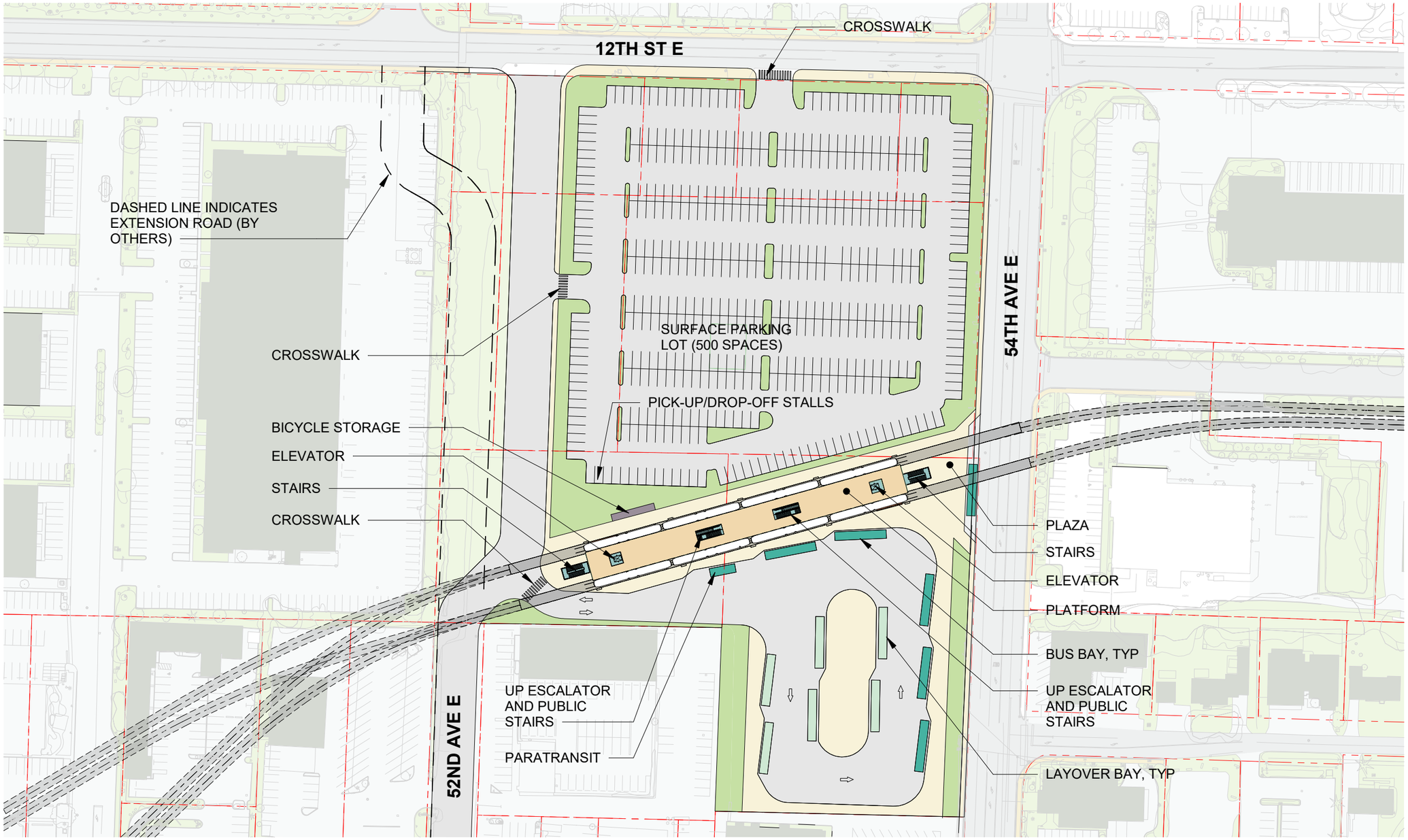

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
SITE PLAN - SITE ROADWAY OPTION

LA-ASP102
MA-ASP102
NA-ASP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

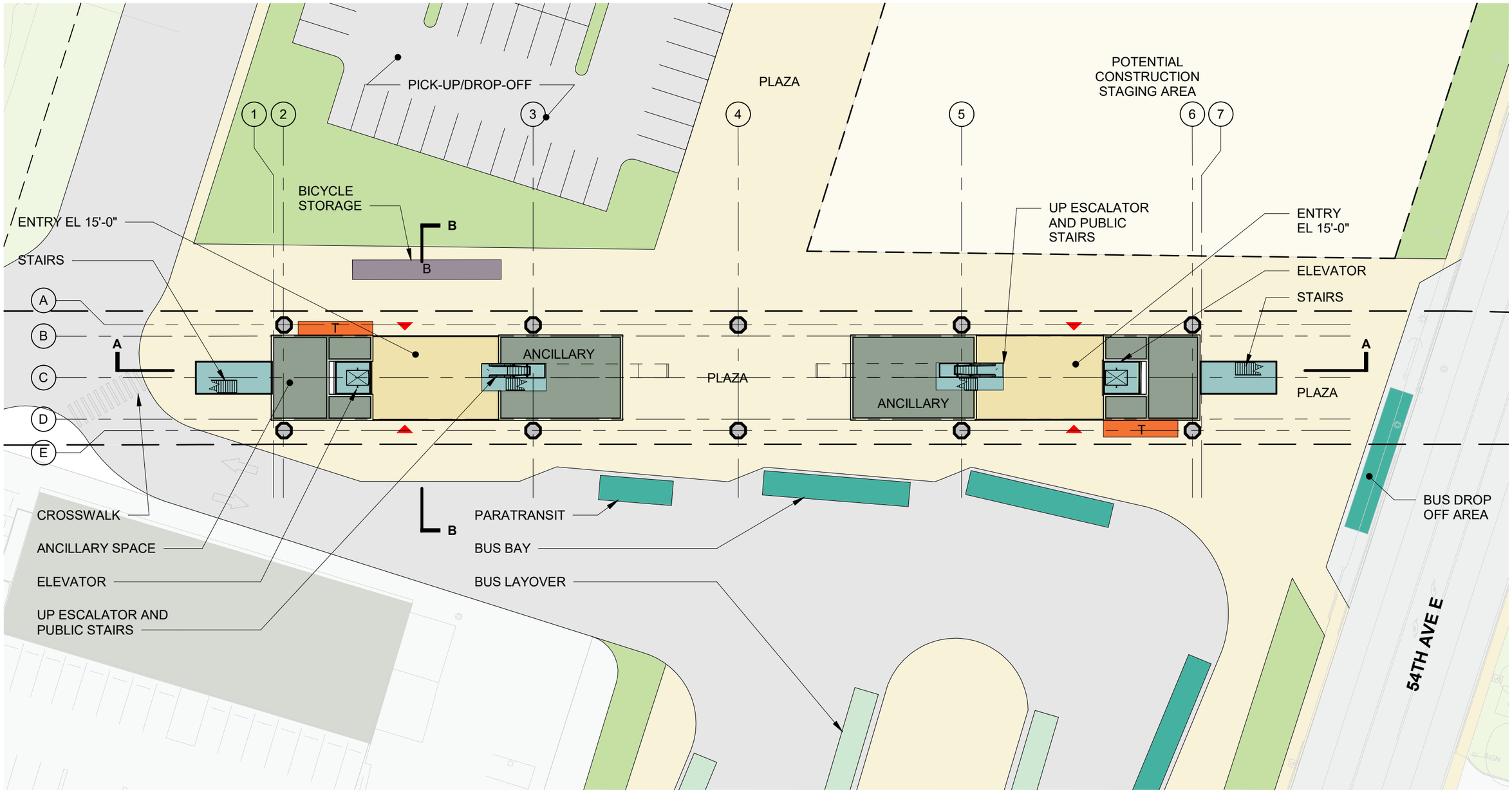

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
Ticketing/Information
Ancillary Area
Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
PLAZA PLAN

LA-APP101
MA-APP101
NA-APP101

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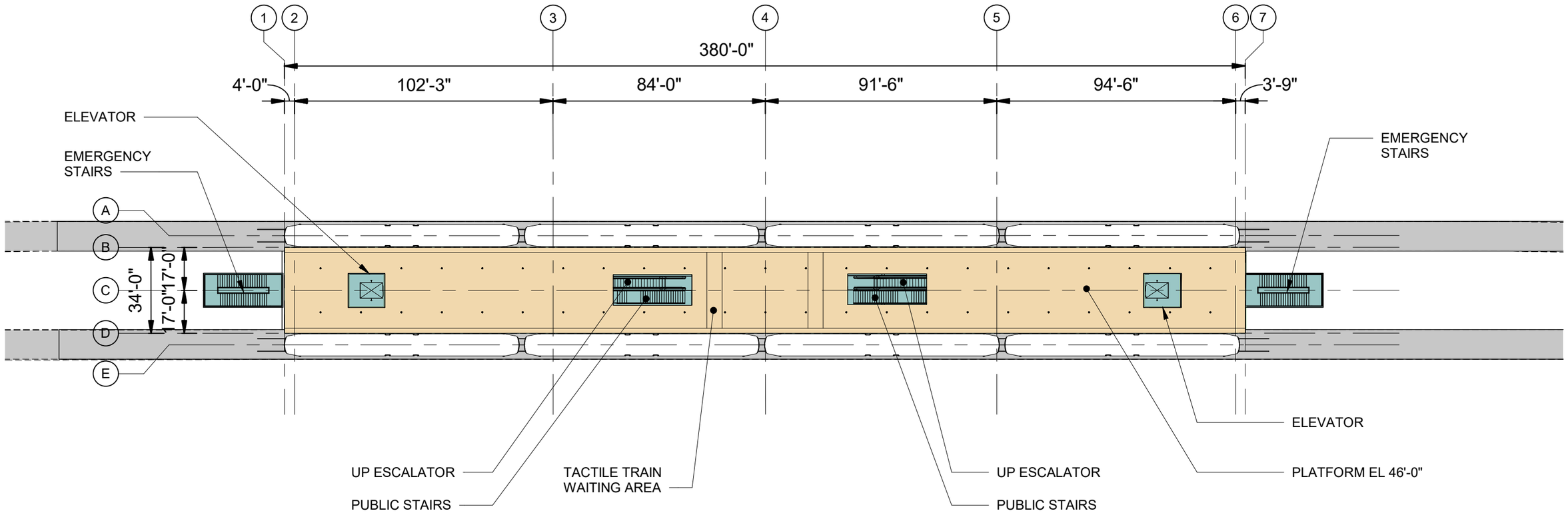

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
PLATFORM PLAN

LA-APP201
MA-APP201
NA-APP201

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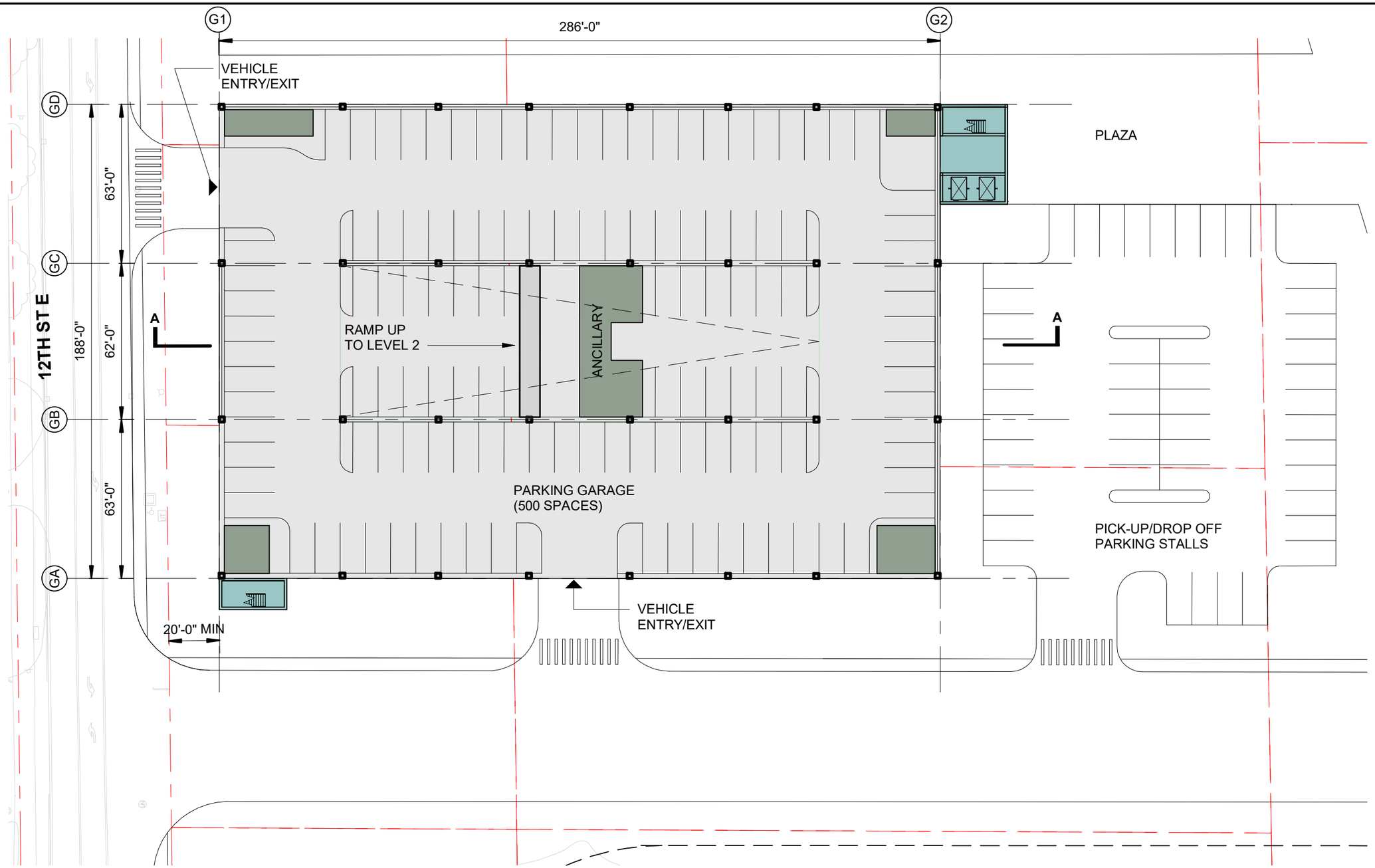

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
GARAGE PLAN

LA-APP102
MA-APP102
NA-APP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

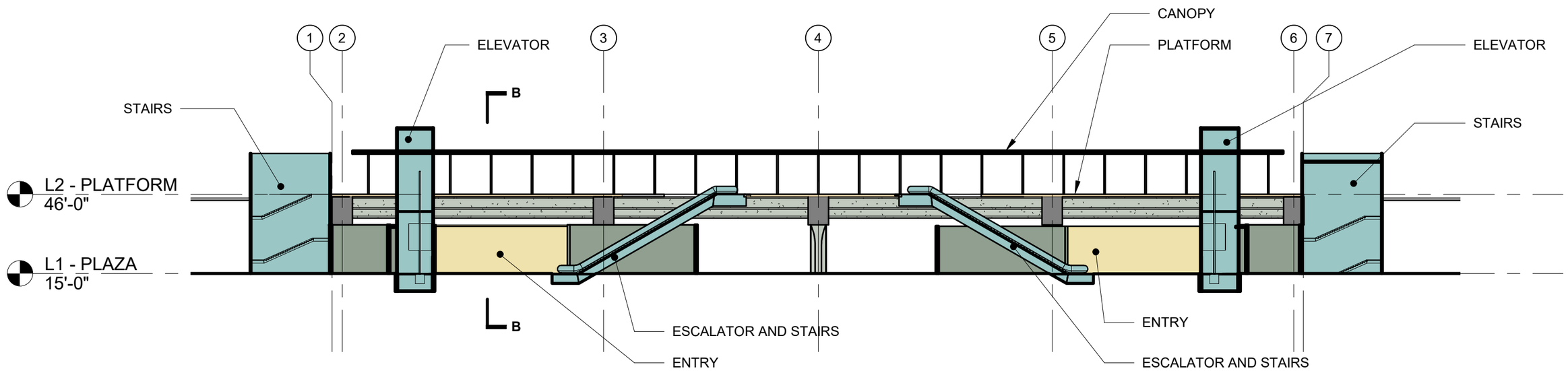

SECTION A

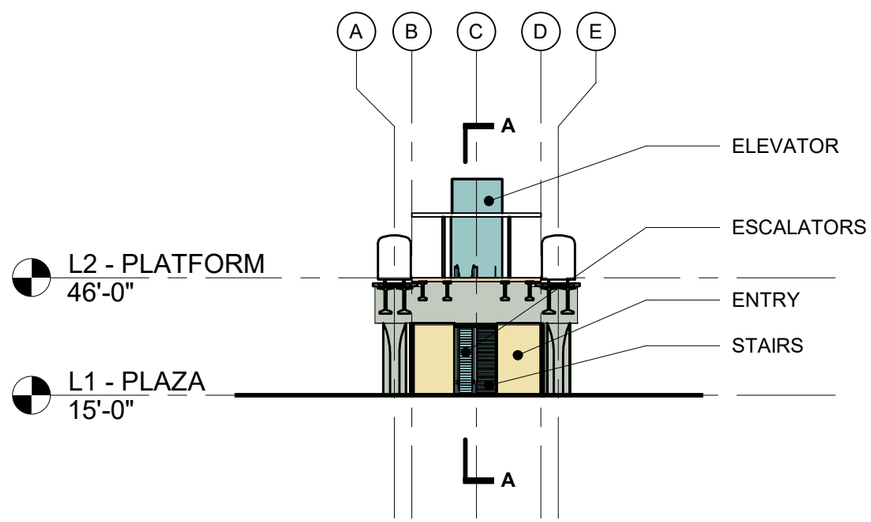

SECTION B

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
SECTIONS

LA-AEX101
MA-AEX101
NA-AEX101

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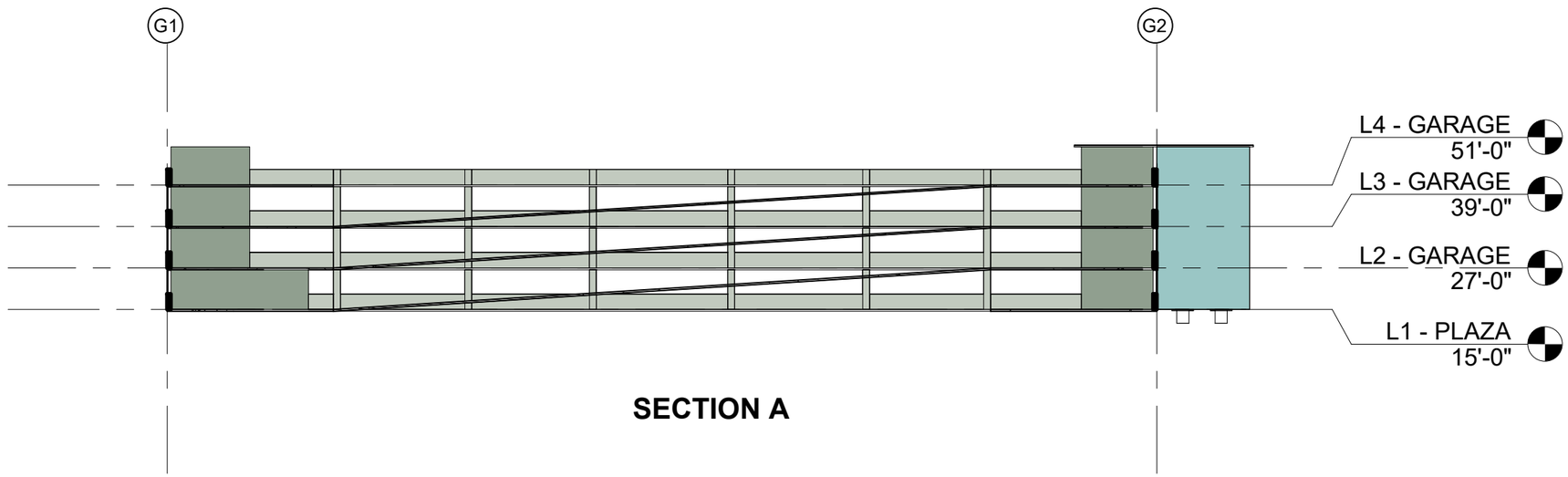

SECTION A

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE STATION OPTION
GARAGE SECTION

LA-AEX102
MA-AEX102
NA-AEX102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

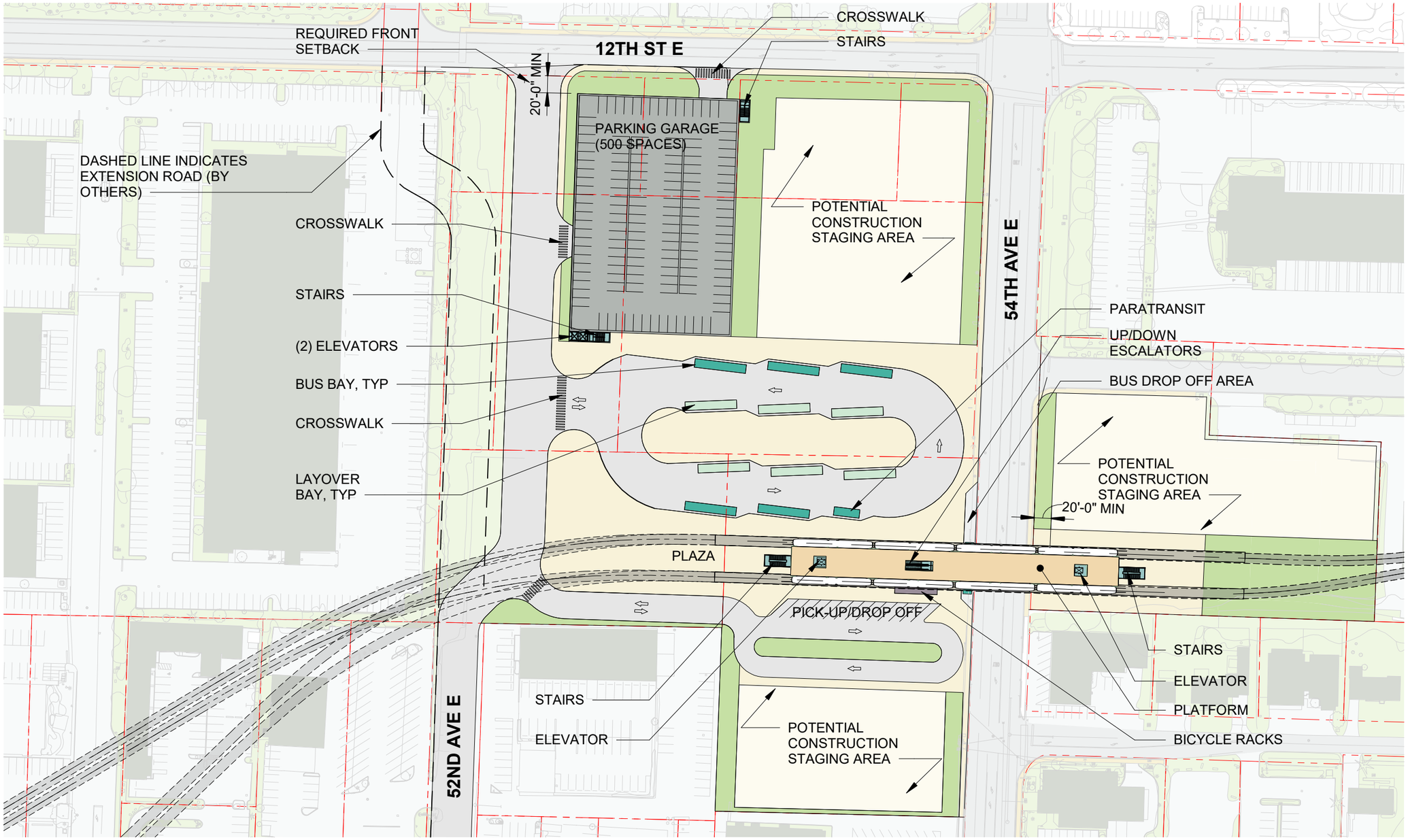

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
SITE PLAN - GARAGE OPTION

LB-ASP101
MB-ASP101
NB-ASP101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

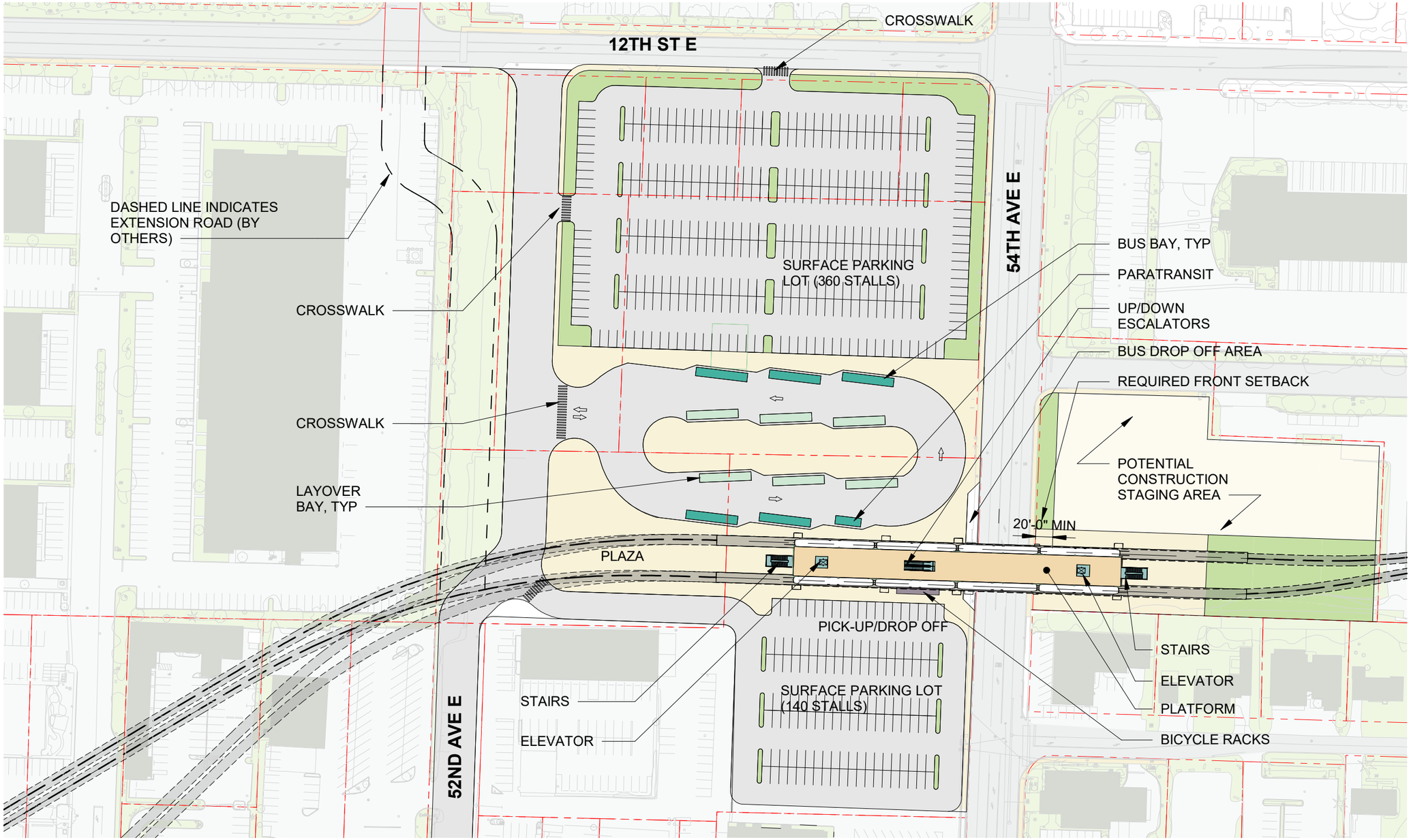

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 60' 120'

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
SITE PLAN - SITE ROADWAY OPTION

LB-ASP102
MB-ASP102
NB-ASP102

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

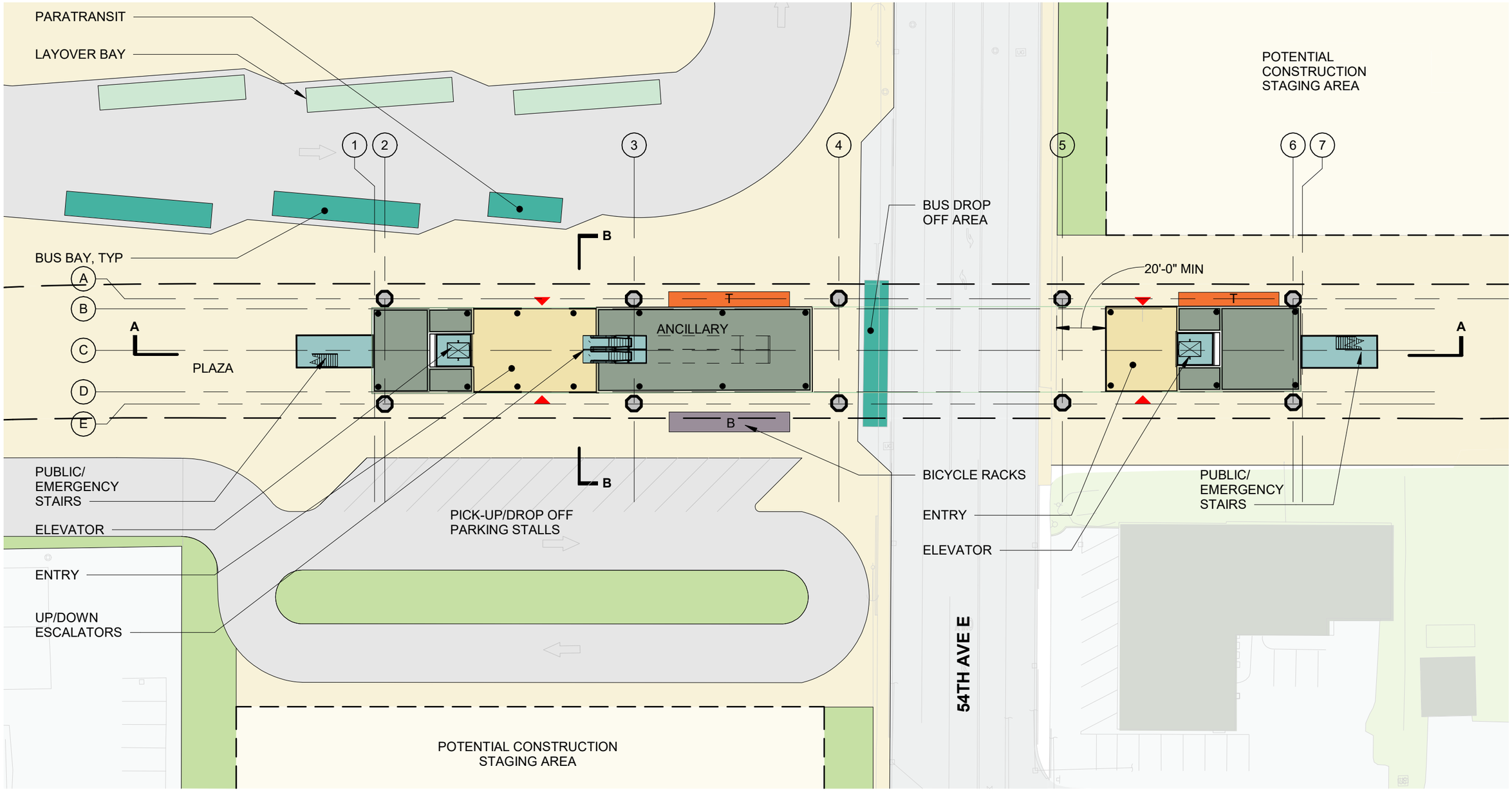

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
PLAZA PLAN

LB-APP101
MB-APP101
NB-APP101

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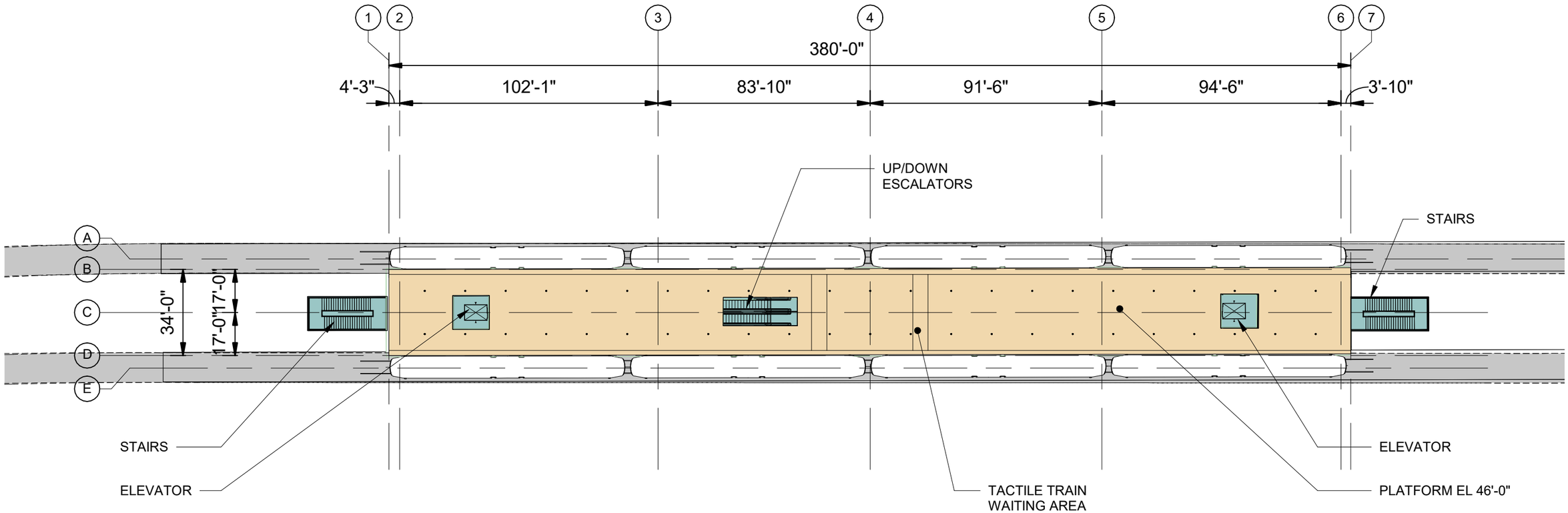

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
PLATFORM PLAN

LB-APP201
MB-APP201
NB-APP201

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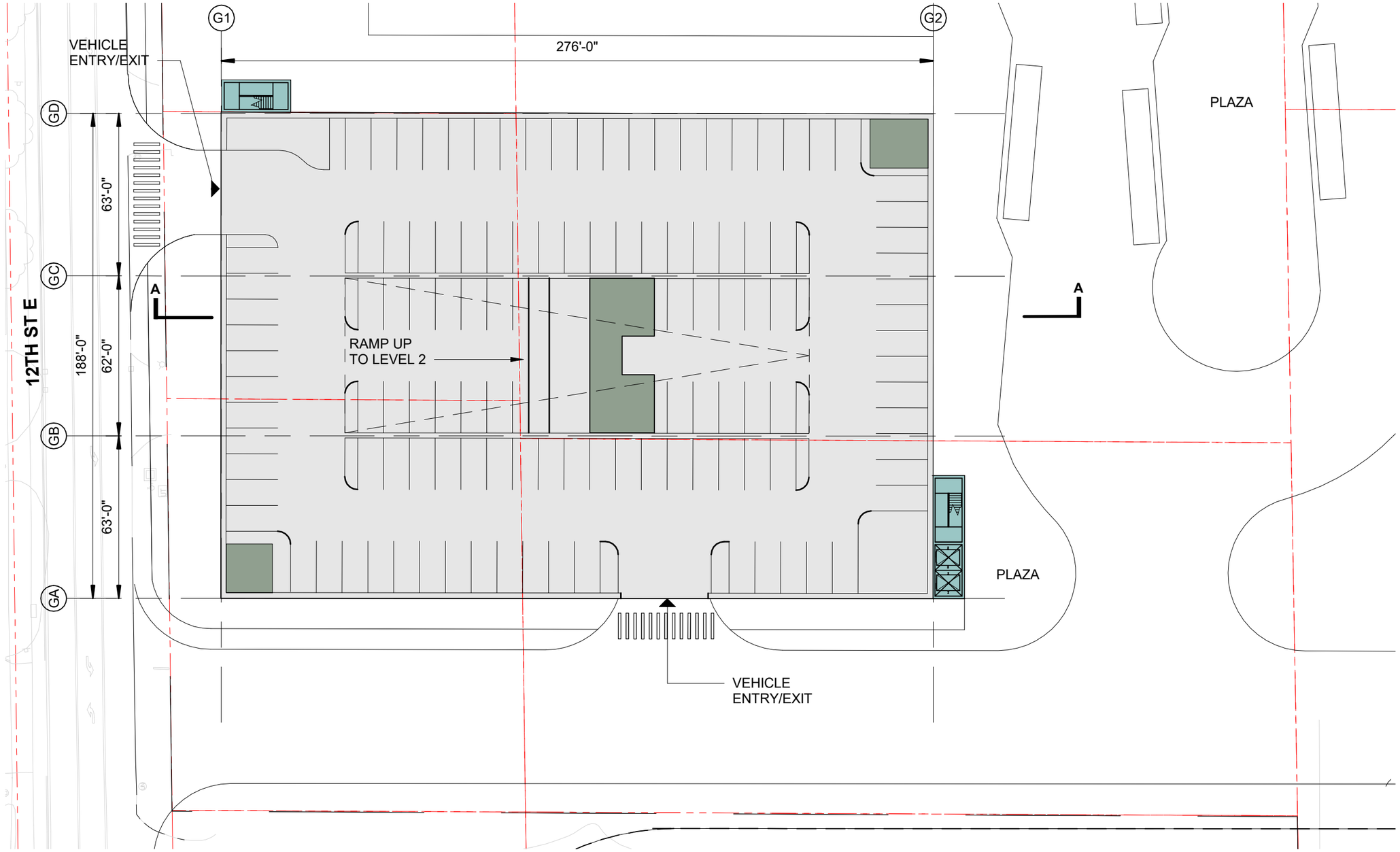

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

N

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
GARAGE PLAN

LB-APP102
MB-APP102
NB-APP102

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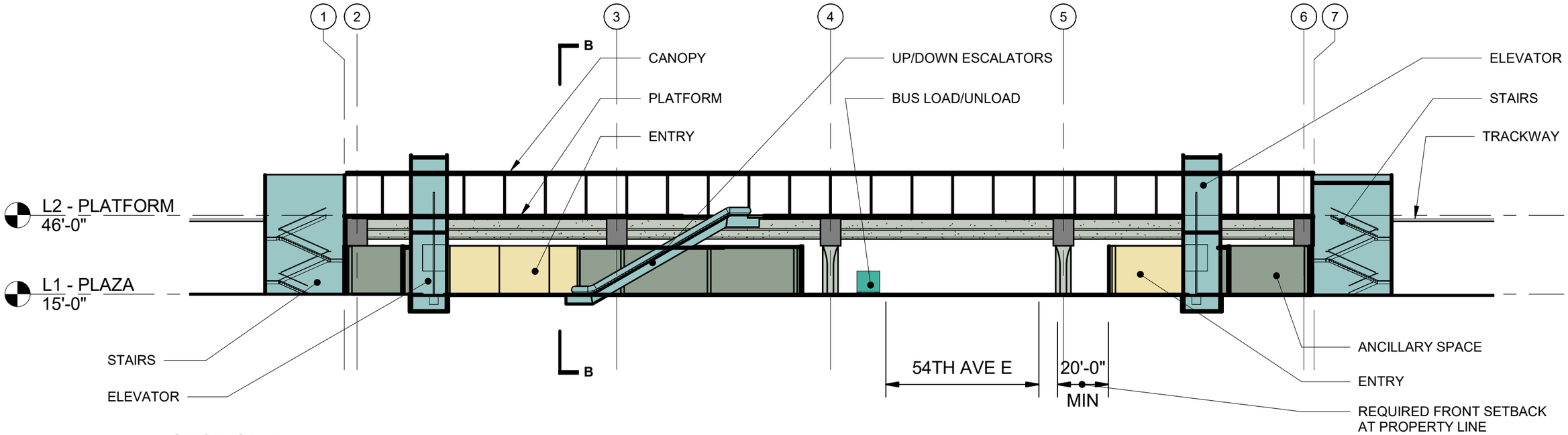

SECTION A

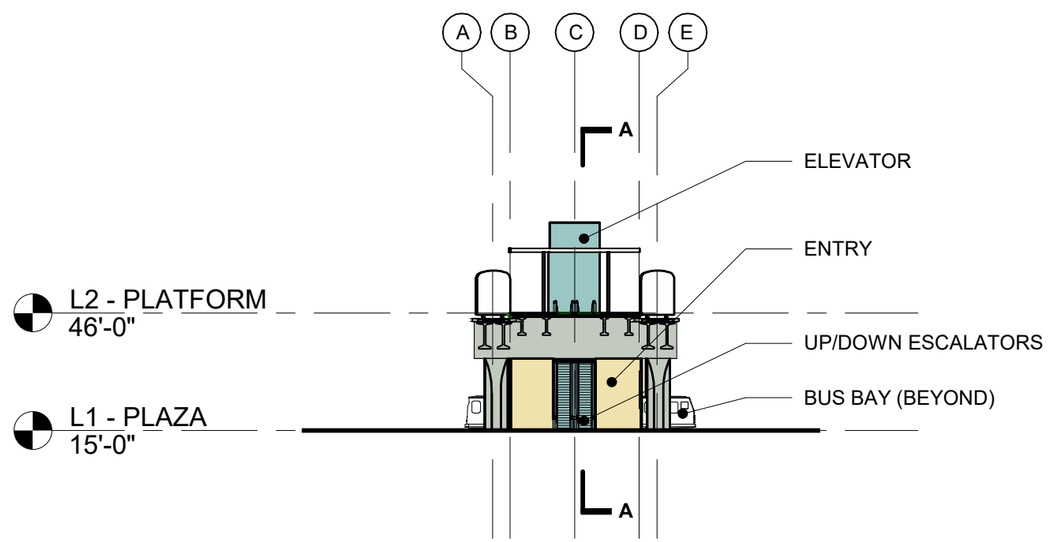

SECTION B

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
SECTIONS

LB-AEX101
MB-AEX101
NB-AEX101

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SOUND TRANSIT TACOMA DOME LINK EXTENSION

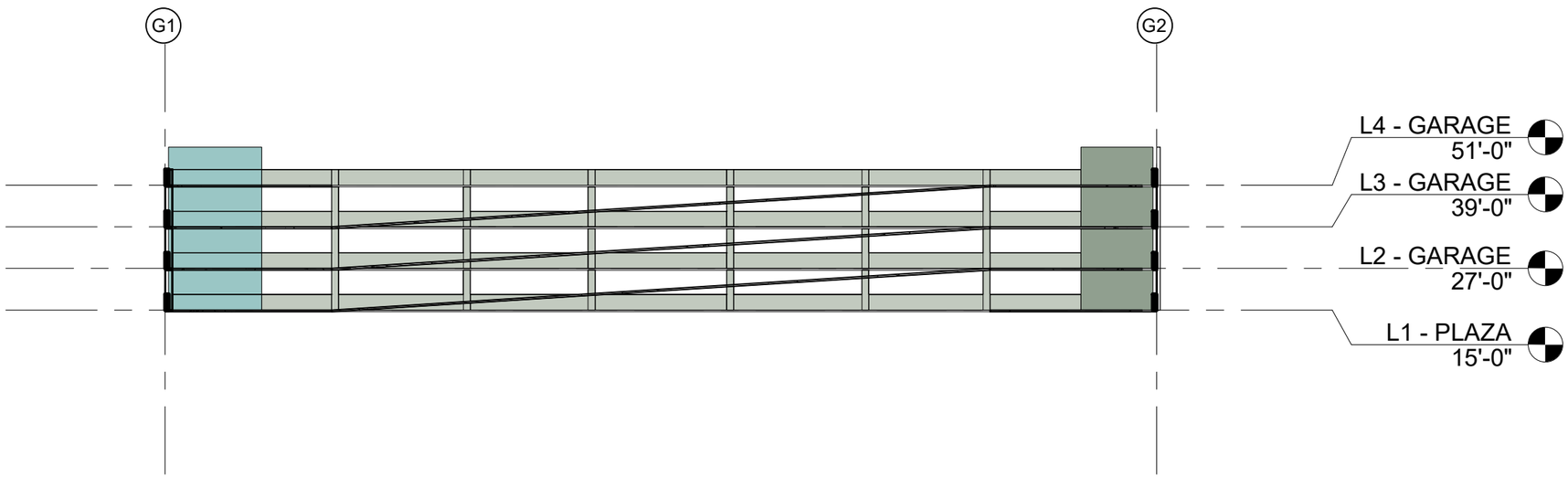

Platform
Plaza
Vertical Circulation
Bus Load/Unload
Bus Layover
T Ticketing/Information
Ancillary Area
B Bike Storage
Station Entry
Parcel Lines
Proposed Building (By Others)

0 20 40

SOUNDTRANSIT

SCHARRERAD

FIFE 54TH AVENUE SPAN STATION OPTION
GARAGE SECTION

LB-AEX102
MB-AEX102
NB-AEX102

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

PRESENT AND REASONABLY FORESEEABLE ACTIONS

Appendix G

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

G. Present and Reasonably Foreseeable Actions

Appendix G, Present and Reasonably Foreseeable Actions, provides additional details on the actions considered in analysis presented in Chapter 5, Cumulative Impacts, of the Draft EIS. The analysis considers the potential cumulative long-term impacts of TDLE in conjunction with past, present, and reasonably foreseeable actions. These actions include, but are not limited to activities that have been proposed in comprehensive/management/budget plans or have been submitted as a part of a permitting process. The actions also include larger public projects that often have development documentation available and private projects where development information may be limited or not publicly available.

Figures G-1 through G-4 show the general location of present and reasonably foreseeable actions in the TDLE study area that were used to identify potential cumulative impacts. Table G-1 lists these projects.

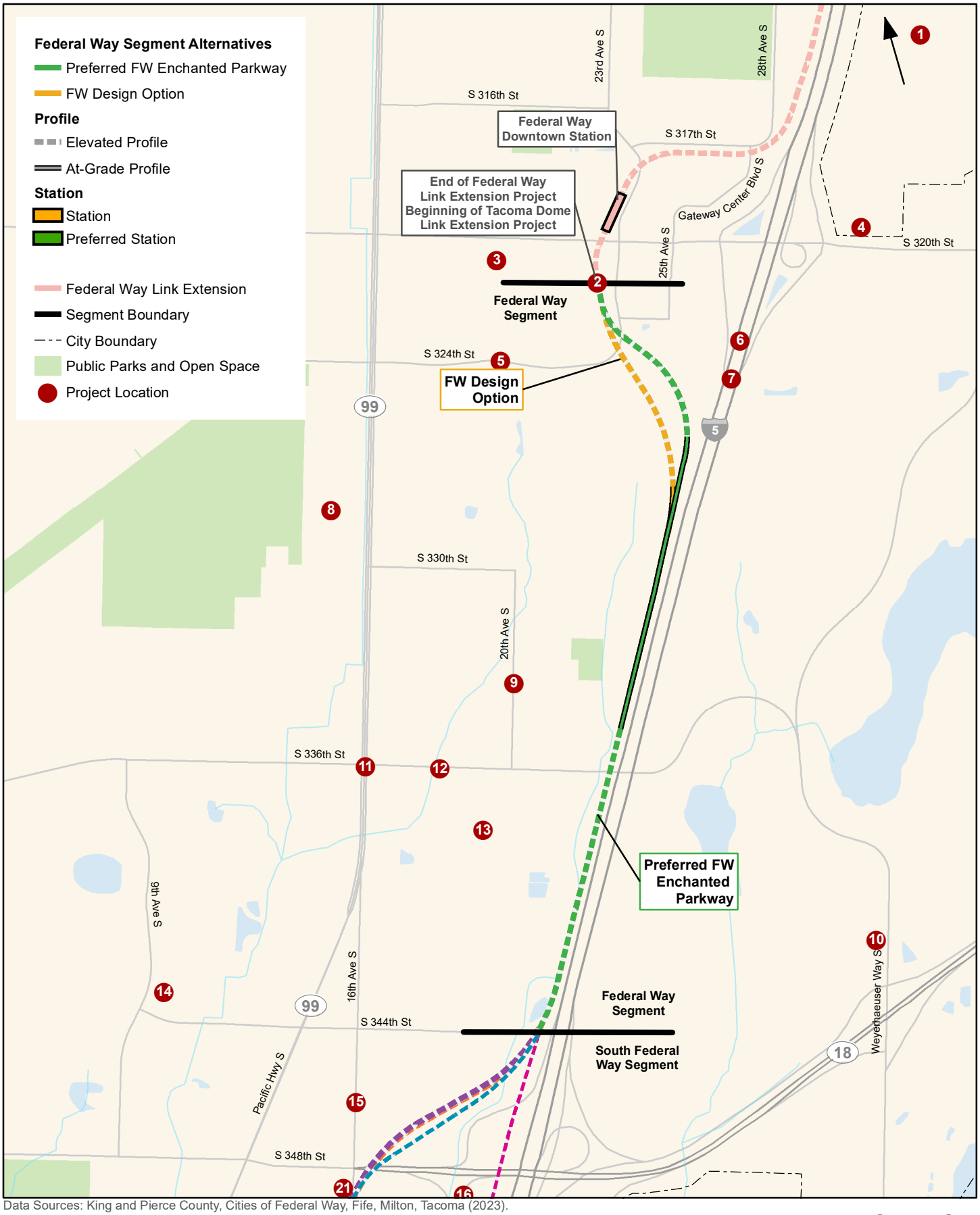

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE G-1
Present and Reasonably Forseeable Actions
Federal Way Segment

Tacoma Dome Link Extension

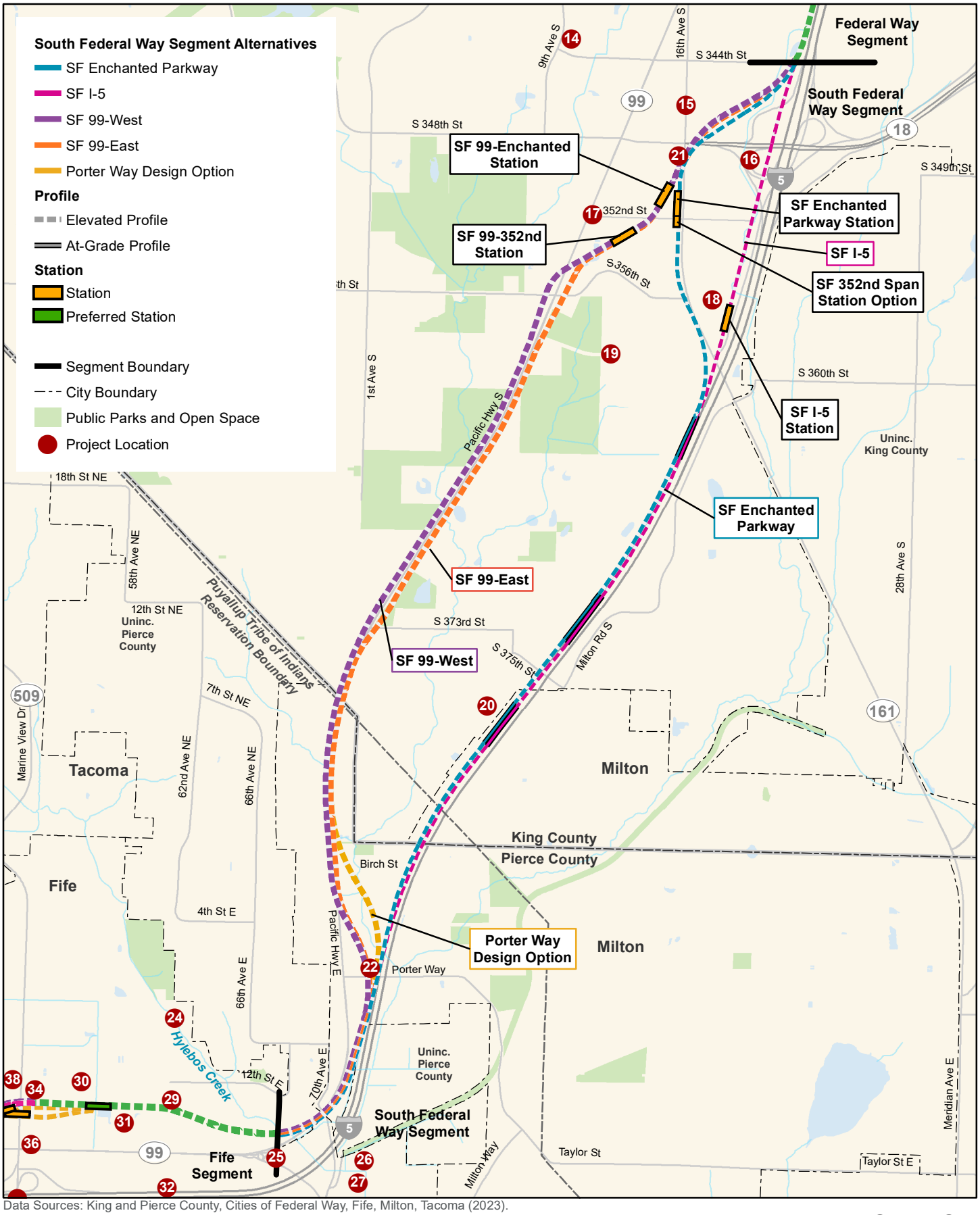

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE G-2

Present and Reasonably Forseeable Actions
South Federal Way Segment

Tacoma Dome Link Extension

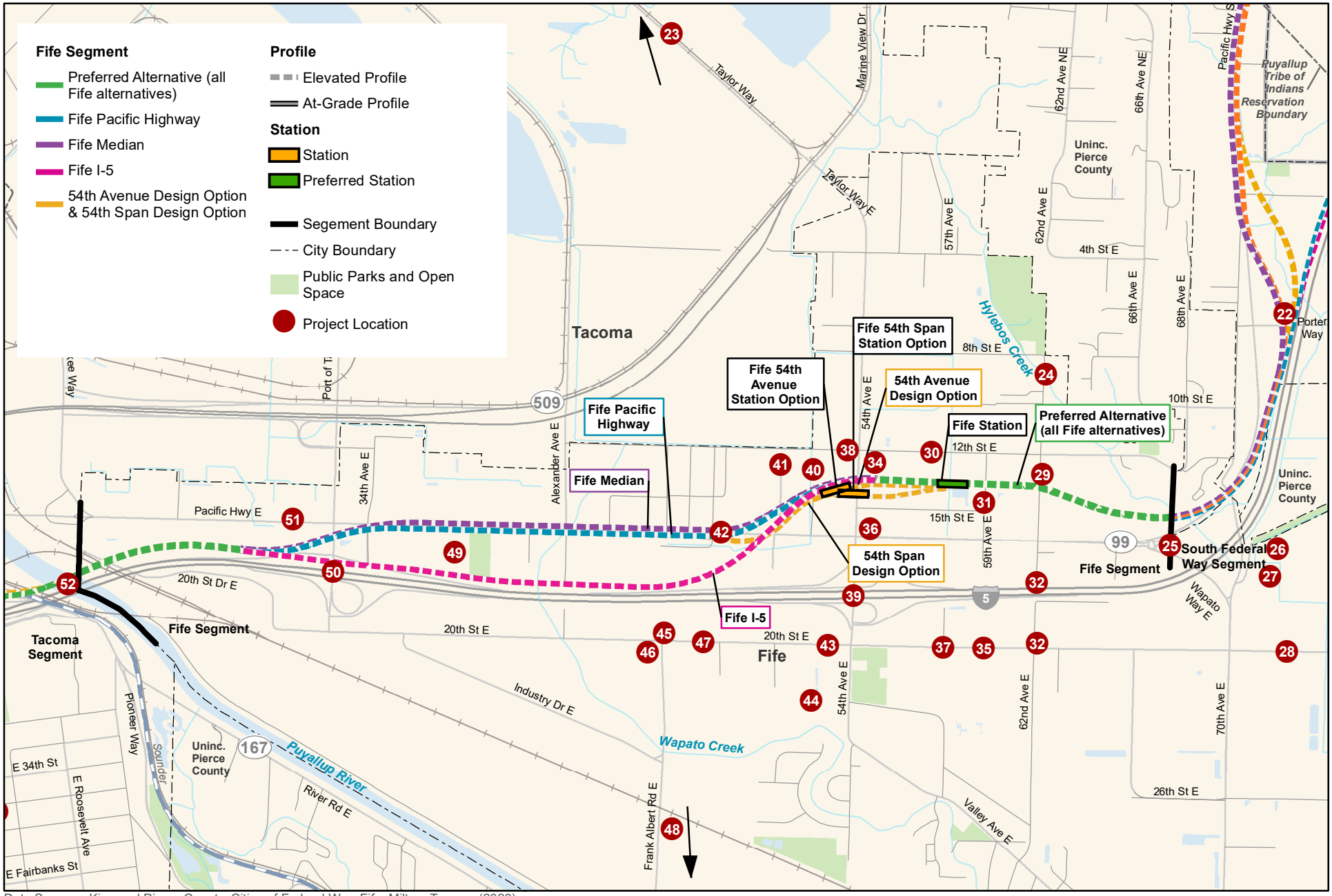

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE G-3

Present and Reasonable Forseeable Actions
Fife Segment

Tacoma Dome Link Extension

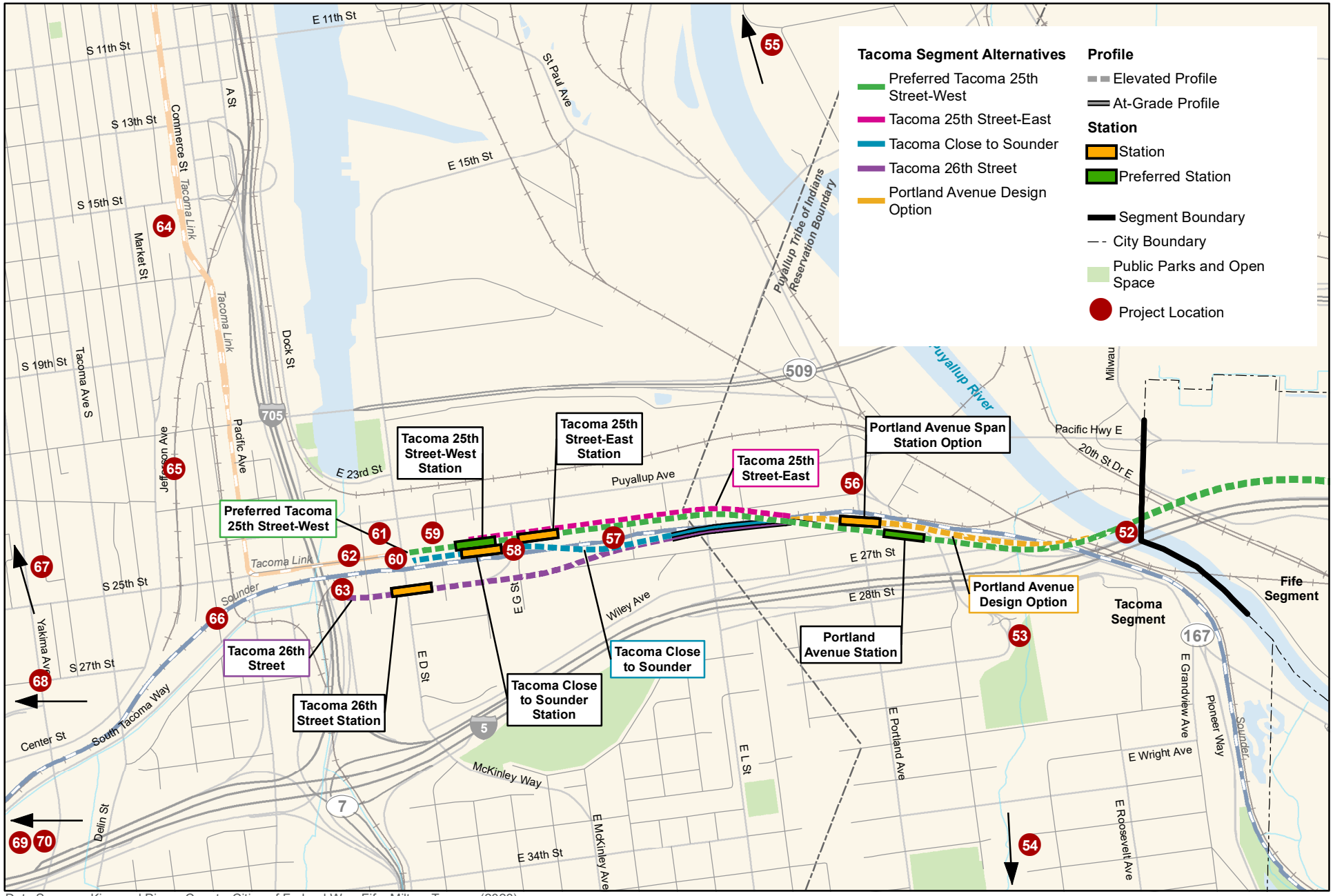

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE G-4

Present and Reasonably Forseeable Actions
Tacoma Segment

Tacoma Dome Link Extension

Table G-1 Present and Reasonably Foreseeable Actions

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
Federal Way Segment				
1	WSDOT SR 509 Completion Project	Federal Way	2019–2028; Stage 1a (bridge over SR 99 near S 208th Street) was completed in winter 2022, currently Stage 1b is in progress, with Stage 2 expected to begin late 2024.	Phase I extends SR 509 between S 188th Street and I-5/S 272nd Street and includes construction of 4 general-purpose lanes on a tolled facility and interchange improvements at S 188th Street, 24th/28th Avenue S, and I-5. Project would add I-5 auxiliary lane adjacent to Meadowbrook Landfill (WSDOT 2023a).
2	Sound Transit Federal Way Link Extension	Federal Way	Construction began in 2020 and is currently expected to be completed in 2026	This project extends light rail from Angle Lake Station in the city of SeaTac to the Federal Way Transit Center. The 7.8-mile extension includes three stations in Kent/Des Moines near Highline College, S 272nd Street, and the Federal Way Transit Center. All three stations add parking for a total of 3,200 spaces along the route (Sound Transit 2024a).
3	The Commons at Federal Way Pad Sites	Federal Way	Construction began in 2022	Restaurant and retail space will be expanded at The Commons mall in Federal Way.
4	Pape – Kenworth Development	Federal Way	Construction began in 2020	NE corner of I-5 and S 320th Street. Frontage improvements on the north side of S 320th Street between I-5 northbound ramps and 32nd Avenue S and a half-street improvement on 32nd Avenue S (City of Federal Way 2020a).
5	Widen S 324th Street between Pacific Highway S (SR 99) and 23rd Avenue S	Federal Way	TBD	Widen existing road to 5 lanes (City of Federal Way 2015).
6	BPA Tower Replacement	Federal Way	Prior to TDLE	Near S 324th Street, new towers would be built to raise transmission lines adjacent to existing towers (BPA 2020).
7	City of Federal Way City Center Access Project	Federal Way	Depending on funding construction may begin as soon as 2027	Team is moving forward with evaluating various options for interchange modifications at S 324th Street and possible local street improvements, including: • S 312th Street from 23rd Avenue S to Military Road • 32nd Avenue S from S 320th Street to Military Road • 320th/324th couplet (one-way streets) • HOV lanes on S 320th Street between Pacific Highway S and Military Road (City of Federal Way 2022)

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
8	FUSION Family Center Project	Federal Way	Opened in 2020	Land use proposal to redevelop existing motel located at 1505 S 328th Street to a social services transition housing facility for families experiencing homelessness (FUSION Federal Way 2023).
9	Creekside Commons Townhomes	Federal Way	TBD	Rezone 10 acres for 94 zero-lot-line townhome units at S 333rd Street and 20th Avenue S.
10	Woodbridge Corporate Park (Weyerhaeuser Campus Redevelopment)	Federal Way	Construction started summer 2022, planned completion for 2025	Current effort underway to redevelop Weyerhaeuser Campus as industrial, warehouse use. Woodbridge Buildings A and B are under construction with three additional buildings in the planning stage (Industrial Realty Group 2022).
11	City of Federal Way – S 336th Street Water Quality Facility at Highway 99	Federal Way	Unknown. Construction was scheduled to begin in 2019	Storm drain improvements and a new water quality facility in the West Hylebos Watershed near the intersection of Pacific Highway and S 336th Street (City of Federal Way 2014).
12	Widen S 336th Street between Pacific Highway S (SR 99) and 20th Avenue S	Federal Way	TBD	Widen existing road to 5 lanes (City of Federal Way 2015).
13	Sound Transit Operations and Maintenance Facility South	Kent or Federal Way	2024-2032	The Operations and Maintenance Facility South (OMF South) will construct an operations and maintenance facility to support Sound Transit 3 system expansion. Three sites currently under evaluation in a separate environmental impact statement from TDLE: one site on the Midway Landfill in Kent and two sites in Federal Way (Sound Transit 2024b).
14	Smith Brother's Farm	Federal Way	Construction began 2022	Construct a 45,300-square-foot warehouse building for storage and distribution of dairy products. The building will include warehouse and office spaces, loading docks, truck parking and employee parking (City of Federal Way 2021).
South Federal Way Segment				
15	City of Federal Way – 16th Avenue S: S 344th Street to S 348th Street	Federal Way	2021–2026	Construct an auxiliary southbound lane along 16th Avenue S between S 344th Street and S 348th Street (City of Federal Way 2020b).
16	I-5 – Southbound Collector-Distributor Lane and 356th Street Intersection Improvements	Federal Way	Construction suspended as part of the WSDOT I-5 – SR 161/SR 18 Triangle Improvements.	Project includes a new roundabout on S 356th Street at the SR 161 and 16th Avenue S intersections, a new southbound I-5 exit to S 356th Street and SR 161, and a new southbound I-5 exit to SR 18. The existing loop ramp to eastbound SR 18 would be eliminated (WSDOT 2023b).
17	South King Fire & Rescue Fire Station at 35100 Pacific Highway S	Federal Way	Construction is scheduled to begin by 2024	Build an emergency response fire station.

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
18	WSDOT I-5 – SR 161/SR 18 Triangle Improvements	Federal Way	Currently suspended, no timeline available	Phase 1 includes adding a new exit from SB I-5 to S 356th Street with roundabouts, rebuilding SB I-5 exit to SR 18. Phase 2 includes adding a northbound lane on I-5 and a 2-lane ramp from northbound I-5 to eastbound SR 18 (WSDOT 2023b).
19	Lakehaven Sewer Pump Station #33B	Federal Way	Completed 2023	Installation of a new sewer pump station, gravity line, and force main improvements at 200 S 359th Street. The new pump station is a replacement of an existing pump station on an easement dedicated to Lakehaven Water and Sewer District (Lakehaven Water and Sewer District 2023).
20	Cemetery Access Road at St. George Cemetery	Puyallup Tribe of Indians	Completed summer 2021	Constructed a new roadway to access St. George Cemetery.
21	Federal Way Mixed-Use Development	Federal Way	Construction in progress 2023	New mixed-use development consisting of 240 residential units, commercial retail space, and 450 parking spaces at the SE corner of S 348th Street and 1st Avenue S on an 8.33-acre site.
22	SR 99-Porter Way Intersection Improvements	City of Milton	Construction began October 2023, anticipated to be completed in fall 2024	Improvements will accommodate an additional travel lane to increase mobility for vehicles and large trucks. Sidewalks and a signal system upgrade are included in the project (TIB 2023).
Fife Segment				
23	Taylor Way Rehabilitation Project	Fife	Completed November 2021	Includes improvements to roadway surfacing, intersections, and pedestrian facilities on Taylor Way between 11th Street and SR 509 (City of Tacoma 2023).
24	SR 167 Frontage Road	Fife	TBD	Construct new street adjacent to the west side of the future SR 167 extension. The street will connect between 8th Street E and Wapato Way E overcrossing of I-5 at Pacific Highway E. Planning and engineering was funded to begin in year 2022.
25	WSDOT SR 167 Completion Project	Fife	2020–2029	This project includes Stage 1a (completed), Stage 1b (under construction), and Stage 2a and b. Connect SR 167 between SR 512, I-5, and SR 509. Construction of 4 general-purpose lanes on a tolled facility; interchange improvements at N Meridian, Valley Avenue E, I-5, 54th Avenue E, and SR 509 (WSDOT 2023c).
26	70th Avenue E and I-5 Bridge Replacement	Fife	Completed 2021	Reconstruct and relocate the 70th Avenue E bridge over I-5 as part of the SR 167 Extension Project. New bridge will have 4 lanes and pedestrian and bicycle facilities. City of Fife contribution = $1,000,000 (City of Fife 2020).

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
27	SR 167 Relocation of Interurban Trail and Trailhead	Fife	Completed 2022	Relocate the existing trail and trailhead from 20th Street E to existing trail. Improvements to be built concurrent with the 70th Avenue E bridge relocation (City of Fife 2020).
28	20th Street E from 70th Avenue E to Freeman Road	Fife	TBD	Reconstruct 20th Street E as a 3-lane roadway. Planning and engineering is funded to start in 2025 (City of Fife 2020).
29	62nd Avenue E Reconstruction – North Segment	Fife	TBD	Reconstruct 3-lane roadway with curb, gutters, sidewalks, and drainage. Planning and engineering is funded to start in 2025 (City of Fife 2020).
30	12th Street E from 54th Avenue E to 59th Avenue E	Fife	TBD	Widen to 3 lanes (City of Fife 2020).
31	Extension of 59th Avenue E Phase 2	Fife	TBD	Completion of 59th Avenue E sidewalk and utility underground improvements north from Pacific Highway E to 12th Street E. Planning and engineering was funded to start in 2023 (City of Fife 2020).
32	62nd Avenue E Nonmotorized Overpass of I-5	Fife	TBD	Construct new 62nd Avenue E pedestrian bridge over I-5 from 20th Street E to Pacific Highway E. Planning and engineering was funded to start in 2023 (City of Fife 2020).
33	62nd Avenue E from 20th Street E to Pacific Highway E	Fife	TBD	Extend 62nd Avenue E from 20th Street E to Pacific Highway E, including I-5 overpass. Planning and engineering is funded to start in 2025 (City of Fife 2020).
34	Fife City Center subarea planning and new streets – Pedestrian Scale Grid in City Center	Fife	TBD	Update the City Center subarea plan with specific proposals for growth and evaluation and mitigation measures. This would include the construction of new streets in Fife's City Center to create pedestrian-scale block lengths; the target length is 330 feet from center to center of intersecting streets. Planning and engineering was funded to start in 2021 (City of Fife 2024).
35	20th Street E Reconstruction – 56th Avenue E to 64th Avenue E	Fife	TBD	Reconstruct and widen to a 3-lane roadway with curbs, gutters, sidewalks, bike lanes, drainage improvements, and underground aerial utilities. Construct new signal at 62nd Avenue E. Planning and engineering was funded in 2021 (City of Fife 2020).
36	Pacific Highway E Signal Interconnect	Fife	TBD	Interconnect traffic signals on Pacific Highway E from Willow Road E to 59th Avenue E. Planning and engineering was funded to start in 2021 (City of Fife 2020).
37	20th Street E and 58th Street E Signalization	Fife	TBD	Signalization of intersection. Planning and engineering was funded to start in 2021 (City of Fife 2020).

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
38	12th Street E Reconstruction	Fife	In construction 2023	Reconstruct to 3-lane roadway with curbs, gutters, sidewalks, and drainage from 62nd Street E to Alexander Avenue E (City of Fife 2020).
39	I-5/54th Avenue E Interchange Improvements	Fife	Completed in 2020	Rebuilt western half of the interchange, and maintain the eastern half of the interchange and the existing 54th Avenue E bridge over I-5 (City of Fife 2020).
40	52nd Avenue E – New Road	Fife	TBD	Construct a new street from Pacific Highway E to 12th Street E. Planning and engineering was funded to start in 2022 (City of Fife 2020).
41	51st Avenue E – New Road	Fife	TBD	Construct new street from Pacific Highway E to 12th Street E. Planning and engineering was funded to start in 2022 (City of Fife 2020).
42	Pacific Highway E Street Lighting	Fife	TBD	Construct street lighting on Pacific Highway E from Alexander Avenue E to 54th Avenue E. Planning and engineering for Phase 1 was funded to start in 2023 (City of Fife 2020).
43	20th Street E from 50th Avenue E to 56th Avenue E	Fife	TBD	Widen to 5 lanes. Planning and engineering was funded to start in 2022 (City of Fife 2020).
44	23rd Street E Extension – 51st Avenue E to 54th Avenue E	Fife	TBD	New connection to improve street grid network. Will connect to future I-5 and 54th Avenue E interchange ramps. Planning and engineering was funded to start in 2023 (City of Fife 2020).
45	Frank Albert Road E from 20th Street E to Pacific Highway E	Fife	Planned completion 2024	Extend Frank Albert Road E from 20th Street E to Pacific Highway E, including I-5 overpass. Planning and engineering was funded to start in 2023 (City of Fife 2020).
46	20th Street E and Frank Albert Road E Signalization	Fife	TBD	Signalization of intersection. Planning and engineering was funded to start in 2022 (City of Fife 2020).
47	20th Street E Preservation – Industry Drive E to 54th Avenue E	Fife	TBD	Overlay 3-lane roadway. Planning and engineering was funded in 2022 (City of Fife 2020).
48	Canyon Road Connection Project	Tacoma	Construction is scheduled to begin in 2025, with completion planned for 2027	Extension of Canyon Road E between Pioneer Way E and 70th Avenue E in Fife. Provides connection between Frederickson and Port of Tacoma (Pierce County 2023).
49	Puyallup Tribe of Indians Integrative Medicine Expansion	Puyallup Tribe of Indians (location in Fife)	Preparation of Environmental Assessment began in 2023	The Puyallup Tribe of Indians Integrative Medicine site has been selected for a future regional specialty referral center. Indian Health Services is developing the facility on Puyallup Tribal Lands to reach a regional clientele.

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
50	Port of Tacoma Interchange Improvements Phase II	Tacoma	2023	A series of highway projects to provide operational improvements and high-occupancy-vehicles (HOV) lanes on I-5, including improvements connected to replacing the bridge over the Puyallup River and ramps connecting to Port of Tacoma Road. Phase I was completed 2020 (City of Fife 2021).
51	spuyaləpabš Trail	WSDOT	Planned completion for 2029	A planned trail to connect Puyallup to Fife and downtown Tacoma. Preliminary engineering, and environmental analysis was completed in 2023, the trail is expected to be completed in 2029 (WSDOT 2023d).
Tacoma Segment				
52	I-5 – Portland Avenue to Port of Tacoma Road - Southbound HOV (part of I-5 - SR 16 Tacoma/Pierce County HOV Program)	Tacoma	Completed in 2022	This project replaces the southbound I-5 Puyallup River Bridge and brings it to current seismic standards and demolishes the old bridges. The project also modifies the Port of Tacoma Road on-ramp, rebuilds the East L Street overpass, replaces existing concrete pavement, and upgrades signing, illumination, stormwater collection facilities, and water quality treatment facilities (WSDOT 2023e).
53	First Creek Park	Tacoma	TBD	The Puyallup Tribe of Indians is proposing a new green space, landscaping, walking path, and play area near the new Emerald Queen Casino and Hotel in Tacoma.
54	Pipeline Trail Phase III	Tacoma	Completed 2020	Construct a shared-use path segment between E 56th Street and E 72nd Street (City of Tacoma 2023b).
55	E 11th Street Bridge Corridor Study	Tacoma	TBD	Studying alternatives for the E 11th Street Bridge Corridor to determine whether the bridge over the Puyallup River and viaduct should be replaced, repaired, relocated, or demolished without replacement (City of Tacoma 2023a).
56	Portland Avenue Freight Access Improvement Project	Tacoma	TBD Development of design estimated to be completed in winter 2024	Replacement of asphalt pavement with concrete, roadway rechannelization, bicycle facilities and sidewalks (as needed), and traffic signal changes that could increase safety and freight mobility.
57	Service Development Plan for Amtrak Cascades	Tacoma	TBD Development plan scheduled to be completed in Q1 2024	WSDOT is developing a Service Development Plan for Amtrak Cascades for potential service improvements, including additional trains at the Tacoma Dome Station (WSDOT 2023f).
58	South Tacoma Way Corridor Safety Improvements	Tacoma	Construction completed 2019	Construct needed safety improvements along S Tacoma Way/E 26th Street corridor beginning at East G Street.

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
59	TRAX at 415 E 25th Street	Tacoma	Construction began in 2021, Construction has been delayed as they seek a new developer to take on the project.	Mixed-use development with 115 apartments, 17,000-square-foot market space, 55 parking stalls (BLDCN17-0043, SDEV17-0053, WO17-0121). Pre-construction meeting held June 13, 2019, for building permit. SDEV and WO permits are ready to issue pending pre-con meeting. DEMOC19-0019 approved and ready to issue as of October 22, 2019.
60	Rail Crossing Improvements	Tacoma	Construction began 2023	Working with Sound Transit to create quiet zones at both the 6th Avenue and S 19th Street crossings (City of Tacoma 2023a).
61	Koz Development	Tacoma	Completed in 2020	Mixed-use development, including 152 apartments, on Puyallup Avenue and East C Street.
62	Mixed-Use Development at 217 E 25th Street	Tacoma	Construction began 2021	Construction of a new $20M, 142,000-square-foot, 152-unit multi-family apartment building, consisting of five levels residential over one ground level consisting of residential and work-live units, and one level below-grade parking.
63	Mixed-Use Development at 209 E 26th Street	Tacoma	Construction began 2021	Construction of a new $20M, 142,000-square-foot, 152-unit multi-family apartment building, consisting of five levels residential over one ground level consisting of residential and work-live units, and one level below-grade parking.
64	Tacoma Convention Center Hotel	Tacoma	Completed in 2020	Construction of a 22-story hotel adjacent to the Greater Tacoma Convention and Trade Center, with 300 hotel rooms, ballroom, and approximately 400 parking spaces.
65	Prairie Line Trail Phase II	Tacoma	Construction began in February 2024 and is scheduled for completion in January 2025	Construct 1/3-mile-long pedestrian and bicycle trail along the former BNSF Railway Line from S 21st Street to S 23rd Street (City of Tacoma 2023a).
66	Sound Transit Double Tracking Sounder	Tacoma	TBD	Double-tracking lines will be added at three segments of the Sound Transit track, near Tacoma Dome Station, between where the Sound Transit-owned track branches off from the BNSF-owned Railroad (Tacoma Rail Junction) and Portland Avenue, between S Pine Street and S 66th Street in South Tacoma, including a possible replacement of the S 66th Street bridge, and between Lakewood and DuPont. Funding was awarded for initial conceptual engineering and environmental review in 2022, which is expected to be complete in 2026. Construction is not yet funded (Sound Transit 2024c).
67	Hilltop Tacoma Link Extension	Tacoma	Construction completed and operation began in 2023	This Sound Transit project would double the length of the existing Tacoma Link, starting with the relocation of the Theatre District station and adding six new stations and expanding the Operations and Maintenance Facility located on E 25th Street (Sound Transit 2024d).

Table G-1 Present and Reasonably Foreseeable Future Actions (continued)

	Actions in the Project Vicinity	Jurisdiction	Construction Duration or Status	Description
68	South J Street Bicycle Boulevard	Tacoma	Construction planned to begin summer 2024	This project will construct a 2-mile bicycle boulevard on J Street from N 3rd Street to S 27th Street, along with improved east-west bicycle connections via 6th Avenue, S 11th Street, Earnest S Brazill Street, S 17th Street, and S 18th Street, to facilitate access to Sound Transit's Hilltop Tacoma Link light rail and the Hilltop Business District (City of Tacoma 2023a).
69	Water Flume Line Trail Phase III	Tacoma	Construction scheduled to begin in August 2024, estimated completion in December 2025	Construct trail along S Tacoma Way between South M Street and S Pine Street. This project will include ADA-compliant curb ramps; new storm drains; pedestrian crossing markers; traffic signal upgrades, including enhanced pedestrian safety; and trail user amenities, including pedestrian-level lighting; signs; and Pierce Transit bus stop pads. Phase 3 may be constructed between South M Street to Sprague Avenue and Sprague Avenue to S Pine Street as two separate phases (City of Tacoma 2023a).
70	I-5 – SR 16 Realignment HOV Structure and Connections	Tacoma	Completed in 2019	Construction of HOV lanes and direct-access ramps at I-5/SR 16 Nalley Valley interchange (WSDOT 2019).
Planning Projects				
–	Tideflats Interim Regulations	Tacoma	Ordinance adopted November 2021	The City is reviewing a continuation of limitations on residential encroachment on the Port Tideflats, limitations on new high-risk/high-impact uses, and limitations on new non-industrial uses within the Port Tideflats (City of Tacoma 2023c).

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

SUPPORTING INFORMATION FOR OTHER TECHNICAL ANALYSIS

Appendix H

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

POTENTIALLY AFFECTED PARCELS

Appendix H1

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

APPENDIX H1 POTENTIALLY AFFECTED PARCELS

1 PARCELS POTENTIALLY AFFECTED FOR THE BUILD ALTERNATIVE

All TDLE alternatives would permanently affect public and private property for track and station right-of-way as well as transit integration, road realignment, staging, and mitigation. This appendix lists likely property acquisitions based on current conceptual designs and the existing conditions at the time the analysis was conducted. The properties listed and mapped in this appendix should not be interpreted as the final determination regarding property acquisitions because the list will be updated as the project design is refined. Accordingly, the number and type of displacements could vary between what is disclosed in this Draft Environmental Impact Statement (EIS) and what is ultimately required. For example, currently vacant properties might be developed between the publication date of this EIS and the beginning of project construction.

There are two types of potential affected properties reported in the table and maps:

- **Partial acquisition** – A portion of a parcel would be permanently acquired, but the current use would likely not be displaced. In some instances, such as larger parcels that hold multiple uses, a business or residential unit on a parcel could be displaced while other uses remain.
- **Full acquisition** – The entire parcel would be permanently acquired, and all current uses would be displaced. In some instances, full acquisitions include parcels that may not be needed for the project but would be affected to the extent that current uses would be substantially impacted.

Please note that the information in Tables H1-1 to H1-6 does not identify whether or not a property is a partial or full acquisition. The tables identify whether or not a property is affected for a particular alternative, which provides for comparison of the different alternatives. Figures H1-1 to H1-94 illustrate the permanent project footprint. During final design, the scope of impacts may or may not change. In addition to the potential property acquisitions described, the project would also require aerial and utility easements as well as temporary construction easements and use of public rights-of-way not listed here.

Table H1-1 TDLE Federal Way Segment Potential Acquisitions

Map I.D.	King County Parcel I.D.	Address	Preferred FW Enchanted Parkway	Preferred FW Enchanted Parkway with Design Option
1064	7622400019	2201 S COMMONS	**Affected**	**Affected**
1074	7622400020	32320 23RD AVE S	**Affected**	**Affected**
1075	7978200526	NA	**Affected**	**Affected**
1077	7622400021	NA	Not Affected	**Affected**
1100	162104UNKN	2101 S 324TH ST	Not Affected	**Affected**
1110	1621049037	2101 S 324TH ST	**Affected**	**Affected**
1241	7978200260	NA	**Affected**	**Affected**
1330	2121049003	33652 20TH AVE S	**Affected**	**Affected**
1391	2121049028	NA	**Affected**	**Affected**

Table H1-2 TDLE South Federal Way Segment Potential Acquisitions in King County

Map I.D.	King County Parcel I.D.	Address	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East
1431	2121049088	N/A	**Affected**	Not Affected	**Affected**	**Affected**
1440	2121049010	34520 16TH AVE S	**Affected**	Not Affected	**Affected**	**Affected**
1465	2121049012	1610 S 347TH PL	Not Affected	Not Affected	**Affected**	**Affected**
1478	2121049077	34726 16TH AVE S	**Affected**	Not Affected	**Affected**	**Affected**
1480	2121049078	1688 S 348TH ST	**Affected**	Not Affected	**Affected**	**Affected**
1497	1852950120	34919 ENCHANTED PKWY S	**Affected**	Not Affected	**Affected**	**Affected**
1498	2192600570	34900 ENCHANTED PKWY S	**Affected**	Not Affected	**Affected**	**Affected**
1500	1852950010	1405 S 348TH ST	**Affected**	Not Affected	**Affected**	**Affected**
1512	1852950020	35007 ENCHANTED PKWY S	**Affected**	Not Affected	**Affected**	**Affected**
1542	1852950030	35025 ENCHANTED PKWY S	**Affected**	Not Affected	**Affected**	**Affected**
1548	1852950040	35105 ENCHANTED PKWY S	**Affected**	Not Affected	**Affected**	**Affected**
1553	2192600180	35100 ENCHANTED PKWY S	Not Affected	**Affected**	Not Affected	Not Affected
1560	2021049116	1393 S 351ST ST	**Affected**	Not Affected	**Affected**	**Affected**
1577	2921049048	35200 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	**Affected**
1579	2921049096	35205 ENCHANTED PKWY S	**Affected**	Not Affected	**Affected**	**Affected**
1581	2821049008	1715 S 352ND ST	Not Affected	**Affected**	Not Affected	Not Affected
1582	2921049158	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1583	2921049002	1200 S 356TH ST	Not Affected	Not Affected	**Affected**	**Affected**
1584	2921049049	1220 S 356TH ST	Not Affected	Not Affected	**Affected**	**Affected**
1586	2921049159	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1588	2921049125	35400 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	**Affected**
1590	2921049077	35425 ENCHANTED PKWY S	**Affected**	Not Affected	Not Affected	Not Affected
1591	2921049160	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1592	2500700020	N/A	Not Affected	**Affected**	Not Affected	Not Affected
1594	2921049003	35516 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	**Affected**
1595	2821049113	N/A	Not Affected	**Affected**	Not Affected	Not Affected
1596	2921049127	35505 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1597	2821049112	N/A	Not Affected	**Affected**	Not Affected	Not Affected
1599	2921049090	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1601	2821049146	N/A	Not Affected	**Affected**	Not Affected	Not Affected
1602	2821049125	1712 S 356TH ST	Not Affected	**Affected**	Not Affected	Not Affected
1604	2921049099	N/A	Not Affected	Not Affected	Not Affected	**Affected**

Table H1-2 TDLE South Federal Way Segment Potential Acquisitions in King County (continued)

Map I.D.	King County Parcel I.D.	Address	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East
1605	2821049172	35610 ENCHANTED PKWY S	Not Affected	**Affected**	Not Affected	Not Affected
1606	2921049039	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1607	2821049178	1741 S 356TH ST	Not Affected	**Affected**	Not Affected	Not Affected
1608	2921049052	35620 PACIFIC HWY S	Not Affected	Not Affected	Not Affected	**Affected**
1610	2921049092	N/A	**Affected**	Not Affected	Not Affected	Not Affected
1611	2821049077	35620 ENCHANTED PKWY S	Not Affected	**Affected**	Not Affected	Not Affected
1614	2921049075	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1617	2921049064	35717 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1618	2821049069	35700 ENCHANTED PKWY S	Not Affected	**Affected**	Not Affected	Not Affected
1619	2921049006	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1620	2921049051	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1621	2921049102	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1622	2821049070	35810 16TH AVE S	**Affected**	**Affected**	Not Affected	Not Affected
1633	2921049038	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1640	2921049020	35929 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1641	2921049088	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1648	2921049104	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1651	2821049135	1635 S 359TH ST	**Affected**	Not Affected	Not Affected	Not Affected
1658	2821049132	1649 S 359TH ST	**Affected**	**Affected**	Not Affected	Not Affected
1663	2821049009	N/A	**Affected**	Not Affected	Not Affected	Not Affected
1666	2921049087	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1667	2821049013	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1669	2921049080	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1670	2821049107	36028 16TH AVE S	**Affected**	**Affected**	Not Affected	Not Affected
1672	2921049026	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1674	2921049157	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1675	2821049109	36200 16TH AVE S	**Affected**	**Affected**	Not Affected	Not Affected
1676	2921049021	36317 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	**Affected**
1677	2921049153	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1687	2921049024	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1688	2921049028	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1691	2921049074	36605 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected

Table H1-2 TDLE South Federal Way Segment Potential Acquisitions in King County (continued)

Map I.D.	King County Parcel I.D.	Address	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East
1696	2921049023	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1702	2921049044	36606 PACIFIC HWY S	Not Affected	Not Affected	Not Affected	**Affected**
1706	3221049016	36815 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1709	3221049093	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1716	3221049095	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1717	3221049078	36903 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1719	3221049149	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1722	3221049099	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1724	3221049094	36928 PACIFIC HWY S	Not Affected	Not Affected	Not Affected	**Affected**
1731	3221049080	37006 12TH AVE S	**Affected**	**Affected**	Not Affected	Not Affected
1735	3221049084	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1741	3221049049	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1743	3221049083	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1754	3221049072	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1765	3221049107	37205 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1772	3221049055	N/A	Not Affected	Not Affected	Not Affected	**Affected**
1776	3221049121	1021 S 372ND WAY	Not Affected	**Affected**	Not Affected	Not Affected
1781	3221049046	N/A	Not Affected	Not Affected	**Affected**	Not Affected
1799	3221049087	215 S 373RD ST	Not Affected	Not Affected	**Affected**	**Affected**
1808	2188204205	37405 PACIFIC HWY S	Not Affected	Not Affected	**Affected**	Not Affected
1819	2188204245	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1821	2188204285	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1831	3221049070	37540 8TH AVE S	**Affected**	**Affected**	Not Affected	Not Affected
1833	2188204520	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1835	2188204490	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1838	2188204480	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1839	2188204455	N/A	Not Affected	Not Affected	**Affected**	**Affected**
1841	3221049106	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1927	3221049034	N/A	**Affected**	**Affected**	Not Affected	Not Affected
1933	3221049057	N/A	**Affected**	**Affected**	Not Affected	Not Affected

Table H1-3 TDLE South Federal Way Segment Potential Acquisitions in Pierce County

Map I.D.	Pierce County Parcel I.D.	Address	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-West with Porter Way Design Option	SF 99-East	SF 99-East with Porter Way Design Option
3003	421314133	8507 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3007	421314030	8425 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3009	421314125	8411 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3012	421314031	8323 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3016	421314032	8211 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**
3019	421314039	6911 JOHNSON RD NE	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected
3021	421314041	8217 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3022	421314096	8220 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected
3023	421314009	8209 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3024	421314046	8116 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected
3026	421314067	8117 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**
3027	421314068	8112 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**
3028	421314055	8111 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3029	421314122	8025 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3030	421314012	8110 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3031	421314131	8016 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3032	420061087	8011 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	Not Affected
3033	420056002	7916 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3034	420056001	7916 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3035	420061029	7909 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	Not Affected
3039	420052044	300 BIRCH ST	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected	Not Affected
3040	420052045	320 BIRCH ST	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected	Not Affected
3042	420052037	7900 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**
3049	420052039	XXX BIRCH ST	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3050	420061147	XXX PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	Not Affected	Not Affected
3051	420052005	7808 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**

Table H1-3 TDLE South Federal Way Segment Potential Acquisitions in Pierce County (continued)

Map I.D.	Pierce County Parcel I.D.	Address	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-West with Porter Way Design Option	SF 99-East	SF 99-East with Porter Way Design Option
3053	420061145	XXX PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	**Affected**
3058	420052026	7802 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**
3061	420061146	XXX PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	Not Affected
3064	420061081	7721 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	Not Affected
3078	420052007	7720 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3089	420061106	7715 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3090	420052035	7708 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**
3094	420061054	222 TO 224 70TH AV E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3098	420052053	7700 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**
3107	420061075	304 70TH AV E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3108	420056003	7607 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3111	420052054	7608 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3112	420052030	7700 PACIFIC HWY E	**Affected**	**Affected**	Not Affected	**Affected**	Not Affected	**Affected**
3123	420052042	XXX I5 HWY S	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**
3124	420052041	7608 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3128	5990000551	XXX I5 HWY S	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**
3129	420056009	7404 PACIFIC HWY E	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3141	420056005	XXX PORTER WY	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3145	5990000520	302 PORTER WY	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**
3153	420056010	296 PORTER WY	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	Not Affected
3180	420056006	XXX PORTER WY	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected
3197	420052055	301 PORTER WY	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3210	420052056	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3238	420053048	7224 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3240	420057003	7220 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3241	420057004	7200 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**

Table H1-3 TDLE South Federal Way Segment Potential Acquisitions in Pierce County (continued)

Map I.D.	Pierce County Parcel I.D.	Address	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-West with Porter Way Design Option	SF 99-East	SF 99-East with Porter Way Design Option
3243	420057005	7110 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3244	420057006	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3245	420057007	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3246	420057008	7110 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3247	420053075	7100 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3259	420053076	7100 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3290	420064062	6912 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3367	6025220360	TRACTS	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3380	420064206	6723 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**

Table H1-4 TDLE Fife Segment Potential Acquisitions

Map I.D.	Pierce County Parcel I.D.	Address	Fife Pacific Highway	Fife Pacific Highway with 54th Avenue Design Option	Fife Pacific Highway with 54th Avenue Span Design Option	Fife Median	Fife Median with 54th Avenue Design Option	Fife Median with 54th Avenue Span Design Option	Fife I-5	Fife I-5 with 54th Avenue Design Option	Fife I-5 with 54th Avenue Span Design Option
3395	420064040	6717 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3415	2750000100	1415 67TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3439	2750000040	1414 67TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3459	420064113	6519 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3509	420064188	1415 62ND AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3516	420064123	6304 12TH ST E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3522	420064025	1403 62ND AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3535	420064023	1305 62ND AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3537	420064024	1309 62ND AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3558	420063016	1310 62ND AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3571	420063025	6130 12TH ST E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3591	420063080	5959 PACIFIC HWY E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3592	420063097	1208 59TH AV E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3593	420063058	1305 59TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3594	420063056	1315 59TH AV E	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**
3595	420063088	5959 PACIFIC HWY E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3598	420063051	XXX 59TH AVCT E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3610	420063096	1208 59TH AV E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3611	420063095	1208 59TH AV E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3612	420063068	1224 59TH AV E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3615	420063070	XXX 59TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3629	420063110	5802 12TH ST E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3647	420063107	1317 54TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3663	420063012	5410 12TH ST E	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3668	420067011	1321 54TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3682	420067019	1307 54TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3689	9315000070	1409 54TH AV E	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**
3693	320018018	1414 54TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3698	320018002	5308 12TH ST E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3700	320014106	1334 54TH AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3710	320018003	5224 12TH ST E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3721	320014037	1327 52ND AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3722	320018004	5210 12TH ST E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3724	320014108	1334 54TH AVE E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3730	320014084	XXX 12TH ST E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3732	320014109	XXX 54TH AVE E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**
3740	320014032	5121 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3748	320014096	5119 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3756	320018016	5115 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3757	320018015	5017 PACIFIC HWY E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3760	320014010	XXX 12TH ST E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3768	320014026	5011 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3772	320014020	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3775	320125017	5002 PACIFIC HWY E	Not Affected	**Affected**	Not Affected	Not Affected	**Affected**	Not Affected	**Affected**	**Affected**	**Affected**
3783	320121127	UNDETERMINED SITUS	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	Not Affected	Not Affected
3784	320121032	4912 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3786	320018008	4910 PACIFIC HWY E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3789	320014075	5013 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3797	320121128	4902 PACIFIC HWY E	Not Affected	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
3814	8905000850	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3817	320018005	4802 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected

Table H1-4 TDLE Fife Segment Potential Acquisitions (continued)

Map I.D.	Pierce County Parcel I.D.	Address	Fife Pacific Highway	Fife Pacific Highway with 54th Avenue Design Option	Fife Pacific Highway with 54th Avenue Span Design Option	Fife Median	Fife Median with 54th Avenue Design Option	Fife Median with 54th Avenue Span Design Option	Fife I-5	Fife I-5 with 54th Avenue Design Option	Fife I-5 with 54th Avenue Span Design Option
3834	8905000700	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3839	320014090	XXX WILLOW RD E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3849	320121083	4650 16TH ST E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3866	320014061	4716 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3868	320121084	XXX 16TH ST E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3888	320125002	4630 16TH ST E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3900	320014081	4600 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3903	320013112	XXX 16TH ST E	**Affected**	**Affected**	Not Affected	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3906	320013139	4500 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3915	320013140	4420 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3919	320122028	4600 16TH ST E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3933	320013141	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3947	320013136	4310 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3950	320122036	1701 ALEXANDER AV E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3964	320013135	4306 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3973	320126021	1700 ALEXANDER AV E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3981	320126020	1700 ALEXANDER AV E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3984	320017019	1601 40TH AVCT E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3988	320126019	1708 40TH AVCT E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
3991	320017013	1602 40TH AVCT E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
3999	320013125	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4000	320122050	3914 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
4005	320122071	3812 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4007	320122045	3812 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
4011	320013089	3801 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4015	320013124	3700 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4018	320024086	3700 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4028	320024085	3516 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4030	320111049	3520 PACIFIC HWY E	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	Not Affected	**Affected**	**Affected**	**Affected**
4032	320024106	3518 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4047	320111067	3410 PACIFIC HWY S	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
4050	320024105	3408 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4067	320024104	3402 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4073	320024054	XXX PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	Not Affected	Not Affected	Not Affected
4113	320112046	2950 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
4121	320112045	2820 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
4127	320112044	2802 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
4130	320116003	2614 PACIFIC HWY E	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**
4171	320112020	XXX I5 HWY N	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**	**Affected**

Table H1-5 TDLE Tacoma Segment Potential Acquisitions

Map I.D.	Pierce County Parcel I.D.	Address	Preferred Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street
4433	2076270010	XXX E 26th Street	Not Affected	**Affected**	Not Affected	**Affected**
4447	2076260030	2620 East G Street	Not Affected	Not Affected	Not Affected	**Affected**
4192	4715023600	1901 Puyallup Avenue	**Affected**	**Affected**	**Affected**	**Affected**
4280	4715011101	1425 E 27th Street	**Affected**	**Affected**	**Affected**	**Affected**
4315	4715010800	XXX E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4322	4715010790	1301 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4329	4715010780	1301 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4363	2076350050	1119 to 1121 E 26th Street	Not Affected	Not Affected	**Affected**	Not Affected
4369	2076350040	1111 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4375	2076350031	1109 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4379	2076350010	1101 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4349	4715010590	1211 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4350	2075380010	1202 E 25th Street	Not Affected	Not Affected	Not Affected	**Affected**
4355	2075370010	1201 E 25th Street	**Affected**	Not Affected	Not Affected	Not Affected
4365	2075350040	1115 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4373	2075360011	XXX E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4374	2075350030	1115 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4381	2075350010	1115 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4389	2074340020	1001 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4394	2075340011	XXX E 25th Street	Not Affected	**Affected**	Not Affected	Not Affected
4401	2074340010	1001 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4404	2075310012	925 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4415	2075310011	XXX E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4416	2075290020	811 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4419	2076300010	808 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4423	2075290010	801 E 25th Street	**Affected**	**Affected**	Not Affected	Not Affected
4429	2076280020	718 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4453	2076260011	2601 East F Street	Not Affected	Not Affected	Not Affected	**Affected**
4469	2078211001	2727 East D Street	Not Affected	Not Affected	Not Affected	**Affected**
4471	2076240011	2611 East E Street	Not Affected	Not Affected	Not Affected	**Affected**
4487	2078211001	2727 East D Street	Not Affected	Not Affected	Not Affected	**Affected**
4493	2075210034	415 E 25th Street	**Affected**	Not Affected	Not Affected	Not Affected
4495	2076210030	411 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4500	2077210010	401 E 27th Street	Not Affected	Not Affected	Not Affected	**Affected**
4501	2076210020	409 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**

Table H1-5 TDLE Tacoma Segment Potential Acquisitions (continued)

Map I.D.	Pierce County Parcel I.D.	Address	Preferred Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street
4504	2076220011	402 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4505	2075210020	405 E 25th Street	**Affected**	Not Affected	Not Affected	Not Affected
4507	2076210010	401 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4510	2075210010	401 E 25th Street	**Affected**	Not Affected	Not Affected	Not Affected
4515	2076200070	324 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4517	2076200060	324 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4525	2076200041	314 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4532	2076200030	308 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4538	2076200020	306 E 26th Street, Unit A B	Not Affected	Not Affected	Not Affected	**Affected**
4542	2076200010	302 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4555	2076170050	223 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4558	2076170040	219 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4559	2076180030	216 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4566	2076170030	213 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4569	2076170020	209 E 26th Street	Not Affected	Not Affected	Not Affected	**Affected**
4230	4715011411	2650 E Bay Street	**Affected**	**Affected**	**Affected**	**Affected**
4242	4715011400	2610 E Bay Street	**Affected**	**Affected**	**Affected**	**Affected**
4245	4715011171	2610 E Bay Street	**Affected**	**Affected**	**Affected**	**Affected**
4252	4715011390	2603 E Portland Avenue	**Affected**	**Affected**	**Affected**	**Affected**
4259	4715011142	2603 E Portland Avenue	**Affected**	**Affected**	**Affected**	**Affected**
4266	4715011001	1455 E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4269	4715010981	1453 E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4273	4715010970	1445 E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4293	4715010811	1427 E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4393	2076330010	1001 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4408	2076310010	923 E 26 Street	Not Affected	**Affected**	**Affected**	**Affected**
4420	2076290010	801 E 26th Street	Not Affected	Not Affected	**Affected**	**Affected**
4435	2074280020	716 Puyallup Avenue	**Affected**	**Affected**	**Affected**	Not Affected
4437	2075270010	725 E 25th Street	**Affected**	**Affected**	**Affected**	Not Affected
4443	2074280010	704 Puyallup Avenue	**Affected**	**Affected**	**Affected**	Not Affected
4452	2076250090	XXX E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4454	2076250080	XXX E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4456	2076250051	609 E 26th Street	**Affected**	**Affected**	**Affected**	**Affected**
4457	2076250052	XXX E 26th Street	**Affected**	Not Affected	**Affected**	Not Affected
4459	2076250030	601 E 26th Street	**Affected**	Not Affected	**Affected**	Not Affected

Table H1-5 TDLE Tacoma Segment Potential Acquisitions (continued)

Map I.D.	Pierce County Parcel I.D.	Address	Preferred Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street
4461	2075240013	602 E 25th Street	Not Affected	Not Affected	**Affected**	Not Affected
4463	2076250011	601 E 25th Street	**Affected**	Not Affected	**Affected**	Not Affected
4476	2075240011	430 E 25th Street	Not Affected	Not Affected	**Affected**	**Affected**
4506	2075220021	2501 East D Street	Not Affected	Not Affected	**Affected**	**Affected**
4530	2075200011	XXX E 25th Street	Not Affected	Not Affected	**Affected**	**Affected**
–	–	Puyallup River	**Affected**	**Affected**	**Affected**	**Affected**

Table H1-6 TDLE Tacoma Segment Potential Acquisitions for Optional Portland Avenue Bike and Pedestrian Bridge

Map I.D.	Pierce County Parcel I.D.	Address	East Option	West Option
4201	4715012344	1811 E 29th Street	**Affected**	Not Affected
4203	4715012330	1811 E 29th Street	**Affected**	Not Affected
4204	4715012310	1807 E 29th Street	**Affected**	Not Affected
4209	4715012300	1801 E 29th Street	**Affected**	Not Affected
4219	4715012140	1653 E 29th Street	**Affected**	Not Affected
4220	4715011620	2808 East R Street	**Affected**	Not Affected
4221	4715011610	2802 East R Street	**Affected**	Not Affected
4223	4715012130	1651 E 29th Street	**Affected**	Not Affected
4254	4715012030	2811 E Portland Avenue	Not Affected	**Affected**
4257	4715011512	2809 E Portland Avenue	Not Affected	**Affected**
5000	4715012151	XXX E Portland Avenue	Not Affected	**Affected**
5001	4715012720	2919 E Portland Avenue	Not Affected	**Affected**

Note: Affected parcels and footprint for the optional Portland Avenue bike and pedestrian bridge are the same for all alternatives in the Tacoma Segment. This bridge is not currently funded.

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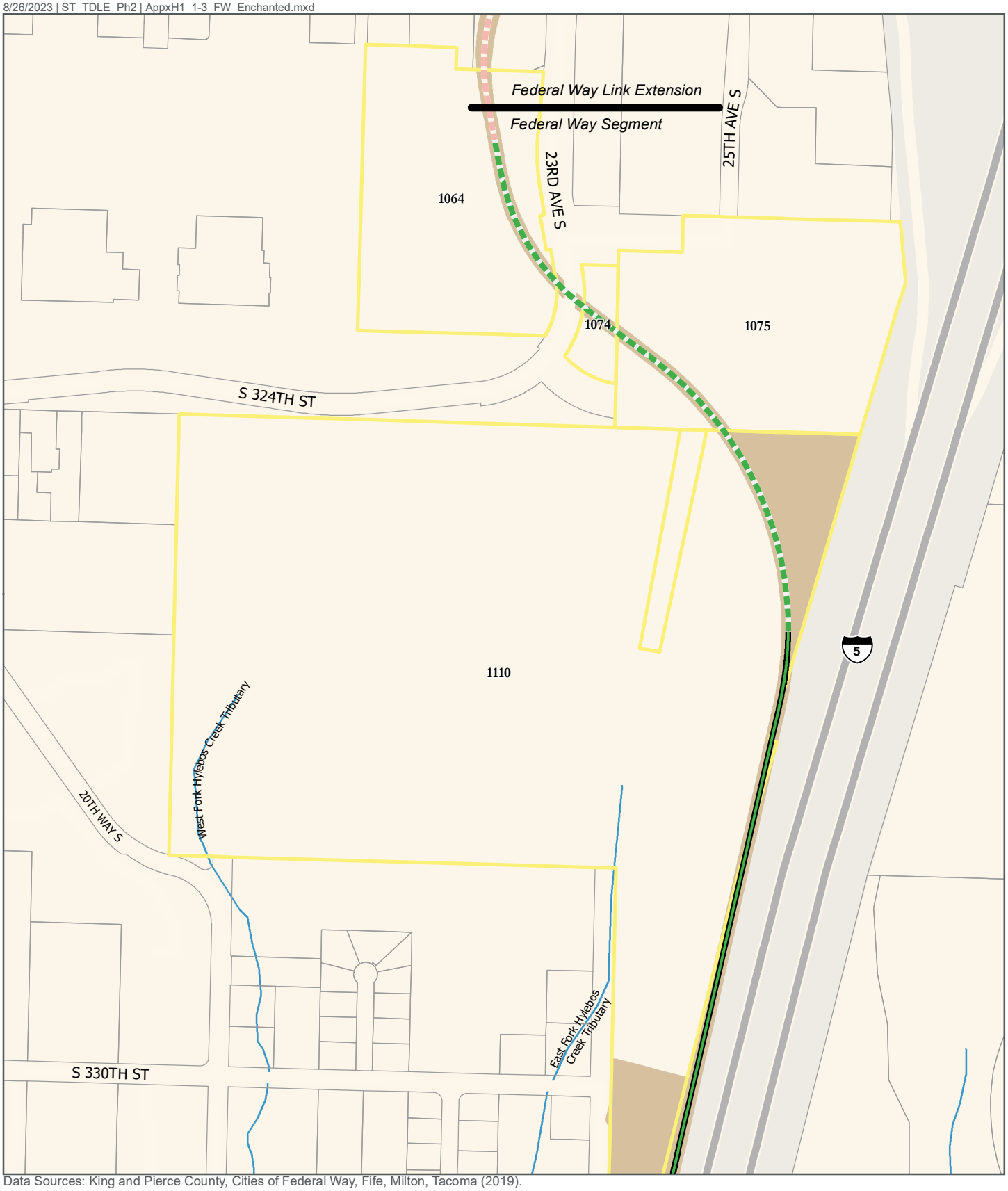

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

Preferred FW Enchanted Parkway

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-1

Preferred FW Enchanted Parkway Alternative
Affected Parcels
Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/26/2023 | ST_TDLE_Ph2 | AppxH1_1-3_FW_Enchanted.mxd

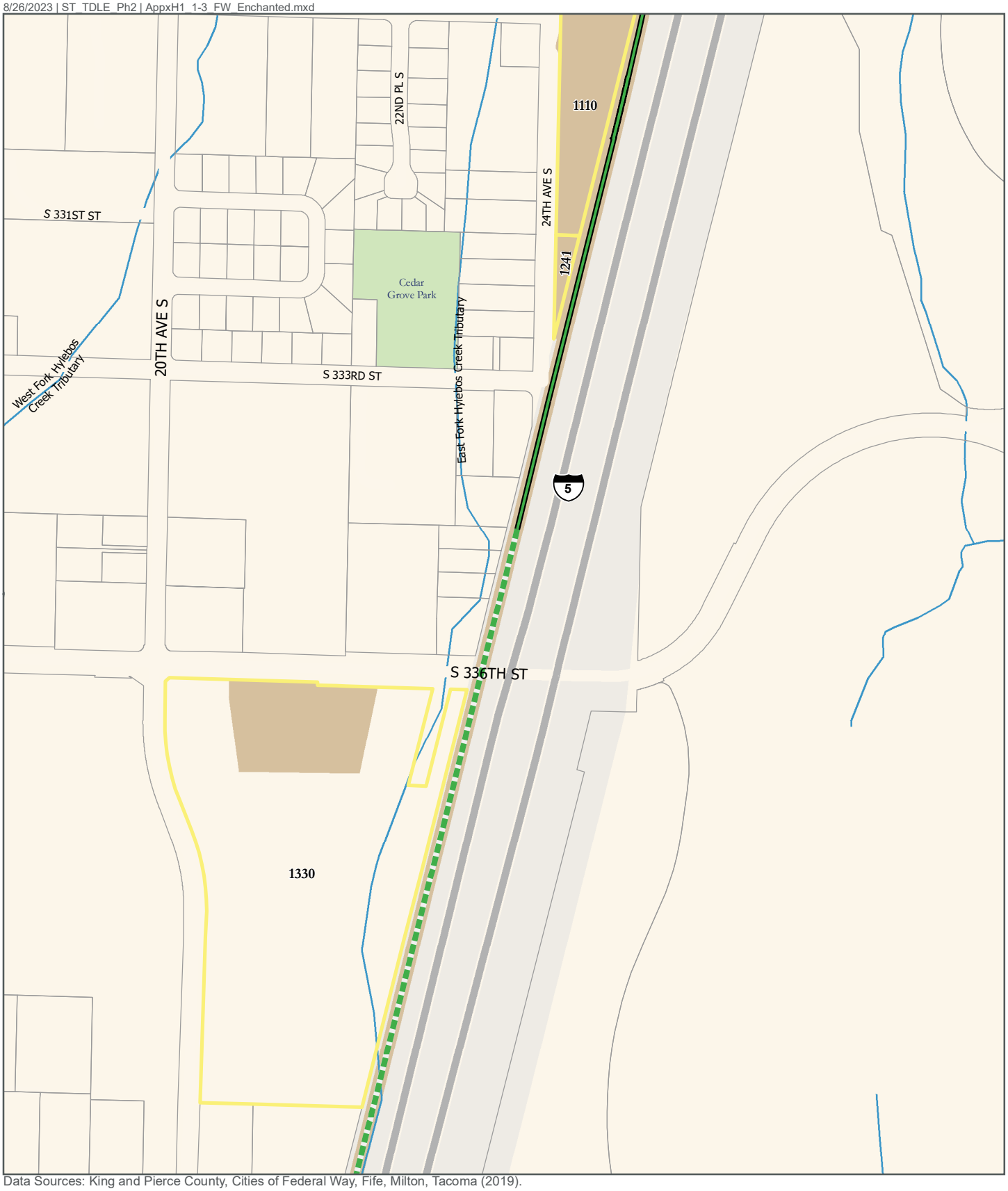

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

Preferred FW Enchanted Parkway

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-2

Preferred FW Enchanted Parkway Alternative
Affected Parcels
Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/26/2023 | ST_TDLE_Ph2 | AppxH1_1-3_FW_Enchanted.mxd

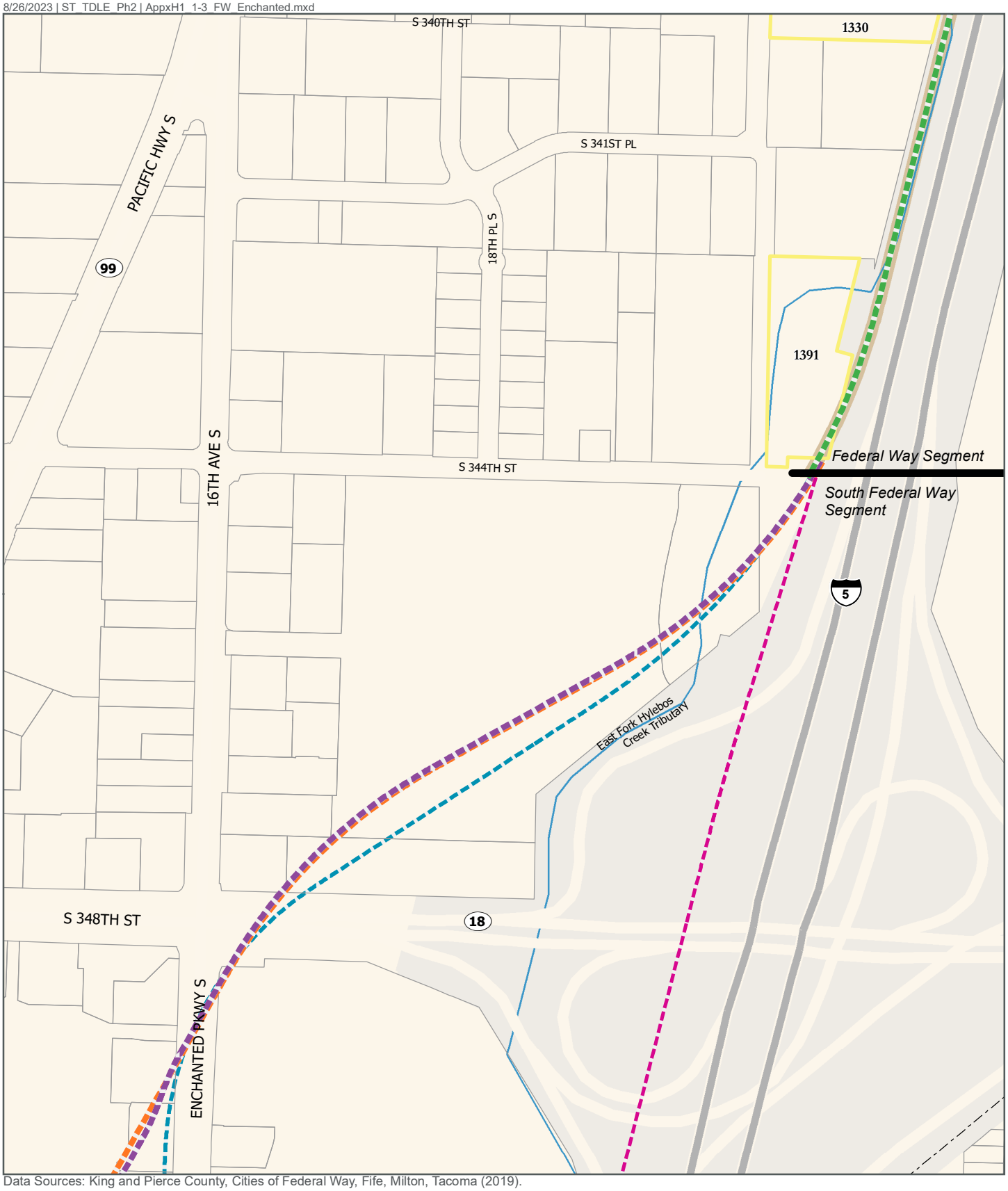

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Preferred FW Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-3

Preferred FW Enchanted Parkway Alternative
Affected Parcels
Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

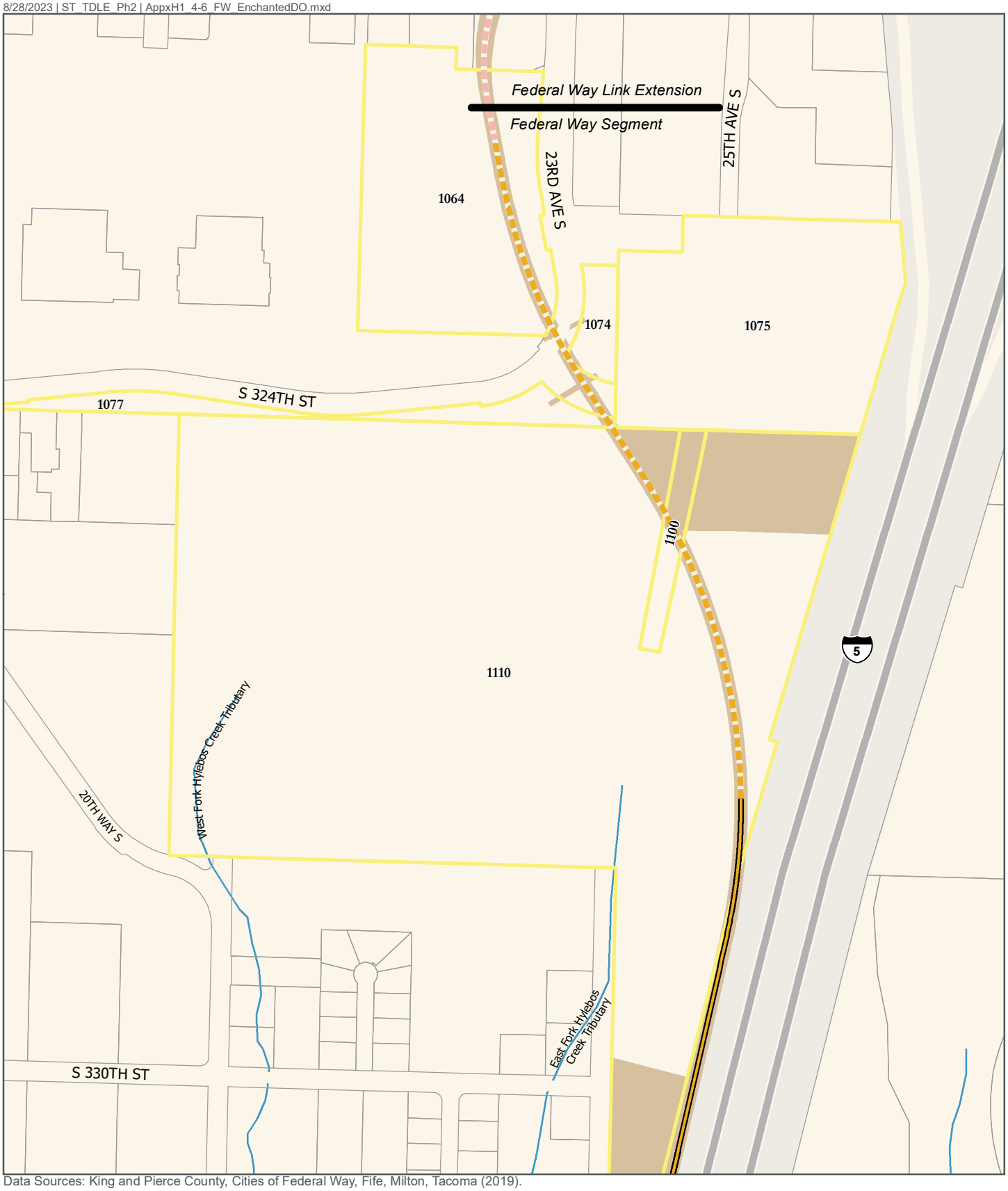

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Design Option
- Preferred FW Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-4

FW Enchanted Parkway with Design Option
Affected Parcels
Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

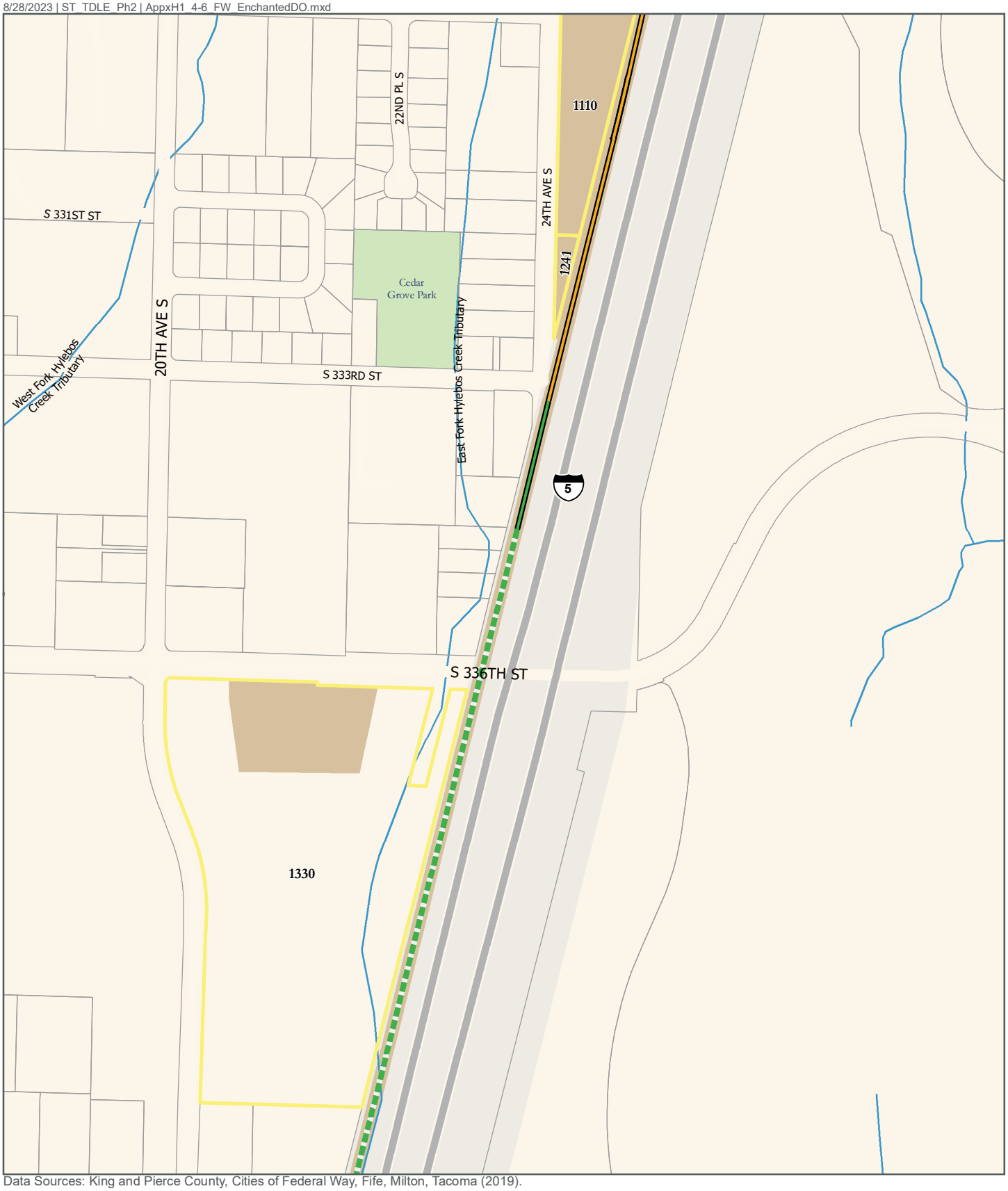

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Design Option
- Preferred FW Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-5

FW Enchanted Parkway with Design Option
Affected Parcels
Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/28/2023 | ST_TDLE_Ph2 | AppxH1_4-6_FW_EnchantedDO.mxd

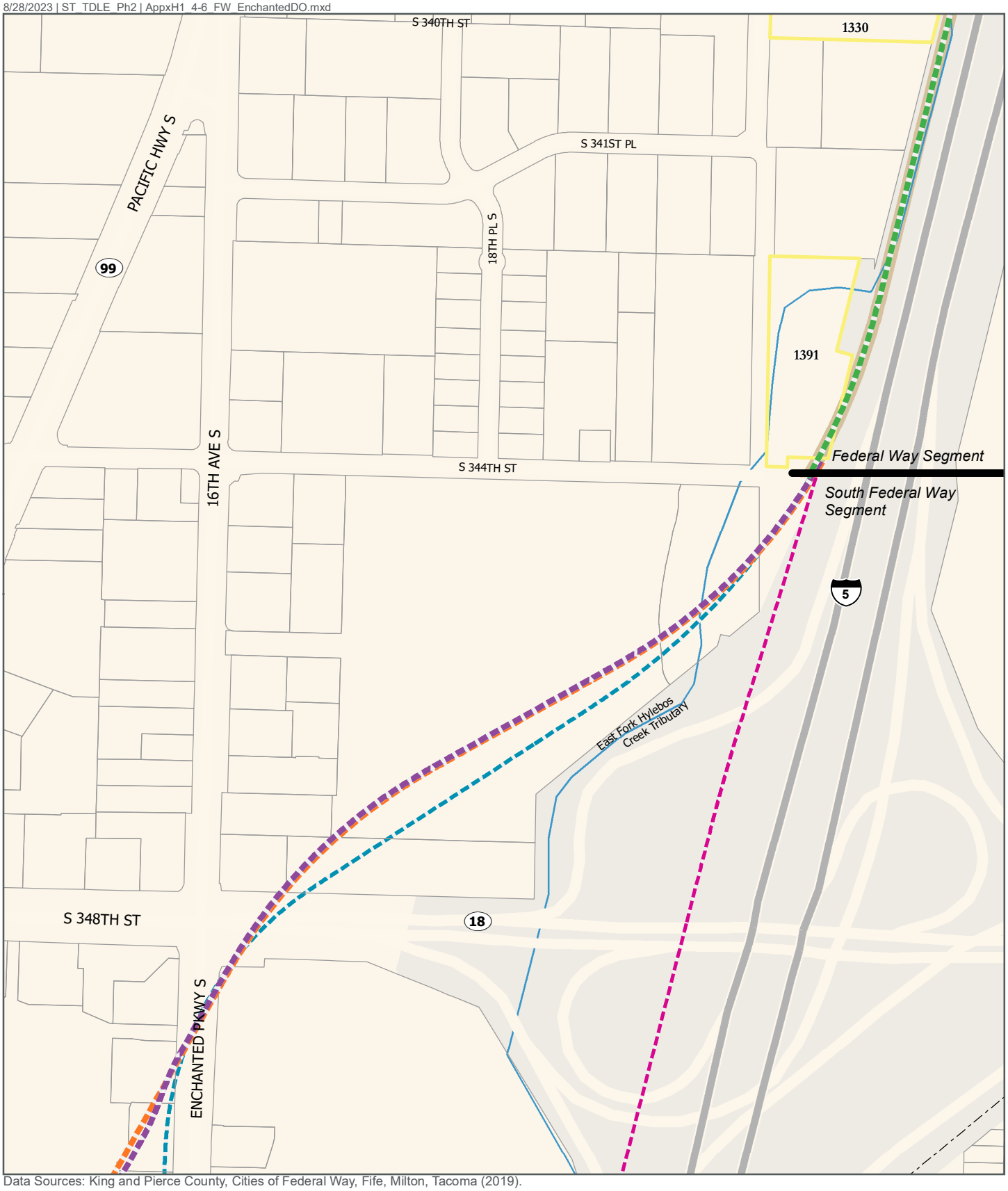

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Design Option
- Preferred FW Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-6

FW Enchanted Parkway with Design Option
Affected Parcels
Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

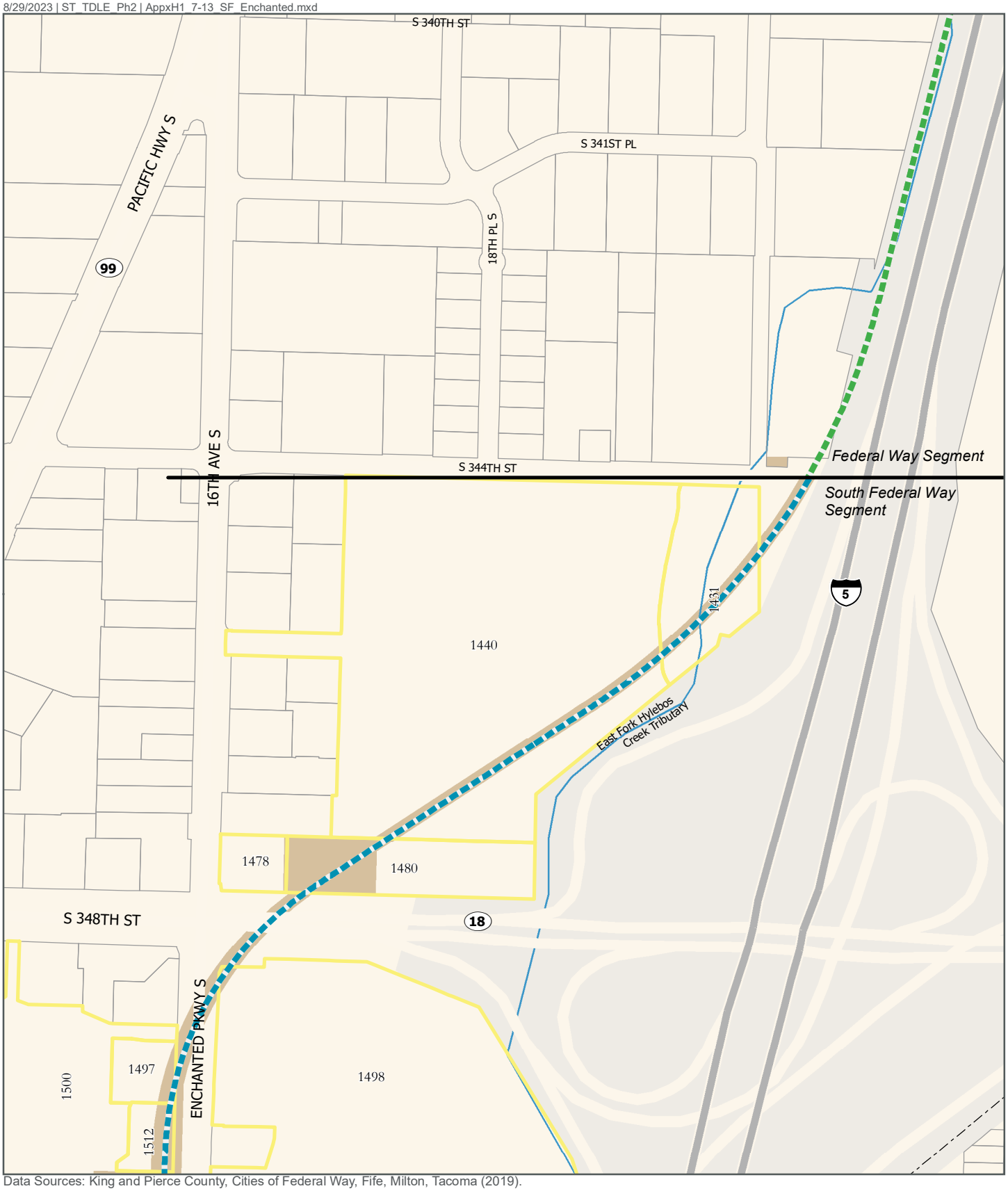

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-7

SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

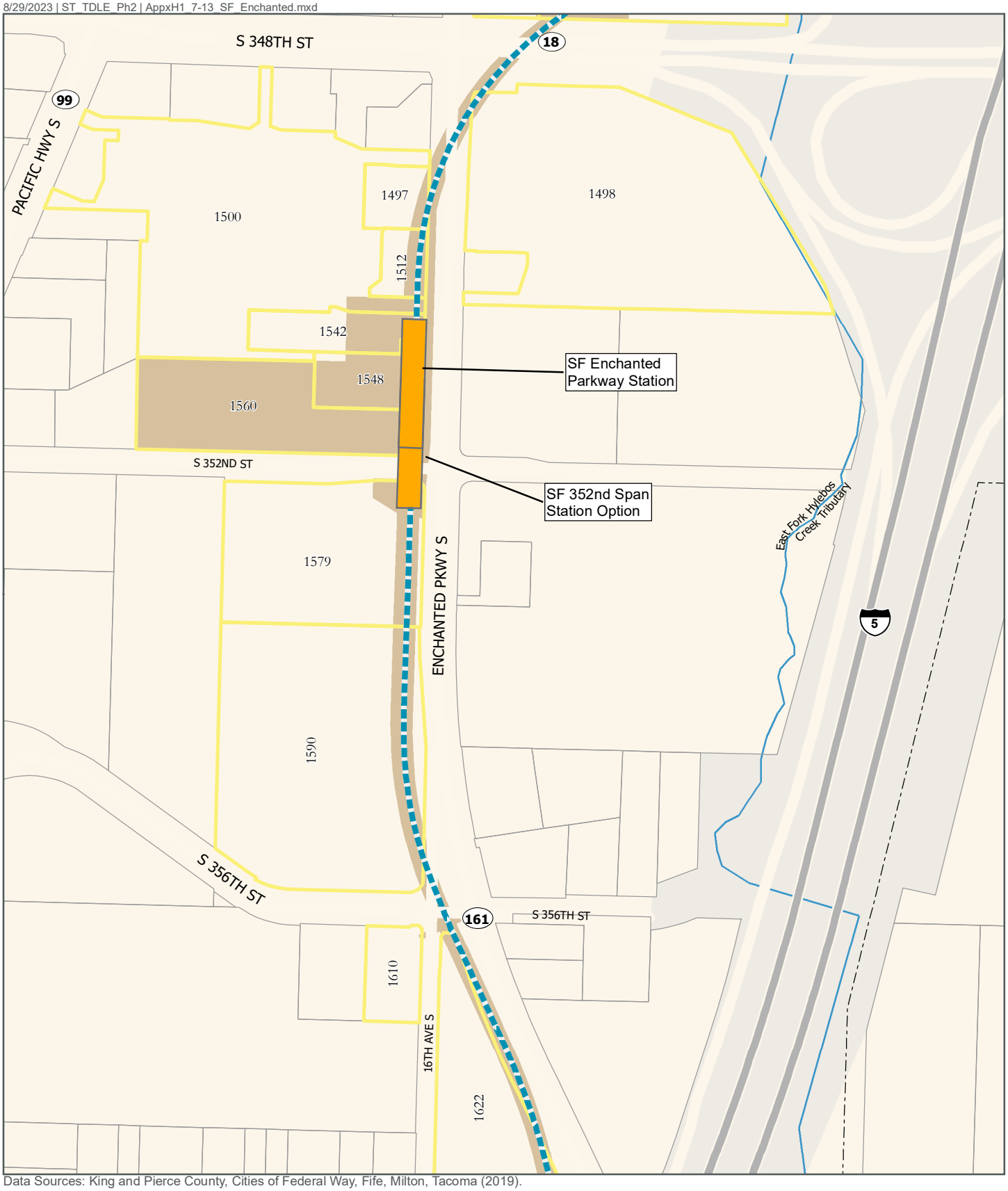

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-8

SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

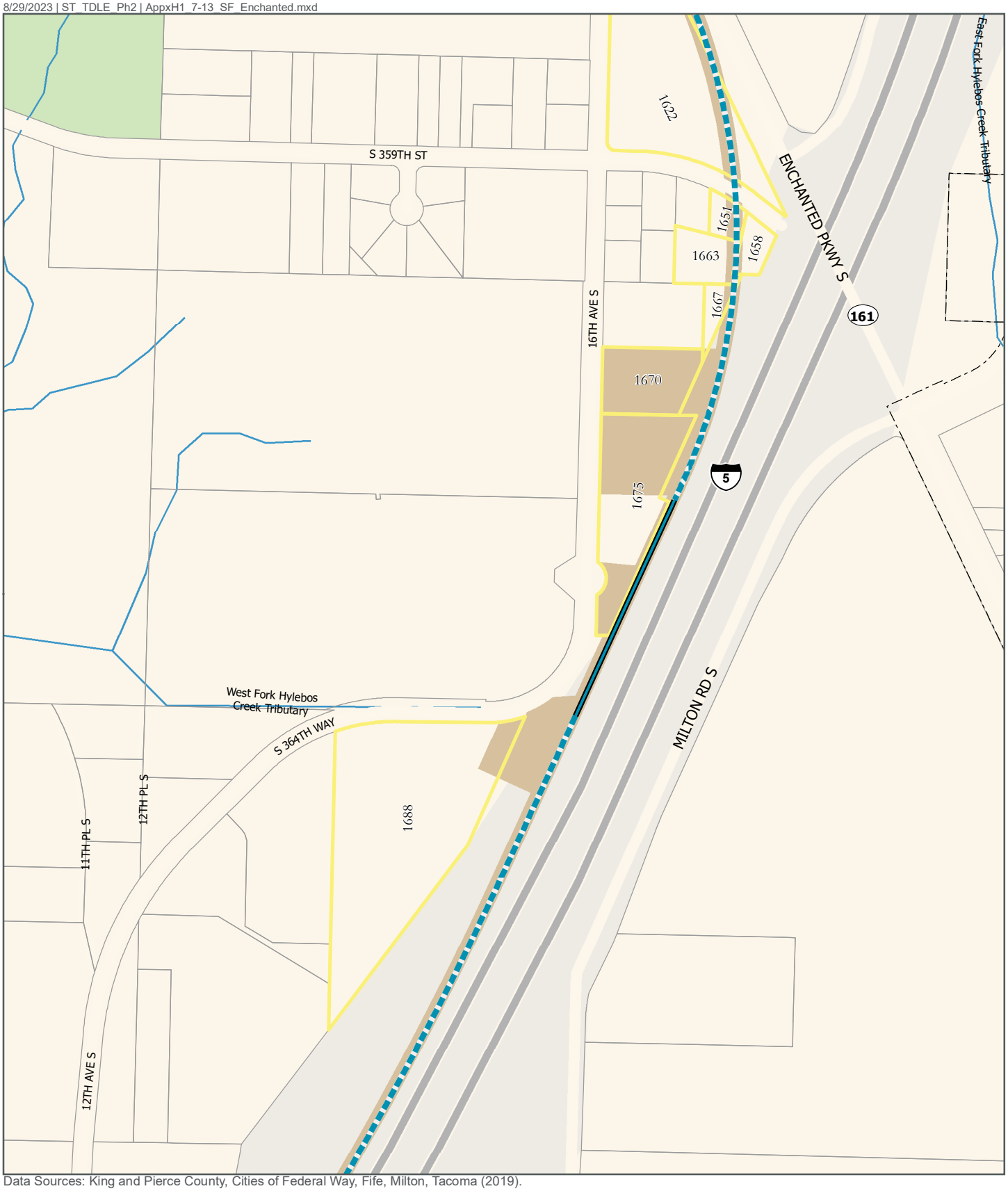

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-9

SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

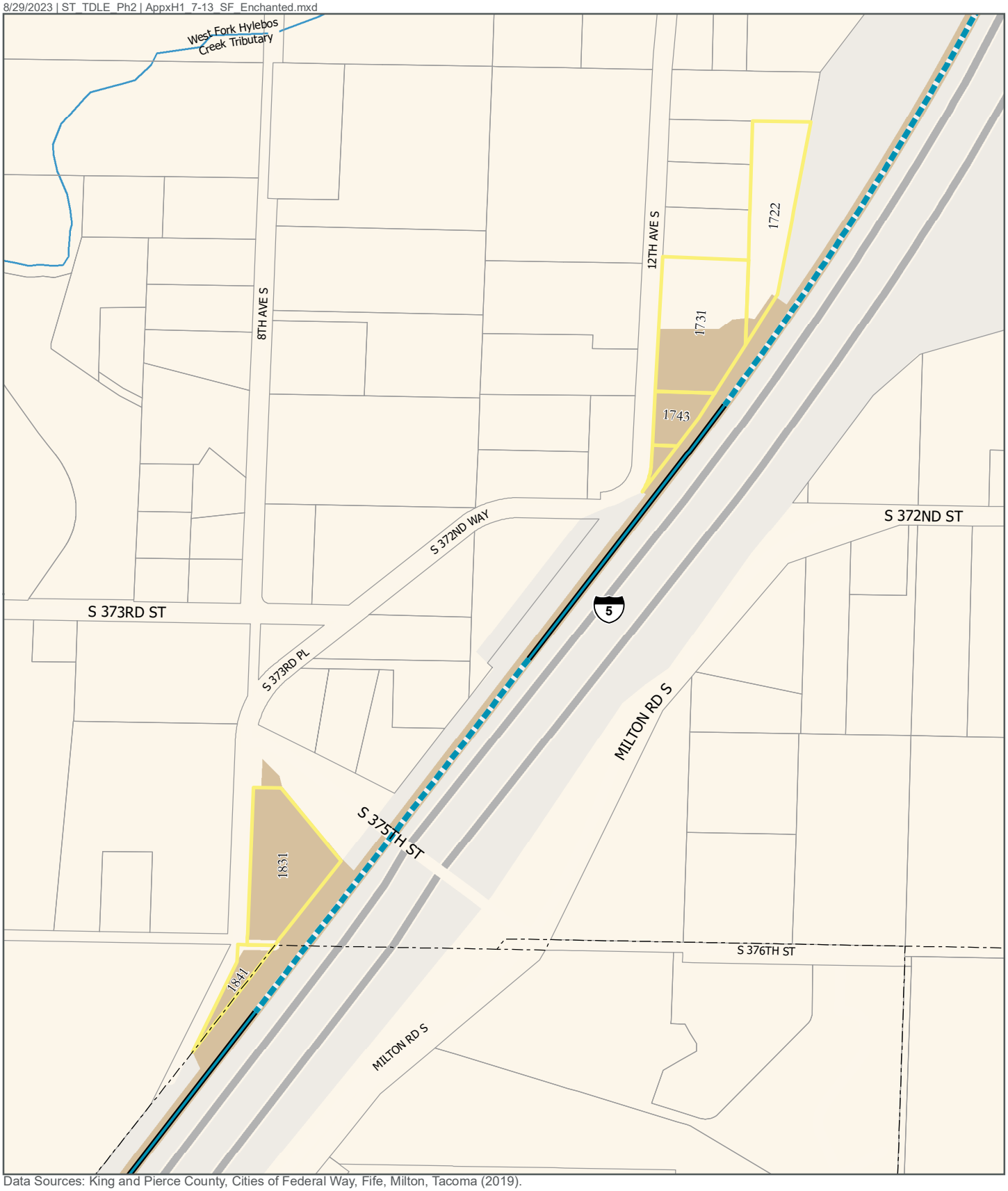

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-10

SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

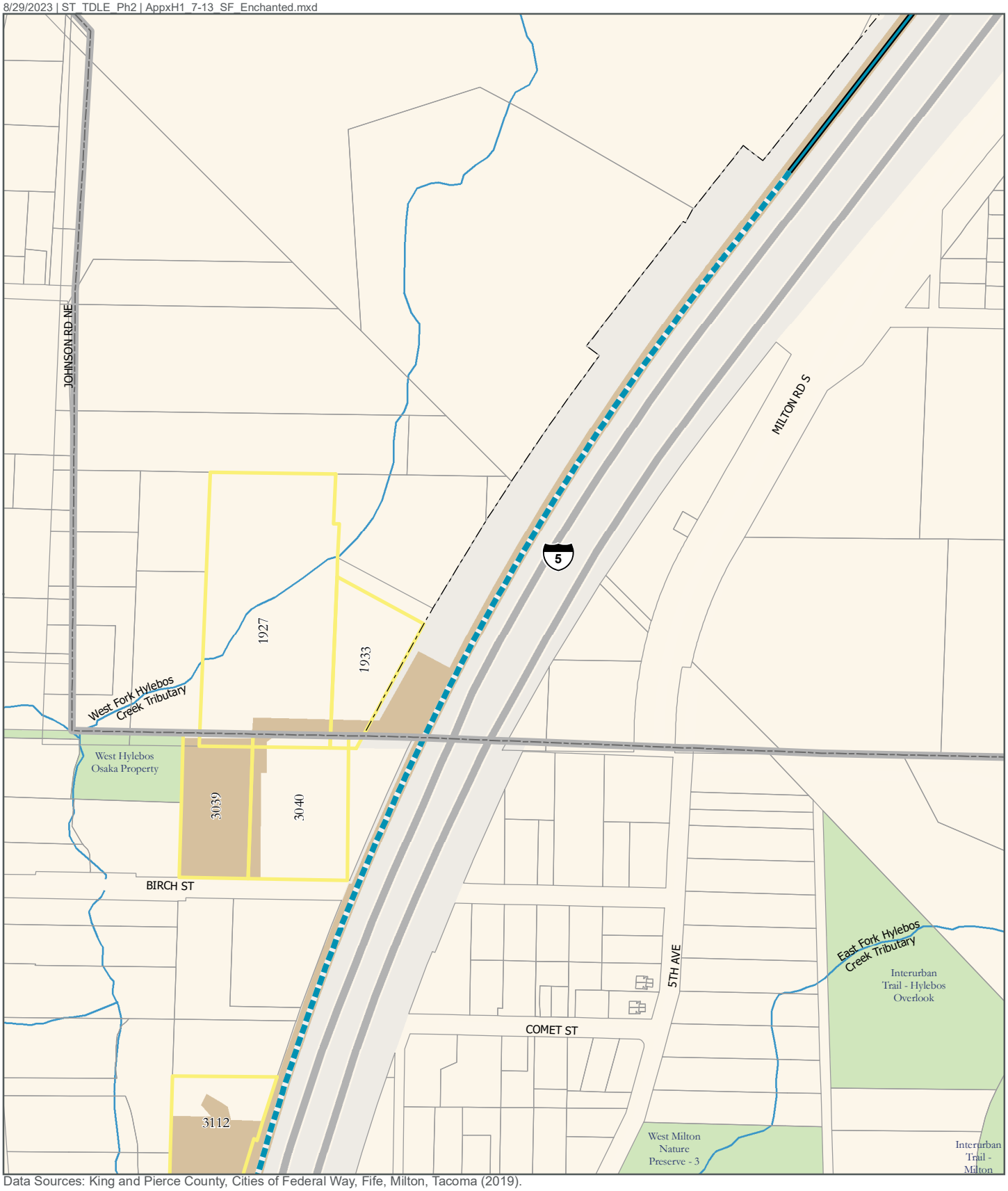

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-11
SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment
Tacoma Dome Link Extension

0 250 500 Feet N

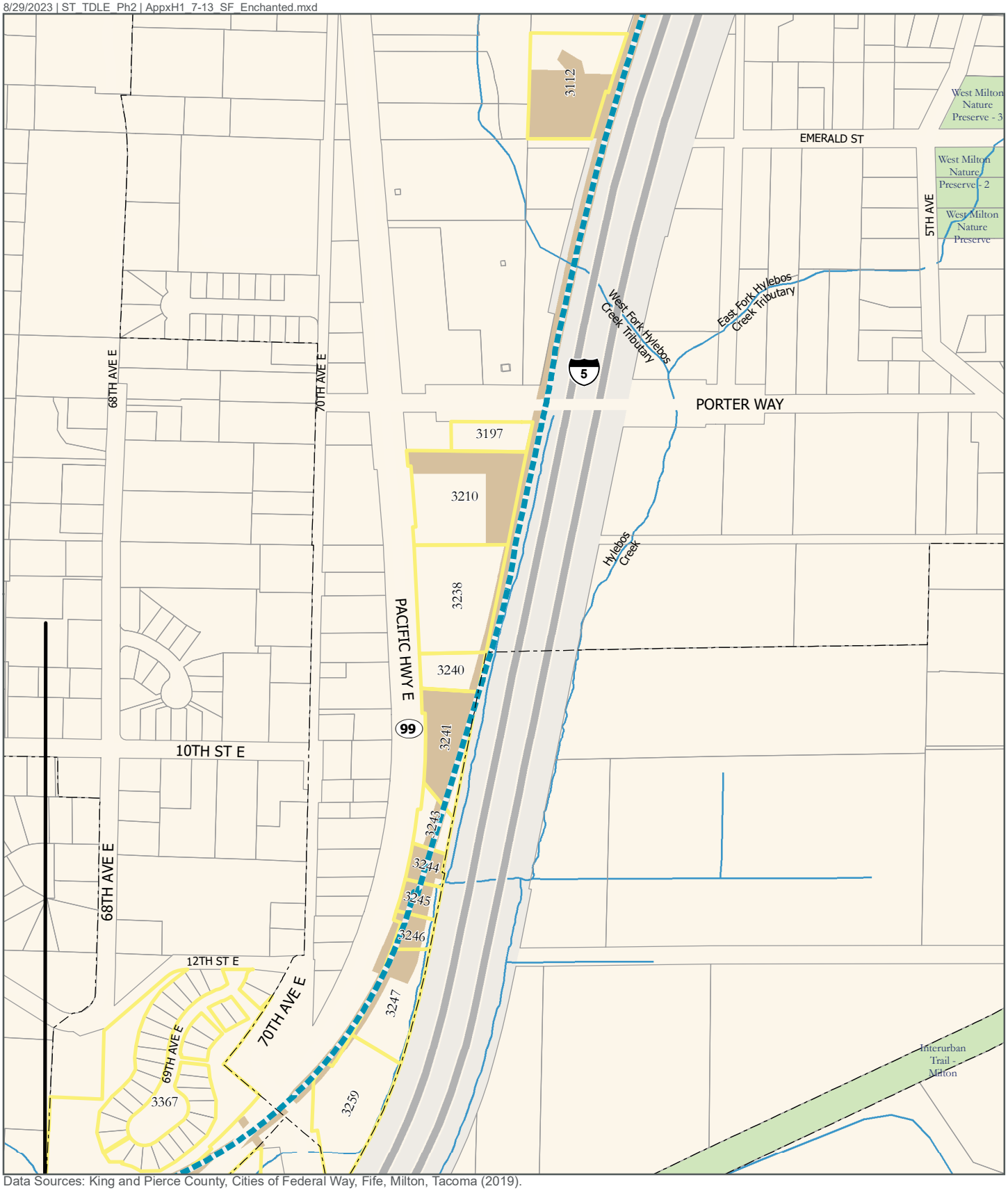

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-12

SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

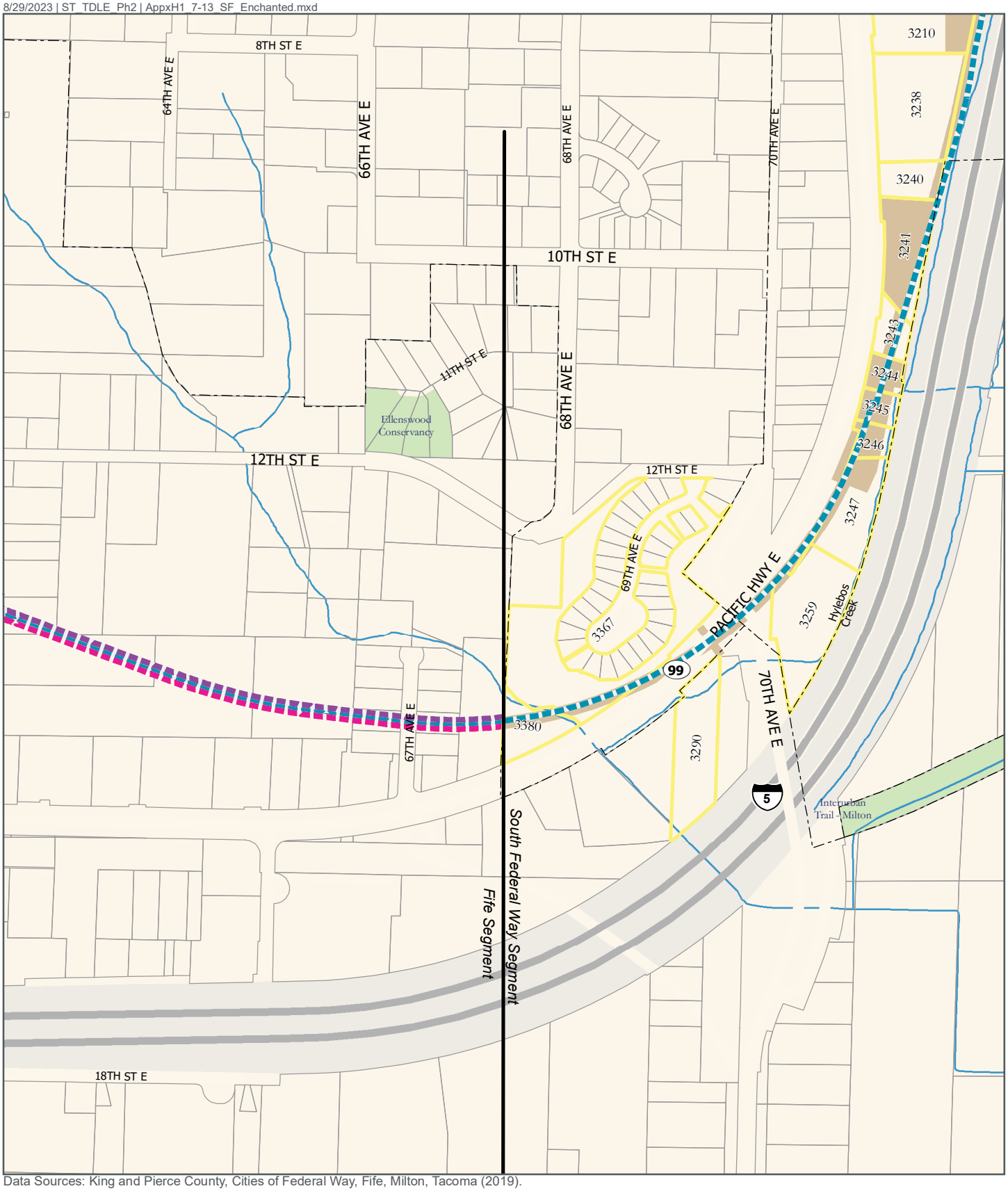

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- SF Enchanted Parkway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-13

SF Enchanted Parkway Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_14-20_SF_I5.mxd

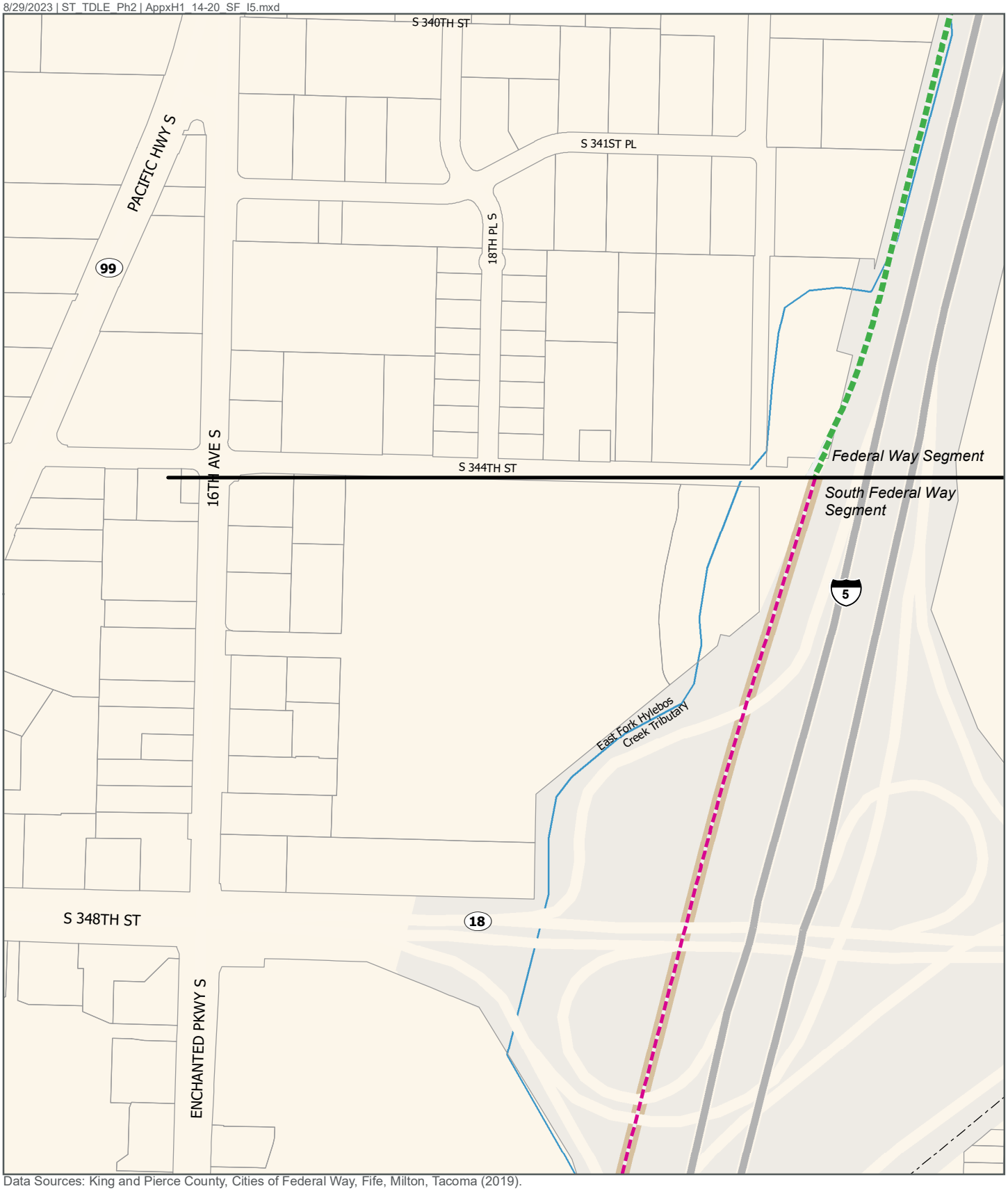

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-14

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

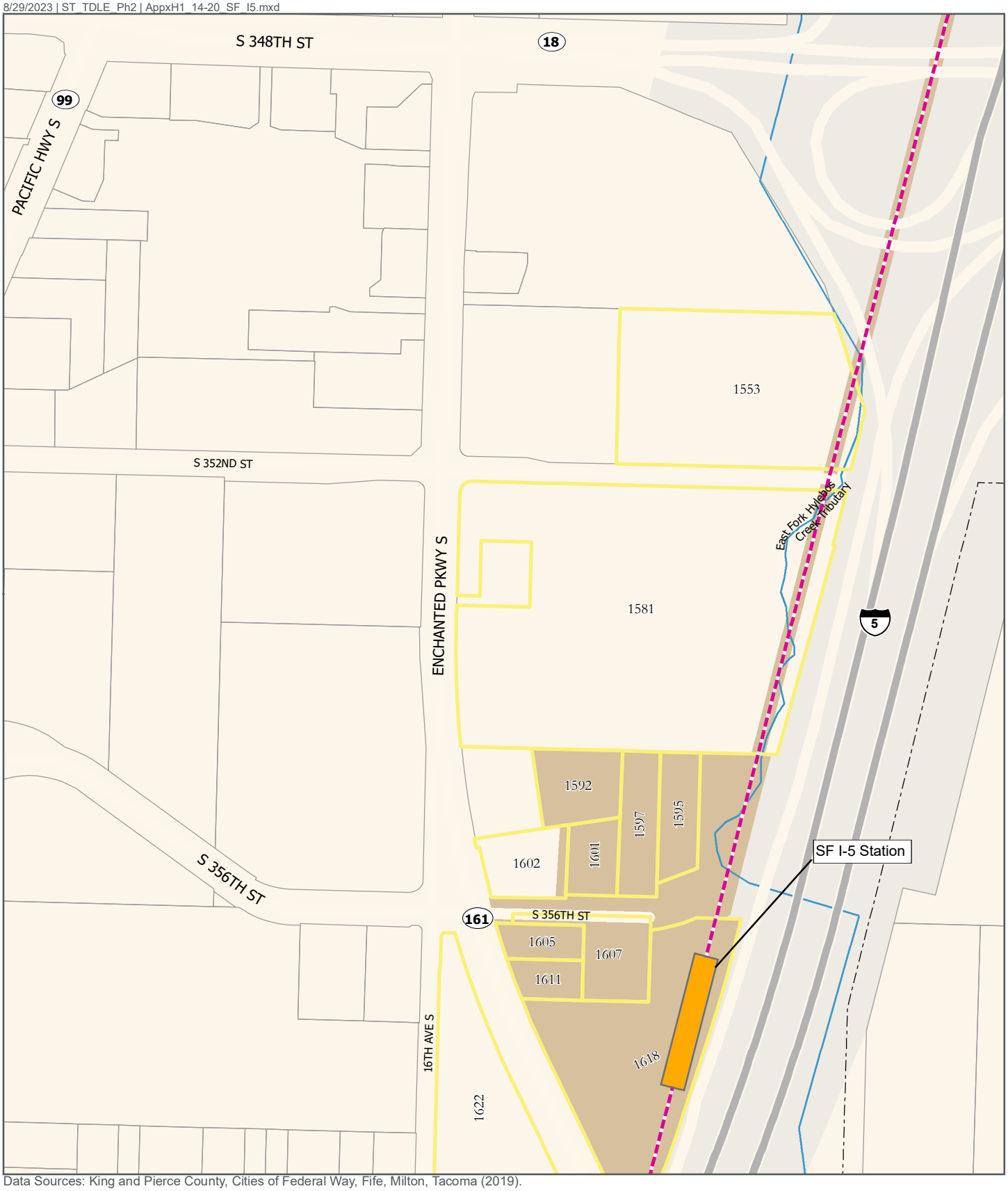

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-15

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

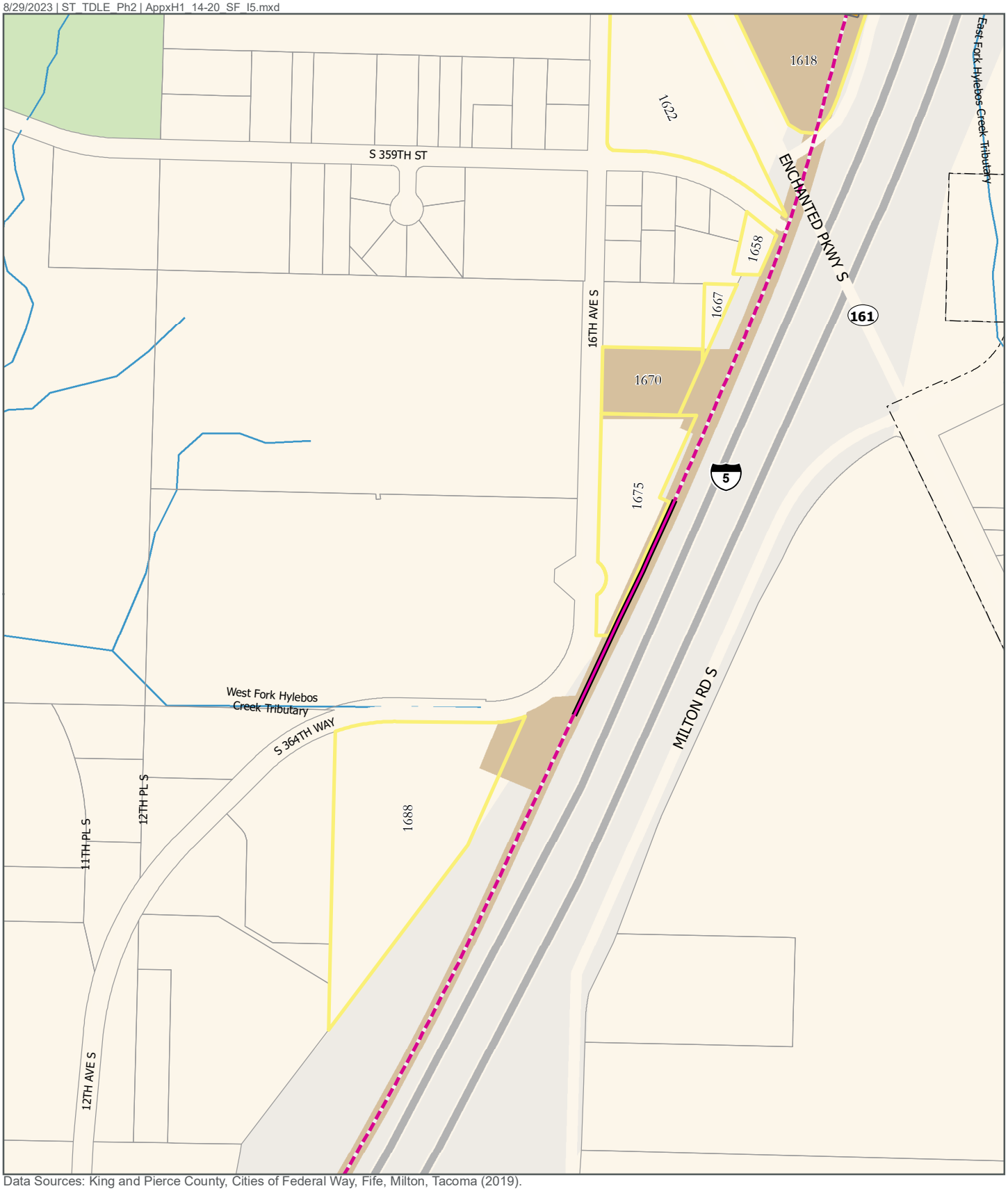

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-16

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_14-20_SF_I5.mxd

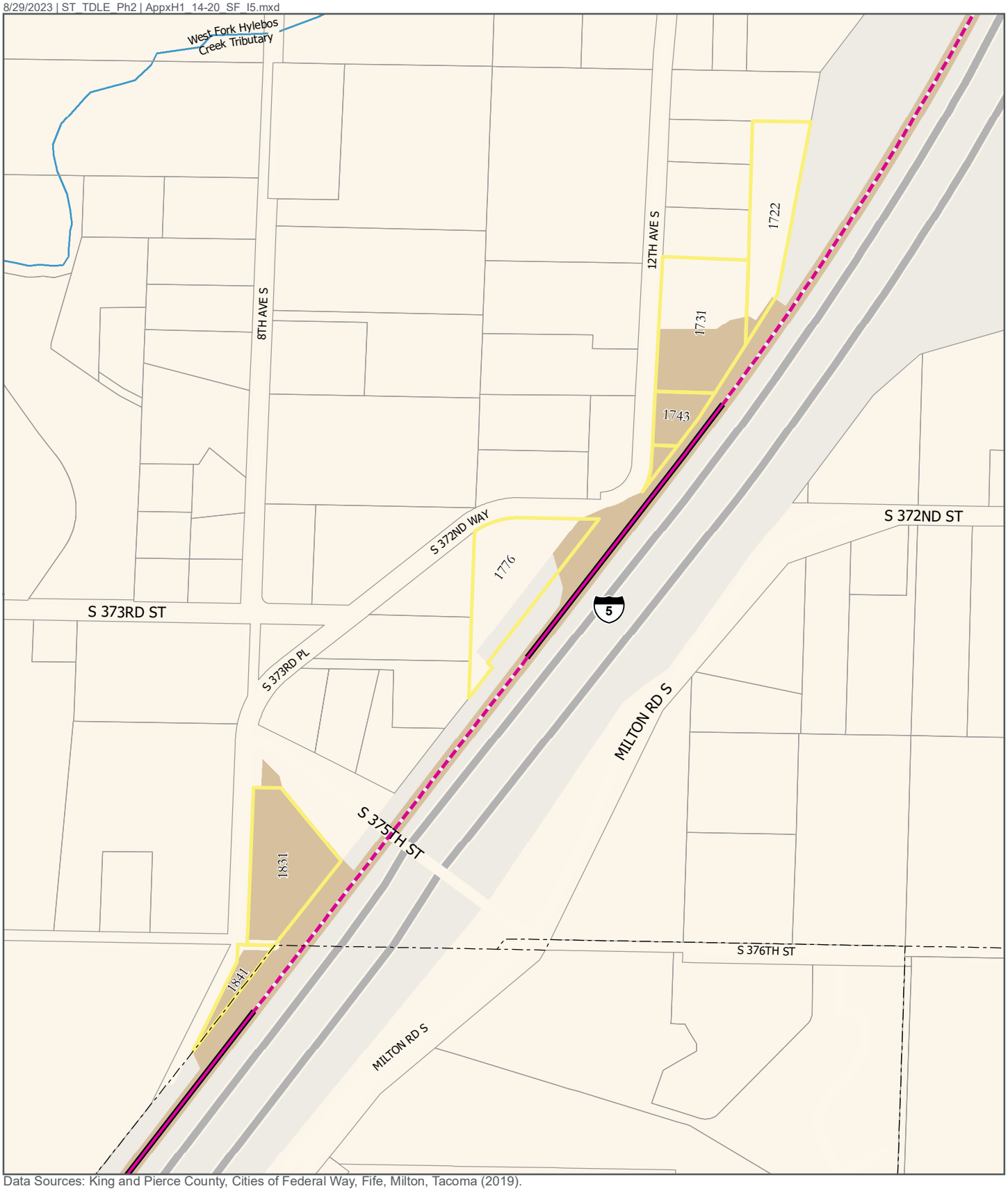

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-17

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

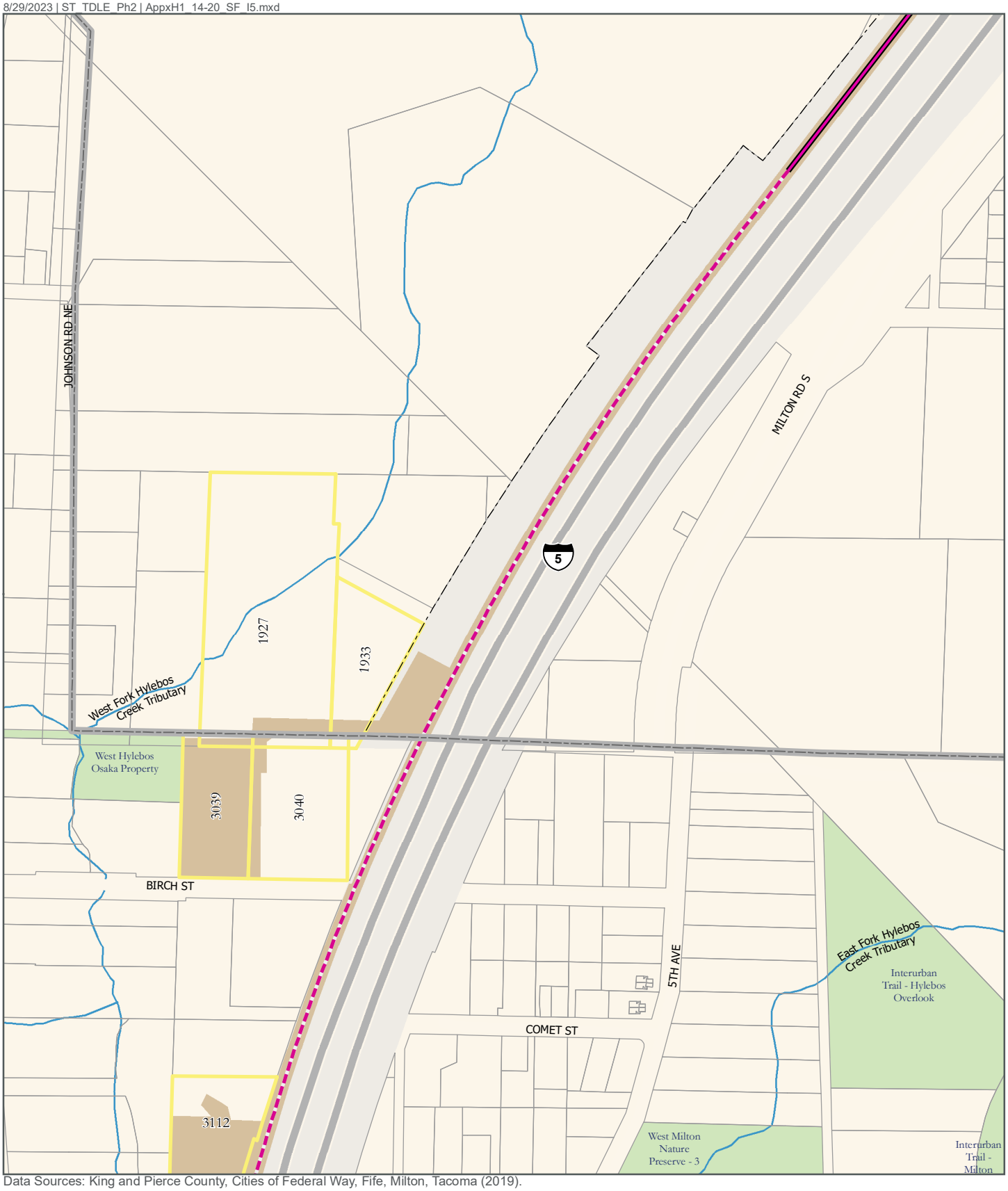

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-18

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

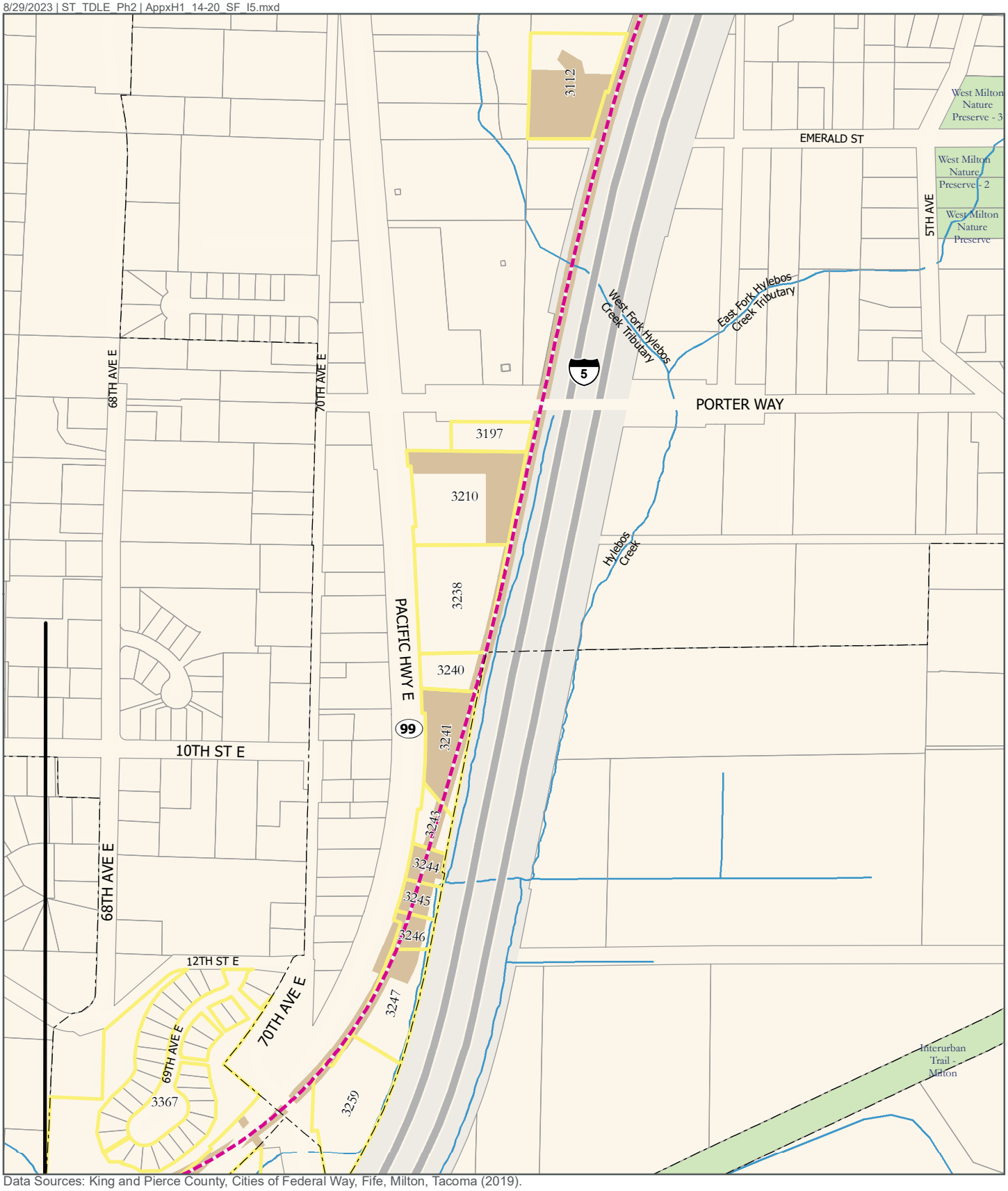

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-19

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

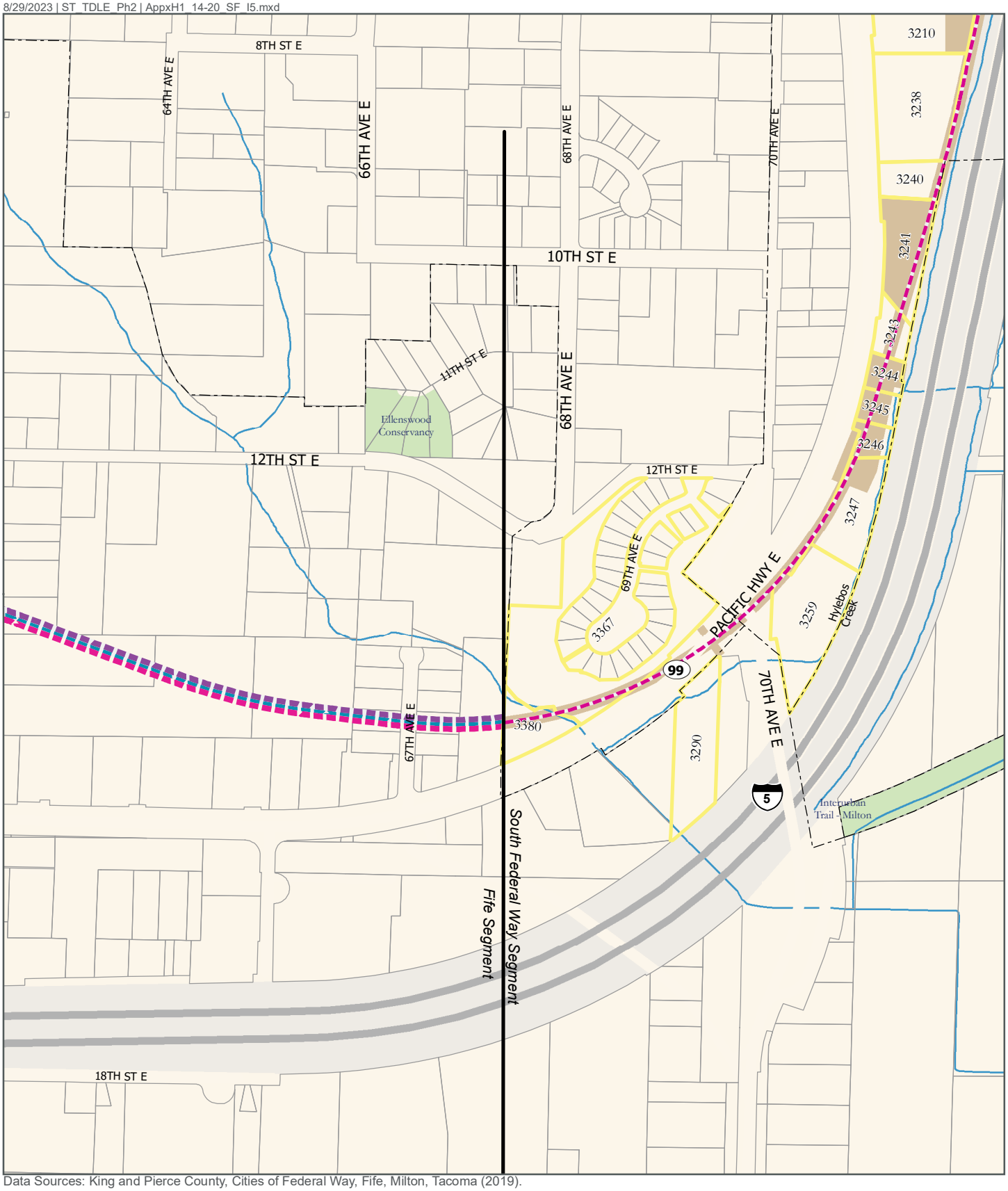

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF I-5

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-20

SF I-5 Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_21-27_SF_99W.mxd

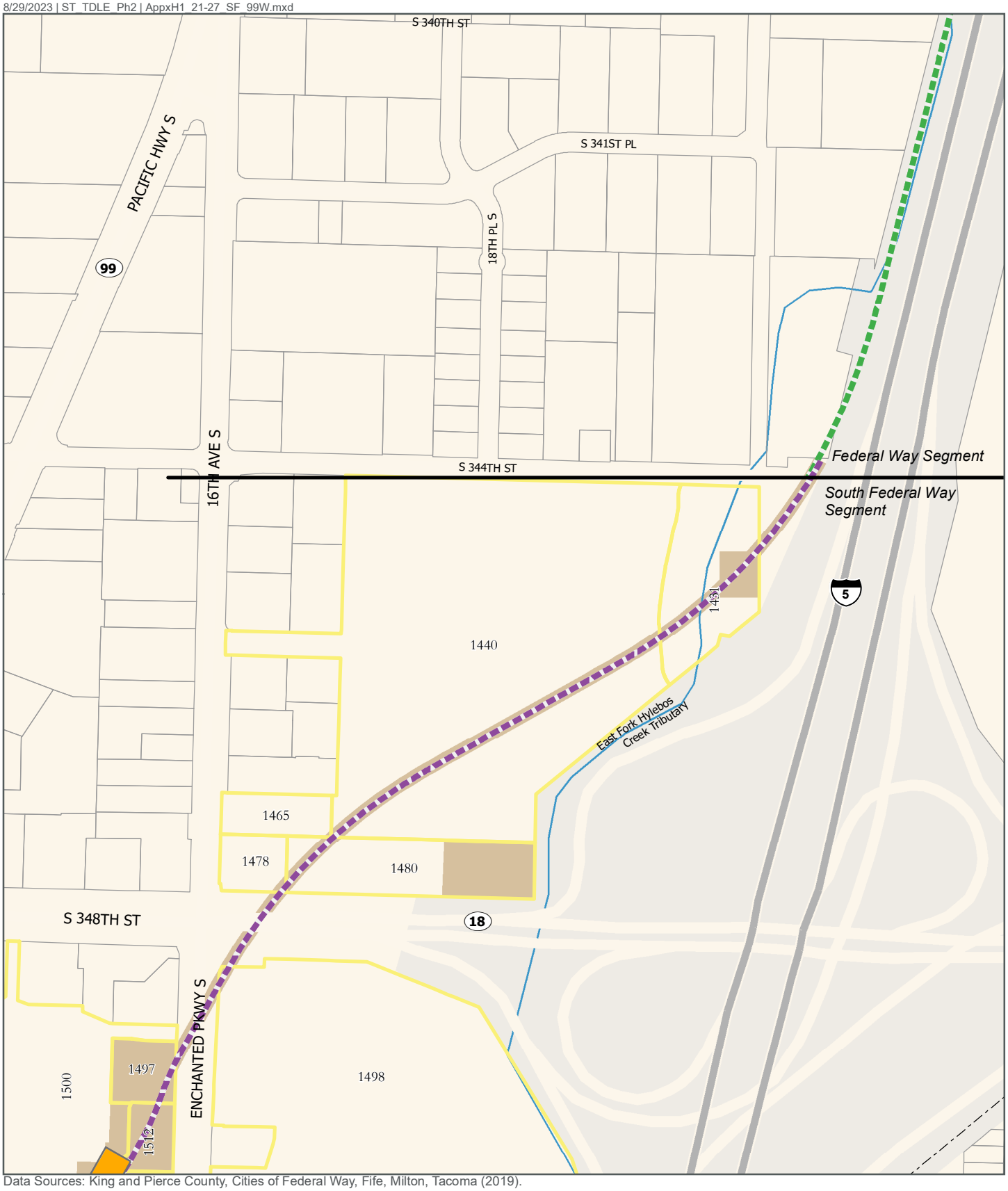

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-21

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_21-27_SF_99W.mxd

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-22

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

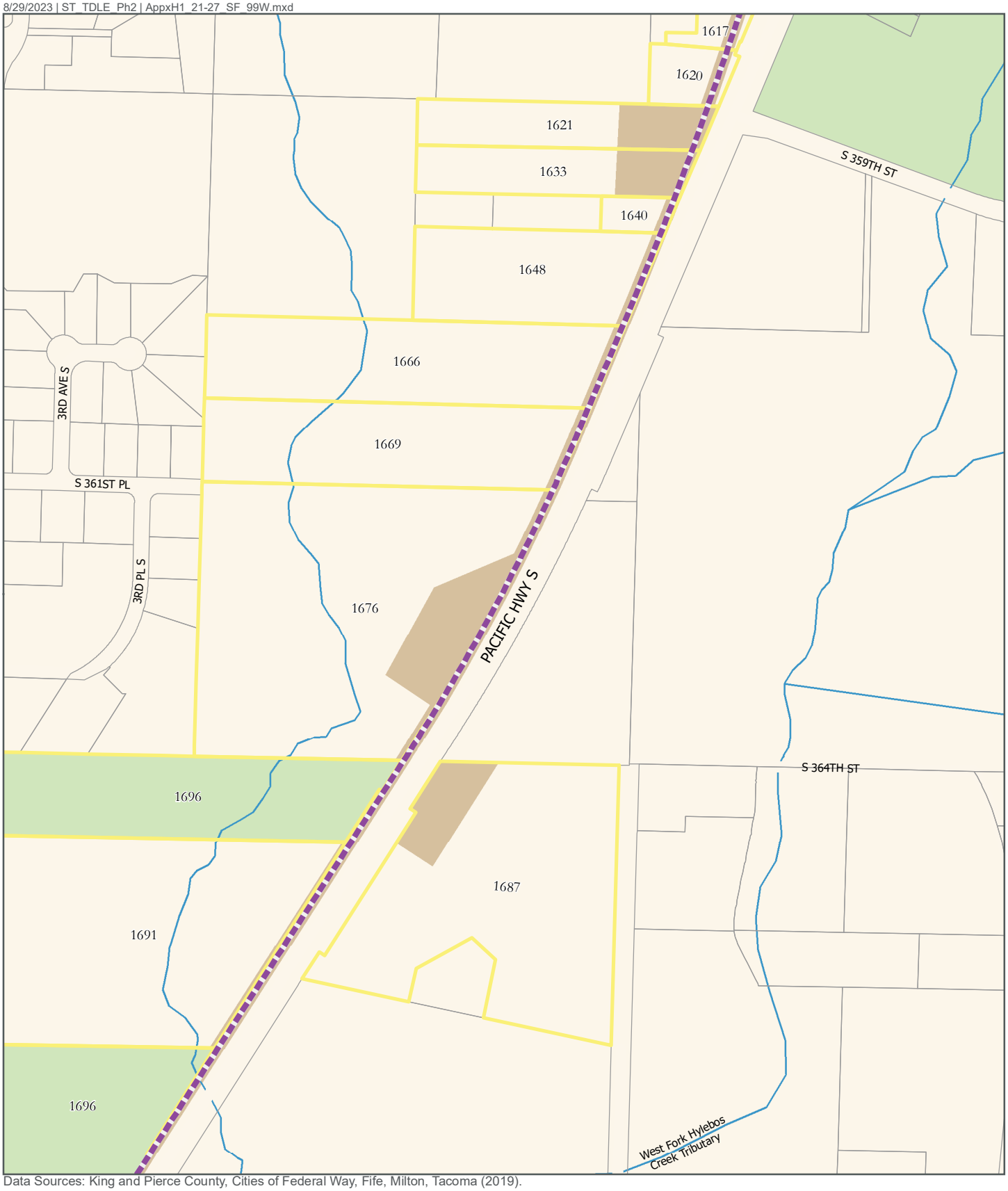

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-23

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_21-27_SF_99W.mxd

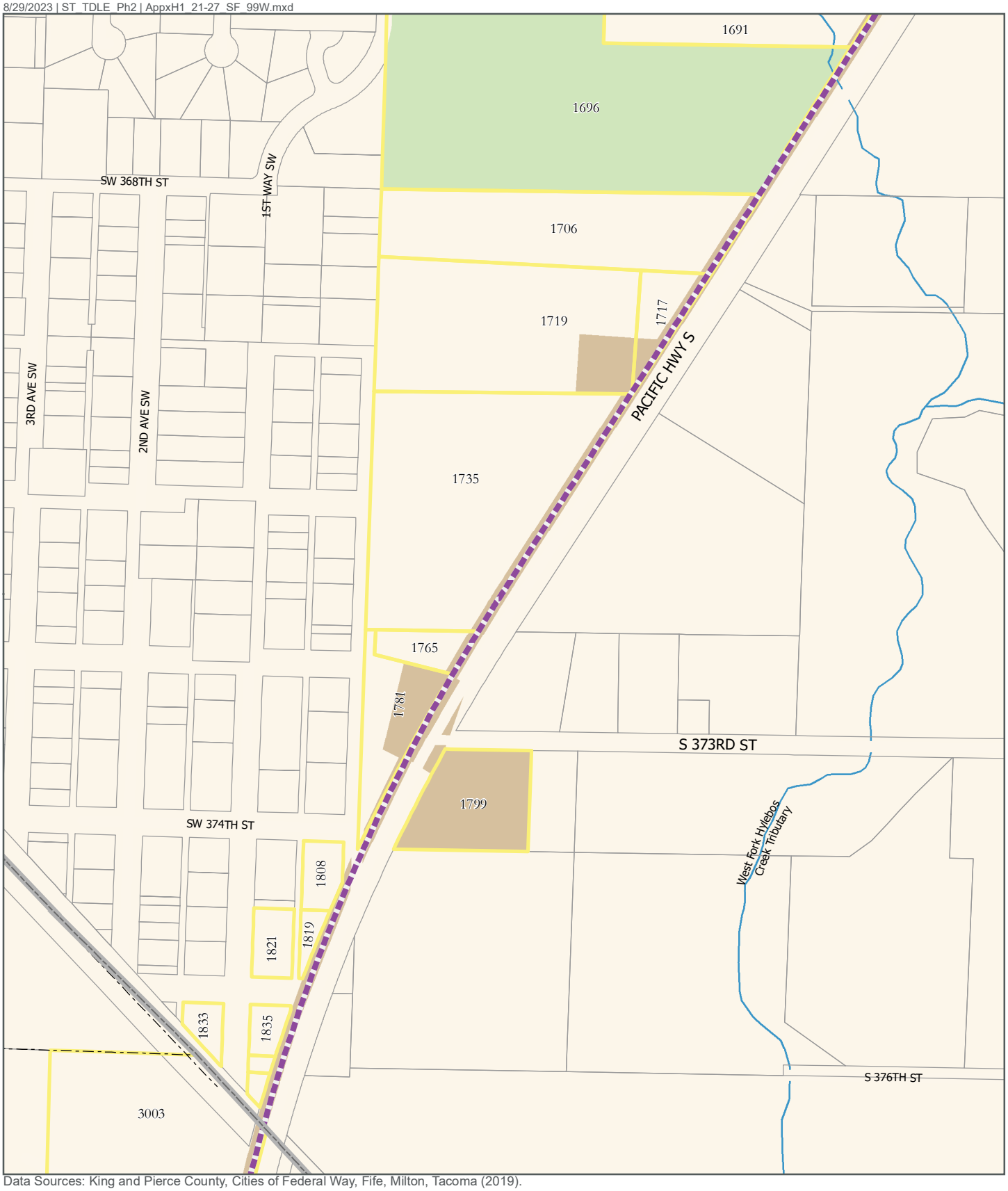

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-24

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_21-27_SF_99W.mxd

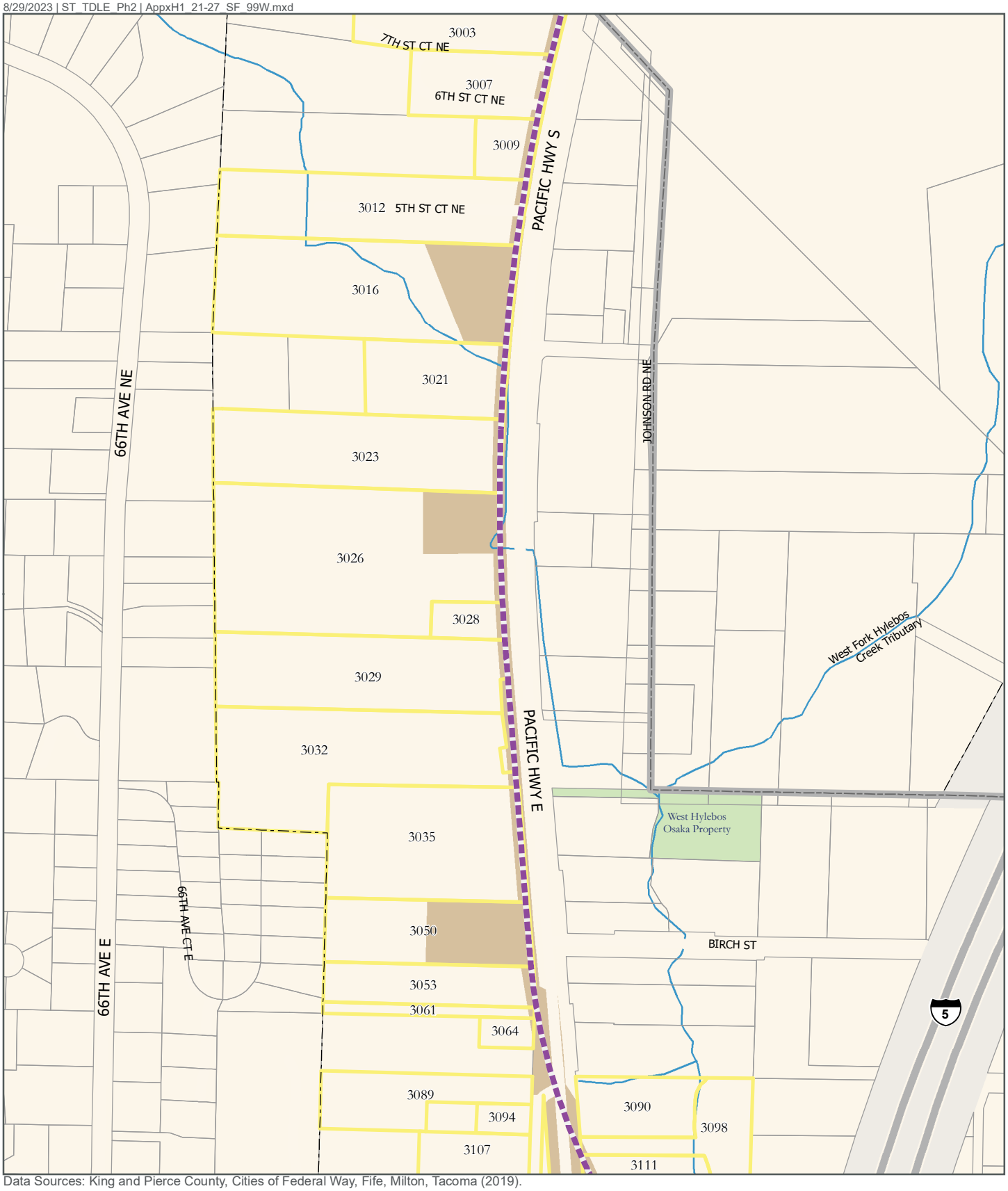

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-25

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

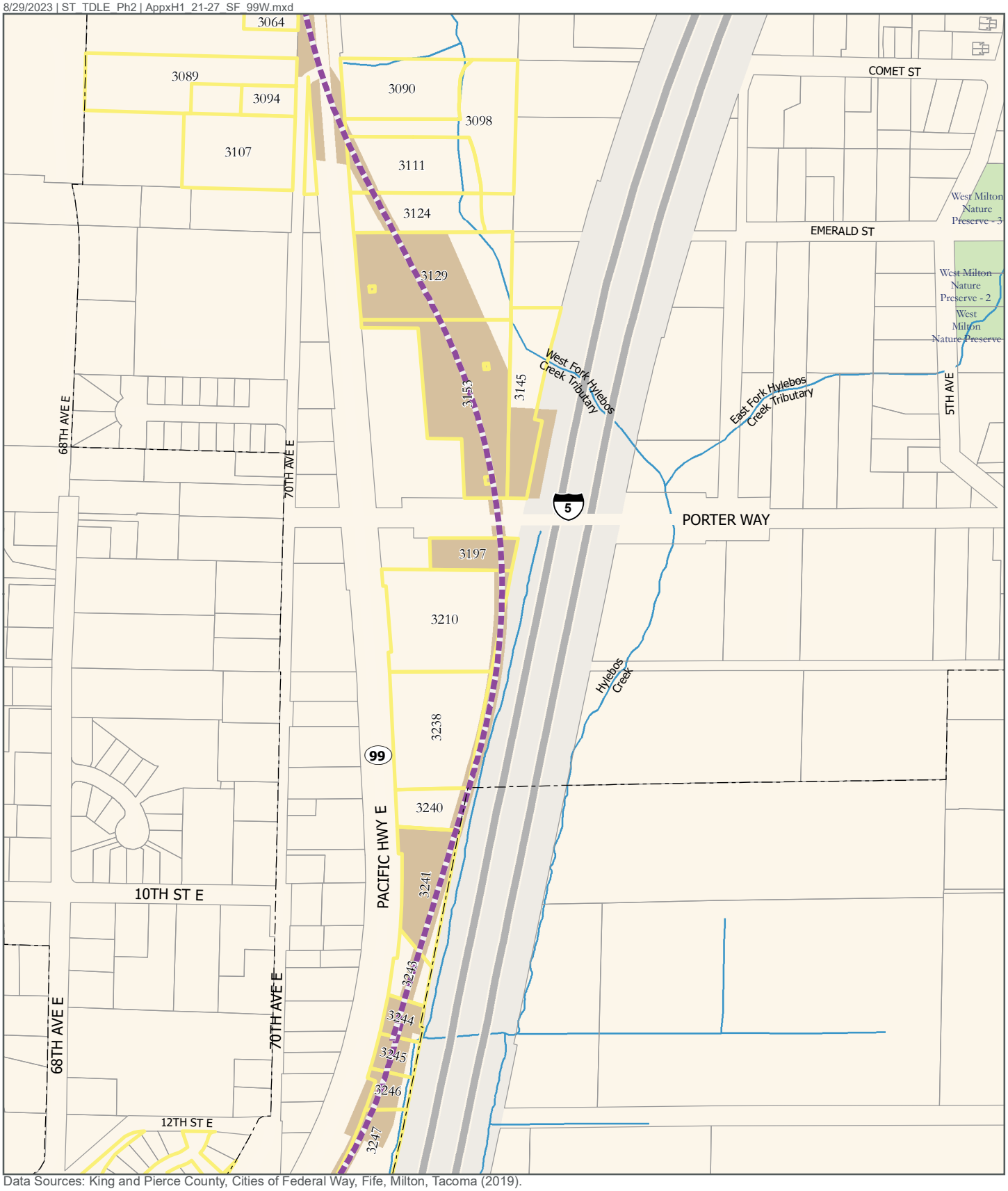

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-26

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_21-27_SF_99W.mxd

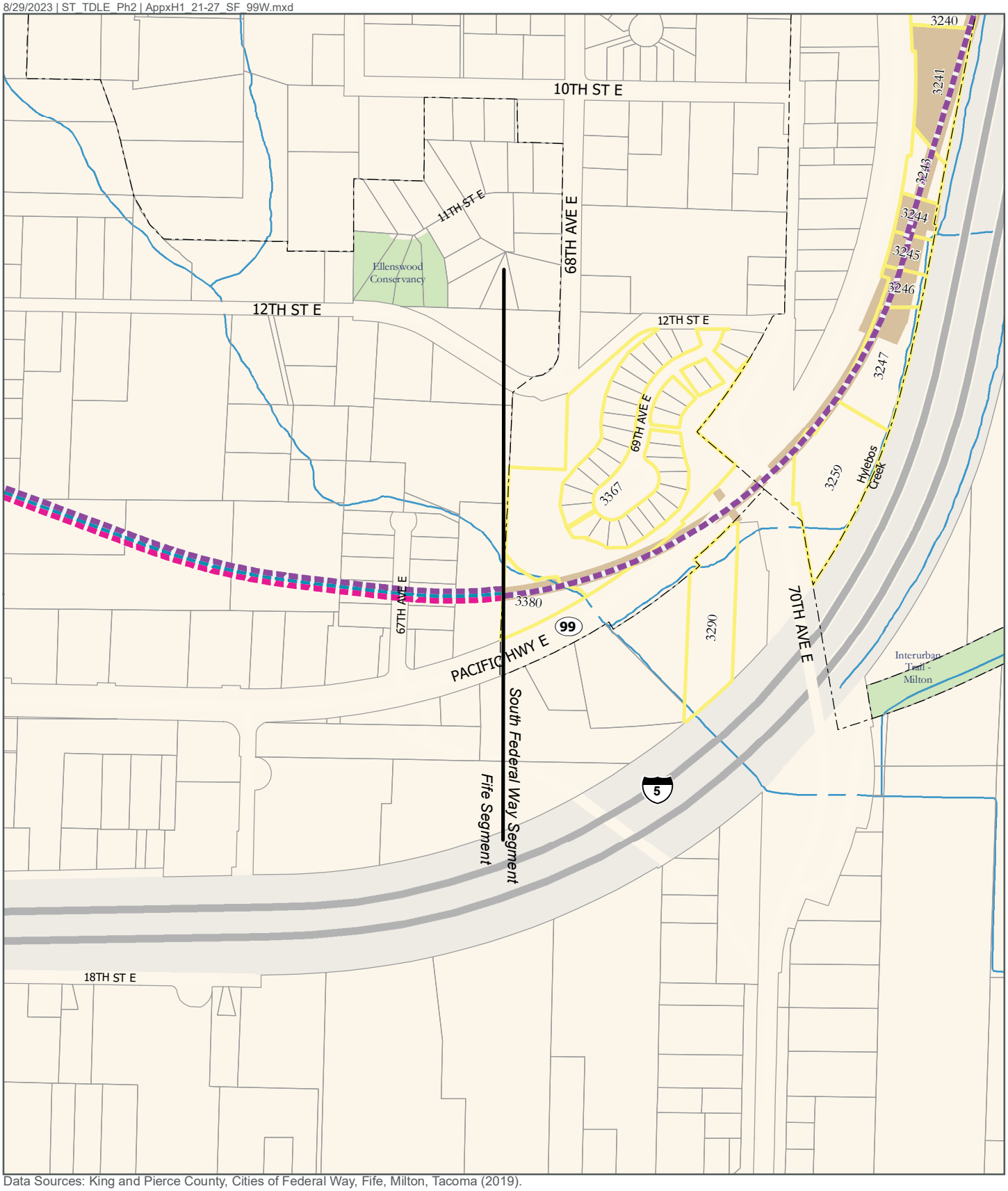

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-West

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-27

SF 99-West Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

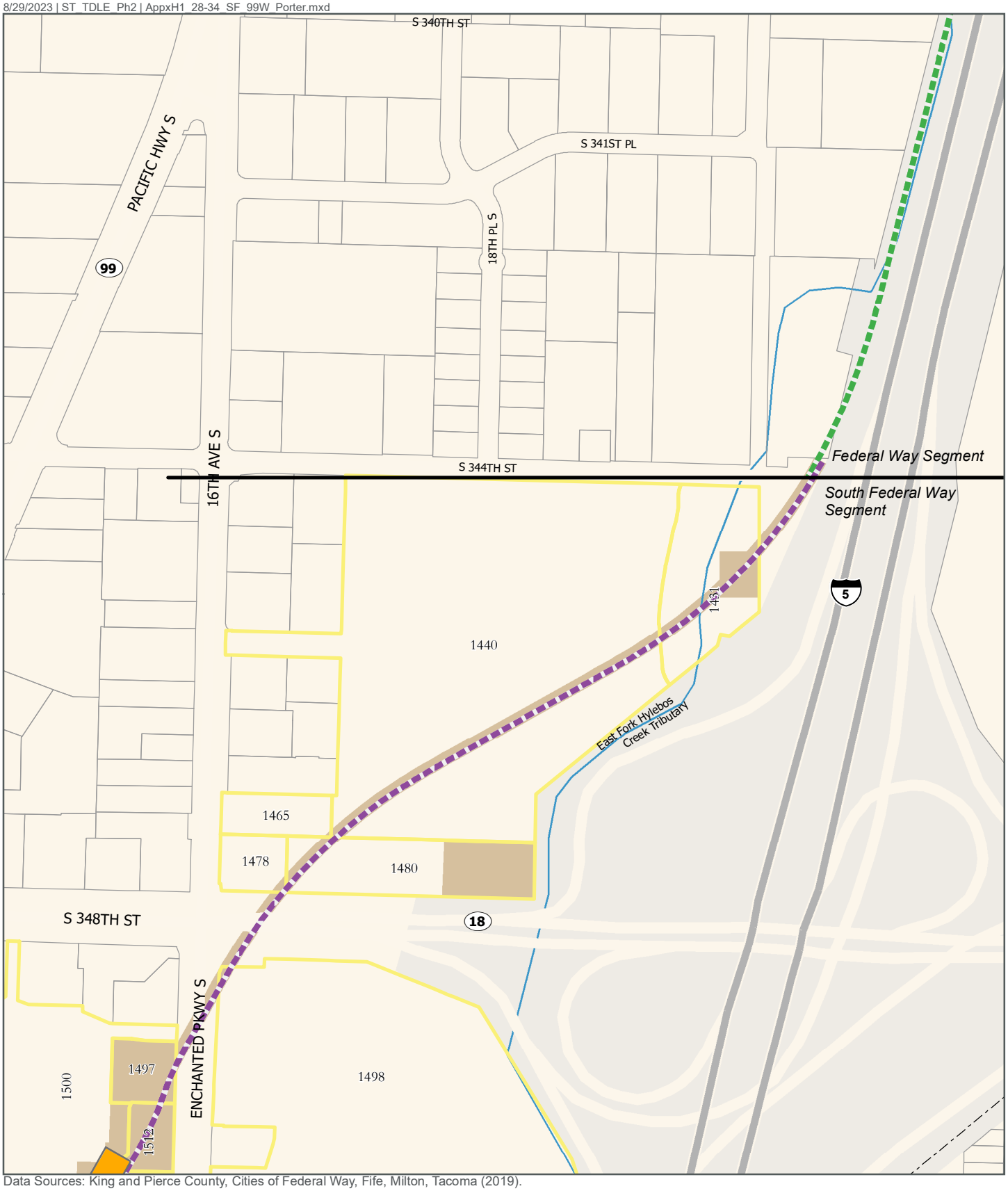

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-28

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-29

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

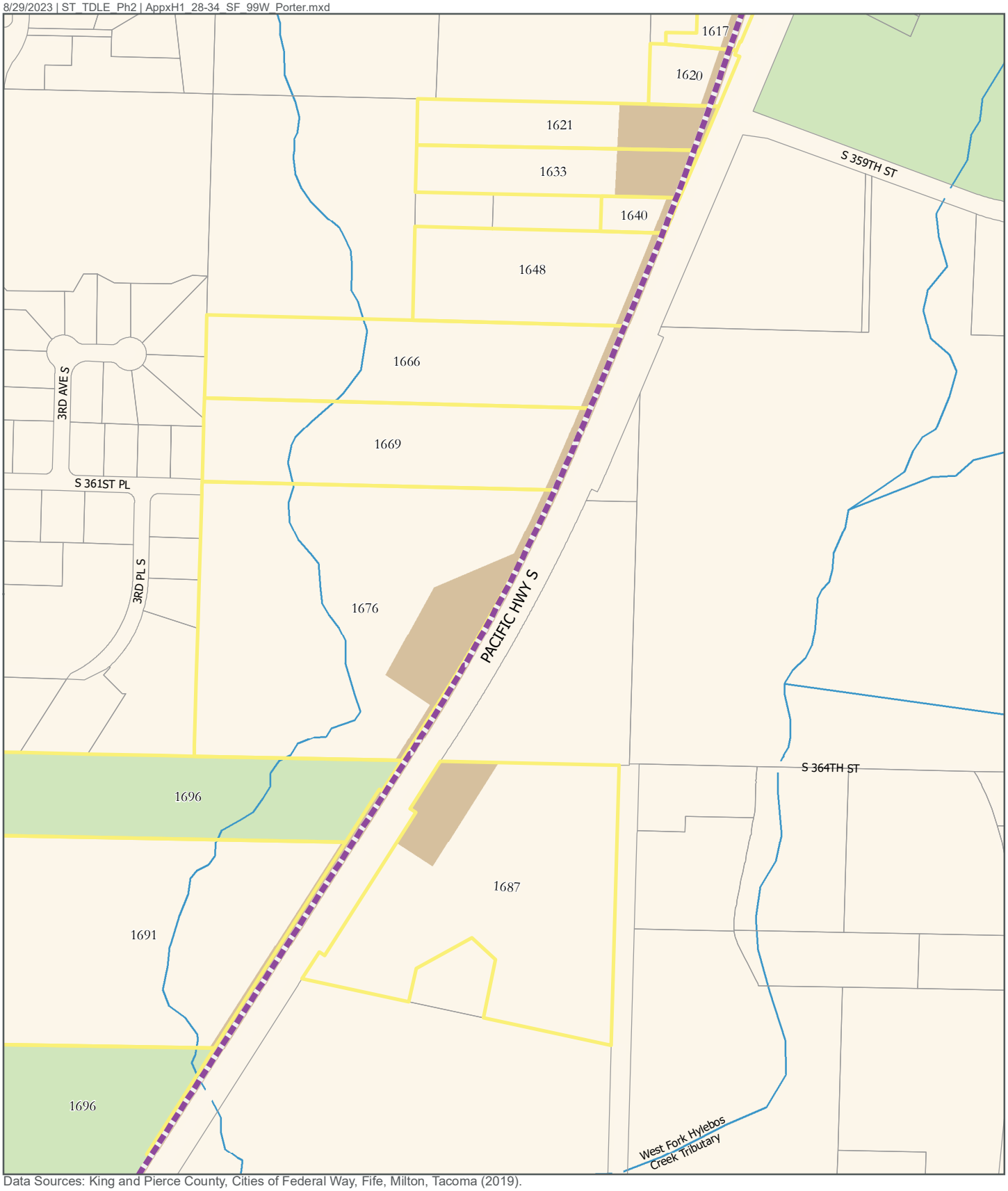

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-30

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_28-34_SF_99W_Porter.mxd

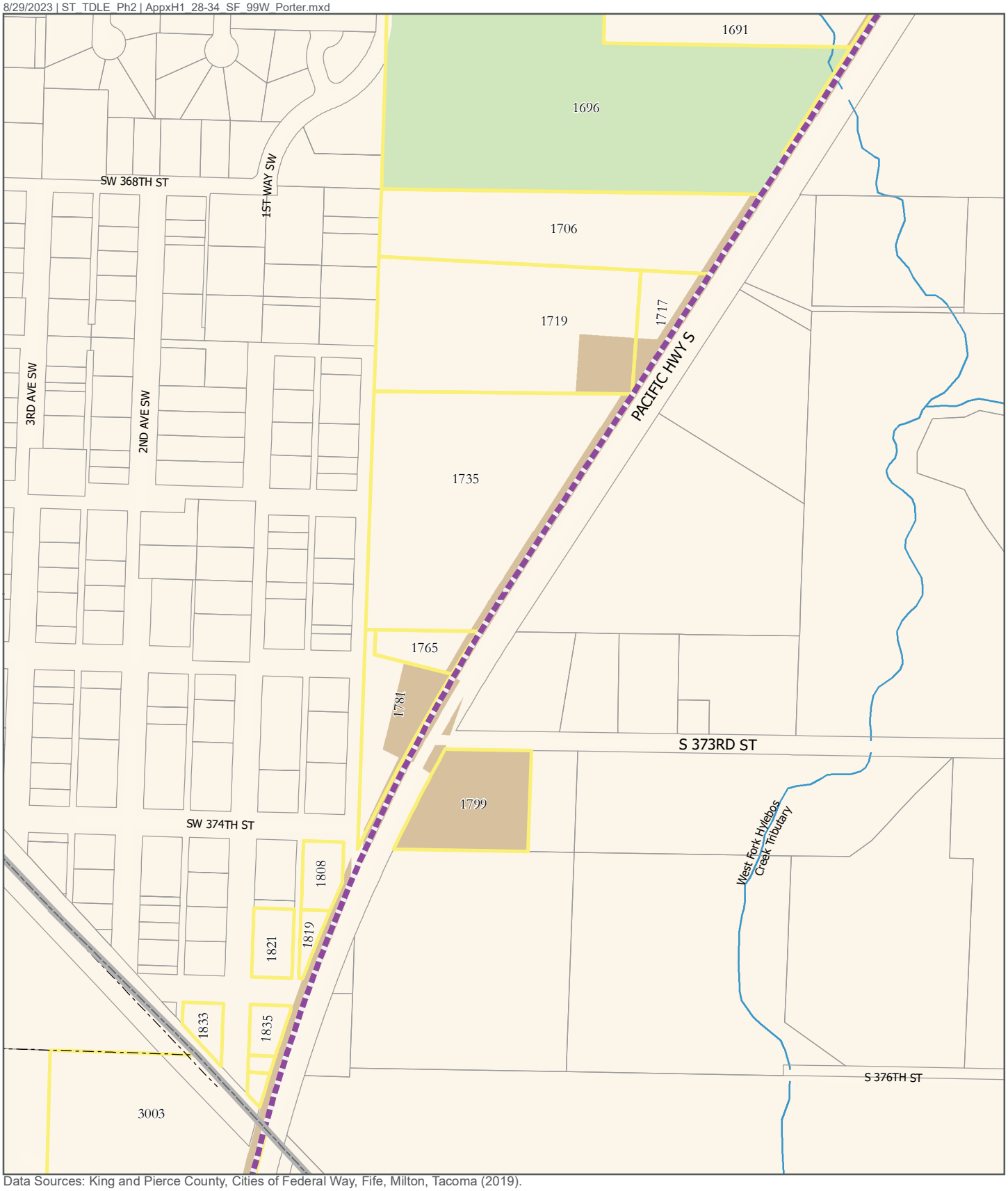

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-31

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_28-34_SF_99W_Porter.mxd

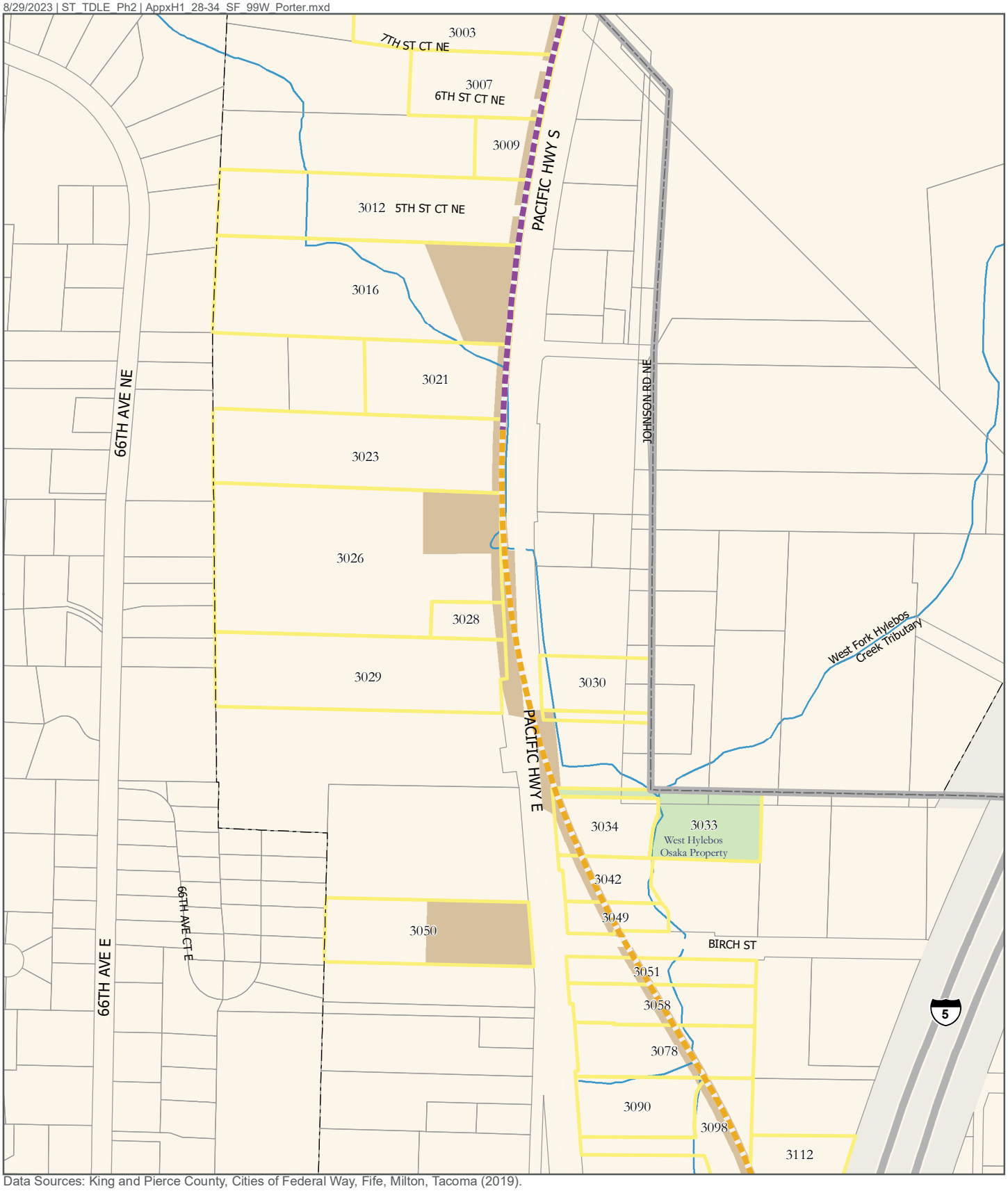

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-32

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

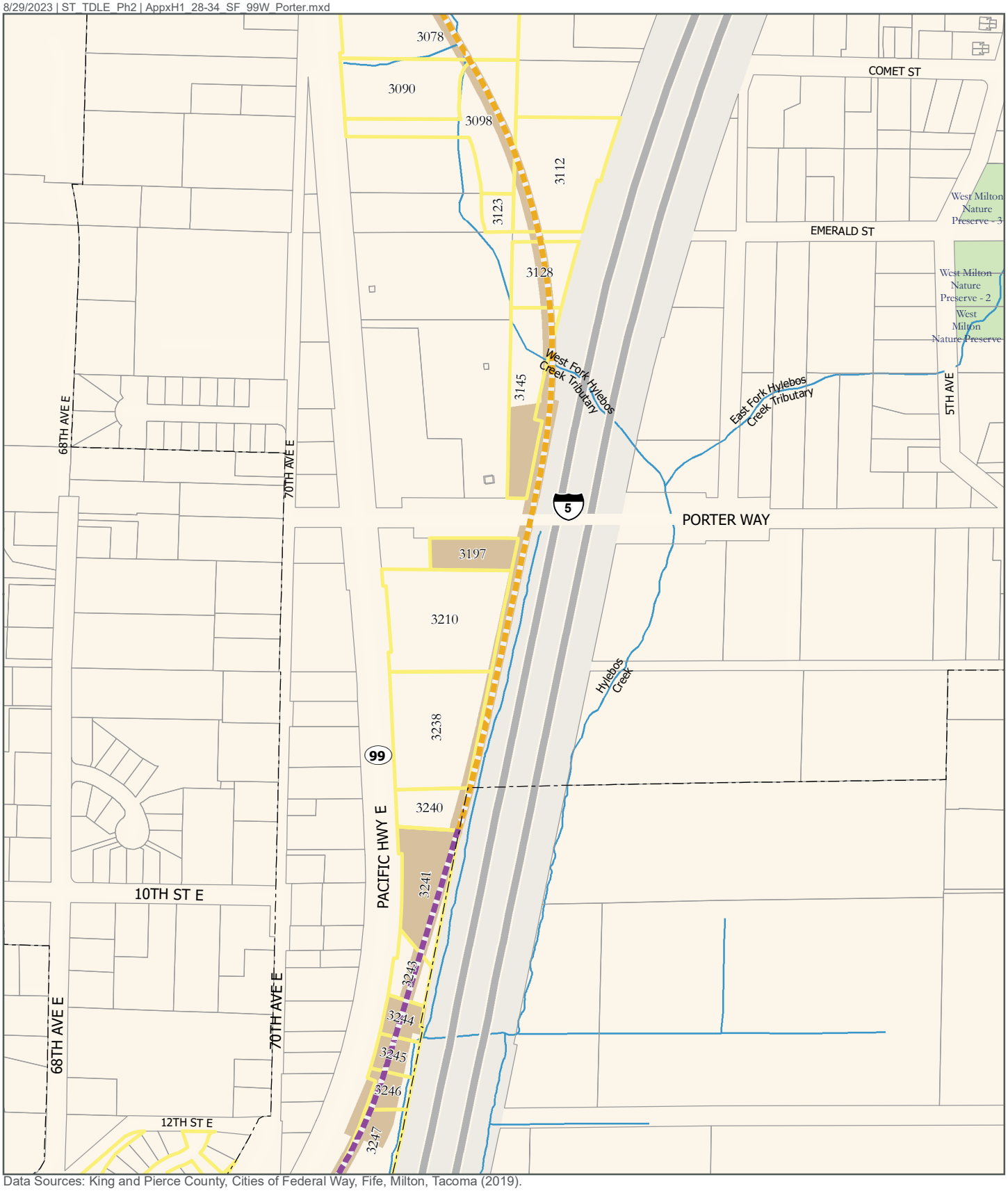

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-33

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_28-34_SF_99W_Porter.mxd

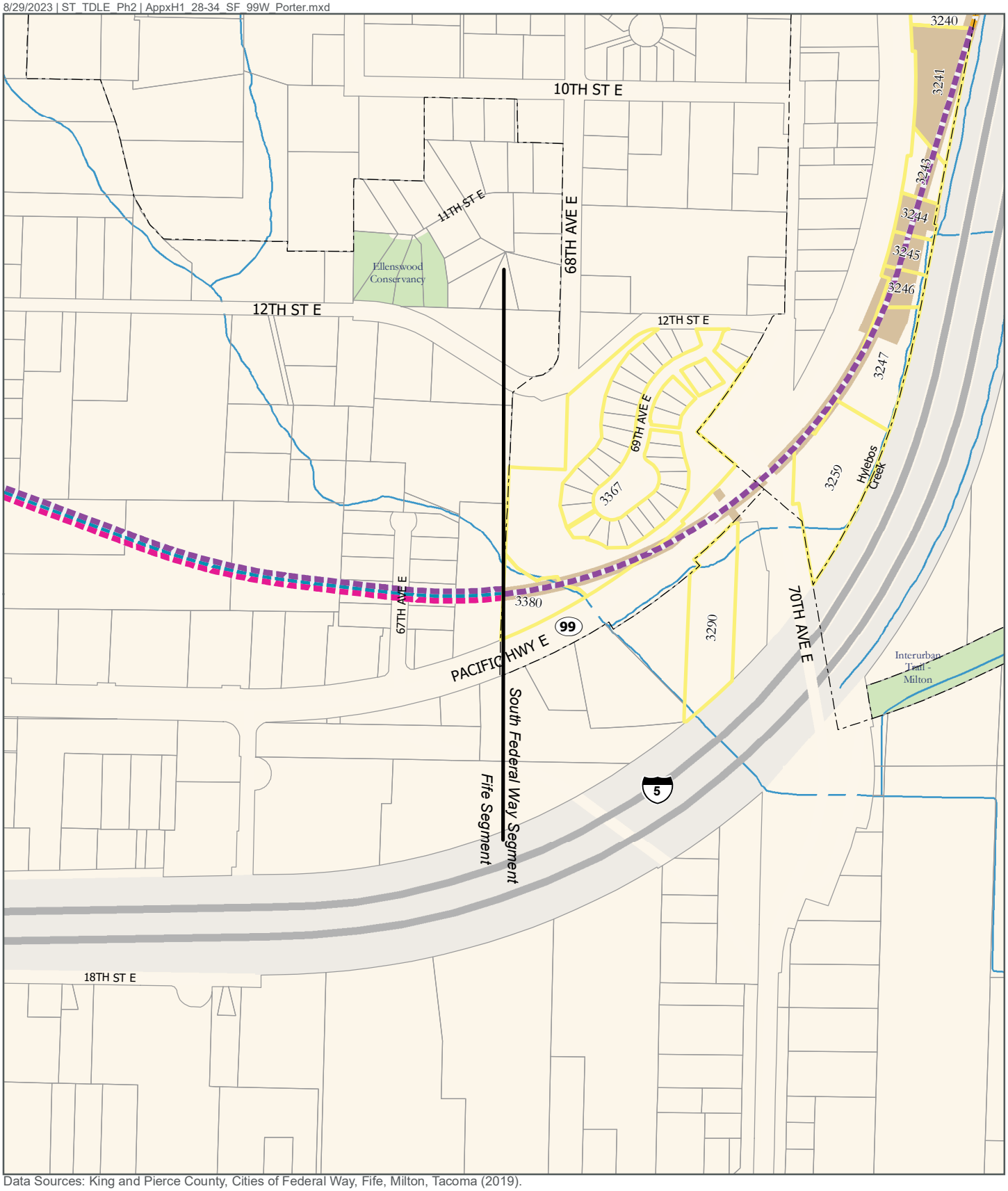

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-34

SF 99-West with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-35

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

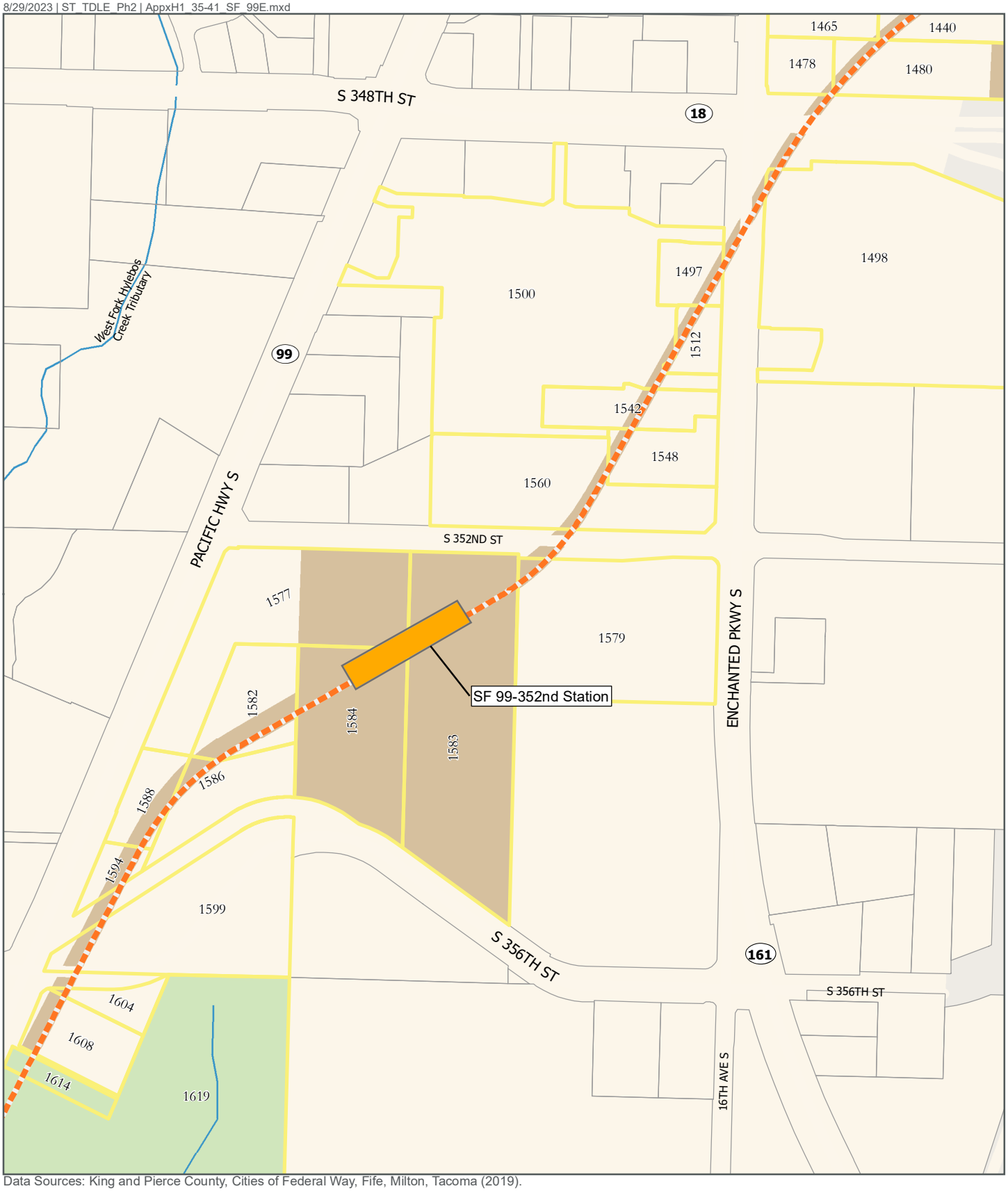

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-36

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

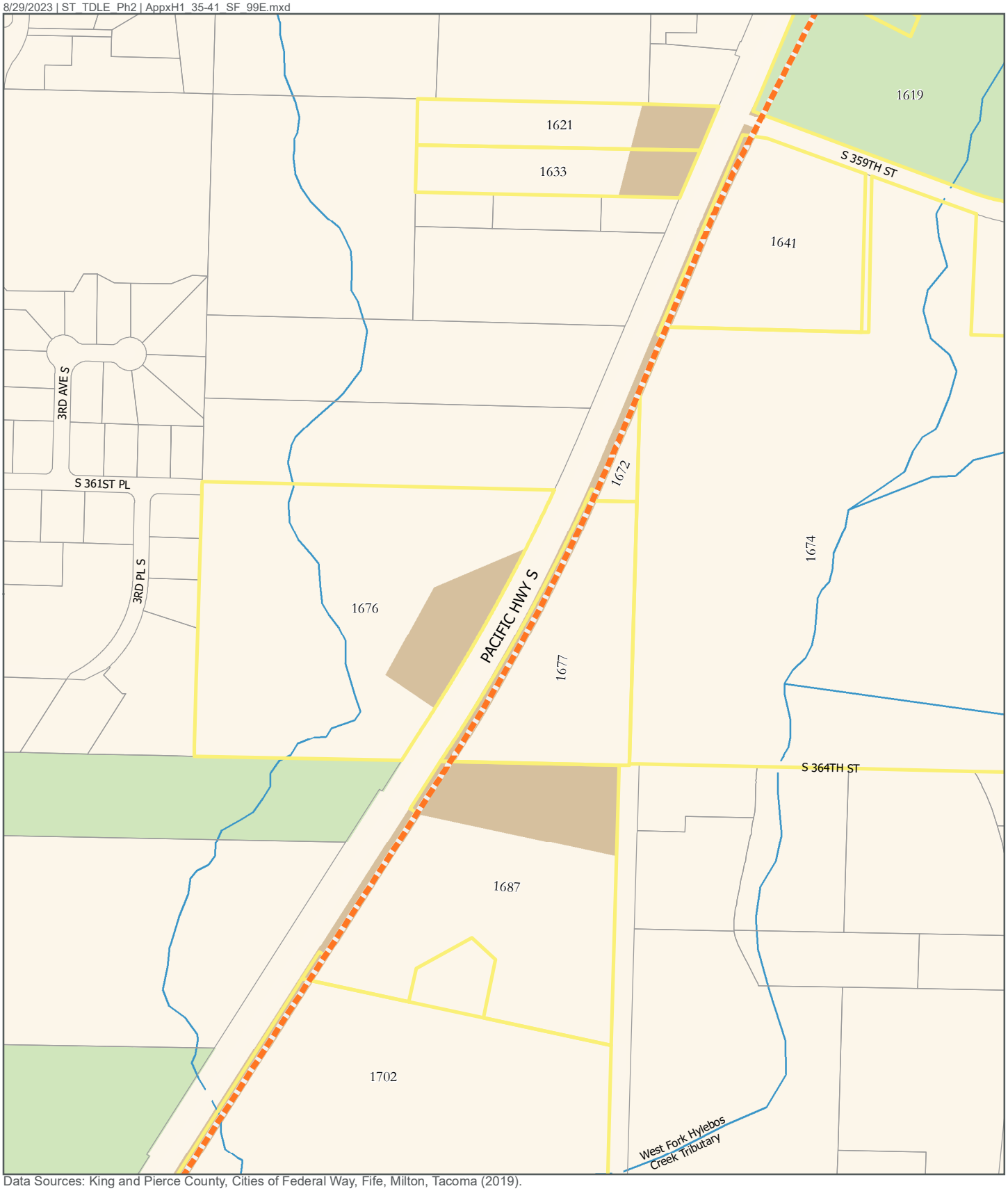

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-37

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_35-41_SF_99E.mxd

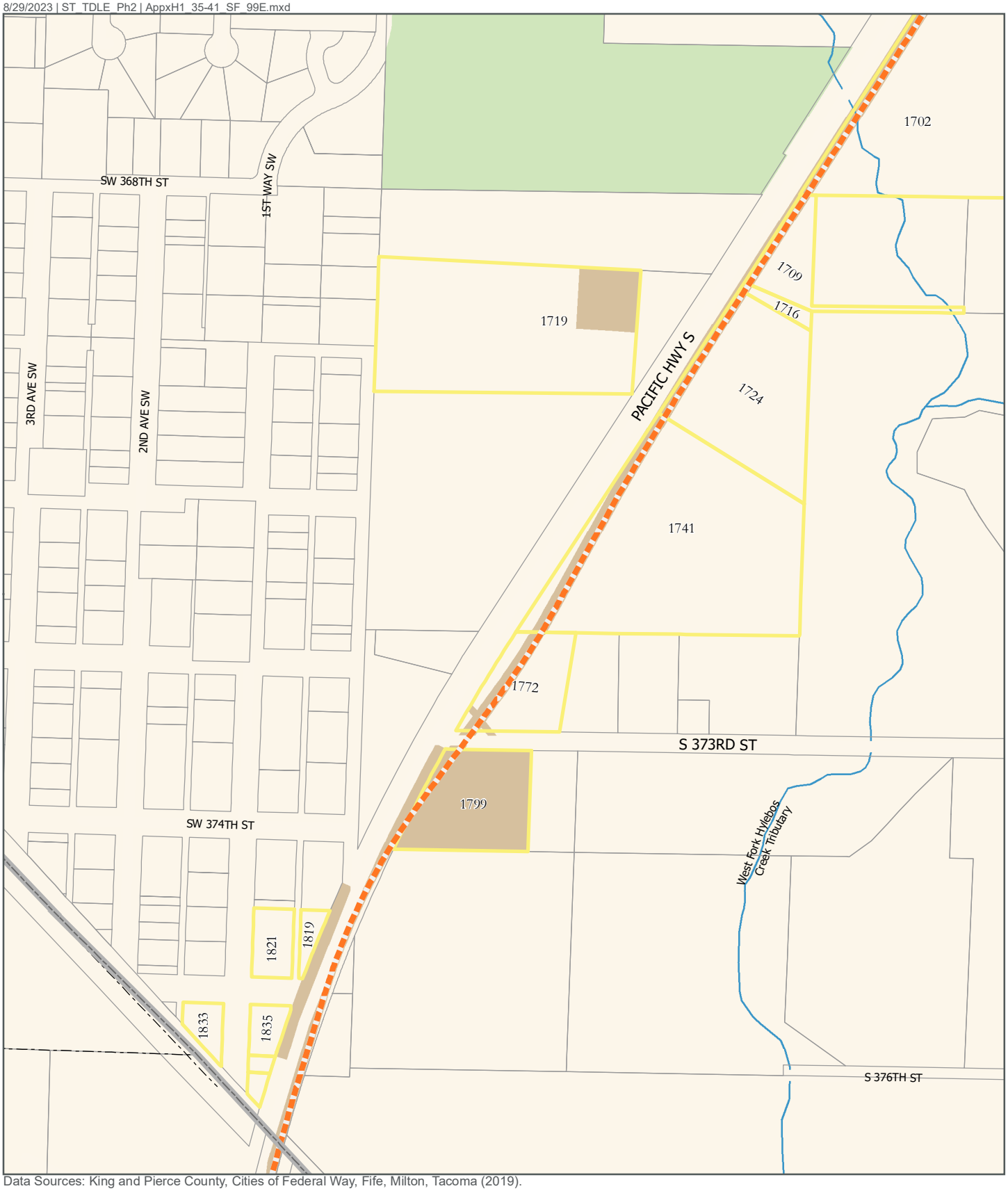

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-38

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

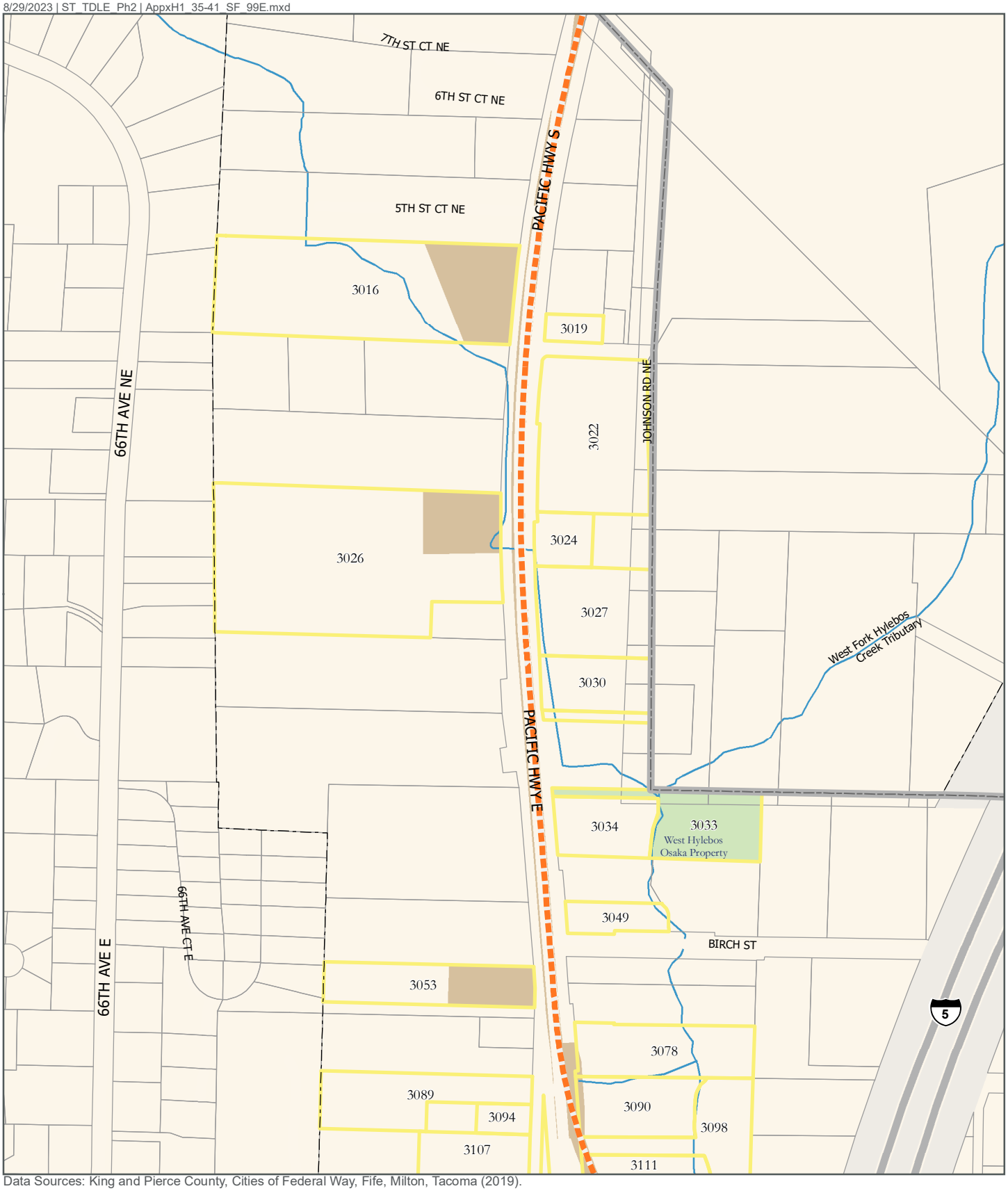

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-39

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

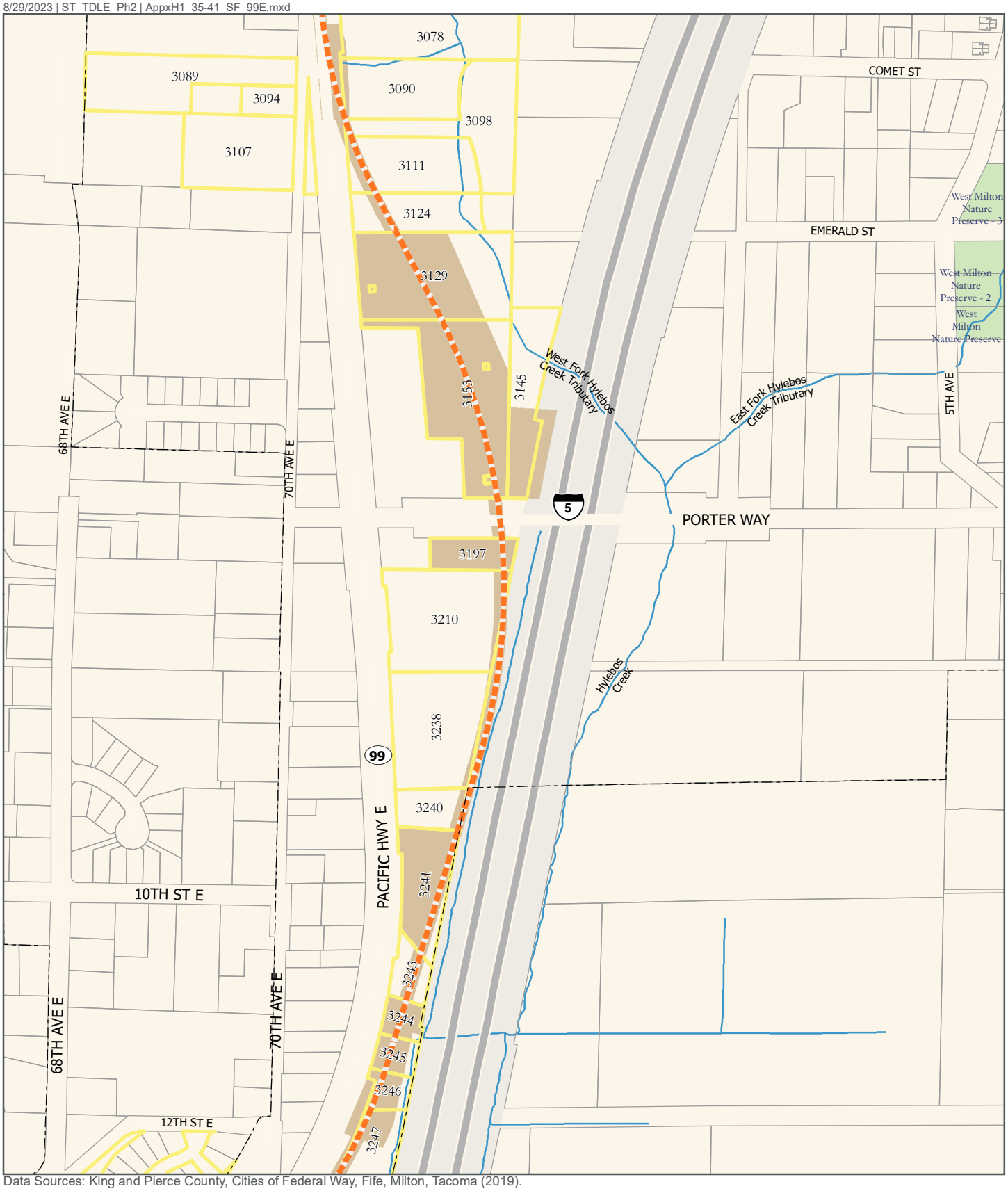

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-40

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

8/29/2023 | ST_TDLE_Ph2 | AppxH1_35-41_SF_99E.mxd

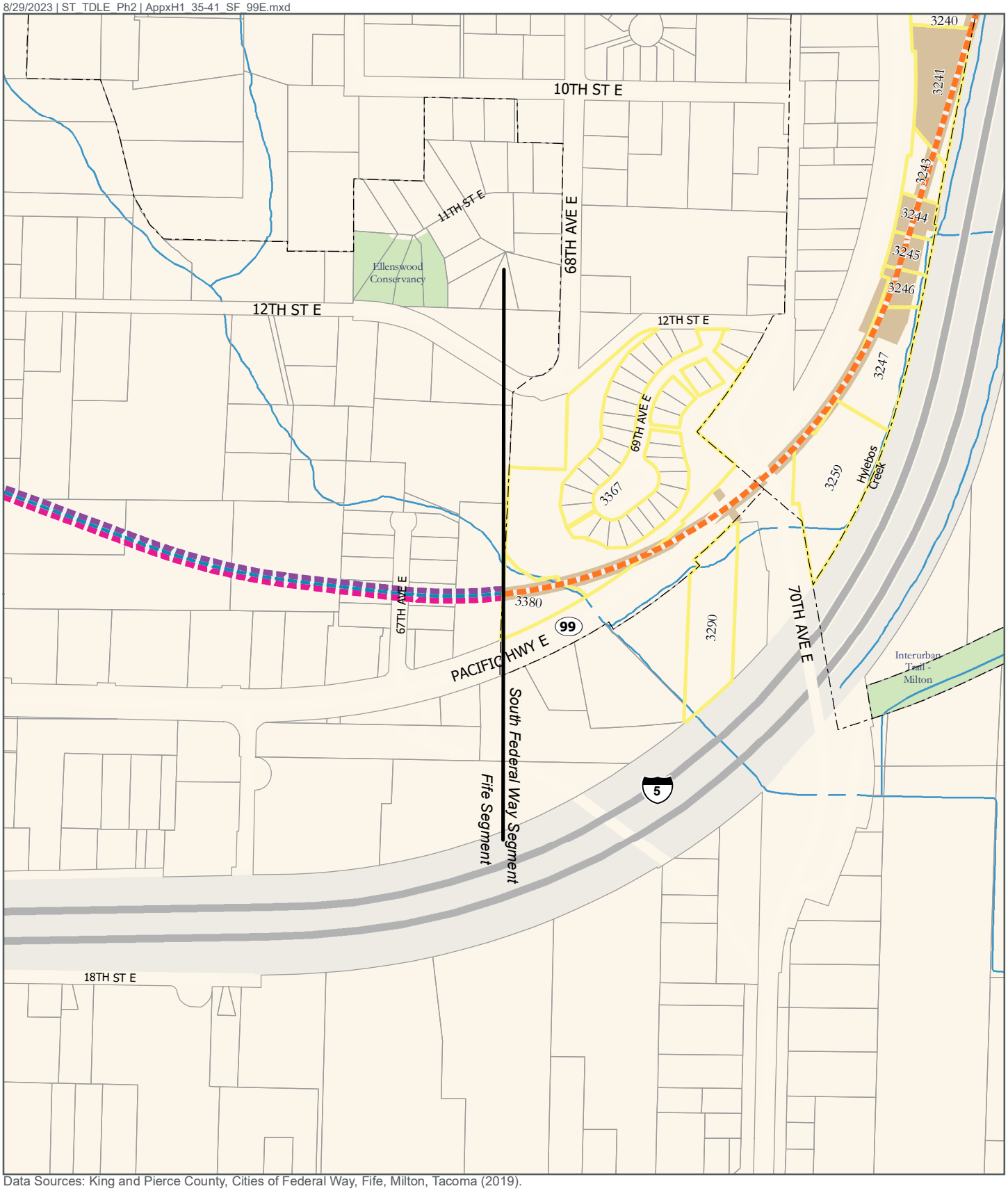

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

SF 99-East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-41

SF 99-East Alternative
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-42

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

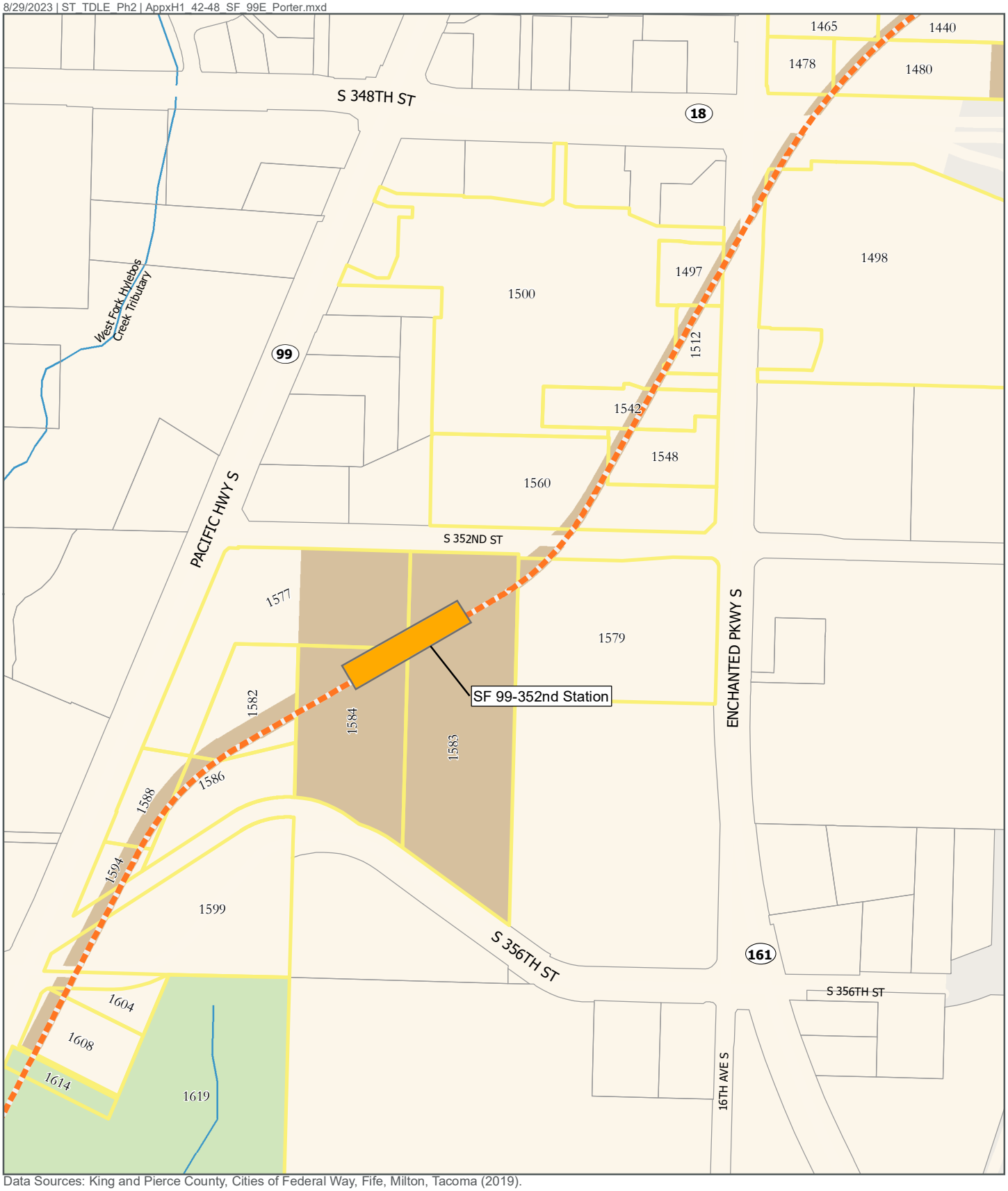

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-43

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

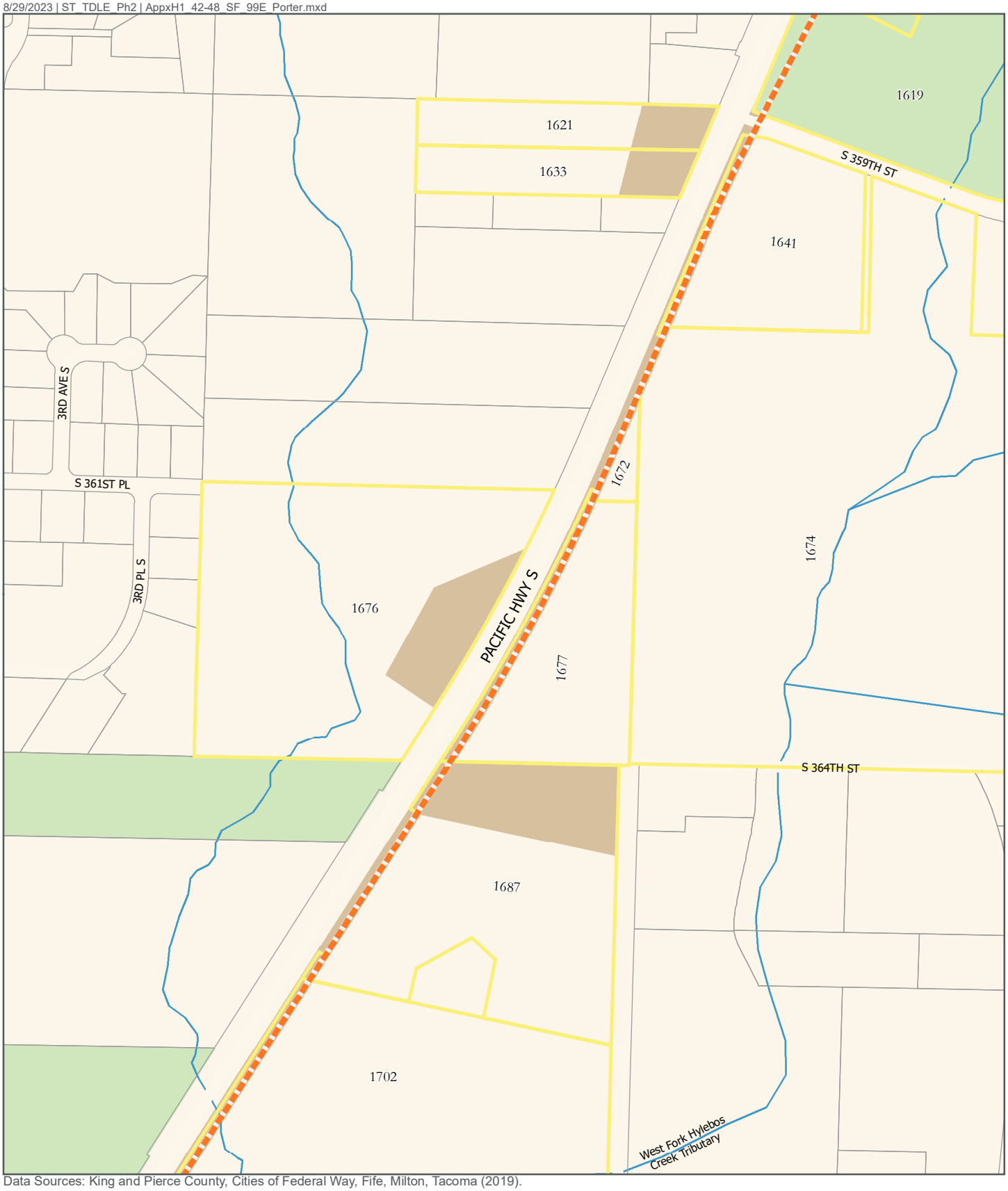

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-44

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

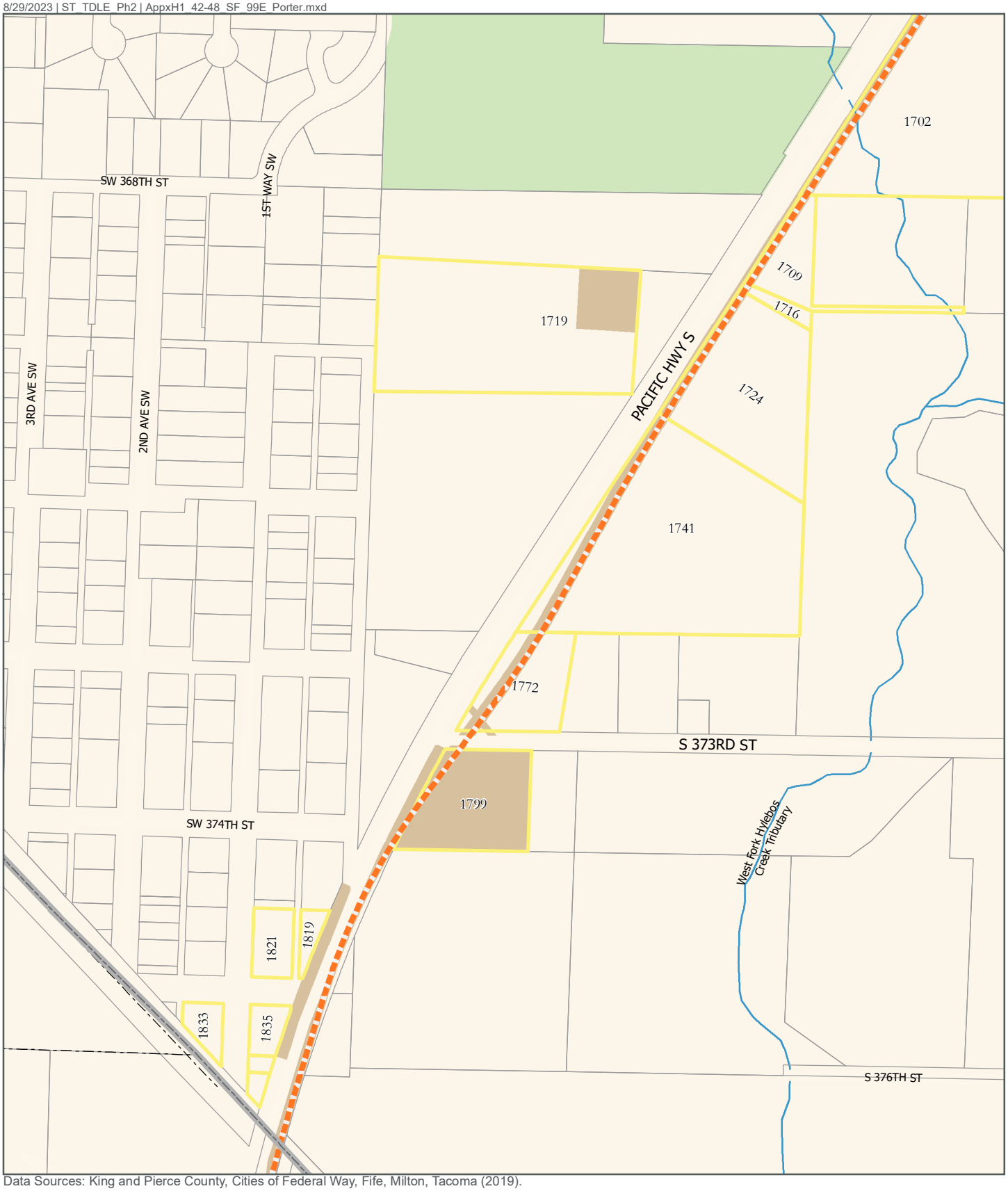

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-45

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-46

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

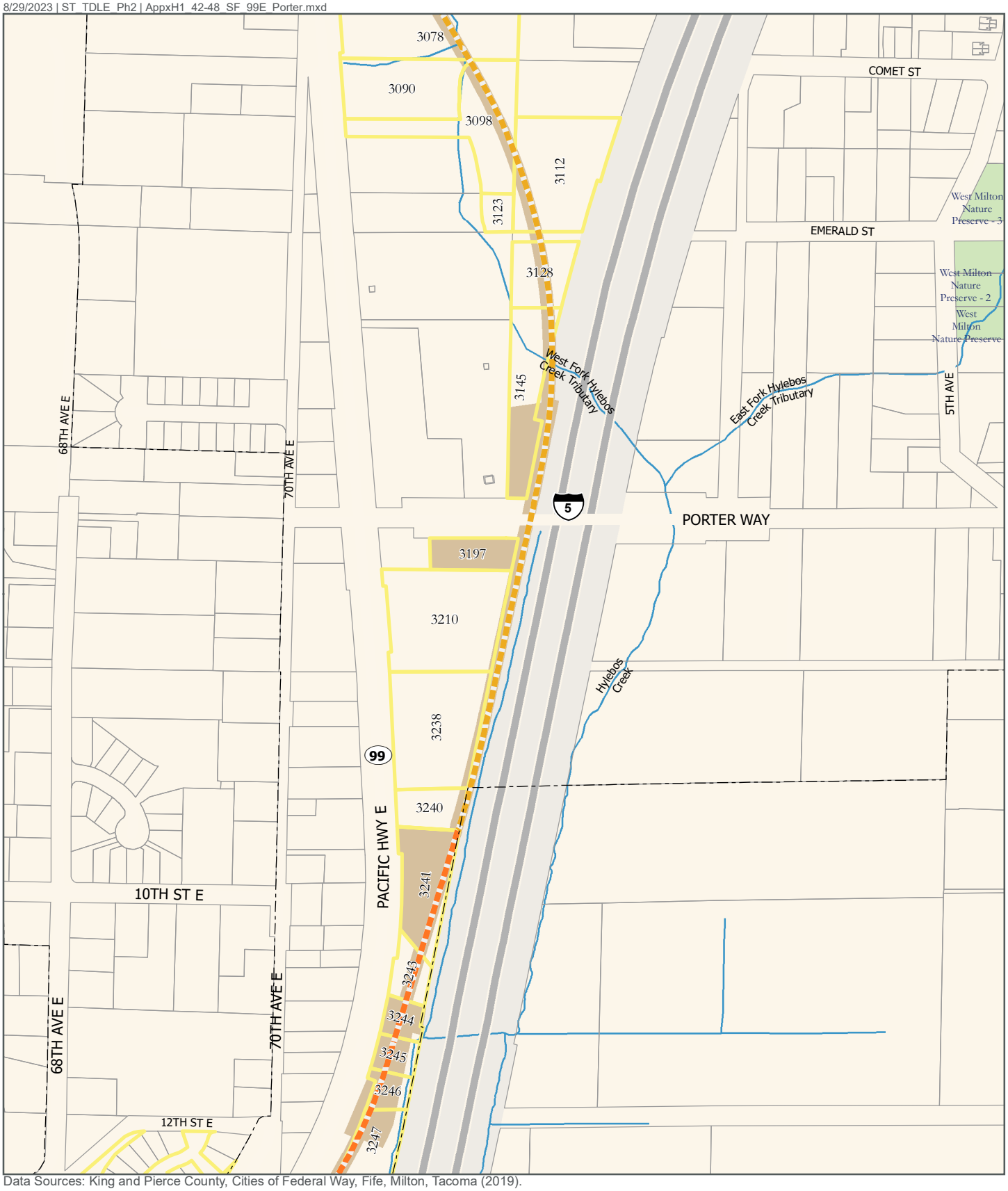

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-47

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

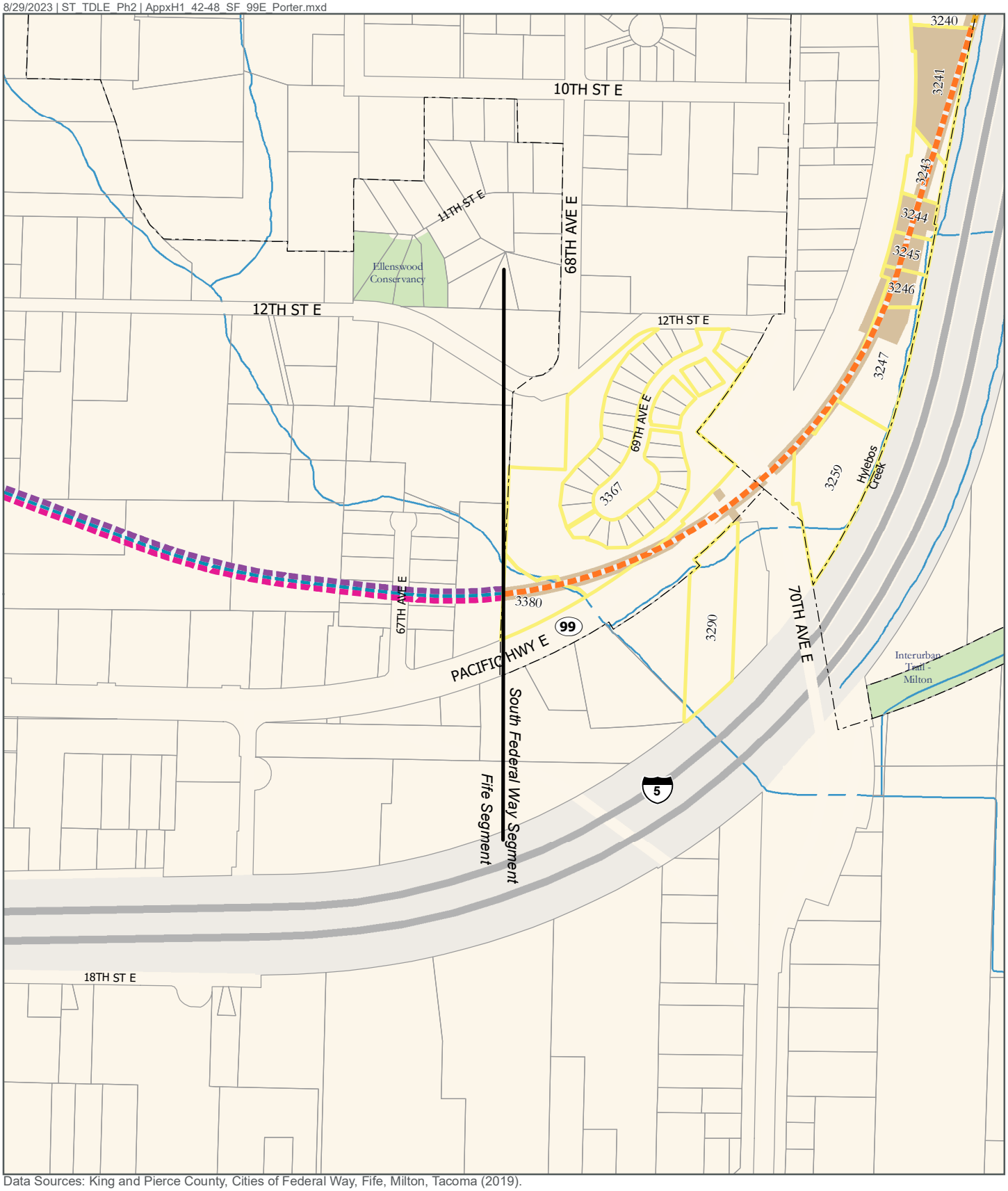

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Porter Way Design Option
- SF 99-East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-48

SF 99-East with Porter Way Design Option
Affected Parcels
South Federal Way Segment

Tacoma Dome Link Extension

0 250 500 Feet N

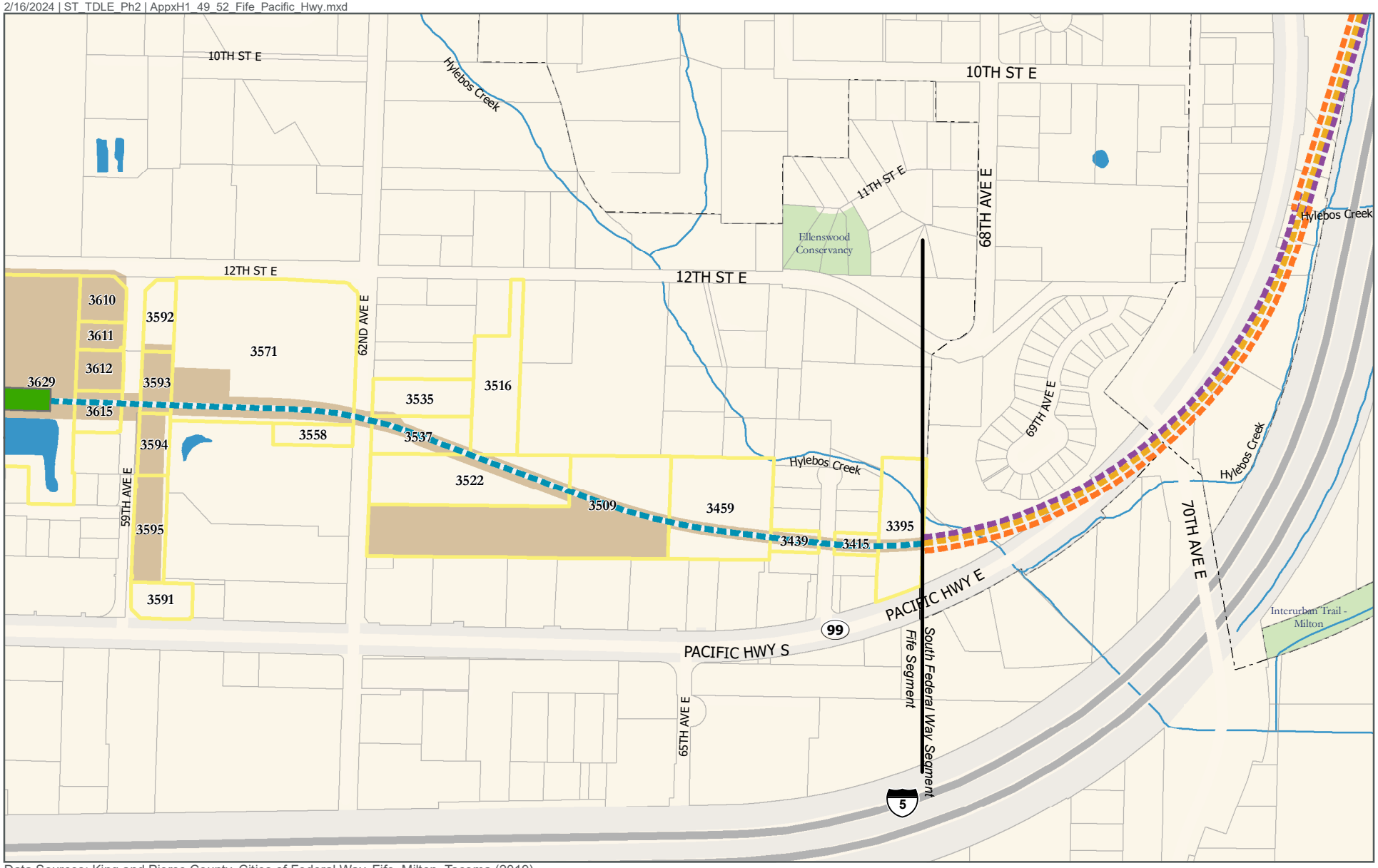

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-49
Fife Pacific Highway Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

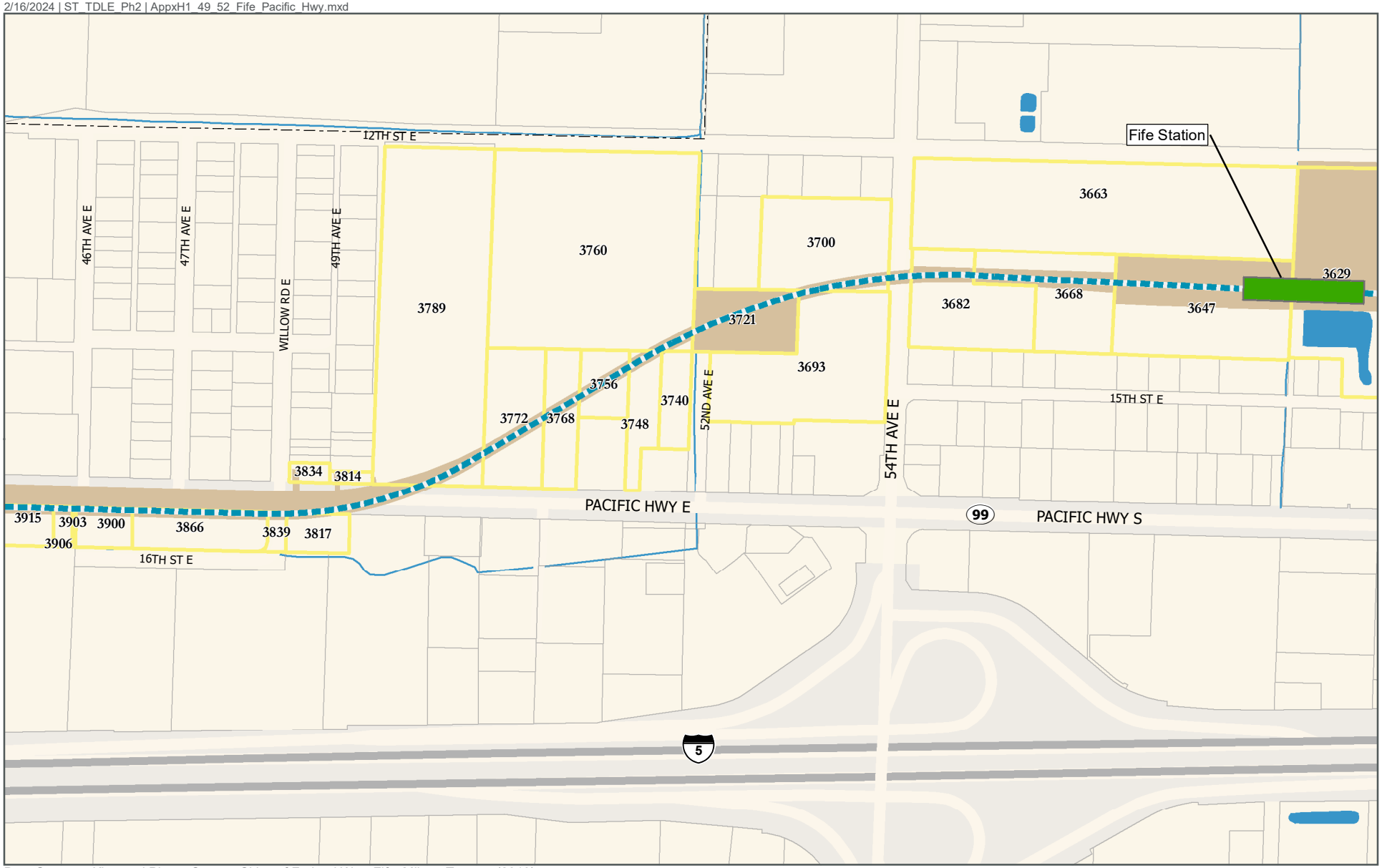

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-50
Fife Pacific Highway Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

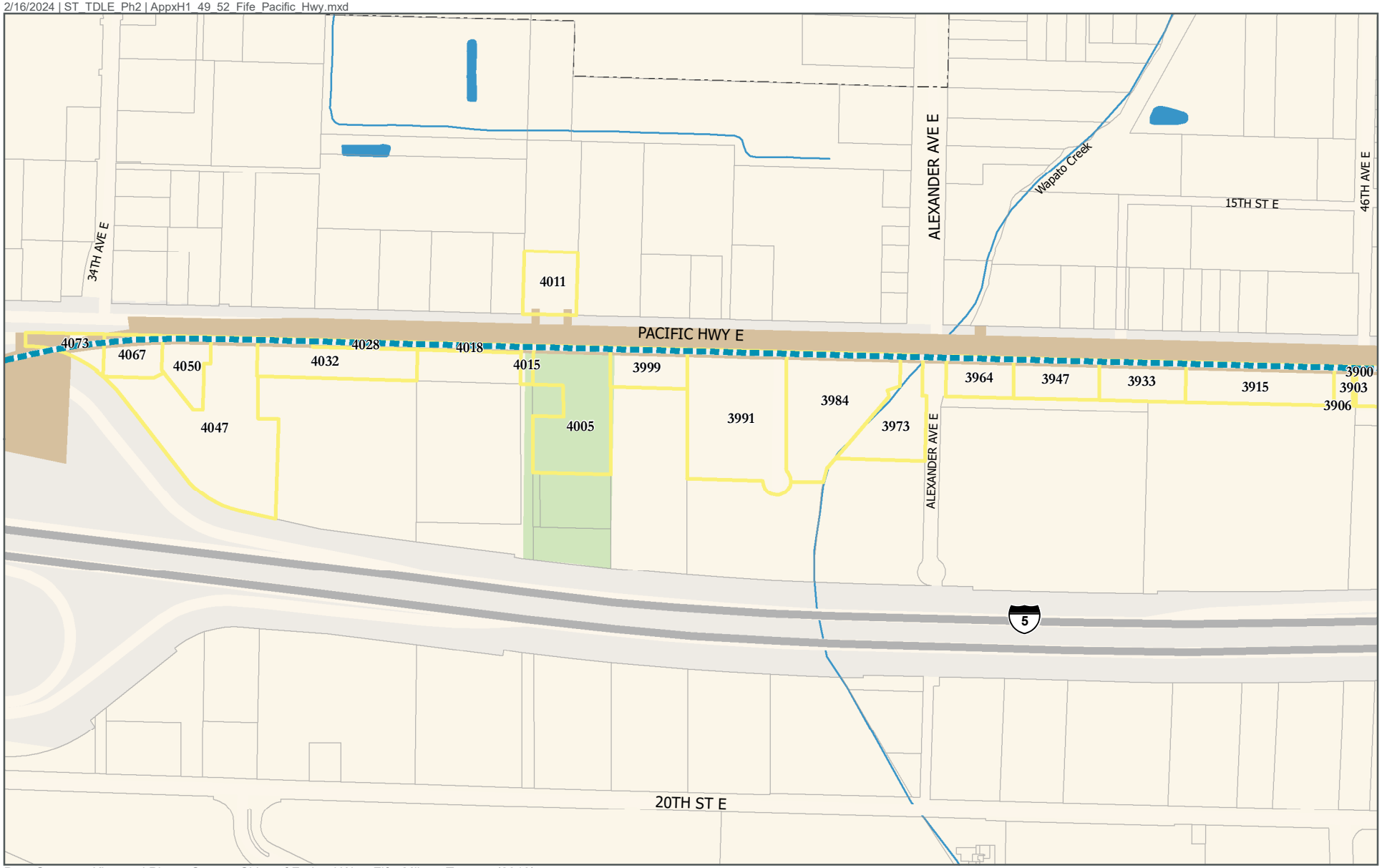

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-51
Fife Pacific Highway Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

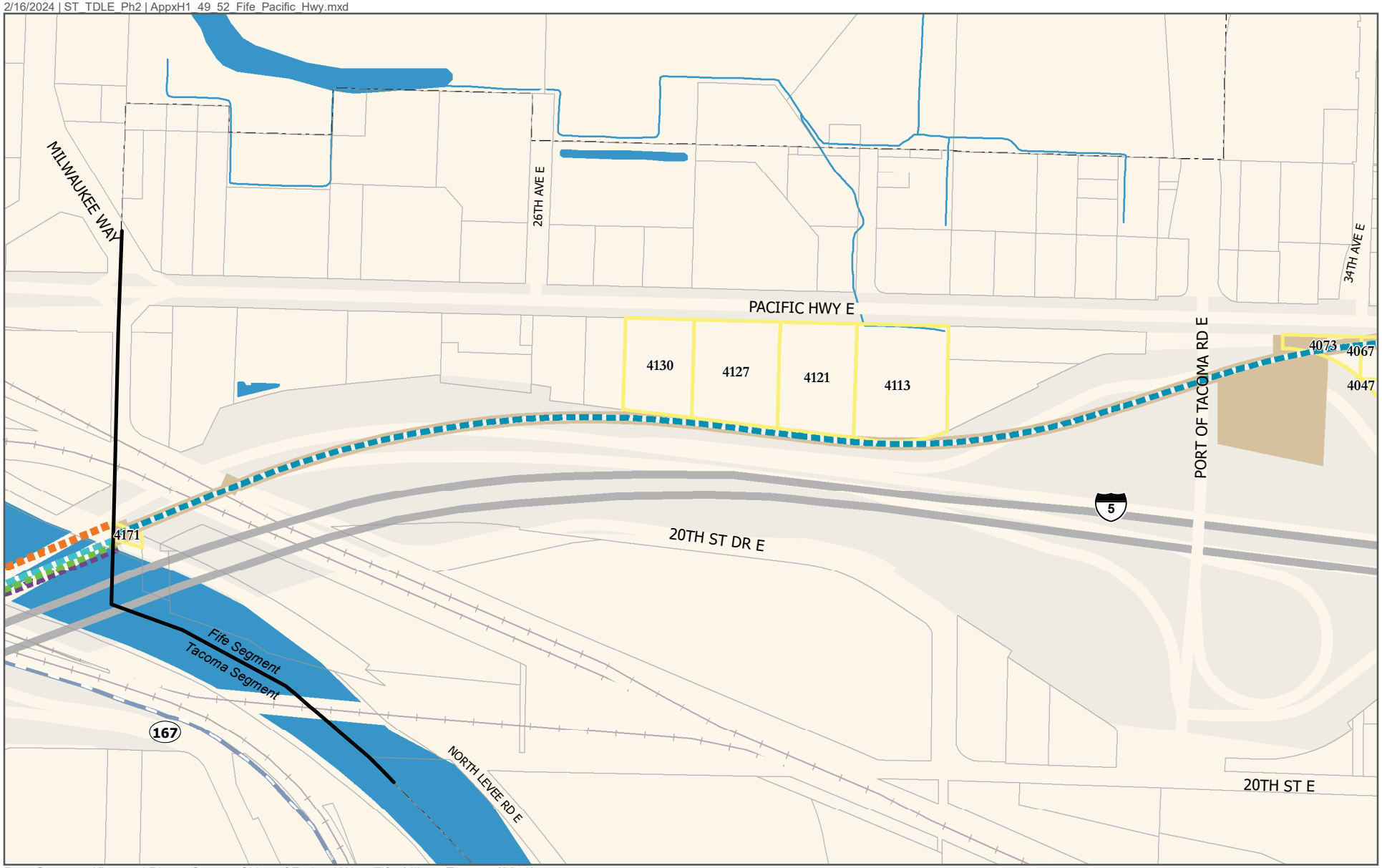

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-52
Fife Pacific Highway Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_53_56_Fife_Pacific_54th_Hwy.mxd

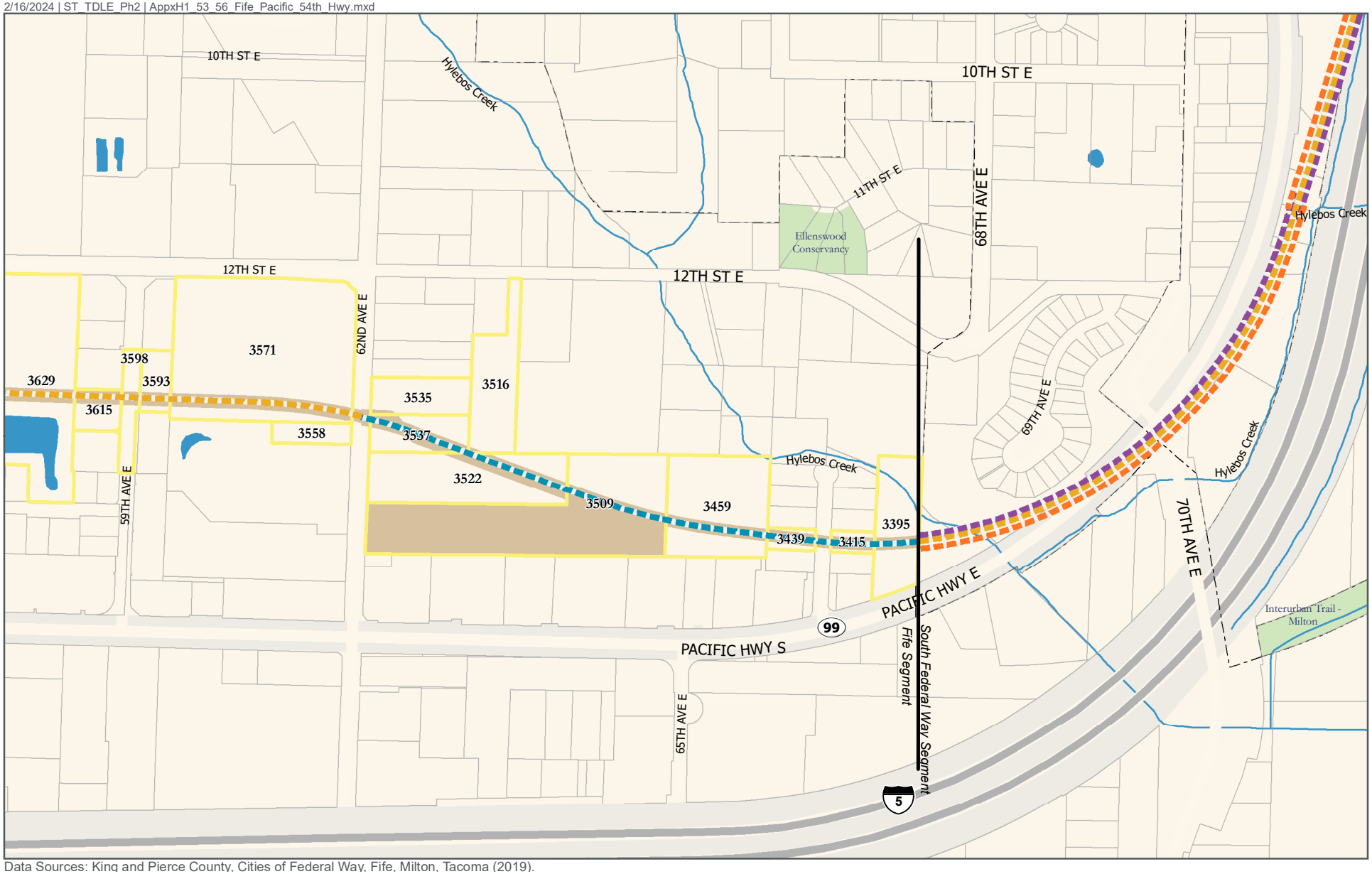

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Design
- Fife Pacific Highway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-53

Fife Pacific Highway with 54th Avenue Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_53_56_Fife_Pacific_54th_Hwy.mxd

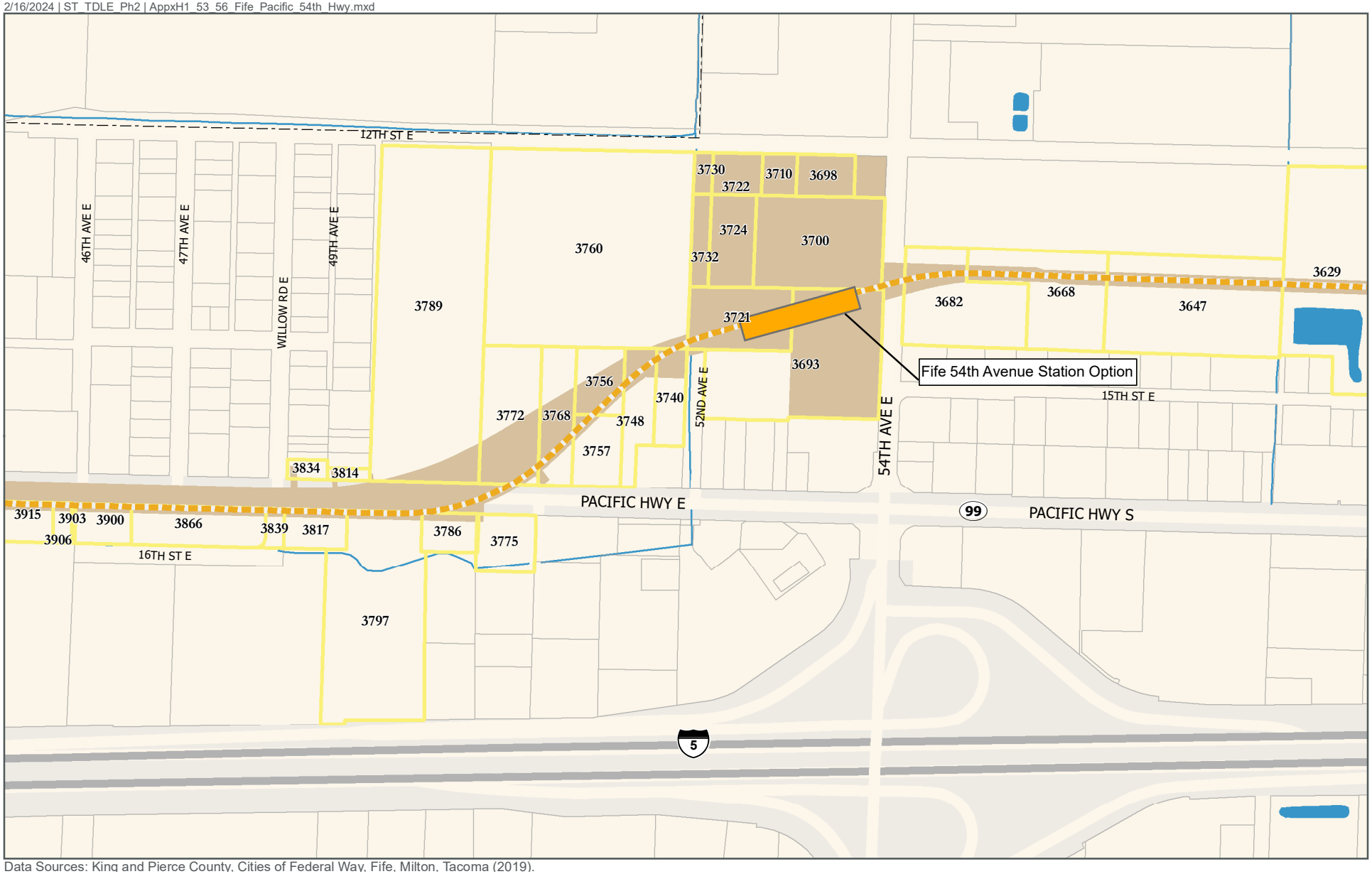

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Design
- Fife Pacific Highway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-54

Fife Pacific Highway with 54th Avenue Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_53_56_Fife_Pacific_54th_Hwy.mxd

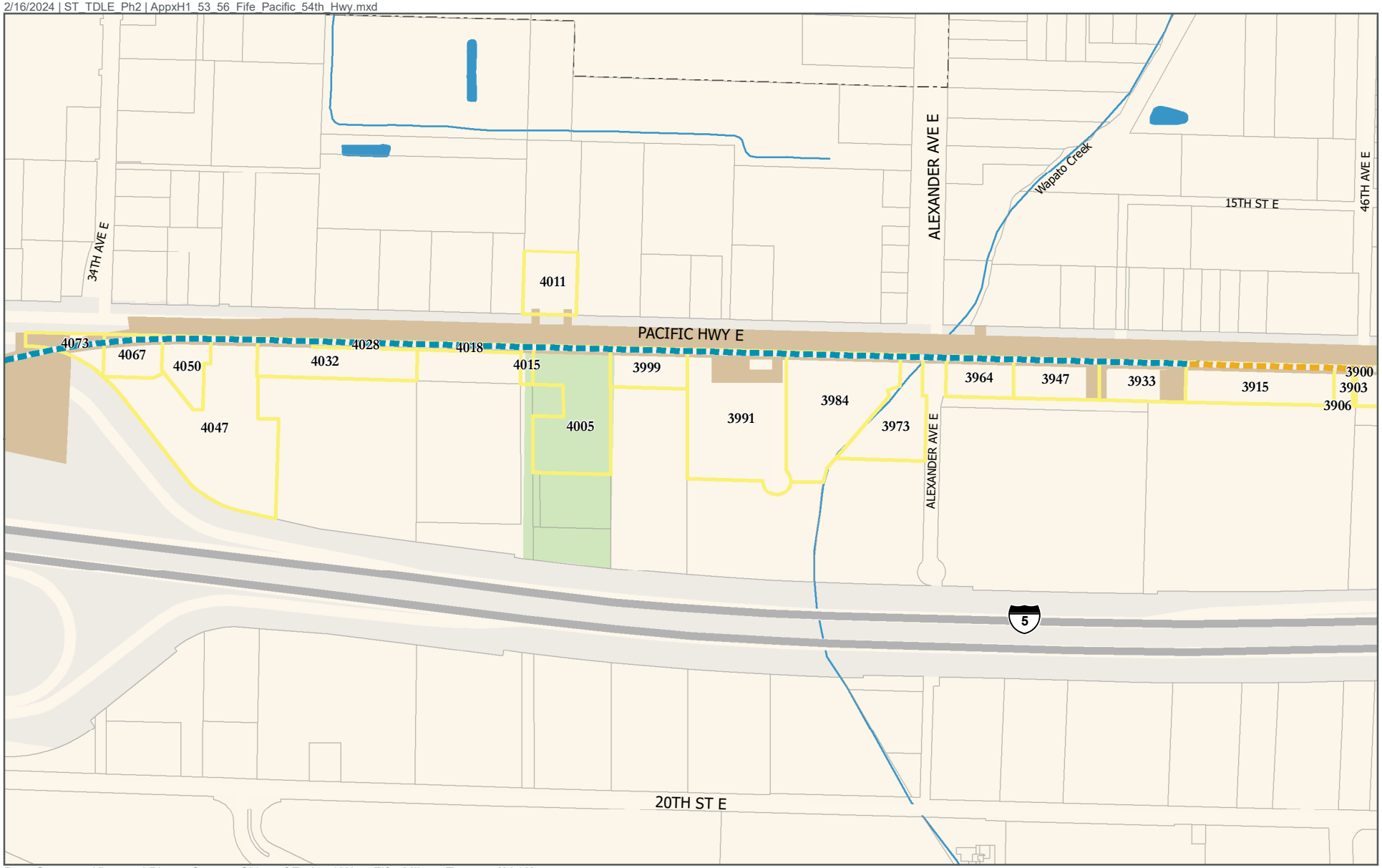

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Design
- Fife Pacific Highway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-55

Fife Pacific Highway with 54th Avenue Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_53_56_Fife_Pacific_54th_Hwy.mxd

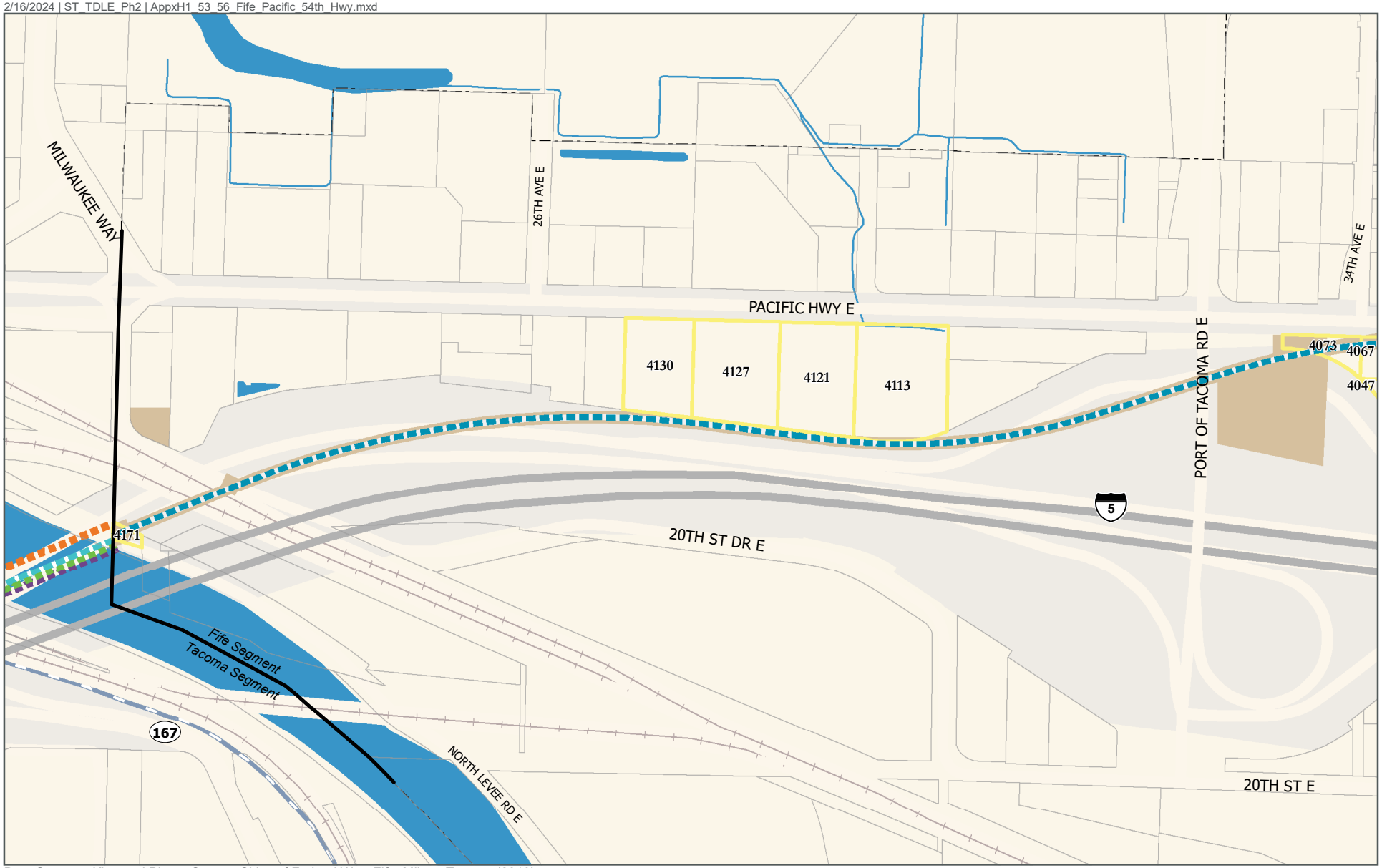

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-56
Fife Pacific Highway with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_57_60_Fife_Pacific_54thSpan_Hwy.mxd

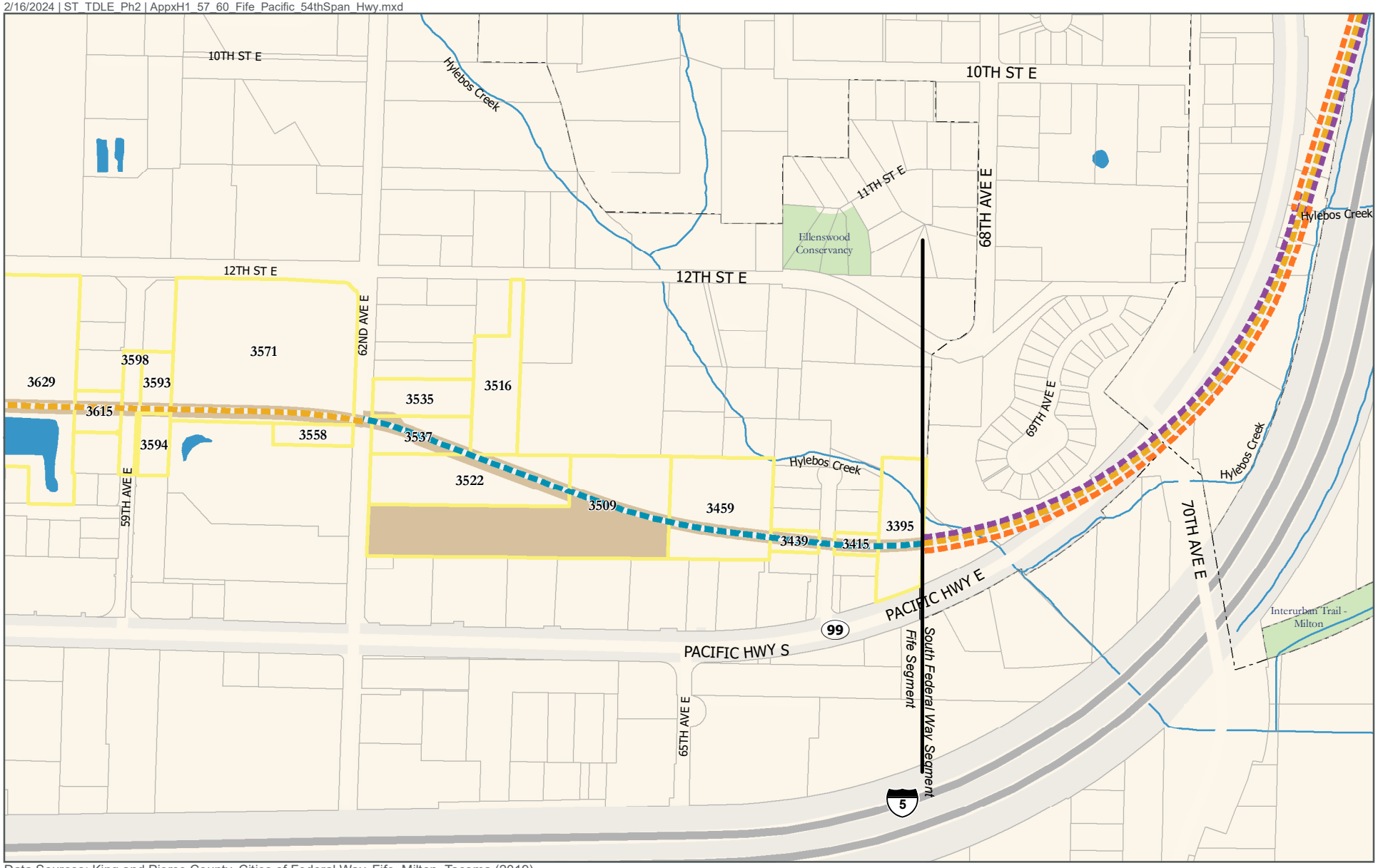

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife Pacific Highway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-57

Fife Pacific Highway with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_57_60_Fife_Pacific_54thSpan_Hwy.mxd

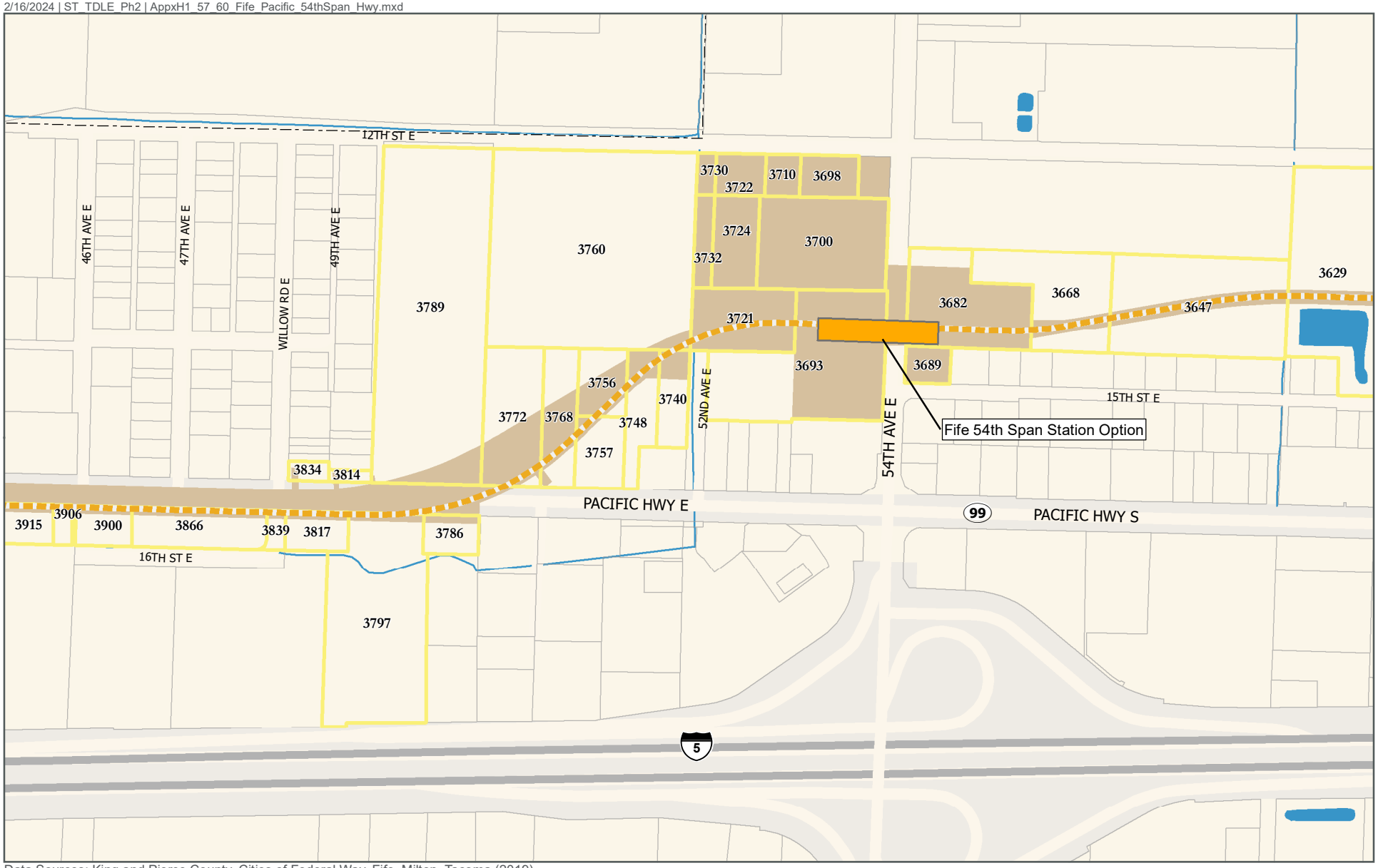

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife Pacific Highway

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-58

Fife Pacific Highway with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_57_60_Fife_Pacific_54thSpan_Hwy.mxd

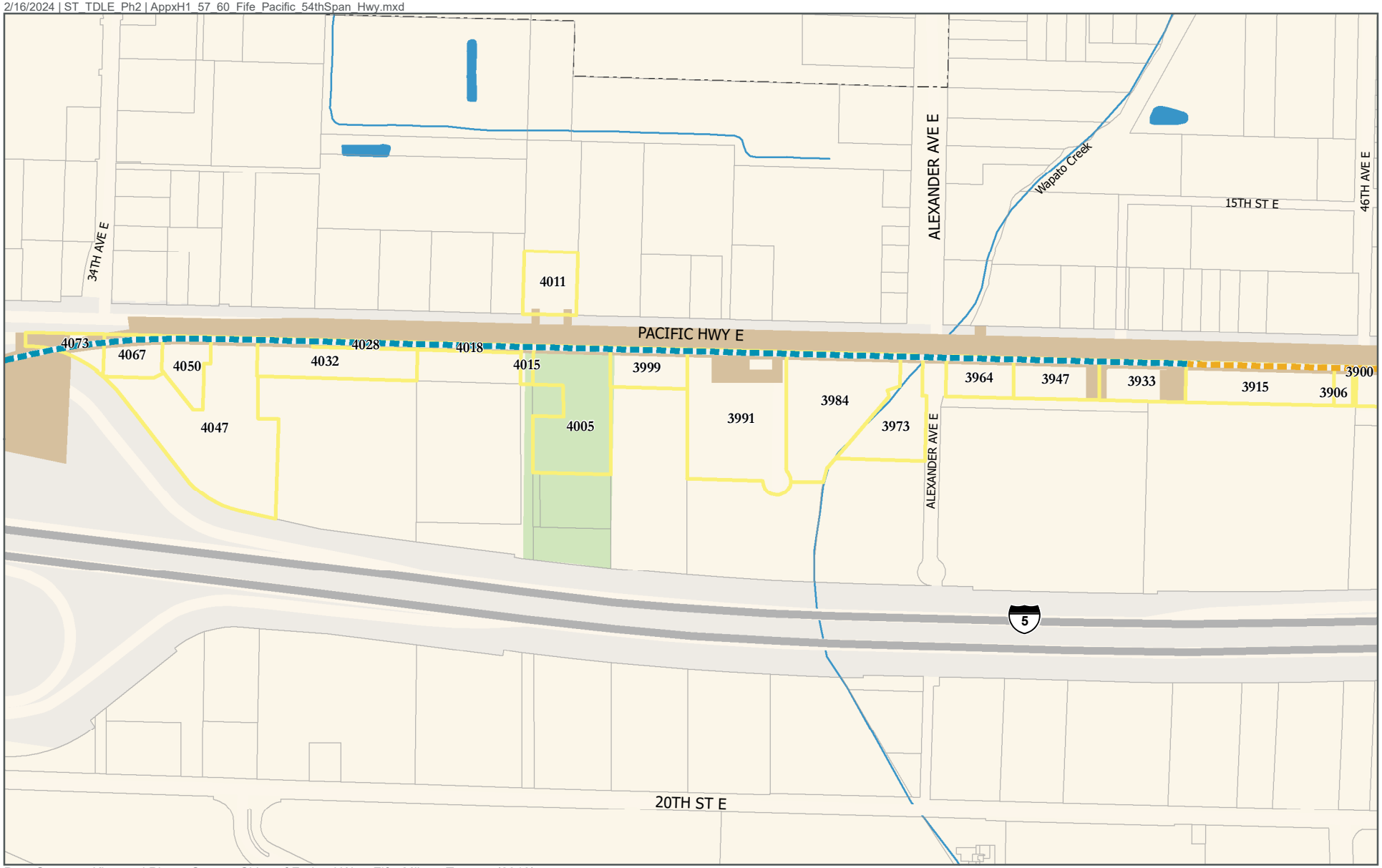

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Span Design
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-59
Fife Pacific Highway with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_57_60_Fife_Pacific_54thSpan_Hwy.mxd

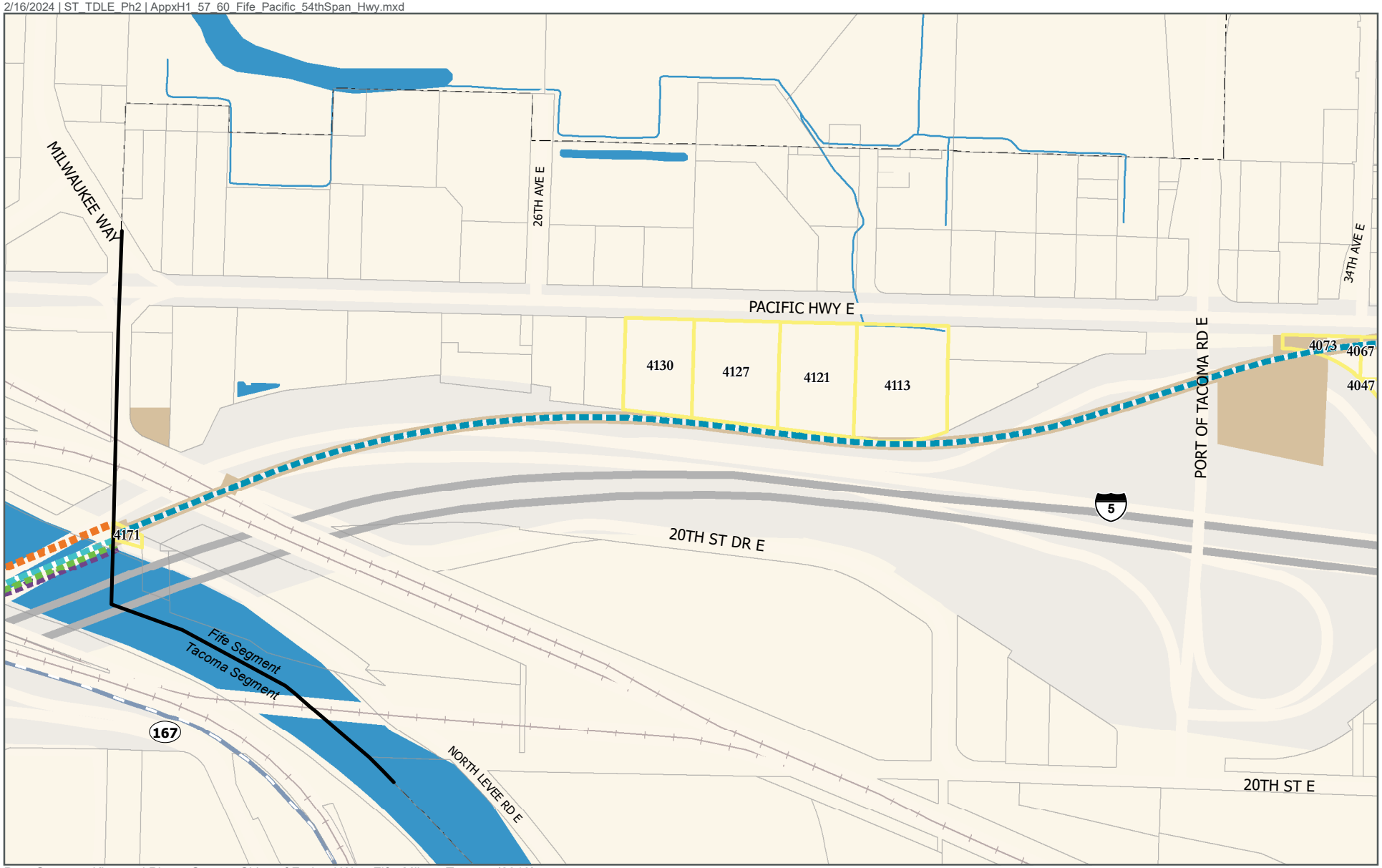

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Span Design
- Fife Pacific Highway

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-60
Fife Pacific Highway with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

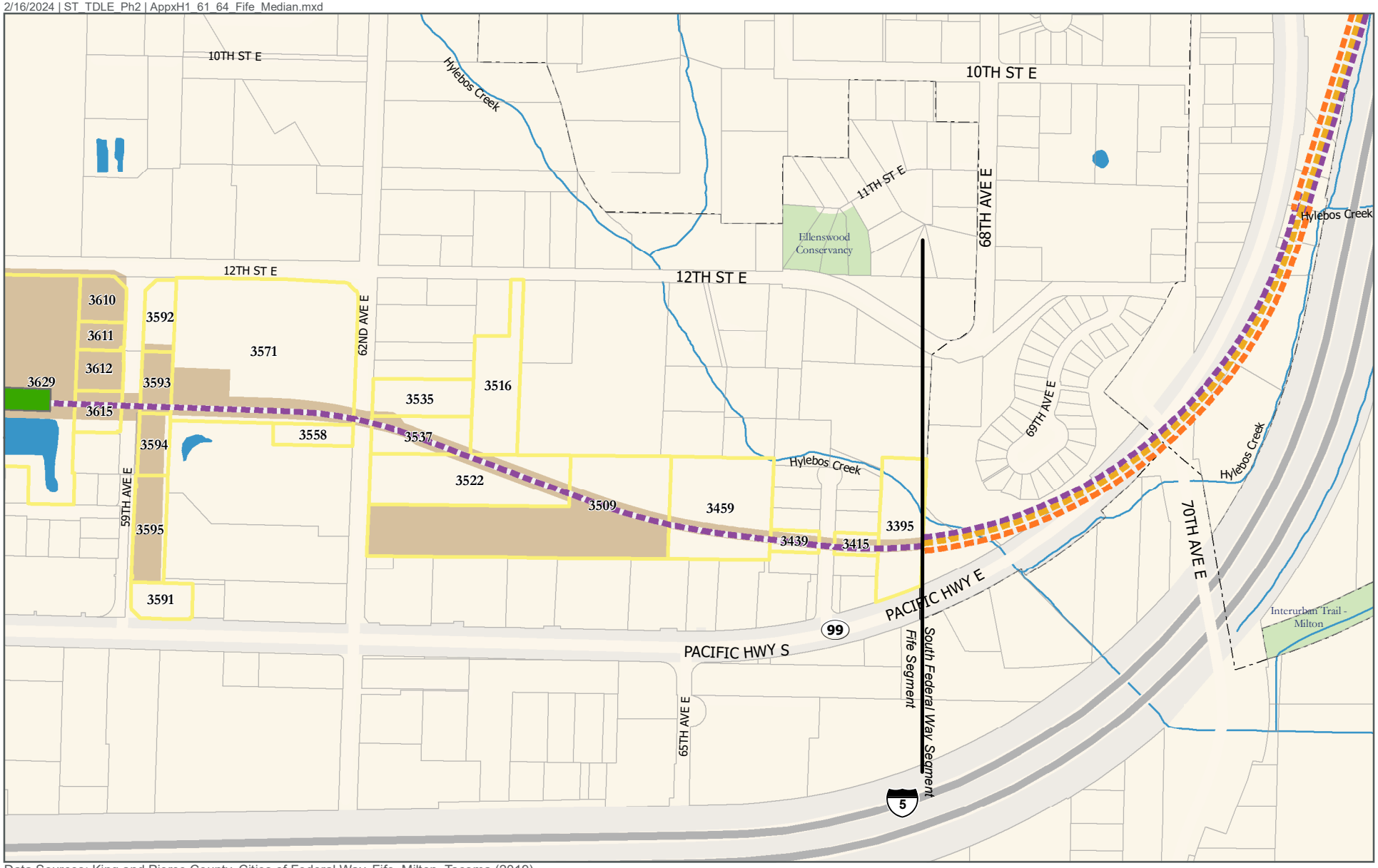

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-61
Fife Pacific Highway Median Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

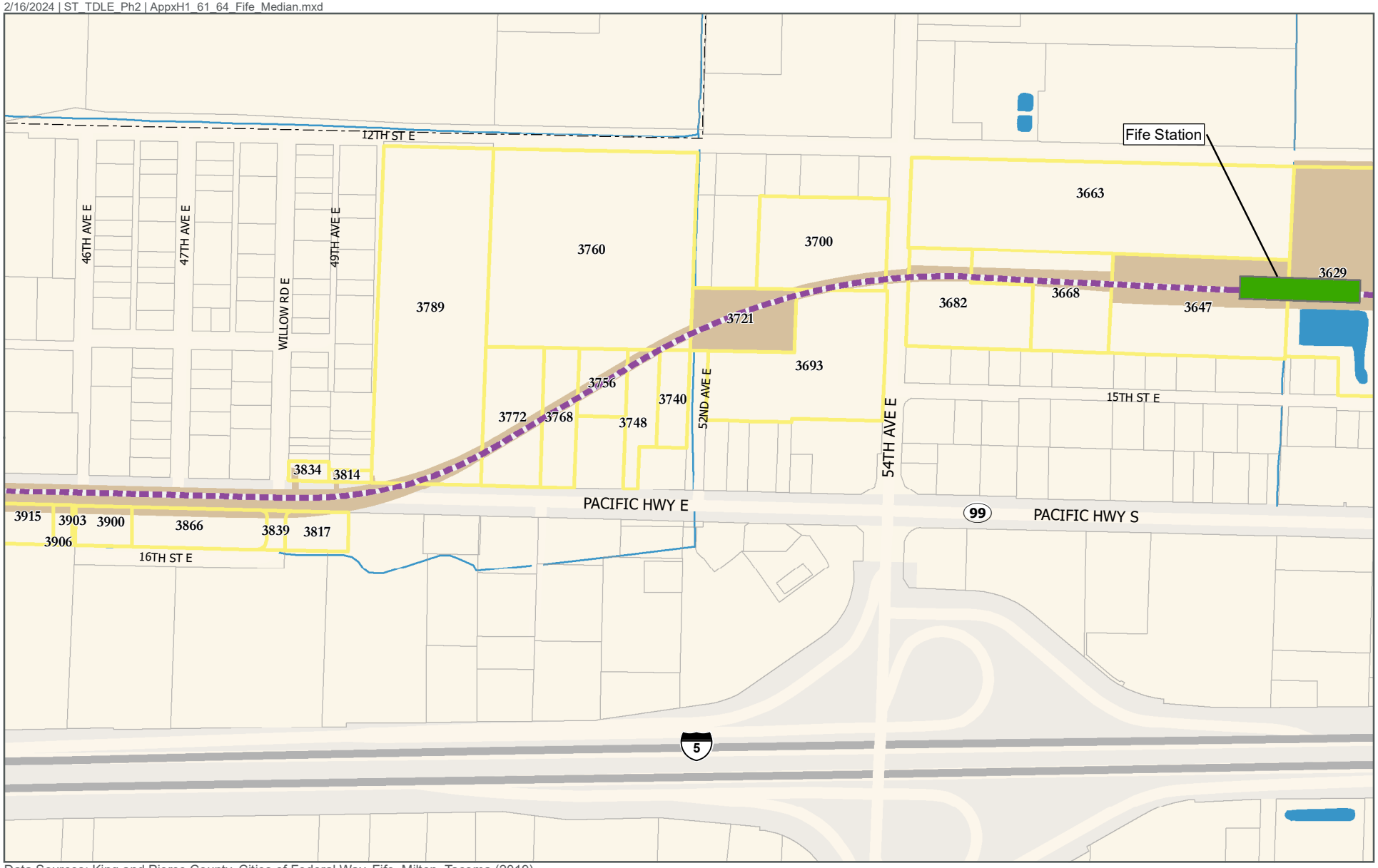

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

Fife Pacific Highway Median

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-62

Fife Pacific Highway Median Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_61_64_Fife_Median.mxd

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-63
Fife Pacific Highway Median Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

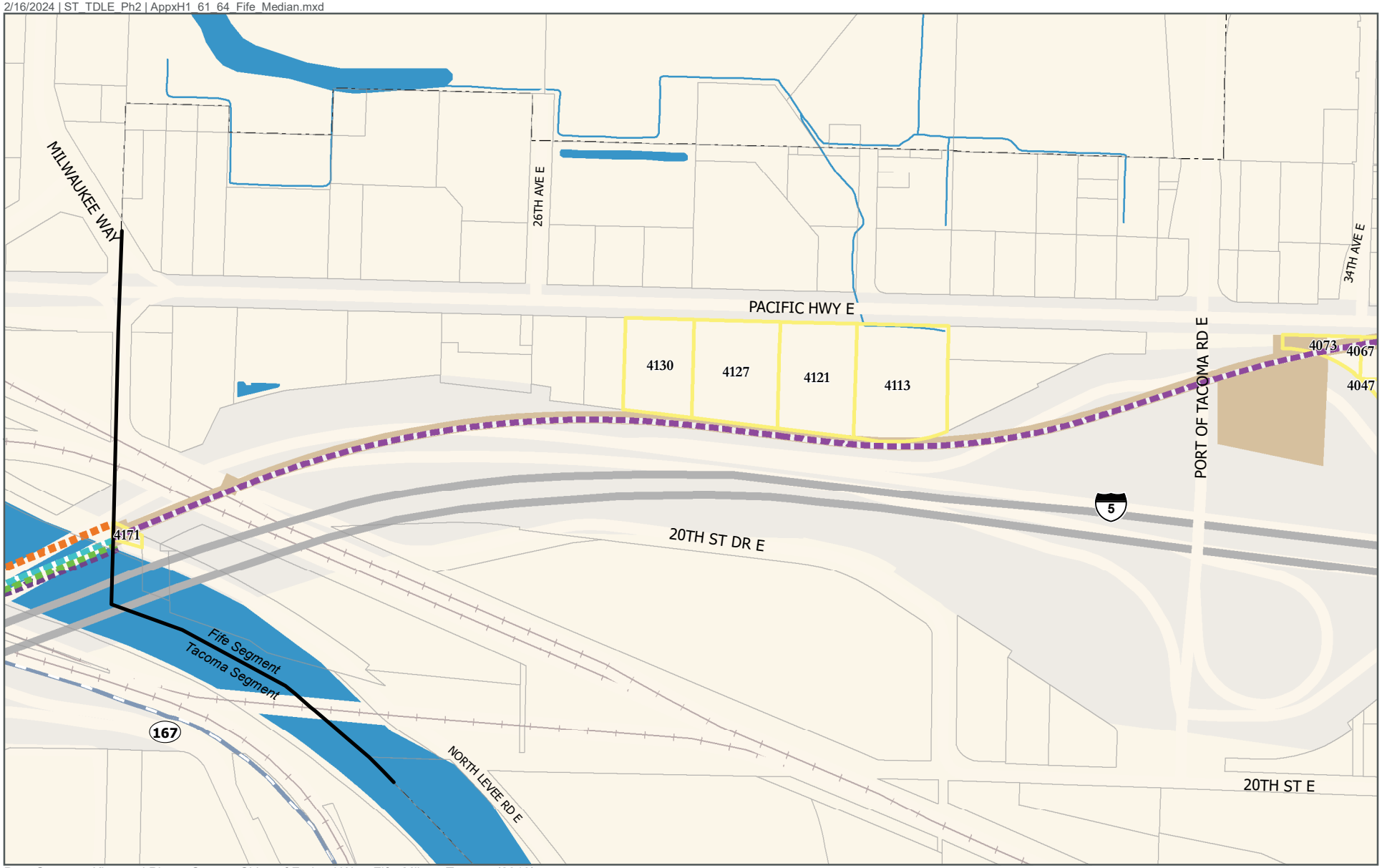

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-64
Fife Pacific Highway Median Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_65_68_Fife_Median_54th_Hwy.mxd

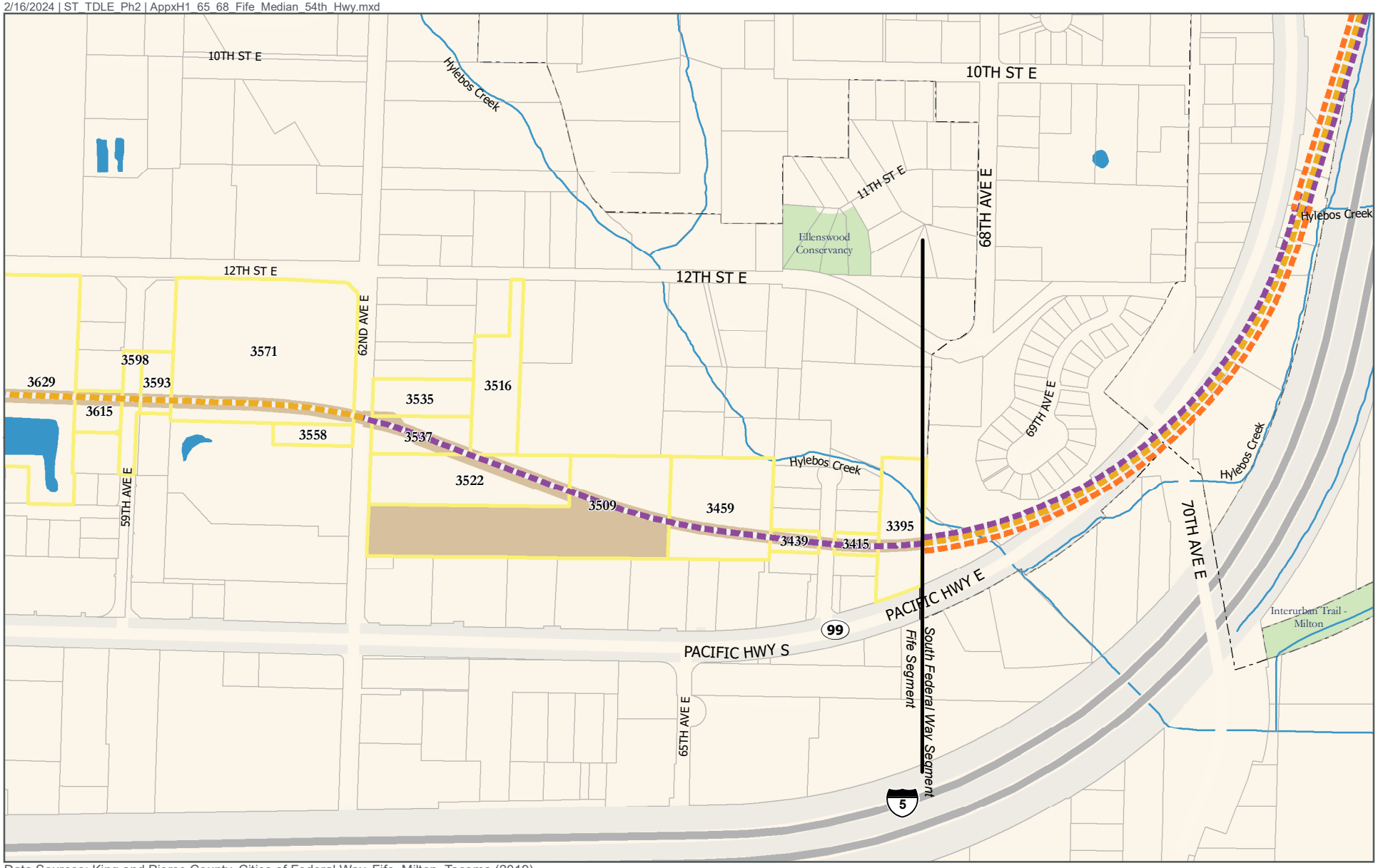

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-65
Fife Pacific Highway Median with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_65_68_Fife_Median_54th_Hwy.mxd

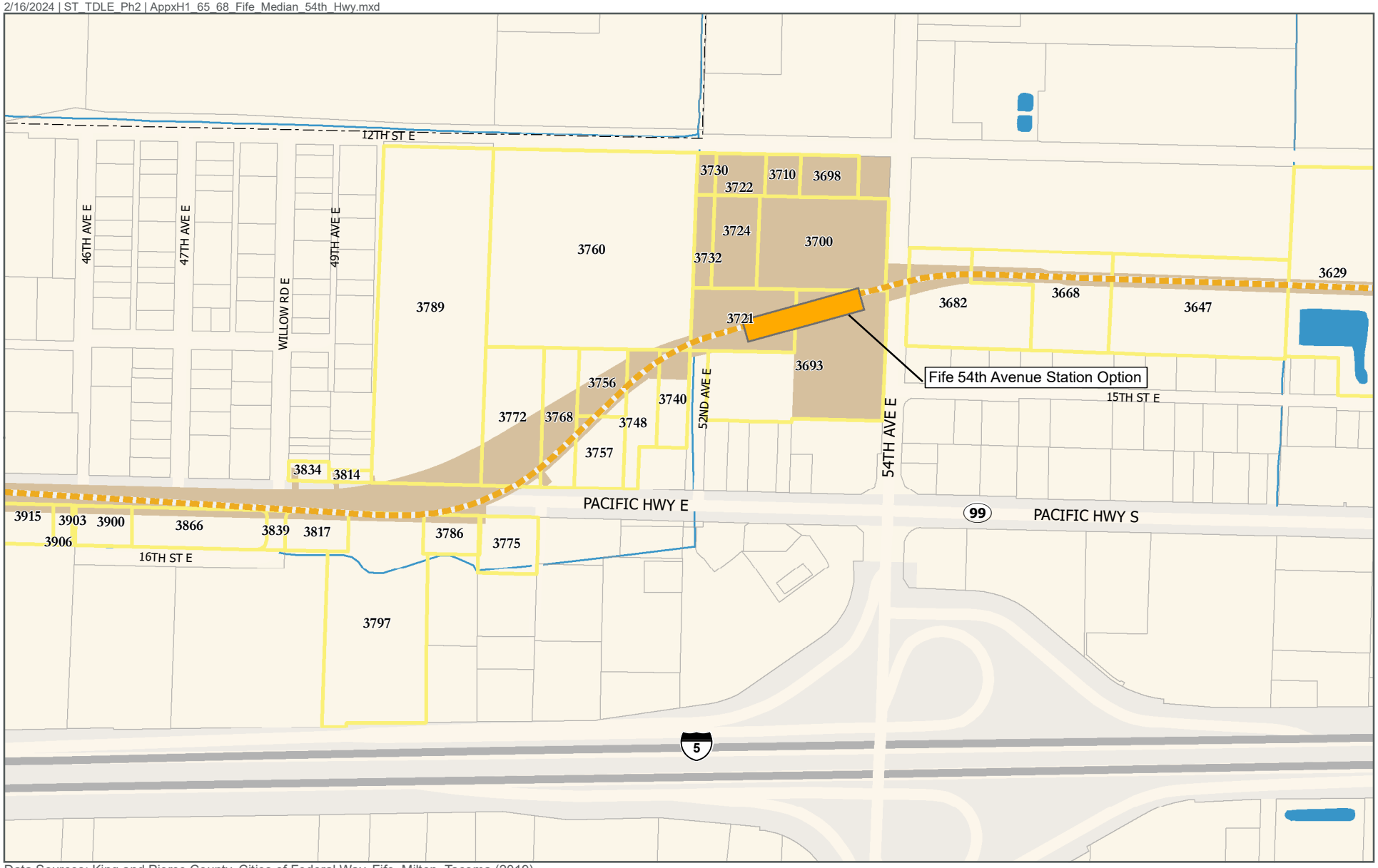

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-66
Fife Pacific Highway Median with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_65_68_Fife_Median_54th_Hwy.mxd

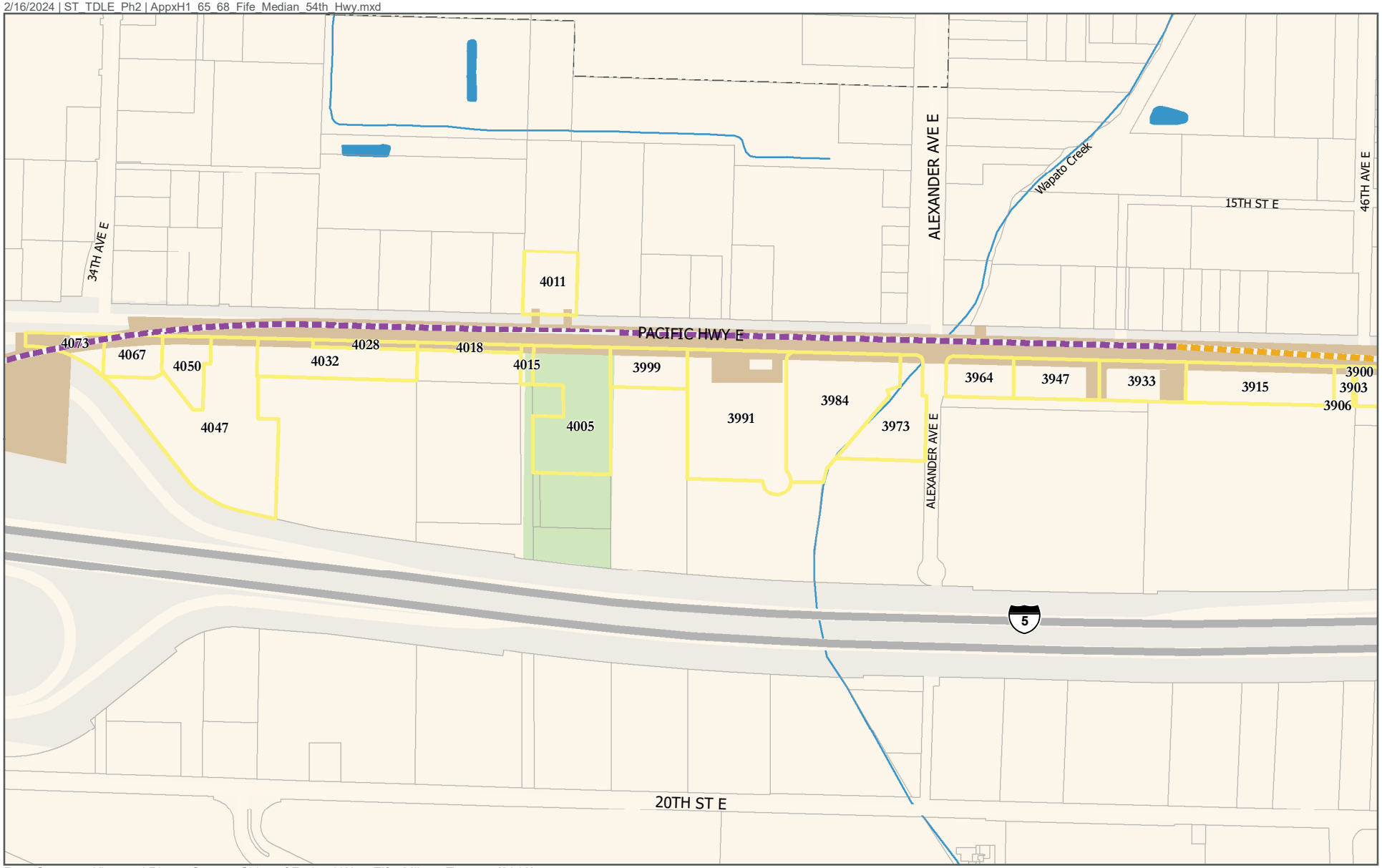

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-67
Fife Pacific Highway Median with 54th Avenue Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_65_68_Fife_Median_54th_Hwy.mxd

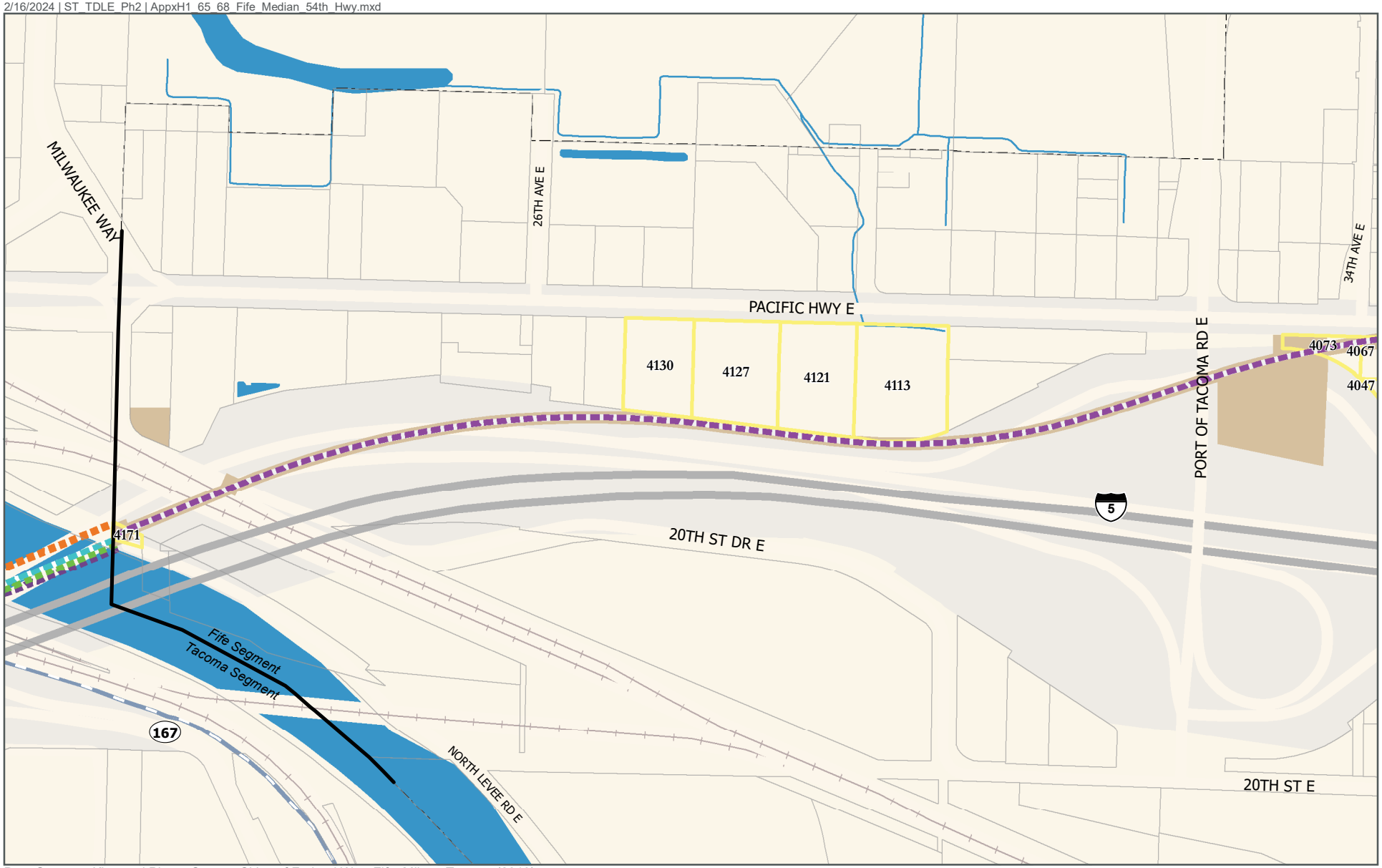

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-68
Fife Pacific Highway Median with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_69_72_Fife_Median_54thSpan_Hwy.mxd

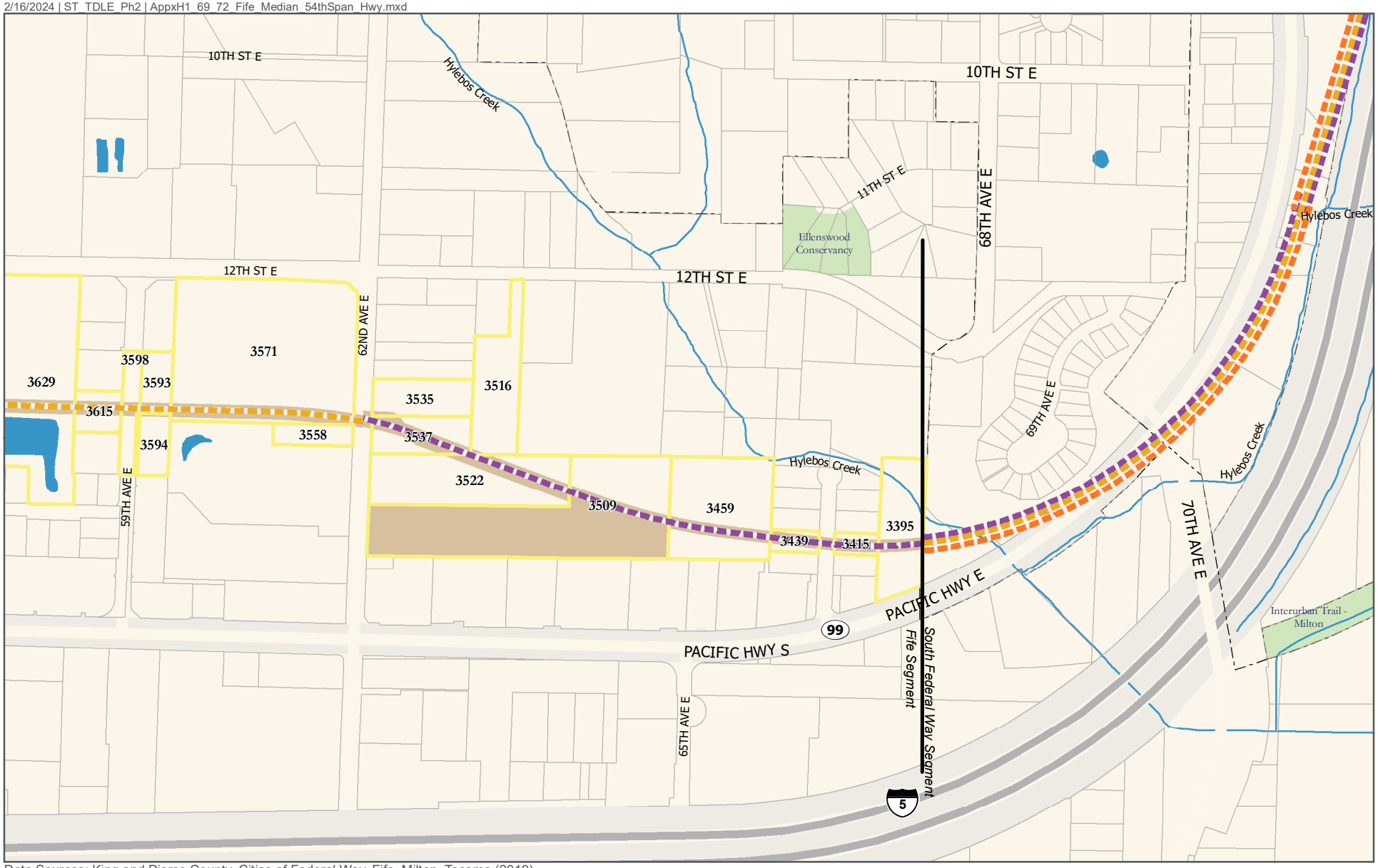

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife Pacific Highway Median

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-69

Fife Pacific Highway Median with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_69_72_Fife_Median_54thSpan_Hwy.mxd

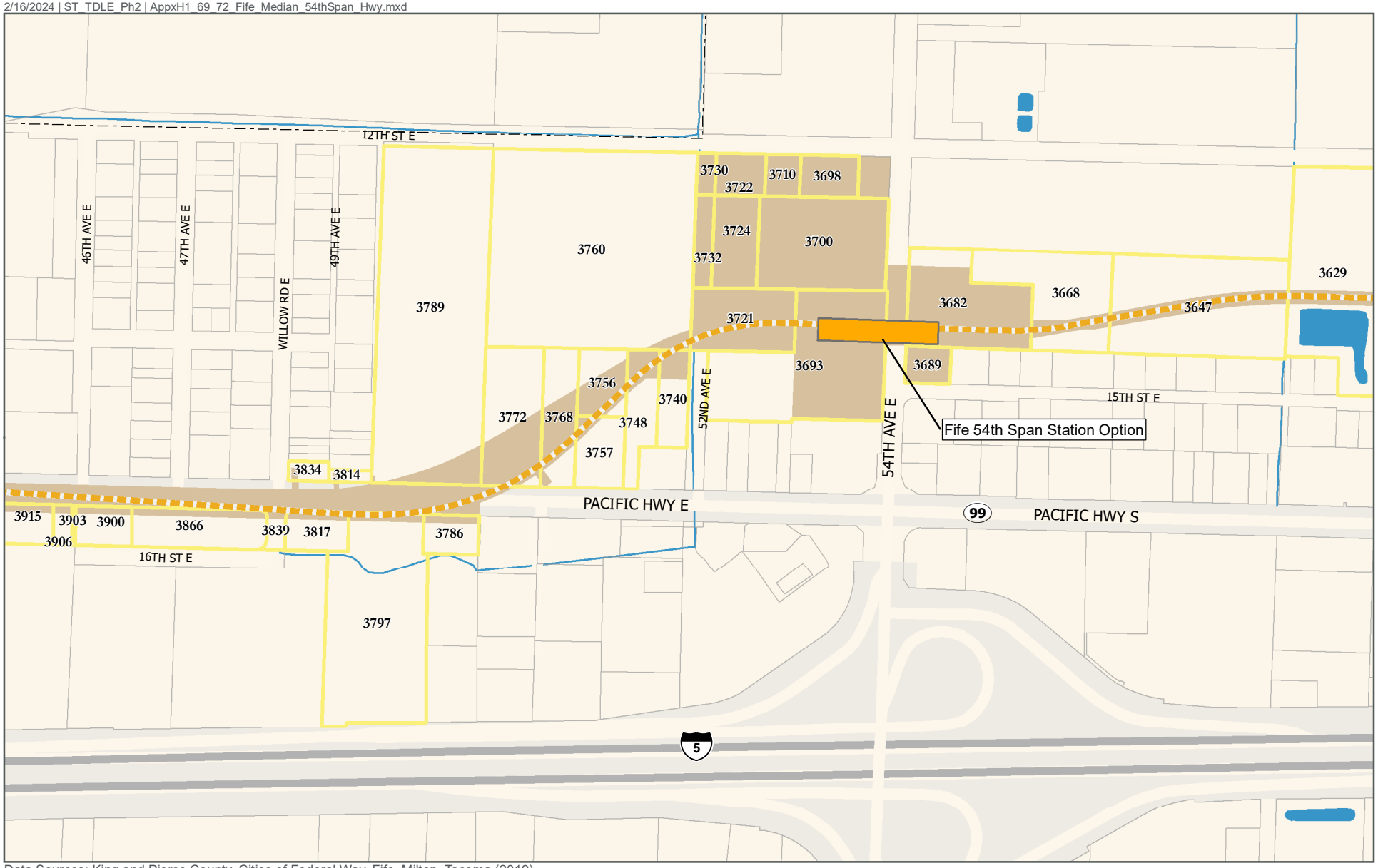

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife Pacific Highway Median

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-70

Fife Pacific Highway Median with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_69_72_Fife_Median_54thSpan_Hwy.mxd

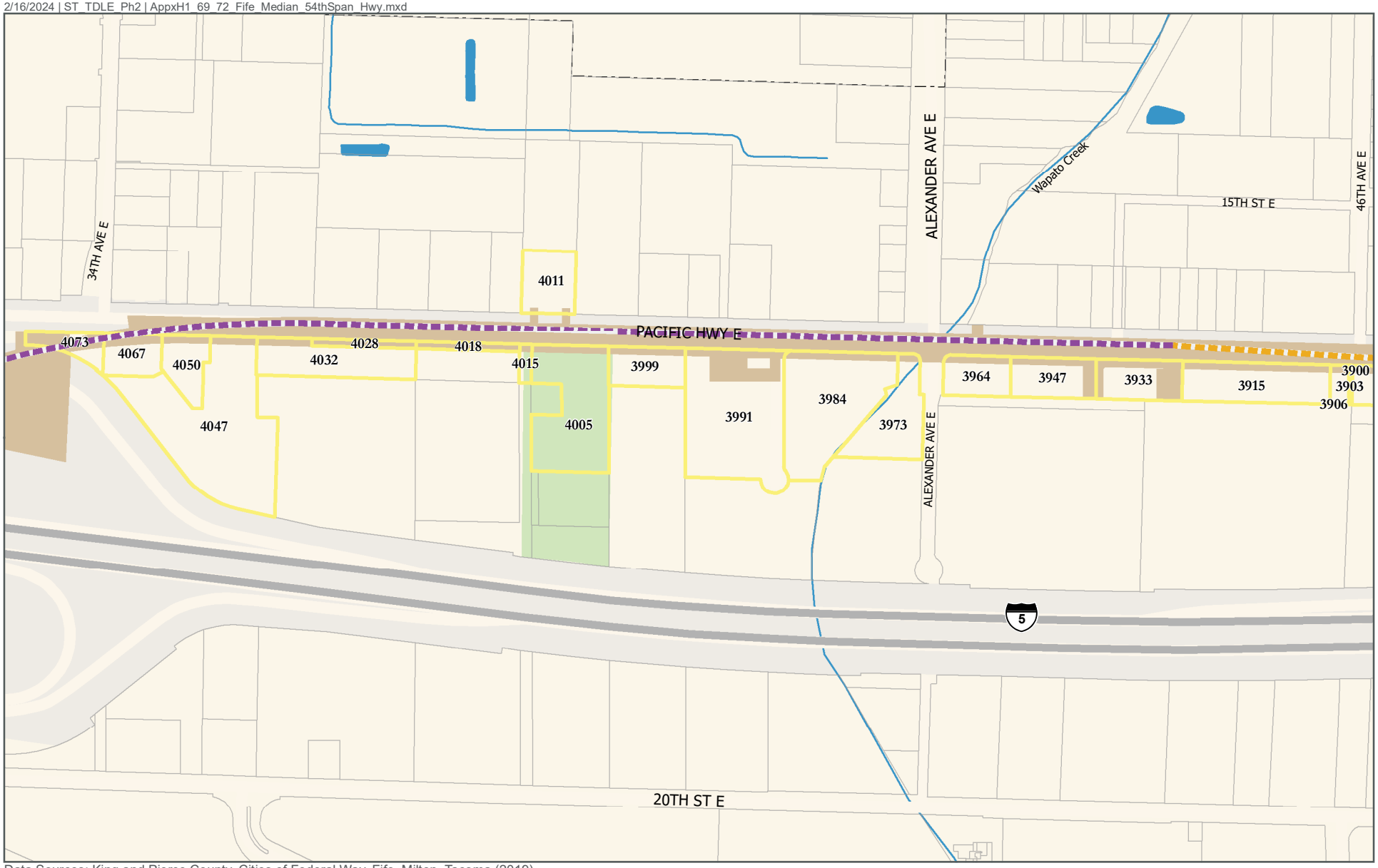

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife Pacific Highway Median

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-71

Fife Pacific Highway Median with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_69_72_Fife_Median_54thSpan_Hwy.mxd

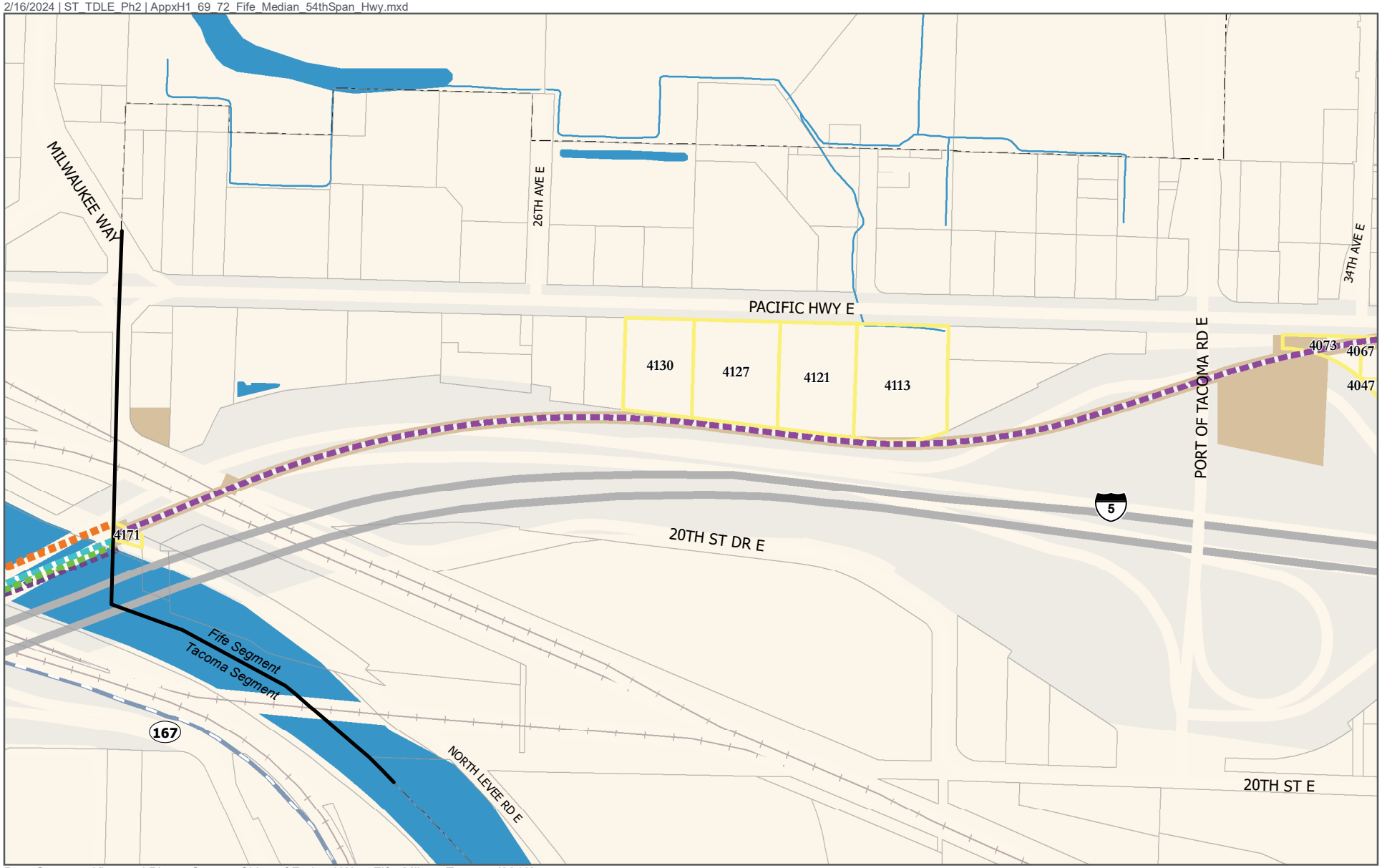

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Span Design
- Fife Pacific Highway Median

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-72
Fife Pacific Highway Median with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

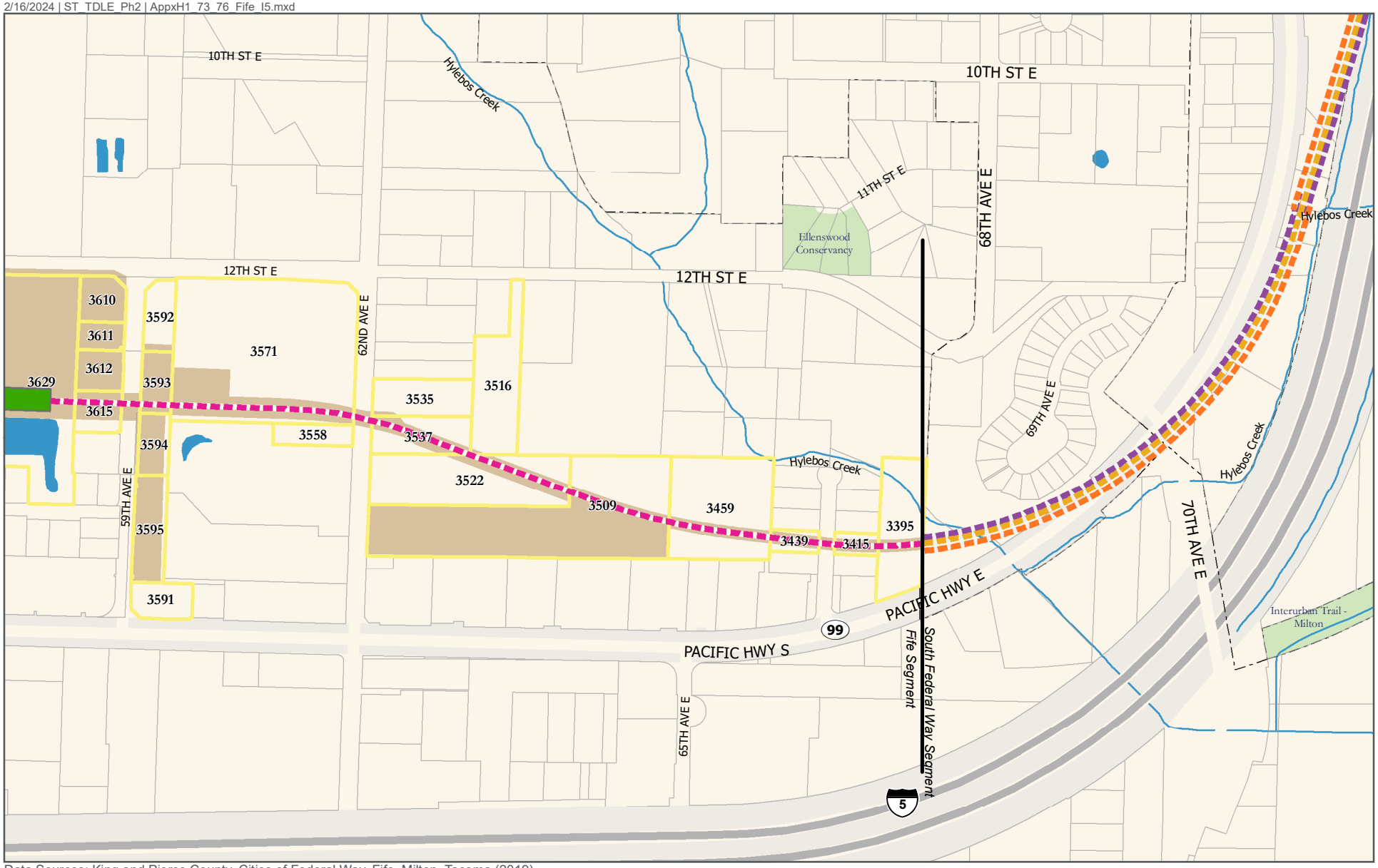

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-73
Fife I-5 Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_73_76_Fife_I5.mxd

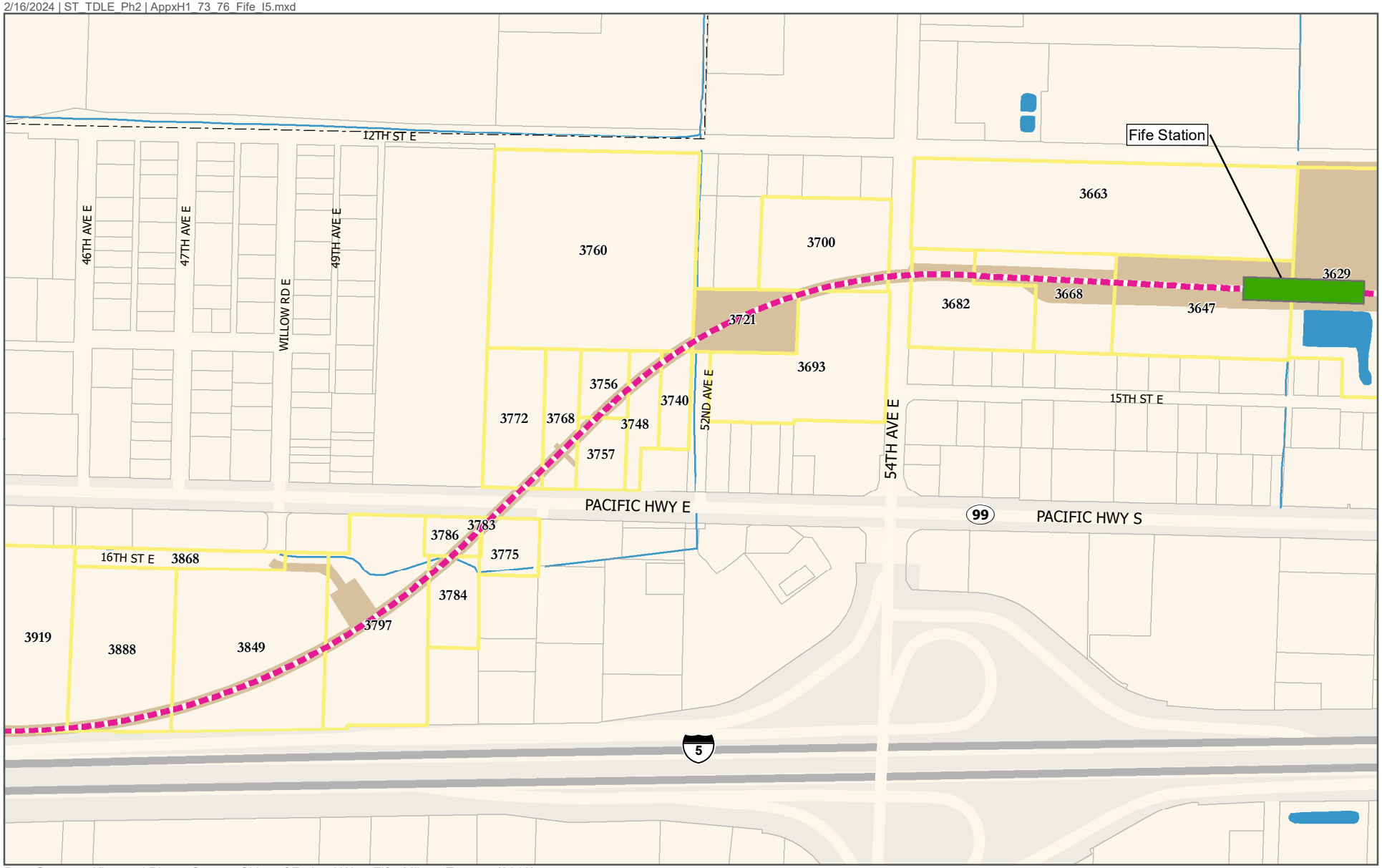

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-74
Fife I-5 Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_73_76_Fife_I5.mxd

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-75
Fife I-5 Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

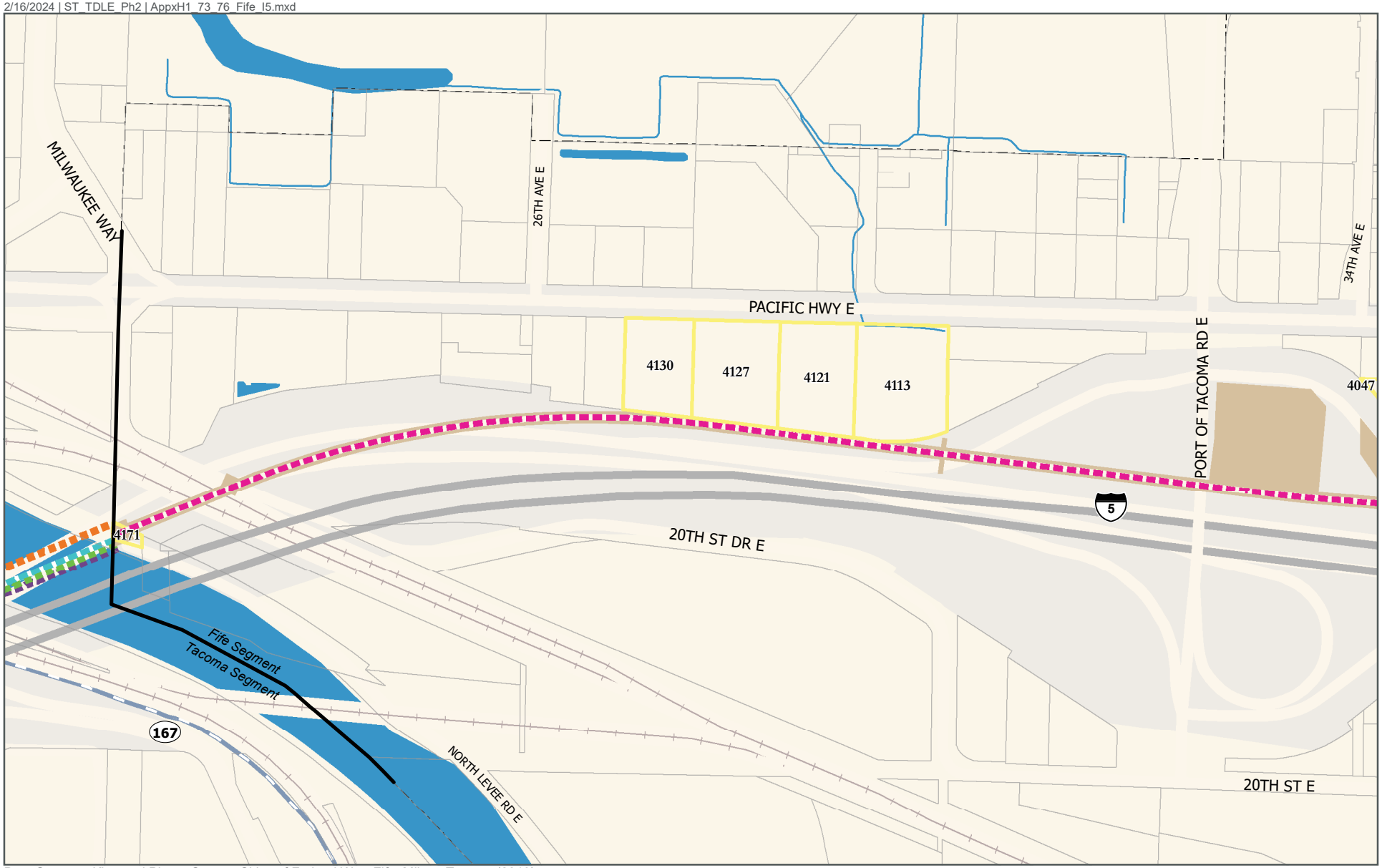

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-76
Fife I-5 Alternative
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_77_80_Fife_I5_54th.mxd

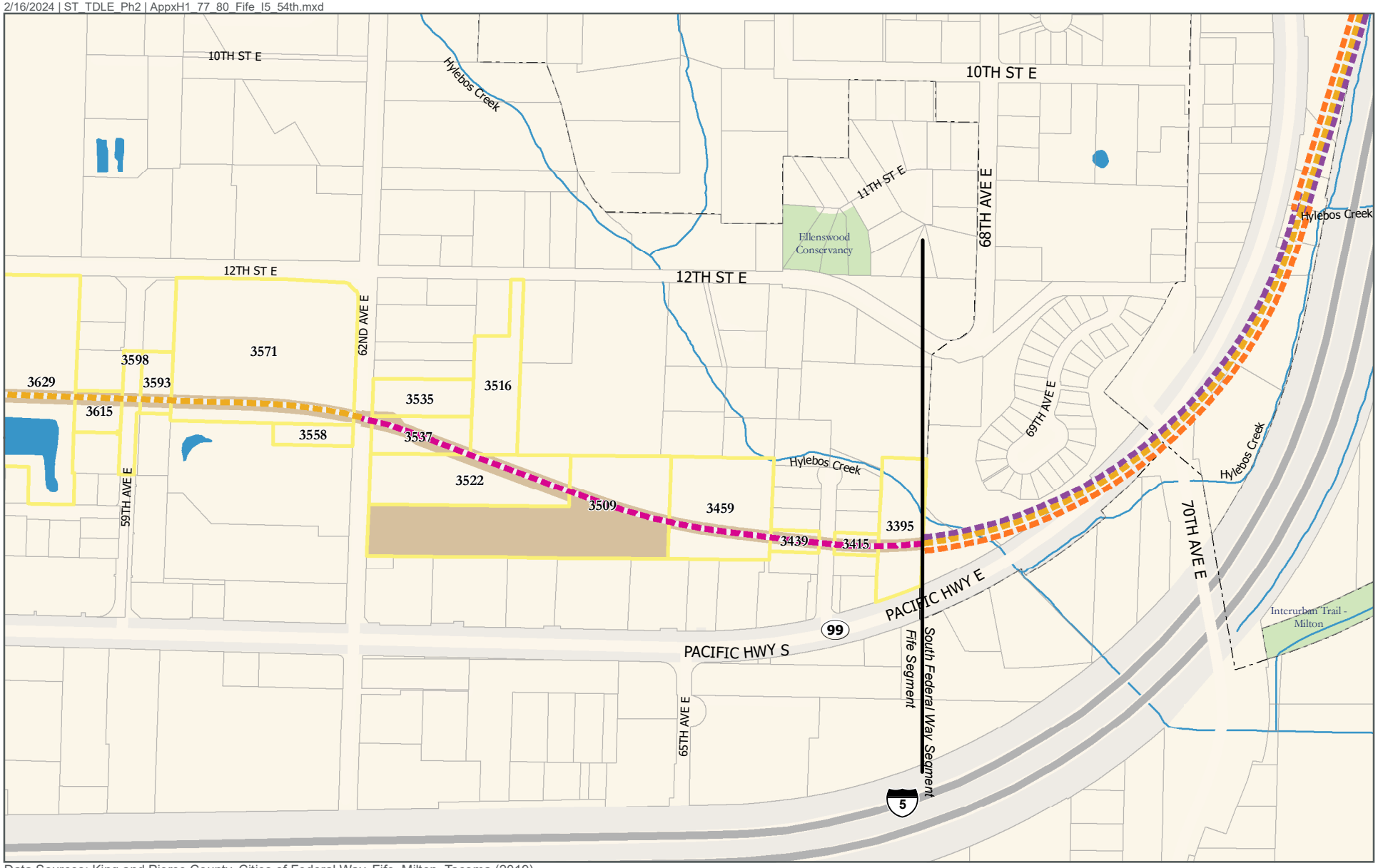

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-77
Fife I-5 with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_77_80_Fife_I5_54th.mxd

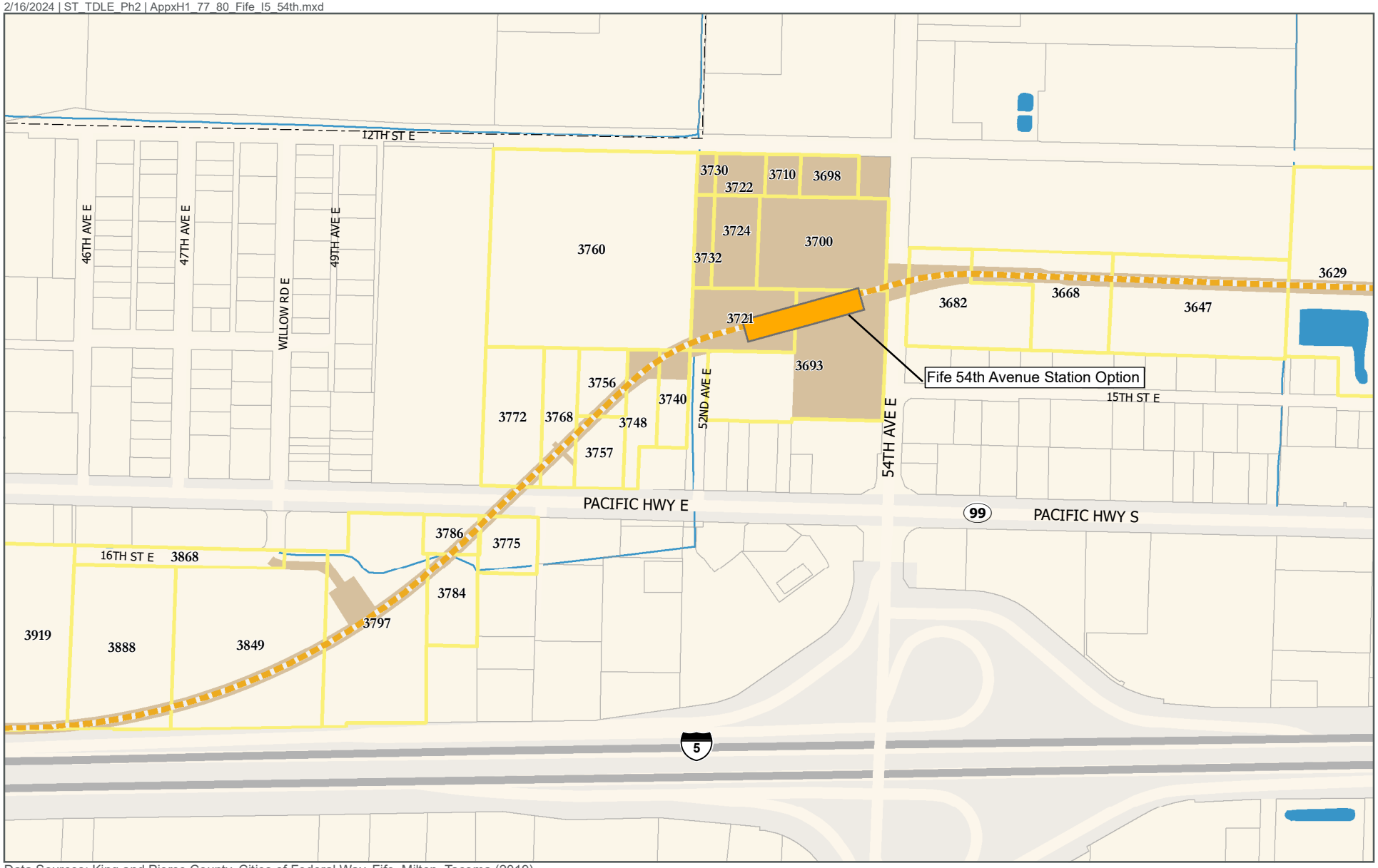

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-78
Fife I-5 with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_77_80_Fife_I5_54th.mxd

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-79
Fife I-5 with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

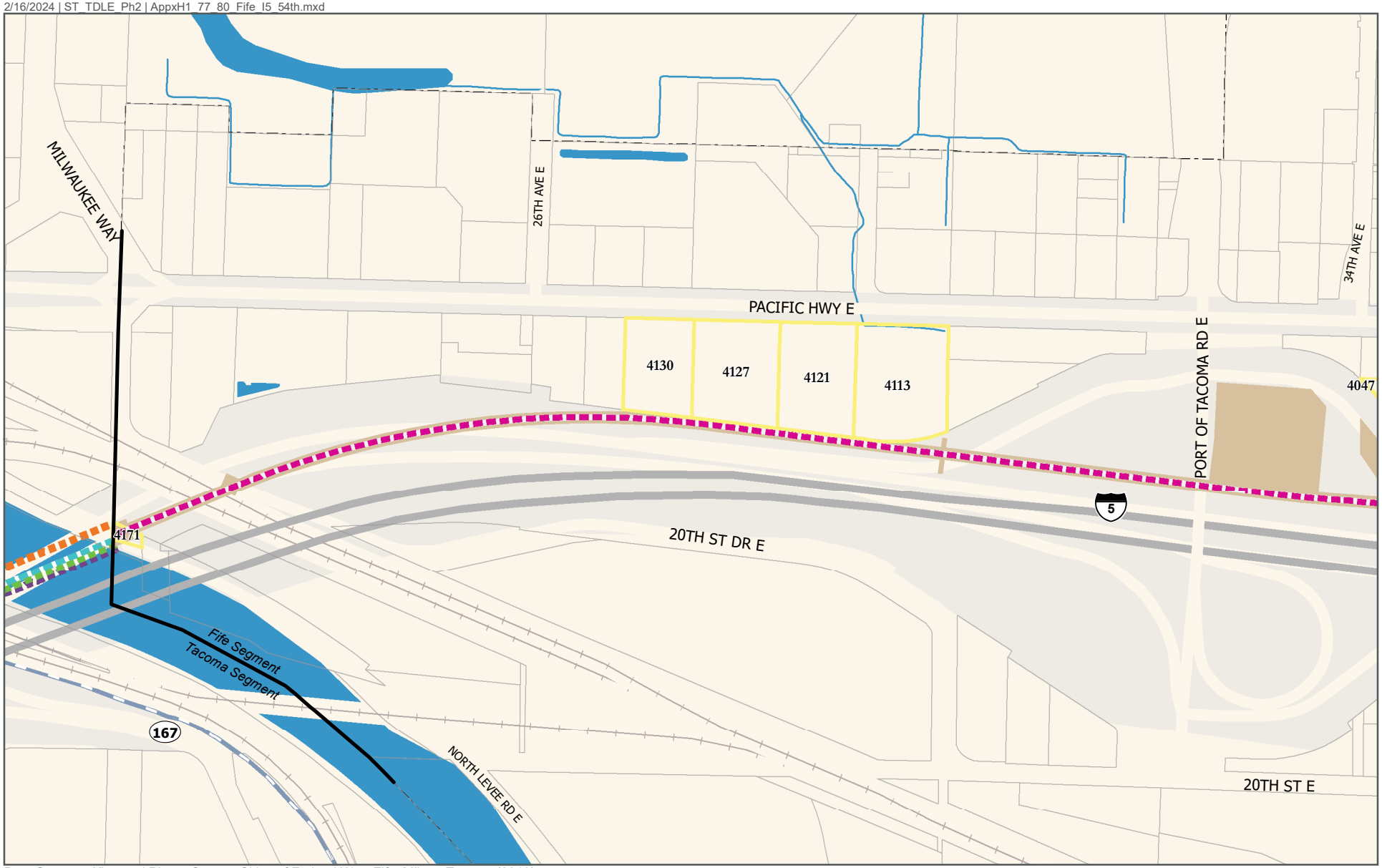

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Design
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-80
Fife I-5 with 54th Avenue Design Option
Affected Parcels
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_81_84_Fife_I5_54thSpan.mxd

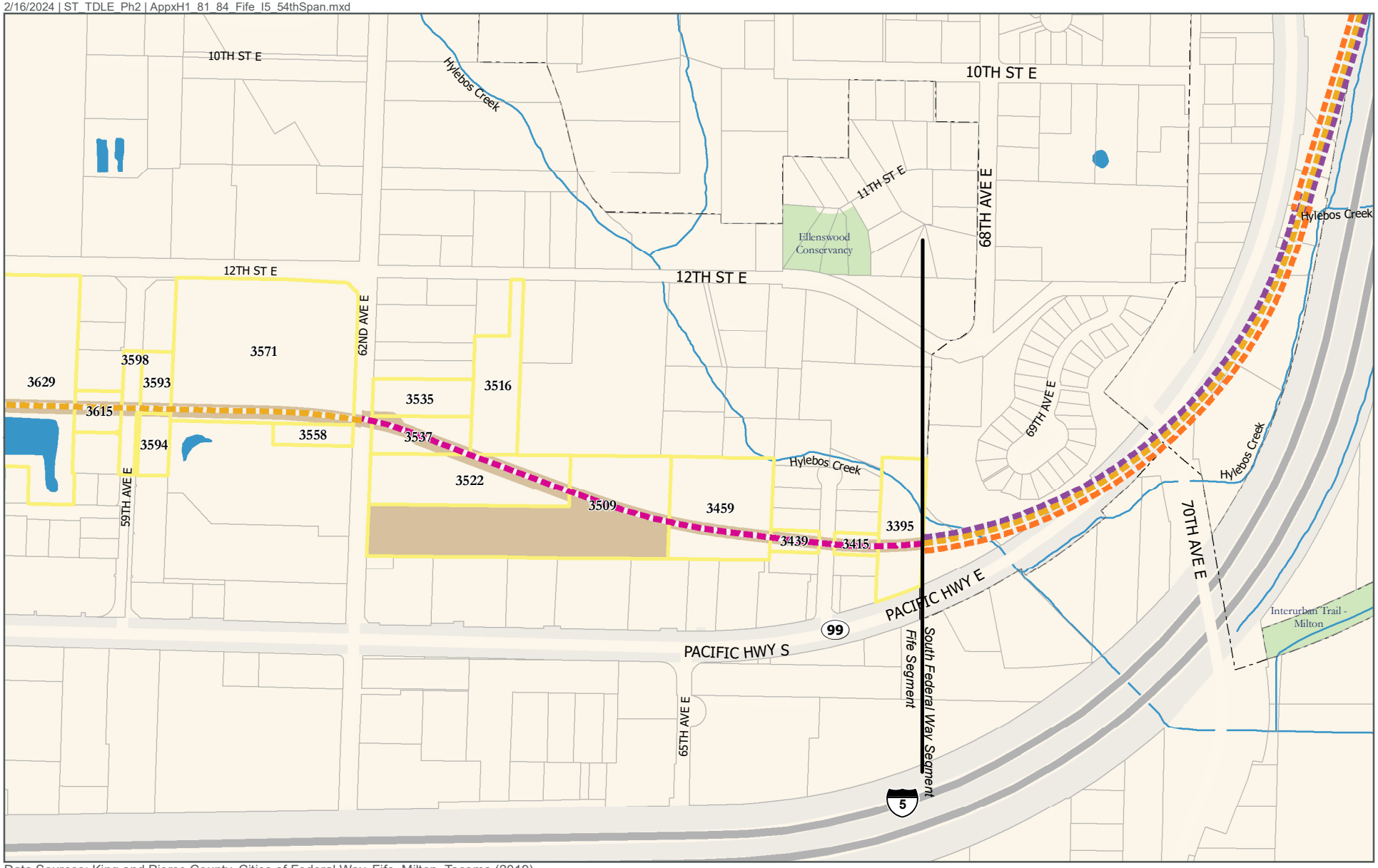

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife I-5

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-81
Fife I-5 with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_81_84_Fife_I5_54thSpan.mxd

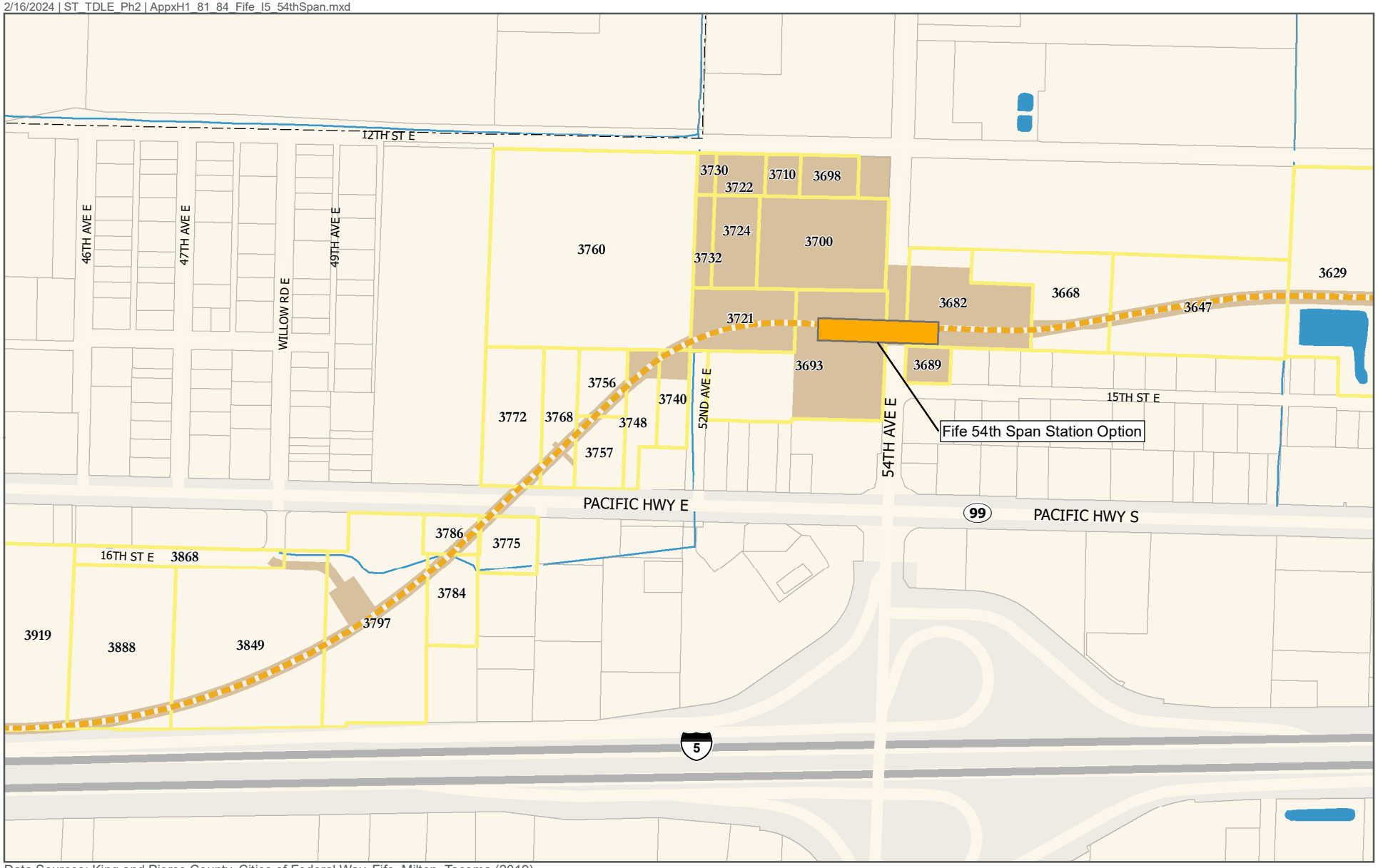

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- 54th Avenue Span Design
- Fife I-5

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-82

Fife I-5 with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_81_84_Fife_I5_54thSpan.mxd

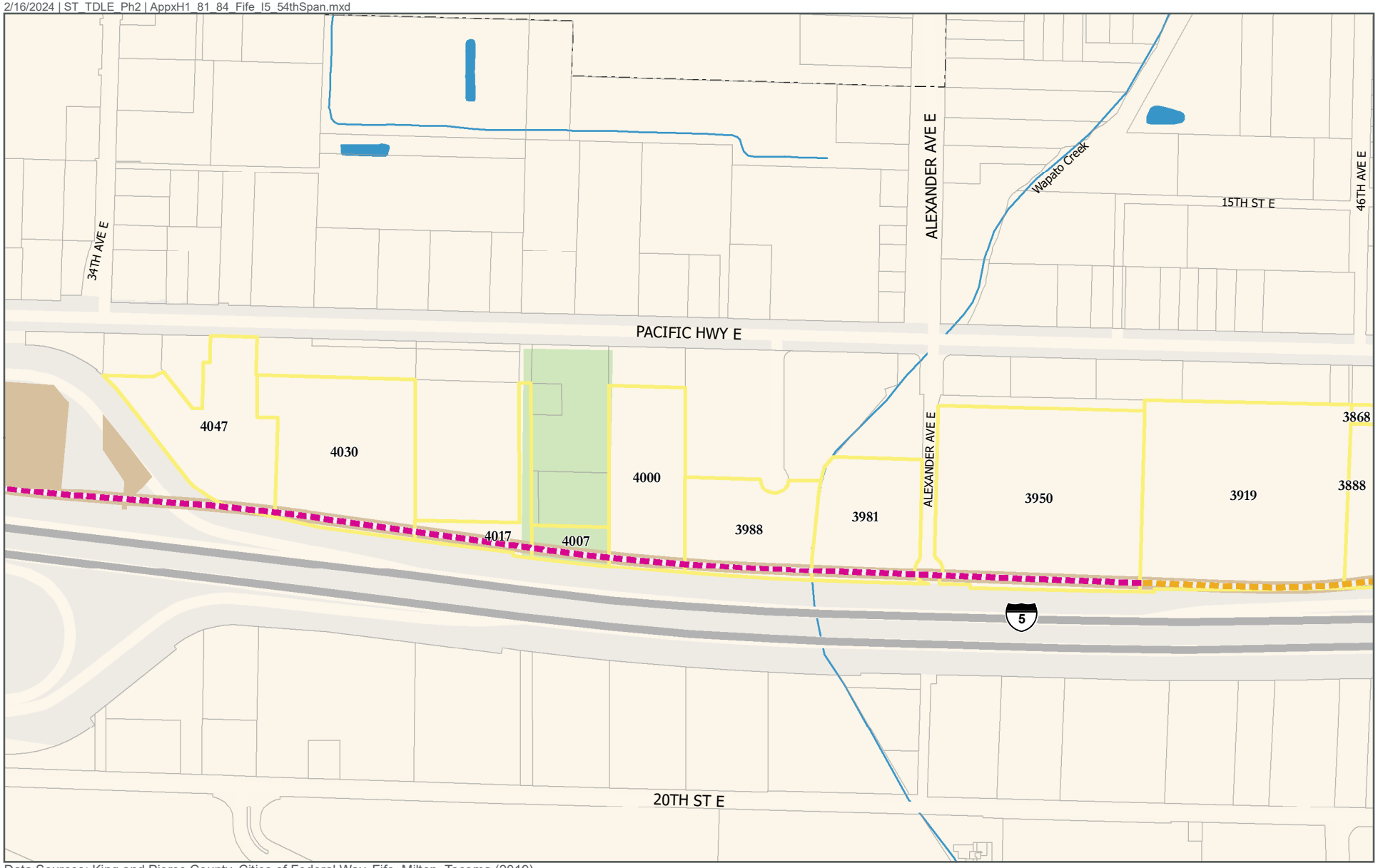

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Span Design
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-83
Fife I-5 with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

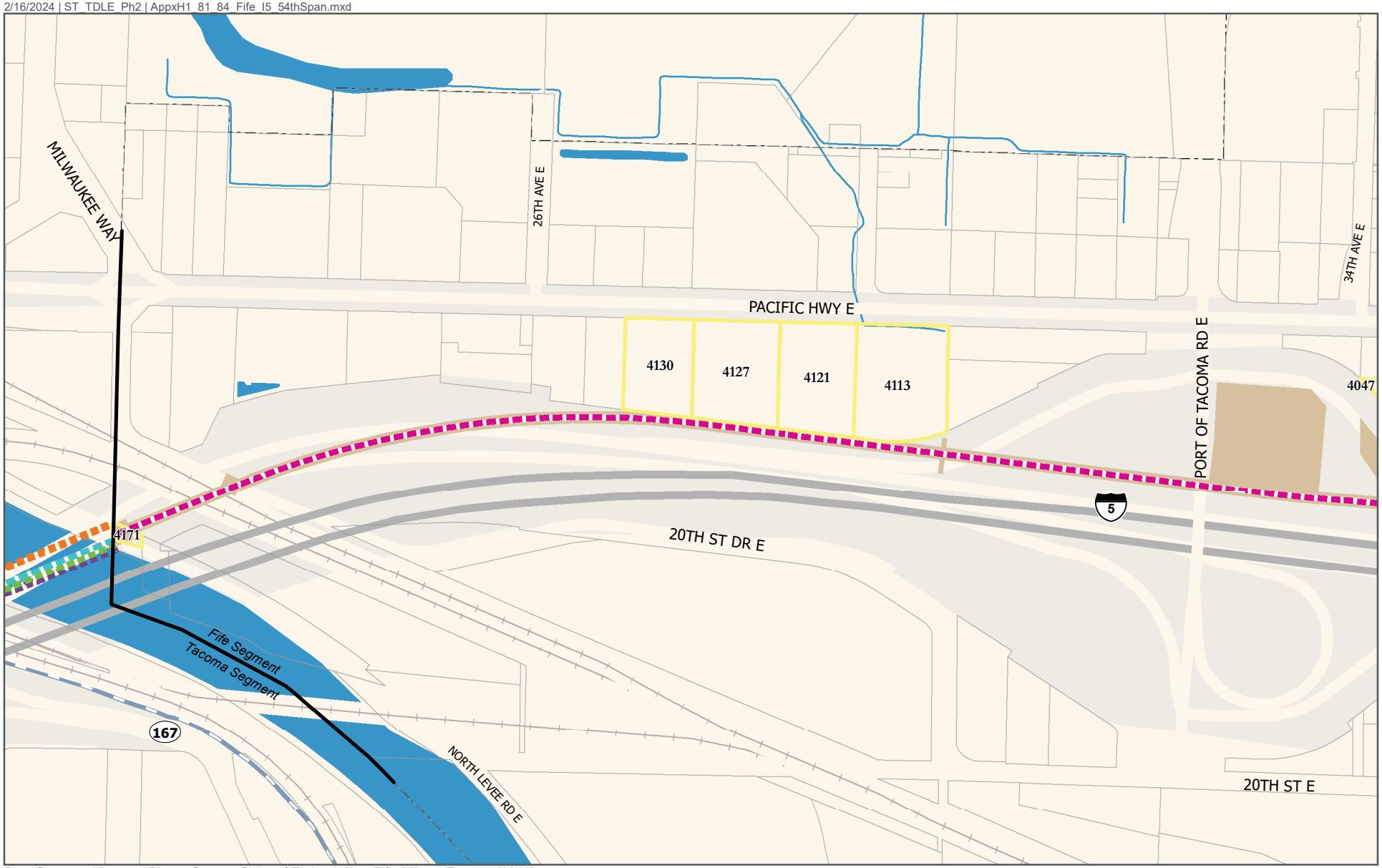

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- 54th Avenue Span Design
- Fife I-5

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-84
Fife I-5 with 54th Span Design Option
Affected Parcels
Fife Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_85-86_Tacoma_25W.mxd

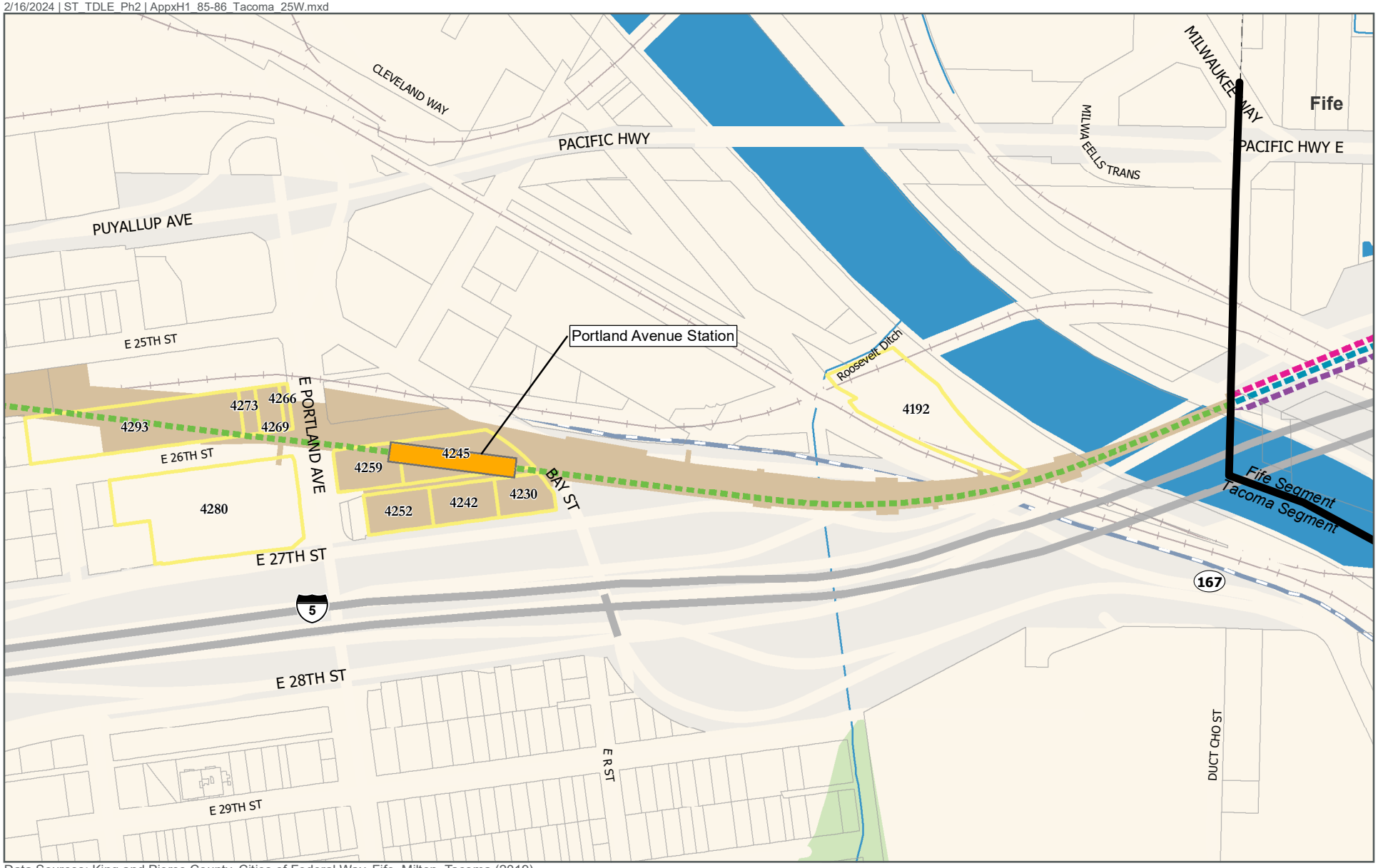

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Preferred Tacoma 25th Street - West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-85

Preferred Tacoma 25th Street - West Alternative
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

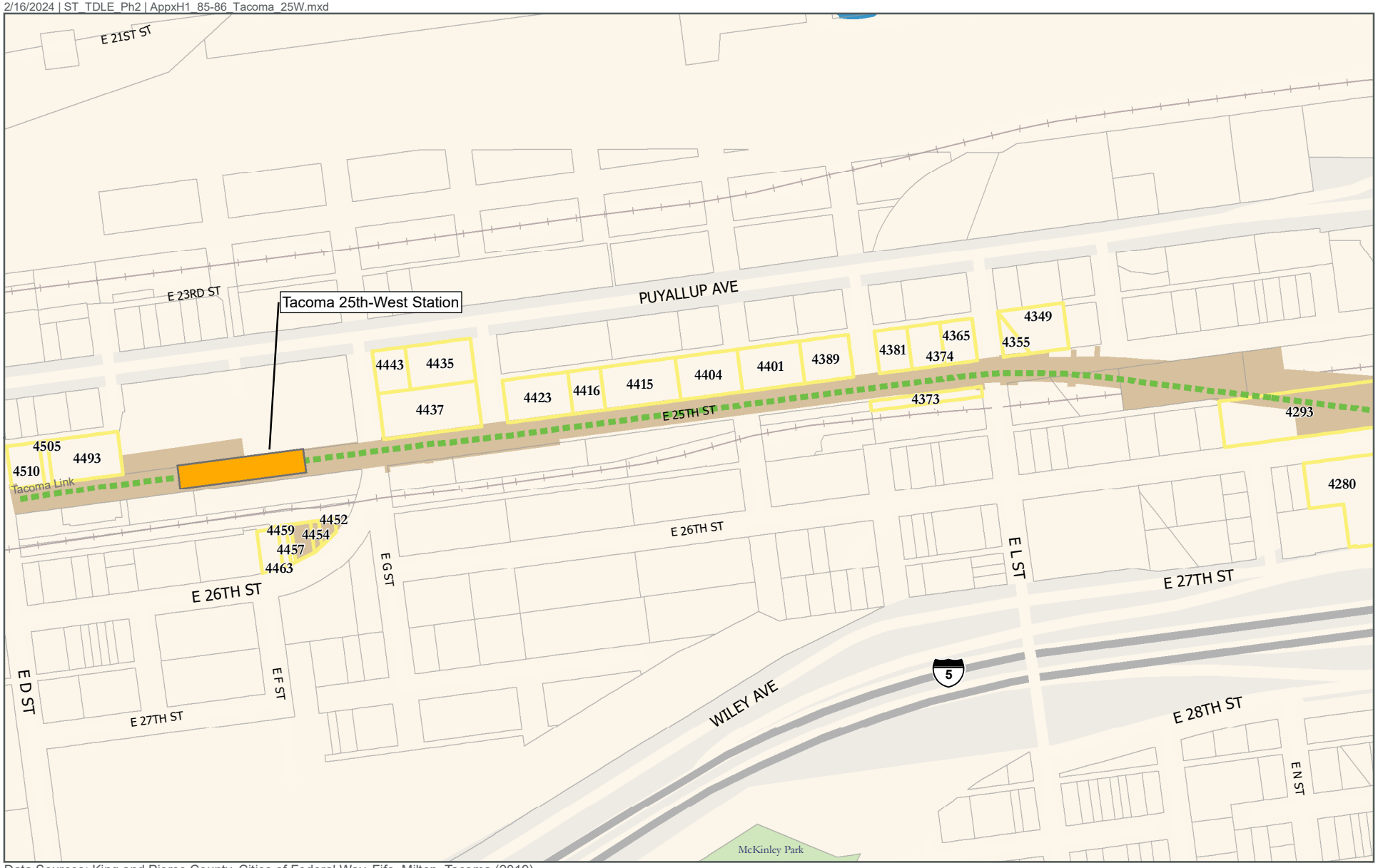

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Preferred Tacoma 25th Street - West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-86

Preferred Tacoma 25th Street - West Alternative
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

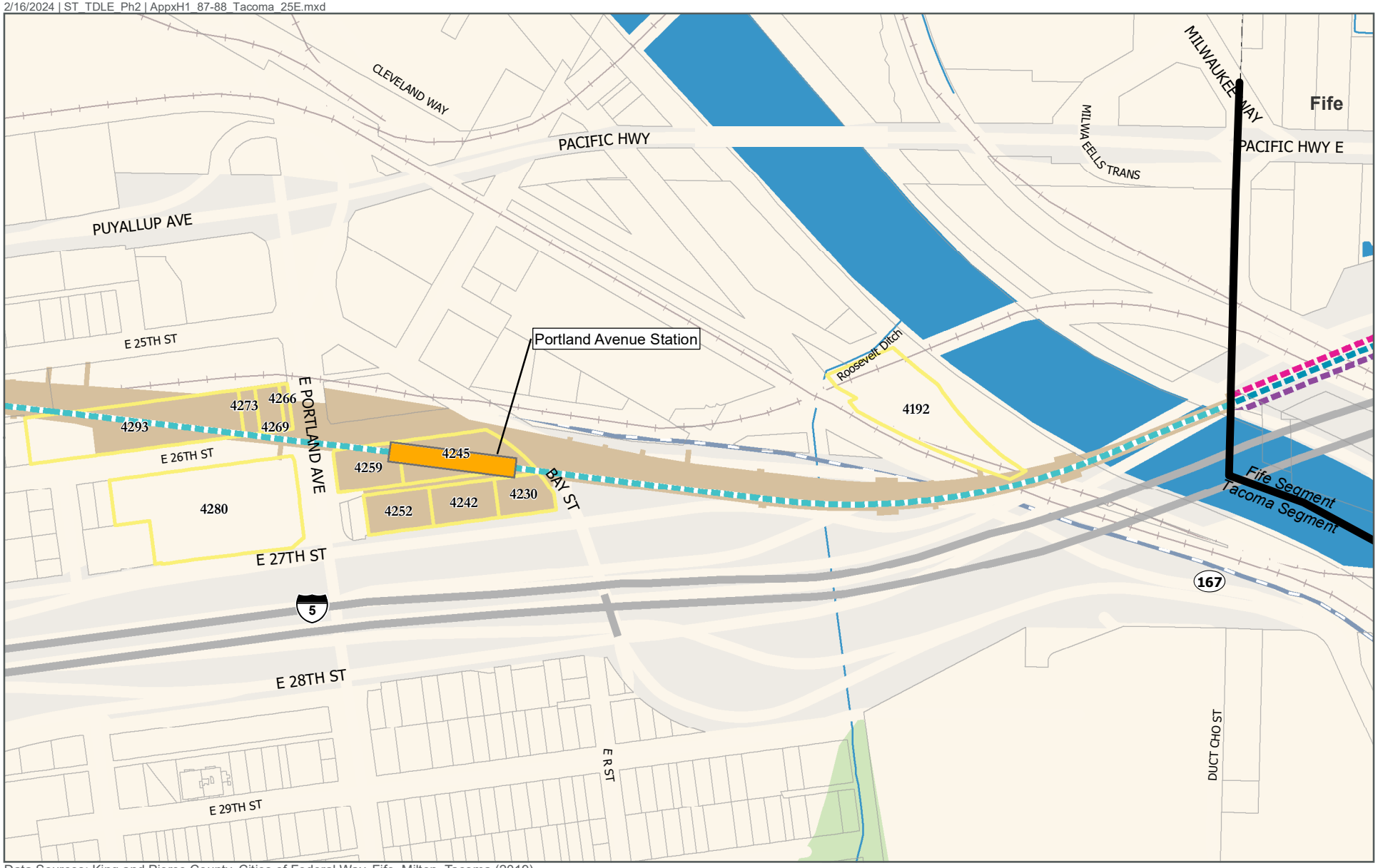

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Tacoma 25th Street - East

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-87

Tacoma 25th Street - East Alternative
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

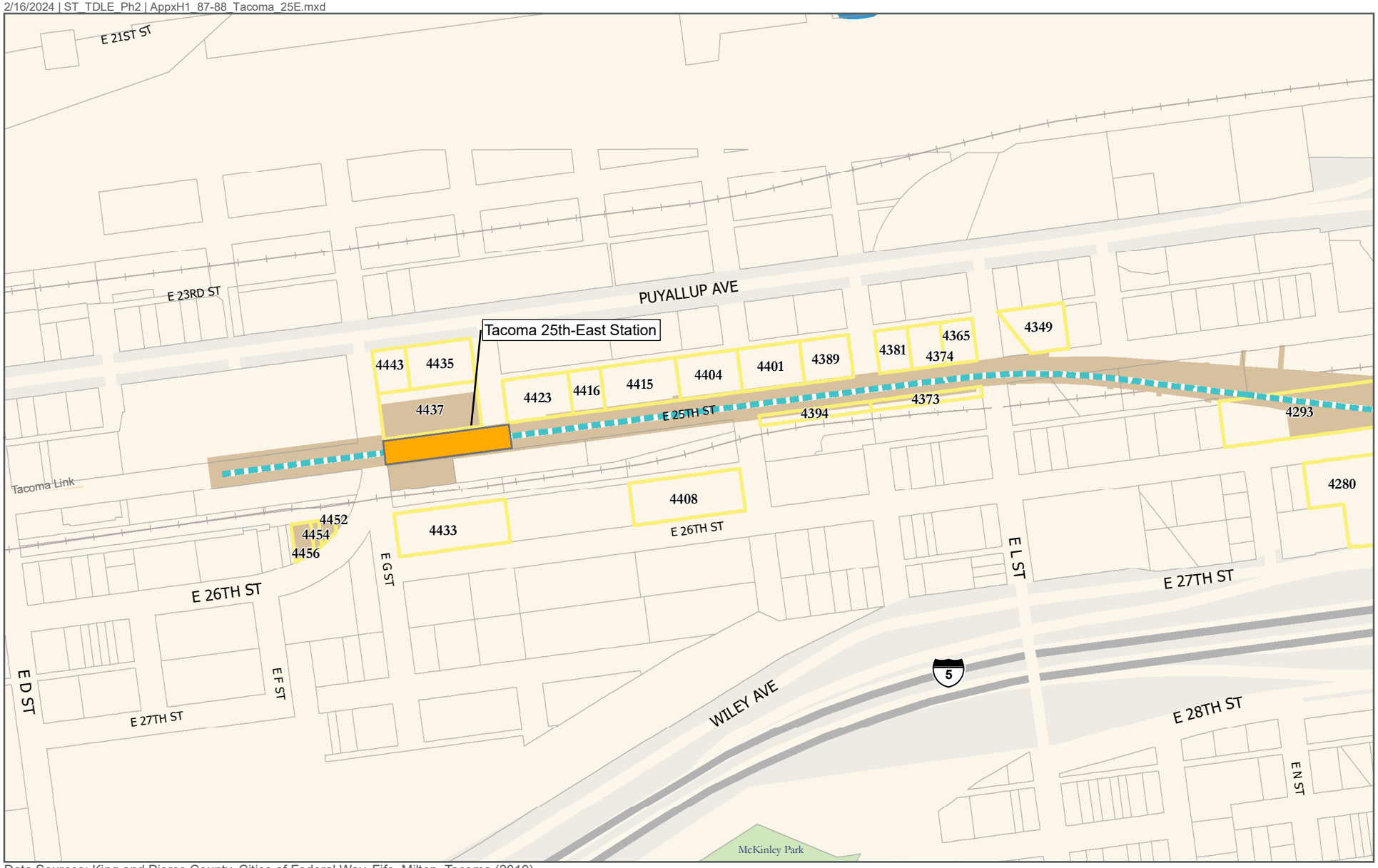

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

Tacoma 25th Street - East

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-88

Tacoma 25th Street - East Alternative

Affected Parcels

Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

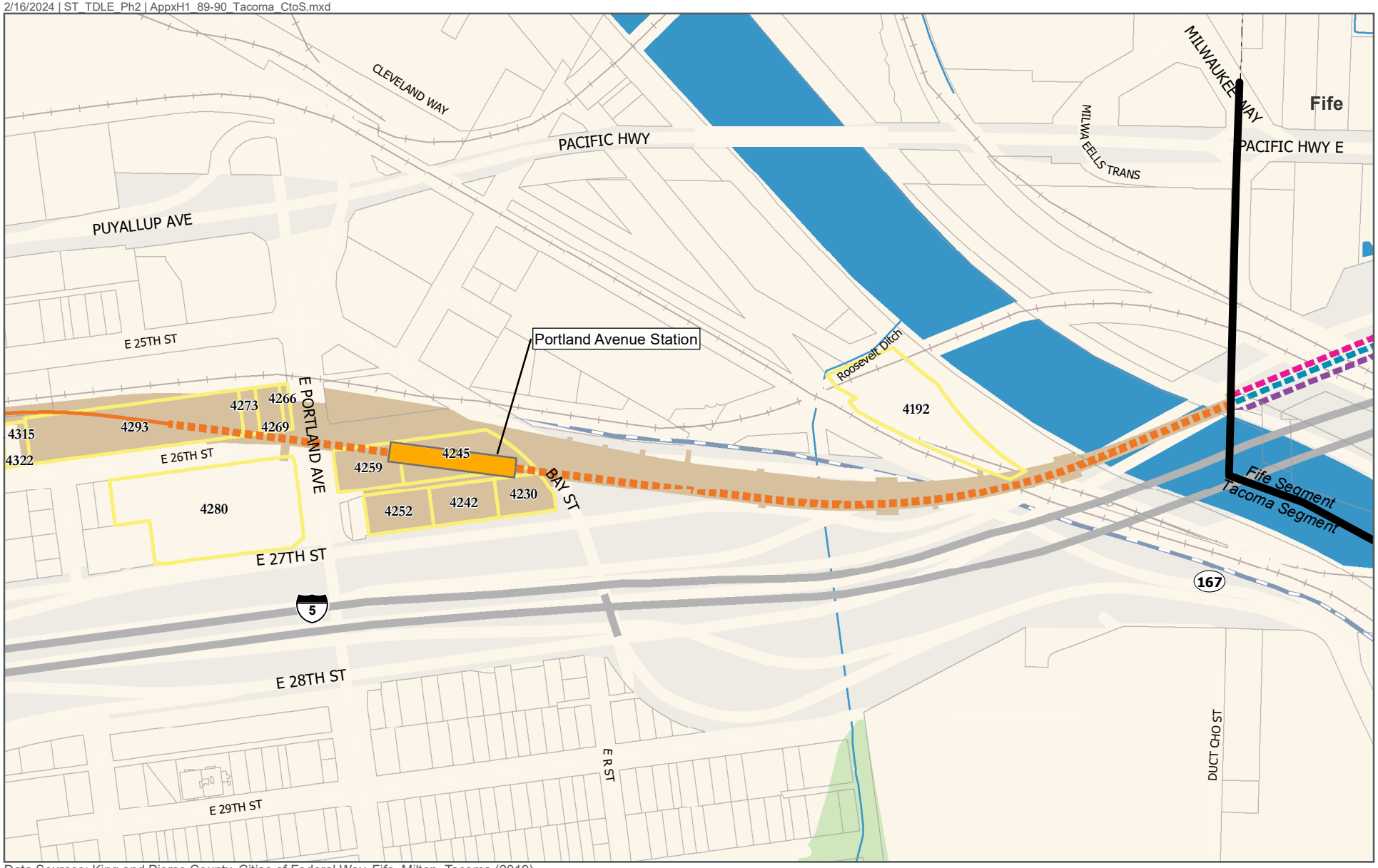

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Tacoma Close to Sounder

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-89

Tacoma Close to Sounder Alternative
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

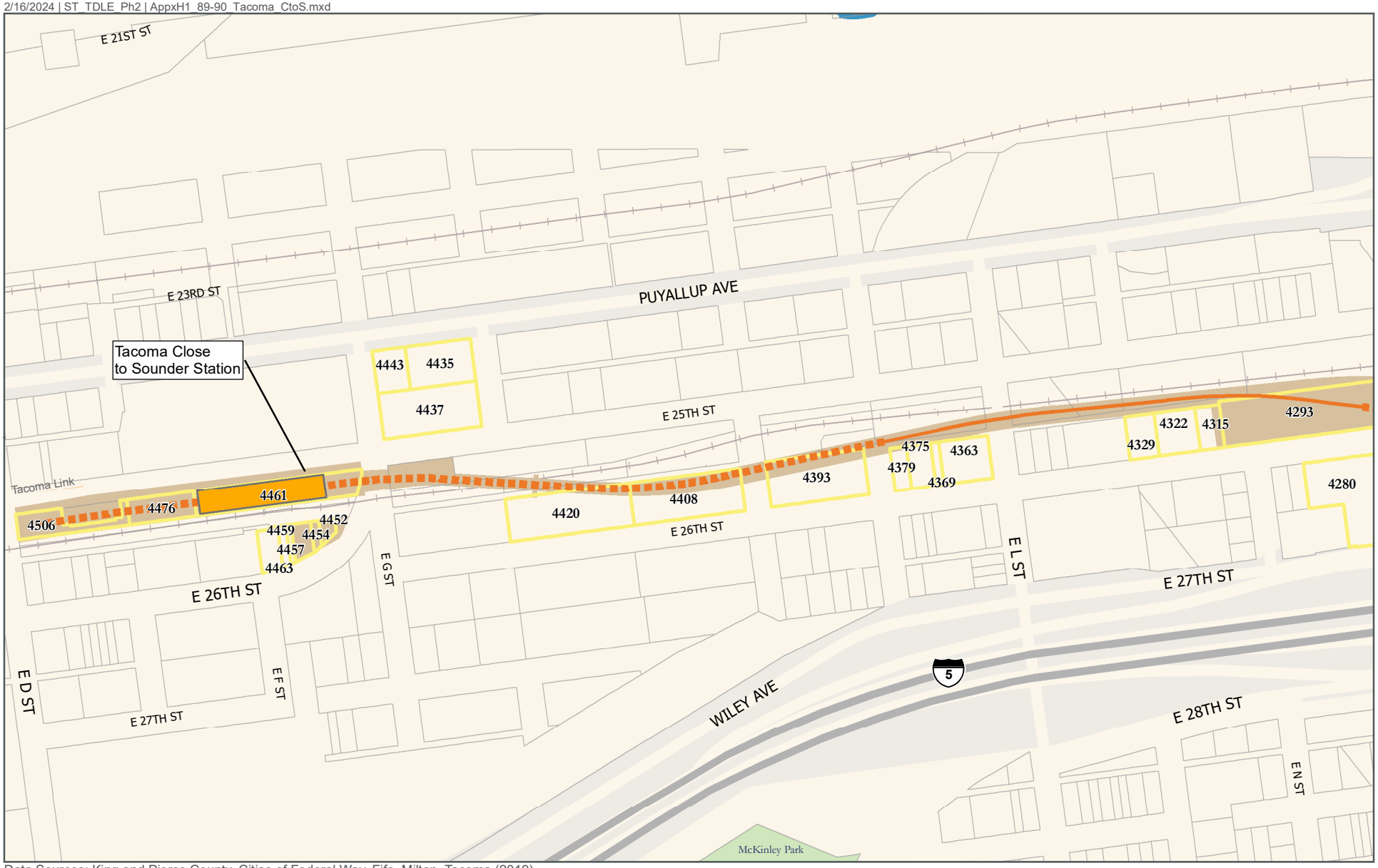

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

Tacoma Close to Sounder

Alternative Profile

At-Grade

Elevated

Station

New

Stream

Park

Affected Parcel

Parcel

Permanent Footprint

Figure H1-90

Tacoma Close to Sounder Alternative
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_91-92_Tacoma_26.mxd

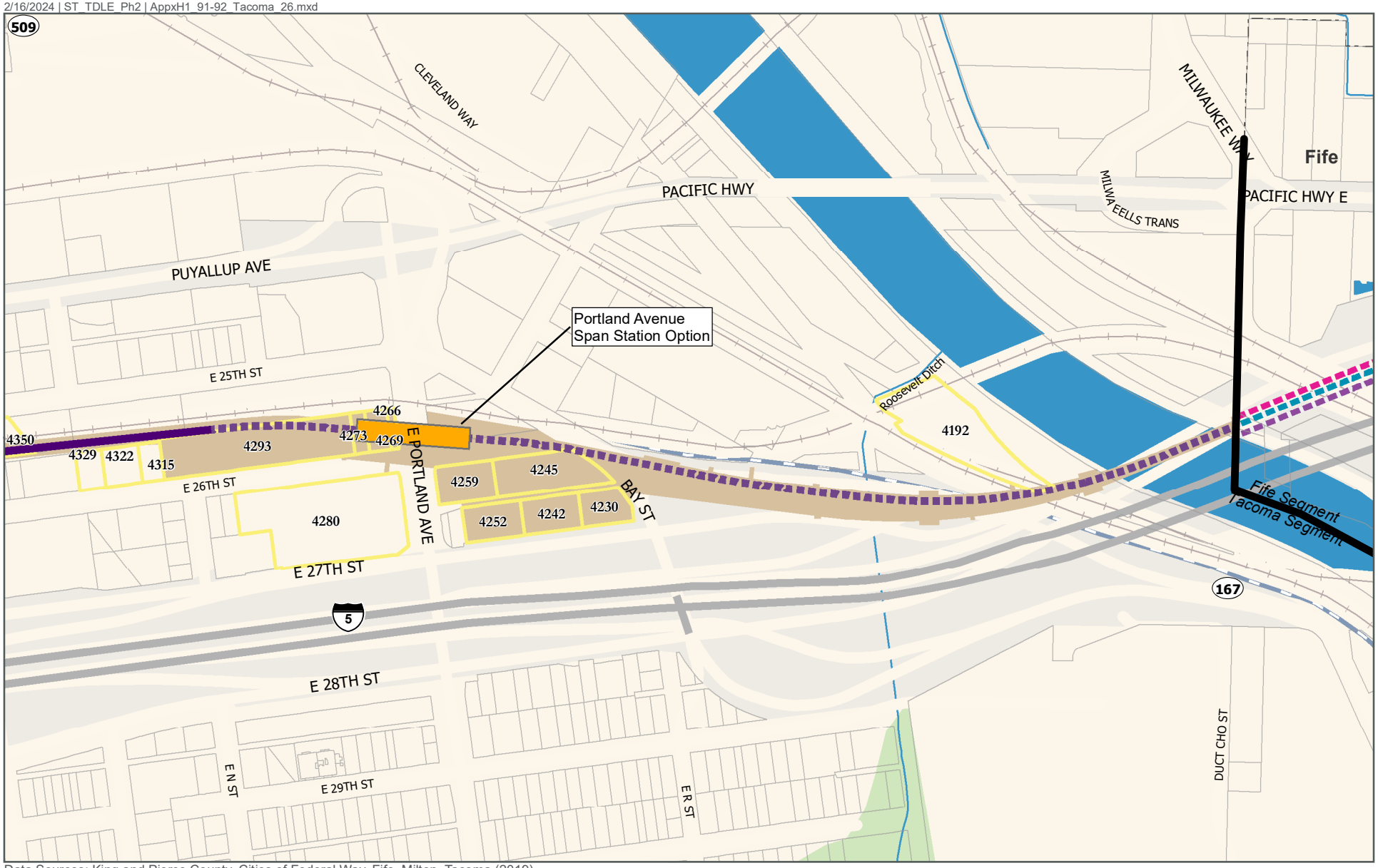

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- Tacoma 26th Street

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-91
Tacoma 26th Street Alternative with Portland Avenue Design Option
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2/16/2024 | ST_TDLE_Ph2 | AppxH1_91-92_Tacoma_26.mxd

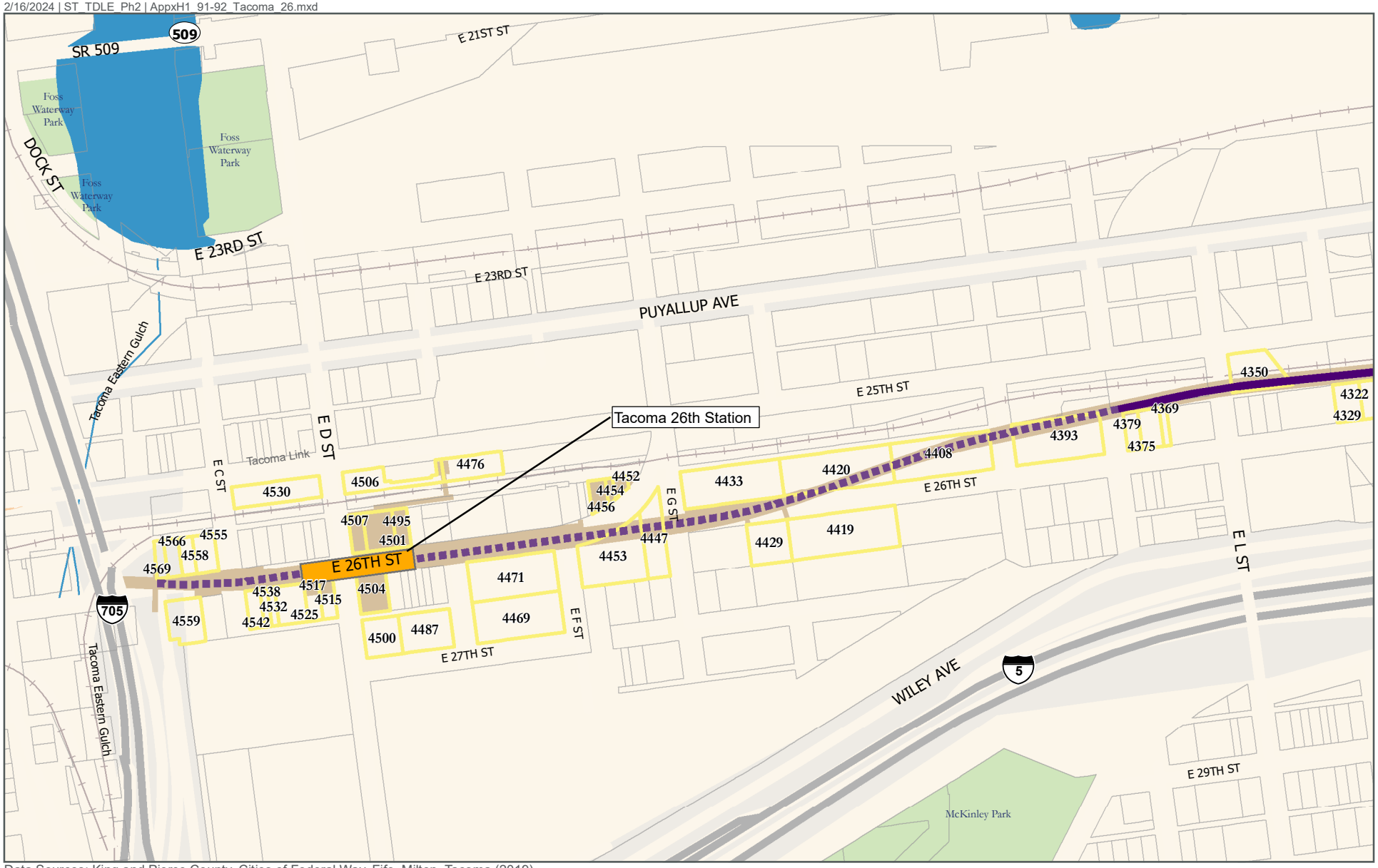

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Tacoma 26th Street

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint

Figure H1-92

Tacoma 26th Street Alternative with Portland Avenue Design Option
Affected Parcels
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet

N

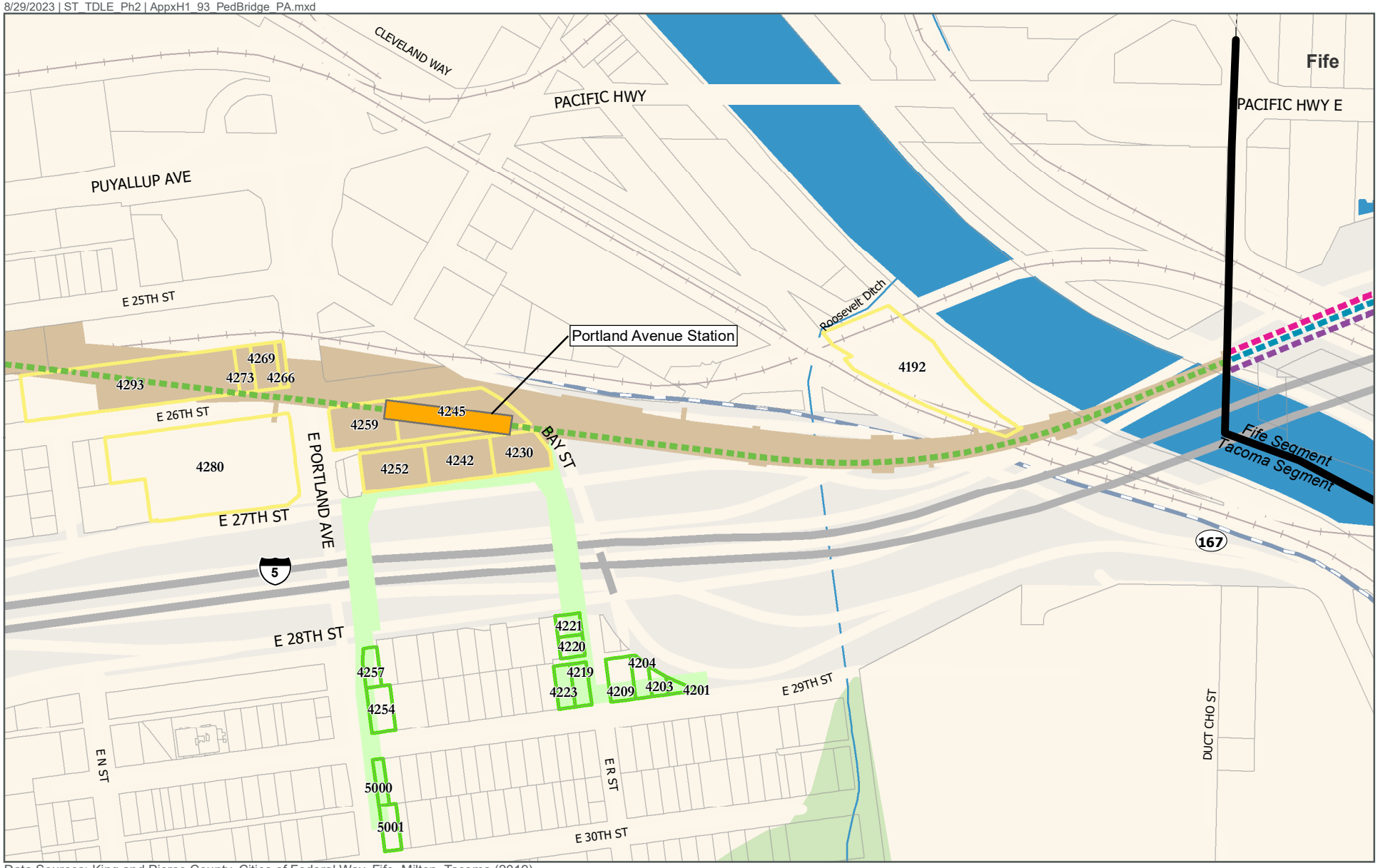

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Preferred Alternative
- At-Grade
- Elevated
- Station
- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint
- Affected Parcel - Optional Bike and Pedestrian Bridge*
- Optional Bike and Pedestrian Bridge Footprint*

Note: Affected parcels and footprint for the optional Portland Avenue bike and pedestrian bridge are the same for all alternatives in the Tacoma Segment.

Figure H1-93

Preferred Tacoma 25th Street - West Alternative
with Optional Portland Avenue Bike and Pedestrian Bridge
Potentially Affected Parcels - Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

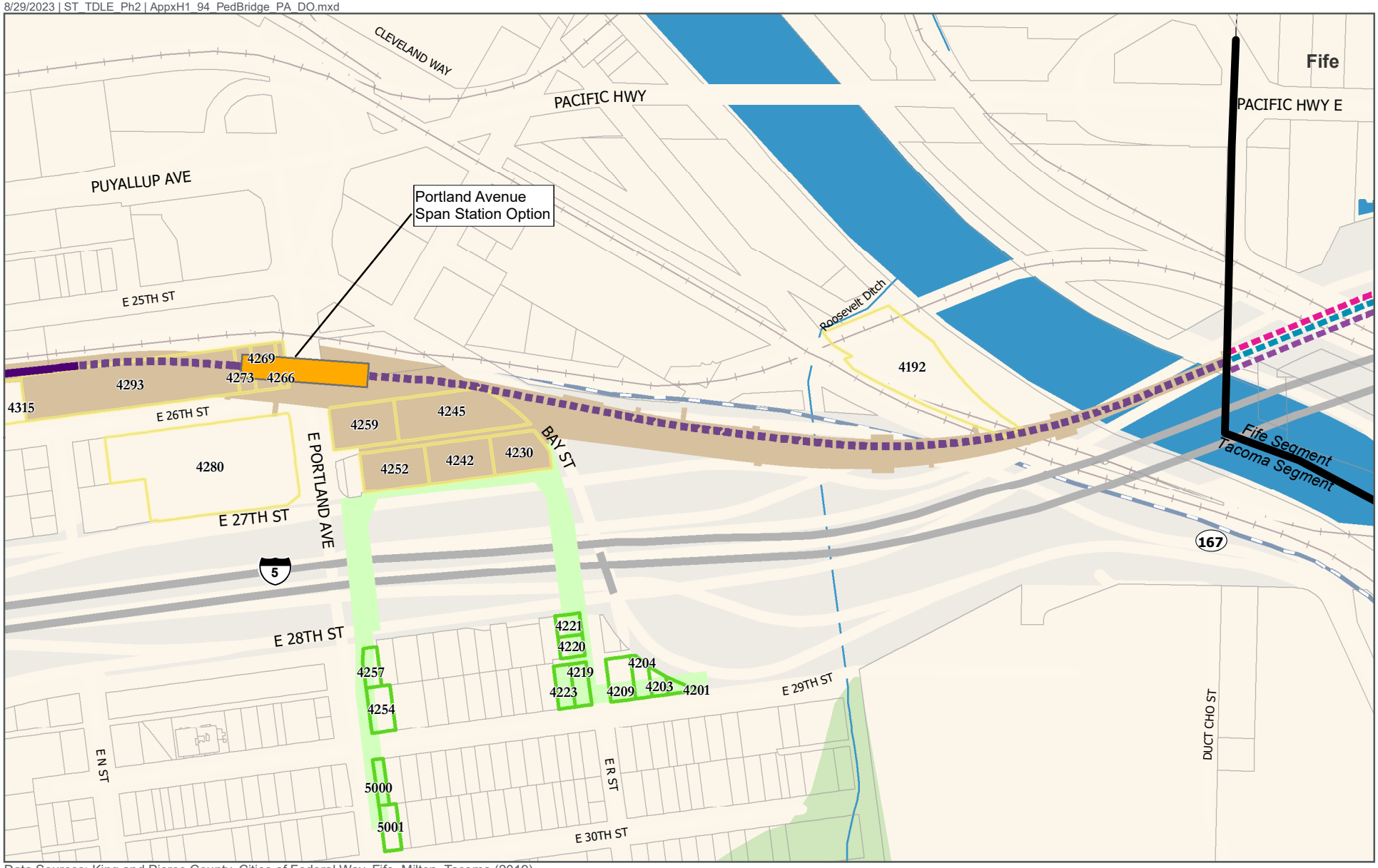

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Tacoma 26th Street
- At-Grade
- Elevated
- Station
- Stream
- Park
- Affected Parcel
- Parcel
- Permanent Footprint
- Affected Parcel - Optional Bike and Pedestrian Bridge*
- Optional Bike and Pedestrian Bridge Footprint*

Note: Affected parcels and footprint for the optional Portland Avenue bike and pedestrian bridge are the same for all alternatives in the Tacoma Segment.

Figure H1-94

Tacoma 26th Street Alternative
with Optional Portland Avenue Bike and Pedestrian Bridge
Potentially Affected Parcels - Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

2 CONSTRUCTION IMPACTS AND RELOCATION OPPORTUNITIES FOR THE BUILD ALTERNATIVES

2.1 Temporary Construction Impacts for the Built Alternatives

Construction of TDLE would require property for construction staging, construction access, and temporary construction easements in each segment. Table H1-7 summarizes the acreage and parcels needed for construction.

Table H1-7 Construction Impacts for the Build Alternatives

Alternative	Estimated Temporary Construction Footprint (Acres)	Affected Parcels
Federal Way Segment		
Preferred FW Enchanted Parkway	47	13
Preferred FW Enchanted Parkway with Design Option	49	3
South Federal Way Segment		
SF Enchanted Parkway[1]	80	31
SF I-5	68	27
SF 99-West	87	45
SF 99-West with Porter Way Design Option	94	50
SF 99-East	91	49
SF 99-East with Porter Way Design Option	107	41
Fife Segment		
Fife Pacific Highway	62	65
Fife Pacific Highway with 54th Avenue Design Option	55	59
Fife Pacific Highway with 54th Span Design Option	55	59
Fife Median	62	65
Fife Median with 54th Avenue Design Option	55	59
Fife Median with 54th Span Design Option	55	59
Fife I-5	64	39
Fife I-5 with 54th Avenue Design Option	63	37
Fife I-5 with 54th Span Design Option	63	36
Tacoma Segment		
Preferred Tacoma 25th Street-West	45	25
Tacoma 25th Street-East	45	23
Tacoma Close to Sounder	31	18
Tacoma 26th Street	33	27

(1) The construction footprint and affected parcels are the same with the SF 352nd Span Station Option.

2.2 Estimated WSDOT and Local Jurisdiction Right-of-Way Needs

Table H1-8 summarizes the estimated amount of Washington State Department of Transportation (WSDOT) and other rights-of-way the project would require.

Table H1-8 Estimated WSDOT and Local Jurisdiction Right-of-Way Needs[1]

Alternative	Estimated WSDOT Right-of-Way Occupied (Acres)	Estimated Other Right-of-Way Occupied[2] (Acres)
Federal Way Segment		
Preferred FW Enchanted Parkway	5	1
Preferred FW Enchanted Parkway with Design Option	5	1
South Federal Way Segment		
SF Enchanted Parkway[3]	14	3
SF I-5	18	4
SF 99-West	1	8
SF 99-West with Porter Way Design Option	1	7
SF 99-East	1	9
SF 99-East with Porter Way Design Option	1	8
Fife Segment		
Fife Pacific Highway	6	9
Fife Pacific Highway with 54th Avenue Design Option	6	9
Fife Pacific Highway with 54th Span Design Option	6	10
Fife Median	6	9
Fife Median with 54th Avenue Design Option	6	9
Fife Median with 54th Span Design Option	6	10
Fife I-5	7	1
Fife I-5 with 54th Avenue Design Option	7	1
Fife I-5 with 54th Span Design Option	7	2
Tacoma Segment		
Preferred Tacoma 25th Street-West	10	12
Tacoma 25th Street-East	10	10
Tacoma Close to Sounder	10	7
Tacoma 26th Street	10	10

Note:

(1) Right-of-way estimates include only existing state, county, and local rights-of-way and not Tribal properties.

(2) Estimated Other Right-of-Way Occupied includes city rights-of-way that are currently used for roads or vacant, which would be fully or partially converted for light rail use.

(3) Right-of-way needs are the same with the SF 352nd Span Station Option.

2.3 Relocation Opportunities

To determine the relocation opportunities in the project vicinity, Sound Transit researched market conditions for available residential and commercial real estate in the project area. As shown in Tables H1-9, H1-10, and H1-11, the research considered real estate markets within the cities of Federal Way, Milton, Fife, and Tacoma. These cities offer the most likely relocation opportunities in the study area. Although property uses may change before construction of TDLE, research indicates that there would be opportunities for businesses, residents, and others displaced to be successfully relocated within the same general area. Some properties with unique characteristics, such as churches, industrial uses, homeless shelters, or hotels, could be more challenging to relocate and may require construction of new facilities.

Table H1-9 Property Available for Relocation in the Study Area[1]

Type of Property	Buildings/Units	Total Square Feet	Vacancy Rate	Listings (2020)
Apartments	50,907	42,010,255	4.5%	6
Office	1,239	17,117,906	9.2%	27
Industrial	1,239	41,269,173	5.1%	22
Retail	2,530	26,201,462	2.5%	56
Hotel	72	0	0	2

Sources: CoStar 2020
Notes:
(1) The study area or market is defined by the cities of Federal Way, Milton, Fife, and Tacoma, and includes a small area of unincorporated Pierce County. Tribal parcels are not considered available for relocation opportunities.

Table H1-10 Multi-Family Residential Property Available for Relocation in the Study Area

Type of Property	Toral Residential Units	Vacancy Rate	Average Rent per Unit
Federal Way/Des Moines	15,3018	4.7%	$1,825
North Tacoma[1]	19,638	5.8%	$1,762

Source: CBRE 2023
Note:
(1) Subarea includes Tacoma, Fife, Milton, and the portions of unincorporated Pierce County within the study area.

Table H1-11 Single-Family Residential Property Available for Relocation in the Study Area

Type of Property	Residential Units for Sale	Median Sale Price
Federal Way	132	$608,000
Milton	19	$540,000
Fife	12	$453,000
Tacoma	533	$470,000

Source: Redfin 2023

Sound Transit would help relocate businesses or residences displaced as part of the project. Relocation services provided by Sound Transit include compensation as well support services that consider the unique needs of those being displaced. These services are intended to reduce the inconveniences and hardships associated with being displaced. Sound Transit's relocation policies are summarized in Section 4.1 of the Draft EIS.

2.3.1 Retail

There is enough retail space for sale and for lease to relocate retailers displaced as part of the project. To be successful, retailers often have specific siting requirements, and Sound Transit would perform a case-by-case assessment of the available retail inventory to identify locations that meet the retailers' specific needs. Examples of retailers that may require special consideration are the Pick-Quick in Fife and businesses within Freighthouse Square. Outreach to retailers with unique needs, such as the vendors in Freighthouse Square who share a food court, is ongoing.

2.3.2 Industrial

Adequate industrial space is available in the market to relocate industrial building owners and tenants displaced as part of the project. Industrial users requiring specific lot sizes and utilities may be more difficult to relocate. For industrial users with specific needs, like large lots for storage or truck movement, such as Joe Hall Construction in Fife or Corliss Resources in Federal Way, Sound Transit may need to look outside the market area for a suitable site.

2.3.3 Hotels

Displaced hotel owners would have to locate properties that are for sale or locate suitable sites and develop new hotels. Existing hotels in the study area are limited to Pacific Highway in Fife and E 26th Avenue in Tacoma. All alternatives in the Fife Segment would displace the King's Motor Inn along Pacific Highway. Although hotels do come up for sale, the unique location and layout demands of the displaced hotel may make finding an existing comparable hotel property difficult. New development sites may provide the best opportunity for replacement.

2.3.4 Single-Family Residential

There is a sufficient supply of comparable single-family homes available to accommodate the residents displaced by the project. While comparable homes are available in the general area, displaced residents may have to choose a location in a different neighborhood. Mobile home residents will likely experience difficulty relocating within the same neighborhood if they are seeking to relocate to or move mobile homes to other mobile home parks. Because mobile home parks are often full and not a plentiful source of housing, these types of relocations provide challenges for affected residents as well as the agency. As with all residential displacements, Sound Transit would work to find a comparable replacement property and ensure that properties are affordable for displaced parties.

2.3.5 Multi-Family Residential

Multi-family displacements include the market rate CrossPointe Apartments in South Federal Way. An adequate supply of market rate alternate housing exists, but low-income housing opportunities are limited. Depending on market conditions at the time of displacement, the replacement properties may cost more. Sound Transit would work with residents to identify suitable replacement dwellings as described in Section 4.1 of the Draft EIS.

3 REFERENCES

CoStar.com. 2020. CoStar Property – Commercial Property Research and Information. Available at: http://www.costar.com/products/costar-property-professional. Accessed April 2021.

CBRE. 2023. Puget Sound Multifamily Quarterly Report – Q3 2023. Available at: https://mktgdocs.cbre.com/2299/41913076-f44e-42e1-98fd-278f2b5eb7f6-762141936.pdf. Accessed September 2023.

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

LAND USE

Appendix H2

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Appendix H2 Land Use

Appendix H2 contains supporting information for Section 4.2 of the Tacoma Dome Link Extension (TDLE) Draft Environmental Impact Statement (EIS).

1 LAND USE PLANS, GOALS, AND POLICIES

Sound Transit reviewed regional, state, and local plans to identify goals and policies applicable to TDLE. The following sections summarize applicable plans and discuss the project's consistency with them. Tables H2-1 through H2-7 at the end of this section provides a select list of goals and policies from the relevant plans and discusses TDLE's consistency with each of them. While the tables address a number of specific goals and policies, many policies are not listed because they are not applicable or relevant to TDLE (e.g., the policy addresses an area outside the TDLE study area). TDLE would also be required to comply with all permits and approvals from applicable federal, state, and local agencies prior to construction. TDLE is generally consistent with plans and polices in the study area.

1.1 State Regulations and Regional Plans

There are numerous regional and state regulations and planning documents that establish the framework for local land use and transportation plans and programs in the TDLE project area. The Washington State Growth Management Act is the major regulation governing growth management and comprehensive planning in Washington. The primary documents guiding regional planning include *VISION 2050* (PSRC 2020), *The Regional Transportation Plan* (PSRC 2022), Sound Transit's *Regional Transit Long-Range Plan* (Sound Transit, 2014a), the *King County Comprehensive Plan* (King County, 2022), and the *Pierce County Comprehensive Plan* (Pierce County, 2023). Sound Transit has also developed a *Transit-Oriented Development (TOD) Program Strategic Plan Update* (Sound Transit, 2014b). The following subsections provide an overview of each.

Washington State Growth Management Act

Plan Summary

The Washington State Growth Management Act (GMA), adopted in 1990 to mandate comprehensive planning, provides a complete framework for managing growth and coordinating land use development with the construction of transportation facilities and other infrastructure. Local, county, and regional plans in Washington are required to be consistent with the policies of the GMA. The GMA includes 13 planning goals for managing urban growth, protecting agricultural lands, reducing sprawl, and encouraging multimodal transportation systems. The overall goals of the GMA encourage development in urban areas where adequate public facilities and services exist or can be provided efficiently, and they encourage efficient multimodal transportation systems that are based on regional priorities and are coordinated with county and city comprehensive plans.

Comprehensive plans require elements that address land use, housing, capital facilities, utilities, rural development (counties only), and transportation, among others. In addition, the transportation element is required to be consistent with the land use element. Coordination of

land use and transportation is a key component of the GMA. The GMA also mandates cities and counties to establish a process in their comprehensive plans to make the provision for siting essential public facilities, including state or regional transportation and transit facilities.

Project Consistency

TDLE alternatives, including potential stations, would be located within the Cities of Federal Way, Milton, and Tacoma, all of which have adopted comprehensive plans and regulations. The TDLE alternatives are generally consistent with the provisions in the GMA in that it would connect urban centers, reduce sprawl outside urban growth boundaries, and provide transportation system and mobility improvements that support future employment and population growth.

Washington State Shoreline Management Act

The Washington State Shoreline Management Act (SMA) addresses three basic policy areas applicable to development of the state's shorelines: Shoreline use, environmental protection, and public access. The SMA requires all counties and most towns and cities with shorelines to develop and implement local land use policies and regulations to guide the use of shorelines, called Shoreline Master Programs, that are consistent with the SMA. Shoreline Master Programs for local jurisdictions are further discussed below in Section 3.3.

Puget Sound Regional Council VISION 2050

Plan Summary

VISION 2050, adopted by Puget Sound Regional Council (PSRC) in October 2020, serves as the most recent update of the Puget Sound Region's integrated long-range growth management strategy for the four-county metropolitan planning area: King, Kitsap, Pierce, and Snohomish Counties. VISION 2050 focuses on sustainability and encourages the wise use of existing resources and transit investments to strengthen economic, social, and environmental resiliency while addressing climate change and housing needs. Policies and actions in the plan are intended to increase housing choices and affordability, provide equitable opportunities, sustain a strong economy, significantly reduce greenhouse gas emissions, keep the region moving, restore the health of Puget Sound, protect open space networks, focus growth within regional centers and high-capacity transit station areas, and coordinate with and support local planning efforts.

The plan lists a series of multicounty planning policies that are further developed and supported within individual county and city comprehensive plans. VISION 2050 strategies and polices are located within nine elements: regional collaboration, regional growth strategy, environment, climate change, development patterns, housing, economy, transportation, and public services.

Project Consistency

VISION 2050 contains many goals and policies applicable to TDLE. Table H2-1 provides information on the goals and policies of VISION 2050 and how TDLE would be consistent with them.

Puget Sound Regional Council Regional Transportation Plan

Plan Summary

The PSRC Regional Transportation Plan was adopted by PSRC in May 2022. The Regional Transportation Plan is the long-range plan for transportation in the central Puget Sound Region through 2050 and is the transportation element of VISION 2050. The transportation-related plans of the cities, counties, transit agencies, and region form the basis for the plan, which identifies what improvements to highway, transit, rail, ferry, bicycle, and pedestrian systems are needed in order to meet anticipated growth in the central Puget Sound Region.

The Regional Transportation Plan includes an updated regional transit network based on the efforts of the region's transit agencies to integrate more frequent and direct connections to the high-capacity transit network, including investments approved as part of Sound Transit 3 in November 2016.

Project Consistency

TDLE is identified in the Regional Transportation Plan and is a key component in the development of a regional high-capacity system linking urban centers. In addition, the TDLE would allow jurisdictions to better implement transit- and pedestrian-oriented land use patterns where current zoning allows such development to occur.

Sound Transit Regional Transit Long-Range Plan

Plan Summary

Sound Transit's Regional Transit Long-Range Plan represents the agency's goals, policies, and strategies to guide the long-term development of a high-capacity transit (HCT) system, particularly light rail, to connect the people of Pierce, King, and Snohomish Counties. Sound Transit's adopted 2005 Regional Transit Long-Range Plan was updated in 2014. As the regional transit authority under Chapters 81.104 and 81.112 RCW, Sound Transit is responsible for regional HCT system planning in the context of the PSRC Regional Transportation Plan. Beginning with Sound Transit's 1996 Regional Transit Long-Range Vision, the long-range plans have supported the adoption of several measures to implement HCT projects, including Sound Move in 1996, Sound Transit 2 (ST2) in 2008, and Sound Transit 3 in 2016.

Project Consistency

A potential extension of light rail between Federal Way and Tacoma was introduced in Sound Transit's 2005 Regional Transit Long-Range Plan and again in the Plan's 2014 update. Funding for TDLE was included in Sound Transit 3.

Sound Transit – Transit Oriented Development Policy and Program Strategic Plan

Plan Summary

Adopted in September 2011 and updated in April 2014, Sound Transit's *Transit Oriented Development (TOD) Program Strategic Plan Update* describes Sound Transit's vision, goals, and strategy for creating TOD on and around its stations, transit centers, and park-and-ride lots. The plan defines TOD as compact public and private development that supports transit use by emphasizing pedestrian and transit access, such as clustering development and mixing land

uses and activities at and around transit facilities. The purpose of this strategy is to assist the integration of land use and transit in an environmentally responsible and equitable way.

Specifically, the plan outlines an implementation strategy for Sound Transit's TOD program, recognizing that interagency, intra-agency, and public collaboration and support are critical factors for implementing the Sound Transit Board's policies concerning property disposition (Resolution No. R2013-30) and TOD (Resolution No. R2018-10). Of particular importance is the transformation of light rail transit station areas into livable transit communities. Sound Transit's 2012 TOD policy was updated by the Sound Transit Board in 2018 through the adoption of the Equitable Transit Oriented Development Policy, which establishes a framework for Sound Transit to assess and evaluate equitable TOD outcomes early in system planning throughout all phases of transit project delivery.

Project Consistency

TDLE would act as a catalyst in the local jurisdiction station areas that have planned for and allow increased densities. Any TOD on surplus land owned by Sound Transit in station areas would follow the implementation strategy for Sound Transit's TOD program as laid out in the Sound Transit TOD Program strategic plan and Sound Transit's TOD policies.

1.2 Local Land Use Plans

King County Countywide Planning Policies

The 2021 King County Countywide Planning Policies (CPPs) create a shared and consistent framework for growth management planning for all jurisdictions in King County, including the City of Federal Way. The CPPs implement VISION 2050 and reflect new priorities addressing equity and social justice. King County is currently in the process of updating its comprehensive plan, which is anticipated to be adopted by the end of 2024. Any updates following the publication of this Draft EIS will be addressed in the Final EIS.

Project Consistency

Table H2-2 discusses the goals and policies of the King County Comprehensive Plan and how TDLE would be consistent with them.

Pierce County Comprehensive Plan and Countywide Planning Policies

The Pierce County Comprehensive Plan was originally adopted in November 1994, with the most recent amendments passed in April 2023, effective July 2023 (Pierce County 2023), and applies to unincorporated Pierce County. The plan elements related to TDLE include Land Use, Environment, Housing, and Transportation. The plan also includes CPPs to guide growth and future land use decisions in Pierce County over a 20-year period. The CPPs provide a framework from which county and city comprehensive plans are developed and adopted, ensure consistency within the county, and apply to the county as a whole, including cities such as Fife and Tacoma as well as the Puyallup Tribe of Indians. Pierce County is currently in the process of updating its comprehensive plan, which is anticipated to be adopted by the end of 2024. Any updates following the publication of this Draft EIS will be addressed in the Final EIS.

Project Consistency

Table H2-3 discusses the goals and policies of the Pierce County Comprehensive Plan and how TDLE would be consistent with them.

City of Federal Way Comprehensive Plan

The City of Federal Way Comprehensive Plan was adopted in 1990, updated and amended periodically over the years, with the most recent major update in 2015 (City of Federal Way 2015). The elements in the comprehensive plan identify the goals and policies adopted by the City of Federal Way to shape the community and meet the challenges of growth. Elements identified in the plan and related to TDLE include Land Use, Transportation, Economic Development, Natural Environment, and City Center. The City of Federal Way is currently preparing a subarea plan for the South Station Subarea, anticipated to be adopted as part of the city's 2024 Periodic Update to the Comprehensive Plan. Any updates following the publication of this Draft EIS will be addressed in the Final EIS.

Project Consistency

Table H2-4 discusses the goals and policies of City of Federal Way Comprehensive Plan and how TDLE would be consistent with them.

City of Milton Comprehensive Plan

The City of Milton Comprehensive Plan was substantially updated in 2015, and most recently amended in 2018 (City of Milton 2018). The Plan provides a roadmap for future change and growth within the City along with a legal framework to guide future land use, transportation, utility, housing, capital facility, and other City policy decisions. Elements identified in the plan and related to TDLE include Land Use and Transportation. The City of Milton is currently in the process of updating its comprehensive plan, which is anticipated to be adopted by the end of 2024. Any updates following the publication of this Draft EIS will be addressed in the Final EIS.

Project Consistency

Table H2-5 discusses the goals and policies of the City of Milton's Comprehensive Plan and how TDLE would be consistent with them.

City of Fife Comprehensive Plan

The City of Fife first adopted its Comprehensive Plan in 1996, with a major update in 2005 and annual updates to various plan elements as needed, with the most recent amendment in 2012 (City of Fife 2012a). It provides the community's decision makers with goals, policies, and implementation methods to guide the future shape, character, and form of the City over the next 20 years. Elements identified in the plan and related to TDLE include Land Use, Transportation, Housing, and Economic Development. The City of Fife is currently in the process of updating its comprehensive plan, which is anticipated to be adopted by the end of 2024. Any updates following the publication of this Draft EIS will be addressed in the Final EIS.

Project Consistency

Table H2-6 discusses the goals and policies of the City of Fife's Comprehensive Plan and how TDLE would be consistent with them.

City of Fife City Center Planned Action

The City of Fife began a visioning process in 2012 to design a downtown area that is the center of commercial, civic, cultural, and recreational activities (City of Fife 2012b). The City of Fife wanted to take advantage of the opportunity created by a number of regional transportation improvements, including TDLE, to build upon, reinforce, and refine the TOD land use principles already adopted in the City's existing land use plan documents. The City is now in the process of creating a City Center Plan to serve as a blueprint for development in Fife over the next few decades, which involved the development of a City Center Planned Action EIS. The updated plans may include proposals to rezone areas to eliminate Industrial and Community Commercial categories in the city center and allow mixed-use. The plan would also provide new street standards consistent with complete streets for TOD, higher building allowances, and minimizing residential parking requirements.

Project Consistency

The City of Fife City Center Planned Action is predicated on the construction and operation of TDLE and would support multimodal connections and TOD near the station.

City of Tacoma One Tacoma Plan

One Tacoma is the City's Comprehensive Plan, which was substantially updated in 2015 and most recently amended in 2022 (City of Tacoma 2022). The Plan guides decisions on land use, transportation, housing, capital facilities, parks, and the environment. It also sets standards for roads and other infrastructure, identifies how they will be paid for, and establishes the basis for zoning and development regulations. The plan takes a long-range perspective on topics that address the physical, social, and economic health of the City. Elements identified in the plan related to TDLE include Urban Form, Environment + Watershed Health, Housing, the Transportation Master Plan, and the South Downtown Subarea Plan (discussed separately below). The City of Tacoma is currently in the process of updating its comprehensive plan, which is anticipated to be adopted by the end of 2024. Any updates following the publication of this Draft EIS will be addressed in the Final EIS.

Project Consistency

Table H2-7 discusses the goals and policies of the One Tacoma Plan and how TDLE would be consistent with them.

City of Tacoma South Downtown Subarea Plan (adopted 2013; amended 2014)

The City Council adopted the South Downtown Subarea Plan as an element of the Comprehensive Plan in 2013. It was later amended with a minor map change in 2014 (City of Tacoma 2014). The Plan draws from two previous studies – The Brewery District Development Concept Study (2010) and The Tacoma Dome District Development Strategy Update (2008) – to be an innovative, area-wide long-range plan for South Downtown Tacoma. The goal is to promote economic development and create equitable transit communities in the South Downtown area by leveraging the Subarea's substantial transit investments. TDLE is related to policies and actions that fall within policy Strategy 1: Develop in relationship to transit and Strategy 3: Enhance and connect the public realm.

Project Consistency

Table H2-7 discusses the policies and actions of the South Downtown Subarea Plan and how TDLE would be consistent with them.

Tacoma Tideflats Subarea Plan

The City of Tacoma, in collaboration with the Puyallup Tribe of Indians, Port of Tacoma, City of Fife, and Pierce County is developing the Tideflats Subarea Plan that will establish a long-term vision for the area generally located between the Thea Foss Waterway, the Hylebos Waterway, State Route 509, and Commencement Bay. A Draft EIS for the subarea plan was published in April 2024 (City of Tacoma 2024). One of the topics covered in the Tideflats Subarea Plan is transportation, which includes transit, freight movement, and employee commuting.

Project Consistency

The Portland Avenue Station would be located in the proposed Tideflats area that is designated as an industrial/commercial buffer zone between the core of the industrial center and the adjacent neighborhoods. The addition of TDLE would be consistent with the general concepts of the Tideflats Subarea Plan addressing transit, freight movement, and employees commuting in the area included in all action alternatives in the Draft EIS for the subarea plan.

City of Tacoma, Tacoma 2025

Tacoma 2025 was adopted in 2015 as the City of Tacoma's 10-year strategic plan to direct efforts and resources in ways that reflect the City's evolving needs (City of Tacoma 2015). The plan identifies several community priorities and accountability measures organized under seven areas to guide the City toward its long-term goals. These community priorities were synthesized by the Tacoma 2025 Advisory Committee into five key focus areas: Livability, Economy/Workforce, Education, Civic Engagement, Equity and Accessibility. Those focus areas that are related to TDLE include Livability and Equity and Accessibility.

Project Consistency

Table H2-7 discusses the focus areas and community priorities from Tacoma 2025 that relate to TDLE.

Table H2-1 TDLE Consistency with PSRC VISION 2050

Goals and Policies	Consistency of TDLE Discussion
Puget Sound Regional Council VISION 2050	
Regional Growth Strategy	
Goal: The region accommodates growth in urban areas, focused in designated centers and near transit stations, to create healthy, equitable, vibrant communities well-served by infrastructure and services. **Policies** **MPP-RGS-4:** Accommodate the region's growth first and foremost in the urban growth area. Ensure that development in rural areas is consistent with the regional vision. **MPP-RGS-6:** Encourage efficient use of urban land by optimizing the development potential of existing urban lands and increasing density in the urban growth area in locations consistent with the Regional Growth Strategy.	TDLE would support growth within existing urban growth areas near high-capacity transit stations, where zoning is in place to accommodate this growth, including the designated Tacoma regional growth center. The Fife Station and South Federal Way stations would be located outside regional growth centers, but would provide high-capacity transit to centers throughout the region. Sound Transit's Equitable TOD policy supports the goal of concentrating growth near high-capacity transit by considering TOD outcomes throughout project development and delivery.

Table H2-1 TDLE Consistency with PSRC VISION 2050 (continued)

Goals and Policies	Consistency of TDLE Discussion
Puget Sound Regional Council VISION 2050	
MPP-RGS-8: Attract 65% of the region's residential and 75% of the region's employment growth to high-capacity transit station areas to realize the multiple public benefits of compact growth around high-capacity transit investments. As jurisdictions plan for growth targets, focus development near high-capacity transit to achieve the regional goal. **MPP-RGS-9:** Focus a significant share of population and employment growth in designated regional growth centers. **MPP-RGS-12:** Avoid increasing development capacity inconsistent with the Regional Growth Strategy in regional geographies not served by high-capacity transit.	
Environment	
Goal: The region cares for the natural environment by protecting and restoring natural systems, conserving habitat, improving water quality, and reducing air pollutants. The health of all residents and the economy is connected to the health of the environment. Planning at all levels considers the impacts of land use, development, and transportation on the ecosystem. **Policies** **MPP-En-3:** Maintain and, where possible, improve air and water quality, soils, and natural systems to ensure the health and well-being of people, animals, and plants. Reduce the impacts of transportation on air and water quality and climate change. **MPP-En-5:** Locate development in a manner that minimizes impacts to natural features. Promote the use of innovative environmentally sensitive development practices, including design, materials, construction, and on-going maintenance. **MPP-En-7:** Reduce and mitigate noise and light pollution caused by transportation, industries, public facilities, and other sources. **MPP-En-8:** Reduce impacts to vulnerable populations and areas that have been disproportionately affected by noise, air pollution, or other environmental impacts. **MPP-En-13:** Preserve and restore native vegetation and tree canopy, especially where it protects habitat and contributes to overall ecological function. **MPP-En-14:** Identify and protect wildlife corridors both inside and outside the urban growth area. **MPP-En-15:** Provide parks, trails, and open space within walking distance of urban residents. Prioritize historically underserved communities for open space improvements and investments. **MPP-En-16:** Preserve and enhance habitat to support healthy wildlife and accelerate the recovery of salmon, orca, and other threatened and endangered species. **MPP-En-18:** Reduce stormwater impacts from transportation and development through watershed planning, redevelopment and retrofit projects, and low-impact development. **MPP-En-21:** Continue efforts to reduce pollutants from transportation activities, including through the use of cleaner fuels and vehicles and increasing alternatives to driving alone, as well as design and land use. **MPP-En-22:** Meet all federal and state air quality standards and reduce emissions of air toxics and greenhouse gases.	TDLE would meet all applicable local, state, and federal regulations and standards. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects. Sound Transit considered the minimization of impacts to natural features in locating the TDLE alternatives. TDLE would include stormwater detention and treatment to address impacts related to stormwater runoff. Sound Transit's Environmental Sustainability and Management System requires that low-impact operational stormwater management techniques be investigated and considered during the project design. TDLE would reduce pollutants from transportation by increasing alternatives to driving alone. Sound Transit's noise policy is to minimize noise levels at the source. Identified noise impacts based on federal or local criteria would be mitigated through measures such as noise walls and barriers, sound insulation, and other measures, as appropriate. In addition, Sound Transit has committed to a maintenance program that includes periodic rail grinding or replacement, wheel truing or replacement, vehicle maintenance, and operator training, which would minimize light rail noise levels. TDLE would not provide parks or trails. Some open space would be provided at stations, and bike and pedestrian facility improvements are planned as part of the project.

Table H2-1 TDLE Consistency with PSRC VISION 2050 (continued)

Goals and Policies	Consistency of TDLE Discussion
Puget Sound Regional Council VISION 2050	
Climate Change	
Goal: The region substantially reduces emissions of greenhouse gases that contribute to climate change and prepares for climate change impacts. **Policies** **MPP-CC-1:** Advance the adoption and implementation of actions that substantially reduce greenhouse gas emissions in support of state, regional, and local emissions reduction goals, including targets adopted by the Puget Sound Clean Air Agency. **MPP-CC-2:** Reduce building energy use through green building and retrofit of existing buildings. **MPP-CC-3:** Reduce greenhouse gases by expanding the use of conservation and alternative energy sources, electrifying the transportation system, and reducing vehicle miles traveled by increasing alternatives to driving alone. **MPP-CC-12:** Prioritize transportation investments that support achievement of regional greenhouse gas emissions reduction goals, such as by reducing vehicle miles traveled.	TDLE would reduce dependence on SOV trips, with an associated reduction in greenhouse gas emissions. Such a reduction would be in support of state, regional, and local emissions reduction goals, including targets adopted by the Puget Sound Clean Air Agency.
Development Patterns	
Goal: The region creates walkable, compact, and equitable transit-oriented communities that maintain unique local character, while creating and preserving open space and natural areas. **Policies** **MPP-DP-1:** Develop high-quality, compact urban communities throughout the region's urban growth area that impart a sense of place, preserve local character, provide for mixed uses and choices in housing types, and encourage walking, bicycling, and transit use. **MPP-DP-3:** Enhance existing neighborhoods to provide a high degree of connectivity in the street network to accommodate walking, bicycling, and transit use, and sufficient public spaces. **MPP-DP-4:** Support the transformation of key underutilized lands, such as surplus public lands or environmentally contaminated lands, to higher-density, mixed-use areas to complement the development of centers and the enhancement of existing neighborhoods. **MPP-DP-12:** Design transportation projects and other infrastructure to achieve community development objectives and improve communities. **MPP-DP-14:** Recognize and work with linear systems that cross jurisdictional boundaries – including natural systems, continuous land use patterns, and transportation and infrastructure systems – in community planning, development, and design. **MPP-DP-15:** Design communities to provide safe and welcoming environments for walking and bicycling. **MPP-DP-17:** Promote cooperation and coordination among transportation providers, local government, and developers to ensure that joint- and mixed-use developments are designed to promote and improve physical, mental, and social health and reduce the impacts of climate change on the natural and built environments. **MPP-DP-22:** Plan for densities that maximize benefits of transit investments in high-capacity transit station areas that are expected to attract significant new population or employment growth. **MPP-DP-23:** Evaluate planning in regional growth centers and high-capacity transit station areas for their potential physical, economic, and cultural displacement of marginalized residents and businesses. Use a range of strategies to mitigate displacement impacts.	TDLE would encourage transit use and support transit-oriented development across jurisdictional boundaries. TDLE would also support more dense transit-oriented development near new transit stations in Federal Way, Fife, and Tacoma where zoning is in place to accommodate this growth. Currently only zoning in Tacoma would support this type of growth, but ongoing planning in Federal Way and Fife anticipate changes consistent with TDLE. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation. Bicycle parking would be provided at each station and road improvements, including sidewalks and bike lanes, would also improve multi-modal connectivity to existing neighborhoods. The implementation of high-capacity transit is consistent with the community development objectives of King County, Pierce County, Federal Way, Milton, Fife, and Tacoma, as discussed for each jurisdiction below. In recognition of the project as a linear transportation system that crosses jurisdictional boundaries, Sound Transit will continue to collaborate with these communities on the development of the project. Any displacement of residents and businesses, including marginalized communities, would be mitigated through a range of strategies, including just compensation and targeted outreach and communication.

Table H2-1 TDLE Consistency with PSRC VISION 2050 (continued)

Goals and Policies	Consistency of TDLE Discussion
Puget Sound Regional Council VISION 2050	
MPP-DP-25: Support the development of centers within all jurisdictions, including high-capacity transit station areas and countywide and local centers.	
Economy	
Goal: The region has a prospering and sustainable regional economy by supporting businesses and job creation, investing in all people, sustaining environmental quality, and creating great central places, diverse communities, and high quality of life. **Policies** **MPP-EC-6:** Ensure the efficient flow of people, goods, services, and information in and through the region with infrastructure investments, particularly in and connecting designated centers, to meet the needs of the regional economy. **MPP-EC-21:** Concentrate a significant amount of economic growth in designated centers and connect them to each other in order to strengthen the region's economy and communities and to promote economic opportunity.	TDLE would promote the efficient flow of people and goods through the region, concentrate economic growth in regional growth centers near transit stations in Federal Way and Tacoma, and connect those areas to strengthen the region's economy. TDLE would provide a fast, efficient, and reliable mode of transit with connections to designated centers in the project corridor and throughout the region to meet the needs of the regional economy. TDLE uses dedicated right-of-way to ensure reliability and maximize speeds, when possible.
Transportation	
Goal: The region has a sustainable, equitable, affordable, safe, and efficient multimodal transportation system, with specific emphasis on an integrated regional transit network that supports the Regional Growth Strategy and promotes vitality of the economy, environment, and health. **Policies** **MPP-T-1:** Maintain and operate transportation systems to provide safe, efficient, and reliable movement of people, goods, and services. **MPP-T-5:** Develop a transportation system that minimizes negative impacts to, and promotes, human health. **MPP-T-7:** Fund, complete, and operate the highly efficient, multimodal system in the Regional Transportation Plan to support the Regional Growth Strategy. Coordinate WSDOT, regional, and local transportation agencies, in collaboration with the state legislature, to build the multimodal system. **MPP-T-8:** Strategically expand capacity and increase efficiency of the transportation system to move goods, services, and people consistent with the Regional Growth Strategy. Focus on investments that produce the greatest net benefits to people and minimize the environmental impacts of transportation. **MPP-T-9:** Implement transportation programs and projects that provide access to opportunities while preventing or mitigating negative impacts to people of color, people with low incomes, and people with special transportation needs. **MPP-T-10:** Ensure mobility choices for people with special transportation needs, including persons with disabilities, seniors, youth, and people with low incomes. **MPP-T-11:** Design, construct, and operate a safe and convenient transportation system for all users while accommodating the movement of freight and goods, using best practices and context sensitive design strategies. **MPP-T-12:** Emphasize transportation investments that provide and encourage alternatives to single-occupancy vehicle travel and increase travel options, especially to and within centers and along corridors connecting centers. **MPP-T-13:** Increase the proportion of trips made by transportation modes that are alternatives to driving alone, especially to and within centers and along corridors connecting centers, by ensuring availability of reliable and competitive transit options.	TDLE would build on and expand the utility of the existing regional light rail system that provides safe, efficient, and reliable movement of people and reduced demand for SOV trips. TDLE would provide reliable access to transportation for a wide range of communities, including people with disabilities, seniors, youth, and people with low incomes. TDLE would be located extensively within or adjacent to existing right-of-way. TDLE would include integration with existing and future pedestrian, bicycle, transit, and other transportation modes in the study area. Signage and wayfinding designs would be developed in cooperation with affected jurisdictions. Each station would include an area for riders to transfer to or from buses either on nearby streets or dedicated bus facilities within the station area. All stations would have areas for rider pick-up and drop-off as well as bicycle parking. Sound Transit would make road improvements (such as sidewalks, bike lanes, or widening to accommodate projected traffic levels) at stations. TDLE is a transportation investment that would encourage alternatives to SOV trips and increases travel options to and within designated centers and along corridors connecting centers. TDLE is intended to operate safely and conveniently for all users while accommodating the movement of freight and goods, particularly to and from the designated Manufacturing/Industrial Center in Tacoma, which includes the Port of Tacoma. Each TDLE station, except Portland Avenue, would include added parking, which would make it easy for people to move from one mode to another. Bike and pedestrian facilities would also be included near each station to improve local street patterns for walking, bicycling, and transit use to enhance communities, connectivity, and physical activity. Also, each station would include nearby bus facilities, allowing for easy mode splitting.

Table H2-1 TDLE Consistency with PSRC VISION 2050 (continued)

Goals and Policies	Consistency of TDLE Discussion
Puget Sound Regional Council VISION 2050	
MPP-T-14: Integrate transportation systems to make it easy for people and freight to move from one mode or technology to another. **MPP-T-15:** Prioritize investments in transportation facilities and services in the urban growth area that support compact, pedestrian- and transit-oriented densities and development. **MPP-T-16:** Improve local street patterns – including their design and how they are used – for walking, bicycling, and transit use to enhance communities, connectivity, and physical activity. **MPP-T-17:** Promote and incorporate bicycle and pedestrian travel as important modes of transportation by providing facilities and reliable connections. **MPP-T-18:** Promote coordination among transportation providers and local governments to ensure that joint- and mixed-use developments are designed in a way that improves overall mobility and accessibility to and within such development. **MPP-T-19:** Design transportation programs and projects to support regional growth centers and high-capacity transit station areas. **MPP-T-23:** Make transportation investments that improve economic and living conditions so that industries and skilled workers continue to be retained and attracted to the region. **MPP-T-33:** Prepare for changes in transportation technologies and mobility patterns, to support communities with a sustainable and efficient transportation system.	TDLE is consistent with existing mobility patterns and supports communities with a sustainable and efficient transportation system.

PSRC = Puget Sound Regional Commission; SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension; TOD = transit oriented development

Table H2-2 TDLE Consistency with King County Planning Goals and Policies

Goals and Policies	Discussion
King County Comprehensive Plan	
Regional Growth Management Planning	
RP-109 King County should establish and/or participate in regional and subregional partnerships to advance the objectives of the Comprehensive Plan, such as: a. The King County Cities Climate Collaboration (the "K4C") to confront climate change, b. The Puget Sound Regional Council's Regional Transit Oriented Development Program to advance transit-oriented development around transit stations and hubs, c. The Eastside Rail Corridor Regional Advisory Council, or successor groups, to support a vision that includes dual use (recreation trail and public transportation) and multiple objectives, consistent with its federal railbanked status, and d. The Regional Code Collaboration to collaborate on development of and updates to green building codes. **RP-204** King County shall continue to promote an efficient multimodal transportation system that provides residents with a range of transportation choices that respond to community needs and reduce impacts on the natural environment.	TDLE is a regional project that would expand and promote an existing multimodal transportation system that increases transportation choices for residents and would decrease reliance on SOVs. TDLE would be generally consistent with the GMA and Comprehensive Plan.

Table H2-2 TDLE Consistency with King County Planning Goals and Policies (continued)

Goals and Policies	Discussion
King County Comprehensive Plan	
Urban Communities	
Environment	
E-201 King County should participate in and support appropriate local, regional and national efforts and organizations focused on reducing greenhouse gas emissions and preparing for climate change impacts. **E-214** King County, through its Comprehensive Plan policies and development regulations, should promote healthy community designs that enable walking, bicycling, and public transit use, thereby reducing greenhouse gas emissions and regional air pollution. **E-225** Through land use and transportation actions, King County should work to reduce air quality and climate change related health inequities and the exposure of vulnerable populations to poor air quality and extreme weather events. **E-462** Development shall occur in a manner that supports continued ecological and hydrologic functioning of water resources and should not have a significant adverse impact on water quality or water quantity, or sediment transport, and should maintain base flows, natural water level fluctuations, unpolluted groundwater recharge in Critical Aquifer Recharge Areas and fish and wildlife habitat. **E-474** Development adjacent to wetlands shall be sited such that wetland functions and values are protected, an adequate buffer around the wetlands is provided, and significant adverse impacts to wetlands are prevented. **E-483** Wetland impacts should be avoided if possible, and minimized in all cases. Where impacts cannot be avoided, they should be mitigated on site if the proposed mitigation is feasible, ecologically appropriate, and likely to continue providing equivalent or better biological functions in perpetuity. Where on-site mitigation is not possible or appropriate, King County may approve off-site mitigation. **E-484** Mitigation projects should contribute to an existing wetland system or restore an area that was historically a wetland. Mitigation should only create new wetlands after site monitoring indicates that hydrologic conditions exist to support a new wetland. Mitigation sites should be strategically located to reduce habitat fragmentation or to restore and enhance area-specific functions within a watershed. **E-485** Land used for wetland mitigation should be preserved in perpetuity. Monitoring and maintenance in conformance with King County standards should be provided or paid for by the project proponent until the success of the site is established. Long-term stewardship should occur at mitigation sites to ensure sites continue to provide desired functions and values.	TDLE is a regional transportation project that will enable public transit use and reduce greenhouse gas emissions by providing a more efficient alternative to SOV trips. TDLE would improve air quality and conserve energy. TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts on ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.

Table H2-2 TDLE Consistency with King County Planning Goals and Policies (continued)

Goals and Policies	Discussion
King County Comprehensive Plan	
Transportation	
T-201 Multimodal transportation options such as public transportation, bicycling and walking, are most effective in densely developed urban areas. As resources allow, King County's transportation investments in urban areas should emphasize public transportation and road services and facilities that support multiple modes and facilitate connections between them. **T-204** King County should support local and regional growth plans and policies by focusing transit services on centers and other areas of concentrated activity. **T-205** King County should support, encourage, and implement high-capacity transit facilities and services that are consistent with, and supportive of, the Comprehensive Plan, Metro's Strategic Plan for Public Transportation, Metro's Long Range Plan for Public Transportation and the King County Ferry District 2014 Strategic Plan, or successor plans. **T-320** Transportation improvements should be designed, built, and operated to minimize air, water and noise pollution, greenhouse gas emissions, and the disruption of natural surface water drainage in compliance with provisions and requirements of applicable federal, state and local environmental regulations. Natural and historic resource protection should also be considered. Particular care should be taken to minimize impacts where the location of such facilities could increase the pressure for development in critical areas or Rural Areas and Natural Resource Lands. **T-502** King County should promote a multi-jurisdictional, multimodal regional corridor approach to reducing congestion and improving efficiency on highways and arterial roads.	TDLE would provide a fast, efficient, and reliable transportation system that would serve as an alternative to the SOVs through multiple jurisdictions, connect urban centers, and provide linkages to other travel modes, including rail, bus, and walking. TDLE would support growth around the stations where zoning is in place to accommodate this growth. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation. Sound Transit has considered historic resources in the development of the TDLE alternatives and will continue to do so throughout project development. Potential mitigation measures will be considered, as appropriate for any impacts on historic and culturally significant resources that could not be avoided. TDLE would operate electrically-powered vehicles that would minimize emissions. Sound Transit would minimize noise pollution through periodic rail grinding or replacement, wheel truing or replacement, vehicle maintenance, and operator training, which would minimize light rail noise levels. TDLE would not increase development pressure in critical areas, Rural Areas, or Natural Resource Lands.
Economic Development	
ED-102 The focus for significant economic growth will remain within the Urban Growth Area, while within the Rural Area and Natural Resource Lands, the focus will be on sustaining and enhancing prosperous and successful rural businesses as well as encouraging new businesses that support and are compatible with the rural economic clusters. **ED-401** King County recognizes that adequate infrastructure is essential to support existing economic activity and to attract new industry and development. The county therefore supports and partners on programs and strategies to maintain existing infrastructure and construct new facilities (transportation, utilities, schools, information, communications, including an adequate supply of housing) necessary to accommodate current and future economic demand, in locations and at a size and scale that is consistent with other policies in the Comprehensive Plan.	TDLE would support increased density in urban growth areas in Tacoma and Federal Way where zoning is in place to accommodate this growth and would reduce demand in rural areas, allowing them to be preserved for their preferred values. TDLE is generally consistent with and supportive of comprehensive plans for the cities in which the project would be located.

GMA = Growth Management Act; SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension; TOD = transit oriented development

Table H2-3 TDLE Consistency with Pierce County Planning Goals and Policies

Goals and Policies	Discussion
Pierce County Comprehensive Plan	
Land Use Element	
GOAL LU-14 The County shall design transportation projects and other infrastructure to achieve community development objectives of connectivity, walkability, bikeability, and transit support.	TDLE would include integration with existing and future pedestrian, bicycle, and other transportation modes in the study area. It would also provide connections to other local and regional modes of transportation.
GOAL LU-18 The County will coordinate with local transit providers to support high interval transit service that provides access to services within the entire Center/Central Place or Transit-Oriented Corridor and access to transit facilities that access regional centers of activity.	TDLE would provide frequent, high-capacity transit and would improve access to other centers of activity throughout the region.
GOAL LU-97 Private property shall not be taken for public use without just compensation having been made.	TDLE would be located within or adjacent to existing transportation corridors where possible, but TDLE would require the acquisition of some private property. Sound Transit would comply with local, state, and federal regulations when acquiring property.
Environment Element	
ENV-3.5 Recognize the relationship between reducing vehicle trips and reducing carbon emissions.	TDLE would support the concentration of high-density uses near transit stations, where zoning allows, and reduce reliance on SOVs, which would have a positive impact on air quality and reduce carbon emissions.
Transportation Element	
GOAL T-1 Collaborate in the development of a countywide multimodal transportation system that considers the mobility needs of all residents, emphasizes safety, minimizes impacts to the natural and built environments, and facilitates goods movement.	TDLE would provide frequent, high-capacity public transportation and connections to other countywide modes of transportation, including to and within the Urban Growth Area and throughout the county.
GOAL T-6 Place particular emphasis on the development of an interconnected, multimodal transportation system within designated centers and along corridors connecting centers.	TDLE would build upon an existing regional transportation system as well as provide connections to multimodal systems within designated centers and along a transportation corridor that connects centers.
GOAL T-16 Encourage and cooperate with transit agencies to provide services that meet the needs of residents. **T-16.1** Coordinate with transit agencies to increase the number of routes and frequency, as funding becomes available, especially to underserved areas and designated centers within the unincorporated area. **T-16.5** Encourage transit agencies to add bicycle lockers and other amenities to accommodate multimodal connections.	TDLE would provide a new public transportation option to residents throughout the Puget Sound region. Sound Transit will coordinate with Pierce County regarding the location of transit centers, park-and-ride lots, stations, and bus stops, as well as bike, pedestrian, and bus connections. Sound Transit plans to include bike lockers and other amenities at each TDLE station location.
GOAL T-18 Encourage transit oriented development and prioritize facilities that help connect people to transit, such as sidewalks, trails, crosswalks, and bicycle parking.	TDLE would support growth around the stations where zoning is in place to accommodate this growth. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation. TDLE stations and facilities would be designed to standards that minimize the potential for conflicts among buses, nonmotorized users, and vehicles.

Table H2-3 TDLE Consistency with Pierce County Planning Goals and Policies (continued)

Goals and Policies	Discussion
Pierce County Comprehensive Plan	
GOAL T-29 Impacts on health and the natural and built environments shall be important considerations when designing and implementing facilities. **T-29.2** Locate and construct improvements to discourage adverse impacts on water quality and other environmental resources. **T-29.3** Design facilities to fit within the context of the built or natural environment in which they are located **T-29.8** Solicit and incorporate the concerns and comments of interested parties regarding environmental issues into the planning, design, construction, operation, and maintenance of the system.	TDLE stations and facilities would be designed to standards that minimize the potential for conflicts among buses, nonmotorized users, and vehicles.

SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension

Table H2-4 TDLE Consistency with Federal Way Planning Goals and Policies

Goals and Policies	Discussion
City of Federal Way Comprehensive Plan	
Land Use	
LUP 16 Encourage the development of transportation routes and facilities to serve single-family neighborhoods. Special attention should be given to pedestrian circulation.	Neither TDLE station in the City of Federal Way would be located in an area to serve single-family neighborhoods.
LUP 21 Support multi-family development with transportation and capital facilities improvements.	TDLE would support multi-family development with transportation improvements through TOD near stations.
Transportation	
Goal TG1 Maintain mobility through a safe, balanced, and integrated transportation system. **Policies** **TP1.1** Reduce reliance on drive alone trips by prioritizing and implementing supportive local-level transit, high occupancy vehicle (HOV), and nonmotorized improvements. **TP1.10** Coordinate with transit agencies to provide convenient nonmotorized access to transit facilities.	TDLE would build on an existing high-capacity regional transportation system. TDLE would include integration with existing and future pedestrian, bicycle, and other transportation modes in the study area. TDLE stations would include amenities and considerations for patron needs, including weather protection, pedestrian comfort, and safety designs. Signage and wayfinding designs would be developed in cooperation with affected jurisdictions.
Goal TG3 Enhance community health, livability, and transportation by providing a connected system of pedestrian, bicycle, and transit ways that are integrated into a coordinated regional network. **Policies** **TP3.1** Through subarea planning, with the cooperation of transit service providers, work to make transit part of each neighborhood through appropriate design, service types, and public involvement. This system should provide convenient connections from city neighborhood activity centers to the regional transportation system. **TP3.2** Prepare, promote, and provide for an enhanced, high-capacity, regional transit system, maintaining area residents' mobility and travel options. The regional transit system should assist in attaining air quality standards. **TP3.5** Work with transit agencies to ensure amenities such as shelters, benches, bicycle racks, lighting, and information kiosks are incorporated in the design and improvement of appropriate transit facilities. **TP3.7** Promote extension of fixed guideway facilities to the regional airport as an effective means of resolving congestion problems that affect City residents and businesses. **TP3.17** Coordinate development of the nonmotorized system with surrounding jurisdictions and regional system extensions.	TDLE would be part of a coordinated regional transportation network that would be integrated with existing light rail and bus networks. It would expand public transportation options to Seattle-Tacoma International Airport, which would help ease travel-related congestion. TDLE would include integration with existing and future pedestrian, bicycle, and other transportation modes in the study area. TDLE stations would include amenities and considerations for patron needs, comfort, and safety, including shelters and weather protection, bicycle racks, lighting, and travel information. Signage and wayfinding designs would be developed in cooperation with affected jurisdictions.

Table H2-4 TDLE Consistency with Federal Way Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Federal Way Comprehensive Plan	
TP3.18 Incorporate environmental factors into transportation decision-making, including attention to human health and safety.	
Goal TG5 Develop and implement transportation systems management strategies and programs that contribute to the overall effectiveness of the multimodal transportation system. **Policies** **TP5.1** Reduce auto dependency, especially drive-alone trips, by employing and promoting the application of programs enhance mobility and assist in achievement of the land use vision. **TP5.8** Encourage the provision of a robust transportation alternative rich environment so that all members of the community, including those with transportation disadvantages, have viable travel options or alternatives.	TDLE would promote transit use to and from Federal Way by providing frequent, accessible, and reliable high-capacity transportation to all members of the community, including those with transportation disadvantages. TDLE would reduce auto dependency, including SOV trips.
Goal TG6 Be an active partner by coordinating with a broad range of groups to help meet Federal Way's transportation goals**.** **Policies** **TP6.1** Implement federal, state, and countywide planning policies. **TP6.2** Coordinate transportation improvement programs with appropriate state, regional, and local agencies. **TP6.4** The City will continue to cooperate with regional and local transit providers to develop facilities that make transit a more attractive option. **TP6.7** Support regional transportation projects that are appropriately designed and will preserve the movement of people and goods on I-5 and state routes. **TP6.9** Coordinate with local business organizations, and provide feedback to local business organizations on international and regional transportation issues and on transport needs and opportunities related to all modes of transportation.	TDLE would promote transit use to and from Federal Way by providing frequent, reliable, high-capacity transportation to destinations throughout the region, consistent with federal, state, and countywide planning policies. TDLE would decrease reliance on SOV trips, contributing to the preservation of movement of people and goods on I-5 and other state routes. Sound Transit would coordinate with Federal Way to develop facilities that make transit a more attractive option, including convenient bus to light rail connections.
Economic Development	
Goal EDG2 Help attract, expand, and retain businesses, jobs, and investments that provide employment and enhance income opportunities for Federal Way residents. **Policies** **EDP8** Promote the redevelopment of existing underdeveloped areas as a means to sustain the economy and provide jobs.	TDLE would provide a major regional transportation improvement that would enhance mobility and access within the City, which would support goals to retain business and jobs. TDLE also supports opportunities for redevelopment of underdeveloped areas, but the extent would vary, based on the South Federal Way station site ultimately implemented, as well as underlying City zoning that may ultimately be in place.
Natural Environment	
Goal NEG1 To preserve the City's natural systems in order to protect public health, safety, and welfare, and to maintain the integrity of the natural environment. **Policies** **NEP4** The City will continue to work with internal departments, state and regional agencies, neighboring jurisdictions, and tribes to protect environmentally critical areas and the City's natural environment.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.
Goal NEG5 Protect, restore, and enhance the City's lakes and streams. **Policies** **NEP39** Public facilities and utilities may cross lakes or streams where no other feasible alternative exists. Impacts to the resources should be the minimum necessary to complete the project and compensatory mitigation should be required for unavoidable impacts.	TDLE would cross several streams and rivers, including Hylebos Creek and the Puyallup River. TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.

Table H2-4 TDLE Consistency with Federal Way Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Federal Way Comprehensive Plan	
Goal NEG7 Protect and enhance the functions and values of the City's wetlands. **Policies** **NEP46** Impacts to wetlands should be limited. All efforts should be made to use the following mitigation sequencing approach: avoid, minimize, rectify, reduce over time, compensate, and monitor.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.
Goal NEG10 Preserve, protect, and enhance fish and wildlife habitat. **Policies** **NEP70** The City should manage aquatic and riparian (stream side) habitat in a way that minimizes its alteration in order to preserve and enhance its ability to sustain fish and wildlife. **NEP71** The City should preserve and enhance native vegetation in riparian habitat wherever possible.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.
Goal NEG12 Promote land use patterns and transportation systems that minimize air pollution and greenhouse gas emissions. **Policies** **NEP788** Encourage transportation demand management and alternatives to the single occupancy vehicle in order to reduce energy consumption, air, and water pollution. **NEP90** Encourage compact growth in the City Center and other mixed-use zones that support mass transit, encourage nonmotorized modes of travel, and reduce trip lengths.	TDLE would reduce dependence on SOV trips, with an associated reduction in pollutants and greenhouse gas emissions from transportation activities. TDLE would support the utility of the light rail system south of the Federal Way City Center, where it connects to stations being built as part of the Federal Way Link Extension. It would support growth around new stations in Federal Way where mixed-use zoning is in place to accommodate this growth. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation.
City Center	
Goal CCG18 Plan for land use patterns and transportation systems that minimize air pollution and greenhouse gas emissions. **Policies** **CCP39** Continue to build a multimodal transportation system, as described in Chapter 3, "Transportation," so that people who live and work in Federal Way have a variety of convenient low-or no-emission transportation options.	TDLE would reduce dependence on SOV trips, with an associated reduction in pollutants and greenhouse gas emissions from transportation activities, as well increasing multimodal transportation options for people who live and work in Federal Way.

SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension

Table H2-5 TDLE Consistency with City of Milton Planning Goals and Policies

Goals and Policies	Discussion
City of Milton Comprehensive Plan	
Land Use Element	
Goal EV 1 Safeguard the natural environment for current and future generations. **Policies** **Pol. EV 1.4** Retain and protect wetlands, river and stream banks, ravines, and any other areas that provide essential habitat for sensitive and locally important plant or wildlife species.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.
Goal EV 2 Manage development to protect environmentally sensitive lands. **Policies** **Pol. EV 2.1** All development activities should minimize disturbance of and adverse impacts to fish and wildlife resources, including spawning, nesting, rearing and habitat areas, and migratory routes.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.

Table H2-5 TDLE Consistency with City of Milton Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Milton Comprehensive Plan	
Pol. EV 2.2 Limit the unnecessary disturbance of natural vegetation and wooded areas in new developments, in accordance with the critical areas ordinance. **Pol. EV 2.5** Identify the impacts of new development on water quality and require any appropriate mitigating measures. Impacts on fish resources should be a priority concern in such reviews.	
Goal EV 3 Take proactive steps to address climate change. **Policies** **Pol. EV 3.1** Consider a multi-pronged approach to climate change mitigation, including support for energy efficiency, vehicle trip reduction, and environmental protection.	TDLE would reduce reliance on SOV trips throughout the Puget Sound region by providing additional frequent high-capacity public transit.
Transportation	
Goal TR 2 Coordinate with regional transportation entities to ensure maximum connectivity between regional transportation systems and the City of Milton	TDLE would pass through Milton, but no stations would be located there. Sound Transit would coordinate with the City of Milton and other transit agencies regarding connectivity to TDLE stations in Federal Way and Fife.
Goal TR 3 Maintain an environmentally sustainable transportation system that preserves sensitive habitat, protects natural resources and meets air quality requirements. **Policies** **Pol. TR 3.6** Transportation facilities and services should be sited, designed, and buffered (through extensive screening and/or landscaping) to fit in harmoniously with their surroundings. When sited within or adjacent to residential areas, special attention should be given to minimizing environmental, noise, light, and glare impacts.	TDLE would provide a sustainable transportation system that would be located adjacent to I-5 or Pacific Highway through Milton and would travel along the boundaries of residential neighborhoods to avoid bisecting the neighborhoods. TDLE's location adjacent to an existing highway would increase the new facility's compatibility with its surroundings, discussed further in Section 4.5, Visual and Aesthetic Resources. TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects. Sound Transit's noise policy is to minimize noise levels at the source. In addition, Sound Transit has committed to a maintenance program that includes periodic rail grinding or replacement, wheel truing or replacement, vehicle maintenance, and operator training, which would minimize light rail noise levels.
Goal MM 1 The City shall strive to develop, maintain, and operate a balanced, flexible, safe, and efficient multi-modal transportation system to serve all persons, special needs populations and activities in the community. **Policies** **Pol. MM 1.2** The City shall encourage the implementation of measures that will relieve pressures on the existing transportation infrastructure, including: a. multi-modal transportation alternatives; b. land use coordination; c. prioritized improvements; d. park-and-ride lots. **Pol. MM 1.3** The City shall encourage the integration, coordination, and linkage of the connections and transfer points between all modes of transportation. **Pol. MM 1.4** The City shall work with local and regional transit agencies to provide transit service that links Milton with surrounding communities, regional rail transit, and major employment and commercial centers in the region. **Pol. MM 1.8** The City shall coordinate the development of its nonmotorized facilities with adjacent jurisdictions to ensure an efficient, continuous, regional network.	TDLE would implement a new public transportation option through Milton, with multimodal connections from Milton to nearby stations in Fife and Federal Way, as well as other destinations connected by the regional light rail system. Sound Transit will coordinate with the City of Milton regarding local and regional transit service that would link Milton to the regional rail system and develop connecting and complementary transit service.

Table H2-5 TDLE Consistency with City of Milton Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Milton Comprehensive Plan	
Pol. MM 1.11 The City shall support coordination with transit agencies such as Pierce Transit, Sound Transit, and King County Metro in developing connecting and complementary transit service.	

SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension; TOD = transit oriented development

Table H2-6 TDLE Consistency with City of Fife Planning Goals and Policies

Goals and Policies	Discussion
City of Fife Comprehensive Plan	
Land Use	
Goal 1 Maintain a reasonable and sustainable land use pattern as growth occurs while discouraging sprawl. **Policies** **Policy 1.2** Guide growth toward the creation of compact, efficient patterns of land use. **Policy 1.4** Encourage infill development of vacant or underutilized land within existing urbanized areas.	TDLE could provide TOD development opportunities near stations and within the City of Fife's City Center Vision area, which may include potential redevelopment plans and land use changes to support TOD.
Goal 14 Encourage the development of a downtown area as a center of commercial, civic, cultural and recreational activities. **Policies** **Policy 14.1** Create a vibrant, compact downtown area that is an inviting place to work, shop, live and socialize. **Policy 14.2** Encourage mixed-use development that balances residential, public, entertainment and business uses.	Fife's "Downtown District Center" is within the TDLE study area. TDLE would increase access to the area, which would support the development of a downtown area as envisioned by the city.
GOAL 15 Become a more sustainable community with regard to universal responsibility, interconnectedness, health, wellness of our people, our culture and our planet. **Policies** **Policy 15.3** Encourage more compact development and "complete streets" to provide options for residents and businesses to reduce the City's need for fossil fuels and provide opportunities for nonmotorized modes of transportation to improve public health and safety, and provide for multiple environmental benefits.	TDLE would contribute to long-term sustainability by reducing reliance on SOV trips, with a resulting reduction in consumption of fossil fuels. It would promote nonmotorized transportation by improving pedestrian and bicycle access connections to transit stations.
Transportation	
Goal 1 Provide for a well-connected, efficient transportation system that offers choices in travel modes, seeks to reduce traffic congestion in Fife, and reduces dependence on the single occupancy vehicle. **Policies** **Policy 1.1** Pursue opportunities to create a well-connected street and sidewalk network to give people more transportation options, reduce travel distances, encourage walking and biking, and improve traffic flow and emergency vehicle response times. **Policy 1.2** Develop a transportation system responsive to all transportation modes. **Policy 1.3** Work with transit providers to facilitate the extension of transit services and to maintain existing facilities.	TDLE is listed as a Recommended Transportation Improvement project in Roadway Projects to be Completed by Other Agencies (Table TR-11). It will provide a well-connected, efficient transportation system through Fife and help to reduce congestion and reliance on SOVs. TDLE would include access improvements near the station in Fife to reconnect the street grid and improve network connectivity.
Goal 3 Promote and encourage the use of Transportation Demand Management (TDM) strategies to reduce traffic in the City. Policies **Policy 3.2** Encourage transit-oriented development in areas served by and planned to be served by transit.	TDLE would support transit-oriented development near stations, where zoning designations allow.

Table H2-6 TDLE Consistency with City of Fife Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Fife Comprehensive Plan	
Goal 5 Maintain an environmentally sustainable transportation system, addressing sensitive habitat corridors, and air quality requirements. **Policies** Policy 5.2 Protect air quality from adverse impacts.	TDLE would comply with applicable local, state and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts to ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.
Goal 6 Use transportation planning and projects to support and implement the City's Strategic Plan. **Policies** **Policy 6.1** Review projects identified on the Six-Year Transportation Improvement Plan and long range project list for consistency with the City Strategic Plan, and give higher priority to projects that best implement and support the City's Strategic Plan.	TDLE is listed as a Recommended Transportation Improvement project in Roadway Projects to be Completed by Other Agencies (Table TR-11).
Economic Development	
Goal: Improve the local economy meeting the needs of local residents and businesses and providing for a sustainable tax base. **Policies** **Policy 3** Improve the quality of life in the community to make the city a desirable place for businesses to invest and for their employees to live.	TDLE would increase transportation options to Fife, which may increase its desirability as a place for businesses to invest and for their employees.

SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension; TOD = transit oriented development

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
Urban Form	
Goal UF-1: Guide development, growth, and infrastructure investment to support positive outcomes for all Tacomans. **Policies** **Policy UF-1.4:** Direct the majority of growth and change to centers, corridors, and transit station areas, allowing the continuation of the general scale and characteristics of Tacoma's residential areas. **Policy UF-1.5:** Strive for a built environment designed to provide a safe, healthful, and attractive environment for people of all ages and abilities. **Policy UF-1.6:** Support energy-efficient, resource-efficient, and sustainable development and transportation patterns through land use and transportation planning. **Policy UF-1.8:** Recognize the importance of the city's established street grid pattern, block sizes, and intersection density in supporting multi-modal transportation, quality urban design, and 20-minute neighborhoods. Whenever practicable, the established grid pattern should be preserved and enhanced to achieve the city's goals for urban form, and design and development.	TDLE would support growth around the stations where zoning is in place to accommodate this growth. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation. TDLE would include bike and pedestrian improvements that would support a safe, healthful, and attractive environment for people of all ages and abilities, and would support energy and resource-efficient transportation patterns by providing a new transit option. TDLE would modify the existing street grid pattern and block sizes near the station alternatives, but such modification is limited to preserve the established grid, block size, and intersection density as practicable.
Goal UF-4: Catalyze the Downtown as Tacoma's and the South Puget Sound's largest center with the highest concentrations of housing and with a diversity of housing options and services. **Policies** **Policy UF-4.1:** Strive to achieve Downtown Tacoma's regional allocation of housing and employment and continue its growth as a regional center for innovation and exchange through diverse transit-oriented housing opportunities, commerce, employment, arts, culture, entertainment, tourism, education, and government.	TDLE would support Downtown Tacoma as a regional transportation hub and optimize regional access to Downtown Tacoma by providing connections between the existing Tacoma Link rail system and the larger regional light-rail system. TDLE is anticipated to catalyze housing development, particularly in areas appropriate for TOD.

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
Policy UF-4.3: Enhance the Downtown as a regional transportation hub and optimize regional access to Downtown Tacoma's destinations.	
Goal UF-9: Promote future residential and employment growth in coordination with transit infrastructure and service investments. **Policies** **Policy UF-9.1:** Encourage transit-oriented development and transit-supportive concentrations of jobs and housing, and multimodal connections, at and adjacent to high-frequency and high-capacity transit stations. **Policy UF-9.2:** Integrate transit stations into surrounding communities and enhance pedestrian and bicycle connections to provide safe access to key destinations beyond the station area. **Policy UF-9.3:** Design transit areas to improve pedestrian, bicycle, and personal safety within the station and the station area. **Policy UF-9.4:** Encourage transit stations in centers to provide high density concentrations of housing and commercial uses that maximize the ability of residents to live close to both high-quality transit and commercial services. **Policy UF-9.5:** Encourage concentrations of jobs and employment-focused land uses in and around stations in employment areas. **Policy UF-9.6:** Enhance connections between major destinations and transit facilities and strengthen the role of these stations as places of focused activity. **Policy UF-9.7:** Encourage concentrations of mixed-income residential development and supportive commercial services close to high capacity transit stations that are not located in a center.	TDLE would support growth around the stations where zoning is in place to accommodate this growth. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation.
Goal UF-10: Establish designated corridors as thriving places that support and connect Tacoma's centers. **Policies** **Policy UF-10.1:** Enhance the design and transportation function of Centers, Corridors, Transit Station Areas, and Signature Trails. **Policy UF-10.2:** Evaluate adjacent land uses to help inform street classifications in framing, shaping and activating the public space of streets. **Policy UF-10.3:** Integrate both the placemaking and transportation functions when designing and managing streets by encouraging design, development, and operation of streets to enhance opportunities for them to serve as places for community interaction, environmental function, open space, recreation, and other community purposes. **Policy UF-10.4:** Encourage the design and alignment of corridors to respond to topography and natural features, and to maintain public views of prominent landmarks and buildings that serve as visual focal points within streets or that terminate at the end of streets. **Policy UF-10.5:** Enhance Avenues as distinctive places with transit-supportive densities of housing and employment, and high-quality transit service and pedestrian and bicycle facilities that are models of ecologically-sensitive urban design. **Policy UF-10.6:** Encourage public street and sidewalk improvements along Avenues to support the vitality of business districts, create distinctive places, provide a safe and attractive pedestrian environment, and contribute to creating quality living environments for residents. **Policy UF-10.7:** Improve Avenues as key mobility corridors of citywide importance that accommodate all modes of transportation within their right-of-way or on nearby parallel routes.	TDLE would connect two of Tacoma's Mixed Use Urban Centers (Downtown and McKinney) and is located within the PSRC Downtown regional growth center. TDLE would also include bike and pedestrian improvements near stations, including a potential pedestrian bridge over I-5 near the Portland Avenue Station (while the bridge is not currently a part of the funded project, it is an option analyzed in this Draft EIS). TDLE may impact the street grid near the Tacoma Dome Station location.

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
Environment + Watershed Health	
Goal EN-1: Ensure that Tacoma's built and natural environments function in complementary ways and are resilient to climate change and natural hazards. **Policies** **Policy EN-1.13:** Coordinate transportation and stormwater system planning in areas with unimproved or substandard rights of way to improve water quality, prevent localized flooding, enhance pedestrian safety and neighborhood livability. **Policy EN-1.30:** Promote community resilience through the development of climate change adaptation strategies. Strategies should be used by both the public and private sectors to help minimize the potential impacts of climate change on new and existing development and operations, include programs that encourage retrofitting of existing development and infrastructure to adapt to the effects of climate change.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. TDLE would include stormwater and drainage components coordinated with new transportation infrastructure.
Goal EN-2: Protect people, property and the environment in areas of natural hazards. **Policies** **Policy EN-2.3:** Employ special building design, construction, maintenance and operational measures and critical area regulations to minimize the risk of structural damage, fire and injury to occupants, impacts to natural resources and to prevent post-seismic collapse in areas with severe seismic hazards.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts on ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects.
Goal EN-3: Ensure that all Tacomans have access to clean air and water, can experience nature in their daily lives and benefit from development that is designed to lessen the impacts of natural hazards and environmental contamination and degradation, now and in the future. **Policies** **Policy EN-3.2:** Evaluate the potential adverse impacts of proposed development on Tacoma's environmental assets, their functions and the ecosystem services they provide. **Policy EN-3.3:** Require that developments avoid and minimize adverse impacts, to the maximum extent feasible, to existing natural resources, critical areas and shorelines through site design prior to providing mitigation to compensate for project impacts. **Policy EN–3.4** Encourage mitigation approaches when preservation is not feasible that maximize the intended ecosystem benefits. Require on-site or use of established approved mitigation banks versus off-site mitigation; unless off-site mitigation within the same watershed will improve mitigation effectiveness. **Policy EN–3.5** Discourage development on lands where such development would pose hazards to life, property or infrastructure, or where important ecological functions or environmental quality would be adversely affected: a. Floodways and 100-year floodplains b. Geologic hazard areas c. Wetlands d. Streams e. Fish and wildlife habitat conservation areas f. Aquifer recharge areas g. Shorelines Policy **Policy EN–3.6** Limit impervious surfaces within open Space Corridors, shorelines and designated critical areas to reduce impacts on hydrologic function, air and water quality, habitat connectivity and tree canopy.	The TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts on ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects. TDLE would limit impervious surfaces in shorelines and designated critical areas to reduce impacts on hydrologic function, air and water quality, habitat connectivity, and tree canopy.
Goal EN-4: Achieve the greatest possible gain in environmental health City-wide over the next 25 years through proactive planning, investment and stewardship. **Policies** **Policy EN-4.7:** Ensure that plans and investments are consistent with, and advance, efforts to improve air quality and reduce exposure to air toxics, criteria pollutants and urban heat island effects. Consider air quality related health impacts on all Tacomans. **Policy EN-4.41**: Support the reduction of Tacoma's greenhouse gas emissions consistent with the City's adopted targets.	TDLE would contribute to achieving gains in environmental health through proactive planning, investment, and stewardship. TDLE would improve air quality and reduce greenhouse gas emissions by reducing reliance on SOV trips in part by creating a safe, clean, and integrated multimodal transportation system.

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
Policy EN-4.43: Reduce greenhouse gas emissions associated with single occupant vehicles and trucks hauling freight by creating a safe, clean and integrated multimodal transportation system.	
Housing	
Goal H-1 Promote access to high-quality affordable housing that accommodates Tacomans' needs, preferences, and financial capabilities in terms of different types, tenures, density, sizes, costs, and locations. **Policies** **Policy H-1.9** Apply infill housing approaches to create additional housing opportunities for low and mid-range (Missing Middle) housing types.	TDLE would support growth around the stations, including affordable housing, where zoning is in place to accommodate this growth.
Goal H-3 Promote safe, healthy housing that provides convenient access to jobs and to goods and services that meet daily needs. This housing is connected to the rest of the city and region by safe, convenient, affordable multimodal transportation. **Policies** **Policy H-3.2** Locate higher density housing, including units that are affordable and accessible, in and around designated centers to take advantage of the access to transportation, jobs, open spaces, schools, and various services and amenities. **Policy H-3.5** Improve equitable access to active transportation, jobs, open spaces, high-quality schools, and supportive services and amenities in areas with high concentrations of under-served populations and an existing supply of affordable housing. **Policy H-3.6** Locate new affordable housing in areas that are opportunity rich in terms of access to active transportation, jobs, open spaces, high-quality schools, and supportive services and amenities.	TDLE would provide convenient, affordable access from Tacoma to multiple destinations throughout the Puget Sound and would support increased growth, including housing, around stations where zoning is in place to accommodate this growth.
GOAL H-4 Support adequate supply of affordable housing units to meet the needs of residents vulnerable to increasing housing costs. **Policies** **Policy H-4.4** Facilitate the expansion of a variety of types and sizes of affordable housing units, and do so in locations that provide low-income households with greater access to convenient transit and transportation, education and training opportunities, Downtown Tacoma, manufacturing/industrial centers, and other employment areas.	TDLE would provide households of all income levels convenient transit access to education and employment opportunities in Downtown Tacoma, the manufacturing/industrial center between Tacoma and Fife, and other locations throughout the region. TDLE would provide opportunities to build affordable housing near stations in Tacoma, providing greater access to convenient transit, education and training opportunities, and other employment areas.
Economic Development	
Goal EC–4 Foster a positive business environment within the City and proactively invest in transportation, infrastructure, and utilities to grow Tacoma's economic base in target areas. **Policies** **Policy EC–4.9** Maintain and improve the transportation network as necessary to facilitate the efficient movement of goods and attract economic activity.	TDLE would improve the transportation network in Tacoma, which is anticipated to attract economic activity, discussed further in Section 4.3, Economics.
Transportation	
1. Intergovernmental Coordination and Citizen Participation **Goal:** Proactively develop partnerships to best serve all users of the regional transportation system. **Policies** **1.1 Intergovernmental Coordination** Ensure a well-planned regional transportation system that uses resources efficiently to serve all users through active coordination with federal, state, regional, local, tribal, and other interested agencies. **1.2 Citizen Participation** Include and encourage citizen participation in all transportation planning efforts through workshops, volunteer commissions, social media, and other outlets to accommodate the needs and desires of the public. Include specific outreach to traditionally underserved or vulnerable populations. Carry work done for subarea plans forward into more broad-reaching efforts.	Sound Transit has coordinated with federal, state, regional, local tribal and other interested agencies on the siting of TDLE facilities and would continue to coordinate with those agencies and citizens, including specific outreach to underserved or vulnerable populations. TDLE will be generally consistent with the planning policies of all jurisdictions and the GMA. No TOD has been specifically identified as part of TDLE. However, TDLE would support TOD, to the extent zoning would allow, by improving reliability, availability, and convenience of light rail transit.

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
1.4 Partner with Transit Integrate land use and transportation planning, promote transit-oriented or transit-supportive development (TOD) and multimodal transit access, and ultimately improve the reliability, availability, and convenience of bus, streetcar, and light rail transit options for all users and modes through partnerships with public transit agencies, local and regional government, and other regional agencies to leverage resources.	
2. Community Preservation **Goal:** Protect natural, as well as neighborhood, assets to create and connect places where people can live, work, and play in a safe and healthy environment. **Policies** **2.1 Community Coordination** Assess the effect of potential transportation projects on gathering places or destinations such as schools, community centers, businesses, neighborhoods, and other community bodies by consulting with stakeholders and leaders that represent them. Mitigate these effects when possible. **2.2 Urban Design** Support the appearance and form of the City through consideration of aesthetics, beautification, and safety in designing and locating transportation facilities. The Generalized Land Use Element provides more detail on design standards. **2.4 Promote Health** Improve the health of Tacoma's residents and local ecology by implementing a transportation network that reduces auto mode share, increases the number of active travelers and transit riders of all ages and abilities, and improves safety in all neighborhoods. Work with the Tacoma-Pierce County Health Department and other agencies to promote active lifestyles through educational programs and safe and accessible routes for active travelers of all ages and abilities in all neighborhoods.	TDLE would increase Tacoma's connections to other commercial and residential areas throughout the region. TDLE would be constructed adjacent to existing highways or other transit facilities, to the extent possible. Sound Transit has adopted a community outreach plan that would facilitate the community coordination addressed by this policy. See Appendix B to the Draft EIS. Station design will require local approval, consistent with Policy 2.2. Potential visual impacts are discussed further in Section 4.5, Visual and Aesthetic Resources.
3. Multimodal System **Goal:** Prioritize the movement of people and goods via modes that have the least environmental impact and greatest contribution to livability in order to build a balanced transportation network that provides mobility options, accessibility, and economic vitality for all across all neighborhoods. **Policies** **3.3 Mode Split Target** Achieve the Climate Action Plan (CAP) goal of reducing GHGs from transportation sources by increasing the non-single occupant vehicle mode split by 2035, and continue gains thereafter. Mode split targets will be based on all trips in addition to commute trips, established for all modes, and set at lower single occupancy vehicle (SOV) levels for regional growth centers (RGCs) than the rest of the City. To the extent that data is available to track mode split in Tacoma's mixed use centers (MUCs), the MUC targets should also be set at higher non-SOV levels than citywide. **3.7 Special Needs of Transportation Users** Recognize and accommodate the special transportation needs of the elderly, children, and persons with disabilities in all aspects of transportation planning, programming, and implementation. Satisfy the community's desire for a high level of accommodation for persons with disabilities using local, state, or federal design standards. **3.8 Equity in Transportation** Support the transportation needs of traditionally underserved neighborhoods and vulnerable populations, as listed under Goal 2, through investment in equitable modes of transportation and equal spending throughout the City, in addition to potential catch-up investment for areas in need, as necessary.	TDLE would reduce reliance on SOV trips and associated greenhouse gas emissions from transportation sources. TDLE would recognize and accommodate the transportation needs of the elderly, children, and riders with disabilities by adhering to local, state, and federal design standards. TDLE would encourage transit ridership by improving pedestrian access to stations, conducting outreach to employers, and working with public transit agencies to identify strategies to improve the frequency and ridership of transit service, including traditionally underserved neighborhoods and vulnerable populations. The project would locate stations near new and existing transit hubs for the convenience of passenger transfers and to encourage operational efficiency. Specifically, each Tacoma Dome station alternative was paired with bus facility options for purposes of evaluation in the Draft EIS. See Chapter 2.

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
3.12 Transit Operational Efficiency Support efficient transit operations through street and transit stop designs on transit priority streets that comply with standards and include transit-supportive elements for bus, streetcar, and light rail transit. **3.13 Encourage Transit Ridership** Encourage transit ridership by implementing pedestrian improvements near transit stops, conducting outreach to employers, and working with public transit agencies to identify strategies to improve the frequency and ridership of transit service, including bus, streetcar, and light rail, between high density residential areas and employment centers. These strategies would include locating transit stops/stations to maximize convenience of transfers between modes and/or connecting to other routes.	
4. Environmental, Fiscal Stewardship and Social Accountability **Goal:** Design an environmentally, socially, and fiscally sustainable transportation system that serves its users through strategic planning efforts, funding, and projects. **Policies** **4.1 Minimum Environmental Disruption** Minimize the disruption of natural and desirable community amenities of our environment by employing a collaborative, interdisciplinary approach that involves all stakeholders, particularly those traditionally being underserved, to develop a transportation facility that fits its physical setting and preserves scenic, historic, and environmental resources while maintaining safety and mobility. **4.2 Noise and Air Pollution** Encourage the reduction of noise and air pollution from various modes of transportation and ensure the City of Tacoma meets ambient air quality standards by promoting active modes of transportation and the use of alternative fuels for vehicles. **4.4 Congestion Management** Decrease the use of SOVs and the environmental degradation associated with their use by encouraging and improving the appeal, convenience, and time competitiveness of travel by active modes, public transit, assistive devices, and ridesharing.	TDLE would comply with applicable local, state, and federal regulations. Design of the project would minimize impacts, and mitigation would be provided where impacts occur. Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation for unavoidable impacts on ensure no net loss of ecosystem function and acreage as a result of Sound Transit projects. Sound transit has considered historic resources in the development of the TDLE alternatives and will continue to do so throughout project development. Potential mitigation measures will be considered, as appropriate for any impacts on historic and culturally significant resources that could not be avoided.
6. Land Use and Transportation **Goal:** Build a transportation network that reinforces Tacoma's land use vision, Vision 2040 and the GMA. **Policies** **6.1 Land Use Considerations** Ensure reasonable access for all modes to places of employment, schools, libraries, parks, transit centers, civic buildings, and other attractions in Tacoma through development, expansion, or improvement of transportation facilities that are coordinated with existing and projected land use patterns and types of development. Similarly, development patterns and designs should account for their effects on the transportation system. **6.2 Land Use Patterns** Encourage land use patterns and developments, especially in MUCs, that support non-SOV travel, access to multimodal options and intermodal connectivity, opportunities to live close to work, and short trips easily made by walking or bicycling for recreation and commuting. **6.3 20-Minute Neighborhoods** Prioritize infrastructure improvements within and between 20-minute neighborhoods based around Tacoma's centers for growth and along identified corridors that connect residential areas to schools, local retail, business, and community services so residents can safely access more of the services they need close to home by active modes, public transit, and using assistive devices.	TDLE would support growth around the stations where zoning is in place to accommodate this growth and supportive of the 20-minute Neighborhood. The increased density would allow more efficient use of land, allowing for an efficient provision of services and facilities as well as promoting physical activities, including walkability, and the use of nonmotorized modes of transportation. TDLE would be generally consistent with Tacoma's land use vision, Vision 2050, and the GMA. TDLE is located in MUCs and supports non-SOV travel and access to multimodal options and intermodal connectivity and would provide additional access for residents to access services they need. Transit stations would include context-sensitive design that considers the unique needs of each neighborhood, including those for parking and public spaces. Where appropriate, Sound Transit would facilitate TOD with local jurisdictions and potential development partners in accordance with Sound Transit's Equitable Transit Oriented Development Policy (Sound Transit 2018a). Additional discussion of TOD is included in Sections 4.2.3.4 and 4.3.3.4.

Table H2-7 TDLE Consistency with City of Tacoma Planning Goals and Policies (continued)

Goals and Policies	Discussion
City of Tacoma – One Tacoma Plan	
6.4 Support Mixed-Use Centers Serve and support the existing MUCs and aid Tacoma in attracting new investments by giving high priority to those transportation facilities that serve these centers. Increase the livability of the MUCs by providing transportation choices and integrating amenities that create a safe and inviting environment for walking, bicycling, and taking public transit. Transportation facilities should include context-sensitive design that considers the unique needs of each neighborhood, such as on-street parking and public spaces. **6.8 Transit-Oriented Development** Promote TOD or transit-supportive development and provide incentives for development that includes specific TOD features. Elements of TOD generally include: • A compact mix of land uses, including mixed-use, residential, and commercial development; • Moderate to high density housing; • Affordable housing for all income groups; • Pedestrian orientation/connectivity; • Convenient access to transportation choices, including transit, bicycle, and pedestrian facilities; • Reduced size of surface parking facilities • or minimum parking requirements; and • High quality design.	
Tacoma South Downtown Subarea Plan	
Strategy 1: Develop in relationship to transit **Policies**: **Policy 1.2:** Improve safety and convenience for active transportation on access to fixed-rail transit and the Tacoma Dome Station. **Policy 1.3:** Coordinate with transit agencies to prioritize future high-frequency transit service allocations that will help catalyze redevelopment and the creation of complete communities. **Policy 1.4:** Manage parking to support transit access and promote transit ridership.	TDLE is identified as an action item in the Tacoma South Downtown Subarea Plan to maximize South Downtown's redevelopment potential.
Tacoma 2025	
Advisory Committee Key Focus Areas	
Livability, Equity and Accessibility **Indicators** Improve access and proximity by residents to diverse income levels and race/ethnicity to community facilities, services, infrastructure, and employment.	The TDLE would improve access and proximity to frequent, high-capacity transit throughout the Puget Sound region.
Tacoma 2025 Plan Focus Areas	
Built and Natural Environment **Priorities** **6A** Increase transportation options. Tacomans need to be mobile, with transportation choices including transit, bicycling, and walking. **6C** Grow and enhance the vitality of Tacoma's neighborhoods. Transit-oriented and infill development, as well as reuse of historic buildings and districts, provides housing, economic, and environmental benefits.	TDLE would increase the transportation options available to and from Tacoma and support transit-oriented development in the areas where zoning is in place to accommodate this growth.

EIS = environmental impact statement; GMA = Growth Management Act; SOV = single-occupancy vehicle; TDLE = Tacoma Dome Link Extension; TOD = transit oriented development

1.3 Shoreline Master Programs

Each of the jurisdictions where TDLE would be located have adopted local shoreline master programs to meet the requirements of the Washington State SMA. For example, the City of Tacoma Shoreline Master Program (Tacoma SMP) was most recently amended in 2019 (City of Tacoma 2019) and provides goals, policies, and regulations for shoreline use and protection, and establishes a permit system for administering the Tacoma SMP. In general, the Tacoma SMP applies to all land and water within Tacoma that falls under the jurisdiction of the SMA, including the shorelines of portions of Puget Sound, the Puyallup River, and Wapato Lake.

The City of Milton Shoreline Master Program (Milton SMP) was adopted in 2012 (City of Milton 2012) and similarly implements the SMA related to shorelines in the City of Milton. The west bank of Hylebos Creek in the vicinity of TDLE is within Urban Conservancy shoreline zone.

TDLE alternatives may also be located within the shoreline jurisdiction for any regulated water bodies within the cities of Federal Way and Fife, and King or Pierce counties, such as areas near streams, wetlands, and rivers. Specifically, the City of Federal Way Shoreline Master Program (adopted 2011) (City of Federal Way 2011), the City of Fife Shoreline Master Program (adopted 2013) (City of Fife 2013), the King County Shoreline Master Program (adopted 2013, amended 2019) (King County 2019), and the Pierce County Shoreline Master Program (adopted 2015, amended 2018) (Pierce County 2018). TDLE would comply with all applicable shoreline master programs.

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

ECONOMICS SUPPORTING INFORMATION

Appendix H3

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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H3 ECONOMICS SUPPORTING INFORMATION

This appendix provides background information that supports the economic analysis in the Draft Environmental Impact Statement Section 4.3, Economics.

H3.1 Regional Demographic and Economic Trends

As of 2020, the central Puget Sound region is home to approximately 4.3 million people and 2.3 million jobs. The region has seen considerable growth over the past decade, with King County holding the most residents (2.26 million) and jobs (1.43 million). Population growth is expected to continue, reaching nearly 6 million by 2050, driven by an anticipated addition of 1.6 million people. This expansion is also marked by the transformation of smaller cities and neighborhoods into denser urban areas, with suburban cities like Tacoma and Federal Way adding thousands of residents and jobs.

Economically, the region is characterized by a diverse array of key industries that fuel its growth and global competitiveness. The aerospace sector, anchored by Boeing, employs an estimated 121,000 workers and accounts for nearly 6 percent of all jobs in the region, a concentration three times the national average. The information and communication technology sector is the largest and fastest-growing, providing over 260,000 jobs in 2020, with a 10.6 percent annual growth rate between 2015 and 2020. Major companies like Microsoft, which employs over 58,000 workers in Washington, and Amazon, with approximately 75,000 employees in the region, are key drivers of this growth. Other critical industries such as maritime and military and defense support tens of thousands of jobs; for example, Naval Base Kitsap alone contributes $4 billion annually in economic impact and employs over 33,000 workers, including civilians and defense contractors.

Despite the region's robust economic profile, there are notable disparities in economic prosperity and access to opportunities. Median household income varies notably by county, with King County leading at $95,000, while Kitsap and Pierce counties are below $77,000. Income disparities are also evident across racial and ethnic lines: Asian households earn the highest at an average of $104,000, whereas Pacific Islander, Hispanic/Latino, and Black households earn well below the regional average of $88,000. Black households earn an average of $58,000, $30,000 below the regional median (PSRC 2021).

Table H3-1 shows population, household, and employment forecasts for the Puget Sound region and associated counties. The estimates from 2018 through 2050 are based on the Land Use Vision – Implemented Targets (LUV-it) developed by the Puget Sound Regional Council (PSRC) for 2023 growth planning. The LUV-it forecasts use data from 2018 as the starting point because they represent a base-year set of data, including parcel data and estimates of households, population, and employment conditions in King, Kitsap, Pierce, and Snohomish counties as of that year. The estimates are then projected forward to align with the VISION 2050 Regional Growth Strategy and countywide growth targets for 2044, which were developed to implement the Regional Growth Strategy. These projections are extended to 2050 to provide a long-term view of growth in the region.

The focus on 2018 through 2050 allows the forecasts to capture a meaningful period of development and policy impact, reflecting the anticipated changes in population, households, and jobs. The projections incorporate both current conditions and expected policy-driven changes, such as growth focusing in high-capacity transit areas and other regional growth centers. This timeframe helps planners and policymakers visualize the long-term impacts of growth policies and infrastructure investments.

Table H3-1 presents data on population, households, and jobs for the Puget Sound region, including projections from 2018 to 2050, along with the compound annual growth rates for each metric. Overall, the Puget Sound region is projected to experience steady growth from 2018 to 2050, with a population increase from approximately 4.1 million to 5.9 million, representing a rate of 1.11 percent. Households are expected to grow at a rate of 1.29 percent, reaching over 2.4 million by 2050. Employment is also forecasted to rise, with jobs increasing from approximately 2.3 million in 2018 to 3.4 million in 2050, reflecting a rate of 1.28 percent. This overall regional growth indicates strong economic and demographic expansion over the forecast period.

King County, the most populous county in the region, is expected to see its population grow from around 2.2 million in 2018 to over 3 million by 2050, with a rate of 1.03 percent. Households in King County will increase at a slightly higher rate of 1.18 percent, reaching over 1.2 million. The county’s job market will also expand considerably, with jobs increasing at a rate of 1.16 percent, totaling more than 2.1 million by 2050. These figures suggest that King County will continue to be a key driver of the region's economic growth.

Kitsap County, while smaller in population, shows a healthy growth trajectory with a population rate of 1.00 percent, growing from 267,104 in 2018 to 366,688 by 2050. The number of households in Kitsap County is projected to grow at a rate of 1.22 percent, while jobs will increase at a rate of 1.54 percent, indicating strong economic potential relative to its size. This growth in employment suggests a diversifying and expanding job market in the county.

Pierce and Snohomish counties also demonstrate considerable growth. Pierce County’s population is expected to rise at a rate of 1.17 percent, with the number of households and jobs increasing at 1.37 percent and 1.29 percent, respectively. Snohomish County's population growth is projected at a rate of 1.30 percent, with households growing at 1.55 percent and jobs at 1.70 percent. These growth rates indicate robust expansion in these counties, with Snohomish County, in particular, showing the highest job growth rate among all the counties, reflecting strong economic development prospects. Overall, the trends of continued growth in employment and income in the region support the forecasts of strong growth in travel demand within the region and along the Tacoma Dome Link Extension (TDLE) corridor.

Table H3-1 Population, Household, and Employment Forecasts by Region and County

Puget Sound	2018	2050	Compound Annual Growth Rate, 2018 to 2050
Population	4,134,473	5,885,483	1.11%
Households	1,605,263	2,419,603	1.29%
Jobs	2,277,775	3,417,783	1.28%
King County	**2018**	**2050**	**Compound Annual Growth Rate, 2018 to 2050**
Population	2,189,962	3,038,738	1.03%
Households	884,582	1,287,395	1.18%
Jobs	1,492,074	2,155,720	1.16%
Kitsap County	**2018**	**2050**	**Compound Annual Growth Rate, 2018 to 2050**
Population	267,104	366,688	1.00%
Households	101,858	150,061	1.22%
Jobs	102,994	167,785	1.54%
Pierce County	**2018**	**2050**	**Compound Annual Growth Rate, 2018 to 2050**
Population	872,450	1,264,812	1.17%
Households	323,902	500,322	1.37%
Jobs	367,906	554,819	1.29%
Snohomish County	**2018**	**2050**	**Compound Annual Growth Rate, 2018 to 2050**
Population	804,957	1,215,245	1.30%
Households	294,921	481,825	1.55%
Jobs	314,801	539,459	1.70%

Source: PSRC 2023

H3.2 Demographic and Economic Trends in TDLE Segments

Demographic and economic trends in the TDLE study area were assessed by using Forecast Analysis Zone (FAZ) estimates developed by PSRC as part of their Land Use Vision (2023). Table H3-2 provides the population, household, and employment forecast trends, between 2018 and 2050, for Forecast Analysis Zones associated with each corridor segment in the Tacoma Dome Link Extension area. The four TDLE corridor segments — Federal Way, South Federal Way, Fife, and Tacoma — and the corresponding FAZs are shown in Figure H3-1. The strong growth trend seen at the regional level is reflected in each segment. Within each corridor segment, population, households, and jobs are projected to grow at positive rates between 2018 and 2050.

What is a Forecast Analysis Zone (FAZ)?

FAZs are the units of the geographic boundary system used by the PSRC to model and report its small-area forecasts of population, households, and employment. They are built up from traffic analysis zones (TAZs), with each FAZ containing between 1 to 20 TAZs. FAZ boundaries generally, with few exceptions, also line up with census tract boundaries, with each FAZ containing between 1 to 9 census tracts (PSRC 2022).

The Federal Way Segment (consisting of FAZs 3020 and 3030) is projected to experience steady growth from 2018 to 2050. The population is expected to increase from 65,464 to 92,144, with a rate of 1.07 percent. Households are forecasted to grow from 23,244 to 34,963, at a rate of 1.28 percent. The total number of jobs in this segment is projected to rise from 28,900 to 51,004, with a rate of 1.79 percent. Employment growth is expected across all sectors, with notable increases in the Education sector, which will grow from 2,022 to 4,255 jobs (rate of 2.35 percent), and the Retail sector, which will increase from 5,974 to 13,783 jobs (rate of 2.65 percent).

The South Federal Way Segment (encompassing FAZs 3010, 3020, 3030, and 1200) is projected to see growth in population, households, and employment by 2050. The population is expected to grow from 127,144 in 2018 to 170,491, with a rate of 0.92 percent. Households will increase from 45,537 to 64,371, growing at a rate of 1.09 percent annually. The total jobs in this segment are projected to nearly double, from 42,494 to 73,903, with a rate of 1.74 percent. The most substantial job growth is expected in the Retail sector, which will grow from 9,945 to 20,082 jobs (rate of 2.22 percent), and the Education sector, projected to increase from 3,722 to 6,979 jobs (rate of 1.98 percent).

The Fife Segment (FAZ 2000) is forecasted to see moderate growth from 2018 to 2050. The population is projected to increase from 11,807 to 19,026, at a rate of 1.50 percent. Households are expected to grow from 4,474 to 7,229, with a rate of 1.51 percent. Total employment in the segment is anticipated to rise from 16,168 to 21,617 jobs, reflecting a slower growth rate with a rate of 0.91 percent. Employment growth will be modest across sectors, with the Construction and Resources sector increasing from 1,338 to 1,868 jobs (rate of 1.05 percent), and the Finance, Insurance, and Real Estate sector growing from 3,794 to 5,479 jobs (rate of 1.16 percent).

The Tacoma Segment (covering FAZs 1320, 1330, 1410, 1710, 1810, 1820, and 1900) is projected to undergo substantial growth between 2018 and 2050. The population is expected to increase substantially from 93,651 to 199,916, with a high rate of 2.40 percent. Households are projected to grow from 36,636 to 87,859, reflecting a rate of 2.77 percent. The total number of jobs is anticipated to rise from 87,254 to 157,317, with a rate of 1.86 percent. The highest employment growth is expected in the Finance, Insurance, and Real Estate sector, which is projected to grow from 47,987 to 90,723 jobs (rate of 2.01 percent), and in the Education sector, which will more than double from 5,221 to 10,715 jobs (rate of 2.27 percent).

Table H3-2 Population, Household, and Employment Forecast by Forecast Analysis Zone

Description	2018	2050	Compound Annual Growth Rate, 2018 to 2050
Federal Way Segment (FAZs: 3020 and 3030)			
Population	65,464	92,144	1.07%
Households	23,244	34,963	1.28%
Total Jobs	28,900	51,004	1.79%
Jobs by Employment Sector			
Construction and Resources	2,077	2,875	1.02%
Manufacturing, Wholesale Trade, Transportation, and Utilities	3,437	4,433	0.80%
Retail	5,974	13,783	2.65%
Finance, Insurance, and Real Estate	13,942	24,595	1.79%
Government	1,448	1,063	-0.96%
Education	2,022	4,255	2.35%
South Federal Way Segment (FAZs: 3010, 3020, 3030, and 1200)			
Population	127,144	170,491	0.92%
Households	45,537	64,371	1.09%
Total Jobs	42,494	73,903	1.74%
Jobs by Employment Sector			
Construction and Resources	3,477	5,039	1.17%
Manufacturing, Wholesale Trade, Transportation, and Utilities	4,743	6,183	0.83%
Retail	9,945	20,082	2.22%
Finance, Insurance, and Real Estate	18,752	34,042	1.88%
Government	1,855	1,578	-0.50%
Education	3,722	6,979	1.98%
Fife Segment (FAZ: 2000)			
Population	11,807	19,026	1.50%
Households	4,474	7,229	1.51%
Total Jobs	16,168	21,617	0.91%
Jobs by Employment Sector			
Construction and Resources	1,338	1,868	1.05%
Manufacturing, Wholesale Trade, Transportation, and Utilities	6,375	7,603	0.55%
Retail	2,822	4,134	1.20%
Finance, Insurance, and Real Estate	3,794	5,479	1.16%
Government	1,202	1,493	0.68%
Education	637	1,040	1.54%
Tacoma Segment (FAZs: 1320, 1330, 1410, 1710, 1810, 1820, and 1900)			
Population	93,651	199,916	2.40%
Households	36,636	87,859	2.77%
Total Jobs	87,254	157,317	1.86%
Jobs by Employment Sector			
Construction and Resources	3,179	3,818	0.57%
Manufacturing, Wholesale Trade, Transportation, and Utilities	10,094	13,095	0.82%
Retail	9,180	23,946	3.04%
Finance, Insurance, and Real Estate	47,987	90,723	2.01%
Government	11,593	15,020	0.81%
Education	5,221	10,715	2.27%

Sources: PSRC 2023

Notes: FAZ = Forecast Analysis Zone.

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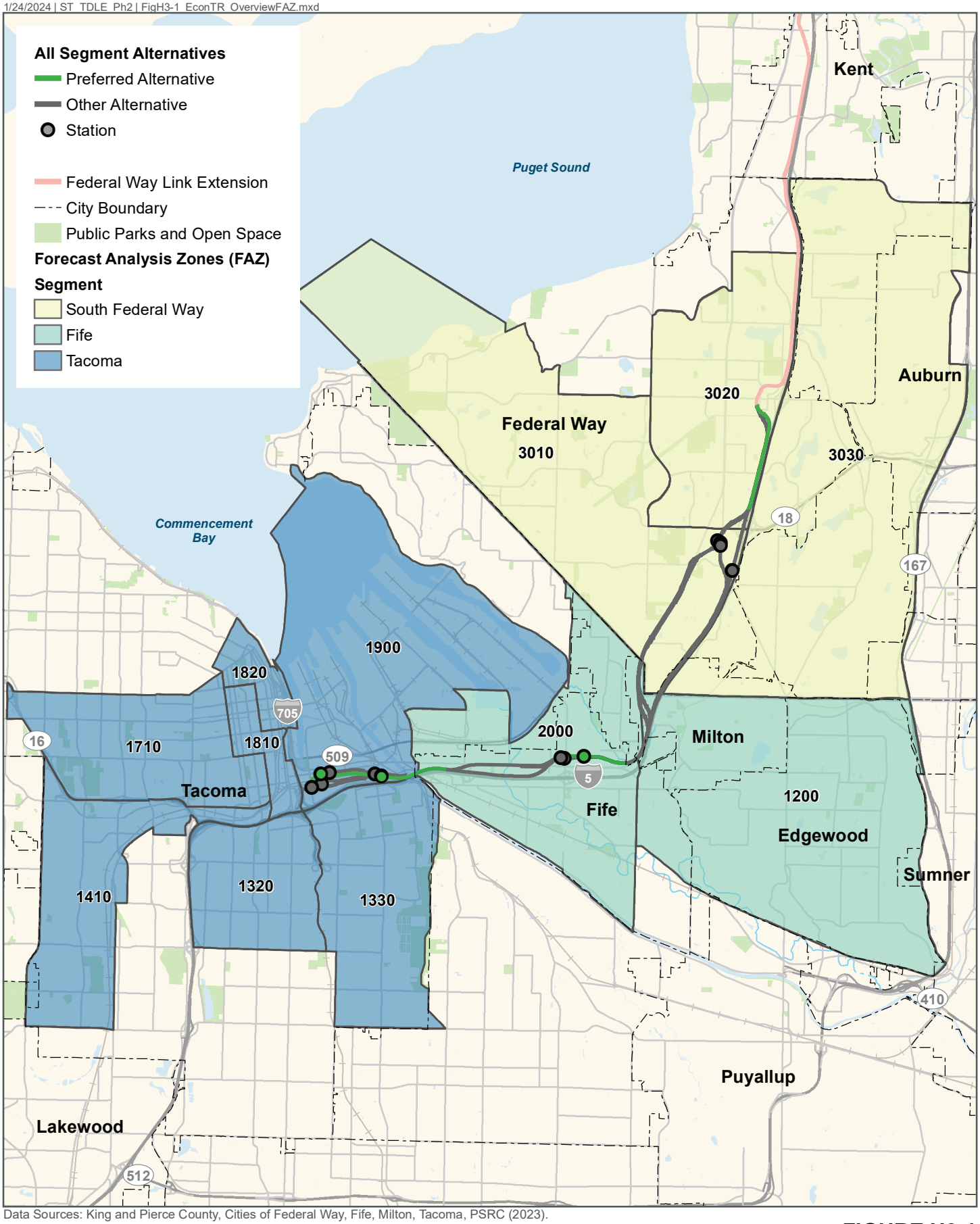

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, PSRC (2023).

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0 1 2 Miles

FIGURE H3-1
FAZs by Segment Area

Tacoma Dome Link Extension

H3.3 Local Revenue Sources

Table H3-3 provides a breakdown of tax revenues by category for the cities of Federal Way, Milton, Fife, and Tacoma. Each city's revenue is categorized into property tax, sales tax, utility tax, business and occupation (B&O) tax, and other taxes, showing both the total revenue collected and the percentage contribution of each tax category to the city's overall tax revenue.

In Federal Way, the total tax revenue amounts to approximately $145.7 million (Adopted Biennial Budget for 2023 budget year). The largest tax contributors are property tax and sales tax, making up 8.07 percent and 13.60 percent of the total revenue, respectively. Utility tax contributes 11.93 percent, while other revenue accounts for the highest share at 66.39 percent. Milton's total tax revenue is about $5.8 million. The largest share comes from sales tax, comprising 37.54 percent of the city's total revenue. Property tax and utility tax contribute 26.95 percent and 22.34 percent, respectively, while other taxes make up 13.17 percent. Fife collects approximately $24.7 million in total revenue, with taxes making up 70.65 percent of this amount. Meanwhile, Tacoma has the largest total tax revenue among the four cities, at about $615.2 million (note: this is the biennial total). The city's revenue is predominantly sourced from property tax (22.03 percent) and sales tax (23.91 percent). Utility tax accounts for 19.60 percent, B&O tax makes up 17.58 percent, and other taxes contribute 16.88 percent.

Table H3-3 Percent of Total Revenues for Each City in the TDLE Project Area

Tax Category	City of Federal Way Total	Federal Way Percentage
Property	$11,761,639	8.07%
Sales	$19,825,000	13.60%
Utility	$17,391,000	11.93%
Other	$96,746,335	66.39%
Total	$145,723,974	100%
Tax Category	**City of Milton Total**	**Milton Percentage**
Property	$1,557,527	26.95%
Sales	$2,169,521	37.54%
Utility	$1,290,937	22.34%
Other	$760,865	13.17%
Total	$5,778,850	100%
Tax Category	**City of Fife Total**	**Fife Percentage**
Taxes	$17,455,740	70.65%
Other	$7,252,952	29.35%
Total	$24,708,692	100%
Tax Category	**City of Tacoma Total**	**Tacoma Percentage**
Property	$135,538,742	22.03%
Sales	$147,099,836	23.91%
Utility	$120,560,947	19.60%
B&O	$108,130,226	17.58%
Other	$103,845,535	16.88%
Total	$615,175,286	100%

Sources: City of Federal Way 2023-24 Adopted Budget, City of Milton 2023 Adopted Budget, City of Fife Adopted Budget 2023, and City of Tacoma 2023-24 Adopted Biennial Operating and Capital Budget.

Notes: The City of Fife provided tax figures only as a lump sum total.

H3.4 Comprehensive Plans and Regional Growth Centers

The proposed TDLE alternatives are located within the cities of Federal Way, Milton, Fife, and Tacoma, as well as King and Pierce counties. These jurisdictions have a range of comprehensive, manufacturing and industrial, and subarea plans, policies and goals. The relevant community development and economic plans for each segment within the TDLE study area are listed for each segment. The Washington Growth Management Act (GMA) requires cities and towns in Pierce and King Counties to review and update their local comprehensive plans by December 2024. The communities discussed are currently in the process of updating and adopting revised Comprehensive Plans, most draft plans are available online for reference. The project alternatives can be considered in the context of these various plans and designations. What follows is a discussion of key comprehensive land use planning factors for each corridor segment, along with a discussion of the relevant project corridor segment alternatives.

Figure H3-2, Regional Centers, Federal Way Segment, shows the Federal Way Segment alternative and design option as well as the location of the PSRC regional growth centers and adjacent municipalities. The Federal Way Segment extends south from the Federal Way Link Extension and the Federal Way Downtown Station, located in the City of Federal Way Regional Growth Center.

Figure H3-3, Regional Centers, South Federal Way Segment, shows the South Federal Way Segment alternatives as well as the location of the PSRC regional growth centers and adjacent municipalities. The South Federal Way Segment alternatives extend from S 344th Street through Milton to the Fife city limits. The station location for all alternatives is located in the vicinity of S 352nd Street within the city of Federal Way. The City of Federal Way Comprehensive Plan (2015) supports redevelopment of existing underdeveloped areas, a range of commercial land uses, increased density at proposed station locations, and encourages the development of a sustainable transportation system integrating transit access.

Figure H3-4, Regional Centers, Fife Segment, shows the Fife Segment alternatives and the location of the associated regional, manufacturing and industrial, and urban centers. The City of Fife Comprehensive Plan (2012a) includes an Economics element (added in 2015) and a City Center vision (2012b) encouraging compact infill development and regulations associated with transit-oriented development and increased transportation access to the downtown. All of the Fife Segment alternatives are fully located within the City of Fife, and the preferred Fife Station is within a future Fife City Center. The City of Fife has been pursuing a City Center planning effort that would accommodate a range of well-designed retail, service, civic, entertainment, recreation, and high-density residential uses to create a new focal point of community activity. Changes to reflect this planning effort have not been adopted at the time of writing.

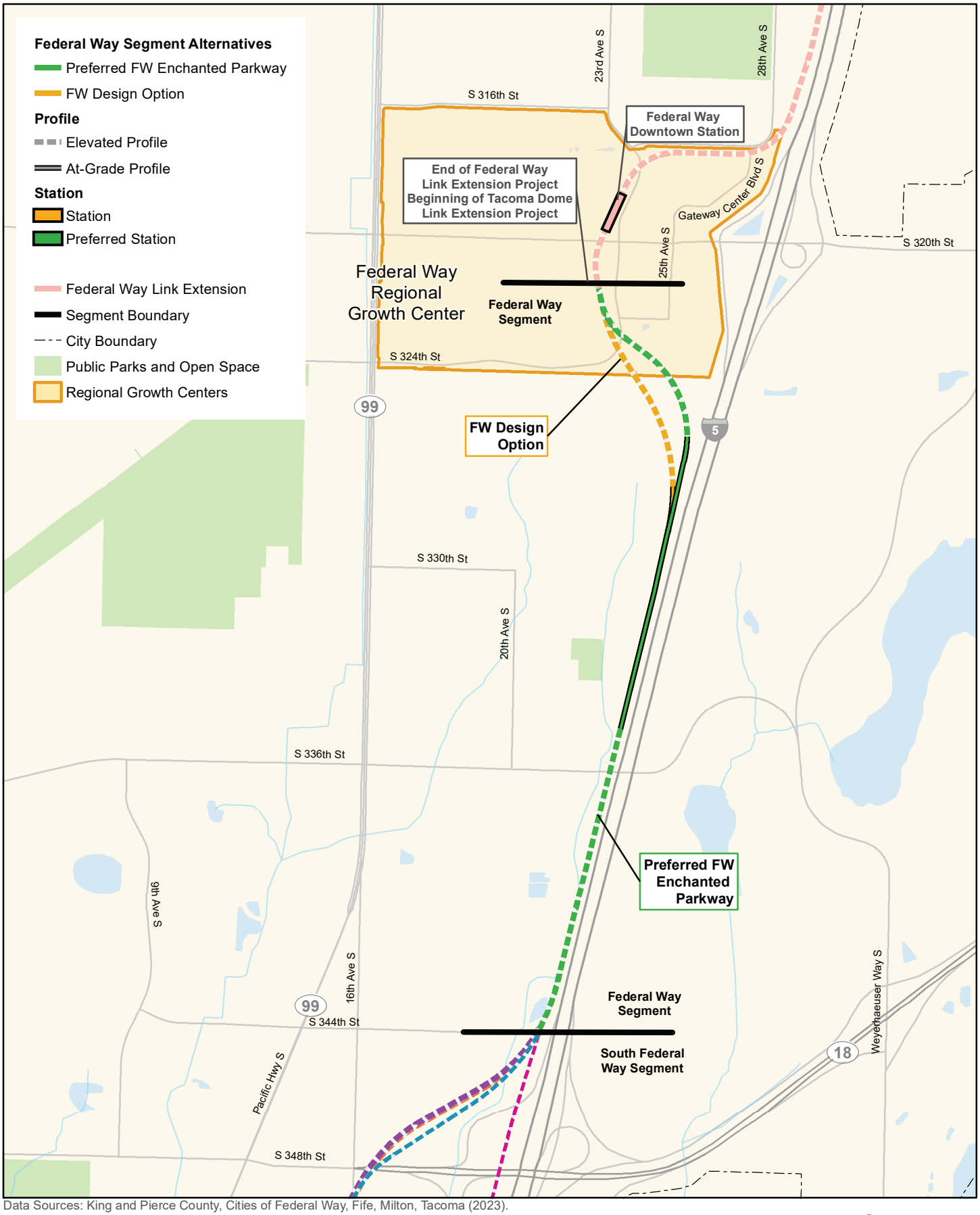

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H3-2
Regional Centers
Federal Way Segment

Tacoma Dome Link Extension

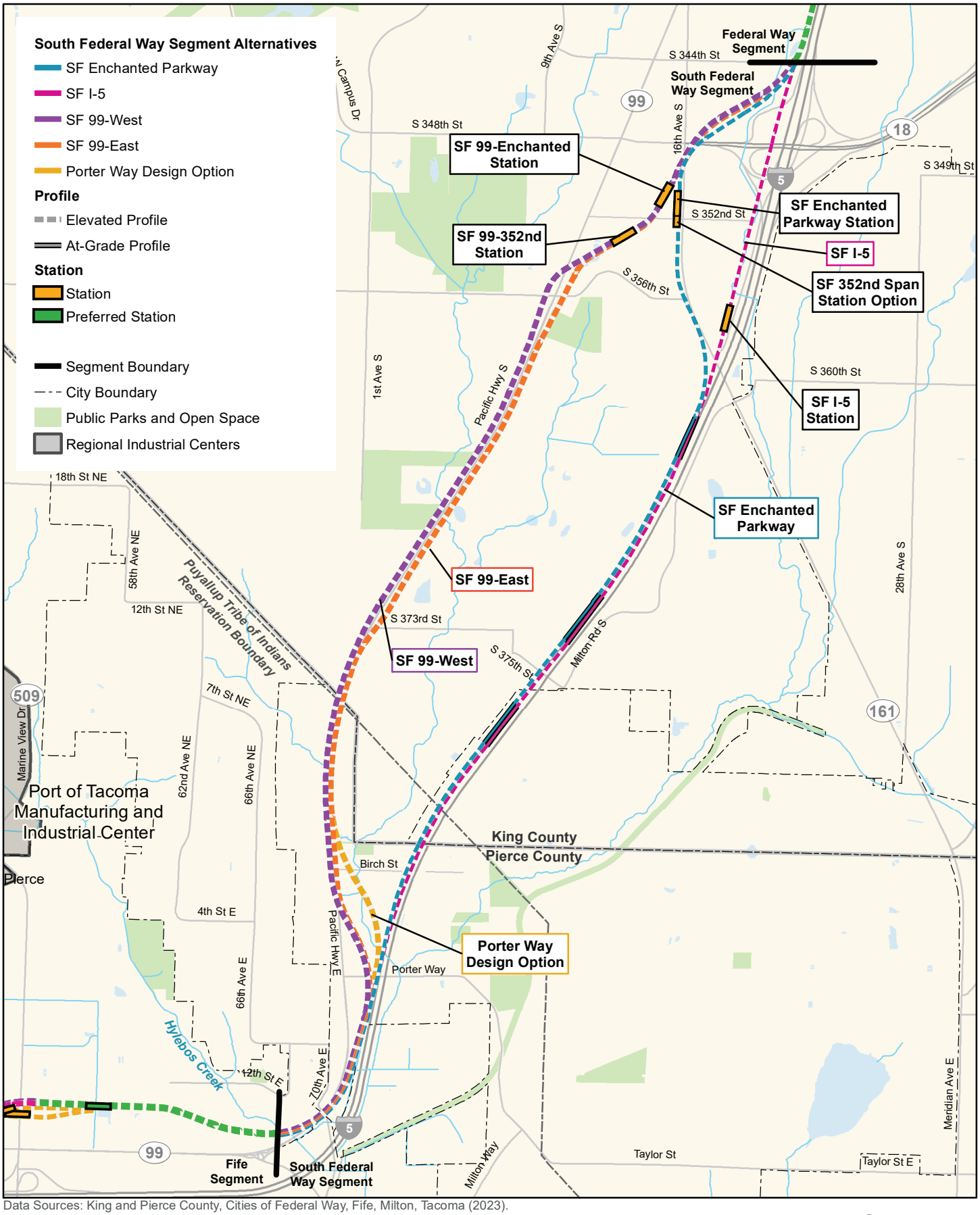

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H3-3
Regional Centers
South Federal Way Segment

Tacoma Dome Link Extension

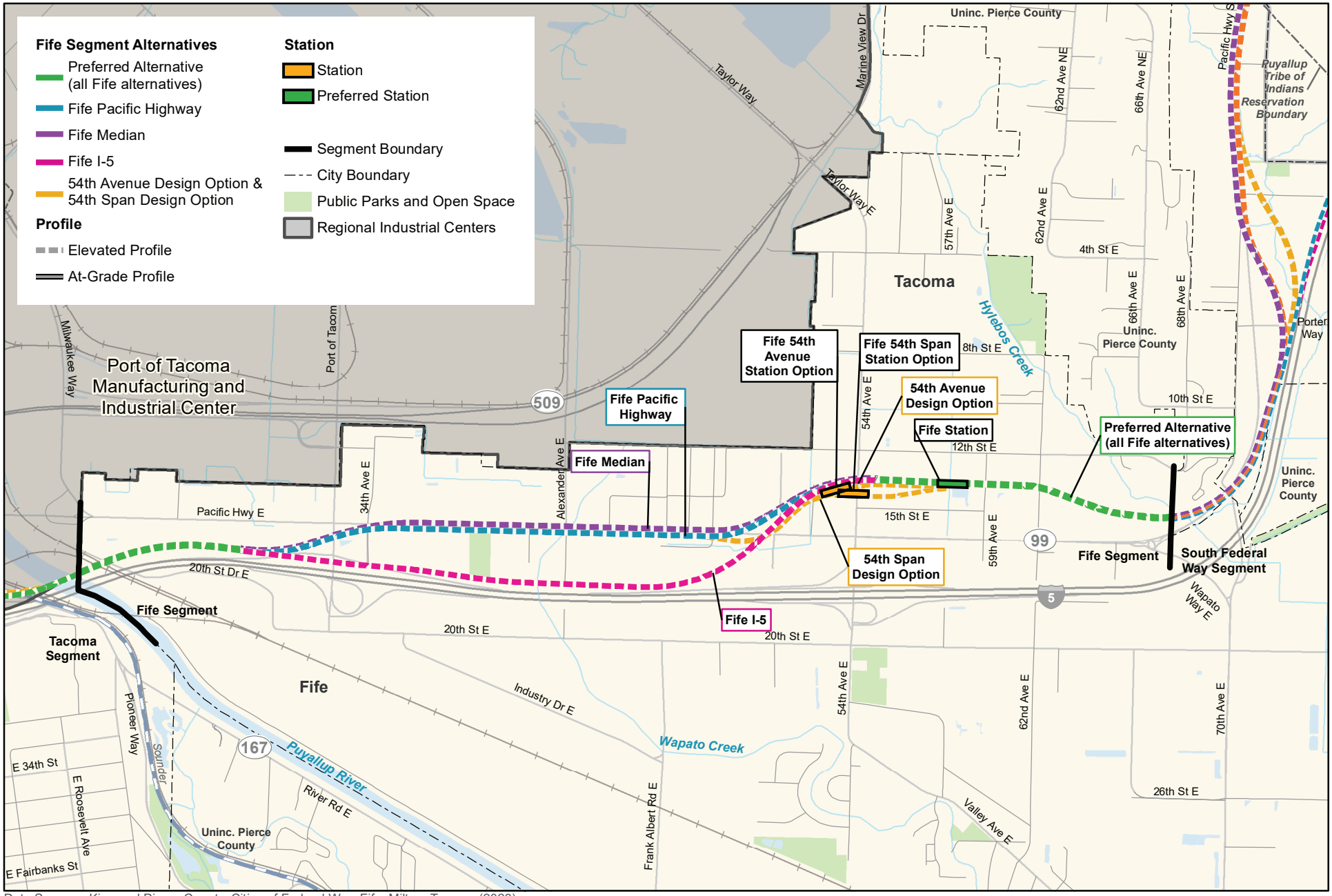

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H3-4
Regional Centers
Fife Segment

Tacoma Dome Link Extension

The Port of Tacoma Manufacturing and Industrial Center (MIC) is less than 0.5 mile north of all the Fife Segment alternatives. The Port of Tacoma MIC (PSRC 2020) encompasses extensive waterfront along Tacoma's Commencement Bay and is home to Tacoma's highest concentration of industrial and manufacturing activity (such as marine terminals, cargo facilities, intermodal rail yards) and an estimated 9,250 employees. The Port estimates the value of international trade at $34.5 billion and the value of domestic trade at approximately $3 billion (PSRC 2020). The proposed TDLE project alternatives would not impact industrial land uses and would support the economic activity in the Port of Tacoma MIC by increasing high-capacity transit access for employees and increasing travel efficiency along I-5, the primary truck freight corridor.

Figure H3-5, Regional Centers, Tacoma Segment, displays the location of the Tacoma Segment alternatives and the associated regional, manufacturing and industrial, and urban centers. All the Tacoma Segment alternatives and stations are located within the City of Tacoma. The preferred Portland Avenue Station and Portland Avenue Span Station are located in the Port of Tacoma MIC. All the Tacoma Dome alternatives are within the Tacoma Downtown Urban Center, the City of Tacoma South Downtown Subarea Plan, and the Dome Business District. The One Tacoma Plan (2020a) establishes the basis for zoning and development regulations and provides guidance on land use and transportation decisions and a goal to promote the economic health of the City. The City of Tacoma South Downtown Subarea Plan (2020b) provides more detailed guidance and strategies to create equitable transit communities and vibrant mixed-use areas, foster economic development, and accommodate substantial growth (population and employment), promoting sustainable development. A more detailed discussion about planning and regulations is provided in Section 4.2 and Appendix H2, Land Use.

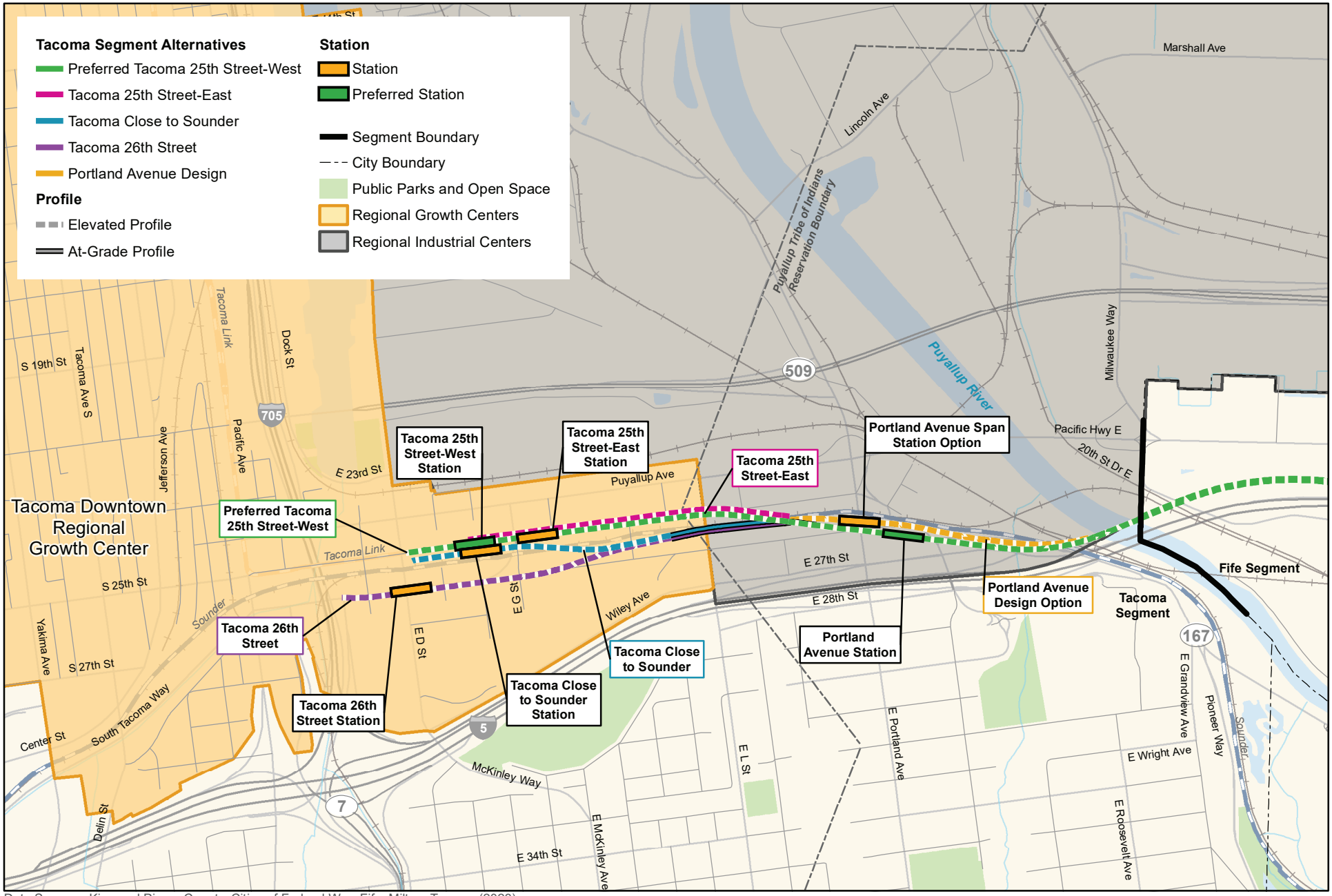

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H3-5
Regional Centers
Tacoma Segment

Tacoma Dome Link Extension

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

AIR QUALITY SUPPORTING INFORMATION

Appendix H4

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

H4.1 Applicable Laws, Regulations, Guidance, and Policies

H4.1 Introduction to Resource and Regulatory Requirements

The Puget Sound Clean Air Agency (PSCAA), United States Environmental Protection Agency (EPA), and Washington State Department of Ecology (Ecology) work together in regulating air quality and have jurisdiction over the ambient air quality in the Tacoma Dome Link Extension (TDLE) corridor. The following federal, state, and local laws, regulations, guidance, and policies are applicable to the air quality and greenhouse gas (GHG) analysis for this project:

- Clean Air Act (42 United States Code 7401).
- Code of Federal Regulations (CFR) Title 40, Section 50 (40 CFR 50), U.S. Environmental Protection Agency, National Primary and Secondary Air Quality Standards.
- 40 CFR 86, Control of Emissions from New and In-Use Highway Vehicles and Engines.
- 40 CFR 93, Determining Conformity of Federal Actions to State or Federal Implementation Plans.
- Washington Clean Air Act (Revised Code of Washington [RCW] 70A.15).
- Chapter 173-420 Washington Administrative Code, Conformity of Transportation Activities to Air Quality Implementation Plans.
- FHWA, Updated Interim Guidance on Mobile Source Air Toxic Analysis in National Environmental Policy Act (NEPA) Documents, 2016 (FHWA 2016).
- Federal Transit Administration (FTA), Air Quality Conformity guidance, 2016 (FTA 2016).
- FTA, Greenhouse Gas Emissions from Transit Projects. Programmatic Assessment, 2017 (FTA 2017).
- Puget Sound Clean Air Agency Regulation I, Article 9, Section 15, Fugitive Dust Control Measures.
- Puget Sound Regional Council, Regional Transportation Plan (PSRC 2022a); Appendix D, Regional Air Quality Conformity Analysis, 2018 (PSRC 2022b).
- EPA, Motor Vehicle Emission Simulator (MOVES) MOVES4 Policy Guidance, 2023 (EPA 2023).
- Washington State Department of Transportation (WSDOT) Guidance – Project Level Greenhouse Gas Evaluations under NEPA and SEPA, 2018 (WSDOT 2018).
- WSDOT, Environmental Manual, Air Quality Chapter, 2018.
- American Public Transportation Association Recommended Practice for Quantifying Greenhouse Gas Emissions from Transit, 2009 (APTA 2009).

Federal air quality standards and regulations under the Clean Air Act provide the basic approach for project-level air quality analysis under NEPA. In addition to this environmental analysis, a parallel conformity requirement under the Federal Clean Air Act also applies.

H4.1.1 Federal Clean Air Act

The Federal Clean Air Act, as amended, is the primary federal law that governs air quality. This law, and EPA's related regulations implementing the law, set standards for the concentration of pollutants in the air, known as the National Ambient Air Quality Standards (NAAQS). NAAQS have been established for six common air pollutants known as criteria pollutants carbon

monoxide; ozone; lead; nitrogen dioxide; particulate matter, which is broken down for regulatory purposes into PM_{10} (particles of 10 micrometers and smaller) and $PM_{2.5}$ (particles of 2.5 micrometers and smaller); and sulfur dioxide.

The NAAQS are set at levels that protect public health with a margin of safety and are subject to periodic review and revision. Washington State adopts current federal NAAQS in state regulations administered by Ecology. Applicable state and federal ambient air quality standards are shown in Table H4.1-1.

Based on monitoring information for criteria air pollutants collected over a period of years, Ecology and EPA designate regions as being attainment or nonattainment areas for the criteria pollutants. Once a nonattainment area achieves compliance with the NAAQS, the area is considered an air quality maintenance area and must demonstrate that the area will continue to maintain the standard for a total of 20 years after redesignation. Portions of the project within Pierce County are in a maintenance area for $PM_{2.5}$ and smaller), which is shown in Figure H4.1-1. As of May 2021, Pierce County no longer has a PM_{10} maintenance area.

Table H4.1-1 Ambient Air Quality Standards

Pollutant[1]	National		Washington State
	Primary	Secondary	
Carbon Monoxide			
8-Hour Average	9 ppm	NS	9 ppm
1-Hour Average	35 ppm	NS	35 ppm
Ozone			
8-Hour Average	0.070 ppm	0.070 ppm	0.070 ppm
Lead			
Rolling 3-Month Average	0.15 $\mu g/m^3$	0.15 $\mu g/m^3$	0.15 $\mu g/m^3$
Nitrogen Dioxide			
Annual Arithmetic Mean	0.053 ppm	0.053 ppm	53 ppb
1-Hour Average[2]	100 ppb	NS	100 ppb
Particulate Matter (PM_{10})			
24-Hour Average[3]	150 $\mu g/m^3$	150 $\mu g/m^3$	150 $\mu g/m^3$
Particulate Matter ($PM_{2.5}$)			
Annual Arithmetic Mean	12 $\mu g/m^3$	15 $\mu g/m^3$	12 $\mu g/m^3$
24-Hour Average	35 $\mu g/m^3$	35 $\mu g/m^3$	35 $\mu g/m^3$
Sulfur Dioxide			
Annual Arithmetic Mean	NS	NS	0.02 ppm
24-Hour Average	NS	NS	0.14 ppm
3-Hour Average	NS	0.5 ppm	0.5 ppm
1-Hour Average[4]	75 ppb	NS	75 ppb

Notes:
National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
NS = No standard established
$\mu g/m^3$ = micrograms per cubic meter
ppm = parts per million
ppb = parts per billion
(1) Annual standards never to be exceeded, short-term standards not to be exceeded more than once a year unless noted.
(2) The 3-year average of the annual 98th percentile of daily maximum 1-hour averages is not to be above this level.
(3) Not to be above this level on more than 3 days over 3 years with daily sampling.
(4) The 3-year average of the annual 99th percentile of daily maximum 1-hour averages is not to be above this level.

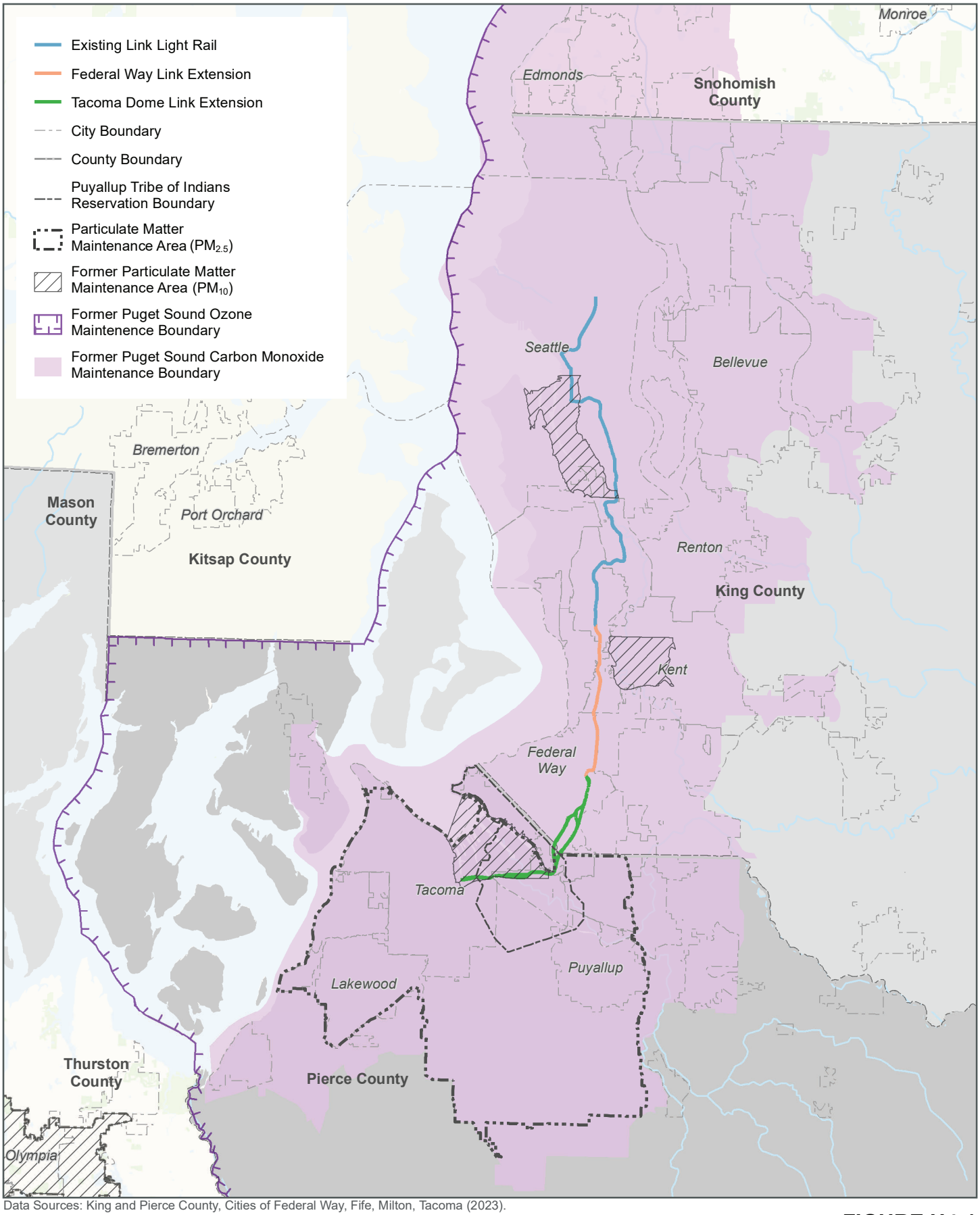

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 5 10 Miles

FIGURE H4-1
Central Puget Sound Region
Maintenance Areas
Tacoma Dome Link Extension

H4.1.2 Federal Transportation Conformity

The Clean Air Act Section 176(c) prohibits the U.S. Department of Transportation and other federal agencies from funding, authorizing, or approving transportation plans, programs, or projects that do not conform to the State Implementation Plan for attaining the NAAQS. Conformity requirements apply on two levels: the regional — or planning and programming — level and the project level. The project must conform at both levels to be approved.

Travel demand and emission models are used to determine whether projects are in conformity with State Implementation Plans for achieving the goals of the Clean Air Act. Otherwise, the projects in the Regional Transportation Plan and/or Federal Transportation Improvement Program must be modified until conformity is attained.

Project level conformity includes verification that the project has been evaluated as part of the regional conformity analysis and may include a hot-spot analysis to evaluate the potential for future localized pollutant concentrations if the project is in a nonattainment or maintenance area for carbon monoxide or particulate matter. In general, projects must not cause any increase in the number and severity of air quality violations. If carbon monoxide or particulate matter violations already occur in the project vicinity, the project must include measures to reduce or eliminate the existing violations as well.

H4.1.3 Washington Clean Air Act

The Washington Clean Air Act, Chapter 70A.15 RCW, sets forth the state law regarding outdoor air pollution and establishes a system of regional air pollution control authorities to implement federal and state air pollution control regulations. Air pollution control regulations cover the emission of air contaminants that are injurious to health or that unreasonably interfere with the enjoyment of life and property. In general cities and towns cannot develop their own air pollution regulations. However, they can enact local nuisance provisions and performance standards so long as they are not less stringent than those of the regional authority. Many local governments and municipalities within the project area have enacted general nuisance ordinances, which typically contain provisions aimed at such problems as illegal burning, dust, and noxious odors.

H4.1.4 Climate Change and Greenhouse Gases

Climate change refers to long-term changes in temperature, precipitation, wind patterns, and other elements of the earth's climate system. An ever-increasing body of scientific research attributes these climatological changes to greenhouse gas (GHG) emissions, particularly those generated from the production and use of fossil fuels such as carbon dioxide.

While climate change has been a concern for several decades, the establishment of the Intergovernmental Panel on Climate Change by the United Nations and World Meteorological Organization in 1988 has led to increased efforts devoted to GHG emissions reduction and climate change research and policy. These efforts are primarily concerned with the emissions of GHGs generated by human activity.

There are four primary strategies for reducing GHG emissions from transportation sources: 1) improving the transportation system and operational efficiencies, 2) reducing passenger vehicle travel activity (travel demand), 3) transitioning to lower GHG-emitting fuels, and 4) improving vehicle technologies/efficiency (EPA 2020a). To be most effective, all four strategies should be pursued cooperatively.

H4.1.5 Mobile Source Air Toxics

Controlling air toxic emissions became a national priority with the passage of the Clean Air Act Amendments of 1990, whereby Congress mandated that the EPA regulate 188 air toxics, also known as hazardous air pollutants. The EPA assessed this expansive list in its rule on the Control of Hazardous Air Pollutants from Mobile Sources (Federal Register, Vol. 72, No. 37, page 8430, February 26, 2007) and identified a group of 93 compounds emitted from mobile sources that are part of EPA's Integrated Risk Information System (EPA 2020b). In addition, the EPA identified nine compounds with significant contributions from mobile sources that are among the national and regional-scale cancer risk drivers or contributors and non-hazard contributors from the 2011 National Air Toxics Assessment (EPA 2011). These are 1,3-butadiene, acetaldehyde, acrolein, benzene, diesel particulate matter, ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter.

H4.1.6 Best Management Practices for Fugitive Dust Control

Standard best management practices (BMPs) during construction that could be used to control fugitive dust emissions include:

- Spray exposed soil with a dust-control agent, such as water or other soil stabilizers, as necessary to reduce emissions of particulate matter.
- Cover all transported loads of soil and wet materials before transport or provide adequate freeboard (i.e., space from the top of the material to the top of the truck bed) to reduce particulate matter emissions during transport.
- Provide wheel washes where necessary to reduce dust and mud that would be carried offsite by vehicles and decrease particulate matter on area roadways.
- Remove dust and mud deposited by construction vehicles or other project activities on paved public roads.
- Cover, install mulch, or plant vegetation as soon as practicable to reduce windblown particulates in the area.

H4.2 Project Level Conformity and Mobile Source Air Toxics Background Information

H4.2 Project Level Conformity

The proposed TDLE project is within a maintenance area for the federal $PM_{2.5}$ standards. Therefore, per 40 CFR Part 93, analyses are required for conformity purposes. However, the EPA does not require hot-spot analyses (an estimation of likely future localized carbon monoxide and/or $PM_{2.5}$ pollutant concentrations and a comparison of those concentrations to the NAAQS, qualitative or quantitative, for projects that are not listed in Section 93.123(b)(1) as an air quality concern. According to 40 CFR 93.123(b)(1), the following are Projects of Air Quality Concern:

i. New highway projects that have a significant number of diesel vehicles, and expanded highway projects that have a significant increase in the number of diesel vehicles;

ii. Projects affecting intersections that are at a Level of Service D, E, or F with a significant number of diesel vehicles, or those that will change to Level of Service D, E, or F because of increased traffic volumes from a significant number of diesel vehicles related to the project;

iii. New bus and rail terminals and transfer points that have a significant number of diesel vehicles congregating at a single location;

iv. Expanded bus and rail terminals and transfer points that significantly increase the number of diesel vehicles congregating at a single location; and

v. Projects in or affecting locations, areas, or categories of sites which that are identified in the $PM_{2.5}$ and PM_{10} applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.

TDLE does not qualify as a Projects of Air Quality Concern because of the following reasons:

i. The proposed project is not a new or expanded highway project. The proposed project would expand an existing light rail transit system. The Transportation Technical Report (Appendix J1 to this Draft Environmental Impact Statement) evaluated five regional screenlines to assess regional north-south and east-west travel within the three subareas of the proposed project. These screenlines provide a regional snapshot of traffic operations using the Puget Sound Regional Council regional travel demand models for passenger vehicle travel and the Sound Transit model for transit travel in the 2016 base year, including daily vehicle volumes, roadway/segment volume/capacity ratios, and vehicle mode share, which separates vehicle travel by single-occupancy vehicles, high-occupancy vehicles, and transit (PSRC 2016). The PM peak hour and daily traffic volumes and volume/capacity ratios for the five screenline locations within the study area were analyzed to understand the relative differences in travel between the No-Build and build alternatives. Screenline volumes and volume/capacity results are summarized in Table H4.2-1. In general, when light rail is extended to Tacoma, some people would change their mode of travel and use transit, thereby resulting in minor decreases in traffic volumes and congestion across all five screenlines in the TDLE corridor. In addition, the light rail vehicles are powered using an overhead catenary system. Therefore, the project would not increase the number of diesel vehicles operating in the project area.

ii. As discussed above, the proposed project would not result in a significant increase in the number of diesel vehicles in the project area. Therefore, the proposed build alternatives would not affect intersections that are at a Level of Service D, E, or F with a significant number of diesel vehicles related to the project.

iii. The proposed project does include the construction of four new light rail stations. However, as discussed above, the light rail vehicles are powered using an overhead catenary system, and there are no heavy-duty diesel vehicles associated with the project's operation outside of bus services. The number of buses accessing each station will vary by location but will have a peak hour maximum of six. Many of the current buses in service are hybrids. With evolving electric technology, it is anticipated that buses connecting to the new light rail stations will be fully electrically powered in the near future. King County Metro is working toward a zero-emissions fleet by 2035 (King County Metro 2022), and Pierce Transit is planning to have a fully electric fleet by 2042 (Pierce Transit 2024). While there could be diesel equipment required for maintenance, the daily volumes would be substantially lower than the 10,000-truck-trip criterion for a Project of Air Quality Concern.

iv. The proposed project includes the construction of four new light rail stations but no expansion of existing stations. As described above, the proposed project is not likely to substantially increase the number of diesel vehicles congregating at a single location because connecting bus service will be fully electric between 2035 and 2042, the light rail vehicles are powered using an overhead catenary system, and no diesel vehicles are associated with light rail operation. While there could be diesel equipment required for maintenance, the daily volumes would be substantially lower than the 10,000-truck-trip criterion for a Project of Air Quality Concern.

v. The proposed build alternatives are not in or affecting locations, areas, or categories of sites that are identified in the $PM_{2.5}$ and PM_{10} applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.

Therefore, the proposed project would meet the Clean Air Act requirements and 40 CFR 93.116 without any explicit hot-spot analysis. The proposed project would not create a new, or worsen an existing, $PM_{2.5}$ or PM_{10} violation.

Table H4.2-1 2042 PM Peak Hour/Daily Screenline Performance

Screenline	Direction	PM Peak Hour				Daily	
		No-Build Vehicle Volumes	No-Build Volume/ Capacity Ratio	Build Alternatives Vehicle Volumes	Build Alternatives Volume/ Capacity Ratio	No-Build Vehicle Volumes	Build Alternatives Vehicle Volumes
East-West South of Federal Way	Northbound	18,300	0.69	18,000	0.69	311,900	308,800
	Southbound	29,500	1.04	29,300	1.04	313,400	311,100
North-South in Fife	Eastbound	12,100	0.64	11,900	0.63	185,600	182,900
	Westbound	15,700	0.80	15,500	0.79	182,100	179,800
North-South at Puyallup River	Eastbound	9,700	0.74	9,500	0.73	164,100	161,700
	Westbound	14,400	1.11	14,200	1.10	163,900	161,600
North-South near Tacoma Dome	Eastbound	10,400	0.68	10,200	0.67	167,100	164,900
	Westbound	14,500	0.79	14,300	0.78	166,300	164,300
East-West at S 48th Street	Northbound	17,600	0.47	17,500	0.46	281,200	280,200
	Southbound	26,500	0.32	26,500	0.32	273,600	272,700

Mobile Source Air Toxics

FHWA released updated guidance in January 2023 (FHWA 2023) for determining when and how to address mobile source air toxics impacts in the NEPA process for transportation projects. FHWA identified three levels of analysis:

- No analysis for exempt projects or projects with no potential for meaningful mobile source air toxics effects;
- Qualitative analysis for projects with low potential mobile source air toxics effects; and
- Quantitative analysis to differentiate alternatives for projects with higher potential mobile source air toxics effects.

Projects with no impacts generally include those that a) qualify as a categorical exclusion under 23 CFR 771.117, b) qualify as exempt under the Federal Clean Air Act conformity rule under 40 CFR 93.126, and c) are not exempt but have no meaningful impacts on traffic volumes or vehicle mix.

Projects that have low potential mobile source air toxics effects are those that serve to improve highway, transit, or freight operations or movement without adding substantial new capacity or creating a facility that is likely to substantially increase emissions. The large majority of projects fall into this category.

Projects with high potential mobile source air toxics effects include those that:

- Create or significantly alter a major intermodal freight facility that has the potential to concentrate high levels of diesel particulate matter in a single location; or
- Create new or add significant capacity to urban highways, such as interstates, urban arterials, or urban collector-distributor routes, with traffic volumes where the average annual daily traffic is projected to be in the range of 140,000 to 150,000, or greater, by the design year; and
- Are proposed to be located in proximity to populated areas or in proximity to concentrations of vulnerable populations (i.e., schools, nursing homes, hospitals) in rural areas.

The TDLE build alternatives are projected to reduce the regional vehicle miles traveled (VMT) (See H4.3 Air Quality Modeling Results). Therefore, the build alternatives would have no effect on the regional mobile source air toxics emissions. Based on the FHWA's 2023 mobile source air toxics guidance, this project is considered to have low potential mobile source air toxics effects, and a quantitative analysis of mobile source air toxics emissions is not required (FHWA 2023); however, Tables H4.3-2 through H4.3-5 show the estimates for mobile source air toxics emissions.

H4.3 Air Quality Modeling Results

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emission Factors (g/mi)					
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	CO	NO_X	SO_2	VOC	PM_{10}	$PM_{2.5}$
Year 2020 Emission Factors with 2019 Existing VMT								
Passenger Vehicles	*21/31*	79,501,800	3.590631678	0.295922084	0.001887578	0.132390338	0.00555913	0.004986031
Transit Bus	*42*	187,100	9.019854689	2.709484364	0.006495194	0.212367372	0.034628291	0.031674386
Resuspended Road Dust								
Year 2042 No-Build								
Passenger Vehicles	*21/31*	85,415,900	1.00506524	0.008930946	0.001467571	0.063512845	0.001442248	0.001276683
Transit Bus	*42*	244,300	10.07557714	1.096931598	0.005803386	0.151119093	0.006274225	0.005634772
Resuspended Road Dust								
Year 2042 Build								
Passenger Vehicles	*21/31*	85,182,400	1.00506524	0.008930946	0.001467571	0.063512845	0.001442248	0.001276683
Transit Bus	*42*	239,100	10.07557714	1.096931598	0.005803386	0.151119093	0.006274225	0.005634772
Resuspended Road Dust								

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
Passenger Car (21)	110,717,124	*44%*
Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emission Factors (g/mi)							
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	Naphthalene particle	Naphthalene gas	Ethyl Benzene	1,3-Butadiene	Formaldehyde	Acetaldehyde	Benzene	Acrolein
Year 2020 Emission Factors with 2019 Existing VMT										
Passenger Vehicles	*21/31*	79,501,800	2.22021E-07	0.000181342	0.002111964	0.000279778	0.001351428	0.000899731	0.002918799	8.0052E-05
Transit Bus	*42*	187,100	2.95764E-07	0.000896992	0.001822237	0.000192366	0.020320969	0.01271387	0.004358294	0.000690444
Resuspended Road Dust										
Year 2042 No-Build										
Passenger Vehicles	*21/31*	85,415,900	4.71566E-08	1.96032E-05	0.001051381	0	0.000174485	8.17422E-05	0.000745285	7.80159E-06
Transit Bus	*42*	244,300	2.1619E-07	7.38238E-05	0.001504259	0	0.014175436	0.012149135	0.002593972	8.70787E-05
Resuspended Road Dust										
Year 2042 Build										
Passenger Vehicles	*21/31*	85,182,400	4.71566E-08	1.96032E-05	0.001051381	0	0.000174485	8.17422E-05	0.000745285	7.80159E-06
Transit Bus	*42*	239,100	2.1619E-07	7.38238E-05	0.001504259	0	0.014175436	0.012149135	0.002593972	8.70787E-05
Resuspended Road Dust										

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
Passenger Car (21)	110,717,124	*44%*
Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emission Factors (g/mi)							
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	Dibenzo(a,h)anthracene particle	Dibenzo(a,h)anthracene gas	Fluoranthene particle	Fluoranthene gas	Acenaphthene particle	Acenaphthene gas	Acenaphthylene particle	Acenaphthylene gas
Year 2020 Emission Factors with 2019 Existing VMT										
Passenger Vehicles	*21/31*	79,501,800	4.26009E-08	0	9.81764E-07	5.49461E-06	0	4.17183E-06	6.60681E-08	1.4105E-05
Transit Bus	*42*	187,100	1.43515E-07	0	1.23895E-05	2.53788E-05	5.92949E-09	2.14127E-05	8.46483E-08	4.09455E-05
Resuspended Road Dust										
Year 2042 No-Build										
Passenger Vehicles	*21/31*	85,415,900	7.79598E-09	0	5.14138E-08	5.28669E-07	0	3.78615E-07	1.40235E-08	1.70954E-06
Transit Bus	*42*	244,300	3.38423E-08	0	2.3381E-07	1.96649E-06	5.11194E-09	1.5859E-06	6.14282E-08	6.09277E-06
Resuspended Road Dust										
Year 2042 Build										
Passenger Vehicles	*21/31*	85,182,400	7.79598E-09	0	5.14138E-08	5.28669E-07	0	3.78615E-07	1.40235E-08	1.70954E-06
Transit Bus	*42*	239,100	3.38423E-08	0	2.3381E-07	1.96649E-06	5.11194E-09	1.5859E-06	6.14282E-08	6.09277E-06
Resuspended Road Dust										

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
Passenger Car (21)	110,717,124	*44%*
Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emission Factors (g/mi)							
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	Anthracene gas	Benz(a)anthracene particle	Benz(a)anthracene gas	Benzo(a)pyrene particle	Benzo(a)pyrene gas	Benzo(b)fluoranthene particle	Benzo(b)fluoranthene gas	Benzo(g,h,i)perylene particle
Year 2020 Emission Factors with 2019 Existing VMT										
Passenger Vehicles	*21/31*	79,501,800	3.41373E-06	1.01098E-06	5.8254E-07	1.71907E-06	1.82937E-08	8.10298E-07	2.49304E-07	4.26938E-06
Transit Bus	*42*	187,100	1.66795E-05	7.00422E-06	2.96427E-06	4.33812E-06	1.33203E-08	1.67272E-06	1.81527E-07	5.53426E-06
Resuspended Road Dust										
Year 2042 No-Build										
Passenger Vehicles	*21/31*	85,415,900	3.16589E-07	1.33475E-07	5.1066E-08	3.34256E-07	2.77221E-09	1.6284E-07	3.77793E-08	9.04448E-07
Transit Bus	*42*	244,300	1.22281E-06	5.90263E-07	1.89632E-07	1.451E-06	8.90734E-09	7.06891E-07	1.21388E-07	3.92769E-06
Resuspended Road Dust										
Year 2042 Build										
Passenger Vehicles	*21/31*	85,182,400	3.16589E-07	1.33475E-07	5.1066E-08	3.34256E-07	2.77221E-09	1.6284E-07	3.77793E-08	9.04448E-07
Transit Bus	*42*	239,100	1.22281E-06	5.90263E-07	1.89632E-07	1.451E-06	8.90734E-09	7.06891E-07	1.21388E-07	3.92769E-06
Resuspended Road Dust										

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
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Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emission Factors (g/mi)							
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	Benzo(g,h,i)perylene gas	Benzo(k)fluoranthene particle	Benzo(k)fluoranthene gas	Chrysene particle	Chrysene gas	Fluorene particle	Fluorene gas	Indeno(1,2,3,c,d)pyrene particle
Year 2020 Emission Factors with 2019 Existing VMT										
Passenger Vehicles	*21/31*	79,501,800	4.70026E-09	7.73281E-07	2.49304E-07	7.73004E-07	4.72194E-07	3.31689E-07	7.78989E-06	1.61234E-06
Transit Bus	*42*	187,100	5.39053E-08	1.07324E-06	1.81527E-07	4.60199E-06	1.34938E-06	5.48368E-06	3.74183E-05	2.21357E-06
Resuspended Road Dust										
Year 2042 No-Build										
Passenger Vehicles	*21/31*	85,415,900	0	1.6284E-07	3.77793E-08	1.12773E-07	5.70466E-08	0	7.67222E-07	3.39812E-07
Transit Bus	*42*	244,300	0	7.06891E-07	1.21388E-07	4.9699E-07	2.07415E-07	8.92559E-09	3.28492E-06	1.47512E-06
Resuspended Road Dust										
Year 2042 Build										
Passenger Vehicles	*21/31*	85,182,400	0	1.6284E-07	3.77793E-08	1.12773E-07	5.70466E-08	0	7.67222E-07	3.39812E-07
Transit Bus	*42*	239,100	0	7.06891E-07	1.21388E-07	4.9699E-07	2.07415E-07	8.92559E-09	3.28492E-06	1.47512E-06
Resuspended Road Dust										

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
Passenger Car (21)	110,717,124	*44%*
Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emission Factors (g/mi)					
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	Indeno(1,2,3,c,d) pyrene gas	Phenanthrene particle	Phenanthrene gas	Pyrene particle	Pyrene gas	Total HAPs
Year 2020 Emission Factors with 2019 Existing VMT								
Passenger Vehicles	*21/31*	79,501,800	0	1.00856E-06	1.74329E-05	1.33049E-06	6.39913E-06	0.007898431
Transit Bus	*42*	187,100	0	1.35901E-05	6.84908E-05	1.77431E-05	3.01286E-05	0.041316544
Resuspended Road Dust								
Year 2042 No-Build								
Passenger Vehicles	*21/31*	85,415,900	0	5.08941E-08	2.03701E-06	5.56269E-08	6.04045E-07	0.002089204
Transit Bus	*42*	244,300	0	2.37617E-07	8.88082E-06	2.57945E-07	2.32558E-06	0.030620122
Resuspended Road Dust								
Year 2042 Build								
Passenger Vehicles	*21/31*	85,182,400	0	5.08941E-08	2.03701E-06	5.56269E-08	6.04045E-07	0.002089204
Transit Bus	*42*	239,100	0	2.37617E-07	8.88082E-06	2.57945E-07	2.32558E-06	0.030620122
Resuspended Road Dust								

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
Passenger Car (21)	110,717,124	*44%*
Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Tacoma Dome Link Extension On-road operational displaced vehicles emissions

			Emissions (lb / day)						
Onroad	Vehicle Type ID	Weekday VMT in regional travel demand model	CO	NO_X	SO_2	VOC	PM_{10}	$PM_{2.5}$	Total HAPs
Year 2020 Emission Factors with 2019 Existing VMT									
Passenger Vehicles	*21/31*	79,501,800	629335.79	51866.74	330.84	23204.27	974.36	873.91	1384.37
Transit Bus	*42*	187,100	3720.56	1117.62	2.68	87.60	14.28	13.07	17.04
Resuspended Road Dust							7998.04	1999.51	
Year 2042 No-Build									
Passenger Vehicles	*21/31*	85,415,900	189263.81	1681.79	276.36	11960.10	271.59	240.41	393.42
Transit Bus	*42*	244,300	5426.60	590.80	3.13	81.39	3.38	3.03	16.49
Resuspended Road Dust							8626.39	2156.60	
Year 2042 Build									
Passenger Vehicles	*21/31*	85,182,400	188746.43	1677.19	275.60	11927.41	270.85	239.76	392.34
Transit Bus	*42*	239,100	5311.10	578.22	3.06	79.66	3.31	2.97	16.14
Resuspended Road Dust							8599.32	2149.83	

Notes: Emission factor is weighted by activity between gasoline, diesel, CNG, E85, and electric fueled vehicles.
Emission factors are from an on-road MOVES4 run for King County, WA in July
Per FHWA Quantitative MSAT guidance, emissions process on roadways include running exhaust, crankcase running exhaust, evap permeation, and

Vehicle Type ID	Activity	*Percent Split*
Passenger Car (21)	110,717,124	*44%*
Passenger Truck (31)	139,755,331	*56%*
Sum	250,472,455	*100%*

Mobile Emissions Summary

	Emissions (lb / day)						
	CO	NO_X	SO_2	VOC	PM_{10}	$PM_{2.5}$	Total HAPs
2020 Onroad	633,056.35	52,984.36	333.52	23,291.87	8,986.68	2,886.48	1,401.41
2042 No Build Onroad	194,690.42	2,272.58	279.48	12,041.49	8,901.36	2,400.05	409.91
2042 Build Onroad	194,057.52	2,255.41	278.66	12,007.07	8,873.47	2,392.55	408.48
Net change from No Build to Build	(632.89)	(17.17)	(0.82)	(34.43)	(27.89)	(7.49)	(1.43)
Percent change from No Build to Build	-0.33%	-0.76%	-0.29%	-0.29%	-0.31%	-0.31%	-0.35%
Net change from existing to Build	(438,998.83)	(50,728.95)	(54.86)	(11,284.80)	(113.21)	(493.93)	(992.93)
Percent change from existing to Build	-69%	-96%	-16%	-48%	-1%	-17%	-71%

Regional VMT, VHT, VHD

Annualization Factor: 315

2019 Existing	Weekday VMT	Annual VMT	VHT	VHD
Passenger Cars	79,501,800	25,043,067,000	2,798,800	735,700
Heavy Trucks	9,009,900	2,838,118,500	261,300	82,300
Transit	205,900	64,858,500	15,360	-
Total	*88,717,600*	*27,946,044,000*	*3,075,460*	*818,000*

2019 Existing	VMT
Bus	187,100
Streetcar	600
Light Rail	10,600
Commuter Rail	7,600
Total	*205,900*

2042 No Build	Weekday VMT	Annual VMT	VHT	VHD
Passenger Cars	85,415,900	26,906,008,500	3,059,700	817,200
Heavy Trucks	11,270,500	3,550,207,500	329,700	106,800
Transit	391,600	123,354,000	26,990	-
Total	*97,078,000*	*30,579,570,000*	*3,416,390*	*924,000*

2042 No Build	VMT
Bus	244,300
Streetcar	3,200
Light Rail	128,900
Commuter Rail	15,200
Total	*391,600*

2042 Build	Weekday VMT	Annual VMT	VHT	VHD
Passenger Cars	85,182,400	26,832,456,000	3,044,800	807,100
Heavy Trucks	11,270,500	3,550,207,500	329,700	106,800
Transit	396,900	125,023,500	26,790	-
Total	*96,849,800*	*30,507,687,000*	*3,401,290*	*913,900*
	Delta from No Build	-71,883,000		

2042 Build	VMT
Bus	239,100
Streetcar	3,200
Light Rail	139,400
Commuter Rail	15,200
Total	*396,900*

2042 Turnback	Weekday VMT	Annual VMT	VHT	VHD
Passenger Cars	85,200,900	26,838,283,500	3,046,200	808,500
Heavy Trucks	11,270,500	3,550,207,500	329,700	106,800
Transit	393,900	124,078,500	26,790	-
Total	*96,865,300*	*30,512,569,500*	*3,402,690*	*915,300*
	Delta from No Build	-67,000,500		

2042 Turnback	VMT
Bus	239,100
Streetcar	3,200
Light Rail	136,400
Commuter Rail	15,200
Total	*393,900*

2042 SFW Interim Terminus	Weekday VMT	Annual VMT	VHT	VHD
Passenger Cars	85,442,600	26,914,419,000	3,061,400	818,000
Heavy Trucks	11,270,500	3,550,207,500	329,700	106,800
Transit	386,200	121,653,000	26,690	-
Total	*97,099,300*	*30,586,279,500*	*3,417,790*	*924,800*
	Delta from No Build	6,709,500		

2042 SFW Interim Terminus	VMT
Bus	239,800
Streetcar	3,200
Light Rail	128,000
Commuter Rail	15,200
Total	*386,200*

2042 Fife Interim Terminus	Weekday VMT	Annual VMT	VHT	VHD
Passenger Cars	85,325,700	26,877,595,500	3,054,200	813,300
Heavy Trucks	11,270,500	3,550,207,500	329,700	106,800
Transit	389,500	122,692,500	26,490	-
Total	*96,985,700*	*30,550,495,500*	*3,410,390*	*920,100*
	Delta from No Build	-29,074,500		

2042 Fife Interim Terminus	VMT
Bus	239,100
Streetcar	3,200
Light Rail	132,000
Commuter Rail	15,200
Total	*389,500*

Passengers cars and heavy truck data from PSRC travel model.

Transit data from ST model, assuming 6 hour of peak operation and 12 hours of off-peak operations.

Cars per Train for VMT/VHT Calculations

Rail Service	2019	2042
Link Light Rail	2	4
Sounder North	2.5	
Sounder South	7	10

Resuspended Road Dust

			Total Vehicle Miles Traveled (VMT) per Speed Bin					
		Weight	Low ADT Road			High ADT Road		
SpeedBin	**MOVES ID**	**tons**	**5**	**6**	**7**	**12**	**13**	**16**
Passenger Cars - 2020	21	2	0	0	0	79501800	0	0
Transit Bus - 2020	42	15	0	0	0	187100	0	0
Passenger Cars - 2042 NB	21	2	0	0	0	85415900	0	0
Transit Bus - 2042 NB	42	15	0	0	0	244300	0	0
Passenger Cars - 2042 Build	21	2	0	0	0	85182400	0	0
Transit Bus - 2042 Build	42	15	0	0	0	239100	0	0

Silt Loading	**AP-42 Roadway Category**	**sL (Winter)**
High ADT Road	5000-10000 ADT	0.12
Low ADT Road	500-5000 ADT	0.6

Note: Assume all high ADT roads.

Vehicle Type	**Pollutant**	**Road Type**	**k (g/VMT)**	**sL**	**W**	**P**	**VMT**	**Emissions (tons)**	**Year**
Passenger Cars - 2020	$PM_{2.5}$	High ADT Road	0.25	0.12	2	180	79501800	0.9817	2020
Passenger Cars - 2042 NB	$PM_{2.5}$	High ADT Road	0.25	0.12	2	180	85415900	1.0547	2042 NB
Passenger Cars - 2042 Build	$PM_{2.5}$	High ADT Road	0.25	0.12	2	180	85182400	1.0519	2042 Build
Transit Bus - 2020	$PM_{2.5}$	High ADT Road	0.25	0.12	15	180	187100	0.0180	2020
Transit Bus - 2042 NB	$PM_{2.5}$	High ADT Road	0.25	0.12	15	180	244300	0.0236	2042 NB
Transit Bus - 2042 Build	$PM_{2.5}$	High ADT Road	0.25	0.12	15	180	239100	0.0231	2042 Build
Passenger Cars - 2020	PM_{10}	High ADT Road	1	0.12	2	180	79501800	3.9269	2020
Passenger Cars - 2042 NB	PM_{10}	High ADT Road	1	0.12	2	180	85415900	4.2190	2042 NB
Passenger Cars - 2042 Build	PM_{10}	High ADT Road	1	0.12	2	180	85182400	4.2074	2042 Build
Transit Bus - 2020	PM_{10}	High ADT Road	1	0.12	15	180	187100	0.0722	2020
Transit Bus - 2042 NB	PM_{10}	High ADT Road	1	0.12	15	180	244300	0.0942	2042 NB
Transit Bus - 2042 Build	PM_{10}	High ADT Road	1	0.12	15	180	239100	0.0922	2042 Build
Passenger Cars - 2020	$PM_{2.5}$	Low ADT Road	0.25	0.6	2	180	0	0.0000	2020
Passenger Cars - 2042 NB	$PM_{2.5}$	Low ADT Road	0.25	0.6	2	180	0	0.0000	2042 NB
Passenger Cars - 2042 Build	$PM_{2.5}$	Low ADT Road	0.25	0.6	2	180	0	0.0000	2042 Build
Transit Bus - 2020	$PM_{2.5}$	Low ADT Road	0.25	0.6	15	180	0	0.0000	2020
Transit Bus - 2042 NB	$PM_{2.5}$	Low ADT Road	0.25	0.6	15	180	0	0.0000	2042 NB
Transit Bus - 2042 Build	$PM_{2.5}$	Low ADT Road	0.25	0.6	15	180	0	0.0000	2042 Build
Passenger Cars - 2020	PM_{10}	Low ADT Road	1	0.6	2	180	0	0.0000	2020
Passenger Cars - 2042 NB	PM_{10}	Low ADT Road	1	0.6	2	180	0	0.0000	2042 NB
Passenger Cars - 2042 Build	PM_{10}	Low ADT Road	1	0.6	2	180	0	0.0000	2042 Build
Transit Bus - 2020	PM_{10}	Low ADT Road	1	0.6	15	180	0	0.0000	2020
Transit Bus - 2042 NB	PM_{10}	Low ADT Road	1	0.6	15	180	0	0.0000	2042 NB
Transit Bus - 2042 Build	PM_{10}	Low ADT Road	1	0.6	15	180	0	0.0000	2042 Build

Total Emissions	
2020	
$PM_{2.5}$	**1.00 tons/day**
PM_{10}	**4.00 tons/day**
2042 NB	
$PM_{2.5}$	**1.08 tons/day**
PM_{10}	**4.31 tons/day**
2042 Build	
$PM_{2.5}$	**1.07 tons/day**
PM_{10}	**4.30 tons/day**

Formula used from AP-42 Section 13.2.1 "Paved Roads"

$E=k\,(sL/2)^{0.91}\,(W/3)^{1.02}\,(1-P/4N)$

E = particulate emission factor (having units matching the units of k)

k = particle size multiplier for particle size range and units of interest, From AP-42 Table 13.2-1.1

sL = road surface silt loading (grams per square meter) (g/m2), Assume winter time condition

W = average weight (tons) of the vehicles traveling the road

Figure 13.2.1-2 estimates that days of precipitation >0.01 inch per year (P) is approximately 180; N is 365 days.

Assumed passenger cars are 2 tons. Assumed buses weigh 15 tons.

H4.4 Climate Change Background Information

H4.4 Climate Change and Global Warming Potential

GHGs vary considerably in terms of climate changes and Global Warming Potential, which is a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. Global Warming Potential is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere ("atmospheric lifetime"). Global Warming Potential is a measure of how much energy the emissions of 1 ton of a gas will absorb over a given period of time, typically a 100-year time horizon, relative to the emissions of 1 ton of carbon dioxide, which is the primary GHG emitted through human activities. Gases with a higher Global Warming Potential absorb more energy per ton emitted than gases with a lower Global Warming Potential and thus contribute more to warming Earth (EPA 2020a). GHG emissions are typically measured in terms of pounds or tons of "carbon dioxide equivalents" (CO_2e). Table H4.4-1 shows the Global Warming Potential for each type of GHG. For example, sulfur hexafluoride is 23,900 times more potent at contributing to global warming than carbon dioxide.

There are four primary strategies for reducing GHG emissions from transportation sources: 1) improving the transportation system and operational efficiency, 2) reducing passenger vehicle travel activity, 3) transitioning to lower GHG-emitting fuels, and 4) improving vehicle technologies/efficiency. TDLE is expected to reduce dependency on single-occupancy vehicles, slow growth in VMT, conserve energy, and reduce GHG emissions while helping to achieve Washington State's emissions reduction goals (RCW 70.235.020).

Table H4.4-1 Global Warming Potential of Greenhouse Gases

Gas	Atmospheric Lifetime (Years)	Global Warming Potential (100-year Time Horizon)
Carbon Dioxide (CO_2)	50–200	1
Methane (CH_4)	12	21
Nitrous Oxide (N_2O)	114	310
HFC-23	270	11,700
HFC-134a	14	1,300
HFC-152a	1.4	140
PFC: Tetrafluoromethane (CF_4)	50,000	6,500
PFC: Hexafluoroethane (C_2F_6)	10,000	9,200
Sulfur Hexafluoride (SF_6)	3,200	23,900

Source: Intergovernmental Panel on Climate Change, 2007.

H4.5 Transportation Improvement Program Listing

Jurisdiction: Sound Transit

Project Number: RTA-98 **County:** Multicounty Project **Title:** Tacoma Dome Link Extension

Phase	Programmed Year	Oblig. Date	Funding Source	Federal Funds	State Funds	Local Funds	Phase Total
PE	2023	1/1/23	Local	$0	$0	$34,981,000	$34,981,000
PE	2023	2/28/23*	5307(Urban)	$10,290,197	$0	$0	$10,290,197
PE	2023	7/1/23	5307(Urban)	$9,843,957	$0	$0	$9,843,957
PE	2024	1/1/24	Local	$0	$0	$14,587,000	$14,587,000
PE	2025	1/1/25	Local	$0	$0	$2,198,000	$2,198,000
PE	2026	1/1/26	Local	$0	$0	$82,000,000	$82,000,000
ROW	2023	1/1/23	Local	$0	$0	$86,472,000	$86,472,000
ROW	2024	1/1/24	Local	$0	$0	$53,411,000	$53,411,000
ROW	2025	1/1/25	Local	$0	$0	$2,980,000	$2,980,000
ROW	2026	1/1/26	Local	$0	$0	$28,000,000	$28,000,000
OTH	2023	1/1/23	Local	$0	$0	$8,615,000	$8,615,000
OTH	2024	1/1/24	Local	$0	$0	$7,946,000	$7,946,000
OTH	2025	1/1/25	Local	$0	$0	$668,000	$668,000
OTH	2026	1/1/26	Local	$0	$0	$22,000,000	$22,000,000
Totals:				$20,134,154	$0	$343,858,000	$363,992,154

WSDOT PIN:

Federal Aid/FTA Grant Number(s): WA-2022-086-00

Functional Class: Not applicable (transit, enhancements, Etc.)

Improvement Type: New/Relocated Transit Alignment

Location: Link LR Extension

From: Federal Way Transit Center **To:** Tacoma Dome

Total Cost: $4,987,000,000

Regionally Significant: Yes **Environmental Status:** EIS

Year of Expenditure for Total Cost: 2023

Expected Year of Completion: 2034

MTP Status: Candidate **MTP Reference(s):** 5685

Description:

This project extends light rail 9.7 miles from the Federal Way Transit Center to Tacoma, primarily along the I-5 corridor, and includes four new stations in south Federal Way, Fife,
and two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome Station). This project includes the planning of a light rail maintenance facility, OMF-South, to add storage and maintenance capacity in support of the expansion of light rail on the Federal Way to Tacoma corridor. This is a multiyear project and the funding programmed reflects the funds within the span of the TIP.

* = Asterisk by Obligation Date indicates funds for this phase obligated earlier this calendar year

H4.6 Regional Transportation Plan Listing

Sponsor: SOUND TRANSIT
Project ID: 5685
Title: Link LRT Extension from Federal Way to Tacoma

MTP Status: Candidate
Estimated Cost: $2,490,477,588

Description:
This project extends light rail south from Federal Way Station to Tacoma Dome Station, with new stations at serving South Federal Way, Fife and East Tacoma. New parking facilities are included at South Federal Way and Fife with +/- 500 spaces at each station.

Location / Facility:	From:	To:
Link LRT extension	Federal Way Station	Tacoma Dome Station
County:	Completion Year:	Prioritization Score:
Multiple Counties (any combination)	2030	61

Sponsor: SOUND TRANSIT
Project ID: 5686
Title: Link LRT Extension from Angle Lake to Federal Way

MTP Status: Approved
Estimated Cost: $2,505,362,386

Description:
The Federal Way Link Extension project is a 7.8 mile extension of light rail from the city of SeaTac's Angle Lake Station to the Federal Way Transit Center with service to the cities of Des Moines and Kent. Operating in exclusive right-of-way, the project generally parallels I-5 on an elevated or at-grade alignment. Trains will serve three stations: Highline College in Kent/Des Moines; South 272nd in Federal Way; and the Federal Way Transit Center at 23rd Avenue South. The station will feature new parking facilities providing approximately 1,200 parking spaces.

Location / Facility:	From:	To:
Link LRT extension	Angle Lake Station	Federal Way Transit Center
County:	Completion Year:	Prioritization Score:
King County	2024	54

H4.7 References

H4.7 References

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

WATER RESOURCES SUPPORTING INFORMATION

Appendix H5

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Acronyms and Abbreviations

ASGWC	Areas Susceptible to Ground Water Contamination
BMP	best management practice
CSWPPP	Construction Stormwater Pollution Prevention Plan
Ecology	Washington State Department of Ecology
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FMC	Fife Municipal Code
FWRC	Federal Way Revised Code
HPA	Hydraulic Project Approval
I-5	Interstate 5
LOMA	Letters of Map Amendment
MMC	Milton Municipal Code
NPDES	National Pollutant Discharge Elimination System
NPGIS	non-pollution-generating surface
PCC	Pierce County Code
PGIS	pollution-generating surface
RCW	Revised Code of Washington
SEPA	State Environmental Policy Act
SR	State Route
TMC	Tacoma Municipal Code
TOD	transit oriented development
USACE	United States Army Corps of Engineers
U.S.C.	United States Code
U.S. DOT	United States Department of Transportation
WAC	Washington Administrative Code
WCHRN	Washington Coastal Hazards Resilience Network
WDFW	Washington Department of Fish and Wildlife
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

The information contained in this appendix serves as a supplement to Section 4.8 Water Resources and is not intended as a stand-alone document. Where full discussion of a topic is presented in Section 4.8, no repeat or additional discussion of that topic is included in this appendix.

2 REGULATORY REQUIREMENTS AND PERMITS

2.1 Regulations and Design Guides

The federal, state, local, and Tribal regulations that govern the protection or use of water resources in the study area are listed below. Local plans, policies, or design manuals that guide the use of water resources in the study area are also included.

2.1.1 Federal

- Coastal Zone Management Act, 16 United States Code (U.S.C.) § 1451 et seq.
- Rivers and Harbors Act:
  - Section 9 (33 U.S.C. § 401) – Construction of any structure in or over any navigable water.
  - Section 10 (33 U.S.C. § 403) – Excavation and fill within navigable waters.
  - Section 408 (33 U.S.C. § 408) – Alteration of an existing Civil Works project.
- Clean Water Act:
  - Section 401 (33 U.S.C. § 1341) – Water Quality Certification (delegated authority to the Environmental Protection Agency [EPA], Tribe, and/or state).
  - Section 402 (33 U.S.C. § 1342) – National Pollutant Discharge Elimination System (NPDES).
  - Section 404 (33 U.S.C. § 1344) – Permits for Dredge or Fill.
- Safe Drinking Water Act, 42 U.S.C. § 300f et seq., Chapter 6A.
- National Flood Insurance Act of 1968 and Flood Disaster Protection Act of 1973, 42 U.S.C. § 4001 et seq.
- National Environmental Policy Act, 42 U.S.C. § 4321.
- Floodplain Management Presidential Executive Order 11988 of May 24, 1977, and its subsequent updates (Executive Orders 13690 and 14030), which direct federal agencies to evaluate the impacts of their actions on FEMA-designated floodplains, consider options to minimize or avoid those impacts, and increase resiliency to future flood risk. These will guide the design for crossings of the Fife Ditch Tributary 1 and the Puyallup River floodplains.
- United States Department of Transportation (U.S. DOT) Order 5650.2 – Floodplain Management and Protection.
- Endangered Species Act Biological Opinion for the Implementation of the National Flood Insurance Program in the State of Washington (NMFS 2008).
- FTA Region 10 Standard Operating Procedures No. 22 Water Resources.

2.1.2 Tribal

- Amendment to the Clean Water Act for the Puyallup Tribe of Indians (TAS Status), 33 U.S.C. § 1377 et seq.
- Puyallup Tribal Code Chapter 10.08, Water Quality Standards for Surface Waters.
- Puyallup Tribal Code Chapter 15.12, Zoning Ordinance.
- Puyallup Tribal Code Chapter 15.16, Permit Applications Procedure Code.
- Puyallup Tribal grant or waiver of Clean Water Act, 33 U.S.C. § 1377.
- Puyallup Tribe of Indians Water Quality Antidegradation Implementation Procedural Review.

2.1.3 State

- Water Quality Standards for Surface Waters, Washington Administrative Code (WAC) 173-201A.
- Water Quality Standards for Groundwater, WAC 173-200.
- Flood Control Management Act, Revised Code of Washington (RCW) 86.
- Water Pollution Control Act, RCW 90.48.
- Shoreline Management Act, RCW 90.58, WAC 173-18 and 173-26.
- 2019 Stormwater Management Manual for Western Washington (Ecology Manual) (Ecology 2019b).
- Washington State Department of Transportation (WSDOT) Highway Runoff Manual (WSDOT 2019).
- WSDOT Hydraulics Manual (WSDOT 2023).
- Washington State Hydraulic Code, WAC 220-660.

2.1.4 Regional

- Sound Transit Design Criteria Manual, Revision 5 (Sound Transit 2021).
- Low Impact Development Technical Guidance Manual for Puget Sound (Puget Sound Partnership 2012).

2.1.5 Local

Pierce County

- Storm Drainage and Surface Water Management, Title 11 Pierce County Code (PCC).
- Construction and Infrastructure Regulations – Site Development and Stormwater Drainage, 26 Title 17A PCC.
- Development Regulations – Storm Drainage and Site Development, Title 17A PCC.
- Development Regulations – Critical Areas, Title 18E PCC.
- Development Policies and Regulations – Shorelines, Title 18S PCC.
- Pierce County Stormwater Management & Site Development Manual (Pierce County 2021).

City of Federal Way

- Shoreline Management, Federal Way Revised Code (FWRC) 15.05.
- Surface Water Management, Title 16 FWRC.
- Zoning and Development – Environmentally Critical Areas, FWRC 19.145.
- King County Surface Water Design Manual (King County 2021a).
- Federal Way Addendum to the King County Surface Water Design Manual (City of Federal Way 2017).
- King County Stormwater Pollution Prevention Manual (King County 2021b).

City of Milton

- Storm Drainage of Surface Water – Utility, Management, and Maintenance; Milton Municipal Code (MMC) 13.26.
- Flood Damage Prevention, MMC 15.20.
- Shoreline Master Program, MMC 18.12.
- Critical Areas, MMC 18.16.

City of Fife

- Drainage of Surface Water, Fife Municipal Code (FMC) 15.32.
- State Environmental Policy Act (SEPA) Guidelines, FMC 17.04.
- Critical Areas General Provisions, FMC 17.05.
- Aquifer Recharge Areas, FMC 17.07.
- Frequently Flooded Areas, FMC 17.09.
- Flood Damage Prevention, FMC 15.40.
- Shoreline Master Program, FMC 17.21.

City of Tacoma

- Wastewater and Surface Water Management – Regulation and Rates, Tacoma Municipal Code (TMC) 12.08.
- South Tacoma Groundwater Protection District, TMC 13.09.
- Critical Areas Preservation Ordinance TMC 13.11.
- Shoreline Master Program TMC 19.01.
- Stormwater Management Manual (City of Tacoma 2021).

2.2 Applicable Permits

The federal, state, local, and Tribal permits required for projects that affect water resources in the study area are listed below.

2.2.1 Federal

- Clean Water Act:
  - Section 401 (33 U.S.C. § 1341) – Water Quality Certification (approval issued by the state, Tribe, or EPA).
  - Section 402 (33 U.S.C. § 1342) – NPDES (implemented by state).
  - Section 404 (33 U.S.C. § 1344) – Permits for Dredge or Fill (approval issued by the United States Army Corps of Engineers [USACE]).
- Rivers and Harbors Act:
  - Section 9 (33 U.S.C. § 401) – Construction of any structure in or over any navigable water.
  - Section 10 (33 U.S.C. § 403) – Excavation and fill within navigable waters (approval issued by the USACE).
  - Section 408 (33 U.S.C. § 408) – Alteration of an existing civil works project (approval issued by the USACE).
- Federal Emergency Management Agency (FEMA) Flood Insurance Rate Mapping Conditional Letter of Map Revision Application.

2.2.2 Tribal

- Puyallup Tribal Code 15.12.390, Conditional Use Permit.
- Puyallup Tribal Code 15.12.060/15.12.070, Development Permit.
- Puyallup Tribal Code 15.12.090, Construction Permit.

2.2.3 Delegated authority for Section 401 Water Quality Certification State and County

- NPDES Construction Stormwater General Permit (Ecology 2021).
- NPDES Western Washington Phase I and Phase II Municipal Stormwater General Permits (Ecology 2019a).
- Section 401 Water Quality Certification – Washington State Department of Ecology (Ecology).
- Hydraulic Project Approval (HPA) – Washington Department of Fish and Wildlife (WDFW) (RCW 77.55).

2.2.4 Local Agencies

- Construction Permits – Cities of Federal Way, Milton, Fife, and Tacoma; Pierce County.
- Development Permits – Cities of Federal Way, Milton, Fife, and Tacoma; Pierce County.
- Critical Areas Approvals – Cities of Federal Way, Milton, Fife, and Tacoma; Pierce County.
- Floodplain Development Permits – Cities of Milton, Fife, and Tacoma; Pierce County.
- Shoreline Substantial Development Permit – Cities of Fife, Milton, and Tacoma; Pierce County.

2.2.5 Other

- Pipeline and Utility Crossing: Permits – Utility Providers.
- Utility Approvals: Easements and Use Agreements – Utility Providers.

3 AFFECTED ENVIRONMENT

3.1 Natural Water Bodies

The major natural water bodies and their associated tributaries located within the study area are described below, generally listed from north to south.

3.1.1 Federal Way Segment

The study area in the Federal Way Segment contains the following water bodies:

- East Fork Hylebos Creek Tributary 0016A: This stream originates west of Interstate 5 (I-5) near S 324th Street, and it flows southward through the study area, joining other tributaries to form East Fork of Hylebos Creek. The East Fork Hylebos Creek Tributary 0016A has no documented water quality impairments.
- West Fork Hylebos Creek Tributary 0014C: A small segment of West Fork Hylebos Creek Tributary 0014C near the stream's headwaters is present in the northern portion of the study area, where it is confined within an in-line stormwater facility near S 324th Street. West Fork Hylebos Creek Tributary 0014C is designated on Ecology's 303(d) list for pH, copper, lead, and zinc (Ecology 2018). The stream then flows south and eventually joins other tributaries to form the West Fork of Hylebos Creek before reaching the South Federal Way Segment.

3.1.2 South Federal Way Segment

The study area in the South Federal Way Segment contains the following water bodies:

- East Fork Hylebos Creek Tributary 0016A: From its headwaters described above, this stream continues flowing southward through the study area south of S 344th Street, joining other tributaries downstream near S 375th Street to form the East Fork of Hylebos Creek. The East Fork Hylebos Creek Tributary 0016A has no documented water quality impairments.
- North Fork Hylebos Creek: This stream originates in regional stormwater facilities immediately north of S 356th Street. A small segment of the stream near its headwaters flows through the study area, where it is confined in a straight, ditch-like channel. Stream reaches in the study area are on the 303(d) list, based on the benthic macroinvertebrate bioassessment parameter (Ecology 2023).
  - Federal Way Stream 2 (SFW-02): Originates on the west side of State Route (SR) 99, just south of S 359th Street and is assumed to join North Fork Hylebos Creek east of SR 99.
  - Federal Way Stream 4 (SFW-04): Emerges from beneath SR 99 in an approximately 18-inch-diameter culvert and is a tributary to North Fork Hylebos Creek. This stream may be the downstream continuation of SFW-02.
  - Federal Way Stream 3 (SFW-03): The channel originates west of SR 99, crosses under the highway, then flows approximately 200 feet east before spreading into a wetland. It is assumed that the stream is connected to North Fork Hylebos Creek outside of the study area.

- West Fork Hylebos Creek: The West Fork Hylebos Creek crosses the study area under Pacific Highway S, just south of S 364th Street. West Fork Hylebos Creek is a perennially flowing stream that originates in wetlands near S 348th Street in Federal Way and flows southward. The stream is joined by several tributaries before it crosses beneath I-5 in Milton and joins East Fork Hylebos Creek to form Hylebos Creek. West Fork Hylebos Creek is considered one of the highest quality streams in the watershed and the City of Federal Way has identified lower reaches of the stream as a top priority for conservation. Section 4.9, Ecosystems, of the Draft EIS contains additional details.
  - Milton Stream 3 (SMI-03): The stream enters the study area near 7th Street NE, then flows south along Pacific Highway, enters a piped stormwater system, then discharges to West Hylebos Creek.
  - Federal Way Stream 1 (SFW-01): Near the southern boundary of Federal Way is an ephemeral tributary (flowing only during and following rainfall) to West Fork Hylebos Creek. The stream originates on the east side of I-5, flows through a culvert beneath I-5, then flows due west to its confluence with West Fork Hylebos Creek. It has no documented water quality impairment.
  - Milton Stream 2 (SMI-02): Milton Stream 2 (SMI-02) crosses SR 99 south of the King/Pierce county line and then flows approximately 400 feet east to its confluence with West Fork Hylebos Creek. Stream flow is likely intermittent but has not been confirmed.
- Hylebos Creek Mainstem: East Fork Hylebos Creek continues along the east side of I-5, and it converges with West Fork Hylebos Creek to form the mainstem of Hylebos Creek near Porter Way. Hylebos Creek receives groundwater and stormwater inputs from areas of the cities of Federal Way, Milton, and Fife, where a large portion of the land is impervious. The creek has undergone extensive straightening, channeling, and underground piping of surface waters during historical growth and industrial development. The creek flows into the Hylebos Waterway in Commencement Bay. Hylebos Creek is designated on Ecology's 303(d) list for fecal coliform bacteria, temperature, and dissolved oxygen (Ecology 2018).
  - Milton Stream 1 (SMI-01): This stream is a roadside ditch running along the west side of I-5 that empties into Hylebos Creek. The narrow stream is contained by fill slopes and commercial developments with no documented water quality impairment.
  - Surprise Lake Creek: Surprise Lake Creek is a tributary to Hylebos Creek that joins near where SR 99 crosses the mainstem Hylebos. It is fed by Surprise Lake, with crossings directed in culverts, and it has no documented water quality impairment.

3.1.3 Fife Segment

The Fife Segment of the study area includes the following water bodies:

- Hylebos Creek Mainstem: Hylebos Creek briefly runs adjacent to the study area on the eastern edge of the Fife city limits. This is just downstream of the project crossing over Hylebos Creek at the southernmost end of the South Federal Way Segment, which is just east of the Fife city limits.
- Fife Ditch and Tributary 1: The Fife Ditch and its Tributary 1 are a channelized ditch system classified as streams that drain the low-lying areas in Fife predominantly north of I-5. The stream system consists of numerous smaller tributaries and ditches throughout the City of Fife that flow via a tide gate into the Hylebos Waterway in Commencement Bay. Fife Ditch is on the 303(d) list for dissolved oxygen and ammonia (Ecology 2018).

- Wapato Creek: Most of the flow into Wapato Creek originates north of the city of Puyallup, with a historical flow diversion from the upper reaches into the Puyallup River (WDFW 2020). Wapato Creek also receives urban runoff from Fife and Tacoma and flows into a series of culverts and pipes that empty into the Hylebos Waterway in Commencement Bay. The stream is on the 303(d) list for dissolved oxygen, fecal coliform, and low stream flows, which threaten aquatic life (Ecology 2018).
- Erdahl Ditch Tributary 1 and Tributary 2: The Erdahl Ditch drainage system conveys surface water runoff from the western portion of the Fife Segment to the Blair Waterway in Commencement Bay. Both Erdahl Ditch Tributary 1 and Erdahl Ditch Tributary 2 in the study area are largely contained in pipes. The surface-flowing reach of Erdahl Ditch Tributary 1 in the study area is maintained as a stormwater conveyance facility at the interchange between southbound I-5 and Port of Tacoma Road, and the surface-flowing reach of Erdahl Ditch Tributary 2 in the study area lies between I-5 and a commercial property. The two watercourses likely converge (within pipes) before being piped to an open channel and ultimately the Blair Waterway. Neither watercourse has a 303(d) listing (Ecology 2018).

3.1.4 Tacoma Segment

Surface water bodies in the Tacoma Segment include the following:

- Puyallup River: The Puyallup River Basin has been extensively historically modified through flood control projects, hydropower development, agriculture, and urbanization. The Puyallup River is of regionwide significance and has two major tributaries, the White and Carbon rivers. The Puyallup River flows into Commencement Bay, creating a saltwater wedge estuary that results in a tidal influence on the river. The nearby Foss waterway basin area of Commencement Bay is part of a 12-acre Superfund Site, for which cleanup was completed in 2006. Sediments containing phthalates, petroleum-based products, PCBs, phenols, metals, and pesticides were dredged from waterways and then capped with clean sediments (City of Tacoma 2020). Tidal influence from Commencement Bay on the Puyallup River extends from its mouth to approximately 2.2 miles upstream. The estuary has been extensively modified to accommodate industrial activity, losing as much as 99 percent of its historical estuarine wetland area; however, recently, a variety of restoration projects have been implemented in the estuary downstream of the study area. The river is on the 303(d) list for temperature, mercury, and low stream flows that threaten aquatic life (Ecology 2018).
  - First Creek: This tributary to the Puyallup River crosses the study area in a channelized section with culverts. It has no documented water quality impairments.
- Tacoma Gulch: The Tacoma Gulch is a spring-fed tributary that flows through the Tacoma stormwater system and outlets to the Foss waterway in Commencement Bay. In the study area, this stream is on the west side of, across the interstate from the Tacoma 26th Street Station. It has no documented water quality impairments.

3.2 Water Quality

This appendix is intended to provide supplemental information and background to support the primary discussion of potential impacts to water resources in the project study area that are discussed in Section 4.8, Water Resources, of the Draft Environmental Impact Statement (EIS).

Ecology designates waterbodies within the state with beneficial uses, such as drinking water, recreation, aquatic habitat, and industrial use, that are historically and currently impaired by pollutants on the Water Quality Assessment Clean Water Act Section 303(d) list (Ecology 2018). Summaries from Ecology's 303(d) list of impaired water bodies are included on the following pages for waters in the study area. Table H5-1 lists all of the EPA 303(d) list Impaired waterbodies in the study area, and Figure H5-1 displays them (Ecology 2018).

Table H5-1 Impaired Water Bodies – Ecology 303(d) Listings

Listing ID	AU ID	Medium	Parameter	Category	Waterbody Name
7503	17110019020821	Water	Dissolved Oxygen	5	Fife Ditch
8678	17110019020821	Water	Ammonia-N	5	Fife Ditch
15887	17110019000729	Water	Bacteria	5	Hylebos Creek W.F.
15888	17110019000731	Water	Bacteria	5	Hylebos Creek, E.F.
72618	17110019000729	Water	Temperature	5	Hylebos Creek, W.F.
78126	17110019000729	Water	Dissolved Oxygen	5	Hylebos Creek, W.F.
89502	17110019008044	Water	Dibenzo(a,h)anthracene	5	Unnamed Creek (Trib to West Hylebos Creek)
76389	17110019008044	Water	Lead	5	Unnamed Creek (Trib to West Hylebos Creek)
90088	17110019008044	Water	Benzo(a)pyrene	5	Unnamed Creek (Trib to West Hylebos Creek)
78259	17110019008044	Water	Copper	5	Unnamed Creek (Trib to West Hylebos Creek)
78496	17110019008044	Water	Zinc	5	Unnamed Creek (Trib to West Hylebos Creek)
7504	17110019020834	Water	Bacteria	5	Wapato Creek
82285	17110019020834	Water	Dissolved Oxygen	5	Wapato Creek
6190	17110019020834	Water	Instream Flow	4C	Wapato Creek

Source: Ecology 2018

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023); Ecology (2023).

N

0 1 2 Miles

FIGURE H5-1
Water Resources
Ecology 303(d) Water Quality Listings
Tacoma Dome Link Extension

3.3 Floodplains and Floodways

Mapped floodplains designated by FEMA, county-designated flood hazard areas, and city-designated flood hazard areas within the study area are shown on Figures H5-2 through H5-5 (FEMA 2017a, 2020). FEMA has stated that the flood hazard mapping for this area will be revised as part of the future Puyallup River levee recertification under the National Flood Insurance Program. However, levee recertification processes are complex and can take many years to complete, so Sound Transit is proceeding with the project analysis without depending on the recertification. FEMA has designated the currently effective flood hazard data based on analysis completed in 1979 for the cities of Fife and Milton and in 1981 for the City of Tacoma (FEMA 2017b). This historical data does not accurately reflect subsequent development and current topographic conditions.

Sound Transit is reviewing available floodplain data for this area, including localized mapping of flood prone areas developed for the City of Fife based on 1990 and 1996 flood events (City of Fife 2003). In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment (LOMAs) that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain. These LOMAs apply to the following locations:

- LOMA_23-10-0176A-530140 (January 25, 2023): Entire Parcel Number 0420063107, located at 1317 54th Avenue E.
- LOMA_23-10-0262A-530140 (March 1, 2023): Entire Parcel Number 0420063012, located at 5410 12th Street E.
- LOMA_23-10-0799A-530140 (November 29, 2023): Portion of Parcel Number 0420063110, located at 5802 12th Street E.

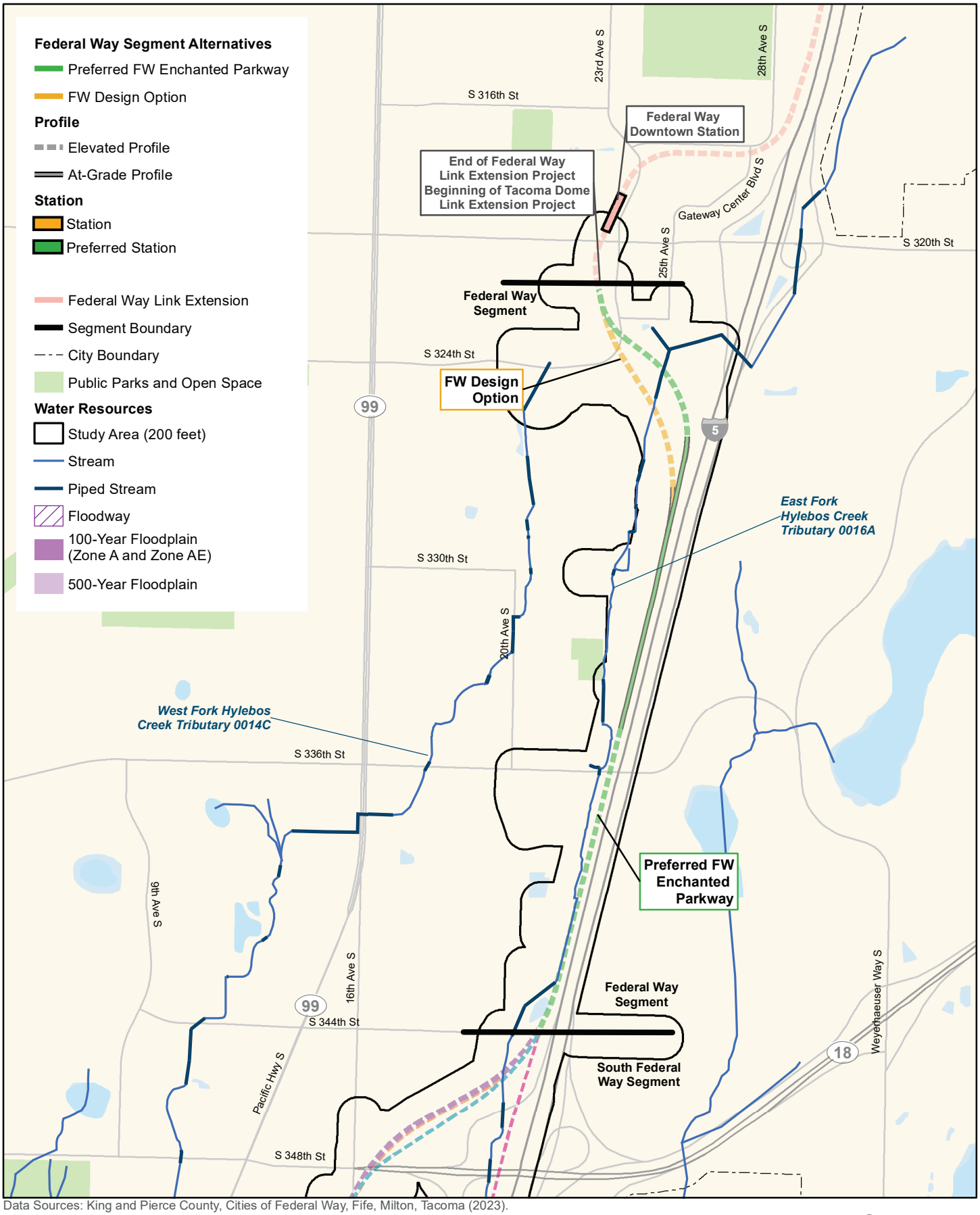

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H5-2
Water Resources
Flood Hazards: Federal Way Segment
Tacoma Dome Link Extension

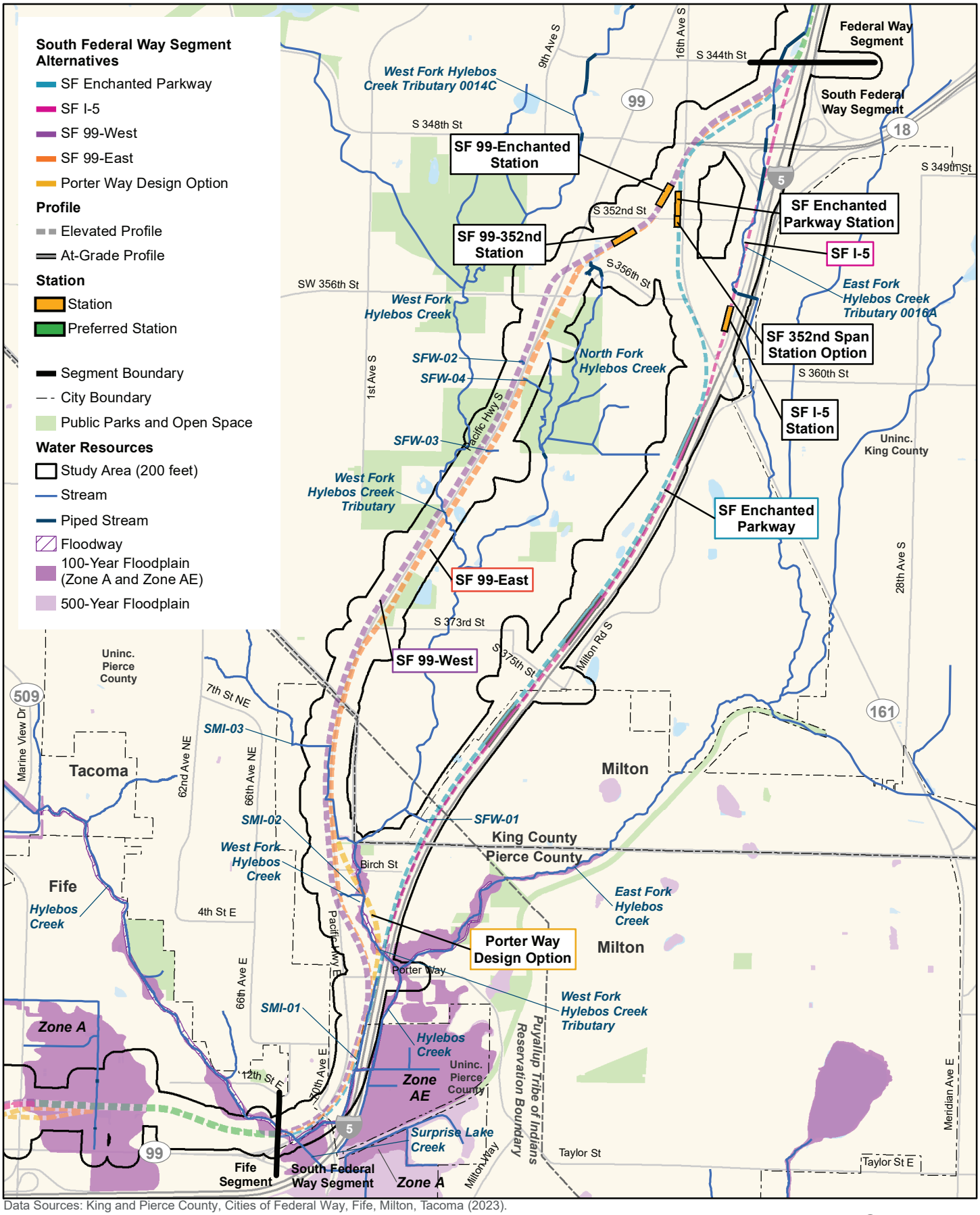

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

Note: In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain.

N

0 0.5 1 Mile

FIGURE H5-3

Water Resources

Flood Hazards: South Federal Way Segment

Tacoma Dome Link Extension

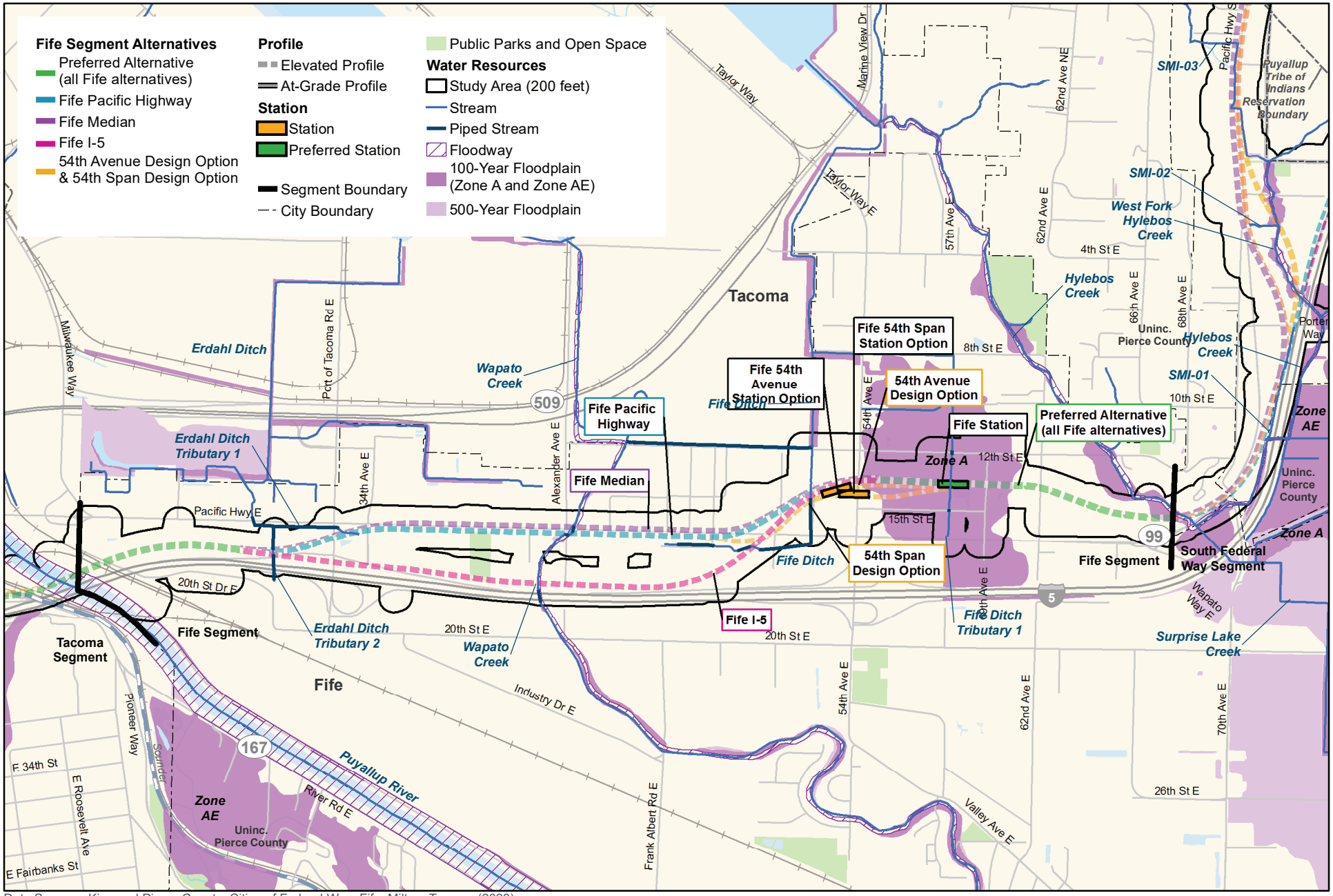

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

Note: In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain.

N

0 0.5 1 Mile

FIGURE H5-4
Water Resources
Flood Hazards: Fife Segment

Tacoma Dome Link Extension

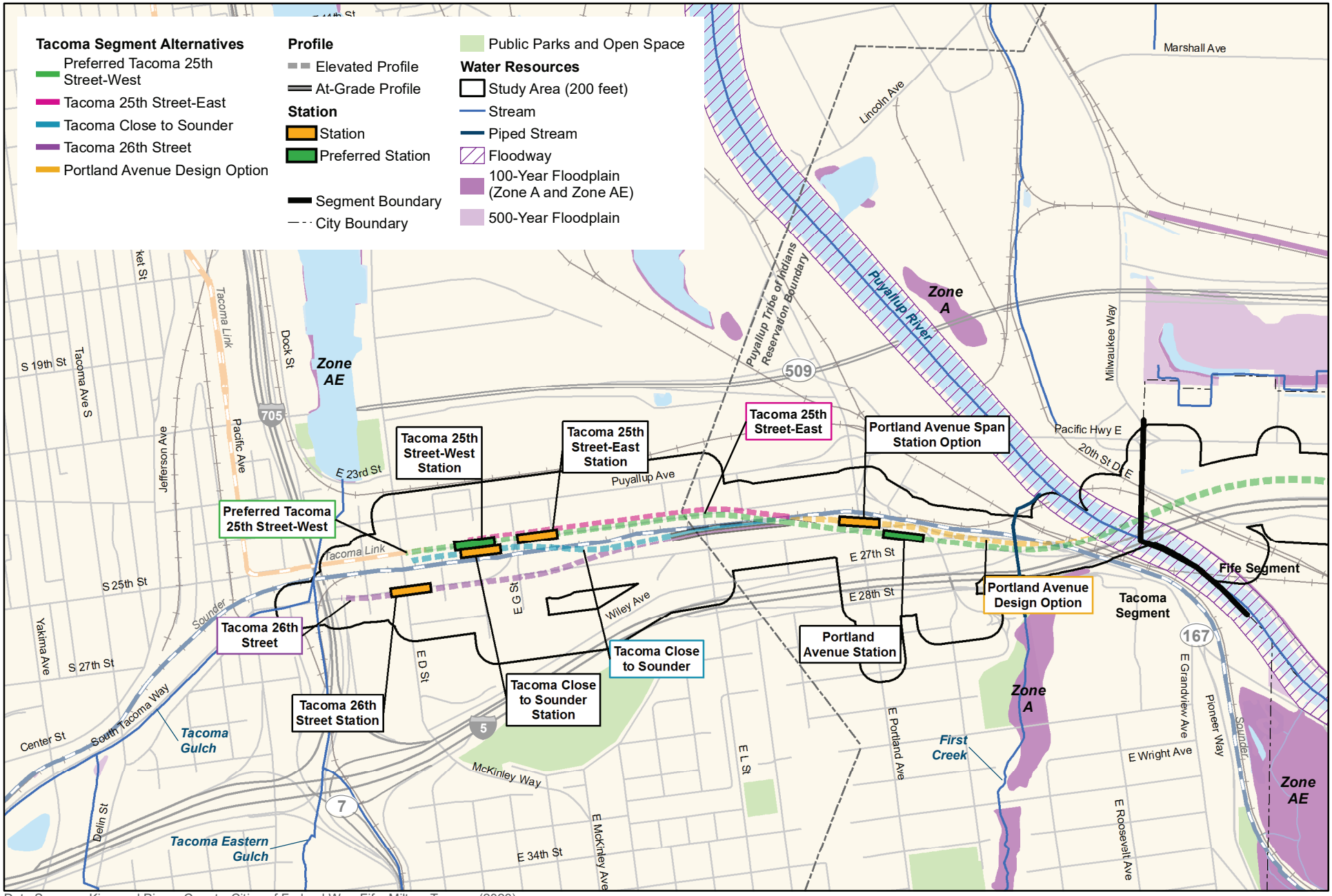

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H5-5
Water Resources
Flood Hazards: Tacoma Segment

Tacoma Dome Link Extension

3.4 Groundwater

Groundwater resources, such as aquifer recharge and wellhead protection areas, are highly susceptible to groundwater contamination within the study area are shown on Figure H5-6. The wellhead protection areas are defined by protection categories that refer to the amount of time it would take contamination to reach the wellhead from the specified area within each boundary. Projection boundaries include the 1-, 5-, and 10-year time of travel boundaries. Required levels of protection and restrictions on certain activities increase for boundaries closer to the wellhead.

The DRASTIC Model was developed by EPA with the National Water Well Association. It provides a basis for evaluating the vulnerability to pollution of groundwater resources based on the hydrogeologic parameters of depth to groundwater, net recharge, aquifer media, soil media, topography, the vadose zone, and hydraulic conductivity. The DRASTIC rating for this area is 180 to 199, which is defined as highly susceptible to groundwater contamination, and covers most of the City of Fife (City of Fife 2016). These ratings safeguard groundwater resources and wellhead protection areas by requiring mitigation or precluding future discharges of contaminants from new land use activities.

King County developed a rating system to define areas highly susceptible to groundwater contamination and critical aquifer recharge areas using the Areas Susceptible to Ground Water Contamination (ASGWC) data set and shape files, which were created from the ASGWC95 data set by adding Vashon data that the county received from the University of Washington. The rating system considers the hydrologic parameters of surficial geology, soil types, and depth to groundwater, which are then combined in a matrix to determine final susceptibility. King County uses the ASGWC data set to map the areas highly susceptible to groundwater contamination and areas critical to aquifer recharge in order to protect the health and well-being of its residents who rely on groundwater for drinking, and to ensure enough groundwater replenishes streams, lakes, and wetlands to support fish and wildlife in the future.

The entire Fife Segment, from the crossing of the mainstem of Hylebos Creek to the Puyallup River levee, has high potential for contamination of groundwater. The alternatives in the Fife Segment would not cross any wellhead buffers or their respective 10-year time of travel areas. The wellhead buffer refers to the 10-year time of travel, which is the amount of time it would take contamination to reach the wellhead from the specified area surrounding a particular wellhead. There are no sole source aquifers located in the study area for the Fife Segment, as designated by the EPA.

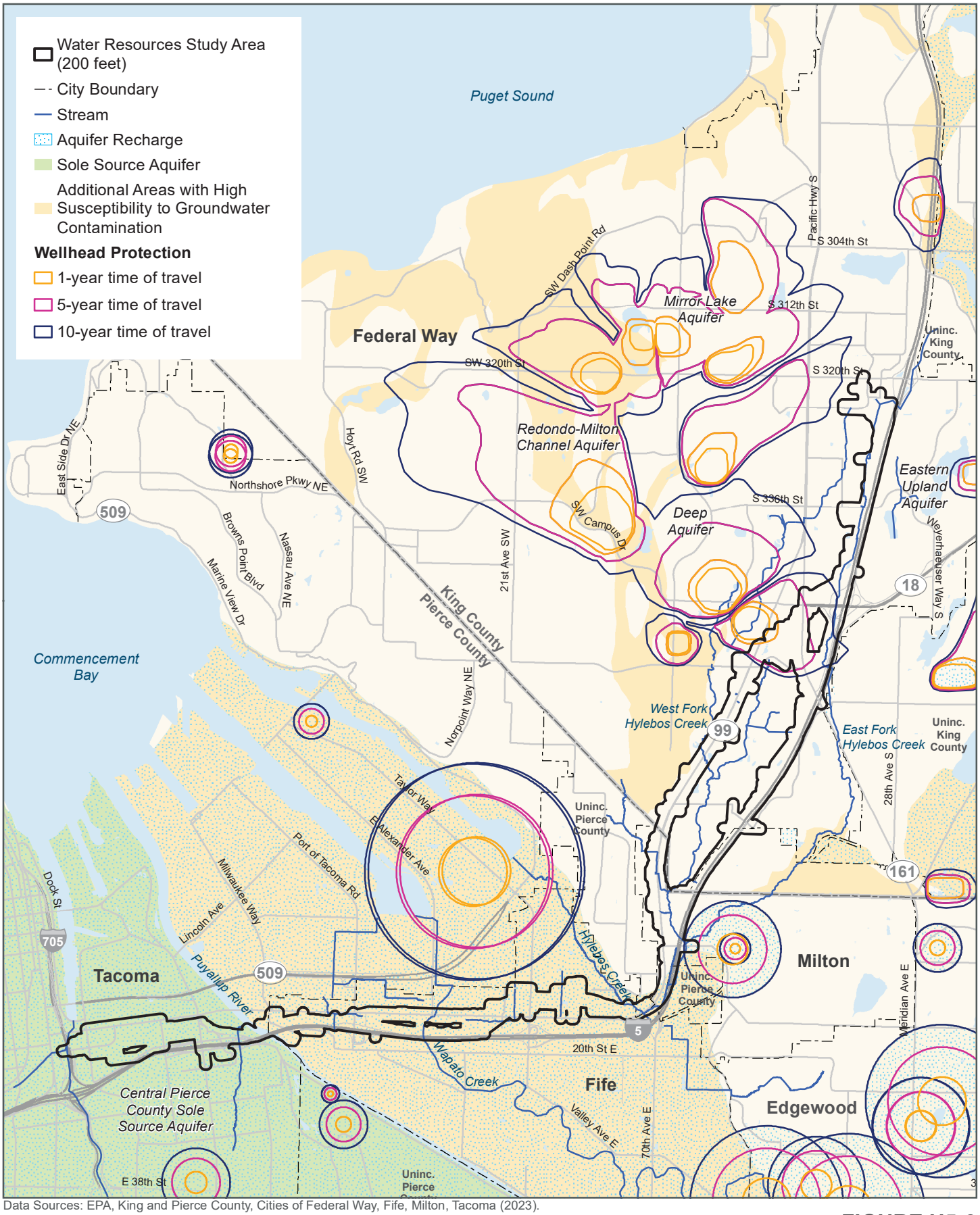

Data Sources: EPA, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE H5-6
Water Resources
Groundwater Resources
Tacoma Dome Link Extension

3.5 Stormwater Runoff

The land and soil that stormwater runoff travels across influences the water quality and hydraulics in the natural waterbodies that it flows into. This section discusses factors influencing stormwater runoff in the study area.

3.5.1 Soil Type

Soils within the study area are categorized into hydrologic soil groups based on physical and runoff characteristics. These soil categories can be used along with land use and hydrologic condition considerations to determine an associated runoff curve number and ultimately estimate runoff and infiltration capacities for planning and management practices. Soil Types A and B have moderate to high infiltration potential, and moderate to low runoff potential, respectively, making them generally compatible with a variety of low-impact development approach stormwater facilities. Type C soils are not compatible with stormwater management facilities that rely on infiltration of surface waters, which includes many low-impact development approaches. (USDA NRCS 2007). Table H5-2 summarizes the hydrologic soil group for each soil type in the study area. Soil locations are shown on Figure H5-7. (USDA NCRS 2007, 2022a, 2022b, 2022c).

3.5.2 Land Uses

The study area for the proposed project is a mixture of residential, commercial, light industrial, and vegetated areas. The impervious surfaces in the study area are mix of pollution-generating roadway and parking areas and non-pollution-generating surfaces (NPGIS), including roofs, sidewalks, and stormwater ponds (considered impervious during rain events, when filled with water).

The study area in the Federal Way and South Federal Way segments is urbanized, with approximately 50 percent impervious surface cover under existing conditions. These study areas have a mix of residential, commercial, industrial, and recreational land use types. In the Fife Segment, the study area is approximately 60 percent impervious surface cover, with a mix of residential, commercial, industrial, and agricultural land use types. The study area in the Tacoma Segment has approximately 80 percent impervious surface cover in its existing condition, which is highly urbanized, with a mix of developed lands that include commercial, industrial, and Tribal uses.

The SR 167 Completion Project Phase 1 Improvements began in early 2020 and overlaps with the study area of the TDLE project within Pierce County in the cities of Fife and Milton, as well as portions of unincorporated Pierce County and Tacoma. Improvements include an approximately 2-mile highway section from SR 509 near the Port of Tacoma to I-5 and SR 167 at the interchange near 70th Avenue (FHWA 2018). These changes could be expected to reduce agricultural land use and convert them to roadway, which could be expected to increase the amount of impervious surface in the existing condition as the TDLE project progresses.

3.5.3 Stormwater Management

In the study area, most of the surface stormwater is collected by piped municipal systems along all three segments of the corridor. The systems in the study area include features such as stormwater pipes and roadside ditches, media filter drains, regional detention ponds, and vaults. Stormwater drainage systems are discussed in Section 4.15, Utilities.

Table H5-2 Study Area Soils by Hydrologic Soil Group

Map Code	Soil Description
Hydrologic Soil Group A: High Infiltration	
31A	Puyallup Fine Sandy Loam; 0 to 3 percent slopes
AgD	Alderwood Gravelly Sandy Loam 6 to 15 percent slopes
EvC	Everett Gravelly Sandy Loam: 8 to 15 percent slopes
No	Norma Sandy Loam
Hydrologic Soil Group B: Moderate Infiltration	
1C	Alderwood Gravelly Sandy Loam: 6 to 15 percent slopes
6A	Briscot Loam; 0-2 percent slopes
AgB	Alderwood Gravelly Sandy Loam; 6 to 15 percent slopes
AgC	Alderwood Gravelly Sandy Loam; 6 to 15 percent slopes
AmB	Arrents Alderwood Material; 0 to 6 percent slopes
AmC	Arrents Alderwood; 6 to 15 percent slopes
EwC	Everett Alderwood Gravelly Sandy Loam; 6 to 15 percent slopes
Hydrologic Soil Group C: Low Infiltration	
20B	Kitsap Silt Loam; 2 to 8 percent slopes
20C	Kitsap Silt Loam; 8 to 15 percent slopes
20D	Kitsap Silt Loam; 15 to 30 percent slopes
30A	Puget Silty Clay Loam; less than 2 percent slopes
42A	Sultan Silt Loam; less than 2 percent slopes
43A	Tacoma Silt Loam; 0 to 1 percent slopes
Bh	Bellingham Silt Loam
KpB	Kitsap Silt Loam; Kitsap Silt Loam; 2 to 8 percent slopes
KpD	Kitsap Silt Loam; 15 to 30 percent slopes
Hydrologic Soil Group D: Wet Soils	
6A	Briscot Loam; 0-2 percent slopes
37A	Semiahmoo Muck; 0 to 1 percent slopes
45A	Tisch Silt; 0 to 1 percent slopes
Sm	Shalcar Muck
Other	
48A	Xerorthents, fill area, artificial or industrial in nature.
Ur	Urban Land

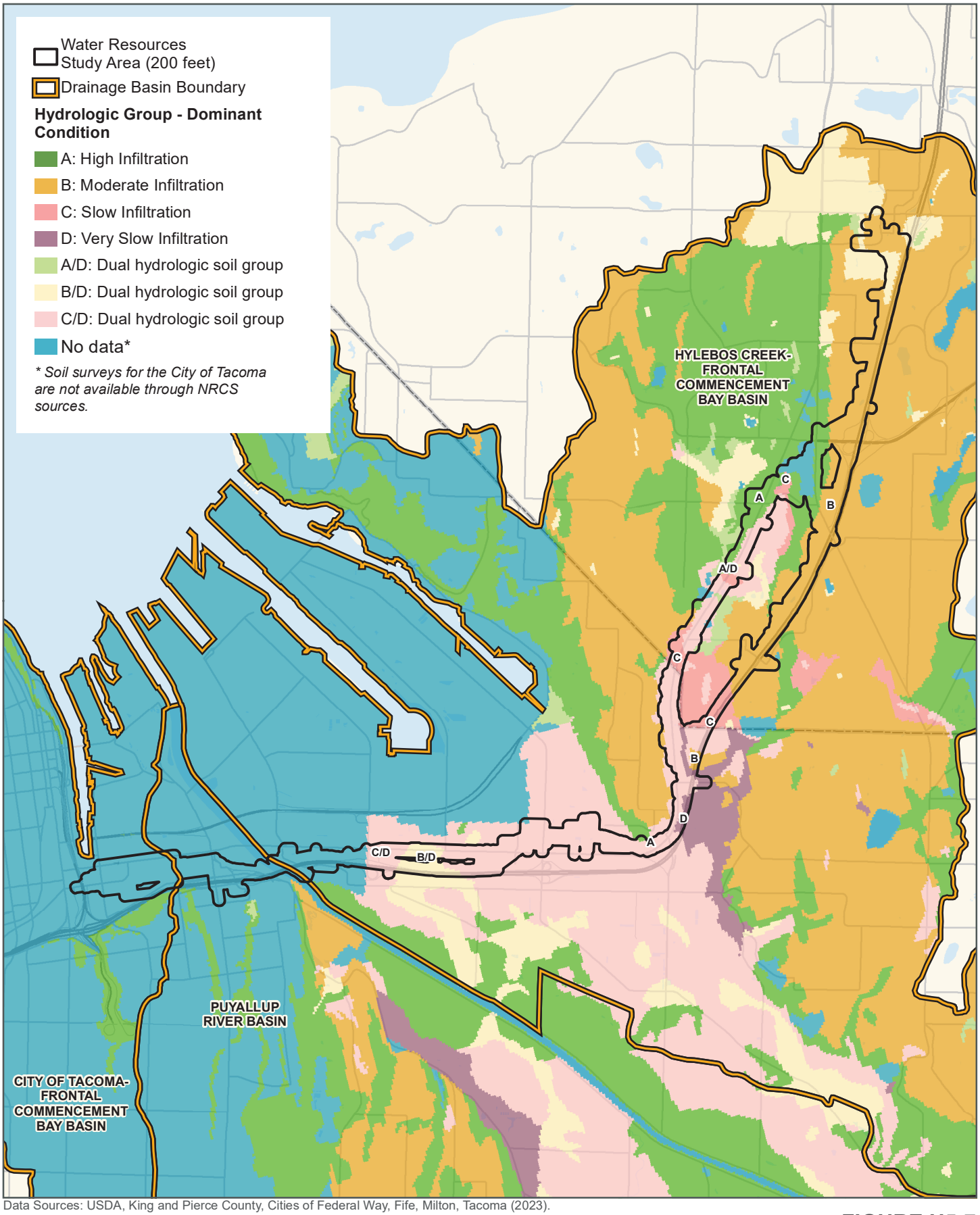

Data Sources: USDA, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE H5-7
Water Resources
Hydrologic Soil Groups
Tacoma Dome Link Extension

3.6 Sea Level Rise

Relative sea level rise elevations have been based on work from the University of Washington Climate Impacts Group in support of the Washington Coastal Hazards Resilience Network (WCHRN). The 2018 WCHRN study provides a range of relative sea level rise for the Tacoma area (WCHRN 2018). The City of Fife is also evaluating climate change and sea level rise within its jurisdiction and has plans to conduct a climate change vulnerability assessment to guide the city's update of the comprehensive plan and shoreline regulations. Sound Transit is also developing a Climate Change Vulnerability Assessment to further evaluate risks to the project from sea level rise.

Using the WCHRN tools developed as part of the 2018 work (Figure H5-8; WCHRN 2024), relative sea level in the study area is forecasted to rise by approximately 3 to 4 feet higher than current elevations, based on average estimates available at the time of preparing this Draft EIS. Based on the current project schedule and a design horizon of approximately 100 years for the major structural components, a projection year of 2140 is used. The estimate of 3 to 4 feet of relative sea level rise is based on the low to high (greenhouse gas) representative concentration pathway for the 50 percent exceedance. This information helps inform the Draft EIS, though Sound Transit will identify final data to include as part of the future design process.

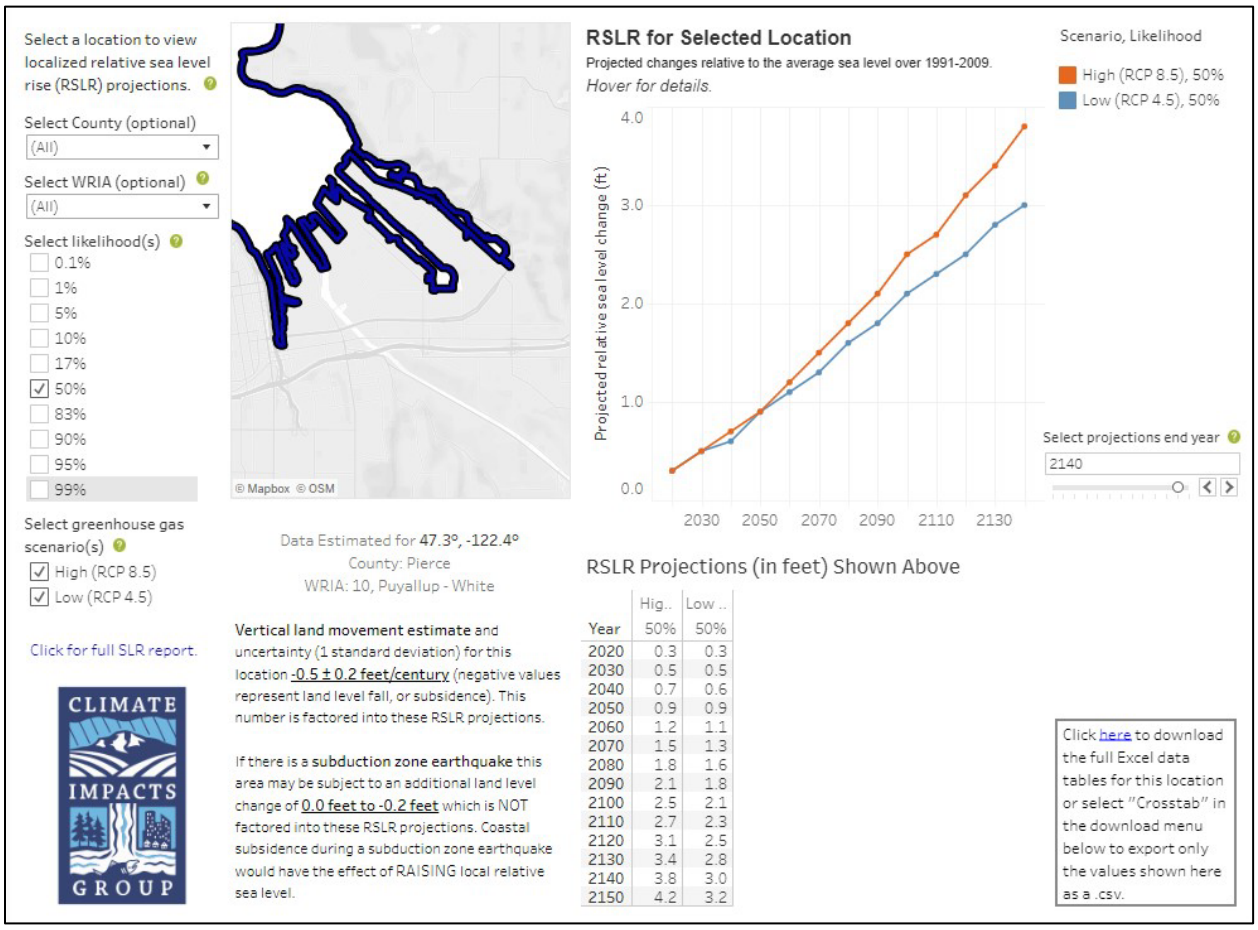

Note: RSLR is relative sea level rise; RCP is representative concentration pathway (a projection of greenhouse gas emissions); WRIA is Water Resource Inventory Area. (Data source: Washington Coastal Hazards Resilience Network 2024)

Figure H5-8 Sea Level Rise Background Data

4 LONG-TERM IMPACTS ANALYSIS

This appendix is intended to provide supplemental information and background to support the primary discussion of the potential impacts to water resources in the project study area that are discussed in Section 4.8, Water Resources, of the Draft EIS.

4.1 Comparison of Alternatives

The following tables display the geographic information system analyses that were performed to serve as the basis for qualitative and quantitative reviews of alternative impacts to water resources. Tables H5-3 and H5-4 analyze the potential impacts of each segment related to the amount of at-grade versus elevated structures. Table H5-5 analyzes the potential impacts of each segment related to the project area footprint of each stream crossing. Figures H5-9 through H5-12 display the study area surface water features of each segment to aid the impacts analysis.

- Use of at-grade versus elevated structures: At-grade sections are considered to have a greater impact than elevated sections of the guideway structures because they tend to have a slightly wider footprint, result in more impervious surface, have greater potential to directly conflict with municipal stormwater management facilities, and require more alteration of surface grade areas and flow paths.
- Stream crossings: All stream and buffer crossings would be elevated, but construction in and around stream buffers would reduce buffer quality through the removal of trees and other native vegetation. The impacts have been rated in relation to the area of the permanent environmental footprint for all areas that cross into the stream buffers, which includes delineated stream buffers. A larger project footprint in the stream buffer could indicate a greater potential for stream and riparian impacts. The footprint area scale is small (0 to 1 acre), moderate (1 to 2 acres), and large (greater than 2 acres) and then indicated as smallest or largest among the segment alternatives for comparison where relevant.

Table H5-3 At-Grade vs Elevated Structure Analysis for Each Alternative

Alternative	At-Grade Mileage[1]	At-Grade[1] %	Elevated Mileage	Elevated %	Total Mileage
Federal Way Segment					
FW Enchanted Parkway[2] with or without FW Design Option	0.59	39.1%	0.92	60.9%	1.51
South Federal Way Segment					
SF Enchanted Parkway	0.53	13.3%	3.47	86.7%	4.00
SF I-5	0.39	10.0%	3.47	90.0%	3.86
SF 99-West	0.00	0.0%	4.09	100.0%	4.09
SF 99-West with Porter Way Design Option	0.00	0.0%	4.10	100.0%	4.10
SF 99-East	0.00	0.0%	4.06	100.0%	4.06
SF 99-East with Porter Way Design Option	0.00	0.0%	4.08	100.0%	4.08
Fife Segment					
Fife Pacific Highway	0.00	0.0%	2.89	100.0%	2.89
Fife Pacific Highway with 54th Avenue or 54th Span Design Option	0.00	0.0%	2.90	100.0%	2.89
Fife Median	0.00	0.0%	2.89	100.0%	2.89
Fife Median with 54th Avenue or 54th Span Design Option	0.00	0.0%	2.89	100.0%	2.89
Fife I-5	0.00	0.0%	2.94	100.0%	2.94
Fife I-5 with 54th Avenue or 54th Span Design Option	0.00	0.0%	2.94	100.0%	2.94
Tacoma Segment					
Preferred Tacoma 25th Street-West	0.00	0.0%	1.40	100.0%	1.40
Tacoma 25th Street-East	0.00	0.0%	1.30	100.0%	1.30
Tacoma Close to Sounder	0.31	22.3%	1.08	77.7%	1.39
Tacoma 26th Street	0.29	19.2%	1.24	80.8%	1.53

Notes:
(1) At-Grade mileage includes retained cut/fill mileage. Retained cut/fill mileage was not noted separately in previous versions.
(2) The FW Enchanted Parkway Alternative is expected to have similar levels of impact with or without the FW Design Option. The FW Design Option is less than 0.05 mile shorter than FW Enchanted Parkway Alternative. Also, the elevated mileage for FW Design Option adds approximately 0.1 mile to FW Enchanted Parkway Alternative.

Table H5-4 At-Grade vs Elevated Mileage Analysis for End-to-End Alternative Combinations[1]

	SF Enchanted Parkway/Fife I-5/Tacoma 25th Street-West	SF Enchanted Parkway/Fife I-5/Tacoma 25th Street-East	SF Enchanted Parkway/Fife I-5/Tacoma Close to Sounder	SF Enchanted Parkway/Fife I-5/Tacoma 26th Street	SF I-5/Fife I-5/Tacoma 25th Street-West	SF I-5/Fife I-5/Tacoma 25th Street-East	SF I-5/Fife I-5/Tacoma Close to Sounder	SF I-5/Fife I-5/Tacoma 26th Street
At-Grade	1.12	1.12	1.43	1.41	1.12	1.12	1.43	1.42
Elevated	8.73	8.62	8.42	8.58	8.74	8.62	8.42	8.57
Total	9.85	9.74	9.85	9.99	9.86	9.74	9.85	9.99
At-Grade %	11%	12%	15%	14%	11%	12%	15%	14%
Elevated %	89%	88%	85%	86%	89%	88%	85%	86%
	SF Enchanted Parkway/Fife Pacific Highway OR Median/Tacoma 25th Street-West	SF Enchanted Parkway/Fife Pacific Highway OR Median/Tacoma 25th Street-East	SF Enchanted Parkway/Fife Pacific Highway OR Median/Tacoma Close to Sounder	SF Enchanted Parkway/Fife Pacific Highway OR Median/Tacoma 26th Street	SF I-5/Fife Pacific Highway OR Median/Tacoma 25th Street-West	SF I-5/Fife Pacific Highway OR Median/Tacoma 25th Street-East	SF I-5/Fife Pacific Highway OR Median/Tacoma Close to Sounder	SF I-5/Fife Pacific Highway OR Median/Tacoma 26th Street
At-Grade	1.12	1.12	1.43	1.42	0.98	0.98	1.29	1.27
Elevated	8.69	8.57	8.37	8.52	8.69	8.57	8.37	8.53
Total	9.81	9.69	9.80	9.94	9.67	9.55	9.66	9.80
At-Grade %	11%	12%	15%	14%	10%	10%	13%	13%
Elevated %	89%	88%	85%	86%	90%	90%	87%	87%
	SF 99-West OR East/Fife I-5/Tacoma 25th Street-West	SF 99-West OR East/Fife I-5/Tacoma 25th Street-East	SF 99-West OR East/Fife I-5/Tacoma Close to Sounder	SF 99-West OR East/Fife I-5 /Tacoma 26th Street	SF 99-West OR East/Fife Pacific Highway OR Median/ Tacoma 25th Street-West	SF 99-West OR East/Fife Pacific Highway OR Median/ Tacoma 25th Street-East	SF 99-West OR East/Fife Pacific Highway OR Median/ Tacoma Close to Sounder	SF 99-West OR East/Fife Pacific Highway OR Median/Tacoma 26th Street
At-Grade	0.59	0.59	0.90	0.89	0.59	0.59	0.90	0.89
Elevated	9.35	9.23	9.03	9.18	9.30	9.18	8.98	9.13
Total	9.94	9.82	9.93	10.07	9.89	9.77	9.88	10.02
At-Grade %	6%	6%	9%	9%	6%	6%	9%	9%
Elevated %	94%	94%	91%	91%	94%	94%	91%	91%

Notes:

(1) All combinations include the FW Enchanted Parkway Alternative, which is expected to have similar levels of impact with or without the FW Design Option. The FW Design Option is less than 0.05 mile shorter than FW Enchanted Parkway Alternative. Also, the elevated mileage for FW Design Option adds approximately 0.1 mile to FW Enchanted Parkway Alternative.

(2) For the SF 99-West or SF 99-East alternatives, the mileage uses the average of both alignments and the design option. Difference in mileage between these alignments are +/- 0.015 mile.

(3) Fife Pacific Highway or Median alternative, mileage is the average of both alignments and design options. Difference in mileage between these combinations are +/- 0.003 mile.

(4) Fife I-5 Alternative mileage is the average of the alignment and design options. Difference in mileage between these combinations are +/- 0.01 mile.

(5) All Tacoma Alternatives include the Portland Avenue Station in their calculations.

Table H5-5 Stream Crossing Area Analysis by Alternative[1]

(Overwater Structure Area)[2]

Alternative	East Fork Hylebos Creek Tributary 0016A	Erdahl Ditch Tributary 1	Erdahl Ditch Tributary 2	Fife Ditch	Fife Ditch Tributary 1	Hylebos Creek	SFW-01	SFW-02	SFW-03	SFW-04	SMI-01	SMI-02	SMI-03	Wapato Creek	West Fork Hylebos Creek	Puyallup River	Total
Federal Way Segment																	
Preferred FW Enchanted Parkway	113,200 (12,600)																**113,200 (12,600)**
Preferred FW Enchanted Parkway with Design Option	137,700 (13,600)																**137,700 (13,600)**
South Federal Way Segment																	
SF Enchanted Parkway	15,900 (1,400)					20,900 (900)	2,300 (0)				69,500 (0)				24,200 (1,500)		**132,800 (3,800)**
SF I-5	156,900 (12,900)					20,900 (900)	2,300 (0)				69,500 (0)				24,200 (1,500)		**273,800 (15,300)**
SF 99-West	20,400 (1,200)					20,900 (900)		4,200 (600)	14,100 (0)		41,900 (<100)	1,000 (0)	25,000 (<100)		49,900 (700)		**177,400 (3,600)**
SF 99-West with Porter Way Design Option	20,400 (1,200)					20,900 (900)		4,200 (600)	14,100 (0)		45,900 (0)	14,600 (300)	25,000 (<100)		79,000 (5,500)		**224,100 (8,600)**
SF 99-East	20,400 (1,200)					20,900 (900)			30,000 (300)	8,400 (<100)	41,900 (<100)	6,600 (200)	23,300 (<100)		49,500 (400)		**201,000 (3,300)**
SE 99-East with Porter Way Design Option	20,400 (1,200)					20,900 (900)			30,000 (300)	8,400 (<100)	45,900 (0)	14,600 (300)	23,300 (<100)		79,300 (5,200)		**242,800 (8,100)**
Fife Segment[3]																	
Fife Pacific Highway/ Median		28,900 (2,700)	11,600 (0)	5,900 (4,100)	30,900 (5,500)	3,100 (0)								3,200 (<100)		9,100 (0)	**92,700 (12,400)**
Fife Pacific Highway/ Median with 54th Avenue Design Option		28,900 (2,700)	11,600 (0)	33,700 (11,500)	6,600 (700)	3,100 (0)								3,200 (<100)		9,100 (0)	**96,200 (15,000)**
Fife Pacific Highway/Median with 54th Span Design Option		28,900 (2,700)	11,600 (0)	34,000 (11,700)	4,400 (800)	3,100 (0)								3,200 (<100)		9,100 (0)	**94,300 (15,300)**
Fife I-5			7,800 (0)	29,200 (4,100)	30,900 (5,500)	3,100 (0)								6,600 (3,000)		9,100 (0)	**86,700 (12,600)**
Fife I-5 with 54th Avenue Design Option			7,800 (0)	56,500 (11,500)	6,600 (700)	3,100 (0)								6,600 (3,000)		9,100 (0)	**89,700 (15,200)**
Fife I-5 with 54th Span Design Option			7,800 (0)	56,600 (11,500)	4,400 (800)	3,100 (0)								6,600 (3,000)		9,100 (0)	**87,600 (15,300)**
Tacoma Segment																	
Preferred Tacoma 25th Street-West																33,100 (17,100)	**33,100 (17,100)**
Tacoma 25th Street-East																33,100 (17,100)	**33,100 (17,100)**
Tacoma Close to Sounder																33,100 (17,000)	**33,100 (17,000)**
Tacoma 26th Street																33,100 (17,100)	**33,100 (17,100)**

Notes:
(1) The stream crossing footprint areas are calculated using permanent footprint for each alternative, including overwater structure and extent of the defined stream buffers. All values are presented in square feet, rounded up to the nearest 100
(2) The values in parentheses indicate the portion of the stream crossing area that is overwater structure. All values are presented in square feet.
(3) The Fife Segment includes elements up to the northeast levee bank of the Puyallup River. Impacts from the Puyallup River crossing have been attributed to the Tacoma Segment.

Assumptions:
- Ordinary High Water Mark (OHWM) for open channel streams and ditches were generally developed through field delineation/estimation. Where no OHWM delineation existed, the values were extrapolated from streams or ditches with similar characteristics within the relevant jurisdiction.
- Stream buffer crossing footprints exclude the areas which overlap with existing impervious surfaces.
- To evaluate the potential impacts of the alternatives on riparian areas, the stream buffer widths indicated per Federal Way Municipal Code 19.145.270 (Revised October 15, 2019), Milton Municipal Code 18.16.640(D), Tacoma Municipal Code 13.11.420, Fife Municipal Code 17.15.050, and/or Pierce County Code 18E.40.60 were assumed as designated by the applicable local jurisdictions. Per Fife Municipal Code 17.15.050, the widths of buffers on streams are to be determined by the community development director on a case-by-case basis. To evaluate the potential impacts, these buffer widths were based on the corresponding stream types in the Milton Municipal Code. The Puyallup Tribe of Indians has jurisdiction over the Puyallup River as well. (See Table J4.3-1 in the Ecosystems Technical Report for additional stream classification details).
- Pier-supported bridge option analyzed separately. Overall, the highest impacts could be expected from placement of in-water piers.

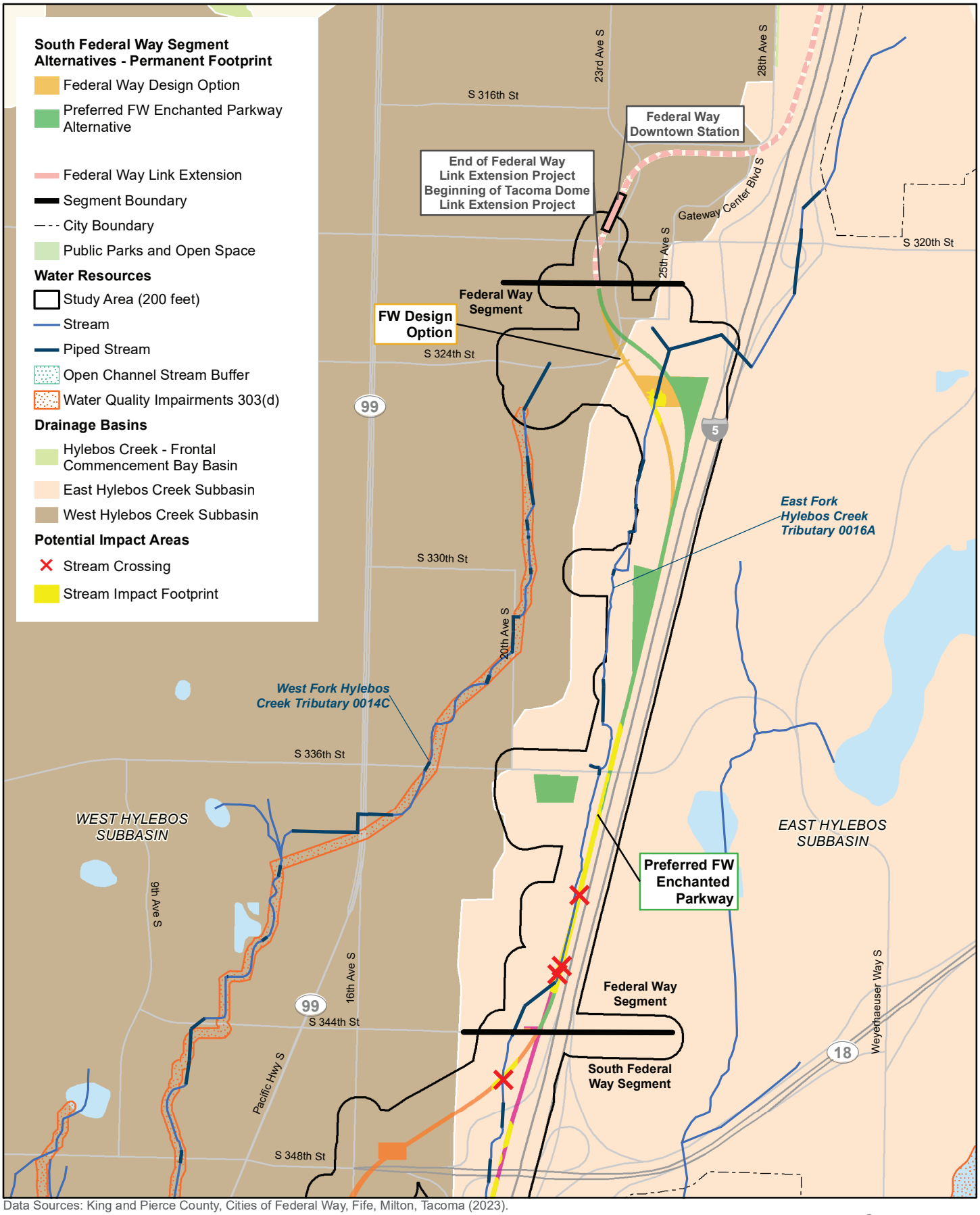

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H5-9
Surface Water Impact Analysis:
Federal Way Segment

Tacoma Dome Link Extension

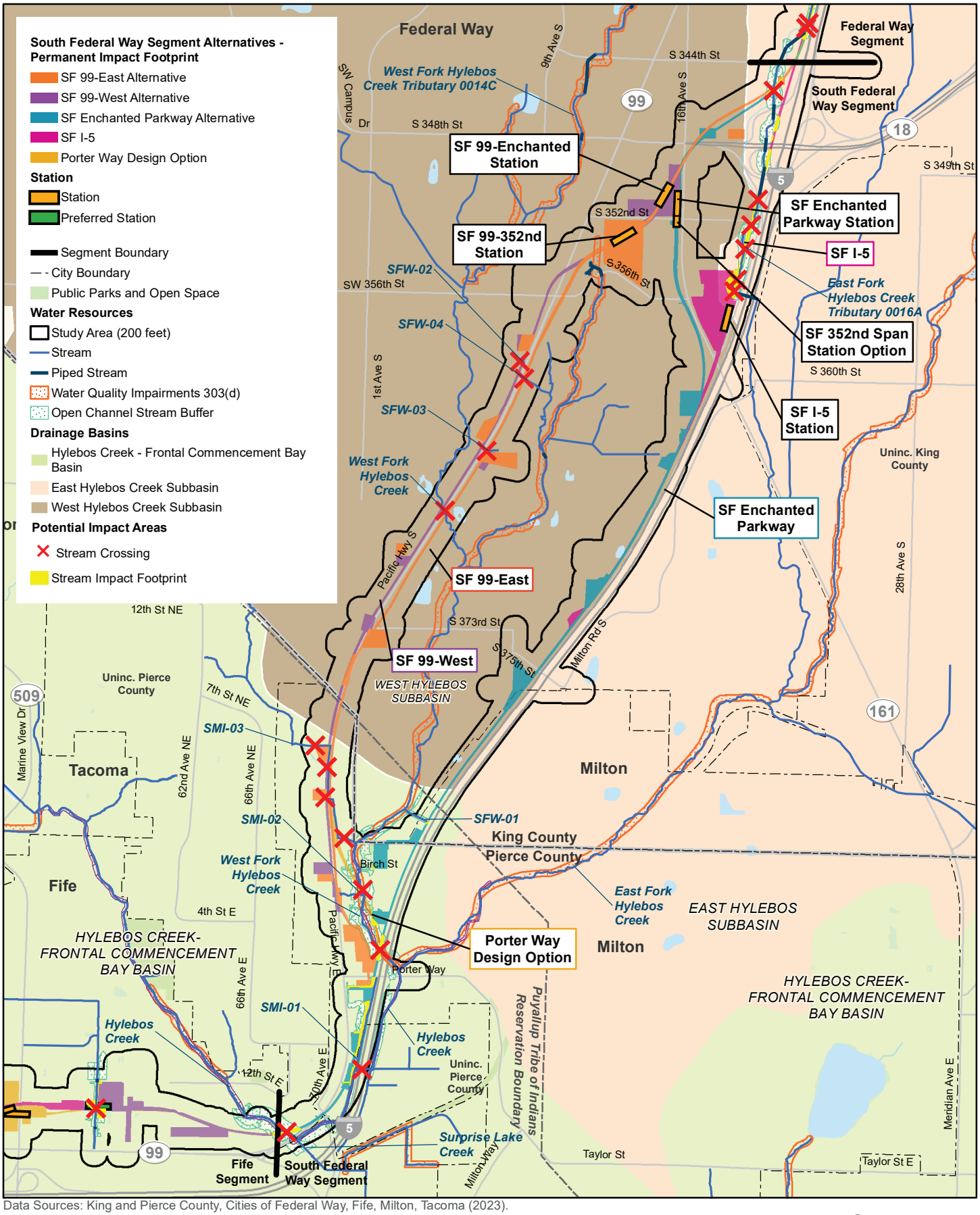

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H5-10

Surface Water Impact Analysis: South Federal Way Segment

Tacoma Dome Link Extension

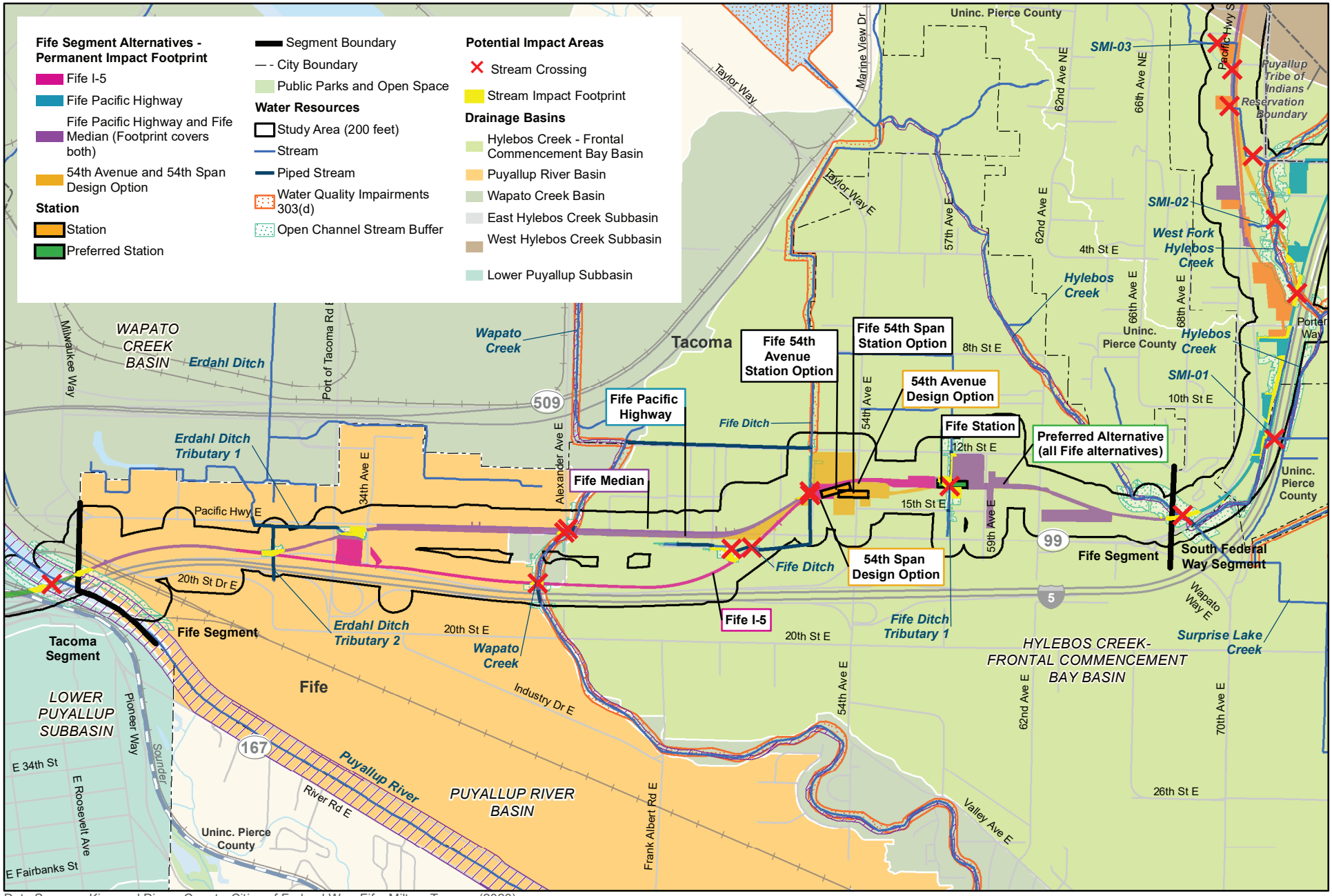

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H5-11
Surface Water Impacts Analysis: Fife Segment

Tacoma Dome Link Extension

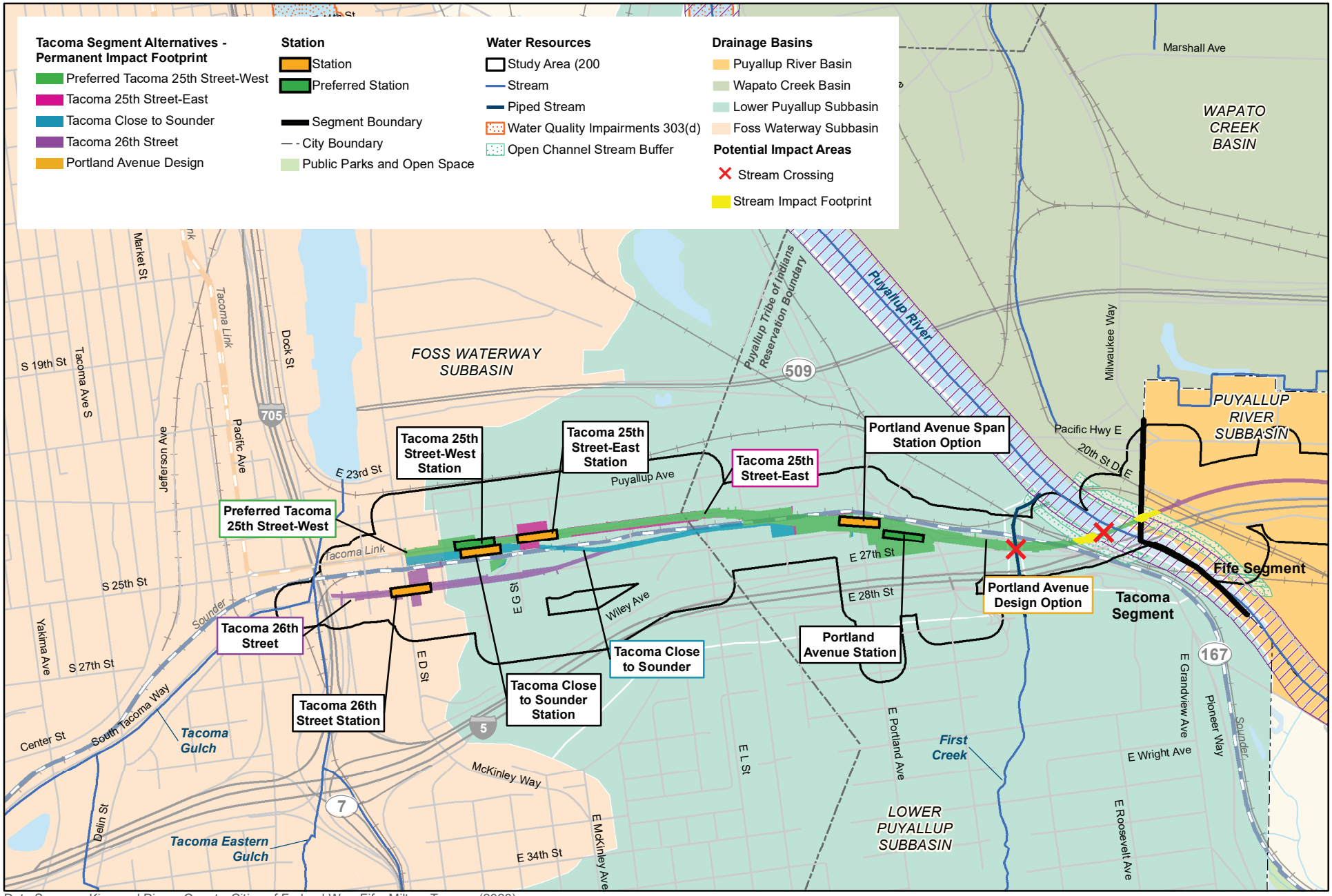

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H5-12
Surface Water Impacts Analysis: Tacoma Segment

Tacoma Dome Link Extension

4.2 Impervious Surface Changes

A quantitative estimate of proposed impervious surface was calculated within the permanent impact footprint along each alternative alignment and the proposed light rail stations (see Figures H5-13 through H5-26). Previous versions included all land cover in 200-ft study area around project elements. NPGIS as defined for this analysis includes light rail tracks, guideways,[1] stations, sidewalks, rooftops, and stormwater ponds (considered impervious during rain events, when filled with water), while pollution-generating impervious surface (PGIS) includes parking, bus areas, and roads. These surfaces are associated with an increase in runoff volumes, which may increase flooding and flow frequencies. Impervious surfaces subject to pollution-generating activities have the potential to accumulate contaminants that can be transported by stormwater runoff into receiving water bodies. The increased flow volumes and water quality impairments can contribute to stream erosion and aquatic habitat degradation. Table H5-6 compares the amount of new impervious surface created by the project for each alternative in the Federal Way, Fife, and Tacoma segments with existing conditions.

For all alternatives, an optional Portland Avenue bike and pedestrian bridge is also being considered that would connect the Portland Avenue Station or the Portland Avenue Span Station Option to the neighborhoods and Puyallup Tribe of Indians facilities on the south side of I-5 (Figures H5-27 and H5-28). It would be an impervious surface but built above existing impervious surfaces, such as roadways, sidewalks, and developed areas. It would also be non-pollution generating. Therefore, this optional bridge is not expected to result in changes in runoff and has not been included in the impervious surface calculations for the alternatives.

[1] Sound Transit and the Washington State Department of Ecology entered into a Memorandum of Understanding dated December 9, 2019, in which Sound Transit agreed to conduct a study to characterize the quality of the stormwater discharged from light rail guideway. The data and analysis from the study will be used to inform the design of light rail projects that are scheduled in the Sound Transit 3 Plan to be completed between 2030 and 2041, and, as necessary, Sound Transit will identify all known, available, and reasonable methods of prevention, control, and treatment (abbreviated as AKART) to define light-rail specific best management practices.

Table H5-6 Existing and Proposed Impervious Surfaces[1]

Alternative	Existing Conditions (Acres)				Proposed Conditions (Acres)				Change (Acres)		
	Impervious (Non-Pollution Generating)[2]	Impervious (Pollution Generating)[3,4]	Pervious Surfaces	Grand Total	Impervious (Non-Pollution Generating)[2]	Impervious (Pollution Generating)[3,4]	Pervious Surfaces	Grand Total	Impervious (Non-Pollution Generating)[2]	Impervious (Pollution Generating)[3,4]	Pervious
Federal Way Segment											
Preferred FW Enchanted Parkway	2	3	11	16	8	8	0	16	+6	+5	-11
FW Enchanted Parkway with Design Option	3	3	13	19	8	11	0	19	+5	+8	-13
South Federal Way Segment											
SF Enchanted Parkway	2	17	26	45	21	24	0	45	+19	+7	-26
SF I-5	2	14	34	50	21	29	0	50	+19	+15	-34
SF 99-West	3	18	29	50	21	29	0	50	+18	+11	-29
SF 99-West with Porter Way Design Option	1	17	27	45	21	25	0	46	+20	+8	-27
SF 99-East	3	18	33	54	21	33	0	54	+18	+15	-33
SF 99-East with Porter Way Design Option	2	16	32	50	21	30	0	51	+19	+14	-32
Fife Segment											
Fife Pacific Highway/Median	3	19	15	37	16	21	0	37	+13	+2	-15
Fife Pacific Highway/Median 54th Avenue Design Option	4	22	14	40	15	25	0	40	+11	+3	-14
Fife Pacific Highway/Median 54th Span Design Option	5	23	14	42	15	27	0	42	+10	+4	-14
Fife I-5	2	13	17	32	16	16	0	32	+14	+3	-17
Fife I-5 54th Avenue Design Option	3	14	15	32	15	17	0	32	+12	+3	-15
Fife I-5 54th Span Design Option	4	15	15	34	15	19	0	34	+11	+4	-15
Tacoma Segment											
Preferred Tacoma 25th Street-West	2	15	4	21	7	14	0	21	+5	-1	-4
Tacoma 25th Street-East	3	14	3	21	7	14	0	21	+4	0	-3
Tacoma Close to Sounder	3	11	4	18	7	12	0	19	+4	+1	-4
Tacoma 26th Street	2	13	5	20	9	12	0	21	+7	-1	-5

Sources: Existing land cover: TDLE corridor survey lines (project data, 2018); aerial imagery (project data, 2017 and 2019 where available); impervious surface raster data (King County 2015). Proposed land cover: TDLE CAD design lines (June 2020); station plans (Nov 2019).

Notes:

(1) Previous version included all land cover in 200-ft study area around project elements; similar to OMFS analysis, analysis for this version only covers permanent impact footprint.

(2) Non-pollution-generating impervious surface as defined for this analysis includes light rail tracks, guideways, and stations, sidewalks, and rooftops.

(3) Pollution-generating impervious surface includes parking, bus areas, and roads. Sound Transit and the Washington State Department of Ecology entered into a Memorandum of Understanding dated December 9, 2019, in which Sound Transit agreed to conduct a study to characterize the quality of the stormwater discharged from light rail guideway. The data and analysis from the study will be used to inform the design of light rail projects that are scheduled in the Sound Transit 3 Plan to be completed between 2030 and 2041, and, as necessary, Sound Transit will identify all known, available, and reasonable methods of prevention, control, and treatment (abbreviated as AKART) to define light-rail specific best management practices.

(4) Stormwater ponds were included in previous versions as NPGIS, but are removed from this analysis (assumed to be PGIS).

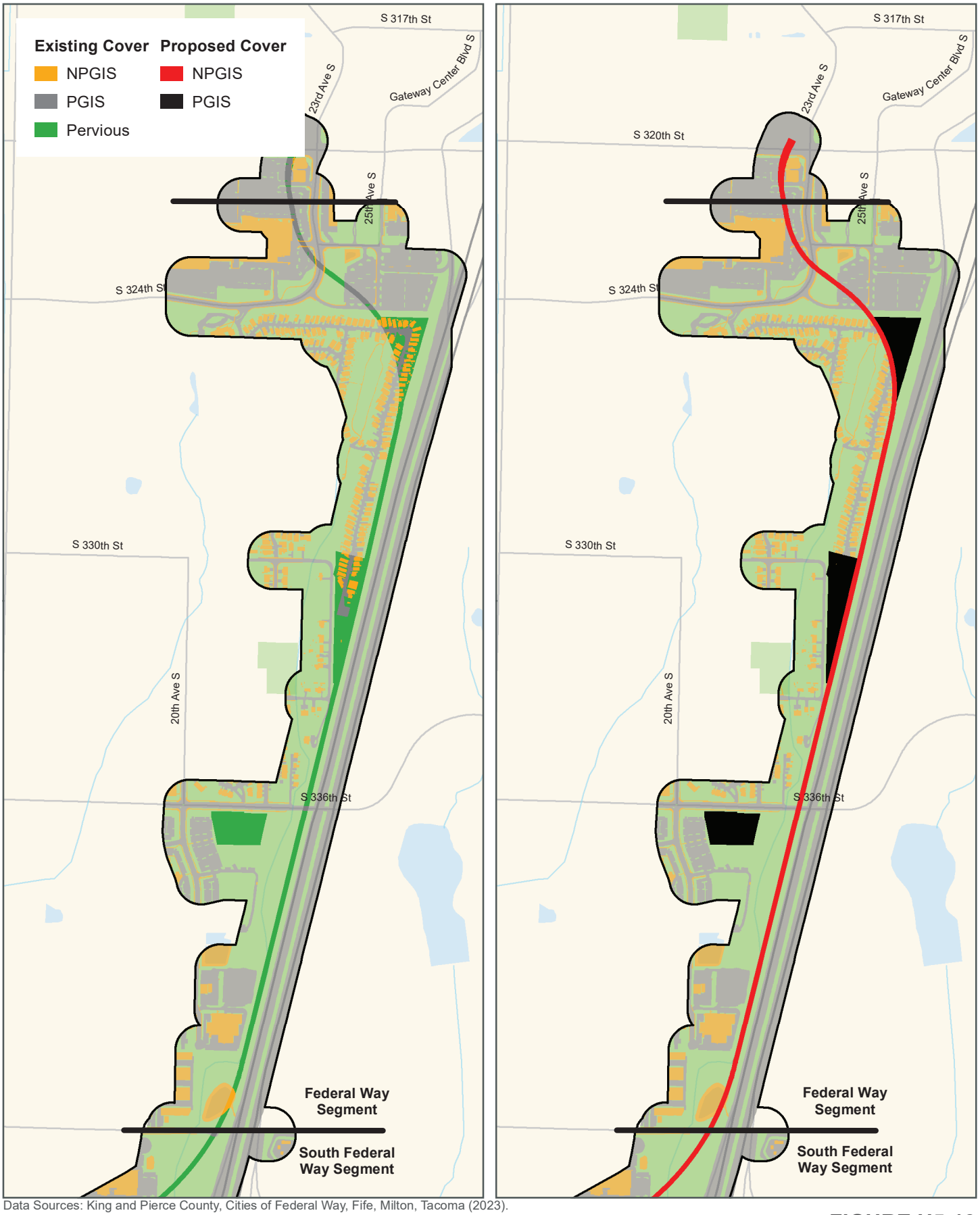

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-13
FW Enchanted Parkway Existing and Proposed Impervious Surfaces
Tacoma Dome Link Extension

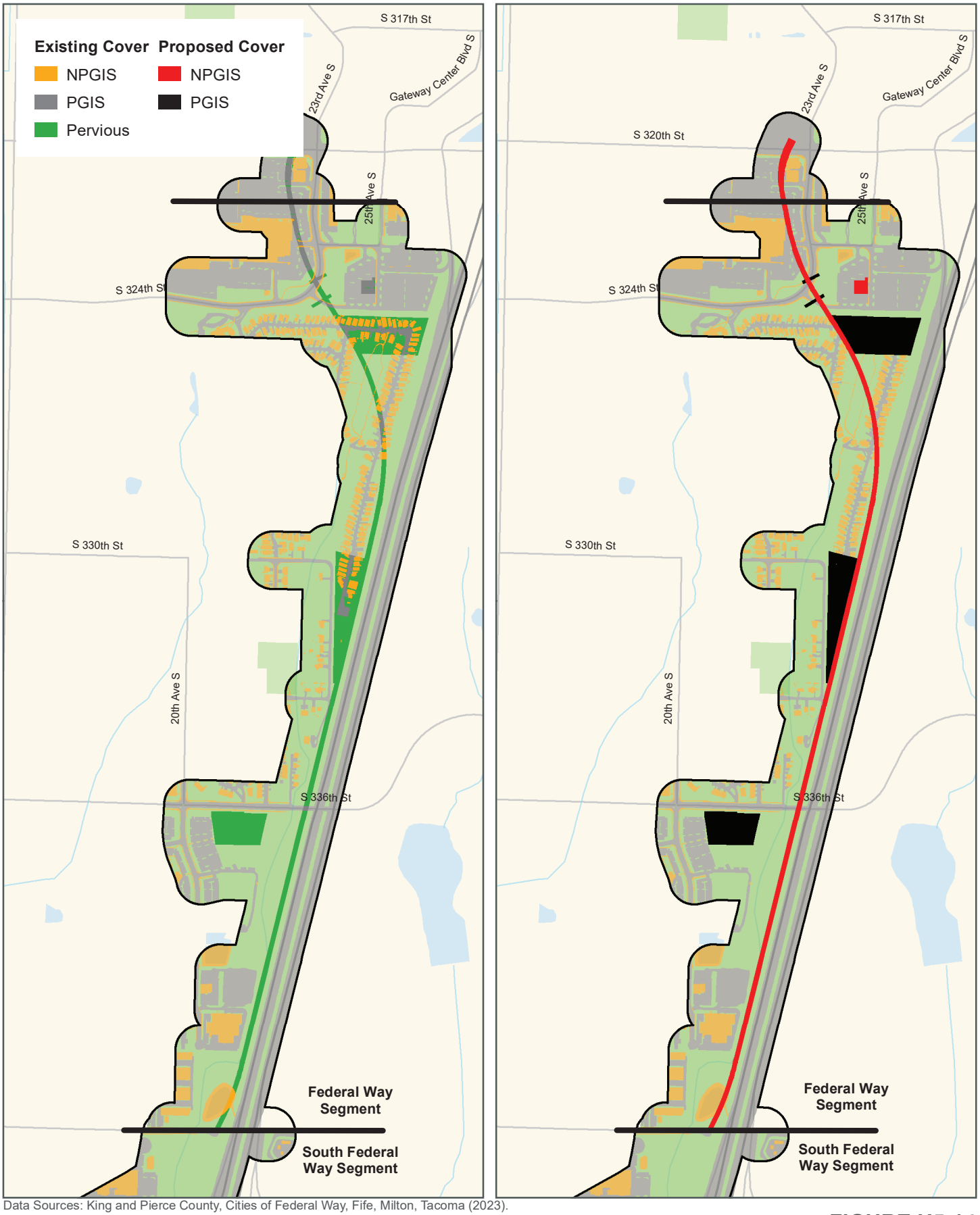

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-14
FW Design Option Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

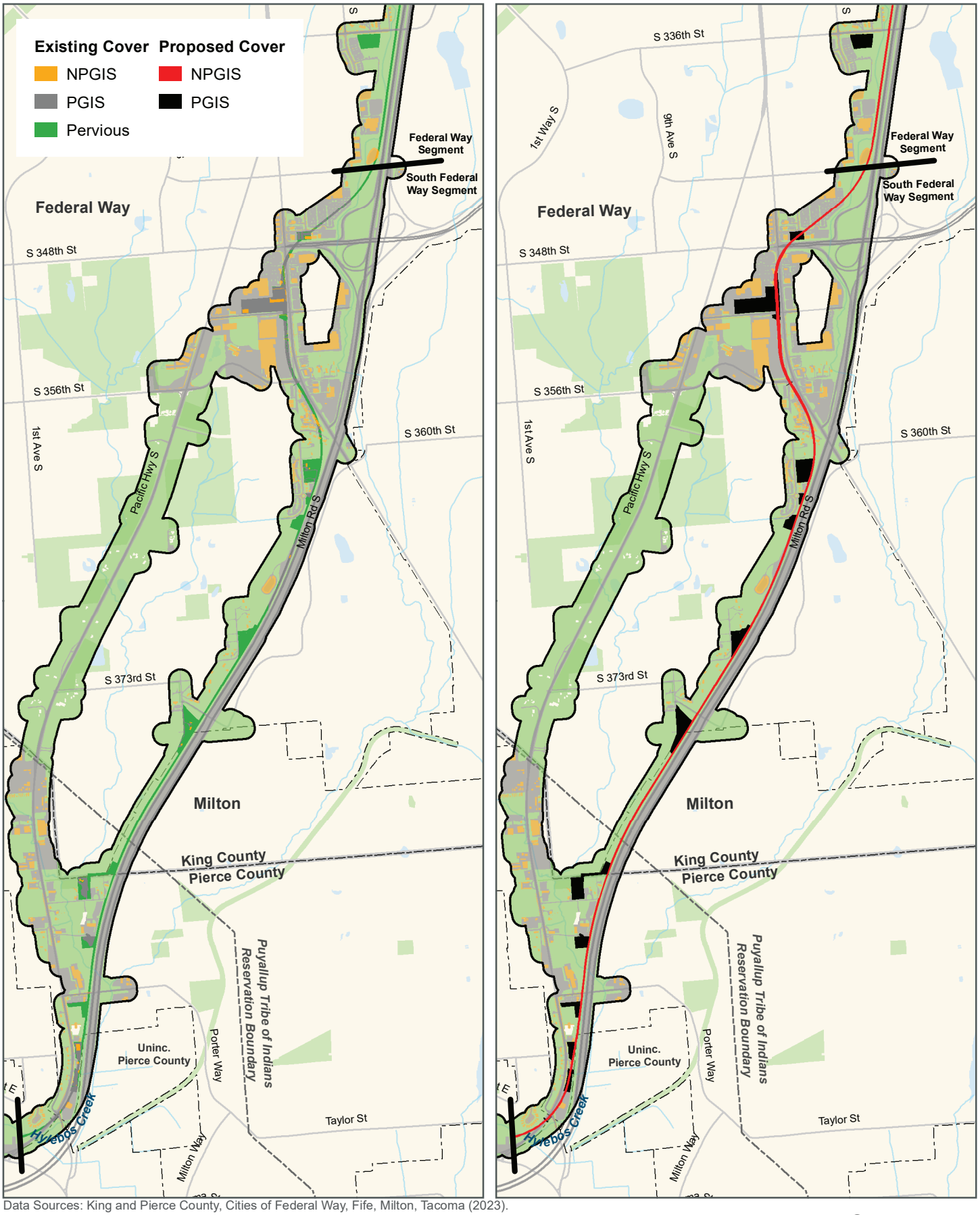

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-15
SF Enchanted Parkway Existing and Proposed Impervious Surfaces
Tacoma Dome Link Extension

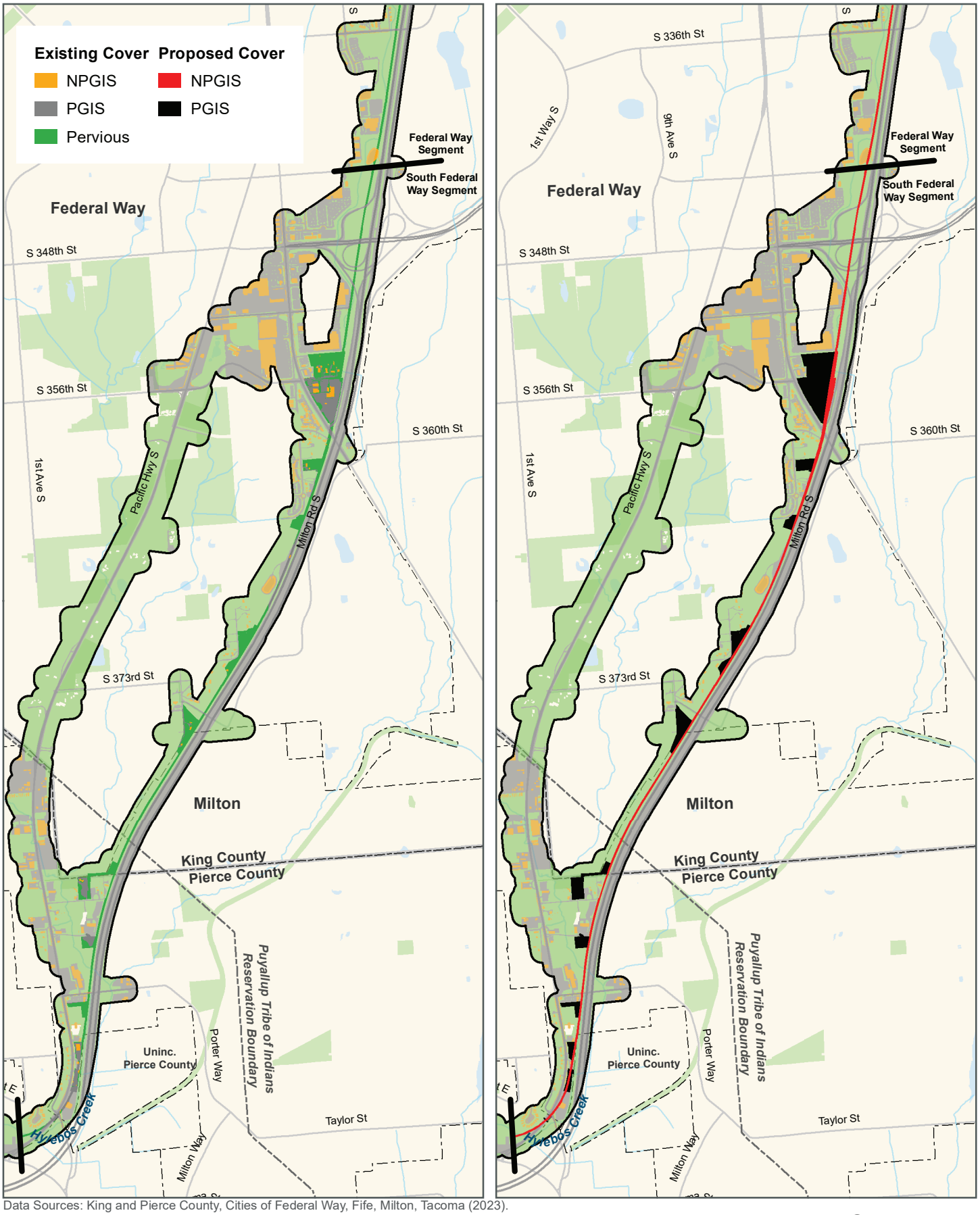

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-16
SF I-5 Existing
and Proposed Impervious Surfaces
Tacoma Dome Link Extension

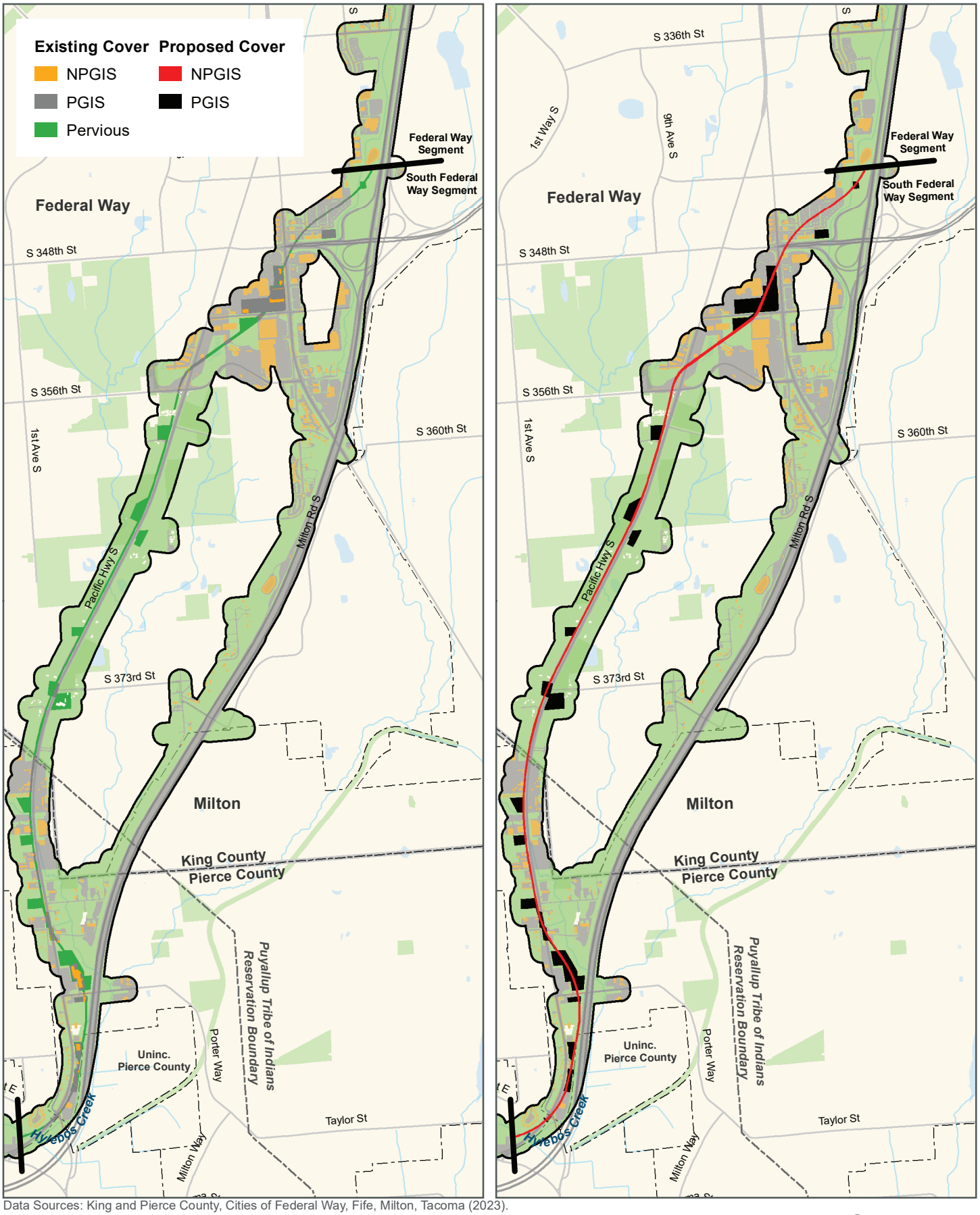

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-17
SF 99-West Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

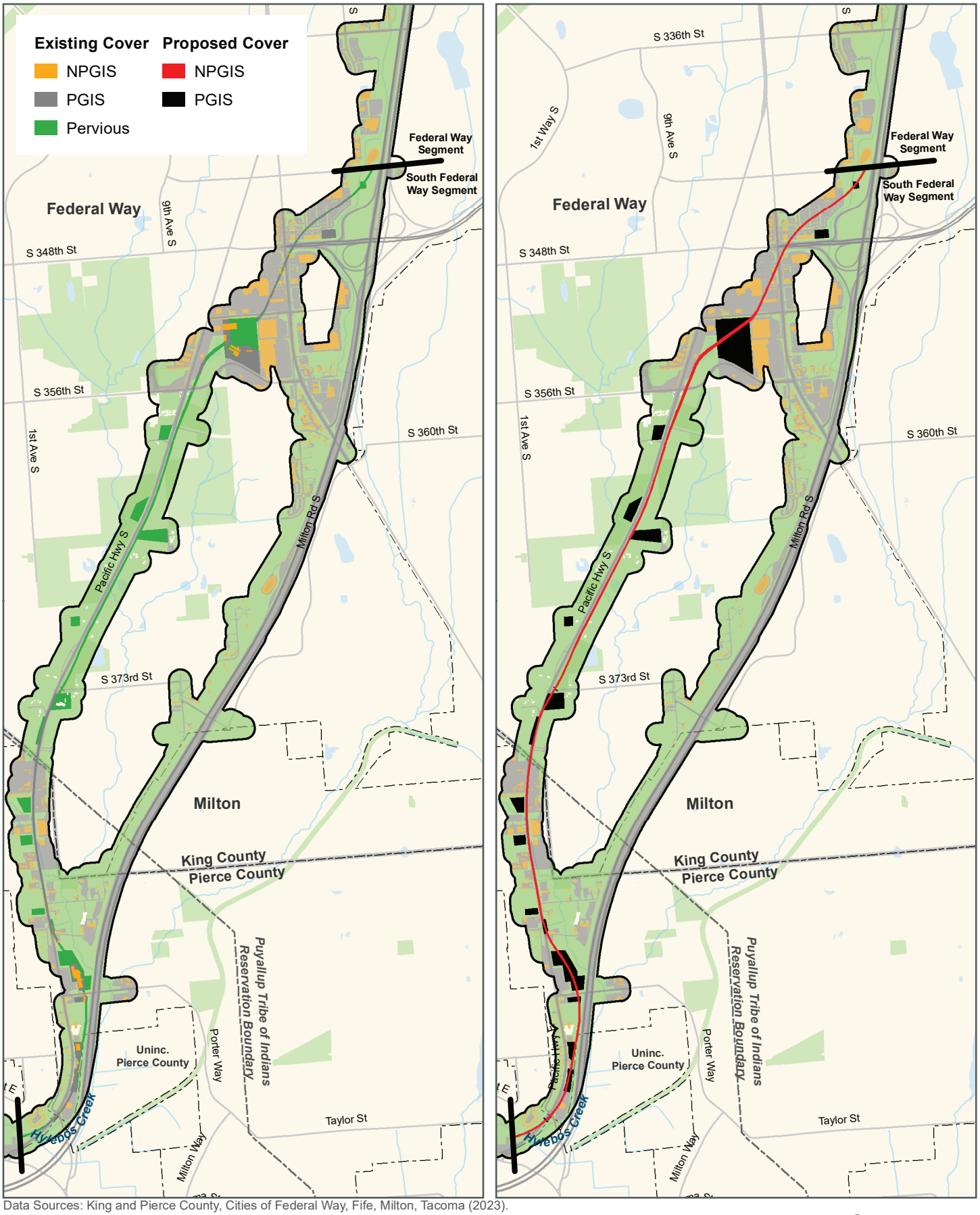

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-18
SF 99-East Existing
and Proposed Impervious Surfaces
Tacoma Dome Link Extension

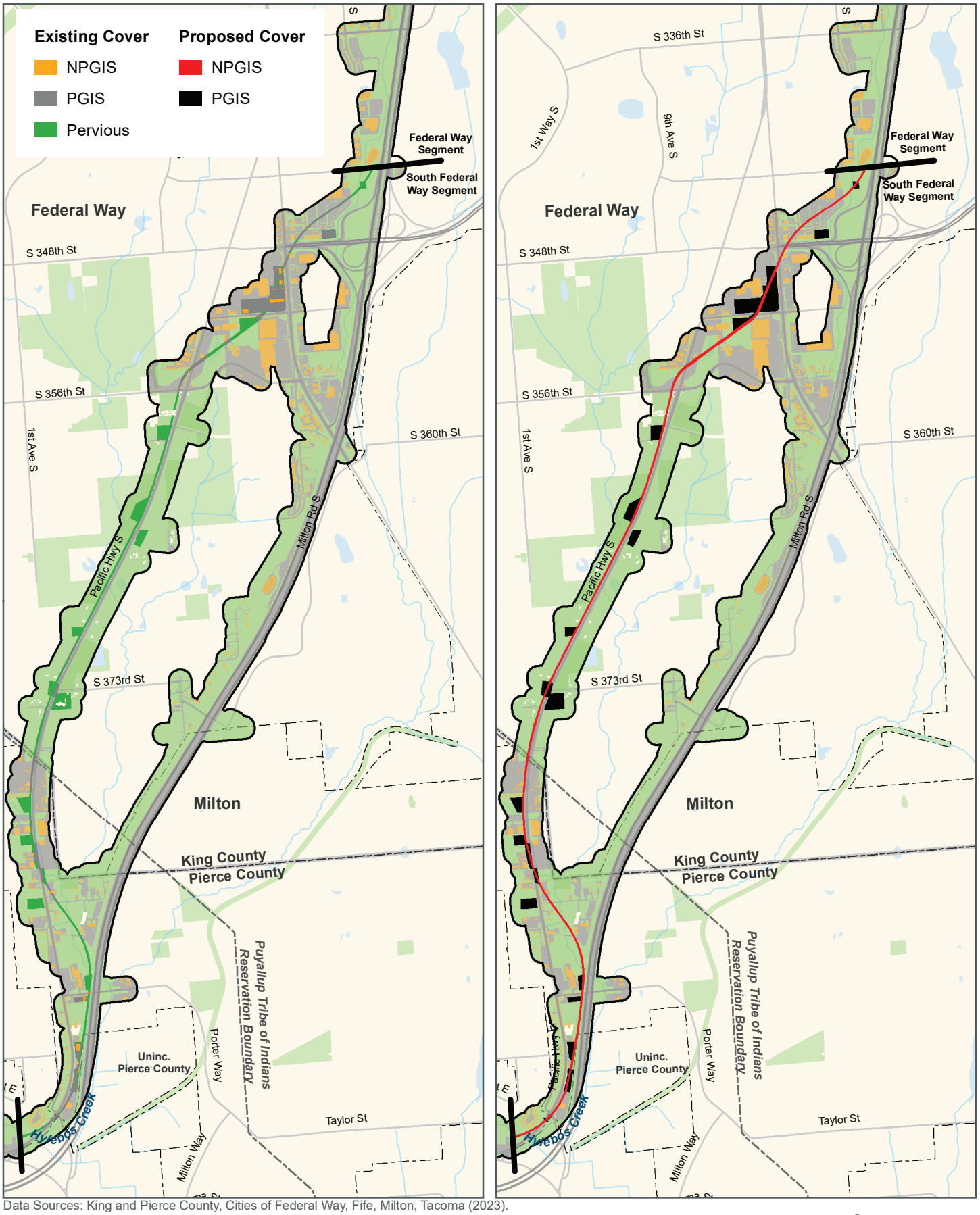

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-19

SF 99-West with Porter Way Option Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

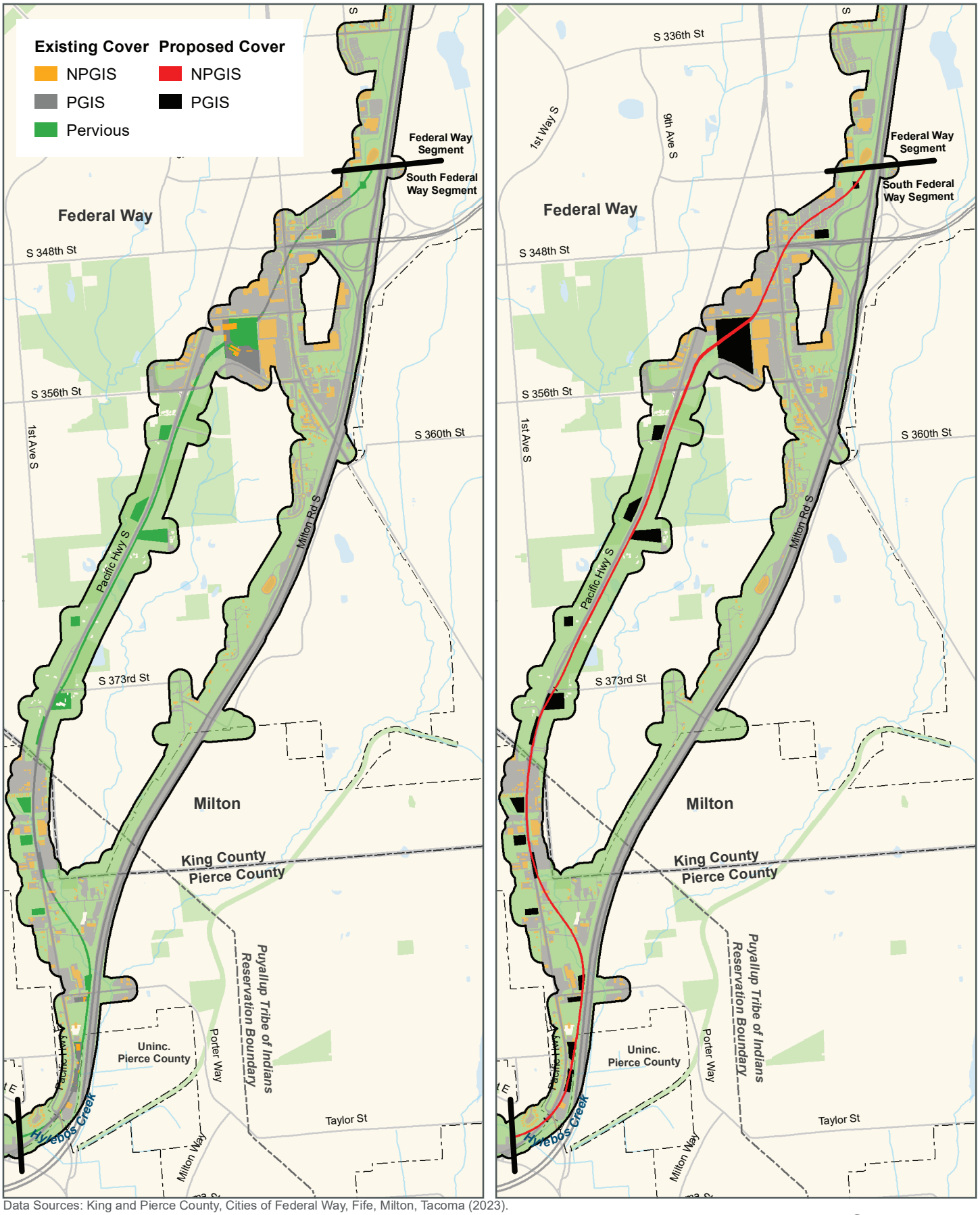

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H5-20

SF 99-East with Porter Way Option Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

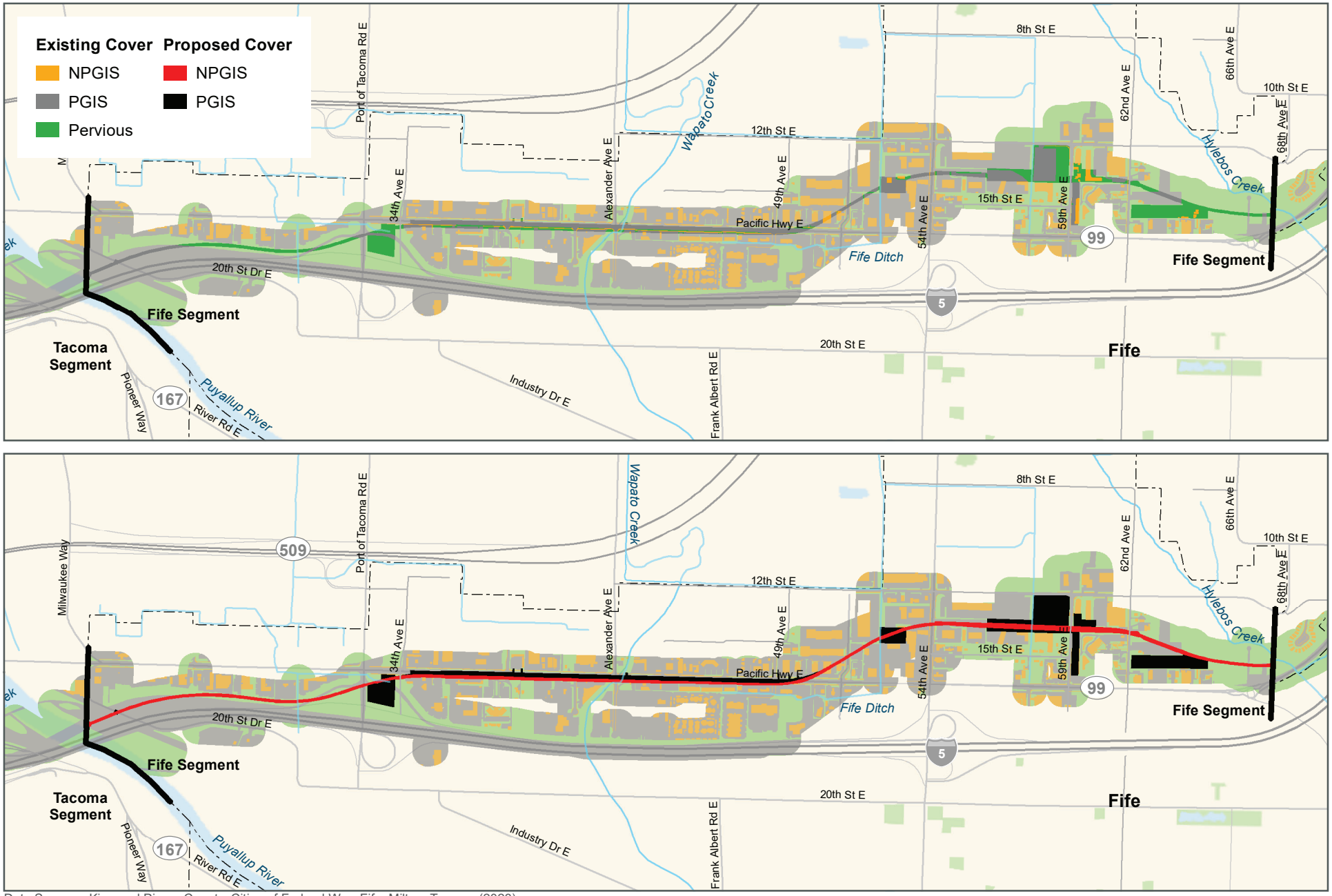

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-21

Fife Pacific Highway/Fife Median Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

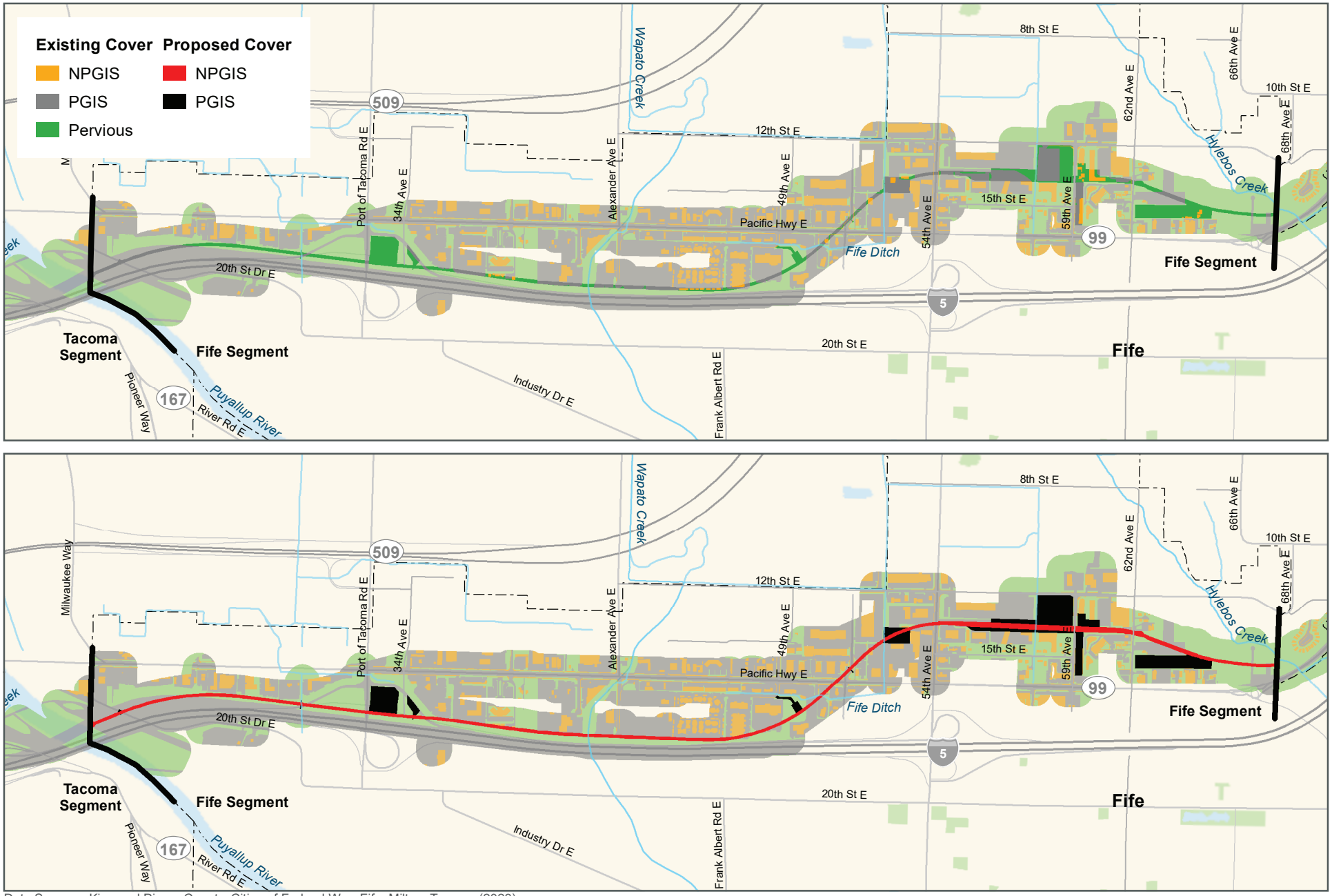

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-22
Fife I-5 Existing
and Proposed Impervious Surfaces
Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-23

Tacoma 25th Street-West Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-24

Tacoma 25th Street-East Existing and Proposed Impervious Surfaces

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-25
Tacoma Close to Sounder Existing and Proposed Impervious Surfaces
Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-26
Tacoma 26th Street Existing and Proposed Impervious Surfaces
Tacoma Dome Link Extension

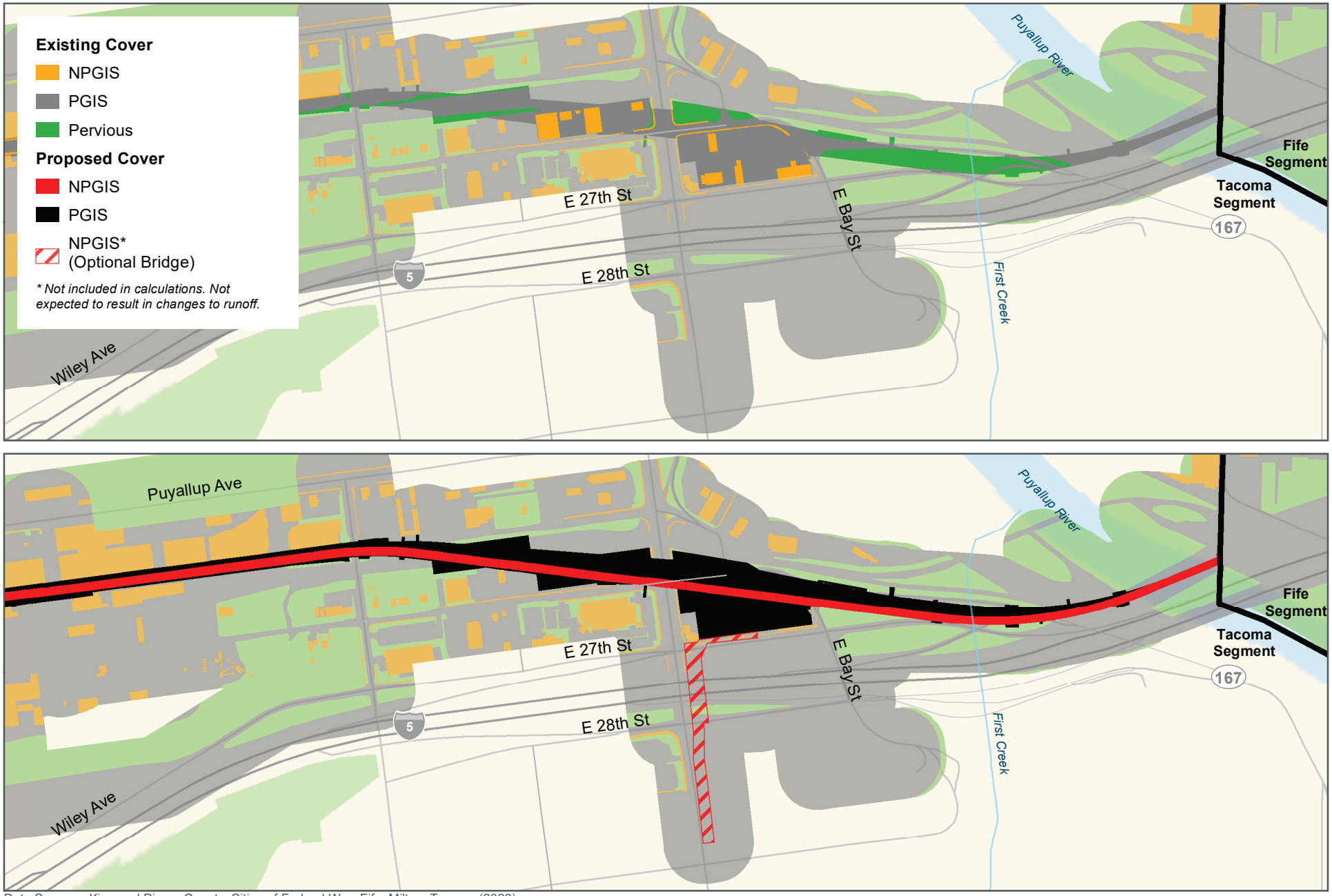

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-27
Existing and Proposed
Land Cover Optional Portland Avenue Bike and
Pedestrian Bridge: West Option
Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1,000 2,000 Feet

FIGURE H5-28
Existing and Proposed
Land Cover Optional Portland Avenue Bike and
Pedestrian Bridge: East Option
Tacoma Dome Link Extension

4.3 Floodplain Impacts in the Fife Segment

For discussion of floodplain impacts in other project segments, see the Draft EIS Section 4.8 Water Resources.

4.3.1 Impacts Analysis

The Fife Segment would cross FEMA Special Flood Hazard Areas (100-year floodplains) in the study area that are associated with Hylebos Creek, the Fife Ditch, the Fife Ditch Tributary 1, and Wapato Creek (Figure H5-4). The preferred Fife Station would be located within the Fife Ditch Tributary 1 regulatory 100-year floodplain boundary (FEMA 2017). The Fife 54th Avenue Station Option and the Fife 54th Span Station Option would each be located outside of and to the west of the mapped floodplain boundary. However, as previously noted, the FEMA floodplain boundary is based on 1979 historical mapping and does not reflect subsequent development and current topographic conditions. Because the elevations of the Fife 54th Avenue Station Option and the Fife 54th Span Station Option are similar to the preferred Fife Station, the future flood risk is likely similar for the preferred Fife Station and station options.

The Fife Ditch and Tributary 1 mapped 100-year floodplain is a Zone A designation, meaning a horizontal floodplain boundary has been delineated, but a vertical base flood elevation has not yet been determined through detailed measurements or hydraulic analysis. Figure H5-29 shows the general location of fill in the floodplain necessary to raise the Preferred Fife Station above flood elevation. The approximate locations of the City of Fife LOMAs are also shown. The LOMAs, which were approved by FEMA in 2023, designate portions of the land inside of the floodplain boundary as being above the base flood elevation and, therefore, outside of the mapped floodplain. Sound Transit is working with the City of Fife to determine the extent of the floodplain-excluded areas and understand both the regulatory requirements for floodplain development and flood risks. Base flood elevations, fill volumes, and potential loss of flood storage would be determined during future phases of the project as additional information is collected and the station design progresses.

FEMA Floodplain Boundary

Approximate areas receiving fill (February 2020 Preliminary Design)

Areas associated with Letters of Map Amendment (LOMAs)

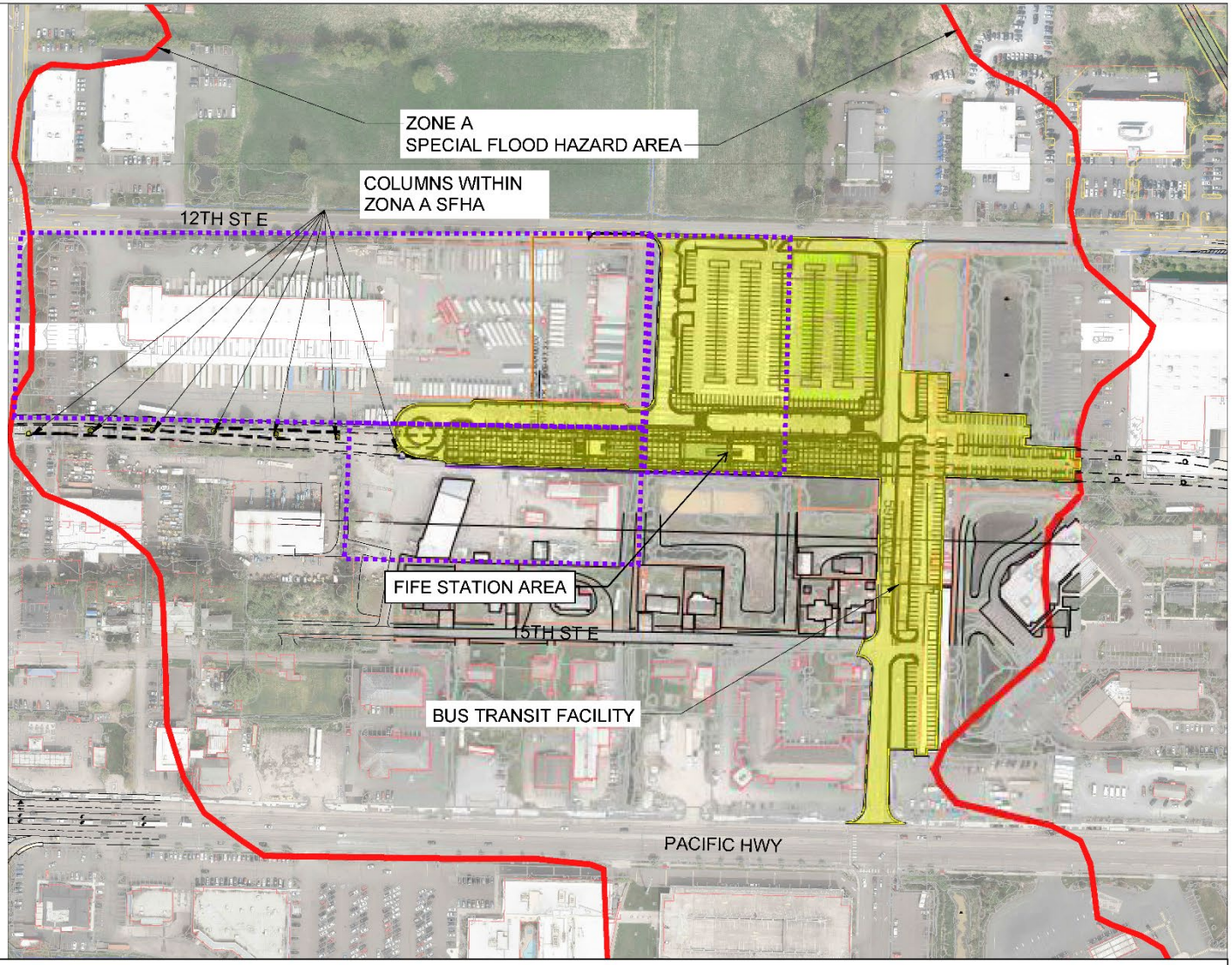

NOTES:

Potential sea level rise could increase flood elevations and is being included in further design considerations for the station and bus transit area shown in yellow.

City of Fife LOMAs designate portions of the land inside of the floodplain boundary as being above the base flood elevation.

LOMA parcel boundaries are approximate and are for discussion purposes only.

Source: Sound Transit, HDR, Parametrix

N

Figure H5-29
Water Resources
Approximate Fife Floodplain Fill Locations
Tacoma Dome Link Extension

4.3.2 Fife Segment Alternatives – Screening

Background

Executive Order 11988 of May 24, 1977, and its subsequent updates (Executive Orders 13690 and 14030), regulate how federal agencies may conduct, allow, or support actions in a floodplain and include climate change considerations when developing in the floodplain. If the proposed project is located within a floodplain, U.S. DOT Order 5650.2 requires a detailed analysis that discusses floodplain impacts, whether the action would result in a significant encroachment, and potential mitigation measures.

Significant Encroachment

Based on U.S. DOT Order 5650.2 and FTA Standard Operating Procedure No. 22, FTA and Sound Transit are reviewing available floodplain data to discern whether the fill associated with the preferred Fife Station alternative meets any of the criteria of a significant encroachment on the floodplain. According to U.S. DOT Order 5650.2, a floodplain encroachment is significant if it results in one or more of the following flood-related impacts:

1. A considerable probability of loss of human life;
2. Likely future damage associated with the encroachment that could be substantial in cost or extent, including interruption of service on or loss of a vital transportation facility; and
3. A notable adverse impact on natural and beneficial floodplain values.

In reviewing the above considerations, FTA and Sound Transit have determined that the station would be constructed based on standard best practices to support the safety of human life, and the station location would not result in a high probability of the loss of human life. Further, the station platform and guideway would be elevated above the floodplain. During major flood events, some parking areas and/or adjacent local roads could be underwater, which would limit or interrupt access to or from the station area; however, light rail services would be able to continue to travel across the floodplain without stopping at the station in Fife. Construction of the project would not cause loss of any existing vital transportation facilities. The primary natural and beneficial value of the Fife floodplain (as defined by U.S. DOT Order 5650.2) is natural moderation of floods. The project design would include compensatory flood storage to avoid notable adverse impacts. As part of this effort, Sound Transit is currently reviewing available floodplain data to estimate the base flood elevation. Based upon the information above, FTA has made a preliminary determination that the project would not result in a significant encroachment on the floodplain as defined by U.S. DOT Order 5650.2.

Only Practicable Alternative

If the proposed project involves significant encroachment on the floodplain, the Final EIS must include FTA's finding that the proposed action is the only practicable alternative. The documentation must include a discussion of reasonable alternatives, why they were not practicable, and how the project conforms with applicable local/state regulations. Sound Transit conducted an alternative evaluation process (see Appendix I, Alternatives Development Supporting Documents) as part of the standard project development.

Consideration of Other Alternatives

Station and alignment concepts were developed as part of the alternatives evaluation process, which included comments from Tribes, agencies, and the public. Concepts that were determined to be inconsistent with the project purpose and need or the Sound Transit 3 Plan that included circuitous routing, that would add travel time to the high-capacity transit service, or that were determined to be infeasible based on other environmental constraints, were not evaluated beyond this prescreening phase. Alternatives were then evaluated in the increasingly detailed Level 1 and Level 2 alternatives evaluation phases; these alternatives are presented in Table H5-7. The locations of the other alternatives previously considered are shown in Figure H5-30.

The results of the Level 1 Evaluation were reviewed by the Elected Leadership Group, Interagency Group, the Stakeholder Group, and the public in September 2018. These groups provided input on the Level 1 evaluation and findings, and the Elected Leadership Group made a recommendation to advance Fife 1, Fife 3A, Fife 3B, Fife 4A, and Fife 4B alternatives for Level 2 analysis. After Level 2 analysis and findings were presented in spring 2019, the Elected Leadership Group recommended advancing the Fife 3B alternative for environmental review to the Sound Transit Board, which was approved in July 2019. In March 2023, the Sound Transit Board identified the need to analyze additional station options in Fife and added the Fife 54th Avenue Station Option and the Fife 54th Span Station Option.

Detailed descriptions of the alternatives are included in Chapter 2, Alternatives Considered in the Draft EIS. Detailed information on the alternatives evaluation criteria and process, including the screening for the Fife station options is presented in Appendix I, Alternatives Development Supporting Documents.

Table H5-7 Fife Segment: Level 1 and Level 2 Alternatives Considered

Practicable Considerations U.S. DOT Order 5650.2(9)	No-Build Alternative	Fife 1* I-5 West to 12th Street	Fife 2A and 2B Pacific Highway West	Fife 3A* and 3B** 15th Street	Fife 4A*, 4B*, and 4C Pacific Highway East	Fife 5A, 5B, and 5C Pacific Highway South	Fife 6 I-5 West (Representative)	Fife 7 I-5 East	Fife 8 I-5 Median	Fife 9A and 9B I-5 South
Potential Environmental Impacts	N/A	Would conflict with WSDOT's extensive Riparian Restoration and Hylebos Creek realignment project.	N/A	N/A	Would place columns in WSDOT's proposed realigned Hylebos Creek stream buffer.	Would place columns in WSDOT's proposed realigned Hylebos Creek stream buffer.	High impacts to Hylebos Creek.	High impacts to Hylebos Creek.	Higher potential environmental impacts due to the need for major I-5 widening/modifications.	Would result in disturbance through farmlands, wetlands, and floodplains.
Potential Social or Economic Impacts	Would not meet projected travel demand; it would not connect the Fife community and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit system; it would not expand mobility for the corridor and region's residents, including transit-dependent, low-income, and minority populations; and it would not encourage transit (TOD).	Would not support desired travel speeds and level of service to the community. Would be located outside of the Fife City Center and away from Pacific Highway E (SR 99) and I-5; inconsistent with adopted regional plans and Sound Transit's Regional Transit Long-Range Plan. Limited development opportunities north of station. Would cause community disruption outside of Fife City Center, including noise and visual impacts.	Would impact northern portion of St. Paul Chong Hasang Church property and could disrupt its campus, including low-income senior apartments, Rainier View Apartments. Station located outside of the planned Fife City Center area. Higher impacts to properties and potentially to property owned by the Puyallup Tribe of Indians near station. May impact Section 4(f) property.	Would impact northern portion of St. Paul Chong Hasang Church property and could disrupt its campus, including low-income senior apartments, Rainier View Apartments. Higher level of property impacts. May impact Section 4(f) property. Location in proximity to the new Fife City Center Vision, supported by the City of Fife.	High impact to low-income senior housing complex (Rainier View Apartments). High level of property impacts, including crossing property owned by the Puyallup Tribe of Indians. High potential impacts to freight movement. Potential conflicts with SR 167 Improvement Project and future WSDOT connections.	High impact to low-income senior housing complex (Rainier View Apartments). High level of property impacts, including crossing property owned by the Puyallup Tribe of Indians. Lower performing stations based on congestion, multimodal access, and TOD measures. Not preferred by City of Fife. High potential impacts to freight movement. Potential conflicts with SR 167 Improvement Project and future WSDOT connections.	High impacts to Puyallup Tribe of Indians property and the Emerald Queen Casino Fife. Station would be far from the planned Fife City Center area, lower performance for multimodal access, congestion, and TOD measures, largely as a result of the constraints to access and development posed by I-5 and the 54th Avenue East Interchange directly adjacent. Conflicts with SR 167 Improvement Project and future WSDOT connections.	High impacts to Puyallup Tribe of Indians property and the Emerald Queen Casino Fife. Station would be far from the planned Fife City Center area, lower performance for multimodal access, congestion, and TOD measures, mainly due to the constraints posed by I-5 and the 54th Avenue East Interchange directly adjacent. Conflicts with SR 167 Improvement Project and future WSDOT connections.	Would not support desired travel speeds and level of service to the community. Additional road closures and major traffic congestion impacts during work on or near I-5. Lower station accessibility and lack of multimodal access.	Would not support desired travel speeds and level of service to the community. Would have higher property impacts. The station served by this alignment was lower performing on multimodal access and TOD measures and is well outside the Fife City Center area. Would be located adjacent to park properties, which could result in a *de minimis* Section 4(f) use.
Potential Engineering, Design, or Cost Impacts	Would fail to provide high-quality, rapid, reliable, and efficient light rail transit to communities in the project corridor, inconsistent with the Sound Transit 3 Plan.	Would increase travel time, reduce ridership, and lacks opportunity for transit-oriented development. High cost.	N/A	N/A	Would have major construction conflicts due to the WSDOT SR 167 Improvement Project and future proposed WSDOT direct connections at this interchange. High cost.	Would have major construction conflicts with the WSDOT SR 167 Improvement Project and future WSDOT connections.	Major impact to future WSDOT proposed direct connections at the SR 167 interchange; the alignment would likely need to be extremely tall to leave space for future ramps, resulting in higher cost and design challenges. Requires complex coordination with SR 167 and 54th Street Interchange projects.	Major impact to future WSDOT proposed direct connections at the SR 167 interchange; the alignment would likely need to be extremely tall to leave space for future ramps, resulting in higher cost and design challenges. Requires complex coordination with SR 167 and 54th Street Interchange projects. Station access constraints due to location between I-5 and SR 99.	Requires widening and modification to I-5, resulting in construction safety issues and higher construction impacts. High utility conflicts. Restricted by Federal Highway Administration (FHWA) limitations on I-5 right-of-way use, including severe space constraints and conflicts with anticipated future WSDOT projects to maintain safe and effective operations on I-5. Not supported by FHWA or WSDOT.	Requires an additional crossing of I-5 to the north or south, which significantly increases costs. High construction impacts, including additional closures of I-5 and other major roadways and associated traffic impacts. Major construction conflicts with WSDOT SR 167 Improvement Project and future proposed WSDOT direct connections at this interchange.

Notes: The alternative names in this table follow the Level I Alternatives Evaluation Report and Level 2 Alternatives Evaluation Report (see Appendix I – Alternatives Development Supporting Documents).
*Alternative advanced into Level 2 Alternatives Evaluation (see Appendix I – Alternatives Development Supporting Documents).
**Alternative advanced into Level 2 Alternatives Evaluation and modified for analysis in the Draft Environmental Impact Statement.

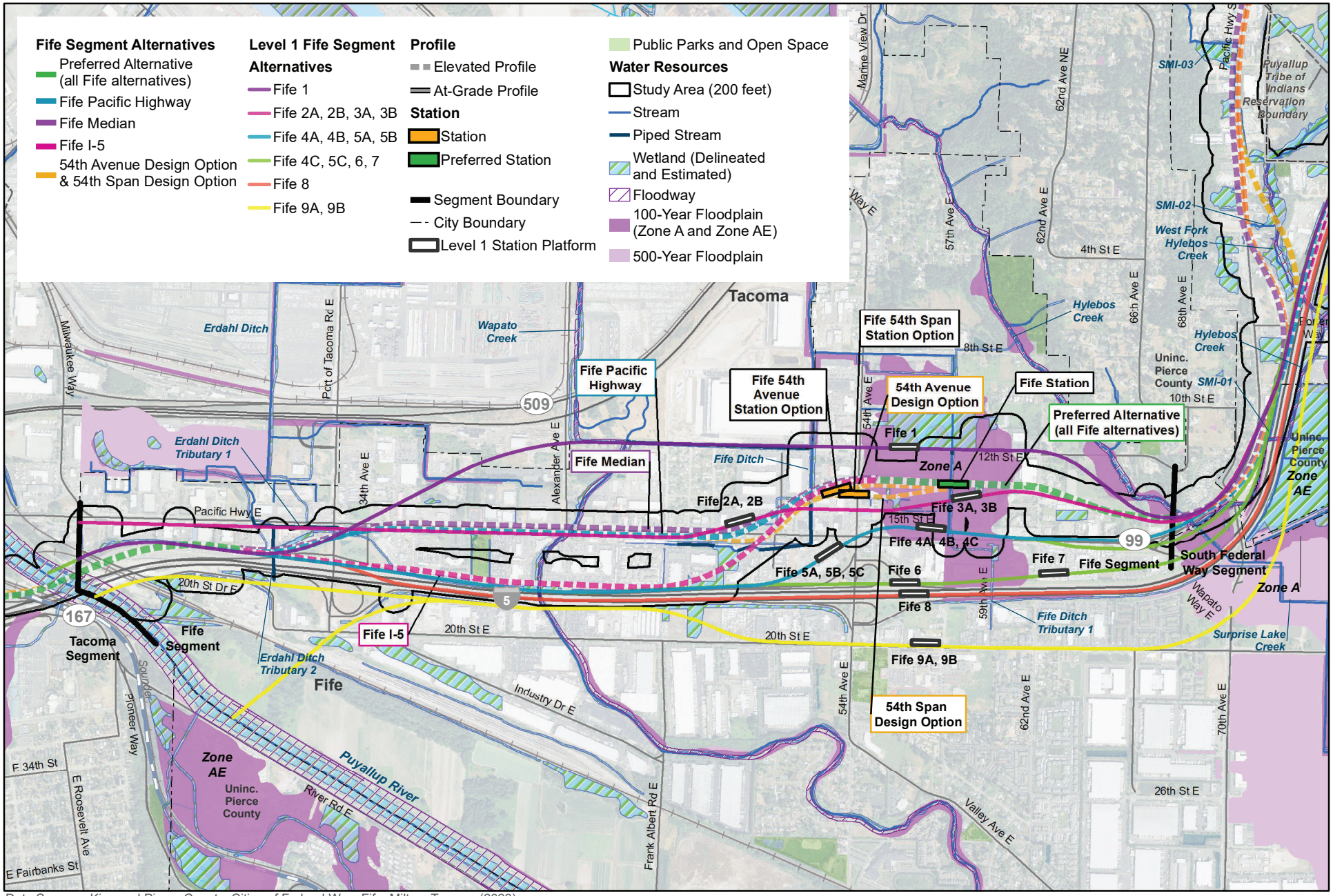

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

Note: In 2023, the City of Fife submitted and received FEMA approval for Letters of Map Amendment that removed certain parcels and structures in the study area near the Fife Ditch Tributary 1 from the designated floodplain.

N

0 0.5 1 Mile

FIGURE H5-30
Water Resources
Fife Station: Other Alternatives Considered

Tacoma Dome Link Extension

5 AVOIDANCE AND MINIMIZATION OF IMPACTS

This appendix is intended to provide supplemental information and background to support the primary discussion of practices to avoid and minimize or mitigate potential impacts to water resources in the project study area that are discussed in Section 4.8, Water Resources, of the Draft EIS.

5.1 Best Management Practices

Sound Transit seeks to prevent or minimize potential impacts on water resources by continued project design and development measures that follow local stormwater management regulations, use required best management practices (BMPs), encourage sustainable low-impact development approaches where feasible, and prepare for climate-related uncertainties where practicable. This section discusses BMPs that would be included in the project design regardless of the findings of this water resources impact analysis. Therefore, they are not considered mitigation measures and are instead part of the proposed alternatives.

Sound Transit's Design Criteria Manual (Sound Transit 2021) requires project-related stormwater management to conform to the requirements of the local jurisdictions. These measures include minimizing impervious footprints, avoiding placement of design-related structural elements in or near water resources and their associated buffers when possible, and installing or upgrading water quality treatment and flow control facilities when required. The Tacoma Dome Link Extension would comply with the WSDOT Highway Runoff Manual (WSDOT 2019), the King County Surface Water Design Manual (King County 2021a), the Federal Way Addendum to the King County Surface Water Design Manual (City of Federal Way 2017), the King County Stormwater Pollution Prevention Manual (King County 2021b), the Pierce County Stormwater Management & Site Development Manual (Pierce County 2021), the Stormwater Management Manual (City of Tacoma 2021), and the 2019 Ecology Stormwater Management Manual for Western Washington (Ecology 2019b).

In addition, based on Sound Transit directives (Sound Transit 2021) and Ecology requirements (Ecology 2019b), stormwater management facilities would be designed using sustainable low-impact development approaches where feasible. However, due to a predominant presence of till-type soils with low infiltration and high runoff potential in the study area, the use of infiltration-based low-impact development approaches may not be well suited and other stormwater management approaches may be necessary. Stormwater flow control techniques may include detention ponds, infiltration ponds, vaults, and dispersion. Water quality treatment techniques may include bioretention, ecology embankments, and media filter vaults. Treatment to remove metals, and oil and grease would be provided at parking lots and roadway areas where required.[2]

Initial design planning efforts recognize climate-related uncertainties, such as increased precipitation and sea-level rise, and potential impacts to water resources. Climate-related hydrologic changes could include increases in flow rates and velocities, which could result in increased flood elevations and scour. Once a Preferred Alternative has been confirmed or modified for the project, Sound Transit would include consideration of climate change data,

[2] Sound Transit and the Washington State Department of Ecology entered into a Memorandum of Understanding dated December 9, 2019, in which Sound Transit agreed to conduct a study to characterize the quality of the stormwater discharged from light rail guideway. The data and analysis from the study will be used to inform the design of light rail projects that are scheduled in the Sound Transit 3 Plan to be completed between 2030 and 2041, and, as necessary, Sound Transit will identify all known, available, and reasonable methods of prevention, control, and treatment (abbreviated as AKART) to define light-rail specific best management practices.

which predicts the effects of the buildup of greenhouse gases, based on current understanding of atmospheric physics and chemistry. Strategies to minimize these impacts may include:

- Estimation of anticipated sea level rise and risk of future flooding.
- Estimation of potential floodplain increases.
- Design freeboard (the distance between the waterline and the lowest point of a structure) that is above the current or projected base flood elevation.
- Channel stabilization and armoring around structural elements to resist scour.

Currently, there are streets that are impassable during major floods in the Fife area, which is where the preferred Fife Station, the Fife 54th Avenue Station Option, and the Fife 54th Span Station Option would be located. If and when flooding occurs in the future, the ground level parking and access roads to the station could be temporarily under water, along with the surrounding area. During these events light rail patrons may be unable to access the station by car or bus. However, the light rail would still operate across the floodplain without stopping at the station in Fife. Once the water recedes, normal bus and car operation could resume.

To address uncertainties associated with climate change, the following strategies would be considered as the design proceeds:

- Consideration of use of piers, pilings, or other structures to elevate the preferred Fife Station above flood risk and minimize fill footprint in floodplain.
- Increase stormwater storage volume by a certain percentage, where flow control is required to account for potential increases in rainfall depths.
- Increase treatment flow rates by a similar percentage, where water quality treatment is required to account for potential higher increases in future precipitation.

The Puyallup Tribe of Indians has also established certain areas where the Tribal government has identified resources or land that is of Tribal importance for economic, social, cultural, and ceremonial reasons, and the project would avoid those areas for placement of stormwater management BMPs or other mitigation.

5.1.1 Long-Term Operations

5.1.1.1 Surface Water

The concept design for stormwater facilities for the Draft EIS considered conservative flow control strategies and redevelopment requirements that provide enhanced treatment for all post-project PGIS. Proposed BMPs include detention ponds, detention vaults, guideway dispersion, bioretention, and infiltration facilities. Water quality would be treated to Enhanced Treatment standards (intended to provide a higher rate of removal of dissolved metals than Basic Treatment), and flows would be controlled based on a target of forested land use conditions. More detailed information will be provided in the Conceptual Stormwater Design Report as the design progresses.

Outlets from stormwater management facilities would generally connect to existing systems where such systems exist and may necessitate the addition of new discharge points where there is not an existing connection.

5.1.1.2 Groundwater

The project would consult the state and applicable local wellhead protection plans to avoid and minimize to the greatest extent feasible any impacts on any of the associated aquifer recharge or wellhead capture zones. The project design would also follow the EPA review criteria for preventing aquifer contamination to ensure compliance with regulations of the Sole Source Aquifer Program (EPA 2019). By taking guidance from Washington's Wellhead Protection Program, which emphasizes a progressive management concept, and using a combination of BMPs and local land use protection and design standards, the proposed project would not be expected to impact groundwater resources (WA DOH 2017).

Avoidance and minimization measures that could include:

- Evaluating the use of closed or open-ended steel pipe piles, which have been found to prevent or minimize migration of contaminants (Shanon & Wilson 2014).
- Avoiding the use of H-piles and driven concrete piles due to their potential to create pathways for contamination migration.
- Avoiding the use of timber piles, which can facilitate wicking and chemical leaching.
- Designing and constructing pile tips to prevent overcutting the ground around the piles as they are driven. This would decrease the chances of forming pathways for contamination along the exterior boundaries of the structural elements.
- Specifying the outside diameter of the driving mechanism tool to match or be smaller than the outside diameter of the pile itself. This would reduce the potential for gaps to form between the exterior element boundary and the surrounding soils, creating pathways.

5.1.1.3 Shorelines

To minimize impacts on water resources, the alternatives would avoid placement of piers or columns within the ordinary high water mark of rivers and streams and associated stream buffers to the greatest extent possible. To meet the standards of the statewide and city shoreline master plans, the project design would (wherever possible) include elements that preclude the need for shoreline armoring (adding large rock or other hard structure to protect the banks from scouring), flood control works, vegetation removal, and other shoreline modifications. Where modification or stabilization measures cannot be avoided, BMPs and low-impact development techniques for surface water management would be implemented to minimize adverse impacts on existing shoreline ecological functions.

5.1.2 Construction

The risk of construction-related impacts to water resources would be controlled by complying with the NPDES Construction Stormwater General Permit process and the Highway Runoff Manual, the King County Stormwater Pollution Prevention Manual, the Pierce County Stormwater Management & Site Development Manual, and Ecology Manual standards and BMPs, as appropriate. Through compliance with these requirements, an approved Construction Stormwater Pollution Prevention Plan (CSWPPP) would be developed and implemented for the proposed Project. The CSWPPP would serve as the overall construction stormwater avoidance and minimization plan by describing overall procedural and structural pollution-prevention and flow control BMPs, including location, size, maintenance requirements, and monitoring. An Ecology-certified erosion and sediment control lead would be employed to conduct the

inspections, and deficiencies would be promptly corrected. In addition, the CSWPPP would include each of the following plans:

- Temporary Erosion and Sediment Control Plan – This plan would outline the design and construction specifications for BMPs to be used to identify, reduce, eliminate, or prevent sediment and erosion problems.
- Spill Prevention, Control, and Countermeasures Plan – This plan would outline requirements for and implementation of spill prevention, inspection protocols, equipment, material containment measures, and spill response procedures.
- Concrete Containment and Disposal Plan – This plan would outline the management, containment, and disposal of concrete debris, slurry, and dust and discuss BMPs that would be used to reduce high pH.
- Dewatering Plan – This plan would outline procedures for pumping groundwater away from the construction area, and storing (as necessary), testing, treating (as necessary), and discharging or disposing of the dewatering water.
- Fugitive Dust Plan – This plan would outline measures to prevent the generation of fugitive dust from exposed soil, construction traffic, and material stockpiles.

Specific BMPs would be designed based on the manuals previously mentioned. BMPs could potentially include:

- Phasing the work to minimize the amount of disturbed area at any one time.
- Developing construction plans for sensitive areas (such as stream crossings) that minimize the need for haul roads using fill material, such as building temporary bridges or platforms with small piles (i.e., pin piles).
- Marking/fencing of construction limits.
- Minimizing the amount of cleared and cut pavement areas at any one time to the extent feasible.
- Stabilizing construction entrances and haul roads using quarry spalls (crushed basalt).
- Washing truck tires at construction entrances, as necessary.
- Cleaning construction site track-out from public roads, as necessary.
- Constructing silt fences downslope from exposed soil.
- Protecting catch basins from sediment.
- Containing and controlling concrete and hazardous materials on site.
- Installing temporary ditches or asphalt berms to route runoff around or through construction sites, with periodic check dams to slow and settle runoff.
- Providing temporary plastic or mulch to cover soil stockpiles and exposed soil.
- Using temporary erosion control blankets or mulch on exposed steep slopes to minimize erosion before vegetation is established.
- Constructing temporary sedimentation ponds or cells to remove solids from concentrated runoff and dewatering before being discharged.
- Conducting vehicle fueling and maintenance activities no closer than 100 feet from waters of the state.

- Providing secondary containment for all potential sources of leaks and spills.
- Implementing stream protection measures, as necessary, including diverting stream flow around the construction area and limiting the construction period to the required "work window," a period of the year identified by the timeframe when potential effects to fish are minimized.

The Tribe's Antidegradation Implementation Procedures, which apply to any discharges on the Puyallup Tribe of Indians Reservation, would include:

- Benchmark monitoring for turbidity (or transparency) and, in the event of a large amount of concrete work or engineered soils, pH monitoring as well.
- Tribal notification prior to conducting inspections at construction sites generating stormwater discharged to Tribal waters.
- Treatment of dewatering discharges to minimize the discharge of pollutants to groundwater or surface waters from stormwater that is removed from excavations, trenches, foundations, vaults, or other storage areas.
- To provide and maintain natural buffers to the maximum extent possible (and/or equivalent erosion and sediment controls) when Tribal waters are located within 100 feet of the site's earth disturbances. Equivalent erosion and sediment controls would achieve the sediment load reduction equivalent to a 100-foot undisturbed natural buffer.
- Construction of the bridge crossing the Puyallup River and portions of the Tacoma Segment would cross lands under the jurisdiction of the Puyallup Tribe of Indians Reservation. The Puyallup Tribal Code (Section 15.12 et seq.) establishes district classifications, in substantial compliance with the Puyallup Tribe of Indians Comprehensive Land Use Plan, for all lands within the boundaries of the Puyallup Reservation. The locations and boundaries of the zoning districts can be located on the Tribe's official zoning map, which is kept on file in the Tribe's Land Use Office and is available for inspection by Tribal members. Certain activities on Tribal trust lands may be undertaken only after development permits and construction permits have been issued by the Tribe. These activities include the construction of buildings or structures within 200 feet of shorelines and dredging or filling of watercourses (including pile driving).

Through compliance with applicable construction permits and BMPs that the permits would incorporate, the light rail alternatives are not expected to adversely affect water resources during construction.

If discharge of treated construction or process water to a sanitary sewer is proposed, approval must be obtained from either the King County Industrial Waste Division or the Pierce County Industrial Pretreatment Program and any other applicable local jurisdiction. For construction within and over streams or other state-regulated water bodies, an HPA would be required. The HPA would be obtained from WDFW before work begins. The project would comply with the HPA's stream protection measures, including diverting stream flow around the construction area and limiting the construction period to the required "work window," a period of the year identified in the HPA when potential effects to fish would be minimized.

5.2 Floodplains

FMC 15.40 requires development permitted in a flood hazard area to be designed to a zero-rise standard, which Sound Transit would comply with by providing compensatory storage to offset proposed floodplain fill. Sound Transit will confirm the needed amount of compensatory flood storage, pending determination of the base flood elevation for Zone A floodplains. Additional survey work or hydraulic analysis may be required to determine appropriate volumes and locations for compensatory storage.

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

GEOLOGY AND SOILS BACKGROUND INFORMATION

Appendix H6

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Table H6-1 Geologic Hazards

Alternative	Erosion	Steep Slope	Landslide Hazard	Seismic – Liquefaction	Seismic – Tsunami	Volcanic – Lahar	Soil – Corrosivity	Soils – Hydric
Federal Way Segment								
Preferred FW Enchanted Parkway[1]	Present	Present	None	Low	Unlikely	Present	Present	None
South Federal Way Segment								
SF Enchanted Parkway	Present	Present	None	Low	Unlikely	Present	Present	None
SF I-5	Present	Present	None	Low	Unlikely	Present	Present	None
SF 99-West[2]	Present	Present	Present	Low	Unlikely	Present	Present	Present
SF 99-East[2]	Present	Present	Present	Low	Unlikely	Present	Present	Present
Fife Segment								
Fife Pacific Highway[3]	None	Present	Present	High	Present	Present	Present	Present
Fife Median[3]	None	Present	Present	High	Present	Present	Present	Present
Fife I-5[3]	None	Present	Present	High	Present	Present	Present	Present
Tacoma Segment								
Preferred Tacoma 25th Street-West	None	Present	None	High	Present	Present	None	None
Tacoma 25th Street-East	None	Present	None	High	Present	Present	None	None
Tacoma Close to Sounder	None	Present	None	High	Present	Present	None	None
Tacoma 26th Street	None	Present	None	High	Present	Present	None	None

Notes:
1) The geologic hazards would be the same with FW Design Option.
2) The geologic hazards would be the same with the Porter Way Design Option for the SF 99-West and SF 99-East alternatives.
3) For all Fife alternatives, the 54th Avenue and Fife 54th Span design options have the same geologic hazards.

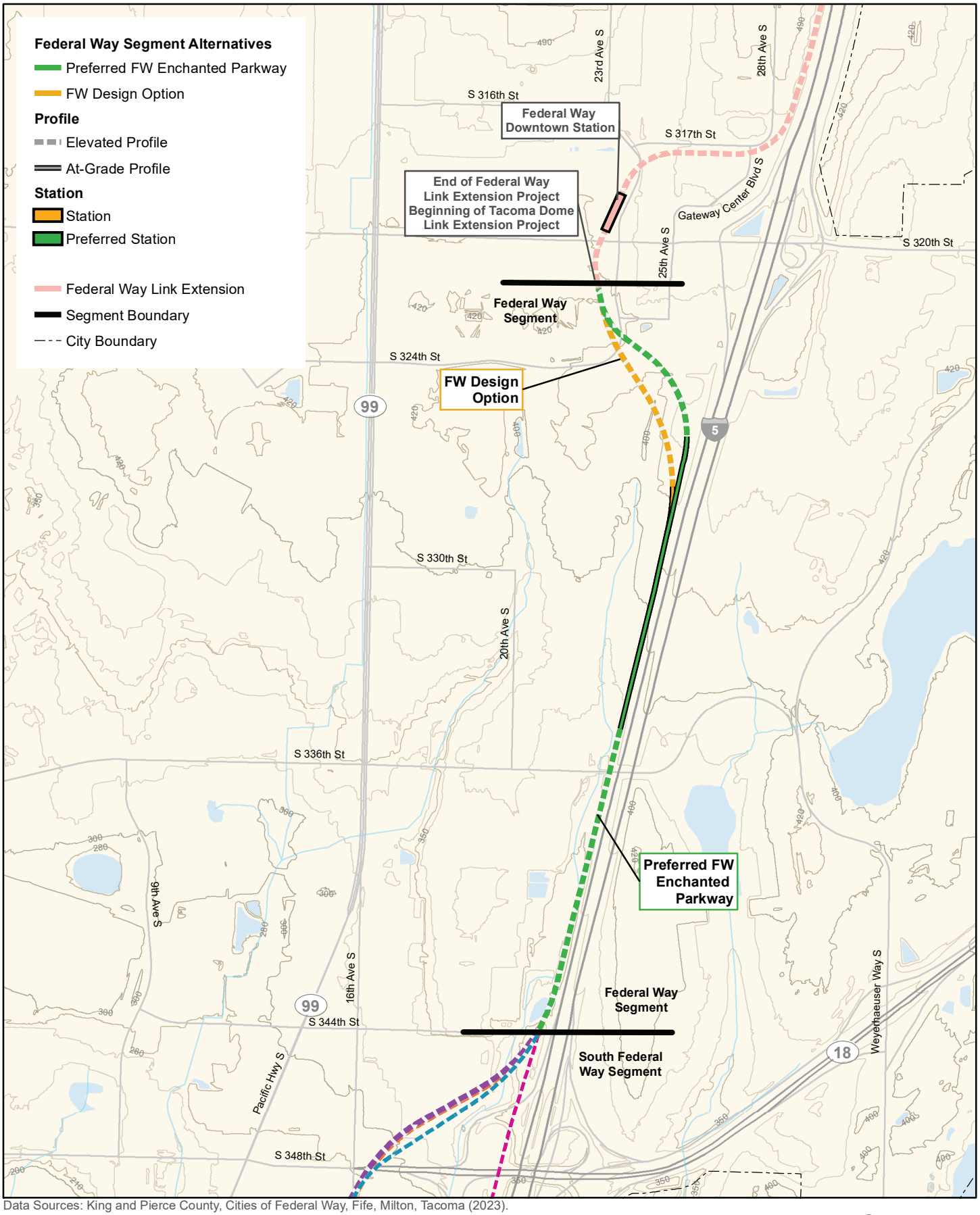

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-1
Topography
Federal Way Segment
Tacoma Dome Link Extension

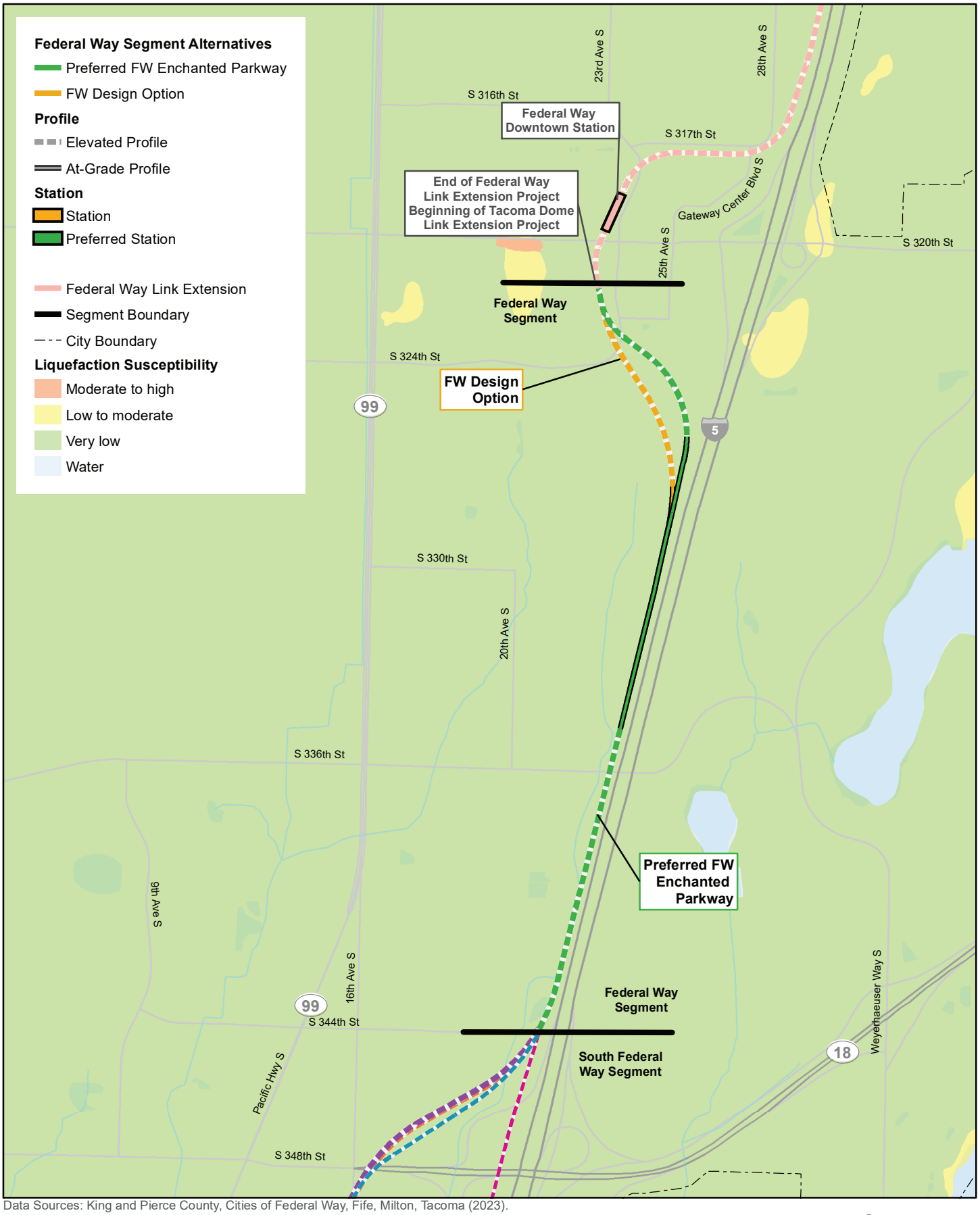

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-2
Seismic Hazards
Federal Way Segment

Tacoma Dome Link Extension

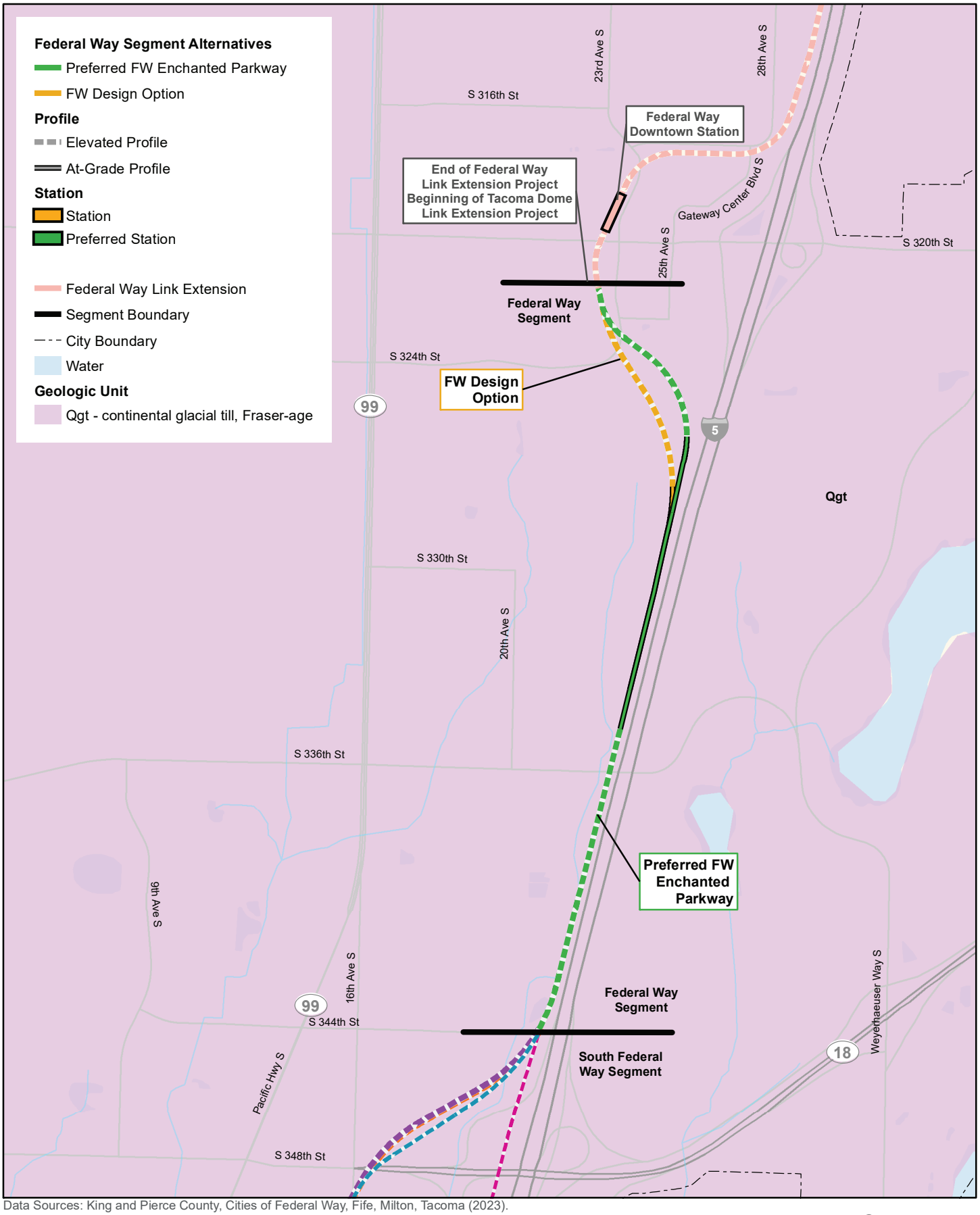

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-3
Surface Geology
Federal Way Segment

Tacoma Dome Link Extension

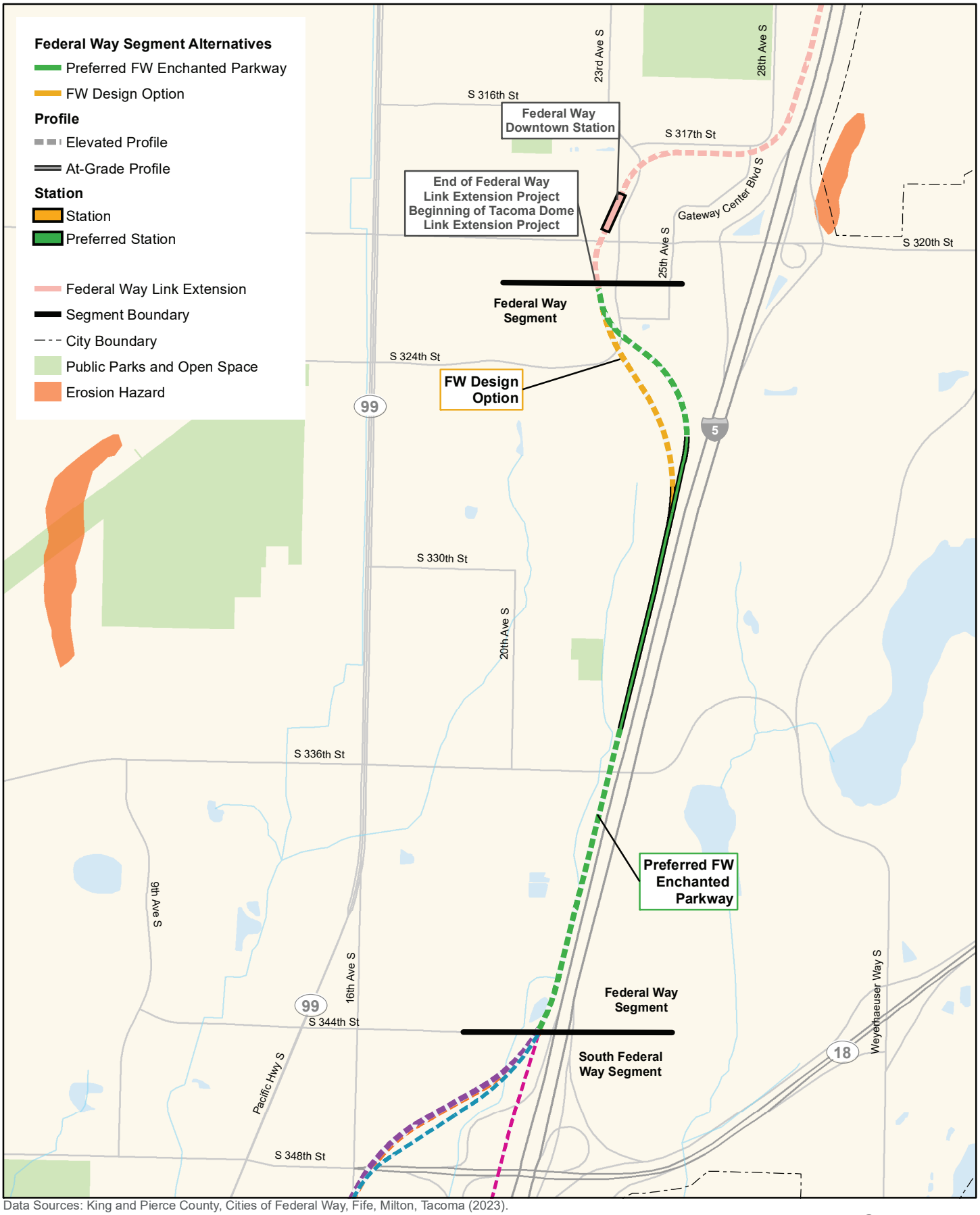

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-4
Erosion Hazards
Federal Way Segment

Tacoma Dome Link Extension

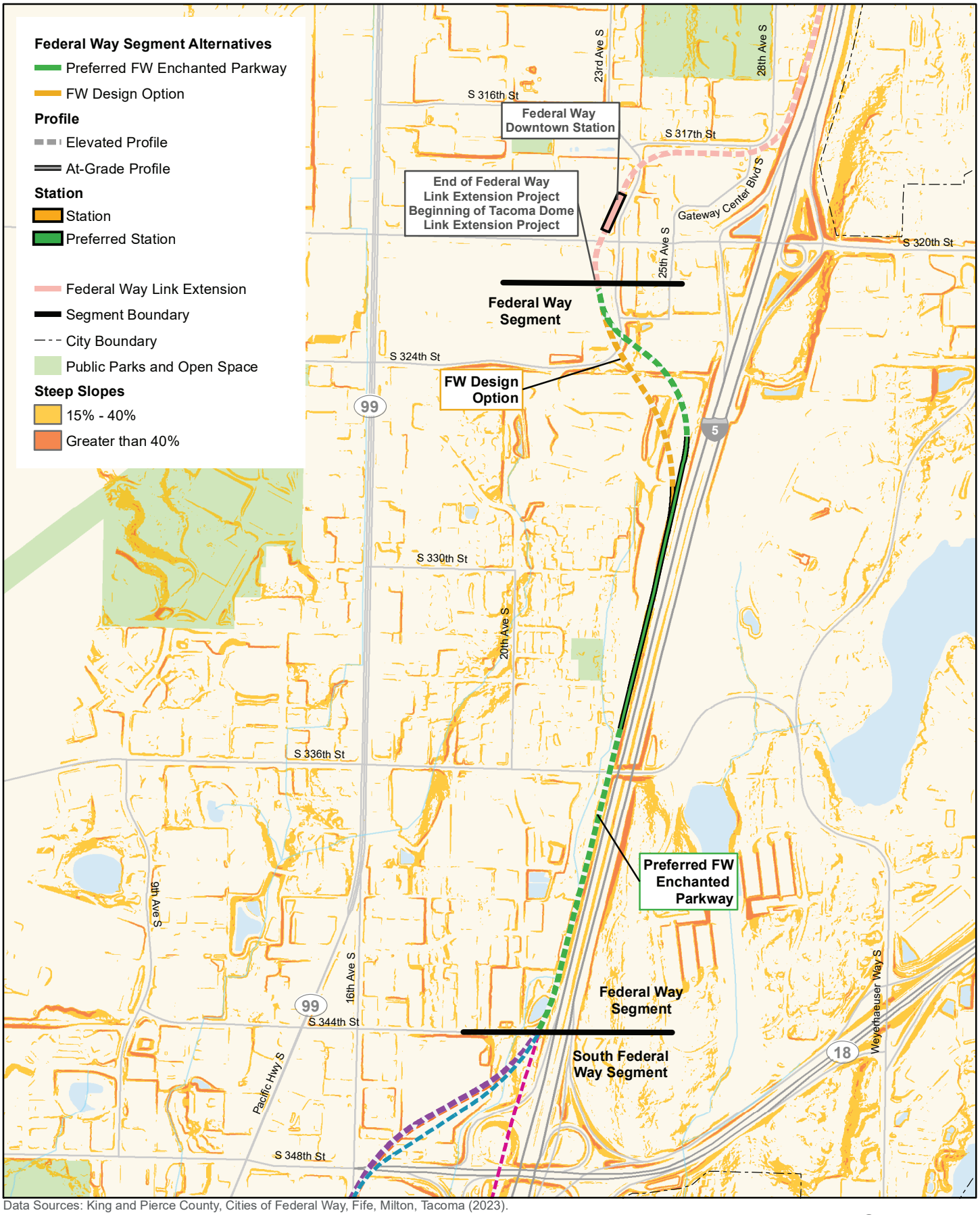

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-5
Steep Slopes
Federal Way Segment

Tacoma Dome Link Extension

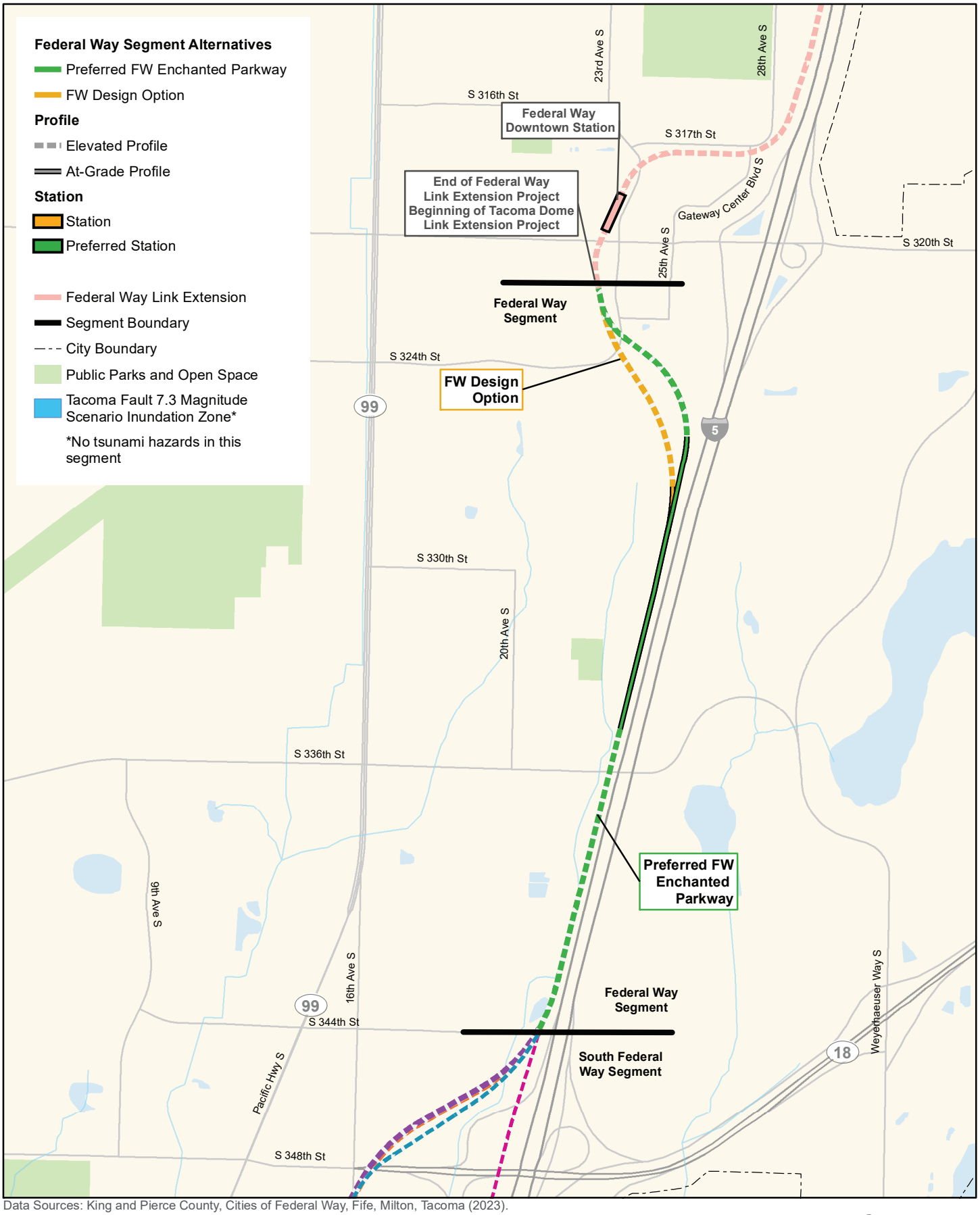

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-6
Tsunami Hazards
Federal Way Segment

Tacoma Dome Link Extension

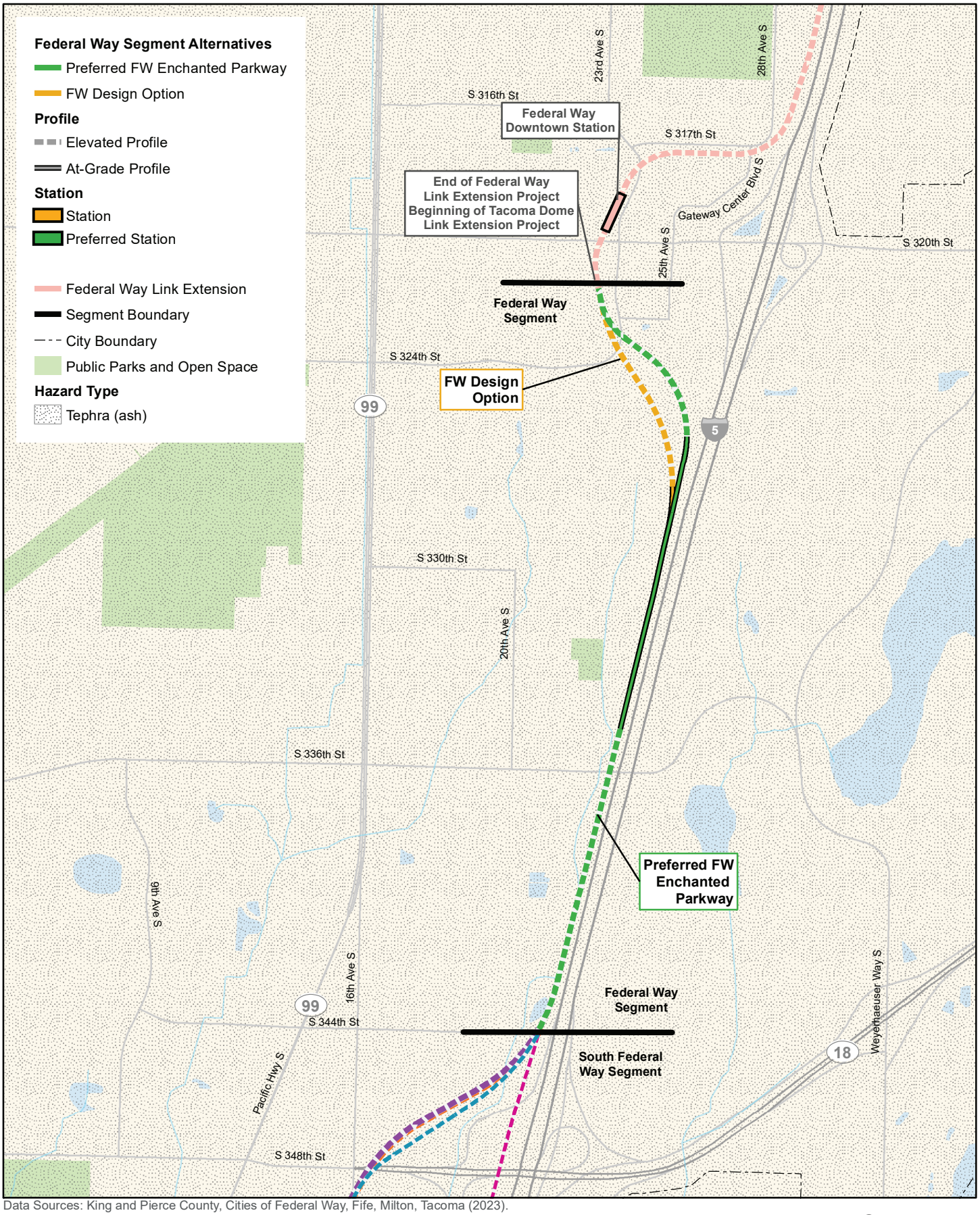

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-7
Volcanic Hazards
Federal Way Segment

Tacoma Dome Link Extension

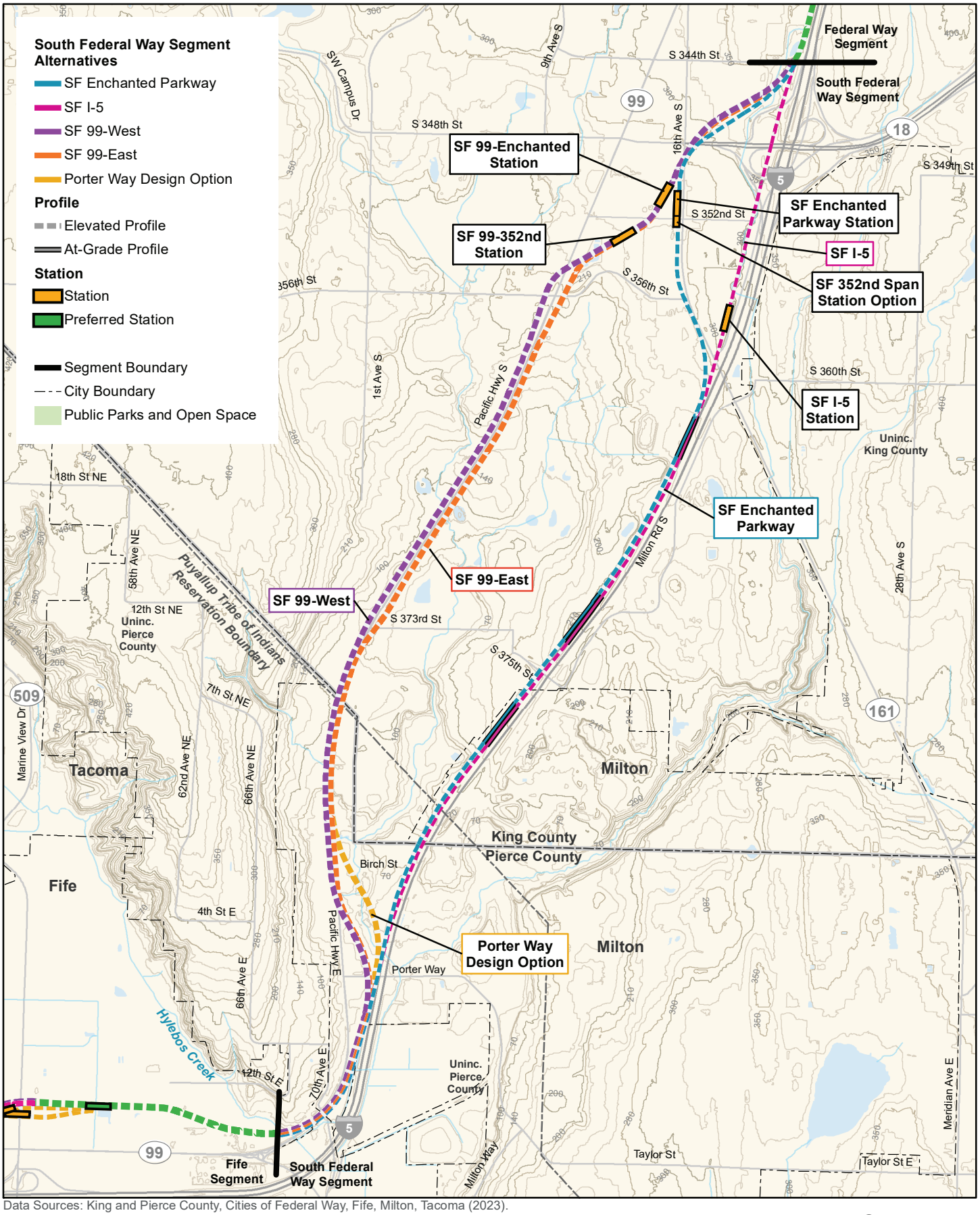

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-8
Topography
South Federal Way Segment

Tacoma Dome Link Extension

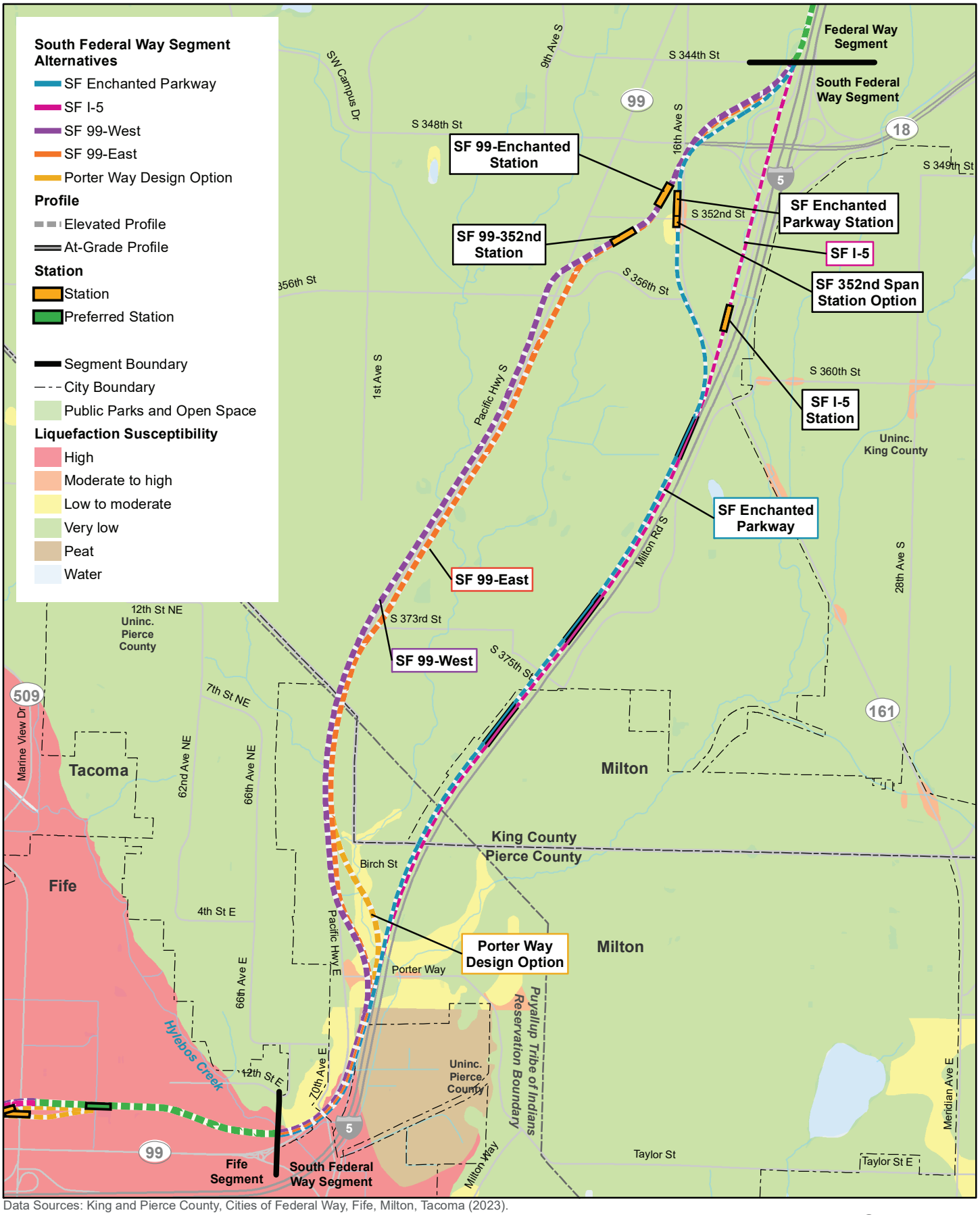

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-9
Seismic Hazards
South Federal Way Segment

Tacoma Dome Link Extension

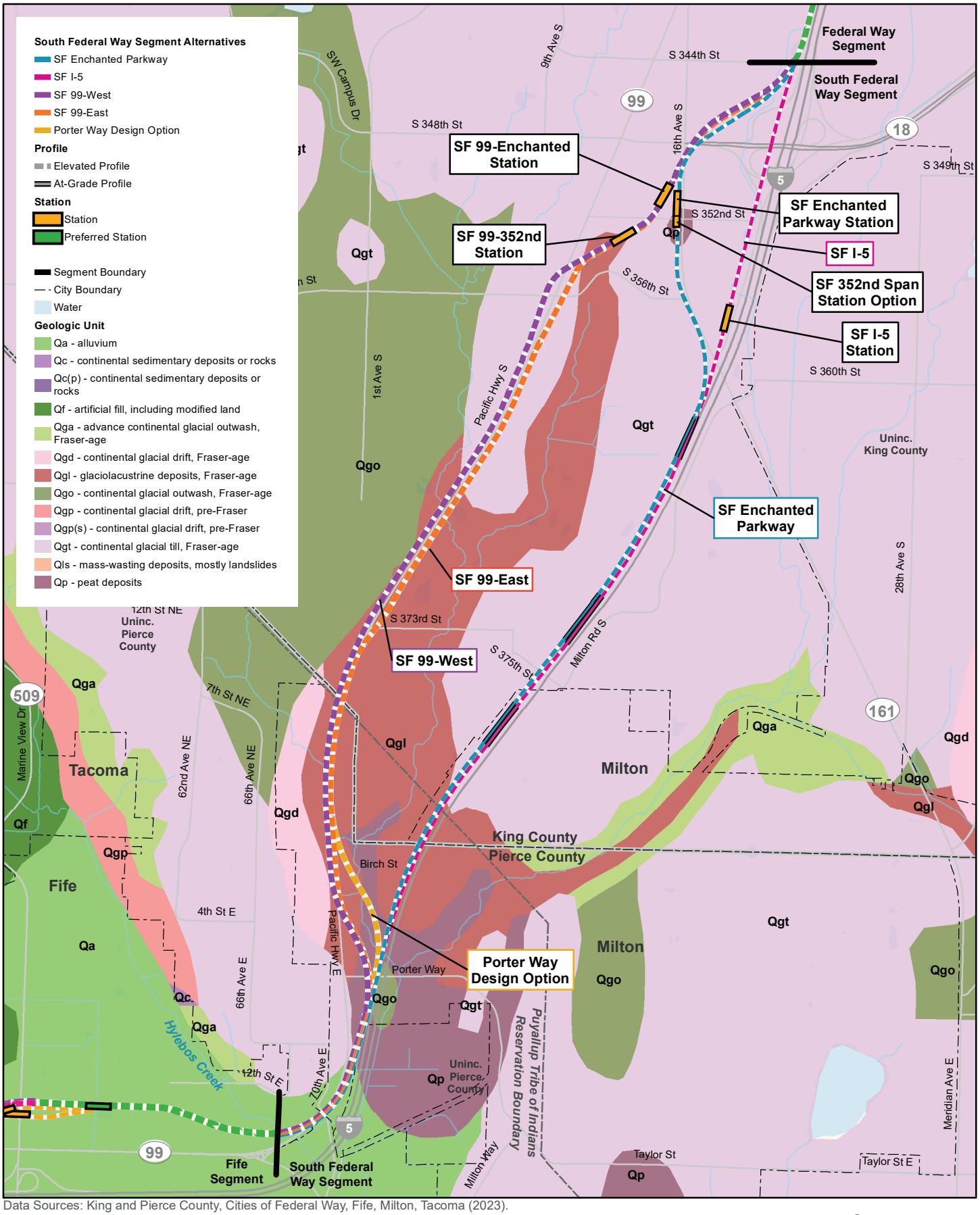

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-10
Surface Geology
South Federal Way Segment

Tacoma Dome Link Extension

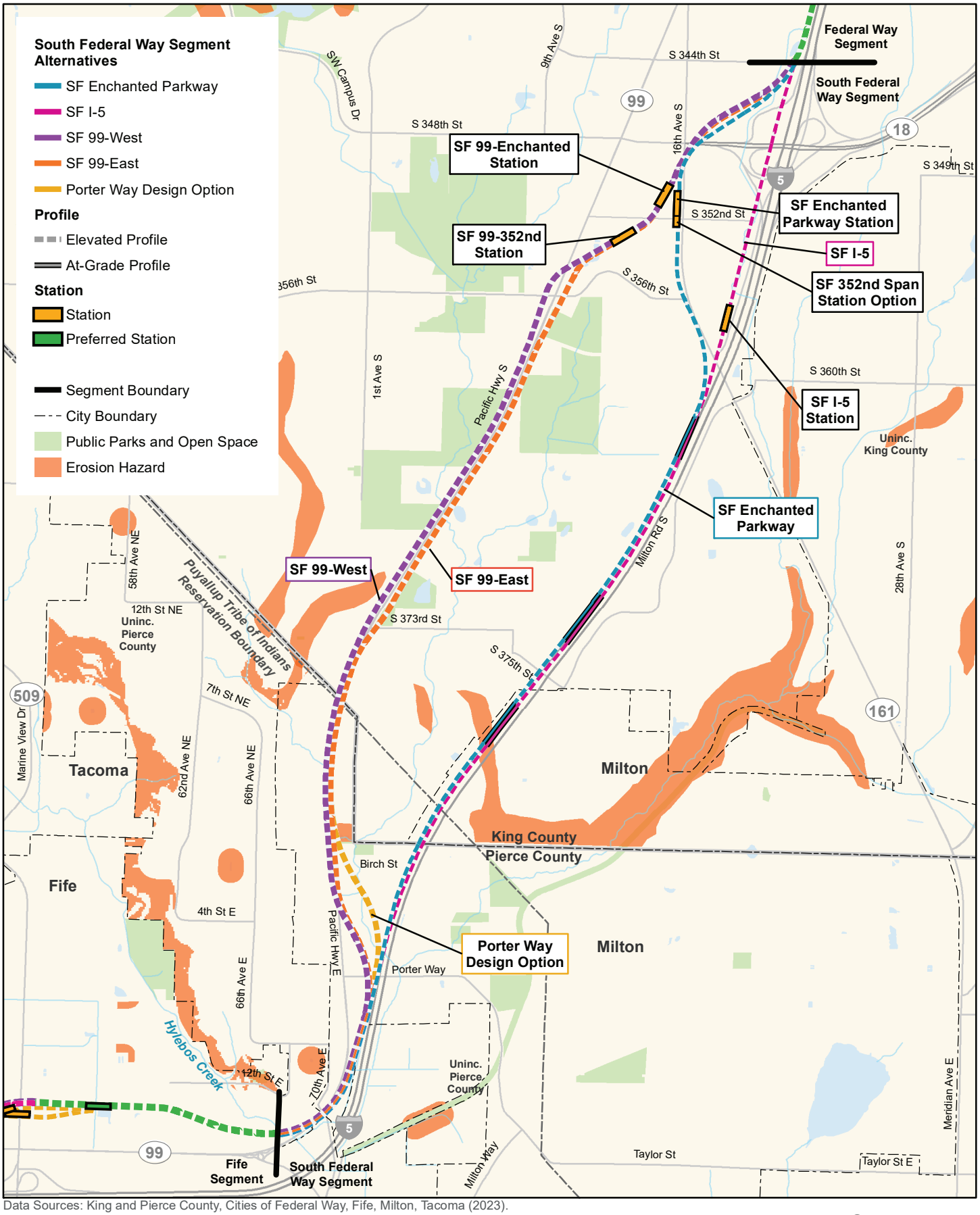

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-11
Erosion Hazards
South Federal Way Segment

Tacoma Dome Link Extension

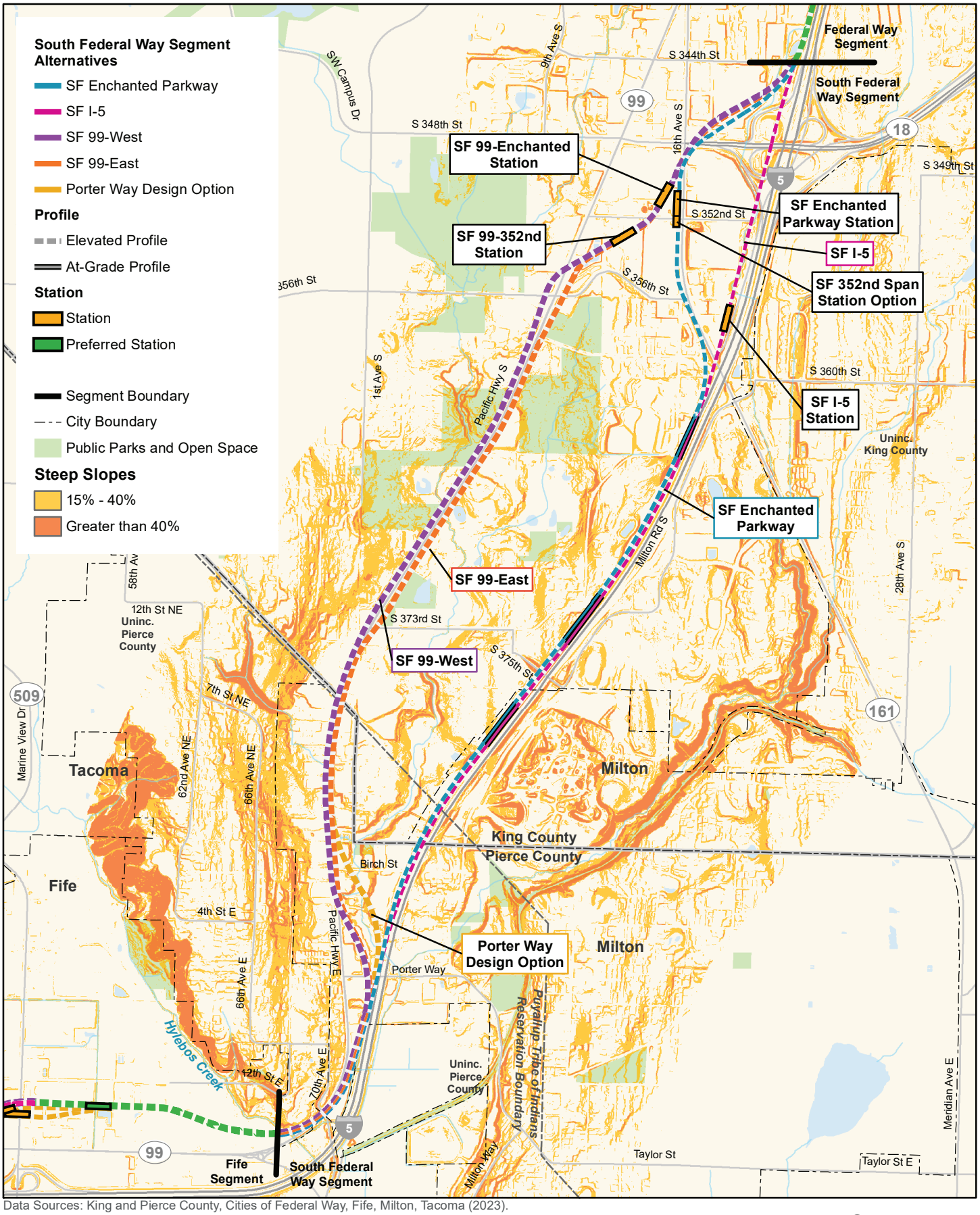

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-12
Steep Slopes
South Federal Way Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-13
Tsunami Hazards
South Federal Way Segment

Tacoma Dome Link Extension

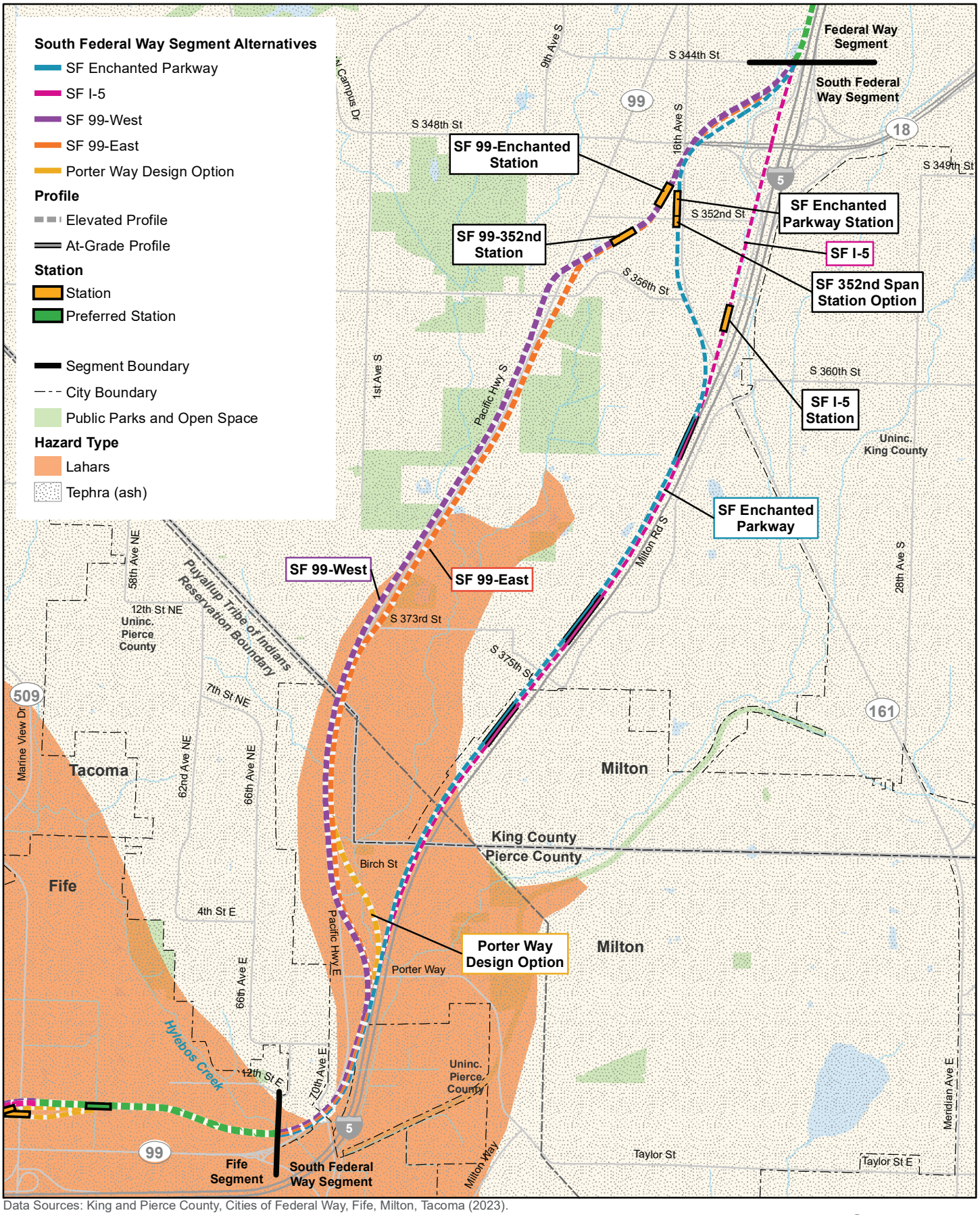

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-14
Volcanic Hazards
South Federal Way Segment

Tacoma Dome Link Extension

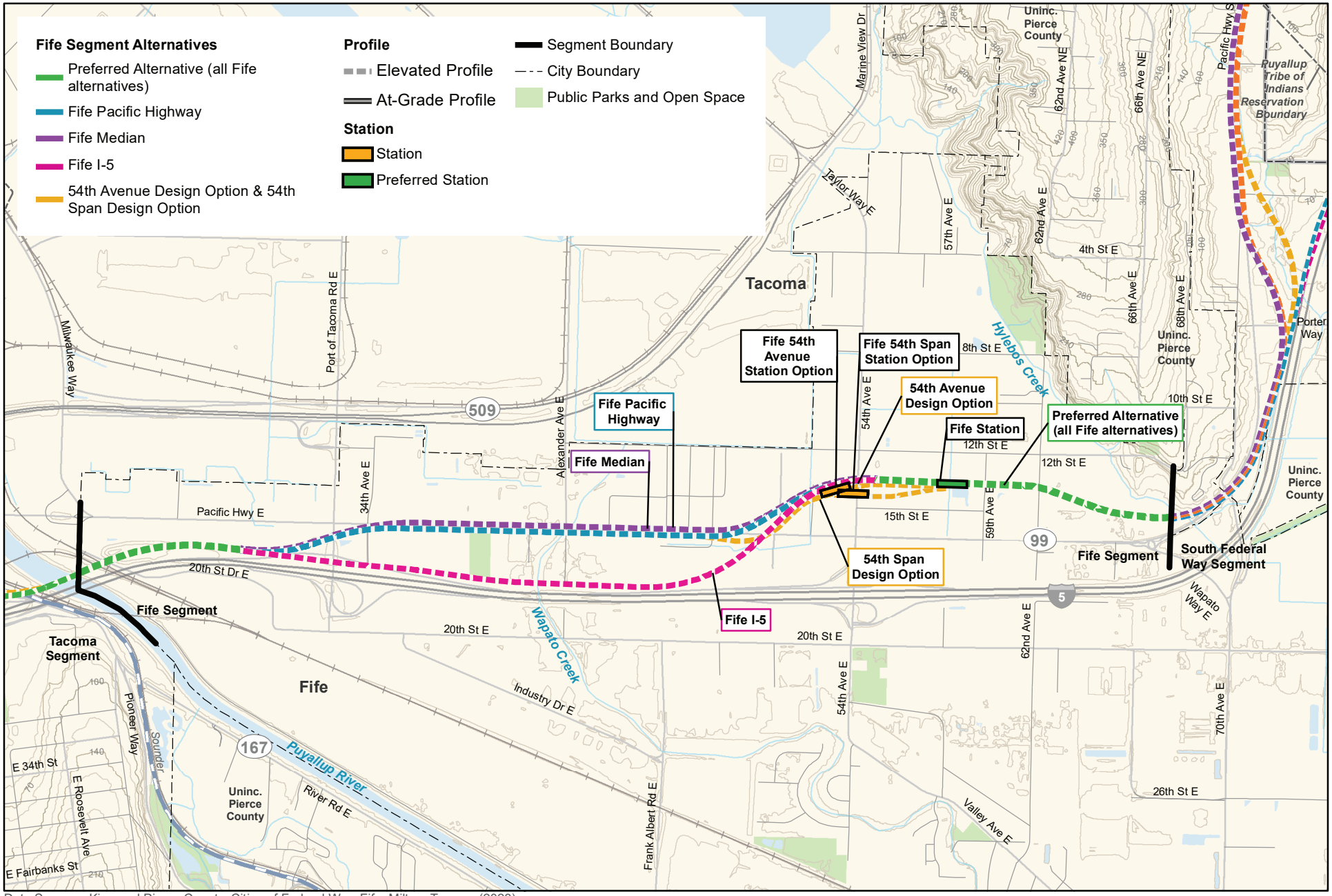

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-15
Topography
Fife Segment

Tacoma Dome Link Extension

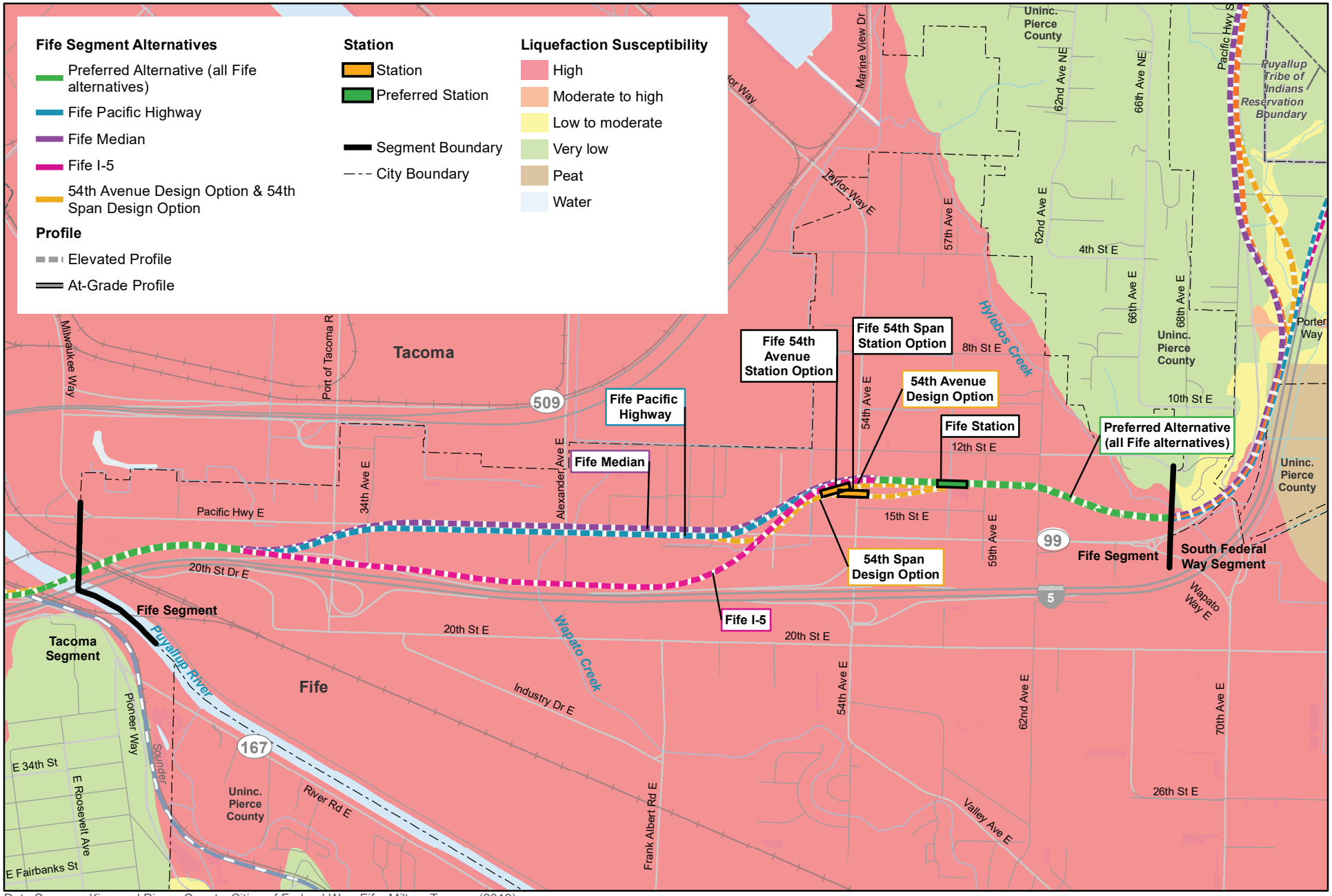

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE H6-16
Seismic Hazards
Fife Segment

Tacoma Dome Link Extension

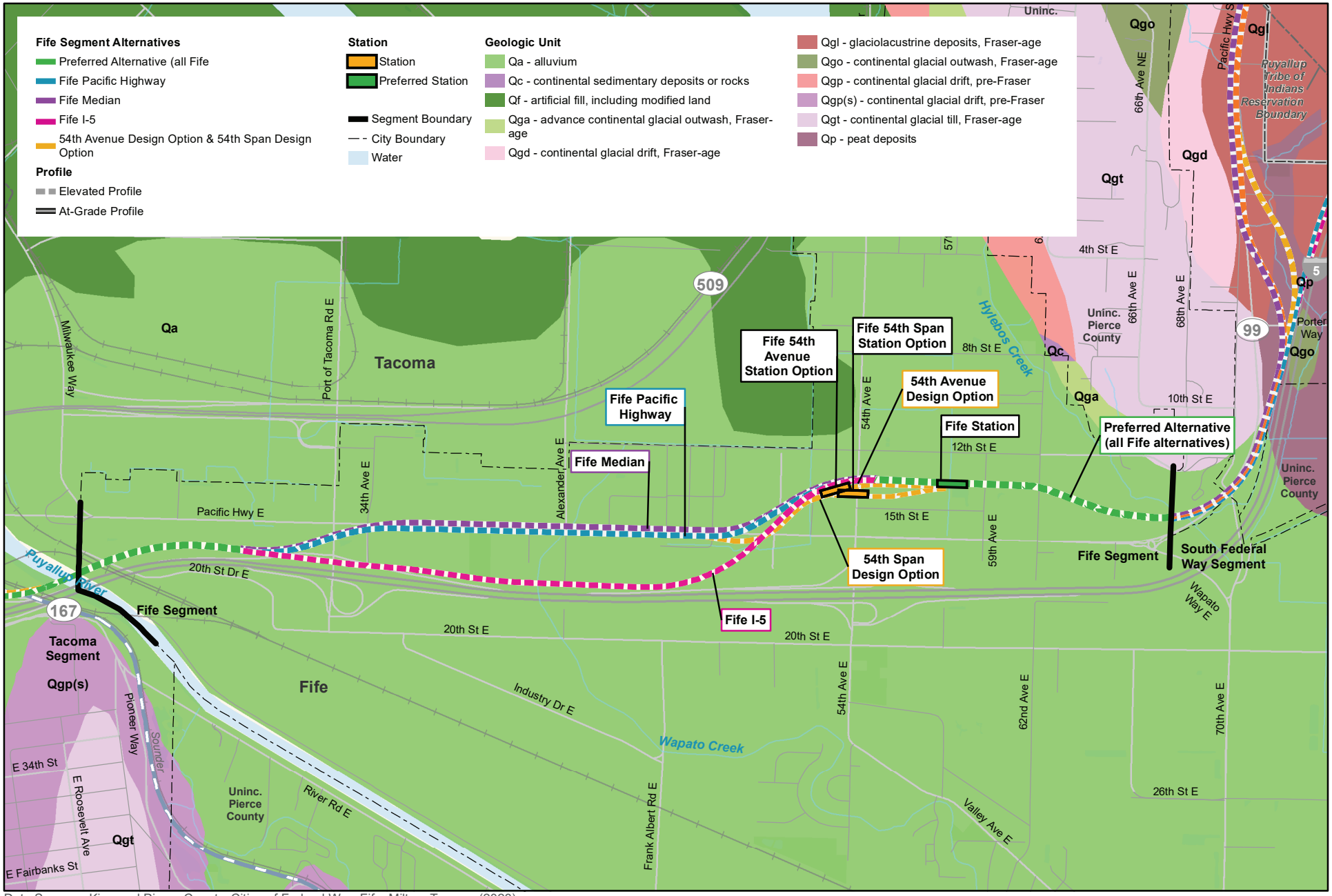

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-17
Surface Geology
Fife Segment

Tacoma Dome Link Extension

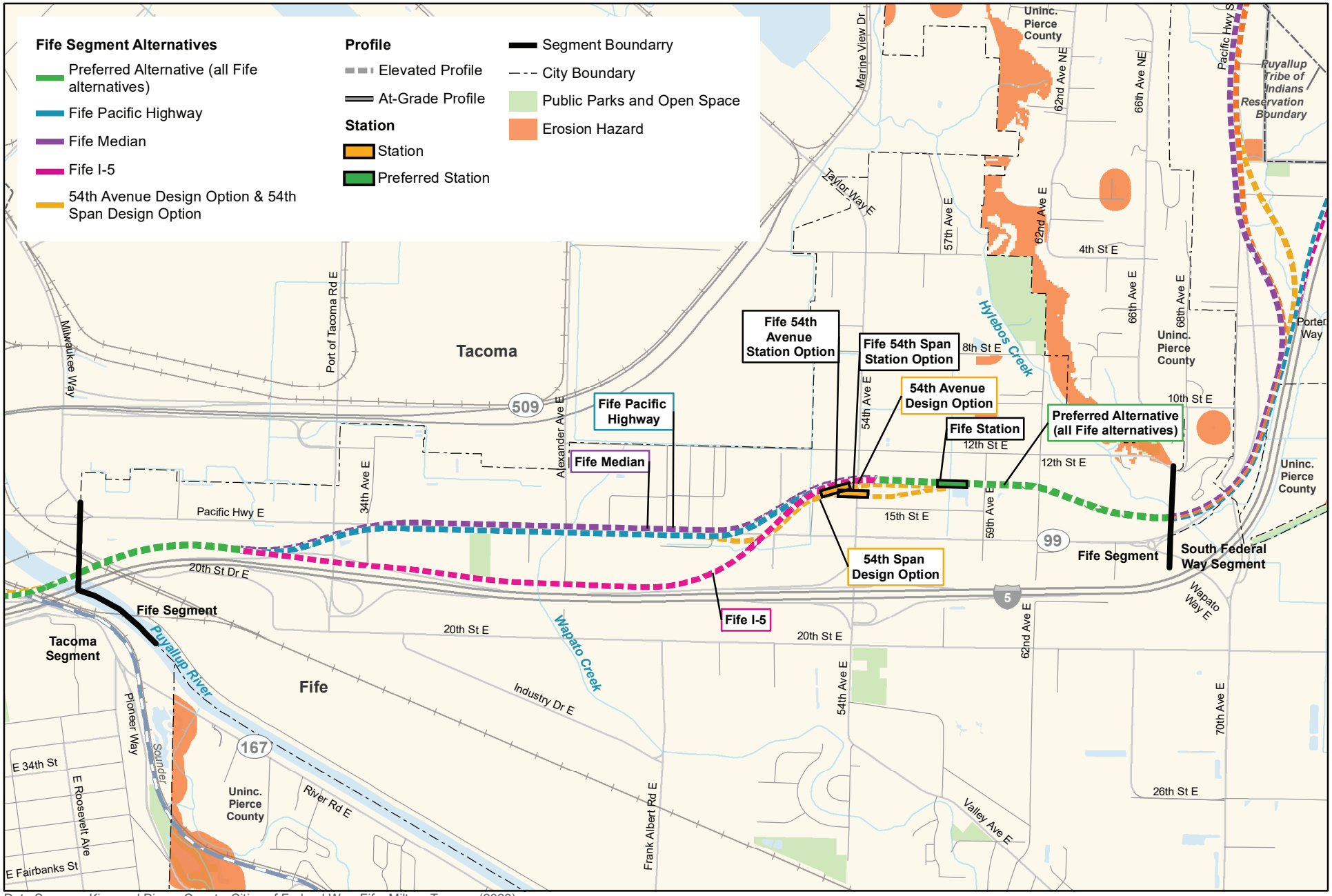

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-18
Erosion Hazards
Fife Segment

Tacoma Dome Link Extension

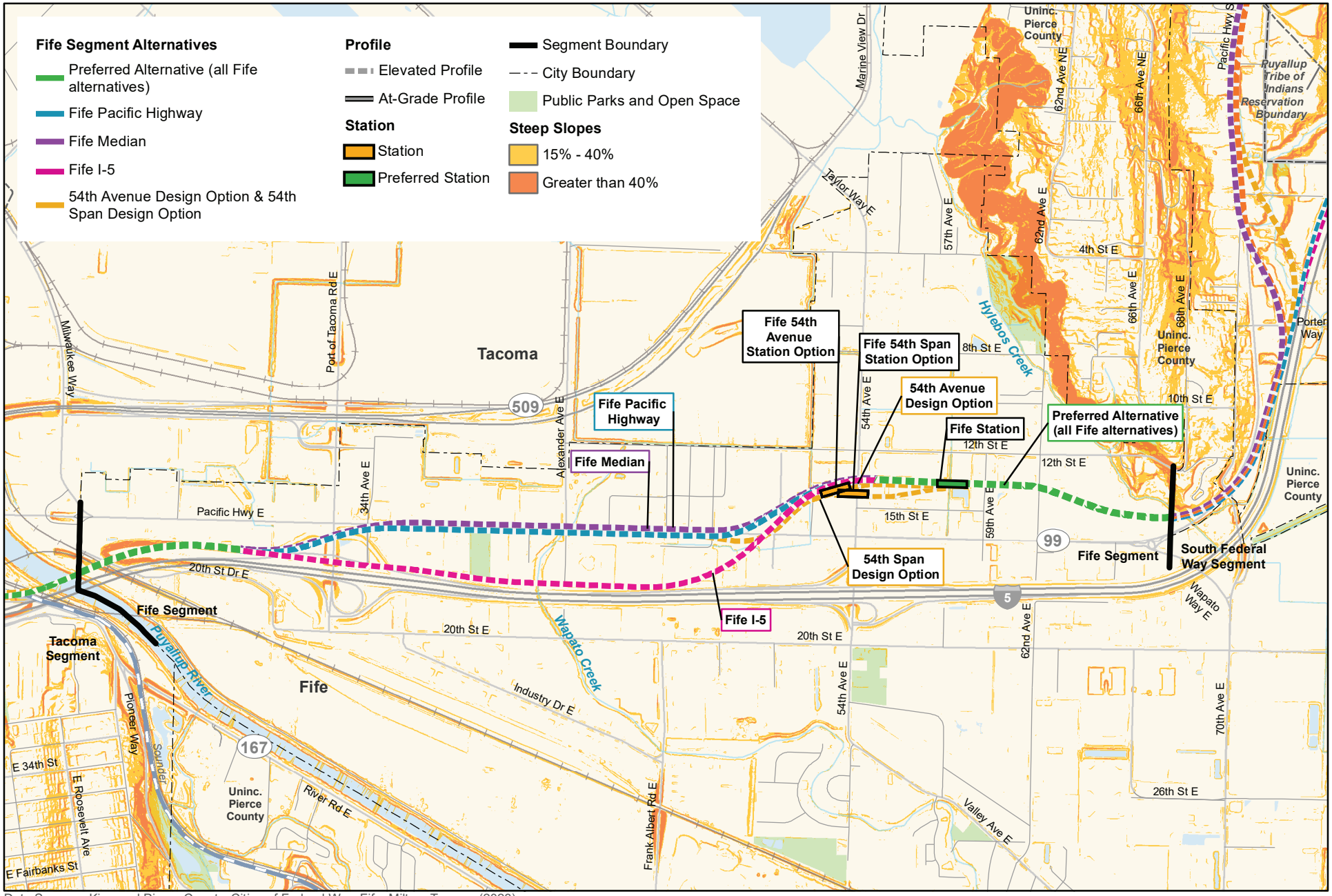

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-19
Steep Slopes
Fife Segment

Tacoma Dome Link Extension

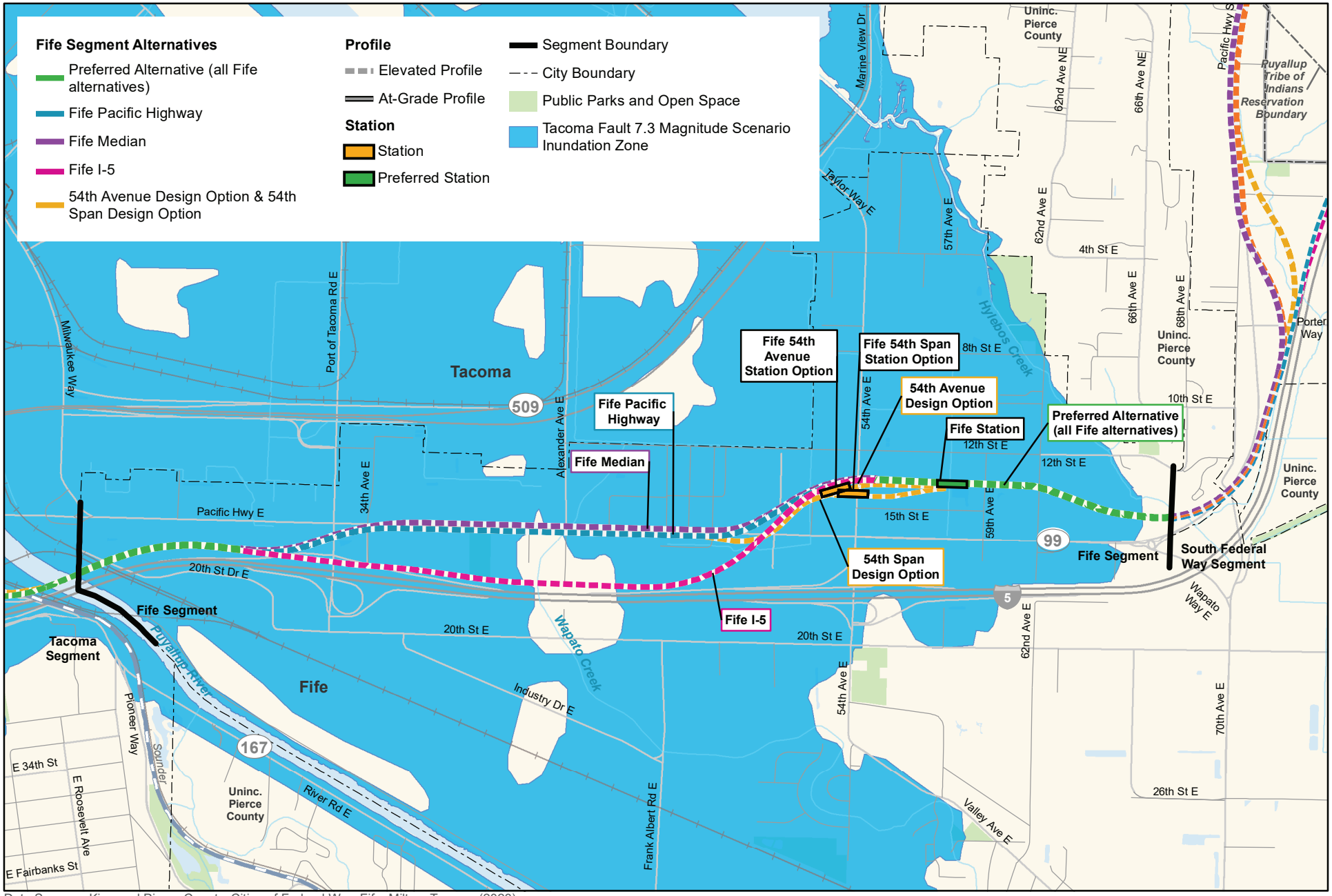

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-20
Tsunami Hazards
Fife Segment

Tacoma Dome Link Extension

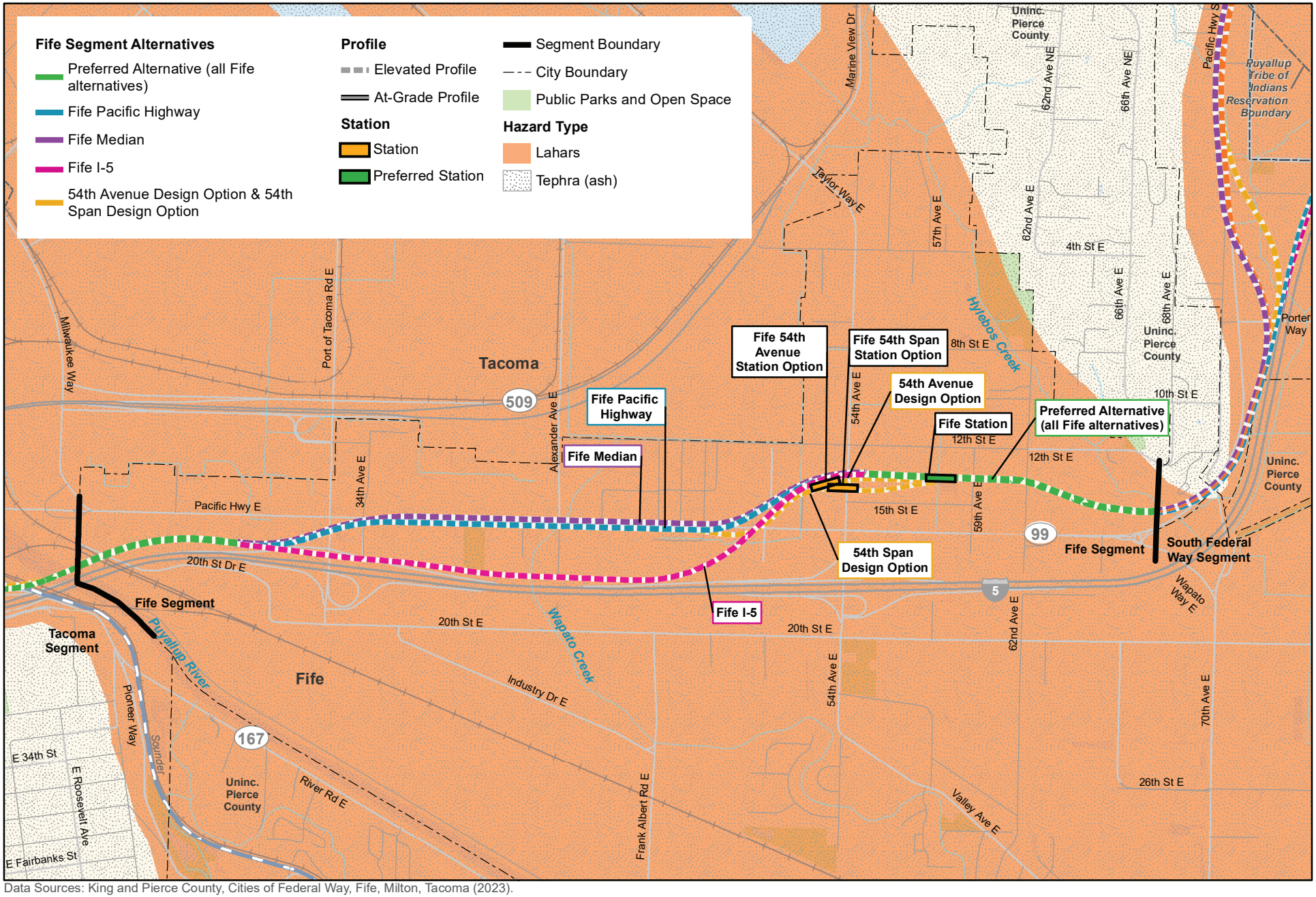

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-21
Volcanic Hazards
Fife Segment

Tacoma Dome Link Extension

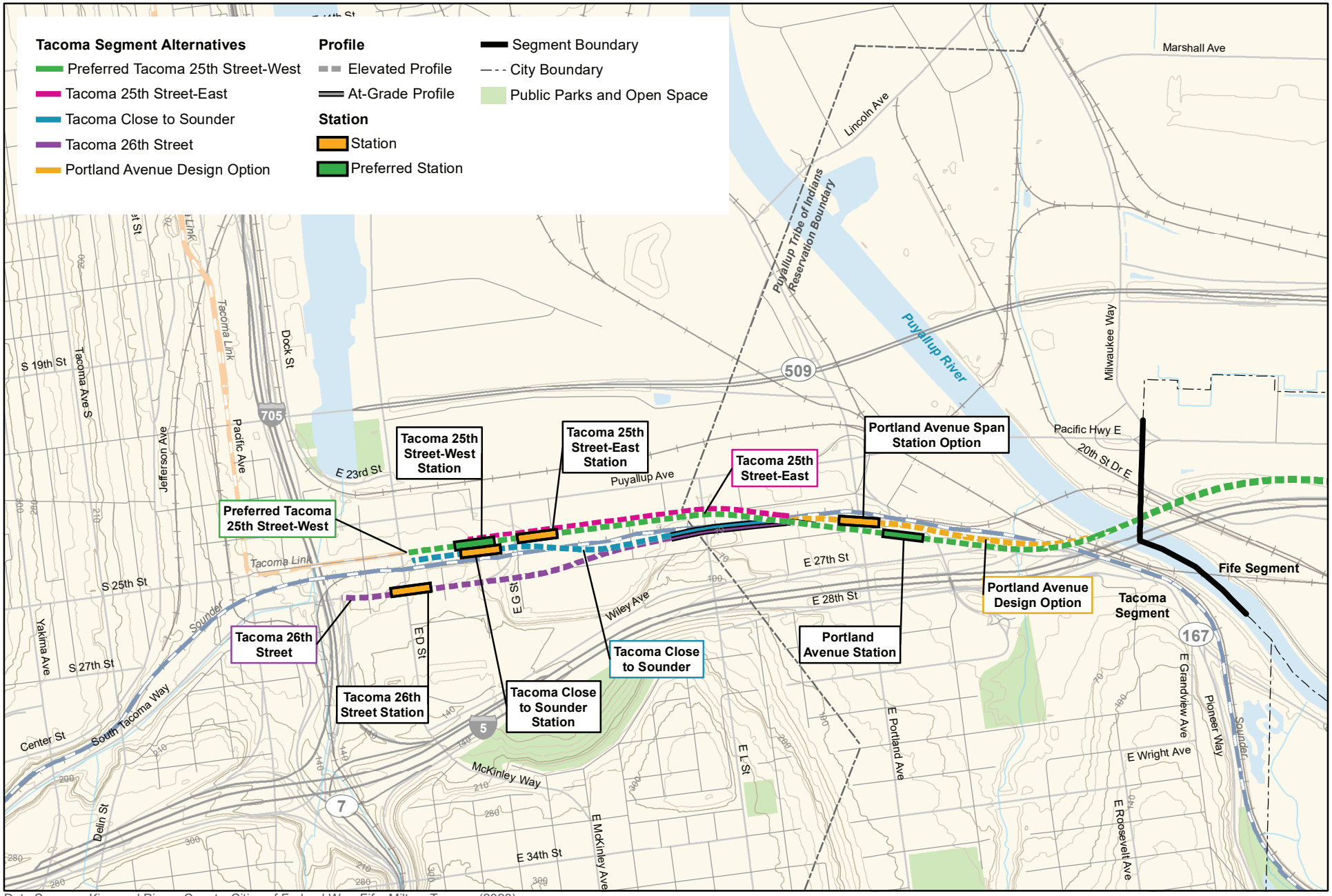

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-22
Topography
Tacoma Segment

Tacoma Dome Link Extension

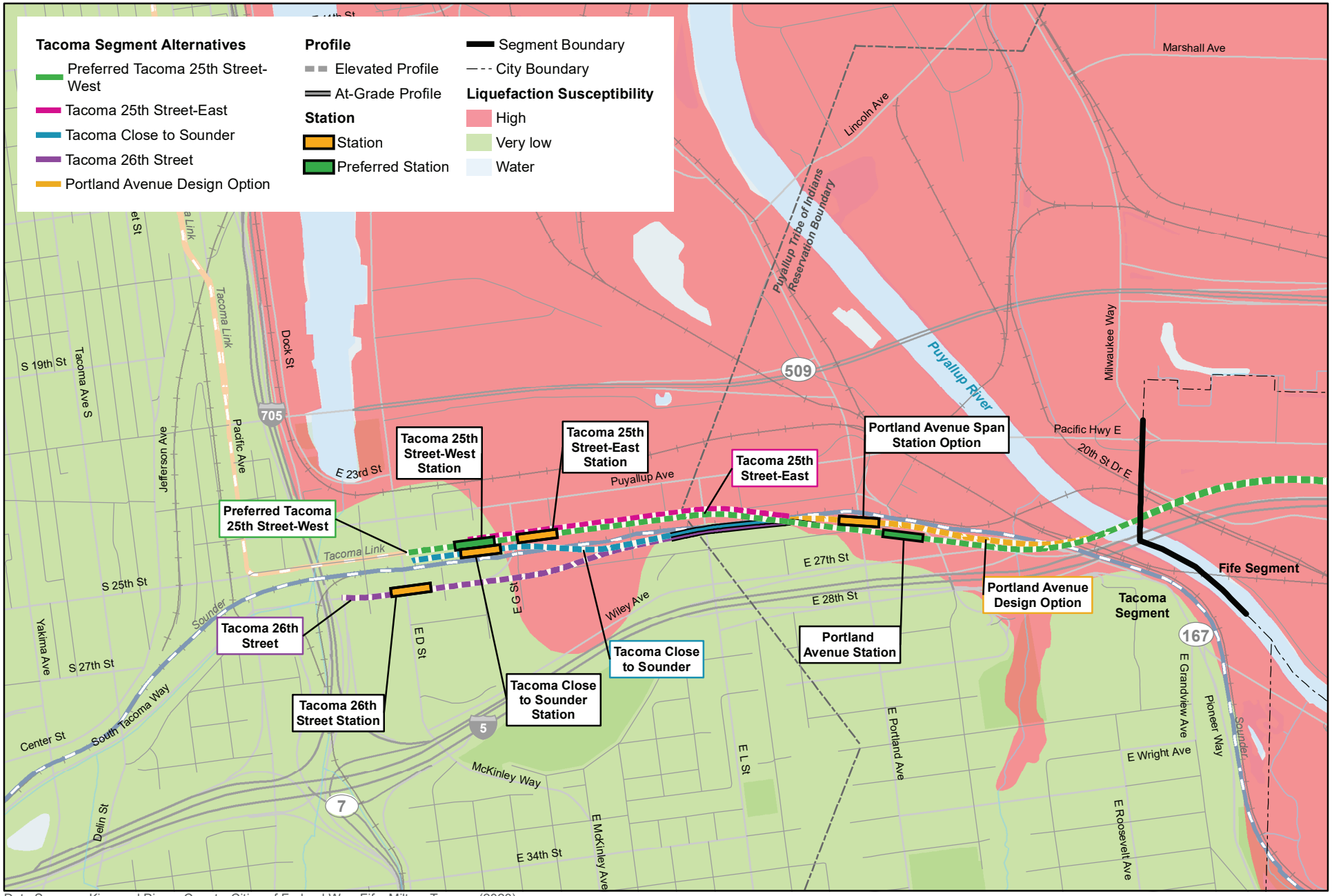

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-23
Seismic Hazards
Tacoma Segment

Tacoma Dome Link Extension

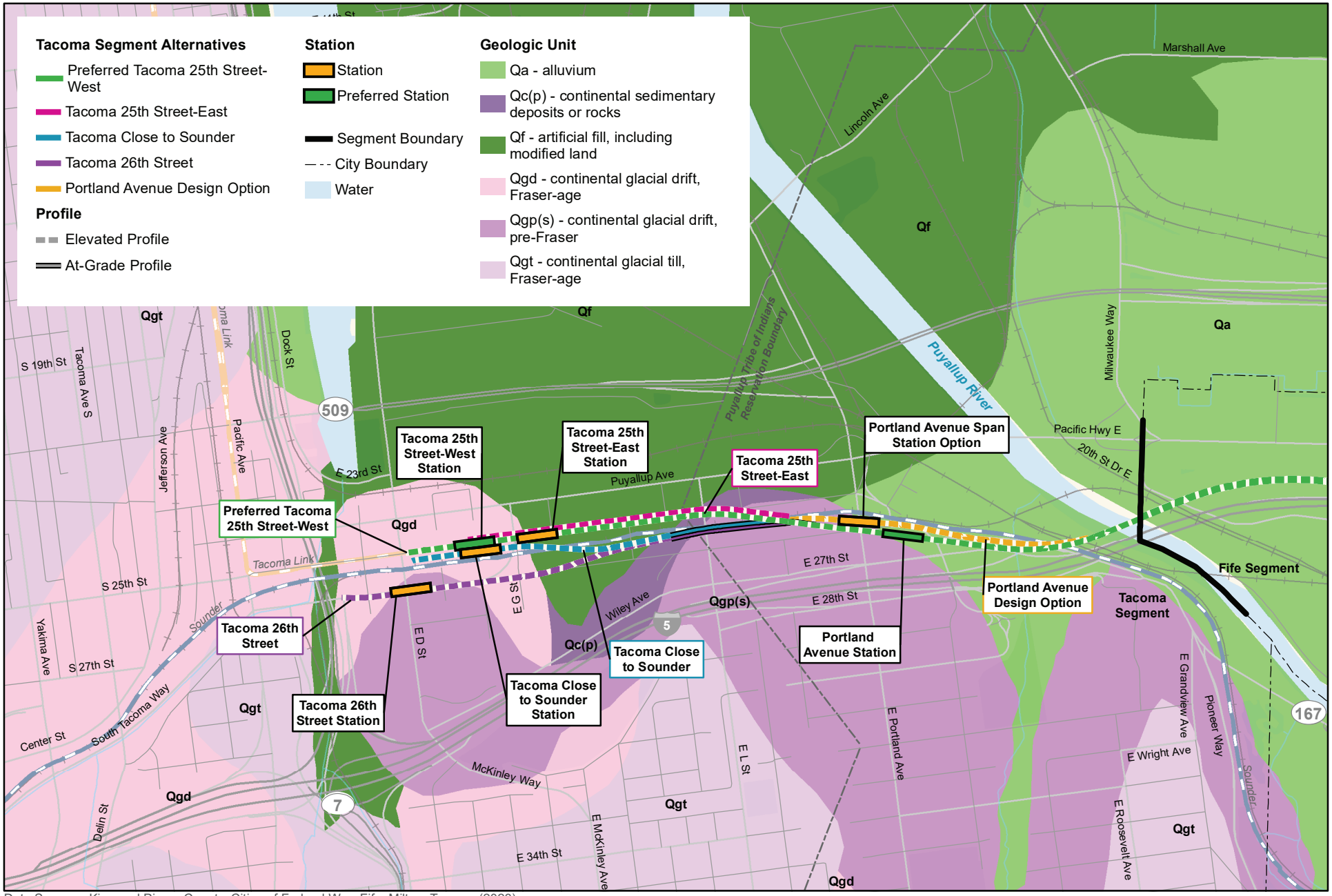

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-24
Surface Geology
Tacoma Segment

Tacoma Dome Link Extension

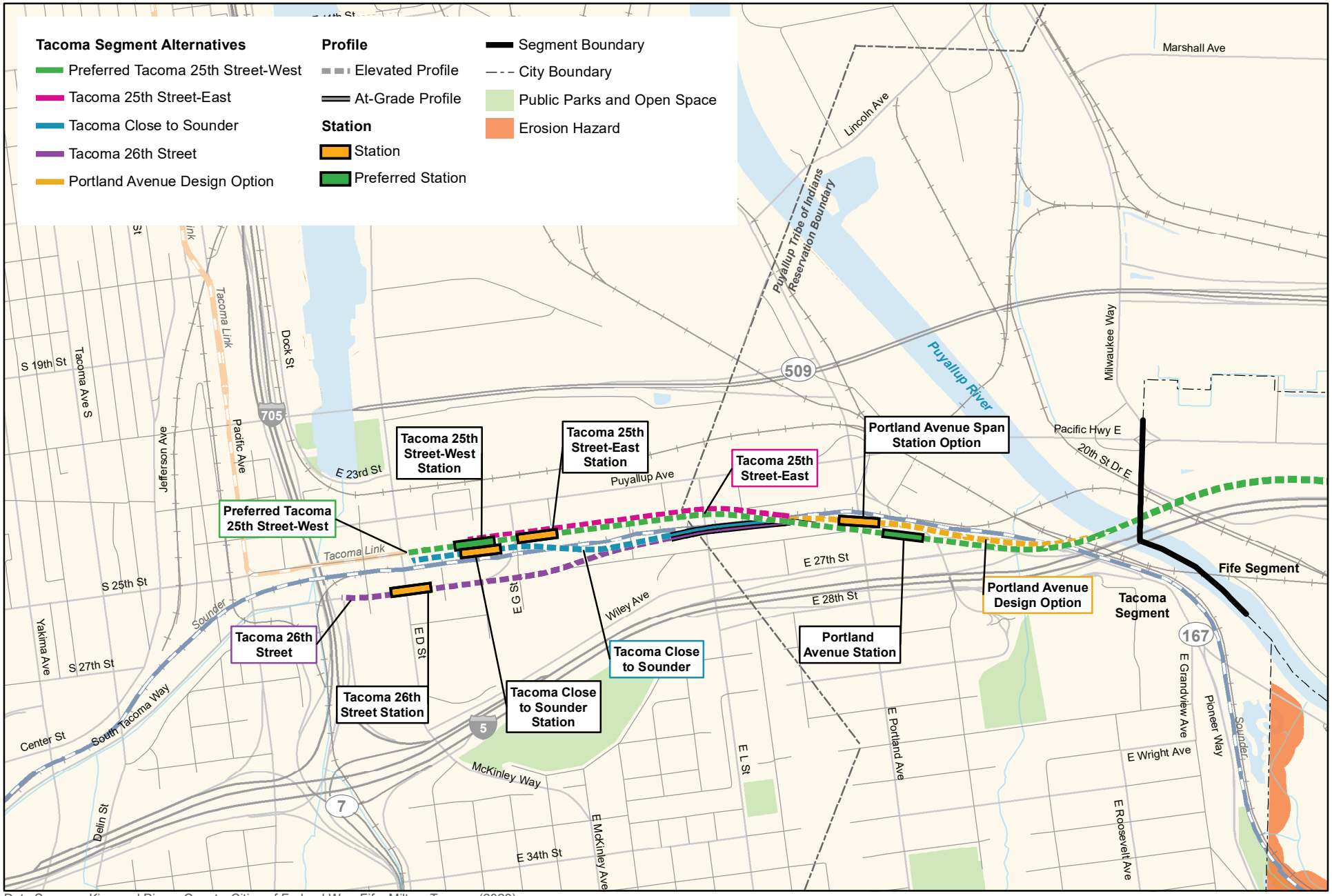

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-25
Erosion Hazards
Tacoma Segment

Tacoma Dome Link Extension

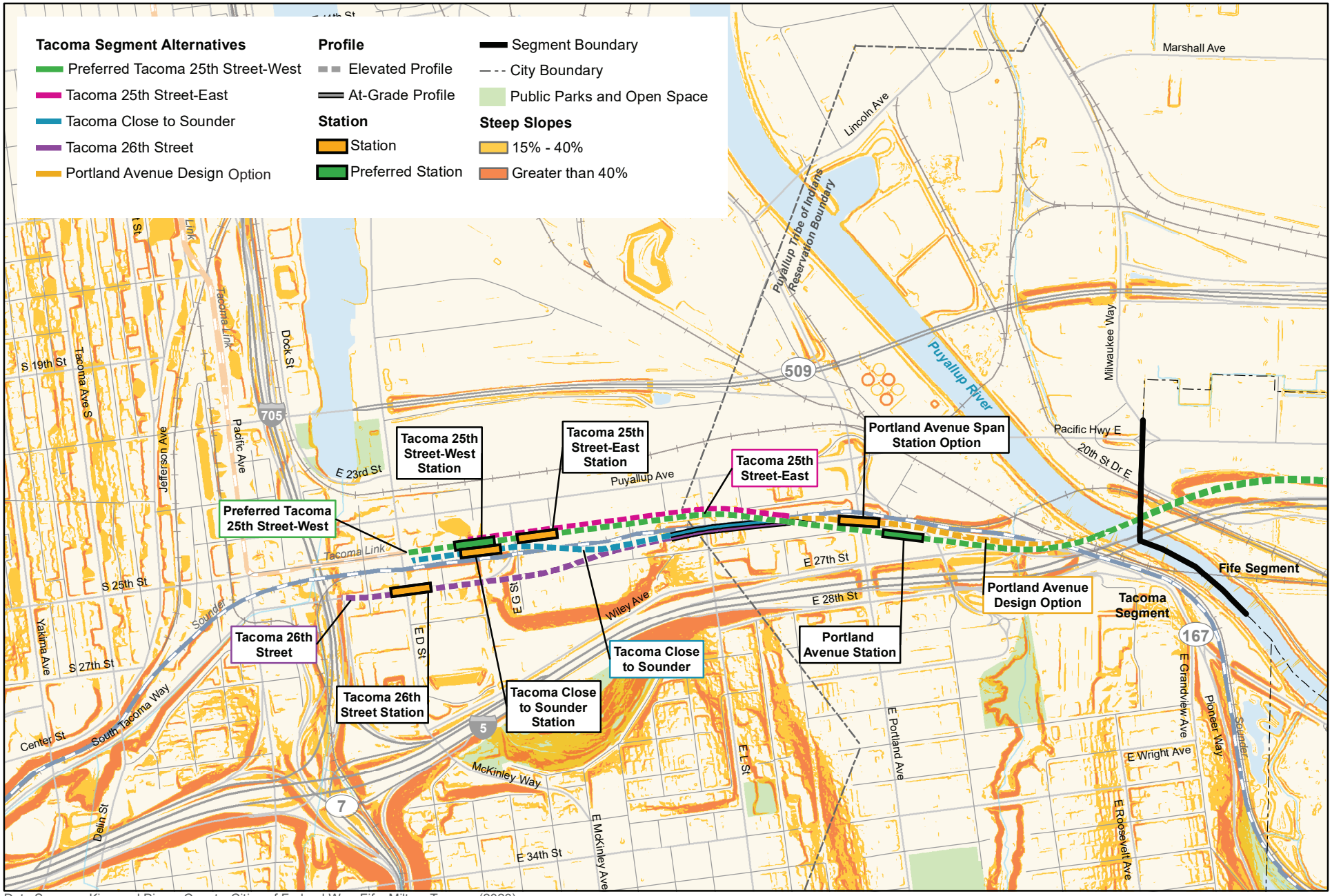

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-26
Steep Slopes
Tacoma Segment

Tacoma Dome Link Extension

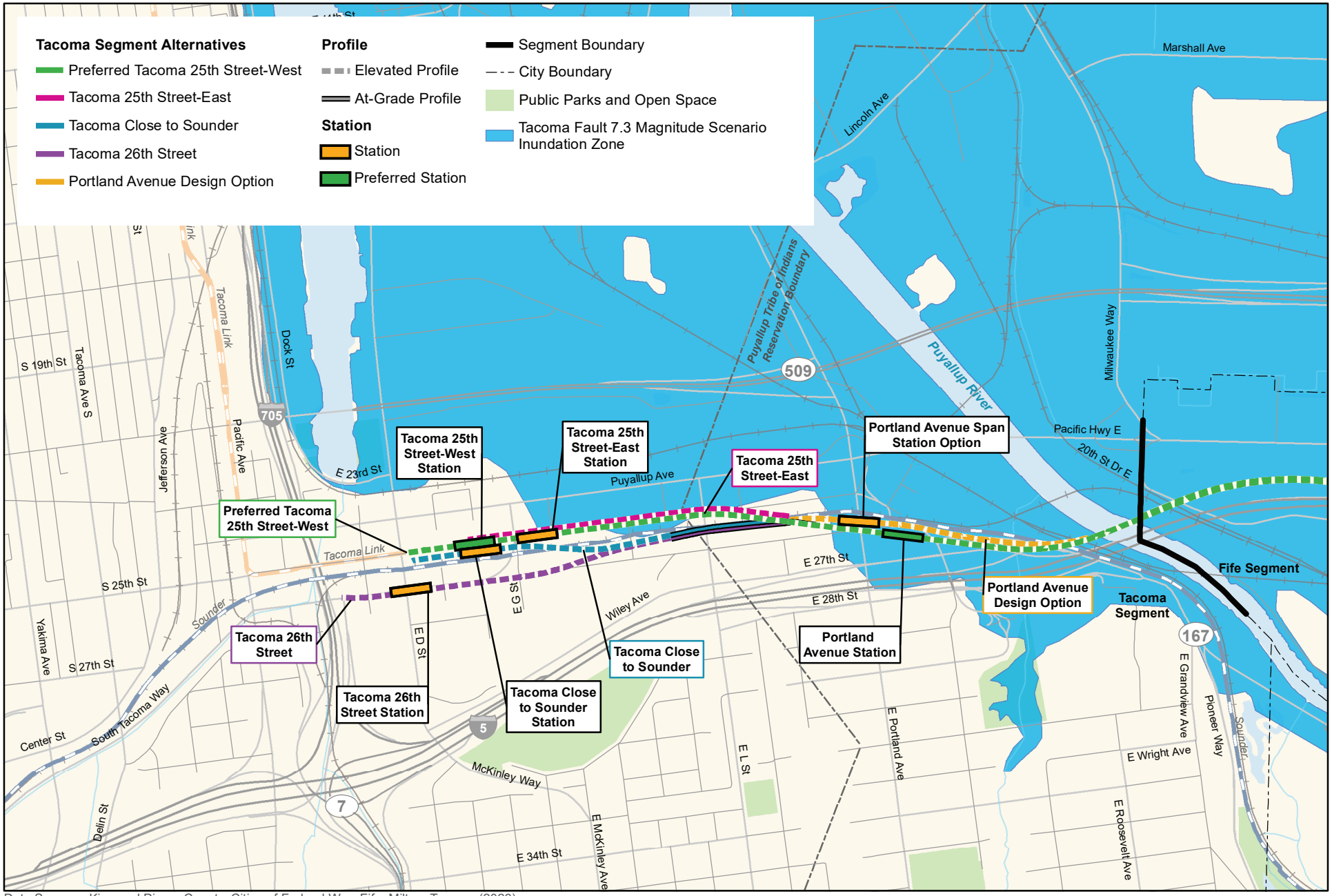

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-27
Tsunami Hazards
Tacoma Segment

Tacoma Dome Link Extension

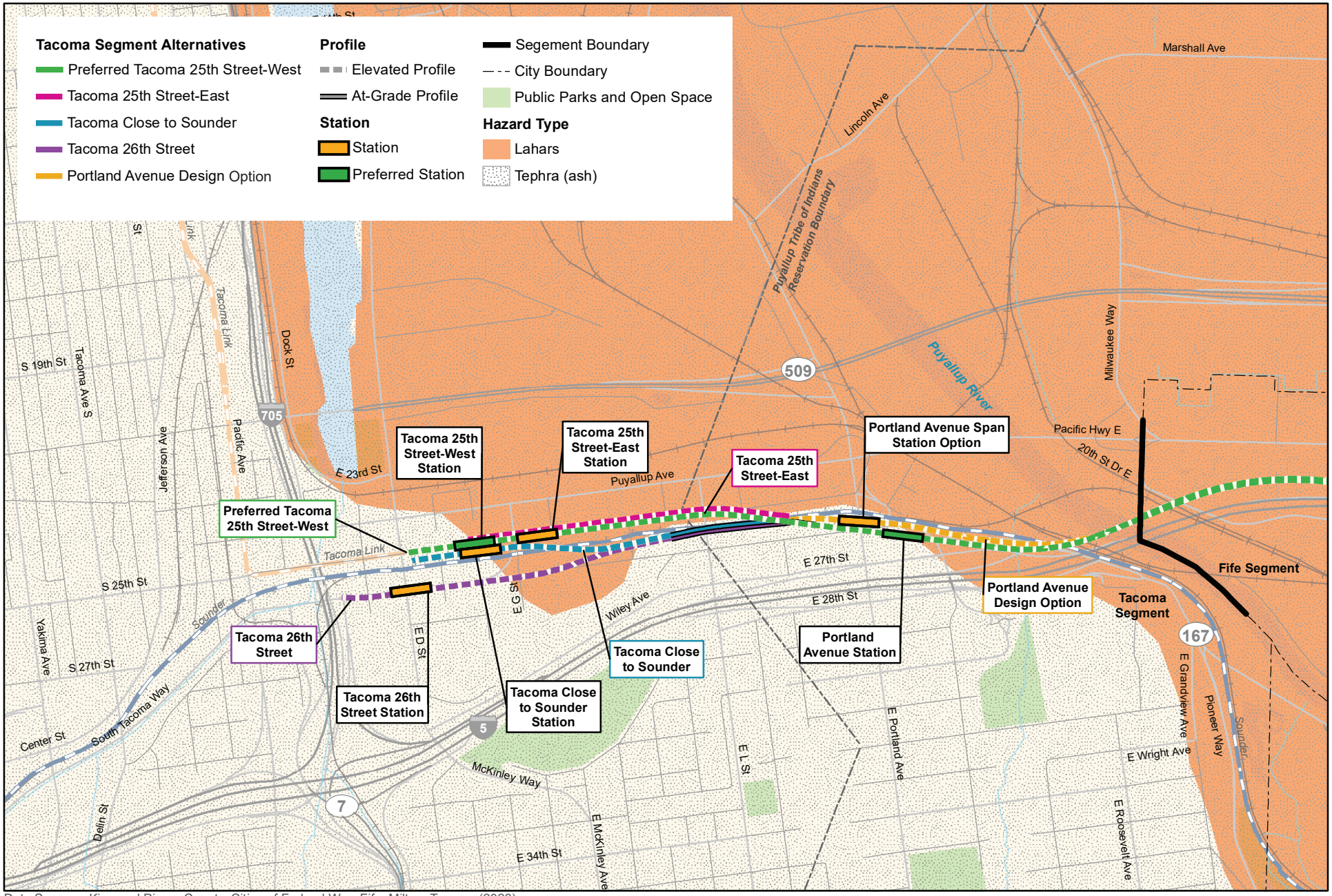

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H6-28
Volcanic Hazards
Tacoma Segment

Tacoma Dome Link Extension

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

HAZARDOUS MATERIALS SUPPORTING INFORMATION

Appendix H7

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Figure H7-8 Hazardous Materials Sites, Tacoma 25th Street-East Alternative H7-20

Figure H7-9 Hazardous Materials Sites, Tacoma Close to Sounder Alternative H7-22

Figure H7-10 Hazardous Materials Sites, Tacoma 26th Street Alternative H7-24

Figure H7-11 Tacoma Smelter Plume H7-26

Tables

Table H7-1. Potential Impacts of High-Risk Hazardous Materials Sites by Alternative H7-27

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative H7-28

Attachments

(available on the project website or USB Flash Drive attached to the Draft EIS)

Attachment A	Phase I Environmental Site Assessment TD 3244, TD 3245, TD 3246, TD 3247 USG Highway 99 7110 Pacific Highway E Milton, Washington
Attachment B	Phase I Environmental Site Assessment TD 3947, TD 3933 Gull Station 4310 Pacific Highway E Tacoma, Washington
Attachment C	Phase I Environmental Site Assessment TD 4030 Fife RV Center (East Property) 3520 Pacific Highway E Fife, Washington
Attachment D	Phase I Environmental Site Assessment TD 4047 Fife RV Center (West Property) 3410 Pacific Highway E Fife, Washington
Attachment E	Phase I Environmental Site Assessment TD 4435 and TD 4443 U-Haul (North Property) 704 and 716 Puyallup Avenue Tacoma, Washington
Attachment F	Phase I Environmental Site Assessment TD 4437 U-Haul (South Property) 725 E 25th Street Tacoma, Washington
Attachment G	Phase I Environmental Site Assessment TD 4461, TD 4476, TD 4506 Freighthouse Square 2501 East D Street and 602 E 25th Street Tacoma, Washington

Acronyms and Abbreviations

ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Sites
CSCSL	Confirmed and Suspected Contaminated Sites List
CSCSL-NFA	Confirmed and Suspected Contaminated Sites List – No Further Action
CWA	Clean Water Act
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FHWA	Federal Highway Administration
LUST	leaking underground storage tank
MTCA	Model Toxics Control Act
NFA	No Further Action
NFRAP	no further remedial action planned
NPL	National Priorities List
RCRA	Resource Conservation and Recovery Act
RCW	Revised Code of Washington
SARA	Superfund Amendments and Reauthorization Act
TCE	temporary construction easements
TDLE	Tacoma Dome Link Extension
TSCA	Toxic Substances Control Act
U.S.C.	United States Code
UST	underground storage tank
VCP	Voluntary Cleanup Program
WAC	Washington Administrative Code
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

This technical appendix details the specific ranking methodology of hazardous materials database sites, the databases themselves, and the complete results of the analysis. The analysis was developed to comply with the National Environmental Policy Act (NEPA) and federal, state, and local policies, standards, and regulations. This appendix does not address the methodology or results of other parts of the Tacoma Dome Link Extension (TDLE) Draft Environmental Impact Statement Hazardous Materials Analysis (historical review, including fire insurance maps, historical aerial photographs, and site reconnaissance).

1.1 Introduction to Resources and Regulatory Requirements

- A hazardous material is any substance that – because of its quantity, concentration, or physical or chemical properties – may pose a hazard to human health and the environment either by itself or through interaction with other factors. Hazardous materials in various forms can cause death, serious injury, long-lasting health effects, and damage to buildings, homes, and other property. Hazards to human health and the environment can occur during production, storage, transportation, use, or disposal of these materials.
- Hazardous materials or substances, hazardous wastes, petroleum products and wastes, and contaminated environmental media (including soils, sediments, surface water, and groundwater) are present within the study area and could potentially result in impacts on human health and the environment during construction activities or long-term operation activities.
- The hazardous materials analysis identified properties in proximity to the Tacoma Dome Link Extension (TDLE) build alternatives that are recognized to have hazardous materials issues associated with current or historical site activities or that have a documented release to the environment. Types and locations of sites were identified to evaluate potential impacts on construction, property ownership, and general public health and safety.

1.2 Study Area

For the analysis of hazardous materials, the study area includes the area within 0.25 mile (1,320 feet) of either side of the project footprint and area used for construction, since potential impacts would likely be restricted to the immediate corridor of the build alternatives. The Environmental Data Resources Inc. (EDR) search distance was set to 1 mile of either side of the project footprint. Because of the large project footprint, only sites listed in priority databases indicating an impact on groundwater or a substantial hazardous material release were reviewed past 0.25 mile outside of the project footprint. The hazardous material sites for each TDLE alternative are shown on Figures H7-1 through H7-10. A map showing the location of the Tacoma smelter plume is shown on Figure H7-11.

1.3 Summary of Key Findings

During this analysis, 12 high-risk hazardous materials sites were identified. The impacts of these sites to the TDLE build alternatives are discussed in Section 4.12 of the TDLE Draft EIS. Table H7-1 identifies high impact sites that may be affected by each build alternative. Table H7-2 identifies the low-and medium-risk sites that may be affected by each build alternative. There are no high-risk sites in the Federal Way Segment.

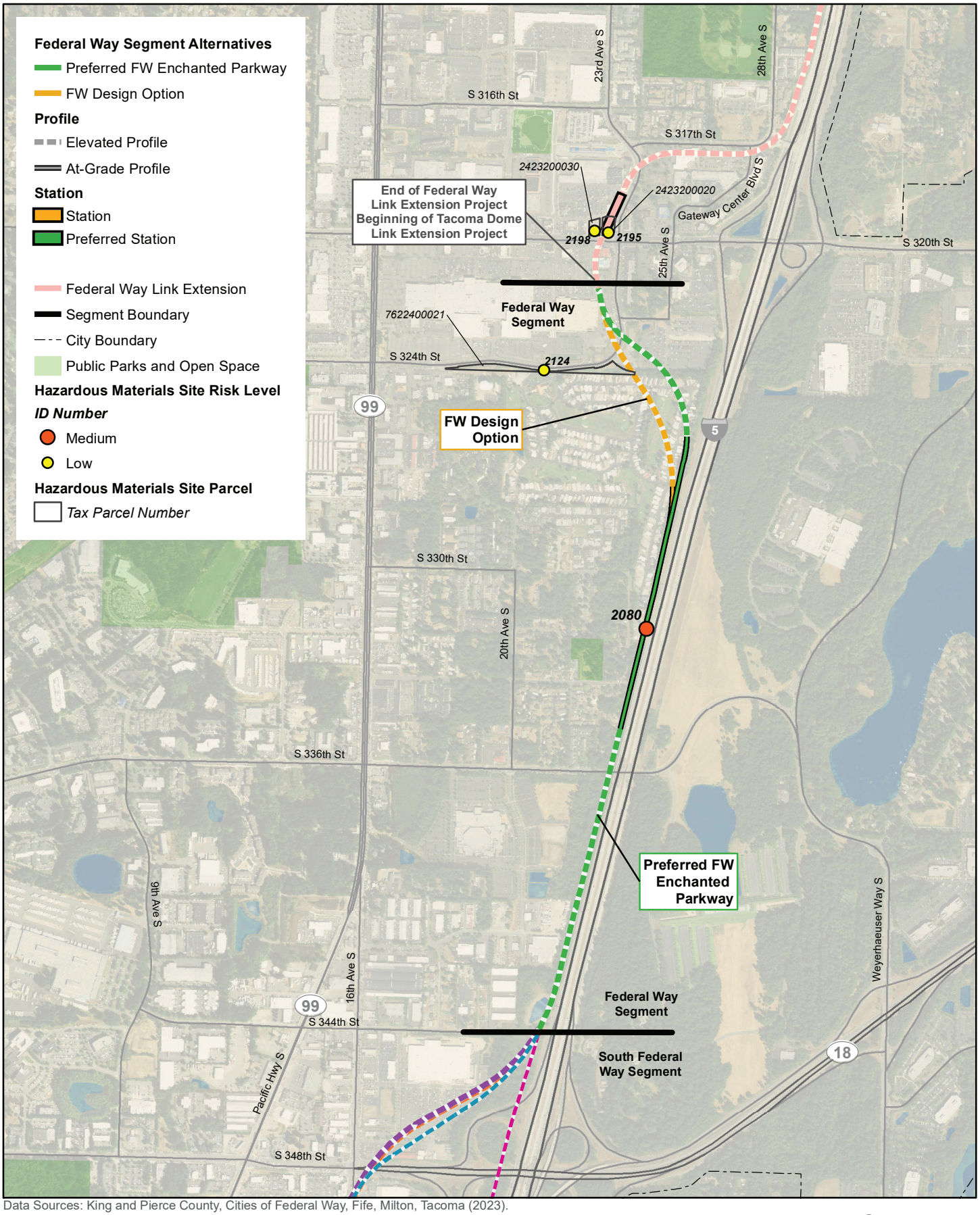

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE H7-1
Hazardous Material Sites
Preferred FW Enchanted Parkway
Tacoma Dome Link Extension

N

0 0.5 1 Mile

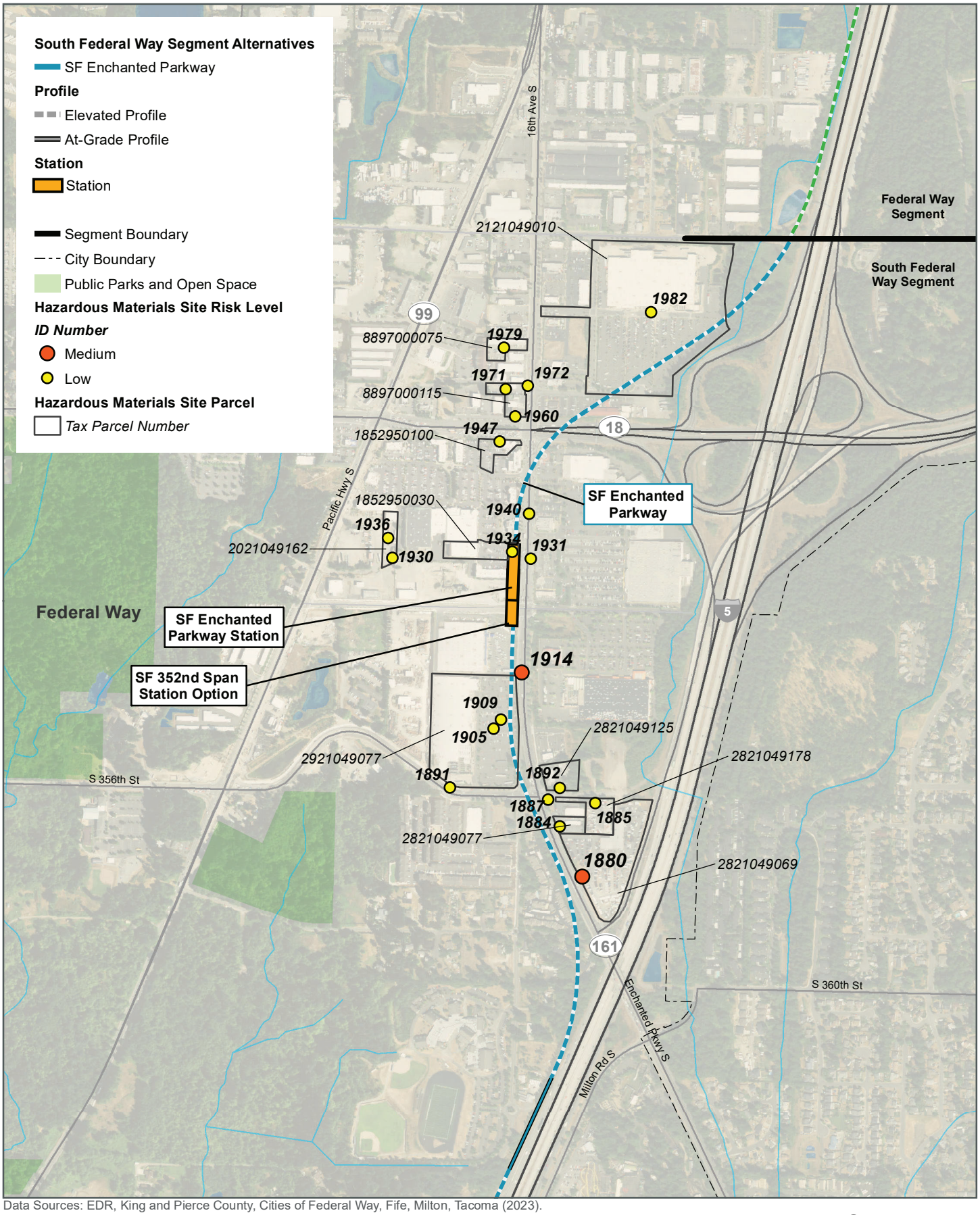

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-2A
Hazardous Materials Sites
SF Enchanted Parkway Alternative

Tacoma Dome Link Extension

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-2B
Hazardous Materials Sites
SF Enchanted Parkway Alternative

Tacoma Dome Link Extension

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-2C
Hazardous Materials Sites
SF Enchanted Parkway Alternative

Tacoma Dome Link Extension

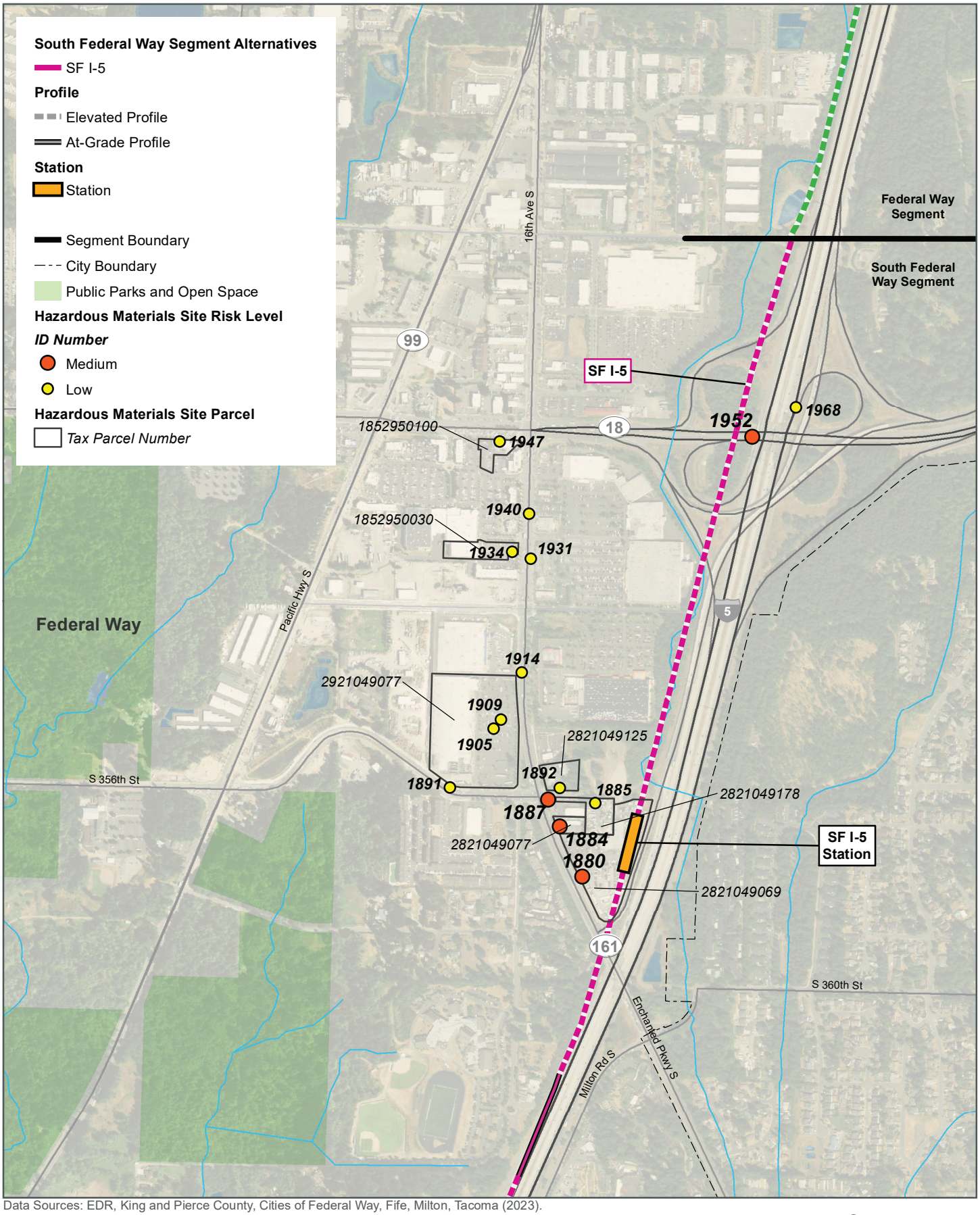

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-3A
Hazardous Materials Sites
SF I-5 Alternative

Tacoma Dome Link Extension

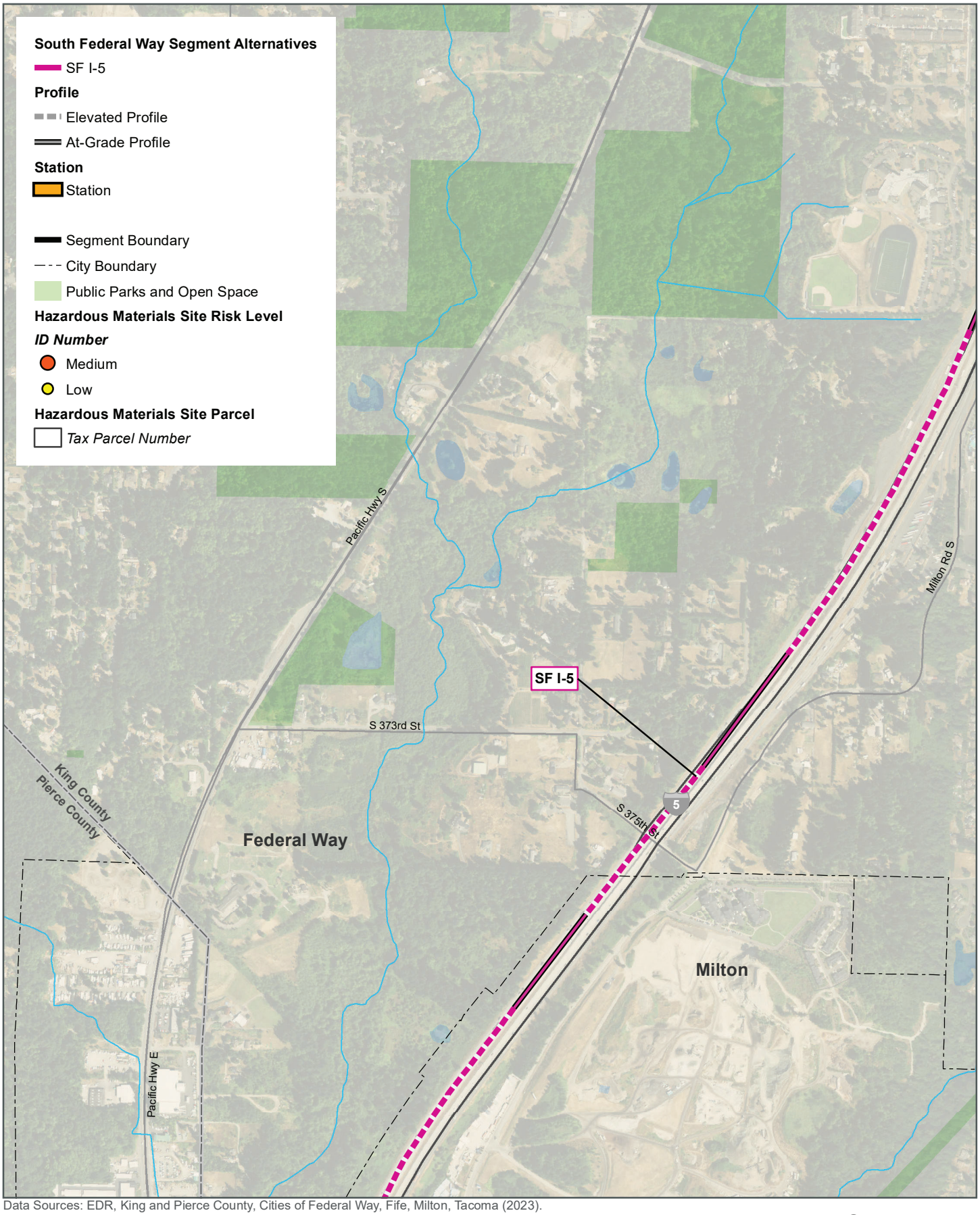

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-3B
Hazardous Materials Sites
SF I-5 Alternative

Tacoma Dome Link Extension

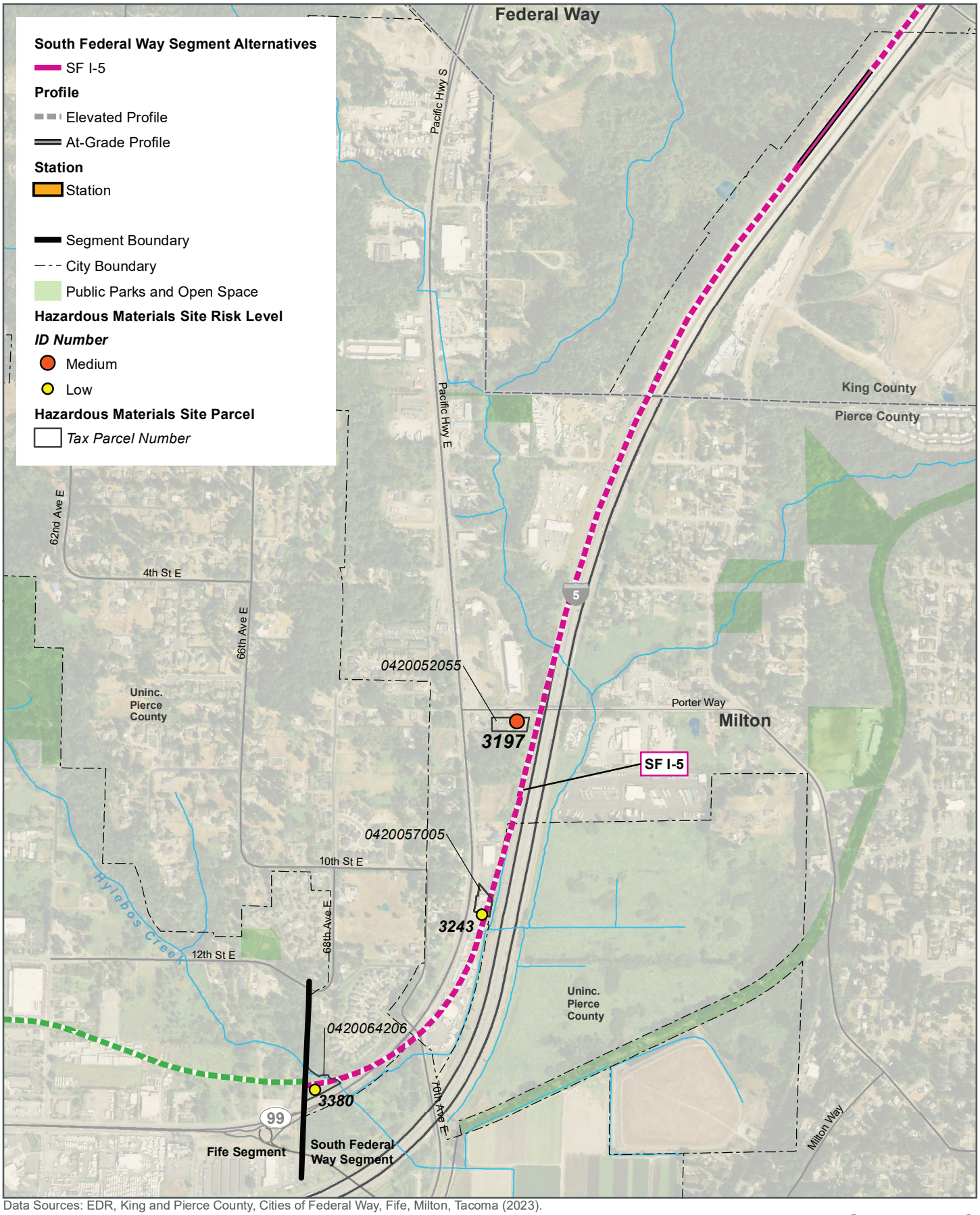

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-3C
Hazardous Materials Sites
SF I-5 Alternative

Tacoma Dome Link Extension

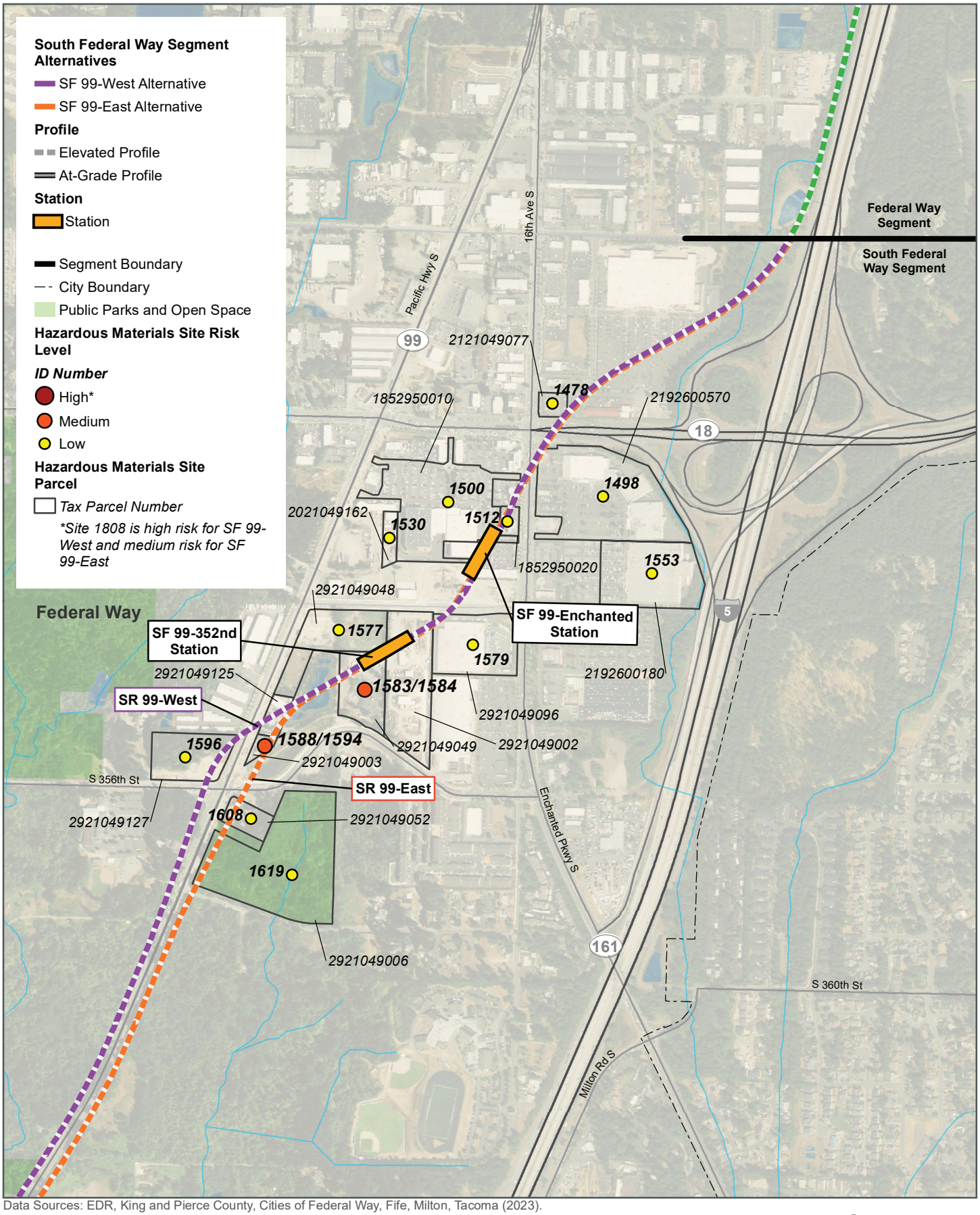

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-4A
Hazardous Materials Sites
SR 99 Alternatives

Tacoma Dome Link Extension

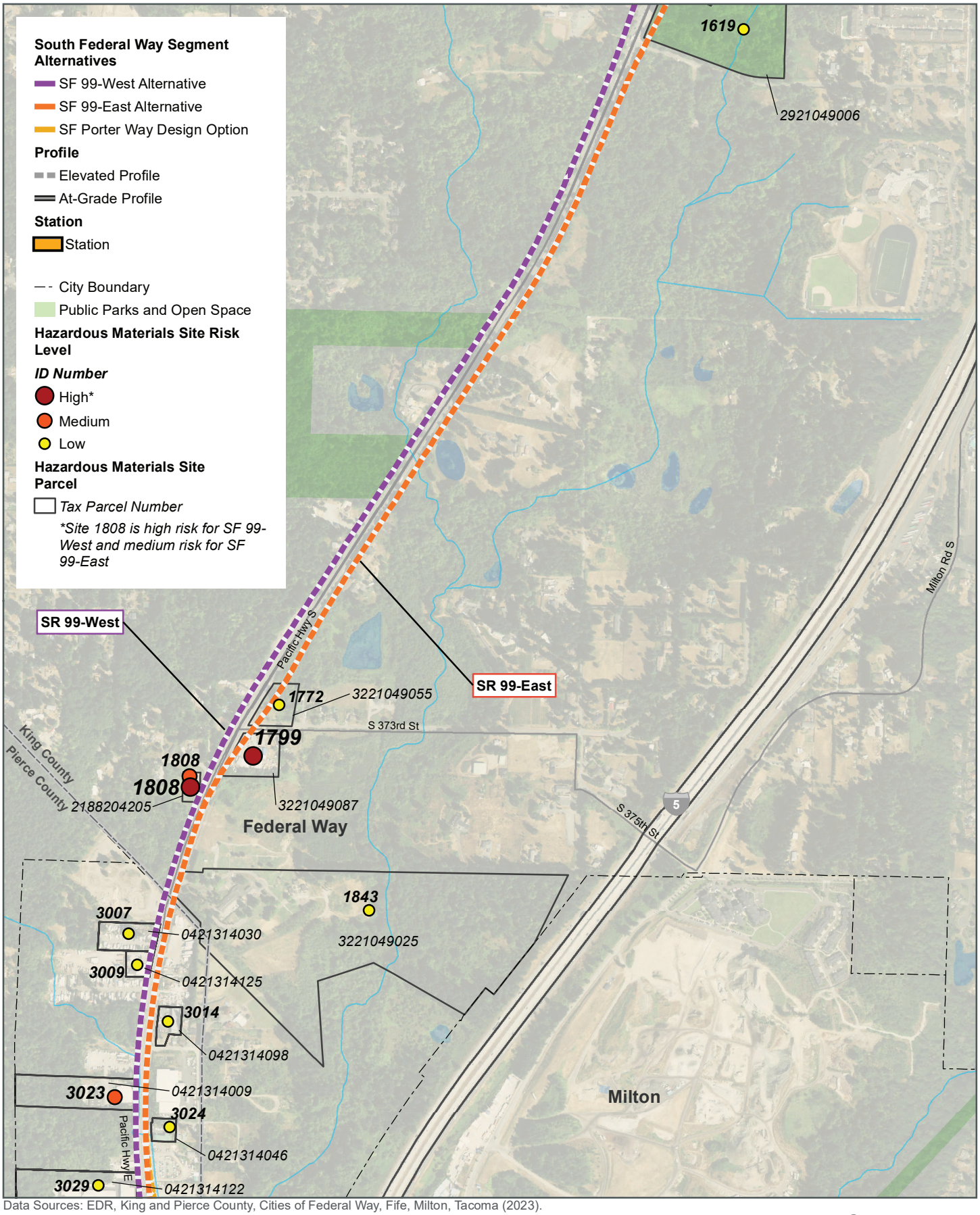

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-4B
Hazardous Materials Sites
SR 99 Alternatives

Tacoma Dome Link Extension

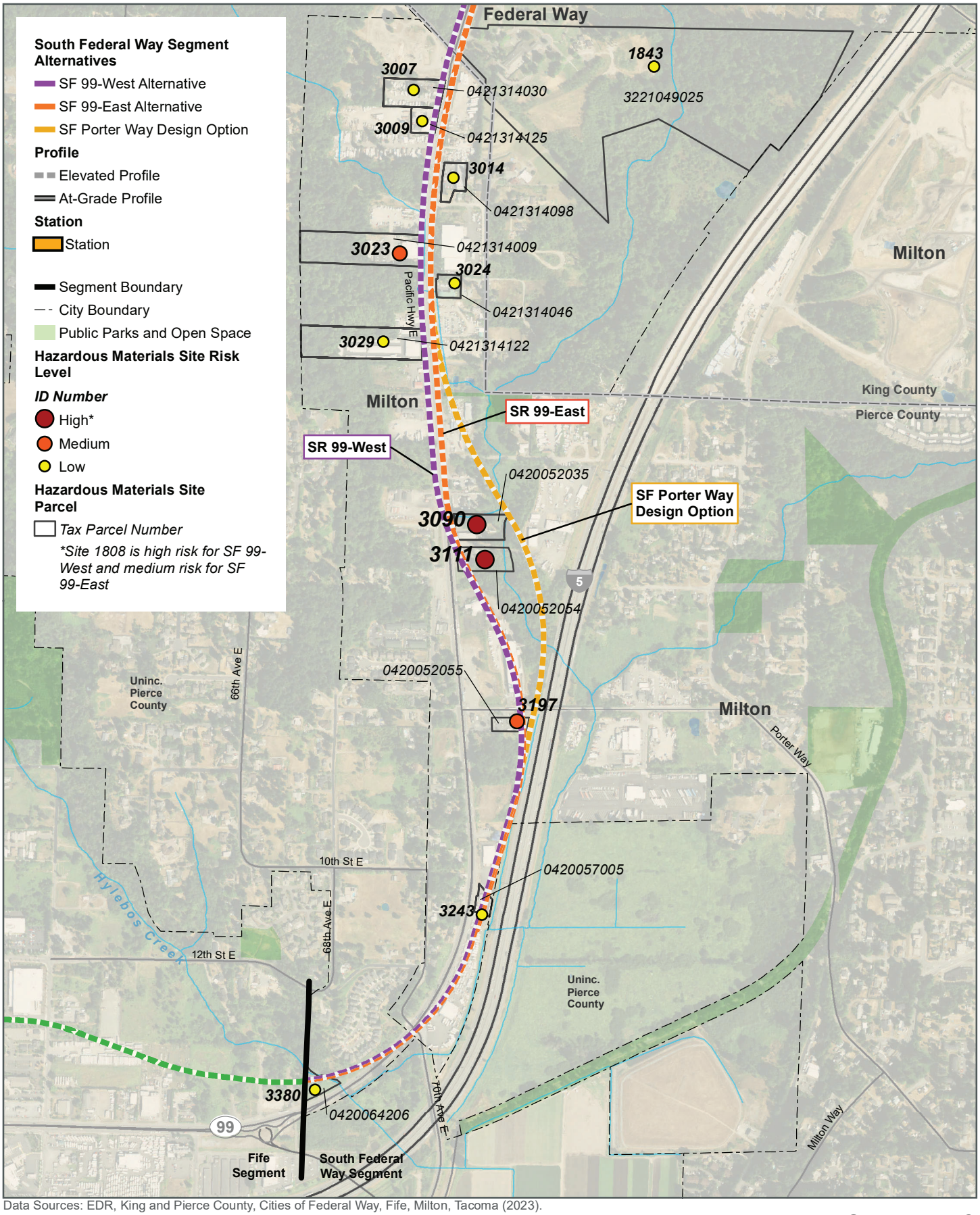

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-4C
Hazardous Materials Sites
SR 99 Alternatives

Tacoma Dome Link Extension

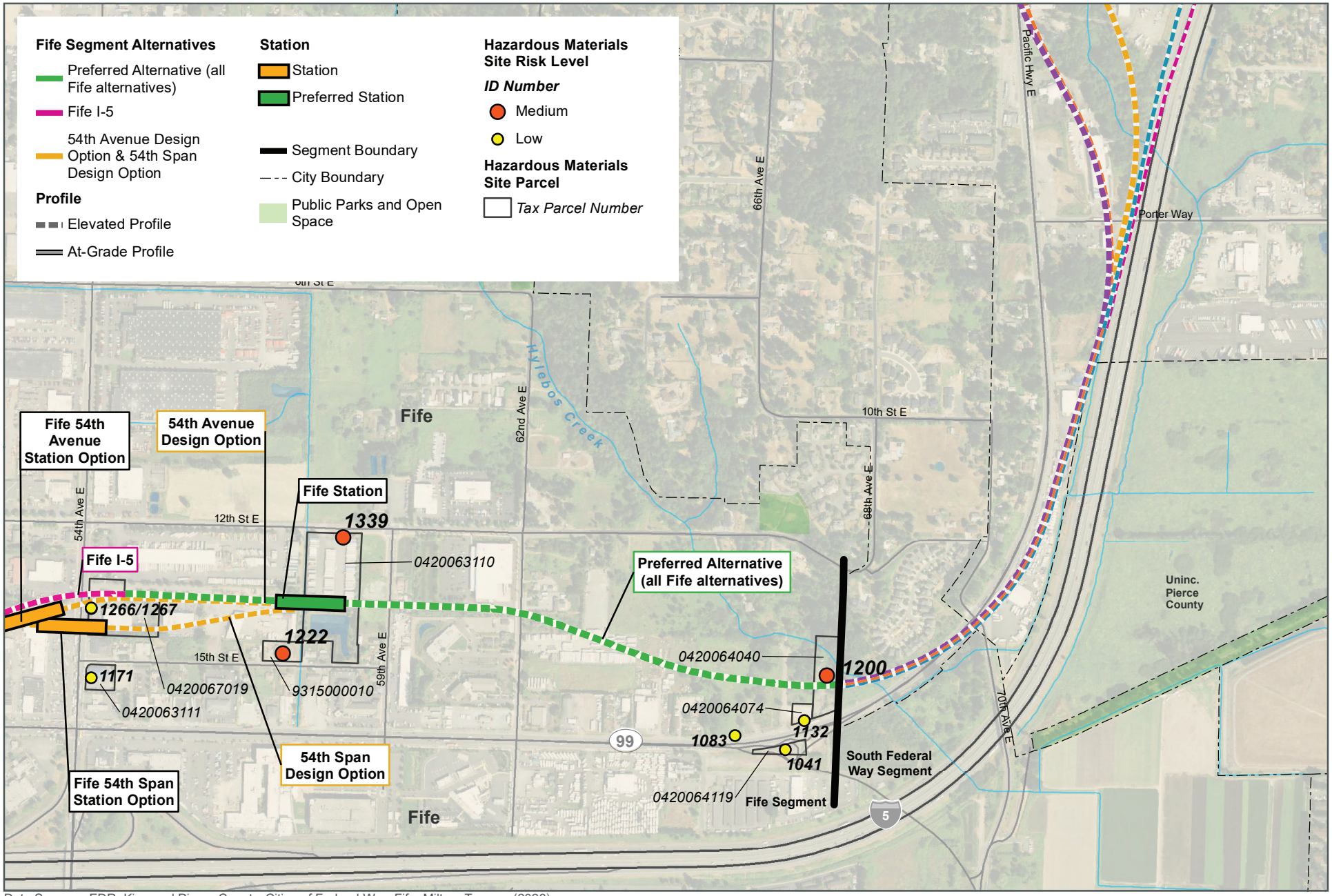

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-5A
Hazardous Materials Sites
Fife I-5 Alternative

Tacoma Dome Link Extension

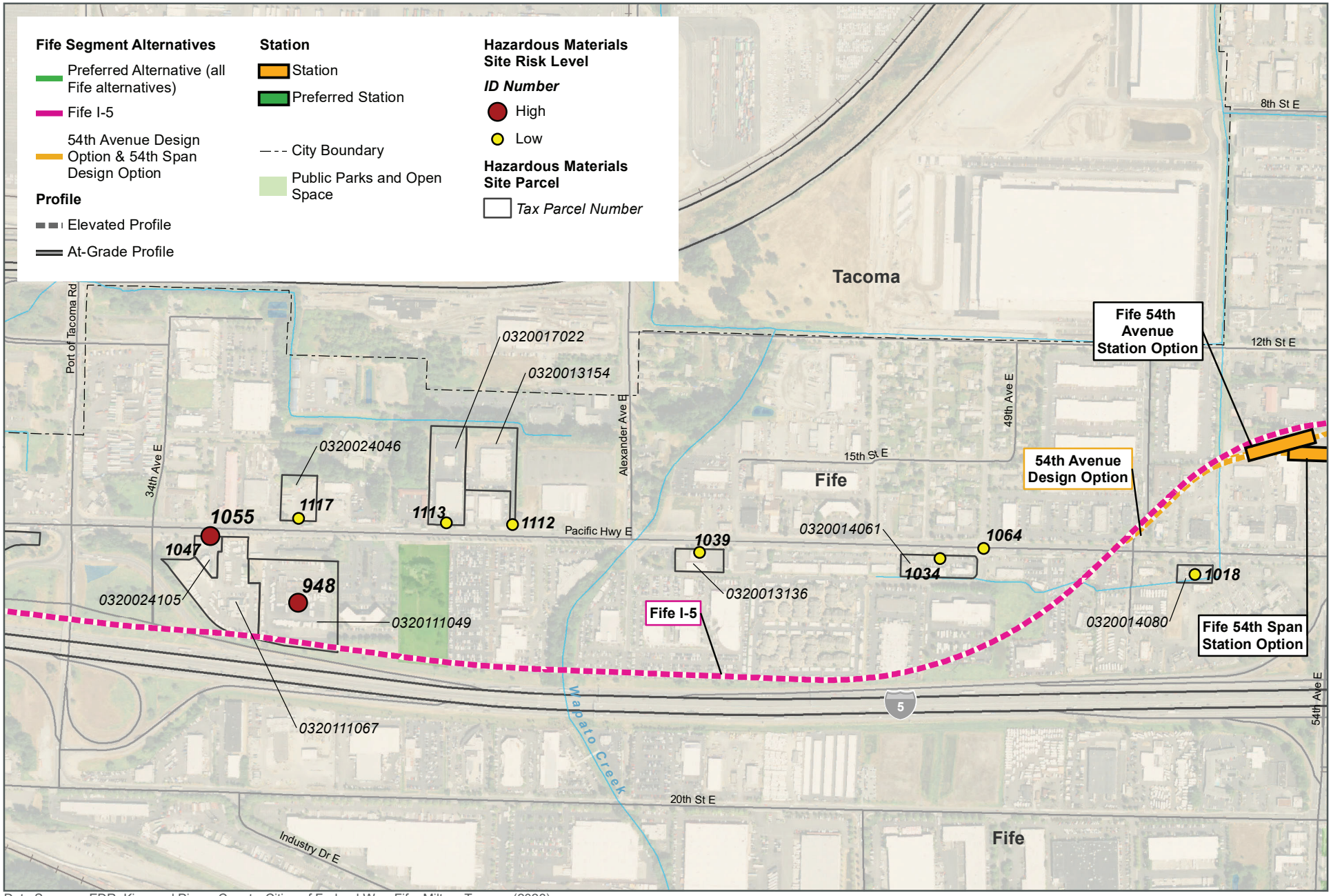

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-5B
Hazardous Materials Sites
Fife I-5 Alternative

Tacoma Dome Link Extension

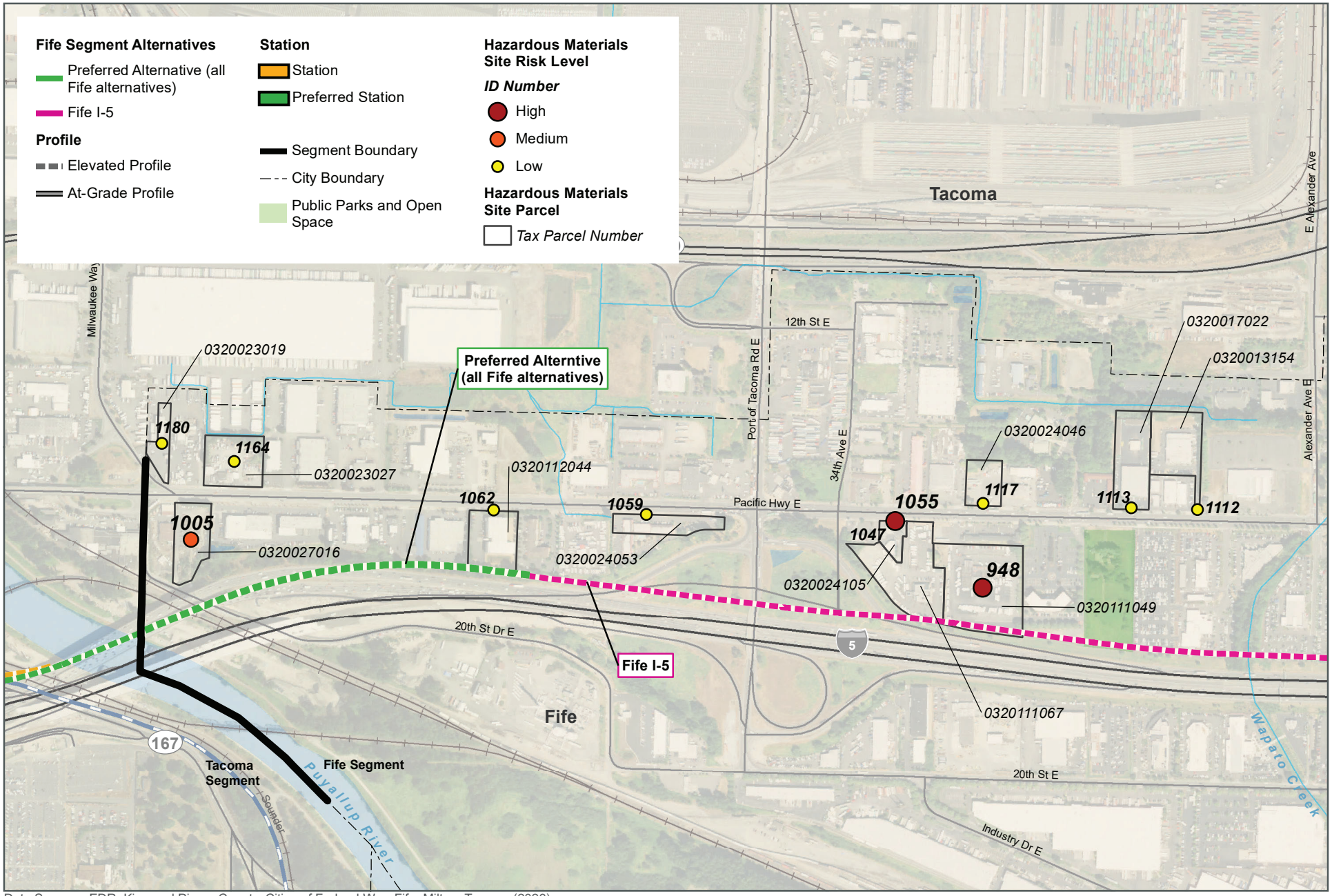

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-5C
Hazardous Materials Sites
Fife I-5 Alternative

Tacoma Dome Link Extension

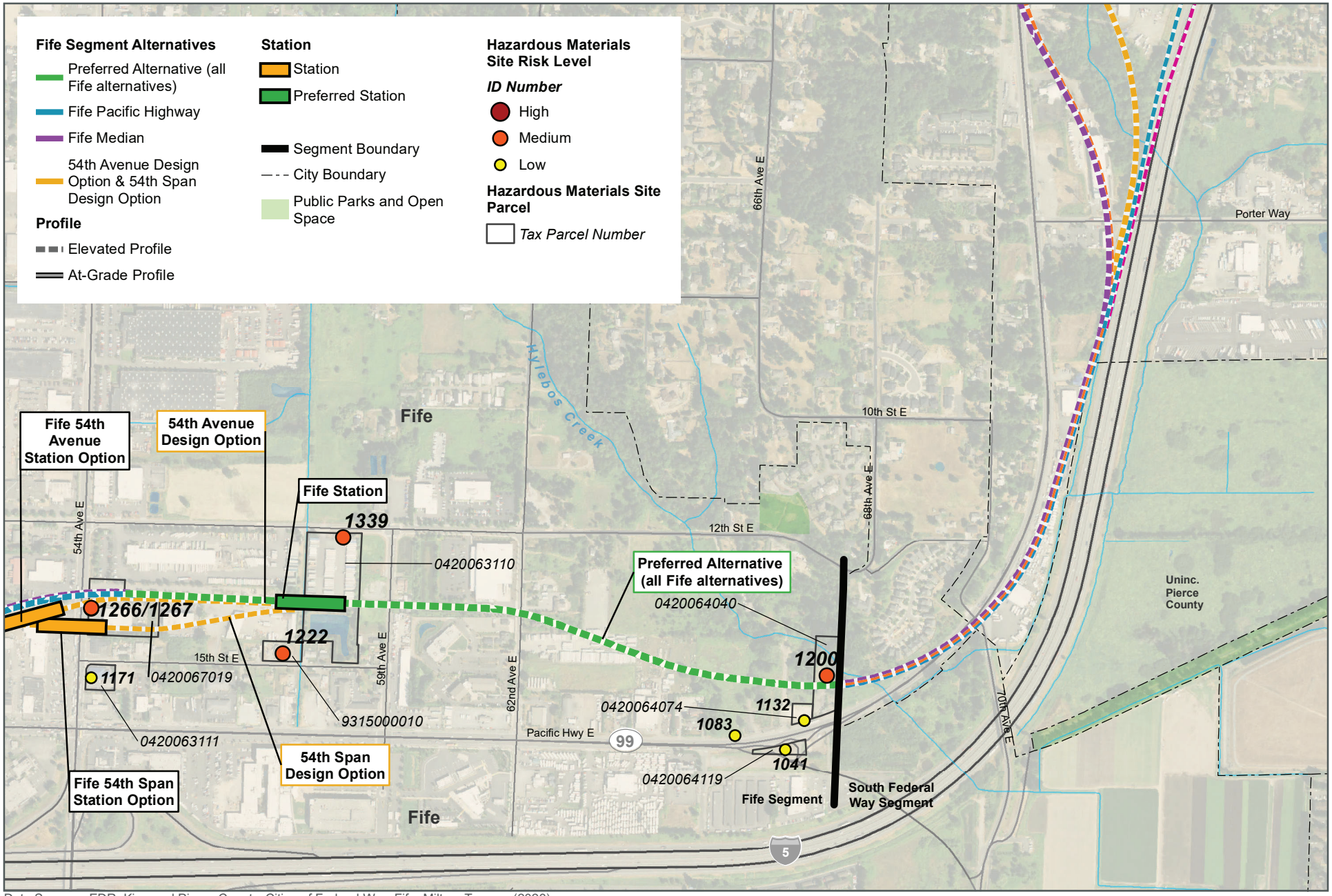

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-6A

Hazardous Materials Sites

Fife Pacific Highway and Pacific Highway Median Alternatives

Tacoma Dome Link Extension

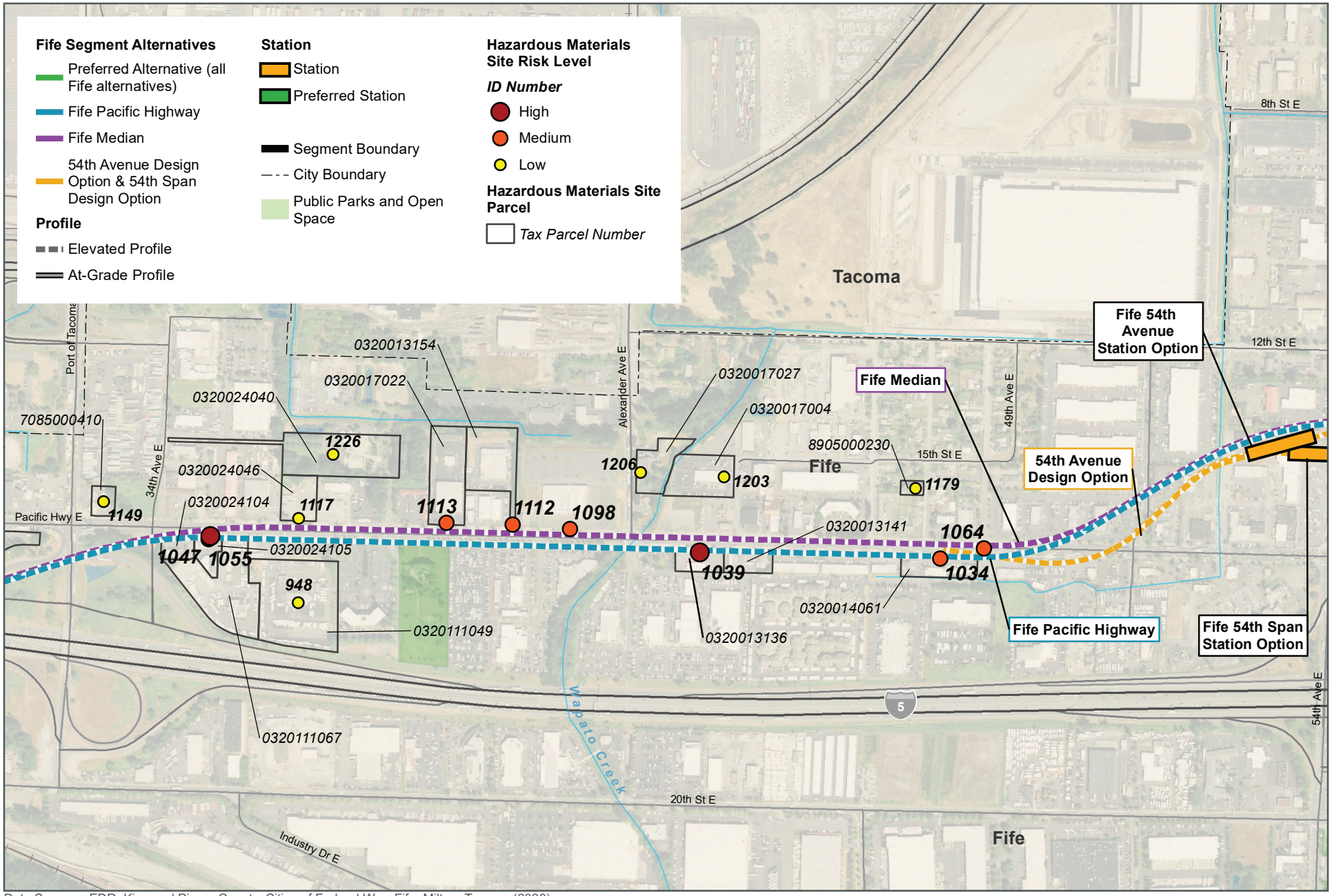

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-6B

Hazardous Materials Sites

Fife Pacific Highway and Pacific Highway Median Alternatives

Tacoma Dome Link Extension

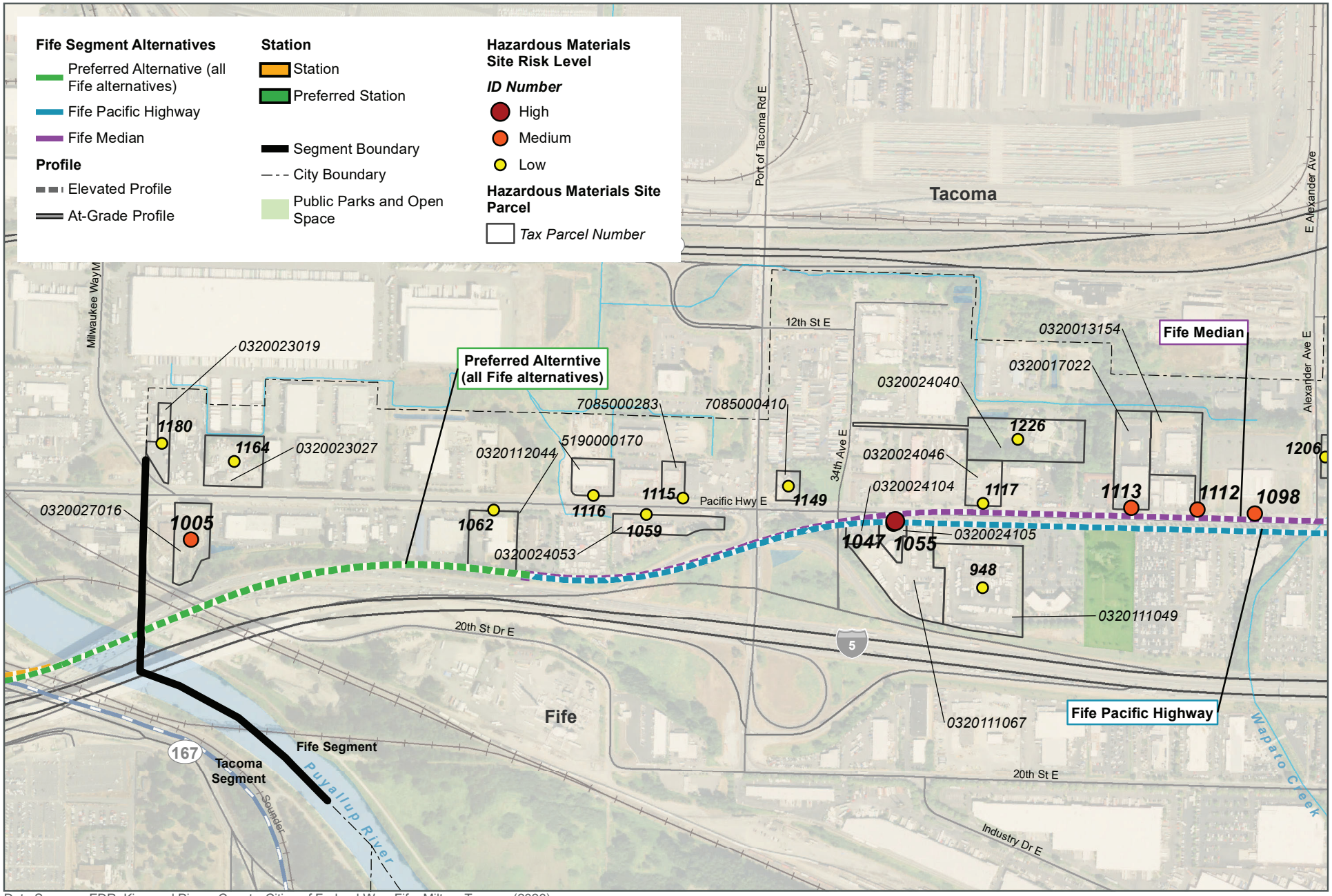

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.25 0.5 Mile

FIGURE H7-6C

Hazardous Materials Sites

Fife Pacific Highway and Pacific Highway Median Alternatives

Tacoma Dome Link Extension

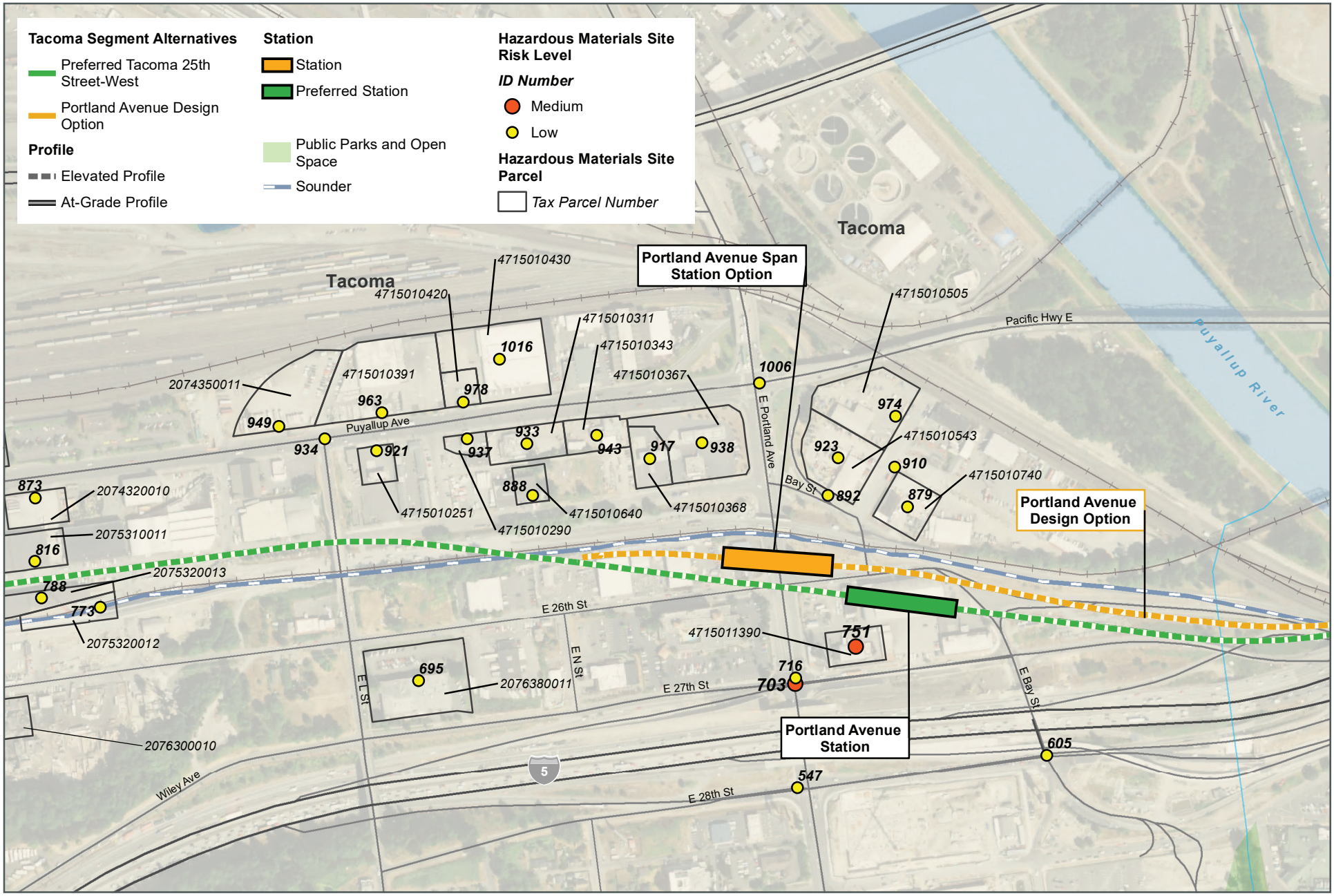

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-7A

Hazardous Materials Sites

Preferred Tacoma 25th Street-West Alternative

Tacoma Dome Link Extension

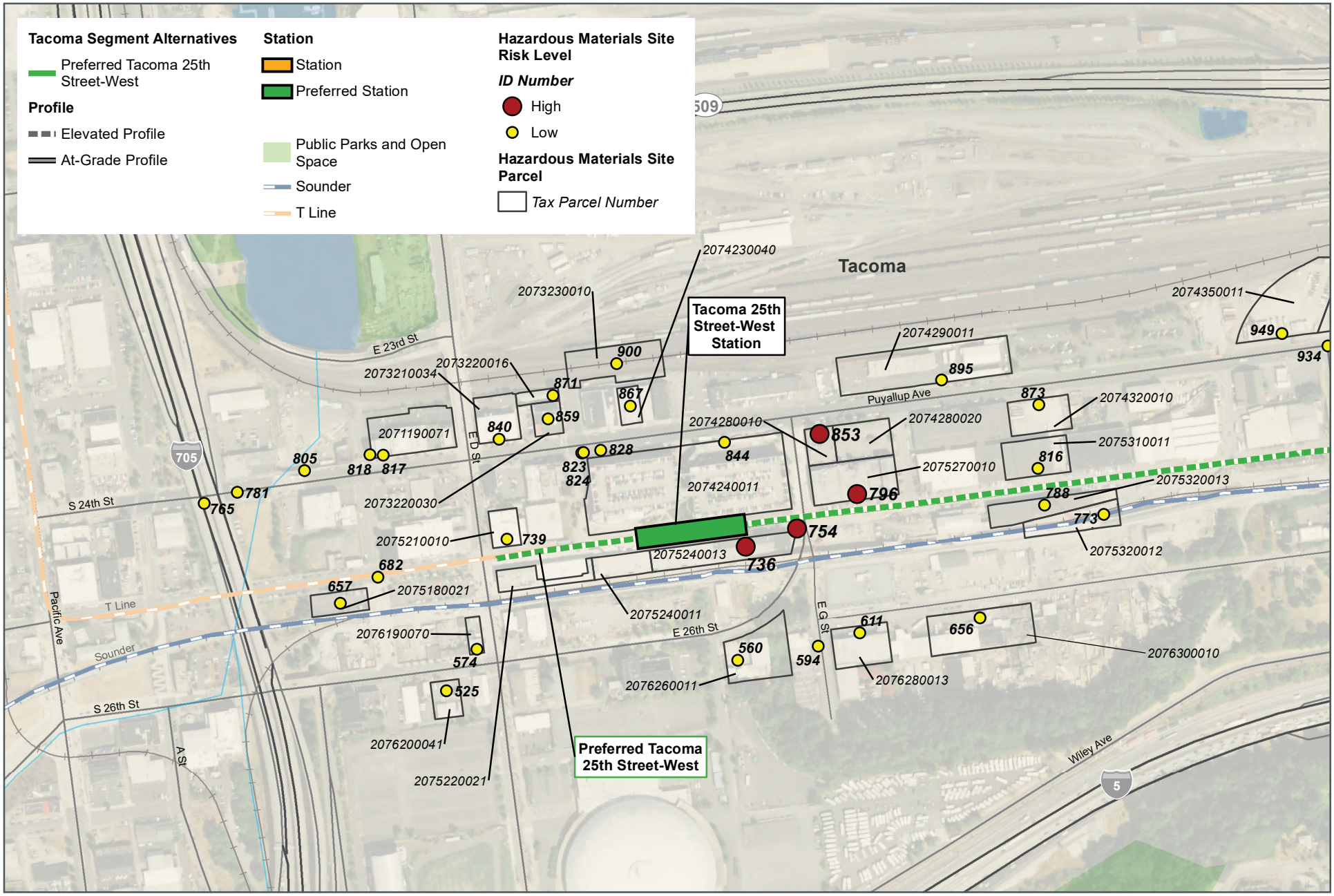

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-7B

Hazardous Materials Sites

Preferred Tacoma 25th Street-West Alternative

Tacoma Dome Link Extension

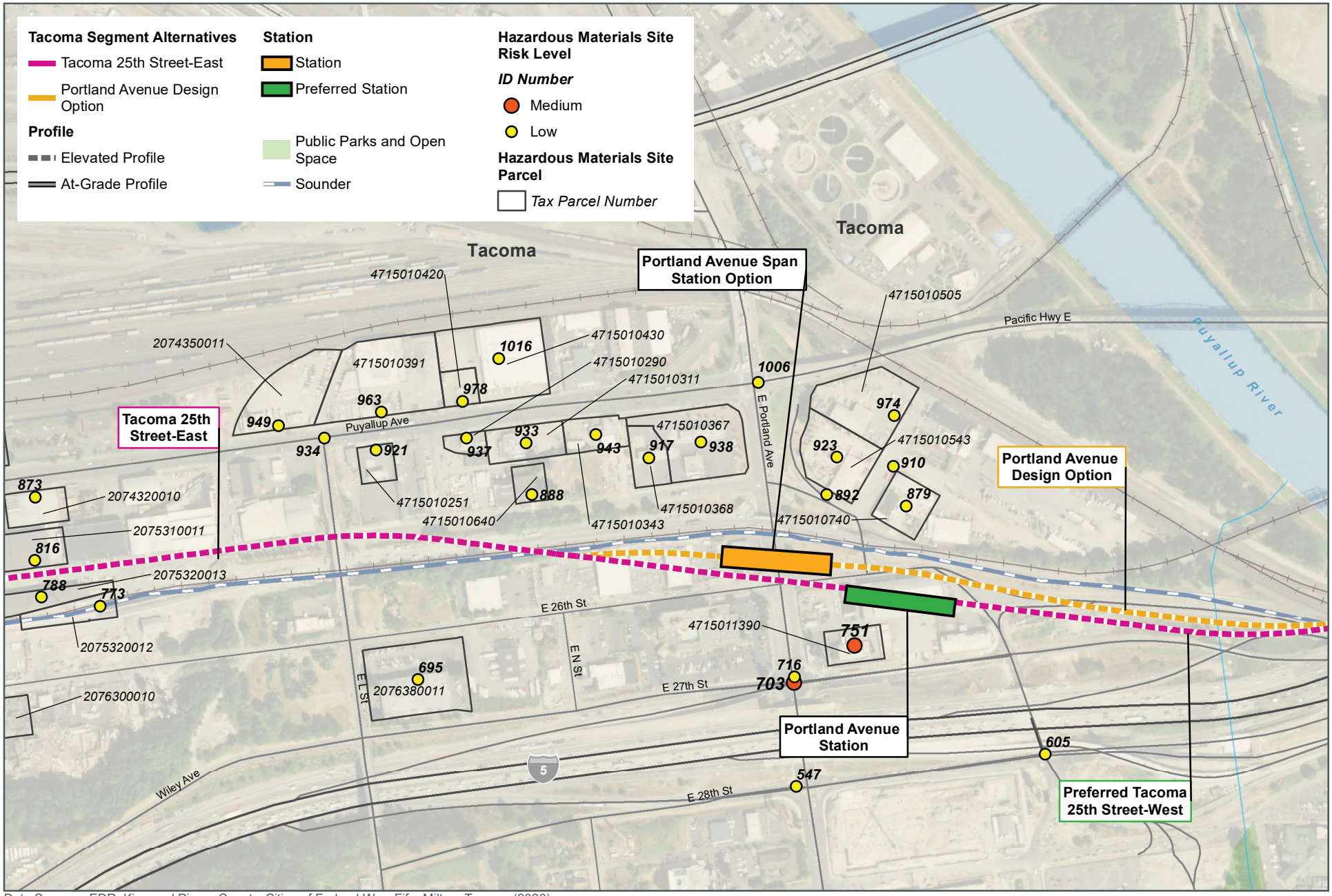

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-8A
Hazardous Materials Sites
Tacoma 25th Street-East Alternative

Tacoma Dome Link Extension

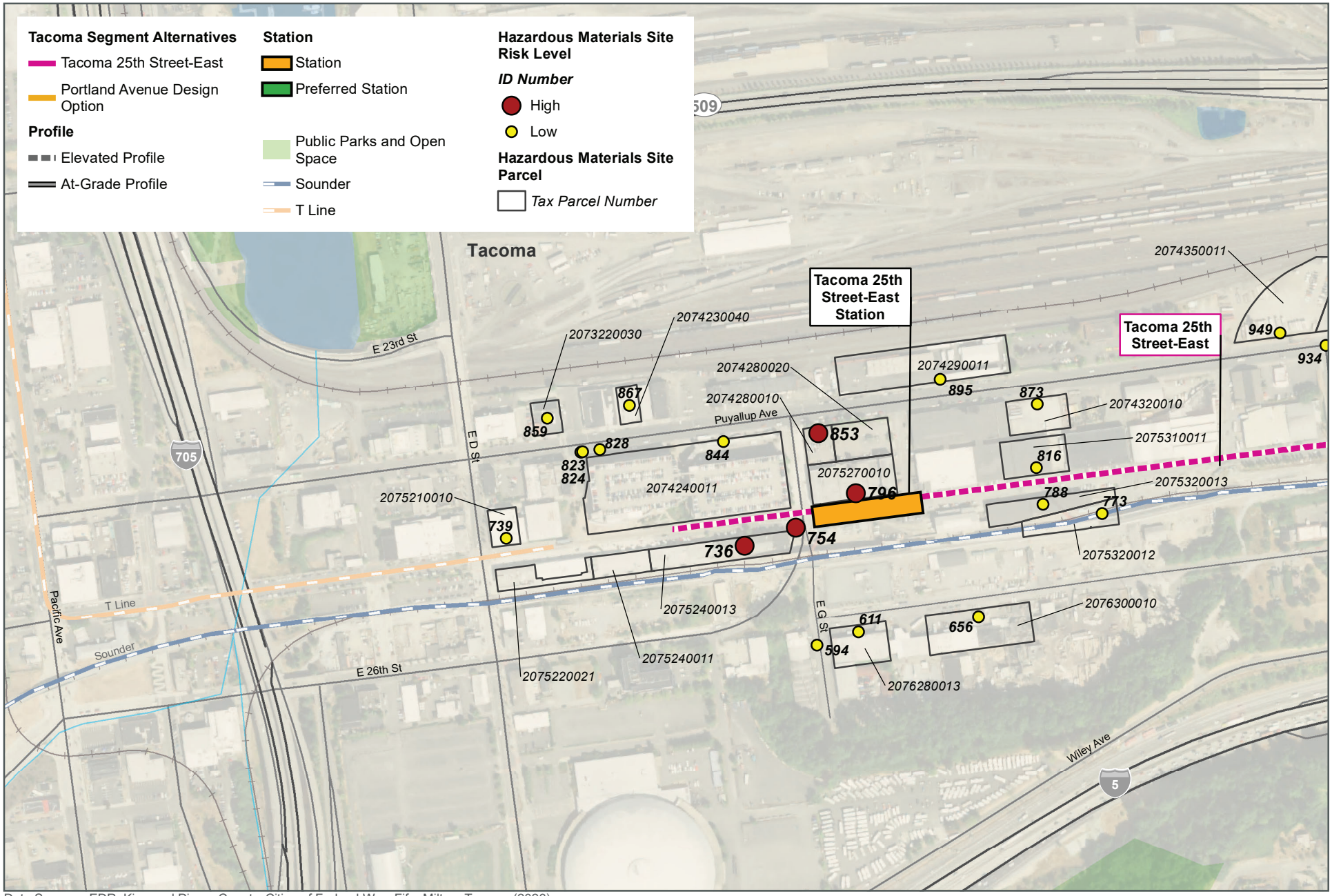

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-8B

Hazardous Materials Sites

Tacoma 25th Street-East Alternative

Tacoma Dome Link Extension

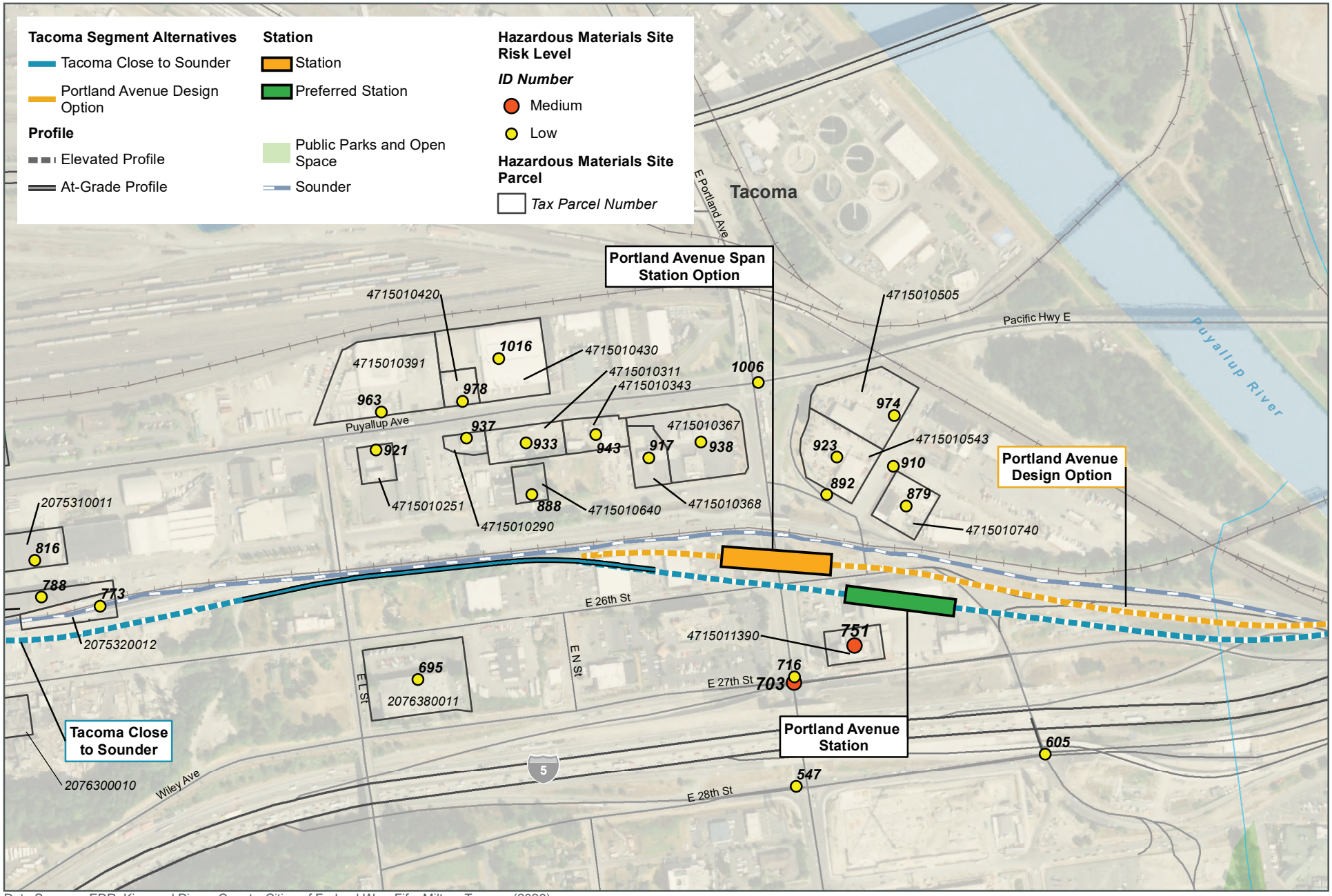

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-9A
Hazardous Materials Sites
Tacoma Close to Sounder Alternative

Tacoma Dome Link Extension

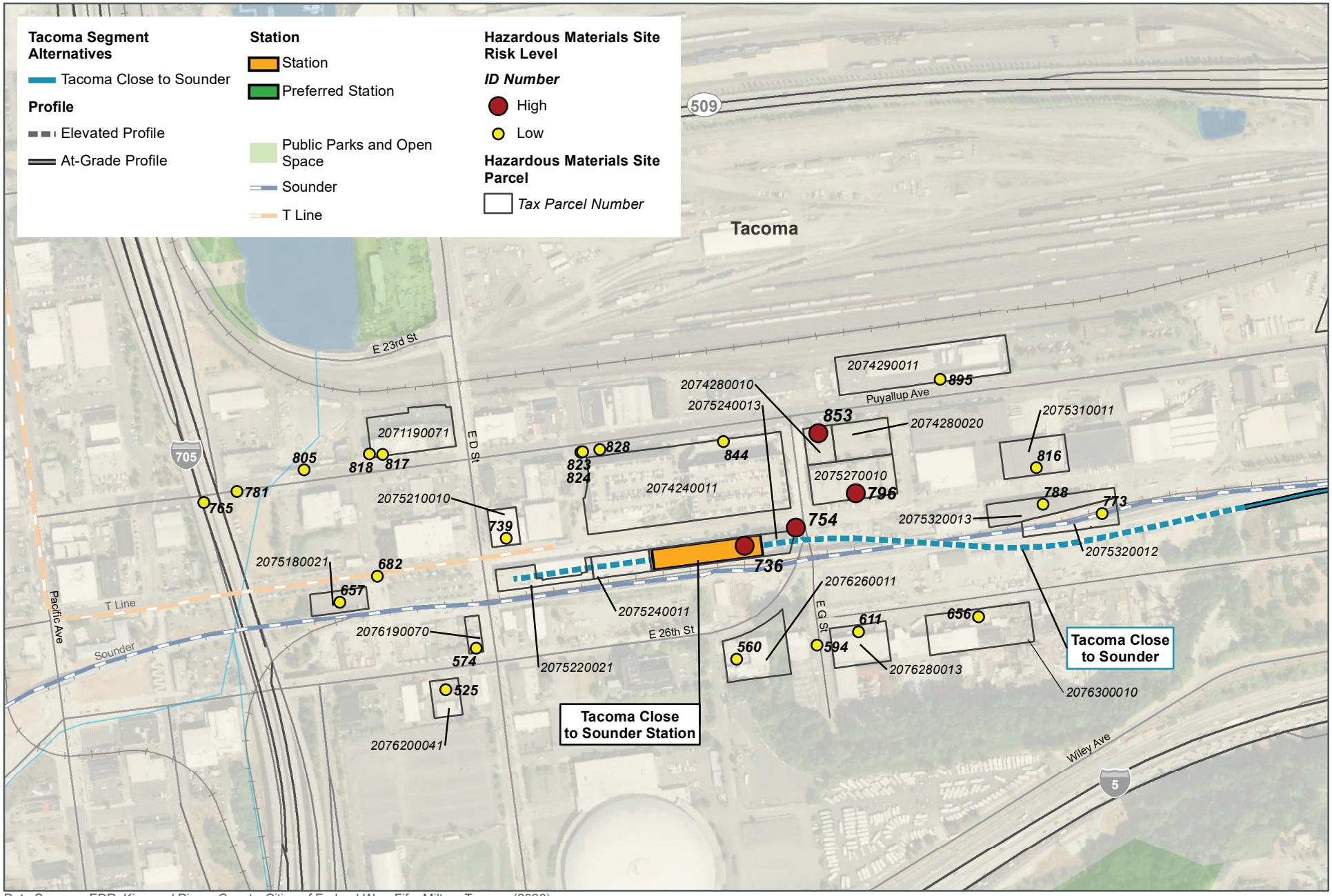

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-9B

Hazardous Materials Sites

Tacoma Close to Sounder Alternative

Tacoma Dome Link Extension

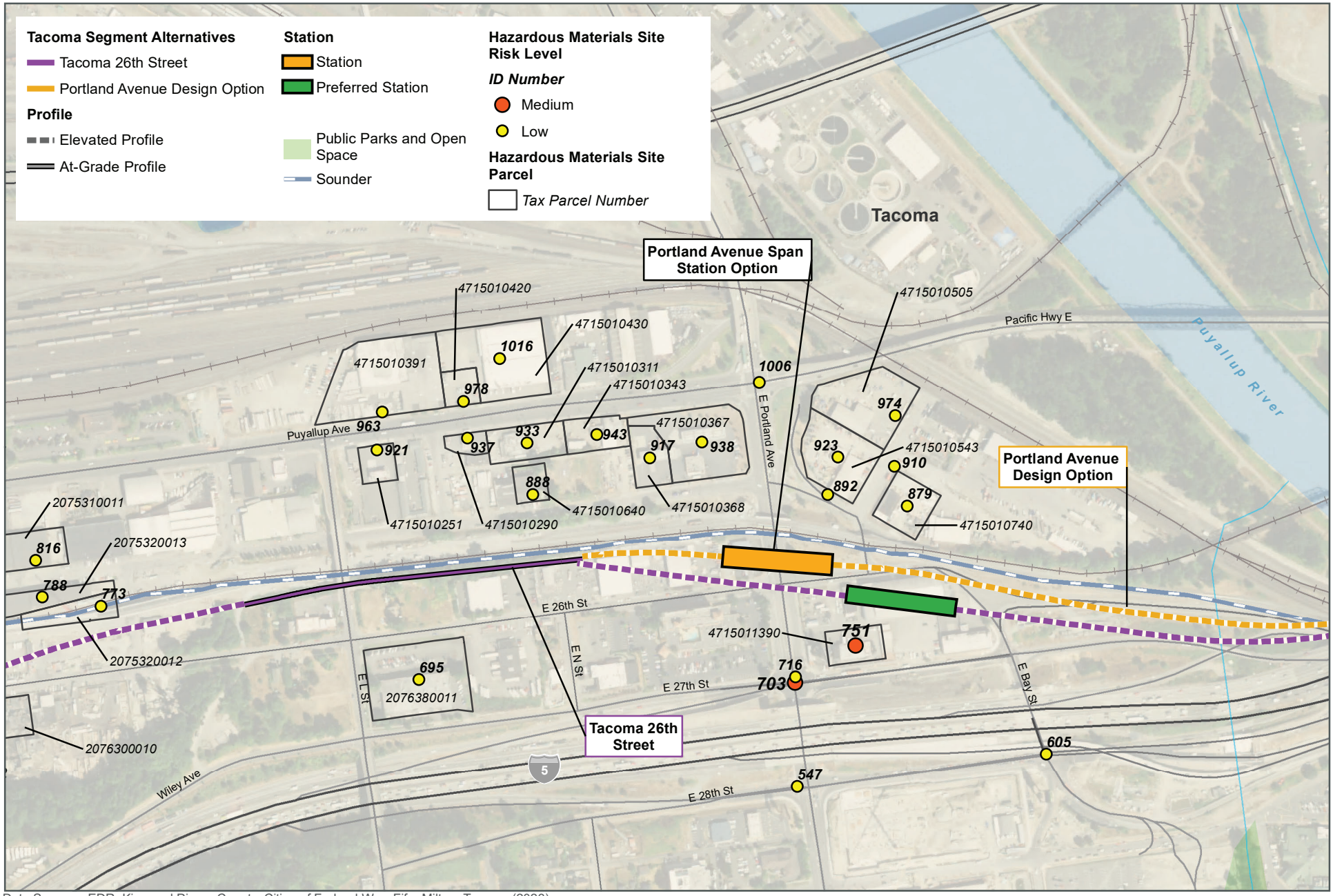

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-10A
Hazardous Materials Sites
Tacoma 26th Street Alternative

Tacoma Dome Link Extension

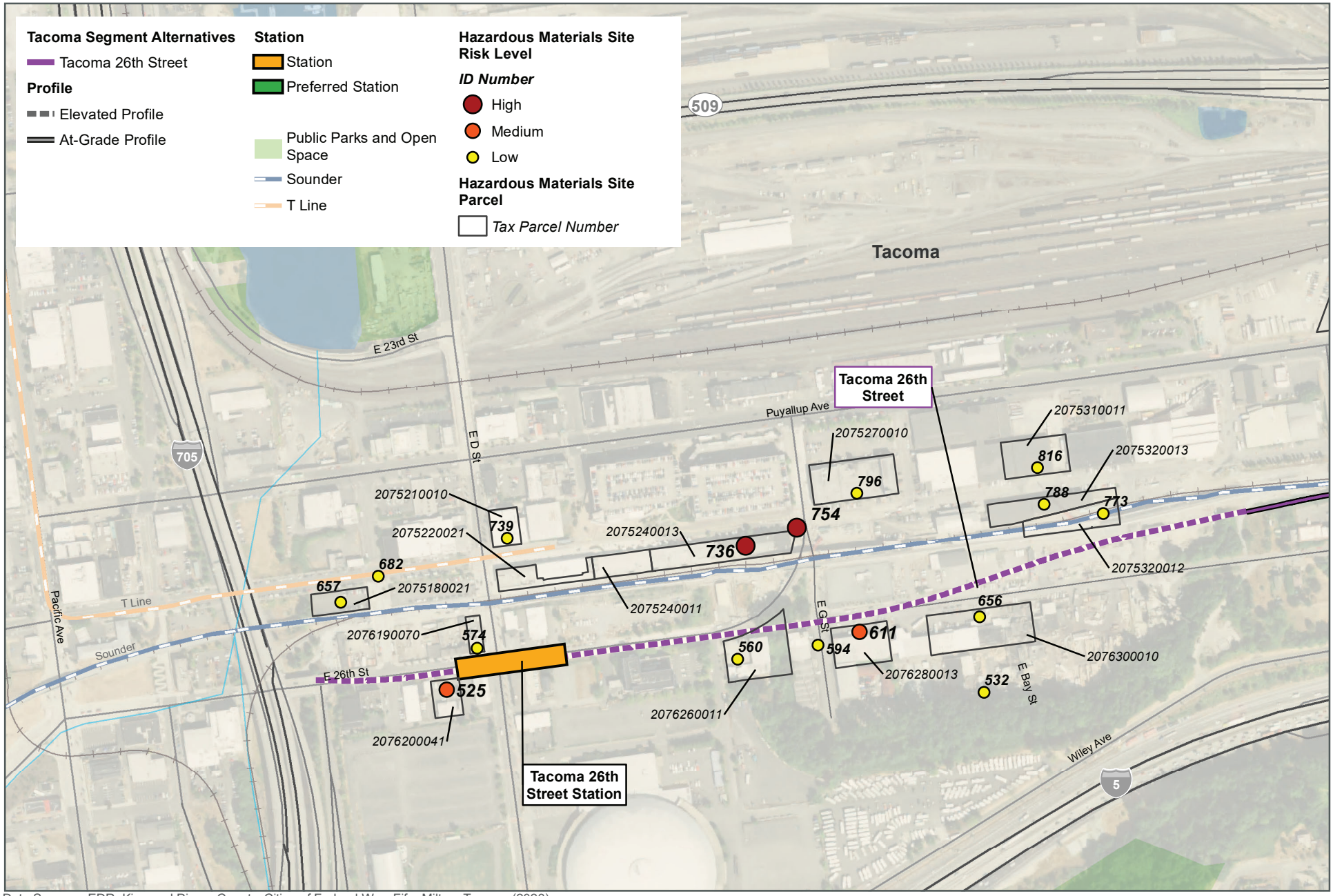

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE H7-10B
Hazardous Materials Sites
Tacoma 26th Street Alternative

Tacoma Dome Link Extension

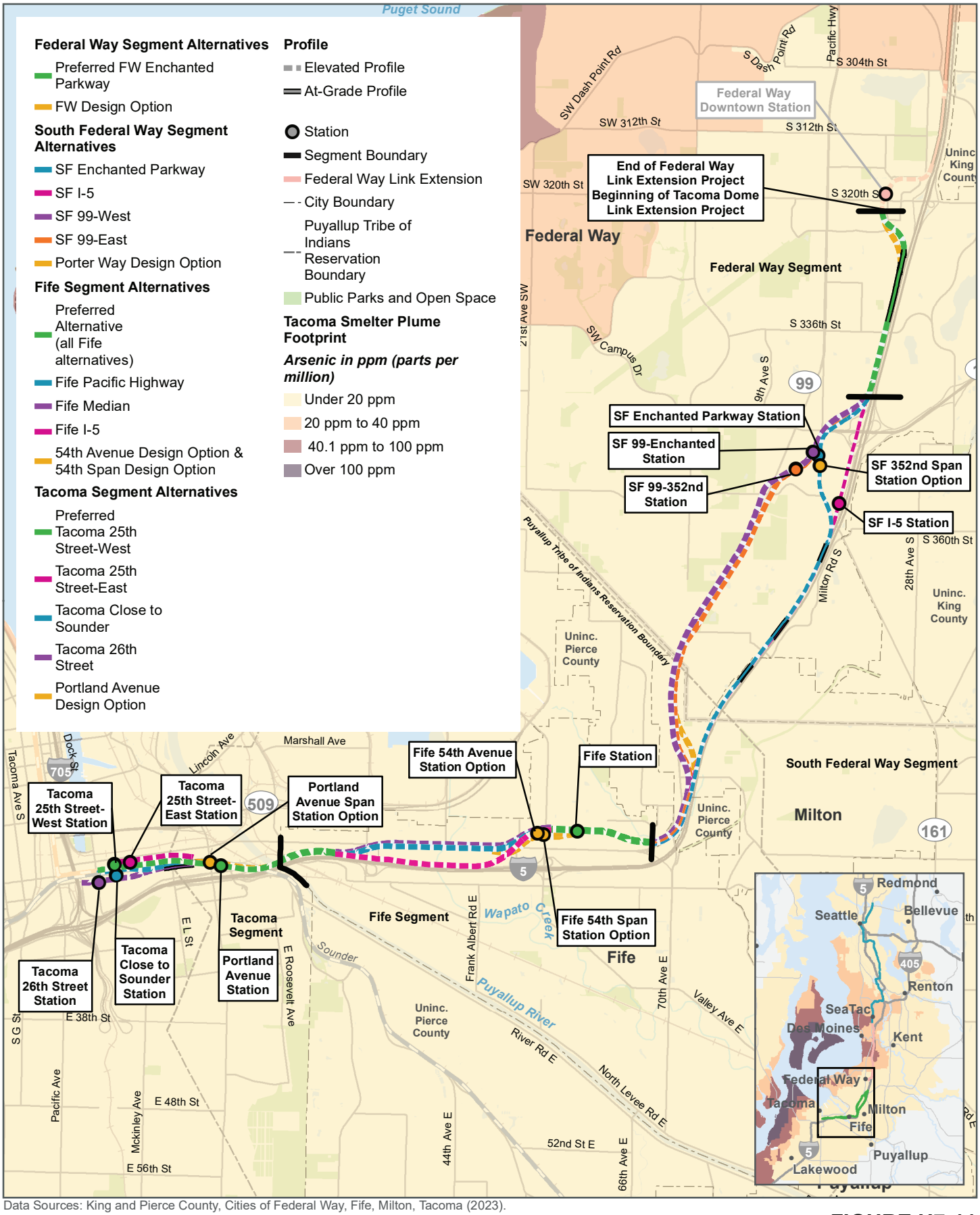

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE H7-11
Tacoma Smelter Plume Alternatives
Tacoma Dome Link Extension

Table H7-1. Potential Impacts of High-Risk Hazardous Materials Sites by Alternative[1]

Map ID	Site Name and Address	Tax Lot	EDR Map ID/ Focus Map	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median[2]	Fife I-5[2]	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma 26th Street	Tacoma Close to Sounder
South Federal Way Segment													
1799	**Clarks Payless Oil** 215 S 373rd Street Federal Way, WA	3221049087	D48/8			Affected	Affected						
1808	**Power Masters** 37405 Pacific Highway S Federal Way, WA	2188204205	N49/7			Affected							
3090	**Ovals Motorsport Milton** 7708 Pacific Highway E Milton, WA	0420052035	K41/7			Affected	Affected						
3111	**Global Paving** 7608 Pacific Highway E Milton, WA	0420052054	60/7			Affected	Affected						
1433	**USG Highway 99** 7110 Pacific Highway E, Milton, WA 98354	0420057006, 0420057007, 0420057008, and 0420053075	MY2071/ 2072	Affected	Affected	Affected	Affected						
Fife Segment													
948	**HomeTel Inn** 3520 Pacific Highway E, Fife, WA 98424	0320111049	VB3162 – VB3164/ 16						Affected				
1039	**Pacific Xpress** 4310 Pacific Highway E, Fife, WA 98424	0320013141 and 0320013136	TP2969 – TP2972 / 17					Affected					
1055 **1047**	**Fife RV Center (La Casa Real Drum)** 3410 Pacific Highway E, Fife, WA 98424	0320024105, 0320024104, and 0320111067	TK2934 / 16					Affected	Affected				
Tacoma Segment													
754	**Freighthouse Square Amtrak Relocation** 602 E 25th Street, Tacoma, WA 98421	2075240013, 2075240011, and 2075220021	XU3592 / 21							Affected	Affected	Affected	Affected
736	**Freighthouse Square** 25th Street and East G Street, Tacoma, WA 98421	2075240013, 2075240011, and 2075220021	3561 / 21							Affected	Affected	Affected	Affected
796	**Spring Air Northwest** 725 E 25th Street, Tacoma, WA 98421	2075270010	XH3481 – XH3488/ 21							Affected	Affected		Affected
853	**Former Texaco Service Station** 704 Puyallup Avenue, Tacoma, WA 98421	2074280010 and 2074280020	WF3367 / 21							Affected	Affected		Affected

Note:
(1) There are no high-risk sites in the Federal Way Segment.
(2) Potential impacts are the same for the alternative with or without 54th Avenue or 54th Span Design Option.

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
Federal Way Segment														
2029	Lloyd Enterprises | Lloyd Enterprises Inc | Lloyd's Compost Facility	Low												ALLSITES, RGA LF, UST
2080	Southbound Interstate 5 At Highway 18	Medium	Medium											ALLSITES, CSCSL NFA
2124	Belmor Mobile Home Park	Low	Low											ALLSITES, ASBESTOS, CSCSL NFA, FINDS, LUST, RGA LUST, UST
2195	Sound Transit Federal Way Lnk | Y Pay Mor Cleaners Suo K Chang | Y Pay Mor Drycleaner	Low	Low											ALLSITES, CSCSL NFA, ECHO, EDR HIST CLEANER, FINDS, INACTIVE DRYCLEANERS, INST CONTROL, RCRA-VSQG
2198	Arco #5241 | Arco 5241 | Arco 83305 | Arco Facility #05241/Timeless Inc | Arco Facility #05241/Zion, Inc. | C Arco | C&C Arco	Low	Low											ALLSITES, CSCSL, ECHO, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, ICR, LUST, MANIFEST, RCRA NONGEN / NLR, RGA HWS, RGA LUST, UST, VCP
South Federal Way Segment														
1118	US Gypsum Co Hylebos Cr Dump Site			Low	Low	Low	Low							SEMS
1139	6924 Pacific Hwy E			Low	Low	Low	Low							ALLSITES, CSCSL, FINDS, RGA HWS
1478	American Concrete					Low	Low							UST, ALLSITES, Financial Assurance
1498	West Campus Square Suhrco Mgmt Inc, Eagle Cleaners, Regency Cleaners,West Campus Square C/O Suhrco Mgmt Inc					Low	Low							MANIFEST, ALLSITES, EDR Hist Cleaner, RCRA NonGen / NLR, Inactive Drycleaners
1500	Brents Alignment & Repair Inc., Jims Auto Refinishing & Collision Center, 1st Stop Muffler & Brake, FWR Distributing Inc DBA Federal Way RAD					Low	Low							MANIFEST, ALLSITES, FINDS, RCRA NonGen / NLR, ECHO, EDR Hist Auto, ALLSITES, RCRA NonGen / NLR,SPILLS
1512	Scanco Inc					Low	Low							UST, ALLSITES, SPILLS
1530	Truck Stop Evergreen Industrial Park					Low	Low							CSCSL, ALLSITES, SWF/LF
1553	COSTCO Wholesale 61					Low	Low							FINDS, ICIS, ECHO, MANIFEST, ALLSITES
1577	Federal Way Premiere Storage					Low	Low							ALLSITES, FINDS
1579	S 352nd Street Extension					Low	Low							ALLSITES
1584	Donald B Murphy Construction Inc, Murphy Construction, Dmb Contractors					Medium	Medium							CSCSL NFA, LUST, SPILLS, UST, ALLSITES, VCP, ICR, ALLSITES, FINDS, RCRA NonGen / NLR, ECHO, MANIFEST, ALLSITES, UST
1594	LR Federal Way Premiere Storage)					Medium	Medium							LUST, UST, ICR, CSCSL NFA, ALLSITES, NPDES
1596	ARCO Station					Low	Low							SPILLS, ALLSITES
1596	Triple B PAC HWY Inc					Low	Low							UST
1608	7-Eleven Convenience Store With Gas,7-Eleven #41827H					Low	Low							ALLSITES, ASBESTOS, UST
1619	FNW Federal Way					Low	Low							FINDS, ECHO, ALLSITES
1621	Black Corvette					Low	Low							UST
1634	Former Milton Tavern | Milton Tavern			Low	Low	Low	Low							ALLSITES, CSCSL, FINDS, SPILLS, UST, VCP

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
1666	William Hopper Dump			Low	Low	Low	Low							SWF/LF
1772	Spring Valley UST Site, Spring Valley Restoration, Spring Valley Site					Low	Low							LUST, SPILLS, UST, CSCSL, ALLSITES, US BROWNFIELDS, US BROWNFIELDS, SPILLS
1808	Power Masters INC.					High	Medium							SEMS-ARCHIVE, RCRA NonGen / NLR, CSCSL NFA, CSCSL, SPILLS, ALLSITES, ICR, MANIFEST
1843	Gethsemane Cemetery					Low	Low							UST, ALLSITES, FINDS, ECHO, FINDS
1880	Jet Chevrolet | Jet Chevrolet Geo			Medium	Medium									ALLSITES, ECHO, ERNS, FINDS, MANIFEST, RCRA NONGEN / NLR, SPILLS, UST
1884	Blackstones Collision Inc			Low	Medium									ALLSITES, CSCSL NFA, ECHO, FINDS, MANIFEST, RCRA NONGEN / NLR
1885	Select Ventures			Low	Low									ALLSITES, FINDS, UST
1887	Cruickshank Property			Low	Medium									ICR
1891	Honda Auto Care			Low	Low	Low	Low							ALLSITES, FINDS, UST
1892	Enchanted Parkway Chevron | Enchanted Parkway Chevron & Car Wash			Low	Low									ALLSITES, FINDS, UST
1905	K & W Transportation | Yellow Freight System Inc Federal Wy			Low	Low	Low	Low							ALLSITES, FINDS, UST
1909	C & H Transportation Co			Low	Low	Low	Low							ALLSITES, UST
1914	Carlile Transportation | Carlile Transportation Systems Inc | K & W Transportation Federal Way			Medium	Low	Low	Low							ALLSITES, ECHO, ERNS, FINDS, RCRA NONGEN / NLR, SPILLS
1930	Truck Stop Evergreen Ind Park | Truck Stop/Evergreen Ind. Park			Low		Low	Low							ALLSITES, CSCSL, FINDS, RGA HWS, SPILLS
1931	Costco Wholesale #61 | Costco Wholesale 61 | L.A. Force Trucking			Low	Low	Low	Low							ALLSITES, ECHO, FINANCIAL ASSURANCE, FINDS, MANIFEST, RCRA-SQG, SPILLS, UST
1934	American Concrete			Low	Low	Low	Low							ALLSITES, FINDS, UST
1936	Barkshire Panel Systems			Low		Low	Low							ALLSITES, ECHO, FINDS, MANIFEST, RCRA NONGEN / NLR, UST
1940	Scanco Inc			Low	Low	Low	Low							ALLSITES, FINDS, UST
1947	Broadway Truck Stop Service | Broadway Truck Stop/Chevron #9 1176 | Broadway/Flying J | Truck Village Inc			Low	Low	Low	Low							ALLSITES, CSCSL, EDR HIST AUTO, ERNS, FINDS, ICR, LUST, RGA HWS, RGA LUST, SPILLS, UST, VCP
1952	I-5 Northbound, Exit 142B				Medium									ERNS
1960	J & W Texaco | Jacksons 636 | Shell 120698 | Shell Branded Wholesale Facility | Texaco #1453 (Two Reports) | Texaco C Store | Texaco Star Mart #3728 | Texaco Star Mart #63-232-1453			Low		Low	Low							ALLSITES, CSCSL, ECHO, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, ICR, LUST, MANIFEST, NPDES, RCRA NONGEN / NLR, RGA HWS, RGA LUST, UIC, UST, VCP
1968	Skyline Mail Carriers Spill I5 & SR 18				Low									ALLSITES, CSCSL NFA

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
1971	Taylor Rental | Taylor Rental Center			Low		Low	Low							ALLSITES, CSCSL NFA, ECHO, FINDS, ICR, LUST, RCRA NONGEN / NLR, RGA LUST, UST
1972	Performance Preparation			Low		Low	Low							ALLSITES, ECHO, FINDS, RCRA NONGEN / NLR, UST
1979	Pep Boys 1474 Federal Way | Pyramid Tire | Pyramid Tire Fed Way | Pyramid Tire Inc			Low		Low	Low							ALLSITES, CSCSL, ECHO, FINDS, ICR, LUST, MANIFEST, RCRA-VSQG, RGA LUST, UST
1982	Wal Mart Store 3794			Low		Low	Low							ALLSITES, ECHO, ERNS, FINDS, MANIFEST, RCRA-SQG, SPILLS
3007	Custom Deluxe Auto Service Inc, Custom Deluxe Auto Svc					Low	Low							EDR Hist Auto, CSCSL NFA, SPILLS, ALLSITES, FINDS
3009	Evergreen Auto & Rv Repair, Att Mobility Milton Junior, Wrecking Yard (Behind Evergreen Auto)					Low	Low							MANIFEST, ALLSITES, SPILLS
3014	Southend Auto Repair					Low	Low							ALLSITES
3023	American Reinforced Plastics Inc, Skyline Mail Carriers, Ashland Chemical Co American Reinfor					Medium	Medium							VCP, RCRA NonGen / NLR, CSCSL NFA, AIRS, UST, ALLSITES, FINDS, ECHO
3024	Federal Way Automotive And Radiator, Federal Way Automotive & Radiator, Federal Way Automotive					Low	Low							FINDS, ECHO, MANIFEST, ALLSITES, RCRA NonGen / NLR, EDR Hist Auto
3029	Federal Way Foreign Auto Service, Federal Way Foreign Auto, Federal Way Foreign Auto Svc					Low	Low							ECHO, EDR Hist Auto, RCRA NonGen / NLR, ALLSITES, HIST CDL
3197	Former Milton Tavern, Milton Tavern					Medium	Medium							UST, CSCSL NFA, VCP, ALLSITES, RCRA NonGen / NLR
3243	Franks Freeway Auto Sales LLC					Low	Low							SPILLS, UIC, ALLSITES
3380	WSDOT I-5 Flood Mitigation Pont					Low	Low							CSCSL NFA, ALLSITES, FINDS
Fife Segment														
948	HomeTel Inn							Low	High					VCP. CSCSL, FINDS, ALLSITES
1005	Bruce & Boys Enterprises Inc | Floyd Equipment Rental | Interwest Metals Inc.							Medium	Medium					ALLSITES, ASBESTOS, CSCSL NFA, ECHO, FINDS, MANIFEST, NPDES, RCRA NONGEN / NLR, RGA HWS, VCP
1018	Bobs Chevron Service | Cac Inc | Chevron #97376 | Chevron Service Station 9-7376, Former | Taco Bell Chevron 97376 | Taco Bell Former Chevron 97376								Low					ALLSITES, CSCSL, ECHO, EDR HIST AUTO, FINDS, ICR, LUST, RCRA NONGEN / NLR, RGA HWS, RGA LUST, UIC, UST, VCP
1032	Wa Dot Property | WSDOT Property							Low	Low					ALLSITES, CSCSL, FINDS, RGA HWS, SPILLS
1034	Arco #5658 (Two Reports) | Arco 5658 Psi 5328 | Atlantic Richfield Company							Medium	Low					ALLSITES, CSCSL NFA, ECHO, FINDS, ICR, LUST, RCRA NONGEN / NLR, UST, VCP

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
1039	Express Stop | Pacific Xpress | Petrocard Inc							High	Low					ALLSITES, CSCSL, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, SPILLS, UST
1041	Richard A Johnson							Low	Low					ALLSITES, FINDS, UST
1047	Olympic Brake Supply | Sacs Mart Inc | Sohni Food Mart | Tahoma Express 4 | Tribal 1 Stop At Pacific Hwy | Unocal #7343 | Unocal 7343 | Unocal Service Station 7343							Medium	Low					ALLSITES, CSCSL NFA, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, ICR, LUST, SPILLS, UST
1059	Sams Tire Service Inc							Low	Low					ALLSITES, FINDS, UST
1062	Boitano Site							Low	Low					ALLSITES, CSCSL NFA, ECHO, FINDS, RCRA NONGEN / NLR
1064	Petarcik (Occidental Chemical) | Petarcik Occidental Chemical | Petarcik Site							Medium	Low					ALLSITES, CSCSL, FINDS, RGA HWS, SEMS
1083	Liberty Distributing Inc							Low	Low					ALLSITES, ECHO, FINDS, RCRA NONGEN / NLR, UST
1098	Gcr Tire Center 4247 | Gcr Tire Centers							Medium						ALLSITES, ASBESTOS, FINDS, RGA LF
1112	Pm Testing Lab Inc Pacific Hwy							Medium	Low					ALLSITES, CSCSL NFA, ECHO, FINDS, MANIFEST, RCRA-LQG, VCP
1113	Jet Auto Wrecking							Medium	Low					ALLSITES, CSCSL NFA, FINDS
1115	Goodyear Service Center | Wingfoot Commercial Tire Systems LLC							Low						ALLSITES, CSCSL, ECHO, FINANCIAL ASSURANCE, FINDS, LUST, RCRA-LQG, UST
1116	Dauphin Site | Occidental Chemical Dauphin | Occidental Chemical- Site Iv | Occidental Chemical/Dauphin							Low						ALLSITES, CSCSL, FINDS, RGA HWS, SEMS, SWF/LF
1117	Cummins Nw Inc							Low	Low					ALLSITES, CSCSL NFA, ECHO, FINDS, LUST, RCRA NONGEN / NLR, UST, VCP
1132	Public Roadway | Western Superior Structurals | Wsdot Sr 167 Tacoma To Edgewood							Low	Low					ALLSITES, ASBESTOS, CSCSL, ECHO, FINDS, SPILLS
1149	Fiedler Lowell J | Jacksons #640 | Jacksons 640 | Port Of Tacoma Shell Food Mart | Ronaco Inc | Shell Branded Wholeslae Facility, Texaco Station 121109 | Texaco #63 232 0143 (Two Reports) | Texaco 63-232-0143 | Texaco Station #63-232-0143 | Texaco Station							Low						ALLSITES, CSCSL, ECHO, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, ICR, LUST, MANIFEST, RCRA NONGEN / NLR, RGA HWS, RGA LUST, SPILLS, UIC, UST, VCP
1164	Bob & Tom Erker Texaco Service | Bob's Texaco | Erker & Son Texaco | Erkers Auto& Truck							Low	Low					ALLSITES, CSCSL, EDR HIST AUTO, FINDS, HSL, LUST, RGA HWS, RGA LUST, UST
1171	Carlson Wagonlit Travel							Low	Low					ALLSITES, CSCSL, FINDS, RGA HWS, VCP
1179	Davis Property							Low						ALLSITES, CSCSL NFA, FINDS, RGA HWS, VCP

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
1180	Veneer Chip Transport							Low	Low					ALLSITES, CSCSL, ECHO, FINDS, MANIFEST, RCRA NONGEN / NLR, RGA HWS, SPILLS, UST
1200	Wa Dot I5 Flood Mitigation Pond | Wsdot I-5 Flood Mitigation Pond							Medium	Medium					ALLSITES, CSCSL NFA, FINDS
1203	BJ's Bingo | Pernelle R Turnipseed | Pernelle Turnipseed (Aka BJ's Bingo)							Low						FINDS, INDIAN UST
1206	Susan Kaelin Property							Low						ALLSITES, CSCSL NFA, FINDS, VCP
1222	Scorpion Investments Llc Property							Medium	Medium					ALLSITES, CSCSL, FINDS, RGA HWS
1226	Fife City Of | Fife City Streetwaste Decant Facility | Fife Vehicle Div & Dept Of Public Works							Low						ALLSITES, ECHO, FINDS, MANIFEST, RCRA NONGEN / NLR, RGA LF, SWF/LF
1266	New West Gypsum | New West Gypsum Usa Inc							Medium	Low					ALLSITES, ECHO, FINDS, RGA LF, SWF/LF
1267	Joe Hall Construction							Medium	Low					ALLSITES, CSCSL NFA, ECHO, FINANCIAL ASSURANCE, FINDS, LUST, RCRA NONGEN / NLR, RGA LUST, UST
1339	Schuler Industrial Park							Medium	Medium					ALLSITES, CSCSL NFA, FINDS
Tacoma Segment														
525	Dressel Property | Edge Technologies | Tod Dressel Private Home									Low		Low	Medium	ALLSITES, CSCSL NFA, ECHO, FINDS, MANIFEST, RCRA NONGEN / NLR, RGA HWS, VCP
532	Smurfit Stone Container Corp | Tacoma Paperboard East 26th Street												Low	ALLSITES, CSCSL, HMIRS, HSL, NPDES, RGA HWS, VCP
547	Tahoma Express #2, Shell Station | Tribal 1 Stop At Portland Ave									Low	Low	Low	Low	EDR HIST AUTO, ERNS, FINDS, INDIAN UST, SPILLS
560	Don Engle Distributing Inc | Tacoma Power									Low		Low	Low	ALLSITES, ERNS, FINDS, SPILLS, UST
574	Gary W Johnson | Melody Meats									Low		Low	Low	ALLSITES, FINDS, UST
594	Aim Aerospace Tacoma Operations | Precision Pattern Inc									Low	Low	Low	Low	ALLSITES, CSCSL NFA, ECHO, FINDS, MANIFEST, RCRA NONGEN / NLR, RGA HWS, SPILLS, VCP
605	28th and Bay Street									Low	Low	Low	Low	ERNS
611	Western Beer | Western Beer Distributors | Western Beer Distributors, Inc.									Low	Low	Low	Medium	ALLSITES, CSCSL NFA, FINDS, LUST, RGA LUST, UST
656	Caraustar | Caraustar Mill Group Inc Tacoma Paperboard | Caraustar Tacoma Paperboard									Low	Low	Low	Low	ALLSITES, ECHO, ERNS, FINDS, MANIFEST, RCRA-VSQG, SWF/LF, TRIS, US AIRS
657	Frontier Transportation Company | Golden Line Recycling Corp									Low		Low	Low	ALLSITES, FINDS, UST
682	Stone Property Transit Site									Low		Low	Low	ALLSITES, CSCSL, FINDS, HSL, RGA HWS, VCP

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
695	Air Spares Inc | Air Spares Inc Former | Sterling Reference Laboratories									Low	Low	Low	Low	ALLSITES, CSCSL NFA, ECHO, FINDS, INST CONTROL, LUST, MANIFEST, RCRA-SQG, UST, VCP
703	Gordon Trucking Inc | Scarcella Bros Construction									Medium	Medium	Medium	Medium	ERNS, SPILLS
716	Chets Serv Gas Sta | Northern Battery									Low	Low	Low	Low	ALLSITES, EDR HIST AUTO, FINDS, UST
739	F & E Investments									Low	Low	Low	Low	ALLSITES, FINDS, UST
751	Joy Motor Freight | Joy Motor Freight Inc									Medium	Medium	Medium	Medium	ALLSITES, CSCSL NFA, ECHO, FINDS, LUST, RCRA NONGEN / NLR, RGA LUST, UST
765	Kiewit Pacific Co Tacoma									Low		Low		ALLSITES, ECHO, FINDS, RCRA NONGEN / NLR, UST
773	Sound Transit Tacoma Trestle Project									Low	Low	Low	Low	ALLSITES, CSCSL
781	Tacoma Spur									Low		Low		FINDS, SEMS
788	Tacoma Trestle Track & Signal Project									Low	Low	Low	Low	ALLSITES, ASBESTOS, CSCSL, FINDS
796	For Kids Only | Spring Air Northwest | Spring Air Nw Div Carman Mfg Co | Spring Air Nw-Div Carman Mfg Co									High	High	High	Low	ALLSITES, CSCSL, ECHO, FINDS, LUST, RCRA NONGEN / NLR, RGA HWS, RGA LUST, UST, VCP
805	City Of Tacoma - Dock Street Eductor Decant Facility									Low		Low		SWF/LF
816	Plytac									Low	Low	Low	Low	ALLSITES, ERNS, FINDS
817	Art The Studio | Gonzales Motors | Gonzalez Motors Motorcycle Sls & Repr									Low		Low		ALLSITES, CSCSL NFA, EDR HIST AUTO, FINDS, ICR, LUST, RGA LUST, UST
818	South End City Water Way - 2300 East D Street Twin 96-inch sewer pipe									Low		Low		ERNS
823	Tacoma Dome Station									Low	Low	Low		ALLSITES, CSCSL NFA, FINDS, RGA HWS
824	Discovery									Low	Low	Low		ALLSITES, FINDS, UST
828	Manna Pro Co | Manna Pro Corp | Manna Pro Corp.									Low	Low	Low		ALLSITES, CSCSL NFA, FINDS, ICR, LUST, RGA LUST, UST
840	Salvation Army Arc									Low				ALLSITES, ASBESTOS, ECHO, FINDS, RCRA NONGEN / NLR, SWRCY, UST
844	605 Puyallup Avenue | 605 Puyallup Avenue (Bnsf Taco | Bnrr Tacoma Yard Pond | Burlington Northern Railroad									Low	Low	Low		ALLSITES, CSCSL NFA, ERNS, FTTS, HIST FTTS, HMIRS, SPILLS
853	Former Texaco Service Station									High	High	High	Low	VCP, CSCSL, ALLSITES
859	Amanozio T Lndy | Clevinger Truck Service | Clevingers Truck Service Gas Sta | Industrial Tire Service Its									Low	Low			ALLSITES, CSCSL, EDR HIST AUTO, EDR HIST CLEANER, FINDS, HSL, LUST, RGA HWS, RGA LUST, UST, VCP
867	South Sound Radiator									Low	Low			ALLSITES, CSCSL, FINDS, HSL, RGA HWS
871	Pacific Charter School									Low				ALLSITES, CSCSL NFA, FINDS, LUST, UST

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
873	Mendez Property | Tacoma Super Serv No 1 Gas Sta									Low	Low			ALLSITES, CSCSL, EDR HIST AUTO, FINDS, ICR, LUST, RGA HWS, RGA LUST, UST, VCP
879	Coast Crane Company Tacoma | Seattle Transfer									Low	Low	Low	Low	ALLSITES, CSCSL, FINDS, RGA HWS
888	Lilyblad Petroleum Inc Epa 25t | Nu Tread									Low	Low	Low	Low	ALLSITES, ECHO, FINDS, RCRA NONGEN / NLR, RGA LF, SWF/LF
892	2000 E Bay Street									Low	Low	Low	Low	ERNS
895	Nelson Petroleum | Superior Cartage Of Washington Inc									Low	Low	Low		ALLSITES, FINDS, SPILLS, UST
900	Bnsf Tacoma Fueling Facility									Low				ALLSITES, CSCSL, HSL, RGA HWS
910	Complete Truck And Trailer Repair | Penhall Co Tacoma | Sunnen Crane Co Inc | Sunnen Crane Service									Low	Low	Low	Low	ALLSITES, CSCSL, ECHO, FINDS, HSL, ICR, LUST, RCRA-LQG, RGA HWS, RGA LUST, UST
917	Brownies Texaco Serv | Cardlock Fuels System | Pyramid Gold Ii, Llc									Low	Low	Low	Low	ALLSITES, CSCSL NFA, ECHO, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, LUST, RCRA NONGEN / NLR, RGA HWS, RGA LUST, SPILLS, UST, VCP
921	Associated Petroleum | Associated Petroleum Products, Inc.									Low	Low	Low	Low	ALLSITES, CSCSL, FINANCIAL ASSURANCE, FINDS, UST
923	Courtwright Diesel & Machine Inc									Low	Low	Low	Low	ALLSITES, ECHO, FINDS, RCRA NONGEN / NLR, UST
933	(Previously: Pegasus Restaurant & Lounge) | Bette Mcbrier									Low	Low	Low	Low	ALLSITES, ASBESTOS, CSCSL, FINDS, UST
934	East L Street and Puyallup Avenue									Low	Low			ERNS
937	Jard Petroleum Gas Sta | Major B.P. | Major Petroleum | Major Petroleum B P | Major Petroleum B.P. | Major Petroleum Bp | Union 76 Station | Unocal 76 Major Petroleum									Low	Low	Low	Low	ALLSITES, CSCSL, EDR HIST AUTO, FINANCIAL ASSURANCE, FINDS, HSL, LUST, RGA HWS, RGA LUST, SPILLS, UST, VCP
938	Arco 5727 | Pyramid Gold Inc									Low	Low	Low	Low	ALLSITES, CSCSL, ECHO, EDR HIST AUTO, ERNS, FINANCIAL ASSURANCE, FINDS, INST CONTROL, RCRA NONGEN / NLR, RGA HWS, UST, VCP
943	Aabergs Tool & Equip Rental & Sales I | Aabergs Tool & Equipment Rental & Sales									Low	Low	Low	Low	ALLSITES, ASBESTOS, FINDS, UST
949	Wp Fuller Property | Wp Fuller Property Former									Low	Low			ALLSITES, CSCSL NFA, FINDS, VCP
963	Architectural Woods Inc Puyallup Ave | Former Puyallup Avenue Gas Station | Hague Leo G Garage | Puyallup Ave Gas Station | Puyallup Ave Gas Station Former | Taft Properties Llc									Low	Low	Low	Low	ALLSITES, CSCSL, ECHO, EDR HIST AUTO, FINDS, LUST, MANIFEST, RCRA-SQG, UIC, UST, VCP

Table H7-2. Potential Impacts of Low- and Medium-Risk Hazardous Materials Sites by Alternative (continued)

Map ID	Facility List	Preferred FW Enchanted Parkway	FW Design Option (55 mph)	SF Enchanted Parkway	SF I-5	SF 99-West	SF 99-East	Fife Pacific Highway and Fife Median	Fife I-5	Tacoma 25th Street-West	Tacoma 25th Street-East	Tacoma Close to Sounder	Tacoma 26th Street	Database List
974	Rental Service Corp | Rental Service Corporation | Rental Service Corporation 561 | United Rental Facility									Low	Low	Low	Low	ALLSITES, CSCSL, ECHO, ERNS, FINDS, LUST, MANIFEST, RCRA NONGEN / NLR, SPILLS, UST, VCP
978	Avenue Arco Gas Sta | Taft & Company | Taft & Company 1239 Puyallup Ave									Low	Low	Low	Low	ALLSITES, CSCSL NFA, EDR HIST AUTO, FINDS, ICR, LUST, UST, VCP
1006	E Portland Avenue and Ellis Street									Low	Low	Low	Low	ERNS
1016	Taft & Company | Washington Textile Company									Low	Low	Low	Low	ALLSITES, CSCSL NFA, FINDS, ICR, LUST, RGA LUST, UST, VCP

2 METHODOLOGY

The study area for the hazardous materials analysis includes the build alternative and the area within a 0.25-mile radius of each build alternative footprint. The footprint includes the construction limits, parcels proposed for full or partial acquisitions, and temporary construction easements (TCEs). Because of the large project footprint, only sites listed in priority databases indicating an impact on groundwater or a substantial hazardous material release were reviewed past 0.25 mile of either side of the project footprint.

2.1 Guiding Regulations, Plans, and Policies

Applicable laws and regulations regarding hazardous materials include the following:

Federal

- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 United States Code [U.S.C.] § 103).
- Clean Water Act (CWA) (33 U.S.C. §§ 1251 et seq.).
- Federal Resource Conservation and Recovery Act (RCRA) (42 U.S.C. §§ 6901 et seq.).
- Federal Highway Administration (FHWA) Technical Advisory T6640.8A, 1987 (FHWA 1987).
- Superfund Amendments and Reauthorization Act (SARA).
- Toxic Substances Control Act (TSCA) (15 USC §§ 2601–2629).
- Department of Transportation Hazardous Materials Regulations (49 Code of Federal Regulations [CFR] 100–185).
- Spill Prevention Control and Countermeasure Plans (40 CFR 112.7).

State

- Dangerous Waste Regulations (Washington Administrative Code [WAC] 173–303).
- Model Toxics Control Act (MTCA) and its implementing regulations (Revised Code of Washington [RCW] 70A.305 and WAC 173-340).
- Underground Storage Tank Statute and its implementing regulations (RCW 70A.355 and WAC 173-360A).
- Sediment Management Standards (WAC 173–204).

2.2 Regulatory Database Evaluation

The hazardous materials analysis was developed primarily from conducting an environmental database search via the EDR Radius Map™ Report with GeoCheck® EDR database. The database search report meets the government records search requirements of American Society for Testing and Materials (ASTM) standard E1527-13, Standard Practice for Environmental Site Assessments (ESAs). The EDR reports summarize database information for the areas located within a 0.25-mile radius of each build alternative. This information – along with the Washington State Department of Ecology (Ecology) Cleanup Site Search database – was used to evaluate the alignment alternatives. The current status of regulatory and cleanup actions was also considered. The evaluation reflects the nature and extent of contamination and the media contaminated and then applies professional judgment to assess the level of concern that contamination may pose for a potential acquisition property, including the level of cost and difficulty in cleanup or remediation (addressed in Phase I ESAs of high-risk sites, Attachments A through G). The potential that contamination may have migrated or could still migrate to other properties, such as through groundwater, was also evaluated.

The regulatory database records search included, but was not limited to, reviewing the following federal, state, and local databases:

- Federal National Priorities List (NPL).
- Federal Proposed NPL.
- Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS).
- Federal CERCLIS No Further Remedial Action Planned (NFRAP).
- Federal Corrective Action Sites (CORRACTS).
- Federal Emergency Response Notification System (ERNS).
- Ecology Leaking Underground Storage Tank (LUST) Incident Report.
- Ecology Underground Storage Tank (UST) Database.
- Ecology ALLSITES Database.
- Ecology Confirmed and Suspected Contaminated Sites List (CSCSL).
- Ecology Confirmed and Suspected Contaminated Sites – No Further Action (CSCSL-NFA).
- Ecology Voluntary Cleanup Program (VCP).

2.3 Historical Land Use

The objective of the historical use information review was to develop a history of the previous uses of properties within the study area and surrounding area that helped to identify the likelihood of past uses having led to environmental conditions that could potentially affect the environment or the project's construction. The historical land use of the study area and adjacent properties was researched to determine whether activities at the sites may have involved the use or handling of hazardous materials or petroleum products. Historical records reviewed included aerial photographs, Sanborn Fire Insurance maps, and local street directories.

2.4 Windshield Survey

A visual windshield survey of properties within the study area and the surrounding area was conducted to identify properties where hazardous materials may be present. The site examination consisted of observing the areas immediately surrounding the project construction locations, visiting representative areas of the projects, and visually assessing the areas within the study area for evidence of hazardous materials. The survey identified visual evidence of past or current practices that could lead to soil impacts, groundwater contamination, or both. The site reconnaissance was conducted by driving and walking throughout the project study area and visually identifying evidence of chemical containers or drums, large spills and leaks, distressed vegetation, and USTs or other hazardous material storage containers, as appropriate. All observations were conducted from public areas or rights-of-way.

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

UTILITIES SUPPORTING MATERIALS

Appendix H8

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Appendix H8 Utilities Background Materials

1 INTRODUCTION

This background material supports the analysis of the short-term construction and long-term operations impacts of Tacoma Dome Link Extension (TDLE) on utility providers and systems that currently serve, or are planned to serve, the project area.

2 METHODOLOGY

The study area for utilities is 100 feet around the project alternatives footprint, construction areas, and stations. Information on relocated or protected utility lines was compiled from several sources, including Sound Transit geographic information system (GIS) data, GIS data available on City of Federal Way, City of Milton, City of Fife, and City of Tacoma websites, utility maps, and in some cases, as-built drawings obtained from private and public utility companies, along with civil engineering plans depicting alternative alignments. Sound Transit identified major utility conflicts for each alternative by determining where underground or overhead utilities were within the project limits of each alternative. The goals of identifying the conflicts are as follows:

- Plan for relocating the utilities during construction and, therefore, remove conflicts with construction.
- Keep the project elements (i.e., buildings, tall structures) clear of the minimum required distance of overhead utilities.
- Account for relocation costs.

Major utilities are defined as utilities of larger size, such as:

- Water mains of 16-inch diameter or greater.
- Stormwater drains and sanitary sewers of 36-inch diameter or greater.
- Sanitary sewer force mains of 24-inch diameter or greater.
- 115-kilovolt (kV) and greater electrical transmission lines.
- High-pressure gas mains of any diameter.
- Intermediate-pressure gas lines with an 8-inch diameter or greater.
- Telephone and fiber-optic duct banks with three or more conduits.
- Petroleum product pipelines.

3 EXISTING UTILITY PROVIDERS

Table H8-1, Summary of Existing Utility Providers, summarizes the utility providers in each jurisdiction.

Table H8-1 Summary of Existing Utility Providers

Utility	Federal Way	Milton	Unincorporated Pierce County	Fife	Tacoma
Natural Gas	PSE	PSE	PSE	PSE	PSE
Electricity	PSE Bonneville Power Administration	City of Milton Public Works	City of Milton Public Works[1] Tacoma Public Utilities – Power[2]	Tacoma Public Utilities – Power	Tacoma Public Utilities – Power
Water	Lakehaven Water and Sewer District	City of Milton Public Works	City of Milton Public Works	City of Fife Public Works	Tacoma Public Utilities – Water
Sanitary Sewer	Lakehaven Water and Sewer District	Pierce County Public Works	Pierce County Public Works	City of Fife Public Works	City of Tacoma Environmental Services – Sewer Division
Stormwater	WSDOT City of Federal Way Public Works	WSDOT City of Milton Public Works	WSDOT City of Milton Public Works[3] City of Fife Public Works[4]	WSDOT City of Fife Public Works	WSDOT City of Tacoma Public Works
Communications	Lumen, Comcast, Zayo	Lumen, Comcast, Zayo	Lumen, Comcast, Zayo	Lumen, Comcast, Zayo	AT&T, Lumen, Click! Network, Comcast, Lightcurve, Zayo
Petroleum	None	None	None	McChord Pipeline Co.	British Petroleum

Notes:
PSE: Puget Sound Energy
(1) City of Milton provides power for area east of I-5.
(2) Tacoma Public Utilities – Power provides power for area west of I-5.
(3) City of Milton provides stormwater collection for area east of I-5.
(4) City of Fife provides stormwater collection for area west of I-5.

4 SUMMARY OF MAJOR UTILITY CONFLICTS

Table H8-2 summarizes the major utility conflicts, expected length of relocation, and number of crossings where the length has not yet been determined. Actual relocation lengths of crossings would be determined during final design. Many underground intersecting utilities would require only a split casing. Utility Impact Figures (Figures H8-1, H8-2, H8-3, and H8-4) in each corresponding segment section below provide a basic visual representation of the key impacts and their locations within the project[1] The Draft EIS Appendix F, Conceptual Design Drawings, provides further information and more focused views of the conflicts to utilities and their surrounding area.

[1] Utility relocations that will be completed by outside parties or contractors are noted as “(by Others)” on Figures H8-1, H8-2, H8-3, and H8-4.

Table H8-2 Summary of Major Utility Conflicts
(Approximate Length of Relocations and Number of Crossings)

Alternative	Power Line	Water Line	Sanitary Sewer Line	Natural Gas/Petroleum Line	Stormwater Drainage Line	Telecom Systems
Federal Way Segment						
Preferred FW Enchanted Parkway Alternative	1,100 feet 3 crossings	100 feet	400 feet 1 crossing	Not Applicable	350 feet 1 crossing	1,100 feet 3 crossings
Preferred FW Enchanted Parkway Alternative with Design Option	1,100 feet 3 crossings	100 feet	300 feet 1 crossing	Not Applicable	350 feet 1 crossing	1,100 feet 3 crossings
South Federal Way Segment						
SF Enchanted Parkway Alternative[1]	1,750 feet 6 crossings	Not Applicable	100 feet 1 crossing	Not Applicable	200 feet	4,800 feet 2 crossings
SF I-5 Alternative	2,300 feet 6 crossings	100 feet	1 crossing	Not Applicable	Not Applicable	3,600 feet 2 crossings
SF 99-West[2]	4,050 feet relocated 1,700 feet raised 14 crossings	500 feet	300 feet	Not Applicable	Not Applicable	6,050 feet 12 crossings
SF 99-East[2]	12,550 feet relocated 700 feet raised 14 crossings	500 feet	550 feet gravity main 400 feet force main	Not Applicable	Not Applicable	14,550 feet 12 crossings
Fife Segment						
Fife Segment (portion common to all alternatives)	500 feet 3 crossings	Not Applicable	Not Applicable	Not Applicable	Not Applicable	500 feet 2 crossings
Fife Pacific Highway Alternative[3]	5 crossings	Not Applicable	Not Applicable	1 petroleum line crossing	100 feet 1 crossing	800 feet 4 crossings
Fife Median Alternative[3]	5 crossings	Not Applicable	Not Applicable	1 petroleum line crossing	100 feet	400 feet 4 crossings
Fife I-5 Alternative[3]	5 crossings	Not Applicable	Not Applicable	1 petroleum line crossing	200 feet	4 crossings

Table H8-2 Summary of Major Utility Conflicts (continued)

(Approximate Length of Relocations and Number of Crossings)

Alternative	Power Line	Water Line	Sanitary Sewer Line	Natural Gas/Petroleum Line	Stormwater Drainage Line	Telecom Systems
Tacoma Segment						
Preferred Tacoma 25th Street-West Alternative	6,400 feet 2 crossings	Not Applicable	Not Applicable	3,200 feet 2 natural gas line crossings 1 petroleum line crossing	1 crossing	6,400 feet 1 crossing
Tacoma 25th Street-East Alternative	5,000 feet 2 crossings	Not Applicable	Not Applicable	2,500 feet 2 natural gas line crossings 1 petroleum line crossing	200 feet	5,000 feet 1 crossing
Tacoma Close to Sounder Alternative	1 crossing	Not Applicable	Not Applicable	1 natural gas line crossing 1 petroleum line crossing	Not Applicable	1,200 feet 1 crossing
Tacoma 26th Street Alternative	2,800 feet 2 crossings	1,500 feet	Not Applicable	1 natural gas line crossings 1 petroleum line crossing	50 feet	1,400 feet 2 crossings

Notes:

(1) Major conflicts would be the same with SF 352nd Station Option

(2) Major conflicts would be the same with Porter Way Design Option

(3) Major conflicts would be the same for the alternatives with either the 54th Avenue Design Option or 54th Span Design Option

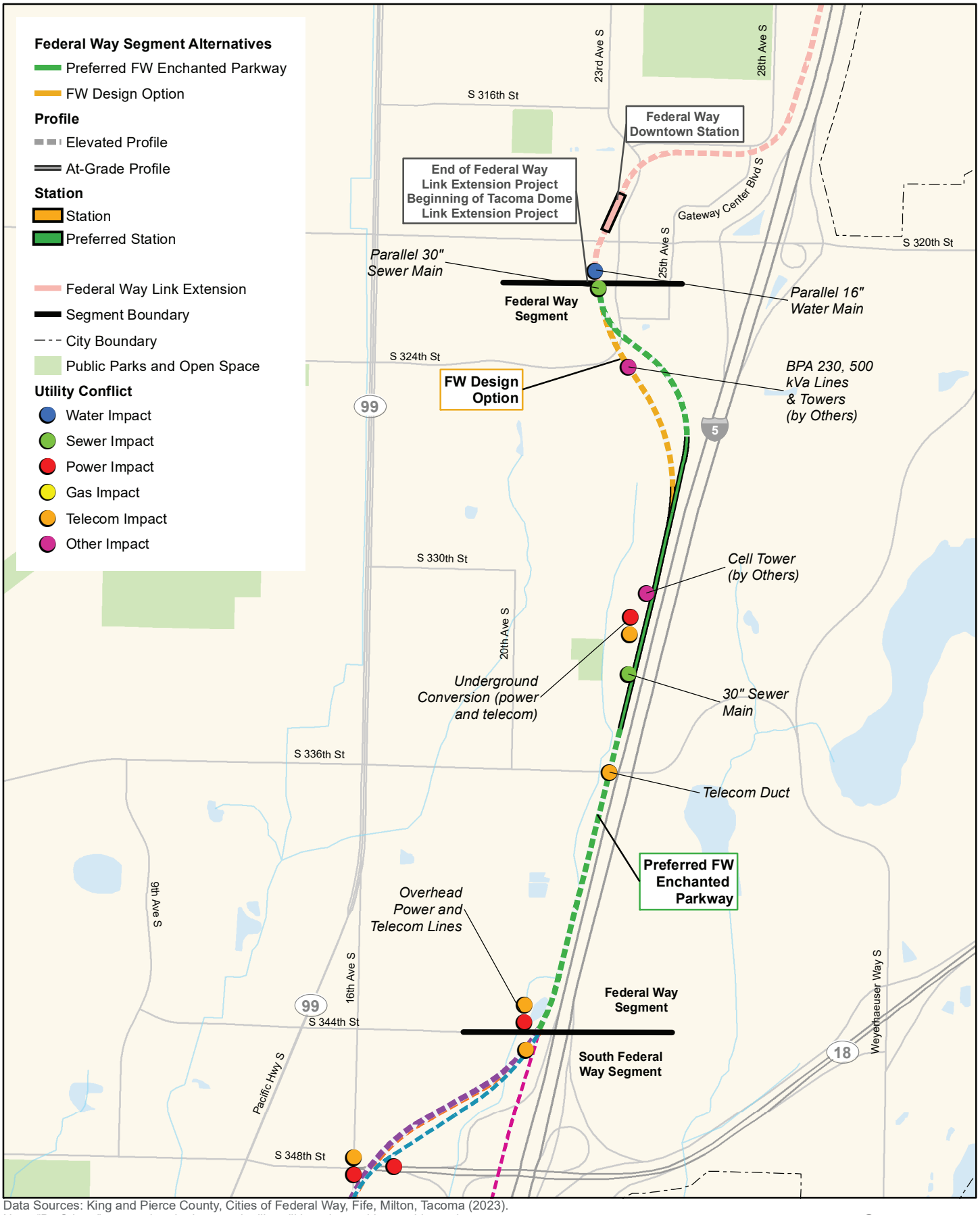

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Note: "By Others" means that the impacted utility will be relocated by outside parties or contractors.

N

0 0.5 1 Mile

FIGURE H8-1
Utility Conflicts
Federal Way Segment

Tacoma Dome Link Extension

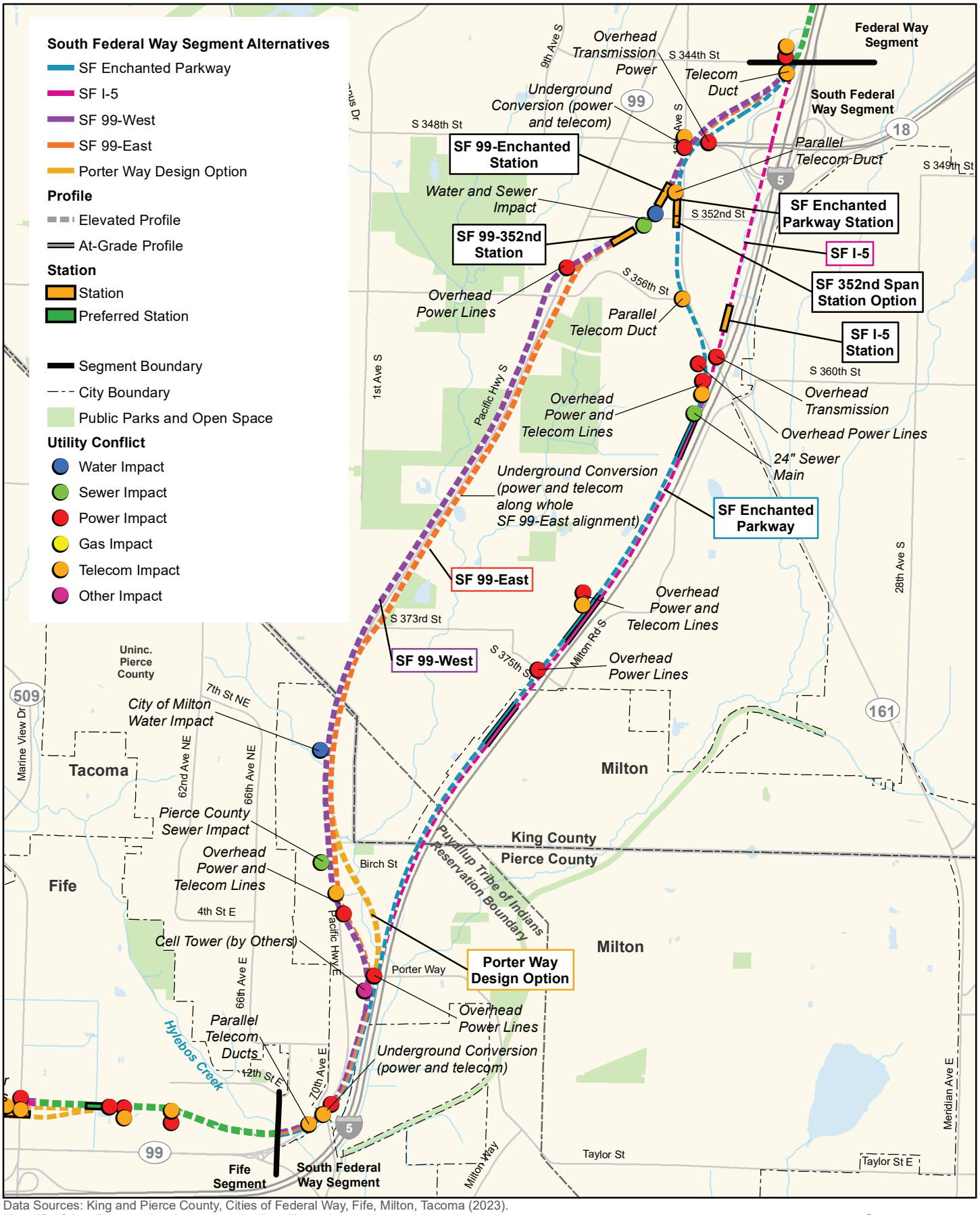

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
Note: "By Others" means that the impacted utility will be relocated by outside parties or contractors.

N

0 0.5 1 Mile

FIGURE H8-2
Utility Conflicts
South Federal Way Segment

Tacoma Dome Link Extension

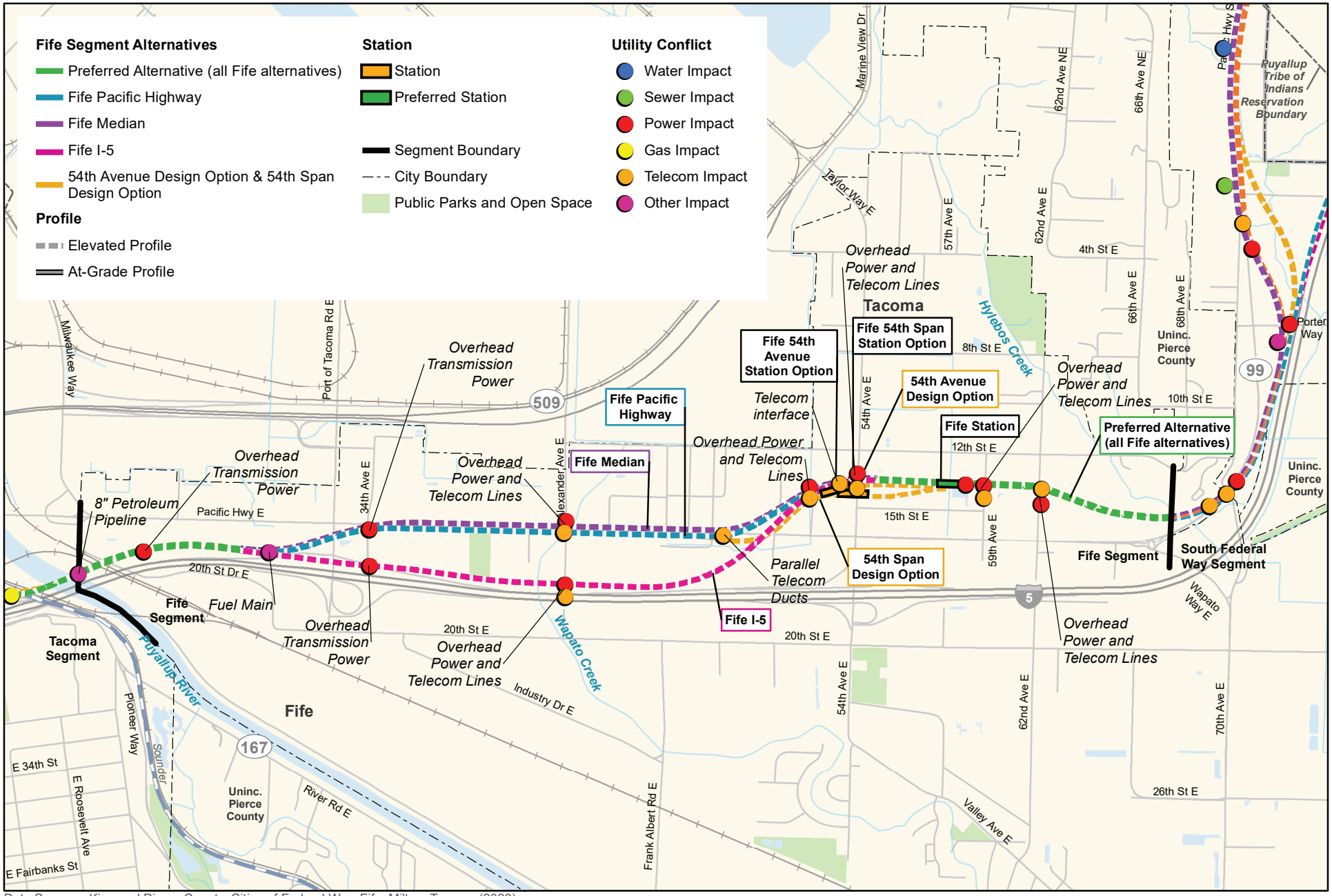

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H8-3
Utility Conflicts
Fife Segment

Tacoma Dome Link Extension

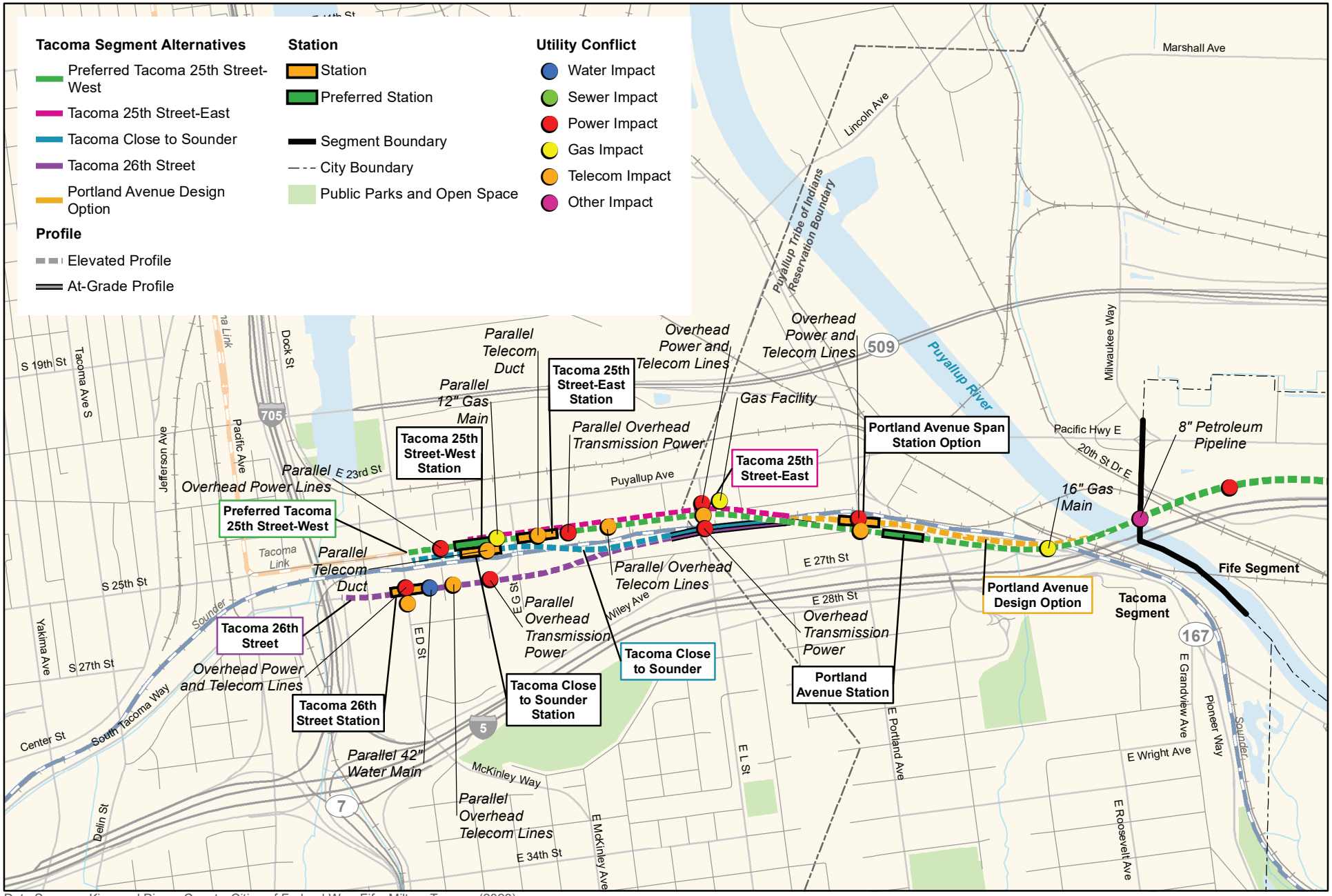

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE H8-4
Utility Conflicts
Tacoma Segment

Tacoma Dome Link Extension

4.1 Long-term Impacts Common to All Build Alternatives

Operating TDLE would increase electricity usage in the study area through:

- Operation of trains with up to four cars using direct-current power taken from 12.5 kV electric distribution facilities, including traction power substations and signal bungalows.
- Increased demand at station locations due to station operational requirements (such as functional circulation, HVAC systems, mechanical piping, intelligent transportation systems, and visual message boards), including supplemental parking features.
- General safety lighting along the alignments, in parking areas (garage or surface), and at stations and other light rail facilities.

Long-term impacts are similar for all build alternatives as described in the TDLE Draft EIS Section 4.15.3.

4.2 Federal Way Segment

4.2.1 Preferred FW Enchanted Parkway Alternative and FW Design Option

The Preferred Federal Way (FW) Enchanted Parkway Alternative with or without the FW Design Option would impact both underground and overhead utilities located throughout the corridor. Project components such as column foundations, guideway, stations, and associated facilities would conflict with multiple underground and overhead utilities.

Just south of the Federal Way Transit Center, a 16-inch water main and nearby 30-inch sewer main at the east end of The Commons mall in Federal Way would be impacted by the Preferred FW Enchanted Parkway Alternative. Sound Transit would coordinate with Lakehaven Water and Sewer District to relocate the existing water main, maintaining system integrity and level of service for the area, and resolve any issues with the sewer main. For the Preferred FW Enchanted Parkway Alternative with the FW Design Option, major utilities near The Commons mall would be impacted and addressed in the same way, just at slightly different locations.

Near S 324th Street, BPA determined that new towers would have to be built to raise the transmission lines to allow space for the aerial guideway to cross underneath. BPA would replace the old towers with new ones prior to construction of the TDLE project, and the new tower locations would be adjacent to their existing location (BPA 2020). The BPA transmission lines would have to be raised for the Preferred FW Enchanted Parkway Alternative with or without the FW Design Option. Depending on the Operations and Maintenance Facility (OMF) South location selected, the BPA lines would potentially be raised as part of that project prior to TDLE.

For the FW Enchanted Parkway Alternative with or without the FW Design Option, the aerial guideway would be located close to the existing cell tower near I-5 and Oakland Hills Boulevard and could block or interfere with cell tower transmission waves. The tower would likely be relocated to available open property in the vicinity rather than adjacent to the interstate. The relocated tower may be located in private views. Access would be needed for periodic maintenance or improvement work, which could cause temporary noise impacts.

Along I-5 near 24th Avenue S, the at-grade track alignment would prompt the realignment of the existing roadway to make room for the TDLE guideway. This realignment of the road would cause the existing overhead electrical distribution and telecom lines, along with their support

poles, to be relocated. Due to the length of this relocation, the overhead lines would likely require a conversion to an underground system in accordance with Federal Way's municipal code requirements. The act of relocation combined with possible underground conversion would be a large impact during construction. There is also an existing Lumen four-line duct in the street that may be in conflict and constitute an additional large impact to a major utility. Sound Transit would coordinate with both PSE and the private franchise telecom providers to relocate these facilities and maintain level of service. A split casing would also likely be installed on an existing 30-inch sewer main that crosses I-5 near the sound end of 24th Avenue S. The split casing implementation would minimize impacts caused by TDLE.

At S 336th Street, a column foundation would impact an existing four-duct Lumen system; the infrastructure would be relocated to the south to be clear of construction for the TDLE column. Near the east end of S 344th Street, the aerial guideway and columns would cause a conflict with the existing overhead distribution electrical and telecom lines at this location. In coordination with PSE and Comcast, the lines would have to be relocated or raised to accommodate TDLE. Additionally, there is a large nine-line Lumen duct crossing I-5 at the end of S 344th Street that would need to be protected in place (if possible) during construction. The subsurface impacts could potentially be reduced to preserve the large duct by coordinating closely with Lumen.

4.3 South Federal Way Segment

The construction impacts caused by the TDLE aerial guideway would be the same for the SF Enchanted Parkway, SF 99-West, and SF 99-East alternatives between S 344th Street and the respective station area and would be the same for all alternatives from Porter Way through the corner of the City of Milton to the Fife city limit near 70th Avenue E.

Common to SF Enchanted Parkway, SF 99-West, and SF 99-East Alternatives

As TDLE travels south from the segment boundary toward Enchanted Parkway, the aerial design crosses both the 115 kV overhead transmission lines along with distribution electrical and telecom lines at the intersection of SR 18 and Enchanted Parkway. This would create a vertical conflict with the transmission electrical lines. The overhead transmission lines would have to be raised for clearance and the distribution and telecom lines would likely require underground conversion at this location based upon impact length. Sound Transit would review these conflicts with PSE and Comcast.

Common to All Alternatives

The TDLE guideway would come into close range with an existing cell tower near Porter Way. The guideway could block or interfere with cell tower transmission waves. The cell tower owner would likely be required to remove the tower or relocate it to available open property in the vicinity rather than adjacent to the interstate. The relocated tower may be located in private views. Access would be needed for periodic maintenance or improvement work.

At Porter Way, the aerial guideway would conflict with existing overhead distribution electrical and telecom lines spanning I-5 and would require Sound Transit to coordinate resolution of that conflict with the City of Milton for electrical needs, along with Comcast for telecom, which owns these lines.

As it reaches 70th Avenue E and crosses Pacific Highway, the guideway would generate several conflicts with utilities near this intersection, including with Tacoma Power overhead

distribution electrical lines, which would need to be relocated. Similar to impacts in Federal Way, the length of conflict for this impact would likely trigger a Fife city code, which could require an underground conversion. In addition to the power conflict, TDLE would also impact existing Lumen infrastructure located at the intersection; both aerial lines and a large 13- to 18-line duct would conflict with the project. Due to the multiple impacts, combined with the possible underground conversion at this location, construction work here would have a large effect on the project and should be noted. Sound Transit would coordinate with Tacoma Power, Lumen, and any other private franchise telecom providers that may also be attached to the poles to relocate these facilities and maintain level of service.

Utility conflicts created by construction of TDLE that are dependent on the selected alternative alignment are described in further detail in the following sections.

4.3.1 SF Enchanted Parkway Alternative

Near the SF Enchanted Parkway Station, there is also a potential impact to an existing five-line Lumen duct that would require relocation due to column foundations that would otherwise strike the telecom system. Similar to the impacts near the station, the construction of column foundations to support the aerial guideway through the South Federal Way Segment would also conflict with a nine-line Lumen duct at the 16th Avenue S and S 356th Street intersection. Compared with the SF Enchanted Parkway Station, the SF 352nd Span Station Option would be shifted slightly to the south and would have the same conflict with an existing five-line Lumen duct near the station location, as well as a nine-line Lumen duct at the 16th Avenue S and S 356th Street intersection. Both potential conflicts would require relocation and communication between Sound Transit and Lumen to resolve the issues.

Directly southeast of this location, the aerial guideway would also conflict with overhead distribution electrical lines at both S 359th and S 360th Street, with an additional vertical telecom conflict at the second location, which would require the lines to be relocated to gain the required vertical separation. As this change covers a short horizontal distance, underground conversion would likely not be required. Sound Transit, PSE, and Comcast would partner to complete this work.

A 24-inch sewer main crosses I-5 near the Todd Beamer High School roundabout in 16th Avenue S. The manhole access points to this main conflict with the alignment of the SF Enchanted Parkway Alternative. In addition, record drawings indicate the main crosses under I-5 at an approximate depth of 35 feet below ground and is inside a 51-inch steel casing, which would make it challenging to uncover the main and modify the existing alignment to provide continued access through a relocated manhole. Sound Transit would work with Lakehaven Water and Sewer District to develop a strategy for doing this work.

Approaching the corner of 12th Avenue S and S 372nd Way, the aerial guideway would impact overhead distribution power lines and three aerial telecom lines owned by Lumen. The overhead lines and poles would be moved to be clear of the project by Sound Transit working with PSE and Lumen to complete the relocation. The elevation of the guideway alongside I-5 at S 375th Street would conflict with the existing overhead distribution electrical lines spanning the freeway at this location. The lines would need to be relocated and raised in this location, in coordination with PSE.

In the South Federal Way Segment, the SF Enchanted Parkway Alternative and the SF I-5 Alternative would have the same utility impacts at S 372nd Way and S 375th Street. Sewer

impacts near Todd Beamer High School would be greater with the SF Enchanted Parkway Alternative than the protect-in-place measures that would be required for the SF I-5 Alternative.

4.3.2 SF I-5 Alternative

The SF I-5 Alternative south of S 344th Street would cause some different impacts on major utilities for the project than the other alternatives. After leaving the SF I-5 Station, the aerial guideway would cross over Enchanted Parkway S. At this location, the existing 115 kV overhead transmission electrical lines that span over I-5 on the existing bridge would have to be raised, with the additional challenge of re-spanning I-5. Sound Transit would coordinate with PSE to address this vertical conflict. Since this alternative is closer to I-5, it eliminates some of the distribution vertical conflicts caused by the other alternatives along Enchanted Parkway and SR 99.

The SF I-5 Alternative would place column foundations very close to the 24-inch sewer that crosses I-5 near the Todd Beamer High School roundabout on 16th Avenue S but does not directly conflict with it. As the guideway is aerial, this does not restrict access to existing manholes, so both the existing sewer main and the casing should be able to be protected in place during construction by Sound Transit working with Lakehaven Water and Sewer District. Due to the close proximity of the main and foundation, both parties would have to monitor progress very closely to ensure that no conflict arises that could cause a service interruption.

South of Todd Beamer High School, the SF I-5 Alternative would have the same impacts as the SF Enchanted Parkway Alternative, including the overhead distribution power and telecom lines as at S 372nd and S 375th Streets.

4.3.3 SF 99-West Alternative

The SF 99-West Alternative has the same construction impacts at the beginning of the segment as the SF Enchanted Parkway Alternative from S 344th Street to the station area. After the aerial guideway leaves the station and continues southwest toward Pacific Highway E, it approaches the intersection with S 356th Street and crosses over to the west side of the highway. This crossing creates a vertical impact to the PSE 115kV overhead transmission electrical lines at this intersection, and they would have to be raised. Additionally, depending on exact column placement and refined alignment, PSE's overhead electrical distribution lines in this area may also be in conflict along with some shorter runs of Lakehaven water and sewer mains. As the guideway continues south along the west side of Pacific Highway E toward the county line, it would impact several overhead electrical power services to properties on the west side of the highway. Those conflicts are not major in designation, but due to the high volume of them and their ability to create service interruptions for property owners, they should be noted as critical.

Beginning near the King/Pierce County Line and continuing south until the alignment crosses east back over Pacific Highway E to reach I-5 near Porter Way, the placement of supporting column foundations for the SF 99-West Alternative would impact City of Milton water mains and Pierce County sewer mains, and Sound Transit would have to work with those agencies to relocate those lines out of conflict. The TDLE guideway crossing east toward I-5, from the SF 99-West Alternative just past Birch Street, would again create a vertical intersection with the existing overhead electrical distribution and telecom lines. The electrical lines are owned by the City of Milton at this location, and the telecom lines are owned by Comcast. Sound Transit would coordinate with those impacted providers to resolve the clash with the TDLE alignment. This section of the alternative also creates several conflicts with overhead electrical service lines to properties along the west side of Pacific Highway E that would also require resolution.

4.3.4 SF 99-East Alternative

The SF 99-East Alternative has the same construction impacts at the beginning of the segment as the SF Enchanted Parkway and SF 99-West Alternatives from S 344th Street to the station area. After the aerial guideway leaves the station and continues southwest toward Pacific Highway E, it nears the intersection with S 356th Street and crosses S 356th Street to stay on the east side of the highway. As the SF 99-East Alternative does not cross Pacific Highway E, it avoids impacting the PSE 115kV overhead transmission electrical lines that occurs with the SF 99-West Alternative. The column placements for this alternative would likely have underground conflicts with the Lakehaven water and sewer mains in this area similarly to the SF 99-West Alternative, which would require Sound Transit to work with the District on relocation solutions.

South of the S 356th Street intersection, as the alignment continues tracking the east side of Pacific Highway E, the TDLE guideway comes into direct vertical conflict with the existing overhead electrical distribution and telecom lines that follow the same route south along the highway. As this impact is continuous from S 356th Street down to the alignment, directing back east toward I-5, past Birch Street, it would trigger the City of Federal Way's municipal code requirements, and both overhead systems would be required to be converted to underground. The act of relocation combined with possible underground conversion would be substantial, especially given that this underground conversion would have to be done for approximately 2 miles in length. Sound Transit would coordinate with PSE, Comcast, Lumen, and any other private franchise telecom providers that may also be attached to the poles to underground these facilities and maintain level of service. As described in the SF 99-West Alternative, this conflict and/or undergrounding would also create several impacts to the overhead electrical service lines to properties along the west side of Pacific Highway E; these service lines would also require resolution.

The SF 99-East Alternative avoids the City of Milton water main and Pierce County sewer main impacts created by the SF 99-West Alternative near the King/Pierce County line and down through Milton.

4.4 Fife Segment

In the Fife Segment, all alternatives would be on an aerial guideway. All impacts in this segment are related to conflicts with support column foundations or vertical conflicts at overhead intersection locations. All the alternatives in the Fife Segment have the same alignment from the east City of Fife jurisdictional boundary line to the preferred Fife Station.

Coming into the City of Fife, the TDLE alignment would be on an aerial guideway as it moves past the new roundabout at Pacific Highway E and Wapato Way E. Construction impacts and/or relocations to the existing overhead Tacoma Power electrical lines and overhead telecom lines, as well as conflicts with the large, underground Lumen duct that begins at the end of the South Federal Way Segment, may continue into the beginning of the Fife Segment area and would be coordinated with Tacoma Power, Lumen, and other utility providers, as necessary.

Approaching the Fife Station area, the aerial guideway would intersect with existing overhead distribution electrical and telecom lines at 62nd Avenue E and 59th Avenue Court E, requiring the relocation of those wires to eliminate the vertical conflict. TDLE would also cross existing 115 kV overhead transmission electrical lines just west of 59th Avenue Court E at the Fife Station; the lines would have to be raised to accommodate not only the project guideway but also the

proposed station. Tacoma Power would be doing the relocation work for the three conflicts by the station, working closely with Sound Transit.

West of the Fife Station, all alternative conflicts with overhead electrical distribution and telecom lines as it crosses 54th Avenue E and at 52nd Avenue E. Both sets of lines would need to be raised in order to meet vertical separation requirements. Sound Transit would work with Tacoma Power and the private franchise telecom providers on this construction work.

On the west side of 54th Avenue E, a column foundation would impact a Lumen serving area interface station that would need to be relocated. A serving area interface station is a connecting hub for several fiber optic and copper wire connections that, unlike typical vaults, also connects directly back to and interfaces with the primary data center/switch/main frame in the area. For this reason, relocation of a serving area interface is more difficult and costly than a typical vault connection and would require coordination between Sound Transit and Lumen.

The 54th Avenue and 54th Span Design Options would have similar utility impacts to the Fife Segment alternatives with the preferred Fife Station, but at slightly different locations due to the variance in both guideway alignment and station location for each option.

Impacts to major utilities between Wapato Way E and the intersection of 52nd Avenue E and Pacific Highway would be the same for all of the alternatives in the Fife Segment. Near Pacific Highway, the alternatives would diverge and create separate utility impacts. More utilities (major and minor impacts) are located within Pacific Highway than along I-5, so the Fife Pacific Highway and Fife Median alternatives would generate more utility conflicts. Overall, the quantity impacts to major utilities would largely be the same for all three of the alternatives in the Fife Segment, since the same utilities cross all alignments but at different geographical locations.

4.4.1 Fife Pacific Highway Alternative

As the Fife Pacific Highway Alternative crosses Pacific Highway between Willow Road E and 51st Avenue E, two column foundations conflict with an existing seven-line Lumen duct bank. The duct would need to be relocated to maintain level of service for the area, which would be done in collaboration with Lumen and Sound Transit. Continuing west, the Fife Pacific Highway Alternative would have a vertical impact with overhead distribution electrical and telecom lines at the Pacific Highway and Alexander Avenue E intersection. Again, both sets of lines would be relocated to taller poles in order to remove the conflict with the guideway, by working with the appropriate utility owners. Next, there is a vertical conflict that occurs just east of the Pacific Highway and Port of Tacoma Road intersection. The guideway conflicts with the vertical location of Tacoma Power's 115 kV overhead transmission electrical lines. Tacoma Power would need to raise the lines in order to provide the required separation from TDLE. These impacts along Pacific Highway would not occur with the Fife I-5 Alternative.

An existing petroleum pipeline crosses the alignment at the end of the I-5 southbound on-ramp from Port of Tacoma Road. This pipeline supplies jet fuel to Joint Base Lewis-McChord located south of the project and would be protected in place by TDLE construction. Due to the challenging nature of fuel pipelines and the critical importance to service of the base, it is likely the project would not be allowed to impact this pipeline. Additional information about the pipeline and its hazards can be found in the Puyallup Tribe All Hazard Mitigation Plan, Pipeline Hazards Report located online as referenced. Sound Transit would work to design TDLE to avoid impacts on the pipeline as a result of TDLE column foundations and would work closely with Joint Base Lewis-McChord during construction to ensure the pipeline is protected and not disturbed.

The aerial guideway would have a vertical conflict with existing 115 kV overhead transmission electrical lines, as the alignment intersects with the lines just west of the Port of Tacoma I-5 interchange on/off-ramps. This would require the wires to be raised onto taller poles in order to gain the vertical clearance required by the project. Tacoma Power would be the party responsible for relocating the lines, in collaboration with Sound Transit. Both the jet fuel pipeline and 115kV Port of Tacoma lines would impact all three of the alternatives in the Fife Segment at the same location.

4.4.2 Fife Median Alternative

All large impacts on utilities for the Fife Median Alternative would be the same as the conflicts discussed for the Fife Pacific Highway Alternative. The actual impact position to the utilities would be approximately 70 feet north of the Fife Pacific Highway Alternative.

4.4.3 Fife I-5 Alternative

Once the Fife I-5 Alternative crosses Pacific Highway, it continues in a southwest trajectory until it reaches I-5, where it turns west to parallel the freeway. Running alongside I-5, the guideway would conflict with overhead distribution electrical and telecom lines as it intersects with Alexander Avenue E. Both sets of lines would be relocated to taller poles in order to remove the conflict with the guideway by working with the appropriate utility owners. Next a vertical conflict would occur just east of the I-5 and Port of Tacoma Road interchange. The guideway would conflict with the vertical location of Tacoma Power's 115 kV overhead transmission electrical lines. Tacoma Power would have to raise the lines in order to provide the required separation from TDLE.

The Fife I-5 Alternative would cross the same petroleum pipeline and 115 kV transmission power lines as the Fife Pacific Highway and Fife Median alternatives, with the same intent to avoid impacts.

4.5 Tacoma Segment

All alternatives for the Tacoma Segment would have three key impacts on existing major utility infrastructure. First is the impact to the existing British Petroleum (BP) Olympic pipeline located near the east bank of the Puyallup River. Based on BP system records, the 8-inch petroleum pipeline runs a few feet offset from the northern side of N Levee Road E in the location where TDLE would cross the pipeline. Sound Transit would avoid the pipeline if possible. Relocating this pipeline would be hazardous and a large effort for the project. Additional information about the pipeline and its hazards can be found in the Puyallup Tribe All Hazard Mitigation Plan, Pipeline Hazards Report located online as referenced. If relocation is necessary, Sound Transit would work closely with BP to find a strategy that would make the work as safe and efficient as possible.

The second conflict common to all alternatives is the impact to an existing 16-inch high-pressure gas main in E Bay Street. Column foundations to support the aerial guideway are anticipated to impact the existing main, which would require it to be relocated around the columns. Survey information for this main would be gathered in later phases of design to determine an exact location of the line. Once a location is confirmed, the engineering team would try to adjust the location of the columns to avoid the main, if possible. If the impacts on the existing main are unavoidable, Sound Transit would work with PSE to relocate the main, as required.

The last impact common to all alternatives in the Tacoma Segment would be a vertical conflict between the aerial guideway and overhead distribution electrical and telecom lines at the

Portland Avenue E and E 26th Street intersection. Sound Transit would work with Tacoma Power and Telecom providers to raise all the existing wires to resolve this issue.

All utilities associated with the TDLE guideway and the overhead catenary system are located outside the flight path to Joint Base Lewis McChord (FAA 2020).

4.5.1 Preferred Tacoma 25th Street-West Alternative

Entering the Dome District, the Preferred Tacoma 25th Street-West Alternative turns to align with E 25th Street and the future station area at the East L Street intersection. Aligning the guideway with E 25th Street creates several impacts on existing utilities located throughout the roadway corridor. This alternative would create the most impacts to utilities within the Tacoma Segment. The remaining impacts discussed in this section are unique to the Preferred Tacoma 25th Street-West.

At the East L Street intersection, the guideway would conflict with both the 115 kV overhead transmission electrical lines and the overhead distribution electrical and telecom lines. The 115 kV transmission lines that run parallel to E 25th Street would have to be relocated to another parallel street that is a few blocks north or south of the project. There would not be enough physical space to support the poles and wires of the transmission line in E 25th Street with the addition of TDLE. The 115 kV lines that run perpendicular to the project in East L Street would be raised to eliminate the conflict with the project.

The distribution power and telecom system also impacted on the transmission poles would likely be addressed by conversion to underground infrastructure due to city codes dictated by conflict length and remain in the roadway, provided there is enough space to accommodate it. Before advancing down the alignment, the guideway would have a final impact to an existing PSE gas facility on the northeast corner of the E 25th Street and East L Street intersection due to column placement. This column foundation would impact a looped gas main facility and would need to be relocated to maintain the system integrity for PSE in this area. Sound Transit would have to work directly with PSE to determine the exact impacts of this conflict and how best to mitigate them.

Continuing west along the alignment toward the Tacoma 25th Street-West Station, the project column placement would create a conflict with an existing 12-inch high-pressure gas main that would need to be relocated during construction. This existing gas main connects to the PSE facility previously identified, so any relocation work would have to be located to avoid both conflicts. As the project approaches the proposed Tacoma 25th Street-West Station, the column foundations are planned to be farther away from the gas main, which could allow for some of the existing main to be protected in place.

Lastly, three existing telecom ducts, owned by Lumen, Zayo, and AT&T, are present in the street and would be in conflict with column foundation construction. The ducts are all larger in size: two run along the south side of the road, and one along the north. The ducts would have to be consolidated and relocated into the center of the road to avoid both TDLE and Tacoma Link infrastructure if possible. Sound Transit would coordinate with all the identified private franchise telecom owners to plan this relocation work.

4.5.2 Tacoma 25th Street-East Alternative

Impacts to major utilities for this alternative are the same impacts identified for the Preferred Tacoma 25th Street-West Alternative. The difference is a shorter impact length, as the alignment does not extend as far to the west.

One variation for a bus layover space on E 26th Street and East G Street that is paired with the Tacoma 25th Street-East Alternative has the potential to impact the existing Tacoma Power substation. This configuration is not preferred and is one of the six bus transit options under consideration for TDLE.

4.5.3 Tacoma Close to Sounder Alternative

Entering the Dome District, the Tacoma Close to Sounder Alternative would turn to align with the existing Sounder tracks just west of Portland Avenue. This alternative would have few utility impacts adjacent to the Sounder tracks and the overall alternative creates minimal utility impacts due to the corridor being largely clear of existing utilities because of property ownership and prior relocations to accommodate Sounder. The Close to Sounder Alternative produces the fewest number of impacts to utilities within the Tacoma Segment and the following identified impacts are unique to this alignment based on its specific geographical location.

Once this alternative reaches the intersection of E 25th Street and East G Street, the column foundations that support the aerial guideway would begin to conflict with the two large telecom ducts along the south side of road, similar to what was described for the Preferred Tacoma 25th Street-West Alternative. Sound Transit would work with both Lumen and Zayo to relocate the ducts and resolve the impact to their systems.

The Close to Sounder Alternative route also runs close to an existing Tacoma Power substation that is located on the northeast leg of the E 26th Street and East G Street intersection. While columns for the alignment would be close to the substation, no impacts are anticipated to be caused by the project; the substation is referenced so it can be protected in place during construction activities in the area.

4.5.4 Tacoma 26th Street Alternative

Similar to the Tacoma Close to Sounder Alternative, the Tacoma 26th Street Alternative would also have fewer impacts than either the Preferred Tacoma 25th Street-West or Tacoma 25th Street-East alternatives because it would run adjacent to the Sounder tracks. However, the Tacoma 26th Street Alternative would generate more impacts than the Tacoma Close to Sounder Alternative due to the impacts it would have on E 26th Street.

When the alignment straightens onto E 26th Street just east of the intersection with East G Street, the Tacoma 26th Street Alternative would also avoid the Tacoma Power substation, which would be protected in place during construction. Beginning at this intersection, the column foundations would also create subsurface impacts on an existing 42-inch water main that is located in E 26th Street. This large transmission water main would be a lengthy and intensive relocation due to its size, combined with it continuing onto E 26th Street and traveling through the remaining length of the project. Sound Transit would coordinate with Tacoma Public Utilities Water Division to address this impact.

As the alignment approaches E 26th Street at the East F Street intersection, the aerial guideway would conflict with the 115 kV overhead transmission electrical lines and telecom wires also located on the transmission poles. As is the case for the 115 kV relocation on E 25th Street, this parallel run of transmission lines would be relocated to a completely different street in the nearby area. There would not be enough physical space to support the poles and wires of the transmission line in this street with the addition of TDLE. The existing overhead telecom lines would likely be converted to an underground system to meet City of Tacoma codes. Sound Transit would work with both Tacoma Power and the private franchise telecom owners to solve this construction conflict.

Finally, near the end of the project at the E 26th Street and East D Street intersection, both overhead distribution electrical and telecom lines would have to be raised to remedy a vertical impact caused by construction of TDLE. The majority of utility impacts associated with the Tacoma 26th Street Alternative are unique to that alternative and would not occur with the other alternatives in the Tacoma Segment.

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Utility Locations References

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City of Milton GIS shape files. Received: 2018.

City of Tacoma GIS shape files. Received: 2018.

City of Tacoma Sewer and Storm Drain as-built drawings and system maps. Received: 2019.

Comcast as-built drawings and system maps. Received: 2019.

King County GIS shape files. Received: 2018.

Lakehaven Water and Sewer District GIS shape files. Received: 2018.

Lakehaven Water and Sewer District as-built drawings and system maps. Received: 2019.

McChord Pipeline Company as-built drawings and system maps. Received: 2019.

Pierce County GIS shape files. Received: 2018.

Pierce County Sewer and Storm Drain as-built drawings and system maps. Received: 2019.

Puget Sound Energy as-built drawings and system maps. Received: 2018.

Tacoma Public Utilities-Power as-built drawings and system maps. Received: 2019.

Tacoma Public Utilities-Water as-built drawings and system maps. Received: 2018.

Tacoma Dome Link Extension

ATTACHMENT A

Phase I Environmental Site Assessment
TD 3244, TD 3245, TD 3246, TD 3247
USG Highway 99
7110 Pacific Highway E
Milton, Washington

SOUNDTRANSIT

Phase I Environmental Site Assessment
TD 3244, TD 3245, TD 3246, TD 3247
USG Highway 99
7110 Pacific Highway E
Milton, Washington

Prepared for

Sound Transit
Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

March 2021

CITATION

Sound Transit. 2021. Phase I Environmental Site Assessment TD 3244, TD 3245, TD 3246, TD 3247 USG Highway 99, 7110 Pacific Highway E, Milton, Washington. Prepared by Parametrix, Seattle, Washington. March 2021.

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a professional engineer licensed to practice as such, is affixed below.

Prepared by Adam Romey, LG

Approved by Rick Wadsworth, PE

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ACRONYMS AND ABBREVIATIONS

ASTM	American Society for Testing and Materials
CMMP	Contaminated Media Management Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
CREC	Controlled Recognized Environmental Condition
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HBMS	Hazardous Building Materials Survey
HREC	Historical Recognized Environmental Conditions
I-5	Interstate 5
ICR	Independent Cleanup Report
IDW	Investigative Derived Waste
kg	Kilograms
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
NFA	No Further Action
NPL	National Priorities List
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RV	Recreational Vehicle

SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TDLE	Tacoma Dome Link Extension
TSD	Transportation, Storage, and Disposal
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
WSDOT	Washington State Department of Transportation

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) for the Tacoma Dome Link Extension (TDLE) project in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as Tacoma Dome (TD) properties TD 3244, TD 3245, TD 3246, and TD 3247. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report. The subject property is located on Pierce County Tax Lots 0420057006, 0420057007, 0420057008, and 0420053075 and is currently occupied by a commercial business for canopy sales and a vacant parcel. Parcel TD 3247 (0420053075) was sold to the Washington Department of Transportation (WSDOT) in February 2021. The subject property encompasses an area of approximately 1.9 acres, is zoned for light industrial and has two temporary structures constructed in 1992 and 2000.

The first known development of the site was in the 1960s with a structure on the second southernmost parcel. By 1980, excavation or filling of the southernmost parcel was underway. By 2006, the subject property appears much as it does today.

No evidence of significant use or storage of hazardous substances and/or petroleum products was noted on or near the subject property during site reconnaissance. No evidence of distressed vegetation, spills or releases, dry wells, or other indications of environmental concern was identified during the site reconnaissance. However, a number of drums with non-hazardous investigative derived waste (IDW) and a monitoring well were noted on the property, which are indicative of ongoing investigation and cleanup efforts.

Based on available hydrogeologic information for the site and vicinity, the direction of groundwater flow at the subject property is to the south and east toward and along Hylebos Creek (adjacent east).

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property except for the following:

Recognized Environmental Conditions

The subject property is listed in the Washington State Department of Ecology (Ecology) Confirmed and Suspected Contaminated Sites List (CSCSL) database. Twenty-thousand tons of arsenic-contaminated fill material was placed on the site by USG Interiors prior to 1985. The material was waste material from the production of rock wool produced from slag from the Asarco copper smelter in Tacoma. Arsenic was confirmed in soil, sediment, and groundwater above state cleanup levels. An Agreed Order with Ecology established remedial actions, including soil hotspot solidification, in situ chemical oxidation to address groundwater hotpots, Hylebos Creek sediment excavation, and confirmational groundwater monitoring. Site cleanup is currently underway. The past use of the property for fill material placement and existing contamination represents a REC for the subject property.

Data Gaps

An on-site reconnaissance and interview were not able to be conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to conduct a Phase I Environmental Site Assessment (ESA) on the site located at 7110 Pacific Highway E in Milton, Washington (herein referred to as the subject property; see Figure 1), as part of the Tacoma Dome Light Rail Extension (TDLE) project. The subject property includes Pierce County parcels 0420057006, 0420057007, 0420057008, and 0420053075 (TDLE parcel IDs TD 3244, TD 3245, TD 3246, and TD 3247, respectively). The subject property, known as USG Highway 99, is currently occupied by a commercial business for canopy sales and a vacant parcel. Parcel TD 3247 (0420053075) was sold to the Washington Department of Transportation (WSDOT) in February 2021. The Phase I ESA was conducted to support environmental due diligence related to potential acquisition of the property associated with the TDLE project.

The subject property encompasses approximately 1.9 acres and includes two structures (temporary mobile offices) that house a number of commercial businesses, including canopy, RV, and trailer sales. The structures were constructed in 1992 and 2000 and have no listed square footage. The boundaries of the subject property are shown in Figure 2.

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The Phase I ESA consisted of two distinct tasks: (1) a review of documents and of oral information (if available) and (2) a site examination. Conclusions and recommendations in this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with American Society for Testing and Materials (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study. The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (known as CERCLA) and, as such, constitutes "all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice" as defined by 42 United States Code (USC) §9601 (35)(B).

The purpose of this Phase I ESA is to identify Recognized Environmental Conditions (RECs) on or near the subject property. The term Recognized Environmental Condition is defined in ASTM Standard E1527-13 as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a threat of a future *release* to the environment. *De minimis conditions* are not *recognized environmental conditions*."

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

11/5/2020 | ST_TDLE_Ph2 | Phase1_Fife_USGHighway99_Figure_1.mxd

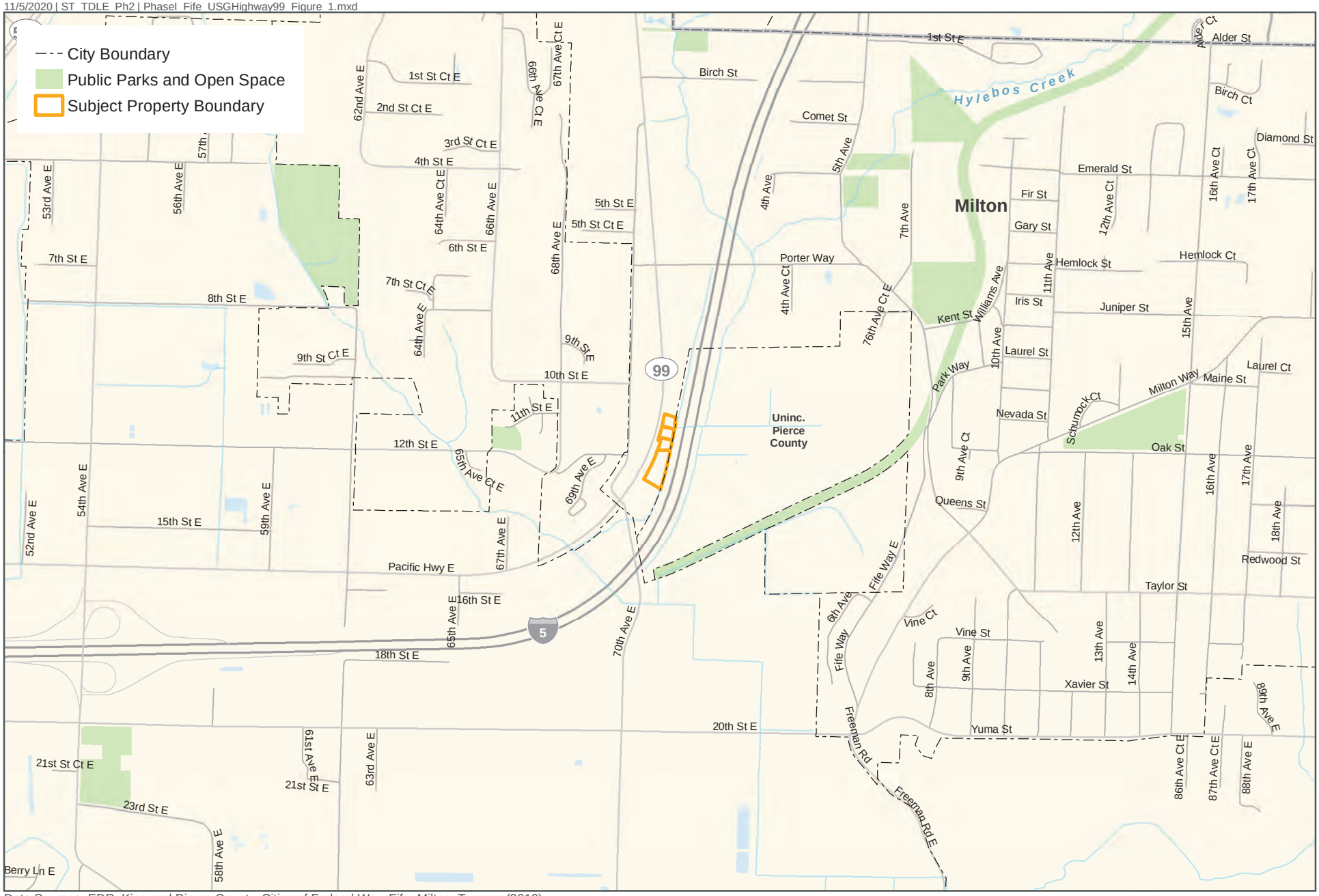

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 1
Site Vicinity Map
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Fife_USGHighway99_Figure_2.mxd

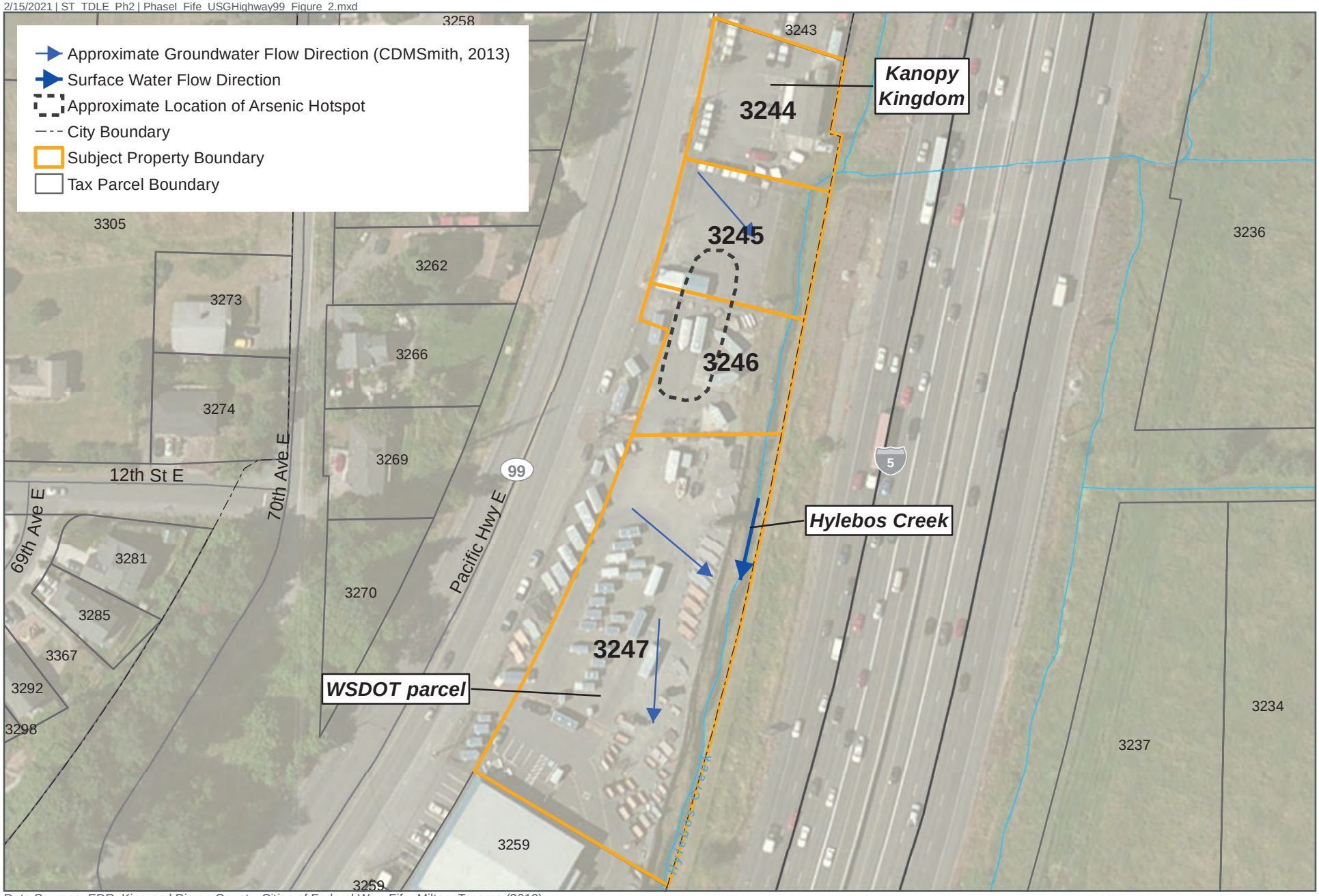

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls." (ASTM 2013)

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those areas to which it had access on the subject property.

Phase I ESA methodology included viewing accessible areas of the subject property on foot. Unless otherwise stated, no exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions may exist at the site but were not detected at the time of the investigation.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

The following sections summarize the location, characteristics, and physical setting of the subject property.

2.1 Location

The subject property is located at 7100-7110 Pacific Highway E in Milton, Washington. It is a 1.9 acre property bounded by Pacific Highway E to the west, Interstate 5 (I-5) to the east, and additional commercial properties to the north and south. According to the Pierce County Assessment Office, WSDOT is the current owner of parcel 0420053075 (TDLE parcel ID TD 3247). Freeway Sales LLC is the current owner of 0420057006, 0420057007, and 0420057008 (TDLE parcel IDs TD 3244, TD 3245, and TD 3246, respectively). The site location is shown on Figure 1. The boundaries of the subject property and project construction footprint are shown on Figure 2.

2.2 Site and Vicinity Characteristics

The subject property has been primarily used as parking lots for RVs, truck canopies, and trailer sales. There are two temporary structures (offices) on the subject property for which square footage are not listed (constructed in 1992 and 2000). After the recent purchase of TD 3247 by WSDOT, Freeway Trailer Sales, Inc. relocated in February 2021. The northern three lots (TD 3244, TD 3245, and TD 3246) continue to be used for truck canopy sales.

The vicinity of the subject property is developed for commercial uses. Properties on the west side of Pacific Highway E are generally developed as residential. The properties immediately to the north and south of the subject property are associated with the businesses on the subject property. Pacific Highway E and I-5 are immediately adjacent to the subject property to the west and east respectively. Hylebos Creek runs along the eastern margin of the subject property (Figure 2).

2.3 Physical Setting

The subject property is at an elevation of approximately 22 feet above mean sea level. The topography of the site gently slopes east toward Hylebos Creek (USGS 2020). Prior to fill being introduced to the site, the slope toward the creek was greater. Soils in the area of the subject property are mapped as Tisch Silt by the U.S. Department of Agriculture (USDA 2020). These are described as poorly drained soils.

The surface geology of the subject property is mapped as Quaternary alluvium. This unit is highly variable depending on the location, ranging from clays to gravels, from high to low hydraulic conductivity.

The site is underlain by artificial fill. Groundwater at the site is found at a depth of approximately 5 to 15 feet below ground surface. The groundwater flow direction below the subject property is primarily to the east toward Hylebos Creek and south parallel to the creek (CDMSmith 2013).

The nearest surface water body is Hylebos Creek which runs along the eastern boundary of the subject property between the subject property and I-5. The creek flows southwest before turning west and discharging into the Hylebos Waterway in Commencement Bay. Prior to the development of the area

and the construction of I-5 in the 1960s, Hylebos Creek flowed generally to the south along the current I-5 alignment. During the development of I-5, the creek was diverted to the west side of I-5 and channelized into the current alignment. Hylebos Creek rejoins its natural channel at the south end of the Freeway Trailer property (adjacent south of the subject property). The creek flows south, crosses under Pacific Highway E, then bends to the northwest, eventually flowing into the Hylebos Waterway and enters Commencement Bay (CDMSmith 2013).

2.4 Current Use of the Property

The subject property has housed commercial businesses, which include sales of RVs, trailers, and truck canopies. Access to the subject property is from Pacific Highway E. Zoning for all four parcels of the subject property is listed as Light Manufacturing District (M-1). WSDOT purchased the southern parcel TD 3247 in February 2021 and plans to restore the Hylebos Creek channel through this parcel. The other three parcels TD 3244, TD 3245, and TD 3246 continue to be used by a commercial business for truck canopy sales.

2.5 Descriptions of Improvements on the Subject Property

Based on Pierce County property assessment records, the subject property includes approximately 1.9 acres with two temporary structures built in 1992 and 2000. The remainder of the subject property is primarily paved, with Hylebos Creek running along the eastern border of the subject property. Local records indicate that electricity, water, and sanitary sewer are provided by local utilities.

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products. Parametrix reviewed the Pierce County Recorders database for liens against the current owner. No environmental liens were identified within the recorded documents filed for the current owner of the subject property. Parametrix reviewed the Washington State Department of Ecology's environmental covenant database (Ecology 2021), and no environmental (restrictive) covenants were found for the subject property (although the Agreed Order for the subject property lists a restrictive covenant as part of the work to be performed).

A Property History Guarantee title report was supplied by Sound Transit for the subject property (attached in Appendix A). There are no records in the title summary report indicating activity or use limitations or environmental liens affecting the property. No evidence of current activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: (1) a review of regulatory databases to find sites, including and close to the subject property, listed by federal and State of Washington agencies and (2) a compilation of historical uses of the subject property and site vicinity properties to determine whether past operations pose an environmental risk to the subject property.

Information for agency database review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR report is a summary of state and federal database searches for sites of possible environmental concern and is included in Appendix B. Historical information is based on review of historical Sanborn Fire Insurance Maps (Appendix C) and aerial photographs (Appendix D).

The information review enabled Parametrix personnel to characterize the types of activities performed at the site and identify data gaps prior to the site examination, and it facilitated recognition of discrepancies between reported and observed data. Any data gaps identified during the document review were addressed by interviewing Tacoma-Pierce County Health Department personnel, by making observations during the site examination, or by additional detailed investigation.

It should be noted that the information supplied by EDR is reported as Parametrix received it. EDR, in turn, reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from database records maintained by the U.S. Environmental Protection Agency (EPA) and Ecology. The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR report (Appendix B). Only standard and key additional databases are listed below. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the types of listings, types of contaminants, proximity and position relative to the subject property, topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (Section 4 below).

3.1.1 Review of Washington State Department of Ecology Databases

The following subsections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases. Additional information regarding these sites was reviewed on Ecology's Integrated Site Information System website to supplement data gaps in the EDR report. Relevant database listings from Ecology include the following:

- Underground Storage Tank (UST) List
- Leaking Underground Storage Tank (LUST) List

- Confirmed and Suspected Cleanup Site List (CSCSL)
- Confirmed and Suspected Cleanup Site List – No Further Action (CSCSL-NFA)
- SPILLS
- Voluntary Cleanup Program (VCP)
- Independent Cleanup Report (ICR)
- Landfill and/or Solid Waste Disposal Site Lists
- Brownfields

3.1.1.1 Underground Storage Tank List

The Ecology UST List identifies registered USTs, which are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data were obtained from Ecology's UST Site/Tank Report database.

Information contained in the EDR report indicates that the subject property is not listed as a UST site. One UST site was identified within 0.25 mile of the subject property

- The H&H Diesel Service site (407 Porter Way) is located approximately 1,150 feet northeast of the subject property. The site is reported to have had three tanks installed at the site. This site is discussed further in Section 3.1.1.3.

Unless otherwise noted, the mere presence of a UST near a site does not, in itself, constitute a REC. Where available, other information was reviewed regarding the presence of a UST, including the age of the facility, proximity to the subject property, and known releases or spills. UST sites that have had known releases are discussed in Section 3.1.1.2 and 3.1.1.3 below.

3.1.1.2 Leaking Underground Storage Tank List

The LUST Incident Report contains an inventory of reported leaking UST incidents. The data were obtained from Ecology's LUST Database List. The subject property is not listed as a LUST site.

No LUST sites were identified within 0.5 mile of the subject property.

3.1.1.3 Confirmed and Suspected Contaminated Sites List

The state hazardous waste sites records are the states' equivalent to the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (the state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data were obtained from Ecology's CSCSL.

The subject property is identified as a CSCSL site (though only listed in the FINDS database in the EDR report). The USG Interiors Inc 99 Site (Cleanup Site ID 3618) is reported to have arsenic in soil and groundwater confirmed above cleanup levels. Cleanup has been initiated at the site. The site is further discussed in Section 4.1.

Sixteen additional CSCSL sites were identified within one mile of the subject property. Of the sixteen sites, three are located within 0.25 mile of the subject property:

- The 6924 Pacific Highway E/ US GYPSUM CO HYLEBOS CR DUMP SITE (6924 Pacific Highway E) is located approximately 820 feet south-southwest of the subject property. The site is reported to have petroleum, pesticides, polycyclic aromatic hydrocarbons (PAHs), and phenolic compounds in groundwater above cleanup levels. The site is part of the Commencement Bay Nearshore Tideflats National Priorities List (NPL) site. Shallow groundwater at this site is assumed to flow west toward Hylebos Creek and downgradient from the subject property as the site lies on the other side of the creek. Based on the distance from the subject property and the direction of flow of Hylebos Creek, the contaminants at this site have a low potential to have impacted groundwater at the subject property and do not appear to be a REC to the subject property.
- The H&H Diesel Service Inc 407 site (407 Porter Way) is located approximately 1,150 northeast of the subject property. The site is also listed in the RCRA Non-Generator/No Longer Required database (Section 3.1.2.4). The site is reported to have petroleum and metals in soil and petroleum and arsenic in groundwater. Extensive investigation and cleanup have been completed at this site, and Ecology issued a No Further Action (NFA) determination in 2019 contingent upon institutional controls limiting groundwater use at the site and engineering controls including a sub-surface permeable membrane and an asphalt cap. Semiannual inspection and maintenance of these controls are required as well. Based on the distance and location of the site on the other side of Hylebos Creek and the institutional controls in place at the site to prevent migration of contaminants, this site does not represent a REC for the subject property.
- The WSDOT property site (6722 Pacific Highway E) is located approximately 1,300 feet southwest of the subject property. This site is reported to have benzene above cleanup levels in soil and arsenic above cleanup levels in groundwater. The site is awaiting cleanup, according to Ecology's database. Based on understood elevated arsenic levels in the area and distance from the subject property, this site does not represent a REC for the subject property.

A subset of the CSCSL is the CSCSL NFA. The database contains information about sites previously on the CSCSL that have received an NFA determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when clean-up activities are completed. Instead, an NFA code is entered based upon the type of NFA determination the site received.

- The WSDOT I-5 Flood Mitigation Pond site (6717 Pacific Highway E) is located approximately 1,200 feet southwest of the subject property. Arsenic was detected in groundwater at the site above cleanup levels. An NFA was issued for the site based on the elevated arsenic levels in groundwater in the general area and with the understanding that groundwater in the vicinity is not utilized for consumption. Based on the distance from the subject property and regulatory status, the site does not appear to be a REC.

3.1.1.4 SPILLS Database

This database provides a comprehensive list of reported spills. The subject property is not listed in the SPILLS database.

3.1.1.5 Voluntary Cleanup Program

This database provides a listing of sites that have entered either the VCP or its predecessor, the Independent Remedial Action Program. The subject property is not listed as a VCP site.

No VCP sites are reported within approximately 0.25 mile of the subject property.

3.1.1.6 Independent Cleanup Report

These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

The subject property is not listed as an ICR site. One ICR site is reported within approximately 0.25 mile of the subject property. The H&H Diesel Service site is discussed in Section 3.1.1.3 above.

3.1.1.7 Solid Waste Facilities/Landfill

The Solid Waste Facilities/Landfill records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data were obtained from Ecology's Solid Waste Facilities Handbook.

The subject property is not listed as a Solid Waste Facilities/Landfill site. Two Solid Waste Facilities/Landfill sites were reported within 0.5 mile of the subject property. Neither of these sites are located within 0.125 mile of the subject property, and neither is considered a REC.

3.1.1.8 Brownfields List

The Brownfields List is a database of sites that Ecology considers brownfields or that have received financial or technical assistance for cleanup. A brownfield is "a real property where expansion or redevelopment is complicated by actual or perceived environmental contamination." The subject property is not listed as a State Brownfields site. No State Brownfields sites were reported within 0.5 mile of the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following subsections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases:

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) database
- Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Act (RCRA)
- Resource Conservation and Recovery Act Information (RCRAInfo) List
- Emergency Response Notification System (ERNS) List
- U.S. Brownfields List

3.1.2.1 National Priorities List

The NPL identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. Information contained in the EDR report indicates that the subject property is not listed as an NPL site. One NPL site is listed within one mile of the subject property, and there is one NPL site which impacts the vicinity of the subject property:

- The 6924 Pacific Highway E/ US GYPSUM CO HYLEBOS CR DUMP SITE (6924 Pacific Highway E) is located approximately 820 feet south-southwest of the subject property. The site is reported to have petroleum, pesticides, PAHs, and phenolic compounds in groundwater above cleanup levels. The site is part of the Commencement Bay Nearshore Tideflats NPL site. The site is discussed in detail in Section 3.1.1.3 above.
- The Asarco Tacoma Smelter Plume is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than Model Toxics Control Act Method A cleanup levels and is not considered a REC for the subject property.

3.1.2.2 SEMS Database

The EPA's Superfund Enterprise Management System (SEMS) database identifies sites that may potentially pose a threat to the environment or the health of the public.

Information contained in the EDR report indicates that the subject property is not listed as a SEMS site. Two SEMS sites were identified within 0.5 mile of the subject property:

- The 6924 Pacific Highway E/ US GYPSUM CO HYLEBOS CR DUMP SITE (6924 Pacific Highway E) is located approximately 820 feet south-southwest of the subject property. This site is discussed above in Section 3.1.2.1.
- The B & L Woodwaste Fill site (Porter Way T20N R4E S5) is located approximately 2,400 feet to the east-northeast of the subject property. The SEMS listing states that this site is part of the Commencement Bay Nearshore Tideflats NPL site. This site is not considered a REC for the subject property due to the distance and gradient from the subject property and no known impacts to the subject property.

The EPA also publishes the SEMS-ARCHIVE list, which identifies SEMS sites that have been designated "no further remedial action planned" and that have been removed from the SEMS List. Information contained in the EDR report indicates that the subject property is not listed as a SEMS-ARCHIVE site. No SEMS-ARCHIVE sites were identified within 0.5 mile of the subject property.

3.1.2.3 CORRACTS List

The CORRACTS List identifies hazardous waste handlers with a history of RCRA corrective action activity. This list shows which corrective action events have occurred for every hazardous waste handler that has had corrective action activity due to improper procedures or handling.

Information contained in the EDR report indicated that the subject property is not listed as a CORRACTS site. No CORRACTS sites are listed within one mile of the subject property.

3.1.2.4 RCRA Generators List

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments of 1984. The database includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA.

Very small quantity generators generate less than 100 kilograms (kg) of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate more than 1,000 kg of hazardous waste, or more than 1 kg of acutely hazardous waste per month. Non-generators do not currently generate hazardous waste.

Information contained in the EDR report indicates that the subject property is not listed in any RCRA generator database.

Two RCRA Non-generators are listed within 0.25 mile of the subject property but are either discussed in other sections or are at sufficient distances to not represent RECs for the subject property.

EPA also regulates the management of hazardous waste at transportation, storage, and disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a TSD site. No TSD sites are identified within 0.5 mile of the subject property.

3.1.2.5 ERNS List

The ERNS List is a national database containing information from spill reports made to federal authorities. Information contained in the EDR report indicates that no ERNS sites are listed near the subject property.

3.1.2.6 US Brownfields List

The EPA's US Brownfields List identifies brownfield properties addressed by Cooperative Agreement Recipients or by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. No US Brownfields sites are listed within 0.5 mile of the subject property.

3.1.3 Other Databases

The following subsections include other databases identified in the EDR report that may be relevant to assessing potential environmental liability or environmental issues at the subject property.

3.1.3.1 EDR Proprietary Databases

EDR has conducted research on the occurrence of historical business practices that may pose a REC to properties. The database was developed from data found in historical city directories and contains information on over 100,000 former gas stations, manufactured gas plants, and dry cleaners. Because of the nature of these businesses, the sites have the potential for soil and groundwater contamination to have occurred.

EDR Historical Auto Stations

EDR has searched selected national collections of business directories and collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. The listings reviewed include, but were not limited to, gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, and/or service station.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are no EDR Historical Auto Stations sites within 0.125 mile of the subject property.

EDR Manufactured Gas List

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800s to 1950s to produce a gas that could be distributed and used as fuel. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils, and other compounds, are potentially hazardous to human health and the environment. The byproducts from this process were frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

No manufactured gas sites are listed within one mile of the subject property.

EDR Historical Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to, dry cleaners, cleaners, laundries, laundromats, cleaning/laundry businesses, wash and/or dry businesses.

A review of the EDR Historical Dry Cleaner list, as provided by EDR, has revealed that there are no EDR Historical Dry Cleaner sites within 0.125 mile of the subject property.

3.1.4 Orphan Site List

Orphan sites are those for which mapping information is not detailed enough to plot the location of the site, or for which there is no known responsible party, or the responsible party is unwilling or unable to pay for cleanup. Based on a review of the information for the orphan sites, none appear to represent a potential REC for the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The subject property and adjacent sites were reviewed in an effort to determine whether vapor migration has, or has the potential to have, occurred at the site from adjacent properties. Based on the information reviewed, the subject property is not identified as a potential vapor intrusion site.

Groundwater and soil contamination on site are limited primarily to arsenic, which does not typically cause vapor intrusion issues.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area to help identify the likelihood that past uses have led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include the Certified Sanborn Maps and the historical aerial photos.

3.2.1 Certified Sanborn Maps

A copy of the Certified Sanborn Map Report for the TDLE project area is included in Appendix C (EDR 2019). Maps were not available for the USG Highway 99 site.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs of the subject property area were examined for the years 1941, 1957, 1968, 1980, 1990, 2006, and 2013. Copies of the aerial photographs are included in Appendix D. Observations are discussed below.

1941	The subject property appears partially developed for agricultural purposes. Hylebos Creek runs through the northern three parcels of the subject property. A road appears to run east-west between the southernmost two subject property parcels and intersects Pacific Highway E, which is apparent to the west. The parcel immediately to the north appears to be developed with a structure.
1957	The subject property appears much as it did in the 1941 photo. Residential development has occurred across Pacific Highway E to the west.
1968	I-5 has been developed to the east of the subject property and Hylebos Creek has been rerouted along the east side of the subject property to accommodate the highway. The second parcel from the south appears to be developed with a structure.
1980	The subject property parcels appear undeveloped with the exception of the southernmost parcel which appears to be actively excavated or filled.
1990	The subject property appears much as it does today absent current structures. Residential development has increased to the west of the subject property.
2006–2013	The subject property and adjacent properties appear as they do today.

Based on the historical document review, the subject property first appeared developed (aside from agricultural use) in the 1968 aerial photo, with a structure on the second southernmost parcel. The 1980 photo shows the southernmost parcel being actively excavated or filled. By 2006 the subject property appears much as it does today. No evidence of RECs was identified on the subject property or in the vicinity during the historical document review.

3.2.3 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following subsections.

3.2.3.1 City of Milton

A review of permits for environmental significance (i.e., septic tank, stormwater, dry wells, and/or USTs or aboveground storage tanks) was completed. No permits of environmental significance were available online from the City of Milton.

3.2.3.2 Pierce County

Based on information from the Pierce County Property Assessor-Treasurer Information Portal (2020), the subject property is located on parcels 0420057006, 0420057007, 0420057008, and 0420053075. Rendell Herbert & Anita LLC is the current owner of parcel 0420053075 (TDLE parcel ID TD 3247), and Freeway Sales LLC is the current owner of 0420057006, 0420057007, and 0420057008 (TDLE parcel IDs TD 3244, TD 3245, and TD 3246, respectively). Pierce County records indicate that two temporary structures constructed in 1992 and 2000 are located on the subject property.

3.2.4 Additional Environmental Information

The following subsections provide a summary of additional environmental information obtained for the site.

3.2.4.1 Asbestos

The manufacture of most asbestos-containing materials was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the temporary structures (constructed 1992 and 2000), there is low potential for asbestos-containing materials to have been used in the construction of the buildings. An HBMS has not been conducted on the subject property.

3.2.4.2 Lead-Based Paint

Before 1977, paint commonly contained lead, which is considered to cause human health problems if ingested. Based on the age of the temporary structures (constructed 1992 and 2000), there is low potential for LBP to have been used in the construction of the building. An HBMS has not been conducted on the subject property.

3.2.4.3 Polychlorinated Biphenyls (PCBs)

Transformers can potentially contain PCBs. There are no transformers located on the subject property. Based on the age of the temporary structures (constructed 1992 and 2000), there is low potential for PCBs to have been used in the construction of the building (PCBs are primarily used in lighting and electrical equipment). An HBMS has not been conducted on the subject property.

3.2.4.4 Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas, and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

Pierce County ZIP code 98354 is located in Federal EPA Radon Zone 3. The Zone 3 indoor average radon level is less than 2 pCi/L (pico Curies per Liter). Based on this limited information, radon likely does not represent an environmental concern at the property. In addition, based on lack of a basement and the occupational nature of the site (limited working hours), radon is not expected to be a potential REC for the subject property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties and fill in data gaps where applicable. Previous investigations and file reviews are summarized below.

4.1 Previous Investigations

Based on the subject property's listing in Ecology's CSCSL database, Parametrix requested available site records from the agency. The subject property is listed as the USG Interiors Inc 99 site (CS 3618). Contamination at this site originated prior to 1985 from the depositing of 20,000 tons of waste from the manufacturing of rock wool by USG in Tacoma. USG used slag (as a raw material for the rock wool) from the Asarco copper smelter in Tacoma, which contained arsenic. USG removed a portion of the waste from the site between 1984 and 1986 (Ecology 2015).

Based on subsequent subsurface investigations (including the Remedial Investigation), soil, sediment (in Hylebos Creek), and groundwater at the site were determined to be contaminated with arsenic (CDMSmith 2016). Soil and groundwater samples collected confirmed that state cleanup levels were exceeded for both media. Primary soil and groundwater hotspots on the subject property are located on parcels TD 3245 and TD 3246 (CDMSmith 2013). The site Agreed Order (Ecology 2016) established that remedial actions at the site include:

- In situ soil arsenic hotspot solidification with a cement/bentonite/iron reagent to isolate and reduce leachability of the arsenic
- Construction of a permeable pavement cap
- Hylebos Creek sediment cleanup through excavation (and subsequent restoration)
- Confirmation groundwater monitoring

Site cleanup is currently underway. The ongoing cleanup efforts and existing arsenic contamination in soil, creek sediment, and groundwater represents an REC for the subject property.

The Agreed Order (Ecology 2016) also establishes that land use restrictions should be recorded in a Restrictive Covenant for each property affected. Parametrix found no record of Restrictive Covenants for the affected parcels.

4.2 Adjacent Properties File Review

Several nearby properties were listed on environmental databases, as described in Section 3. In general, sufficient site-specific information was available through review of the EDR report as well as online Ecology files to develop an opinion on the potential for these properties to have affected the subject property.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 20, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site examination are included in Appendix E.

5.1 Subject Property

The subject property is developed with paved and fenced lots, as well as two temporary office structures. The lots are in use as storage for businesses involved in RV, trailer, and truck canopy sales. The western boundary of the subject property fronts Pacific Highway E. The western edge of the property runs along the Hylebos Creek drainage and was not accessible during the site examination. Drums of non-hazardous investigation derived waste and a monitoring well were noted on the subject property, presumably associated with the ongoing investigation and cleanup efforts described in Section 4.1.

No evidence of aboveground storage tanks or other indications of environmental significance were observed on the exterior portions of the property. In addition, no evidence of significant storage or spills of hazardous substances and/or petroleum products was observed on the subject property. No evidence of staining, adverse odors, or other indications of potential releases was observed. In general, no RECs or other adverse environmental conditions were identified associated with the subject property.

5.2 Adjacent Properties

The vicinity of the subject property is developed primarily with commercial and residential properties. Adjacent properties were examined from public areas for the presence of environmental conditions that have the potential to impact the subject property.

The subject property is bounded by Pacific Highway E to the west, I-5 to the east, and additional commercial lots associated with businesses on the subject property to the north and south. Residences occupy parcels across Pacific Highway E. No evidence of significant staining or stressed vegetation was noted on the ground surface on assessable properties adjacent to the site. No evidence of the storage of chemical or hazardous materials was identified on visible areas of adjacent properties.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13.

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. No RECs were identified through the review of the user questionnaire. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix completed an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health – Contaminated Properties division, on February 4, 2021 (TPCHD 2021). Mr. Olsen indicated that TPCHD had no records for the subject property.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13 (2013) on the subject property identified as TD 3244, TD 3245, TD 3246, and TD 3247. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report. The subject property is located on Pierce County Tax Lots 0420057006, 0420057007, 0420057008, and 0420053075 and is currently occupied by a commercial business for canopy sales and a vacant WSDOT parcel. The subject property encompasses an area of approximately 1.9 acres, is zoned for light industrial, and has two temporary structures constructed in 1992 and 2000.

The first known development of the site was in the 1960s, with a structure on the second southernmost parcel. By 1980, excavation or filling of the southernmost parcel was underway. By 2006, the subject property appears much as it does today.

No evidence of significant use or storage of hazardous substances and/or petroleum products was noted on or near the subject property during site reconnaissance. No evidence of distressed vegetation, spills or releases, dry wells, or other indications of environmental concern was identified during the site reconnaissance. However, a number of drums with non-hazardous investigative derived waste (IDW) and a monitoring well were noted on the property, which are indicative of ongoing investigation and cleanup efforts.

Based on available hydrogeologic information for the site and vicinity, the direction of groundwater flow at the subject property is to the south and east toward and along Hylebos Creek (adjacent east).

This assessment has revealed no evidence of RECs in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed in the Washington State Department of Ecology (Ecology) CSCSL database. Twenty-thousand tons of arsenic-contaminated fill material was placed on the site by USG Interiors prior to 1985. The material was waste material from the production of rock wool produced from slag from the Asarco copper smelter in Tacoma. Arsenic was confirmed in soil, sediment, and groundwater above state cleanup levels. An Agreed Order with Ecology established remedial actions, including soil hotspot solidification, in situ chemical oxidation to address groundwater hotpots, Hylebos Creek sediment excavation, and confirmational groundwater monitoring. Site cleanup is currently underway. The past use of the property for fill material placement and existing contamination represents a REC for the subject property.

Data Gaps

An on-site reconnaissance and interview were not able to be conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

8. REFERENCES

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Appendix A

User Supplied Documents

Commitment for Title Insurance

Title Officer:
Email:
Title No.: 210610-SC

Property Address:

Introducing LiveLOOK

LiveLOOK title document delivery system is designed to provide 24/7 real-time access to all information related to a title insurance transaction.

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PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210610-SC [ROW TD3244, TD3245. TD3246, & TD3247]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: March 8, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: March 8, 1971 at 08:00 AM
Ending date: March 8, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

PARCEL A:

(continued)

1. Warranty Fulfillment Deed:

Grantor: Lemuel T. Dunham, a single man
Grantee: Partners Financial, Incorporated, a Washington corporation, formerly under the name of Investment Syndicates, Inc.
Recorded: November 13, 1979
Recording No.: 2957204

2. Statutory Warranty Deed:

Grantor: Partners Financial, Incorporated, a Washington corporation
Grantee: United States Gypsum Company, a Delaware corporation
Recorded: August 18, 1982
Recording No.: 8208180033

3. Statutory Warranty Deed:

Grantor: United States Gypsum Company, a Delaware corporation
Grantee: Herbert A. Rendel and Anita M. Rendel, husband and wife
Recorded: June 11, 1986
Recording No.: 8606110301

4. Real Estate Contract:

Grantor: Herbert A. Rendel and Anita M. Rendel, husband and wife
Grantee: Leonard G. Boscarine and Linda M. Plein, husband and wife
Recorded: August 24 1988
Recording No.: 8808240285

Agreement to Amend Real Estate Contract:

Recording Date:November 19, 1990
Recording No.: 9011190380

5. Statutory Warranty Deed:

Grantor: Linda Plien and Leonard G. Boscarine, her husband
Grantee: Herbert A. Rendel
Recorded: June 23, 1992
Recording No.: 9206230684, which is a re-record of 8903230138

6. Correction Statutory Warranty Fulfillment Deed:

Grantor: Herbert A. Rendel and Anita M. Rendel, husband and wife
Grantee: Linda M. Plein, also known as L.M. Plein, and Leonard G. Boscarine, husband and wife
Recorded: June 23, 1998
Recording No.: 9806230075, a correction of instrument recorded under Recording No. 9512180212

7. Quit Claim Deed:

Grantor: Linda M. Plein, also known as L.M. Plein, and Leonard G. Boscarine, husband and wife
Grantee: Leonard G. Boscarine and Linda M. Plein, Trustees or their successors in trust, under the Leonard G. Boscarine and Linda M. Plein Living Trust dated February 12, 1998
Recorded: June 29, 1998
Recording No.: 9806290106

8. Statutory Warranty Deed:

Grantor: Leonard G. Boscarine and Linda M. Plein, Trustees or their successors in trust, under the Leonard G. Boscarine and Linda M. Plein Living Trust dated February 12, 1998
Grantee: Batrob, LLC, a Washington limited liability company
Recorded: April 16, 2003
Recording No.: 200304161019

9. Real Estate Contract:

Grantor: Batrob, LLC, a Washington limited liability company
Grantee: Freeway Sales LLC, a Washington limited liability company
Recorded: May 5, 2005
Recording No.: 200505061290

PARCEL B:

10. Tax Deed:

Grantor: Maurice Raymond, Treasurer
Grantee: Chris Palzer
Recorded: December 18, 1973
Recording No.: 2532790

11. Tax Deed:

Grantor: Maurice Raymond, Treasurer
Grantee: Chris Palzer
Recorded: December 18, 1973
Recording No.: 2532795

12. Warranty Fulfillment Deed:

Grantor: Albert J. Warlick, as trustee of North Western Mortgage Investors Corporation, a Washington corporation in reorganization under Chapter X of the Bankruptcy Act
Grantee: Charles E. Jackson and Kathe H. Jackson, his wife
Recorded: October 15, 1976
Recording No.: 2695234

13. Quit Claim Deed:

Grantor: Willie Eddie Banks and Mae W. Banks, his wife
Grantee: Albert J. Warlick, as trustee of North Western Mortgage Investors Corporation, a Washington corporation in reorganization under Chapter X of the Bankruptcy ActRecorded: October 15, 1976
Recording No.: 2695235

14. Statutory Warranty Fulfillment Deed:

Grantor: Komao Kondo and Motoe Kondo, husband and wife
Grantee: Willie Eddie Banks and Mae W. Banks, husband and wife
Recorded: October 15, 1976
Recording No.: 2695236

15. Statutory Warranty Fulfillment Deed:

Grantor: Willie Eddie Banks and Mae W. Banks, husband and wife
Grantee: Investment Syndicates, Inc.
Recorded: October 15, 1976
Recording No.: 2695237

16. Statutory Warranty Deed:

Grantor: Chris Palzer and Cathy Palzer, husband and wife
Grantee: Darth R, Castan, an unmarried man
Recorded: October 31, 1983
Recording No.: 8310310298

17. Real Estate Contract:

Grantor: Chalres E. Jackson and Kathe H. Jackson, husband and wife
Grantee: H. A. Rendel and Anita Rendel, husband and wife; and Michael Rendel and Karen Rendel, husband and wife
Recorded: March 11, 1988
Recording No.: 8803110353

18. Purchaser's Assignment of Contract and Deed:

Grantor: H. A. Rendel and Anita Rendel, husband and wife; and Michael Rendel and Karen Rendel, husband and wife
Grantee: H. A. Rendel and Anita Rendel, husband and wife; and Michael Rendel and Karen Rendel, husband and wife, as joint tenants with right of survivorship
Recorded: December 8, 1988
Recording No.: 8812080384

19. Statutory Warranty Fulfillment Deed:

Grantor: Kathe H. Jackson, whose spouse is Charles E. Jackson, as her separate property
Grantee: H. A. Rendel and Anita Rendel, husband and wife; and Michael Rendel and Karen Rendel, husband and wife
Recorded: June 23, 1992
Recording No.: 9206230685

20. Real Estate Contract:

Grantor: Darth RF. Cstan, a single man
Grantee: Herbert A. Rendel and A. M Rendel, husband and wife;
Recorded: March 19, 1990
Recording No.: 9003190281

21. Quit Claim Deed:

Grantor: Michael Rendel and Karen Rendel, husband and wife
Grantee: Herbert A. Rendel and Anita Rendel, husband and wife;
Recorded: August 16, 1991
Recording No.: 9108160351

22. Seller's Assignment of Contract and Deed:

Grantor: Charles E. Jackson
Grantee: Kathe H. Jackson
Recorded: November 4, 1991
Recording No.: 9111040254

23. Statutory Warranty Deed:

Grantor: Linda Plien and Leonard G. Boscarine, her husband
Grantee: Herbert A. Rendel
Recorded: June 23, 1992
Recording No.: 9206230684, which is a re-record of 8903230138

24. Statutory Warranty Fulfillment Deed:

Grantor: Kathe H. Jackson, whose spouse is Charles E. Jackson, as her separate property
Grantee: H. A. Rendel and Anita Rendel, husband and wife; and Michael Rendel and Karen Rendel, husband and wife
Recorded: June 23, 1992
Recording No.: 9206230685

25. Statutory Warranty Fulfillment Deed:

Grantor: Darth R. Castan, a single man
Grantee: Herbert A. Rendel and A.M. Rendel, husband and wife
Recorded: June 23, 1992
Recording No.: 9206230686

26. Quit Claim Deed:

Grantor: Herbert A. Rendel and Anita Rendel, husband and wife
Grantee: The Herbert and Anita Rendel Family Limited Partnership
Recorded: September 19, 1996
Recording No.: 9609190070

(continued)

27. Lease disclosed by the document:

Entitled: Assignment of Lease
Lessor: Herbert A. and Anta M. Rendel
Lessee: Freeway Trailer Sales, Inc.
Recording Date: November 14, 1997
Recording No.: 9711140130

Assignment of Lease:

Assignor: Herbert A. and Anta M. Rendel
Assignee: The Herberta nd Anita Rendel Family Limited Partnership
Recording Date: November 14, 1997
Recording No.: 199711140130

Partial Release of Lease:

Recoring Date: February 11, 2021
Recording No.: 202102110086

28. Lease disclosed by the document:

Entitled: Assignment of Lease
Lessor: Herbert A. and Anta M. Rendel
Lessee: Great American RV, Inc.
Recording Date: November 14, 1997
Recording No.: 9711140130

Assignment of Lease:

Assignor: Herbert A. and Anta M. Rendel
Assignee: The Herberta nd Anita Rendel Family Limited Partnership
Recording Date: November 14, 1997
Recording No.: 199711140130

29. Quit Claim Deed:

Grantor: The Herbert and Anita Rendel Family Limited Partnership
Grantee: Herbert and Anita Rendel , LLC
Recorded: November 9, 2007
Recording No.: 200711090303

EXHIBIT "A"

Legal Description

PARCEL A:

Lots 2, 3 and 4 of Pierce County Short Plat No. 9011070432, recorded November 7, 1990, in Pierce County, Washington.

PARCEL B:

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., in Pierce County, Washington described as follows:

Beginning at the intersection point of the Easterly margin of Pacific Highway South with the North margin line of 12th Street East (A.K.A Barth Road), said point having a back tangent bearing of North 19°35'01" East;
thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8°41'40", an arc distance of 301.19 feet;
thence South 61°52'10" East a distance of 168 feet, more or less to the Westerly margin line of Primary State Highway No. 1 (Interstate 5);
thence Northeasterly along said Westerly margin line to the intersect point of said North margin line of 12th Street East;
thence South 88°15'39" West along said North margin line a distance of 130 feet more or less to the point of beginning;

(Also known as Revised Parcel A of City of Milton Lot Line Adjustment recorded November 27, 1991 under Recording No. 9111270607, records of Pierce County, Washington.)

Except that portion conveyed to the State of Washington, acting by and through its Department of Transportation, by instrument recorded February 21, 2021 under Recording No. 202102110085, records of Pierce County, Washington.

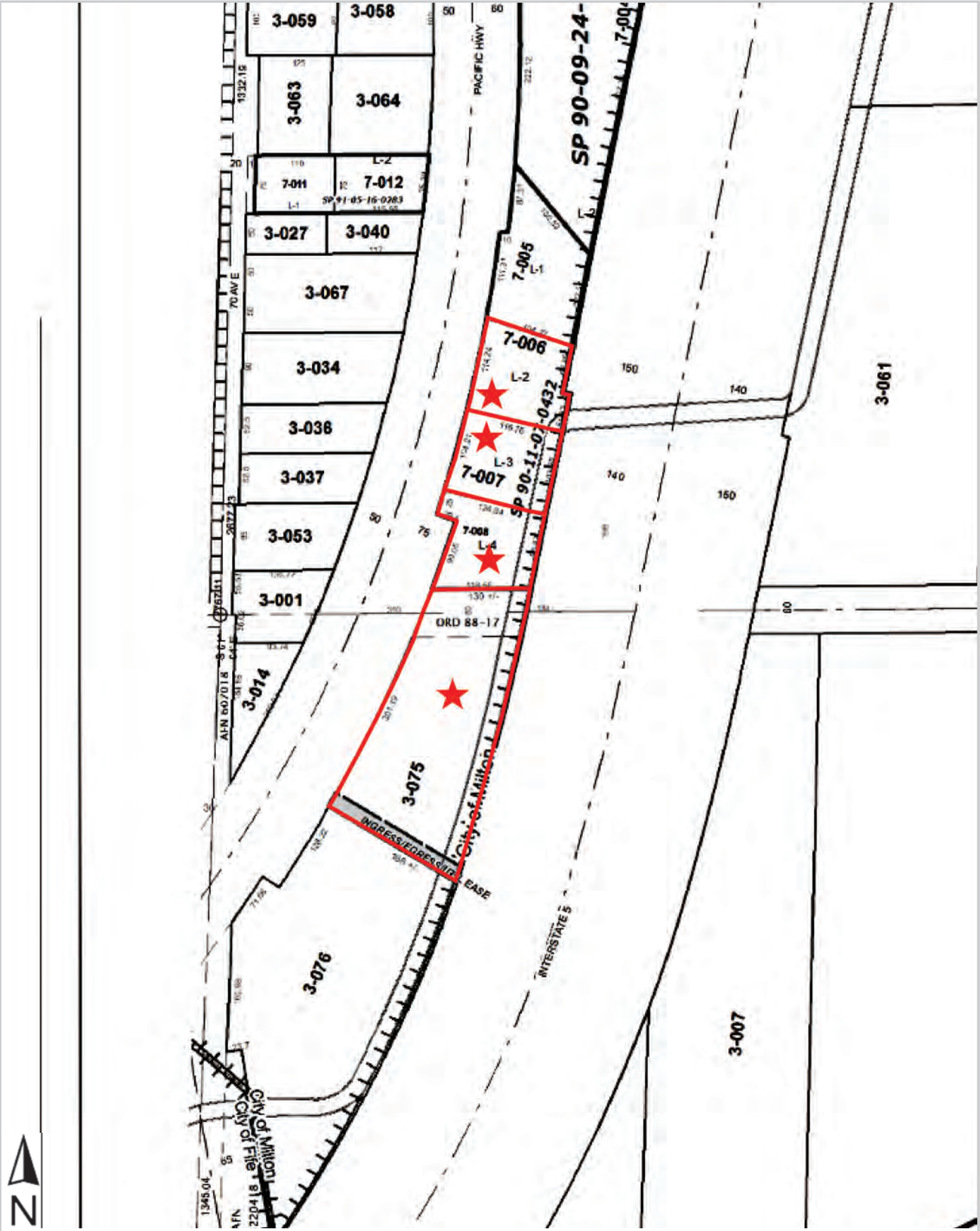

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

W 424

2957204 SAFECO TITLE INSURANCE COMPANY

STATE OF Washington Conveyance Tax
DEPT OF REVENUE NOV 14 '79 F.B. 11234 15.50

THIS SPACE RESERVED FOR RECORDER'S USE
RECORDED
'79 NOV 13 PM 3:22
RONALD A. ... AUDITOR
... COUNTY WASH
DEPUTY

2957204

NAME Partners Financial, incorporated
ADDRESS 808 106th Ave. N.E.
CITY AND STATE Bellevue, Washington 98004

WARRANTY
FULFILLMENT
DEED

THE GRANTOR LEMUEL T. DUNHAM, a single man

for and in consideration of FULFILLMENT OF A REAL ESTATE CONTRACT

in hand paid, conveys and warrants to PARTNERS FINANCIAL, INCORPORATED, a Washington Corporation, formerly under the name of INVESTMENT SYNDICATES, INC.

the following described real estate, situated in the County of PIERCE, State of Washington: SEE ATTACHED:

PARCEL A - All that portion of the following described property lying East of the East line of State Rd. No. 1, Pacific Highway, described as follows: Beginning at the SW corner of the N½ of the SW¼ of S.5, T.20 N., R.4 E., W.M.; thence East 310.0' thence North parallel with the West line of said S.5, 140.5'; thence West 310.0' to a point on the West boundary of said S.5; thence South along the West boundary 140.5' to the T.P.O.B. EXCEPT the South 30' thereof for 12th St. E., also known as Barth County Road.

PARCEL B - Commencing at the SW corner of the NW¼ of the SW¼ of S.5, T.20 N., R.4 E., W.M. thence East along the South line of said subdivision, 310.0' to the T.P.O.B.; thence continue East 184.0'; thence North 198.0'; thence West 137.0' to the center line of Hylebos Creek (as located prior to its channel relocation caused by Primary State Highway No. 1, Tacoma to King County Line); thence SW along said former center line of Hylebos Creek to a point North of the point of beginning; thence South 90', more or less, to the point of beginning. EXCEPT that portion thereof conveyed to the State of WA. for Primary State Highway No. 1, (Tacoma to King County Line) and EXCEPT the South 30' thereof for 12th St. East, also known as Barth County Road.

2957204

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated December 22, 1967 1967, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract. Excise Tax paid January 10, 1968 under Receipt No. 235974

Dated Oct 13, 19 79

X Lemuel T. Dunham

Lemuel T. (Individual) Dunham

(Individual)

EXCISE TAX PAID $ None

REC. NO. 509381 DATE 11-13-79

MAURICE RAYMOND Pierce Co. Treas

By By Beverly Law DEPUTY

By (President)

By (Secretary)

STATE OF WASHINGTON
COUNTY OF King } ss.

On this day personally appeared before me Lemuel T. Dunham

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 13th day of October, 19 79

Notary Public in and for the State of Washington, residing at Bellevue.

BEVERLY M. GRANNOWELL NOTARY PUBLIC STATE OF WASH. COMM. EXP. MAR. 25

TL-142 R3 10/75

STATE OF WASHINGTON
COUNTY OF } ss.

On this _____ day of _____, 19 __, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared _____

and _____, to me known to be the _____ President and _____ Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that _____ authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at _____.

8208180033

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First American Title
INSURANCE COMPANY

Filed for Record at Request of

273337
AUG 18 1982

THIS SPACE RESERVED FOR RECORDER'S USE:
RECORDED
AUG 18 1982
82 AUG 18 A8:30
PIERCE COUNTY WASH
DEPUTY

Name United States Gypsum Company

Address 101 South Wacker Drive

City and State Chicago, Illinois 60606

#2885
#273337

Statutory Warranty Deed

(CORPORATE FORM)

THE GRANTOR : PARTNERS FINANCIAL, INCORPORATED, a Washington corporation

for and in consideration of TEN DOLLARS and other valuable considerations

in hand paid, conveys and warrants to UNITED STATES GYPSUM COMPANY a Delaware corporation

the following described real estate, situated in the County of PIERCE, State of Washington:

SEE HERETO ATTACHED EXHIBIT "A" FOR LEGAL DESCRIPTION, EXCEPTIONS AND CONDITIONS TO THIS STATUTORY WARRANTY DEED

STATE OF Washington Conveyance Tax 192.40 AUG 18 1982 DEPT. OF REVENUE PR 10835

STATE OF Washington Conveyance Tax 00.10 AUG 18 1982 DEPT. OF REVENUE PR 10835

IN WITNESS WHEREOF, said corporation has caused this instrument to be executed by its proper officers this 28th day of JULY, 19 82

PARTNERS FINANCIAL, INCORPORATED

By X Robert P. Gerend President.

By Patricia M. Williams Vice-Pres. and Secretary.

STATE OF WASHINGTON, County of KING } ss.

On this 2nd day of AUGUST, 19 82, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Robert P. Gerend and Patricia M. Williams to me known to be the President and Secretary, respectively, of PARTNERS FINANCIAL, INCORPORATED, a Washington corporation the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that authorized to execute the said instrument and that the seal affixed (if any) is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

EXCISE TAX PAID $ 1926.00 Carol A. Ludlow Notary Public in and for the State of Washington, residing at Issaquah

Re. No. 572232 Date 8-17-82 Pierce County

By Dorothy Jackson Auth. Sig

PARTNERS FINANCIAL CORPORATE SEAL WASHINGTON WA-25

NOTARY PUBLIC STATE OF WASHINGTON

EXHIBIT "A"

This Exhibit "A" is to be attached to and made a part of that certain Statutory Warranty Deed dated July 28, 1982 wherein PARTNERS FINANCIAL, INCORPORATED, a Washington corporation appears as the Grantor and UNITED STATES GYPSUM COMPANY appears as the Grantee.

LEGAL DESCRIPTION:

That portion of the Northwest quarter of the Southwest quarter of Section 5 Township 20 North, Range 4 East of the Willamette Meridian lying West of the Westerly line of Primary State Highway #1 (Tacoma to King County line) and Easterly of the East line of State Road #1 (Pacific Highway), in Pierce County, Washington.

EXCEPT the South 30 feet thereof for Barth County Road.

ALSO EXCEPT that portion thereof within the strips of land conveyed to the State of Washington by deeds recorded under Auditor's No. 963185, 963186 and 957146 for State Road No. 1.

ALSO EXCEPT that portion thereof lying North of the following described line: Beginning on the Easterly line of the right of way of State Road No. 1 known as the Pacific Highway, at a point 349.8 feet Southerly from its intersection with the North line of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence Easterly 1658 feet, more or less, to the East line of the West half of the Northeast quarter of the Southwest quarter of said Section 5, at a point 330 feet South of the Northeast corner of said subdivision.

EXCEPTIONS AND CONDITIONS:

1. SUBJECT TO Condemnation of access to State Highway No. 1 and of light, view and air
Decree to State of Washington
Entered: March 18, 1960
Pierce County Superior Court Cause No. 141980.

2. SUBJECT TO Relinquishment of access to State Highway No. 1 and of light view and air by Deed of State of Washington
Recorded: December 4, 1959
Auditor's No.: 1874357
(as to a portion of said real property)

3. SUBJECT TO Permit to Construct Channel Change and the terms and conditions thereof:
Grantee: State of Washington
Recorded: December 4, 1959
Auditor's No.: 1874358
Purpose: relocation of channel
Area Affected: located of Hylebos Creek

4. SUBJECT TO Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington.
Recorded: December 4, 1959
Auditor's No. 1874360

5. SUBJECT TO Right, privilege and permit to waste, place and deposit earth materials of all types and quantities upon the existing channel of Hylebos Creek, as it flows over and across the herein described lands, granted to the State of Wshington by instrument recorded under Auditor's No. 1895985, together with the right of ingress and egress for a haul road of sufficient width to conveniently transport said earth materials.

****

PN
RPG

374634 mc

8606110301

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REVENUE STAMPS

TICOR TITLE INSURANCE

THIS SPACE RESERVED FOR RECORDER'S USE

RECORDED

86 JUN 11 P12 15

RICHARD A. GRIGG Auditor
PIERCE COUNTY WASH
DEPUTY

REVENUE CTI JUN 12 1986 P.B. 16234

Filed for Record at Request of

AFTER RECORDING MAIL TO:
COMMONWEALTH TITLE INSURANCE CO.
ESCROW DEPT.

FORM L-50 (3-84)

500.00

C.T.I.
JUN 11 1986

Statutory Warranty Deed

THE GRANTOR UNITED STATES GYPSUM COMPANY

for and in consideration of TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATIONS

in hand paid, conveys and warrants to HERBERT A. RENDEL and ANITA M. RENDEL, husband and wife

the following described real estate, situated in the County of Pierce, State of Washington:

That portion of the Northwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the W.M., in Pierce County, Washington, lying West of the Westerly line of primary State Highway No. 1 (Tacoma to King County line) and Easterly of the East line of State Road No. 1 (Pacific Highway).

EXCEPT the South 30 feet thereof for Barth County Road.

ALSO except that portion thereof within the strips of land conveyed to the State of Washington by deeds recorded under Auditor's No. 963185, 963186 and 957146 for State Road No. 1.

ALSO except that portion thereof lying North of the following described line:
Beginning on the Easterly line of the right of way of State Road No. 1, known as the Pacific Highway, at a point 349.8 feet Southerly from its intersection with the North line of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the W.M.; thence Easterly 1658 feet, more or less, to the East line of the West half of the Northeast quarter of the Southwest quarter of said Section 5, at a point 330 feet South of the Northeast corner of said subdivision.

SUBJECT TO EXHIBIT'S A & B ATTACHED HERETO AND MADE A PART HEREOF.

Dated this 2nd day of JUNE, 1986

UNITED STATES GYPSUM COMPANY

EXCISE TAX PAID $ 3300.00
No. No. 1562023 Date 6-11-86
By ..... Pierce County

By W. R. Hogan, Vice President and Treasurer

By ..... Auth. Sig.

By S. T. Hadley, Secretary

STATE OF WASHINGTON } ss
COUNTY OF .....
On this day personally appeared before me .....
to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that ..... signed the same as ..... free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this ..... day of ....., 19 .....

Notary Public in and for the State of Washington, residing at .....
My appointment expires on .....

STATE OF ~~WASHINGTON~~ ILLINOIS } ss
COUNTY OF COOK
On this 2nd day of June, 19 86, before me, the undersigned, a Notary Public in and for the State of ~~Washington~~ Illinois, duly commissioned and sworn, personally appeared W. R. Hogan and S. T. Hadley and secretary, to me known to be the Vice President and Treasurer respectively, of United States Gypsum Company the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to executed the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Joan H Moryk
Notary Public in and for the State of ~~Washington~~ Illinois residing at Chicago
My appointment expires on 4-10-89

LPB No. 10

Attached to and made part of that certain Statutory Warranty Deed dated June 2, 1986 between UNITED STATES GYPSUM COMPANY, as Grantor and HERBERT A. RENDEL and ANITA M. RENDEL, husband and wife, as Grantees.

SUBJECT TO:

Condemnation by the State of Washington of right of access to State Highway and of light, view and air, by decree entered March 18, 1960, case no. 141980.

Relinquishment of right of access to State Highway and of light, view and air, under terms of deed to the State of Washington recorded December 4, 1959 under Auditor's No. 1874357.

Permit to construct channel change and the terms and conditions thereof; Grantee: State of Washington, recorded: December 4, 1959, under Auditor's No. 1874358, purpose: relocation of channel. (affects a portion of said premises.)

Relinquishment of right of access to State Highway and of light, view and air, under terms of deed to the State of Washington recorded December 4, 1959 under Auditor's No. 1874360. (affects a portion of said premises.)

Right, privilege and permit to waste, place and deposit earth materials of all types and quantities upon the existing channel of Hylebos Creek, as it flows over and across the herein described lands, granted to the State of Washirgton by instrument recorded under Auditor's No. 1895985, together with the right of ingress and egress for a haul road of sufficient width to conveniently transport said earth materials. (affects a portion of said premises.)

Record of survey affecting subject property as recorded April 28, 1982 under Auditor's No. 8204280234.

Any claim that the premises lie within the lands reserved, or the usual and accustomed grounds and stations secured for the right of taking fish, as set forth in the treaty of December 26, 1854 of the United States of America with the Nisqually, Puyallup and other bands of indians, commonly called the treaty of Medicine Creek.

Said lands lie within the Puyallup Indian Reservation. The policy to be issued by Commonwealth Title Insurance Company with recordation of this document does not insure against any governmental authority or jurisdiction which may be claimed or asserted by the Puyallup tribe, including the power to tax, since said authority or jurisdiction is excluded from coverage by the provisions of paragraph 1 of the schedule of exclusions from coverage contained in said policy of title insurance.

Local Improvement assessments as levied by Pierce County under District No. 82-1 which the undersigned Grantees agree to assume and pay according to its own terms and conditions in connection with all the property described herein, which total unpaid principal amount of said assessments is presently $64,437.31.

THE FOREGOING TERMS, CONDITIONS AND ASSUMPTION OF ULID 82-1 TOGETHER WITH APPROVAL OF THE SUBJECT TO'S CONTAINED HEREIN ARE APPROVED BY THE UNDERSIGNED:

Herbert A. Rendel
HERBERT A. RENDEL

Anita M. Rendel
ANITA M. RENDEL

EXHIBIT "B"

Attached to and made part of that certain Statutory Warranty Deed dated June 2, 1986 between UNITED STATES GYPSUM COMPANY, as Grantor and HERBERT A. RENDEL and ANITA M. RENDEL, husband and wife, as Grantee.

SUBJECT TO THE FOLLOWING ADDITIONAL NOTICES, TERMS AND CONDITIONS:

Grantor has heretofore notified Grantee and Grantee acknowledges that they understand that the real estate (described herein) has been classified as "contaminated" by waste deposits from Grantor's plant. Said waste deposits have since been removed and clean fill soils have been placed on the real estate. However, Grantor is still responsible for containment and monitering the Southern parcels (which are to be defined by a metes and bounds survey provided to the Grantee by the Grantor, at his expense) of the real estate. Two (2) test wells have been installed on the southern parcels and must be available for future testing by government agencies and Grantor's representatives.

Grantees agree and understand that no restrictions shall be placed on Grantor or said agencies for future "testing" of said Southern parcels. Grantees shall not cause, allow, the construction of any improvements on the Southern parcels of the real estate until such time that the property shall be declared "Environmentally Safe" by the State of Washington in writing. Grantee shall allow and Grantor reserves to itself, its agents and any interested government agencies full and free right to enter upon the Southern parcels as may be required from time to time for the purpose of inspection of test wells, drilling additional test wells, excavation of the Southern parcels or otherwise testing and exploring the Southern parcels.

SUBJECT TO Washington Dangerous Waste Regulations, WAC 173-303-610 Closure and Post Closure, Section (10) which provides as follows:

(10) Notice in deed to property.

(a) The owner of the property on which a disposal facility is located must record, in accordance with state law, a notation on the deed to the facility property, or on some other instrument which is normally examined during title search, that will in perpetuity notify and potential purchaser of the property that:

(i) The land has been used to manage dangerous wastes;

(ii) Its use is restricted under subsection (7) (d) of this section; and

(iii) The survey plat and record of the type, location, and quantity of dangerous wastes disposed of within each cell or area of the facility required in subsection (9) of this section have been filed with the local zoning authority, or the authority with jurisdiction over local land use, and with the department.

(b) If at any time the owner or operator or any subsequent owner of the land upon which a dangerous waste facility was located removes the waste and waste residues, the liner, if any, and all contaminated underlying and surrounding soil, he may remove the notation on the deed to the facility property or other instrument normally examined during title search, or he may add a notation to the deed or instrument indicating the removal of the waste.

SUBJECT TO THE REPURCHASE OPTION DESCRIBED AS FOLLOWS:

Grantor reserves to itself an exclusive option to repurchase the herein described property by written notice to Grantee given at any time prior to five (5) years after the date hereof (on or before June 6, 1991) at the price and on the terms contained in that certain Real Estate Sale Contract between the parties dated March 27, 1986.

THE FOREGOING ADDITIONAL NOTICES, TERMS AND CONDITIONS AND REPURCHASE OPTION ACCEPTED BY THE UNDERSIGNED GRANTEES:

Herbert A. Rendel
HERBERT A. RENDEL

Anita M. Rendel
ANITA M. RENDEL

8808240285

VOL 0503 PAGE 0681

THIS SPACE PROVIDED FOR RECORDER'S USE

88 AUG 24 PM 2:09

AUDITOR PIERCE CO. WASH.

FILED FOR RECORD AT REQUEST OF

First American Title Insurance Company
P. O. Box 1916
Tacoma, Wa. 98402

WHEN RECORDED RETURN TO

Name Leonard G. Boscarine and Linda M. Plein
Address 15714 15th Pl.S. W.
City, State, Zip Seattle, Wa. 98166

F.A. 313924-1
AUG 24 1988

ANY OPTIONAL PROVISION NOT INITIALED BY ALL PERSONS SIGNING THIS CONTRACT - - WHETHER INDIVIDUALLY OR AS AN OFFICER OR AGENT - - IS NOT A PART OF THIS CONTRACT.

REAL ESTATE CONTRACT
(RESIDENTIAL SHORT FORM)

1. PARTIES AND DATE. This Contract is entered into on August 17, 1988

between HERBERT A. RENDEL and ANITA M. RENDEL, husband and wife

as "Seller" and

LEONARD G. BOSCARINE and LINDA M. PLEIN, husband and wife

as "Buyer."

2. SALE AND LEGAL DESCRIPTION. Seller agrees to sell to Buyer and Buyer agrees to purchase from Seller the following described real estate in Pierce County, State of Washington:

SEE LEGAL DESCRIPTION ATTACHED AND MADE A PART HERETO.

EXCISE TAX PAID $ 3098.80
Re. No. 710319 Date 8-24-88
Pierce County

By [signature] Auth. Sig

3. PERSONAL PROPERTY. Personal property, if any, included in the sale is as follows:
NONE

No part of the purchase price is attributed to personal property.

4. (a) PRICE. Buyer agrees to pay:
$ 132,000.00 Total Price
Less ($) Down Payment
Less ($) Assumed Obligation (s)
Results in $ 132,000.00 Amount Financed by Seller.

(b) ASSUMED OBLIGATIONS. Buyer agrees to pay the above Assumed Obligation(s) by assuming and agreeing to pay that certain (Mortgage, Deed of Trust Contract) dated recorded as AF# . Seller warrants the unpaid balance of said obligation is $ which is payable $ on or before the day of , 19 interest at the rate of % per annum on the declining balance thereof; and a like amount on or before the day of each and every (month, year) thereafter until paid in full.
Note: Fill in the date in the following two lines only if there is an early cash out date.
NOTWITHSTANDING THE ABOVE, THE ENTIRE BALANCE OF PRINCIPAL AND INTEREST IS DUE IN FULL NOT LATER THAN , 19 .
ANY ADDITIONAL ASSUMED OBLIGATIONS ARE INCLUDED IN ADDENDUM.

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(c) PAYMENT OF AMOUNT FINANCED BY SELLER.
Buyer agrees to pay the sum of $ 132,000.00 as follows: $ 2,150.00 or more at buyer's option on or before the 20th day of September, 19 88, (including principal) interest from August 20, 1988 at the rate of 11.00 % per annum on the declining balance thereof; and a like amount or more on or before the _____ day of each and every month (month/year) thereafter until ~~paid in full~~ **

Note: Fill in the date in the following two lines only if there is an early cash out date.
NOTWITHSTANDING THE ABOVE, THE ENTIRE BALANCE OF PRINCIPAL AND INTEREST IS DUE IN FULL NOT LATER THAN August 20 19 92.

Payments are applied first to interest and then to principal. Payments shall be made at P. O. Box 3461, Federal Way, Wa. 98063 or such other place as the Seller may hereafter indicate in writing.

5. FAILURE TO MAKE PAYMENTS ON ASSUMED OBLIGATIONS. If Buyer fails to make any payments on assumed obligation(s), Seller may give written notice to Buyer that unless Buyer makes the delinquent payment(s) within fifteen (15) days, Seller will make the payment(s), together with any late charge, additional interest, penalties, and costs assessed by the Holder of the assumed obligation(s). The 15-day period may be shortened to avoid the exercise of any remedy by the holder of the assumed obligation. Buyer shall immediately after such payment by Seller reimburse Seller for the amount of such payment plus a late charge equal to five percent (5%) of the amount so paid plus all costs and attorneys' fees incurred by Seller in connection with making such payment.

6. (a) OBLIGATIONS TO BE PAID BY SELLER. The Seller agrees to continue to pay from payments received hereunder the following obligation, which obligation must be paid in full when Buyer pays the purchase price in full:
That certain Deed of Trust (Mortgage Deed of Trust Contract) dated June 10, 1986, recorded as AF # 8606110302.

ANY ADDITIONAL OBLIGATIONS TO BE PAID BY SELLER ARE INCLUDED IN ADDENDUM.

(b) EQUITY OF SELLER PAID IN FULL. If the balance owed the Seller on the purchase price herein becomes equal to the balances owed on prior encumbrances being paid by Seller, Buyer will be deemed to have assumed said encumbrances as of that date. Buyer shall thereafter make payments direct to the holders of said encumbrances and make no further payments to Seller. Seller shall at that time deliver to Buyer a fulfillment deed in accordance with the provisions of Paragraph 8.

(c) FAILURE OF SELLER TO MAKE PAYMENTS ON PRIOR ENCUMBRANCES. If Seller fails to make any payments on any prior encumbrance, Buyer may give written notice to Seller that unless Seller makes the delinquent payments within 15 days, Buyer will make the payments together with any late charge, additional interest, penalties, and costs assessed by the holder of the prior encumbrance. The 15-day period may be shortened to avoid the exercise of any remedy by the holder of the prior encumbrance. Buyer may deduct the amounts so paid plus a late charge of 5% of the amount so paid and any attorneys' fees and costs incurred by Buyer in connection with the delinquency from payments next becoming due Seller on the purchase price. In the event Buyer makes such delinquent payments on three occasions, Buyer shall have the right to make all payments due thereafter direct to the holder of such prior encumbrance and deduct the then balance owing on such prior encumbrance from the then balance owing on the purchase price and reduce periodic payments on the balance due Seller by the payments called for in such prior encumbrance as such payments become due.

7. OTHER ENCUMBRANCES AGAINST THE PROPERTY. The property is subject to encumbrances including the following listed tenancies, easements, restrictions and reservations in addition to the obligations assumed by Buyer and the obligations being paid by Seller: last half 1988 taxes and drainage assessment and all future assessments and assignments, ULID 82-1 Assessment No. 0420053073, Covenants recorded June 11, 1986 under Auditor's No. 8606110301, Condemnation of access to State of Wash. entered March 18, 1960 PC. Cause No. 141980, Relinquishment recorded Dec. 4, 1959 under Auditor's No. 1874357, Permit to Construct Channel change to State of Wash. recorded Dec. 4, 1959 under Auditor's No. 1874358, Relinquishment to State of Wash. recorded Dec. 4, 1959 under Auditor's No. 1874360, Right, privilege and permit of waste under Auditor's No. 1895985, Rights of Puyallup Tribe of Indians, Deed dated June 2, 1986 and recorded June 11, 1986 under Auditor's No. 8606110301. All contained in report Nos. 9 thru 20.
**September 20, 1989 and then monthly payments will be increased to $2,350.00 per month, or more at purchasers option including interest at the rate of eleven per cent (11.00%) per annum, with the entire balance due on or before August 20, 1992.

ANY ADDITIONAL NON-MONETARY ENCUMBRANCES ARE INCLUDED IN ADDENDUM.

8. FULFILLMENT DEED. Upon payment of all amounts due Seller, Seller agrees to deliver to Buyer a Statutory Warranty Deed in fulfillment of this Contract. The covenants of warranty in said deed shall not apply to any encumbrances assumed by Buyer or to defects in title arising subsequent to the date of this Contract by, through or under persons other than the Seller herein. Any personal property included in the sale shall be included in the fulfillment deed.

9. LATE CHARGES. If any payment on the purchase price is not made within ten (10) days after the date it is due, Buyer agrees to pay a late charge equal to 5% of the amount of such payment. Such late payment charge shall be in addition to all other remedies available to Seller and the first amounts received from Buyer after such late charges are due shall be applied to the late charges.

10. NO ADVERSE EFFECT ON PRIOR ENCUMBRANCES. Seller warrants that entry into this Contract will not cause in any prior encumbrance (a) a breach, (b) accelerated payments, or (c) an increased interest rate; unless (a), (b) or (c) has been consented to by Buyer in writing.

11. POSSESSION. Buyer is entitled to possession of the property from and after the date of this Contract, or at closing, 19, whichever is later, subject to any tenancies described in Paragraph 7.

12. TAXES, ASSESSMENTS AND UTILITY LIENS. Buyer agrees to pay by the date due all taxes and assessments becoming a lien against the property after the date of this Contract. Buyer may in good faith contest any such taxes or assessments so long as no forfeiture or sale of the property is threatened as the result of such contest. Buyer agrees to pay when due any utility charges which may become liens superior to Seller's interest under this Contract. If real estate taxes and penalties are assessed against the property subsequent to date of this Contract because of a change in use prior to the date of this Contract for Open Space, Farm, Agricultural or Timber classifications approved by the County or because of a Senior Citizen's Declaration to Defer Property Taxes filed prior to the date of this Contract, Buyer may demand in writing payment of such taxes and penalties within 30 days. If payment is not made, Buyer may pay and deduct the amount thereof plus 5% penalty from the payments next becoming due Seller under the Contract.

13. INSURANCE. Buyer agrees to keep all buildings now or hereafter erected on the property described herein continuously insured under fire and extended coverage policies in an amount not less than the balances owed on obligations assumed by Buyer plus the balance due Seller, or full insurable value, whichever is lower. All policies shall be held by the Seller and be in such companies as the Seller may approve and have loss payable first to any holders of underlying encumbrances, then to Seller as their interests may appear and then to Buyer. Buyer may within 30 days after loss negotiate a contract to substanially restore the premises to their condition before the loss. If the insurance proceeds are sufficient to pay the contract price for restoration or if the Buyer deposits in escrow any deficiency with instructions to apply the funds on the resortation contract, the property shall be restored unless the underlying encumbrances provide otherwise. Otherwise the amount collected under any insurance policy shall be applied upon any amounts due hereunder in such order as the Seller shall determine. In the event of forfeiture, all rights of Buyer in insurance policies then in force shall pass to Seller.

14. NONPAYMENT OF TAXES, INSURANCE AND UTILITIES CONSTITUTING LIENS. If Buyer fails to pay taxes or assessments, insurance premiums or utility charges constituting liens prior to Seller's interest under this Contract, Seller may pay such items and Buyer shall forthwith pay Seller the amount thereof plus a late charge of 5% of the amount thereof plus any costs and attorney's fees incurred in connection with making such payment.

15. CONDITION OF PROPERTY. Buyer accepts the property in its present condition and acknowledges that Seller, his agents and subagents have made no representation or warranty concerning the physical condition of the property or the uses to which it may be put other than as set forth herein. Buyer agrees to maintain the property in such condition as complies with all applicable laws.

16 RISK OF LOSS. Buyer shall bear the risk of loss for destruction or condemnation of the property. Any such loss shall not relieve Buyer from any of Buyer's obligations pursuant to this Contract.

17. WASTE. Buyer shall keep the property in good repair and shall not commit or suffer waste or willful damage to or destruction of the property. Buyer shall not remove commercial timber without the written consent of Seller.

18. AGRICULTURAL USE. If this property is to be used principally for agricultural purposes, Buyer agrees to conduct farm and livestock operations in accordance with good husbandry practices. In the event a forfeiture action is instituted, Buyer consents to Seller's entry on the premises to take any reasonable action to conserve soil, crops, trees and livestock.

19. CONDEMNATION. Seller and buyer may each appear as owners of an interest in the property in any action concerning condemnation of any part of the property. Buyer may within 30 days after condemnation and removal of improvements, negotiate a contract to substantially restore the premises to their condition before the removal. If the condemnation proceeds are sufficient to pay the contract price for restoration or if the Buyer deposits in escrow any deficiency with instructions to apply the funds on the restoration contract, the property shall be restored unless underlying encumbrances provide otherwise. Otherwise, proceeds of the award shall be applied in payment of the balance due on the purchase price, as Seller may direct.

20. DEFAULT. If the Buyer fails to observe or perform any term, covenant or condition of this Contract, Seller may:

(a) **Suit for Installments.** Sue for any delinquent periodic payment; or

(b) **Specific Performance.** Sue for specific performance of any of Buyer's obligations pursuant to this Contract; or

(c) **Forfeit Buyer's Interest.** Forfeit this Contract pursuant to Ch. 61.30, RCW, as it is presently enacted and may hereafter be amended. The effect of such forfeiture includes: (i) all right, title and interest in the property of the Buyer and all persons claiming through the Buyer shall be terminated; (ii) the Buyer's rights under the Contract shall be cancelled; (iii) all sums previously paid under the Contract shall belong to and be retained by the Seller or other person to whom paid and entitled thereto; (iv) all improvements made to and unharvested crops on the property shall belong to the Seller; and (v) Buyer shall be required to surrender possession of the property, improvements, and unharvested crops to the Seller 10 days after the forfeiture.

(d) **Acceleration of Balance Due.** Give Buyer written notice demanding payment of said delinquencies and payment of a late charge of 5% of the amount of such delinquent payments and payment of Seller's reasonable attorney's fees and costs incurred for services in preparing and sending such Notice and stating that if payment pursuant to said Notice is not received within thirty (30) days after the date said Notice is either deposited in the mail addressed to the Buyer or personally delivered to the Buyer, the entire balance owing, including interest, will become immediately due and payable. Seller may thereupon institute suit for payment of such balance, interest, late charge and reasonable attorneys' fees and costs.

21. RECEIVER. If Seller has instituted any proceedings specified in Paragraph 20 and Buyer is receiving rental or other income from the property, Buyer agrees that the appointment of a receiver for the property is necessary to protect Seller's interest.

22. BUYER'S REMEDY FOR SELLER'S DEFAULT. If Seller fails to observe or perform any term, covenant or condition of this Contract, Buyer may, after 30 days' written notice to Seller, institute suit for damages or specific performance unless the breaches designated in said notice are cured.

23. NON-WAIVER. Failure of either party to insist upon strict performance of the other party's obligations hereunder shall not be construed as a waiver of strict performance thereafter of all of the other party's obligations hereunder and shall not prejudice any remedies as provided herein.

24. ATTORNEYS' FEES AND COSTS. In the event of any breach of this Contract, the party responsible for the breach agrees to pay reasonable attorneys' fees and costs, including costs of service of notices and title searches, incurred by the other party. The prevailing party in any suit instituted arising out of this Contract and in any forfeiture proceedings arising out of this Contract shall be entitled to receive reasonable attorneys' fees and costs incurred in such suit or proceedings.

25. NOTICES. Notices shall be either personally served or shall be sent certified mail, return receipt requested and by regular first class mail to Buyer at 15714 15th Pl. S. W. Seattle, Wa. 98166, and to Seller at P. O. Box 3461, Federal Way, Wa. 98063

or such other addresses as either party may specify in writing to the other party. Notices shall be deemed given when served or mailed. Notice to Seller shall also be sent to any institution receiving payments on the Contract.

26. TIME FOR PERFORMANCE. Time is of the essence in performance of any obligations pursuant to this Contract.

27. SUCCESSORS AND ASSIGNS. Subject to any restrictions against assignment, the provisions of this Contract shall be binding on the heirs, successors and assigns of the Seller and the Buyer.

28. OPTIONAL PROVISION - - SUBSTITUTION AND SECURITY ON PERSONAL PROPERTY. Buyer may substitute for any personal property specified in Paragraph 3 herein other personal property of like nature which Buyer owns free and clear of any encumbrances. Buyer hereby grants Seller a security interest in all personal property specified in Paragraph 3 and future substitutions for such property and agrees to execute a financing statement under the Uniform Commercial Code reflecting such security interest.

SELLER	INITIALS:	BUYER
N/A		N/A

29. OPTIONAL PROVISION - - ALTERATIONS. Buyer shall not make any substantial alteration to the improvements on the property without the prior written consent of Seller, which consent will not be unreasonably withheld.

SELLER	INITIALS:	BUYER
N/A		N/A

30. OPTIONAL PROVISION - - DUE ON SALE. If Buyer, without written consent of Seller, (a) conveys, (b) sells, (c) leases, (d) assigns, (e) contracts to convey, sell, lease or assign, (f) grants an option to buy the property, (g) permits a forfeiture or foreclosure or trustee or sheriff's sale of any of the Buyer's interest in the property or this Contract, Seller may at any time thereafter either raise the interest rate on the balance of the purchase price or declare the entire balance of the purchase price due and payable. If one or more of the entities comprising the Buyer is a corporation, any transfer or successive transfers in the nature of items (a) through (g) above of 49% or more of the outstanding capital stock shall enable Seller to take the above action. A lease of less than 3 years (including options for renewals), a transfer to a spouse or child of Buyer, a transfer incident to a marriage dissolution or condemnation, and a transfer by inheritance will not enable Seller to take any action pursuant to this Paragraph; provided the transferee other than a condemnor agrees in writing that the provisions of this paragraph apply to any subsequent transaction involving the property entered into by the transferee.

SELLER	INITIALS:	BUYER
N/A		N/A

31. OPTIONAL PROVISION - - PRE-PAYMENT PENALTIES ON PRIOR ENCUMBRANCES. If Buyer elects to make payments in excess of the minimum required payments on the purchase price herein, and Seller, because of such prepayments, incurs prepayment penalties on prior encumbrances, Buyer agrees to forthwith pay Seller the amount of such penalties in addition to payments on the purchase price.

SELLER	INITIALS:	BUYER
N/A		N/A

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32. OPTIONAL PROVISION -- PERIODIC PAYMENTS ON TAXES AND INSURANCE. In addition to the periodic payments on the purchase price, Buyer agrees to pay Seller such portion of the real estate taxes and assessments and fire insurance premium as will approximately total the amount due during the current year based on Seller's reasonable estimate.

The payments during the current year shall be $ _____ per _____. Such "reserve" payments from Buyer shall not accrue interest. Seller shall pay when due all real estate taxes and insurance premiums, if any, and debit the amounts so paid to the reserve account. Buyer and Seller shall adjust the reserve account in April of each year to reflect excess or deficit balances and changed costs. Buyer agrees to bring the reserve account balance to a minimum of $10 at the time of adjustment.

SELLER	INITIALS:	BUYER
N/A		N/A

33. ADDENDA. Any addenda attached hereto are a part of this Contract.

34. ENTIRE AGREEMENT. This Contract constitutes the entire agreement of the parties and supercedes all prior agreements and understandings, written or oral. This Contract may be amended only in writing executed by Seller and Buyer.

IN WITNESS WHEREOF the parties have signed and sealed this Contract the day and year first above written.

SELLER	BUYER
X Herbert A. Rendel Herbert A. Rendel	X Leonard C. Boscarine Leonard C. Boscarine
X Anita M. Rendel Anita M. Rendel	X Linda M. Plein Linda M. Plein

STATE OF WASHINGTON }
ss.
COUNTY OF Pierce }

On this day personally appeared before me HERBERT A. RENDEL, ANITA M. RENDEL, LEONARD C. BOSCARINE and LINDA M. PLEIN to me know to be the individual described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 24th day of August, 19 88

Notary Public in and for the State of Washington, residing at Belfair

My Commission expires 2/20/89

STATE OF WASHINGTON }
ss.
COUNTY OF _____ }

On this _____ day of _____, 19 _____ before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared _____

and _____

to me known to be the _____ President and _____ Secretary, respectively, of _____ the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that _____ authorized to execute the said instrument.

Witness my hand and official seal hereto affixed the day and year first above written.

_____

Notary Public in and for the State of Washington, residing at _____

My Commission expires on _____

8808240285

Order No. 313924

D-E-S-C-R-I-P-T-I-O-N

Commencing at the Southwest corner of the Northwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence North 568.31 feet and the East 371.20 feet to a point on the East line of Old Highway 99 right of way which is the point of beginning; thence South 44° East, 130.53 feet; thence South 10°08'15" West, 185.25 feet; thence South 79°51'45" East, 10.00 feet; thence South 10°08'15" West, 253.47 feet; thence South 88°26'07" West, 118.65 feet; thence on a curve to the left, through a central angle of 2°37'43", a radius of 1985.00 feet and a curve length of 91.07 feet; thence North 73°02'11" West, 25.00 feet; thence on a curve to the left, through a central angle of 10°29'57", a radius of 1960.00 feet and a curve length of 359.16 feet; thence South 83°32'08" East, 10.00 feet; thence on a curve to the left, through a central angle of 2°32'21", a radius of 1970.00 feet and a curve length of 87.31 feet to the point of beginning, in Pierce County, Washington.

9011190380

VOL 650 PAGE 3533

AFTER RECORDING PLEASE RETURN TO:
Linda M. Plein
15714 15th Place S. W.
Seattle, WA. 98166

AGREEMENT TO AMEND REAL ESTATE CONTRACT

5 F.A.T. 52608 NOV 19 1990

This agreement made and entered in to this 16th day of November, 1990, between Linda Plein, hereinafter called the Purchaser, and Herbert A. & Anita Rendel, hereinafter called the Seller.

Whereas the parties executed a real estate contract dated August 20, 1987, Pierce County Auditor's No. 8808240285 recorded September 09, 1987 of the following described real estate for the purchase price of $ 132,000.00 situated in Pierce County, State of Washington. To wit:

Parcel # R-0420053072

Parcel "B" of DBLR 87-05-15-0325, Described as follows com S/W corner of NW of SW the N568.31 feet and 371.28 ft. to a point on East line O/D Hwy 99 R/W which S 10 Deg 8 min 15 sec. W 185.26 ft th S 10 Deg 8 min 15 sec. A complete legal is attached hereto as Exhibit "A".

Whereas said contract calls for payment in full of the entire remaining principal balance on or before August 20, 1993, and purchaser is desirous of amending the terms of indebtment, and rewriting Real Estate Contract for Parcel "A", to reflect a new balance and payment schedule, to facilitate purchaser receiving deed release of Parcel "B", hereto referred to as Parcel R-0420053073.

Therefore, in consideration of the foregoing, the parties agree to amend the Real Estate Contract entered into between them.

To Wit:

1. The remaining principal balance of $ 100,150.00 (dated Nov. 20, 1990) shall be amended to read $ 187,454.89 as of November 20 1990 calling for an increase in payments to $ 4,000.00, or more at Purchaser's option, including interest at a rate of eleven percent per annum, payments shall be made on the 20th day of each succeeding month, contract shall be paid off five years notwithstanding the above, the entire balance of principal is due in full not later than November 20, 1995.

2. This is the entirety of this contract, and modification, deletion or change by either party hereto, must be acknowledged by all parties to this contract. Any breach of this agreement to amend, the party responsible for the breach agrees to pay reasonable attorneys or agent fees and cost. Including cost of service of notices and title searches, incurred by the other party, including the cost associated with any non-judicial forfeiture proceeding as set forth in RCW 60.30 et seq. the injured party to any forfeiture shall be entitled to receive reasonable attorneys fees and cost incurred in such suit or proceedings.

3. All other conditions of Real Estate MP45 shall remain in effect., EXCEPT DEED RELEASE PROVISIONS ARE ATTACHED AND MADE A PART HERETO AS EXHIBIT B.

In Witness whereof: the parties hereto have executed this Instrument as of the date first written above.

Purchasers

Linda M. Plein

Seller

Herbert A. Rendel

Anita Rendel

Dated November 16 1990, 19____

SUBSCRIBED AND SWORN TO before me this 16th day of November 1990.

NOTARY PUBLIC in and for the State of Washington, residing in Tacoma.
My commission expires: 2/20/93

Auditor's Note:
Notary seal omitted.

9011190380

EXHIBIT "A"

Commencing at the Southeast corner of the Northwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence North 568.31 feet and the East 371.20 feet to a point on the East line of Old Highway 99 right of way which is the point of beginning; thence South 44° East, 130.53 feet; thence South 10°08'15" West, 185.25 feet; thence South 79°51'45" East, 10.00 feet; thence South 10°08'15" West, 253.47 feet; thence South 88°26'07" West, 118.65 feet; thence on a curve to the left, through a central angle of 2°37'43", a radius of 1985.00 feet and a curve length of 91.07 feet; thence North 73°02'11" West, 25.00 feet; thence on a curve to the left, through a central angle of 10°29'57", a radius of 1960.00 feet and a curve length of 359.16 feet; thence South 83°32'08" East, 10.00 feet; thence on a curve to the left, through a central angle of 2°32'21", a radius of 1970.00 feet and a curve length of 87.31 feet to the point of beginning, in Pierce County, Washington.

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

EXHIBIT "B"

At such time as purchasers payments are current and additional sums are paid as follows over and above said monthly payment the seller will release the following lots. Said amounts as paid will reduce the principal balance of the loan.

Lot 1	$46,875.00
Lot 2	$40,500.00
Lot 3	$40,500.00
Lot 4	$30,500.00.

Dated this 16th day of November, 1990.

Linda M. Plein

Herbert A. Rendel

Anita Rendel

STATE OF WASHINGTON, } ss.
County of PIERCE

On this day personally appeared before me LINDA M. PLEIN, HERBERT A. RENDEL and ANITA RENDEL

to me known to be the individual s described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 21st day of November, 19 90

Notary Public in and for the State of Washington, residing at Belfair

My appointment expires 7/30/93

ACKNOWLEDGMENT - INDIVIDUAL
FIRST AMERICAN TITLE COMPANY
WA 46

9011190380

8903230138
9206230684

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RE-RECORD

First American Title
INSURANCE COMPANY

THIS SPACE RESERVED FOR RECORDER'S USE:

89 MAR 23 AM 10: 17

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

92 JUN 23 AM 11: 52

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

BK 0786 PG 1994

Filed for Record at Request of

Name Herbert A Rendel

Address 7100 Pacific Hy East

City and State Tacoma Wa. 98424

RTC 9140505

***THIS DEED IS BEING RE-RECORDED TO ADD THE NAME AND SIGNATURE OF GRANTOR'S HUSBAND.

Statutory Warranty Deed

THE GRANTOR LINDA PLIEN and LEONARD G. BOSCARINE her husband

for and in consideration of $1.00 (One dollar in lawful currency)

in hand paid, conveys and warrants to Herbert A. Rendel

the following described real estate, situated in the County of Pierce, State of Washington:

That portion of 12Th. Street East (Barth county Road) lying East of East line of Pacific Highway and Weat of the West line of interstate Route No.5.

all being in the Southwest Quarterof Section 5, Twn. 20 North, range4 4 East of the W.M. in the Milton Area.

EXCISE TAX PAID $ 0
Re. No. 223691 Date 3-23-89
Pierce County
By R Garavano Auth. Sig

Situate in Pierce Conty, State of Washington

EXCISE TAX PAID $ 0
Re. No. 812540 Date 6-23-92
Pierce County
By E Drury Auth. Sig

Linda M. Plein

Dated this day of February 27, 19 89

Linda M. Plein (SEAL)
Leonard G. Boscarine (SEAL)

STATE OF WASHINGTON,
County of Pierce } ss.

On this day personally appeared before me Linda M. Plein

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 27th day of February, 1989

Notary Public in and for the State of Washington, residing at Tacoma

8 -

WA-26

ENC. AFF. FEE $2.00

9206230684
8903230138

BK0786PG1995

STATE OF WASHINGTON

County of Pierce

On this day personally appeared before me LEONARD G. BOSCARINE

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that HE signed the same as HIS free and voluntary act and deed, for the used and purposes therein mentioned.

GIVEN under my hand and official seal this 12th day of June 1992.

Donna L. Haley

Notary Public in and for the State of Washington, residing in Tacoma. My Commission Expires 1/28/95.

DONNA L. HALEY
NOTARY PUBLIC
STATE OF WASHINGTON
1-28-95

9206230684

PIERCE COUNTY, WA
9806230075
6-23-1998 08:42 am
Fee Amt: $13.00

WHEN RECORDED RETURN TO

Name T. Gary Connett, Attorney at Law

Address 1019 Regents Blvd. Suite 204

City, State, Zip Fircrest, WA 98466

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED

Document Title:	Correction Statutory Warranty Deed
Grantor:	HERBERT A. RENDEL and ANITA M. RENDEL
Grantee:	LEONARD G. BOSCARINE and LINDA M. PLEIN
Legal Description (abbreviated):	L1-4 of SP 90-11-07-0432 tog w/ease & restrict of rec out of 3-073 SEG C0080SG 7/19/91BO

Additional legal description is on pages one (1) and four (4) of document. RTSQ: 04E-20N-05-SW-NW

Assessor's Property Tax Parcel Account Numbers: Lot 1= 042005-700-5; Lot 2= 042005-700-6; Lot 3= 042005-700-7; Lot 4= 042005-700-8

Ref. Nos. of Docs Released or Assigned: None Referenced: 9512180212 and accompanying Excise # 710319

Correction Statutory Warranty Deed

This deed is being executed and recorded to correct the wrong legal description attached to Statutory Warranty Deed dated December 15, 1995 with Auditor's Recording Number 9512180212, a copy of which is attached, by GRANTOR and GRANTEE as below.

THE GRANTOR HERBERT A. RENDEL, and ANITA M. RENDEL, husband and wife

for and in consideration of $132,000.00 (One hundred thirty two thousand and no/100)

in hand paid, conveys and warrants to LINDA M. PLEIN, also known as L.M. PLEIN, and LEONARD G. BOSCARINE, husband and wife,

the following described real estate, situated in the County of PIERCE, **State of Washington,**

See attached Exhibit A for legal description of property which is hereby made a part of this Statutory Warranty Deed.

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated this 1st day of June, 1989, and conditioned for the conveyance of the above described property, and the covenants of warranty herein shall not apply to any title, interest or encumbrance arising by, though or under the purchaser in said contract, and shall not apply to any taxes, assessments or other chareges levied, assessed or becoming due subsequent to the date of said contract.

Real Estate Sales Tax was paid on this sale on August 24, 1988 Receipt No. 710319 dated December 18, 1995.

ETN: 969056 6-22-1998
Excise Tax Collected: $0.00
Affidavit Processing Fee: $2.00
Cathy Pearsall-Stipek CPO Pierce County Auditor
BY: LISA DRURY

13

9806230075

Dated June 12, 1998

GRANTOR:

Herbert A Rendel
HERBERT A. RENDEL

Anita M. Rendel
ANITA M. RENDEL

GRANTEE:

Leonard G. Boscarine
LEONARD G. BOSCARINE

Linda M. Plein
LINDA M. PLEIN

STATE OF WASHINGTON)
) ss.
COUNTY OF Pierce)

I certify that I know or have satisfactory evidence that HERBERT A. RENDEL and ANITA M. RENDEL are the persons who appeared before me, and said persons acknowledged that they signed this instrument and acknowledged it to be their free and voluntary act for the uses and purposes mentioned in the instrument.

Dated June 12, 1998.

Denny L. Langlow
NOTARY PUBLIC in and for the State of Washington,
residing at Tacoma WA
My appointment expires: 1/28/99

DENNY L. LANGLOW
COMMISSION EXPIRES
NOTARY PUBLIC
1-28-99
STATE OF WASHINGTON

9806230075

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

I certify that I know or have satisfactory evidence that LEONARD G. BOSCARINE and LINDA M. PLEIN are the persons who appeared before me, and said persons acknowledged that they signed this instrument and acknowledged it to be their free and voluntary act for the uses and purposes mentioned in the instrument.

Dated JUNE 12, 1998

T. GARY CONNETT
NOTARY PUBLIC in and for the State of Washington,
residing at TACOMA
My appointment expires: 4/19/02

T. GARY CONNETT
COMMISSION EXPIRES
NOTARY
PUBLIC
4-19-02
STATE OF WASHINGTON

9806230075

EXHIBIT "A"

Legal Description

Lots 1, 2, 3 and 4 of PIERCE COUNTY SHORT PLAT NO. 9011070432, recorded November 7, 1990, in Pierce County, Washington.

Subject to easements, covenants, restrictions and reservations of record.

Commonly known as Highway 99 and Freeway, in Milton, Washington.

Also known as tax parcel identification numbers:

Lot 1= 042005-700-5;
Lot 2= 042005-700-6;
Lot 3= 042005-700-7;and
Lot 4= 042005-700-8.

9512180212

BK 1182PG0895

First American Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE

95 DEC 18 PM12:02

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR PIERCE CO. WASH

Filed for Record at Request of

Name Linda M. Plein and Leonard G. Boscarine

Address 15714 - 15th Place

City and State Seattle, WA 98166

Statutory Warranty Deed

THE GRANTOR Herbert A. Rendel and Anita M. Rendel husband and wife

for and in consideration of $132,000.00 (One hundred thirty two thousand and no/100)

in hand paid, conveys and warrants to Linda M. Plein and Leonard G. Boscarine husband and wife

the following described real estate, situated in the County of Pierce, State of Washington.

See attached Exhibit A for legal description of property which is hereby made a part of this Statutory Warranty Deed

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated this 1st day of June, 1989, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract.

Real Estate Sales Tax was paid on this sale on
Dated August 24, 1988, Rec. No. 710319

Herbert A. Rendel

Anita M. Rendel

710319 Prior 12-18-95

By E. Drury Asst. Sec

STATE OF WASHINGTON
COUNTY OF Pierce } ss.

On this day personally appeared before me Herbert A. Rendel, Anita M. Rendel to me known to be the individual(s) described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 15th day of December, 1995.

Notary Public in and for the State of Washington, residing at Tacoma

STATE OF WASHINGTON } ss.

On this day of, 19, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared, to me known to be the President and Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at

9512180212

9806230075

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

EXHIBIT A

BK 1182PG0896

PARCEL "A":
Commencing at the Southwest corner of the Northwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence North 1001.62 feet and East 345.83 feet to a point on the East line of Old Highway 99 right of way which is the point of beginning; thence North 88°26'00" East, 211.50 feet; thence South 10°08'15" West, 541.43 feet; thence North 44°00'00" West, 130.53 feet; thence on a curve to the left, through a central angle of 06°27'36", a radius of 1970.00 feet and a curve length of 222.12 feet; thence South 87°27'54" West, 10.00 feet; thence on a curve to the left, through a central angle of 03°10'31", a radius of 1960.00 feet and a curve length 108.62 feet; thence North 05°42'37" West, 103.95 feet to the point of beginning, in Pierce County, Washington.

Linda M. Flein

Leonard G. Bosearine

9512180212

9806230075

9512180212

BK 1182 PG 0895

First American Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE:

95 DEC 18 PM 12: 02

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR PIERCE CO. WASH

Filed for Record at Request of

Name Linda M. Plein and Leonard G. Boscarine

Address 15714 - 15th Place

City and State Seattle, WA 98166

Statutory Warranty Deed

THE GRANTOR Herbert A. Rendel and Anita M. Rendel husband and wife

for and in consideration of $132,000.00 (One hundred thirty two thousand and no/100)

in hand paid, conveys and warrants to Linda M. Plein and Leonard G. Boscarine husband and wife

the following described real estate, situated in the County of Pierce, State of Washington:

See attached Exhibit A for legal description of property which is hereby made a part of this Statutory Warranty Deed

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated this 1st day of June, 1989, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract.

Real Estate Sales Tax was paid on this sale on
Dated August 24, 1988, Rec. No. 710319

Herbert A. Rendel

Anita M. Rendel

710319 Prior 12-18-95

By E. Drury Auth. Sig

STATE OF WASHINGTON
COUNTY OF Pierce

On this day personally appeared before me Herbert A. Rendel, Anita M. Rendel to me known to be the individual(s) described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 15th day of December, 1995

Jenny Langlow

Notary Public in and for the State of Washington, residing at Tacoma, WA

JENNY LANGLOW NOTARY PUBLIC STATE OF WASHINGTON

STATE OF WASHINGTON

day of, 19, before me the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared

to me known to be the President and Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at

9512180212

EXHIBIT A

BK 1182PG0896

PARCEL "A":
Commencing at the Southwest corner of the Northwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence North 1001.62 feet and East 345.83 feet to a point on the East line of Old Highway 99 right of way which is the point of beginning; thence North 88°26'00" East, 211.50 feet; thence South 10°08'15" West, 541.43 feet; thence North 44°00'00" West, 130.53 feet; thence on a curve to the left, through a central angle of 06°27'36", a radius of 1970.00 feet and a curve length of 222.12 feet; thence South 87°27'54" West, 10.00 feet; thence on a curve to the left, through a central angle of 03°10'31", a radius of 1960.00 feet and a curve length 108.62 feet; thence North 05°42'37" West, 103.95 feet to the point of beginning, in Pierce County, Washington.

Linda M. Plein

Leonard G. Boscarine

9512180212

PIERCE COUNTY, WA
9806290106
6-29-1998 09:32 am
Fee Amt: $9.00

WHEN RECORDED RETURN TO

Name T. Gary Connett,
Attorney at Law

Address 1019 Regents Blvd.
Suite 204

City, State, Zip Fircrest, WA 98466

Document Title:	Quit Claim Deed
Grantor:	LEONARD G. BOSCARINE and LINDA M. PLEIN
Grantee:	LEONARD G. BOSCARINE and LINDA M. PLEIN, Trustees
Legal Description (abbreviated):	L1-4 of SP 90-11-07-0432 tog w/ease & restrict of rec out of 3-073 SEG C0080SG 7/19/91BO

Additional legal description is on page one of document. RTSQ: 04E-20N-05-SW-NW

Assessor's Property Tax Parcel Account Numbers: Lot 1= 042005-700-5; Lot 2= 042005-700-6; Lot 3= 042005-700-7; Lot 4= 042005-700-8

Reference Nos. of Documents Released or Assigned: None

Quit Claim Deed

THE GRANTOR LEONARD G. BOSCARINE, and LINDA M. PLEIN, also known as L. M. PLEIN, husband and wife

for and in consideration of love and affection, and merely for the purpose of transferring the subject property to the Grantor's Living Trust.

conveys and quit claims to LEONARD G. BOSCARINE, and LINDA M. PLEIN, Trustees, or their successors in trust, under the LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST, dated February 12, 1998, and any amendments thereto.

the following described real estate, situated in the County of PIERCE, **State of Washington, together with all after acquired title of the grantor(s) therein:**

Lots 1, 2, 3 and 4 of PIERCE COUNTY SHORT PLAT NO. 9011070432, recorded November 7, 1990, in Pierce County, Washington.

Subject to easements, covenants, restrictions and reservations of record. Commonly known as Highway 99 and Freeway, in Milton, Washington.

Dated 6/12/98.

Leonard G. Boscarine
LEONARD G. BOSCARINE

Linda M. Plein
LINDA M. PLEIN

ETN: 969837 6-26-1998
Excise Tax Collected: $0.00
Affidavit Processing Fee: $2.00
Cathy Pearsall-Stipek CPO Pierce County Auditor
BY: LISA DRURY

9

9806290106

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

I certify that I know or have satisfactory evidence that LEONARD G. BOSCARINE and LINDA M. PLEIN are the persons who appeared before me, and said persons acknowledged that they signed this instrument and acknowledged it to be their free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 6/12/98.

T. GARY CONNETT
COMMISSION EXPIRES
NOTARY
PUBLIC
4-19-02
STATE OF WASHINGTON

T. GARY CONNETT
NOTARY PUBLIC in and for the State of Washington,

residing at TACOMA

My appointment expires: 4/19/02

9806290106

200304161019 3 PGS
04-16-2003 02:43pm $21.00
PIERCE COUNTY. WASHINGTON

AFTER RECORDING MAIL TO.

STEVEN J. BROWN, PLLC
1019 Regents Blvd., Suite 201
Fircrest, WA 98466

Document Title:	Statutory Warranty Deed
Grantor:	LEONARD G. BOSCARINE and LINDA M. PLEIN, Trustees, or their successors in trust, under the LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST, dated February 12, 1998, and any amendments thereto
Grantee:	BATROB, LLC, a Washington limited liability company
Legal Description:	L1-4 of SP 90-11-07-0432 tog w/ease & restrict of rec out of 3-073 SEG C0080SG 7/19/91BO; RTSQ: 04E-20N-05-SW-NW

Legal Description is on Page 2 of Document.

Parcel Number:	Lot 1=042005-700-5; Lot 2=042005-700-6; Lot 3=042005-700-7; Lot 4=042005-700-8

STATUTORY WARRANTY DEED

THE GRANTOR, LEONARD G. BOSCARINE and LINDA M. PLEIN, Trustees, or their successors in trust, under the LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST, dated February 12, 1998, and any amendments thereto, for no consideration and merely to transfer title to a limited liability company owned entirely by them, convey and warrant to BATROB, LLC, a Washington limited liability company, their interest in the following described real property, situated in the County of Pierce, State of Washington, including any interest therein which Grantors may hereafter acquire:

4000243 1 PG
04-16-2003 09:28am RCAROVA
EXCISE COLLECTED:$0.00
PAT MCCARTHY, AUDITOR
PIERCE COUNTY. WASHINGTON

AFF.FEE:$2.00

Parcel Nos.: Lot 1=042005-700-5; Lot 2=042005-700-6;
Lot 3=042005-700-7; Lot 4=042005-700-8

Lots 1, 2, 3 and 4 of PIERCE COUNTY SHORT PLAT NO. 9011070432, recorded November 7, 1990, in Pierce County, Washington.

Subject to easements, covenants, restrictions and reservations of record. Commonly known as Highway 99 and Freeway, in Milton, Washington.

DATED this 11th day of April, 2003.

GRANTOR:

LEONARD G. BOSCARINE and LINDA M. PLEIN, Trustees, or their successors in trust, under the LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST, dated February 12, 1998, and any amendments thereto

Linda M. Plein
LINDA M. PLEIN, Trustee

Leonard G. Boscarine
LEONARD G. BOSCARINE, Trustee

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

On this day personally appeared before me LEONARD G. BOSCARINE, as Trustee, under the LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST, dated February 12, 1998, and any amendments thereto, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 11th day of April, 2003.

RAE DENE V. SENTEL NOTARY PUBLIC COMMISSION EXPIRES 06-03-06 STATE OF WASHINGTON

Rae Dene V. Sentel
NOTARY PUBLIC in and for the State of Washington, residing at Gig Harbor
My commission expires: 6-3-06
Printed Name: Rae Dene V. Sentel

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

On this day personally appeared before me LINDA M. PLEIN, as Trustee, under the LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST, dated February 12, 1998, and any amendments thereto, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 11th day of April, 2003.

RAE DENE V. SENTEL NOTARY PUBLIC COMMISSION EXPIRES 06-03-06 STATE OF WASHINGTON

Rae Dene V. Sentel
NOTARY PUBLIC in and for the State of Washington, residing at Gig Harbor
My commission expires: 6-3-06
Printed Name: Rae Dene V. Sentel

10

MAY 06 2005
CHICAGO TITLE 203

200505061290 10 PGS
05-06-2005 04:33pm $28.00
PIERCE COUNTY, WASHINGTON

MAY -- 2005
CHICAGO TITLE

WHEN RECORDED RETURN TO
FREEWAY SALES LLC
7110 PACIFIC HWY EAST
MILTON, WAY 98354

CHICAGO TITLE INSURANCE COMPANY

004311203

ANY OPTIONAL PROVISION NOT INITIALED BY ALL PERSONS SIGNING THIS CONTRACT -- WHETHER INDIVIDUALLY OR AS AN OFFICER OR AGENT -- IS NOT A PART OF THIS CONTRACT.

REAL ESTATE CONTRACT
(RESIDENTIAL SHORT FORM)

1. PARTIES AND DATE. This Contract is entered into on MAY 5, 2005 between BATROB LLC, A WASHINGTON LIMITED LIABILITY COMPANY,

as "Seller" and
FREEWAY SALES LLC, A WASHINGTON LIMITED LIABILITY COMPANY,

as "Buyer".

2. SALE AND LEGAL DESCRIPTION. Seller agrees to sell to Buyer and Buyer agrees to purchase from Seller the following described real estate in PIERCE County, State of Washington:

LOTS 1, 2, 3, AND 4 OF PIERCE COUNTY SHORT PLAT NO. 9011070432, RECORDED NOVEMBER 7, 1990, RECORDS OF PIERCE COUNTY AUDITOR;

SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

Assessor's Property Tax Parcel/Account Number: 04-20-05-7-005 THRU7-008

3. PERSONAL PROPERTY. Personal property, if any, included in the sale is as follows:

No part of the purchase price is attributed to personal property.

4. (a) PRICE. Buyer agrees to pay: $1,242,322.00 Total Price
Less ($25,000.00) Down Payment
Less ($0.00) Assumed Obligation(s)
Results in **$1,217,322.00** Amount Financed by Seller.

(b) ASSUMED OBLIGATIONS. Buyer agrees to pay the above Assumed Obligation(s) by assuming and agreeing to pay that certain 1217322.00 dated recorded as A F #
Seller warrants the unpaid balance of said obligation is $ 0.00 which is payable on or before the day of , , including interest at the rate of per annum on the declining balance thereof; and a like amount on or before the day of each and every thereafter until paid in full.

Note: Fill in the date in the following two lines only if there is an early cash out date.

NOTWITHSTANDING THE ABOVE, THE ENTIRE BALANCE OF PRINCIPAL AND INTEREST IS DUE IN FULL NOT LATER THAN
ANY ADDITIONAL ASSUMED OBLIGATIONS ARE INCLUDED IN ADDENDUM REC2000A/RDA/1200

4082232 1 PG

05-06-2005 04:20pm RCAROVA
EXCISE COLLECTED:$22,113.33 AFF.FEE:$0.00
PAT MCCARTHY, AUDITOR
PIERCE COUNTY, WASHINGTON

28

(c) PAYMENT OF AMOUNT FINANCED BY SELLER.

Buyer agrees to pay the sum of $1,217,322.00 as follows: $6,911.82 or more at Buyer's option on or before the 15th day of JUNE 2005, , INCLUDING interest from MAY 6, 2006 at the rate of 5.500% per annum on the declining balance thereof; and a like amount or more on or before the 15TH day of each and every MONTH thereafter until paid in full.

NOTE: Fill in the date in the following two lines only if there is an early cash out date.

NOTWITHSTANDING THE ABOVE, THE ENTIRE BALANCE OF PRINCIPAL AND INTEREST IS DUE IN FULL NOT LATER THAN THIRTY (30) YEARS FROM THE DATE OF CLOSING

Payments are applied first to interest and then to principal. Payments shall be made at BATROB LLC 1600 SW 156TH ST. BURIEN WA 98166-2768 or such other place as the Seller may hereafter indicate in writing.

5. FAILURE TO MAKE PAYMENTS ON ASSUMED OBLIGATIONS. If Buyer fails to make any payments on assumed obligation(s), Seller may give written notice to Buyer that unless Buyer makes the delinquent payment(s) within 15 days, Seller will make the payment(s), together with any late charge, additional interest, penalties, and costs assessed by the Holder of the assumed obligation(s). The 15-day period may be shortened to avoid the excercise of any remedy by the holder of the assumed obligation(s). Buyer shall immediately after such payment by Seller reimburse Seller for the amount of such payment plus a late charge equal to five percent (5%) of the amount so paid plus all costs and attorney fees incurred by Seller in connection with making such payment.

6. (a) OBLIGATIONS TO BE PAID BY SELLER. The seller agrees to continue to pay from payments received hereunder the following obligation, which obligation must be paid in full when Buyer pays the purchase price in full: That certain
dated recorded as A F # 0

ANY ADDITIONAL OBLIGATIONS TO BE PAID BY SELLER ARE INCLUDED IN ADDENDUM.

(b) EQUITY OF SELLER PAID IN FULL. If the balance owed the Seller on the purchase price herein becomes equal to the balance owed on prior encumbrances being paid by Seller, Buyer will be deemed to have assumed said encumbrances as of that date. Buyer shall thereafter make payments directly to the holders of said encumbrances and make no further payments to Seller. Seller shall at that time deliver to Buyer a fulfillment deed in accordance with the provisions of paragraph 8.

(c) FAILURE OF SELLER TO MAKE PAYMENTS ON PRIOR ENCUMBRANCES. If Seller fails to make any payments on any prior encumbrance, Buyer may give written notice to Seller that unless Seller makes the delinquent payments within 15 days, Buyer will make the payments together with any late charge, additional interest, penalties, and costs assessed by the holder of the prior encumbrance. The 15-day period may be shortened to avoid the exercise of any remedy by the holder of the prior encumbrance. Buyer may deduct the amounts so paid plus a late charge of 5% of the amount so paid and any attorneys' fees and costs incurred by Buyer in connection with the delinquency from payments next becoming due Seller on the purchase price. In the event Buyer makes such delinquent payments on three occasions, Buyer shall have the right to make all payments due thereafter directly to the holder of such prior encumbrance and deduct the then balance owing on such prior encumbrance from the then balance owing on the purchase price and reduce periodic payments on the balance due Seller by the payments called for in such prior encumbrance as such payments become due.

OTHER ENCUMBRANCES AGAINST THE PROPERTY. The property is subject to encumbrances including the following listed tenancies, easements, restrictions, and reservations in addition to the obligations assumed by Buyer and the obligations being paid by Seller.

SEE EXHIBIT "A" ATTACHED HERETO AND BY REFERENCE MADE A PART HEREOF

8. FULLFILLMENT DEED. Upon payment of all amounts due Seller, Seller agrees to deliver to Buyer a Statutory Warranty Deed in fulfillment of this Contract. The covenants of warranty in said deed shall not apply to any encumbrances assumed by Buyer or to defects in Title arising subsequent to the date of this Contract by, through, or under persons other than the Seller herein. Any personal property included in the sale shall be included in the fulfillment deed.

9. LATE CHARGES. If any payment on the purchase price is not made within ten (10) days after the date it is due, Buyer agrees to pay a late charge equal to 5% of the amount of such payment. Such late payment charge shall be in addition to all other remedies available to Seller and the first amounts received from Buyer after such late charges are due shall be applied to the late charges.

10. NO ADVERSE EFFECT ON PRIOR ENCUMBRANCES. Seller warrants that entry into this Contract will not cause in any prior encumbrance (a) a breach, (b) accelerated payments, or (c) an increased interest rate; unless (a), (b), or (c) has been consented to by Buyer in writing.

11. POSSESSION. Buyer is entitled to possession of the property from and after the date of this Contract or , whichever is later, subject to any tenancies described in paragraph 7.

12. TAXES, ASSESSMENTS, AND UTILITY LIENS. Buyer agrees to pay by the date due all taxes and assessments becoming a lien against the property after the date of this Contract. Buyer may in good faith contest any such taxes or assessments so long as no forfeiture or sale of the property is threatened as a result of such contest. Buyer agrees to pay when due any utility charges which may become liens superior to Seller's interest under this Contract. If real estate taxes and penalties are assessed against the property subsequent to date of this Contract because of a change in use prior to the date of this Contract for Open Space, Farm, Agricultural, or Timber classifications approved by the County or because of a Senior Citizen's Declaration to Defer Property Taxes filed prior to the date of this Contract, Buyer may demand in writing payment of such taxes and penalties within 30 days. If payment is not made, Buyer may pay and deduct the amount thereof plus 5% penalty from the payments next becoming due Seller under the Contract.

13. INSURANCE. Buyer agrees to keep all buildings now or hereafter erected on the property described herein continuously insured under fire and extended coverage policies in an amount not less than the balances owed on obligations assumed by Buyer plus the balance due Seller, or full insurable value, whichever is lower. All policies shall be held by the Seller and be in such companies as the Seller may approve and have loss payable first to any holders of underlying encumbrances, then to Seller as their interests may appear and then to Buyer. Buyer may within 30 days after loss negotiate a contract to substantially restore the premises to their condition before the loss. If insurance proceeds are sufficient to pay the contract price for restoration or if the Buyer deposits in escrow any deficiency with instructions to apply the funds on the restoration contract, the property shall be restored unless the underlying encumbrances provide otherwise. Otherwise the amount collected under any insurance policy shall be applied upon any amounts due hereunder in such order as Seller shall determine. In the event of forfeiture, all rights of Buyer in insurance policies then in force shall pass to Seller.

14. NONPAYMENT OF TAXES, INSURANCE, AND UTILITIES CONSTITUTING LIENS. If Buyer fails to pay taxes or assessments, insurance premiums, or utility charges constituting liens prior to Seller's interest under this Contract, Seller may pay such items and Buyer shall forthwith pay Seller the amount thereof plus a late charge of 5% of the amount thereof plus any costs and attorney's fees incurred in connection with making such payment.

15. CONDITION OF PROPERTY. Buyer accepts the property in its present condition and acknowledges that Seller, his agents, and subagents have made no representation or warranty concerning the physical condition of the property or the uses to which it may be put other than as set forth herein. Buyer agrees to maintain the property in such condition as complies with all applicable laws.

16. RISK OF LOSS. Buyer shall bear the risk of loss for destruction or condemnation of the property. Any such loss shall not relieve Buyer from any of Buyer's obligations pursuant to this Contract.

17. WASTE. Buyer shall keep the property in good repair and shall not commit or suffer waste or willful damage to or destruction of the property. Buyer shall not remove commercial timber without the written consent of Seller.

18. AGRICULTURAL USE. If this property is to be used principally for agricultural purposes, Buyer agrees to conduct farm and livestock operations in accordance with good husbandry practices. In the event a forfeiture action is instituted, Buyer consents to Seller's entry on the premises to take any reasonable action to conserve soil, crops, trees, and livestock.

19. CONDEMNATION. Seller and Buyer may each appear as owners of an interest in the property in any action concerning condemnation of any part of the property. Buyer may within 30 days after condemnation and removal of improvements, negotiate a contract to substantially restore the premises to their condition before the removal. If the condemnation proceeds are sufficient to pay the contract price for restoration or if the Buyer deposits in escrow any deficiency with instructions to apply the funds on the restoration contract, the property shall be restored unless the underlying encumbrances provide otherwise. Otherwise, proceeds of the award shall be applied in payment of the balance due on the purchase price, as Seller may direct.

20. DEFAULT. If the Buyer fails to observe or perform any term, covenant, or condition of this Contract, Seller may:
(a) Suit for Installments. Sue for any delinquent periodic payment; or
(b) Specific Performance. Sue for specific performance of any of Buyer's obligations pursuant to this Contract; or
(c) Forfeit Buyer's Interest. Forfeit this Contract pursuant to Ch.61.30, RCW, as it is presently enacted and may hereafter be amended. The effect of such forfeiture includes: (i) all right, title, and interest in the property of the Buyer and all persons claiming through the Buyer shall be terminated; (ii)the Buyer's rights under the Contract shall be cancelled; (iii) all sums previously paid under the Contract shall belong to and be retained by the Seller or other person to whom paid and entitled thereto; (iv) all improvements made to and unharvested crops on the property shall belong to the Seller; and (v) Buyer shall be required to surrender possession of the property, imporvements, and unharvested crops to the Seller 10 days after the forfeiture.
(d) Acceleration of Balance Due. Give Buyer written notice demanding payment of said delinquencies and payment of a late charge of 5% of the amount of such delinquent payments and payment of Seller's reasonable attorney's fees and costs incurred for services in preparing and sending such Notice and stating that if payment pursuant to said Notice is not received within 30 days after the date said Notice is either deposited in the mail addressed to the Buyer or personally delivered to the Buyer, The entire balance owing, including interest, will become immediately due and payable. Seller may thereupon institute suit for payment of such balance, interest, late charge, and reasonable attorney's fees and costs.
(e) Judicial Foreclosure. Sue to foreclose this Contract as a mortgage, in which event Buyer may be liable for a deficentcy.

21. RECEIVER. If Seller has instituted any proceedings specified in Paragraph 20 and Buyer is receiving rental or other income from the property, Buyer agrees that the appointment of a receiver is neccsary to protect Seller's interest.

22. BUYER'S REMEDY FOR SELLER'S DEFAULT. If Seller fails to observe or perform any term, covenant, or condition of this Contract, Buyer may, after 30 days' written notice to Seller, institute suit for damages or specific performance unless the breaches designated in said notice are cured.

23. NON-WAIVER. Failure of either party to insist upon strict performance of the other party's obligations hereunder shall not be construed as a waiver of strict performance thereafter of all of the other party's obligations hereunder and shall not prejudice any remedies as provided herein.

24. ATTORNEYS' FEES AND COSTS. In the event of any breach of this Contract, the party responsible for the breach agrees to pay reasonable attorney's fees and costs, including costs of service of notices and title searches, incurred by the other party. The prevailing party in any suit instituted arising out of this Contract and in any forfeiture proceedings arising out of this Contract shall be entitled to receive reasonable attorney's fees and costs incurred in such suit or proceedings.

25. NOTICES. Notices shall be either personally served or shall be sent certified mail, return receipt requested and by regular first class mail to Buyer at
and to the Seller at
, or such other address as either party may specify in writing to the other party. Notices shall be deemed given when served or mailed. Notice to Seller shall also be sent to any institution receiving payments on the Contract.

26. TIME FOR PERFORMANCE. Time is of the essence in performance of any obligations pursuant to this Contract.

27. SUCCESSORS AND ASSIGNS. Subject to any restrictions against assignment, the provisions of this Contract shall be binding on the heirs, successors, and assigns of the Seller and Buyer.

28. OPTIONAL PROVISION -- SUBSTITUTION AND SECURITY ON PERSONAL PROPERTY. Buyer may substitute for any personal property specified in Paragraph 3 herein other personal property of like nature which Buyer owns free and clear of any encumbrances. Buyer hereby grants Seller a security interest in all personal property specified in paragraph 3 and future substitutions for such property and agrees to execute a financing statement under the Uniform Commercial Code reflecting such security interest.

SELLER	INITIALS:	BUYER
_____	_____	_____
_____	_____	_____

29. OPTIONAL PROVISION - ALTERATIONS. Buyer shall not make any substantial alteration to the improvements on the property without the prior written consent of Seller, which consent will not be unreasonably withheld.

SELLER	INITIALS:	BUYER

30. OPTIONAL PROVISION - DUE ON SALE. If Buyer, without written consent of Seller, (a) conveys, (b) sells, (c) leases, (d) assigns, (e) contracts to convey, sell, lease, or assign, (f) grants an option to buy the property, (g) permits a forfeiture of forclosure or trustee or sheriff's sale of any of the Buyer's interest in the property of this Contract, Seller may at any time thereafter either raise the interest rate on the balance of the purchase price or declare the entire balance of the purchase price due and payable. If one or more of the entities comprising the Buyer is a corporation, any transfer of or successive transfers in the nature of items (a) through (g) above of 40% or more of the capital stock shall enable Seller to take the above action. A lease of less than 3 years (including options for renewals), a transfer to a spouse or child of Buyer, a transfer incident to a marriage dissolution or condemnation, and a transfer by inheritance will not enable Seller to take any action pursuant to this Paragraph; provided the transferee other than a condemnor agrees in writing that the provisions of this paragraph apply to any subsequent transaction involving the property entered into by the transferee.

SELLER	INITIALS:	BUYER

31. OPTIONAL PROVISION - PREPAYMENT PENALTIES ON PRIOR ENCUMBRANCES. If Buyer elects to make payments in excess of the minimum required payments on the purchase price herein, and Seller, because of such prepayments, incurs penalties on prior encumbrances, Buyer agrees to forthwith pay seller the amount of such penalties in addition to payments on the purchase price.

SELLER	INITIALS:	BUYER

32. OPTIONAL PROVISION - PERIODIC PAYMENTS ON TAXES AND INSURANCE. In addition to the periodic payments on the purchase price, Buyer agrees to pay seller such portion of the real estate taxes and assessments and fire insurance premium as will approximately total the amount due during the current year based on Sellers reasonable estimate.

The payments during the current year shall be per . Such "reserve" payments from Buyer shall not accrue interest. Seller shall pay when due all real estate taxes and insurance premiums, if any, and debit the amounts so paid to the reserve account. Buyer and Seller shall adjust the reserve account in April of each year to reflect excess or deficit balances and changed costs. Buyer agrees to bring the reserve account to a minimum of $10 at the time of adjustment.

SELLER	INITIALS:	BUYER

33. ADDENDA. Any addenda attached hereto are a part of this Contract.
34. ENTIRE AGREEMENT. This Contract constitutes the entire agreement of the parties and supercedes all prior agreements and understandings, written or oral. This Contract may be amended only in writing executed by Seller and Buyer.

IN WITNESS WHEREOF the parties have signed and sealed this Contract the day and year first above written.

SELLER	BUYER
Leonard G. Boscarine	Member
BATROB LLC	FREEWAY SALES LLC
Linda Plein	Member
BATROB LLC	FREEWAY SALES LLC

STATE OF WASHINGTON COUNTY OF PIERCE

ON THIS 5TH DAY OF MAY, 2005, BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON, DULY COMMISSIONED AND SWORN, PERSONALLY APPEARED LEONARD BOSCARINE AND LINDA PLEIN TRUSTEES OF THE OF THE LEONARD BOSCARINE AND LINDA PLEIN LIVING TRUST DATED FEBRUARY 12, 1998 ARE THE MANAGING MEMBERS OF THE BARTROM LLC THAT EXECUTED THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED THE SAID INSTRUMENT TO BE THE FREE AND VOLUNTARY ACT AND DEED OF SAID CORPORATION, FOR THE USES AND PURPOSES THEREIN MENTIONED, AND ON OATH STATE THAT THEY ARE AUTHORIZED TO EXECUTE THE SAID INSTRUMENT AND THAT THE SEAL AFFIXED THERETO (IF ANY) IS THE CORPORATE SEAL OF SAID LIMITED LIABILITY COMPANY.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED BY OFFICIAL SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN.

Laurie Kingtalik
NOTARY SIGNATURE

PRINTED NAME: Laurie Kingtalik
NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON,
RESIDING AT Lakewood.
MY COMMISSION EXPIRES 4/11/09

LAURIE A. KINGTALIK
COMMISSION EXPIRES
NOTARY
PUBLIC
4-11-09
STATE OF WASHINGTON

CHICAGO TITLE INSURANCE COMPANY

EXHIBIT A Escrow No.: 4311203

ASSESSMENT:

AMOUNT:	$ 12,956.15
INTEREST:	9.01
COMMENCING 30 DAYS AFTER:	JANUARY 17, 1988
ANNUAL INSTALLMENTS:	20
INSTALLMENTS PAID:	17
INSTALLMENTS DELINQUENT:	0
NEXT INSTALLMENT DUE:	JANUARY 17, 2006
LEVIED BY:	PIERCE COUNTY
FOR:	SEWER
L.I.D. NUMBER:	82-1
ACCOUNT NUMBER:	0420057005

ASSESSMENT:

AMOUNT:	$ 4,727.53
INTEREST:	9.01
COMMENCING 30 DAYS AFTER:	JANUARY 17, 1988
ANNUAL INSTALLMENTS:	20
INSTALLMENTS PAID:	17
INSTALLMENTS DELINQUENT:	0
NEXT INSTALLMENT DUE:	JANUARY 17, 2006
LEVIED BY:	PIERCE COUNTY
FOR:	SEWER
L.I.D. NUMBER:	82-1
ACCOUNT NUMBER:	0420057006

ASSESSMENT:

AMOUNT:	$ 4,727.53

CHICAGO TITLE INSURANCE COMPANY

EXHIBIT A
(continued)

Escrow No.: 4311203

INTEREST:	9.01
COMMENCING 30 DAYS AFTER:	JANUARY 17, 1988
ANNUAL INSTALLMENTS:	20
INSTALLMENTS PAID:	17
INSTALLMENTS DELINQUENT:	0
NEXT INSTALLMENT DUE:	JANUARY 17, 2006
LEVIED BY:	PIERCE COUNTY
FOR:	SEWER
L.I.D. NUMBER:	82-1
ACCOUNT NUMBER:	0420057006

ASSESSMENT:

AMOUNT:	$ 4,727.53
INTEREST:	9.01
COMMENCING 30 DAYS AFTER:	JANUARY 17, 1988
ANNUAL INSTALLMENTS:	20
INSTALLMENTS PAID:	17
INSTALLMENTS DELINQUENT:	0
NEXT INSTALLMENT DUE:	JANUARY 17, 2006
LEVIED BY:	PIERCE COUNTY
FOR:	SEWER
L.I.D. NUMBER:	82-1
ACCOUNT NUMBER:	0420057007

ASSESSMENT:

AMOUNT:	$ 4,548.95
INTEREST:	9.01
COMMENCING 30 DAYS AFTER:	JANUARY 17, 1988
ANNUAL INSTALLMENTS:	20
INSTALLMENTS PAID:	17
INSTALLMENTS DELINQUENT:	0
NEXT INSTALLMENT DUE:	JANUARY 17, 2006
LEVIED BY:	PIERCE COUNTY
FOR:	SEWER
L.I.D. NUMBER:	82-1
ACCOUNT NUMBER:	0420057008

RELINQUISHMENT OF ACCESS TO STATE HIGHWAY NUMBER 5 AND OF LIGHT, VIEW AND AIR BY DEED TO THE STATE OF WASHINGTON:

RECORDED:	DECEMBER 4, 1959
RECORDING NUMBER:	1874357

CONDEMNATION OF ACCESS TO STATE HIGHWAY NUMBER 5 AND OF LIGHT, VIEW AND AIR BY DECREE TO STATE OF WASHINGTON:

ENTERED:	MARCH 18, 1960
SUPERIOR COURT CAUSE NUMBER:	141980

RELINQUISHMENT OF ACCESS TO STATE HIGHWAY NUMBER 5 AND OF LIGHT, VIEW AND AIR BY DEED TO THE STATE OF WASHINGTON:

RECORDED:	DECEMBER 4, 1959
RECORDING NUMBER:	1874360

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	STATE OF WASHINGTON
PURPOSE:	RIGHT, PRIVILEDGE AND PERMIT TO

CHICAGO TITLE INSURANCE COMPANY

EXHIBIT A
(continued)

Escrow No.: 4311203

	WASTE, PLACE AND DEPOSIT EARTH MATERIALS OF ALL TYPES AND QUANTITIES UPON THE EXISTING CHANNEL OF HYLEBOS CREEK AS IT FLOWS OVER AND ACROSS THE HEREIN DESCRIBED LAND
AREA AFFECTED:	THE DESCRIPTION CONTAINED THEREIN IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION WITHIN THE PROPERTY HEREIN DESCRIBED.
RECORDED:	DECEMBER 4, 1959
RECORDING NUMBER:	1874360

PERMIT TO CONSTRUCT CHANNEL CHANGE AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	STATE OF WASHINGTON
AREA AFFECTED:	THE DESCRIPTION CONTAINED THEREIN IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION WITHIN THE PROPERTY HEREIN DESCRIBED.
RECORDED:	DECEMBER 4, 1959
RECORDING NO.:	1874358

PERMIT TO WASTE EARTH MATERIALS AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	STATE OF WASHINGTON
PURPOSE:	RIGHT, PRIVILEGE AND PERMIT TO WASTE, PLACE AND DEPOSIT EARTH MATERIALS OF ALL TYPES AND QUANTITIES UPON THE EXISTING CHANNEL OF HYLEBOS CREEK, AS IT FLOWS TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS FOR A HAUL ROAD OF SUFFICIENT WIDTH TO CONVENIENTLY TRANSPORT SAID EARTH MATERIALS.
AREA AFFECTED:	PARCEL B AND OTHER PROPERTY
RECORDED:	AUGUST 1, 1960
RECORDING NO.:	1895985

PERPETUAL RECIPROCAL EASEMENT, MUTUAL MAINTENANCE AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

BETWEEN:	LINDA M. PLEIN AND LEONARD G. BOSCARINE
AND:	PIERCE COUNTY
RECORDED:	OCTOBER 24, 1997
RECORDING NUMBER:	9710240083
REGARDING:	PRIVATE SEWER SYSTEM

NOTICES, TERMS AND CONDITIONS AS SET FORTH IN STATUTORY WARRANTY DEED:

BETWEEN:	UNITED STATES GYPSUM COMPANY
AND:	HERBERT A. RENDEL AND ANITA M. RENDEL, HUSBAND AND WIFE
RECORDED:	JUNE 11, 1986
RECORDING NUMBER:	8606110301
REGARDING:	WASHINGTON DANGEROUS WASTE REGULATIONS, WAC 173-303-610

CHICAGO TITLE INSURANCE COMPANY

EXHIBIT A
(continued)

Escrow No.: 4311203

EASEMENT AS DELINEATED AND/OR DEDICATED ON THE FACE OF THE SHORT PLAT NUMBER 9009240457 AND SHORT PLAT NUMBER 9011070432:
PURPOSE: STORM DRAIN
AREA AFFECTED: PORTION OF PARCEL A AND PORTION OF LOTS 1 AND 4 OF PARCEL B

EXISTING ACCESS, AS DELINEATED ON THE FACE OF SAID SHORT PLAT NUMBERS 9009240457 AND 9011070432.

SIX FOOT WOODEN FENCE, AS DELINEATED ON SAID SHORT PLAT NUMBER 9009240457.

COVENANTS, CONDITIONS, RESTRICTIONS, EASEMENTS, DEDICATIONS, AGREEMENTS AND NOTES, AS CONTAINED IN PIERCE COUNTY SHORT PLAT , RECORDED UNDER RECORDING NUMBER 9009240457.

COVENANTS, CONDITIONS, RESTRICTIONS, EASEMENTS, DEDICATIONS, AGREEMENTS AND NOTES, AS CONTAINED IN PIERCE COUNTY SHORT PLAT , RECORDED UNDER RECORDING NUMBER 9011070432.

QUESTION OF LOCATION OF LATERAL BOUNDARIES OF THE SHORELANDS.

ANY PROHIBITION OR LIMITATION OF USE, OCCUPANCY OR IMPROVEMENT OF THE LAND RESULTING FROM THE RIGHTS OF THE PUBLIC OR RIPARIAN OWNERS TO USE ANY PORTION WHICH IS NOW OR HAS BEEN FORMERLY COVERED BY WATER.

RIGHT OF THE STATE OF WASHINGTON IN AND TO THAT PORTION, IF ANY, OF THE PROPERTY HEREIN DESCRIBED WHICH LIES BELOW THE LINE OF ORDINARY HIGH WATER OF HYLEBOS CREEK.

THE RIGHT OF USE, CONTROL OR REGULATION BY THE UNITED STATES OF AMERICA IN EXERCISE OF POWER OVER NAVIGATION.

UNRECORDED LEASEHOLDS, IF ANY, RIGHTS OF VENDORS AND HOLDERS OF SECURITY INTERESTS ON PERSONAL PROPERTY INSTALLED UPON SAID PROPERTY AND RIGHTS OF TENANTS TO REMOVE TRADE FIXTURES AT THE EXPIRATION OF THE TERM.

2532790 Parcel No. 04-20-05-3-018

TAX DEED

STATE OF WASHINGTON)
) ss
COUNTY OF PIERCE)

Cause #3061
Deed #7235

EXCISE TAXE EXMPT DATE 12-17-73
MAURICE RAYMOND, Pierce Co. Treasurer
BY Lynn Jellerson DEPUT

THIS INDENTURE, Made this 23rd day of November A.D., 19 73

between Maurice Raymond, as Treasurer of Pierce County, State of Washington, party of the first part, and Chris Palzer

the part Y of the second part:

WITNESSETH, That whereas, at a public sale of real estate held on the 23rd day of November A.D. 1973, pursuant to a real estate tax judgment entered in the Superior Court of the County of Pierce, on the 5th day of November A.D. 1973, in proceedings to foreclose tax liens upon real estate and an order of sale duly issued by said court,

Chris Palzer

duly purchased, in compliance with the laws of the State of Washington, the following described real estate situate in Pierce County, Washington, to-wit:

Diagram 3/018 Beginning at intersection of Southeasterly line State Highway and East line Benson County Road in Section 05, Township 20 North, Range 04 East of W.M. thence South along East line said road 50 feet thence East at Right Angles 70 feet thence North parallel to said County Road 122 feet thence Northwesterly 48 feet more or less to point on Southeasterly line State Highway thence Southwesterly along said highway 100 feet to beginning
(Subject to all local and special assessments)

and that said Chris Palzer

has complied with the laws of the State of Washington necessary to entitle Him to a deed for said real estate.

NOW, THEREFORE, Know ye, that I, Maurice Raymond County Treasurer of said Pierce County, State of Washington, in consideration of the premises, and by virtue of the statutes of the State of Washington in such cases provided, do hereby grant and convey unto

Chris Palzer

his heirs and assigns forever, the said real estate hereinbefore described.

Given under my hand and seal of office this 23rd day of November A.D. 1973

Maurice Raymond
Treasurer of Pierce County, Washington.

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

On this 23rd day of November A.D. 1973, before me, the undersigned, a Notary Public in and for the said County and State, personally appeared Maurice Raymond to me personally known and known to me to be the Treasurer of Pierce County, Washington, and the person described in and who executed the foregoing instrument, and he acknowledged to me that he signed and executed the same as Treasurer of said County as his free and voluntary act and deed, for the uses and purposes and in the capacity therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

James A. Potts
Notary Public in and for the State of Washington residing at Tacoma.

Z-372

Filed for record DEC 18 1973
Request of Co. Treas.
Richard A. Greco, Pierce County Auditor

2532795

Parcel No. 04-20-05-3-054 1-2-

EXCISE TAX EXMPT DATE 12-17-73
MAURICE RAYMOND, Pierce Co. Treasurer
BY Lynn Dallefson DEPUTY

TAX DEED

STATE OF WASHINGTON)
) ss
COUNTY OF PIERCE)

Cause #3061
Deed #7236

THIS INDENTURE, Made this 23rd day of November A.D., 19 73

between Maurice Raymond, as Treasurer of Pierce County, State of Washington, party of the first part, and Chris Palzer

the part X of the second part:

WITNESSETH, That whereas, at a public sale of real estate held on the 23rd day of November A.D. 1973, pursuant to a real estate tax judgment entered in the Superior Court of the County of Pierce, on the 5th day of November A.D. 1973, in proceedings to foreclose tax liens upon real estate and an order of sale duly issued by said court,

Chris Palzer

duly purchased, in compliance with the laws of the State of Washington, the following described real estate situate in Pierce County, Washington, to-wit:

See attached for complete description

(Subject to all local and special assessments)

and that said Chris Palzer

has complied with the laws of the State of Washington necessary to entitle him to a deed for said real estate.

NOW, THEREFORE, Know ye, that I, Maurice Raymond County Treasurer of said Pierce County, State of Washington, in consideration of the premises, and by virtue of the statutes of the State of Washington in such cases provided, do hereby grant and convey unto

Chris Palzer

his heirs and assigns forever, the said real estate hereinbefore described.

Given under my hand and seal of office this 23rd day of November A.D. 19 73

Maurice Raymond
Treasurer of Pierce County, Washington.

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

On this 23rd day of November A.D. 1973, before me, the undersigned, a Notary Public in and for the said County and State, personally appeared Maurice Raymond to me personally known and known to me to be the Treasurer of Pierce County, Washington, and the person described in and who executed the foregoing instrument, and he acknowledged to me that he signed and executed the same as Treasurer of said County, as his free and voluntary act and deed, for the uses and purposes and in the capacity therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

James S. [illegible]
Notary Public in and for the State of Washington
Residing at Tacoma.

Z-372

2532795

Diagram 3/054

Commencing at the Southwest corner of Section 05, Township 20 North, Range 04 East of W.M., thence North 906.93 feet to Southeasterly Right of Way of State Highway thence North 34 degrees 46 minutes 42 seconds east 52.60 feet along said right of way line to intersection with East line of said County Road, the true point of beginning, thence South 50 feet along old East line of Ardena Road thence North 89 degrees 59 minutes 45 seconds East 70 feet thence North 52 degrees 32 minutes 37 seconds East 82.98 feet thence North 29 degrees 58 minutes 37 seconds East 134.21 feet thence North 61 degrees 52 minutes 10 seconds West 88 feet to Southeasterly right of Way of said State Highway thence South 29 degrees 58 minutes 55 seconds West 128.28 feet along said right of way thence North 57 degrees 42 minutes 00 seconds West 25 feet along State right of Way line thence South 33 degrees 19 minutes 05 seconds West 71.70 feet more or less along said southeasterly right of way line of State Highway to point of beginning less the following: Beginning at the intersection Southeasterly line Pacific Highway and East line Benson County Road thence South along East line said road 50 feet thence East at right angles 70 feet thence North parallel to said County Road 122 feet thence Northwesterly 48 feet more or less to point on Southeasterly line State Highway thence Southwesterly along said Highway 100 feet to beginning

Filed for record DEC 18 1973 1 56 PM
Request of Co. Treas.
Richard A. Greco, Pierce County Auditor

2695234

1-2

P-30182

WARRANTY FULFILLMENT DEED

THE GRANTOR, ALBERT J. WARLICK, as trustee of North Western Mortgage Investors Corporation, a Washington corporation in reorganization under Chapter X of the Bankruptcy Act, for and in consideration of One Dollar ($1.00) and other valuable consideration, in hand paid, conveys and warrants to CHARLES E. JACKSON and KATHE H. JACKSON, his wife, the following described real estate, situated in the County of Pierce, State of Washington:

That portion of the following described property lying Westerly of Primary State Highway No. 1 (Interstate Highway No. 5):
Beginning on the North line of the Southwest Quarter of the Southwest Quarter of Section 5, Township 20 North, Range 4 East of the W.M., in Pierce County, Washington, at a point 761 feet East of the Northeast corner of said subdivision; thence South parallel with the East line of said Southwest quarter of the Southwest quarter of the Northerly line of the Puget Sound Electric Railway Company's right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Brazeau Road, said East line being 30 feet East of the West line of said Section 5; thence North along the East line of said road to the South line of property conveyed to Andrew J. Shilling, et al, by Deed recorded December 23, 1946 under Auditor's File No. 1435667; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence on the East line of said property, North 122 feet; thence Northwesterly on the Northeasterly line of said property 48 feet to the Southeasterly line of Pacific Highway No. 1; thence Northeasterly on the Southeasterly line of said Highway to the North line of the Southwest Quarter of the Southwest Quarter of said Section 5; thence East on said North line to the point of Beginning.
EXCEPT Ardena County Road.
EXCEPT that portion thereof conveyed to the State of Washington by instruments recorded under Auditor's File Nos. 957144 and 1572829, records of said County.
EXCEPT a parcel of land located in the Southwest Quarter of Section 5, Township 20 North, Range 4 East of the W.M., in Pierce County, Washington, the boundary of which is described as follows:
Beginning at the Southwest corner of said Section 5, said point being marked by a four-inch by four-inch hub on the old center line of the Ardena County Road; thence North 0°00'15" West 986.93 feet along said center line to the Southeasterly right of way line of Primary State Highway No. 1; thence North 57°42'00" West 52.00 feet along said right of way line to the intersection with East line of said County Road, the true point of beginning; thence South 0°00'15" East 50.00 feet along the old East line of Ardena County Road; thence North 89°59'45" East 70.00 feet; thence North 52°52'00" East 86.00 feet; thence North 22°56'00" East 134.21 feet; thence North 61°52'18" East 88.00 feet to the Southeasterly right of way line of said Pacific Highway; thence South 28°43'00" East 125.15 feet along said right of way line; thence North 57°42'00" West 25.00 feet along State right of way line; thence South 53°19'05" West 71.78 feet, more or less, along said Southeasterly right of way line of Primary State Highway No. 1 to the true point of beginning.
EXCEPT the following described tract:
Commencing at a point where the Pacific Highway No. 1 intersects on its Southeasterly side with the East side of the County Road known as the Brazeau Road, as the same existed prior to June 19, 1937, being in the Southwest Quarter of the Southwest Quarter of Section 5, Township 2. North, Range 4 East of the W.M., in Pierce County, Washington; thence South along East side of said County Road, 50 feet; thence East at right angles with said County Road, 70 feet; thence North parallel with said County Road 122 feet; thence Northwesterly 48 feet, more or less, to a point on the Southeasterly side of said Pacific Highway No. 99, 100 feet Northeasterly (along said Pacific Highway) from the point of beginning; thence Southwesterly along the Southeast side of said Pacific Highway 100 feet to the point of beginning.

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated December 29, 1964, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract.

Excise tax receipt No. 189414, dated January 15, 1965.

DATED this 27th day of May, 1976.

ALBERT J. WARLICK, as trustee of North Western Mortgage Investors Corporation

2695234
DEED

RECORDED
'76 OCT 15 AM 9:30
RICHARD A. GREEN AUDITOR
PIERCE COUNTY WASH.
DEPUTY

FIRST AMERICAN TITLE COMPANY
1000-2nd AVE.
SEATTLE, WASHINGTON 98104

STATE OF WASHINGTON)
) ss.
COUNTY OF K I N G)

On this day, personally appeared before me, ALBERT J. WARLICK, trustee, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed as trustee, for the uses and purposes therein mentioned.

GIVEN UNDER MY HAND AND OFFICIAL SEAL this 28 day of May, 1976.

Notary Public in and for the State of Washington, residing at Bellevue

2695235

(2) P-30182

QUIT CLAIM DEED

THE GRANTORS, WILLIE EDDIE BANKS and MAE W. BANKS, his wife, for and in consideration of clearing title, convey and quit claim to ALBERT J. WALLICK, as trustee of North Western Mortgage Investors Corporation, a Washington corporation in reorganization under Chapter X of the Bankruptcy Act, the following described real estate, situated in the County of Pierce, State of Washington.

That portion of the following described property lying Westerly of Primary State Highway No. 1 (Interstate Highway No. 5):
Beginning on the North line of the Southwest Quarter of the Southwest Quarter of Section 5, Township 20 North, Range 4 East of the W.M., in Pierce County, Washington, at a point 701 feet West of the Northeast corner of said subdivision; thence South parallel with the East line of said Southwest Quarter of the Southwest Quarter of the Northwest [illegible] Westerly [illegible] right of way thence [illegible] line of Orchard County Road, along that [illegible] road, said East line being [illegible] feet West of the center line of said Section 5; thence North along the East line of said road to the South line of property conveyed to Andrew J. Wallick, et al, by Deed recorded December 13, 1946 under Auditor's File No. 1112227; thence East on the South line of said property 40 feet to the Southeast corner thereof; thence on the East line of said property, North 1[illegible] feet; thence Southwesterly on the Northwesterly line of said property 45 feet to the Southeasterly line of Pacific Highway No. 1; thence Northeasterly on the Southeasterly line of said Highway to the North line of the Southwest Quarter of the Southwest Quarter of said Section 5; thence East on said North line to the point of beginning.
EXCEPT the North County Road.
EXCEPT that portion thereof conveyed to the State of Washington by instruments recorded under Auditor's File Nos. 957144 and 1872829, Records of said County.
EXCEPT a parcel of land located in the Southwest Quarter of Section 5, Township 20 North, Range 4 East of the W.M., in Pierce County, Washington, the boundaries of which is described as follows:
Beginning at the Southwest corner of said Section 5, said point being marked by a four inch by four-inch hub on the old center line of the Orchard County Road; thence North 0°06'15" West 906.95 feet along said center line to the Southeasterly right of way line of Pacific Highway No. 1; thence North 41°41'[illegible]" East 52.60 feet along said right of way line to the intersection with East line of said County Road, the true point of beginning; thence South 0°00'15" East 50.00 feet along the old East line of Orchard County Road; thence North 81°29'[illegible]" East 76.00 feet; thence North 52°52'[illegible]" East 2.[illegible] feet; thence North 29°58'37" East 134.21 feet; thence North 2[illegible] West 8[illegible] feet to the Southeasterly right of way line of said State Highway; thence South 28°26'55" West 128.2[illegible] feet along said line of way line; thence North 5[illegible]'09" West 25.00 feet along State right of way line; thence South 33°13'05" West 71.70 feet, more or less, along said Southeasterly right of way line of Primary State Highway No. 1 to the true point of beginning.
EXCEPT the following described tract:
Commencing at a point where the Pacific Highway No. 1 intersects on its Southeasterly side with the East side of the County Road known as the Fenson Road, as the same existed prior to June 19, 1937, being in the Southwest quarter of the Southwest Quarter of Section 5, Township 2. North, Range 4 East of the W.M., in Pierce County, Washington; thence South along East side of said County Road, 50 feet; thence East at right angles with said County Road, 20 feet; thence North parallel with said County Road 1.2 feet; thence Northwesterly 48 feet, more or less, to a point on the Southeasterly side of said Pacific Highway No. 99, 100 feet Northeasterly (along said Pacific Highway) from the point of beginning; thence Southwesterly along the Southeast side of said Pacific Highway 100 feet to the point of beginning.

DATED this 4 day of June, 1976.

Willie Eddie Banks
Willie Eddie Banks

Mae W. Banks
Mae W. Banks

STATE OF OREGON)
) ss.
COUNTY OF Multnomah)

On this day, personally appeared before me, WILLIE EDDIE BANKS and MAE W. BANKS, his wife, to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN UNDER MY HAND AND OFFICIAL SEAL this 4 day of June, 1976.

My Commission expires June 25, 1979

Mary Lou Toward
Notary Public in and for the State of Oregon, residing at 5026 NE 15th Portland

RECORDED OCT 15 1976
DATE
TIME 9:31 am
RICHARD A. GREGO, PIERCE COUNTY AUDITOR

LTC

2695236

First American Title
INSURANCE COMPANY

THIS SPACE RESERVED FOR RECORDER'S USE.

RECORDED
OCT 15 1976
'76 OCT 15 AM 9:31
RICHARD A. GREGG AUDITOR
DEPUTY

1-2

Filed for Record at Request of

Name FIRST AMERICAN TITLE CO.

Address 1000 Second Avenue

City and State Seattle, Washington 98104

Escrow No. 11519-KO

2695236

DEED

Statutory Warranty Deed

P-30182

THE GRANTOR KOMAO KONDO and MOTOE KONDO, husband and wife

for and in consideration of TEN AND NO/100----------DOLLARS

in hand paid, conveys and warrants to WILLIE E. BANKS and MAE W. BANKS, husband and wife

the following described real estate, situated in the County of Pierce, State of Washington:

As attached hereto

EXCISE TAX PAID $ none
REC. NO. 406398 DATE 10-15-76
RAYMOND Pierce Co. Treas.
DEPUTY

Washington Conveyance Tax
DEPT. OF REVENUE OCT 15 1976 LTC 00
P.O. 11234

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated Sept 15, 1962, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract.

Real Estate Sales Tax was paid on this sale on , Rec. No. 156846

Dated this 31st day of August, 19 76

Komao Kondo
KOMAO KONDO (SEAL)

Motoe Kondo
MOTOE KONDO (SEAL)

STATE OF ~~WASHINGTON~~ CALIFORNIA
County of Los Angeles } ss.

On this day personally appeared before me Komao and Motoe Kondo

to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 3rd day of September, 19 76

OFFICIAL SEAL
ELEANOR KIM CHOW
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My comm. expires JUN 9, 1980

Eleanor Kim Chow
Notary Public in and for the State of ~~WASHINGTON~~ Calif
residing at

WA-52 (7/70)

Beginning on the north line of the S.W. 1/4 of the S.W 1/4 of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, at a point 761 feet west of the N.E. corner of said subdivision; thence south parellel with the East line of said S.W. quarter of the S.W. quarter to the northerly line of the Puget Sound Electric Railway Co.s right-of-way; thence westerly along the Northerly line of said right-of-way to the East line of Ardena County Road, also known as Benson Road, said east line being 30 feet east of the west line of said Section 5; thence North along the east line of said road to the south line of property conveyed to Andrew J. Shilling, etal, by deed recorded 12-23-46 under Pierce County Auditor's Fee No. 1435837; thence east on the south line of said property 60 feet to the southeast corner thereof; thence on the east line of said property, north 122 feet; thence northwesterly on the northeasterly line of said property 48 feet to the southeasterly line of Pacific Highway No. 1; thence northeasterly on the southeasterly line of said Highway to the Northline of the SW quarter of the SW quarter of said Section 5; thence east on said north line to the point of beginning.

EXCEPT Barth County Road, and EXCEPT that portion thereof conveyed to the State of Washington by instruments recorded under Auditor's Fee No's 957144 and 1872829 record of said county; EXCEPT a parcel of land located in the SW quarter of Section 5, Township 20 North, Range 4 East of the W M the boundry of which is described as follows: Beginning at the SW corner of said Section 5, said point being marked by a 4" x 4" hub on the old center line of the Adrena County Road, thence North 0°00'15" west 906.93 feet along said center line to the southeasterly right of way line of Primary State Highway No. 1; thence north 34°46'42" east 52.60 feet along said right of way line to the intersection with east line of said County Road, the true point of beginning; thence south 0°00'15" east 50.00 feet along the old east line of Ardena County Road; thence north 89°59'45" east 70.00 feet; thence north 52°32'37" east 82.08 feet; thence north 29°58'37" east 134.21 feet; thence north 61°52'10" west 88.00 feet to the southeasterly right of way line of said State Highway; thence South 29°58'55" west 128.28 feet along said right of way line; thence north 57°42'00" west 25.00 feet along State right of way line; thence south 33°19'05" west 71.70 feet, more or less, along said southeasterly right of way line of Primary State Highway No. 1 to the true point of beginning. EXCEPT THE FOLLOWING DESCRIBED TRACT: Commencing at a point where the Pacific Highway No. 1 intersects on its southeasterly side with the east side of said County Road, known as the Benson Road, as the same existed prior to June 19, 1937, being in the SW Quarter of the SW quarter of Section 5, Township 20 North, Range 4 EWM, thence south along east side of said County Road 50 feet; thence east at right angles with said County Road, 70 feet; thence north parellel with said County Road 122 feet; thence northwesterly 48 feet, more or less, to a point on the Southeasterly side of said Pacific Highway No. 99, 100 feet northeasterly (along said Pacific Highway) from the point of beginning, thence southwesterly along the SE side of said Pacific Highway, 100 feet to the point of beginning.

Situate in the County of Pierce, State of Washington

2695237

First American Title
INSURANCE COMPANY

Filed for Record at Request of

Name FIRST AMERICAN TITLE CO.

Address 1000 Second Avenue

City and State Seattle, Washington 98104

Conveyance Tax 10.50

RECORDED FOR RECORDER'S USE.
RECORDED
OCT 15 1976
'76 OCT 15 AM 9:32
9:32
RICHARD ... AUDITOR
PIERCE COUNTY WASH.
DEPUTY

Escrow NO. 11519-KO

Statutory Warranty Deed

P-30182

THE GRANTOR WILLIE EDDIE BANKS and MAE W. BANKS, husband and wife

for and in consideration of TEN AND NO/100----------DOLLARS

in hand paid, conveys and warrants to INVESTMENT SYNDICATES, INC, a Washington Corporation

the following described real estate, situated in the County of Pierce, State of Washington:

Commencing at the N.E. corner of the S.W. Quarter of the S.W. Quarter of Section 5, Township 20 North, Range 4 East of the W.M. in Pierce County, Washington; then West on Northline of said subdivision, 761 feet; thence South to the intersection of the southeasterly line of the State Highway; thence Southwesterly along the Southeasterly line to the Northerly line of Puget Sound Electric Railway right of way; thence Northeasterlyalong the Northerly line of said right of way to a point lying Southerly of the point of beginning; thence North to the point of beginning.

Situate in the County of Pierce, State of Washington.

EXCISE TAX PAID $ none
REC. NO. 406322 DATE 10-15-76
MAURICE RAYMOND Pierce Co. Trans.
Virginia Kennedy DEPUTY

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated July 30, 1969, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract.

Real Estate Sales Tax was paid on this sale on August 4, 1969 Rec. No. 266643

Dated this 10th day of September, 19 76

Willie Eddie Banks
WILLIE EDDIE BANKS (SEAL)

Mae W. Banks
MAE W. BANKS (SEAL)

STATE OF ~~WASHINGTON~~ OREGON
County of Multnomah } ss.

On this day personally appeared before me Willie Eddie Banks and Mae W. Banks

to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 14 day of September, 19 76

David Schlabt exp 8-20-80
Notary Public in and for the State of ~~Washington~~ Oregon, residing at

WA 52 (7/70)

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8310310298

Transamerica Title Services

Transamerica Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE

FILED FOR RECORD AT REQUEST OF

F.A.T. 279514 OCT 31 1983

RECORDED

83 OCT 31 P 3: 04

RICHARD A. ALLEN
PIERCE COUNTY, WASH
DEPUTY

WHEN RECORDED RETURN TO

Name COMMUNITY ESCROW, INC.

Address 19011 West valley Hwy., Suite A-106

City, State, Zip Kent, WA 98032

CEI#5074

Statutory Warranty Deed

EXCISE TAX PAID $ 749.00
Re. No 601831 Date 10-31-83
Pierce County
By Blanche Lew Auth. Sig.

THE GRANTOR CHRIS PALZER and CATHY PALZER, husband and wife

for and in consideration of TEN AND NO/100 DOLLARS AND OTHER VALUABLE CONSIDERATION

in hand paid, conveys and warrants to DARTH R. CASTAN, an unmarried person

the following described real estate, situated in the County of Pierce, State of Washington:

FOR DESCRIPTION, SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART EHREOF.

SUBJECT TO: Waiver of all claims for damages to adjacent property by reason of the construction of a county road to be known as Ardena Road, as granted by Ida Benton, et. al, to County of Pierce, State of Washington, recorded May 2, 1947, under Auditor's No. 1448266; Relinquishment of access to State highway No. 1 and of light, view and air by Deed to State of Washington, recorded November 17, 1959, under Auditor's No. 1872829; Right of way for drainage ditch as disclosed in Pierce County Superior Court Case No. 83639 and easement to construct a channel change together with the right, privilege and permit to enter abutting lands to construct said channel change over the herein described property, as granted to the State of Washington by instrument recorded under auditor's No. 1872830; and Permit to waste, place and deposit earth materials upon the existing channel to Hylebos Creek as it flows over and across the herein described property, together with the right of ingress and egress over and across other lands owned by the grantor, Tom Yururu Kondo and Jessie Miyuko Kondo and Motoe Kondo and Koma Kondo, granted to the State of Washington by instrument recorded November 17, 1959 under Auditor's No. 1872831. Said easement also recorded under Auditor's No. 1872825.

STATE OF Washington DEPT. OF REVENUE Conveyance Tax 75.00 NO. 10835

Dated October 24, 19 83

ACCEPTED AND APPROVED:

DARTH R. CASTAN

CHRIS PALZER

CATHY PALZER

STATE OF WASHINGTON } ss.
COUNTY OF KING

On this day personally appeared before me CHRIS PALZER & CATHY PALZER to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that THEY signed the same as THEIR free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 28th day of October, 1983.

Robbie Adler

Notary Public in and for the State of Washington, residing at Federal Way

STATE OF WASHINGTON } ss.
COUNTY OF

On this day of, 19, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared

and

to me known to be the President and Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at

4

Form No. W-960 Rev. 4-76

Commencing at the Southwest corner of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, said point being marked by a 4" X 4" hub on the center line of the Ardena County Road; thence North 0°00'15" West 906.93 feet along said center line to the Southeasterly right of way line of Pacific Highway; thence North 34°46'42" East 52.60 feet along said right of way line to the intersection with the East line of said County Road, the true point of beginning; thence South 0°00'15" East 50.00 feet along the East line of Ardena County Road as conveyed to Pierce County under Pierce County Auditor's No. 1448257; thence North 89°59'45" East 70.00 feet; thence North 52°32'37" East 82.08 feet; thence North 29°58'37" East 134.21 feet; thence North 61°52'10" West 88.00 feet to the Southeasterly right of way line of said Pacific Highway; thence South 29°58'55" West 128.28 feet along said right of way line; thence North 57°42'00" West 25.00 feet along said right of way line; thence South 33°19'05" West 71.70 feet, more or less along said Southeasterly right of way line of said Pacific Highway to the true point of beginning, in Pierce County, Washington.

EXHIBIT "A"

8803110353

VOL 474 PAGE 1924

THIS SPACE PROVIDED FOR RECORDER'S USE

88 MAR 11 PM 3:01

AUDITOR, PIERCE CO. WASH.

FILED FOR RECORD AT REQUEST OF

F.A.T. 309698 /
MAR 11 1988

WHEN RECORDED RETURN TO

Name H. A. Rendel
Address 7200 Pacific Highway E.
City, State, Zip Tacoma, Wa. 98424

ANY OPTIONAL PROVISION NOT INITIALED BY ALL PERSONS SIGNING THIS CONTRACT - - WHETHER INDIVIDUALLY OR AS AN OFFICER OR AGENT - - IS NOT A PART OF THIS CONTRACT.

REAL ESTATE CONTRACT
(RESIDENTIAL SHORT FORM)

1. PARTIES AND DATE. This Contract is entered into on March 09, 1988

between CHARLES E. JACKSON and KATHE H. JACKSON, husband and wife

as "Seller" and

H. A. RENDEL and ANITA RENDEL, husband and wife and MICHAEL RENDEL and KAREN RENDEL,

husband and wife as "Buyer."

2. SALE AND LEGAL DESCRIPTION. Seller agrees to sell to Buyer and Buyer agrees to purchase from Seller the following described real estate in Pierce County, State of Washington:

SEE LEGAL DESCRIPTION ATTACHED AND MADE A PART HERETO.

EXCISE TAX PAID $ 4531.50
Receipt No. 698686 Date 3-11-88
Pierce County
By ____ Auth. Sig

3. PERSONAL PROPERTY. Personal property, if any, included in the sale is as follows:

No part of the purchase price is attributed to personal property.

4. (a) PRICE. Buyer agrees to pay:

	$ 285,000.00	Total Price
Less	($ 70,000.00)	Down Payment
Less	($)	Assumed Obligation (s)
Results in	$ 215,000.00	Amount Financed by Seller.

(b) ASSUMED OBLIGATIONS. Buyer agrees to pay the above Assumed Obligation(s) by assuming and agreeing to pay that certain N/A (Mortgage, Deed of Trust, Contract) dated ____ recorded as AF# ____. Seller warrants the unpaid balance of said obligation is $____ which is payable$ ____ on or before the ____ day of ____, 19____, ____ (including/not) interest at the rate of ____% per annum on the declining balance thereof, and a like amount on or before the ____ day of each and every ____ (month, year) thereafter until paid in full.

N/A

Note: Fill in the date in the following two lines only if there is an early cash out date.

NOTWITHSTANDING THE ABOVE, THE ENTIRE BALANCE OF PRINCIPAL AND INTEREST IS DUE IN FULL NOT LATER THAN March 11, 19 2028

ANY ADDITIONAL ASSUMED OBLIGATIONS ARE INCLUDED IN ADDENDUM.

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CEJ 3-8-88

HAR KLR

(c) PAYMENT OF AMOUNT FINANCED BY SELLER.

Buyer agrees to pay the sum of $ 215,000.00 as follows: $ 2,000.00 or more at buyer's option on or before the 11th day of April, 19 88 (including/plus) interest from March 11, 1988 at the rate of 11.00 % per annum on the declining balance thereof; and a like amount or more on or before the 11th day of each and every month (month/year) thereafter until paid in full.

Note: Fill in the date in the following two lines only if there is an early cash out date.

NOTWITHSTANDING THE ABOVE, THE ENTIRE BALANCE OF PRINCIPAL AND INTEREST IS DUE IN FULL NOT LATER THAN March 11 19 2028.

Payments are applied first to interest and then to principal. Payments shall be made at 763 Tule Lake Road, Tacoma, Wa. 98444 or such other place as the Seller may hereafter indicate in writing.

5. FAILURE TO MAKE PAYMENTS ON ASSUMED OBLIGATIONS. If Buyer fails to make any payments on assumed obligation(s), Seller may give written notice to Buyer that unless Buyer makes the delinquent payment(s) within fifteen (15) days, Seller will make the payment(s), together with any late charge, additional interest, penalties, and costs assessed by the Holder of the assumed obligation(s). The 15-day period may be shortened to avoid the exercise of any remedy by the holder of the assumed obligation. Buyer shall immediately after such payment by Seller reimburse Seller for the amount of such payment plus a late charge equal to five percent (5%) of the amount so paid plus all costs and attorneys' fees incurred by Seller in connection with making such payment. N/A

6. (a) OBLIGATIONS TO BE PAID BY SELLER. The Seller agrees to continue to pay from payments received hereunder the following obligation, which obligation must be paid in full when Buyer pays the purchase price in full: N/A

That certain N/A (Mortgage, Deed of Trust, Contract) dated _____, recorded as AF # _____.

ANY ADDITIONAL OBLIGATIONS TO BE PAID BY SELLER ARE INCLUDED IN ADDENDUM.

(b) EQUITY OF SELLER PAID IN FULL. If the balance owed the Seller on the purchase price herein becomes equal to the balances owed on prior encumbrances being paid by Seller, Buyer will be deemed to have assumed said encumbrances as of that date. Buyer shall thereafter make payments direct to the holders of said encumbrances and make no further payments to Seller. Seller shall at that time deliver to Buyer a fulfillment deed in accordance with the provisions of Paragraph 8.

(c) FAILURE OF SELLER TO MAKE PAYMENTS ON PRIOR ENCUMBRANCES. If Seller fails to make any payments on any prior encumbrance, Buyer may give written notice to Seller that unless Seller makes the delinquent payments within 15 days, Buyer will make the payments together with any late charge, additional interest, penalties, and costs assessed by the holder of the prior encumbrance. The 15-day period may be shortened to avoid the exercise of any remedy by the holder of the prior encumbrance. Buyer may deduct the amounts so paid plus a late charge of 5% of the amount so paid and any attorneys' fees and costs incurred by Buyer in connection with the delinquency from payments next becoming due Seller on the purchase price. In the event Buyer makes such delinquent payments on three occasions, Buyer shall have the right to make all payments due thereafter direct to the holder of such prior encumbrance and deduct the then balance owing on such prior encumbrance from the then balance owing on the purchase price and reduce periodic payments on the balance due Seller by the payments called for in such prior encumbrance as such payments become due.

7. OTHER ENCUMBRANCES AGAINST THE PROPERTY. The property is subject to encumbrances including the following listed tenancies, easements, restrictions and reservations in addition to the obligations assumed by Buyer and the obligations being paid by Seller:

SEE EXHIBIT "B" ATTACHED AND MADE A PART HERETO.

ANY ADDITIONAL NON-MONETARY ENCUMBRANCES ARE INCLUDED IN ADDENDUM.

8. FULFILLMENT DEED. Upon payment of all amounts due Seller, Seller agrees to deliver to Buyer a Statutory Warranty Deed in fulfillment of this Contract. The covenants of warranty in said deed shall not apply to any encumbrances assumed by Buyer or to defects in title arising subsequent to the date of this Contract by, through or under persons other than the Seller herein. Any personal property included in the sale shall be included in the fulfillment deed.

~~9. LATE CHARGES. If any payment on the purchase price is not made within ten (10) days after the date it is due, Buyer agrees to pay a late charge equal to 5% of the amount of such payment. Such late payment charge shall be in addition to all other remedies available to Seller and the first amounts received from Buyer after such late charges are due shall be applied to the late charges.~~ N/A

10. NO ADVERSE EFFECT ON PRIOR ENCUMBRANCES. Seller warrants that entry into this Contract will not cause in any prior encumbrance (a) a breach, (b) accelerated payments, or (c) an increased interest rate; unless (a), (b) or (c) has been consented to by Buyer in writing.

11. POSSESSION. Buyer is entitled to possession of the property from and after the date of this Contract, or at closing or as agreed, 19____, whichever is later, subject to any tenancies described in Paragraph 7.

8803110353

12. TAXES, ASSESSMENTS AND UTILITY LIENS. Buyer agrees to pay by the date due all taxes and assessments becoming a lien against the property after the date of this Contract. Buyer may in good faith contest any such taxes or assessments so long as no forfeiture or sale of the property is threatened as the result of such contest. Buyer agrees to pay when due any utility charges which may become liens superior to Seller's interest under this Contract. If real estate taxes and penalties are assessed against the property subsequent to date of this Contract because of a change in use prior to the date of this Contract for Open Space, Farm, Agricultural or Timber classifications approved by the County or because of a Senior Citizen's Declaration to Defer Property Taxes filed prior to the date of this Contract, Buyer may demand in writing payment of such taxes and penalties within 30 days. If payment is not made, Buyer may pay and deduct the amount thereof plus 5% penalty from the payments next becoming due Seller under the Contract.

13. INSURANCE. Buyer agrees to keep all buildings now or hereafter erected on the property described herein continuously insured under fire and extended coverage policies in an amount not less than the balances owed on obligations assumed by Buyer plus the balance due Seller, or full insurable value, whichever is lower. All policies shall be held by the Seller and be in such companies as the Seller may approve and have loss payable first to any holders of underlying encumbrances, then to Seller as their interests may appear and then to Buyer. Buyer may within 30 days after loss negotiate a contract to substanially restore the premises to their condition before the loss. If the insurance proceeds are sufficient to pay the contract price for restoration or if the Buyer deposits in escrow any deficiency with instructions to apply the funds on the resortation contract, the property shall be restored unless the underlying encumbrances provide otherwise. Otherwise the amount collected under any insurance policy shall be applied upon any amounts due hereunder in such order as the Seller shall determine. In the event of forfeiture, all rights of Buyer in insurance policies then in force shall pass to Seller.

14. NONPAYMENT OF TAXES, INSURANCE AND UTILITIES CONSTITUTING LIENS. If Buyer fails to pay taxes or assessments, insurance premiums or utility charges constituting liens prior to Seller's interest under this Contract, Seller may pay such items and Buyer shall forthwith pay Seller the amount thereof plus a late charge of 5% of the amount thereof plus any costs and attorney's fees incurred in connection with making such payment.

15. CONDITION OF PROPERTY. Buyer accepts the property in its present condition and acknowledges that Seller, his agents and subagents have made no representation or warranty concerning the physical condition of the property or the uses to which it may be put other than as set forth herein. Buyer agrees to maintain the property in such condition as complies with all applicable laws.

16 RISK OF LOSS. Buyer shall bear the risk of loss for destruction or condemnation of the property. Any such loss shall not relieve Buyer from any of Buyer's obligations pursuant to this Contract.

17. WASTE. Buyer shall keep the property in good repair and shall not commit or suffer waste or willful damage to or destruction of the property. Buyer shall not remove commercial timber without the written consent of Seller.

18. AGRICULTURAL USE. If this property is to be used principally for agricultural purposes, Buyer agrees to conduct farm and livestock operations in accordance with good husbandry practices. In the event a forfeiture action is instituted, Buyer consents to Seller's entry on the premises to take any reasonable action to conserve soil, crops, trees and livestock.

19. CONDEMNATION. Seller and buyer may each appear as owners of an interest in the property in any action concerning condemnation of any part of the property. Buyer may within 30 days after condemnation and removal of improvements, negotiate a contract to substantially restore the premises to their condition before the removal. If the condemnation proceeds are sufficient to pay the contract price for restoration or if the Buyer deposits in escrow any deficiency with instructions to apply the funds on the restoration contract, the property shall be restored unless underlying encumbrances provide otherwise. Otherwise, proceeds of the award shall be applied in payment of the balance due on the purchase price, as Seller may direct.

20. DEFAULT. If the Buyer fails to observe or perform any term, covenant or condition of this Contract, Seller may:

(a) **Suit for Installments.** Sue for any delinquent periodic payment; or

(b) **Specific Performance.** Sue for specific performance of any of Buyer's obligations pursuant to this Contract; or

(c) **Forfeit Buyer's Interest.** Forfeit this Contract pursuant to Ch. 61.30, RCW, as it is presently enacted and may hereafter be amended. The effect of such forfeiture includes: (i) all right, title and interest in the property of the Buyer and all persons claiming through the Buyer shall be terminated; (ii) the Buyer's rights under the Contract shall be cancelled; (iii) all sums previously paid under the Contract shall belong to and be retained by the Seller or other person to whom paid and entitled thereto; (iv) all improvements made to and unharvested crops on the property shall belong to the Seller; and (v) Buyer shall be required to surrender possession of the property, improvements, and unharvested crops to the Seller 10 days after the forfeiture.

(d) **Acceleration of Balance Due.** Give Buyer written notice demanding payment of said delinquencies and payment of a late charge of 5% of the amount of such delinquent payments and payment of Seller's reasonable attorney's fees and costs incurred for services in preparing and sending such Notice and stating that if payment pursuant to said Notice is not received within thirty (30) days after the date said Notice is either deposited in the mail addressed to the Buyer or personally delivered to the Buyer, the entire balance owing, including interest, will become immediately due and payable. Seller may thereupon institute suit for payment of such balance, interest, late charge and reasonable attorneys' fees and costs.

21. RECEIVER. If Seller has instituted any proceedings specified in Paragraph 20 and Buyer is receiving rental or other income from the property, Buyer agrees that the appointment of a receiver for the property is necessary to protect Seller's interest.

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22. BUYER'S REMEDY FOR SELLER'S DEFAULT. If Seller fails to observe or perform any term, covenant or condition of this Contract, Buyer may, after 30 days' written notice to Seller, institute suit for damages or specific performance unless the breaches designated in said notice are cured.

23. NON-WAIVER. Failure of either party to insist upon strict performance of the other party's obligations hereunder shall not be construed as a waiver of strict performance thereafter of all of the other party's obligations hereunder and shall not prejudice any remedies as provided herein.

24. ATTORNEYS' FEES AND COSTS. In the event of any breach of this Contract, the party responsible for the breach agrees to pay reasonable attorneys' fees and costs, including costs of service of notices and title searches, incurred by the other party. The prevailing party in any suit instituted arising out of this Contract and in any forfeiture proceedings arising out of this Contract shall be entitled to receive reasonable attorneys' fees and costs incurred in such suit or proceedings.

25. NOTICES. Notices shall be either personally served or shall be sent certified mail, return receipt requested and by regular first class mail to Buyer at 7200 Pacific Highway E., Tacoma, Wa. 98424 _____, and to Seller at 763 Tule Lake Road, Tacoma, Wa. 98444 _____, or such other addresses as either party may specify in writing to the other party. Notices shall be deemed given when served or mailed. Notice to Seller shall also be sent to any institution receiving payments on the Contract.

26. TIME FOR PERFORMANCE. Time is of the essence in performance of any obligations pursuant to this Contract.

27. SUCCESSORS AND ASSIGNS. Subject to any restrictions against assignment, the provisions of this Contract shall be binding on the heirs, successors and assigns of the Seller and the Buyer.

28. OPTIONAL PROVISION - - SUBSTITUTION AND SECURITY ON PERSONAL PROPERTY. Buyer may substitute for any personal property specified in Paragraph 3 herein other personal property of like nature which Buyer owns free and clear of any encumbrances. Buyer hereby grants Seller a security interest in all personal property specified in Paragraph 3 and future substitutions for such property and agrees to execute a financing statement under the Uniform Commercial Code reflecting such security interest.

SELLER	INITIALS:	BUYER
N/A		N/A

29. OPTIONAL PROVISION - - ALTERATIONS. Buyer shall not make any substantial alteration to the improvements on the property without the prior written consent of Seller, which consent will not be unreasonably withheld.

SELLER	INITIALS:	BUYER
N/A		N/A

30. OPTIONAL PROVISION - - DUE ON SALE. If Buyer, without written consent of Seller, (a) conveys, (b) sells, (c) leases, (d) assigns, (e) contracts to convey, sell, lease or assign, (f) grants an option to buy the property, (g) permits a forfeiture or foreclosure or trustee or sheriff's sale of any of the Buyer's interest in the property or this Contract, Seller may at any time thereafter either raise the interest rate on the balance of the purchase price or declare the entire balance of the purchase price due and payable. If one or more of the entities comprising the Buyer is a corporation, any transfer or successive transfers in the nature of items (a) through (g) above of 49% or more of the outstanding capital stock shall enable Seller to take the above action. A lease of less than 3 years (including options for renewals), a transfer to a spouse or child of Buyer, a transfer incident to a marriage dissolution or condemnation, and a transfer by inheritance will not enable Seller to take any action pursuant to this Paragraph; provided the transferee other than a condemnor agrees in writing that the provisions of this paragraph apply to any subsequent transaction involving the property entered into by the transferee.

SELLER	INITIALS:	BUYER
N/A		N/A

31. OPTIONAL PROVISION - - PRE-PAYMENT PENALTIES ON PRIOR ENCUMBRANCES. If Buyer elects to make payments in excess of the minimum required payments on the purchase price herein, and Seller, because of such prepayments, incurs prepayment penalties on prior encumbrances, Buyer agrees to forthwith pay Seller the amount of such penalties in addition to payments on the purchase price.

SELLER	INITIALS:	BUYER
N/A		N/A

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32. OPTIONAL PROVISION -- PERIODIC PAYMENTS ON TAXES AND INSURANCE. In addition to the periodic payments on the purchase price, Buyer agrees to pay Seller such portion of the real estate taxes and assessments and fire insurance premium as will approximately total the amount due during the current year based on Seller's reasonable estimate.

The payments during the current year shall be $ _____ per _____. Such "reserve" payments from Buyer shall not accrue interest. Seller shall pay when due all real estate taxes and insurance premiums, if any, and debit the amounts so paid to the reserve account. Buyer and Seller shall adjust the reserve account in April of each year to reflect excess or deficit balances and changed costs. Buyer agrees to bring the reserve account balance to a minimum of $10 at the time of adjustment.

SELLER	INITIALS:	BUYER
N/A		N/A

33. ADDENDA. Any addenda attached hereto are a part of this Contract.

34. ENTIRE AGREEMENT. This Contract constitutes the entire agreement of the parties and supercedes all prior agreements and understandings, written or oral. This Contract may be amended only in writing executed by Seller and Buyer.

IN WITNESS WHEREOF the parties have signed and sealed this Contract the day and year first above written.

SELLER	BUYER
Charles E. Jackson	H. A. Rendel
Kathe H. Jackson	Anita Rendel
	Michael Rendel
	Karen Rendel

STATE OF WASHINGTON }
COUNTY OF Pierce } ss.

On this day personally appeared before me CHARLES E. JACKSON and KATHE H. JACKSON to me know to be the individual described in and who executed the within and foregoing instrument, ~~and~~ acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 11th day of March 88

Notary Public in and for the State of Washington, residing at Puyallup

My Commission expires 2/20/89

STATE OF WASHINGTON }
COUNTY OF Pierce } ss.

On this 10th day of March 19 88 before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared H. A. RENDEL, ANITA RENDEL, MICHEL RENDEL, and KAREN RENDEL to me known to be the ~~President and Secretary of the corporation or individuals described in and that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed for the uses and purposes therein mentioned, in the said instrument.~~

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at Puyallup

My Commission expires on 7/3/88

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CEJ 3.11.9

HAR AMR AMR KLR

EXHIBIT "A"

That portion of the following described property lying between Primary State Highway No. 1 (Interstate 5) and Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, in Pierce County, Washington.

Beginning on the North line of the Southwest quarter of the Southwest quarter of said Section 5, at a point 761 feet West of the Northeast corner thereof; thence South parallel with the East line of said Southwest quarter of the Southwest quarter to the Northerly line of Puget Sound Electric Railway Co. right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Benson Road, said East line being 30 feet East of the West line of said Section 5; thence North on said East line of road to the South line of that certain property conveyed to Andrew J. Schilling et al, by deed recorded December 23, 1946 under Auditor's No. 1435837; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence North 52°32'37" East a distance of 82.08 feet; thence North 29°58'27" East a distance of 134.21 feet; thence North 61°52'10" West a distance of 88.00 feet to the Southeasterly right of way line of Pacific Highway South (Old Highway 99); thence on said Southeasterly line Northeasterly to the North line of the Southwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence East on said North line to the point of beginning.

EXCEPT all that portion conveyed to the State of Washington for Interstate Highway 5 by deed recorded November 14, 1959 under Auditor's No. 1872829.

ALSO EXCEPT those portions conveyed to the State of Washington for additional right of way for Pacific Highway South (Old Highway 99) by instrument recorded under Auditor's No. 957144.

EXHIBIT "B" Last half 1988 taxes and

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420053057
For: sanitary sewers
Payments delinquent: yes
Levied by: Pierce County
Principal Amount Now Owing: $22,430.73, according to the Pierce County Assessor/Treasurer's Rolls.

Assessment for drainage by District No. 23 for 1988, payable in the amount of $11.75.

Waiver of all claims for damages to adjacent property by reason of the construction and establishment of Adrena County Road as granted by instrument recorded May 2, 1947 under Auditor's No. 1448266.

Right of way for drainage ditch over and across the herein described property, as disclosed by Pierce County Superior Court Case No. 83639.

Easement to construct a channel change over and across the herein described property, together with the right of ingress and egress over and across this and other lands as granted to the State of Washington by instrument recorded under Auditor's No. 1872830.

Permit to waste, place and deposit earth materials upon the channel of Hylebos Creek as it flows over and across the herein described property, together with the rights of ingress and egress over this and other lands as granted to the State of Washington by instrument recorded November 17, 1959 under Auditor's No. 1872831.

Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington
Recorded: November 17, 1959
Auditor's No.: 1872829

Easement, and the Terms & Conditions thereof:
Grantee: Pierce County
Recorded: March 9, 1984
Auditor's No.: 8403090222
Purpose: construction, improvement, maintenance and repair of a sanitary sewer pipeline, manholes, and other appurtenant sewer structures
Area affected: a portion of the herein described property

Said lands lie within the Puyallup Indian Reservation and may be subject to Governmental regulation by the Puyallup Tribe of Indians.

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VOL 520 PAGE 1333

When recorded, return to:

88 DEC 8 P 3: 53

James M. Hushagen
EISENHOWER, CARLSON, NEWLANDS,
REHA, HENRIOT & QUINN
Attorneys at Law
1200 First Interstate Plaza
Tacoma, Washington 98402

PURCHASER'S ASSIGNMENT OF CONTRACT AND DEED

The Grantors, H. A. Rendel and Anita Rendel, husband and wife, and Michael Rendel and Karen Rendel, husband and wife, to correct the contract, convey and quit claim to H. A. Rendel and Anita Rendel, husband and wife, and Michael Rendel and Karen Rendel, husband and wife, as joint tenants with right of survivorship, the Grantees, the following described real estate, situated in the County of Pierce, State of Washington, together with all after-acquired title of the Grantors therein:

SEE EXHIBIT A

and do hereby assign, transfer and set over to the Grantees that certain real estate contract dated March 9, 1988 between Charles E. Jackson and Kathe H. Jackson, husband and wife, as seller, and H. A. Rendel and Anita Rendel, husband and wife, and Michael Rendel and Karen Rendel, husband and wife, as purchaser, for the sale and purchase of the above-described real estate. The Grantees hereby assume and agree to fulfill the conditions of the real estate contract.

The parties hereto intend that the survivorship provisions of the joint tenancy shall apply to the married couples as a unit and that, upon the death of both husband and wife in either of the married couples, with the husband and wife in the other married couple surviving, the joint tenancy with right of survivorship shall cease, and the surviving married couple shall hold the property as community property and not as joint tenants with right of survivorship.

EXCISE TAX PAID $ 0
Ro. No. 71394 Date 12-8-88
Pierce County
By Hgarrard Auth. Sig

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The real estate excise tax was paid on March 11, 1988, under receipt number 698686.

DATED November 14, 1988.

H. A. Rendel

Michael Rendel

Anita Rendel

Karen Rendel

STATE OF WASHINGTON)
: ss.
County of Pierce)

I certify that I know or have satisfactory evidence that H. A. Rendel and Anita Rendel, husband and wife, signed this instrument and acknowledged it to be their free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: November 14, 1988.

Signature of Notary Public
NOTARY PUBLIC
Title
7/12/89
My Appointment Expires

STATE OF WASHINGTON)
: ss.
County of Pierce)

I certify that I know or have satisfactory evidence that Michael Rendel and Karen Rendel, husband and wife, signed this instrument and acknowledged it to be their free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: November 16, 1988.

Signature of Notary Public
NOTARY PUBLIC Pierce County
Title
4-8-90
My Appointment Expires

5043d

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EXHIBIT "A"

That portion of the following described property lying between Primary State Highway No. 1 (Interstate 5) and Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, in Pierce County, Washington.

Beginning on the North line of the Southwest quarter of the Southwest quarter of said Section 5, at a point 761 feet West of the Northeast corner thereof; thence South parallel with the East line of said Southwest quarter of the Southwest quarter to the Northerly line of Puget Sound Electric Railway Co. right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Benson Road, said East line being 30 feet East of the West line of said Section 5; thence North on said East line of road to the South line of that certain property conveyed to Andrew J. Schilling et al, by deed recorded December 23, 1946 under Auditor's No. 1435857; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence North 52°32'37" East a distance of 82.08 feet; thence North 29°58'27" East a distance of 134.21 feet; thence North 61°52'10" West a distance of 88.60 feet to the Southeasterly right of way line of Pacific Highway South (Old Highway 99); thence on said Southeasterly line Northeasterly to the North line of the Southwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence East on said North line to the point of beginning.

EXCEPT all that portion conveyed to the State of Washington for Interstate Highway 5 by deed recorded November 14, 1959 under Auditor's No. 1872829.

ALSO EXCEPT those portions conveyed to the State of Washington for additional right of way for Pacific Highway South (Old Highway 99) by instrument recorded under Auditor's No. 957144.

EXHIBIT "B" Last Half 1988 taxes and

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420053057
For: sanitary sewers
Payments delinquent: yes
Levied by: Pierce County
Principal Amount Now Owing: $22,430.73, according to the Pierce County Assessor/Treasurer's Rolls.

Assessment for drainage by District No. 23 for 1988, payable in the amount of $11.75.

Waiver of all claims for damages to adjacent property by reason of the construction and establishment of Adrena County Road as granted by instrument recorded May 2, 1947 under Auditor's No. 1448266.

Right of way for drainage ditch over and across the herein described property, as disclosed by Pierce County Superior Court Case No. 83639.

Easement to construct a channel change over and across the herein described property, together with the right of ingress and egress over and across this and other lands as granted to the State of Washington by instrument recorded under Auditor's No. 1872830.

Permit to waste, place and deposit earth materials upon the channel of Hylebos Creek as it flows over and across the herein described property, together with the rights of ingress and egress over this and other lands as granted to the State of Washington by instrument recorded November 17, 1959 under Auditor's No. 1872831.

Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington
Recorded: November 17, 1959
Auditor's No.: 1872829

Easement, and the Terms & Conditions thereof:
Grantee: Pierce County
Recorded: March 9, 1984
Auditor's No.: 8403090222
Purpose: construction, improvement, maintenance and repair of a sanitary sewer pipeline, manholes, and other appurtenant sewer structures
Area affected: a portion of the herein described property

Said lands lie within the Puyallup Indian Reservation and may be subject to Governmental regulation by the Puyallup Tribe of Indians.

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92 JUN 23 AM 11:53
RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

After Recording Return to:

KENYON E. LUCE, P.S.
5308 - 12th Street East
Tacoma, WA 98424

RTC 9140505

STATUTORY WARRANTY DEED

THE GRANTOR, KATHE H. JACKSON, whose spouse is CHARLES E. JACKSON, as her separate property,

for and in consideration of fulfillment of Real Estate Contract recorded March 11, 1988, under Pierce County Auditor's Fee No. 8803110353,

in hand paid, conveys and warrants to H. A. RENDEL and ANITA RENDEL, husband and wife; and MICHAEL RENDEL and KAREN RENDEL, husband and wife,

the following described real estate, situated in the County of Pierce, State of Washington:

See legal description attached hereto as Exhibit "A".

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated March 9, 1988, and conditioned for the conveyance of the above-described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract. (Charles E. Jackson's seller's interest in the above contract was assigned to Kathe H. Jackson October 8, 1991, Recording No. 9111040254.)

Real Estate Sales Tax was paid on this sale on March 11, 1988, Rec. No. ~~488931~~. 698686

Dated this 10 June 92 day of June, 1992.

Kathe H. Jackson
KATHE H. JACKSON

STATE OF WASHINGTON)
) ss
County of PIERCE)

On this day personally appeared before me KATHE H. JACKSON, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 10 day of June 1992.

Notary Public in and for the State of Washington, residing at Graham
My commission expires: 6/30/94

RLST:md\6.10.92
JACKSON.SWD

EXCISE TAX PAID $ Prior
Re. No. 698686 Date 6-23-92
Pierce County
By E Drury Auth. Sig

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EXHIBIT "A"

That portion of the following described property lying between Primary State Highway No. 1 (Interstate 5) and Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, in Pierce County, Washington.

Beginning on the North line of the Southwest quarter of the Southwest quarter of said Section 5, at a point 761 feet West of the Northeast corner thereof; thence South parallel with the East line of said Southwest quarter of the Southwest quarter to the Northerly line of Puget Sound Electric Railway Co. right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Benson Road, said East line being 30 feet East of the West line of said Section 5; thence North on said East line of road to the South line of that certain property conveyed to Andrew J. Schilling et al, by deed recorded December 23, 1946 under Auditor's No. 1435837; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence North 52°32'37" East a distance of 82.08 feet; thence North 29°58'27" East a distance of 134.21 feet; thence North 61°52'10" West a distance of 88.00 feet to the Southeasterly right of way line of Pacific Highway South (Old Highway 99); thence on said Southeasterly line Northeasterly to the North line of the Southwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence East on said North line to the point of beginning.

EXCEPT all that portion conveyed to the State of Washington for Interstate Highway 5 by deed recorded November 14, 1959 under Auditor's No. 1872829.

ALSO EXCEPT those portions conveyed to the State of Washington for additional right of way for Pacific Highway South (Old Highway 99) by instrument recorded under Auditor's No. 957144.

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420055057
For: sanitary sewers

Waiver of all claims for damages to adjacent property by reason of the construction and establishment of Adrena County Road as granted by instrument recorded May 2, 1947 under Auditor's No. 1448266.

Right of way for drainage ditch over and across the herein described property, as disclosed by Pierce County Superior Court Case No. 83639.

Easement to construct a channel change over and across the herein described property, together with the right of ingress and egress over and across this and other lands as granted to the State of Washington by instrument recorded under Auditor's No. 1872830.

Permit to waste, place and deposit earth materials upon the channel of Hylebos Creek as it flows over and across the herein described property, together with the rights of ingress and egress over this and other lands as granted to the State of Washington by instrument recorded November 17, 1959 under Auditor's No. 1872831.

Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington
Recorded: November 17, 1959
Auditor's No.: 1872829

Easement, and the Terms & Conditions thereof:
Grantee: Pierce County
Recorded: March 9, 1984
Auditor's No.: 8403090222
Purpose: construction, improvement, maintenance and repair of a sanitary sewer pipeline, manholes, and other appurtenant sewer structures
Area affected: a portion of the herein described property

Said lands lie within the Puyallup Indian Reservation and may be subject to Governmental regulation by the Puyallup Tribe of Indians.

AUDITOR'S NOTE
LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

9003190281

VOL. 0598 PAGE 3245

THIS SPACE PROVIDED FOR RECORDER'S USE

90 MAR 19 AM 11:08

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

FILED FOR RECORD AT REQUEST OF

F.A.T.
324871-1
MAR 19 1990

WHEN RECORDED RETURN TO

Name Herbert A. Rendel
Address 7200 Pacific Hwy. E.
City, State, Zip Tacoma, Wa. 98454
904313MW
324871

LPB-45

REAL ESTATE CONTRACT
(LONG FORM)

I. SPECIFIC TERMS

A. PARTIES, PROPERTY AND PURCHASE PRICE:

Date: March 12, 19 90

Seller: DARTH R. CASTAN, a single man, as his separate estate

Seller's Address: 7014 Pacific Hwy. E.
Tacoma, Wa. 98424

Purchaser: HERBERT A. RENDEL and A. M. RENDEL, husband and wife

Purchaser's Address: 7200 Pacific Hwy. E.
Tacoma, Wa. 98454

Real Property Legal Description: SEE LEGAL DESCRIPTION ATTACHED AND MADE A PART HERETO AS EXHIBIT "A"

EXCISE TAX PAID $ 1759.50
Re. No. 750560 Date 3-19-90
Pierce County
By [signature] Auth. Sig

Personal Property: Land Only

Title to be Conveyed: when contract is paid in full

Form of Deed: Statutory Warranty Fulfillment Deed

Title Exceptions (include leases): 1990 and all future taxes, ULID NO. 82-1 No. 0420053018 and ULID NO. 82-1 No. 0420053054 Nos. 15, 16, 17, 18, 19 and Note 2 of Title Report 324871 dated March 5, 1990, Attached and made a part hereto as Exhibit "B"

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Amount Which Has Been Paid to Seller: $ 55,000.00 U.S.

Balance Due: $ 60,000.00 U.S.

Purchaser to Pay to Seller: $ 60,000.00 U.S.

Purchaser to Pay Directly to Holders of Prior Encumbrances: $ U.S.

TOTAL PURCHASE PRICE: $ U.S.

B. TERMS OF DEFERRED AMOUNT TO BE PAID TO SELLER:

Interest Rate: twelve (12%) percent per annum

Installment Periods: paments to be made monthly

First Installment Date: April 15, 19 90

Installment Amounts: $ 625.00 U.S.

Final Payment Date: February 20, XX 2016

Default Rate: N/A percent per annum

Late Charge: N/A

Prepayment Provisions: Contract may be paid at any time, however, it must be paid in full by March 15, 2000.

Prepayment Premium: N/A

Address to which Installment Amounts are to be Sent:

C. TERMS OF PRIOR ENCUMBRANCES

Prior Encumbrance:

To be Paid By: ☒ Seller ☐ Purchaser

Current Holder: Chris Palzer and Cathy Palzer

Original Principal Amount: $ 59,500.00 U.S.

Interest Rate: twelve (12%) percent per annum

Current Principal Balance: $ 56,073.82 U.S.

Payment Dates: monthly

Amount of Each Payment: $ $612.00

Secured By: Deed of Trust

Dated October 24, 19 83

Recorded on October 31 19 83

Recording No. 8310310299

Prior Encumbrance:

To be Paid By: ☐ Seller ☐ Purchaser

Current Holder:

Original Principal Amount: $ U.S.

Interest Rate: percent per annum

Current Principal Balance: $ U.S.

Payment Dates:

Amount of Each Payment: $

Secured By:

Dated , 19

Recorded on , 19

Recording No.

Prior Encumbrance:

To be Paid By: ☐ Seller ☐ Purchaser

Current Holder:

Original Principal Amount: $ U.S.

Interest Rate: percent per annum

Current Principal Balance: $ U.S.

Payment Dates:

Amount of Each Payment: $

Secured By:

Dated , 19

Recorded on , 19

Recording No.

9003190281

D. MISCELLANEOUS:

Portion of Purchase Price Allocated to Real Property: $ 115,000.00 U.S.

Portion of Purchase Price Allocated to Personal Property: $ N/A U.S.

Is the Property to be used principally for agricultural or farming purposes? ☐ Yes ☒ No.

Miscellaneous: (Identify any Exhibits attached)

Seller is to have six months rent free from time of closing and an option to lease a part of property thereafter for a period of one (1) year. A separate agreement and ground lease shall be signed at closing for property lease at $500.00 per month.

THE SELLER AND THE PURCHASER HEREBY AGREE TO THE TERMS HEREINABOVE SET FORTH AND THE COVENANTS AND CONDITIONS CONTAINED IN THE ATTACHED GENERAL TERMS, ALL OF WHICH ARE INCORPORATED BY THIS REFERENCE. IN THE EVENT OF ANY CONFLICT OR INCONSISTENCY BETWEEN THE SPECIFIC TERMS (INCLUDING ANY EXHIBITS ATTACHED) AND THE GENERAL TERMS, THE FORMAER SHALL CONTROL.

IN WITNESS WHEREOF, the seller and the Purchaser have executed this agreement as of the date first above stated.

SELLER

Darth R. Castan

PURCHASER

Herbert A. Rendel

A. M. Rendel

STATE OF WASHINGTON }
ss.
COUNTY OF Pierce }

On this day personally appeared before me DARTH R. CASTAN, HERBERT A. RENDEL and A. M. RENDEL to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 15th day of March, 90

Notary Public in and for the State of Washington, residing at Bellingham

My Commission expires 8/30/91

STATE OF WASHINGTON }
ss.
COUNTY OF _____ }

On this _____ day of _____, 19 _____ before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared _____ and _____ to me known to be the _____ and _____, respectively, of _____, the _____ that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said _____ for the uses and purposes therein mentioned, and on oath stated that _____ authorized to execute the said instrument.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at _____

My Commission expires on _____ 90031[illegible]281

II. GENERAL TERMS

1. **AGREEMENT OF SALE.** The Seller agrees to sell and the Purchaser agrees to purchase all that certain Real Property and Personal Property (collectively the "Property") described in this contract, subject to the Title Exceptions listed in the Specific Terms hereof, to any of the Prior Encumbrances so listed which are not required to be discharged by the Seller prior to or at the time of the delivery of the Seller's deed to the Purchaser, and to any rights, titles, estates, leases, encumbrances and other interests suffered or created by the Purchaser, all for the considerations and subject to the terms, covenants and conditions herein contained.

2. **PURCHASE PRICE.** The Purchaser agrees to pay the Purchase Price to the order of the Seller in the manner set forth in the Specific Terms. The deferred portion of the Purchase Price which the Purchaser is to pay the Seller shall be paid in the Installment Amounts, commencing on the First Installment Date and continuing on the same day of each Installment Period thereafter until the Final Payment Date, at which time all outstanding principal, together with accrued and unpaid interest thereon, shall be due and payable. Each payment of the Installment Amounts shall be first applied against the costs, expenses and late charges for which the Purchaser is then liable hereunder, secondly against interest, and thirdly against the principal then due to the Seller. Interest shall continue to accrue until the Seller receives all of the principal, and any sums not paid within fifteen (15) days after their respective due dates shall bear the Late Charge set forth in the Specific Terms. At any time during the term of this contract, the Seller or the Purchaser shall have the right to require that all subsequent payments of Installment Amounts and sums for any tax or insurance reserve accounts be made through an escrow or collection account, the costs of which shall be borne by the requesting party unless otherwise agreed.

3. **PRIOR ENCUMBRANCES.** If this contract is being executed subject to any Prior Encumbrance, the Purchase Price is partially comprised of the principal due under the Prior Encumbrances as of the date hereof. The Seller hereby represents to the Purchaser that no Prior Encumbrance provides that it will become in default or accelerated or the interest rate thereon adjusted above the interest rate stated therefor in the Specific Terms hereof because of the execution, delivery and recordation of this contract. The Purchaser agrees with the Seller to comply with all of the terms of the Prior Encumbrances, including such obligations as may be in addition to those contained in or which may otherwise limit its rights under this contract, and the Purchaser hereby agrees to defend and indemnify the Seller from and against all losses, claims, demands and allegations arising as a result of the Purchaser's failure to comply with the Prior Encumbrances. In the event either of the parties hereto gives or receives a written notice to or from the holder of a Prior Encumbrance it will promplty transmit a copy of such notice to the other. The Specific Terms of this contract indicate the person responsible for tendering the amounts due to the holders of the Prior Encumbrances, and the two subparagraphs "(a)" and "(b)" immediately following this paragraph apply to said payments to be made by the Purchaser or the Seller, respectively.

(a) **Purchaser Pays Directly.** If it is indicated in the Specific Terms of this contract that the Purchaser is to pay any Prior Encumbrances directly to the holder thereof, the Purchaser hereby assumes and covenants and agrees with the Seller to make such payments on their respective due dates and any failure of the Purchaser to do so shall constitute a default under this contract. Said payments shall be in addition to the Installment Amounts. The Purchaser shall be solely responsible for paying any reserve amounts for taxes, insurance premiums or other purposes to which the holder of any Prior Encumbrance is entitled.

(b) **Seller Pays if Purchaser is Not In Default.** If it is indicated in the Specific Terms of this contract that the Seller is to continue to pay any Prior Encumbrances, the Installment Amounts include amounts to be used to make payments on said Prior Encumbrances (the "Wrapped Encumbrances"). The Purchaser, in addition to the installments of principal and interest hereinabove provided for, and to the extent required from time to time by the holders of the Wrapped Encumbrances, shall pay to the Seller with and in addition to each of the Installment Amounts hereunder an amount sufficient to satisfy all tax, insurance and other reserve deposits to which such holder is entitled and which are payable prior to the next due date of said installments. So long as the Purchaser is in no manner in default hereunder, the Seller shall make or cause to be made all of the payments of principal, interest and any reserve deposits required under the Wrapped Encumbrances as they become due and in accordance with their respective payment terms. The Purchaser shall not attempt to make any payment directly to the holder of any Wrapped Encumbrance or to in any way modify the terms thereof prior to the satisfaction of that portion of the indebtedness evidenced hereby which is to be retained by the Seller; provided, however, if the Seller fails to make any payment when due under any Wrapped Encumbrance the Purchaser may, upon first giving the Seller fifteen (15) days' written notice of its intent to do so and if such failure is not rectified within that period, pay the delinquent installment, and any penalties, late charges or additional interest due thereon and such other costs that are required by the holder of such Wrapped Encumbrance to cure such default, directly to the holder of the Wrapped Encumbrance in default and deduct from the Installment Amounts next due under this contract the amounts so expended, together with interest thereon at the Default Rate from the date of such payment to the date the Purchaser is reimbursed or the due date of the sum against which such offset is taken. Said notice period may be reduced if necessary to avoid the exercise of any remedy by the holder of such Wrapped Encumbrance. In the event the Seller fails to make such payments on three or more occasions, the Purchaser shall have the right to make all ensuing payments due under any of the Wrapped Encumbrances directly to the holder thereof and to deduct the same from the next Installment Amounts due under this contract by the amounts so paid. The Seller agrees to indemnify the Purchaser from and against all costs and expenses, including attorneys' fees, which are reasonably incurred by the Purchaser as a result of any failure of the Seller to perform its obligations under this subparagraph. The Seller shall promptly reimburse the Purchaser for any credit or reimbursement which the Seller receives from the holder of any Wrapped Encumbrance which results from any excess payment by the Purchaser into a tax, insurance or other reserve account.

After the Purchaser has paid the Seller all amounts due under this contract, excepting only the nondelinquent principal balances due under the Prior Encumbrances to be paid directly by the Purchaser, the Purchaser shall make all remaining payments due under said Prior Encumbrances to the holders thereof and shall indemnify and hold the Seller harmless from any failure or alleged failure on the part of the Purchaser to comply with any of the terms, covenants or conditions thereof, and the Seller shall be subrogated to the rights of the holders of said Prior Encumbrances to the extent the Seller makes any further payments thereon as a result of the Purchaser's default. The covenants in this paragraph shall survive the delivery of the Seller's deed and bill of sale to the Purchaser.

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4. **PREPAYMENTS.** If prepayment is permitted by all Prior Encumbrances, or if the holders of all of the Prior Encumbrances consent thereto, the Purchaser may prepay the entire amount remaining due hereunder when that portion of the prepayment which is due to the Seller is accompanied by all interest then due to the Seller and any Purchase Price Prepayment Premium. If any prepayment to the holder of any Prior Encumbrance also requires a prepayment premium, the Purchaser shall pay the same if it is imposed as a result of the Purchaser's prepayment or default. If any Prior Encumbrance does not permit prepayment and the holder thereof does not consent thereto, and if the Purchaser desires to prepay that portion of the Purchase Price which is not encompassed by the principal balance then due under said Prior Encumbrance, the Purchaser may prepay to the Seller the balance of that portion of the Purchase Price which is not then due to the holder of said Prior Encumbrance; provided, however, said partial prepayment need not be accepted by the Seller unless the Purchaser expressly assumes and agrees in writing to pay and perform the then remaining obligations secured by said Prior Encumbrance. If this contract is so partially prepaid, the Purchase Price Prepayment Premium, if otherwise calculated on the entire purchase price, shall be reduced to correspond to the ratio of the amount being prepaid to the Seller to the total amount of the then outstanding principal balance of the Purchase Price. The Seller shall not be required to accept any prepayments which do not conform to the requirements of this paragraph unless and to the extent prepayment is otherwise provided for in the Specific Terms of this contract. Except when otherwise stated herein, any Prepayment Premium provided for in this contract shall apply to any sums received by the Seller in advance of their original due date, whether voluntarily made by the Purchaser or as a result of the exercise of any remedy by the Seller; provided, however, the Prepayment Premium shall not be required for any voluntary prepayment made within thirty (30) days of the Final Payment Date if preceded by not less than ten (10) days written notice.

5. **RETENTION OF TITLE AND SECURITY.** Except as otherwise provided herein, the Seller's title to the Property and any substitutions thereof shall remain in the Seller until the Purchaser receives delivery of the Seller's deed. In addition thereto, the Purchaser hereby grants to the Seller a security interest in all condemnation awards and insurance proceeds relating to the Property and all of the rights, titles and interests in the Personal Property conveyed by this contract and subsequently acquired by Purchaser in substitution thereof as security for the performance of the Purchaser's obligations herein, and the Purchaser hereby assigns to the Seller all rents and security deposits derived from or relating to the Property and, except for the initial partial month's and last month's rent, covenants not to collect any rents which are attributable to more than one month of the unexpired lease term. The Purchaser agrees to deliver to the Seller such further assurances and UCC financing statements and statements of continuation which the Seller requests to further evidence, perfect or confirm its rights under this contract. The Purchaser agrees with the Seller that it shall comply with the terms of all leases of the Property, and shall, upon written request, promptly notify the Seller of any alleged defaults therein by the Purchaser or any tenant. After all sums evidenced by this contract due to the Seller have been paid, the Seller shall deliver its fulfillment deed and bill of sale to the Purchaser in the form and subject to the exceptions herein agreed to. In the event any escrow account is established for this contract, said deed and bill of sale shall be executed and placed with the escrow agent promptly following the opening of said account with instructions to deliver them to the Purchaser when entitled thereto.

6. **POSSESSION.** From and after the date of this contract, and subject to the rights of tenants under the leases identified as Title Exceptions, the Purchaser may enter upon and take possession of the Property and, irrespective of the assignments and security interests granted in this contract, enjoy the use, rents (to the extent permitted to be collected herein), issues and profits thereof so long as such rights have not been affected by the exercise of any remedy of the Seller.

7. **TAXES AND ASSESSMENTS.** In addition to the payments hereinabove provided for, and except as otherwise discharged through any reserve account, the Purchaser shall pay before delinquency all real and personal property taxes, all general and special assessments and all other charges of whatsoever kind or nature levied or assessed by any lawful authority upon or against the Property or the use thereof to the extent the same or any installments thereof are attributable to the period following the date of this contract. The prorated portion of said taxes, assessments and charges which are attributable to any period prior to the date of this contract, excluding taxes for such period assessed because of the reclassification of the use of the Property by the Purchaser or any successor of the Purchaser, shall be paid before delinquency by the Seller. Said periods shall be determined by reference to the year in which the taxes, assessments and charges are required to be paid. If the Purchaser fails to so pay real property taxes or assessments and such failure is not rectified within fifteen (15) days following Seller's written demand to do so, and if such failure occurs two (2) or more times during the term of this contract, the Seller may, for the remaining term of this contract, require the Purchaser to deposit with each Installment Amount an amount reasonably estimated by the Seller to be necessary to discharge the real property taxes and assessments next due, said estimates to be adjusted by the Seller to reflect the actual amount of such liabilities each time the Real Property is reassessed and a copy of such reassessment is given to the Seller. The amounts so paid which have not been applied against such liabilitites shall be returned to the Purchaser with the delivery of the Seller's deed to the Purchaser. The Seller shall not be liable for interest on said deposits. If not retained in an escrow or collection account said funds shall be maintained by the Seller in a segregated account and expended for no other purpose, with interest earned thereon, if any, being added to the sums so held; provided, however, this account may be commingled with any insurance reserve account under this contract. The provisions of this paragraph to the contrary notwithstanding, either party shall have the right to contest in good faith any tax or assessment which may have been or is hereafter levied against the Property or any portion thereof so long as no portion of the Property is threatened with any tax forfeiture or sale as the result of such contest. So long as such contest is pursued in good faith, the nonpayment of the amounts in dispute shall not constitute a default under this contract or afford the Seller the right to require tax reserve payments.

8. **INDEMNIFICATION AND INSURANCE.** The Purchaser shall and hereby covenants and agrees to indemnify and hold the Seller harmless for any losses, damages, costs, claims and liabilities, including attorneys' fees, caused by any negligent, reckless or intentional act of or negligent or reckless failure to act by the Purchaser or any of its agents, servants, employees, independent contractors, invitees or licensees on, about or with respect to the Property, and for any breach of this contract by the Purchaser or any of such persons, and this covenant of indemnification shall survive the delivery of the Seller's deed to the Purchaser.

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The Purchaser shall, at its own cost and expense, keep the improvements on the Property insured against loss or damage by fire, windstorm, and all other casualties covered by "all risk" endorsements available in the State of Washington and with such additional coverages or endorsements as the Seller may reasonably require from time to time. Said insurance shall be in an amount not less than the greater of (a) the amount of coverage necessary to avoid the insured being treated as a co-insurer, or (b) one hundred twenty percent(120%) of the then unpaid principal balance of the Purchase Price for the Property, or (c) such higher amount as may be required by the terms of any Prior Encumbrance, and shall be placed with an insurance company authorized to do business in the State of Washington. All insurance policies shall expressly include the Seller as a named insured, shall contain a waiver of subrogation clause (to the extent reasonably obtainable), and shall include provisions to the effect that they cannot be materially modified or cancelled prior to Seller receiving not less than twenty (20) days' advance written notice, and accurate and complete copies thereof shall be deposited with the Seller upon written request.

In the event of loss or damage to the Property which is required to be insured hereunder, and except as otherwise required by any Prior Encumbrance and the then holder thereof, the insurance proceeds shall, at the option of the Purchaser, be used to repair, rebuild, or replace all improvements and personal property which may have been destroyed or damaged to the extent necessary to restore and replace them to substantially the same condition which existed immediately prior to the casualty, subject to such modifications as may then be required by law or to which the Seller agrees in writing. Immedialtely upon receipt, all insurance proceeds, together with any other sums required to complete the repairs and restorations, shall be placed in a construction disbursement account with an escrow agent or other person jointly designated by the Seller and the Purchaser and shall be disbursed periodically in amounts corresponding to the percentage of completion of repairs; provided, however, in the event this contract is forfeited, any portion of such proceeds remaining after the payment of properly incurred repair and replacement costs due as of the date of such forfeiture shall be immediately paid to the Seller. No construction may be commenced until all sums required to pay the cost thereof have been deposited in the disbursement account. The expenses of said disbursement account and in obtaining percentage completion certificates shall be paid by the Purchaser, and the Purchaser shall be responsible for depositing in the disbursement account the amounts necessary to pay all costs of repairs, reconstruction and replacements which are not covered by the insurance proceeds. In the event the Purchaser desires to construct improvements which are materially different from those so damaged or destroyed, it shall first obtain the Seller's written consent. All repairs and replacements shall be commenced within sixty (60) days following the date the Purchaser elects to reconstruct and shall be continuously pursued with due diligence. Subject to the terms of any Prior Encumbrances, any casualty insurance proceeds which are not used to pay for repairs or replacements permitted by the terms of this paragraph shall be paid to the Seller and applied against the principal balance last due hereunder, and the Seller shall accept the same notwithstanding any prepayment restriction in this contract. The Prepayment Premium shall not be added to any payments required by this paragraph.

If (i) a Prior Encumbrance and the then holder thereof does not permit the use of casualty insurance proceeds for repairs, or (ii) the Purchaser does not elect to repair the damage, or (iii) the Seller's consent to materially different improvements is not waived or given, or (iv) the Purchaser does not deposit into the disbursement account all sums in excess of available insurance proceeds required for reconstruction by the date construction is required to commence, or (v) construction is not commenced when required or not continuously pursued (subject to delays beyond the reasonable control of the Purchaser), the Seller may require that all casualty insurance proceeds be immediately paid to the Seller (without addition of the Prepayment Premium) or to the holder of a Prior Encumbrance having a valid claim thereto which is prior to the Seller's. The Purchaser shall make the elections provided for in this paragraph within sixty (60) days following the date of casualty, and the Seller shall respond in writing to a written request to construct materially different improvements within twenty (20) days after said request. Any failure of the Purchaser to timely make any such election shall enable the Seller to apply the insurance proceeds against the principal last due under this contract, and any failure of the Seller to timely respond to any such request shall be deemed an approval thereof.

Damage to or destruction of the Property or any portion thereof shall not constitute a failure of consideration or provide a basis for the rescission of this contract, nor shall such circumstances relieve the Purchaser of its obligation to pay the remaining Installment Amounts when due. In the event of any failure of the Purchaser to obtain or timely pay any premiums for any insurance required by this paragraph, and if such failure is not rectified within any required notice period for remedial advances under this contract, the Seller may require the Purchaser to deposit with each Installment Amount an amount reasonably estimated by the Seller to be necessary to discharge the next ensuing premiums for said policies, said estimates to be adjusted by the Seller upon receipt of the premium invoices to reflect the actual amount of such liabilities. The payments so made which have not been applied against such liabilities shall be returned to the Purchaser with the delivery of the Seller's deed to the Purchaser. The Seller shall not be liable for interest on said deposits. If not retained in an escrow or collection account, said funds shall be maintained by the Seller in a segregated account and expended for no other purpose, with interest thereon, if any, being added to the sums so held; provided, however, this account may be commingled with any tax reserve account under this contract.

9. **UTILITIES.** The Purchaser shall pay for the cost of all electric, power, gas, sewer, water, telephone, cable television, refuse disposal service, and any and all other utilities furnished to or used or consumed in, on, or about the Property by the Purchaser or by any person following the date of this contract, and Purchaser shall contract for the same solely in its own name. Any such services used prior to the date hereof by any person other than the Purchaser shall be the responsibility of the Seller.

10. **CONDITION OF PROPERTY.** Except as may be otherwise provided in any written agreement between the parties hereto which is intended to survive the execution of this contract, the Purchaser hereby accepts the Property in the condition existing on the date of this contract and confirms that neither the Seller nor any agent or representative of the Seller has given or made any warranty or representation whatsoever concerning the physical condition thereof or the uses or purposes to which the same may now or hereafter be placed.

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11. **RISK OF LOSS.** The Purchaser shall bear the risk of loss for the complete or partial destruction or condemnation of the Property after the date of this contract. No loss, damage or destruction of all or part of the Property shall constitute a failure of consideration or a basis for the rescission of this contract or relieve the Purchaser from its obligation to observe and perform all of the terms, covenants and conditions hereof. Each of the parties hereto releases the other from all liability for damage caused by any act or neglect of the other party, its agents, servants and employees, to any property which is the result of fire or other casualty covered by insurance carried at the time of such casualty; provided, however, the releases herein contained shall not apply to loss or damage resulting from the willful or premeditated acts of either of the parties hereto, their agents, servants or employees; and provided further, nothing in this paragraph shall be interpreted or have the effect of relieving or modifying any obligation of any insurance company, and to the extent any such obligation is so relieved or impaired this provision shall be ineffective.

12. **MAINTENANCE AND INSPECTION.** The Purchaser shall keep and maintain the Property in good repair, and shall not commit or suffer to be committed any waste or other willful damage to or destruction of the Property or any portion thereof. No logging or commercial timber removal may be undertaken by the Purchaser without the Seller's prior written consent. The Purchaser shall not, without the prior written consent of the Seller, remove any Personal Property from the Real Property, and will keep and maintain the same in good order, repair and condition; provided, however, the Purchaser shall have the right to promptly replace Personal Property with items of comparable worth and utility. The Purchaser shall replace any item of Personal Property or any substitutions thereof which may become lost, broken or beyond repair, and such after-acquired item shall be subject to all of the provisions hereof. No replacements or substitutions permitted or required in this paragraph may be subject to a security interest or conditional sales contract which would have priority over the Seller's security interest. The Seller shall have the right, at all reasonable times and hours, to inspect the Property to ascertain whether the Purchaser is complying with all of the terms, covenants and conditions of this contract.

13. **ALTERATIONS AND LIENS.** Except as otherwise permitted in this contract for construction following an insured casualty or condemnation, or except for any maintenance or repairs required by this contract, the Purchaser shall not, without the prior written consent of the Seller, make or permit any alterations, additions, or improvements to or of the Property or to any portion thereof nor permit any demolition or removal of any such improvements. The Seller may not unreasonably withhold its consent if the action proposed will not materially affect the value of the Property or violate any applicable laws or ordinances or the terms of this contract or of any Prior Encumbrances. The Purchaser shall not cause, authorize or permit any mechanics' or materialmen's liens to be placed upon the Property. The Purchaser shall indemnify and defend the Seller against all liens levied against the Property or any part thereof caused by or through the Purchaser. The Purchaser shall have the right to contest said liens so long as a foreclosure thereof is prevented, and if such contest is pursued in good faith the filing of the lien and withholding payment of the lien amount so disputed shall not constitute a default under this contract. No lien of any agent, contractor, subcontractor, or independent contractor of the Purchaser shall encumber any interest of the Seller in the Property. In the event the Purchaser shall alter, repair or improve the Real Property or erect or construct any new or additional buildings or improvements on the Real Property or any part thereof (whether acting with or without Seller's consent), all such alterations, repairs, improvements, replacements and additions, including any new buildings and improvements, shall immediately be and become the property of the Seller and subject to all of the terms, covenants and conditions of this contract.

14. **COMPLIANCE WITH LAWS AND RESTRICTIONS.** The Purchaser shall faithfully observe, perform and comply with all laws, ordinances rules and regulations of every governmental authority affecting the Property; all easements, reservations, restrictions, covenants and conditions of record affecting or pertaining to the Property; and any condominium, planned unit development, or cooperative declarations, articles, bylaws, rules, regulations and other documents which have been or are hereafter adopted with respect to the Property. The Purchaser shall not use or permit any person to use the Property for or in connection with any unlawful purpose or in any manner which causes a nuisance.

15. **AGRICULTURAL PROVISIONS.** If, in the Specific Terms of this contract, the parties have indicated that the Property is to be used principally for agricultural or farming purposes, the Purchaser shall continuously pursue good and prudent farming operations upon the Property in accordance with the practices of good husbandry, soil conservation, tree and plant pruning, harvesting, and the customary manner in which agricultural property is properly and productively farmed and managed in the county in which the Property is situated. The Purchaser will take such precautions as are necessary to prevent undue depletion of the soil from erosion by wind or water and shall use reasonable efforts to keep the Property free from plants, insects and animals which may have a deleterious effect upon the Property, crops, or livestock. The Purchaser will keep the Property properly irrigated and properly employ such herbicides, pesticides and fertilizers as may be reasonably necessary to comply with the provision of this paragraph and all applicable legal requirements. The Purchaser shall not remove or destroy any existing fruit trees or plants, improvements, irrigation fixtures or equipment, fences, storage houses or sheds, barns, silos, or, except as otherwise permitted in this contract for Personal Property, any tools, equipment or machinery which may be employed in connection with the agricultural use of the Property, without the prior written consent of the Seller, and the Purchaser shall make such improvements to the Property as are reasonably necessary to properly irrigate, drain and farm the Property in accordance with the provisions hereof.

16. **CONDEMNATION.** If the Property or any part thereof is condemned or taken by power of eminent domain by any public or quasi-public authority, the Seller or the Purchaser or both may appear and defend or prosecute in any such proceeding. All compensation or awards received from the condemning authority by either the Seller or the Purchaser shall, subject to the requirements of any Prior Encumbrances, be applied first to the payment of the expenses of litigation, next to the acquisition and installation costs of any replacements or restorations of condemned property requested by the Purchaser in writing not later than fifteen (15) days following the date possession is required to be surrendered by the condemning authority, next to the reduction of the unpaid balance of this contract in the inverse order of its maturity, next to any other sums then due to the Seller (including accrued and unpaid interest and reimbursable advances and expenses), and the surplus, if any, shall be paid to the Purchaser. The Prepayment Premium shall not be added to any payments required by this paragraph. All of the replacements and restorations shall have the same purpose and function as the condemned property, and, except as otherwise consented to by the Seller in writing and except to the extent necessitated by the condemnation or then applicable law, none of the replacements or restorations may be materially different from the condemned property. Any condemnation awards

used to restore or replace any of the Property shall be deposited in a disbursement account and disbursed in the manner specified herein for insurance proceeds following an insured casualty. No total or partial taking of the Property by condemnation shall constitute a failure of consideration or provide a basis for the rescission of this contract.

17. **TRANSFER OF PURCHASER'S INTEREST.** If the Purchaser's title to the Property or any portion thereof is conveyed to any person, the Seller may, at its option: (a) following any required notice, declare the entire remaining balance of the Purchase Price and all accrued and unpaid interest thereon immediately due and payble, or (b) adjust the interest rate on this contract, effective as of the date of the transfer. The Seller may elect one of the said options by written notice to the Purchaser within fifteen (15) days after being advised in writing of the sale and the transferee, and if such election is not made within that period the above rights for the transaction so described shall be deemed waived. If the Seller elects to adjust the interest rate, and subject to any restrictions and prepayment requirements contained in any Prior Encumbrance, the entire outstanding balance of this contract may be prepaid at the closing of such conveyance with the Prepayment Premium. For the purposes of this contract, a "conveyance" of the "Purchaser's title" shall include a transfer by real estate contract, vendee's assignment, deed, forfeiture, foreclosure, sheriff's sale, trustee's sale, deed in lieu of any such involuntary sale, lease with purchase option or for a term in excess of three (3) years (including extension options), and, if the Purchaser is a corporation or partnership, a voluntary or involuntary transfer or series of transfers of any shares or partnership interests which results in a change of fifty percent (50%) or more of the voting control of such entity (from the composition thereof as of the date of this contract). A "conveyance" of the "Purchaser's title" shall not include (i) a lease or other transfer of possession of the Property for three (3) years or less without options to purchase the Property or any interest therein; (ii) a transfer to the Purchaser's spouse or children; (iii) a transfer by devise, descent, or operation of law resulting from the death of any person comprising the Purchaser; (iv) a transfer into an inter vivos trust in which the Purchaser is and remains a beneficiary and which does not relate to a transfer of rights of occupancy in the Property; or (v) a transfer resulting from a decree of dissolution of marriage, legal separation agreement, or property settlement agreement in which a spouse of any person comprising the Purchaser retains or acquires the Property. No transfer of the Property or any portion thereof shall release the transferring person from liability on this contract unless such release is expressly acknowledged by the Seller in writing.

18. **PURCHASER'S DEFAULT.** The Purchaser shall be in default under this contract if it (a) fails to observe or perform any term, covenant or condition herein set forth or those of any Prior Encumbrances, or (b) fails or neglects to make any payment of principal or interest or any other amount required to be discharged by the Purchaser precisely when obligated to do so, or (c) becomes or is declared insolvent or makes an assignment for the benefit of creditors, or files any debtor's petition or any petition is filed against it under any bankruptcy, wage earner's, reorganization or similar act, or (d) permits the Property or any part thereof or its interest therein to be attached or in any manner restrained or impounded by process of any court, or (e) abandons the Property for more than thirty (30) consecutive days (unless the Property is otherwise occupied), or (f) conveys the Property or a portion thereof without any prior written consent required herein of the Seller.

19. **SELLER'S REMEDIES.** In the event the Purchaser defaults under this contract the Seller may, at its election, take the following courses of action:

(a) **Suit for Delinquencies.** The Seller may institute suit for any Installment Amounts or other sums due and payble under this contract as of the date of the judgment and any sums which have been advanced by Seller as of said date pursuant to the provisions of this contract, together with interest on all of said amounts at the Default Rate from the date each such amount was advanced or due, as the case may be, to and including the date of collection;

(b) **Acceleration.** Upon giving the Purchaser not less than fifteen (15) days' written notice of its intent to do so (within which time any monetary default may be cured without regard to the acceleration), and if the default is in the nature of a failure to timely pay any principal, interest, insurance premium, tax, or other sum of money required to be paid herein or any failure to obtain any consent of the Seller herein required for a conveyance of the Purchaser's title to the Property, or if the Purchaser commits waste on the Property, the Seller may declare the entire unpaid balance of the Purchase Price and all interest then due thereon and the Prepayment Premium to be immediately due and payble and institute suit to collect such amounts, together with any sums advanced by the Seller pursuant to the provisions of this contract, and together with interest on all of said sums at the Default Rate from the due date or date of each such advance to and including the date of collection;

(c) **Forfeiture and Repossession.** The Seller may cancel and render void all rights, titles and interests of the Purchaser and its successors in this contract and in the Property (including all of Purchaser's then existing rights, interests and estates therein and timber, crops and improvements thereon) by giving a Notice of Intent to Forfeit pursuant to RCW 61.30.040-070, and said cancellation and forfeiture shall become effective if the default therein specified has not been fully cured within ninety (90) days thereafter and the Seller records a Declaration of Forfeiture pursuant to RCW 61.30.040-070. Upon the forfeiture of this contract the Seller may retain all payments made hereunder by the Purchaser and may take possession of the Property ten (10) days following the date this contract is forfeited and summarily eject the Purchaser and any person or persons having possession of the Property by, through or under the Purchaser who were properly given the Notice of Intent to Forfeit and the Declaration of Forfeiture. If the Purchaser or any person or persons claiming by, through or under the Purchaser who were properly given the Notice of Intent to Forfeit and the Declaration of Forfeiture remain in possession of the Property more than ten (10) days after such forfeiture, the Purchaser, or such person or persons, shall be deemed tenants at will of the Seller and the Seller shall be entitled to institute an action for summary possession of the Property, and may recover from the Purchaser or such person or persons in any such proceedings the fair rental value of the Property for the use thereof from and after the date of forfeiture, plus costs, including the Seller's reasonable attorneys' fees;

(d) **Specific Performance.** The Seller may institute suit to specifically enforce any of the Purchaser's covenants hereunder, and the same may include redress by mandatory or prohibitive injunction;

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(e) **Entry Upon Agricultural Property.** In the event the parties hereto have indicated in the Specific Terms of this contract that the Property is to be used principally for agricultural or farming purposes, the Seller shall have the right, following three (3) days' prior written notice to the Purchaser, to enter upon the Real Property from time to time to perform any one or more of the functions required of but not performed by the Purchaser in the agricultural provisions of this contract and to tend and care for any livestock and harvest, transport, store and sell any of the crops which may be grown on the Property in such manner as the Seller shall elect, and for the purposes of this paragraph, the Purchaser grants to the Seller a security interest in all of its seeds and crops, and the products and proceeds thereof, which may now or at any time hereafter be located upon or in the Property or be harvested therefrom. The exercise of this right shall not affect the liabilities of the Purchaser; provided, however, should the Seller receive any sums as a result of its actions hereunder it shall apply the same to discharge the costs and expenses, including attorneys' fees, reasonably incurred in taking said action, together with interest thereon at the Default Rate from the date of expenditure to and including the date said proceeds are received, and the balance of such proceeds shall be applied against the Purchase Price principal last due and owing hereunder, including any Prepayment Premium applicable thereto. In the absence of receiving any such proceeds, or if and to the extent the same are insufficient to reimburse the Seller for such amounts and interest, the Purchaser shall reimburse the Seller for such amounts and interest on demand, with said interest being calculated to and including the date of payment;

(f) **Remedies under the Uniform Commercial Code.** The Seller shall have and the Purchaser hereby grants to the Seller all of the rights and remedies contained in the Uniform Commercial Code in effect in the State of Washington as of the date of the Purchaser's default and to the extent such remedies may be applicable to the type of collateral affected thereby;

(g) **Receivership.** The parties hereto recognize and agree that in the event of default by the Purchaser in making any payments or in the performance of any of the other terms and conditions of this contract, the period of time involved in repossessing the Property, forfeiting this contract, or in obtaining possession of the Property by judicial process could cause irreparable damage to the Seller and to the Property or the possible acceleration of the debts secured by the Prior Encumbrances. Therefore, the Purchaser hereby expressly agrees that in the event of any default under this contract which is not cured the Seller shall have the right to apply to the Superior Court of the county in which the Real Property is situated for the appointment of a receiver under Chapter 7.60 of the Revised Code of Washington (or any chapter supplemental thereto) to take charge of and maintain control of, manage, farm, or operate the Property, to evict tenants therefrom who are not then in compliance with their leases, to lease any portion or all of the Property in the name of the Purchaser on such terms as the receiver may deem advisable, to make such alterations, repairs and improvements to the Property as the receiver may deem advisable, and to receive all rents and income therefrom and issue receipts therefor, and out of the amounts that are so received to pay all of the debts and obligations for which the Purchaser is liable hereunder prior to or during the period of the receivership, including, without limitation, payments on or for this contract, Prior Encumbrances, taxes, assessments, insurance premiums, utility bills and cost of operating, maintaining, repairing and managing the Property. Any sums received by the receiver in excess of said amounts shall be retained by the receiver to discharge all remaining liabilities of the Purchaser under this contract until the entirety of such obligations have been satisfied, at which point any remaining excess shall be paid to the Purchaser without interest; and

(h) **Property Rental.** If this contract is forfeited as herein provided, or in any other manner permitted by law, or by mutual agreement of the Purchaser and the Seller, and the Purchaser shall thereafter remain in possession of the Property beyond any period otherwise permitted by law, the Purchaser agrees that it will occupy the Property as a tenant at will, and the Purchaser shall be obligated to pay, and hereby promises to pay, during the period of such tenancy at will, a fair market rental in the amount then agreed to by the parties or, in the absence of such agreement or until such agreement is reached, an amount equal to two (2) times the Installment Amounts as and when provided for in the Specific Terms hereof, and the Seller shall have, in addition to all other remedies for the collection of rentals and the recovery of possession that are available to landlords under the laws of the State of Washington, the right to institute and maintain an action for summary possession of the Property as provided by law.

20. **PURCHASER'S REMEDIES.** In the event the Seller defaults under this contract and such default continues for fifteen (15) days after the Purchaser gives the Seller written notice specifying the nature thereof and the acts required to cure the same, the Purchaser shall have the right to specifically enforce this contract, institute suit for its damages caused by such default or pursue any other remedy which may be available to the Purchaser at law or in equity.

21. **REMEDIAL ADVANCES.** If either party to this contract shall fail to timely pay and discharge any payments or sums for which it has agreed to be responsible herein and said failure constitutes a default under this contract, or shall by any other act or neglect violate the terms and any conditions of this contract or of any Prior Encumbrance, the other party hereto may pay, effect or discharge such sums as are necessary to cure such default upon giving the party required to make such payments not less than fifteen (15) days' prior written notice (except in any instance in which the Purchaser fails to obtain or maintain any insurance required herein or when immediate payment is required to avoid immediate hazards to persons or property or any foreclosure of or a similar action against or affecting any portion of the Property, in which cases such notice may be given concurrently with or immediately following such payment). The party making such payment may recover from the defaulting party, upon demand, or through offsetting the same against existing or future debts, the full cost and expense of so doing, including its reasonable attorney's fees and together with interest on said expenditures and fees at the Default Rate from the date of expenditure to and including the date of collection or the due date of any sum against which such offset is effected.

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22. **CUMULATIVE REMEDIES; WAIVERS.** The remedies stated herein are cumulative and not mutually exclusive and the Seller or the Purchaser may pursue any other or further remedies to enforce their respective rights under this contract; provided, however, except as provided in this contract with respect to the Purchaser's transfer of the Property, the Seller shall not have the right to accelerate the remaining balance of the Purchase Price in the event the Seller elects to forfeit the Purchaser's interest in the Property and such forfeiture is being enforced or is completed. In any action or proceeding to recover any sum or to enforce any remedy provided for herein, no defense of adequacy of security or that resort must first be taken against any particular security or any other person shall be asserted, and the Purchaser hereby expressly waives any legal or equitable rights that the Purchaser may have with respect to marshaling of assets. The Seller shall not be required to tender its deed or bill of sale as a condition precedent to the enforcement of any remedy hereunder. In the event any check is tendered which is not honored upon first presentation because of any stop payment directive or insufficient funds, the payee's rights shall be reinstated as if such check had not been delivered. No waiver of any rights of either party under this contract shall be effective unless specifically evidenced in a written agreement executed by the waiving party. Any forbearance, including, without limitation, a party's acceptance of any payment after the due date or any extension thereof, shall not be considered a waiver of such party's right to pursue any remedy hereunder for any other existing or subsequent defaults of the same or a different nature or for breach of any other term, covenant or condition hereof.

23. **COSTS AND ATTORNEYS' FEES.** If either party shall be in default under this contract, the nondefaulting party shall have the right, at the defaulting party's expense, to retain an attorney or collection agency to make any demand, enforce any remedy, or otherwise protect or enforce its rights under this contract. The defaulting party hereby promises to pay all costs and expenses so incurred by the nondefaulting party, including without limitation, arbitration and court costs, collection agency charges, notice expenses, title search expenses, and reasonable attorneys' fees (with or without arbitration or litigation), and the failure of the defaulting party to promptly pay the same shall in itself constitute a further and additional default. In the event either party hereto institutes any action (including arbitration) to enforce the provisions of this contract, the prevailing party in such action shall be entitled to reimbursement by the losing party for its court costs and reasonable attorneys' fees, including such costs and fees that are incurred on appeal. All reimbursements required by this paragraph shall be due and payable on demand, may be offset against any sum owed to the party so liable in order of maturity and shall bear interest at the Default Rate from the date of demand to and including the date of collection or the due date of any sum against which the same is offset.

24. **NOTICES.** Subject to the requirements of any applicable statute, any notices required or permitted by law or under this contract shall be in writing and shall be personally delivered or sent by first class certified or registered mail, return receipt requested, with postage prepaid, to the parties' addresses set forth in the Specific Terms of this contract. Either party may change such address for notice and, if payments are not made to an escrow or collection account, the Seller may change the address for payments, by designating the same to the other party hereto in the manner hereinabove set forth and by causing a copy of such change to be properly recorded. All notices which are so addressed and paid for shall be deemed effective when personally delivered or, if mailed, on the date of the deposit thereof in the U.S. mail and irrespective of actual receipt of such notice by the addressee.

25. **TIME OF PERFORMANCE.** Time is specifically declared to be of the essence of this contract and of all acts required to be done and performed by the parties hereto, including, but not limited to, the proper tender of each of the sums required by the terms hereof to be paid.

26. **PARAGRAPH HEADINGS.** The boldface word or words appearing at the commencement of paragraphs and subparagraphs of this contract are included only as a guide to the contents thereof and are not to be considered as controlling, enlarging or restricting the language or meaning of those paragraphs or subparagraphs.

27. **GENDER AND NUMBER.** The use of any gender or neutral term shall include all genders, and the use of any number shall be construed as singular or plural, as the case may require. The terms "Purchaser" and "Seller" refer to either the singular or the plural, as the case may be.

28. **DEFINITIONS.** As used herein the term "Property" means all of the estate, right, title and interest currently held and hereafter acquired by the Seller in and to the Real Property and Personal Property described herein and the rights, easements, privileges and appurtenances thereunto belonging or appertaining or held and enjoyed therewith, together with all timber and crops thereon and any repairs, improvements, replacements and additions thereto whether made, erected or constructed by the Seller or the Purchaser prior to or subsequent to the date hereof. All capitalized terms in this contract shall have the meanings ascribed herein or set forth opposite the same in the Specific Terms of this contract. References to the Seller's deed or fulfillment deed herein shall include assignments of a vendee's interest under a prior real estate contract; provided, however, any form of conveyance shall contain the warranties to which the Purchaser is entitled under this contract or other agreement with the Seller.

29. **INVALIDITY.** In the event any portion of this contract should be held to be invalid by any court of competent jurisdiction, Such holding shall not affect the remaining provisions hereof unless the court's ruling includes a determination that the principal purpose and intent of this contract are thereby defeated. The intention of the Seller is to charge the Purchaser a lawful rate of interest, and in the event it is determined by any court of competent jurisdiction that any rate herein provided for exceeds the maximum permitted by law for a transaction of the character evidenced by these presents, the amounts so determined to be above the legal rate shall be applied against the last installments of principal due hereunder or, if such principal has been paid, or otherwise at the discretion of the then holder of this contract, said excess shall be refunded to the Purchaser on demand without interest, and the interest rates specified hereunder shall be reduced to the maximum rate then permitted by law for the type of transaction to which this contract pertains. The intention of the parties hereto is to assess a legal rate of interest on default, and if the Default Rate is determined by any court of competent jurisdiction to exceed the maximum rate of interest permitted by law for such purposes, the Default Rate shall be reduced to the highest rate so permitted, with any excess theretofore paid being applied against any debt of the defaulting party in inverse order of maturity, or if in excess of such debt, being refunded upon demand without interest.

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30. **LEGAL RELATIONSHIPS.** The parties to this contract execute the same solely as a seller and a buyer. No partnership, joint venture or joint undertaking shall be construed from these presents, and except as herein specifically provided, neither party shall have the right to make any representation for, act on behalf of, or be liable for the debts of the other. All terms, covenants and conditions to be observed and performed by either of the parties hereto shall be joint and several if entered into by more than one person on behalf of such party, and a default by any one or more of such persons shall be deemed a default on the part of the party with whom said person or persons are identified. No third party is intended to be benefitted by this contract. Any married person executing this contract hereby pledges his or her separate property and such person's and his or her spouse's marital communities in satisfaction hereof.

31. **SUCCESSORS.** Subject to the restrictions contained herein, the rights and obligations of the Seller and the Purchaser shall inure to the benefit of and be binding upon their respective estates, heirs, executors, administrators, successors, successors in trust and assigns; provided, however, no person to whom this contract is pledged or assigned for security purposes by either party hereto shall, in the absence of an express, written assumption by such party, be liable for the performance of any covenant herein. Any assignee of any interest in this contract, or any holder of any interest in the Property, shall have the right to cure any default in the manner permitted and between the time periods required of the defaulting party, but except as otherwise required by law, no notices in addition to those provided for in this contract need be given.

32. **APPLICABLE LAW.** This contract shall be governed and interpreted in accordance with the laws of the State of Washington and the venue of any action brought to interpret or enforce any provision of this contract shall be laid in the county in which the Real Property is situated. All sums herein referred to shall be calculated by and payble in the lawful currency of the United States.

33. **ENTIRE AGREEMENT.** This contract contains the entire agreement of the parties hereto and, except for any agreements or warranties otherwise stated in writing to survive the execution and delivery of this contract, supersedes all of their previous understandings and agreements, written and oral, with respect to this transaction. Neither the Seller nor the Purchaser shall be liable to the other for any representations made by any person concerning the Property or regarding the terms of this contract, except to the extent that the same are expressed in this instrument. This contract may be amended only by written instrument executed by the Seller and the Purchaser subsequent to the date hereof.

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EXHIBIT "A"

D-E-S-C-R-I-P-T-I-O-N

Commencing at the Southwest corner of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, said point being marked by a 4" X 4" hub on the center line of the Ardena County Road; thence North 0°00'15" West 906.93 feet along said center line to the Southeasterly right of way line of Pacific Highway; thence North 34°46'42" East 52.60 feet along said right of way line to the intersection with the East line of said County Road, the true point of beginning; thence South 0°00'15" East 50.00 feet along the East line of Ardena County Road as conveyed to Pierce County under Pierce County Auditor's No. 1448257; thence North 29°59'45" East 70.00 feet; thence North 52°32'37" East 82.08 feet; thence North 29°58'37" East 134.21 feet; thence North 61°52'10" West 88.00 feet to the Southeasterly right of way line of said Pacific Highway; thence South 29°58'55" West 128.28 feet along said right of way line; thence North 57°32'00" West 25.00 feet along said right of way line; thence South 33°19'05" West 71.70 feet, more or less along said Southeasterly right of way line of said Pacific Highway to the true point of beginning, in Pierce County, Washington.

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

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EXHIBIT "B"

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420053018
For: sanitary sewers
Levied by: Pierce County
Principal Amount Now Owing: $3,795.66, according to the Pierce County Assessor/Treasurer's Rolls.
(as to the remaining portion of the herein described property)

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420053054
For: sanitary sewers
Levied by: Pierce County
Principal Amount Now Owing: $8,607.00, according to the Pierce County Assessor/Treasurer's Rolls.
(as to a portion of the herein described property)

Fence encroachment as delineated on Survey recorded September 5, 1984 under Auditor's No. 8409050458.
(affects the Southerly portion of the herein described property)

Waiver of all claims for damages to adjacent property by reason of the construction of a county road to be known as Ardena Road, as granted by Ida Benson, et al, to County of Pierce, State of Washington dated_____, 1934 and recorded May 2, 1947 under Auditor's No. 1448266.

Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington
Recorded: November 17, 1959
Auditor's No.: 1872829

Right of way for drainage ditch as disclosed in Pierce County Superior Court Case No. 83639, and easement to construct a channel change together with the right, privilege and permit to enter abutting lands to construct said channel change over the herein described property, as granted to the State of Washington by instrument recorded under Auditor's No. 1872830.

Permit to waste, place and deposit earth materials upon the existing channel to Hylebos Creek as it flows over and across the herein described property, together with the right of ingress and egress over and across other lands owned by the grantor, Tom Yururu Kondo and Jessie Miyuko Kondo and Motoe Kondo and Koma Kondo, granted to the State of Washington by instrument dated October 19, 1959 and recorded November 17, 1959 under Auditor's No. 1872831.
Said easement also recorded under Auditor's No. 1872825.

Any right or asserted right of the Puyallup Tribe of Indians to regulate the real property described in Schedule C including, but not limited to, the tribes exercise of police power, zoning, taxation or any other exercise of governmental regulation over the land or the uses occupying said land.
The above paragraph is included in Schedule B to clarify the application of Paragraph 1 (a) of the Schedule of Exclusions from coverage of the policy.

COMMONWEALTH TITLE INSURANCE COMPANY

9108160351

REVENUE STAMPS

THIS SPACE RESERVED FOR RECORDER'S USE:

BK0705PG0747

91 AUG 16 AM 11:46

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH.

Filed for Record at Request of

AFTER RECORDING MAIL TO:

HERBERT A. RENDEL
P.O. BOX 3461
Federal Way, Wash
98063

FORM L 56

Quit Claim Deed

THE GRANTORS, MICHAEL RENDEL and KAREN RENDEL, his wife,

for and in consideration of none; for purpose of clearing title only,

convey and quit claim to HERBERT A. RENDEL and ANITA RENDEL, his wife,

the following described real estate, situated in the County of Pierce

State of Washington including any interest therein which grantor may hereafter acquire:

LEGAL DESCRIPTION SET FORTH ON EXHIBIT "A", ATTACHED HERETO, AND INCORPORATED BY REFERENCE.

EXCISE TAX PAID $ Ø
Re. No. 790190 Date 8-16-91
Pierce County
By Paravans Auth. Co.

Dated this 31 day of July, 1991.

By ..... By Michael Rendel
Michael Rendel

By ..... By Karen Rendel
Karen Rendel

STATE OF WASHINGTON
COUNTY OF Pierce } ss

On this day personally appeared before me MICHAEL RENDEL & KAREN RENDEL, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 31 day of July, 1991.

Notary Public in and for the State of Washington, residing at Tacoma
My appointment expires on 1/28/95

STATE OF WASHINGTON
COUNTY OF ..... } ss

On this ..... day of ....., 19 ....., before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared .....
and .....
to me known to be the ..... President and ..... Secretary, respectively, of ..... the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that ..... authorized to executed the said instrument and that the seal affixed is the corporate seat of said corporation.

9108160351

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at .....
My appointment expires on .....

EXC. AFF. FEE $2.00

ORIGINAL

EXHIBIT "A"

That portion of the following described property lying between Primary State Highway No. 1 (Interstate 5) and Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, in Pierce County, Washington.

Beginning on the North line of the Southwest quarter of the Southwest quarter of said Section 5, at a point 761 feet West of the Northeast corner thereof; thence South parallel with the East line of said Southwest quarter of the Southwest quarter to the Northerly line of Puget Sound Electric Railway Co. right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Benson Road, said East line being 30 feet East of the West line of said Section 5; thence North on said East line of road to the South line of that certain property conveyed to Andrew J. Schilling et al, by deed recorded December 23, 1946 under Auditor's No. 1435837; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence North 52°32'37" East a distance of 82.08 feet; thence North 29°58'27" East a distance of 134.21 feet; thence North 61°52'10" West a distance of 88.00 feet to the Southeasterly right of way line of Pacific Highway South (Old Highway 99); thence on said Southeasterly line Northeasterly to the North line of the Southwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence East on said North line to the point of beginning.

EXCEPT all that portion conveyed to the State of Washington for Interstate Highway 5 by deed recorded November 14, 1959 under Auditor's No. 1872829.

ALSO EXCEPT those portions conveyed to the State of Washington for additional right of way for Pacific Highway South (Old Highway 99) by instrument recorded under Auditor's No. 957144.

Legal description of real estate conveyed to Herbert A. Rendel and Anita Rendel, his wife, by Michael Rendel and Karen Rendel, by Deed attached hereto.

Deed and Seller's Assignment of Contract

9111040254

91 NOV -4 AM 11: 26

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

WASHINGTON TITLE INSURANCE COMPANY
SEATTLE, WASHINGTON

BK 0722 PG 3751

Mail to MANN & KING
550 American Savings Bldg
820 "A" Street
Tacoma, Washington 98402

Send Tax Statement to

FORM L-64 R

Deed and Seller's Assignment of Real Estate Contract

THE GRANTOR CHARLES E. JACKSON

for value received convey and assigns to

KATHE H. JACKSON, the grantee,

the following described real estate, situated in the County of Pierce

State of Washington including any interest therein which grantor may hereafter acquire:

See attached legal description.

EXCISE TAX PAID $ None
Re. No. 189686 Date 11-4-91
Pierce County
By E Drury Auth. Sig

and does hereby assign, transfer and set over to the grantee that certain real estate contract dated the 9th day of March, 1988 between Charles E. Jackson and Kathe H. Jackson, husband and wife, as seller and H.A. Rendel and Anita Rendel, husband and wife, and Michael Rendel and Karen Rendel, husband and wife, as purchaser for the sale and purchase of the above described real estate. The grantee hereby assumes and agrees to fulfill the conditions of said real estate contract and the grantor hereby covenants that there is now unpaid on the principal of said contract the sum of

Dated this 8th day of October, 1991.

Charles E. Jackson (SEAL)
Charles E. Jackson

(SEAL)

STATE OF WASHINGTON, } ss.
County of Pierce }

On this day personally appeared before me Charles E. Jackson to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 8th day of October, 1991.

Christie R Neaton
Notary Public in and for the State of Washington, residing at Puyallup
Commission Expires: 5-27-93

9111040254

THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

EXHIBIT "A"

That portion of the following described property lying between Primary State Highway No. 1 (Interstate 5) and Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, in Pierce County, Washington.
Beginning on the North line of the Southwest quarter of the Southwest quarter of said Section 5, at a point 761 feet West of the Northeast corner thereof; thence South parallel with the East line of said Southwest quarter of the Southwest quarter to the Northerly line of Puget Sound Electric Railway Co. right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Benson Road, said East line being 30 feet East of the West line of said Section 5; thence North on said East line of road to the South line of that certain property conveyed to Andrew J. Schilling et al, by deed recorded December 23, 1946 under Auditor's No. 1435837; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence North 52°32'37" East a distance of 82.08 feet; thence North 29°58'27" East a distance of 134.21 feet; thence North 61°52'10" West a distance of 88.00 feet to the Southeasterly right of way line of Pacific Highway South (Old Highway 99); thence on said Southeasterly line Northeasterly to the North line of the Southwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence East on said North line to the point of beginning.

EXCEPT all that portion conveyed to the State of Washington for Interstate Highway 5 by deed recorded November 14, 1959 under Auditor's No. 1872829.

ALSO EXCEPT those portions conveyed to the State of Washington for additional right of way for Pacific Highway South (Old Highway 99) by instrument recorded under Auditor's No. 957144.

EXHIBIT "B" Last half 1988 taxes and

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420055057
For: sanitary sewers
Payments delinquent: yes
Levied by: Pierce County
Principal Amount Now Owing: $22,430.73, according to the Pierce County Assessor/Treasurer's Rolls.

Assessment for drainage by District No. 23 for 1988, payable in the amount of $11.75.

Waiver of all claims for damages to adjacent property by reason of the construction and establishment of Adrena County Road as granted by instrument recorded May 2, 1947 under Auditor's No. 1448266.

Right of way for drainage ditch over and across the herein described property, as disclosed by Pierce County Superior Court Case No. 83639.

Easement to construct a channel change over and across the herein described property, together with the right of ingress and egress over and across this and other lands as granted to the State of Washington by instrument recorded under Auditor's No. 1872830.

Permit to waste, place and deposit earth materials upon the channel of Hylebos Creek as it flows over and across the herein described property, together with the rights of ingress and egress over this and other lands as granted to the State of Washington by instrument recorded November 17, 1959 under Auditor's No. 1872831.

Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington
Recorded: November 17, 1959
Auditor's No.: 1872829

Easement, and the Terms & Conditions thereof:
Grantee: Pierce County
Recorded: March 9, 1984
Auditor's No.: 8403090222
Purpose: construction, improvement, maintenance and repair of a sanitary sewer pipeline, manholes, and other appurtenant sewer structures
Area affected: a portion of the herein described property

Said lands lie within the Puyallup Indian Reservation and may be subject to Governmental regulation by the Puyallup Tribe of Indians

THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

8903230138
9206230684

VOL. 0535 PAGE 2460

RE-RECORD

First American Title
INSURANCE COMPANY

THIS SPACE RESERVED FOR RECORDER'S USE:

89 MAR 23 AM 10: 17

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

92 JUN 23 AM 11: 52

RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

BK 0786 PG 1994

Filed for Record at Request of

Name Herbert A Rendel

Address 7100 Pacific Hy East

City and State Tacoma Wa. 98424

RTC 9140505

***THIS DEED IS BEING RE-RECORDED TO ADD THE NAME AND SIGNATURE OF GRANTOR'S HUSBAND.

Statutory Warranty Deed

THE GRANTOR LINDA PLIEN and LEONARD G. BOSCARINE her husband

for and in consideration of $1.00 (One dollar in lawful currency)

in hand paid, conveys and warrants to Herbert A. Rendel

the following described real estate, situated in the County of Pierce, State of Washington:

That portion of 12Th. Street East (Barth county Road) lying East of East line of Pacific Highway and Weat of the West line of interstate Route No.5.

all being in the Southwest Quarterof Section 5, Twn. 20 North, range4 4 East of the W.M. in the Milton Area.

EXCISE TAX PAID $ 0
Re. No. 223691 Date 3-23-89
Pierce County
By R Garavano Auth. Sig

Situate in Pierce Conty, State of Washington

EXCISE TAX PAID $ 0
Re. No. 812540 Date 6-23-92
Pierce County
By E Drury Auth. Sig

Linda M. Plein

Dated this day of February 27, 19 89

Linda M. Plein (SEAL)
Leonard G. Boscarine (SEAL)

STATE OF WASHINGTON,
County of Pierce } ss.

On this day personally appeared before me Linda M. Plein

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 27th day of February, 1989

Notary Public in and for the State of Washington, residing at Tacoma

8 -

WA-26

ENC. AFF. FEE $2.00

9206230684
8903230138

BK0786PG1995

STATE OF WASHINGTON

County of Pierce

On this day personally appeared before me LEONARD G. BOSCARINE

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that HE signed the same as HIS free and voluntary act and deed, for the used and purposes therein mentioned.

GIVEN under my hand and official seal this 12th day of June 1992.

Donna L. Haley

Notary Public in and for the State of Washington, residing in Tacoma. My Commission Expires 1/28/95.

DONNA L. HALEY
NOTARY PUBLIC
STATE OF WASHINGTON
1-28-95

9206230684

9206230685

BK0786PG1996

92 JUN 23 AM 11:53
RECORDED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

After Recording Return to:

KENYON E. LUCE, P.S.
5308 - 12th Street East
Tacoma, WA 98424

RTC 9140505

STATUTORY WARRANTY DEED

THE GRANTOR, KATHE H. JACKSON, whose spouse is CHARLES E. JACKSON, as her separate property,

for and in consideration of fulfillment of Real Estate Contract recorded March 11, 1988, under Pierce County Auditor's Fee No. 8803110353,

in hand paid, conveys and warrants to H. A. RENDEL and ANITA RENDEL, husband and wife; and MICHAEL RENDEL and KAREN RENDEL, husband and wife,

the following described real estate, situated in the County of Pierce, State of Washington:

See legal description attached hereto as Exhibit "A".

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated March 9, 1988, and conditioned for the conveyance of the above-described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract. (Charles E. Jackson's seller's interest in the above contract was assigned to Kathe H. Jackson October 8, 1991, Recording No. 9111040254.)

Real Estate Sales Tax was paid on this sale on March 11, 1988, Rec. No. ~~488931~~. 698686

Dated this 10 June 92 day of June, 1992.

Kathe H. Jackson
KATHE H. JACKSON

STATE OF WASHINGTON)
) ss
County of PIERCE)

On this day personally appeared before me KATHE H. JACKSON, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 10 day of June 1992.

Notary Public in and for the State of Washington, residing at Graham
My commission expires: 6/30/94

RLST:md\6.10.92
JACKSON.SWD

EXCISE TAX PAID $ Prior
Re. No. 698686 Date 6-23-92
Pierce County
By E Drury Auth. Sig

8-

9206230685

EXHIBIT "A"

That portion of the following described property lying between Primary State Highway No. 1 (Interstate 5) and Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian, in Pierce County, Washington.

Beginning on the North line of the Southwest quarter of the Southwest quarter of said Section 5, at a point 761 feet West of the Northeast corner thereof; thence South parallel with the East line of said Southwest quarter of the Southwest quarter to the Northerly line of Puget Sound Electric Railway Co. right of way; thence Westerly along the Northerly line of said right of way to the East line of Ardena County Road, also known as Benson Road, said East line being 30 feet East of the West line of said Section 5; thence North on said East line of road to the South line of that certain property conveyed to Andrew J. Schilling et al, by deed recorded December 23, 1946 under Auditor's No. 1435837; thence East on the South line of said property 60 feet to the Southeast corner thereof; thence North 52°32'37" East a distance of 82.08 feet; thence North 29°58'27" East a distance of 134.21 feet; thence North 61°52'10" West a distance of 88.00 feet to the Southeasterly right of way line of Pacific Highway South (Old Highway 99); thence on said Southeasterly line Northeasterly to the North line of the Southwest quarter of the Southwest quarter of Section 5, Township 20 North, Range 4 East of the Willamette Meridian; thence East on said North line to the point of beginning.

EXCEPT all that portion conveyed to the State of Washington for Interstate Highway 5 by deed recorded November 14, 1959 under Auditor's No. 1872829.

ALSO EXCEPT those portions conveyed to the State of Washington for additional right of way for Pacific Highway South (Old Highway 99) by instrument recorded under Auditor's No. 957144.

Assessment:
U.L.I.D. No.: 82-1
Assessment No.: 0420055057
For: sanitary sewers

Waiver of all claims for damages to adjacent property by reason of the construction and establishment of Adrena County Road as granted by instrument recorded May 2, 1947 under Auditor's No. 1448266.

Right of way for drainage ditch over and across the herein described property, as disclosed by Pierce County Superior Court Case No. 83639.

Easement to construct a channel change over and across the herein described property, together with the right of ingress and egress over and across this and other lands as granted to the State of Washington by instrument recorded under Auditor's No. 1872830.

Permit to waste, place and deposit earth materials upon the channel of Hylebos Creek as it flows over and across the herein described property, together with the rights of ingress and egress over this and other lands as granted to the State of Washington by instrument recorded November 17, 1959 under Auditor's No. 1872831.

Relinquishment of access to State Highway No. 1 and of light, view and air by Deed to State of Washington
Recorded: November 17, 1959
Auditor's No.: 1872829

Easement, and the Terms & Conditions thereof:
Grantee: Pierce County
Recorded: March 9, 1984
Auditor's No.: 8403090222
Purpose: construction, improvement, maintenance and repair of a sanitary sewer pipeline, manholes, and other appurtenant sewer structures
Area affected: a portion of the herein described property

Said lands lie within the Puyallup Indian Reservation and may be subject to Governmental regulation by the Puyallup Tribe of Indians.

AUDITOR'S NOTE
LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

9206230686

BK0786PG1998

RAINIER
TITLE COMPANY
Tacoma, Washington 98402

FILED FOR RECORD AT REQUEST OF

THIS SPACE PROVIDED FOR RECORDER'S USE:

92 JUN 23 AM 11:53
RECORDED
BRIAN SCHITAG
AUDITOR PIERCE CO. WASH

WHEN RECORDED RETURN TO

Name RTC
Address ESCROW
City, State, Zip WENDY

RTC. 9140505

Statutory Warranty Deed
(FULFILLMENT)

THE GRANTOR DARTH R. CASTAN, A SINGLE MAN, AS HIS SEPARATE ESTATE

for and in consideration of FULFILLMENT OF REAL ESTATE CONTRACT

in hand paid, conveys and warrants to HERBERT A. RENDEL AND A. M. RENDEL, HUSBAND AND WIFE

the following described real estate, situated in the County of PIERCE, State of Washington:

EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF

This deed is given in fulfillment of that certain real estate contract between the parties hereto, dated MARCH 12, 19 90, and conditioned for the conveyance of the above described property, and the covenants of warranty herein contained shall not apply to any title, interest or encumbrance arising by, through or under the purchaser in said contract, and shall not apply to any taxes, assessments or other charges levied, assessed or becoming due subsequent to the date of said contract.

Real Estate Sales Tax was paid on this sale on MARCH 19, 1990, Rec. No. 750560

Dated JUNE 12, 19 92

DARTH R. CASTAN

EXCISE TAX PAID $ Prior
Re. No. 750560 Date 6-23-92
Pierce County
By E Drury Auth. Sig

STATE OF WASHINGTON
COUNTY OF Pierce } ss.

I certify that I know or have satisfactory evidence that DARTH R. CASTAN is the person(s) who appeared before me, and said person(s) acknowledged that (he/she/they) signed this instrument and acknowledged it to be (his/her/their) free and voluntary act for the uses and purposes mentioned in the instrument.

NOTARY PUBLIC 11-22-93 STATE OF WASHINGTON

6/12/92
Dated

Signature

Title

11/22/93
My appointment expires

(SEAL OR STAMP)

Form 3158-1 (Washington)

STATE OF WASHINGTON
COUNTY OF _____ } ss.

I certify that I know or have satisfactory evidence that _____ is the person(s) who appeared before me, and said person(s) acknowledged that (he/she/they) signed this instrument, on oath stated that (he/she/they) was (were) authorized to execute the instrument and acknowledged it as the _____ of _____ to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Dated

Signature

Title

My appointment expires

9206230686

EXHIBIT "A"

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, SAID POINT BEING MARKED BY A 4" X4" HUB ON THE CENTER LINE OF THE ARDENA COUNTY ROAD; THENCE NORTH 1°00'15"WEST 906.93 FEET ALONG SAID CENTER LINE TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF PACIFIC HIGHWAY; THENCE NORTH 34° 46'42" EAST 52.60 FEET ALONG SAID RIGHT OF WAY LINE TO THE INTERSECTION WITH THE EAST LINE OF SAID COUNTY ROAD, THE TRUE POINT OF BEGINNING; THENCE SOUTH 00°00'15" EAST 50.00 FEET ALONG THE EAST LINE OF ARDENA COUNTY ROAD AS CONVEYED TO PIERCE COUNTY UNDER PIERCE COUNTY AUDITOR'S NO. 1448257; THENCE NORTH 89°59'45" EAST 70.00 FEET;THENCE NORTH 52°32'37" EAST 82.08 FEET; THENCE NORTH 29° 58'37" EAST 134.21 FEET; THENCE NORTH 61°52'10" WEST 88.00 FEET TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF SAID PACIFIC HIGHWAY; THENCE SOUTH 29°58'55" WEST 128.28 FEET ALONG SAID RIGHT OF WAY LINE; THENCE NORTH 57°42'00" WEST 25.00 FEET ALONG SAID RIGHT OF WAY LINE; THENCE SOUTH 33°19'05" WEST 71.70FEET, MORE OR LESS ALONG SAID SOUTHEASTERLY RIGHT OF WAY LINE OF SAID PACIFIC HIGHWAY TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.

9609190070 BK1266PG1920

PACIFIC ESTATE SERVICES, INC.
1700 Westlake Avenue North, Suite 715, Seattle, WA 98109
(206) 285-6181 . (800) 886-6181 . FAX (206) 285-6141

This Space Provided For Recorder's Use

96 SEP 19 AM 10: 12
RECORDED
CATHY PEARSALL-STIPEK
AUDITOR, PIERCE CO. WASH

Filed for Record at Request of
When recorded return to

THE HERBERT AND ANITA RENDEL
FAMILY LIMITED PARTNERSHIP

7100 PACIFIC HIGHWAY EAST

TACOMA, WASHINGTON 98424

QUIT CLAIM DEED

THE GRANTORS HERBERT AND ANITA RENDEL, HUSBAND AND WIFE

FOR AND IN CONSIDERATION OF PARTNERSHIP UNITS

CONVEYS AND QUIT CLAIMS TO THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP

THE FOLLOWING DESCRIBED REAL ESTATE, SITUATED IN THE COUNTY OF PIERCE, STATE OF WASHINGTON, TOGETHER WITH ALL AFTER ACQUIRED TITLE OF THE GRANTOR(S) THEREIN, ALL THEIR RIGHT, TITLE AND INTEREST IN AND TO:

PLEASE SEE ATTACHED EXHIBIT "A" FOR LEGAL DESCRIPTION OF SUBJECT PROPERTY.

EXCISE TAX PAID $ Ø
Re. No. 92025 Date 9-19-96
Pierce County
By R Bronowski Auth Sig

DATED September, 19__

Herbert A Rendel
HERBERT A. RENDEL

Anita M. Rendel
ANITA M. RENDEL

STATE OF WASHINGTON)
COUNTY OF Pierce) SS.

ON THIS DAY PERSONALLY APPEARED BEFORE ME, HERBERT A. RENDEL AND ANITA M. RENDEL, TO ME KNOWN TO BE THE INDIVIDUALS DESCRIBED IN AND WHO EXECUTED THE WITHIN AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED THAT THEY SIGNED THE SAME AS THEIR FREE AND VOLUNTARY ACT AND DEED, FOR THE USES AND PURPOSES THEREIN MENTIONED.

GIVEN UNDER MY HAND AND OFFICIAL SEAL THIS 13 DAY OF September

NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON, RESIDING AT Issaquah

MY COMMISSION EXPIRES 06-28-98

9609190070

9 EXC. AFF. FEE $2.00

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

EXHIBIT "A"

PARCEL A:

That portion of the following described tract lying westerly of primary State Highway No. 1 (Interstate 5) and easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington described as follows:

Beginning at the intersection point of the easterly margin of Pacific Highway South with the North margin line of 12th Street East (A.K.A. Barth Road), said point having a back tangent bearing of North 19 degrees 35 minutes 01 seconds East;
Thence southwesterly along said easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet;
Thence South 61 degrees 52 minutes 10 seconds East a distance of 168 feet, more or less to the westerly margin line of primary State Highway No. 1 (Interstate 5);
Thence northeasterly along said westerly margin line to the intersect point of said North margin line of 12th Street East;
Thence South 88 degrees 15 minutes 39 seconds West along said North margin line a distance of 130 feet, more or less to the point of beginning.

PARCEL B:

That portion of the following described tract lying westerly of primary State Highway No. 1 (Interstate 5) and easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington described as follows:

Commencing at the intersection point of the easterly margin line of Pacific Highway South with the North margin line of 12th Street East (A.K.A. Barth Road) said point having a back tangent bearing of North 19 degrees 35 minutes 01 seconds East;
Thence southwesterly along said easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet to the "true point of beginning";
Thence continuing southwesterly along said easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees 42 minutes 05 seconds, an arc distance of 128.22 feet;
Thence continuing along said easterly margin line radially North 58 degrees 01 minutes 14 seconds West a distance of 25.00 feet;
Thence continuing along said easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees 05 minutes 42 seconds, an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (A.K.A. Ardena Road);
Thence South 00 degrees 00 minutes 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured by right angles) of W.S.H.D. Station 5+00 AL27 line;
Thence North 78 degrees 00 minutes 15 seconds East a distance of 23.70 feet;
Thence South 11 degrees 59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less to the westerly margin line of primary State Highway No. 1 (Interstate 5);
Thence northeasterly along said westerly margin line to intersect a point of beginning";
Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

Both situate in the County of Pierce, State of Washington.

9609190070

IT IS DUE TO THE QUALITY OF THE DOCUMENT.

(1)

9711140130

BK 1412PG3294

97 NOV 14 AM 9:01

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR

Return Address

Name Herbert Rendel

Address 7100 Pacific Highway East

City, State ,Zip Milton, WA 98354

Document Title(s) (or transactions contained therein):

(RTC) 41417

1. Assignment of Lease
2.
3.
4.

Reference Number(s) of Documents assigned or released:
(on page _____ of documents(s))

Grantor(s) (Last name first, then first name and initials)

1. Rendel, Herbert A. (Landlord)
2. Rendel, Anita M. (Landlord)
3.
4.
5. Additional names on page _____ of document.

Grantee(s) (Last name first, then first name and initials)

1. The Herbert and Anita Rendel Family Limited Partnership
2.
3.
4.
5. Additional names on page _____ of document.

Legal description (abbreviated: i.e. lot, block, plat or section, township, range)
Portion of SW 1/4 of SW 1/4 of Sec. 5, T20N, R4E, W.M.
Additional legal is on page 3 & 5 & 6 of document.

Assessor's Property Tax Parcel/Account Number
04-20-05-3-057 , 04-20-05-3-054 and 04-20-05-3-018
Additional legal is on page _____ of document.

The Auditor/Recorder will rely on the information provided on the form. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.

WASHINGTON STATE COUNTY AUDITOR/RECORDER'S
INDEXING FORM (Cover Sheet)

Form 7265-2

9711140130

13

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE.
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

ASSIGNMENT OF LEASE

Whereas

Herbert A. and Anita M. Rendel (the"Landlord")
(landlord name)

and

Freeway Trailer Sales, Inc. (the"Present Tenant")
(present tenant name)

Great American RV, Inc. (the"Present Tenant")
(present tenant name)

have entered into the Lease(s) attached;

And whereas the Present Landlord wishes to assign its rights and interest in the Lease(s) to

The Herbert and Anita Rendel Family Limited Partnership (the"Proposed Landlord") (proposed landlord name)

and the Landlord consents to this assignment;

it is agreed as follows:

1. The Present Landlord hereby assigns all its right and interest in the Lease(s) of the Present Tenant(s) to the Proposed Landlord.

2. The Present Landlord hereby consents to the assignment.

3. The Present Landlord covenants with the Proposed Landlord and Present Tenants to observe and perform all the terms of the Lease(s).

4. Nothing in this assignment operates to release the Present Tenant(s) from its obligation and liabilities under the Lease(s).

5. This assignment binds and benefits the parties and their respective heirs, executors, administrators, personal representatives, successors and assigns.

Executed in triplicate under seal on November 5, 1997
(date)

Signed, sealed, and delivered in the presence of:

(signature of witness)) (signature of present tenant)
for the Present Landlord) The Present Tenant-Freeway

(signature of witness)) (signature of present tenant)
for the Proposed Landlord) The Present Tenant-Great American

(signature of present landlord)
The Landlord - Herb Rendel

9711140130

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

Filed for Record at Request of:
When recorded, return to:
STERLING SAVINGS ASSOCIATION
Commercial Loan Department
111 N. WALL STREET
SPOKANE, WA 99201-0696

MEMORANDUM OF LEASE

This is a Memorandum of that certain unrecorded Lease effective **APRIL 15, 1993**, by and between **HERBERT A. RENDEL and ANITA M. RENDEL**, as Lessor, whose interest was assigned to **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP** by instrument recorded November _____, 1997, under Pierce County Auditor's File No. _____, and **GREAT AMERICAN RV CENTER, INC.**, a Washington corporation, as Lessee concerning property situated in **PIERCE** County, State of Washington described as:

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:
Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet to the "true point of beginning"; Thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees 42 minutes 05 seconds, an arc distance of 128.22 feet; Thence continuing along said Easterly margin line radially North 58 degrees 01 minutes 14 seconds West a distance of 25.00 feet; Thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees 05 minutes 42 seconds, an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); Thence South 00 degrees 00 minutes 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured at right angles) of W.S.H.D. Station 5+00 AL27 line; Thence North 78 degrees 00 minutes 15 seconds East a distance of 23.70 feet; Thence South 11 degrees 59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

9711140130

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A Rendel
Herbert A. Rendel, General Partner

BY: Anita M Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: **HERBERT A. RENDEL and ANITA M. RENDEL**, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A Lause
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

WENDY A. LAUSE
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
APRIL 6, 2000

9711140130

IS LESS CLEAR THAN THIS NOTICE.

Filed for Record at Request of
When recorded, return to
STERLING SAVINGS ASSOCIATION
Commercial Loan Department
111 N. WALL STREET
SPOKANE, WA 99201-0696

MEMORANDUM OF LEASE

This is a Memorandum of that certain unrecorded Lease effective **JUNE 10, 1992**, by and between **HERBERT A. RENDEL** and **ANITA M. RENDEL**, as Lessor, whose interest was assigned to **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP** by instrument recorded November _____, 1997, under Pierce County Auditor's File No. _____, and **FREEWAY TRAILER SALES, INC.**, a Washington corporation, as Lessee concerning property situated in **PIERCE** County, State of Washington described as

PARCEL "A"

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

Beginning at the intersection point of the Easterly margin of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road), said point having a back tangent bearing of North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet, Thence South 61 degrees 52 minutes 10 seconds East a distance of 168 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to the intersect point on said North margin line of 12th Street East; Thence South 88 degrees 15 minutes 39 seconds West along said North margin line a distance of 130 feet, more or less, to the point of beginning.

PARCEL "B"

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet to the "true point of beginning"; Thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees 42 minutes 05 seconds, an arc distance of 128.22 feet; Thence continuing along said Easterly margin line radially North 58 degrees 01 minutes 14 seconds West a distance of 25.00 feet; Thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees 05 minutes 42 seconds, an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); Thence South 00 degrees 00 minutes 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured at right angles) of W.S.H.D. Station 5+00 AL27 line; Thence North 78 degrees 00 minutes 15 secondr East a distance of 23.70 feet; Thence South 11 degrees

NOTICE: IF THE DOCUMENT ... IT IS DUE TO THE QUALITY OF THE DOCUMENT

PARCEL "B" continued

59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 1319 70th Avenue and 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054; 04-20-05-3-018

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A. Rendel
Herbert A. Rendel, General Partner

BY: Anita M. Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

WENDY A. LAISE NOTARY PUBLIC COMMISSION EXPIRES

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: HERBERT A. RENDEL and ANITA M. RENDEL, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A. Laise
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

9711140130

THIS DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE. QUALITY OF THE DOCUMENT.

(1)

9711140130

BK 1412PG3294

97 NOV 14 AM 9:01

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR

Return Address

Name Herbert Rendel

Address 7100 Pacific Highway East

City, State ,Zip Milton, WA 98354

Document Title(s) (or transactions contained therein):

(RTC) 41417

1. Assignment of Lease
2.
3.
4.

Reference Number(s) of Documents assigned or released:
(on page _____ of documents(s))

Grantor(s) (Last name first, then first name and initials)

1. Rendel, Herbert A. (Landlord)
2. Rendel, Anita M. (Landlord)
3.
4.
5. Additional names on page _____ of document.

Grantee(s) (Last name first, then first name and initials)

1. The Herbert and Anita Rendel Family Limited Partnership
2.
3.
4.
5. Additional names on page _____ of document.

Legal description (abbreviated: i.e. lot, block, plat or section, township, range)
Portion of SW 1/4 of SW 1/4 of Sec. 5, T20N, R4E, W.M.
Additional legal is on page 3 & 5 & 6 of document.

Assessor's Property Tax Parcel/Account Number
04-20-05-3-057 , 04-20-05-3-054 and 04-20-05-3-018
Additional legal is on page _____ of document.

The Auditor/Recorder will rely on the information provided on the form. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.

WASHINGTON STATE COUNTY AUDITOR/RECORDER'S
INDEXING FORM (Cover Sheet)

Form 7265-2

9711140130

13

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE.
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ASSIGNMENT OF LEASE

Whereas

Herbert A. and Anita M. Rendel (the"Landlord")
(landlord name)

and

Freeway Trailer Sales, Inc. (the"Present Tenant")
(present tenant name)

Great American RV, Inc. (the"Present Tenant")
(present tenant name)

have entered into the Lease(s) attached;

And whereas the Present Landlord wishes to assign its rights and interest in the Lease(s) to

The Herbert and Anita Rendel Family Limited Partnership (the"Proposed Landlord") (proposed landlord name)

and the Landlord consents to this assignment;

it is agreed as follows:

1. The Present Landlord hereby assigns all its right and interest in the Lease(s) of the Present Tenant(s) to the Proposed Landlord.

2. The Present Landlord hereby consents to the assignment.

3. The Present Landlord covenants with the Proposed Landlord and Present Tenants to observe and perform all the terms of the Lease(s).

4. Nothing in this assignment operates to release the Present Tenant(s) from its obligation and liabilities under the Lease(s).

5. This assignment binds and benefits the parties and their respective heirs, executors, administrators, personal representatives, successors and assigns.

Executed in triplicate under seal on November 5, 1997
(date)

Signed, sealed, and delivered in the presence of:

(signature of witness)) (signature of present tenant)
for the Present Landlord) The Present Tenant-Freeway

(signature of witness)) (signature of present tenant)
for the Proposed Landlord) The Present Tenant-Great American

(signature of present landlord)
The Landlord - Herb Rendel

9711140130

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Filed for Record at Request of:
When recorded, return to:
STERLING SAVINGS ASSOCIATION
Commercial Loan Department
111 N. WALL STREET
SPOKANE, WA 99201-0696

MEMORANDUM OF LEASE

This is a Memorandum of that certain unrecorded Lease effective **APRIL 15, 1993**, by and between **HERBERT A. RENDEL and ANITA M. RENDEL**, as Lessor, whose interest was assigned to **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP** by instrument recorded November _____, 1997, under Pierce County Auditor's File No. _____, and **GREAT AMERICAN RV CENTER, INC.**, a Washington corporation, as Lessee concerning property situated in **PIERCE** County, State of Washington described as:

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:
Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet to the "true point of beginning"; Thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees 42 minutes 05 seconds, an arc distance of 128.22 feet; Thence continuing along said Easterly margin line radially North 58 degrees 01 minutes 14 seconds West a distance of 25.00 feet; Thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees 05 minutes 42 seconds, an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); Thence South 00 degrees 00 minutes 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured at right angles) of W.S.H.D. Station 5+00 AL27 line; Thence North 78 degrees 00 minutes 15 seconds East a distance of 23.70 feet; Thence South 11 degrees 59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

9711140130

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Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A Rendel
Herbert A. Rendel, General Partner

BY: Anita M Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: **HERBERT A. RENDEL and ANITA M. RENDEL**, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A Lause
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

WENDY A. LAUSE
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
APRIL 6, 2000

9711140130

IS LESS CLEAR THAN THIS NOTICE.

Filed for Record at Request of
When recorded, return to
STERLING SAVINGS ASSOCIATION
Commercial Loan Department
111 N. WALL STREET
SPOKANE, WA 99201-0696

MEMORANDUM OF LEASE

This is a Memorandum of that certain unrecorded Lease effective **JUNE 10, 1992**, by and between **HERBERT A. RENDEL** and **ANITA M. RENDEL**, as Lessor, whose interest was assigned to **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP** by instrument recorded November _____, 1997, under Pierce County Auditor's File No. _____, and **FREEWAY TRAILER SALES, INC.**, a Washington corporation, as Lessee concerning property situated in **PIERCE** County, State of Washington described as

PARCEL "A"

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

Beginning at the intersection point of the Easterly margin of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road), said point having a back tangent bearing of North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet, Thence South 61 degrees 52 minutes 10 seconds East a distance of 168 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to the intersect point on said North margin line of 12th Street East; Thence South 88 degrees 15 minutes 39 seconds West along said North margin line a distance of 130 feet, more or less, to the point of beginning.

PARCEL "B"

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

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NOTICE: IF THE DOCUMENT ... IT IS DUE TO THE QUALITY OF THE DOCUMENT

PARCEL "B" continued

59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 1319 70th Avenue and 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054; 04-20-05-3-018

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A. Rendel
Herbert A. Rendel, General Partner

BY: Anita M. Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

WENDY A. LAISE NOTARY PUBLIC COMMISSION EXPIRES

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: HERBERT A. RENDEL and ANITA M. RENDEL, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A. Laise
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

9711140130

THIS DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE. QUALITY OF THE DOCUMENT.

202102110086
Electronically Recorded
Pierce County, WA RJOHNSO
02/11/2021 8:53 AM
Pages: 4 Fee: $106.50

After recording return document to:

State of Washington
Department of Transportation
Real Estate Services
P O Box 47338
Olympia WA 98504-7338

F.A.T.C.O.
2509584

Document Title: Release of Lease
Reference Number of Related Document: 9711140130
Grantor: Freeway Trailer Sales, Inc.
Grantee: State of Washington, Department of Transportation
Legal Description: SW Sec. 5, Twp. 20N, Rg. 4E
Additional Legal Description is on Pages 3 & 4 of Document
Assessor's Tax Parcel Number: 042005-3075 & 042005-3076

RELEASE OF LEASE

SR 5 54TH AVENUE INTERCHANGE TO PORTER WAY VICINITY
SR 99 70TH AVE. E. INTERSECTION

Freeway Trailer Sales, Inc., a Washington corporation, being the Lessee, under that certain unrecorded lease dated **January 1, 2013,** executed by Lessee and **Herbert & Anita Rendel, LLC,** as Lessor, for and in sufficient consideration releases all rights, title, interest, claim or demand whatsoever it may have acquired by virtue of said lease to the **State of Washington, acting by and through its Department of Transportation** in the following described property situated in Pierce County, State of Washington:

For legal description and additional conditions
See Exhibit A attached hereto and made a part hereof.

FA No. N/A
Project No. 316707T
Parcel No. 3-10670

RELEASE OF LEASE

LESSEE:
Freeway Trailer Sales, Inc.

By: H. Michael Rendel

Its: President

Accepted and Approved

STATE OF WASHINGTON
Department of Transportation

By: Lois Gilchrist
Lois Gilchrist
Acting Olympic Region Real Estate
Services Manager

Date: 12/18/2020

STATE OF WASHINGTON)
: ss
County of PIERCE)

On this 14TH day of OCTOBER before me personally appeared **H. Michael Rendel** to me known to be the **President** of the corporation that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that **he** is authorized to execute said instrument.

GIVEN under my hand and official seal the day and year last above written.

(SEAL)

DARYL A DEUTSCH
NOTARY PUBLIC
03-10-21
STATE OF WASHINGTON

Notary Public in and for the State of
Washington, residing at KING COUNTY

My commission expires 3/10/21

RELEASE OF LEASE

EXHIBIT A

Parcel A:

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington, described as follows:

Beginning at the intersection point of the Easterly margin of Pacific Highway South with the North margin of 12th Street East (a.k.a. Barth Road), said point having a back tangent bearing of North 19°35'01" East; thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8°41'40", an arc distance of 301.19 feet; thence South 61°52'10" East a distance of 168 feet, more or less to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); thence Northeasterly along said Westerly margin line to the intersect point of said North margin line of 12th Street East; thence South 88°15'39" West along said North margin line a distance of 130 feet, more or less to the point of beginning.

(Also known as Revised Parcel A of Lot Line Adjustment recorded November 27, 1991 under Recording No. 9111270607)

Parcel B:

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington described as follows:

Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing of North 19°35'01" East; thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8°41'40", an arc distance of 301.19 feet to the "true point of beginning"; thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3°42'05", an arc distance of 128.22 feet; thence continuing along said Easterly margin line radially North 58°01'14" West a distance of 25.00 feet; thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2°05'42", an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); thence South 00°00'15" East along said margin line a distance of 160.98 feet to a point East (as measured by right angles) of W.S.H.D. Station 5+00 AL27 line; thence North 78°00'15" East a distance of 23.70 feet;

RELEASE OF LEASE

thence South 11°59'45" East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less to the Westerly margin line of Primary State Highway No. 1 (Interstate 5);
thence Northeasterly along said Westerly margin line to intersect a line bearing South 61°52'10" from the "true point of beginning"; thence North 61°52'10" West to the "true point of beginning".

(Also known as Revised Parcel B of Lot Line Adjustment recorded November 27, 1991 under Recording No. 9111270607)

Grantor's Initials

(1)

9711140130

BK 1412PG3294

97 NOV 14 AM 9:01

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR

Return Address

Name Herbert Rendel

Address 7100 Pacific Highway East

City, State ,Zip Milton, WA 98354

Document Title(s) (or transactions contained therein):

(RTC) 41417

1. Assignment of Lease
2.
3.
4.

Reference Number(s) of Documents assigned or released:
(on page _____ of documents(s))

Grantor(s) (Last name first, then first name and initials)

1. Rendel, Herbert A. (Landlord)
2. Rendel, Anita M. (Landlord)
3.
4.
5. Additional names on page _____ of document.

Grantee(s) (Last name first, then first name and initials)

1. The Herbert and Anita Rendel Family Limited Partnership
2.
3.
4.
5. Additional names on page _____ of document.

Legal description (abbreviated: i.e. lot, block, plat or section, township, range)
Portion of SW 1/4 of SW 1/4 of Sec. 5, T20N, R4E, W.M.
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ASSIGNMENT OF LEASE

Whereas

Herbert A. and Anita M. Rendel (the"Landlord")
(landlord name)

and

Freeway Trailer Sales, Inc. (the"Present Tenant")
(present tenant name)

Great American RV, Inc. (the"Present Tenant")
(present tenant name)

have entered into the Lease(s) attached;

And whereas the Present Landlord wishes to assign its rights and interest in the Lease(s) to

The Herbert and Anita Rendel Family Limited Partnership (the"Proposed Landlord") (proposed landlord name)

and the Landlord consents to this assignment;

it is agreed as follows:

1. The Present Landlord hereby assigns all its right and interest in the Lease(s) of the Present Tenant(s) to the Proposed Landlord.

2. The Present Landlord hereby consents to the assignment.

3. The Present Landlord covenants with the Proposed Landlord and Present Tenants to observe and perform all the terms of the Lease(s).

4. Nothing in this assignment operates to release the Present Tenant(s) from its obligation and liabilities under the Lease(s).

5. This assignment binds and benefits the parties and their respective heirs, executors, administrators, personal representatives, successors and assigns.

Executed in triplicate under seal on November 5, 1997
(date)

Signed, sealed, and delivered in the presence of:

(signature of witness)) (signature of present tenant)
for the Present Landlord) The Present Tenant-Freeway

(signature of witness)) (signature of present tenant)
for the Proposed Landlord) The Present Tenant-Great American

(signature of present landlord)
The Landlord - Herb Rendel

9711140130

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SPOKANE, WA 99201-0696

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COMMONLY KNOWN AS: 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054

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BY: Herbert A Rendel
Herbert A. Rendel, General Partner

BY: Anita M Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

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WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A Lause
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

WENDY A. LAUSE
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
APRIL 6, 2000

9711140130

IS LESS CLEAR THAN THIS NOTICE.

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PARCEL "A"

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

Beginning at the intersection point of the Easterly margin of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road), said point having a back tangent bearing of North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet, Thence South 61 degrees 52 minutes 10 seconds East a distance of 168 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to the intersect point on said North margin line of 12th Street East; Thence South 88 degrees 15 minutes 39 seconds West along said North margin line a distance of 130 feet, more or less, to the point of beginning.

PARCEL "B"

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet to the "true point of beginning"; Thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees 42 minutes 05 seconds, an arc distance of 128.22 feet; Thence continuing along said Easterly margin line radially North 58 degrees 01 minutes 14 seconds West a distance of 25.00 feet; Thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees 05 minutes 42 seconds, an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); Thence South 00 degrees 00 minutes 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured at right angles) of W.S.H.D. Station 5+00 AL27 line; Thence North 78 degrees 00 minutes 15 secondr East a distance of 23.70 feet; Thence South 11 degrees

NOTICE: IF THE DOCUMENT ... IT IS DUE TO THE QUALITY OF THE DOCUMENT

PARCEL "B" continued

59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 1319 70th Avenue and 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054; 04-20-05-3-018

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A. Rendel
Herbert A. Rendel, General Partner

BY: Anita M. Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

WENDY A. LAISE NOTARY PUBLIC COMMISSION EXPIRES

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: HERBERT A. RENDEL and ANITA M. RENDEL, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A. Laise
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

9711140130

THIS DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE. QUALITY OF THE DOCUMENT.

(1)

9711140130

BK 1412PG3294

97 NOV 14 AM 9:01

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR

Return Address

Name Herbert Rendel

Address 7100 Pacific Highway East

City, State ,Zip Milton, WA 98354

Document Title(s) (or transactions contained therein):

(RTC) 41417

1. Assignment of Lease
2.
3.
4.

Reference Number(s) of Documents assigned or released:
(on page _____ of documents(s))

Grantor(s) (Last name first, then first name and initials)

1. Rendel, Herbert A. (Landlord)
2. Rendel, Anita M. (Landlord)
3.
4.
5. Additional names on page _____ of document.

Grantee(s) (Last name first, then first name and initials)

1. The Herbert and Anita Rendel Family Limited Partnership
2.
3.
4.
5. Additional names on page _____ of document.

Legal description (abbreviated: i.e. lot, block, plat or section, township, range)
Portion of SW 1/4 of SW 1/4 of Sec. 5, T20N, R4E, W.M.
Additional legal is on page 3 & 5 & 6 of document.

Assessor's Property Tax Parcel/Account Number
04-20-05-3-057 , 04-20-05-3-054 and 04-20-05-3-018
Additional legal is on page _____ of document.

The Auditor/Recorder will rely on the information provided on the form. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.

WASHINGTON STATE COUNTY AUDITOR/RECORDER'S
INDEXING FORM (Cover Sheet)

Form 7265-2

9711140130

13

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE.
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

ASSIGNMENT OF LEASE

Whereas

Herbert A. and Anita M. Rendel (the"Landlord")
(landlord name)

and

Freeway Trailer Sales, Inc. (the"Present Tenant")
(present tenant name)

Great American RV, Inc. (the"Present Tenant")
(present tenant name)

have entered into the Lease(s) attached;

And whereas the Present Landlord wishes to assign its rights and interest in the Lease(s) to

The Herbert and Anita Rendel Family Limited Partnership (the"Proposed Landlord") (proposed landlord name)

and the Landlord consents to this assignment;

it is agreed as follows:

1. The Present Landlord hereby assigns all its right and interest in the Lease(s) of the Present Tenant(s) to the Proposed Landlord.

2. The Present Landlord hereby consents to the assignment.

3. The Present Landlord covenants with the Proposed Landlord and Present Tenants to observe and perform all the terms of the Lease(s).

4. Nothing in this assignment operates to release the Present Tenant(s) from its obligation and liabilities under the Lease(s).

5. This assignment binds and benefits the parties and their respective heirs, executors, administrators, personal representatives, successors and assigns.

Executed in triplicate under seal on November 5, 1997
(date)

Signed, sealed, and delivered in the presence of:

(signature of witness)) (signature of present tenant)
for the Present Landlord) The Present Tenant-Freeway

(signature of witness)) (signature of present tenant)
for the Proposed Landlord) The Present Tenant-Great American

(signature of present landlord)
The Landlord - Herb Rendel

9711140130

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

Filed for Record at Request of:
When recorded, return to:
STERLING SAVINGS ASSOCIATION
Commercial Loan Department
111 N. WALL STREET
SPOKANE, WA 99201-0696

MEMORANDUM OF LEASE

This is a Memorandum of that certain unrecorded Lease effective **APRIL 15, 1993**, by and between **HERBERT A. RENDEL and ANITA M. RENDEL**, as Lessor, whose interest was assigned to **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP** by instrument recorded November _____, 1997, under Pierce County Auditor's File No. _____, and **GREAT AMERICAN RV CENTER, INC.**, a Washington corporation, as Lessee concerning property situated in **PIERCE** County, State of Washington described as:

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:
Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing North 19 degrees 35 minutes 01 seconds East; Thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees 41 minutes 40 seconds, an arc distance of 301.19 feet to the "true point of beginning"; Thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees 42 minutes 05 seconds, an arc distance of 128.22 feet; Thence continuing along said Easterly margin line radially North 58 degrees 01 minutes 14 seconds West a distance of 25.00 feet; Thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees 05 minutes 42 seconds, an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); Thence South 00 degrees 00 minutes 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured at right angles) of W.S.H.D. Station 5+00 AL27 line; Thence North 78 degrees 00 minutes 15 seconds East a distance of 23.70 feet; Thence South 11 degrees 59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

9711140130

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A Rendel
Herbert A. Rendel, General Partner

BY: Anita M Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: **HERBERT A. RENDEL and ANITA M. RENDEL**, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A Lause
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

WENDY A. LAUSE
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
APRIL 6, 2000

9711140130

IS LESS CLEAR THAN THIS NOTICE.

Filed for Record at Request of
When recorded, return to
STERLING SAVINGS ASSOCIATION
Commercial Loan Department
111 N. WALL STREET
SPOKANE, WA 99201-0696

MEMORANDUM OF LEASE

This is a Memorandum of that certain unrecorded Lease effective **JUNE 10, 1992**, by and between **HERBERT A. RENDEL** and **ANITA M. RENDEL**, as Lessor, whose interest was assigned to **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP** by instrument recorded November _____, 1997, under Pierce County Auditor's File No. _____, and **FREEWAY TRAILER SALES, INC.**, a Washington corporation, as Lessee concerning property situated in **PIERCE** County, State of Washington described as

PARCEL "A"

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

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PARCEL "B"

That portion of the following described tract, lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest corner of SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST of the W.M., in Pierce County, Washington, described as follows:

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NOTICE: IF THE DOCUMENT ... IT IS DUE TO THE QUALITY OF THE DOCUMENT

PARCEL "B" continued

59 minutes 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); Thence Northeasterly along said Westerly margin line to intersect point of beginning; Thence North 61 degrees 52 minutes 10 seconds West to the "true point of beginning".

COMMONLY KNOWN AS: 1319 70th Avenue and 7100 Pacific Hwy. East
Milton, WA 98354

Parcel #04-20-05-3-057; 04-20-05-3-054; 04-20-05-3-018

For good and valuable consideration, Lessor leased the premises to Lessee, all upon the terms and conditions set forth in said unrecorded Lease.

In addition, said unrecorded Lease was in turn assigned by the Lessor on November 10, 1997, to **Sterling Savings Association**.

Provisions in this Memorandum shall not be used in interpreting the Lease and in the event of a conflict between this Memorandum and the unrecorded Lease, the unrecorded Lease shall control, as this Memorandum is not a complete summary of the Lease.

Lessor: **THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP**

BY: Herbert A. Rendel
Herbert A. Rendel, General Partner

BY: Anita M. Rendel
Anita M. Rendel, General Partner

ACKNOWLEDGMENT

STATE OF WASHINGTON)
)ss.
COUNTY OF Pierce)

WENDY A. LAISE NOTARY PUBLIC COMMISSION EXPIRES

On this 10 day of November, 1997, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared: HERBERT A. RENDEL and ANITA M. RENDEL, to me known to be the General Partners of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP, that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act of said Limited Partnership and was executed with full authority.

WITNESS WHEREOF, my hand and official seal the day and year first above written.

Wendy A. Laise
Notary Public in and for the State of Washington

Residing at Tacoma

My commission expires April 6 2000

9711140130

THIS DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE. QUALITY OF THE DOCUMENT.

200711090303 3 PGS
11/09/2007 2:05pm $42.00
PIERCE COUNTY, WASHINGTON

AFTER RECORDING MAIL TO:

BROWN, YANDO & KAMPBELL, PLLC
4041 Ruston Way, #200
Tacoma, WA 98402

Document Title:	Quit Claim Deed
Grantor:	THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP DATED 12/23/1995
Grantee:	HERBERT AND ANITA RENDEL, LLC, a Washington limited liability company
Legal Description:	Section 5, Township 20, Range 04; Quarter 33; Parcels A & B of DBLR 91-11-27-0607

Legal Description is on Pages 1-3 of Document.

Parcel Number: 042005 307 5 and 042005 307 6

QUIT CLAIM DEED

THE GRANTOR, H. MICHAEL RENDEL, as managing partner of THE HERBERT AND ANITA RENDEL FAMILY LIMITED PARTNERSHIP DATED 12/23/1995, does hereby convey and Quit Claim to the HERBERT AND ANITA RENDEL, LLC, the following described real estate, situated in the County of Pierce, State of Washington, including any interest therein which Grantor may hereafter acquire:

Parcel No.: 042005 307 5 (Parcel "A") 7100 Pacific Hwy. E., Milton)

That portion of the following described tract lying westerly of primary State Highway No. 1 (Interstate 5) and easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington, described as follows:

4177190 3 PGS
11/09/2007 10:26am KARCENE
EXCISE COLLECTED:$0.00 PRO.FEE:$5.00
PAT MCCARTHY, AUDITOR
PIERCE COUNTY, WA STATE FEE:$5.00

42

Beginning at the intersection point of the easterly margin of Pacific Highway South with the North margin line of 12th Street East (A.K.A. Garth Road), said point having a back tangent bearing of North 19 degrees, 35 minutes, 01 seconds East;
Thence southwesterly along said easterly margin line through a curve to the right having a radius of 1984.06 feet, a central angle of 8 degrees, 41 minuts, 40 seconds, an arc distance of 301.19 feet;
Thence South 61 degrees, 52 minutes, 10 seconds East a distance of 168 feet, more or less to the westerly margin line of primary State Highway No. 1 (Interstate 5);
Thence northeasterly along said westerly margin line to the intersect point of said North margin line of 12th Street East;
Thence South 58 degrees, 15 minutes, 39 seconds West along said North margin line a distance of 130 feet, more or less, to the point of beginning.

Parcel No. 042005 307 6 (Parcel "B")

That portion of the following described tract lying westerly of primary State Highway No. 1 (Interstate 5) and easterly of Pacific Highway South (Old Highway 99) in the southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington, described as follows:

Commencing at the intersection point of the easterly margin line of Pacific Highway South with the North margin line of 12th Street East (A.K.A. Garth Road) said point having a back tangent bearing of North 19 degrees, 35 minutes, o1 seconds East;
Thence southwesterly along said easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8 degrees, 41 minutes, 40 seconds, an arc distance of 301.19 feet to the "true point of beginning";
Thence continuing southwesterly along said easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3 degrees, 42 minutes, 05 seconds, an arc distance of 128.22 feet;
Thence continuing along said easterly margin line radially North 58 degrees, 01 minutes, 14 seconds West a distance of 25.00 feet;
Thence continuing along said easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2 degrees, 05 minutes, 42 seconds, an arg distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (A.K.A. Ardena Road);
Thence South 00 degrees, 00 minutes, 15 seconds East along said margin line a distance of 160.98 feet to a point East (as measured by right angles) of W.S.H.D. station 5+00 AL27 line;
Thence North 78 degrees, 00 minutes, 15 seconds East a distance of 23.70 feet;

Thence South 11 degrees, 59 minutes, 45 seconds East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less, to the westerly margin line of primary State Highway No. 1 (Interstate 5);
Thence northeasterly along said westerly margin line to intersect a point of beginning;

Both situate in the County of Pierce, State of Washington.

DATED this 7 day of Nov., 2007.

THE HERBERT AND ANITA RENDEL
FAMILY LIMITED PARTNERSHIP

By: H. Michael Rendel
H. MICHAEL RENDEL
Managing Partner

STATE OF WASHINGTON)
) ss.
County Of Pierce)

On this day personally appeared before me H. MICHAEL RENDEL, to me known to be the managing partner of THE HERBERT AND ANITAL RENDEL FAMILY LIMITED PARTNERSHIP, described in and who executed the within and foregoing instrument, and acknowledged that he signed the same, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 7 day of November 2007.

DAVID A. YANDO
COMMISSION EXPIRES
NOTARY
PUBLIC
04-10-10
STATE OF WASHINGTON

NOTARY PUBLIC in and for the State of Washington, residing at Puyallup WA
My commission expires: 4/10/10
Printed Name: David A. Yando

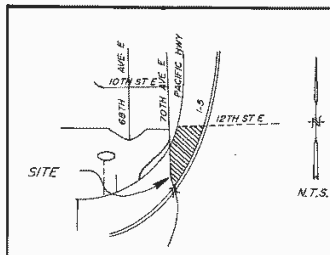

VICINITY MAP NO SCALE

THIS LOT LINE ADJUSTMENT IS MADSE WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE OWNERS.

Herbert A Rendel

Anita M. Rendel

ACKNOWLEDGEMENT

STATE OF WASHINGTON, COUNTY OF PIERCE
SIGNED AND SEALED BEFORE ME THIS 26th DAY OF Nov., 1991.
AS THEIR FREE AND VOLUNTARY ACT AND DEED FOR _____ PURPOSES

WITNESS MY HANDAND SEAL THE DAY AND YEAR FIRST ABOVE WRITTEN

Gerald R. Haley

NOTARY PUBLIC IN AND FOR THE STATE OF WASHINGTON.
RESIDING AT Tacoma, WA.

LOT LINE ADJUSTMENT
CITY OF MILTON

PUBLIC WORKS DEPARTMENT

Darwin R. Myers — 11-18-91
PUBLIC WORKS DIRECTOR — DATE

CITY OF MILTON

Jean Kiankuma — 11/18/91
MAYOR — DATE

Deborah M. Crofler — Nov. 18, 1991
CLERK — DATE

SW 1/4, SEC. 5, T. 20 N., R. 4 E., W.M.

ORIGINAL PARCELS

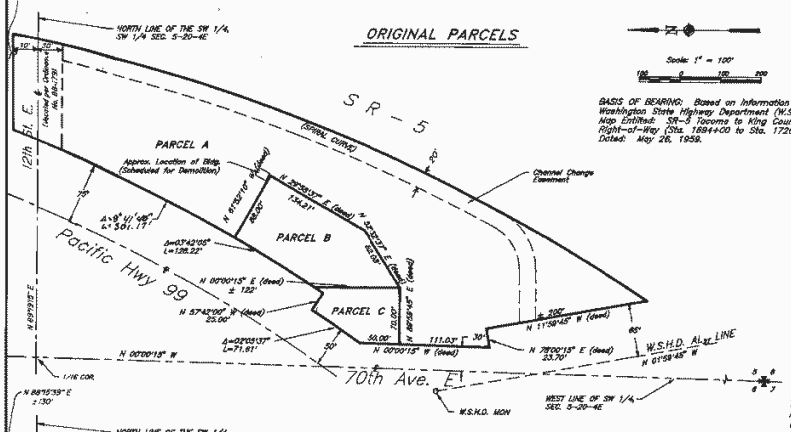

REVISED PARCELS

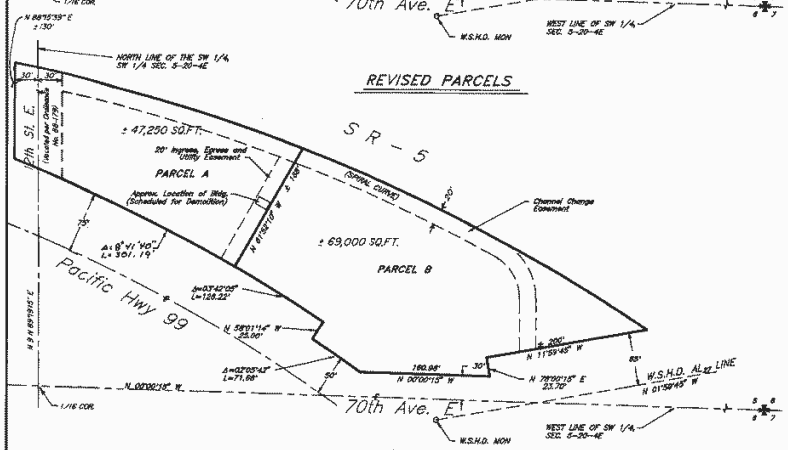

ORIGINAL LEGAL DESCRIPTIONS

PARCEL A
THAT PORTION OF THE FOLLOWING DESCRIBED PROPERTY LYING BETWEEN PRIMARY STATE HIGHWAY NO. 1 (INTERSTATE 5) AND PACIFIC HIGHWAY SOUTH (OLD HIGHWAY 99) IN THE SOUTHWEST QUARTER OF SECTION 5, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON.

BEGINNING ON THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 5, AT A POINT 761 FEET WEST OF THE NORTHEAST CORNER THEREOF; THENCE SOUTH PARALLEL WITH THE EAST LINE OF SAID SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER TO THE NORTHERLY LINE OF PUGET SOUND ELECTRIC RAILWAY CO.RIGHT-OF-WAY; THENCE WESTERLY ALONG THE NORTHERLY LINE OF SAID RIGHT-OF-WAY TO THE EAST LINE OF ARDENA COUNTY ROAD, ALSO KNOWN AS BENSON ROAD, SAID EAST LINE BEING 30 FEET EAST OF THE WEST LINE OF SAID SECTION 5; THENCE NORTH ON SAID EAST LINE OF ROAD TO THE SOUTH LINE OF THAT CERTAIN PROPERTY CONVEYED TO ANDREW J. SCHILLING ET AL, BY DEED RECORDED DECEMBER 23, 1946 UNDER AUDITOR'S FILE NO. 1423537; THENCE EAST ON THE SOUTH LINE OF SAID PROPERTY 60 FEET TO THE SOUTHEAST CORNER THEREOF; THENCE N 52°32'37" E A DISTANCE OF 82.08 FEET; THENCE N 29°58'27" E A DISTANCE OF 134.21 FEET; THENCE N 61°52'10" W A DISTANCE OF 88.00 FEET TO THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF PACIFIC HIGHWAY SOUTH (OLD HIGHWAY 99); THENCE ON SAID SOUTHEASTERLY LINE NORTHEASTERLY TO THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 5; THENCE EAST ON SAID NORTH LINE TO THE POINT OF BEGINNING.

TOGETHER WITH VACATED 12TH STREET EAST PER ORDINANCE NO. 88-179.

EXCEPT ALL THAT PORTION CONVEYED TO THE STATE OF WASHINGTON FOR INTERSTATE HIGHWAY 5 BY DEED RECORDED NOVEMBER 14, 1959 UNDER AUDITOR'S NO. 1872829.

ALSO EXCEPT THOSE PORTIONS CONVEYED TO THE STATE OF WASHINGTON FOR ADDITIONAL RIGHTS-OF-WAY FOR PACIFIC HIGHWAY SOUTH (OLD HIGHWAY 99) BY INSTRUMENT RECORDED UNDER AUDITOR'S NO. 9571144.

PARCEL B
COMMENCING AT THE SOUTHWEST CORNER OF SECTION 5; THENCE NORTH 906.93 FEET TO THE SOUTHEASTERLY RIGHT-OF-WAY OF THE STATE HIGHWAY; THENCE N 36°48'42" E 52.80 FEET ALONG SAID RIGHT-OF-WAY TO THE INTERSECTION WITH THE EAST LINE OF SAID COUNTY ROAD, SAID POINT BEING THE "TRUE POINT OF BEGINNING"; THENCE SOUTH 50 FEET ALONG THE OLD EAST LINE OF ARDENA ROAD; THENCE N 89°59'45" E 70 FEET; THENCE N 52°32'37" E 82.08 FEET; THENCE N 29°58'13" E 134.21 FEET; THENCE N 61°52'10" W 88 FEET TO THE SOUTHEASTERLY RIGHT-OF-WAY OF SAID STATE HIGHWAY; THENCE S 29°58'55" W 128.28 FEET ALONG SAID RIGHT-OF-WAY; THENCE N 57°42'00" W 25 FEET ALONG STATE HIGHWAY RIGHT-OF-WAY LINE; THENCE S 33°19'05" W 71.70 FEET MORE OR LESS ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY LINE OF STATE HIGHWAY TO THE TRUE POINT OF BEGINNING, EXCEPT THE FOLLOWING: BEGINNING AT THE INTERSECTION OF SOUTHEASTERLY LINE OF PACIFIC HIGHWAY AND THE EAST LINE OF BENSON COUNTY ROAD; THENCE SOUTH ALONG THE EAST LINE OF SAID ROAD 50 FEET; THENCE EAST AT RIGHT ANGLES 70 FEET; THENCE NORTH PARALLEL TO SAID COUNTY ROAD 122 FEET; THENCE NORTHWESTERLY 48 FEET MORE OR LESS TO A POINT ON THE SOUTHEASTERLY LINE OF SAID STATE HIGHWAY TO THE POINT OF BEGINNING.

PARCEL C
BEGINNING AT THE INTERSECTION OF THE SOUTHEASTERLY LINE OF STATE HIGHWAY AND THE EAST LINE OF BENSON COUNTY ROAD; THENCE SOUTH ALONG THE EAST LINE OF SAID ROAD 50 FEET; THENCE EAST AT RIGHT ANGLES 70 FEET; THENCE NORTH PARALLEL TO SAID COUNTY ROAD 122 FEET; THENCE NORTHWESTERLY 48 FEET MORE OR LESS TO A POINT ON THE SOUTHEASTERLY LINE OF SAID STATE HIGHWAY; THENCE SOUTHWESTERLY ALONG SAID HIGHWAY 100 FEET TO THE POINT OF BEGINNING.

REVISED LEGAL DESCRIPTIONS

PARCEL A
THAT PORTION OF THE FOLLOWING DESCRIBED TRACT LYING WESTERLY OF PRIMARY STATE HIGHWAY NO. 1 (INTERSTATE 5) AND EASTERLY OF PACIFIC HIGHWAY SOUTH (OLD HIGHWAY 99) IN THE SW 1/4 OF SECTION 5, T. 20 N., R. 4 E., W.M., PIERCE COUNTY, WASHINGTON DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION POINT OF THE EASTERLY MARGIN OF PACIFIC HIGHWAY SOUTH WITH THE NORTH MARGIN LINE OF 12TH STREET EAST (A.K.A. BARTH ROAD); SAID POINT HAVING A BACK TANGENT BEARING OF N 19°35'01" E; THENCE SOUTHWESTERLY ALONG SAID EASTERLY MARGIN LINE THROUGH A CURVE TO THE RIGHT HAVING A RADIUS OF 1984.86 FEET, A CENTRAL ANGLE OF 8°41'40", AN ARC DISTANCE OF 301.19 FEET; THENCE S 61°52'10" E A DISTANCE OF 168 FEET, MORE OR LESS TO THE WESTERLY MARGIN LINE OF PRIMARY STATE HIGHWAY NO. 1 (INTERSTATE 5); THENCE NORTHEASTERLY ALONG SAID WESTERLY MARGIN LINE TO THE INTERSECT POINT OF SAID NORTH MARGIN LINE OF 12TH STREET EAST; THENCE S 88°15'39" W ALONG SAID NORTH MARGIN LINE A DISTANCE OF 130 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

TOGETHER WITH AND SUBJECT TO COVENANTS, EASEMENTS AND RESTRICTIONS OF RECORD.

PARCEL B
THAT PORTION OF THE FOLLOWING DESCRIBED TRACT LYING WESTERLY OF PRIMARY STATE HIGHWAY NO. 1 (INTERSTATE 5) AND EASTERLY OF PACIFIC HIGHWAY SOUTH (OLD HIGHWAY 99) IN THE SW 1/4 OF SECTION 5, T. 20 N., R. 4 E., W.M., PIERCE COUNTY, WASHINGTON DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION POINT OF THE EASTERLY MARGIN LINE OF PACIFIC HIGHWAY SOUTH WITH THE NORTH MARGIN LINE OF 12TH STREET EAST (A.K.A. BARTH ROAD) SAID POINT HAVING A BACK TANGENT BEARING OF N 19°35'01" E; THENCE SOUTHWESTERLY ALONG SAID EASTERLY MARGIN LINE THROUGH A CURVE TO THE RIGHT HAVING A RADIUS OF 1984.98 FEET, A CENTRAL ANGLE OF 8°41'40", AN ARC DISTANCE OF 301.19 FEET TO THE "TRUE POINT OF BEGINNING"; THENCE CONTINUING SOUTHWESTERLY ALONG SAID EASTERLY MARGIN LINE THROUGH A CURVE TO THE RIGHT HAVING A RADIUS OF 1984.86 FEET, A CENTRAL ANGLE OF 3°42'05", AN ARC DISTANCE OF 128.22 FEET; THENCE CONTINUING ALONG SAID EASTERLY MARGIN LINE RADIALLY N 58°01'14" W A DISTANCE OF 25.00 FEET; THENCE CONTINUING ALONG SAID EASTERLY MARGIN LINE THROUGH A CURVE TO THE RIGHT HAVING A RADIUS OF 1959.86 FEET, A CENTRAL ANGLE OF 2°05'42", AN ARC DISTANCE OF 71.68 FEET TO INTERSECT WITH THE EAST MARGIN LINE OF 70TH AVENUE EAST (A.K.A. ARDENA ROAD); THENCE S 00°00'15" E ALONG SAID MARGIN LINE A DISTANCE OF 160.98 FEET TO A POINT EAST (AS MEASURED BY RIGHT ANGLES) OF W.S.H.D. STATION 5+00 ALZZ LINE; THENCE N 78°00'15" E A DISTANCE OF 23.70 FEET; THENCE S 11°59'45" E PARALLEL WITH SAID W.S.H.D. ALZZ LINE A DISTANCE OF 200 FEET, MORE OR LESS TO THE WESTERLY MARGIN LINE OF PRIMARY STATE HIGHWAY NO. 1 (INTERSTATE 5); THENCE NORTHEASTERLY ALONG SAID WESTERLY MARGIN LINE TO INTERSECT A LINE BEARING S 61°52'10" FROM THE "TRUE POINT OF BEGINNING"; THENCE N 61°52'10" W TO THE "TRUE POINT OF BEGINNING"

TOGETHER WITH AND SUBJECT TO COVENANTS, EASEMENTS AND RESTRICTIONS OF RECORD.

NOTE:
THIS MAP DOES NOT REPRESENT A REPLAT OR SUBDIVISION.

CITY ENGINEER
Examined and approved this _____ day of _____, 199__.
City Engineer

ASSESSOR/TREASURER
I hereby certify that all state and county taxes heretofore lived against the property described hereon, according to the books and records of my office, have been fully paid and discharged.

Date 11-27-91
Wendell Brown
By S. Fajeres
Assessor / Treasurer

LAND PLANNING & USE • SUBDIVISIONS • ENGINEERING • SURVEYING
BASELINE
7017 - 27th ST. W. Suite 6
TACOMA, WA 98466
(206) 565-4491

DRAWN BY JSC	DATE 11/1/91	JOB NO. 00496-1091
CHECKED BY TCF	SCALE 1" = 100'	SHEET 1 of 1

TERRELL C. FERGUSON — STATE OF WASHINGTON — 22956 — REGISTERED PROFESSIONAL LAND SURVEYOR

SURVEYOR'S CERTIFICATE
This Lot Line Adjustment was made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of HERB RENDEL in OCT 1991.

Terrell C. Ferguson
Terrell C. Ferguson
L.S. # 22956

AUDITOR'S CERTIFICATE
Filed for record this 27 day of Nov., 1991 at 1:20 P.M in Book _____ of _____ at Page _____ at the request of TERRELL C. FERGUSON.
#38-
9111270607

Brian Sonntag by S Kosche
County Auditor

9111270607

BK 0728 PG 3051

202102110085
Electronically Recorded
Pierce County, WA RJOHNSO
02/11/2021 8:53 AM
Pages: 5 Fee: $107.50

After recording return document to:

State of Washington
Department of Transportation
Real Estate Services Office
P O Box 47338
Olympia WA 98504-7338

F.A.T.C.O.
2509584

Document Title: Warranty Deed
Reference Number of Related Document:
Grantor: Herbert & Anita Rendel, LLC
Grantee: State of Washington, Department of Transportation
Legal Description: SW Sec. 5, Twp. 20N, Rg. 4E
Additional Legal Description is on Pages 3 & 4 of Document.
Assessor's Tax Parcel Number: 042005-3075 & 042005-3076

WARRANTY DEED

SR 99 70th AVE. E. INTERSECTION
SR 5 54TH AVENUE INTERCHANGE TO PORTER WAY VICINITY

The Grantor, **Herbert & Anita Rendel, LLC, a Washington limited liability company that acquired title as Herbert and Anita Rendel, LLC** for and in consideration of the sum of TEN AND NO/100 ($10.00) Dollars, and other valuable consideration, hereby conveys and warrants to the **State of Washington, acting by and through its Department of Transportation**, Grantee, the following described real property situated in Pierce County, in the State of Washington, under the imminent threat of the Grantee's exercise of its rights of Eminent Domain:

For legal description and additional terms and conditions see attached Exhibit A, attached hereto and made a part hereof.

FA No. N/A
Project No. 316707T
Parcel No. 3-10670

4555035 EXTX
Electronically Recorded
Pierce County, WA RJOHNSO
2/11/2021 8:53 AM
Pages: 2 Excise Collected: $0.00
Proc. Fee: $5.00 Tech Fee: $5.00

WARRANTY DEED

It is understood and agreed that the property conveyed herein is conveyed subject to permitted exceptions shown on Exhibit B attached hereto and made a part hereof.

It is understood and agreed that delivery of this deed is hereby tendered and that the terms and obligations hereof shall not become binding upon the State of Washington unless and until accepted and approved hereon in writing for the State of Washington, by and through its Department of Transportation, by its authorized agent.

Dated: 10/14/2020

Herbert & Anita Rendel, LLC

By: H. Michael Rendel
H. Michael Rendel
Its: Manager

Accepted and Approved

STATE OF WASHINGTON
Department of Transportation

By: Lois Gilchrist
Lois Gilchrist
Acting Olympic Region Real Estate Services Manager

Date: 12/18/2018

STATE OF WASHINGTON)
: ss
County of PIERCE)
On this 14TH day of OCTOBER 2020, before me personally appeared **H. Michael Rendel,** to me known to be the **Manager** of **Herbert & Anita Rendel, LLC,** a Washington Limited Liability Company that executed the foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said Limited Liability Company, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute said instrument.

(SEAL) DARYL A DEUTSCH NOTARY PUBLIC STATE OF WASHINGTON COMMISSION EXPIRES 03-10-21

Notary Public in and for the State of Washington, residing at KING COUNTY
My commission expires 3/10/21

WARRANTY DEED

EXHIBIT A

Parcel A:

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington, described as follows:

Beginning at the intersection point of the Easterly margin of Pacific Highway South with the North margin of 12th Street East (a.k.a. Barth Road), said point having a back tangent bearing of North 19°35'01" East; thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 8°41'40", an arc distance of 301.19 feet; thence South 61°52'10" East a distance of 168 feet, more or less to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); thence Northeasterly along said Westerly margin line to the intersect point of said North margin line of 12th Street East; thence South 88°15'39" West along said North margin line a distance of 130 feet, more or less to the point of beginning.

(Also known as Revised Parcel A of Lot Line Adjustment recorded November 27, 1991 under Recording No. 9111270607)

Parcel B:

That portion of the following described tract lying Westerly of Primary State Highway No. 1 (Interstate 5) and Easterly of Pacific Highway South (Old Highway 99) in the Southwest quarter of Section 5, Township 20 North, Range 4 East, W.M., Pierce County, Washington described as follows:

Commencing at the intersection point of the Easterly margin line of Pacific Highway South with the North margin line of 12th Street East (a.k.a. Barth Road) said point having a back tangent bearing of North 19°35'01" East; thence Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.96 feet, a central angle of 8°41'40", an arc distance of 301.19 feet to the "true point of beginning"; thence continuing Southwesterly along said Easterly margin line through a curve to the right having a radius of 1984.86 feet, a central angle of 3°42'05", an arc distance of 128.22 feet; thence continuing along said Easterly margin line radially North 58°01'14" West a distance of 25.00 feet; thence continuing along said Easterly margin line through a curve to the right having a radius of 1959.86 feet, a central angle of 2°05'42", an arc distance of 71.66 feet to intersect with the East margin line of 70th Avenue East (a.k.a. Ardena Road); thence South 00°00'15" East along said margin line a distance of

WARRANTY DEED

160.98 feet to a point East (as measured by right angles) of W.S.H.D. Station 5+00 AL27 line; thence North 78°00'15" East a distance of 23.70 feet; thence South 11°59'45" East parallel with said W.S.H.D. AL27 line a distance of 200 feet, more or less to the Westerly margin line of Primary State Highway No. 1 (Interstate 5); thence Northeasterly along said Westerly margin line to intersect a line bearing South 61°52'10" from the "true point of beginning"; thence North 61°52'10" West to the "true point of beginning".

(Also known as Revised Parcel B of Lot Line Adjustment recorded November 27, 1991 under Recording No. 9111270607)

WARRANTY DEED

EXHIBIT B

The conveyance herein is subject to the following:

1. Waiver of all claims for damages to adjacent property by reason of the construction of a county road to be known as Ardena Road, as granted by Ida Benson, et al, to County of Pierce, State of Washington, dated __, 1934, and recorded May 2, 1947 under Auditor's File No. 1448266.

2. Relinquishment of all existing and future rights to light, view and air, together with the rights of access to and from the State Highway constructed on lands conveyed by instrument:
   Recorded: November 17, 1959
   Recording No.: 1872829
   In favor of: The State of Washington

3. The terms and provisions contained in the document entitled "Permit to Construct Channel Change"
   Recorded: November 17, 1959
   Recording No.: 1872830

4. The terms and provisions contained in the document entitled "Permit to waste earth materials"
   Recorded: November 17, 1959
   Recording No.: 1872825 and 1872831

5. Easement, including terms and provisions contained therein:
   Recording Information: 8403090222
   In Favor of: Pierce County
   For: Temporary sanitary sewer

6. Terms, covenants, conditions, restrictions, easements, boundary discrepancies and encroachments as contained in recorded Lot Line Adjustment (Boundary Line Revisions):
   Recorded: November 27, 1991
   Recording Information: 9111270607

Grantor's Initials

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***USG Highway 99, TD 3244, 3245, 3246, 3247***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   __No_____
2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?
   __ No _____
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties?
   __ No _____
4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   __ No _____
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
   __ I am not aware of the purchase price._____
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?
   __ No _____

   For example, as user,

   (a) do you know the past uses of the property? _ No _____
   (b) do you know of specific chemicals that are present or once were present at the property? _ No ____
   (c) do you know of spills or other chemical releases that have taken place at the property? _ No _____
   (d) do you know of any environmental cleanups that have taken place at the property? _ No _____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? _ No
   _____

Appendix B

EDR Radius Map Report

USG Highway 99
7110 PACIFIC HWY E
Milton, WA 98354

Inquiry Number: 6218068.2s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

7110 PACIFIC HWY E
MILTON, WA 98354

COORDINATES

Latitude (North):	47.2468240 - 47˚ 14' 48.56''
Longitude (West):	122.3347920 - 122˚ 20' 5.25''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	550340.9
UTM Y (Meters):	5232589.5
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005097 PUYALLUP, WA
Version Date:	2014
North Map:	6005095 POVERTY BAY, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
7110 PACIFIC HWY E
MILTON, WA 98354

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FRANKS FREEWAY AUTO	7110 PACIFIC HWY E	FINDS		TP
A2	FRANKS FREEWAY AUTO	7110 PACIFIC HWY E	ALLSITES, UIC		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1 ft.
3	USG HWY 99 SITE	SR 99	FINDS	Lower	1 ft.
4	GRESHAM TRANSFER INC	HYLEBOS CREEK	ALLSITES	Higher	128, 0.024, SW
5	FREEWAY TRAILER SALE	7100 PACIFIC HWY E	ALLSITES	Lower	201, 0.038, SSW
6	QUIET MEADOWS LLC	1402 69TH AVE E	ALLSITES, NPDES	Higher	704, 0.133, SW
7	TELECARE PIERCE COUN	7224 PACIFIC HWY E	ALLSITES	Higher	745, 0.141, North
B8	6924 PACIFIC HWY E	6924 PACIFIC HWY E	CSCSL, ALLSITES	Higher	817, 0.155, SSW
C9	96TH ST AUTO SALES	6914 PACIFIC HWY E	ALLSITES	Higher	818, 0.155, SW
B10	US GYPSUM CO HYLEBOS	ST RTE 99	SEMS	Higher	842, 0.159, SSW
C11	PIERCE COUNTY WSDOT	6814 PACIFIC HWY E	RCRA NonGen / NLR	Higher	996, 0.189, SW
12	B&L WOODWASTE SITE F	1522 FIFE WAY E	ALLSITES	Lower	1039, 0.197, SE
D13	H & H DIESEL SERVICE	407 PORTER WAY	UST	Lower	1147, 0.217, NE
D14	H & H DIESEL SERVICE	407 PORTER WAY	CSCSL, INST CONTROL, ALLSITES, CSCSL NFA, RCRA...	Lower	1147, 0.217, NE
15	WSDOT I-5 FLOOD MITI	6717 PACIFIC HWY E	ALLSITES, CSCSL NFA	Lower	1187, 0.225, SW
16	WA DOT PROPERTY	6722 PACIFIC HWY E	CSCSL, ALLSITES, SPILLS	Lower	1297, 0.246, SW
E17	MILTON TAVERN	7320 PACIFIC HWY E	CSCSL, ALLSITES, SPILLS	Higher	1329, 0.252, North
E18	MILTON TAVERN	7320 PACIFIC HWY E	VCP	Higher	1329, 0.252, North
F19	WESTERN SUPERIOR STR	6713 PACIFIC HWY E	ALLSITES, FINDS, ECHO, ASBESTOS	Lower	1424, 0.270, SW
F20	PUBLIC ROADWAY	6713 PACIFIC HWY E	CSCSL, ALLSITES, SPILLS	Lower	1424, 0.270, SW
F21	RICK SEXTON DRUMS	6716 PACIFIC HWY E	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1546, 0.293, SW
G22	PAC LEASE MILTON	405B PORTER WY	ALLSITES	Higher	1586, 0.300, NE
G23	H & H DIESEL SERVICE	405 PORTER WAY	ICR	Higher	1586, 0.300, NE
G24	NORTH AMERICAN CRANE	405 PORTER WAY	ALLSITES, CSCSL NFA	Higher	1586, 0.300, NE
F25	RICHARD A JOHNSON	6708 PACIFIC HWY E	UST, ALLSITES	Lower	1605, 0.304, SW
26	SR 167 70TH AVENUE B	6610 16TH ST E	ALLSITES, NPDES	Lower	1615, 0.306, SW
27	WILLIAM HOPPER DUMP	406 PORTER WAY	SWF/LF	Lower	1778, 0.337, NNE
28	LIBERTY DISTRIBUTING	6527 PACIFIC HWY E	UST, ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1805, 0.342, SW
29	WA DOT 20TH STREET	6819 20TH ST	ALLSITES, RCRA NonGen / NLR	Lower	1933, 0.366, SSW
30	B&L WOODWASTE SITE C	2206 6TH AVE	ALLSITES, MANIFEST	Higher	2102, 0.398, SE
H31	COMMERCIAL SALES INC	6411 PACIFIC HWY E	RCRA-VSQG, ALLSITES, FINDS, ECHO, MANIFEST	Lower	2183, 0.413, WSW
I32	B & L WOODWASTE	2201 6T AVE	SWF/LF	Higher	2254, 0.427, SE
I33	B & L WOODWASTE LAND	FIFE WAY & PUGET POW	HSL, CSCSL, INST CONTROL, ALLSITES, NPDES	Higher	2255, 0.427, SE
34	B&L LANDFILL	522 FIFE WAY EAST	ALLSITES	Higher	2315, 0.438, ESE
35	GLOBAL PAVING	7608 PACIFIC HWY E	CSCSL, ALLSITES	Higher	2319, 0.439, North
H36	JAPANESE AUTO REPAIR	6323 PACIFIC HWY E	ALLSITES	Lower	2368, 0.448, WSW
37	MILTON MILLWORK	1203 PORTER WAY	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2384, 0.452, ENE
38	ENTERPRISE CENTER FI		ALLSITES	Higher	2390, 0.453, South

MAPPED SITES SUMMARY

Target Property Address:
7110 PACIFIC HWY E
MILTON, WA 98354

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J39	MURRAY PACIFIC CORP	T20N R4E S5 SE1/4 OF	ALLSITES	Higher	2400, 0.455, ENE
J40	B & L WOODWASTE FILL	PORTER WAY T20N R4E	SEMS, RCRA NonGen / NLR	Higher	2409, 0.456, ENE
41	TVETEN RV CO	7700 PACIFIC HWY E	ALLSITES	Higher	2517, 0.477, North
42	AUTO TRANSPORT	NB I5 MP 139	ALLSITES, FINDS	Higher	2569, 0.487, NNE
43	PRACTICAL TRUCKS EQU	6307 PACIFIC HWY E	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	2590, 0.491, WSW
44	OVALS MOTORSPORT MIL	7708 PACIFIC HWY E	CSCSL, ALLSITES	Higher	2711, 0.513, North
45	CENTURYLINK QC	1427 62ND AVE E	CSCSL, LUST, UST, ALLSITES	Lower	2853, 0.540, WSW
46	MILTON LAUNDRY	1010 MILTON WAY	CSCSL, ALLSITES	Higher	3336, 0.632, East
47	SCORPION INVESTMENTS	5719 15TH ST E	CSCSL, ALLSITES	Lower	4163, 0.788, WSW
48	54TH AVE TPU TRANSFO	901 54TH AVE E	CSCSL, ALLSITES	Lower	4871, 0.923, West
K49	KAYO OIL 2705486	5405 PACIFIC HWY E	CSCSL, LUST, ALLSITES, RCRA NonGen / NLR, MANIFEST	Lower	5127, 0.971, WSW
K50	CARLSON WAGONLIT TRA	1501 54TH AVE E	CSCSL, ALLSITES	Lower	5255, 0.995, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FRANKS FREEWAY AUTO 7110 PACIFIC HWY E MILTON, WA 98354	FINDS Registry ID:: 110040825122	N/A
FRANKS FREEWAY AUTO 7110 PACIFIC HWY E MILTON, WA 98354	ALLSITES Facility Id: 4663 UIC Well Status: Active	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tanks Site List
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
AST..... Aboveground Storage Tank Locations
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facility List
SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

CDL	Clandestine Drug Lab Contaminated Site List
HIST CDL	List of Sites Contaminated by Clandestine Drug Labs
US CDL	National Clandestine Laboratory Register
AQUEOUS FOAM	Firefighting Foam Incidents
PFAS	PFAS Contamination Site Location Listing

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Reported Spills
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
AIRS	Washington Emissions Data System
ASBESTOS	ASBESTOS

EXECUTIVE SUMMARY

COAL ASH..... Coal Ash Disposal Site Listing
DRYCLEANERS..... Drycleaner List
Financial Assurance..... Financial Assurance Information Listing
Inactive Drycleaners..... Inactive Drycleaners
NPDES..... Water Quality Permit System Data
MINES MRDS..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there are 2

SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
US GYPSUM CO HYLEBOS Site ID: 1000870 EPA Id: WAD980639140	ST RTE 99	SSW 1/8 - 1/4 (0.159 mi.)	B10	13
B & L WOODWASTE FILL Site ID: 1000984 EPA Id: WAD980738025	***PORTER WAY T20N R4E***	***ENE 1/4 - 1/2 (0.456 mi.)***	***J40***	***202***

State- and tribal - equivalent NPL

HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there is 1 HSL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B & L WOODWASTE LAND Facility Type: Hazardous Sites List FSID Number: 1203 Facility Status: CC-Perf. Monitoring	***FIFE WAY & PUGET POW***	***SE 1/4 - 1/2 (0.427 mi.)***	***I33***	***185***

State- and tribal - equivalent CERCLIS

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 14 CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
6924 PACIFIC HWY E Site Status: Awaiting Cleanup Clean Up Siteid: 2701 Facility ID: 2314625 Soil: Suspected Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Pesticides-Unspecified Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Phenolic Compounds Contaminant Name: Polycyclic Aromatic Hydrocarbons	***6924 PACIFIC HWY E***	***SSW 1/8 - 1/4 (0.155 mi.)***	***B8***	***11***
MILTON TAVERN Site Status: Cleanup Started	***7320 PACIFIC HWY E***	***N 1/4 - 1/2 (0.252 mi.)***	***E17***	***68***

Clean Up Siteid: 13205
Facility ID: 16486
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

B & L WOODWASTE LAND ***FIFE WAY & PUGET POW*** ***SE 1/4 - 1/2 (0.427 mi.)*** ***I33*** ***185***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 2297
Facility ID: 1203
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Surface Water: Remediated

GLOBAL PAVING ***7608 PACIFIC HWY E*** ***N 1/4 - 1/2 (0.439 mi.)*** ***35*** ***188***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14664
Facility ID: 70678
Soil: Suspected
Contaminant Name: Benzene
Contaminant Name: Corrosive Wastes
Contaminant Name: Lead
Contaminant Name: Methyl tertiary-butyl ether
Contaminant Name: Non-Halogenated Solvents
**Additional key fields are available in the Map Findings section*

OVALS MOTORSPORT MIL ***7708 PACIFIC HWY E*** ***N 1/2 - 1 (0.513 mi.)*** ***44*** ***218***
Site Status: Cleanup Started
Clean Up Siteid: 11487
Facility ID: 10389
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic

MILTON LAUNDRY ***1010 MILTON WAY*** ***E 1/2 - 1 (0.632 mi.)*** ***46*** ***222***
Site Status: Cleanup Started
Clean Up Siteid: 12746
Facility ID: 1848
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Solvents

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***

Site Status: Cleanup Started
Clean Up Siteid: 14889
Facility ID: 89863773
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic

WA DOT PROPERTY ***6722 PACIFIC HWY E*** ***SW 1/8 - 1/4 (0.246 mi.)*** ***16*** ***66***
Site Status: Awaiting Cleanup
Clean Up Siteid: 11596

Facility ID: 23264
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene

PUBLIC ROADWAY ***6713 PACIFIC HWY E*** ***SW 1/4 - 1/2 (0.270 mi.)*** ***F20*** ***93***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14643
Facility ID: 84976
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel

CENTURYLINK QC ***1427 62ND AVE E*** ***WSW 1/2 - 1 (0.540 mi.)*** ***45*** ***219***
Site Status: Cleanup Started
Clean Up Siteid: 8934
Facility ID: 37432679
Soil: Remediated-Below
Ground Water: Suspected
Contaminant Name: Petroleum-Diesel

SCORPION INVESTMENTS ***5719 15TH ST E*** ***WSW 1/2 - 1 (0.788 mi.)*** ***47*** ***222***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4008
Facility ID: 4690593
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified

54TH AVE TPU TRANSFO ***901 54TH AVE E*** ***W 1/2 - 1 (0.923 mi.)*** ***48*** ***223***
Site Status: Cleanup Started
Clean Up Siteid: 14703
Facility ID: 56998
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum-Other

KAYO OIL 2705486 ***5405 PACIFIC HWY E*** ***WSW 1/2 - 1 (0.971 mi.)*** ***K49*** ***223***
Site Status: Cleanup Started
Clean Up Siteid: 9933
Facility ID: 62556434
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum-Gasoline

CARLSON WAGONLIT TRA ***1501 54TH AVE E*** ***WSW 1/2 - 1 (0.995 mi.)*** ***K50*** ***250***
Site Status: Cleanup Started
Clean Up Siteid: 3480
Facility ID: 35825444
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B & L WOODWASTE	2201 6T AVE	SE 1/4 - 1/2 (0.427 mi.)	I32	185
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Historic Landfill (non-regulated) Facility ID: 736 Permit Status: Permit Not Required				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILLIAM HOPPER DUMP	406 PORTER WAY	NNE 1/4 - 1/2 (0.337 mi.)	27	102
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Historic Landfill (non-regulated) Facility ID: 3202 Permit Status: Permit Not Required				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 05/12/2020 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE	407 PORTER WAY	NE 1/8 - 1/4 (0.217 mi.)	D13	20
Facility ID: 89863773 Tank Status: Unknown Site Id: 620214				

State and tribal institutional control / engineering control registries

INST CONTROL: Sites that have institutional controls.

A review of the INST CONTROL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 2 INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B & L WOODWASTE LAND	***FIFE WAY & PUGET POW***	***SE 1/4 - 1/2 (0.427 mi.)***	***I33***	***185***

Facility Site ID: 1203
CS ID: 2297

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***
Facility Site ID: 89863773 CS ID: 4629				

State and tribal voluntary cleanup sites

VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILTON TAVERN VCP: TRUE Facility ID: 16486 VCP: TRUE Cleanup Siteid: 13205	7320 PACIFIC HWY E	N 1/4 - 1/2 (0.252 mi.)	E18	70

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there is 1 ICR site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 10/20/99 Media Contaminated: GW,S	405 PORTER WAY	NE 1/4 - 1/2 (0.300 mi.)	G23	99

PTAP: A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

A review of the PTAP list, as provided by EDR, and dated 05/12/2020 has revealed that there is 1 PTAP

site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Information on facilities and sites of interest to the Department of Ecology.

A review of the ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 32 ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRESHAM TRANSFER INC Facility Id: 6260979	HYLEBOS CREEK	SW 0 - 1/8 (0.024 mi.)	4	10
QUIET MEADOWS LLC Facility Id: 61578	***1402 69TH AVE E***	***SW 1/8 - 1/4 (0.133 mi.)***	***6***	***10***
TELECARE PIERCE COUN Facility Id: 59042	7224 PACIFIC HWY E	N 1/8 - 1/4 (0.141 mi.)	7	11
6924 PACIFIC HWY E Facility Id: 2314625	***6924 PACIFIC HWY E***	***SSW 1/8 - 1/4 (0.155 mi.)***	***B8***	***11***
96TH ST AUTO SALES Facility Id: 10001	6914 PACIFIC HWY E	SW 1/8 - 1/4 (0.155 mi.)	C9	13
MILTON TAVERN Facility Id: 16486	***7320 PACIFIC HWY E***	***N 1/4 - 1/2 (0.252 mi.)***	***E17***	***68***
PAC LEASE MILTON Facility Id: 94648186	405B PORTER WY	NE 1/4 - 1/2 (0.300 mi.)	G22	99
NORTH AMERICAN CRANE Facility Id: 42781887	***405 PORTER WAY***	***NE 1/4 - 1/2 (0.300 mi.)***	***G24***	***99***
B&L WOODWASTE SITE C Facility Id: 4550362	***2206 6TH AVE***	***SE 1/4 - 1/2 (0.398 mi.)***	***30***	***123***
B & L WOODWASTE LAND Facility Id: 1203	***FIFE WAY & PUGET POW***	***SE 1/4 - 1/2 (0.427 mi.)***	***I33***	***185***
B&L LANDFILL Facility Id: 7576	522 FIFE WAY EAST	ESE 1/4 - 1/2 (0.438 mi.)	34	188
GLOBAL PAVING Facility Id: 7898 Facility Id: 70678	***7608 PACIFIC HWY E***	***N 1/4 - 1/2 (0.439 mi.)***	***35***	***188***
MILTON MILLWORK Facility Id: 77684746	***1203 PORTER WAY***	***ENE 1/4 - 1/2 (0.452 mi.)***	***37***	***191***
ENTERPRISE CENTER FI Facility Id: 18488		S 1/4 - 1/2 (0.453 mi.)	38	201
MURRAY PACIFIC CORP Facility Id: 4841756	T20N R4E S5 SE1/4 OF	ENE 1/4 - 1/2 (0.455 mi.)	J39	201
TVETEN RV CO	7700 PACIFIC HWY E	N 1/4 - 1/2 (0.477 mi.)	41	206

Facility Id: 81722636				
AUTO TRANSPORT Facility Id: 5920827	***NB I5 MP 139***	***NNE 1/4 - 1/2 (0.487 mi.)***	***42***	***207***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FREEWAY TRAILER SALE Facility Id: 16002	7100 PACIFIC HWY E	SSW 0 - 1/8 (0.038 mi.)	5	10
B&L WOODWASTE SITE F Facility Id: 18706	1522 FIFE WAY E	SE 1/8 - 1/4 (0.197 mi.)	12	20
H & H DIESEL SERVICE Facility Id: 89863773	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***
WSDOT I-5 FLOOD MITI Facility Id: 15348	***6717 PACIFIC HWY E***	***SW 1/8 - 1/4 (0.225 mi.)***	***15***	***66***
WA DOT PROPERTY Facility Id: 23264	***6722 PACIFIC HWY E***	***SW 1/8 - 1/4 (0.246 mi.)***	***16***	***66***
WESTERN SUPERIOR STR Facility Id: 9655265	***6713 PACIFIC HWY E***	***SW 1/4 - 1/2 (0.270 mi.)***	***F19***	***71***
PUBLIC ROADWAY Facility Id: 84976	***6713 PACIFIC HWY E***	***SW 1/4 - 1/2 (0.270 mi.)***	***F20***	***93***
RICK SEXTON DRUMS Facility Id: 19614691	***6716 PACIFIC HWY E***	***SW 1/4 - 1/2 (0.293 mi.)***	***F21***	***94***
RICHARD A JOHNSON Facility Id: 28927352	***6708 PACIFIC HWY E***	***SW 1/4 - 1/2 (0.304 mi.)***	***F25***	***100***
SR 167 70TH AVENUE B Facility Id: 70604	***6610 16TH ST E***	***SW 1/4 - 1/2 (0.306 mi.)***	***26***	***101***
LIBERTY DISTRIBUTING Facility Id: 43644518	***6527 PACIFIC HWY E***	***SW 1/4 - 1/2 (0.342 mi.)***	***28***	***102***
WA DOT 20TH STREET Facility Id: 1703270	***6819 20TH ST***	***SSW 1/4 - 1/2 (0.366 mi.)***	***29***	***118***
COMMERCIAL SALES INC Facility Id: 55199767	***6411 PACIFIC HWY E***	***WSW 1/4 - 1/2 (0.413 mi.)***	***H31***	***137***
JAPANESE AUTO REPAIR Facility Id: 20931	6323 PACIFIC HWY E	WSW 1/4 - 1/2 (0.448 mi.)	H36	191
PRACTICAL TRUCKS EQU Facility Id: 73272568	***6307 PACIFIC HWY E***	***WSW 1/4 - 1/2 (0.491 mi.)***	***43***	***207***

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there are 3 CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTH AMERICAN CRANE	***405 PORTER WAY***	***NE 1/4 - 1/2 (0.300 mi.)***	***G24***	***99***

CS Id: 11633
Facility/Site Id: 42781887
Soil: Remediated-Below
NFA Date: 07/08/2011
Contaminant Name: Petroleum-Other

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***

CS Id: 4629
Facility/Site Id: 89863773
Soil: Remediated-Above
NFA Date: 01/08/2019
Groundwater: Remediated-Above
Contaminant Name: Benzene
Contaminant Name: Halogenated Solvents
Contaminant Name: Lead
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
**Additional key fields are available in the Map Findings section*

WSDOT I-5 FLOOD MITI	***6717 PACIFIC HWY E***	***SW 1/8 - 1/4 (0.225 mi.)***	***15***	***66***

CS Id: 12727
Facility/Site Id: 15348
NFA Date: 02/26/2015
Groundwater: Below Cleanup Levels
Contaminant Name: Arsenic

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIERCE COUNTY WSDOT	6814 PACIFIC HWY E	SW 1/8 - 1/4 (0.189 mi.)	C11	14

EPA ID:: WAH000037131

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***

EPA ID:: WAD988492773

EXECUTIVE SUMMARY

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		0 - 1/8 (0.000 mi.)	0	9

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USG HWY 99 SITE Registry ID:: 110015575652	SR 99	0 - 1/8 (0.000 mi.)	3	9

MANIFEST: Hazardous waste manifest information.

A review of the MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
H & H DIESEL SERVICE Facility Site ID Number: 89863773 Gen Status CD: LQG EPA ID: WAD988492773	***407 PORTER WAY***	***NE 1/8 - 1/4 (0.217 mi.)***	***D14***	***22***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Site Name	Database(s)
JERRY APPLE DUMPSITE "OLSON SITE"	SWF/LF
US GYPSUM (SITE 2)	SWF/LF
OCCIDENTAL CHEMICAL-SITE II	SWF/LF
CHARLES JACKSON FILL SITE	SWF/LF
TEXACO	ICR
TRANSPORT INTERNATIONAL TRUCK SVCS	CSCSL NFA
SHELL 121094	VCP
SCHULER INDUSTRIAL PARK	VCP
DAIRY BARN COMPLEX	VCP
FARM SUPPORT BUILDING	VCP

OVERVIEW MAP - 6218068.2S

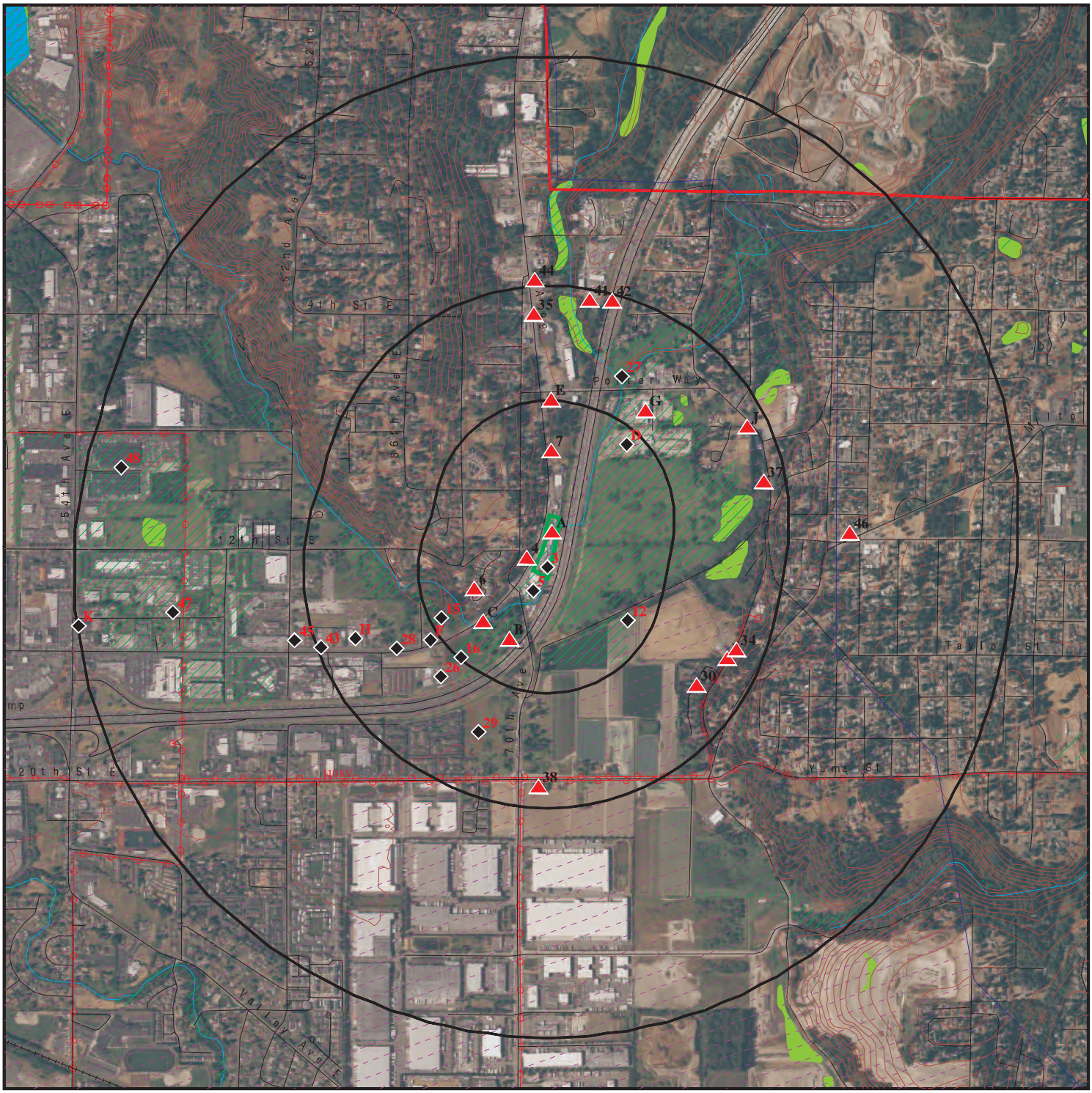

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: USG Highway 99	CLIENT: Parametrix, Inc.
ADDRESS: 7110 PACIFIC HWY E Milton WA 98354	CONTACT: Adam Romey
LAT/LONG: 47.246824 / 122.334792	INQUIRY #: 6218068.2s
	DATE: October 06, 2020 5:46 pm

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DETAIL MAP - 6218068.2S

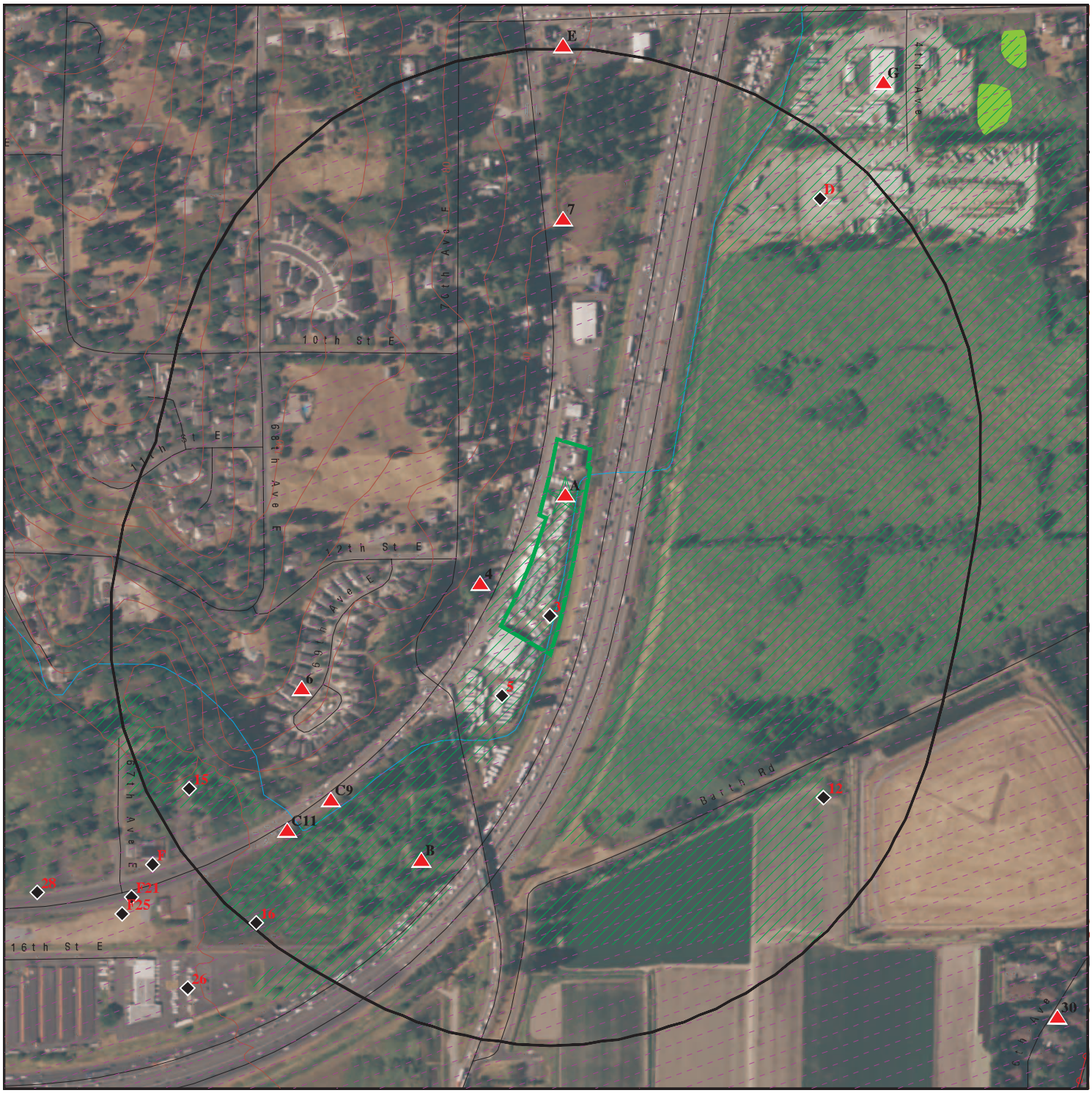

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	USG Highway 99	CLIENT:	Parametrix, Inc.
ADDRESS:	7110 PACIFIC HWY E Milton WA 98354	CONTACT:	Adam Romey
LAT/LONG:	47.246824 / 122.334792	INQUIRY #:	6218068.2s
		DATE:	October 06, 2020 5:47 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	1	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
HSL	1.000		0	0	1	0	NR	1
State- and tribal - equivalent CERCLIS								
CSCSL	1.000		0	3	4	7	NR	14
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	1	1	NR	NR	2
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
ICR	0.500		0	0	1	NR	NR	1
PTAP	0.500		0	1	0	NR	NR	1
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
ALLSITES	0.500	1	2	8	22	NR	NR	33
CDL	0.001		0	NR	NR	NR	NR	0
HIST CDL	0.001		0	NR	NR	NR	NR	0
CSCSL NFA	0.500		0	2	1	NR	NR	3
US CDL	0.001		0	NR	NR	NR	NR	0
AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		1	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	1	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		0	1	NR	NR	NR	1
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001	1	0	NR	NR	NR	NR	1
MINES MRDS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		3	4	20	34	7	0	68

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **FRANKS FREEWAY AUTO SALES LLC** | **FINDS** | **1014849663**
7110 PACIFIC HWY E | **N/A**
MILTON, WA 98354

Site 1 of 2 in cluster A

Actual: 22 ft.

FINDS:
Registry ID: 110040825122

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2 Target Property | **FRANKS FREEWAY AUTO SALES LLC** | **ALLSITES** | **S110275906**
7110 PACIFIC HWY E | **UIC** | **N/A**
MILTON, WA 98354

Site 2 of 2 in cluster A

Actual: 22 ft.

ALLSITES:

Name:	FRANKS FREEWAY AUTO SALES LLC
Facility Id:	4663

UIC:

Name:	USG INTERIORS 99 SITE
Address:	7110 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Site Number:	34241
Owner Name:	USG Interiors LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2464340
Longitude:	122.33498
Well Name:	INJ2
Registration Type:	Automatically Meet the Nonendangerment Standard
Construction Date:	11/28/2018
Construction Type:	Not reported
Depth:	25

Name:	USG INTERIORS 99 SITE
Address:	7110 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Site Number:	34241
Owner Name:	USG Interiors LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2464900
Longitude:	122.33499
Well Name:	INJ1
Registration Type:	Automatically Meet the Nonendangerment Standard
Construction Date:	11/28/2018
Construction Type:	Not reported

FRANKS FREEWAY AUTO SALES LLC (Continued) **S110275906**

Depth:	25
Name:	USG INTERIORS 99 SITE
Address:	7110 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Site Number:	34241
Owner Name:	USG Interiors LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2464299
Longitude:	122.33497
Well Name:	AS2
Registration Type:	Automatically Meet the Nonendangerment Standard
Construction Date:	11/29/2018
Construction Type:	Not reported
Depth:	35
Name:	USG INTERIORS 99 SITE
Address:	7110 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Site Number:	34241
Owner Name:	USG Interiors LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2464920
Longitude:	122.33497
Well Name:	AS1
Registration Type:	Automatically Meet the Nonendangerment Standard
Construction Date:	11/30/2018
Construction Type:	Not reported
Depth:	35

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
, WA
< 1/8
1 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Puyallup Reservation
Agency:	BIA

---

3 **USG HWY 99 SITE** **FINDS** **1007080842**
SR 99 **N/A**
< 1/8 **TACOMA, WA 98354**
1 ft.

FINDS:

Relative: Registry ID: 110015575652
Lower

Actual: Click Here:
21 ft.

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

USG HWY 99 SITE (Continued) **1007080842**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

4
SW
< 1/8
0.024 mi.
128 ft.

GRESHAM TRANSFER INC HYLEBOS CREEK
HYLEBOS CREEK
, WA

ALLSITES **S110626886**
N/A

Relative:
Higher

Actual:
23 ft.

ALLSITES:
Name: GRESHAM TRANSFER INC HYLEBOS CREEK
Facility Id: 6260979

5
SSW
< 1/8
0.038 mi.
201 ft.

FREEWAY TRAILER SALES INC
7100 PACIFIC HWY E
MILTON, WA 98354

ALLSITES **S109823975**
N/A

Relative:
Lower

Actual:
21 ft.

ALLSITES:
Name: FREEWAY TRAILER SALES INC
Facility Id: 16002

6
SW
1/8-1/4
0.133 mi.
704 ft.

QUIET MEADOWS LLC
1402 69TH AVE E
TACOMA, WA 98404

ALLSITES **S123402514**
NPDES **N/A**

Relative:
Higher

Actual:
72 ft.

ALLSITES:
Name: QUIET MEADOWS LLC
Facility Id: 61578

NPDES:
Name: QUIET MEADOWS LLC
Address: 1402 69TH AVE E
City,State,Zip: TACOMA, WA 98404
Facility Status: Not reported
Facility Type: Construction SW GP
Admin Region: Headqarters
Date Issued: 11/18/2015
Latitude: Not reported
Longitude: Not reported
Permit ID: WAR307329
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2020
Effective Date: 01/24/2019

QUIET MEADOWS LLC (Continued) **S123402514**

Days to Expiration: -171

7
North
1/8-1/4
0.141 mi.
745 ft.

TELECARE PIERCE COUNTY **ALLSITES** **S121442464**
7224 PACIFIC HWY E **N/A**
MILTON, WA 98354

Relative:
Higher

Actual:
38 ft.

ALLSITES:
Name: TELECARE PIERCE COUNTY
Facility Id: 59042

B8
SSW
1/8-1/4
0.155 mi.
817 ft.

6924 PACIFIC HWY E **CSCSL** **S108969330**
6924 PACIFIC HWY E **ALLSITES** **N/A**
FIFE, WA 98354

Site 1 of 2 in cluster B

Relative:
Higher

Actual:
29 ft.

CSCSL:
Name: 6924 PACIFIC HWY E
Address: 6924 PACIFIC HWY E
City,State,Zip: FIFE, WA 98354
Facility ID: 2314625
Region: Southwest
Lat/Long: 47.243444 / -122.33675
Clean Up Siteid: 2701
Site Status: Awaiting Cleanup
Contaminant Name: Pesticides-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: 6924 PACIFIC HWY E
Address: 6924 PACIFIC HWY E
City,State,Zip: FIFE, WA 98354
Facility ID: 2314625
Region: Southwest
Lat/Long: 47.243444 / -122.33675
Clean Up Siteid: 2701
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels

6924 PACIFIC HWY E (Continued) **S108969330**

Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: 6924 PACIFIC HWY E
Address: 6924 PACIFIC HWY E
City,State,Zip: FIFE, WA 98354
Facility ID: 2314625
Region: Southwest
Lat/Long: 47.243444 / -122.33675
Clean Up Siteid: 2701
Site Status: Awaiting Cleanup
Contaminant Name: Phenolic Compounds
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: 6924 PACIFIC HWY E
Address: 6924 PACIFIC HWY E
City,State,Zip: FIFE, WA 98354
Facility ID: 2314625
Region: Southwest
Lat/Long: 47.243444 / -122.33675
Clean Up Siteid: 2701
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 6924 PACIFIC HWY E
Facility Id: 2314625

C9 SW 1/8-1/4 0.155 mi. 818 ft. | **96TH ST AUTO SALES 6914 PACIFIC HWY E TACOMA, WA 98424** | **ALLSITES** | **S110123753 N/A**

Site 1 of 2 in cluster C

Relative: Higher
Actual: 22 ft.

ALLSITES:
Name: 96TH ST AUTO SALES
Facility Id: 10001

B10 SSW 1/8-1/4 0.159 mi. 842 ft. | **US GYPSUM CO HYLEBOS CR DUMP SITE ST RTE 99 MILTON, WA 98354** | **SEMS** | **1000237430 WAD980639140**

Site 2 of 2 in cluster B

Relative: Higher
Actual: 30 ft.

SEMS:
Site ID: 1000870
EPA ID: WAD980639140
Name: US GYPSUM CO HYLEBOS CR DUMP SITE
Address: ST RTE 99
Address 2: Not reported
City,State,Zip: MILTON, WA 98354
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000870
EPA ID: WAD980639140
Site Name: US GYPSUM CO HYLEBOS CR DUMP SITE
NPL: A
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 6/1/1981 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000870
EPA ID: WAD980639140
Site Name: US GYPSUM CO HYLEBOS CR DUMP SITE
NPL: A
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1988-11-04 05:00:00
Finish Date: 11/4/1988 5:00:00 AM
Qual: A

US GYPSUM CO HYLEBOS CR DUMP SITE (Continued) **1000237430**

Current Action Lead:	St Perf
Region:	10
Site ID:	1000870
EPA ID:	WAD980639140
Site Name:	US GYPSUM CO HYLEBOS CR DUMP SITE
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-06-11 05:00:00
Finish Date:	7/15/1985 5:00:00 AM
Qual:	H
Current Action Lead:	St Perf

C11 **PIERCE COUNTY WSDOT PACIFIC HWY** **RCRA NonGen / NLR** **1014928095**
SW **6814 PACIFIC HWY E** **WAH000037131**
1/8-1/4 **TACOMA, WA 98424**
0.189 mi.
996 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
22 ft.

RCRA Listings:

Date Form Received by Agency:	2011-02-03 00:00:00.0
Handler Name:	PIERCE COUNTY WSDOT PACIFIC HWY
Handler Address:	6814 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAH000037131
Contact Name:	SARAH TAYLOR
Contact Address:	PO BOX 47332
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-570-6696
Contact Fax:	Not reported
Contact Email:	TAYLOSA@WSDOT.WA.GOV
Contact Title:	HAZ MATERIAL SPEC
EPA Region:	10
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1614 S MILDRED STE M
Mailing City,State,Zip:	TACOMA, WA 98465
Owner Name:	WA STATE DEPT OF TRANSPORTATION
Owner Type:	Private
Operator Name:	WA STATE DEPT OF TRANSPORTATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

PIERCE COUNTY WSDOT PACIFIC HWY (Continued) **1014928095**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 18:13:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

PIERCE COUNTY WSDOT PACIFIC HWY (Continued) **1014928095**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT O W
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT O W
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported

PIERCE COUNTY WSDOT PACIFIC HWY (Continued) **1014928095**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M

PIERCE COUNTY WSDOT PACIFIC HWY (Continued) **1014928095**

Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1614 S MILDRED STE M
Owner/Operator City,State,Zip:	TACOMA, WA 98465
Owner/Operator Telephone:	253-534-3103
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2011-02-02 00:00:00.0
Handler Name:	PIERCE COUNTY WSDOT PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-02 00:00:00.0

PIERCE COUNTY WSDOT PACIFIC HWY (Continued) **1014928095**

Handler Name:	PIERCE COUNTY WSDOT PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-03 00:00:00.0
Handler Name:	PIERCE COUNTY WSDOT PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-08-31 00:00:00.0
Handler Name:	PIERCE COUNTY WSDOT PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-02 00:00:00.0
Handler Name:	PIERCE COUNTY WSDOT PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92812
NAICS Description:	INTERNATIONAL AFFAIRS

NAICS Code:	928120
NAICS Description:	INTERNATIONAL AFFAIRS

PIERCE COUNTY WSDOT PACIFIC HWY (Continued) **1014928095**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

12
SE
1/8-1/4
0.197 mi.
1039 ft.

B&L WOODWASTE SITE FIFE WAY
1522 FIFE WAY E
MILTON, WA 98354

ALLSITES **S120845877**
N/A

Relative:
Lower

Actual:
21 ft.

ALLSITES:

Name:	B&L WOODWASTE SITE FIFE WAY
Facility Id:	18706

D13
NE
1/8-1/4
0.217 mi.
1147 ft.

H & H DIESEL SERVICE INC
407 PORTER WAY
MILTON, WA 98354

Site 1 of 2 in cluster D

UST **U004227272**
N/A

Relative:
Lower

Actual:
21 ft.

UST:

Name:	H & H DIESEL SERVICE INC
Address:	407 PORTER WAY
City:	MILTON
Zip:	98354
Facility ID:	89863773
Site Id:	620214
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.25038
Decimal Longitude:	-122.33017
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Unknown
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel

H & H DIESEL SERVICE INC (Continued) **U004227272**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	H & H DIESEL SERVICE INC
Address:	407 PORTER WAY
City:	MILTON
Zip:	98354

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Unknown
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	H & H DIESEL SERVICE INC
Address:	407 PORTER WAY
City:	MILTON
Zip:	98354

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Unknown
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel

H & H DIESEL SERVICE INC (Continued) **U004227272**

Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

D14
NE
1/8-1/4
0.217 mi.
1147 ft.

Relative:
Lower

Actual:
21 ft.

H & H DIESEL SERVICE INC 407
407 PORTER WAY
MILTON, WA 98354

Site 2 of 2 in cluster D

CSCSL **1004794135**
INST CONTROL **WAD988492773**
ALLSITES
CSCSL NFA
RCRA NonGen / NLR
FINDS
ECHO
MANIFEST
PTAP

CSCSL:

Name:	H & H DIESEL SERVICE INC 407 ARSENIC RELEASE
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility ID:	89863773
Region:	Southwest
Lat/Long:	47.25038 / -122.33017
Clean Up Siteid:	14889
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility Site ID:	89863773
Latitude:	47.25038
Longitude:	-122.33017
Instrument Type:	Environmental Covenant

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

NFA Date:	01/08/2019
County Filing # For Individual IC Doc:	20181220078
Filing Date Of Individual IC Doc:	12/20/2018
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	0420057009; 0420057010
Control Active:	True
CS ID:	4629
Region:	Southwest
Responsible Unit:	Pollution Liability Ins Agcy
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	True
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	H & H DIESEL SERVICE INC 407
Facility Id:	89863773

CSCSL NFA:

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	89863773
CS Id:	4629
NFA Date:	01/08/2019
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason:	Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Longitude: -122.33017

Name: H & H DIESEL SERVICE INC 407
Address: 407 PORTER WAY
City,State,Zip: MILTON, WA 98354
Facility/Site Id: 89863773
CS Id: 4629
NFA Date: 01/08/2019
Alternate Site Names: H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason: Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status: NFA
Region: Southwest
Contaminant Name: Halogenated Solvents
Ground Water: Remediated-Above
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.25038
Longitude: -122.33017

Name: H & H DIESEL SERVICE INC 407
Address: 407 PORTER WAY
City,State,Zip: MILTON, WA 98354
Facility/Site Id: 89863773
CS Id: 4629
NFA Date: 01/08/2019
Alternate Site Names: H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason: Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status: NFA
Region: Southwest
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Above
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.25038
Longitude: -122.33017

Name: H & H DIESEL SERVICE INC 407
Address: 407 PORTER WAY
City,State,Zip: MILTON, WA 98354
Facility/Site Id: 89863773
CS Id: 4629
NFA Date: 01/08/2019
Alternate Site Names: H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason: Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status: NFA
Region: Southwest
Contaminant Name: Metals Priority Pollutants
Ground Water: Remediated-Above

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038
Longitude:	-122.33017

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	89863773
CS Id:	4629
NFA Date:	01/08/2019
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason:	Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038
Longitude:	-122.33017

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	89863773
CS Id:	4629
NFA Date:	01/08/2019
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason:	Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated-Above
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038
Longitude:	-122.33017

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	89863773
CS Id:	4629
NFA Date:	01/08/2019
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

	Service Inc 407 Arsenic Release
NFA Reason:	Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038
Longitude:	-122.33017

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	89863773
CS Id:	4629
NFA Date:	01/08/2019
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason:	Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038
Longitude:	-122.33017

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	89863773
CS Id:	4629
NFA Date:	01/08/2019
Alternate Site Names:	H & H DIESEL SERVICE INC,H & H DIESEL SERVICE INC 405,H & H Diesel Service Inc 407 Arsenic Release
NFA Reason:	Petroleum Technical Assistance Program (PTAP) by PLIA
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.25038
Longitude:	-122.33017

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

RCRA Listings:

Date Form Received by Agency:	2016-03-24 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Handler Address:	407 PORTER WAY
Handler City,State,Zip:	MILTON, WA 98354
EPA ID:	WAD988492773
Contact Name:	GARY WOLFE
Contact Address:	407 PORTER WAY
Contact City,State,Zip:	MILTON, WA 98354
Contact Telephone:	253-922-8786
Contact Fax:	Not reported
Contact Email:	GARY@HHDIESEL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	407 PORTER WAY
Mailing City,State,Zip:	MILTON, WA 98354
Owner Name:	H H DIESEL SVC INC
Owner Type:	Private
Operator Name:	H H DIESEL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 18:03:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U060
Waste Description: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H & H DIESEL
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER
Owner/Operator City,State,Zip:	MILTON, WA 98354-9639
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	1996-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SERVICE INC 407
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SERVICE INC 407
Legal Status:	Private

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	H H DIESEL SERVICE INC 407
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	1996-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
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Owner/Operator Telephone Ext:	Not reported
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H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	H H DIESEL SERVICE INC 407
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SERVICE INC 407
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	H H DIESEL SERVICE INC 407
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	1996-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIESMAKI, BEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
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Owner/Operator Name:	LIESMAKI, BEN
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIESMAKI, BEN
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	H & H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER
Owner/Operator City,State,Zip:	MILTON, WA 98354-9639
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIESMAKI, BEN
Legal Status:	Private
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIESMAKI, BEN
Legal Status:	Private

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Date Became Current:	Not reported
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Owner/Operator Address:	407 PORTER WAY
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Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIESMAKI, BEN
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	1996-05-31 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Email:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	H & H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	1996-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL SVC INC
Legal Status:	Private
Date Became Current:	1996-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER WAY
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	H H DIESEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	407 PORTER
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-8786
Owner/Operator Telephone Ext:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-03-23 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-07 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-28 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-24 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-20 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-25 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-25 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-12 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-10 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-08 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-11 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-07 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-07-27 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-08-19 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-13 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-03-23 00:00:00.0
Handler Name:	H & H DIESEL SERVICE INC 407
Federal Waste Generator Description:	Large Quantity Generator

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2014-07-30 00:00:00.0
Actual Return to Compliance Date:	2014-09-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2014-08-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Fuel Marketers

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2014-01-28 00:00:00.0
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-28 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-28 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-07-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-09-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-01 00:00:00.0
Scheduled Compliance Date:	2014-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005365522

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794135
Registry ID:	110005365522
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005365522
Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

City,State,Zip: MILTON, WA 98354

WA MANIFEST:

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354-9639
Facility Address 2:	Not reported
Facility ID:	89863773
EPA ID:	WAD988492773
NAICS:	811111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,D007,D008,F001,U060
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Utility Boiler
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Not reported
Mail Name:	H & H Diesel Svc Inc
Mailing Address:	407 PORTER WAY
Mailing City,State,Zip:	MILTON, WA 98354-9639
Legal Organization Name:	H & H Diesel Svc Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	407 PORTER WAY
Legal Address 2:	Not reported
Legal City,State,Zip:	MILTON, WA 98354-9639
Legal Phone Number:	2539228786
Legal Effective Date:	05/31/1996
Land Organization Name:	H & H Diesel
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	407 PORTER
Land City,State,Zip:	MILTON, WA 98354-9639
Land Phone Number:	(253)922-8786
Operator Organization Name:	H&H Diesel
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	407 PORTER WAY
Operator Address 2:	Not reported
Operator City,State,Zip:	MILTON, WA 98354-9639
Operator Phone Number:	(253)922-8786

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Operator Effective Date:	05/31/1996
Site Contact:	Gary Wolfe
Site Contact Address:	407 Porter Way
Contact City,State,Zip:	MILTON, WA 98354-9639
Site Contact Phone Number:	(253)922-8786
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Halogenated water and sludge
CORb Sequence Number:	156234
Sequence Number:	3402484
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1600
Quanity Unit:	LB
Kilograms Quanity:	725.760012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Description:	Aqueous part washer sludge
CORb Sequence Number:	156234
Sequence Number:	3402486
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	900
Quanity Unit:	LB
Kilograms Quanity:	408.240007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Halogenated water and sludge
CORb Sequence Number:	156234
Sequence Number:	3402483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1400
Quanity Unit:	GAL
Kilograms Quanity:	5296.23369
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Contaminated filter media
CORb Sequence Number:	156234
Sequence Number:	3402482
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.080002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	156234

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Waste Sequence Number:	3402483
Sequence Number:	1976682
Shipment Date:	2015-09-16 00:00:00
Mainfest Document ID:	010935676JJK
Reported Quanity:	1400
Unit of Measure:	GAL
Kilograms Quanity:	5296.23369
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3402484
Sequence Number:	1976685
Shipment Date:	2015-09-16 00:00:00
Mainfest Document ID:	010935682JJK
Reported Quanity:	1600
Unit of Measure:	LB
Kilograms Quanity:	725.760012
Receiving EPAID:	WAD991281767

Waste Sequence Number:	3402486
Sequence Number:	1976686
Shipment Date:	2015-09-16 00:00:00
Mainfest Document ID:	010935682JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	WAD991281767

Waste Sequence Number:	3402482
Sequence Number:	1976681
Shipment Date:	2015-11-19 00:00:00
Mainfest Document ID:	010935701JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156234
Waste Sequence Number:	3402483
Sequence Number:	897903
Received EPAID:	WAD020257945
Managed Quanity:	1400
Kilogram Quanity:	5296.23369
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3402482
Sequence Number:	897881
Received EPAID:	IDD073114654
Managed Quanity:	300
Kilogram Quanity:	136.080002
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3402484
Sequence Number:	897885
Received EPAID:	WAD991281767

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Managed Quanity:	1600
Kilogram Quanity:	725.760012
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3402486
Sequence Number:	897886
Received EPAID:	WAD991281767
Managed Quanity:	900
Kilogram Quanity:	408.240007
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	156234
Waste Sequence Number:	3402484
Sequence Number:	7834266
WCDA Code:	F001
Waste Sequence Number:	3402482
Sequence Number:	7834235
WCDA Code:	D002
Waste Sequence Number:	3402482
Sequence Number:	7834236
WCDA Code:	D007
Waste Sequence Number:	3402483
Sequence Number:	7834255
WCDA Code:	F001
Waste Sequence Number:	3402483
Sequence Number:	7834256
WCDA Code:	U060
Waste Sequence Number:	3402482
Sequence Number:	7834237
WCDA Code:	D008
Waste Sequence Number:	3402482
Sequence Number:	7834238
WCDA Code:	F001

Waste Stream Source Code:

CORB Waste Sequence Number:	156234
Waste Sequence Number:	3402483
Sequence Number:	1
WCDD Code:	G01
Waste Sequence Number:	3402484
Sequence Number:	1
WCDD Code:	G01
Waste Sequence Number:	3402482
Sequence Number:	1
WCDD Code:	G02

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Waste Sequence Number:	3402486
Sequence Number:	1
WCDD Code:	G02

Name:	H & H DIESEL SERVICE INC 407
Address:	407 PORTER WAY
City,State,Zip:	MILTON, WA 98354-9639
Facility Address 2:	Not reported
Facility ID:	89863773
EPA ID:	WAD988492773
NAICS:	811111
State Waste Code Desc:	WT02,WP01
Federal Waste Code Desc:	D001,D002,F001,D007,D008,D006
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Utility Boiler
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Not reported
Mail Name:	H & H Diesel Svc Inc
Mailing Address:	407 PORTER WAY
Mailing City,State,Zip:	MILTON, WA 98354-9639
Legal Organization Name:	H & H Diesel Svc Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	407 PORTER WAY
Legal Address 2:	Not reported
Legal City,State,Zip:	MILTON, WA 98354-9639
Legal Phone Number:	2539228786
Legal Effective Date:	05/31/1996
Land Organization Name:	H & H Diesel
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	407 PORTER
Land City,State,Zip:	MILTON, WA 98354-9639
Land Phone Number:	(253)922-8786
Operator Organization Name:	H&H Diesel
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	407 PORTER WAY
Operator Address 2:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Operator City,State,Zip:	MILTON, WA 98354-9639
Operator Phone Number:	(253)922-8786
Operator Effective Date:	05/31/1996
Site Contact:	Gary Wolfe
Site Contact Address:	407 Porter Way
Contact City,State,Zip:	MILTON, WA 98354-9639
Site Contact Phone Number:	(253)922-8786
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Watermaze Boiler Sludge
CORb Sequence Number:	148261
Sequence Number:	3309935
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.080002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	Petroleum Distillates (parts washer solvent)
CORb Sequence Number:	148261
Sequence Number:	3309900
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	650
Quanity Unit:	LB
Kilograms Quanity:	294.840005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W519
Description:	Spent Sand Blast Media
CORb Sequence Number:	148261
Sequence Number:	3309917
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	250
Quanity Unit:	LB
Kilograms Quanity:	113.400001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W519
Description:	Aqueous Parts Washer Sludge
CORb Sequence Number:	148261
Sequence Number:	3309925
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.080002
Density Number:	0
Density Quanity:	Not reported

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Aqueous Parts Washer Liquid
CORb Sequence Number:	148261
Sequence Number:	3309927
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6300
Quanity Unit:	LB
Kilograms Quanity:	2857.68004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Spent Methylene Chloride Solution
CORb Sequence Number:	148261
Sequence Number:	3309939
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.080002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Ultra Sonic Cleaner Waste
CORb Sequence Number:	148261

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Sequence Number:	3309941
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	148261
Waste Sequence Number:	3309927
Sequence Number:	1803765
Shipment Date:	2014-07-30 00:00:00
Mainfest Document ID:	009455233JJK
Reported Quanity:	6300
Unit of Measure:	LB
Kilograms Quanity:	2857.68004
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3309900
Sequence Number:	1803679
Shipment Date:	2014-05-09 00:00:00
Mainfest Document ID:	004186631SKS
Reported Quanity:	650
Unit of Measure:	LB
Kilograms Quanity:	294.840005
Receiving EPAID:	NED981723513
Waste Sequence Number:	3309917
Sequence Number:	1803738
Shipment Date:	2014-07-30 00:00:00
Mainfest Document ID:	009455233JJK
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3309939
Sequence Number:	1803780
Shipment Date:	2014-07-30 00:00:00
Mainfest Document ID:	009455234JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3309941
Sequence Number:	1803786
Shipment Date:	2014-07-30 00:00:00
Mainfest Document ID:	009455234
Reported Quanity:	50
Unit of Measure:	LB
Kilograms Quanity:	22.6800003
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3309925

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Sequence Number:	1803763
Shipment Date:	2014-07-30 00:00:00
Mainfest Document ID:	009455233JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	WAD991281767

Waste Sequence Number:	3309935
Sequence Number:	1803766
Shipment Date:	2014-07-30 00:00:00
Mainfest Document ID:	009455234JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	148261
Waste Sequence Number:	3309935
Sequence Number:	839848
Received EPAID:	WAD991281767
Managed Quanity:	300
Kilogram Quanity:	136.080002
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3309939
Sequence Number:	839854
Received EPAID:	WAD991281767
Managed Quanity:	300
Kilogram Quanity:	136.080002
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3309941
Sequence Number:	839856
Received EPAID:	WAD991281767
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3309927
Sequence Number:	839847
Received EPAID:	WAD991281767
Managed Quanity:	6300
Kilogram Quanity:	2857.68004
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3309925
Sequence Number:	839844
Received EPAID:	WAD991281767
Managed Quanity:	300
Kilogram Quanity:	136.080002
Recycled Percentage:	0

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Waste Management System Code: H141

Waste Sequence Number: 3309900
Sequence Number: 839793
Received EPAID: NED981723513
Managed Quanity: 650
Kilogram Quanity: 294.840005
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3309917
Sequence Number: 839826
Received EPAID: WAD991281767
Managed Quanity: 250
Kilogram Quanity: 113.400001
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 148261
Comments: A-8 - This waste is spent sand blasting media (sand)
Waste Sequence Number: 3309917
Sequence Number: 1

Comments: Sludge accumulated from an aqueous parts washer - tank bottoms
Waste Sequence Number: 3309925
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 148261
Waste Sequence Number: 3309939
Sequence Number: 7444480
WCDA Code: D002

Waste Sequence Number: 3309927
Sequence Number: 7444423
WCDA Code: D002

Waste Sequence Number: 3309927
Sequence Number: 7444424
WCDA Code: D008

Waste Sequence Number: 3309927
Sequence Number: 7444425
WCDA Code: F001

Waste Sequence Number: 3309900
Sequence Number: 7444037
WCDA Code: D007

Waste Sequence Number: 3309900
Sequence Number: 7444038
WCDA Code: D008

Waste Sequence Number: 3309917
Sequence Number: 7444568

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

WCDA Code: D006

Waste Sequence Number: 3309917
Sequence Number: 7444569
WCDA Code: D007

Waste Sequence Number: 3309917
Sequence Number: 7444570
WCDA Code: D008

Waste Sequence Number: 3309935
Sequence Number: 7444443
WCDA Code: D007

Waste Sequence Number: 3309935
Sequence Number: 7444444
WCDA Code: D008

Waste Stream Source Code:
CORB Waste Sequence Number: 148261
Waste Sequence Number: 3309925
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3309927
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3309939
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3309935
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3309900
Sequence Number: 1
WCDD Code: G01

Waste Sequence Number: 3309941
Sequence Number: 1
WCDD Code: G01

Waste Sequence Number: 3309917
Sequence Number: 1
WCDD Code: G06

PTAP:
Name: H&H DIESEL
Address: 407 PORTER WAY
City,State,Zip: MILTON, WA
Site ID: PSW031
FSID Number: 89863773
Entry Date: 05/30/2018

H & H DIESEL SERVICE INC 407 (Continued) **1004794135**

Status: Complete

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15 SW 1/8-1/4 0.225 mi. 1187 ft.

WSDOT I-5 FLOOD MITIGATION POND
6717 PACIFIC HWY E
FIFE, WA 98424

ALLSITES **S118084384**
CSCSL NFA **N/A**

Relative: Lower
Actual: 19 ft.

ALLSITES:
Name: WA DOT I5 FLOOD MITIGATION POND
Facility Id: 15348

CSCSL NFA:
Name: WSDOT I-5 FLOOD MITIGATION POND
Address: 6717 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 15348
CS Id: 12727
NFA Date: 02/26/2015
Alternate Site Names: WA DOT I5 FLood Mitigation Pond
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Arsenic
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.244114567
Longitude: -122.33991073

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16 SW 1/8-1/4 0.246 mi. 1297 ft.

WA DOT PROPERTY
6722 PACIFIC HWY E
FIFE, WA 98424

CSCSL **S106706349**
ALLSITES **N/A**
SPILLS

Relative: Lower
Actual: 21 ft.

CSCSL:
Name: WSDOT PROPERTY
Address: 6722 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 23264
Region: Southwest
Lat/Long: 47.242859 / -122.338989
Clean Up Siteid: 11596
Site Status: Awaiting Cleanup
Contaminant Name: Arsenic
Alternate Site Names: WA DOT PROPERTY
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported

WA DOT PROPERTY (Continued) **S106706349**

Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WSDOT PROPERTY
Address:	6722 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	23264
Region:	Southwest
Lat/Long:	47.242859 / -122.338989
Clean Up Siteid:	11596
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	WA DOT PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WA DOT PROPERTY
Facility Id:	23264

SPILLS:

Name:	Not reported
Address:	6722 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	544469
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	11/02/2004
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

E17 North 1/4-1/2 0.252 mi. 1329 ft. | **MILTON TAVERN 7320 PACIFIC HWY E MILTON, WA 98354** | **CSCSL ALLSITES SPILLS** | **S111028035 N/A**

Site 1 of 2 in cluster E

Relative: Higher

Actual: 44 ft.

CSCSL:

Name:	MILTON TAVERN
Address:	7320 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	16486
Region:	Southwest
Lat/Long:	47.25097 / -122.33482
Clean Up Siteid:	13205
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Former Milton Tavern
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Confirmed Above Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	MILTON TAVERN
Address:	7320 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	16486
Region:	Southwest
Lat/Long:	47.25097 / -122.33482
Clean Up Siteid:	13205
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Former Milton Tavern
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	MILTON TAVERN
Address:	7320 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	16486
Region:	Southwest
Lat/Long:	47.25097 / -122.33482
Clean Up Siteid:	13205
Site Status:	Cleanup Started

MILTON TAVERN (Continued) **S111028035**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Former Milton Tavern
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MILTON TAVERN
Address: 7320 PACIFIC HWY E
City,State,Zip: MILTON, WA 98354
Facility ID: 16486
Region: Southwest
Lat/Long: 47.25097 / -122.33482
Clean Up Siteid: 13205
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Former Milton Tavern
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: MILTON TAVERN
Facility Id: 16486

SPILLS:
Name: Not reported
Address: 7320 PACIFIC HWY
City,State,Zip: MILTON, WA
Facility ID: 626838
Medium: SOIL
Material Desc: BILGE WATER
Material Qty: 1
Material Units: GALLON
Date Received: 05/19/2011
Contact Name: UNKNOWN
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported

MILTON TAVERN (Continued) **S111028035**

Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

E18 **MILTON TAVERN** **VCP** **S124432789**
North **7320 PACIFIC HWY E** **N/A**
1/4-1/2 **MILTON, WA 98354**
0.252 mi.
1329 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
44 ft.

VCP:

Name:	MILTON TAVERN
Address:	7320 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
edr_fstat:	WA
edr_fzip:	98354
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	16486
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13205
Contaminant Name:	Benzene
Soil:	Not reported

Name:	MILTON TAVERN
Address:	7320 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
edr_fstat:	WA
edr_fzip:	98354
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	16486
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13205
Contaminant Name:	Petroleum-Diesel
Soil:	Not reported

Name:	MILTON TAVERN
Address:	7320 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
edr_fstat:	WA
edr_fzip:	98354
edr_fcnty:	PIERCE

MILTON TAVERN (Continued) **S124432789**

edr_zip: Not reported
Facility ID: 16486
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13205
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

Name: MILTON TAVERN
Address: 7320 PACIFIC HWY E
City,State,Zip: MILTON, WA 98354
edr_fstat: WA
edr_fzip: 98354
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 16486
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13205
Contaminant Name: Petroleum-Other
Soil: Not reported

F19 **WESTERN SUPERIOR STRUCTURALS** **ALLSITES** **1011932073**
SW **6713 PACIFIC HWY E** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98424** **ECHO**
0.270 mi. **ASBESTOS**
1424 ft. **Site 1 of 4 in cluster F**

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: WESTERN SUPERIOR STRUCTURALS MFG INC
Facility Id: 9655265

FINDS:
Registry ID: 110037548525

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1011932073
Registry ID:	110037548525
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037548525
Name:	WESTERN SUPERIOR STRUCTURALS
Address:	6713 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

ASBESTOS:

Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	132664##1532TACOM534291
Notice Date:	09/22/2016
Start Date:	09/10/2016
Completion Date:	10/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	5000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	silver coat/mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Remove 1200 sf roof mastic
Date Time Submitted:	2016-09-22 14:45:07
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	133021##1532TACOM352689
Notice Date:	09/30/2016
Start Date:	09/10/2016
Completion Date:	10/30/2016
Initial:	Not reported
Amended:	Not reported
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	5000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	silver coat/mastic
Quantity Lin Ft:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-09-30 11:16:47
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	133385##1532TACOM307428
Notice Date:	10/10/2016
Start Date:	09/10/2016
Completion Date:	10/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	800am

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Site Hours End:	430pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	40
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-10 06:59:31
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	133465##1532TACOM259887
Notice Date:	10/11/2016
Start Date:	09/10/2016
Completion Date:	11/30/2016
Initial:	Not reported
Amended:	Not reported
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	40
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-11 08:55:56
Submitter IP Address:	50.135.61.74
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	133833##1532TACOM304148
Notice Date:	10/20/2016
Start Date:	09/10/2016
Completion Date:	11/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	1
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	900

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	remove VAT only in blue building
Date Time Submitted:	2016-10-20 07:19:50
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Facility Type:	commercial
Parent ID:	131698
Form ID:	133954##1532TACOM215772
Notice Date:	10/24/2016
Start Date:	09/10/2016
Completion Date:	11/30/2016
Initial:	Not reported
Amended:	Not reported
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	1
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	900
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-24 03:36:48
Submitter IP Address:	50.77.2.105
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	134409##1532TACOM154564
Notice Date:	11/02/2016
Start Date:	09/10/2016
Completion Date:	11/06/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	4500
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	Wall Mastic/Silver Paint
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	mechanical methods
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	We are removing CMU block walls with mastic/silver paint, and also removing mastic roof on top of metal roof layer with mechanical means. Alt work plan submitted with this updated notification.
Date Time Submitted:	2016-11-02 10:55:00
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	134412##1532TACOM154564
Notice Date:	11/02/2016
Start Date:	11/04/2016
Completion Date:	11/06/2016
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	1
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	4500
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	Wall Mastic/Silver Paint
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	mechanical methods
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Comments:	We are removing CMU block walls with mastic/silver paint, and also removing mastic roof on top of metal roof layer with mechanical means. Alt work plan submitted with this updated notification.
Date Time Submitted:	2016-11-02 11:13:00
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	134608##1532TACOM559299
Notice Date:	11/07/2016
Start Date:	11/04/2016
Completion Date:	11/08/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	1
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Quantity Sq Ft:	4500
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	Wall Mastic/Silver Paint
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	mechanical methods
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-11-07 14:33:28
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	0
Form ID:	131698##1532TACOM635742
Notice Date:	08/31/2016
Start Date:	09/10/2016
Completion Date:	09/25/2016
Initial:	1
Amended:	Not reported
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1500
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-08-31 09:48:55
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Roofing, Vinyl Asbestos Tile
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	132268##1532TACOM651727
Notice Date:	09/14/2016
Start Date:	09/10/2016
Completion Date:	10/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Monday:	Not reported
Tuesday:	Not reported
Wednesday:	1
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE
Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	5000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	silver coat/mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	spray out encapsulant on walls where mastic/paint flaking from cmu block walls to prep for demo of building.
Date Time Submitted:	2016-09-14 07:19:42
Submitter IP Address:	131.191.87.32
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	131698
Form ID:	132311##1532TACOM711304
Notice Date:	09/14/2016
Start Date:	09/10/2016
Completion Date:	10/30/2016
Initial:	Not reported
Amended:	Not reported
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	800am
Site Hours End:	430pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	1
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2538305945
Job Site CAS:	Matt Ware
Project Form Email:	meaden@tacomaabatement.com
Property Owner Name:	WSDOT
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (ABCN00001532)
Property Owner Address:	310 Maple Park Ave SE

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Property Owner City:	Olympia
Property Owner State:	wa
Property Owner Zip4:	98504
Property Owner Phone:	3607057000
Job Site Room:	Not reported
Facility Age:	1961
Facility Size:	9000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	1
Quantity Sq Ft:	5000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	silver coat/mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

WESTERN SUPERIOR STRUCTURALS (Continued) **1011932073**

Comments:	spray out encapsulant on walls where mastic/paint flaking from cmu block walls to prep for demo of building.
Date Time Submitted:	2016-09-14 16:17:29
Submitter IP Address:	69.10.218.22
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Matt Ware ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

F20 **PUBLIC ROADWAY** **CSCSL** **S121512759**
SW **6713 PACIFIC HWY E** **ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98424** **SPILLS**
0.270 mi.
1424 ft. **Site 2 of 4 in cluster F**

Relative:
Lower

Actual:
18 ft.

CSCSL:

Name:	WSDOT SR 167 TACOMA TO EDGEWOOD
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	84976
Region:	Southwest
Lat/Long:	47.24349 / -122.34072
Clean Up Siteid:	14643
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WSDOT SR 167 TACOMA TO EDGEWOOD
Address:	6713 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	84976
Region:	Southwest
Lat/Long:	47.24349 / -122.34072
Clean Up Siteid:	14643
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

PUBLIC ROADWAY (Continued) **S121512759**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WSDOT SR 167 TACOMA TO EDGEWOOD
Facility Id: 84976

SPILLS:
Name: PUBLIC ROADWAY
Address: 6713 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 97399
Medium: Impermeable Containment
Material Desc: SHEEN
Material Qty: 1
Material Units: Other
Date Received: Not reported
Contact Name: Not reported
Incident Date: 12/19/2017
Incident Category Type: Oil Spill
Incident Category: Not reported
Latitude: 47.24349
Longitude: -122.34044
Source Type: Vehicle
Source: Non-commercial vehicle
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Not reported

F21 **RICK SEXTON DRUMS** **ALLSITES** **1000199922**
SW **6716 PACIFIC HWY E** **RCRA NonGen / NLR** **WAD988466348**
1/4-1/2 **TACOMA, WA 98401** **FINDS**
0.293 mi. **ECHO**
1546 ft. **Site 3 of 4 in cluster F**

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: RICK SEXTON DRUMS
Facility Id: 19614691

RCRA Listings:
Date Form Received by Agency: 1988-07-13 00:00:00.0
Handler Name: RICK SEXTON DRUMS
Handler Address: 6716 PACIFIC HWY E
Handler City,State,Zip: TACOMA, WA 98401
EPA ID: WAD988466348
Contact Name: WA ECY WA ECY
Contact Address: 7272 CLEANWATER LANE MSLU11
Contact City,State,Zip: OLYMPIA, WA 98504
Contact Telephone: 000-000-0000
Contact Fax: 000-000-0000
Contact Email: Not reported

RICK SEXTON DRUMS (Continued) **1000199922**

Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7272 CLEANWATER LANE MSLU11
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

RICK SEXTON DRUMS (Continued) **1000199922**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6716 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK SEXTON DRUMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6716 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICK SEXTON DRUMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6716 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported

RICK SEXTON DRUMS (Continued) **1000199922**

Date Ended Current:	Not reported
Owner/Operator Address:	6716 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6716 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1541
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6716 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1541
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-07-13 00:00:00.0
Handler Name:	RICK SEXTON DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-07-13 00:00:00.0
Handler Name:	RICK SEXTON DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

RICK SEXTON DRUMS (Continued) **1000199922**

Electronic Manifest Broker:	Not reported
Receive Date:	1988-07-13 00:00:00.0
Handler Name:	RICK SEXTON DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005349140

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000199922
Registry ID:	110005349140
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005349140
Name:	RICK SEXTON DRUMS
Address:	6716 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98401

G22 NE 1/4-1/2 0.300 mi. 1586 ft. — **PAC LEASE MILTON**, **405B PORTER WY**, **MILTON, WA 98354** — **ALLSITES** — **S121970806** / **N/A**

Site 1 of 3 in cluster G

Relative: Higher
Actual: 22 ft.

ALLSITES:

Name:	PAC LEASE MILTON
Facility Id:	94648186

G23 NE 1/4-1/2 0.300 mi. 1586 ft. — **H & H DIESEL SERVICE INC.**, **405 PORTER WAY**, **PUYALLUP, WA 98354** — **ICR** — **S104782902** / **N/A**

Site 2 of 3 in cluster G

Relative: Higher
Actual: 22 ft.

ICR:

Date Ecology Received Report:	10/20/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-24
County Code:	27
Contact:	Not reported
Report Title:	Not reported

G24 NE 1/4-1/2 0.300 mi. 1586 ft. — **NORTH AMERICAN CRANE & EQUIPMENT CO LLC**, **405 PORTER WAY**, **MILTON, WA 98354** — **ALLSITES**, **CSCSL NFA** — **S121970204** / **N/A**

Site 3 of 3 in cluster G

Relative: Higher
Actual: 22 ft.

ALLSITES:

Name:	NORTH AMERICAN CRANE & EQUIPMENT CO LLC
Facility Id:	42781887

CSCSL NFA:

Name:	NORTH AMERICAN CRANE & EQUIPMENT CO LLC
Address:	405 PORTER WAY
City,State,Zip:	MILTON, WA 98354
Facility/Site Id:	42781887
CS Id:	11633
NFA Date:	07/08/2011
Alternate Site Names:	NORTH AMERICAN CRANE & EQUIPMENT
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.150283633
Longitude:	-122.19942768

F25 SW 1/4-1/2 0.304 mi. 1605 ft. | **RICHARD A JOHNSON 6708 PACIFIC HWY E TACOMA, WA 98424** | **UST ALLSITES** | **U003355763 N/A**

Site 4 of 4 in cluster F

Relative: Lower

Actual: 18 ft.

UST:

Name:	RICHARD A JOHNSON
Address:	6708 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	28927352
Site Id:	9072
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242802
Decimal Longitude:	-122.341742
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	RICHARD A JOHNSON
Address:	6708 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

RICHARD A JOHNSON (Continued) **U003355763**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	RICHARD A JOHNSON
Facility Id:	28927352

26
SW
1/4-1/2
0.306 mi.
1615 ft.

SR 167 70TH AVENUE BRIDGE REPLACEMENT **ALLSITES** **S125804902**
6610 16TH ST E **NPDES** **N/A**
FIFE, WA 98424

Relative:
Lower

Actual:
20 ft.

ALLSITES:

Name:	SR 167 70TH AVENUE BRIDGE REPLACEMENT
Facility Id:	70604

NPDES:

Name:	SR 167 70TH AVENUE BRIDGE REPLACEMENT
Address:	6610 16TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR308767
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	01/21/2020
Days to Expiration:	-171

27 NNE 1/4-1/2 0.337 mi. 1778 ft. | **WILLIAM HOPPER DUMP**
406 PORTER WAY
MILTON, WA | **SWF/LF** | **S118402332**
N/A

Relative: Lower
Actual: 21 ft.

SWF/LF:

Name:	WILLIAM HOPPER DUMP
Address:	406 PORTER WAY
City,State,Zip:	MILTON, WA
Facility ID:	3202
Region:	STATE
Permit Status:	Permit Not Required
Contact Organization:	Tacoma-Pierce Health Department
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Tacoma-Pierce Health Department
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	Not reported
Facility Type:	Historic Landfill (non-regulated)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

---

28 SW 1/4-1/2 0.342 mi. 1805 ft. | **LIBERTY DISTRIBUTING INC**
6527 PACIFIC HWY E
TACOMA, WA 98424 | **UST**
ALLSITES
RCRA NonGen / NLR
FINDS
ECHO | **1004793179**
WA0000100495

Relative: Lower
Actual: 17 ft.

UST:

Name:	VITAMILK DAIRY FIFE
Address:	6527 PACIFIC HIGHWAY EAST
City:	TACOMA
Zip:	98424
Facility ID:	43644518
Site Id:	5969
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24284
Decimal Longitude:	-122.34218
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	VITAMILK DAIRY FIFE
Address:	6527 PACIFIC HIGHWAY EAST
City:	TACOMA
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

ALLSITES:

Name:	LIBERTY DISTRIBUTING INC
Facility Id:	43644518

RCRA Listings:

Date Form Received by Agency:	2004-01-09 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Handler Address:	6527 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WA0000100495
Contact Name:	ED INDERBITZIN JR
Contact Address:	6527 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-8506
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6527 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	LIBERTY DISTRIBUTING INC
Owner Type:	Private
Operator Name:	INDERBITZIN JR, ED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:06:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115-5408
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIB L
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1538
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ED I
Legal Status:	Private
Date Became Current:	1997-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1538
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1538
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LIBERTY DISTRIBUTING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ED INDERBITZIN JR
Legal Status:	Private
Date Became Current:	1997-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPREME PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	427 NE 72ND ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98115
Owner/Operator Telephone:	206-524-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDERBITZIN JR, ED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6527 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8506
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-01-08 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-08 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-09 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-27 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-05 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-05 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-01-07 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-12-13 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-12-07 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-09 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-16 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-08 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	LIBERTY DISTRIBUTING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

LIBERTY DISTRIBUTING INC (Continued) **1004793179**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42443
NAICS Description:	DAIRY PRODUCT (EXCEPT DRIED OR CANNED) MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005263650

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793179
Registry ID:	110005263650
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005263650
Name:	LIBERTY DISTRIBUTING INC
Address:	6527 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

29 SSW 1/4-1/2 0.366 mi. 1933 ft. | **WA DOT 20TH STREET**
6819 20TH ST
TACOMA, WA 98424 | **ALLSITES** | **1010338820**
RCRA NonGen / NLR | **WAH000028299**

Relative: Lower

Actual: 20 ft.

ALLSITES:

Name:	WA DOT 20TH STREET
Facility Id:	1703270

RCRA Listings:

Date Form Received by Agency:	2009-01-17 00:00:00.0
Handler Name:	WA DOT 20TH STREET
Handler Address:	6819 20TH ST
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAH000028299
Contact Name:	RICHARD MOHAR
Contact Address:	2112 CENTER ST
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-552-5161
Contact Fax:	Not reported
Contact Email:	APPLE1@WSDOT.WA.GOV
Contact Title:	ASSISTANT MANAGER
EPA Region:	10
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2112 CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	WA STATE DEPT OF TRANSPORTATION
Owner Type:	Private
Operator Name:	WA STATE DEPT OF TRANSPORTATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

WA DOT 20TH STREET (Continued) **1010338820**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 16:44:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	2005-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State

WA DOT 20TH STREET (Continued) **1010338820**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-7635
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT O W
Legal Status:	Private
Date Became Current:	2005-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-7635
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-7635
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICHARD M
Legal Status:	Private
Date Became Current:	2005-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-7635
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	2005-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WA DOT 20TH STREET (Continued) **1010338820**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	2006-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	2006-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	2005-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-7635
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	Private
Date Became Current:	2005-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported

WA DOT 20TH STREET (Continued) **1010338820**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA STATE DEPT OF TRANSPORTATION
Legal Status:	State
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2112 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-7635
Owner/Operator Telephone:	253-552-5161
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-01-16 00:00:00.0
Handler Name:	WA DOT 20TH STREET
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-16 00:00:00.0
Handler Name:	WA DOT 20TH STREET
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-17 00:00:00.0
Handler Name:	WA DOT 20TH STREET
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-27 00:00:00.0
Handler Name:	WA DOT 20TH STREET

WA DOT 20TH STREET (Continued) **1010338820**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-01-16 00:00:00.0
Handler Name:	WA DOT 20TH STREET
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	111998
NAICS Description:	ALL OTHER MISCELLANEOUS CROP FARMING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

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30 SE 1/4-1/2 0.398 mi. 2102 ft. | **B&L WOODWASTE SITE CUSTODIAL TRUST** | **ALLSITES MANIFEST** | **1011924702 N/A**
2206 6TH AVE
MILTON, WA 98354

Relative: Higher

Actual: 22 ft.

ALLSITES:

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Facility Id:	4550362

WA MANIFEST:

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Contaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Contaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Contaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Contaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D004, D008
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Contaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	contaminated soil
CORb Sequence Number:	131659
Sequence Number:	2528055
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30000
Quanity Unit:	LB

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Kilograms Quanity:	13608.0002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	131659
Waste Sequence Number:	2528055
Sequence Number:	1248096
Shipment Date:	2011-12-14 00:00:00
Mainfest Document ID:	004797306
Reported Quanity:	30000
Unit of Measure:	LB
Kilograms Quanity:	13608.0002
Receiving EPAID:	UTD991301748

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	131659
Waste Sequence Number:	2528055
Sequence Number:	616332
Received EPAID:	UTD991301748
Managed Quanity:	30000
Kilogram Quanity:	13608.0002
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Stream EPA Code:

CORB Waste Sequence Number:	131659
Waste Sequence Number:	2528055
Sequence Number:	5541681
WCDA Code:	D004
Waste Sequence Number:	2528055
Sequence Number:	5541682
WCDA Code:	D008

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Comtaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Comtaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	B&L WOODWASTE SITE CUSTODIAL TRUST
Address:	2206 6TH AVE
City,State,Zip:	MILTON, WA 98354
Facility Address 2:	Not reported
Facility ID:	4550362
EPA ID:	WAH000033454
NAICS:	541620
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601123466
Business Type:	Comtaminated Property
Mail Name:	Trustee
Mailing Address:	606 Columbia St Ste 212
Mailing City,State,Zip:	Olympia, WA 98501
Legal Organization Name:	Executive Bark
Legal Organization Type:	Private
Legal Contact:	Not reported

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Legal Address:	9534 14th Ave NW
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98117-2308
Legal Phone Number:	(000)000-0000
Legal Effective Date:	Not reported
Land Organization Name:	Executive Bark
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	9534 14th Ave NW
Land City,State,Zip:	Seattle, WA 98117-2308
Land Phone Number:	(000)000-0000
Operator Organization Name:	B&L Woodwaste
Operator Organization Type:	Private
Operator:	Custodial Trust
Operator Address:	2206 6th Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Milton, WA 98354
Operator Phone Number:	(000)000-0000
Operator Effective Date:	Not reported
Site Contact:	Brett Beaulieu
Site Contact Address:	601 Union St Ste 600
Contact City,State,Zip:	Seattle, WA 98101-2341
Site Contact Phone Number:	(206)292-2078
Site Contact Email:	brett.beaulieu@floydsnider.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Contaminated Soil
CORb Sequence Number:	118103
Sequence Number:	2004013
Mixed Radioactive Flag:	False

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Designation Code:	D
Reported Quanity:	5600
Quanity Unit:	LB
Kilograms Quanity:	2540.1600436907529
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	Contaminated Groundwater
CORb Sequence Number:	118103
Sequence Number:	2004012
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6750
Quanity Unit:	LB
Kilograms Quanity:	3061.8000526629612
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118103
Waste Sequence Number:	2004012
Sequence Number:	955426
Shipment Date:	10/17/2008
Mainfest Document ID:	WANH02361
Reported Quanity:	6750
Unit of Measure:	LB
Kilograms Quanity:	3061.80005266296
Receiving EPAID:	UTD991301748
Waste Sequence Number:	2004013
Sequence Number:	955417
Shipment Date:	9/23/2008
Mainfest Document ID:	001725971FLE
Reported Quanity:	4000
Unit of Measure:	LB
Kilograms Quanity:	1814.40003120768
Receiving EPAID:	CAD980675276
Waste Sequence Number:	2004013
Sequence Number:	955421
Shipment Date:	10/17/2008
Mainfest Document ID:	001782666FLE
Reported Quanity:	1600
Unit of Measure:	LB
Kilograms Quanity:	725.760012483072
Receiving EPAID:	CAD980675276

B&L WOODWASTE SITE CUSTODIAL TRUST (Continued) **1011924702**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	118103
Waste Sequence Number:	2004012
Sequence Number:	487875
Received EPAID:	UTD991301748
Managed Quanity:	6750
Kilogram Quanity:	3061.8000526629612
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2004013
Sequence Number:	487883
Received EPAID:	CAD980675276
Managed Quanity:	5600
Kilogram Quanity:	2540.1600436907529
Recycled Percentage:	0
Waste Management System Code:	H111

Waste Stream EPA Code:

CORB Waste Sequence Number:	118103
Waste Sequence Number:	2004013
Sequence Number:	4284828
WCDA Code:	D004

Waste Stream Source Code:

CORB Waste Sequence Number:	118103
Waste Sequence Number:	2004012
Sequence Number:	1
WCDD Code:	G44
Waste Sequence Number:	2004013
Sequence Number:	1
WCDD Code:	G44

H31 **COMMERCIAL SALES INC** **RCRA-VSQG** **1004793553**
WSW **6411 PACIFIC HWY E** **ALLSITES** **WAD070972856**
1/4-1/2 **TACOMA, WA 98424** **FINDS**
0.413 mi. **ECHO**
2183 ft. **Site 1 of 2 in cluster H** **MANIFEST**

Relative:
Lower

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-06 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Handler Address:	6411 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD070972856
Contact Name:	TERRY JENSEN
Contact Address:	6411 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-6670
Contact Fax:	Not reported
Contact Email:	TERRY@COMMERCIALSALESINC.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private

COMMERCIAL SALES INC (Continued) **1004793553**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	6411 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	COMMERCIAL SALES INC
Owner Type:	Private
Operator Name:	COMMERCIAL SALES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

COMMERCIAL SALES INC (Continued) **1004793553**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private

COMMERCIAL SALES INC (Continued) **1004793553**

Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private

COMMERCIAL SALES INC (Continued) **1004793553**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private

COMMERCIAL SALES INC (Continued) **1004793553**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAUL J
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALE C
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private

COMMERCIAL SALES INC (Continued) **1004793553**

Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private

COMMERCIAL SALES INC (Continued) **1004793553**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1996-10-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6670
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL SALES INC
Legal Status:	Private
Date Became Current:	1984-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-16 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0

COMMERCIAL SALES INC (Continued) **1004793553**

Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-02 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-05 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

COMMERCIAL SALES INC (Continued) **1004793553**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-20 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-03-03 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-04-09 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-27 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-03-12 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

COMMERCIAL SALES INC (Continued) **1004793553**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-12 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-23 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

COMMERCIAL SALES INC (Continued) **1004793553**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-02 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-16 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Receive Date:	2017-03-01 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-27 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-06 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

COMMERCIAL SALES INC (Continued) **1004793553**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-12 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-23 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

COMMERCIAL SALES INC (Continued) **1004793553**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-28 00:00:00.0
Handler Name:	COMMERCIAL SALES INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42383
NAICS Description:	INDUSTRIAL MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS
NAICS Code:	423830
NAICS Description:	INDUSTRIAL MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2008-04-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WANDL
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ALLSITES:
Name: COMMERCIAL SALES INC
Facility Id: 55199767

FINDS:
Registry ID: 110000897361

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

COMMERCIAL SALES INC (Continued) **1004793553**

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793553
Registry ID:	110000897361
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000897361
Name:	COMMERCIAL SALES INC
Address:	6411 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:		COMMERCIAL SALES INC
Address:		6411 PACIFIC HWY E
City,State,Zip:		TACOMA, WA 98424
Facility Address 2:		Not reported
Facility ID:		55199767
EPA ID:		WAD070972856
NAICS:		423830
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600580240
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		6411 Pacific Hwy E
Mailing City,State,Zip:		TACOMA, WA 98424
Legal Organization Name:		Commercial Sales Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		6411 Pacific Hwy E
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98424
Legal Phone Number:		(253)922-6670
Legal Effective Date:		05/01/1984
Land Organization Name:		Jensen LLC
Land Organization Type:		Private

COMMERCIAL SALES INC (Continued) **1004793553**

Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		COMMERCIAL SALES INC
Address:		6411 PACIFIC HWY E
City,State,Zip:		TACOMA, WA 98424-1537
Facility Address 2:		Not reported
Facility ID:		55199767
EPA ID:		WAD070972856
NAICS:		423830
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False

COMMERCIAL SALES INC (Continued) **1004793553**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc
Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6411 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1537
Legal Phone Number:	(253)922-6670
Legal Effective Date:	05/01/1984
Land Organization Name:	Jensen LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424-1537
Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-6670
Site Contact Email:	terry@commercialsalesinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COMMERCIAL SALES INC

COMMERCIAL SALES INC (Continued) **1004793553**

Address:		6411 PACIFIC HWY E
City,State,Zip:		TACOMA, WA 98424-1537
Facility Address 2:		Not reported
Facility ID:		55199767
EPA ID:		WAD070972856
NAICS:		423830
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600580240
Business Type:		In Machinery & Equipment
Mail Name:		Commercial Sales Inc
Mailing Address:		6411 Pacific Hwy E
Mailing City,State,Zip:		TACOMA, WA 98424-1537
Legal Organization Name:		Commercial Sales Inc
Legal Organization Type:		Private
Legal Contact:		Paul Jensen
Legal Address:		6411 Pacific Hwy E
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98424-1537
Legal Phone Number:		(253)922-6670
Legal Effective Date:		05/01/1984
Land Organization Name:		Jensen LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		6411 Pacific Hwy E
Land City,State,Zip:		TACOMA, WA 98424-1537
Land Phone Number:		(253)922-6670
Operator Organization Name:		Commercial Sales Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		6411 Pacific Hwy E
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98424-1537
Operator Phone Number:		(253)922-6670
Operator Effective Date:		05/01/1984
Site Contact:		Terry Jensen
Site Contact Address:		6411 Pacific Hwy E
Contact City,State,Zip:		TACOMA, WA 98424-1537

COMMERCIAL SALES INC (Continued) **1004793553**

Site Contact Phone Number:	(253)922-6670
Site Contact Email:	terry@commercialsalesinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	COMMERCIAL SALES INC
Address:	6411 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424-1537
Facility Address 2:	Not reported
Facility ID:	55199767
EPA ID:	WAD070972856
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc
Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Paul Jensen
Legal Address:	6411 Pacific Hwy E

COMMERCIAL SALES INC (Continued) **1004793553**

Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98424-1537
Legal Phone Number:		(253)922-6670
Legal Effective Date:		05/01/1984
Land Organization Name:		Jensen LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		6411 Pacific Hwy E
Land City,State,Zip:		TACOMA, WA 98424-1537
Land Phone Number:		(253)922-6670
Operator Organization Name:		Commercial Sales Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		6411 Pacific Hwy E
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98424-1537
Operator Phone Number:		(253)922-6670
Operator Effective Date:		05/01/1984
Site Contact:		Terry Jensen
Site Contact Address:		6411 Pacific Hwy E
Contact City,State,Zip:		TACOMA, WA 98424-1537
Site Contact Phone Number:		(253)922-6670
Site Contact Email:		terry@commercialsalesinc.com
Gen Status Code:		SQG
Monthly Generation:		False
Batch Generation:		True
One Time Generation:		False
Transport Own Waste:		False
Tranports Other Waste:		False
Recycler Onsite:		False
Transfer Facility:		False
Other Exemption:		Not reported
UW Battery Gen:		False
Used Oil Transporter:		False
Used Oil Transfer Facility:		False
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		COMMERCIAL SALES INC
Address:		6411 PACIFIC HWY E
City,State,Zip:		TACOMA, WA 98424-1537
Facility Address 2:		Not reported
Facility ID:		55199767
EPA ID:		WAD070972856
NAICS:		423830
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False

COMMERCIAL SALES INC (Continued) **1004793553**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc
Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Paul Jensen
Legal Address:	6411 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1537
Legal Phone Number:	(253)922-6670
Legal Effective Date:	05/01/1984
Land Organization Name:	Jensen LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424-1537
Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-6670
Site Contact Email:	terry@commercialsalesinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

COMMERCIAL SALES INC (Continued) **1004793553**

Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		COMMERCIAL SALES INC
Address:		6411 PACIFIC HWY E
City,State,Zip:		TACOMA, WA 98424-1537
Facility Address 2:		Not reported
Facility ID:		55199767
EPA ID:		WAD070972856
NAICS:		423830
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001 F001	
Form Comm:		Not reported
Data Year:		2013
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600580240
Business Type:		In Machinery & Equipment
Mail Name:		Commercial Sales Inc
Mailing Address:		6411 Pacific Hwy E
Mailing City,State,Zip:		TACOMA, WA 98424-1537
Legal Organization Name:		Commercial Sales Inc
Legal Organization Type:		Private
Legal Contact:		Paul Jensen
Legal Address:		6411 Pacific Hwy E
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98424-1537
Legal Phone Number:		(253)922-6670
Legal Effective Date:		05/01/1984
Land Organization Name:		Jensen LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		6411 Pacific Hwy E
Land City,State,Zip:		TACOMA, WA 98424-1537
Land Phone Number:		(253)922-6670
Operator Organization Name:		Commercial Sales Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		6411 Pacific Hwy E
Operator Address 2:		Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-6670
Site Contact Email:	terry@commercialsalesinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COMMERCIAL SALES INC
Address:	6411 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424-1537
Facility Address 2:	Not reported
Facility ID:	55199767
EPA ID:	WAD070972856
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F001 - Acetone, D001 - Iginitable
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc

COMMERCIAL SALES INC (Continued) **1004793553**

Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Paul Jensen
Legal Address:	6411 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1537
Legal Phone Number:	(253)922-6670
Legal Effective Date:	05/01/1984
Land Organization Name:	Jensen LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424-1537
Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-6670
Site Contact Email:	terry@commercialsalesinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COMMERCIAL SALES INC
Address:	6411 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424-1537
Facility Address 2:	Not reported
Facility ID:	55199767
EPA ID:	WAD070972856
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001- Ignitable
Form Comm:	Not reported

COMMERCIAL SALES INC (Continued) **1004793553**

Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc
Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Paul Jensen
Legal Address:	6411 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1537
Legal Phone Number:	(253)922-6670
Legal Effective Date:	05/01/1984
Land Organization Name:	Jensen LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424-1537
Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-6670
Site Contact Email:	terry@commercialsalesinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

COMMERCIAL SALES INC (Continued) **1004793553**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COMMERCIAL SALES INC
Address:	6411 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424-1537
Facility Address 2:	Not reported
Facility ID:	55199767
EPA ID:	WAD070972856
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc
Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Paul Jensen
Legal Address:	6411 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1537
Legal Phone Number:	(253)922-6670
Legal Effective Date:	05/01/1984
Land Organization Name:	Jensen LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424-1537

COMMERCIAL SALES INC (Continued) **1004793553**

Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-5808
Site Contact Email:	terry@arpbathrubs.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COMMERCIAL SALES INC
Address:	6411 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424-1537
Facility Address 2:	Not reported
Facility ID:	55199767
EPA ID:	WAD070972856
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False

COMMERCIAL SALES INC (Continued) **1004793553**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600580240
Business Type:	In Machinery & Equipment
Mail Name:	Commercial Sales Inc
Mailing Address:	6411 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424-1537
Legal Organization Name:	Commercial Sales Inc
Legal Organization Type:	Private
Legal Contact:	Paul Jensen
Legal Address:	6411 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1537
Legal Phone Number:	(253)922-6670
Legal Effective Date:	05/01/1984
Land Organization Name:	Jensen LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424-1537
Land Phone Number:	(253)922-6670
Operator Organization Name:	Commercial Sales Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1537
Operator Phone Number:	(253)922-6670
Operator Effective Date:	05/01/1984
Site Contact:	Terry Jensen
Site Contact Address:	6411 Pacific Hwy E
Contact City,State,Zip:	TACOMA, WA 98424-1537
Site Contact Phone Number:	(253)922-6670
Site Contact Email:	merle@arpbathrubs.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

I32 SE 1/4-1/2 0.427 mi. 2254 ft. | **B & L WOODWASTE 2201 6T AVE MILTON, WA** | **SWF/LF** | **S110629850 N/A**

Site 1 of 2 in cluster I

Relative: Higher

Actual: 34 ft.

SWF/LF:

Name:	B & L WOODWASTE
Address:	2201 6T AVE
City,State,Zip:	MILTON, WA
Facility ID:	736
Region:	STATE
Permit Status:	Permit Not Required
Contact Organization:	Tacoma-Pierce Health Department
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Tacoma-Pierce Health Department
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Historic Landfill (non-regulated)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

I33 SE 1/4-1/2 0.427 mi. 2255 ft. | **B & L WOODWASTE LANDFILL FIFE WAY & PUGET POWER RD TACOMA, WA 98354** | **HSL CSCSL INST CONTROL ALLSITES NPDES** | **1007080863 N/A**

Site 2 of 2 in cluster I

Relative: Higher

Actual: 32 ft.

HSL:

Name:	B & L WOODWASTE LANDFILL
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	1203
Rank:	1
Region:	SW
EDR Link ID:	1203
Region Decode:	SOUTHWEST REGIONAL OFFICE

B & L WOODWASTE LANDFILL (Continued) **1007080863**

CSCSL:

Name:	B & L WOODWASTE LANDFILL
Address:	FIFE WAY & PUGET POWER RD
City,State,Zip:	TACOMA, WA 98354
Facility ID:	1203
Region:	Southwest
Lat/Long:	47.24283 / -122.32669
Clean Up Siteid:	2297
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	B & L WOODWASTE LANDFILL
Address:	FIFE WAY & PUGET POWER RD
City,State,Zip:	TACOMA, WA 98354
Facility ID:	1203
Region:	Southwest
Lat/Long:	47.24283 / -122.32669
Clean Up Siteid:	2297
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	B & L WOODWASTE LANDFILL
Address:	FIFE WAY & PUGET POWER RD
City,State,Zip:	TACOMA, WA 98354
Facility Site ID:	1203
Latitude:	47.24283
Longitude:	-122.32669
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0151001005e+011
Filing Date Of Individual IC Doc:	10/01/2015

B & L WOODWASTE LANDFILL (Continued) **1007080863**

Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	420053065
Control Active:	True
CS ID:	2297
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	B & L WOODWASTE LANDFILL
Facility Id:	1203

NPDES:

Name:	B & L WOODWASTE LANDFILL
Address:	FIFE WAY & PUGET POWER RD -
City,State,Zip:	TACOMA, WA 98354
Facility Status:	Active
Facility Type:	Industrial NPDES IP
Admin Region:	Southwest
Date Issued:	10/31/2016
Latitude:	47.24282999
Longitude:	-122.32669
Permit ID:	WA0040321
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Issued
Ecology Contact:	Mohsen Kourehdar
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2021
Effective Date:	01/01/2017
Days to Expiration:	-536

34 ESE 1/4-1/2 0.438 mi. 2315 ft. | **B&L LANDFILL 522 FIFE WAY EAST MILTON, WA 98424** | **ALLSITES** | **S118147083 N/A**

Relative: Higher
Actual: 41 ft.

ALLSITES:

Name:	B&L LANDFILL
Facility Id:	7576

---

35 North 1/4-1/2 0.439 mi. 2319 ft. | **GLOBAL PAVING 7608 PACIFIC HWY E MILTON, WA 98354** | **CSCSL ALLSITES** | **S120066502 N/A**

Relative: Higher
Actual: 45 ft.

CSCSL:

Name:	GLOBAL PAVING
Address:	7608 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	70678
Region:	Southwest
Lat/Long:	47.25414 / -122.33519
Clean Up Siteid:	14664
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	GLOBAL PAVING
Address:	7608 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	70678
Region:	Southwest
Lat/Long:	47.25414 / -122.33519
Clean Up Siteid:	14664
Site Status:	Awaiting Cleanup
Contaminant Name:	Corrosive Wastes
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

GLOBAL PAVING (Continued) **S120066502**

Name:	GLOBAL PAVING
Address:	7608 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	70678
Region:	Southwest
Lat/Long:	47.25414 / -122.33519
Clean Up Siteid:	14664
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	GLOBAL PAVING
Address:	7608 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	70678
Region:	Southwest
Lat/Long:	47.25414 / -122.33519
Clean Up Siteid:	14664
Site Status:	Awaiting Cleanup
Contaminant Name:	Methyl tertiary-butyl ether
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	GLOBAL PAVING
Address:	7608 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	70678
Region:	Southwest
Lat/Long:	47.25414 / -122.33519
Clean Up Siteid:	14664
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

GLOBAL PAVING (Continued) **S120066502**

Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: GLOBAL PAVING
Address: 7608 PACIFIC HWY E
City,State,Zip: MILTON, WA 98354
Facility ID: 70678
Region: Southwest
Lat/Long: 47.25414 / -122.33519
Clean Up Siteid: 14664
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: GLOBAL PAVING
Address: 7608 PACIFIC HWY E
City,State,Zip: MILTON, WA 98354
Facility ID: 70678
Region: Southwest
Lat/Long: 47.25414 / -122.33519
Clean Up Siteid: 14664
Site Status: Awaiting Cleanup
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: GLOBAL PAVING
Address: 7608 PACIFIC HWY E
City,State,Zip: MILTON, WA 98354
Facility ID: 70678

GLOBAL PAVING (Continued) **S120066502**

Region: Southwest
Lat/Long: 47.25414 / -122.33519
Clean Up Siteid: 14664
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: GLOBAL PAVING
Facility Id: 70678

Name: CLIFF & SOPHIA COOPER
Facility Id: 7898

H36 WSW 1/4-1/2 0.448 mi. 2368 ft. | **JAPANESE AUTO REPAIR FIFE** | **ALLSITES** | **S109824634**
6323 PACIFIC HWY E | **N/A**
FIFE, WA 98424

Site 2 of 2 in cluster H

Relative: Lower
Actual: 15 ft.

ALLSITES:
Name: JAPANESE AUTO REPAIR FIFE
Facility Id: 20931

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37 ENE 1/4-1/2 0.452 mi. 2384 ft. | **MILTON MILLWORK** | **ALLSITES** | **1001600454**
1203 PORTER WAY | **RCRA NonGen / NLR** | **WA0000379347**
MILTON, WA 98354 | **FINDS**
ECHO

Relative: Higher
Actual: 31 ft.

ALLSITES:
Name: MILTON MILLWORK
Facility Id: 77684746

RCRA Listings:
Date Form Received by Agency: 2004-01-13 00:00:00.0
Handler Name: MILTON MILLWORK
Handler Address: 1203 PORTER WAY
Handler City,State,Zip: MILTON, WA 98354
EPA ID: WA0000379347
Contact Name: KRISTI CEDER
Contact Address: PO BOX 790
Contact City,State,Zip: MILTON, WA 98354
Contact Telephone: 253-922-6217

MILTON MILLWORK (Continued) **1001600454**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 790
Mailing City,State,Zip:	MILTON, WA 98354
Owner Name:	MILTON MILLWORK
Owner Type:	Private
Operator Name:	CEDER, DONALD E
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

MILTON MILLWORK (Continued) **1001600454**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 20:10:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CEDER, DONALD E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CEDER, DONALD E
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER

MILTON MILLWORK (Continued) **1001600454**

Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MILTON MILLWORK (Continued) **1001600454**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported

MILTON MILLWORK (Continued) **1001600454**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790

MILTON MILLWORK (Continued) **1001600454**

Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CEDER, DONALD E
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DONALD CEDER
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILTON MILLWORK
Legal Status:	Other
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 790
Owner/Operator City,State,Zip:	MILTON, WA 98354-0790
Owner/Operator Telephone:	253-922-6217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-01-12 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-13 00:00:00.0

MILTON MILLWORK (Continued) **1001600454**

Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-16 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-05 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

MILTON MILLWORK (Continued) **1001600454**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-23 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-04 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-02 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-26 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

MILTON MILLWORK (Continued) **1001600454**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-04-01 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-22 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-12 00:00:00.0
Handler Name:	MILTON MILLWORK
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33711
NAICS Description:	WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID:	110005305570

MILTON MILLWORK (Continued) **1001600454**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600454
Registry ID:	110005305570
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005305570
Name:	MILTON MILLWORK
Address:	1203 PORTER WAY
City,State,Zip:	MILTON, WA 98354

---

38 **ENTERPRISE CENTER FIFE** **ALLSITES** **S118344824**
South **N/A**
1/4-1/2 **FIFE, WA 98424**
0.453 mi.
2390 ft.

Relative: **Higher**
Actual: **22 ft.**

ALLSITES:

Name:	ENTERPRISE CENTER FIFE
Facility Id:	18488

J39 **MURRAY PACIFIC CORP B L LDFL** **ALLSITES** **S109554734**
ENE **T20N R4E S5 SE1/4 OF SW1/4** **N/A**
1/4-1/2 **MILTON, WA 98354**
0.455 mi.
2400 ft. **Site 1 of 2 in cluster J**

Relative: **Higher**
Actual: **24 ft.**

ALLSITES:

Name:	MURRAY PACIFIC CORP B L LDFL
Facility Id:	4841756

J40 ENE 1/4-1/2 0.456 mi. 2409 ft. | **B & L WOODWASTE FILL**
PORTER WAY T20N R4E S5
MILTON, WA 98354

Site 2 of 2 in cluster J

SEMS **1000121792**
RCRA NonGen / NLR **WAD980738025**

Relative: Higher

Actual: 24 ft.

SEMS:

Site ID:	1000984
EPA ID:	WAD980738025
Name:	B & L WOODWASTE FILL
Address:	PORTER WAY T20N R4E S5
Address 2:	Not reported
City,State,Zip:	MILTON, WA 98354
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1000984
EPA ID:	WAD980738025
Site Name:	B & L WOODWASTE FILL
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-06-01 04:00:00
Finish Date:	6/1/1980 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000984
EPA ID:	WAD980738025
Site Name:	B & L WOODWASTE FILL
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1987-12-01 05:00:00
Finish Date:	12/1/1987 5:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000984
EPA ID:	WAD980738025
Site Name:	B & L WOODWASTE FILL
NPL:	A
FF:	N
OU:	00
Action Code:	PA

B & L WOODWASTE FILL (Continued) **1000121792**

Action Name:	PA
SEQ:	1
Start Date:	1985-09-12 05:00:00
Finish Date:	11/5/1985 6:00:00 AM
Qual:	H
Current Action Lead:	St Perf

RCRA Listings:

Date Form Received by Agency:	1990-03-02 00:00:00.0
Handler Name:	MURRAY PACIFIC CORP B L LDFL
Handler Address:	T20N R4E S5 SE1/4 OF SW1/4
Handler City,State,Zip:	MILTON, WA 98354
EPA ID:	WAD980738025
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3502 LINCOLN AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	MURRAY PACIFIC CORP
Owner Type:	Private
Operator Name:	MURRAY PACIFIC CORP B L LDFL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

B & L WOODWASTE FILL (Continued) **1000121792**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	T20N R4E S5 SE1/4 OF SW1/4
Owner/Operator City,State,Zip:	MILTON, WA 98354-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURRAY PACIFIC CORP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	T20N R4E S5 SE1/4 OF SW1/4
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000

B & L WOODWASTE FILL (Continued) **1000121792**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC CORP B L LDFL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	T20N R4E S5 SE1/4 OF SW1/4
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURRAY PACIFIC CORP B L LDFL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	T20N R4E S5 SE1/4 OF SW1/4
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	T20N R4E S5 SE1/4 OF SW1/4
Owner/Operator City,State,Zip:	MILTON, WA 98354
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-03-02 00:00:00.0
Handler Name:	MURRAY PACIFIC CORP B L LDFL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-03-02 00:00:00.0
Handler Name:	MURRAY PACIFIC CORP B L LDFL
Federal Waste Generator Description:	Not a generator, verified

B & L WOODWASTE FILL (Continued) **1000121792**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	MURRAY PACIFIC CORPORATION-B L
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	562
NAICS Description:	WASTE MANAGEMENT AND REMEDIATION SERVICES

NAICS Code:	562212
NAICS Description:	SOLID WASTE LANDFILL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

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41 **TVETEN RV CO** **ALLSITES** **S109557208**
North **7700 PACIFIC HWY E** **N/A**
1/4-1/2 **MILTON, WA 98354**
0.477 mi.
2517 ft.

Relative:
Higher

Actual:
41 ft.

ALLSITES:

Name:	TVETEN RV CO
Facility Id:	81722636

42
NNE
1/4-1/2
0.487 mi.
2569 ft.

AUTO TRANSPORT
NB I5 MP 139
MILTON, WA 98354

ALLSITES
FINDS

1011971702
N/A

Relative:
Higher

Actual:
34 ft.

ALLSITES:
Name: AUTO TRANSPORT
Facility Id: 5920827

FINDS:
Registry ID: 110037905229

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

43
WSW
1/4-1/2
0.491 mi.
2590 ft.

PRACTICAL TRUCKS EQUIP INC
6307 PACIFIC HWY E
TACOMA, WA 98424

ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000659655
WAD988493300

Relative:
Lower

Actual:
16 ft.

ALLSITES:
Name: PRACTICAL TRUCKS EQUIP INC
Facility Id: 73272568

RCRA Listings:

Date Form Received by Agency:	1998-04-25 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Handler Address:	6307 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988493300
Contact Name:	JIM CARMICHAEL
Contact Address:	6307 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	206-922-6321
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6307 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Owner Name:	PRACTICAL TRUCKS EQUIP INC
Owner Type:	Private
Operator Name:	PRACTICAL TRUCKS EQUIP INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:24:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Manifest Broker: No
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: PRACTICAL TRUCKS EQUIP INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6307 PACIFIC HWY E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 253-922-6321
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PRACTICAL TRUCKS EQUIP INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6307 PACIFIC HWY E
Owner/Operator City,State,Zip: TACOMA, WA 98424-1536
Owner/Operator Telephone: 253-922-6321
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PRACTICAL TRUCKS EQUIP INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6307 PACIFIC HWY E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PRACTICAL TRUCKS EQUIP INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6307 PACIFIC HWY E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PRACTICAL TRUCKS EQUIP INC
Legal Status: Private
Date Became Current: 1996-05-02 00:00:00.

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1536
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCK P
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1536
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRACTICAL TRUCKS EQUIP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6307 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-04-24 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Receive Date:	1997-12-26 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-25 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-12-26 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-24 00:00:00.0
Handler Name:	PRACTICAL TRUCKS EQUIP INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 441229
NAICS Description: ALL OTHER MOTOR VEHICLE DEALERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1997-06-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

PRACTICAL TRUCKS EQUIP INC (Continued) **1000659655**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005365988

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000659655
Registry ID:	110005365988
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005365988
Name:	PRACTICAL TRUCKS EQUIP INC
Address:	6307 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

44
North
1/2-1
0.513 mi.
2711 ft.

OVALS MOTORSPORT MILTON **CSCSL** **S110486243**
7708 PACIFIC HWY E **ALLSITES** **N/A**
MILTON, WA 98354

Relative:
Higher

Actual:
42 ft.

CSCSL:

Name:	OVALS MOTORSPORT MILTON
Address:	7708 PACIFIC HWY E
City,State,Zip:	MILTON, WA 98354
Facility ID:	10389
Region:	Southwest
Lat/Long:	47.254775 / -122.33495
Clean Up Siteid:	11487
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

OVALS MOTORSPORT MILTON (Continued) **S110486243**

ALLSITES:
Name: OVALS MOTORSPORT MILTON
Facility Id: 10389

---

45 WSW 1/2-1 0.540 mi. 2853 ft. | **CENTURYLINK QC 1427 62ND AVE E FIFE, WA 98424** | **CSCSL LUST UST ALLSITES** | **U003356095 N/A**

Relative: Lower

Actual: 16 ft.

CSCSL:
Name: US WEST WAVERLY 2 CO
Address: 1427 62ND AVE E
City,State,Zip: TACOMA, WA 98424
Facility ID: 37432679
Region: Southwest
Lat/Long: 47.243528 / -122.346667
Clean Up Siteid: 8934
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: CenturyLink QC,US WEST COMMUNICATIONS W00101,USWCOM Tacoma Waverly Co,WAVERLY 2 CO 070101
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: US WEST WAVERLY 2 CO
Address: 1427 62ND AVE E
City,State,Zip: TACOMA, WA 98424
Facility ID: 37432679
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8934
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CenturyLink QC,US WEST COMMUNICATIONS W00101,USWCOM Tacoma Waverly Co,WAVERLY 2 CO 070101
Response Section: Southwest
Release Date: 04/16/1990
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 298
UST ID: 9965
Contaminant Name: Petroleum-Diesel
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported

CENTURYLINK QC (Continued) **U003356095**

Bedrock:	Not reported
Lat/Long:	47.243528 / -122.34666

UST:

Name:	CENTURYLINK QC
Address:	1427 62ND AVE E
City:	FIFE
Zip:	98424
Facility ID:	37432679
Site Id:	9965
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.243528
Decimal Longitude:	-122.346667

Tank Name:	1HEATING
Tag Number:	A0891
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CENTURYLINK QC
Address:	1427 62ND AVE E
City:	FIFE
Zip:	98424

Tank Name:	2STANDBY
Tag Number:	A0891
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1970
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported

CENTURYLINK QC (Continued) **U003356095**

Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CENTURYLINK QC
Address:	1427 62ND AVE E
City:	FIFE
Zip:	98424

Tank Name:	3POWER
Tag Number:	A0891
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	05/01/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	01/22/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not in contact with soil

ALLSITES:

Name:	USWCOM TACOMA WAVERLY CO
Facility Id:	37432679

46 East 1/2-1 0.632 mi. 3336 ft. | **MILTON LAUNDRY**
1010 MILTON WAY
MILTON, WA 98354 | **CSCSL ALLSITES** | **S118344825 N/A**

Relative: Higher
Actual: 188 ft.

CSCSL:

Name:	MILTON LAUNDRY
Address:	1010 MILTON WAY
City,State,Zip:	MILTON, WA 98354
Facility ID:	1848
Region:	Southwest
Lat/Long:	47.246836974921 / -122.3210999044
Clean Up Siteid:	12746
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	MILTON LAUNDRY
Facility Id:	1848

---

47 WSW 1/2-1 0.788 mi. 4163 ft. | **SCORPION INVESTMENTS LLC PROPERTY**
5719 15TH ST E
FIFE, WA 98424 | **CSCSL ALLSITES** | **S108969374 N/A**

Relative: Lower
Actual: 15 ft.

CSCSL:

Name:	SCORPION INVESTMENTS LLC PROPERTY
Address:	5719 15TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	4690593
Region:	Southwest
Lat/Long:	47.244333 / -122.352278
Clean Up Siteid:	4008
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

SCORPION INVESTMENTS LLC PROPERTY (Continued) **S108969374**

Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SCORPION INVESTMENTS LLC PROPERTY
Facility Id: 4690593

48
West
1/2-1
0.923 mi.
4871 ft.

54TH AVE TPU TRANSFORMER **CSCSL** **S123095831**
901 54TH AVE E **ALLSITES** **N/A**
FIFE, WA 98424

Relative:
Lower

Actual:
14 ft.

CSCSL:
Name: 54TH AVE TPU TRANSFORMER
Address: 901 54TH AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 56998
Region: Southwest
Lat/Long: 47.24883 / -122.35371
Clean Up Siteid: 14703
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 54TH AVE TPU TRANSFORMER
Facility Id: 56998

K49
WSW
1/2-1
0.971 mi.
5127 ft.

KAYO OIL 2705486 **CSCSL** **1000659065**
5405 PACIFIC HWY E **LUST** **WAD988487302**
FIFE, WA 98424 **ALLSITES**
RCRA NonGen / NLR
Site 1 of 2 in cluster K **MANIFEST**

Relative:
Lower

Actual:
13 ft.

CSCSL:
Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Region: Southwest
Lat/Long: 47.2432 / -122.35652
Clean Up Siteid: 9933
Site Status: Cleanup Started

KAYO OIL 2705486 (Continued) **1000659065**

Contaminant Name: Benzene
Alternate Site Names: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Region: Southwest
Lat/Long: 47.2432 / -122.35652
Clean Up Siteid: 9933
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 9933
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Response Section: Southwest
Release Date: 07/09/1993
Lust Date: 12/27/2000
Region: Southwest
Lust ID: 265

KAYO OIL 2705486 (Continued) **1000659065**

UST ID:	10158
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2432 / -122.35652

Name:	BP 11073
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	62556434
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	9933
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Response Section:	Southwest
Release Date:	07/09/1993
Lust Date:	12/27/2000
Region:	Southwest
Lust ID:	265
UST ID:	10158
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2432 / -122.35652

ALLSITES:

Name:	CIRCLE K STORE 5486 BP OIL
Facility Id:	62556434

RCRA Listings:

Date Form Received by Agency:	2009-02-14 00:00:00.0
Handler Name:	KAYO OIL 2705486
Handler Address:	5405 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988487302
Contact Name:	THOMAS BORDER
Contact Address:	600 NORTH DAIRY ASHFORD,
Contact City,State,Zip:	HOUSTON, TX 77079
Contact Telephone:	281-293-4335
Contact Fax:	Not reported
Contact Email:	THOMAS.R.BORDER@CONOCOPHILLIPS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified

KAYO OIL 2705486 (Continued) **1000659065**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	600 NORTH DAIRY ASHFORD
Mailing City,State,Zip:	HOUSTON, WA 77079
Owner Name:	CONOCOPHILLIPS COMPANY
Owner Type:	Private
Operator Name:	KAYO OIL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

KAYO OIL 2705486 (Continued) **1000659065**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 12:24:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS C
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL K
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private

KAYO OIL 2705486 (Continued) **1000659065**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOSCO CORP SPOKANE TERMINAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private

KAYO OIL 2705486 (Continued) **1000659065**

Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private

KAYO OIL 2705486 (Continued) **1000659065**

Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-02-16 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-13 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

KAYO OIL 2705486 (Continued) **1000659065**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-14 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-24 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-28 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-04-04 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-07 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

KAYO OIL 2705486 (Continued) **1000659065**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-16 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

KAYO OIL 2705486 (Continued) **1000659065**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-03-22 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-07 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-13 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-28 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	KAYO OIL 2705486

KAYO OIL 2705486 (Continued) **1000659065**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

WA MANIFEST:

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434

KAYO OIL 2705486 (Continued) **1000659065**

EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Site Sold
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003
Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	XQG
Monthly Generation:	False

KAYO OIL 2705486 (Continued) **1000659065**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003

KAYO OIL 2705486 (Continued) **1000659065**

Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No

KAYO OIL 2705486 (Continued) **1000659065**

Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003
Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
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Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave

KAYO OIL 2705486 (Continued) **1000659065**

Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

K50 **CARLSON WAGONLIT TRAVEL** **CSCSL** **S104320432**
WSW **1501 54TH AVE E** **ALLSITES** **N/A**
1/2-1 **FIFE, WA 98424**
0.995 mi.
5255 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
14 ft.

CSCSL:

Name:	CARLSON WAGONLIT TRAVEL
Address:	1501 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35825444
Region:	Southwest
Lat/Long:	47.244 / -122.35678
Clean Up Siteid:	3480
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CARLSON WAGONLIT TRAVEL
Address:	1501 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35825444
Region:	Southwest
Lat/Long:	47.244 / -122.35678
Clean Up Siteid:	3480
Site Status:	Cleanup Started

CARLSON WAGONLIT TRAVEL (Continued) **S104320432**

Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	CARLSON WAGONLIT TRAVEL
Facility Id:	35825444

Count: 10 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FEDERAL WAY	S126321181	TRANSPORT INTERNATIONAL TRUCK SVCS	I-5 & WA 18 & MILTON RD S	98003	CSCSL NFA
FEDERAL WAY	S124432549	SHELL 121094	31660 PACIFIC HWY S	98003	VCP
FIFE	S124434070	SCHULER INDUSTRIAL PARK	5919 12TH ST E & 1112 62ND AVE	98424	VCP
FIFE	S124432679	DAIRY BARN COMPLEX	3700 BLK OF 70TH AVE E	98424	VCP
FIFE	S124432943	FARM SUPPORT BUILDING	3700 BLK OF 70TH AVE E	98424	VCP
FIFE	S103510079	TEXACO	5501 MILTON AVE. E.	98424	ICR
MILTON	S118401800	JERRY APPLE DUMPSITE "OLSON SITE"	ADJACENT TO 562 5TH ST NW		SWF/LF
MILTON	S118402286	US GYPSUM (SITE 2)	BETWEEN HWY 99 AND I-5		SWF/LF
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		SWF/LF
PIERCE COUNTY	S118401580	CHARLES JACKSON FILL SITE	70TH AVE AND HWY 99		SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

The Sanborn Map Report review was conducted for the TDLE project area.
The subject property is located in an area with no Sanborn Map coverage.

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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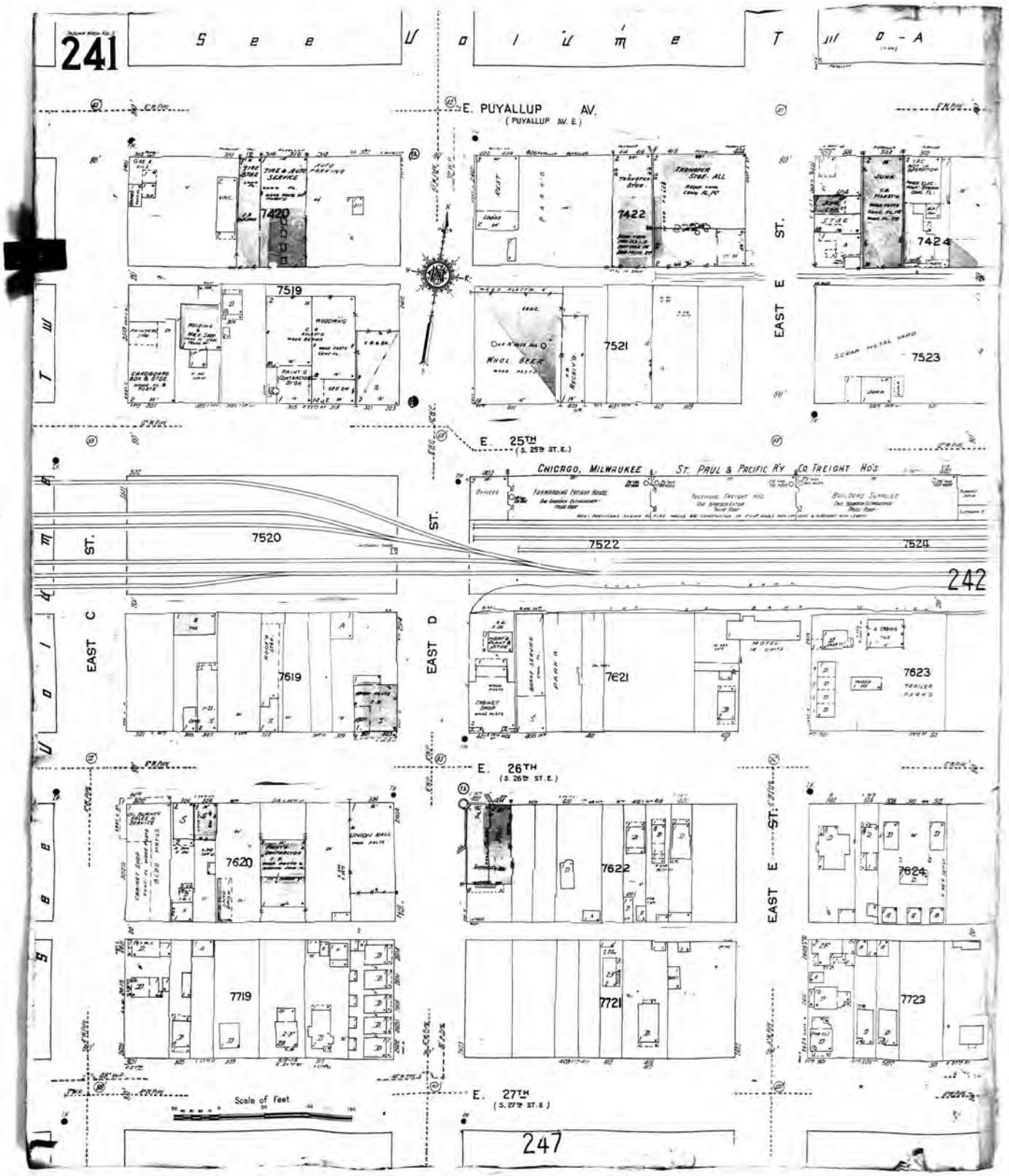

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

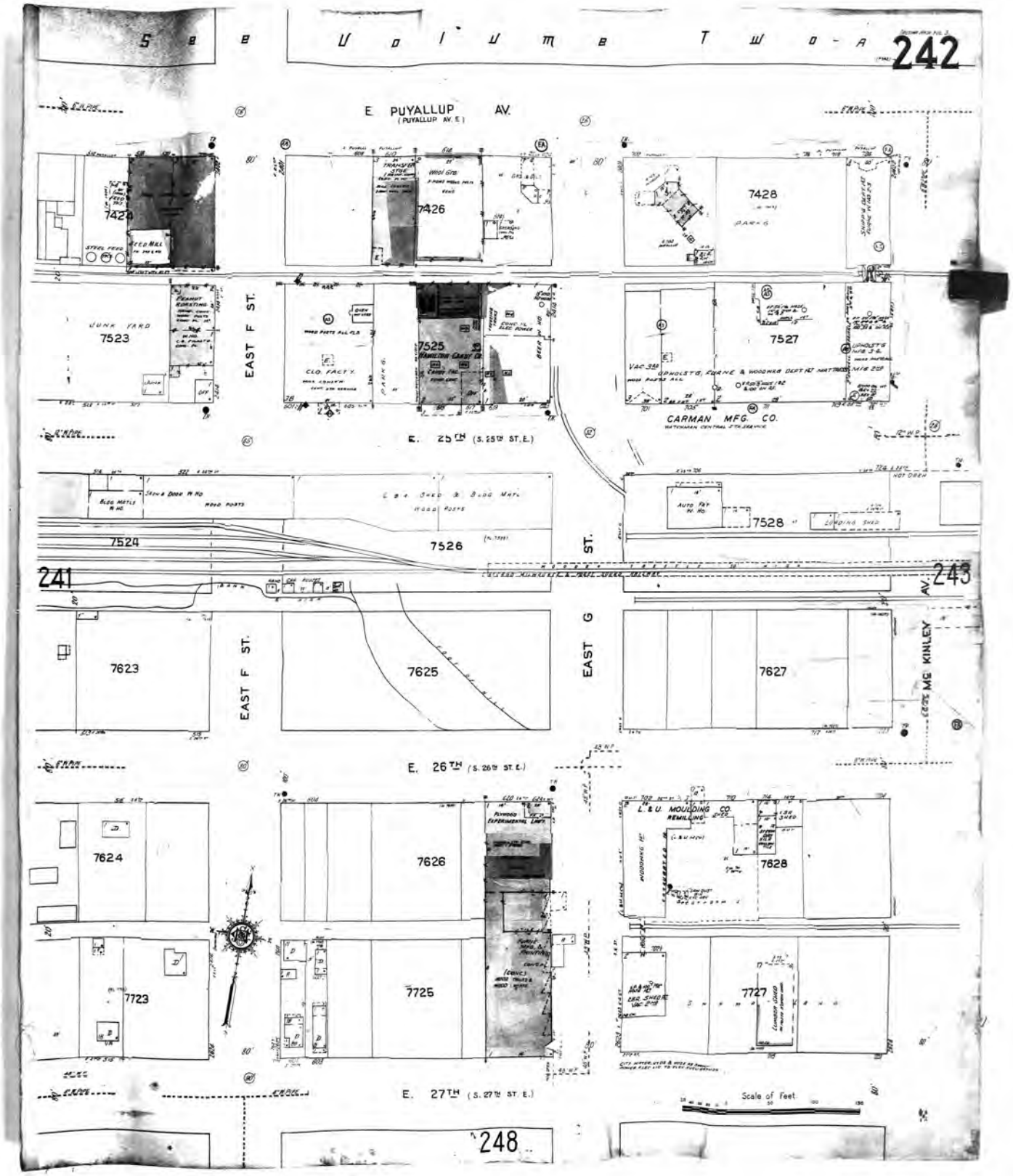

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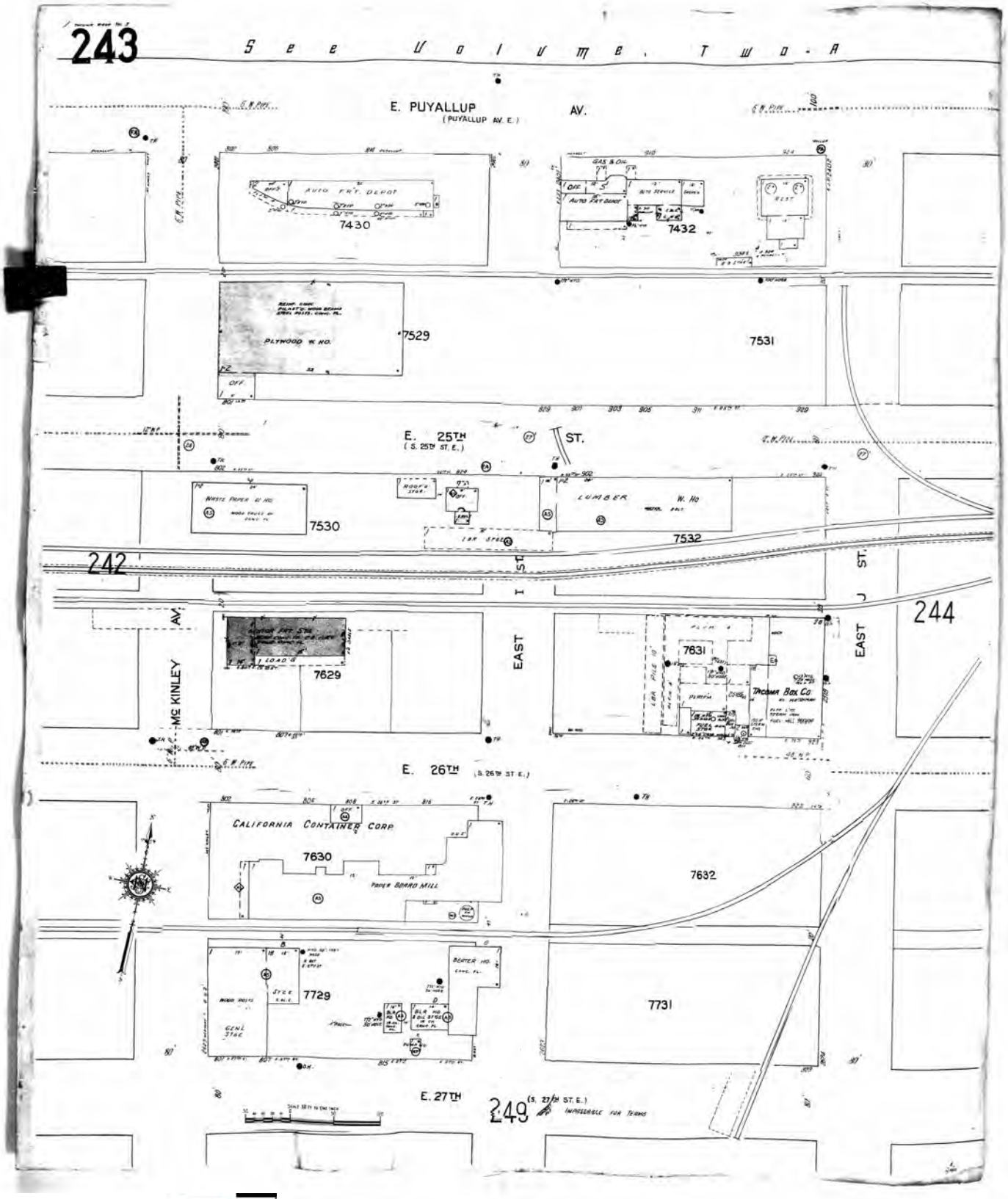

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

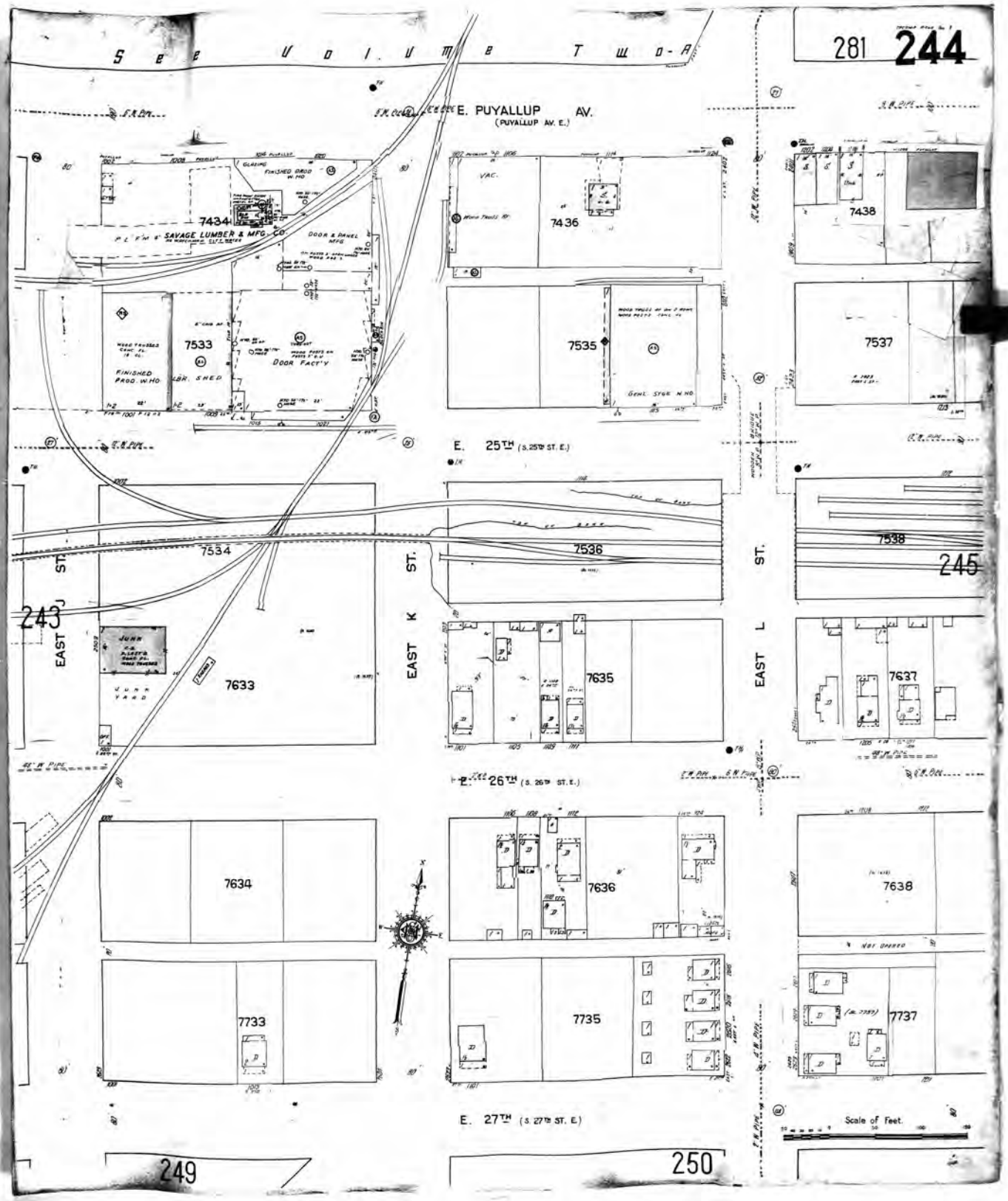

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

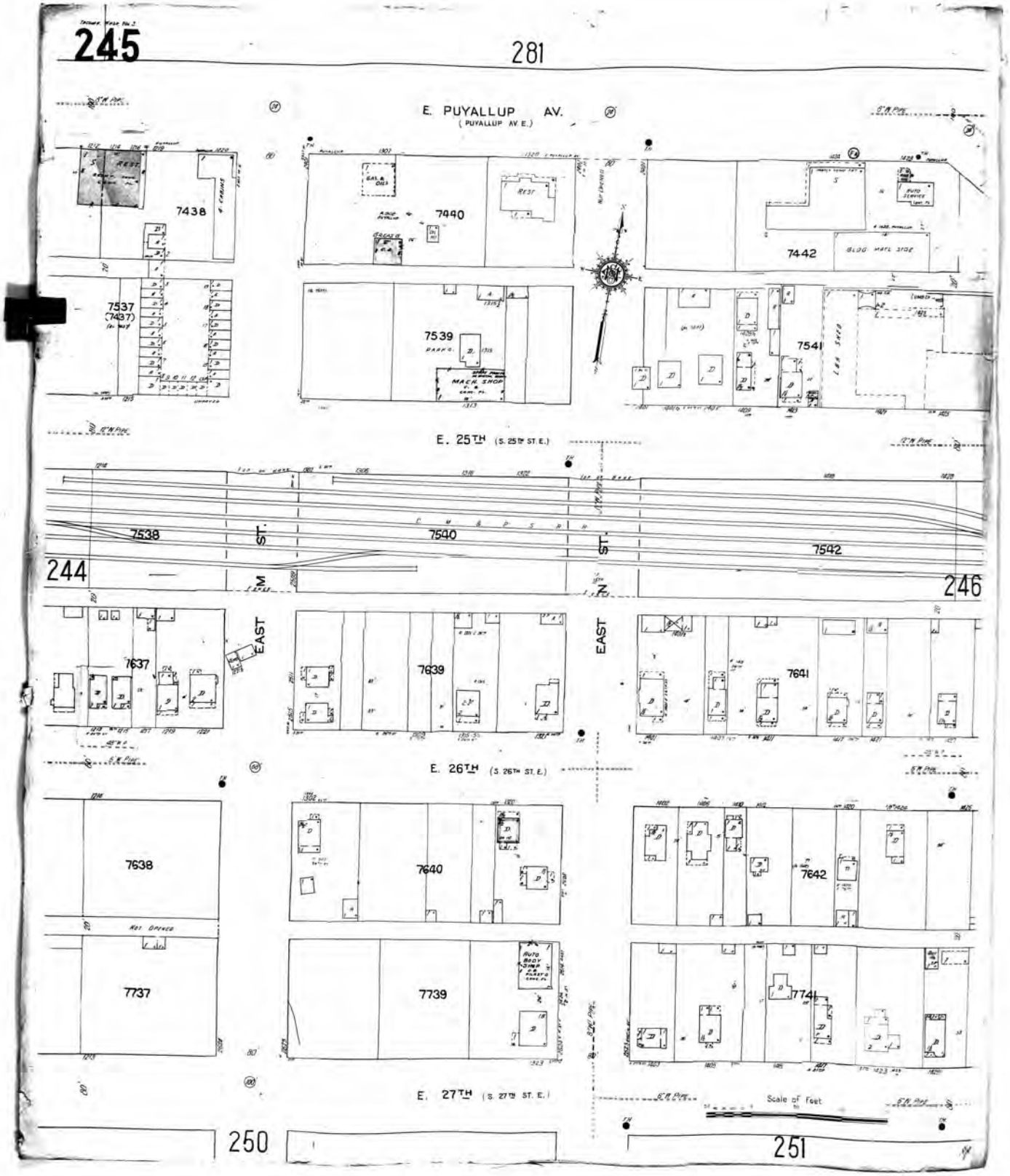

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

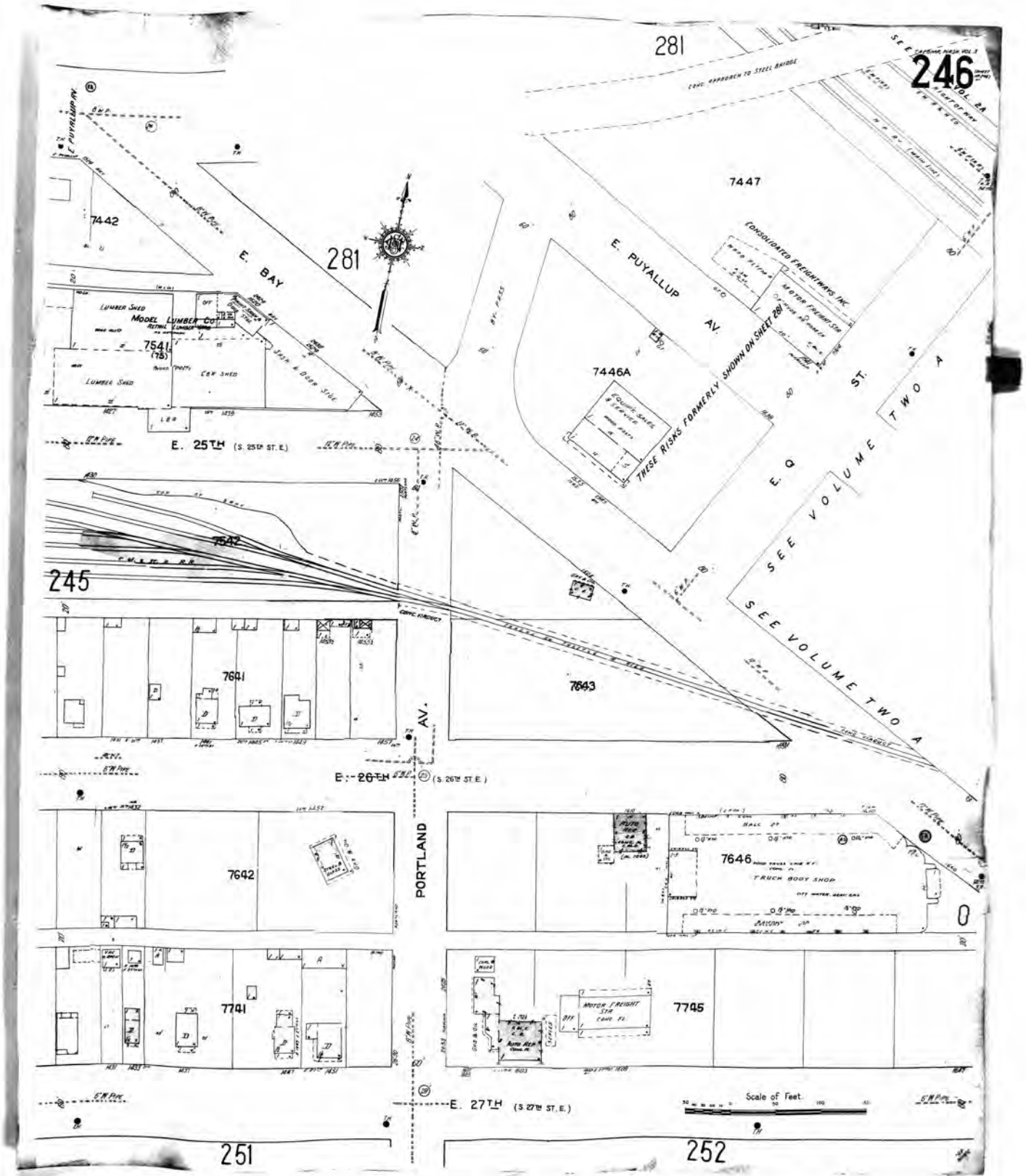

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Certification #	B2C5-4CC5-A27B
Copyright	1963

Certified Sanborn® Map

1950

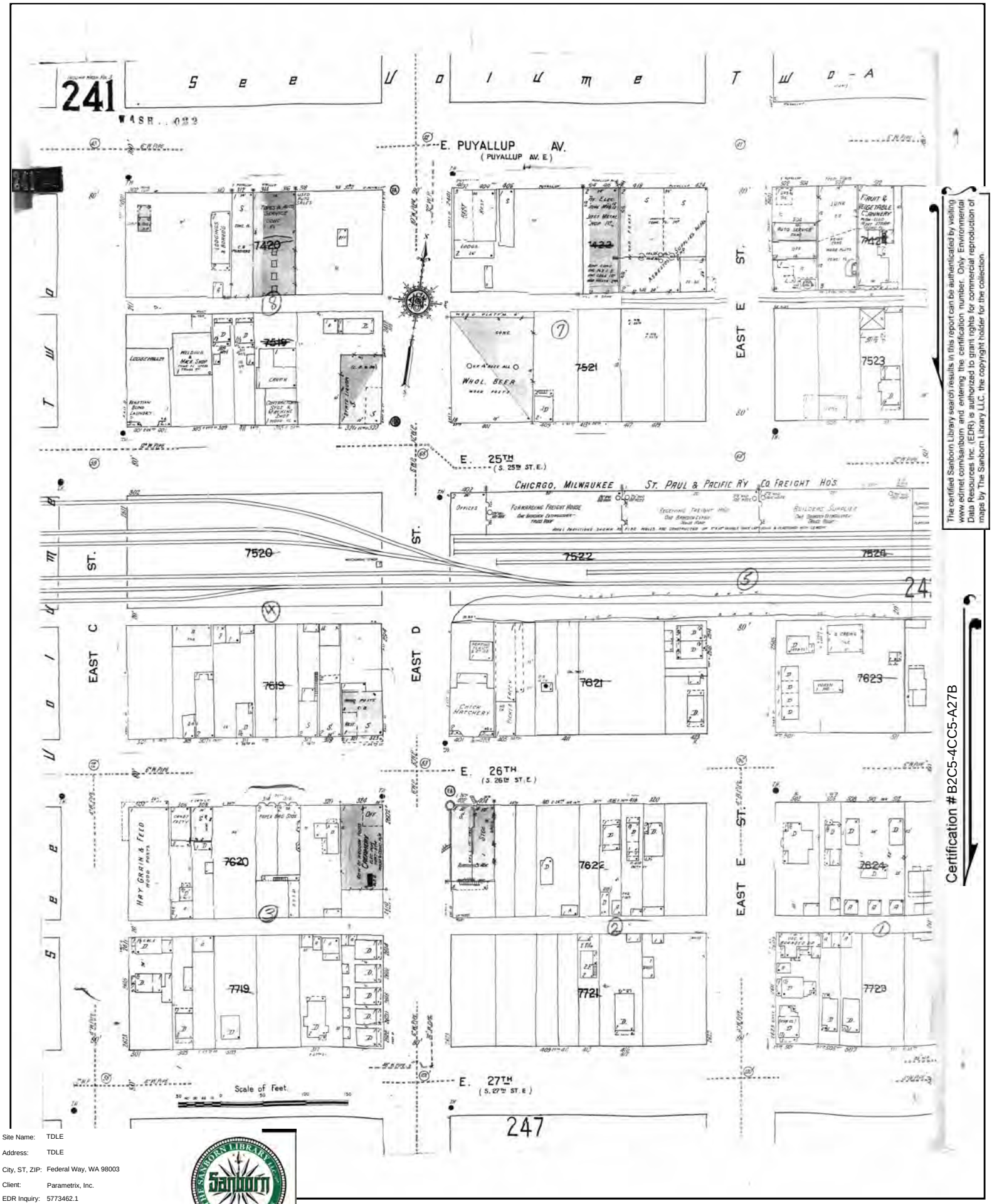

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

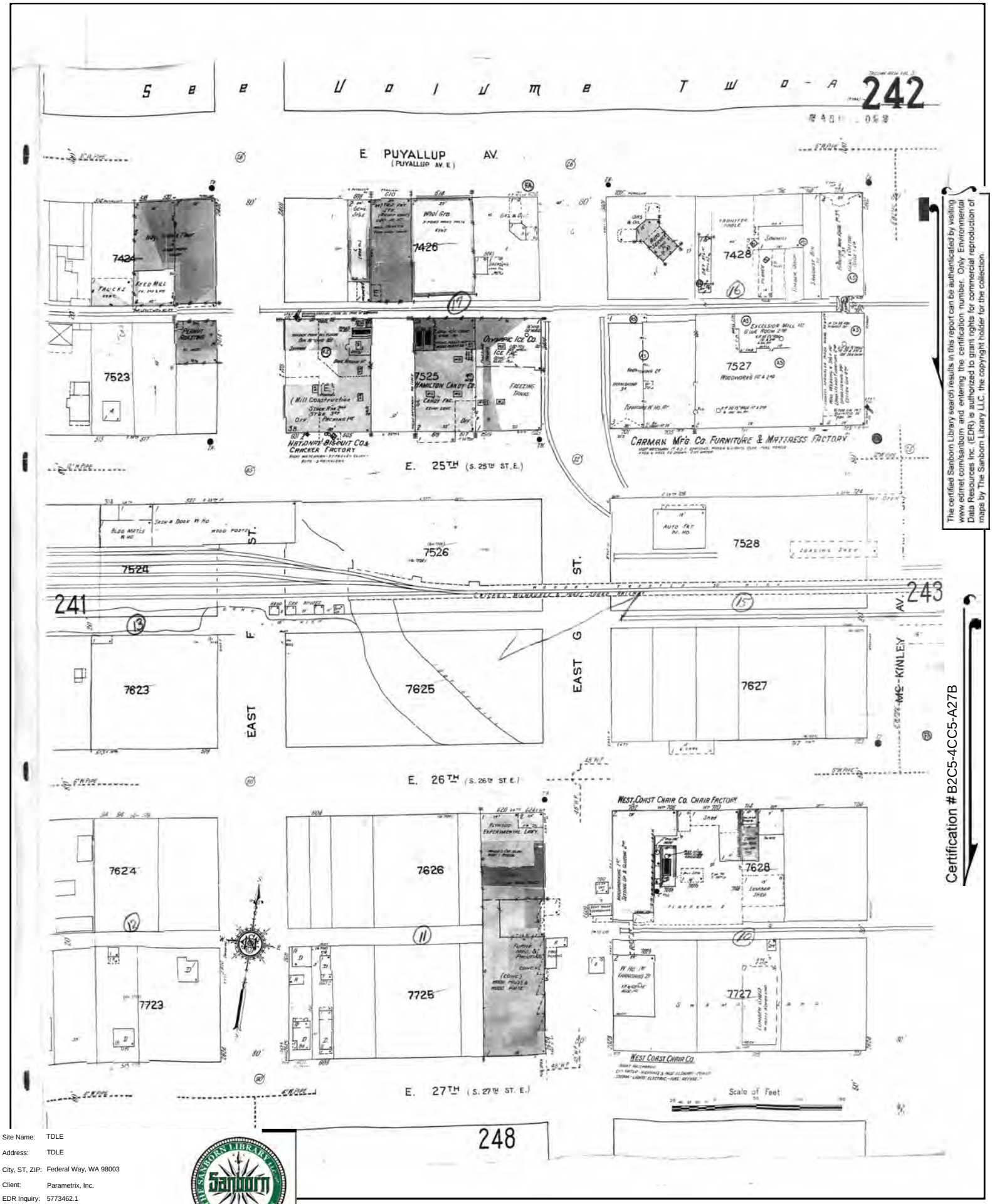

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

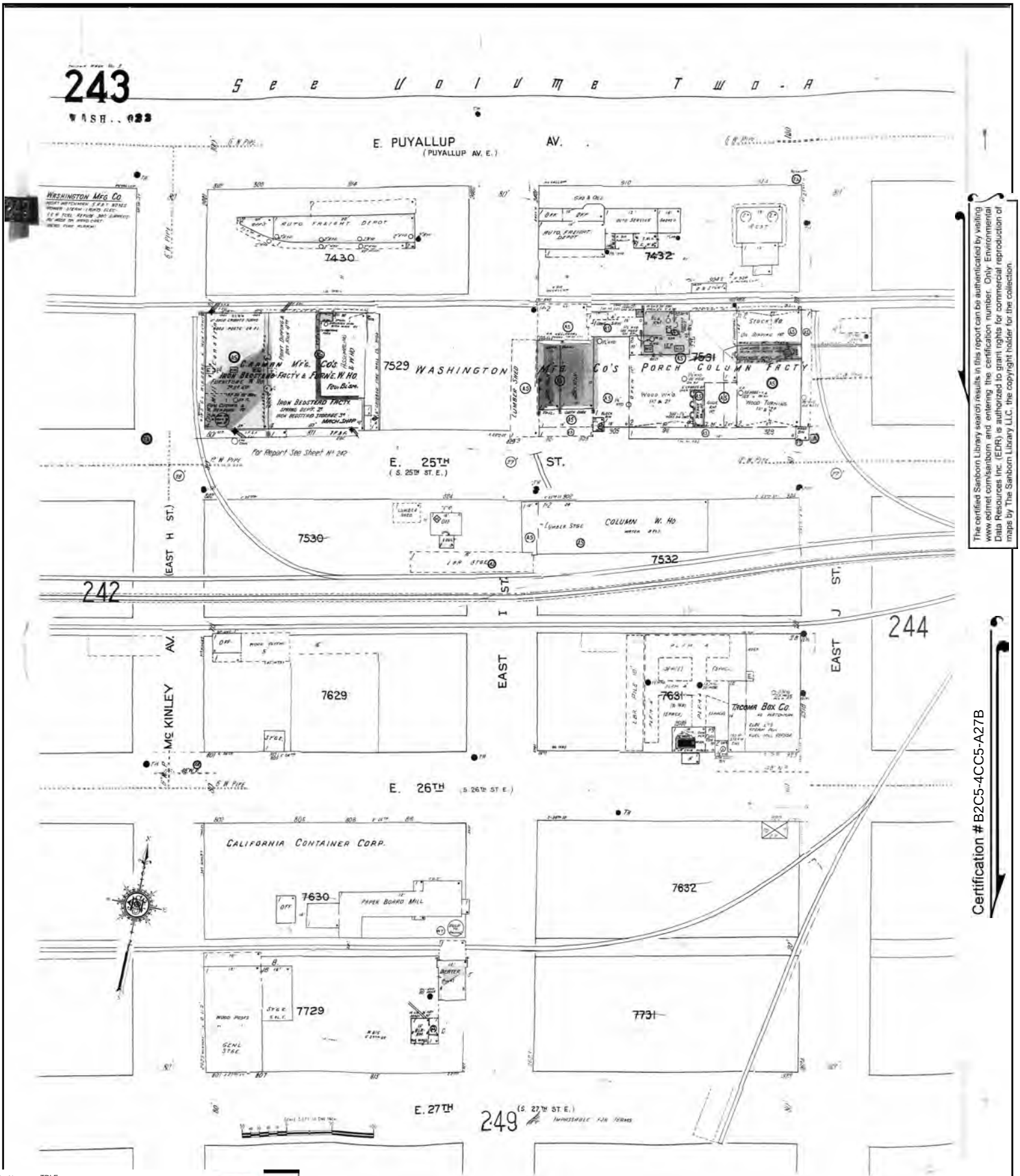

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

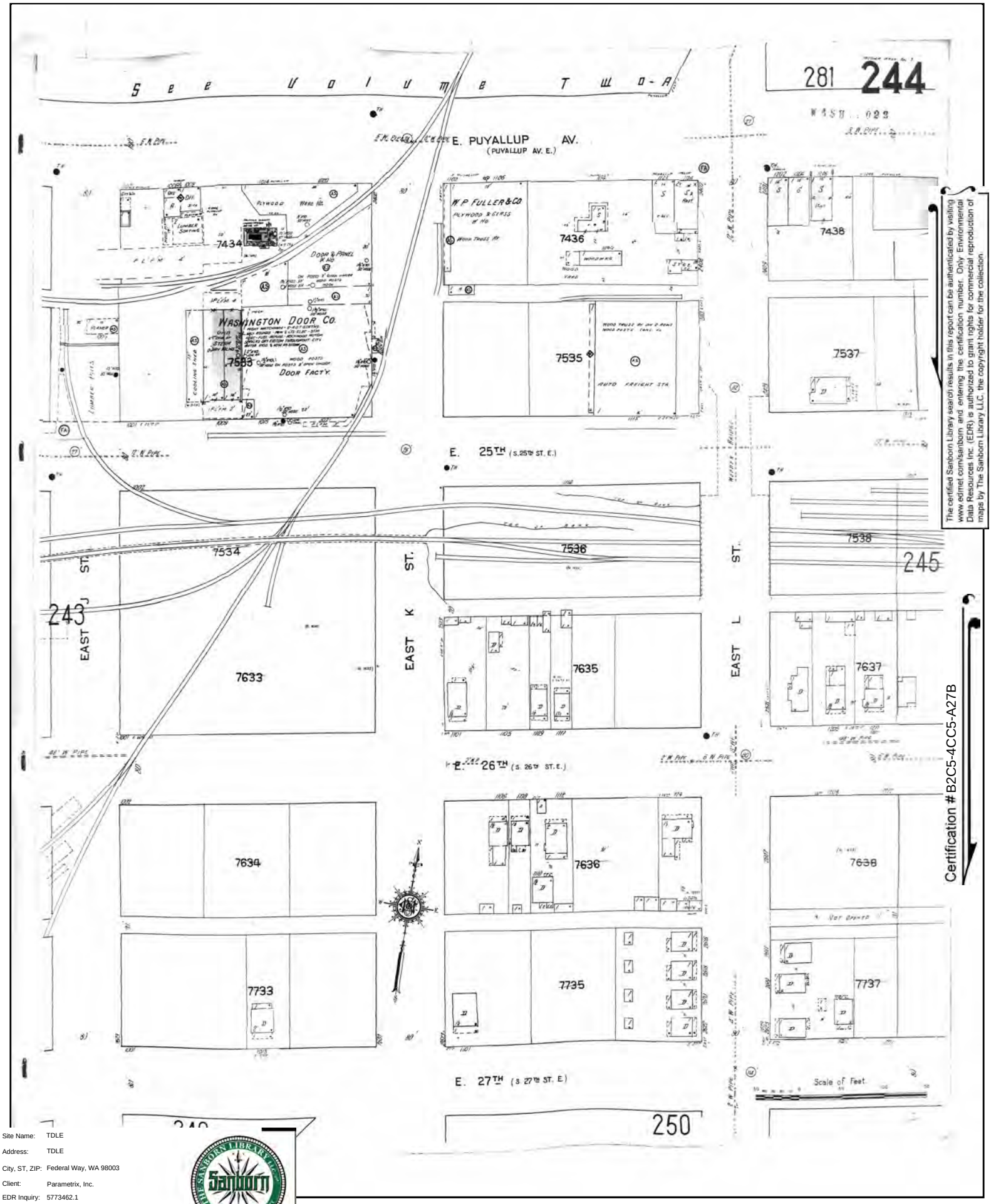

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

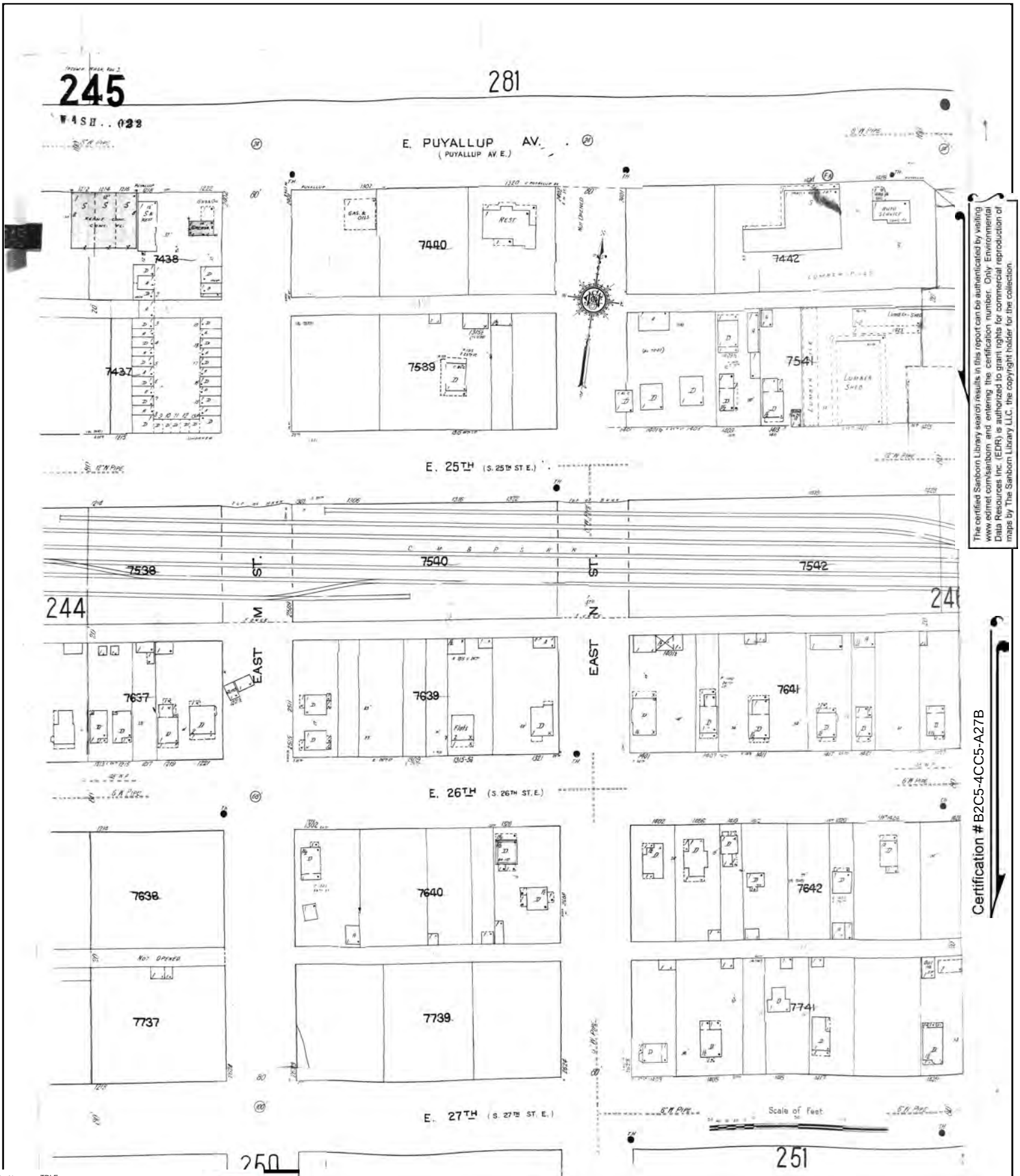

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

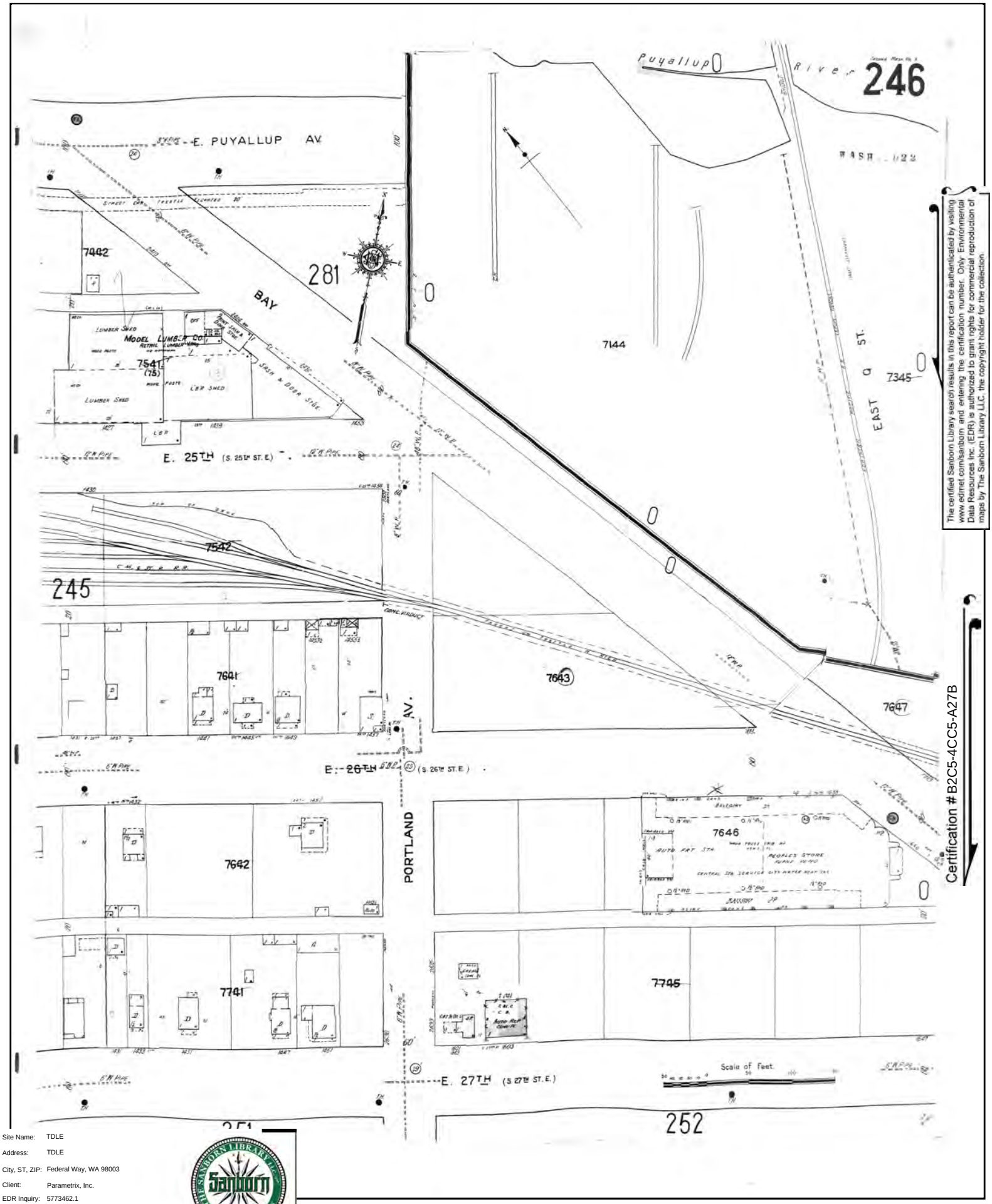

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1912

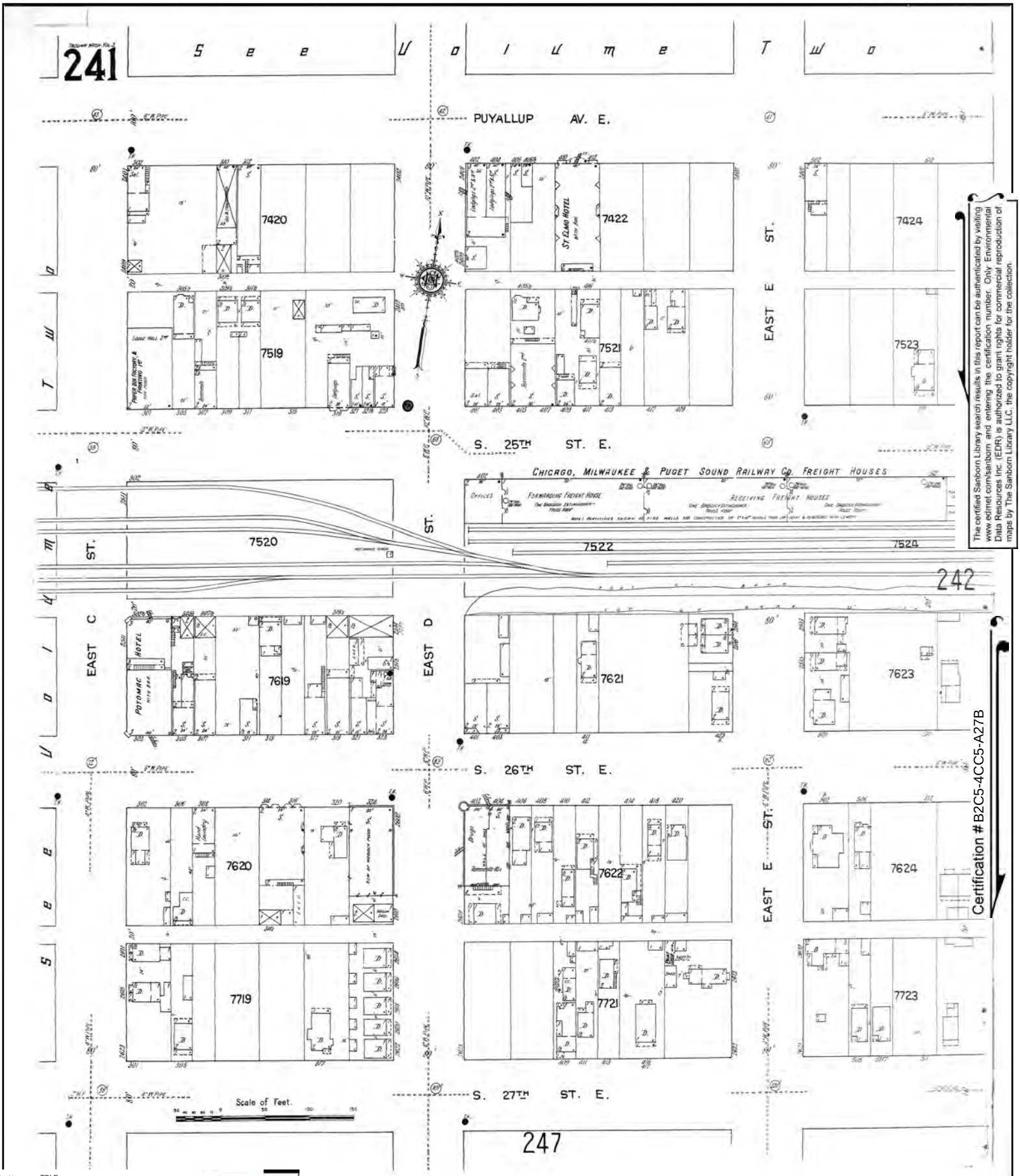

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

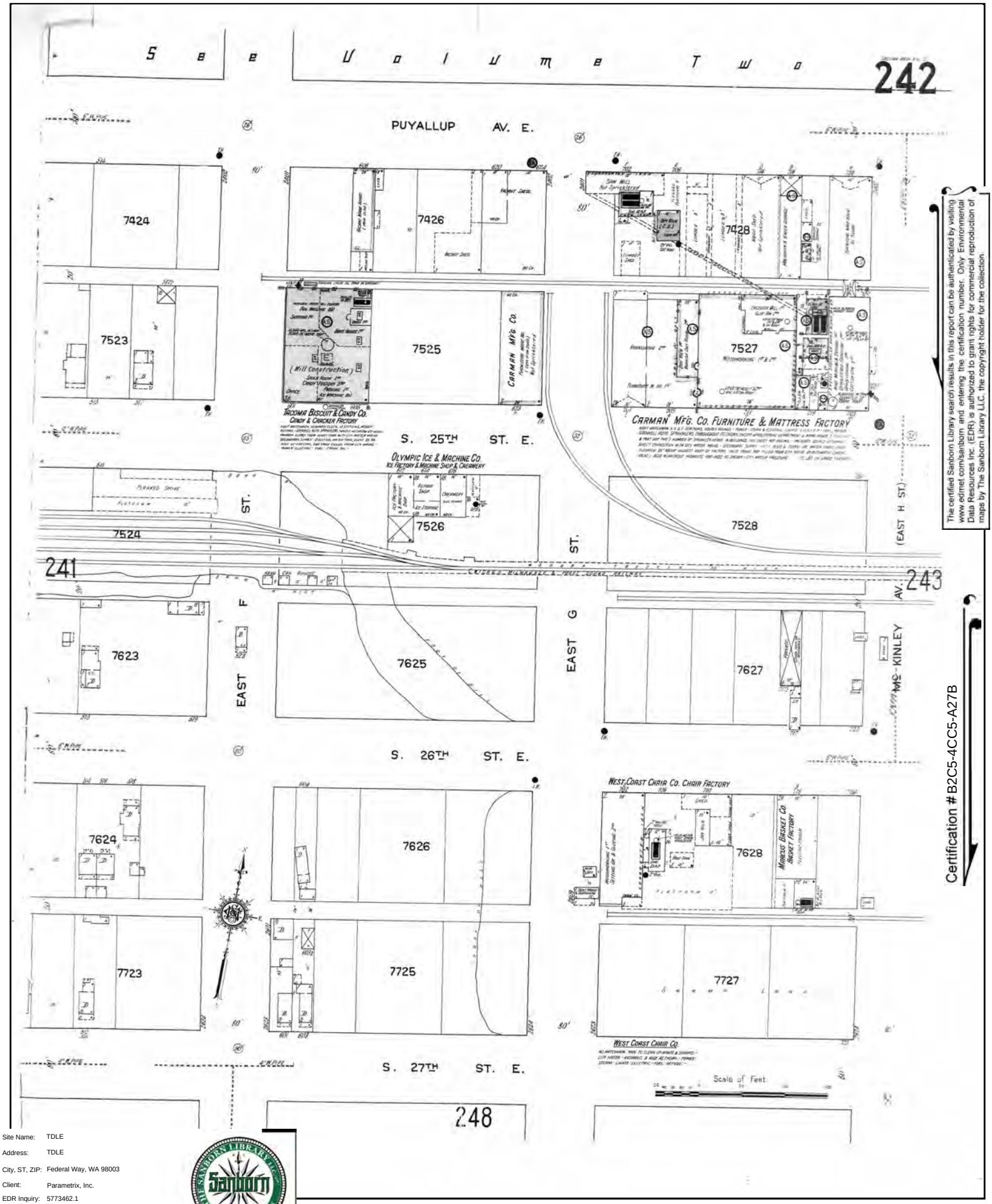

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

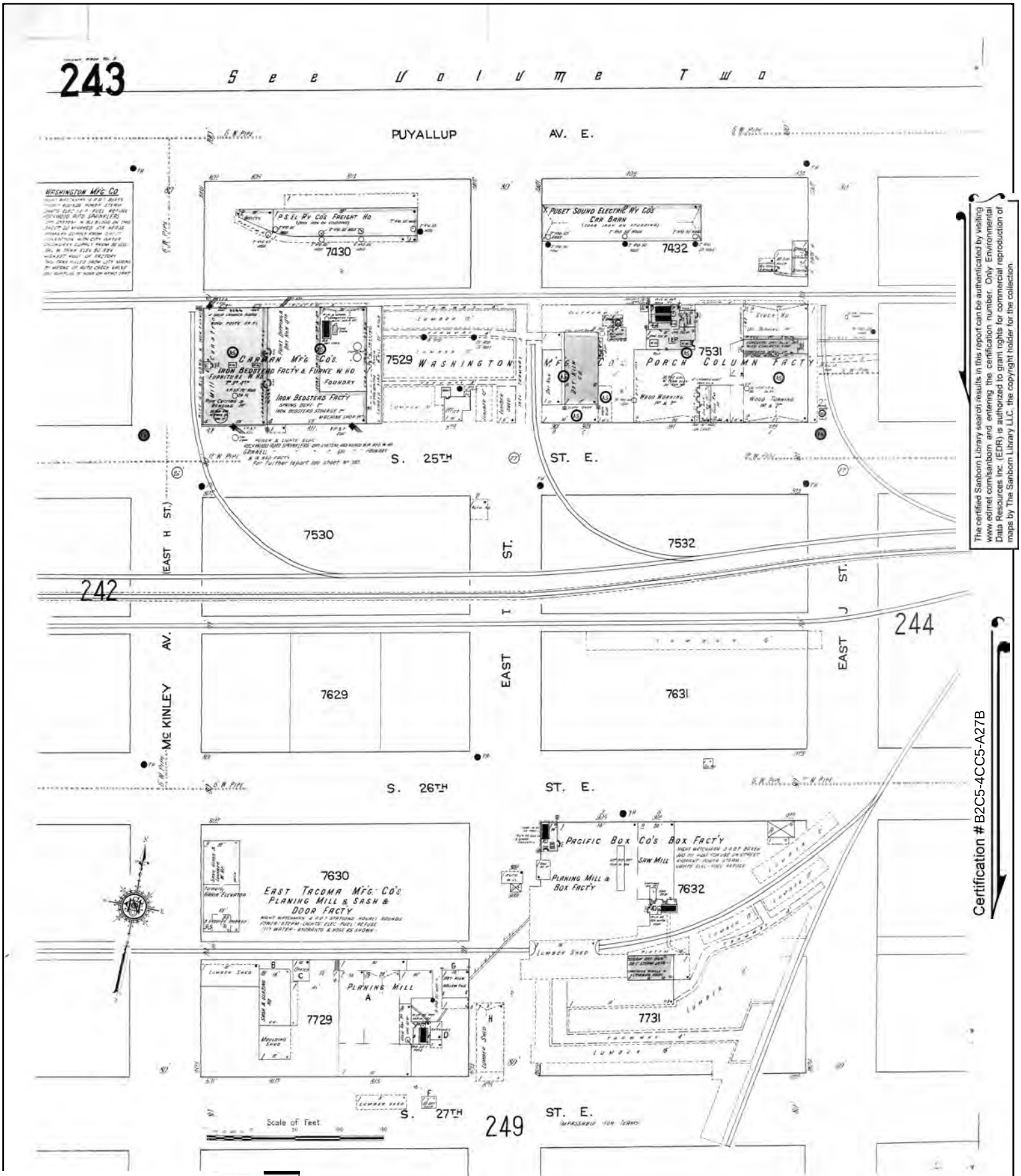

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

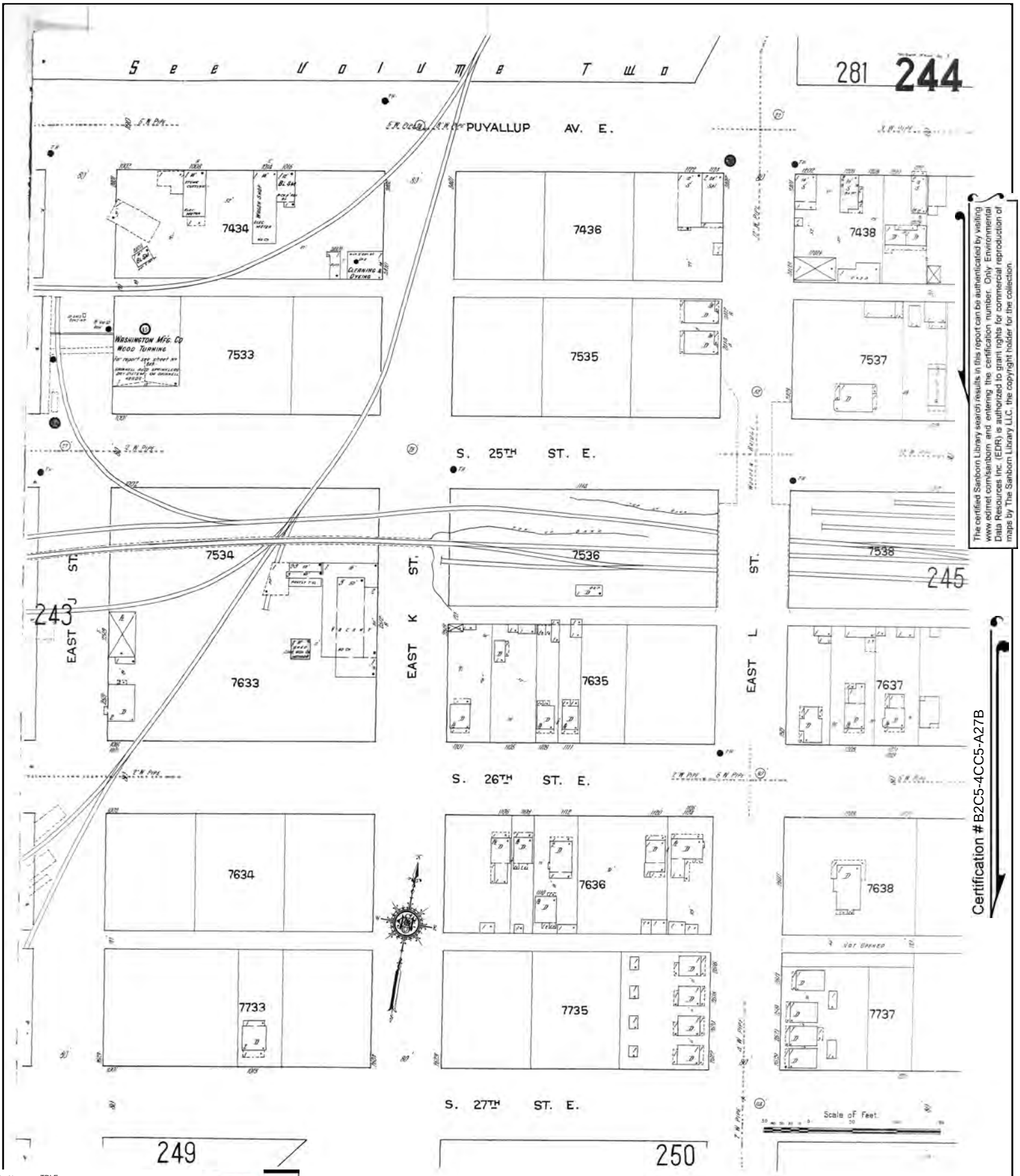

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

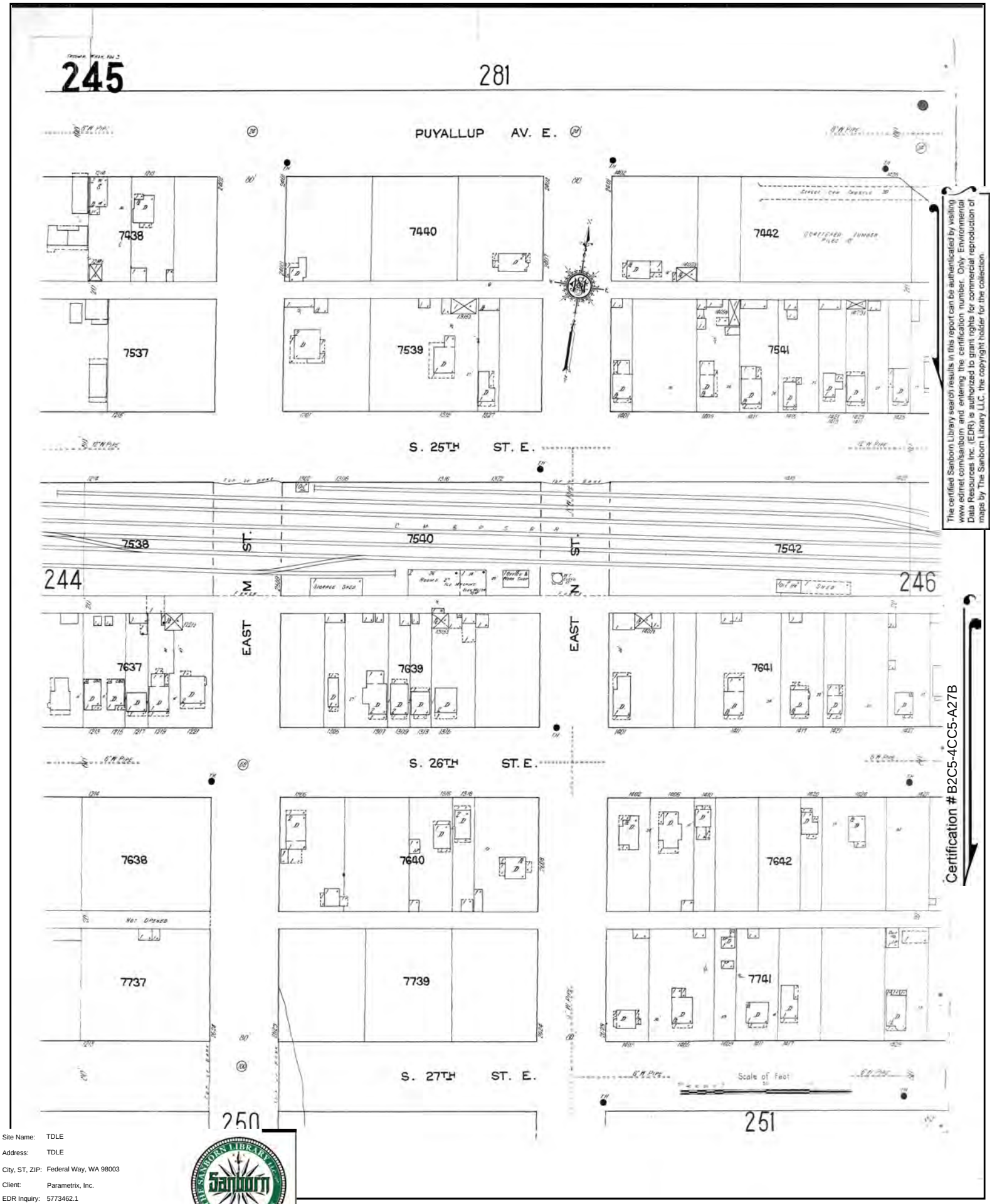

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

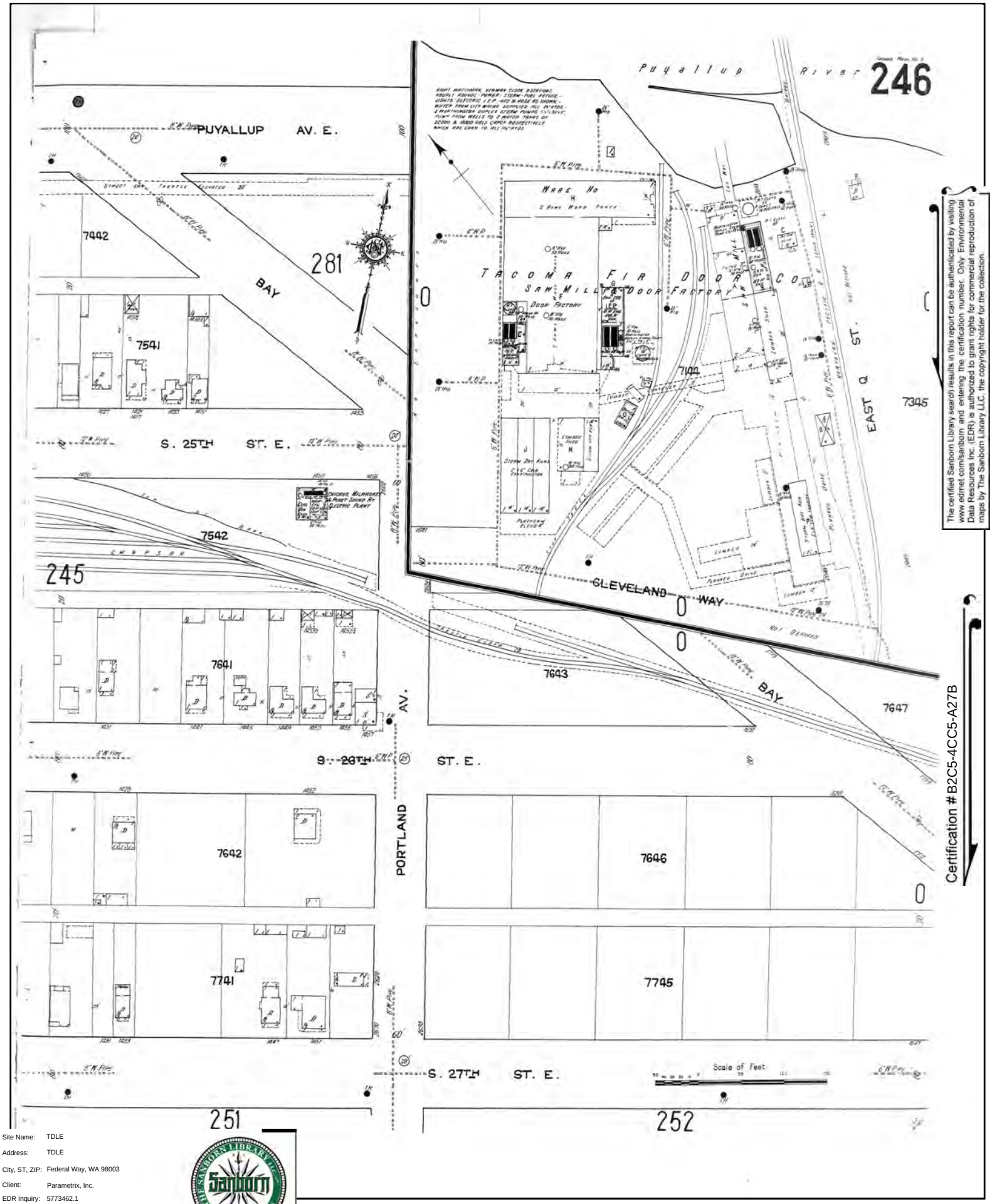

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Copyright	1912

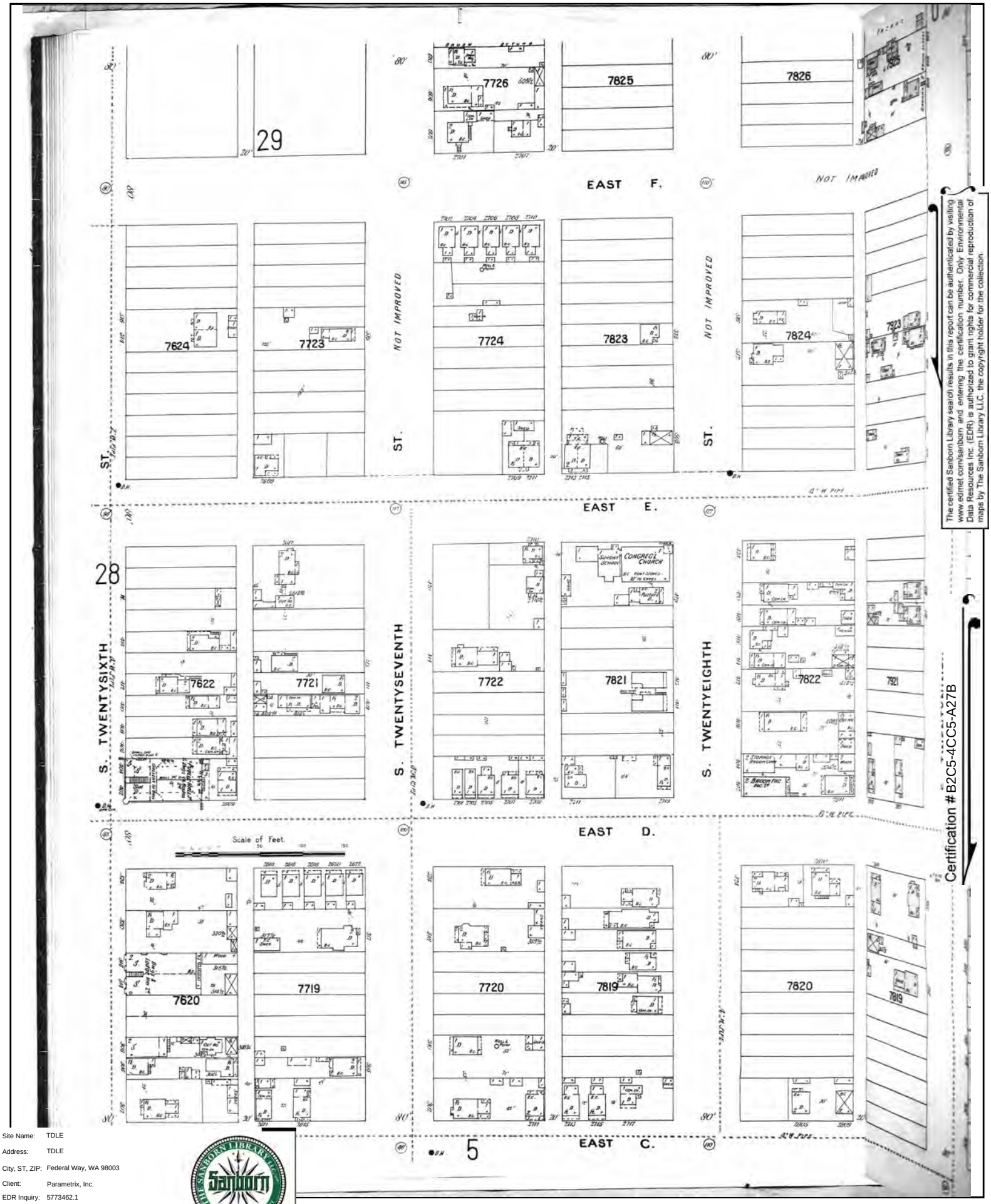

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

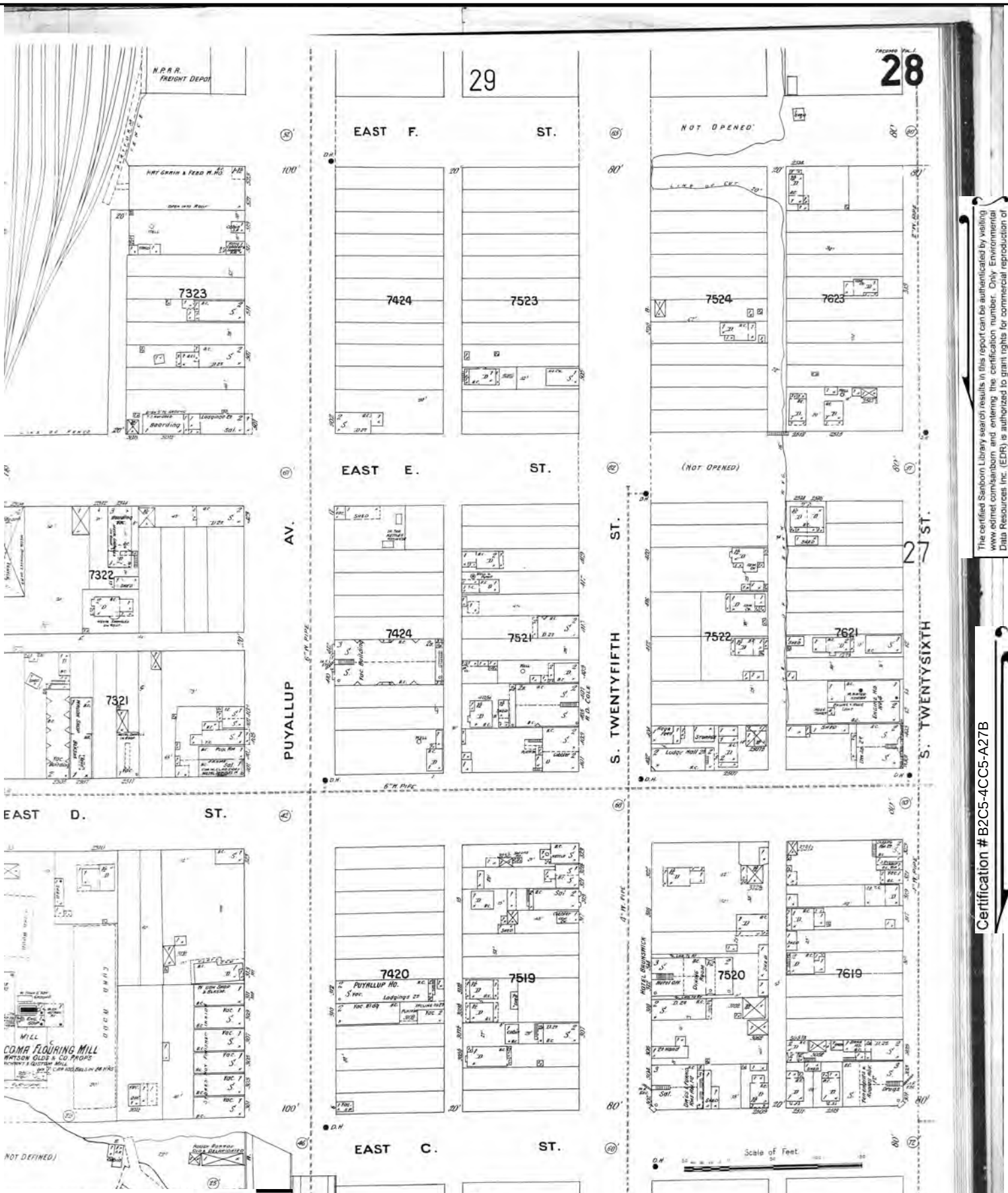

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Certification #	B2C5-4CC5-A27B
Copyright	1896

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Certification #	B2C5-4CC5-A27B
Copyright	1896

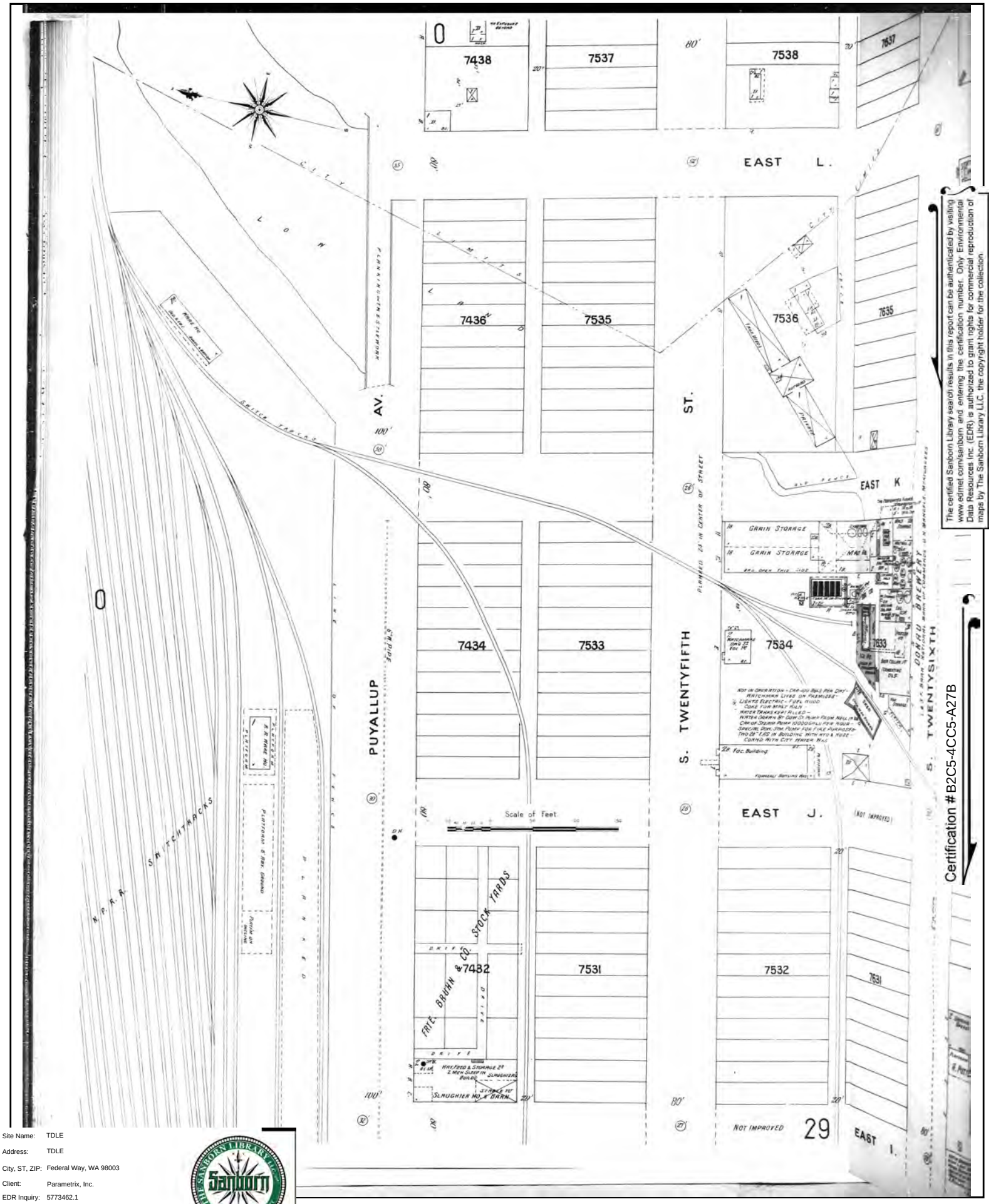

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Copyright	1896

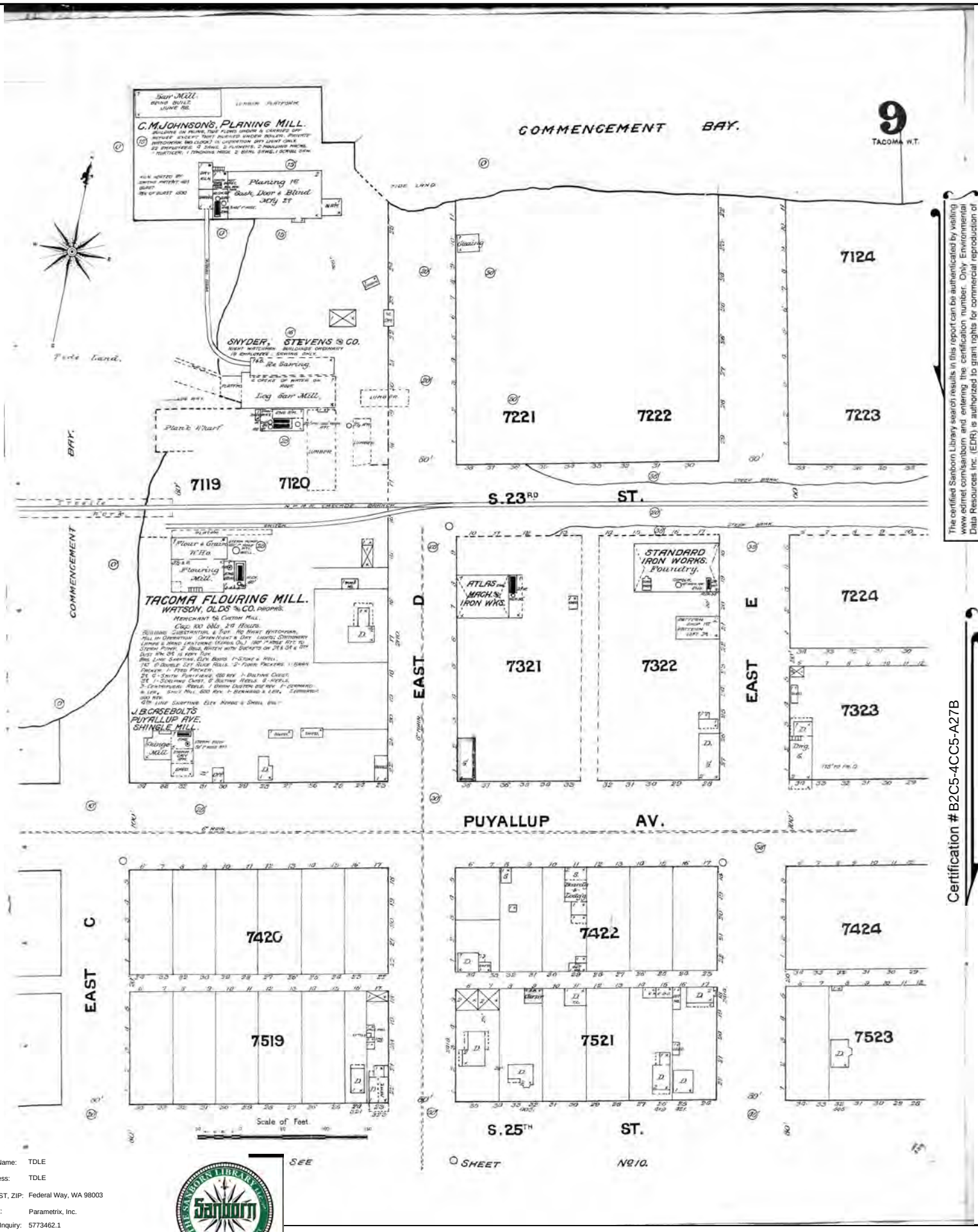

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Copyright	1888

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-1
1941 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-2
1943-1944 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-3
1957 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

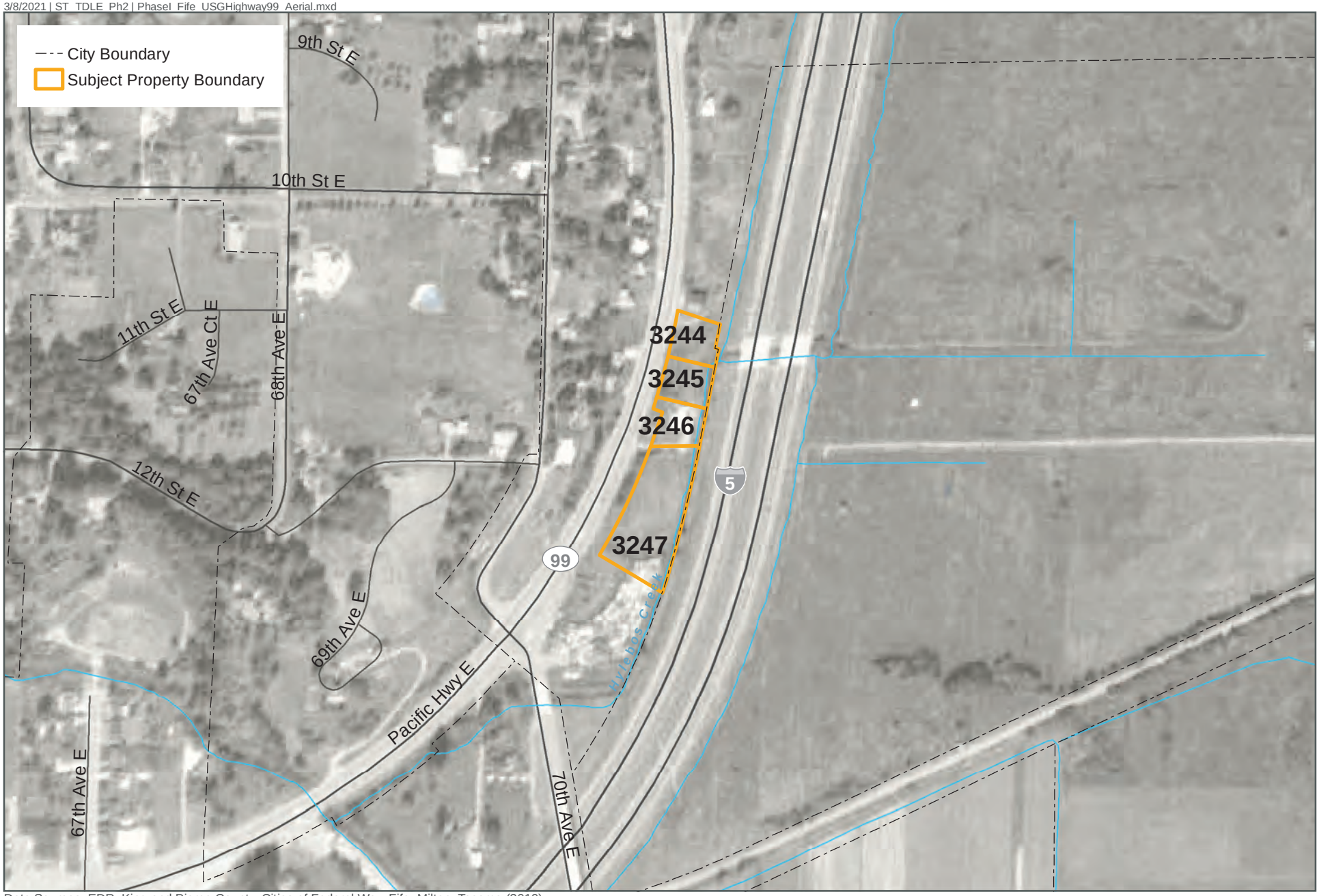

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-4
1968 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

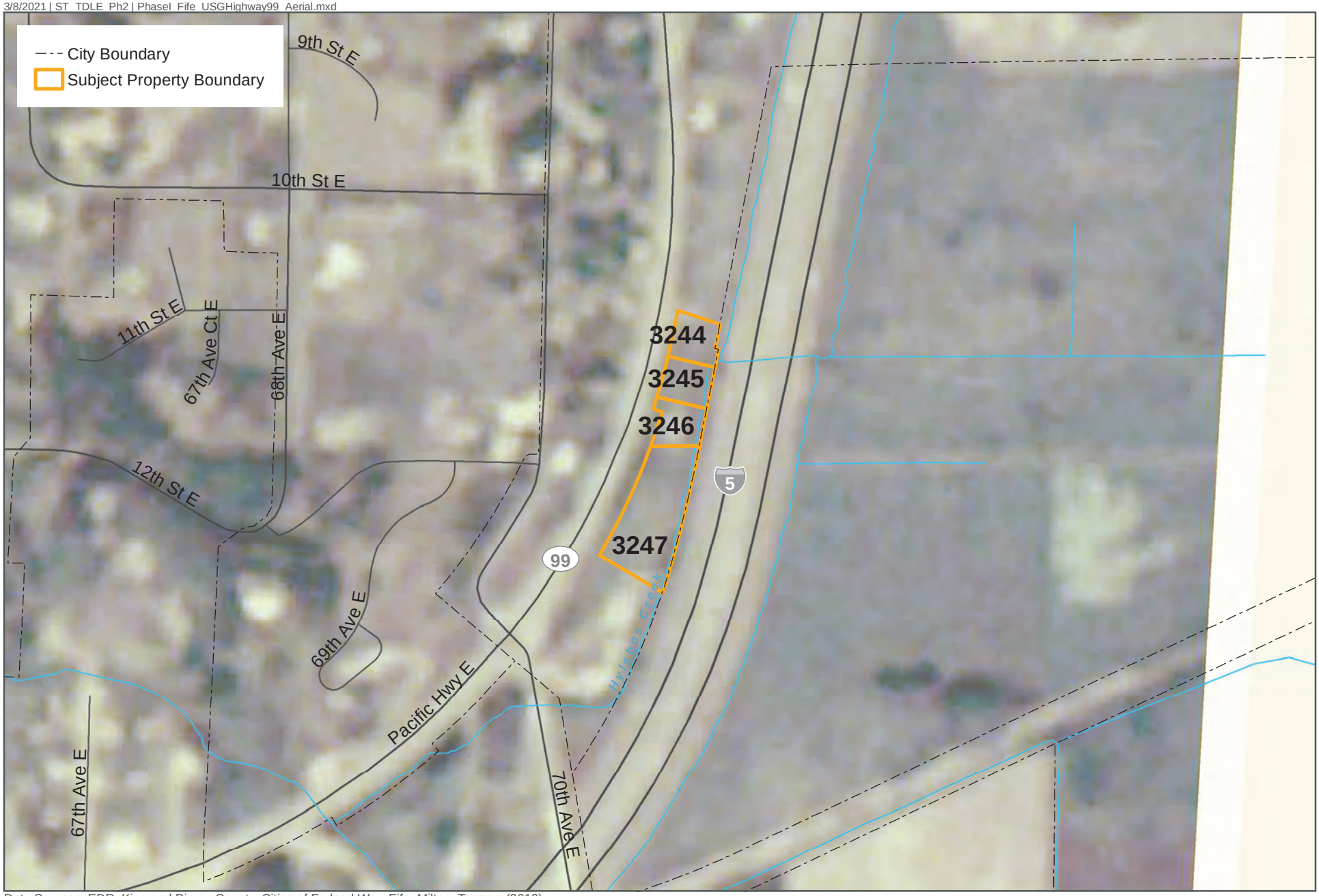

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-5
1972 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-6
1980 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

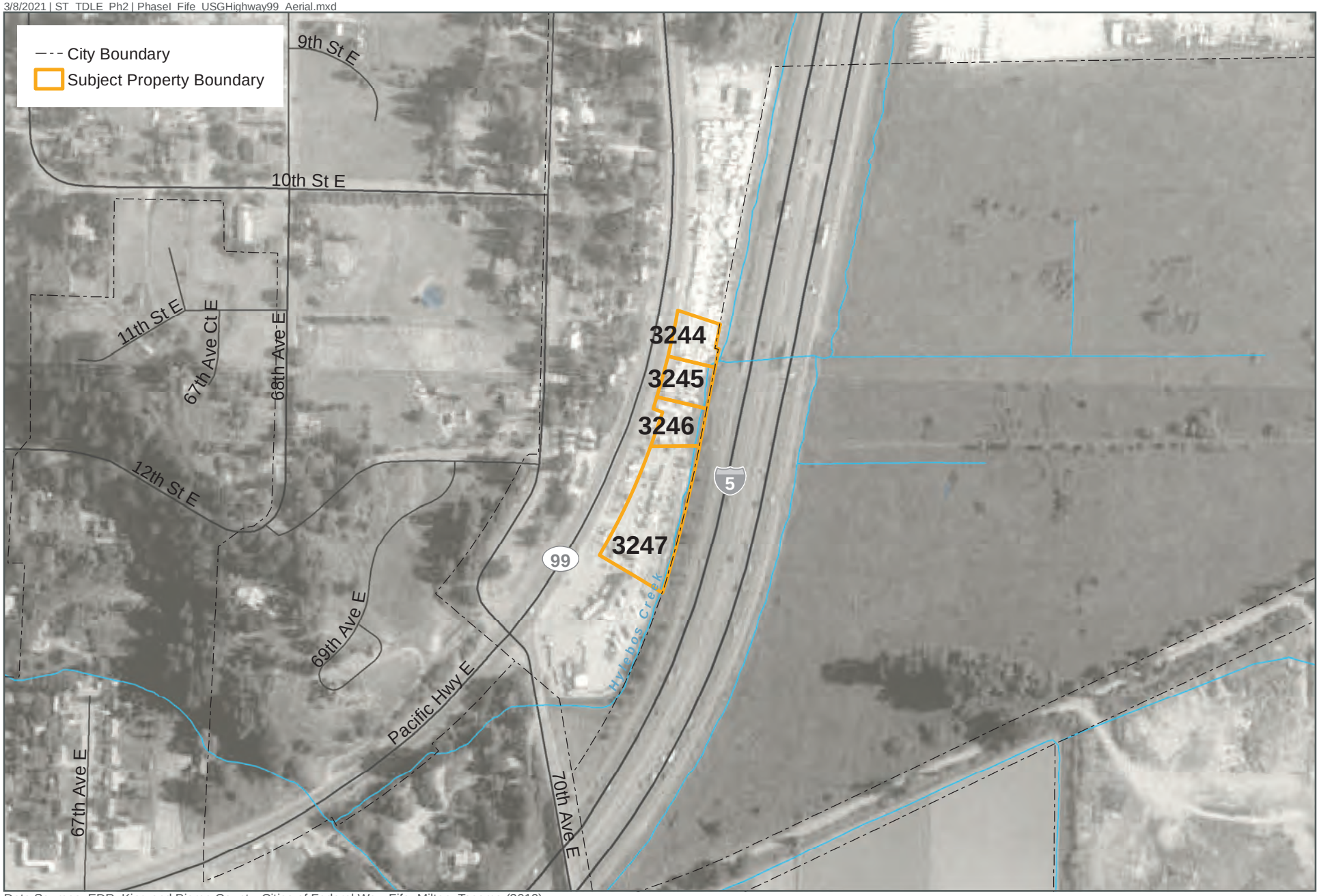

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-7
1990 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-8
2006 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-9
2009 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

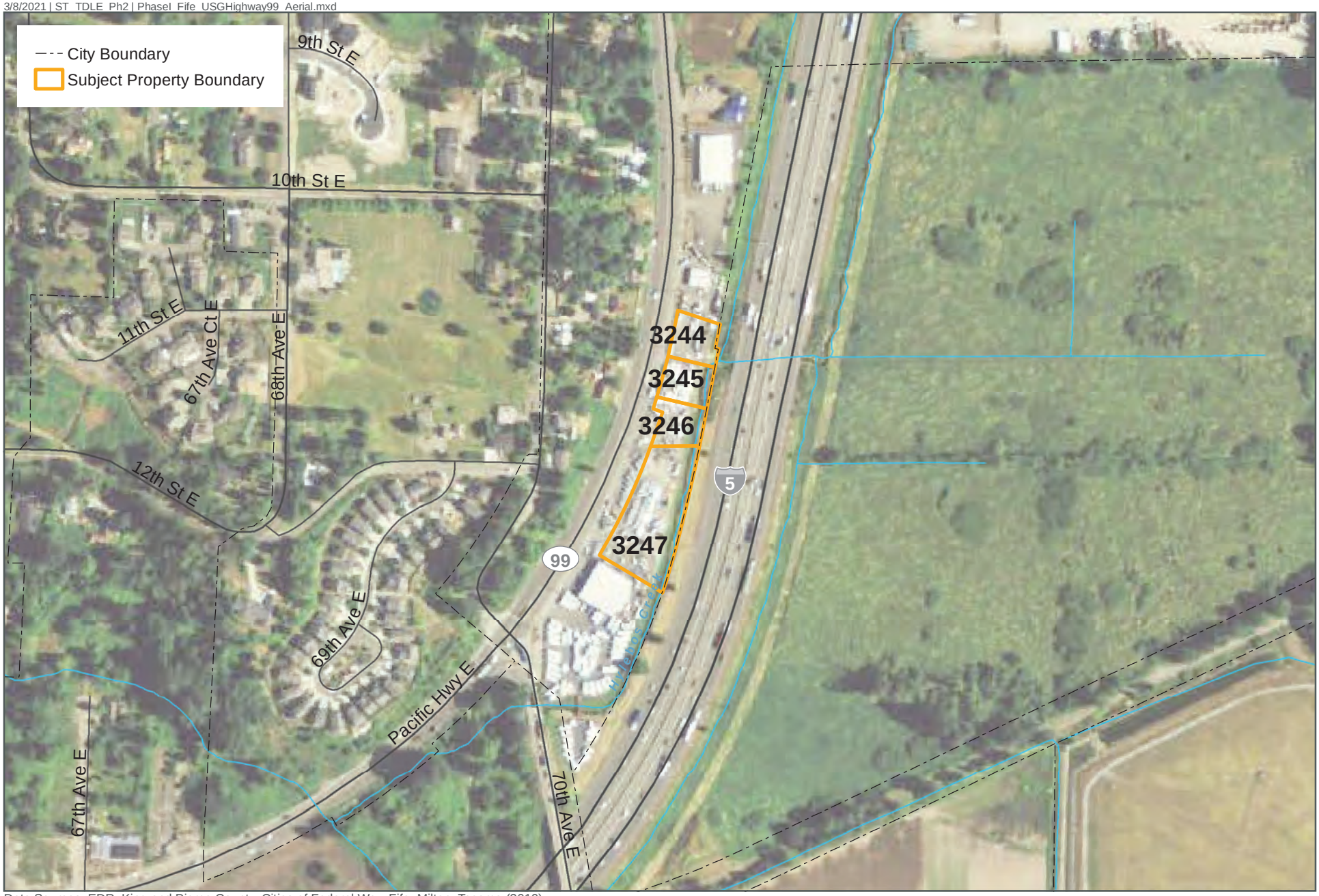

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-10
2013 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_USGHighway99_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-11
2017 Aerial Imagery
USG Highway 99
7110 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Appendix E

Site Photographs

Photo 1. Subject property, looking east.

Photo 2. Subject property, looking northeast.

Photo 3. Subject Property, southern portion looking southeast.

Photo 4. Subject property, looking south along Pacific Highway East.

Photo 5. RVs on the subject property, multiple 55-gallon drums on asphalt.

Photo 6. Trailers on the subject property, looking southeast.

Photo 7. Monitoring well, inside fence on subject property.

Photo 8. 55-gallon drum inside fence on subject property.

Appendix F

Supporting Documents

Cleanup Plans Available for Public Comment

Ecology Wants Your Comments!

The Washington State Department of Ecology (Ecology) invites you to comment on draft cleanup plans for the USG Highway 99 cleanup site. The site is at 7110 Pacific Highway East in Milton.

Ecology will accept comments from **July 9 through August 11, 2015** on these draft documents**:**

- **Agreed Order —** a legal agreement that requires USG Interiors, formerly US Gypsum, to clean up the site.
- **Remedial Investigation/Feasibility Study (RI/FS)** — describes the contamination and compares cleanup options.
- **Draft Cleanup Action Plan (CAP) —** outlines the recommended cleanup.
- **Updated Public Participation Plan** — describes the tools we will use to inform the public and gather feedback.
- **State Environmental Policy Act (SEPA) review —** describes the potential environmental impacts of the cleanup work.

The box to the right shows where to find site documents and how to submit comments.

Site Background

Before 1985, USG used the site to dispose of waste from their rock wool (see page 2) manufacturing plant in Tacoma. USG used slag, a waste from the Asarco copper smelter in Tacoma, as raw material for the rock wool. The slag contained arsenic—a toxic metal.

The waste USG buried at the site included 20,000 tons of "bag house dust" and "shot." Both wastes contained arsenic.

USG removed waste from the site between 1984—1986 and disposed of it in a licensed landfill. However, not all the waste was removed.

Additional soil and groundwater studies showed arsenic in soil, groundwater, and sediment that exceeds the state cleanup standard. Ecology and USG are now proposing a draft cleanup plan.

Comments Accepted

July 9—August 11, 2015

Submit Comments and Questions to:
Jason Landskron, Project Manager
WA Department of Ecology
P.O. Box 47775
Olympia, WA 98504-7775
Phone: (360) 407-6388
Jason.Landskron@ecy.wa.gov

Public Involvement Questions:
Diana Smith
Public Involvement Coordinator
Phone: (360) 407-6255
Diana.Smith@ecy.wa.gov

DOCUMENT REVIEW LOCATIONS

Milton/Edgewood Library
900 Meridian East, Suite 29
Milton, WA 98354
(253) 548-3325

Tacoma Main Library
1102 Tacoma Avenue South
Tacoma, WA 98402
(253) 292-2001

Citizens for a Healthy Bay
535 Dock Street, Suite 213
Tacoma, WA 98402
(253) 383-2429

WA Department of Ecology Southwest Regional Office
300 Desmond Drive SE
Lacey, WA 98503
By appointment only:
Contact Susie Baxter
PublicDisclosureSWRO@ecy.wa.gov
(360) 407-6365

Ecology's Toxics Cleanup Website
https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3618

Facility Site ID #: 84531356

Cleanup Site ID #: 3618

Areas of Contamination

Site studies found arsenic in:

- **Soil** — in a broad area called the core remediation area (see page 3). Arsenic reaches up to 16 feet below ground.
- A **soil "hot spot"** — a small area with the highest levels of arsenic, located on the west side of the core remediation area. Here, arsenic in soil is in contact with groundwater.
- **Groundwater** — mostly in the core remediation area, and also extending east of Hylebos Creek. A groundwater hot spot is next to the soil hotspot.

  Groundwater is water that collects, fills, and flows through open spaces between soil and sediment particles, and through cracks in rock.

  This contaminated groundwater is not a threat to the drinking water supply. Water for the area is supplied by deep wells.
- **Sediment** — samples collected on the bank of the Hylebos Creek had arsenic above cleanup levels for freshwater.

Why Cleanup Matters

The USG Highway 99 site is located on Hylebos Creek, which connects to Puget Sound through the Hylebos Waterway. Cleaning up the land around the creek is an important step in making this waterway safer and healthier for humans and wildlife.

What is Rock Wool?

Rock wool is an insulating and fire-proofing material. It is made by heating rock until it is molten and blowing or spinning it into fine fibers.

Arsenic is a toxic metal. It can occur naturally in the soil or come from industrial processes. Arsenic can be harmful to human health. For more information visit: www.atsdr.cdc.gov/toxfaqs/tf.asp?id=19&tid=3

Cleanup Plan

Under the draft cleanup plan, USG will:

- Study the soil hot spot to better define the area.
- Solidify or chemically stabilize the arsenic within the soil hot spot using a cement-based mixture. This may begin with a pilot test.
- Treat site groundwater (including hot spot) using in-situ chemical oxidation (see page 3). USG will use injection wells or trenches. They will do a pilot test.
- Replace part of existing pavement with permeable pavement. This allows precipitation, like rainwater, to infiltrate soil and groundwater. This will help oxidize groundwater and minimize arsenic movement.
- Monitor groundwater to ensure arsenic levels are naturally declining (called natural attenuation).
- Remove polluted sediment from Hylebos Creek. USG will restore the area with clean sand.
- Apply land use controls or groundwater use restrictions. The property owners will need to record an environmental covenant (EC) for their properties.

  An EC is a legal document that is attached to the property deed. It prohibits activities that may result in impacts to human health and the environment due to exposure to hazardous substances left at the site.
- Submit a monitoring plan that describes how they will monitor sediment, soil, and groundwater after cleanup to make sure cleanup levels are reached.

What Happens Next?

1. After the comment period ends, Ecology will respond to comments we received.
2. We will finalize the cleanup plans and sign the agreed order.
3. USG will do the cleanup work.

Site Map

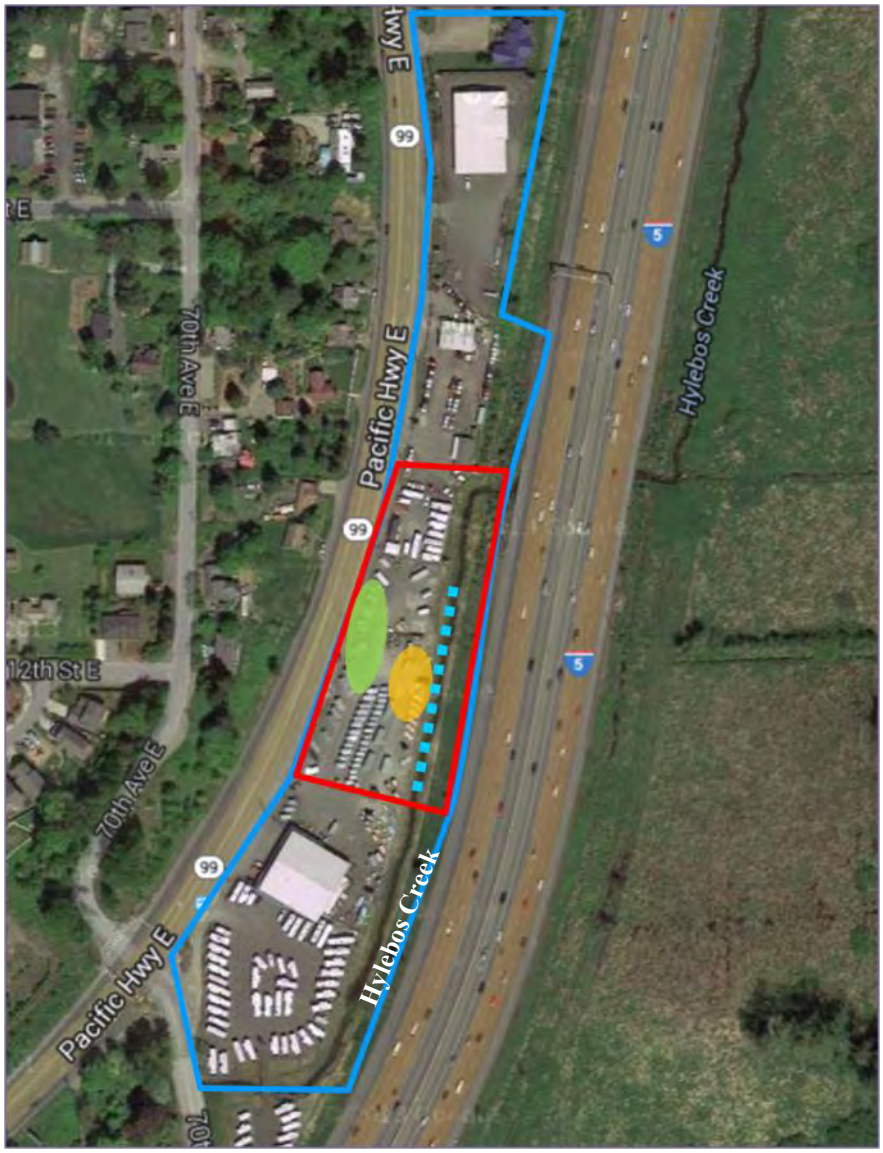

Approximate site boundary

Core Remediation Area

Soil hot spot

Groundwater hot spot

Impacted sediment

In-Situ Chemical Oxidation (ISCO)

The cleanup plan proposes treating groundwater with ISCO. This will help speed up the natural attenuation of arsenic. Natural attenuation relies on natural physical, chemical, or biological processes to lower contamination over time.

In ISCO, a chemical called an “oxidant” is injected into groundwater, usually through wells. Then a chemical reaction happens between naturally occurring iron, oxygen, and the arsenic. This changes the arsenic to a less mobile form. Oxidants that can be used include potassium, sodium persulfate, ozone, or hydrogen peroxide.

The benefit of ISCO is it’s “in-situ”, meaning it can be done in place without excavating soil or pumping and treating groundwater. For this site, it may also reduce the ability of arsenic in the soil hot spot to leach into groundwater.

DEPARTMENT OF
ECOLOGY
State of Washington
PO Box 47775
Olympia, WA 98504-7775

Please recycle.

USG Highway 99
Milton, WA

Ecology seeks public comment on proposed cleanup plans

Public Comment Period:
July 9 through August 11, 2015

Facility Site ID #: 84531356

¿Habla Español? Si necesita esta información en español, contáctenos a preguntas@ecy.wa.gov.

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at (360) 407-6300.

Persons with impaired hearing may call Washington Relay Service at 711. Persons with speech disability may call TTY at 877-833-6341.

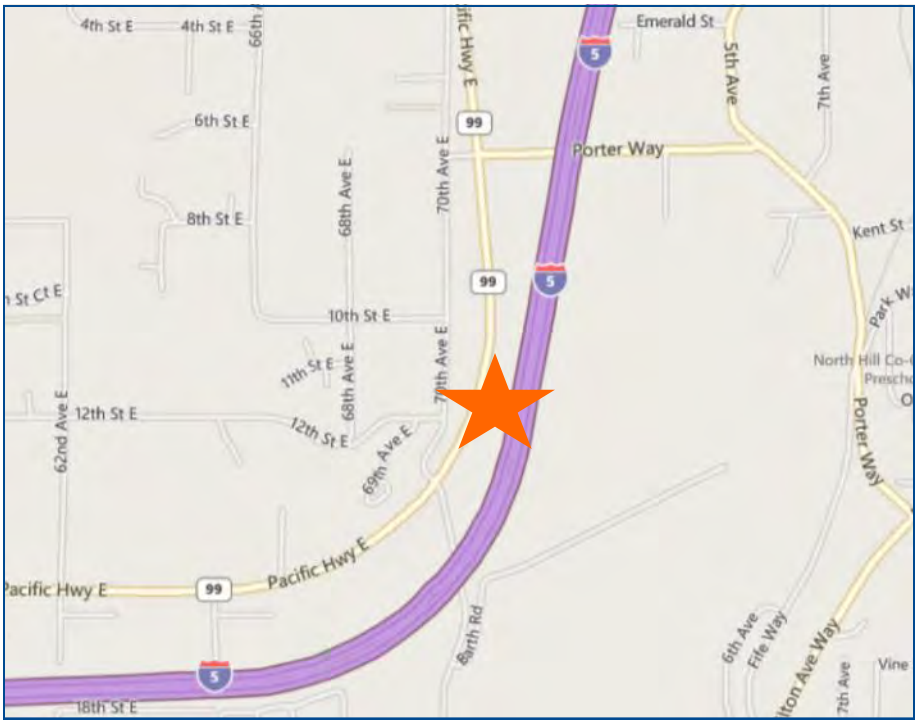

The USG Highway 99 cleanup site is located at 7110 Pacific Highway East in Milton.

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

In the Matter of Remedial Action by:	AGREED ORDER
USG Interiors, LLC (Highway 99 Site)	No. DE 11099

TO: Mr. Gregory D. Kinser
Director, Environmental
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

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EXHIBIT A Site Diagrams

I. INTRODUCTION

The mutual objective of the State of Washington, Department of Ecology (Ecology) and USG Interiors, LLC (USG) under this Agreed Order (Order) is to provide for remedial action at a facility where there has been a release or threatened release of hazardous substances. This Order requires USG to implement the cleanup action plan (CAP) developed under Agreed Order No. DE 6333, dated October 19, 2009. Ecology believes the actions required by this Order are in the public interest.

II. JURISDICTION

This Agreed Order is issued pursuant to the Model Toxics Control Act (MTCA), RCW 70.105D.050(1).

III. PARTIES BOUND

This Agreed Order shall apply to and be binding upon the Parties to this Order, their successors and assigns. The undersigned representative of each party hereby certifies that he or she is fully authorized to enter into this Order and to execute and legally bind such party to comply with this Order. USG agrees to undertake all actions required by the terms and conditions of this Order. No change in ownership or corporate status shall alter USG's responsibility under this Order. USG shall provide a copy of this Order to all agents, contractors, and subcontractors retained to perform work required by this Order, and shall ensure that all work undertaken by such agents, contractors, and subcontractors complies with this Order.

IV. DEFINITIONS

Unless otherwise specified herein, the definitions set forth in Chapter 70.105D RCW and Chapter 173-340 WAC shall control the meanings of the terms in this Order.

A. Site: The Site is referred to as USG Highway 99 Site (the Site) and is generally located at 7110 Pacific Highway East in Milton, Washington. The Site is defined by the extent of contamination caused by the release of hazardous substances at the Site. The Site is more particularly described in the Site Diagrams (Exhibit A). The Site constitutes a facility under RCW 70.105D.020(8).

B. Parties: Refers to the State of Washington, Department of Ecology and USG.

C. Potentially Liable Person (PLP): Refers to USG; Site Owner/Operators, Ms. Jennifer Walker and Mr. Donald Miniken Jr for Freeway Sales LLC d/b/a Kanopy Kingdom; Owner/Operator Mr. Michael Rendell for Freeway Trailer Sales; Owner/Operator Mr. Eric Thompson for East Fork Corporation d/b/a General Trailer Parts LLC; Owner/Operator Ms. Linda Plein for Batrob LLC.

D. Agreed Order or Order: Refers to this Order and each of the exhibits to this Order. All exhibits are integral and enforceable parts of this Order. The terms "Agreed Order" or "Order" shall include all exhibits to this Order.

V. FINDINGS OF FACT

Ecology makes the following findings of fact, without any express or implied admissions of such facts by USG:

A. Prior to 1985, USG (formerly US Gypsum Company) disposed of several waste products in pits dug at the Site. The waste products buried at the Site included 20,000 tons of "bag house dust" and "shot" from their Tacoma rock wool manufacturing plant. Both bag house dust and shot contain elevated levels of arsenic.

B. Ecology issued Order DE 84-506 on August 17, 1984, requiring USG to submit a post-cleanup monitoring plan. This plan, as approved by Ecology, included installation of two monitoring wells.

C. From October 1984 through January 1985, USG voluntarily excavated shot, bag house dust, and soil exceeding the site specific soil clean-up level from the Site, and disposed of this material at a hazardous waste landfill.

D. Soil clean-up levels specified in Order DE 84-506 were achieved.

E. Agreed Order DE 87-506, issued in 1987, provided for monthly groundwater monitoring to verify the effectiveness of the 1984/1985 clean-up action. Monthly groundwater sampling continued until April 2005.

F. In 2006 Ecology required USG to conduct a soil and groundwater assessment for arsenic in the vicinity of monitoring well 99-1.

G. On February 2, 2007, Ecology received a report from USG entitled "Soil and Groundwater Quality Assessment / Source Evaluation Report, USG – Fife Site, 7110 Pacific Highway East, Milton, Washington (the report)" dated January 31, 2007. This report provides the results of nine push-probe borings taken from the Site. The report indicated that of the nine soil borings sampled, eight exceeded the current 20 milligram per kilogram (mg/kg) MTCA Method A residential soil cleanup level for arsenic. The highest soil arsenic concentration discovered by this sampling was 1,400 mg/kg. Of the nine groundwater samples extracted by the push-probes, all nine exceeded the current 5 microgram per liter (ug/l) MTCA Method A groundwater cleanup level for arsenic. The highest groundwater arsenic concentration measured was 30,000 ug/l.

H. The Site is located directly adjacent to, and on the banks of, Hylebos Creek. Site groundwater is in direct hydrologic connection with the creek, and likely discharges directly to the creek. Therefore, the arsenic contained in the Site soils and groundwater, and likely also in the creek bank sediments, is likely being continuously released into the creek. The Site is located on the banks of the creek close to the point of the creek's discharge into the Hylebos Waterway of Puget Sound. The arsenic presents a threat or potential threat to the environment of Hylebos Creek and of Puget Sound.

I. Based on this report, Ecology issued to USG a letter on March 30, 2007 proposing that USG is a Potentially Liable Person (PLP) for the USG Highway 99 Site, as defined in MTCA.

J. On May 2, 2007, USG provided Ecology with a letter waiving its right to a 30-day public comment period, and accepting its status as a PLP.

K. On November 6, 2008, Ecology issued letters of PLP Determination to the current Owner/Operators of the Site: Ms. Jennifer Walker and Mr. Donald Miniken Jr. for Freeway Sales LLC d/b/a Kanopy Kingdom, located at 7110 Pacific Highway E, Milton, Washington 98354; and also to Mr. Michael Rendell for Freeway Trailer Sales, located at 7100 Pacific Highway E, Milton, Washington 98354 (See Exhibit A – Site Diagrams for parcel locations).

L. Under Agreed Order No. DE 6333, USG performed a remedial investigation/feasibility study and prepared a draft CAP. The selected remedy is documented in the draft CAP. Arsenic impacted soil and groundwater can be treated by solidification/chemical stabilization techniques for the soil and in-situ chemical oxidation (ISCO) for the groundwater. Monitored Natural Attenuation (MNA) will be used to ensure that arsenic concentrations decline over time and that geochemical conditions promote the stability of the iron-arsenic oxyhydroxide co-precipitates formed during ISCO treatment. Also as part of the CAP, the contaminated sediments in the Hylebos Creek will be excavated.

M. On March 27, 2015, Ecology issued a letter of PLP Determination to the current Owner/Operator of the Site: Ms. Linda Plein for Batrob LLC, located at 7220 Pacific Highway E, Milton, Washington 98354; and on March 30, 2015, Ecology issued a letter of PLP Determination to the current Owner/Operator of the Site: Mr. Eric Thompson for East Fork Corporation d/b/a General Trailer Parts LLC, located at 7200 Pacific Highway E, Milton, Washington 98354.

VI. ECOLOGY DETERMINATIONS

Ecology makes the following determinations, without any express or implied admissions of such determinations (and underlying facts) by USG.

A. USG is an "owner or operator" as defined in RCW 70.105D.020(22) of a "facility" as defined in RCW 70.105D.020(8) based on its prior ownership of the Site, and its disposal of waste at the Site.

B. Based upon all factors known to Ecology, a "release" or "threatened release" of "hazardous substance(s)" as defined in RCW 70.105D.020(32) and (13), respectively, has occurred at the Site.

C. Based upon credible evidence, Ecology issued a PLP status letter to USG dated March 30, 2007, pursuant to RCW 70.105D.040, .020(21), and WAC 173-340-500. By letter dated May 2, 2007, USG voluntarily waived its rights to notice and comment and accepted Ecology's determination that USG is a PLP under RCW 70.105D.040.

D. Pursuant to RCW 70.105D.030(1) and .050(1), Ecology may require PLPs to investigate or conduct other remedial actions with respect to any release or threatened release of hazardous substances, whenever it believes such action to be in the public interest. Based on the foregoing facts, Ecology believes the remedial actions required by this Order are in the public interest.

VII. WORK TO BE PERFORMED

Based on the Findings of Fact and Ecology Determinations, it is hereby ordered that USG take the following remedial actions at the Site and that these actions be conducted in accordance with Chapter 173-340 WAC unless otherwise specifically provided for herein:

A. The Scope of Work required by this Order consists of the following tasks and is to be consistent with the finalized Corrective Action Plan for the Site:

1. Prepare an Inadvertent and Unanticipated Discovery Plan in the event of a discovery of archeological resources during remedial activities at the site.
2. Conduct a subsurface investigation to further delineate the fill/soil hot spot.
3. Conduct a bench-scale study to select the optimal solidification/stabilization mix design to treat the fill/soil hot spot.
4. Conduct a bench-scale study to assess soil oxidant demand, select the most effective oxidant, and determine whether metered or batch delivery of the oxidant will work best to treat dissolved arsenic in groundwater.
5. Solidify the fill/soil hot spot by injecting a cement-based reagent and auger mixing.
6. Conduct a pilot test of the ISCO treatment of groundwater, including performance monitoring.
7. Treat the groundwater arsenic hot spot by ISCO. Chemical oxidant would be injected into several injection wells installed at the site around well 99-1.
8. Treat the arsenic groundwater plume in the core remediation area by ISCO. Chemical oxidant would be injected into the subsurface using injection trenches situated at the

hydraulically upgradient sides of the site using either batch or metering methods as determined by the bench-scale test.

9. Replace a portion of pavement in the core remediation area with permeable pavement to allow precipitation to infiltrate, promoting oxidizing groundwater conditions and minimizing arsenic mobility.
10. Monitor natural attenuation by collecting groundwater samples to ensure that arsenic concentrations decline over time and geochemical conditions promote the stability of the iron-arsenic oxyhydroxide co-precipitates throughout the arsenic plume.
11. Construct coffer dams at both ends of the planned sediment cleanup area in Hylebos Creek and then excavate impacted sediment for off-site disposal. Restore the creek channel using clean sand and remove the coffer dams.
12. Record environmental (restrictive) covenants with Pierce County for all affected properties. Each environmental covenant shall describe the contamination left at the site, including the contaminant(s) remaining, the specific location of remaining contamination, and the land use controls that will be in place to physically protect the integrity of the pavement cap and groundwater use restrictions.

Schedule for performance and/or deliverables.

Task	Schedule
Inadvertent and Unanticipated Discovery Plan	30 days from the effective date of Agreed Order
Draft Bench-Scale Testing Sampling and Analysis Plan	60 days from the effective date of Agreed Order
Begin Hot Spot Delineation Fieldwork	45 days after receiving Ecology approval of the Bench-Scale Testing Work Plan
Begin Bench-Scale Testing	60 days after receiving Ecology approval of the Bench-Scale Testing Work Plan
Draft Bench-Scale Testing Report	270 days after receiving Ecology approval of the Bench-Scale Testing Work Plan

Draft Engineering Design Report and Compliance Monitoring Plan	120 days after receiving Ecology approval for the Bench-Scale Testing Report
Draft Construction Plans and Specifications – Soil/Fill Hot-Spot Solidification	90 days after receiving Ecology approval of the Engineering Design Report and Compliance Monitoring Plan
Begin Contractor Procurement	30 days after receiving Ecology approval of Construction Plans and Specifications
Begin Cleanup Action - Soil/Fill Hot-Spot Solidification	180 days after receiving Ecology approval of Construction Plans and Specifications
Begin Pilot Test of *In Situ* Chemical Oxidation (ISCO) of Groundwater (includes 1 year of performance groundwater monitoring)	30 days after completion of Soil/Fill Hot-Spot Solidification fieldwork
Draft ISCO Pilot Test Report	420 days after commencement of ISCO Pilot Test
Draft Construction Plans and Specifications, Draft Operations and Maintenance Plan – Groundwater ISCO	90 days after receiving Ecology approval of ISCO Pilot Test Report
Begin Cleanup Action - Groundwater ISCO (includes hot-spot treatment, construction of ISCO trenches, operations and maintenance, and performance monitoring)	90 days after receiving Ecology approval of Construction Plans and Specification, and Operations and Maintenance Plan – Groundwater ISCO
Begin Permeable Pavement Construction	To be determined by results of Groundwater ISCO Performance Monitoring
Begin Cleanup Action - Hylebos Creek Sediment	To be determined by results of Groundwater ISCO Performance Monitoring, but no later than 720 days after beginning Groundwater ISCO Cleanup Action. Construction will depend on in-water work period.
Confirmational Groundwater Monitoring	To be determined by results of Groundwater ISCO Performance Monitoring

B. A sampling and analysis plan (SAP) will be prepared to implement a subsurface investigation to further delineate arsenic concentrations in fill and soil. The SAP will include a

bench-scale treatability and pilot study work plan to determine the optimal solidification/stabilization reagent mix design and select an oxidant to treat arsenic in groundwater. The draft SAP will be submitted to Ecology 60 days from the effective date of this Agreed Order. A final SAP will be submitted to Ecology 15 days after receipt of Ecology comments on the draft SAP.

C. An Engineering Design Report (EDR), construction plans and specifications and a Compliance Monitoring Plan will be prepared to implement and monitor the CAP. The draft EDR will be submitted to Ecology 120 days after receiving Ecology approval of the Bench-Scale Testing Report. A final EDR will be submitted to Ecology 30 days after receipt of Ecology comments on the draft EDR.

VIII. TERMS AND CONDITIONS

A. Remedial Action Costs

USG shall pay to Ecology costs incurred by Ecology pursuant to this Order and consistent with WAC 173-340-550(2) subject to the Resolution and Disputes section of this Order. These costs shall include work performed by Ecology or its contractors for, or on, the Site under Chapter 70.105D RCW, including remedial actions and Order preparation, negotiation, oversight, and administration. These costs shall include work performed both prior to and subsequent to the issuance of this Order. Ecology's costs shall include costs of direct activities and support costs of direct activities as defined in WAC 173-340-550(2). Ecology has accumulated $427.32 in remedial action costs related to this Site as of March 31, 2015. Payment for this amount shall be submitted within thirty (30) days of the effective date of this Order. For all costs incurred subsequent to March 31, 2015, USG shall pay the required amount within thirty (30) days of receiving from Ecology an itemized statement of costs that includes a summary of costs incurred, an identification of involved staff, and the amount of time spent by involved staff members on the project. A general statement of work performed will be provided upon request. Itemized statements shall be prepared quarterly. Pursuant to WAC 173-340-550(4), failure to pay Ecology's

costs within ninety (90) days of receipt of the itemized statement of costs will result in interest charges at the rate of twelve percent (12%) per annum, compounded monthly.

In addition to other available relief, pursuant to RCW 19.16.500, Ecology may utilize a collection agency and/or, pursuant to RCW 70.105D.055, file a lien against real property subject to the remedial actions to recover unreimbursed remedial action costs.

B. Implementation of Remedial Action

If Ecology determines that USG has failed without good cause to implement the remedial action, in whole or in part, Ecology may, after notice to USG, perform any or all portions of the remedial action that remain incomplete. If Ecology performs all or portions of the remedial action because of USG's failure to comply with its obligations under this Order, USG shall reimburse Ecology for the costs of doing such work in accordance with Section VIII.A (Remedial Action Costs), provided that USG is not obligated under this section to reimburse Ecology for costs incurred for work inconsistent with or beyond the scope of this Order.

Except where necessary to abate an emergency situation, USG shall not perform any remedial actions at the Site outside those remedial actions required by this Order, unless Ecology concurs, in writing, with such additional remedial actions.

C. Designated Project Coordinators

The project coordinator for Ecology is:

Jason Landskron, P.E., Cleanup Project Manager
Washington State Dept. of Ecology
Southwest Regional Office
300 Desmond Drive
Lacey, WA 98503
Telephone: 360-407-6388

The project coordinator for USG is:

Mr. Gregory D. Kinser
Director, Environmental
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661-3676
Telephone: 312-436-4134

Each project coordinator shall be responsible for overseeing the implementation of this Order. Ecology's project coordinator will be Ecology's designated representative for the Site. To the maximum extent possible, communications between Ecology and USG, and all documents, including reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Order shall be directed through the project coordinators. The project coordinators may designate, in writing, working level staff contacts for all or portions of the implementation of the work to be performed required by this Order.

Any party may change its respective project coordinator. Written notification shall be given to the other party at least ten (10) calendar days prior to the change.

D. Performance

All geologic and hydrogeologic work performed pursuant to this Order shall be under the supervision and direction of a geologist or hydrogeologist licensed by the State of Washington or under the direct supervision of an engineer registered by the State of Washington, except as otherwise provided for by Chapters 18.220 and 18.43 RCW.

All engineering work performed pursuant to this Order shall be under the direct supervision of a professional engineer registered by the State of Washington, except as otherwise provided for by RCW 18.43.130.

All construction work performed pursuant to this Order shall be under the direct supervision of a professional engineer or a qualified technician under the direct supervision of a professional engineer. The professional engineer must be registered by the State of Washington, except as otherwise provided for by RCW 18.43.130.

Any documents submitted containing geologic, hydrologic, or engineering work shall be under the seal of an appropriately licensed professional as required by Chapters 18.220 and 18.43 RCW.

USG shall notify Ecology in writing of the identity of any engineer(s) and geologist(s), contractor(s) and subcontractor(s), and others to be used in carrying out the terms of this Order, in advance of their involvement at the Site.

E. Access

Ecology or any Ecology authorized representative shall have access to enter and freely move about all property at the Site that USG has access rights to at all reasonable times for the purposes of, *inter alia*: inspecting records, operation logs, and contracts related to the work being performed pursuant to this Order; reviewing USG's progress in carrying out the terms of this Order; conducting such tests or collecting such samples as Ecology may deem necessary; using a camera, sound recording, or other documentary type equipment to record work done pursuant to this Order; and verifying the data submitted to Ecology by USG. USG shall make all reasonable efforts to secure access rights for those properties within the Site not owned or controlled by USG where remedial activities or investigations will be performed pursuant to this Order. Ecology or any Ecology authorized representative shall give reasonable notice before entering any Site property where USG has access unless an emergency prevents such notice. All persons who access the Site pursuant to this section shall comply with any applicable health and safety plan(s). Ecology employees and their representatives shall not be required to sign any liability release or waiver as a condition of Site property access.

F. Sampling, Data Submittal, and Availability

With respect to the implementation of this Order, USG shall make the results of all sampling, laboratory reports, and/or test results generated by it or on its behalf available to Ecology. Pursuant to WAC 173-340-840(5), all sampling data shall be submitted to Ecology in both printed and electronic formats in accordance with Section VII (Work to be Performed), Ecology's Toxics Cleanup Program Policy 840 (Data Submittal Requirements), and/or any subsequent procedures specified by Ecology for data submittal.

If requested by Ecology, USG shall allow Ecology and/or its authorized representative to take split or duplicate samples of any samples collected by USG pursuant to implementation of

this Order. USG shall notify Ecology seven (7) days in advance of any sample collection or work activity at the Site. Ecology shall, upon request, allow USG and/or its authorized representative to take split or duplicate samples of any samples collected by Ecology pursuant to the implementation of this Order, provided that doing so does not interfere with Ecology's sampling. Without limitation on Ecology's rights under Section VIII.E (Access), Ecology shall notify USG prior to any sample collection activity unless an emergency prevents such notice.

In accordance with WAC 173-340-830(2)(a), all hazardous substance analyses shall be conducted by a laboratory accredited under Chapter 173-50 WAC for the specific analyses to be conducted, unless otherwise approved by Ecology.

G. Public Participation

A Public Participation Plan is required for this Site. Ecology shall review any existing Public Participation Plan to determine its continued appropriateness and whether it requires amendment, or if no plan exists, Ecology shall develop a Public Participation Plan alone or in conjunction with USG.

Ecology shall maintain the responsibility for public participation at the Site. However, USG shall cooperate with Ecology, and shall:

1. If agreed to by Ecology, develop appropriate mailing lists and prepare drafts of public notices and fact sheets at important stages of the remedial action, such as the submission of work plans, remedial investigation/feasibility study reports, cleanup action plans, and engineering design reports. As appropriate, Ecology will edit, finalize, and distribute such fact sheets and prepare and distribute public notices of Ecology's presentations and meetings.

2. Notify Ecology's project coordinator prior to the preparation of all press releases and fact sheets, and before major meetings with the interested public and local governments. Likewise, Ecology shall notify USG prior to the issuance of all press releases and fact sheets, and before major meetings with the interested public and local governments. For all press releases, fact sheets, meetings, and other outreach efforts by

USG that do not receive prior Ecology approval, USG shall clearly indicate to its audience that the press release, fact sheet, meeting, or other outreach effort was not sponsored or endorsed by Ecology.

3. When requested by Ecology, participate in public presentations on the progress of the remedial action at the Site. Participation may be through attendance at public meetings to assist in answering questions or as a presenter.

4. When requested by Ecology, arrange and/or continue information repositories to be located at the following locations:

a. Pierce County Library
1000 Laurel Street
Milton, WA98354
(253) 922-2870

b. Tacoma Main Library
1102 Tacoma Ave. South
Tacoma, WA 98402
(253) 591-5666

c. Citizens for a Healthy Bay
917 Pacific Ave., Suite 100
Tacoma, WA 98402
(253) 383-2429

d. WA State Department of Ecology
Southwest Regional Office
Toxics Cleanup Program
300 Desmond Drive
Lacey, WA 98503
(360) 407-6365

At a minimum, copies of all public notices, fact sheets, and documents relating to public comment periods shall be promptly placed in these repositories. A copy of all documents related to this Site shall be maintained in the repository at Ecology's Southwest Regional Office in Lacey, Washington.

H. Retention of Records

During the pendency of this Order, and for ten (10) years from the date of completion of work performed pursuant to this Order, USG shall preserve all records, reports, documents, and underlying data in its possession relevant to the implementation of this Order and shall insert a similar record retention requirement into all contracts with project contractors and subcontractors. Upon request of Ecology, USG shall make all records available to Ecology and allow access for review within a reasonable time.

Nothing in this Order is intended to waive any right USG may have under applicable law to limit disclosure of documents protected by the attorney work-product privilege and/or the attorney-client privilege. If USG withholds any requested records based on an assertion of privilege, USG shall provide Ecology with a privilege log specifying the records withheld and the applicable privilege. No Site-related data collected pursuant to this Order shall be considered privileged.

I. Resolution of Disputes

1. In the event that USG elects to invoke dispute resolution USG must utilize the procedure set forth below. Failure to timely abide by Ecology's directive or invoke dispute resolution may result in Ecology's determination that insufficient progress is being made in preparation of a deliverable and completion of the deliverable by Ecology under Section VII.E (Work to be Performed) or Enforcement under Section X (Enforcement).

   a. Upon the triggering event (receipt of Ecology's project coordinator's written decision or an itemized billing statement), USG has fourteen (14) calendar days within which to notify Ecology's project coordinator in writing of its dispute ("Informal Dispute Notice").

b. The Parties' project coordinators shall then confer in an effort to resolve the dispute informally. The parties shall informally confer for up to fourteen (14) calendar days from receipt of the Informal Dispute Notice. If the project coordinators cannot resolve the dispute within those 14 calendar days, then within seven (7) calendar days Ecology's project coordinator shall issue a written decision ("Informal Dispute Decision") stating: the nature of the dispute; USG's position with regards to the dispute; Ecology's position with regards to the dispute; and the extent of resolution reached by informal discussion.

c. USG may then request regional management review of the dispute. This request ("Formal Dispute Notice") must be submitted in writing to the Southwest Region Toxics Cleanup Section Manager within seven (7) calendar days of receipt of Ecology's Informal Dispute Decision. The Formal Dispute Notice shall include a written statement of dispute setting forth: the nature of the dispute; the disputing Party's position with respect to the dispute; and the information relied upon to support its position.

d. The Section Manager shall conduct a review of the dispute and shall endeavor to issue a written decision regarding the dispute ("Decision on Dispute") within thirty (30) calendar days of receipt of the Formal Dispute Notice. The Decision on Dispute shall be Ecology's final decision on the disputed matter.

2. The Parties agree to only utilize the dispute resolution process in good faith and agree to expedite, to the extent possible, the dispute resolution process whenever it is used.

3. Implementation of these dispute resolution procedures shall not provide a basis for delay of any activities required in this Order, unless Ecology agrees in writing to a schedule extension.

J. Extension of Schedule

1. An extension of schedule shall be granted only when a request for an extension is submitted in a timely fashion, generally at least thirty (30) days prior to expiration of the deadline for which the extension is requested, and good cause exists for granting the extension. All extensions shall be requested in writing. The request shall specify:

a. The deadline that is sought to be extended;

b. The length of the extension sought;

c. The reason(s) for the extension; and

d. Any related deadline or schedule that would be affected if the extension were granted.

2. The burden shall be on USG to demonstrate to the satisfaction of Ecology that the request for such extension has been submitted in a timely fashion and that good cause exists for granting the extension. Good cause may include, but may not be limited to:

a. Circumstances beyond the reasonable control and despite the due diligence of USG including delays caused by unrelated third parties or Ecology, such as (but not limited to) delays by Ecology in reviewing, approving, or modifying documents submitted by USG;

b. Acts of God, including fire, flood, blizzard, extreme temperatures, storm, or other unavoidable casualty; or

c. Endangerment as described in Section VIII.L (Endangerment).

However, neither increased costs of performance of the terms of this Order nor changed economic circumstances shall be considered circumstances beyond the reasonable control of USG.

3. Ecology shall act upon any written request for extension in a timely fashion. Ecology shall give USG written notification of any extensions granted pursuant to this Order. A

requested extension shall not be effective until approved by Ecology. Unless the extension is a substantial change, it shall not be necessary to amend this Order pursuant to Section VIII.K (Amendment of Order) when a schedule extension is granted.

4. An extension shall only be granted for such period of time as Ecology determines is reasonable under the circumstances. Ecology may grant schedule extensions exceeding ninety (90) days only as a result of:

a. Delays in the issuance of a necessary permit which was applied for in a timely manner;

b. Other circumstances deemed exceptional or extraordinary by Ecology; or

c. Endangerment as described in Section VIII.L (Endangerment).

K. Amendment of Order

The project coordinators may verbally agree to minor changes to the work to be performed without formally amending this Order. Minor changes will be documented in writing by Ecology within seven (7) days of verbal agreement.

Except as provided in Section VIII.M (Reservation of Rights), substantial changes to the work to be performed shall require formal amendment of this Order. This Order may only be formally amended by the written consent of both Ecology and USG. USG shall submit a written request for amendment to Ecology for approval. Ecology shall indicate its approval or disapproval in writing and in a timely manner after the written request for amendment is received. If the amendment to this Order represents a substantial change, Ecology will provide public notice and opportunity to comment. Reasons for the disapproval of a proposed amendment to this Order shall be stated in writing. If Ecology does not agree to a proposed amendment, the disagreement may be addressed through the dispute resolution procedures described in Section VIII.I (Resolution of Disputes).

L. Endangerment

In the event Ecology determines that any activity being performed at the Site under this Order is creating or has the potential to create a danger to human health or the environment on or

surrounding the Site, Ecology may direct USG to cease such activities for such period of time as it deems necessary to abate the danger. USG shall immediately comply with such direction.

In the event USG determines that any activity being performed at the Site under this Order is creating or has the potential to create a danger to human health or the environment, USG may cease such activities. USG shall notify Ecology's project coordinator as soon as possible, but no later than twenty-four (24) hours after making such determination or ceasing such activities. Upon Ecology's direction, USG shall provide Ecology with documentation of the basis for the determination or cessation of such activities. If Ecology disagrees with USG's cessation of activities, it may direct USG to resume such activities.

If Ecology concurs with or orders a work stoppage pursuant to this section, USG's obligations with respect to the ceased activities shall be suspended until Ecology determines the danger is abated, and the time for performance of such activities, as well as the time for any other work dependent upon such activities, shall be extended in accordance with Section VIII.J (Extension of Schedule) for such period of time as Ecology determines is reasonable under the circumstances.

Nothing in this Order shall limit the authority of Ecology, its employees, agents, or contractors to take or require appropriate action in the event of an emergency.

M. Reservation of Rights

This Order is not a settlement under Chapter 70.105D RCW. Ecology's signature on this Order in no way constitutes a covenant not to sue or a compromise of any of Ecology's rights or authority. Ecology will not, however, bring an action against USG to recover remedial action costs paid to and received by Ecology under this Order. In addition, Ecology will not take additional enforcement actions against USG regarding remedial actions required by this Order, provided USG complies with this Order.

Ecology nevertheless reserves its rights under Chapter 70.105D RCW, including the right to require additional or different remedial actions at the Site should it deem such actions necessary to protect human health and the environment, and to issue orders requiring such remedial actions.

Ecology also reserves all rights regarding the injury to, destruction of, or loss of natural resources resulting from the release or threatened release of hazardous substances at the Site.

By entering into this Order, USG does not admit to any liability for the Site. Although USG is committing to conducting the work required by this Order under the terms of this Order, USG expressly reserves all rights available under law, including but not limited to the right to seek cost recovery or contribution against third parties, and the right to assert any defenses to liability in the event of enforcement.

N. Transfer of Interest in Property

No voluntary conveyance or relinquishment of title, easement, leasehold, or other interest in any portion of the Site shall be consummated by USG without provision for continued implementation of all requirements of this Order and implementation of any remedial actions found to be necessary as a result of this Order.

Prior to USG's transfer of any interest in all or any portion of the Site, and during the effective period of this Order, USG shall provide a copy of this Order to any prospective purchaser, lessee, transferee, assignee, or other successor in said interest; and, at least thirty (30) days prior to any transfer, USG shall notify Ecology of said transfer. Upon transfer of any interest, USG shall notify all transferees of the restrictions on the activities and uses of the property under this Order and incorporate any such use restrictions into the transfer documents.

O. Compliance with Applicable Laws

1. All actions carried out by USG pursuant to this Order shall be done in accordance with all applicable federal, state, and local requirements, including requirements to obtain necessary permits, except as provided in RCW 70.105D.090. At this time, no federal, state, or local requirements have been identified as being applicable to the actions required by this Order;

2. Pursuant to RCW 70.105D.090(1), USG is exempt from the procedural requirements of Chapters 70.94, 70.95, 70.105, 77.55, 90.48, and 90.58 RCW and of any laws requiring or authorizing local government permits or approvals. However, USG shall comply with

the substantive requirements of such permits or approvals. At this time, no state or local permits or approvals have been identified as being applicable but procedurally exempt under this section.

USG has a continuing obligation to determine whether additional permits or approvals addressed in RCW 70.105D.090(1) would otherwise be required for the remedial action under this Order. In the event either Ecology or USG determines that additional permits or approvals addressed in RCW 70.105D.090(1) would otherwise be required for the remedial action under this Order, it shall promptly notify the other party of its determination. Ecology shall determine whether Ecology or USG shall be responsible to contact the appropriate state and/or local agencies. If Ecology so requires, USG shall promptly consult with the appropriate state and/or local agencies and provide Ecology with written documentation from those agencies of the substantive requirements those agencies believe are applicable to the remedial action. Ecology shall make the final determination on the additional substantive requirements that must be met by USG and on how USG must meet those requirements. Ecology shall inform USG in writing of these requirements. Once established by Ecology, the additional requirements shall be enforceable requirements of this Order. USG shall not begin or continue the remedial action potentially subject to the additional requirements until Ecology makes its final determination.

3. Pursuant to RCW 70.105D.090(2), in the event Ecology determines that the exemption from complying with the procedural requirements of the laws referenced in RCW 70.105D.090(1) would result in the loss of approval from a federal agency that is necessary for the state to administer any federal law, the exemption shall not apply and USG shall comply with both the procedural and substantive requirements of the laws referenced in RCW 70.105D.090(1), including any requirements to obtain permits.

P. Land Use Restrictions

In consultation with USG and the relevant current Owner/Operator for the Site, Ecology will prepare the Environmental (Restrictive) Covenant consistent with WAC 173-340-440 and RCW 64.70. After approval by Ecology, the current Owner/Operator shall record the Environmental (Restrictive) Covenant with the office of the Pierce County Auditor within ten (10)

days of completion of field activities identified in this CAP. The Environmental (Restrictive) Covenants shall restrict future activities and uses of the Site as agreed to by Ecology, USG, and the current Owner/Operator for the Site. The current Owner/Operator shall provide Ecology with the original recorded Environmental (Restrictive) Covenant within thirty (30) days of the recording date.

Q. Financial Assurances

Pursuant to WAC 173-340-440(11), USG shall maintain sufficient and adequate financial assurance mechanisms to cover all costs associated with the operation and maintenance of the remedial action at the Site, including institutional controls, compliance monitoring, and corrective measures.

Within sixty (60) days of the effective date of this Order, USG shall submit to Ecology for review and approval an estimate of the costs that it will incur in carrying out the terms of this Order, including operation and maintenance, and compliance monitoring. Within sixty (60) days after Ecology approves the aforementioned cost estimate, USG shall provide proof of financial assurances sufficient to cover all such costs in a form acceptable to Ecology.

USG shall adjust the financial assurance coverage and provide Ecology's project coordinator with documentation of the updated financial assurance for:

1. Inflation, annually, within thirty (30) days of the anniversary date of the entry of this Order; or if applicable, the modified anniversary date established in accordance with this section, or if applicable, ninety (90) days after the close of USG's fiscal year if the financial test or corporate guarantee is used.

2. Changes in cost estimates, within thirty (30) days of issuance of Ecology's approval of a modification or revision to the cleanup action plan (CAP) that result in increases to the cost or expected duration of remedial actions. Any adjustments for inflation since the most recent preceding anniversary date shall be made concurrent with adjustments for changes in cost estimates. The issuance of Ecology's approval of a revised or modified CAP will revise the

anniversary date established under this section to become the date of issuance of such revised or modified CAP.

R. Periodic Review

As remedial action, including groundwater monitoring, continues at the Site, the Parties agree to review the progress of remedial action at the Site, and to review the data accumulated as a result of monitoring the Site as often as is necessary and appropriate under the circumstances. At least every five (5) years after the initiation of cleanup action at the Site the Parties shall meet to discuss the status of the Site and the need, if any, for further remedial action at the Site. At least ninety (90) days prior to each periodic review, USG shall submit a report to Ecology that documents whether human health and the environment are being protected based on the factors set forth in WAC 173-340-420(4). Ecology reserves the right to require further remedial action at the Site under appropriate circumstances. This provision shall remain in effect for the duration of this Order.

S. Indemnification

USG agrees to indemnify and save and hold the State of Washington, its employees, and agents harmless from any and all claims or causes of action (1) for death or injuries to persons, or (2) for loss or damage to property, to the extent arising from or on account of acts or omissions of USG, its officers, employees, agents, or contractors in entering into and implementing this Order. However, USG shall not indemnify the State of Washington nor save nor hold its employees and agents harmless from any claims or causes of action to the extent arising out of the negligent acts or omissions of the State of Washington, or the employees or agents of the State, in entering into or implementing this Order.

T. Precedence of this Order

This Order shall supersede any previous Agreed Orders between Ecology and USG relating to the Highway 99 site.

IX. SATISFACTION OF ORDER

The provisions of this Order shall be deemed satisfied upon USG's receipt of written notification from Ecology that USG has completed the remedial activity required by this Order, as amended by any modifications, and that USG has complied with all other provisions of this Agreed Order.

X. ENFORCEMENT

Pursuant to RCW 70.105D.050, this Order may be enforced as follows:

A. The Attorney General may bring an action to enforce this Order in a state or federal court.

B. The Attorney General may seek, by filing an action, if necessary, to recover amounts spent by Ecology for investigative and remedial actions and orders related to the Site.

C. A liable party who refuses, without sufficient cause, to comply with any term of this Order will be liable for:

1. Up to three (3) times the amount of any costs incurred by the State of Washington as a result of its refusal to comply.

2. Civil penalties of up to twenty-five thousand dollars ($25,000) per day for each day it refuses to comply.

D. This Order is not appealable to the Washington Pollution Control Hearings Board. This Order may be reviewed only as provided under RCW 70.105D.060.

Effective date of this Order: 6/24/16

USG Interiors, LLC.

Michael B. Meagher
Vice President Manufacturing - Ceilings
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661-3676
Telephone: 312-436-4000

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Rebecca Lawson, P.E., LHG
Section Manager
Toxics Cleanup Program
Southwest Regional Office
Telephone: (360) 407-6241

anniversary date established under this section to become the date of issuance of such revised or modified CAP.

R. Periodic Review

As remedial action, including groundwater monitoring, continues at the Site, the Parties agree to review the progress of remedial action at the Site, and to review the data accumulated as a result of monitoring the Site as often as is necessary and appropriate under the circumstances. At least every five (5) years after the initiation of cleanup action at the Site the Parties shall meet to discuss the status of the Site and the need, if any, for further remedial action at the Site. At least ninety (90) days prior to each periodic review, USG shall submit a report to Ecology that documents whether human health and the environment are being protected based on the factors set forth in WAC 173-340-420(4). Ecology reserves the right to require further remedial action at the Site under appropriate circumstances. This provision shall remain in effect for the duration of this Order.

S. Indemnification

USG agrees to indemnify and save and hold the State of Washington, its employees, and agents harmless from any and all claims or causes of action (1) for death or injuries to persons, or (2) for loss or damage to property, to the extent arising from or on account of acts or omissions of USG, its officers, employees, agents, or contractors in entering into and implementing this Order. However, USG shall not indemnify the State of Washington nor save nor hold its employees and agents harmless from any claims or causes of action to the extent arising out of the negligent acts or omissions of the State of Washington, or the employees or agents of the State, in entering into or implementing this Order.

T. Precedence of this Order

This Order shall supersede any previous Agreed Orders between Ecology and USG relating to the Highway 99 site.

EXHIBIT A – SITE DIAGRAMS

Figure No. 1: Vicinity Map
Figure No. 2: Site Plan
Figure No. 3: Core Remediation Area

Source: GOOGLE EARTH PRO, 2009

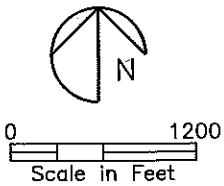

USG INTERIORS/HIGHWAY 99 SITE
MILTON, WASHINGTON

Figure No. 1
Vicinity Map

CDM

P:\19921\65021\ FIG-1 10/31/13 14:21 riehlepj

P:\19921\77628\Hylebros Creek\EXPANDED SITE\ FIGURE-2 05/10/13 11:02 rieniepj XREFS: SITEBASE-EXPANDED, HC-SITEBASE, S_1117
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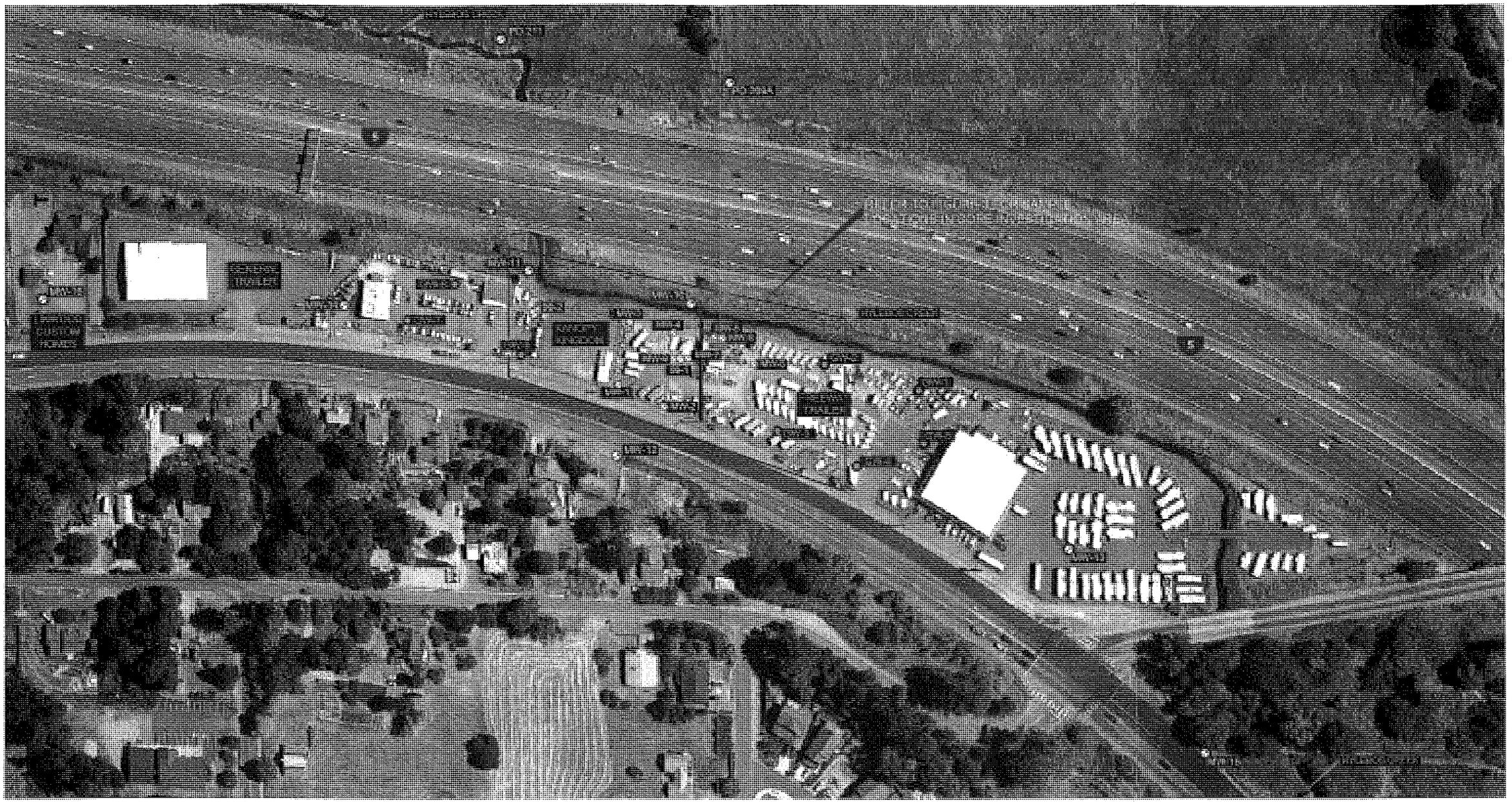

REFERENCE: GOOGLE EARTH PRO, 2012, IMAGE DATE AUGUST 20, 2011

LEGEND:

MW-12 MONITORING WELL

GW-3 PHASE 2 DPT BORING

PROPERTY LINE

NOTE:

MONITORING WELL MW-14 WAS DRILLED AT THE LOCATION OF GW-6

N

1" = 120'

60 0 120

CDM Smith

USG INTERIORS
HIGHWAY 99 SITE
MILTON, WASHINGTON

Figure No. 2
Site Plan

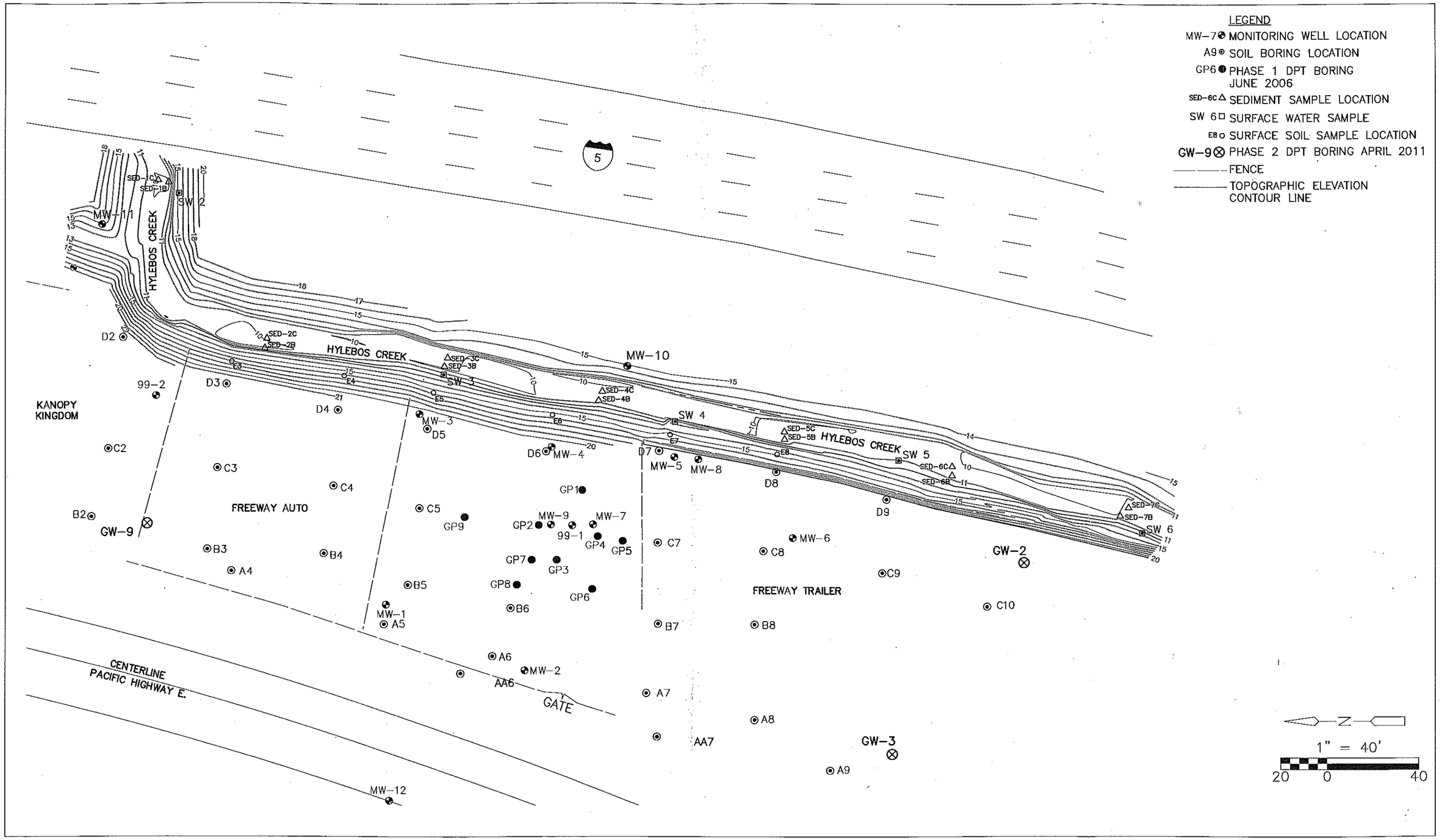

P:\19921\77628\Hylebros Creek\EXPANDED SITE\ FIGURE-3 04/01/13 13:13 riehlepj XREFS: HC-SITEBASE, S_1117, 36146-SURV-TP01

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CDM Smith

USG INTERIORS
HIGHWAY 99 SITE
MILTON, WASHINGTON

Figure No. 3
Site Plan – Core Remediation Area

Tacoma Dome Link Extension

ATTACHMENT B

Phase I Environmental Assessment
TD 3947, TD 3933
Gull Station
4310 Pacific Highway E
Tacoma, Washington

SOUNDTRANSIT

Phase I Environmental Assessment
TD 3947, TD 3933
Gull Station
4310 Pacific Highway E
Tacoma, Washington

Prepared for

Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

March 2021

CITATION

Sound Transit. 2020. Phase I Environmental Assessment
TD 3947, TD 3933 Gull Station
4310 Pacific Highway E, Fife, Washington.
Prepared by Parametrix, Seattle, Washington.
March 2021

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a professional engineer licensed to practice as such, is affixed below.

Prepared by Kelly Carini

Approved by Rick Wadsworth, PE

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ACRONYMS AND ABBREVIATIONS

AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CMMP	Contaminated Media Management Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
CREC	Controlled Recognized Environmental Condition
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HREC	Historical Recognized Environmental Conditions
HSL	Hazardous Site List
ICR	Independent Cleanup Report
INST CONTROL	Institutional Control
kg	Kilograms
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
MTCA	Model Toxics Control Act
NFA	No Further Action
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
PLIA	Pollution Liability Insurance Agency
PTAP	Petroleum Technical Assistance Program
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation

ACRONYMS AND ABBREVIATIONS (CONTINUED)

SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension
TSD	Transportation, Storage, and Disposal
VCP	Voluntary Cleanup Program

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) for the Tacoma Dome Link Extension (TDLE) project in conformance with the scope and limitations of American Society of Testing Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as Tacoma Dome (TD) properties TD 3947 and TD 3933. Any exceptions to, or deletions from, the Standard Practice are described in Section 4.1 of this report.

The subject property is located on Pierce County Tax Lots 320013136 and 320013141 (Figure 1) and is currently occupied by a gasoline service station and convenience store. The subject property encompasses an area of approximately 1.6 acres and is zoned for commercial use. The convenience store on the subject property is 4,050-square-feet in size.

The first known development of the site was in the 1950s with two structures. Prior to the development, the subject property was undeveloped agricultural land. The subject property appeared developed as a gas station, similar to current conditions by1990. There have been no significant changes to the subject property between 1990 and the present. Surrounding land use has remained commercial and industrial. According to City records, the convenience store structure was built in 1992.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property except for the following:

Recognized Environmental Conditions

The subject property is listed on multiple databases on the Environmental Data Resources (EDR) report, including the Confirmed and Suspected Contaminated Site List (CSCSL)and Petroleum Technical Assistance Program (PTAP) databases. Contamination originating from a Leaking Underground Storage Tank (LUST) and associated fuel lines resulted in soil and groundwater impacts at the subject property. Cleanup levels were exceeded for diesel and gasoline-range hydrocarbons in soil and groundwater as well as associated benzene, toluene, ethylbenzene, and xylenes. Remedial actions, including the removal of the tank, soil excavation, and injection of an oxidizing agent, have been completed at the site, and groundwater monitoring is ongoing. Additional remedial actions are ongoing, including quarterly groundwater monitoring to determine whether contamination is stable or declining. A remedial investigation (RI) report is tentatively approved with the requirement that the data gaps are addressed, including stormwater drainage issues. The presence of soil and groundwater contamination at the subject property represents a REC.

According to the RI, the feasibility study process is ongoing; thus, prior to acquisition of the property, the progress of the feasibility study should be evaluated.

The storage of petroleum products, two UST fields, was noted on the subject property during site reconnaissance (from public rights-of-way). Monitoring wells were also noted throughout the subject property indicating cleanup activities. The storage of petroleum products and the observed monitoring wells are a REC to the subject property.

Data Gaps

An on-site reconnaissance (within subject property boundaries) and interview were not able to be conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13 (2013). However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to conduct a Phase I Environmental Site Assessment (ESA) on the site located at 4310 Pacific Highway E in Fife, Washington (herein referred to as the subject property; see Figure 1), as part of the Tacoma Dome Light Rail Extension (TDLE) project. The subject property includes Pierce County parcels 320013136 and 320013141 (TDLE parcel IDs TD 3947 and TD 3933, respectively). The subject property, known as Gull Station, is an operating gasoline service station and convenience store. The Phase I ESA was conducted to support environmental due diligence related to potential acquisition of the property associated with the TDLE project.

The subject property encompasses approximately 1.6 acres and includes a single structure that consists of a convenience store and two covered pump areas, one for larger trucks and one for commercial passenger vehicles. The structure was constructed in 1992 and is 4,050 square feet in size. The boundaries of the subject property are shown in Figure 2.

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The Phase I ESA consisted of two distinct tasks: 1) a review of documents and of oral information (if available) and 2) a site examination. Conclusions and recommendations in this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study (ASTM 2013). The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and, as such, constitutes “all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice” as defined by 42 United States Code §9601 (35)(B).

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs) on or near the subject property. The term Recognized Environmental Condition is defined in ASTM Standard E1527-13 as:

> “…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a threat of a future *release* to the environment. *De minimis conditions* are not *recognized environmental conditions*.”

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

1/28/2021 | ST_TDLE_Ph2 | Phase1_Fife_GullStation_Figure_1.mxd

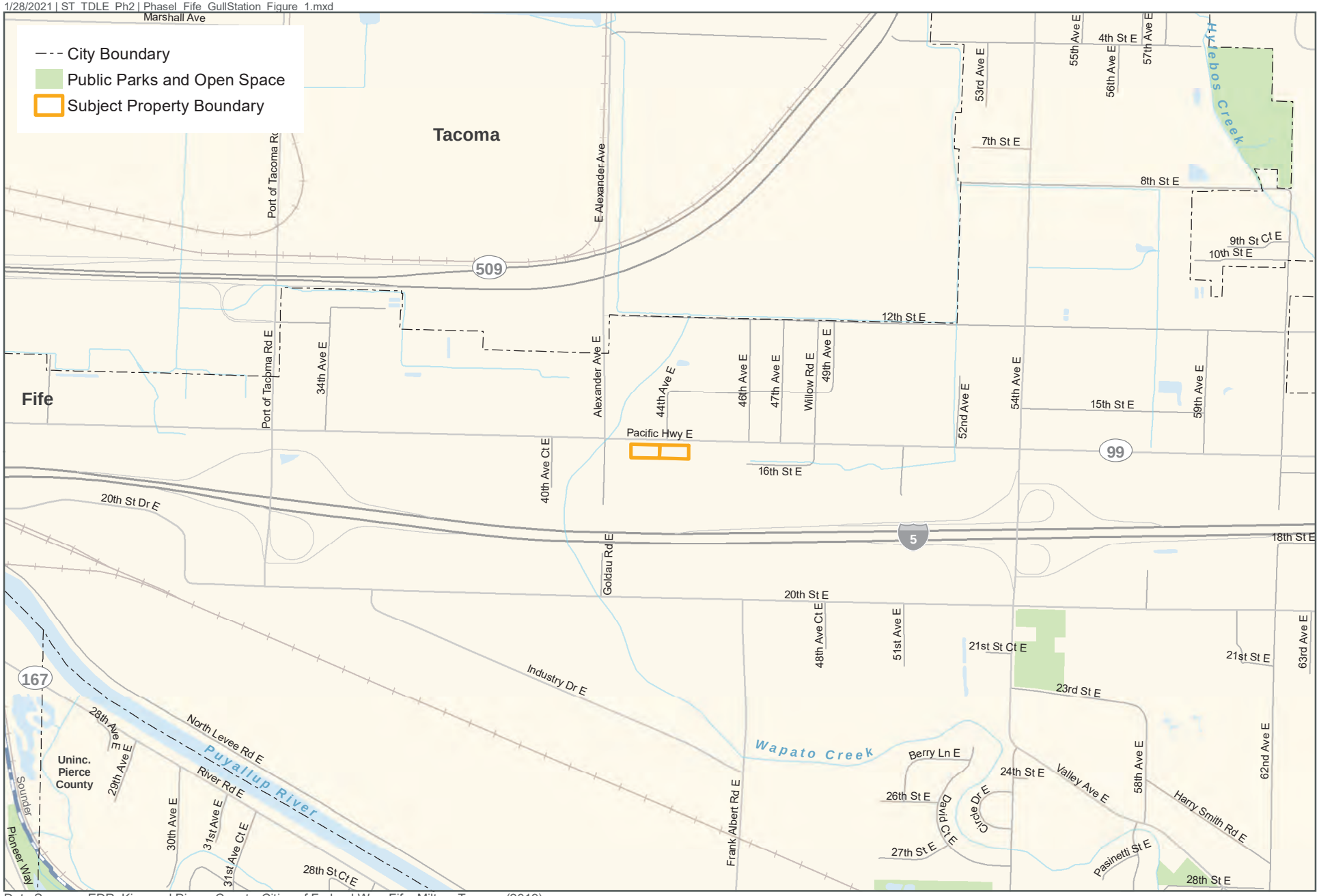

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 1
Site Vicinity Map
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

1/28/2021 | ST_TDLE_Ph2 | Phase1_Fife_GullStation_Figure_2.mxd

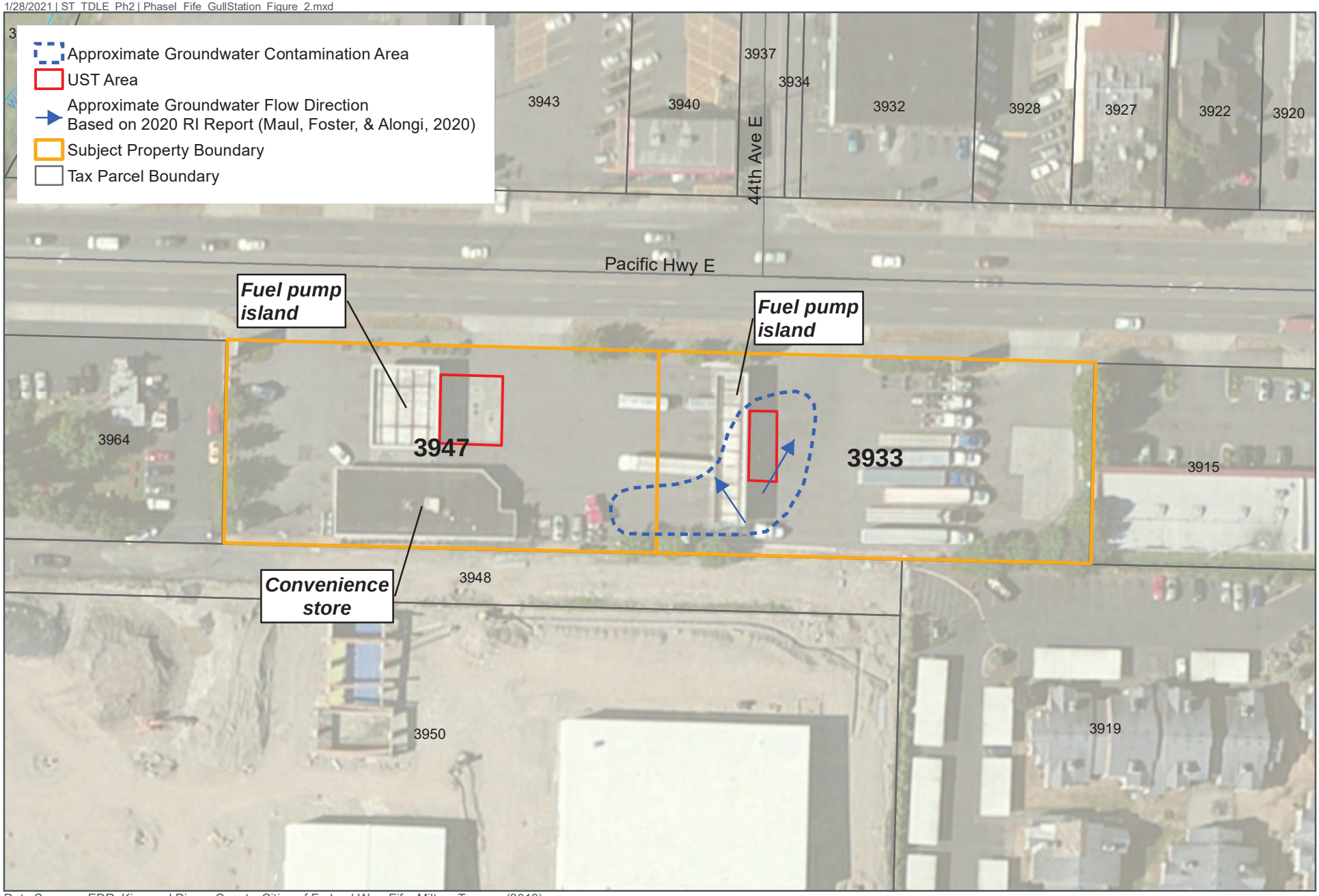

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls." (ASTM 2013)

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those areas to which it had access on the subject property.

Phase I ESA methodology included viewing accessible areas of the subject property on foot. Unless otherwise stated, no exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions may exist at the site but were not detected at the time of the investigation.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

The following sections summarize the location, characteristics, and physical setting of the subject property.

2.1 Location

The subject property is located at 4310 Pacific Highway E in Fife, Washington. It is a 1.6-acre property bounded by Pacific Highway E to the north, by commercial properties to the east and west, and by 16th Street East to the south, followed by commercial properties. According to the Pierce County Assessment Office, Thorp Properties, Inc is the current owner of the subject property. The subject property includes Pierce County parcels 320013136 and 320013141 (TDLE parcel IDs TD 3947 and TD 3933, respectively). The site location is shown on Figure 1. The boundaries of the subject property and project construction footprint are shown on Figure 2.

2.2 Site and Vicinity Characteristics

The subject property includes Gull Station, a gasoline service station with two pump islands and a convenience store (4,050 square feet, built in 1992).

The vicinity of the subject property is developed for industrial and commercial uses. Properties in the direct vicinity include restaurants and commercial businesses to the east and west, a car dealership and service center to the south, and parking lots and a tobacco shop to the north (Figure 2).

2.3 Physical Setting

The subject property is at an elevation of approximately 55 feet above mean sea level. The topography of the site gently slopes to the north towards the Puyallup River and Puyallup basin (USGS 2020). Soils in the area of the subject property are mapped as Sultan silt loam by the U.S. Department of Agriculture (USDA 1955). These are described as moderately well drained. Made land is mapped to the north of the subject property. The made land is dredged material that was deposited artificially over marshy tideflats for grading.

The surface geology of the subject property is mapped as Quaternary Vashon recessional outwash ice contact deposits and Quaternary pre-Fraser age coarse-grained deposits. These are described as sand and gravel to silty sand and gravel with some clay portions. These deposits generally have a high porosity and permeability.

The site is underlain by artificial fill. Groundwater at the site is found at a depth of approximately 3 to 10 feet below ground surface. The groundwater flow direction below the subject property is primarily to the north.

The nearest surface waterbody is the Blair Waterway, located 4,500 feet northwest of the subject property. The Puyallup River is located 4,500 feet southwest of the subject property.

2.4 Current Use of the Property

The subject property is currently a gasoline service station (Gull Station) with two pump islands and a convenience store. Access to the gas station is from Pacific Highway E to the north. Zoning for both parcels of the subject property is listed as Commercial.

2.5 Descriptions of Improvements on the Subject Property

Based on Pierce County property assessment records, the subject property includes 1.6 acres with a single structure (convenience store) constructed in 1992 and 4,050 square feet in size. Two gasoline/diesel pump islands with canopies are also located on the property, one to the north of the structure and one to the east of the structure. The exterior of the building is finished with asphalt parking and other hardscaping. Local records indicate that electricity, gas, water, and sanitary sewer are provided by local utilities.

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products. Parametrix reviewed the Pierce County Recorders database for liens against the current owner. No environmental liens were identified within the recorded documents filed for the current owner of the subject property. Additionally, Parametrix reviewed the Washington State Department of Ecology's environmental covenant database. No environmental (restrictive) covenants were filed for the subject property. Therefore, no evidence of activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

A Property History Guarantee title report was supplied by Sound Transit for the subject property (attached in Appendix A). There are no records in the title summary report indicating activity or use limitations or environmental liens affecting the property. No evidence of activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: 1) a review of regulatory databases to find sites, including and close to the subject property, listed by federal and State of Washington agencies and 2) a compilation of historical uses of the subject property and site vicinity properties to determine whether past operations pose an environmental risk to the subject property.

Information for agency database review is based, in part, on a report provided by EDR. The EDR report is a summary of state and federal database searches for sites of possible environmental concern and is included in Appendix B. Historical information is based on review of historical Sanborn Fire Insurance Maps and aerial photographs (Appendices C and D).

The information review enabled Parametrix personnel to characterize the types of activities performed at the site and identify data gaps prior to the site examination, and it facilitated recognition of discrepancies between reported and observed data. Any data gaps identified during the document review were addressed by interviewing Tacoma-Pierce County Health Department personnel, by making observations during the site examination, or by additional detailed investigation.

It should be noted that the information supplied by EDR is reported as Parametrix received it. EDR, in turn, reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from database records maintained by the U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology). The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR report (Appendix B). Only standard and key additional databases are listed below. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the type of listings, types of contaminants, proximity, and position relative to the subject property, the topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (see Section 4).

3.1.1 Review of Washington State Department of Ecology Databases

The following subsections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases. Additional information regarding these sites was reviewed on Ecology's Integrated Site Information System website to supplement data gaps in the EDR report. Relevant database listings from Ecology include the following:

- Ecology Hazardous Site List (HSL)
- Ecology Confirmed and Suspected Contaminated Site List (CSCSL)

- Ecology CSCSL No Further Action (CSCSL NFA) List
- Ecology Leaking Underground Storage Tank (LUST) List
- Ecology Underground Storage Tank (UST) List
- Ecology Aboveground Storage Tank (AST) List
- Ecology Institutional Controls (INST CONTROL) List
- Ecology Voluntary Cleanup Program (VCP) List
- Ecology Independent Cleanup Report (ICR) List
- Ecology and Pollution Liability Insurance Agency Petroleum Technical Assistance Program (PTAP) List
- Ecology Brownfields List
- Ecology Reported Spills (SPILLS) List
- Ecology Drycleaners List

3.1.1.1 Ecology HSL, CSCSL, and CSCSL NFA Databases

The Ecology CSCSL database contains sites in Washington State that have been confirmed or have been suspected of contaminant releases and is the state equivalent to the federal Comprehensive Environmental Response, Compensation and Liability Information System (known as CERCLIS). The HSL is a subset of the CSCSL database for sites that have been formally ranked using the Washington Ranking Method. The CSCSL NFA database is former CSCSL sites that have achieved an NFA determination from Ecology.

The subject property was found on the CSCSL database:

- Pacific Xpress (currently operating as Gull Station) at 4310 Pacific Highway E is listed on the CSCSL database related to an ongoing release of petroleum hydrocarbons. This represents a REC to the subject property. Further information is provided in Section 4.

Forty-five sites within one mile of the subject property were reported on the CSCSL database, three sites within one mile were reported on the HSL database, and ten sites within 0.5 mile were reported on the CSCSL NFA database. One CSCSL NFA site was reported within 0.125mile from the subject property:

- The Susan Kaelin Property at 1409 Alexander Avenue East (470 feet northwest and down-gradient) is listed on the CSCSL NFA database. Petroleum hydrocarbons were remediated below cleanup levels in soil and suspected in groundwater. The site achieved a NFA status from Ecology in 2001. The site was evaluated in the Remedial Investigation (RI) Report (Maul Foster & Alongi, Inc. 2020) conducted for the subject property in April 2020 and is not expected to impact the subject property based on the gradient of groundwater flow determined at the subject property (up-gradient from the Susan Kaelin Property). Based on the downgradient location and NFA status, this site is not considered a REC to the subject property.

The remaining HSL, CSCSL, and CSCSL NFA sites identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.2 Ecology UST and AST Databases

The Ecology UST List identifies registered USTs, which are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data were obtained from Ecology's UST Site/Tank Report database. The Ecology UST database contains registered commercial USTs. Residential heating oil USTs are not included in the Ecology UST database. USTs are regulated under Subtitle I of the RCRA. Unless otherwise noted, the presence of USTs near the site does not, in itself, constitute a REC.

The Ecology AST database is a listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program. Unless otherwise noted, the presence of ASTs near the site does not, in itself, constitute a REC.

The subject property is listed on the UST database:

- Petrocard Inc. (subject property) is on the UST database related to having three USTs removed in 1996, one UST removed in 2018, and four operational USTs installed in 1990. Based on the listings indicating a REC for the subject property, a file review was conducted and is further discussed in Section 4.

Five sites were reported on the UST database within 0.25 mile of the subject property, and no AST sites were reported within 0.25 mile of the subject property. Two of these sites were reported within 0.125 mile from the subject property:

- B & J Bingo located at 4401 15th Street East (575 feet north-northeast of the subject property) is listed on the UST databases. The site lists one UST that was closed and removed in 1991. Based on the distance and gradient from the subject property and the lack of reported releases, this site is not considered a REC to the subject property.
- TT2 APR Forwarders Inc located at 4503 15th Street East (600 feet northeast of the subject property) is listed on the UST databases. The site lists one UST that was removed in 1996. Based on the distance and gradient from the subject property and the lack of reported releases, this site is not considered a REC to the subject property.

3.1.1.3 Ecology LUST Database

The LUST Incident Report contains an inventory of reported leaking UST incidents. The data were obtained from Ecology's LUST Database List. The subject property is not listed in the LUST database; however, there has been a LUST onsite. Further details can be found in Section 4.

Eight sites were reported on the LUST database within 0.5 mile of the subject property. No LUST sites were listed withing 0.125 mile of the subject property. The remaining listed sites on the UST and LUST databases identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.4 Ecology VCP, PTAP, ICR

The Voluntary Cleanup Program (VCP) database is a list of sites that have been entered into the Ecology VCP and are undergoing cleanup. The PTAP database is a list of petroleum release sites that have been entered into the Pollution Liability Insurance Agency (PLIA) PTAP program and are undergoing cleanup.

The ICR database is a subset of the VCP or former VCP sites that have reported interim cleanup actions to Ecology.

The subject property was reported on the PTAP database:

- Pacific Xpress (currently operating as Gull Station) at 4310 Pacific Highway E is listed on the PTAP database related to an ongoing cleanup of a former release of petroleum hydrocarbons. This represents a REC to the subject property. As noted above, based on the listings for the subject property, a file review was conducted and summarized in Section 4.

Fourteen sites within 0.5 mile of the subject property were reported on the VCP database. One of these sites was reported within 0.125 mile from the subject property:

- The Susan Kaelin Property at 1409 Alexander Avenue East (470 feet northwest) is listed on the VCP database. Petroleum hydrocarbons were remediated below cleanup levels in soil and suspected in groundwater. The site achieved a NFA status from Ecology in 2001. The site was evaluated in the RI Report (Maul Foster & Alongi, Inc. 2020) conducted for the subject property in April 2020 and is not expected to impact the subject property based on the gradient of groundwater flow determined at the subject property (up-gradient from the Susan Kaelin Property). Based on the downgradient location and NFA status, this site is not considered a REC to the subject property.

The remaining listed sites on the VCP database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

No sites within 0.5 mile of the subject property were reported on the PTAP database.

Seven sites within 0.5 mile of the subject property were reported on the ICR database. None are within 0.125 mile from the subject property. The listed sites on the ICR database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

Two sites within 0.5 mile of the subject property were reported on the INST CONTROL database. One of the sites is over 900 feet and down-gradient from the subject property. It has an NFA issued by Ecology and does not appear to represent a REC to the subject property. The remaining listed site on the INST CONTROL database identified in the EDR report appears to be at sufficient distance from the subject property and/or cleanup activities have been completed so that it does not appear to represent a REC to the subject property.

3.1.1.5 Ecology Solid Waste Facilities/Landfill

The Solid Waste Facilities/Landfill records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data were obtained from Ecology's Solid Waste Facilities Handbook.

The subject property is not listed as a Solid Waste Facilities/Landfill site. No Solid Waste Facilities/Landfill sites were reported within 0.5 mile of the subject property.

3.1.1.6 Ecology Brownfields List

The Brownfields List is a database of sites that Ecology considers brownfields or that have received financial or technical assistance for cleanup. A brownfield is "a real property where expansion or redevelopment is complicated by actual or perceived environmental contamination."

The subject property is not listed as a State Brownfields site. No State Brownfields site were reported within 0.5 mile of the subject property.

3.1.1.7 Ecology SPILLS Databases

The Ecology SPILLS database reports potential small releases to the subsurface that have the potential to cause contamination.

The subject property is listed in the SPILLS database:

- Pacific Xpress (currently operating as Gull Station) at the subject property address is listed on the SPILLS database. According to the listing, 15 gallons of diesel fuel was released in 2008. Further discussion on listings for the subject property is present in Section 4.

The remaining listed sites on the SPILLS database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.8 Ecology Solid Waste Facilities/Landfill

The Solid Waste Facilities/Landfill records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data were obtained from Ecology's Solid Waste Facilities Handbook.

The subject property is not listed as a Solid Waste Facilities/Landfill site. No Solid Waste Facilities/Landfill sites were reported within 0.25 mile of the subject property.

3.1.1.9 Ecology Drycleaner Database

The drycleaner database is a listing of former or current drycleaners in Washington. No drycleaners were reported within 0.25 mile of the subject property. No inactive drycleaners were reported within 0.25 mile of the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following subsections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases:

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) database
- Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Act (RCRA)

- Resource Conservation and Recovery Act Information (RCRAInfo) List
- Emergency Response Notification System (ERNS) List
- U.S. Brownfields List

3.1.2.1 NPL List

The NPL identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. Information contained in the EDR report indicates that the subject property is not listed as an NPL site. No NPL sites are listed within one mile of the subject property; however, there is one NPL site which impacts the vicinity of the subject property:

- The Asarco Tacoma Smelter Plume is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than Model Toxics Control Act (MTCA) Method A cleanup levels and is not considered a REC for the subject property.

3.1.2.2 SEMS Database

The EPA's Superfund Enterprise Management System (SEMS) database identifies sites that may potentially pose a threat to the environment or the health of the public.

Information contained in the EDR report indicates that the subject property is not listed as a SEMS site. One SEMS sites was identified within 0.5 mile of the subject property:

- The Petarcik site (911 Pacific Highway E) is located approximately 1,190 feet east of the subject property. This listing is related to corrosive waste and halogenated organics contamination confirmed in soil and suspected in groundwater. Soil has been remediated at the site, and there is ongoing monitoring and cleanup at the site. This site is not an NPL site and is not considered a REC based on the proximity and position related to the subject property.

The EPA also publishes the SEMS-ARCHIVE list, which identifies SEMS sites that have been designated "no further remedial action planned" and removed from the SEMS List. Information contained in the EDR report indicates that the subject property is not listed as a SEMS-ARCHIVE site. No SEMS-ARCHIVE sites were identified within 0.5 mile of the subject property.

3.1.2.3 CORRACTS List

The CORRACTS List identifies hazardous waste handlers with a history of RCRA corrective action activity. This list shows which corrective action events have occurred for every hazardous waste handler that has had corrective action activity due to improper procedures or handling.

Information contained in the EDR report indicated that the subject property is not listed as a CORRACTS site. No CORRACTS sites are listed within one mile of the subject property.

3.1.2.4 RCRA Generators List

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments of 1984. The database includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA.

Very small quantity generators generate less than 100 kilograms (kg) of hazardous waste or less than 1 kg of acutely hazardous waste per month. Small quantity generators generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate more than 1,000 kg of hazardous waste or more than 1 kg of acutely hazardous waste per month. Non-generators do not currently generate hazardous waste.

Information contained in the EDR report indicates that the subject property is not listed in any RCRA generator database.

Four RCRA Non-generators are listed within 0.125 mile of the subject property. Based on lack of violations or the nature of violations, these sites do not represent RECs for the subject property.

EPA also regulates the management of hazardous waste at transportation, storage, and disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a TSD site. No TSD sites are identified within 0.5 mile of the subject property.

3.1.2.5 ERNS List

The ERNS List is a national database containing information from spill reports made to federal authorities. Information contained in the EDR report indicates that no ERNS sites are listed near the subject property.

3.1.2.6 US Brownfields List

The EPA's US Brownfields List identifies brownfield properties addressed by Cooperative Agreement Recipients or by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. No US Brownfields site is listed within 0.5 mile of the subject property.

3.1.3 Other Databases

The following subsections include other databases identified in the EDR report that may be relevant to assessing potential environmental liability or environmental issues at the subject property.

3.1.3.1 EDR Proprietary Databases

EDR has conducted research on the occurrence of historical business practices that may pose a REC to properties. The database was developed from data found in historical city directories and contains information on over 100,000 former gas stations, manufactured gas plants, and dry cleaners. Because of the nature of these businesses, the sites have the potential for soil and groundwater contamination to have occurred.

EDR Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. The listings reviewed include, but were not limited to, gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, and/or service station.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that the subject property is listed on the EDR Historical Auto Station database:

- Express Stop was identified as a gasoline service station between 1972 and 2014. Further discussion on listings for the subject property is presented in Section 4.

Three EDR Historical Auto Stations sites were identified on the EDR report within 0.125 mile of the subject property. None of these sites are located upgradient of the subject property. Unless otherwise noted, the mere presence of historical auto stations near a site does not, in itself, constitute an REC. Based on lack of reported releases and other supplemental information, the identified sites do not appear to represent a REC to the subject property.

EDR Manufactured Gas List

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800s to 1950s to produce a gas that could be distributed and used as fuel. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils, and other compounds, are potentially hazardous to human health and the environment. The byproducts from this process were frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

No manufactured gas sites are listed within one mile of the subject property.

EDR Historical Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to, dry cleaners, cleaners, laundries, laundromats, cleaning/laundry businesses, wash and/or dry businesses.

A review of the EDR Historical Dry Cleaner list, as provided by EDR, has revealed that there is one EDR Historical Dry Cleaner site within 0.125 mile of the subject property:

- M Best Cleaners (4420 Pacific Highway E) is located approximately 230 feet east of the subject property. This site was identified as being a cleaners in 2004 and 2010. The site is now a restaurant. The site does not appear on any databases that report releases or spills of hazardous materials and is not listed as a cleanup site. Based on the distance from the subject property and the lack of reported releases, the site does not appear to represent a REC for the subject property.

Unless otherwise noted, the mere presence of a historical dry cleaner near a site does not, in itself, constitute a REC. The identified site does not appear to represent a REC for the subject property.

3.1.4 Orphan Site List

Orphan sites are those for which mapping information is not detailed enough to plot the location of the site or for which there is no known responsible party, or the responsible party is unwilling or unable to pay for cleanup. Based on a review of the information for the orphan sites, none appear to represent a potential REC for the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface" (ASTM 2013). The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The target property and adjacent sites were reviewed in an effort to determine whether vapor migration has, or has the potential to have, occurred at the site from adjacent properties. Based on the information reviewed, the subject property is not identified as a potential vapor intrusion site. Groundwater and soil contamination on site are limited primarily to diesel and oil-range hydrocarbons, metals, and polycyclic hydrocarbons, which do not typically cause vapor intrusion issues. Limited detected concentrations of volatile organic compounds in groundwater and naphthalene in soil are at levels that do not appear to warrant a concern for vapor intrusion. According to the RI Report (Maul Foster & Alongi, Inc. 2020), vapor migration exposure pathways are incomplete and not considered a concern at the subject property.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area to help identify the likelihood that past uses have led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include the Certified Sanborn Maps and the historical aerial photos.

3.2.1 Certified Sanborn Maps

A copy of the Certified Sanborn Map Report for the TDLE project area is included in Appendix C (EDR 2019). Maps were not available for the Gull Station site.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs of the subject property area examined for the years 1941, 1957, 1968, 1980, 1990, 2006, 2013, and 2017. Copies of the aerial photographs are included in Appendix D. Observations are discussed below.

1941 The subject property appears to be undeveloped, agricultural land. A roadway (Pacific Highway) is visible to the north of the subject property. Some rural residential development is visible to the north of the roadway. The vicinity of the subject property appears to be rural residential development and undeveloped, agricultural land.

1957-1980 The subject property appears to be developed with two structures, one situated on the southeastern portion and one situated on the southwestern portion of the subject property. The vicinity of the subject property remains undeveloped agricultural land and rural residential properties.

1990 A canopy/structure is visible on the western portion of the subject property, replacing the former structure. The structure on the southeastern portion of the subject property is still visible. Commercial development is visible to the north and southwest of the subject property.

2006-2009 The subject property appears much as it did in the 1990 photo and similar to present day conditions, developed with a gasoline service station. The car dealership to the adjacent south is partially developed. Much of the rest of the vicinity of the subject property appears similar to the 1990 photo.

2013-2017 The subject property and vicinity are developed similar to present day conditions. The car dealership to the adjacent south of the subject property is further developed with several large buildings.

Based on the historical document review, the subject property first appeared developed with two developed structures in the 1957 aerial photograph. Prior to the development, the subject property was undeveloped, agricultural land. The subject property appeared developed similar to current conditions in 1990. There have been no significant changes to the subject property between 1990 and the present. The presence of a gasoline service station on the subject property shown in the aerial photographs is a REC.

3.2.3 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following subsections.

3.2.3.1 City of Fife

A review of permits for environmental significance (i.e., septic tank, stormwater, dry wells, and/or USTs or ASTs) was completed. Multiple UST permits were listed for multiple years. No additional permits of environmental significance were identified on the City of Fife's Permit Search Tool (City of Fife 2020). A copy of the permit list is included in Appendix F.

3.2.3.2 Pierce County

Based on information from the Pierce County Property Assessor-Treasurer Information Portal, the subject property is located on Tax Lots 320013136 and 320013141 and is approximately 1.6 acres. The subject property is currently owned by Thorp Properties, Inc.

Pierce County records indicate that one structure constructed in 1992 is located on the subject property.

3.2.4 Additional Environmental Information

The following subsections provide a summary of additional environmental information obtained for the site.

3.2.4.1 Asbestos

The manufacture of most asbestos-containing material was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the structure (1992), there is low potential for asbestos-containing materials to have been used in the construction of the building. A Hazardous Building Materials Survey has not been conducted on the subject property.

3.2.4.2 Lead-Based Paint

Before 1977, paint commonly contained lead, which is considered to cause human health problems if ingested. Based on the age of the structure (constructed in 1992), there is low potential for LBP to have been used in the construction of the building. A Hazardous Building Materials Survey has not been conducted on the subject property.

3.2.4.3 Polychlorinated Biphenyls

Transformers can potentially contain polychlorinated biphenyls (PCBs). There are no transformers located on the subject property. Based on the age of the structure (constructed in 1992), there is low potential for PCBs to have been used in the construction of the building. A Hazardous Building Materials Survey has not been conducted on the subject property.

3.2.4.4 Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

Pierce County ZIP code 98424 is located in Federal EPA Radon Zone 3. The Zone 3 indoor average radon level is less than 2 pCi/L (pico Curies per Liter). Based on this limited information, radon likely does not represent an environmental concern at the property. In addition, based on lack of a basement and the occupational nature of the site (limited working hours), radon is not expected to be a potential REC for the subject property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties and fill in data gaps where applicable. Previous investigations and file reviews are summarized below.

4.1 Previous Investigations

Based on the subject property's listing in Ecology's CSCSL database, Parametrix requested available site records from the agency. The subject property is listed as the 'Pacific Xpress' site (CS 14611), a gasoline service station that has been in operation since the 1980's according to the RI (Maul Foster & Alongi, Inc. 2020). The Pacific Xpress site was designated on the CSCSL as a result of contamination found during site upgrades and UST replacement in 2018.

Investigations were initiated after excavation at the site in 2018 found petroleum contaminated soil and shallow groundwater due to a leaking UST system and associated fuel lines. The UST system was replaced, contaminated soil was excavated, groundwater was pumped from the excavation and treated, and an oxidizing agent was applied to the subsurface to support bioremediation of remaining impacts.

During the RI, the lateral extent of groundwater contamination exceeding MTCA Method A cleanup levels was determined to be contained with the boundaries of the subject property. Soil contamination exceeding MTCA Method A cleanup levels was determined to be only in the areas adjacent to the existing diesel UST. In accordance with the recommendations outlined in the RI report, quarterly groundwater monitoring is ongoing at the subject property to determine whether contamination is stable or declining. An environmental covenant could be placed on the property to restrict the use of groundwater at the site. Additional oxidizing agent could also be injected near the area of the LUST to expedite the degradation of contaminates in the groundwater. During the RI, standing water was observed in the manholes of the City's stormwater system due to a drainage issue. The RI recommends the City of Fife resolve this issue so that potential groundwater intrusion can be assessed.

The RI report is tentatively approved by PLIA with the requirement that the data gaps outlined in the RI report are addressed (PLIA 2020). The feasibility study process is ongoing; thus, prior to acquisition of the property, the progress of the feasibility study should be evaluated. The presence of contamination in soil and groundwater at the site is considered a REC. The RI report and Ecology's tentative approval letter is included in Appendix F.

4.2 Adjacent Properties File Review

Several nearby properties were listed on environmental databases, as described in Section 3. In general, sufficient site-specific information was available through review of the EDR report as well as online Ecology files to develop an opinion on the potential for these properties to have affected the subject property.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 20, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site walk are included in Appendix E.

5.1 Subject Property

The subject property is developed with a gasoline service station and a convenience store. The property has two covered pump areas, one for larger trucks and one for commercial passenger vehicles. The northern edge of the subject property is fronted by a wide sidewalk along Pacific Highway E. UST fields were observed to the southeast of the easterly pump island and to the west of the westerly pump island. Monitoring wells were observed throughout the subject property. The confirmed presence of petroleum products and the monitoring wells indicating a release are considered a REC for the subject property.

No evidence of ASTs or other indications of environmental significance were observed on the exterior portions of the property. No evidence of staining, adverse odors, or other indications of potential releases was observed. The monitoring wells are part of the ongoing cleanup at the site further discussed in Section 4.

5.2 Adjacent Properties

The vicinity of the subject property is developed primarily with commercial buildings. Adjacent properties were examined from public areas for the presence of environmental conditions that have the potential to impact the subject property.

The subject property is bounded to the east and west by restaurants and commercial businesses, to the south by 16th Street East followed by a car dealership and service center, and parking lots, and to the north by Pacific Highway E followed by a tobacco shop and parking lots. No evidence of significant staining or stressed vegetation was noted on the ground surface on assessable properties adjacent to the site. No evidence of the storage of chemical or hazardous materials identified on visible areas of adjacent properties.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13.

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. No RECs were identified through the review of the user questionnaire. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix completed an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health - Contaminated Properties division on February 4, 2021 (TPCHD 2021). According to Mr. Olsen, TPCHD issued a remediation permit in 2018 and he indicated that the last TPCHD annual cleanup permit was issued in July 2020. TPCHD has not received reports documenting cleanup activities with the permits. Mr. Olsen noted that TPCHD should be notified of cleanup activities but often reports are only sent to PLIA or other appropriate agencies.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13 on the subject property identified as TDLE properties TD 3947 and TD 3933. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located on Pierce County Tax Lots 320013136 and 320013141 (Figure 1) and is currently occupied by a gasoline service station and convenience store. The subject property encompasses an area of approximately 1.6 acres and is zoned for commercial use. The convenience store on the subject property is 4,050-square-feet in size.

The first known development of the site was in the 1950s with two structures. Prior to the development, the subject property was undeveloped agricultural land. The subject property appeared developed as a gas station, similar to current conditions by1990. There have been no significant changes to the subject property between 1990 and the present. Surrounding land use has remained commercial and industrial. According to City records, the convenience store structure was built in 1992.

This assessment has revealed no evidence of RECs in connection with the subject property except for the following:

Recognized Environmental Conditions

The subject property is listed on multiple databases on the EDR report, including the CSCSL and PTAP databases. Contamination originating from a LUST and associated fuel lines resulted in soil and groundwater impacts at the subject property. Cleanup levels were exceeded for diesel and gasoline-range hydrocarbons in soil and groundwater as well as associated benzene, toluene, ethylbenzene, and xylenes. Remedial actions, including the removal of the tank, soil excavation, and injection of an oxidizing agent, have been completed at the site, and groundwater monitoring is ongoing. Additional remedial actions are on-going including quarterly groundwater monitoring to determine whether contamination is stable or declining. An RI report is tentatively approved with the requirement that the data gaps are addressed, including stormwater drainage issues. The presence of soil and groundwater contamination at the subject property represents a REC.

According to the RI, the feasibility study process is ongoing; thus, prior to acquisition of the property, the progress of the feasibility study should be evaluated.

The storage of petroleum products, two UST fields, was noted on the subject property during site reconnaissance (from public rights-of-way). Monitoring wells were also noted throughout the subject property indicating cleanup activities. The storage of petroleum products and the observed monitoring wells are a REC to the subject property.

Data Gaps

An on-site reconnaissance (within subject property boundaries) and interview were not able to be conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13 (2013). However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

8. REFERENCES

ASTM International (American Society for Testing and Materials). 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-13). November 2013.

City of Fife. 2020. City of Fife Online Permit Portal. Available at: https://www.cityoffife.org/475/Permitting. Accessed November 2020.

Ecology (Washington State Department of Ecology). 2020. Tacoma Smelter Plume Project. Available at: https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Tacoma-smelter. Accessed November 2020.

Ecology. 2021. Environmental Covenants List. Available at https://apps.ecology.wa.gov/cleanupsearch/reports/covenants. Accessed January 2021.Maul Foster & Alongi, Inc. 2020. Remedial Investigation Report, Petrocard Fife Cardlock. Prepared for Petrocard, Inc. April 27, 2020.

Pierce County Assessor-Treasurer. Assessor-Treasurer Information Portal. Available at: https://atip.piercecountywa.gov/#/app/propertyDetail/2075270010/summary. Accessed November 2020.

Pierce County Recorder. 2021. Recorded Documents. Available at https://armsweb.co.pierce.wa.us/RealEstate/SearchEntry.aspx?e=newSession. Accessed January 2021.

PLIA (Pollution Liability Insurance Agency). 2020. Tentative Approval RI Report: Remedial Investigation Report Pursuant to Independent Remedial Action at the Following Hazardous Waste Site. May 12, 2020.

Tacoma-Pierce County Health Department. 2021. Interview with Rob Olsen Environmental Health – Contaminated Properties division, conducted on February 4, 2021.

USDA (U. S. Department of Agriculture). 1955. Soil Survey of Pierce County, Washington, 1939 Series.

USGS (U.S. Geological Survey). 2020. Topographic Map of the Tacoma South 7.5-minute Quadrangle, Washington.

Appendix A

User Supplied Documents

Commitment for Title Insurance

Title Officer:
Email:
Title No.: 210608-SC

Property Address:

Introducing LiveLOOK

LiveLOOK title document delivery system is designed to provide 24/7 real-time access to all information related to a title insurance transaction.

Access title reports, exception documents, an easy-to-use summary page, and more, at your fingertips and your convenience.

To view your new Chicago Title LiveLOOK report, Click Here

Effortless, Efficient, Compliant, and Accessible

PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210608-SC [ROW TD3947, TD3933]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: February 24, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: February 24, 1971 at 08:00 AM
Ending date: February 24, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

(continued)

1. Short Form Lease:

Lessor:	Puget Sound Power and Light Company
Lessee:	John O. Bull and Belva Lee Bull, his wife
Recorded:	November 1, 1971
Recording No.:	2418176

2. Short Form Lease:

Lessor:	Puget Sound Power and Light Company
Lessee:	John O. Bull and Belva Lee Bull, his wife
Recorded:	October 12, 1976
Recording No.:	2694438

3. Quit Claim Deed:

Grantor:	Puget Sound Power and Light Company
Grantee:	Puget Western, Inc.
Recorded:	December 31, 1984
Recording No.:	8412310209

4. Quit Claim Deed:

Grantor:	Puget Western, Inc.
Grantee:	Thorp Properties, Inc.
Recorded:	January 26, 1990
Recording No.:	9001260413

5. Memorandum of Lease:

Lessor:	Thorp Properties, Inc.
Lessee:	South Center Oil, Inc.
Recording Date:	June 22, 1990
Recording No.:	9006220199

Amendment and Subordination of Lease:

Recording Date:	September 14, 1990
Recording No.:	9009140136

EXHIBIT "A"

Legal Description

PARCEL1:

That portion of the Southeast quarter of the Southwest quarter of Section 1, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, lying South of the South line of Pacific Highway East;

Except that portion lying East of the West 794.5 feet thereof;

And except the West 514.5 feet thereof.

Together with that portion of vacated P.S.H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

PARCEL 2:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian described as follows:

Beginning at a point on the South line of said Section which is East 241.5 foot from the Southwest corner of the Southeast quarter of the Southwest quarter of 3aid Section 1;
Thence East along said South line 273 feet;
Thence Northerly parallel with the West line of said subdivision to the South margin of Pacific Highway;
Thence Westerly along said margin 273 feet;
Thence Southerly to the point of beginning;

Together with that portion of vacated P.S.H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

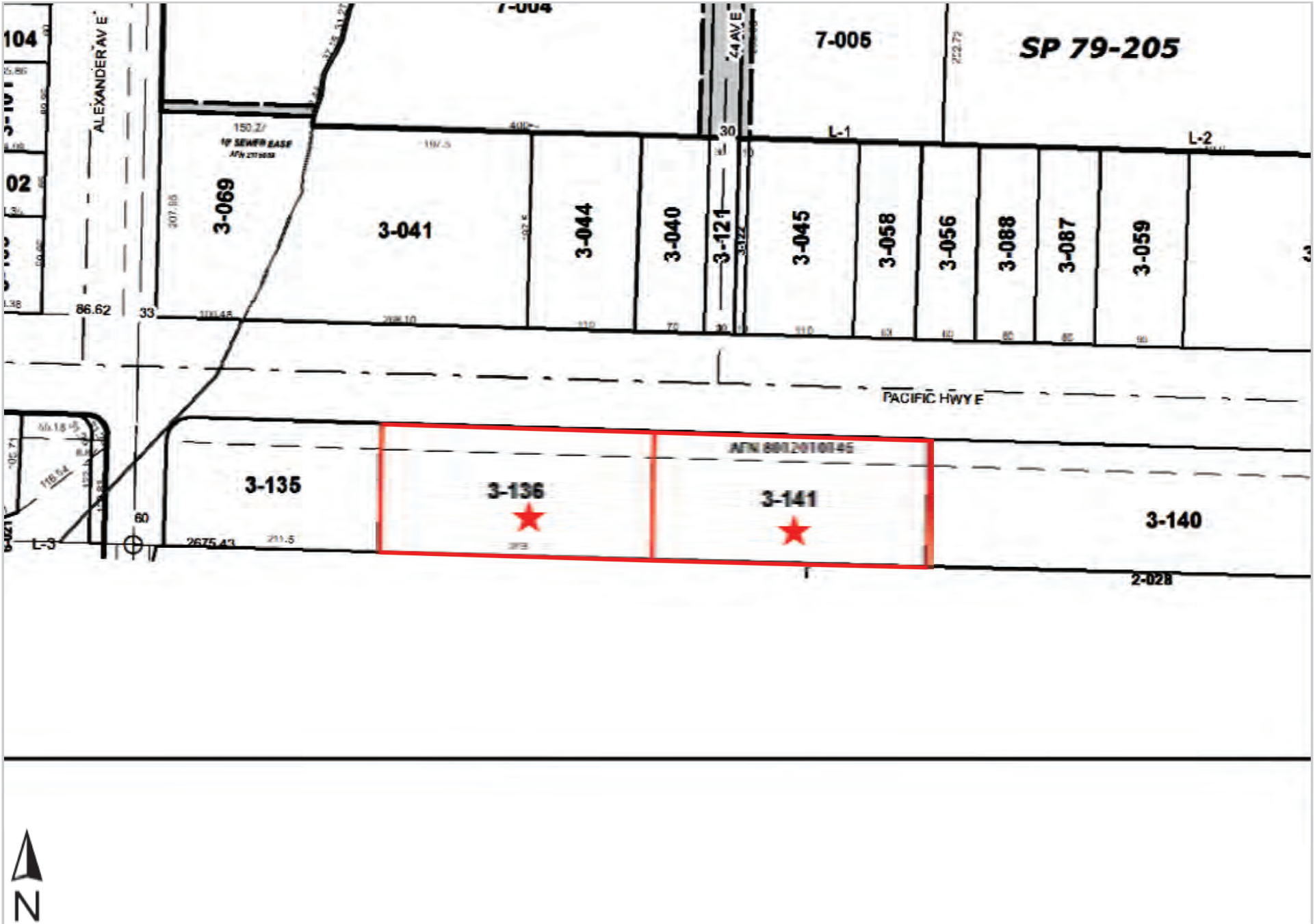

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

2418176

SHORT FORM LEASE

THIS INDENTURE, being a SHORT FORM LEASE, dated as of October 17, 1971, by and between PUGET SOUND POWER & LIGHT COMPANY, a Washington corporation (herein called Lessor) and JOHN O. BULL and BELVA LEE BULL, his wife, (herein called Lessee);

The Lessor in consideration of the rents reserved, hereinafter referred to, and of the terms, covenants, conditions and agreements on the part of the Lessee, does hereby lease unto the Lessee, and the Lessee does hereby hire from Lessor, the following described real property (hereinafter called the Premises) situated in Pierce County, Washington:

A portion of the former Puget Sound Electric Railway right of way in Section 1, Township 20 North, Range 3 East, W.M., more particularly described as follows:

Beginning at a point 5 feet north and 514.5 feet east of the southwest corner of the Southeast 1/4 of the Southwest 1/4 of said Section 1; thence continuing east 5 feet north of and parallel to the south line of said Section 1, a distance of 150 feet; thence northerly 95 feet to the south line of Pacific Highway East; thence west along the south line of Pacific Highway East 150 feet; thence southerly 95 feet to the point of beginning.

TO HAVE AND TO HOLD the Premises for an initial term commencing July 1, 1971, and ending on June 30, 1976, upon the rents, terms, covenants and conditions in a certain collateral lease agreement between the parties hereto and bearing even date herewith.

Said collateral lease agreement containing a covenant by Lessee that at the expiration or sooner termination of this lease all improvements on and to the Premises, whether presently existing or subsequently installed, shall become the property of the Lessor.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

PUGET SOUND POWER & LIGHT COMPANY

By Leslie A. Donner
Manager, Real Estate Division
LESSOR

EXCISE TAX PAID $ None
REC. NO. 302645 DATE 11-1-71
MAURICE RAYMOND Pierce Co. Treas.
By R. Beeson DEPUTY

John O. Bull
John O. Bull

Belva Lee Bull
Belva Lee Bull
LESSEE

Filed for record NOV 1 1971 at 12 o'clock P.M.
Request of Puget Sound Pr & Lt Co.
Richard A. Greco, Pierce County Auditor

STATE OF WASHINGTON)
)ss.
COUNTY OF King)

On this 17th day of October, 1971, before me, the undersigned, personally appeared LESLIE A. DONNER, to me known to be the Manager, Real Estate Division, of PUGET SOUND POWER & LIGHT COMPANY, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

Witness my hand and official seal hereto affixed the day and year first above written.

KENT A. MEEK NOTARY PUBLIC STATE OF WASHINGTON MY COMMISSION EXPIRES AUG. 26, 1972

Kent A. Meek
Notary Public in and for the State of Washington, residing at Redmond, Wn.

Lease No. 01-20-03-0941

1-2

2694438

SHORT FORM LEASE

THIS INDENTURE, being a SHORT FORM LEASE, dated as of October 4, 1976, by and between PUGET SOUND POWER & LIGHT COMPANY, a Washington corporation (herein called "Lessor") and JOHN O. BULL and BELVA LEE BULL, his wife, (herein called "Lessee");

The Lessor in consideration of the rents reserved, hereinafter referred to, and of the terms, covenants, conditions and agreements on the part of the Lessee, does hereby lease unto the Lessee, and the Lessee does hereby hire from Lessor, the following described real property (hereinafter called the Premises) situated in Pierce County, Washington:

A portion of the former Puget Sound Electric Railway right of way in Section 1, Township 20 North, Range 3 East, W.M., more particularly described as follows:

Beginning at a point 5 feet north and 514.5 feet east of the southwest corner of the Southeast 1/4 of the Southwest 1/4 of said Section 1; thence continuing east 5 feet north of and parallel to the south line of said Section 1, a distance of 150 feet; thence northerly 95 feet to the south line of Pacific Highway East; thence west along the south line of Pacific Highway East 150 feet; thence southerly 95 feet to the point of beginning.

TO HAVE AND TO HOLD the Premises for a period commencing July 1, 1976, and ending on June 30, 1986, upon the rents, terms, covenants and conditions in a certain collateral lease agreement between the parties hereto and bearing even date herewith.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year first above written.

PUGET SOUND POWER & LIGHT COMPANY

By Leslie A. Donner
Manager, Real Estate Division
LESSOR

John O. Bull
John O. Bull

Belva Lee Bull
Belva Lee Bull
LESSEE

STATE OF WASHINGTON)
) SS.
COUNTY OF KING)

On this 4th day of October, 1976, before me, the undersigned, personally appeared LESLIE A. DONNER, to me known to be the Manager, Real Estate Division, of PUGET SOUND POWER & LIGHT COMPANY, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and volutnary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

WITNESS my hand and official hereto affixed the day and year first above written.

William K. Arthur
Notary Public in and for the State of Washington, residing at Kirkland

2694438

STATE OF WASHINGTON)
Pierce) SS.
COUNTY OF ~~KING~~)

On this day personally appeared before me JOHN O. BULL and BELVA LEE BULL, to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 29th day of September, 1976.

Notary Public in and for the State of Washington, residing at Tacoma

Recorded OCT 12 1976 Time 8:43 am
At the Pierce County Auditor's Office
Richard A. Greco, Auditor
By Deputy Auditor

8412310209

VOL 235 PAGE 799

PUGET POWER

THIS SPACE RESERVED FOR RECORDER'S USE

RECORDED
DEC 31 1984
84 DEC 31 A 9: 47
RICHARD A. GREGG AUDITOR
PIERCE COUNTY WASH
DEPUTY

Filed for Record at Request of

NAME PUGET WESTERN, INC.
ADDRESS PUGET POWER BUILDING
CITY AND STATE BELLEVUE, WA 98009

Quit Claim Deed

THE GRANTOR, PUGET SOUND POWER & LIGHT COMPANY, a Washington corporation, for and in consideration of Ten Dollars & NO/100 ($10.00) and other good and valuable consideration conveys and quit claims to PUGET WESTERN, INC., a Washington corporation the following described real estate, situated in the County of Pierce State of Washington:

See attached EXHIBIT "A"

625341 None 12-31-84
Ranovano-Pua

IN WITNESS WHEREOF, said corporation has caused this instrument to be executed by its proper officer this 31ST day of DECEMBER, 1984.

PUGET SOUND POWER & LIGHT COMPANY
By Wm. K. Arthur
Title Director Real Estate

STATE OF WASHINGTON)
) SS.
COUNTY OF KING)

On this 31ST day of December, 1984, before me, the undersigned, WM. K. ARTHUR, to me known to be the Director Real Estate of PUGET SOUND POWER & LIGHT COMPANY, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

WITNESS my hand and official seal hereto affixed the day and year first above written.

Robert B. Boyd
Notary Public in and for the State of
Washington, residing at Lynnwood

9—

Mail To:
PUGET POWER & LIGHT
P. O. BOX 287 OLYMPIA, WA. 98507

EXHIBIT "A"

QUIT CLAIM DEED
PUGET SOUND POWER & LIGHT CO. TO PUGET WESTERN, INC.
DATED December 31, 1984

PIERCE COUNTY, PAGE 1 of 6

P.S.E. FIFE PROPERTY (EAST OF 62ND AVENUE EAST)

A 100 foot wide strip of land in the South half of the South half of the Southeast Quarter of Section 6, Township 20 North, Range 4 East of the W.M. being a strip of land 50 feet on either side of the following described center line:

Beginning on the West line of the Southeast Quarter at a point 50 feet North of the Southwest corner and the Point of Beginning; thence East parallel with the South line of said section 1994.27 feet more or less to a point; thence continue East along a 02 degree curve to the left 671.1 feet to an intersection with the East line of said section at a point 176 feet more or less North of the Southeast corner; EXCEPT that portion lying within State Road No. 1;

Situate in the County of Pierce, State of Washington.

SUBJECT TO:

1. Easement for sanitary sewer recorded under Pierce County Recording No. 2464173.

2. Condemnation by State of Washington for right of access, light, view, and air entered June 23, 1960 in Pierce County Superior Court Cause No. 142939.

AM-6076 Initials

EXHIBIT "A"

QUIT CLAIM DEED
PUGET SOUND POWER & LIGHT CO. TO PUGET WESTERN, INC.
DATED DECEMBER 31, 1984

PIERCE COUNTY, PAGE 2 of 6

P.S.E. FIFE PROPERTY (ADJACENT TO DRIVE-IN THEATER)

The East 604 feet of the West 1,268.5 feet of that portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian lying South of the South line of Pacific Highway East.

Together with that portion of vacated P.S.H. 1 (Pacific Highway) adjoining, as vacated under Ordinance No. 558 of the City of Fife, which upon vacation, attached to said property by operation of law.

All situate in County of Pierce, State of Washington.

SUBJECT TO:

1. Easement for utilities recorded under Pierce County Recording No. 8012010146.

Initials

AM-6076

EXHIBIT "A"

QUIT CLAIM DEED
PUGET SOUND POWER & LIGHT CO. TO PUGET WESTERN, INC.
DATED DECEMBER 31, 1984

PIERCE COUNTY, PAGE 3 of 6

P.S.E. FIFE PROPERTY (CLAY ART)

That portion of the Southeast quarter of the Southwest quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian, lying South of the South line of Pacific Highway East.

EXCEPT the East 604 feet of the West 1,268.50 feet thereof, and

EXCEPT the West 514.50 feet thereof;

Together with that portion of vacated P.S.H. 1 (Pacific Highway) adjoining, as vacated under Ordinance No. 558 of the City of Fife, which upon vacation, attached to said property by operation of law.

All situate in the County of Pierce, State of Washington.

SUBJECT TO:

1. Easement for utilities recorded under Pierce County Recording No. 8012010146.

2. Lease recorded under Pierce County Recording No. 2694438, Lessee's interest held by Clay Art Center, Inc., a Washington corporation.

Initials

AM-6076

EXHIBIT "A"

QUIT CLAIM DEED
PUGET SOUND POWER & LIGHT CO. TO PUGET WESTERN, INC.
DATED DECEMBER 31, 1984

PIERCE COUNTY, PAGE 4 of 6

P.S.E. FIFE PROPERTY (HERGERT)

That portion of the southeast quarter of the southwest quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian, lying south of the south line of Pacific Highway East.

EXCEPT the East 754 feet of the West 1,268.50 feet thereof, and

EXCEPT the West 216.50 feet thereof;

Together with that portion of vacated P.S.H. 1 (Pacific Highway) adjoining, as vacated under Ordinance No. 558 of the City of Fife, which upon vacation, attached to said property by operation of law.

All situated in the County of Pierce, State of Washington.

SUBJECT TO:

1. Easement for utilities recorded under Pierce County Recording No. 8012010146.

2. Easement for sewer line recorded under Pierce County Recording No. 2115078.

Initials

AM-6076

EXHIBIT "A"

QUIT CLAIM DEED
PUGET SOUND POWER & LIGHT CO. TO PUGET WESTERN, INC.
DATED DECEMBER 31, 1984

PIERCE COUNTY, PAGE 5 of 6

P.S.E. FIFE PROPERTY (FLOYD)

Parcel A:

Beginning at a point on the South line of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, 45 feet East of the Southwest corner thereof; thence continue East on said South line 600 feet; thence North 100 feet more or less to the South line of Old Pacific Highway; thence West along said South line of Old Pacific Highway 545 feet; thence South 45°22'50" West 80 feet more or less to a point 45 feet East of the West line of said Section 2; thence South parallel with said South line of Section to the Point of Beginning.

Parcel B:

Commencing at the Southwest corner of the Southwest quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian; thence East on the South line of said Southwest Quarter 645 feet to the Point of Beginning; thence continue East on said South line to intersect a line 240 feet West of the Southwest quarter of the Southwest quarter; thence North on said line, 100 feet to intersect the south line of Old Pacific Highway #1; thence West on said South line to intersect a line North of the Point of Beginning; thence South on said line to the point of beginning.

All situate in the County of Pierce, State of Washington.

SUBJECT TO: None

Initials

AM-6076

EXHIBIT "A"

QUIT CLAIM DEED
PUGET SOUND POWER & LIGHT CO. TO PUGET WESTERN, INC.
DATED DECEMBER 31, 1984

PIERCE COUNTY, PAGE 6 of 6

CLOVER CREEK PROPERTY

That part of the following described property lying East of Waller Road extension and North of Military Road:

Beginning at the stone monument at the Northwest corner of the Northeast Quarter of Section 26, Township 19 North, Range 3 East of the W.M., in Pierce County, Washington; thence Southerly along the West line of said Subdivision, 1390.16 feet to the TRUE POINT OF BEGINNING; thence Easterly at right angles to said West line of said subdivision 200 feet; thence Southerly parallel to said West line of said subdivision to the center line of Military Road; thence Northwesterly along said center line of Military Road to the West line of said subdivision; thence North 248.40 feet to the POINT OF BEGINNING.

SUBJECT TO: None

Initials

AM-6076

9001260413

VOL. 0589 PAGE 1873

THIS SPACE RESERVED FOR RECORDER USE

90 JAN 26 PM 2:05

FILED
BRIAN SONNTAG
AUDITOR, PIERCE CO. WASH

PUGET WESTERN, INC.

Filed for Record at Request of:

NAME NORTHWEST ESCROWS OF BELLEVUE, INC.
ADDRESS 12453 BELL-RED ROAD, SUITE C.
CITY AND STATE BELLEVUE, WA 98005-2544 ESCROW #7848

Rte 89-40164

Quit Claim Deed

THE GRANTOR, PUGET WESTERN, INC., a Washington corporation, for and in consideration of TEN and NO/100 Dollars ($10.00) and other good and valuable consideration quit claims to THORP PROPERTIES, INC. the following described real estate, situated in the County of Pierce State of Washington:

ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

EXCISE TAX PAID $ 6175.23
Rec. No. 246629 Date 1-26-90
Pierce County
By E Drury Auth. Sig

SUBJECT TO ALL EASEMENTS, RESERVATIONS AND RESTRICTIONS OF RECORD, IF ANY.

IN WITNESS WHEREOF, said corporation has caused this instrument to be executed by its proper officer this 23rd day of JANUARY, 19 90.

PUGET WESTERN, INC.
By W E Watson
PRESIDENT

By

STATE OF WASHINGTON
COUNTY OF King } ss.

CORPORATE ACKNOWLEDGMENT

On this 23rd day of JANUARY, 19 90, before me, the undersigned, personally appeared W. E. Watson ~~and~~, to me known to be the President ~~and~~ ~~respectively~~ of Puget Western Inc., the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he was authorized to execute the said instrument.

WITNESS my hand and official seal hereto affixed the day and year first above written.

8-

9001260413

R.B. Boyd
Notary Public in and for the State of Washington, residing at Lynnwood
8-1-93

PARCEL 1:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, lying South of the South line of Pacific Highway East;

Except that portion lying East of the West 794.5 feet thereof;

AND except the West 514.5 feet thereof.

Together with that portion of vacated P. S. H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

Situate in the County of Pierce, State of Washington.

PARCEL 2:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian, described as follows:

Beginning at a point on the South line of said Section which is East 241.5 feet from the Southwest corner of the Southeast Quarter of the Southwest Quarter of said Section 1;
Thence East along said South line 273 feet;
Thence northerly parallel with the West line of said subdivision to the South margin of Pacific Highway;
Thence westerly along said margin 273 feet;
Thence southerly to the point of beginning;

Together with that portion of vacated P. S. H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

Initials

Situate in the County of Pierce, State of Washington.

9001260413

9006220199

VOL 619 PAGE 1905
RECEIVED
JUN 06 1990

9040266
R.T.C.
90 JUN 22 AM 11:01

FILED
BRIAN SONNTAG
AUDITOR PIERCE CO. WASH

#3

RECORDING REQUESTED BY AND WHEN
RECORDED RETURN TO:

U.S. BANK OF WASHINGTON, NATIONAL
ASSOCIATION C/O U.S. BANCORP MORTGAGE COMPANY
Attention: Deanne Hildebrand
555 S.W. Oak
Portland, Oregon 97204

For reference only, not for re-sale.

UNOFFICIAL DOCUMENT

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE, made as of June 5, 1990, by and between THORP PROPERTIES, INC., a Washington corporation, hereinafter called Landlord, and SOUTH CENTER OIL, INC., a Washington corporation, hereinafter called Tenant;

W I T N E S S E T H:

WHEREAS, Landlord and Tenant did enter into a certain lease on or about March 1, 1990, concerning premises situated at 4310 Pacific Highway East, Fife, Pierce County, Washington, upon the terms, covenants and conditions therein set forth;

NOW, THEREFORE, in consideration of the rents in that certain Lease between the parties dated March 1, 1990, and the terms, covenants, conditions and agreements on the part of Tenant therein, Landlord leases to Tenant real property in the County of Pierce, State of Washington, and more particularly described on Exhibit "A" attached hereto and by this reference made a part hereof; together with all and singular the building or buildings, privileges and advantages, with any and all appurtenances belonging or in any way appertaining thereto.

11

9006220199

THIS INSTRUMENT is merely a memorandum of the aforesaid Lease and is subject to all of the terms and conditions thereof. In the event of any inconsistency between the terms of this instrument and said Lease, the terms of said Lease shall prevail as between the parties hereof.

LANDLORD:

THORP PROPERTIES, INC., a Washington corporation

By: _____ Pres.
JAMES W. THORP, President

By: _____
Its: Sec.

TENANT:

SOUTH CENTER OIL, INC., a Washington corporation

By: _____
Its: Pres.

By: _____
Its: Secretary

4/23/90
lon204

9006220199

For reference only, not for re-sale.

Unofficial Document

STATE OF WASHINGTON)
) ss.
County of KING)

I certify that I know or have satisfactory evidence that JAMES W. THORP signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the President of THORP PROPERTIES, INC., a Washington corporation to be the free and voluntary act of such corporation, for the uses and purposes mentioned in the instrument.

DATED: June 14, 1990

NOTARY PUBLIC in and for the State of Washington, residing at Seattle

My appointment expires: 8/23/90

STATE OF WASHINGTON)
) ss.
County of KING)

I certify that I know or have satisfactory evidence that James W. Thorp signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the Secretary of THORP PROPERTIES, INC., a Washington corporation to be the free and voluntary act of such corporation, for the uses and purposes mentioned in the instrument.

DATED: June 14, 1990

NOTARY PUBLIC in and for the State of Washington, residing at Seattle

My appointment expires: 8/23/90

9006220199

For reference only, not for re-sale.

STATE OF WASHINGTON)
) ss.
County of KING)

I certify that I know or have satisfactory evidence that [illegible] signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the President of SOUTH CENTER OIL, INC., a Washington corporation to be the free and voluntary act of such corporation, for the uses and purposes mentioned in the instrument.

DATED: June 14th 1990

[illegible]
NOTARY PUBLIC in and for the State of Washington, residing at Seattle

My appointment expires: 8/23/90

STATE OF WASHINGTON)
) ss.
County of King)

I certify that I know or have satisfactory evidence that Marjorie Johnson signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the Secretary of SOUTH CENTER OIL, INC., a Washington corporation to be the free and voluntary act of such corporation, for the uses and purposes mentioned in the instrument.

DATED: June 14, 1990

[illegible]
NOTARY PUBLIC in and for the State of Washington, residing at Seattle

My appointment expires: 8/23/90

9006220199

For reference only, not for re-sale.

Unofficial Document

EXHIBIT "A"

Legal Description:

PARCEL 1:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, lying South of the South line of Pacific Highway East;

Except that portion lying East of the West 794.5 feet thereof;

And except the West 514.5 feet thereof.

Together with that portion of vacated P. S. H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

And together with and subject to easement for underground drainage line as disclosed in Auditor's File No. 9001260414.

Situate in the County of Pierce, State of Washington.

PARCEL 2:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian, described as follows:

Beginning at a point on the South line of said Section which is East 241.5 feet from the Southwest corner of the Southeast Quarter of the Southwest Quarter of said Section 1;
Thence East along said South line 273 feet;
Thence northerly parallel with the West line of said subdivision to the South margin of Pacific Highway;
Thence westerly along said margin 273 feet;
Thence southerly to the point of beginning;

Together with that portion of vacated P. S. H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

And together with and subject to easement for underground drainage line as disclosed in Auditor's File No. 9001260414.

Situate in the County of Pierce, State of Washington.

9006220199

For reference only, not for re-sale.

90-40310

AMENDMENT OF LEASE AND SUBORDINATION OF LEASE

Thorp Properties, Inc., a Washington corporation, leased the property described on the attached exhibit A to South Center Oil, Inc., a Washington corporation. That lease is dated March 1, 1990. The March 1, 1990 lease is hereby amended as follows:

Paragraph 3 Term is amended to read as follows:

> 3. Term. The term of this Lease shall commence on July 1, 1990, and shall terminate 20 years from the date that the Evergreen Community Development Association's debenture is sold pursuant to a United States Small Business Administration (hereafter SBA) authorization and debenture guaranty number CDC-406011-30-08-WA (hereafter "Authorization").

Paragraph 4 Rent is amended to read as follows:

> 4. Rent. Lessee shall pay to Lessor as rent for the premises equal monthly installments of $12,590, in advance of the first day of each month of the term of the lease. This amount of rent is based on estimates of the Lessor's expenses for debt service, insurance and real estate taxes for the project authorized by the SBA's Authorization. During the term of this lease the rent shall not exceed the amount permitted by the Authorization for the guaranty of a debenture to be issued by the Evergreen Community Development, the proceeds of which are to be loaned to Lessor. If the Lessor's expenses for debt service, insurance and/or real estate taxes are different from those anticipated, and when these expenses change during the term of the lease, the Lessor shall change the Lessee's monthly payment to the amount necessary to reimburse the Lessor's expenses for these costs. The amount of rent may be modified by giving the Lessee 30 days' written notice of the change in rent payments.

The undersigned also hereby subordinate the lien of their March 1, 1990 lease to the lien of $544,000 deed of trust in favor of the Evergreen Community Development Association which deed of trust will be assigned to the United States Small Business Administration. This $544,000 deed of trust in which Thorp Properties,

10

Inc. is the grantor is being recorded simultaneously with this amendment of lease and subordination of lease.

DATED this 7 day of September, 1990.

THORP PROPERTIES, INC.
(Lessor)

By James W. Thorp Pres.
James W. Thorp, President

SOUTH CENTER OIL, INC.
(Lessee)

By James W. Thorp Pres.
James W. Thorp, President

State of Washington)
) ss.
County of King)

I certify that I know or have satisfactory evidence that James W. Thorp signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the President of Thorp Properties, Inc., to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

(Seal or Stamp)

Dated September 07 1990

Joan M. Hoffman
NOTARY PUBLIC in and for the State of Washington, residing at _____

My appointment expires 04.07.93

State of Washington)
) ss.
County of King)

I certify that I know or have satisfactory evidence that James W. Thorp signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the President of South Center Oil, Inc., to be the free and voluntary

act of such party for the uses and purposes mentioned in the instrument.

(Seal or stamp)

JOANNE M. HOFFMAN
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
6-7-93

Dated September 07, 1990

Joan M. Hoffman
NOTARY PUBLIC in and for the State of Washington, residing at Auburn, WA

My appointment expires 06-07-93

\dfs\24.4

90 SEP 14 AM 10:40

9009140136

Thorp Properties, Inc.
Exhibit A

PARCEL 1:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, lying South of the South line of Pacific Highway East;

Except that portion lying East of the West 794.5 feet thereof;

AND except the West 514.5 feet thereof.

Together with that portion of vacated P. S. H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

Situate in the County of Pierce, State of Washington.

PARCEL 2:

That portion of the Southeast Quarter of the Southwest Quarter of Section 1, Township 20 North, Range 3 East of the Willamette Meridian, described as follows:

Beginning at a point on the South line of said Section which is East 241.5 feet from the Southwest corner of the Southeast Quarter of the Southwest Quarter of said Section 1;
Thence East along said South line 273 feet;
Thence northerly parallel with the West line of said subdivision to the South margin of Pacific Highway;
Thence westerly along said margin 273 feet;
Thence southerly to the point of beginning;

Together with that portion of vacated P. S. H. 1 (Pacific Highway) adjoining as vacated under Ordinance No. 558 of the City of Fife which upon vacation attached to said property by operation of law.

Situate in the County of Pierce, State of Washington.

9009140136

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***Gull Station, TD 3947, 3933***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   __No_____

2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? __ No
   _____

3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? ___ No
   _____

4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? ___ No
   _____

5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? _I am not aware of the purchase price_____

6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? __ No
   _____

   For example, as user,

   (a) do you know the past uses of the property? _ No
   _____

   (b) do you know of specific chemicals that are present or once were present at the property? _ No
   _____

   (c) do you know of spills or other chemical releases that have taken place at the property? __ No
   _____

   (d) do you know of any environmental cleanups that have taken place at the property? _ No
   _____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? _ No
   _____

Appendix B

EDR Radius Map Report

PACIFIC XPRESS
4310 PACIFIC HWY E
Tacoma, WA 98424

Inquiry Number: 6218053.2s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings Summary	4
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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4310 PACIFIC HWY E
TACOMA, WA 98424

COORDINATES

Latitude (North):	47.2427950 - 47˚ 14' 34.06''
Longitude (West):	122.3713190 - 122˚ 22' 16.74''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	547580.3
UTM Y (Meters):	5232118.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005097 PUYALLUP, WA
Version Date:	2014
Northeast Map:	6005095 POVERTY BAY, WA
Version Date:	2014
Southwest Map:	6005109 TACOMA SOUTH, WA
Version Date:	2014
Northwest Map:	6005511 TACOMA NORTH, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
4310 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	PACIFIC XPRESS	4310 PACIFIC HWY E	WA CSCSL, WA ALLSITES, WA SPILLS, WA Financial...		TP
A2	PACIFIC XPRESS	4310 PACIFIC HWY E	FINDS		TP
A3	EXPRESS STOP	4310 PACIFIC HWY E	EDR Hist Auto		TP
A4	PETROCARD INC	4310 PACIFIC HWY E	WA UST		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1 ft.
B5	FIFE TRANSMISSIONS	4401 PACIFIC HWY E	EDR Hist Auto	Higher	92, 0.017, ENE
B6	GENERAL WELDING SUPP	4405 PACIFIC HWY E	WA ALLSITES, FINDS	Higher	109, 0.021, ENE
C7	PETROLEUM PRODUCTS I	4419 PACIFIC HWY E	EDR Hist Auto	Higher	168, 0.032, ENE
C8	VERIZON WIRELESS FIF	4501 PACIFIC HWY E	WA ALLSITES, WA SPILLS, WA ASBESTOS	Higher	231, 0.044, ENE
C9	M BEST CLEANERS CLEA	4420 PACIFIC HWY E	EDR Hist Cleaner	Higher	232, 0.044, East
D10	LARSON AUTOMOTIVE FI	1701 ALEXANDER AVE E	WA ALLSITES	Higher	363, 0.069, SW
E11	PERNELLE TURNIPSEED	1502 44TH AVE. E.	INDIAN UST	Higher	409, 0.077, NNE
F12	SUSAN KAELIN PROPERT	1409 ALEXANDER AVE E	WA ALLSITES, WA CSCSL NFA	Lower	471, 0.089, NW
F13	SUSAN KAELIN PROPERT	1409 ALEXANDER AVE E	WA VCP	Lower	471, 0.089, NW
G14	AUTOMOTIVE ENVIRONME	4500 15TH AVE NE, UN	WA ALLSITES, FINDS, ECHO	Higher	503, 0.095, NE
G15	AUTOMOTIVE ENVIRONME	4500 15TH ST E STE A	RCRA NonGen / NLR, WA MANIFEST	Higher	503, 0.095, NE
D16	NISSAN OF FIFE	1700 ALEXANDER AVE E	WA ALLSITES	Higher	512, 0.097, SW
E17	B & J BINGO	4401 15TH ST E	WA UST, WA ALLSITES	Higher	573, 0.109, NNE
G18	TT2 APR FORWARDERS I	4503 15TH ST E	WA UST, WA ALLSITES	Higher	597, 0.113, NE
19	GCR TIRE CENTER 4247	4107 PACIFIC HWY E	WA ALLSITES, WA ASBESTOS	Higher	605, 0.115, WNW
20	WESTERN PETERBILT IN	1410 46TH AVE E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	627, 0.119, ENE
H21	BUCKYS FIFE	4600 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	631, 0.120, East
H22	B BUCKYS MUFFLERS BR	4600 PACIFIC HWY E	EDR Hist Auto	Higher	631, 0.120, East
H23	OLSONS BODY SHOP	4602 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	635, 0.120, East
24	JAGUAR LANDROVER VOL	1601 40TH AVE CT E	WA ALLSITES	Higher	695, 0.132, West
H25	VETERANS INDEPENDENT	4630 16TH ST E STE B	RCRA-VSQG, WA ALLSITES, FINDS, ECHO, WA MANIFEST	Higher	701, 0.133, East
H26	PM TESTING LAB INC	4630 16TH ST E STE B	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	701, 0.133, East
H27	JIFFY LUBE 3178	4670 PACIFIC HWY E	WA ALLSITES	Higher	761, 0.144, East
28	RUSHFORTH CONSTRUCTI	1308 ALEXANDER AVE E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	842, 0.159, NNW
I29	DAVIS PROPERTY	1408 47TH AVE E	WA ALLSITES, WA CSCSL NFA, FINDS	Higher	876, 0.166, ENE
I30	DAVIS PROPERTY	1408 47TH AVE E	WA VCP	Higher	876, 0.166, ENE
31	BERTOLINI INDUSTRIES	1222 46TH AVE E	WA INST CONTROL, WA ICR, WA ALLSITES, WA CSCSL...	Higher	914, 0.173, NNE
J32	PM TESTING LAB INC P	3921 PACIFIC HWY E	RCRA-LQG, WA ALLSITES, WA CSCSL NFA, FINDS, ECHO,...	Higher	930, 0.176, West
J33	PM TESTING LAB INC P	3921 PACIFIC HWY E	WA VCP	Higher	930, 0.176, West
34	LEXUS OF TACOMA AT F	1708 40TH AVE CT E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	933, 0.177, WSW
K35	ATLANTIC RICHFIELD C	4716 PACIFIC HWY E	WA UST	Lower	942, 0.178, East
K36	ARCO 5658 PSI 5328	4716 PACIFIC HWY E	WA VCP	Lower	942, 0.178, East
K37	ARCO 5658 PSI 5328	4716 PACIFIC HWY E	WA LUST, WA ALLSITES, WA CSCSL NFA, RCRA NonGen /...	Lower	942, 0.178, East
K38	ARCO #5658 (TWO REPO	4716 PACIFIC HWY E.	WA ICR	Lower	942, 0.178, East

MAPPED SITES SUMMARY

Target Property Address:
4310 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
39	BMW NORTHWEST VEHICL	1902 GOLDAU RD E	WA ALLSITES	Higher	1092, 0.207, SSW
K40	CAMPING WORLD	4650 16TH ST	WA ALLSITES	Higher	1094, 0.207, East
41	EXIDE CORP FIFE DUPL	2001 48TH AVE CT E S	WA ALLSITES, FINDS	Higher	1109, 0.210, SE
L42	PETARCIK SITE	911 PACIFIC HWY E	SEMS	Lower	1189, 0.225, East
L43	PETARCIK SITE	911 PACIFIC HWY E	WA CSCSL, WA ALLSITES, FINDS	Lower	1189, 0.225, East
44	LEXUS OF FIFE PARKIN	3914 PACIFIC HWY E	WA ALLSITES	Higher	1191, 0.226, WSW
L45	SOUND ANALYTICAL SER	4813 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1217, 0.230, East
M46	BMW NORTHWEST INC	4011 20TH ST E	WA ALLSITES	Higher	1252, 0.237, SSW
M47	BMW NORTHWEST INC	4011 20TH ST E	RCRA NonGen / NLR, FINDS, ECHO	Higher	1252, 0.237, SSW
48	HONDA OF FIFE	4301 20TH ST E	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES,...	Higher	1260, 0.239, South
N49	HERTZ EQUIPMENT RENT	4403 20TH ST E	WA ALLSITES, WA SPILLS, RCRA NonGen / NLR, FINDS,...	Higher	1277, 0.242, South
50	JET AUTO WRECKING	3901 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA	Higher	1304, 0.247, West
N51	GENSCO INC	4402 20TH ST E	WA UST, WA ALLSITES, FINDS, ECHO, WA ASBESTOS	Higher	1391, 0.263, South
O52	HOLLY MARINA	4001 20TH NE	WA CSCSL, WA LUST, WA ICR, WA ALLSITES	Higher	1402, 0.266, SW
O53	HAWLEY MARINE	4001 20TH NE	WA VCP	Higher	1402, 0.266, SW
P54	GARDENVILLE GREENHOU	4508 20TH ST E	WA ALLSITES, FINDS, ECHO	Higher	1411, 0.267, SSE
P55	MIZUKAMI PROJECT	4524 20TH ST E	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA	Higher	1427, 0.270, SSE
P56	MIZUKAMI PROJECT	4524 20TH ST E	WA VCP	Higher	1427, 0.270, SSE
57	COSTCO BUSINESS CENT	3900 20TH ST E	WA ALLSITES, WA MANIFEST	Higher	1471, 0.279, SSW
58	LEXUS OF TACOMA AT F	4609 20TH ST E	WA ALLSITES	Higher	1540, 0.292, SE
Q59	INFINITI OF TACOMA A	4902 PACIFIC HWY E	WA ALLSITES	Lower	1614, 0.306, East
Q60	ECOLOGICAL INDUSTRIE	5007 PACIFIC HWY STE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1659, 0.314, East
Q61	NAUTILUS ENVIRONMENT	5009 PACIFIC HWY E S	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	1663, 0.315, East
R62	NORTHWEST MINI	3901 20TH ST E	WA ALLSITES	Higher	1691, 0.320, SW
63	COAST ENGINE & EQUIP	4012 SR 509 S FRONTA	WA VCP	Higher	1736, 0.329, NW
64	PIER 3 & 4 DREDGE MA	4801 E 12TH ST	WA ALLSITES	Lower	1771, 0.335, NE
Q65	KIRK CO SUMNER	520 PACIFIC HWY S	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1777, 0.337, East
R66	MORNING SUN INC	3500 20TH ST E BLDG	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	1778, 0.337, SW
S67	SERVPRO OF TACOMA	5013 PACIFIC HWY E	WA ALLSITES	Lower	1785, 0.338, ENE
S68	SIFCO SELECTIVE PLAT	5013 PACIFIC HWY E S	WA ALLSITES, RCRA NonGen / NLR, CA HAZNET, WA...	Lower	1785, 0.338, ENE
S69	LINCARE FIFE	5013 PACIFIC HWY E S	WA ALLSITES, FINDS	Lower	1785, 0.338, ENE
S70	SPECTRA LABORATORIES	5013 PACIFIC HWY E 1	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1785, 0.338, ENE
T71	BREMERTON TACOMA STA	3801 20TH AVE E	WA CSCSL, WA UST, WA ALLSITES, FINDS	Higher	1862, 0.353, SW
T72	CAPPA PROPERTY	3801 20TH ST E	WA VCP	Higher	1862, 0.353, SW
73	PORTAC INC TACOMA	4215 SR 509 E FRONTA	WA CSCSL, WA ALLSITES, WA MANIFEST	Lower	1910, 0.362, North
U74	MARINE TERMINAL CORP	4015 SR 509 N FRONTA	WA ALLSITES, WA MANIFEST	Higher	1910, 0.362, NNW
U75	AUTO WAREHOUSING CO	3715 E WEST RD	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	1956, 0.370, NNW
76	HOGAN PARKING LOT	1710 51ST AVE E	WA ALLSITES	Lower	1977, 0.374, East
V77	COLUMBIA INSPECTION	4901 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	1982, 0.375, SE

MAPPED SITES SUMMARY

Target Property Address:
4310 PACIFIC HWY E
TACOMA, WA 98424

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
W78	FIFE CITY STREETWAST	3725 PACIFIC HWY E	WA SWF/LF	Higher	2010, 0.381, WNW
W79	FIFE VEHICLE DIV & D	3725 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2010, 0.381, WNW
V80	WARTHOG	4921 20TH ST E	WA ALLSITES	Higher	2041, 0.387, ESE
81	ABRA AUTO BODY AND G	3909 PACIFIC HWY E	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS, CA...	Higher	2080, 0.394, WNW
82	GERBER COLLISION & G	3701 20TH ST SE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2112, 0.400, SW
X83	CUMMINS NW INC	3701 PACIFIC HWY E	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA, RCRA...	Higher	2140, 0.405, West
X84	CUMMINS NW INC	3701 PACIFIC HWY E	WA VCP	Higher	2140, 0.405, West
Y85	HOMETEL INN	3520 PACIFIC HWY E	WA VCP	Higher	2141, 0.405, West
Y86	HOMETEL INN	3520 PACIFIC HWY E	WA CSCSL, WA ALLSITES, FINDS	Higher	2141, 0.405, West
X87	TACOMA PORT MOTOR IN	3518 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2173, 0.412, West
88	PRECISION MACHINE WO	4101 D INDUSTRY DR E	RCRA-SQG, WA ALLSITES, FINDS, ECHO, WA MANIFEST	Higher	2189, 0.415, ESE
V89	PRECISION DOOR & CAB	4918 20TH ST E	WA ALLSITES	Higher	2217, 0.420, SE
90	UNITED PARCEL SERVIC	5101 E 12TH ST	WA ALLSITES, WA NPDES	Lower	2289, 0.434, ENE
Z91	INK INC INDUSTRY DR	3900F INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR	Higher	2293, 0.434, SSW
Z92	CLOSETMAID	3900 INDUSTRY DR E S	WA ALLSITES, FINDS	Higher	2294, 0.434, SSW
AA93	UNITED PARCEL SERVIC	5001 20TH ST. E.	WA ICR	Higher	2316, 0.439, ESE
AA94	UPS TACOMA	5001 20TH ST E	RCRA-VSQG, WA CSCSL, WA LUST, WA UST, WA ALLSITES,...	Higher	2316, 0.439, ESE
AB95	MWI VETERINARY SUPPL	4200 INDUSTRY DR E S	WA ALLSITES	Higher	2328, 0.441, SSW
96	PAPE MACHINERY TACOM	3607 20TH ST E	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2360, 0.447, WSW
AB97	SPORTSWEAR SVC	4101 INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2387, 0.452, South
AC98	CHEVRON #97376	5018 PACIFIC HWY E.	WA ICR	Lower	2389, 0.452, East
AC99	TACO BELL CHEVRON 97	5018 PACIFIC HWY E	WA VCP	Lower	2389, 0.452, East
Z100	PENSKE TRUCK LEASING	2105 FRANK ALBERT RD	WA ALLSITES, FINDS	Higher	2477, 0.469, SSW
101	FIFE CLEANERS	5121 PACIFIC HWY E S	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	2478, 0.469, East
102	KEY BANK	1323 34TH AVE E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2507, 0.475, WNW
103	AUTO WAREHOUSING CO	3715 SR 509 N FRONTA	WA ALLSITES	Lower	2512, 0.476, NW
104	PROGRESS RAIL SERVIC	4012 SR 509 S FRONTA	RCRA-SQG, WA ALLSITES, WA CSCSL NFA, FINDS, ECHO,...	Higher	2536, 0.480, WNW
AD105	FEDERAL EXPRESS CORP	3600 INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2553, 0.484, SW
AD106	COGDALL CONSTRUCTION	3600 E INDUSTRY DR E	WA ALLSITES, WA MANIFEST	Higher	2553, 0.484, SW
AE107	TOPPING VOLVO	5111 20TH ST E	RCRA-VSQG, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2563, 0.485, ESE
AE108	TOPPING VOLVO NISSAN	5111 20TH ST E	WA VCP	Higher	2563, 0.485, ESE
AE109	TOPPING VOLVO/NISSAN	5111 20TH ST. E.	WA ICR, WA ASBESTOS	Higher	2563, 0.485, ESE
110	COOPER TIRE & RUBBER	4200 D INDUSTRY DR	WA ALLSITES, FINDS	Higher	2575, 0.488, ESE
111	UPS PORT OF TACOMA	5200 12TH ST E BLDG	WA ALLSITES	Lower	2588, 0.490, ENE
AF112	PICKUP TRUCK DRUG LA	5209 PACIFIC HWY E P	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	2591, 0.491, East
AF113	CAC INC	5018 PAC HWY E	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	2597, 0.492, East
114	INDUSTRIAL RUBBER &	2105 51ST AVE E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2604, 0.493, ESE
AG115	FEDEX FREIGHT WEST F	2150 48TH AVE CT E	WA VCP	Higher	2630, 0.498, SE
AG116	GREENWOOD MOTORLINES	2150 48TH AVE CT E	RCRA-SQG, WA ALLSITES, WA CSCSL NFA, WA MANIFEST,...	Higher	2630, 0.498, SE

MAPPED SITES SUMMARY

Target Property Address:
4310 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
117	AMES INTERNATIONAL I	4401 INDUSTRY DR E	WA ALLSITES, WA SPILLS	Higher	2632, 0.498, South
AH118	FIFE RV CENTER	3410 PACIFIC HWY E	WA VCP	Higher	2633, 0.499, West
AH119	LA CASA REAL DRUM	3410 PACIFIC HWY E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2633, 0.499, West
120	ABANDONED DRUMS FIFE	5306 PACIFIC HWY E	WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS	Lower	2739, 0.519, East
121	SIERRA SANDBLASTING	3402 12TH ST E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR	Higher	2935, 0.556, WNW
122	CHEVRON 97135	5319 20TH ST E	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Higher	3185, 0.603, ESE
AI123	H&H NORTHWEST COMPAN	3309 PACIFIC AVE E	WA CSCSL, WA ALLSITES	Higher	3207, 0.607, West
AJ124	CARLSON WAGONLIT TRA	1501 54TH AVE E	WA CSCSL, WA ALLSITES	Higher	3233, 0.612, East
AI125	TEXACO STATION 12110	3251 PACIFIC HWY S	WA CSCSL, WA LUST, WA ALLSITES, FINDS, ECHO, WA...	Higher	3248, 0.615, West
126	FLYING J TRAVEL PLAZ	1501 33RD AVE E	WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS	Higher	3263, 0.618, WNW
127	I-5 SB PORT OF TACOM		WA CSCSL, WA ALLSITES	Higher	3331, 0.631, West
AJ128	KAYO OIL 2705486	5405 PACIFIC HWY E	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Lower	3373, 0.639, East
129	UNION PACIFIC RAILRO		WA CSCSL, WA ALLSITES	Higher	3471, 0.657, WSW
AK130	SHELL STATION 121396	5501 20TH ST E	WA CSCSL, WA LUST, WA ICR, WA ALLSITES, RCRA...	Higher	3536, 0.670, ESE
AK131	FORMER UNOCAL SERVIC	2001 54TH AVE E	WA CSCSL, WA LUST, WA ICR, WA ALLSITES, RCRA...	Higher	3547, 0.672, ESE
132	SMITH FIRE SYSTEMS,	1106 54 AVE E	WA CSCSL, WA ALLSITES	Lower	3597, 0.681, ENE
133	2660 FRANK ALBERT RD	2660 FRANK ALBERT RD	WA CSCSL, WA ALLSITES, WA SPILLS, WA ASBESTOS	Higher	3660, 0.693, SSE
134	PORT OF TACOMA RD I5	PORT OF TACOMA RD &	WA CSCSL, WA ALLSITES	Higher	3695, 0.700, WSW
135	ASSOCIATED PETROLUEM	3101 PACIFIC HWY E	WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	3838, 0.727, West
136	FIFE METROPLEX CARDL	3200 20TH ST E	WA CSCSL, WA LUST, WA ALLSITES, WA PTAP	Higher	3981, 0.754, WSW
137	54TH AVE TPU TRANSFO	901 54TH AVE E	WA CSCSL, WA ALLSITES	Higher	4280, 0.811, ENE
138	SCORPION INVESTMENTS	5719 15TH ST E	WA CSCSL, WA ALLSITES	Higher	4325, 0.819, East
139	DAUPHIN SITE	2911 PACIFIC HWY E	WA HSL, WA CSCSL, WA VCP, WA ALLSITES, FINDS	Lower	4346, 0.823, West
140	WOOD CHIP STORAGE YA	SR 509 N & 4TH ST E	WA HSL, WA CSCSL, WA ALLSITES	Lower	4551, 0.862, NNE
141	WSDOT I-5 RIVER RD S		WA CSCSL, WA ALLSITES	Higher	5080, 0.962, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
PACIFIC XPRESS 4310 PACIFIC HWY E FIFE, WA 98424	WA CSCSL Site Status: Awaiting Cleanup Clean Up Siteid: 14611 Facility ID: 48521859 Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Other Non-Halogenated Organics Contaminant Name: Petroleum-Diesel Contaminant Name: Petroleum-Gasoline Contaminant Name: Polycyclic Aromatic Hydrocarbons	N/A
	WA ALLSITES Facility Id: 48521859	
	WA SPILLS Facility ID: 608793	
	WA Financial Assurance Database: Financial Assurance 1, Date of Government Version: 02/24/2020 DOE Site ID: 7365	
	WA PTAP	
PACIFIC XPRESS 4310 PACIFIC HWY E FIFE, WA 98424	FINDS Registry ID:: 110015465076	N/A
EXPRESS STOP 4310 PACIFIC HWY E FIFE, WA 98424	EDR Hist Auto	N/A
PETROCARD INC 4310 PACIFIC HWY E FIFE, WA 98424	WA UST Facility ID: 48521859 Tank Status: Operational Tank Status: Removed Tank Closure Date: 04/18/2018 Site Id: 7365	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
WA AST ..... Aboveground Storage Tank Locations

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

State and tribal Brownfields sites

WA BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY..... Recycling Facility List
WA SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
WA CDL..... Clandestine Drug Lab Contaminated Site List
WA HIST CDL..... List of Sites Contaminated by Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register
WA AQUEOUS FOAM..... Firefighting Foam Incidents
WA PFAS..... PFAS Contamination Site Location Listing

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
WA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System

EXECUTIVE SUMMARY

ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
WA AIRS	Washington Emissions Data System
WA COAL ASH	Coal Ash Disposal Site Listing
WA UIC	Underground Injection Wells Listing
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WA RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
WA RGA LF	Recovered Government Archive Solid Waste Facilities List
WA RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PETARCIK SITE Site ID: 1000832 EPA Id: WAD980511711	911 PACIFIC HWY E	E 1/8 - 1/4 (0.225 mi.)	L42	466

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PM TESTING LAB INC P EPA ID:: WAH000006213	***3921 PACIFIC HWY E***	***W 1/8 - 1/4 (0.176 mi.)***	***J32***	***182***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VETERANS INDEPENDENT	***4630 16TH ST E STE B***	***E 1/8 - 1/4 (0.133 mi.)***	***H25***	***91***

EPA ID:: WAD988521571

State- and tribal - equivalent NPL

WA HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the WA HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there are 3 WA HSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUTO WAREHOUSING CO Facility Type: Hazardous Sites List FSID Number: 97814788 Facility Status: Cleanup Started	***3715 E WEST RD***	***NNW 1/4 - 1/2 (0.370 mi.)***	***U75***	***648***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAUPHIN SITE Facility Type: Hazardous Sites List FSID Number: 1281 Facility Status: Awaiting Cleanup	***2911 PACIFIC HWY E***	***W 1/2 - 1 (0.823 mi.)***	***139***	***1543***
WOOD CHIP STORAGE YA Facility Type: Hazardous Sites List FSID Number: 6766480 Facility Status: Awaiting Cleanup	***SR 509 N & 4TH ST E***	***NNE 1/2 - 1 (0.862 mi.)***	***140***	***1546***

State- and tribal - equivalent CERCLIS

WA CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the WA CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 34 WA CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HONDA OF FIFE Site Status: Cleanup Started Clean Up Siteid: 10299 Facility ID: 72856623 Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Petroleum-Other	***4301 20TH ST E***	***S 1/8 - 1/4 (0.239 mi.)***	***48***	***495***
HOLLY MARINA Site Status: Cleanup Started	***4001 20TH NE***	***SW 1/4 - 1/2 (0.266 mi.)***	***O52***	***528***

Clean Up Siteid: 9381
Facility ID: 47746788
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

BREMERTON TACOMA STA ***3801 20TH AVE E*** ***SW 1/4 - 1/2 (0.353 mi.)*** ***T71*** ***634***
Site Status: Cleanup Started
Clean Up Siteid: 4530
Facility ID: 17456541
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

AUTO WAREHOUSING CO ***3715 E WEST RD*** ***NNW 1/4 - 1/2 (0.370 mi.)*** ***U75*** ***648***
Site Status: Cleanup Started
Clean Up Siteid: 6974
Facility ID: 97814788
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

HOMETEL INN ***3520 PACIFIC HWY E*** ***W 1/4 - 1/2 (0.405 mi.)*** ***Y86*** ***786***
Site Status: Cleanup Started
Clean Up Siteid: 4697
Facility ID: 6088860
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

UPS TACOMA ***5001 20TH ST E*** ***ESE 1/4 - 1/2 (0.439 mi.)*** ***AA94*** ***867***
Site Status: Cleanup Started
Clean Up Siteid: 9888
Facility ID: 61525354
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Soil: Remediated-Below
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

KEY BANK ***1323 34TH AVE E*** ***WNW 1/4 - 1/2 (0.475 mi.)*** ***102*** ***1063***
Site Status: Awaiting Cleanup
Clean Up Siteid: 15216
Facility ID: 4888443
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Petroleum-Other

TOPPING VOLVO ***5111 20TH ST E*** ***ESE 1/4 - 1/2 (0.485 mi.)*** ***AE107*** ***1234***

Site Status: Cleanup Started
Clean Up Siteid: 8409
Facility ID: 24191258
Soil: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

LA CASA REAL DRUM ***3410 PACIFIC HWY E*** ***W 1/4 - 1/2 (0.499 mi.)*** ***AH119*** ***1317***

Site Status: Cleanup Started
Clean Up Siteid: 13173
Facility ID: 7907
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Halogenated Solvents
Contaminant Name: Lead
Contaminant Name: Mercury
**Additional key fields are available in the Map Findings section*

SIERRA SANDBLASTING ***3402 12TH ST E*** ***WNW 1/2 - 1 (0.556 mi.)*** ***121*** ***1331***

Site Status: Cleanup Started
Clean Up Siteid: 2642
Facility ID: 44654631
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants

CHEVRON 97135 ***5319 20TH ST E*** ***ESE 1/2 - 1 (0.603 mi.)*** ***122*** ***1363***

Site Status: Cleanup Started
Clean Up Siteid: 6151
Facility ID: 47389264
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

H&H NORTHWEST COMPAN ***3309 PACIFIC AVE E*** ***W 1/2 - 1 (0.607 mi.)*** ***AI123*** ***1413***

Site Status: Cleanup Started
Clean Up Siteid: 15049
Facility ID: 32616
Soil: Suspected
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Halogenated Solvents

Contaminant Name: Lead
Contaminant Name: Mercury
**Additional key fields are available in the Map Findings section*

CARLSON WAGONLIT TRA	***1501 54TH AVE E***	***E 1/2 - 1 (0.612 mi.)***	***AJ124***	***1417***

Site Status: Cleanup Started
Clean Up Siteid: 3480
Facility ID: 35825444
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified

TEXACO STATION 12110	***3251 PACIFIC HWY S***	***W 1/2 - 1 (0.615 mi.)***	***AI125***	***1418***

Site Status: Cleanup Started
Clean Up Siteid: 10499
Facility ID: 77832375
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

FLYING J TRAVEL PLAZ	***1501 33RD AVE E***	***WNW 1/2 - 1 (0.618 mi.)***	***126***	***1436***

Site Status: Cleanup Started
Clean Up Siteid: 6909
Facility ID: 94359448
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline

I-5 SB PORT OF TACOM		***W 1/2 - 1 (0.631 mi.)***	***127***	***1442***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14911
Facility ID: 70333
Soil: Suspected
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

UNION PACIFIC RAILRO		***WSW 1/2 - 1 (0.657 mi.)***	***129***	***1472***

Site Status: Cleanup Started
Clean Up Siteid: 14701
Facility ID: 75347
Soil: Suspected
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

SHELL STATION 121396	***5501 20TH ST E***	***ESE 1/2 - 1 (0.670 mi.)***	***AK130***	***1474***

Site Status: Cleanup Started
Clean Up Siteid: 11240
Facility ID: 96352712
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

FORMER UNOCAL SERVIC ***2001 54TH AVE E*** ***ESE 1/2 - 1 (0.672 mi.)*** ***AK131*** ***1511***
Site Status: Cleanup Started
Clean Up Siteid: 5212
Facility ID: 4687
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

2660 FRANK ALBERT RD ***2660 FRANK ALBERT RD*** ***SSE 1/2 - 1 (0.693 mi.)*** ***133*** ***1522***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12943
Facility ID: 24529
Soil: Remediated-Above
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline

PORT OF TACOMA RD I5 ***PORT OF TACOMA RD &*** ***WSW 1/2 - 1 (0.700 mi.)*** ***134*** ***1531***
Site Status: Cleanup Started
Clean Up Siteid: 14414
Facility ID: 553914
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline

FIFE METROPLEX CARDL ***3200 20TH ST E*** ***WSW 1/2 - 1 (0.754 mi.)*** ***136*** ***1539***
Site Status: Cleanup Started
Clean Up Siteid: 5931
Facility ID: 35377551
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Petroleum-Diesel
Contaminant Name: Methyl tertiary-butyl ether
Contaminant Name: Petroleum Products-Unspecified

54TH AVE TPU TRANSFO ***901 54TH AVE E*** ***ENE 1/2 - 1 (0.811 mi.)*** ***137*** ***1542***
Site Status: Cleanup Started
Clean Up Siteid: 14703
Facility ID: 56998
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum-Other

SCORPION INVESTMENTS ***5719 15TH ST E*** ***E 1/2 - 1 (0.819 mi.)*** ***138*** ***1543***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4008
Facility ID: 4690593
Soil: Confirmed Above Cleanup Levels

Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified

WSDOT I-5 RIVER RD S — ***WSW 1/2 - 1 (0.962 mi.)*** — ***141*** — ***1547***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13046
Facility ID: 5717
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

Lower Elevation	Address	Direction / Distance	Map ID	Page
PETARCIK SITE	***911 PACIFIC HWY E***	***E 1/8 - 1/4 (0.225 mi.)***	***L43***	***467***

Site Status: CC-O&M/Monitoring
Clean Up Siteid: 4327
Facility ID: 1214
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Corrosive Wastes
Contaminant Name: Halogenated Organics

PORTAC INC TACOMA — ***4215 SR 509 E FRONTA*** — ***N 1/4 - 1/2 (0.362 mi.)*** — ***73*** — ***638***
Site Status: Cleanup Started
Clean Up Siteid: 3642
Facility ID: 1215
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Remediated
Contaminant Name: Arsenic
Contaminant Name: Asbestos
Contaminant Name: Metals - Other
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
**Additional key fields are available in the Map Findings section*
Surface Water: Remediated

CAC INC — ***5018 PAC HWY E*** — ***E 1/4 - 1/2 (0.492 mi.)*** — ***AF113*** — ***1264***
Site Status: Cleanup Started
Clean Up Siteid: 5667
Facility ID: 20365296
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

ABANDONED DRUMS FIFE — ***5306 PACIFIC HWY E*** — ***E 1/2 - 1 (0.519 mi.)*** — ***120*** — ***1325***
Site Status: Cleanup Started
Clean Up Siteid: 15047
Facility ID: 20014
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Ground Water: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Methyl tertiary-butyl ether

Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline

KAYO OIL 2705486	***5405 PACIFIC HWY E***	***E 1/2 - 1 (0.639 mi.)***	***AJ128***	***1445***

Site Status: Cleanup Started
Clean Up Siteid: 9933
Facility ID: 62556434
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum-Gasoline

SMITH FIRE SYSTEMS,	***1106 54 AVE E***	***ENE 1/2 - 1 (0.681 mi.)***	***132***	***1521***

Site Status: Cleanup Started
Clean Up Siteid: 10585
Facility ID: 80726454
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

ASSOCIATED PETROLUEM	***3101 PACIFIC HWY E***	***W 1/2 - 1 (0.727 mi.)***	***135***	***1533***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14762
Facility ID: 94129688
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Lead
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

DAUPHIN SITE	***2911 PACIFIC HWY E***	***W 1/2 - 1 (0.823 mi.)***	***139***	***1543***

Site Status: Awaiting Cleanup
Clean Up Siteid: 3826
Facility ID: 1281
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Corrosive Wastes
Contaminant Name: Halogenated Organics

WOOD CHIP STORAGE YA	***SR 509 N & 4TH ST E***	***NNE 1/2 - 1 (0.862 mi.)***	***140***	***1546***

Site Status: Awaiting Cleanup
Clean Up Siteid: 4435
Facility ID: 6766480
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Surface Water: Suspected

State and tribal landfill and/or solid waste disposal site lists

WA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the WA SWF/LF list, as provided by EDR, has revealed that there is 1 WA SWF/LF site

within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIFE CITY STREETWAST	3725 PACIFIC HWY E	WNW 1/4 - 1/2 (0.381 mi.)	W78	672

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Pile Used for Storage or Treatment
Permit No: 27-720
Facility ID: 1449
Permit Status: Permitted

State and tribal leaking storage tank lists

WA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the WA LUST list, as provided by EDR, has revealed that there are 8 WA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HONDA OF FIFE	***4301 20TH ST E***	***S 1/8 - 1/4 (0.239 mi.)***	***48***	***495***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/12/1999
LUST Date: 06/22/2000
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 10299
Soil: Confirmed Above Cleanup Levels
Facility ID: 72856623

HOLLY MARINA	***4001 20TH NE***	***SW 1/4 - 1/2 (0.266 mi.)***	***O52***	***528***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 09/08/1993
LUST Date: 03/09/2017
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 9381
Soil: Confirmed Above Cleanup Levels
Facility ID: 47746788

AUTO WAREHOUSING CO	***3715 E WEST RD***	***NNW 1/4 - 1/2 (0.370 mi.)***	***U75***	***648***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/11/1990
LUST Date: 05/18/2006
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6974
Soil: Confirmed Above Cleanup Levels
Facility ID: 97814788

CUMMINS NW INC	***3701 PACIFIC HWY E***	***W 1/4 - 1/2 (0.405 mi.)***	***X83***	***768***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/18/2002
LUST Date: 04/03/2003
Facility Status: LUST - NFA

Cleanup Site ID: 3585
Soil: Confirmed Above Cleanup Levels
Facility ID: 32435394

UPS TACOMA ***5001 20TH ST E*** ***ESE 1/4 - 1/2 (0.439 mi.)*** ***AA94*** ***867***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/23/1993
LUST Date: 03/07/2013
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Cleanup Site ID: 9888
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Soil: Remediated-Below
Facility ID: 61525354

TOPPING VOLVO ***5111 20TH ST E*** ***ESE 1/4 - 1/2 (0.485 mi.)*** ***AE107*** ***1234***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 08/12/1992
LUST Date: 03/07/2013
Facility Status: LUST - Cleanup Started
Ground Water: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 8409
Soil: Confirmed Above Cleanup Levels
Facility ID: 24191258

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO 5658 PSI 5328	***4716 PACIFIC HWY E***	***E 1/8 - 1/4 (0.178 mi.)***	***K37***	***454***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/15/1999
LUST Date: 04/26/1999
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Cleanup Site ID: 5309
Soil: Confirmed Above Cleanup Levels
Facility ID: 3173479

CAC INC ***5018 PAC HWY E*** ***E 1/4 - 1/2 (0.492 mi.)*** ***AF113*** ***1264***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/04/1991
LUST Date: 04/05/1991
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5667
Soil: Confirmed Above Cleanup Levels
Facility ID: 20365296

State and tribal registered storage tank lists

WA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the WA UST list, as provided by EDR, and dated 05/12/2020 has revealed that there are 4

WA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
B & J BINGO Facility ID: 11115839 Tank Status: Removed Tank Closure Date: 01/01/1991 Site Id: 4814	***4401 15TH ST E***	***NNE 0 - 1/8 (0.109 mi.)***	***E17***	***56***
TT2 APR FORWARDERS I Facility ID: 23421417 Tank Status: Removed Site Id: 4815	***4503 15TH ST E***	***NE 0 - 1/8 (0.113 mi.)***	***G18***	***57***
HONDA OF FIFE Facility ID: 72856623 Tank Status: Removed Site Id: 10218	***4301 20TH ST E***	***S 1/8 - 1/4 (0.239 mi.)***	***48***	***495***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ATLANTIC RICHFIELD C Facility ID: 3173479 Tank Status: Removed Tank Closure Date: 12/08/2003 Site Id: 100223	4716 PACIFIC HWY E	E 1/8 - 1/4 (0.178 mi.)	K35	450

INDIAN UST: A listing of underground storage tank locations on Indian Land.

A review of the INDIAN UST list, as provided by EDR, has revealed that there is 1 INDIAN UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PERNELLE TURNIPSEED Database: INDIAN UST R10, Date of Government Version: 04/14/2020 Tank Status: Permanently Out of Use Facility ID: 4130003	1502 44TH AVE. E.	NNE 0 - 1/8 (0.077 mi.)	E11	29

State and tribal institutional control / engineering control registries

WA INST CONTROL: Sites that have institutional controls.

A review of the WA INST CONTROL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 2 WA INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BERTOLINI INDUSTRIES Facility Site ID: 1367 CS ID: 545	***1222 46TH AVE E***	***NNE 1/8 - 1/4 (0.173 mi.)***	***31***	***175***
MIZUKAMI PROJECT Facility Site ID: 9436194	***4524 20TH ST E***	***SSE 1/4 - 1/2 (0.270 mi.)***	***P55***	***532***

CS ID: 347

State and tribal voluntary cleanup sites

WA VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the WA VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there are 14 WA VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAVIS PROPERTY Date NFA: 2006-01-10 VCP: NFA Facility ID: 4029262 Date NFA: 2006-01-10 VCP: NFA Cleanup Siteid: 3823	1408 47TH AVE E	ENE 1/8 - 1/4 (0.166 mi.)	I30	174
PM TESTING LAB INC P Date NFA: 1997-11-14 VCP: NFA Facility ID: 98132319 Date NFA: 1997-11-14 VCP: NFA Cleanup Siteid: 2761	3921 PACIFIC HWY E	W 1/8 - 1/4 (0.176 mi.)	J33	428
HAWLEY MARINE VCP: TRUE Facility ID: 47746788 VCP: TRUE Cleanup Siteid: 9381	4001 20TH NE	SW 1/4 - 1/2 (0.266 mi.)	O53	530
MIZUKAMI PROJECT Date NFA: 2012-08-09 VCP: NFA Facility ID: 9436194 Date NFA: 2012-08-09 VCP: NFA Cleanup Siteid: 347	4524 20TH ST E	SSE 1/4 - 1/2 (0.270 mi.)	P56	533
COAST ENGINE & EQUIP Date NFA: 2016-09-16 VCP: NFA Facility ID: 26693246 Date NFA: 2016-09-16 VCP: NFA Cleanup Siteid: 4267	4012 SR 509 S FRONTA	NW 1/4 - 1/2 (0.329 mi.)	63	586
CAPPA PROPERTY Facility ID: 17456541 Cleanup Siteid: 4530	3801 20TH ST E	SW 1/4 - 1/2 (0.353 mi.)	T72	637
CUMMINS NW INC Date NFA: 2003-04-03 VCP: NFA	3701 PACIFIC HWY E	W 1/4 - 1/2 (0.405 mi.)	X84	784

Facility ID: 32435394 Date NFA: 2003-04-03 VCP: NFA Cleanup Siteid: 3585				
HOMETEL INN Facility ID: 6088860 Cleanup Siteid: 4697	3520 PACIFIC HWY E	W 1/4 - 1/2 (0.405 mi.)	Y85	785
TOPPING VOLVO NISSAN VCP: TRUE Facility ID: 24191258 VCP: TRUE Cleanup Siteid: 8409	5111 20TH ST E	ESE 1/4 - 1/2 (0.485 mi.)	AE108	1253
FEDEX FREIGHT WEST F Date NFA: 2009-11-09 VCP: NFA Facility ID: 3263179 Date NFA: 2009-11-09 VCP: NFA Cleanup Siteid: 2526	2150 48TH AVE CT E	SE 1/4 - 1/2 (0.498 mi.)	AG115	1280
FIFE RV CENTER VCP: TRUE Facility ID: 7907 VCP: TRUE Cleanup Siteid: 13173	3410 PACIFIC HWY E	W 1/4 - 1/2 (0.499 mi.)	AH118	1313

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUSAN KAELIN PROPERT Date NFA: 2001-11-20 VCP: NFA Facility ID: 84439736 Date NFA: 2001-11-20 VCP: NFA Cleanup Siteid: 3617	1409 ALEXANDER AVE E	NW 0 - 1/8 (0.089 mi.)	F13	30
ARCO 5658 PSI 5328 Date NFA: 1999-04-26 VCP: NFA Facility ID: 3173479 Date NFA: 1999-04-26 VCP: NFA Cleanup Siteid: 5309	4716 PACIFIC HWY E	E 1/8 - 1/4 (0.178 mi.)	K36	453
TACO BELL CHEVRON 97 Facility ID: 20365296 Cleanup Siteid: 5667	5018 PACIFIC HWY E	E 1/4 - 1/2 (0.452 mi.)	AC99	1041

WA ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 7

EXECUTIVE SUMMARY

WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BERTOLINI INDUSTRIES	***1222 46TH AVE E***	***NNE 1/8 - 1/4 (0.173 mi.)***	***31***	***175***
Contaminants Found at Site: 3,6 Type of Report Ecology Received: I Date Ecology Received Report: 01/30/95 Media Contaminated: S				
HONDA OF FIFE	***4301 20TH ST E***	***S 1/8 - 1/4 (0.239 mi.)***	***48***	***495***
Contaminants Found at Site: 6 Type of Report Ecology Received: F Type of Report Ecology Received: I Date Ecology Received Report: 01/12/99 Date Ecology Received Report: 06/14/00 Date Ecology Received Report: 08/29/00 Date Ecology Received Report: 07/02/01 Date Ecology Received Report: 09/04/01 **Additional key fields are available in the Map Findings section* Media Contaminated: S Media Contaminated: GW,S				
HOLLY MARINA	***4001 20TH NE***	***SW 1/4 - 1/2 (0.266 mi.)***	***O52***	***528***
Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 09/18/96 Media Contaminated: S				
UNITED PARCEL SERVIC	5001 20TH ST. E.	ESE 1/4 - 1/2 (0.439 mi.)	AA93	866
Contaminants Found at Site: 6 Type of Report Ecology Received: F Type of Report Ecology Received: I Date Ecology Received Report: 08/11/98 Date Ecology Received Report: 08/25/94 Media Contaminated: GW,S				
TOPPING VOLVO/NISSAN	***5111 20TH ST. E.***	***ESE 1/4 - 1/2 (0.485 mi.)***	***AE109***	***1255***
Contaminants Found at Site: 6 Contaminants Found at Site: 3,6 Type of Report Ecology Received: I Date Ecology Received Report: 09/02/92 Date Ecology Received Report: 05/12/93 Date Ecology Received Report: 09/30/93 Media Contaminated: GW,S				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5658 (TWO REPO	4716 PACIFIC HWY E.	E 1/8 - 1/4 (0.178 mi.)	K38	465
Contaminants Found at Site: 6 Type of Report Ecology Received: I&F Date Ecology Received Report: 04/20/99 Media Contaminated: S				
CHEVRON #97376	5018 PACIFIC HWY E.	E 1/4 - 1/2 (0.452 mi.)	AC98	1040
Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 10/07/92 Date Ecology Received Report: 02/28/94				

EXECUTIVE SUMMARY

Date Ecology Received Report: 02/14/95
Date Ecology Received Report: 01/02/02
Media Contaminated: GW
Media Contaminated: GW,S

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 87 WA ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENERAL WELDING SUPP Facility Id: 98423745	***4405 PACIFIC HWY E***	***ENE 0 - 1/8 (0.021 mi.)***	***B6***	***18***
VERIZON WIRELESS FIF Facility Id: 6939311	***4501 PACIFIC HWY E***	***ENE 0 - 1/8 (0.044 mi.)***	***C8***	***19***
LARSON AUTOMOTIVE FI Facility Id: 4431	1701 ALEXANDER AVE E	SW 0 - 1/8 (0.069 mi.)	D10	29
AUTOMOTIVE ENVIRONME Facility Id: 2876480	***4500 15TH AVE NE, UN***	***NE 0 - 1/8 (0.095 mi.)***	***G14***	***30***
NISSAN OF FIFE Facility Id: 23555	1700 ALEXANDER AVE E	SW 0 - 1/8 (0.097 mi.)	D16	56
B & J BINGO Facility Id: 11115839	***4401 15TH ST E***	***NNE 0 - 1/8 (0.109 mi.)***	***E17***	***56***
TT2 APR FORWARDERS I Facility Id: 23421417	***4503 15TH ST E***	***NE 0 - 1/8 (0.113 mi.)***	***G18***	***57***
GCR TIRE CENTER 4247 Facility Id: 2418556	***4107 PACIFIC HWY E***	***WNW 0 - 1/8 (0.115 mi.)***	***19***	***58***
WESTERN PETERBILT IN Facility Id: 98618345	***1410 46TH AVE E***	***ENE 0 - 1/8 (0.119 mi.)***	***20***	***65***
BUCKYS FIFE Facility Id: 39173864	***4600 PACIFIC HWY E***	***E 0 - 1/8 (0.120 mi.)***	***H21***	***70***
OLSONS BODY SHOP Facility Id: 45145974	***4602 PACIFIC HWY E***	***E 0 - 1/8 (0.120 mi.)***	***H23***	***86***
JAGUAR LANDROVER VOL Facility Id: 17288	1601 40TH AVE CT E	W 1/8 - 1/4 (0.132 mi.)	24	90
VETERANS INDEPENDENT Facility Id: 55828232	***4630 16TH ST E STE B***	***E 1/8 - 1/4 (0.133 mi.)***	***H25***	***91***
PM TESTING LAB INC Facility Id: 87398992	***4630 16TH ST E STE B***	***E 1/8 - 1/4 (0.133 mi.)***	***H26***	***140***
JIFFY LUBE 3178 Facility Id: 5860 Facility Id: 6489	4670 PACIFIC HWY E	E 1/8 - 1/4 (0.144 mi.)	H27	165
DAVIS PROPERTY	***1408 47TH AVE E***	***ENE 1/8 - 1/4 (0.166 mi.)***	***I29***	***174***

Facility Id: 4029262				
BERTOLINI INDUSTRIES Facility Id: 1367	***1222 46TH AVE E***	***NNE 1/8 - 1/4 (0.173 mi.)***	***31***	***175***
PM TESTING LAB INC P Facility Id: 98132319	***3921 PACIFIC HWY E***	***W 1/8 - 1/4 (0.176 mi.)***	***J32***	***182***
LEXUS OF TACOMA AT F Facility Id: 90252898	***1708 40TH AVE CT E***	***WSW 1/8 - 1/4 (0.177 mi.)***	***34***	***428***
BMW NORTHWEST VEHICL Facility Id: 21366	1902 GOLDAU RD E	SSW 1/8 - 1/4 (0.207 mi.)	39	465
CAMPING WORLD Facility Id: 10746	4650 16TH ST	E 1/8 - 1/4 (0.207 mi.)	K40	466
EXIDE CORP FIFE DUPL Facility Id: 78365825	***2001 48TH AVE CT E S***	***SE 1/8 - 1/4 (0.210 mi.)***	***41***	***466***
LEXUS OF FIFE PARKIN Facility Id: 11803	3914 PACIFIC HWY E	WSW 1/8 - 1/4 (0.226 mi.)	44	469
BMW NORTHWEST INC Facility Id: 16434792	4011 20TH ST E	SSW 1/8 - 1/4 (0.237 mi.)	M46	485
HONDA OF FIFE Facility Id: 72856623	***4301 20TH ST E***	***S 1/8 - 1/4 (0.239 mi.)***	***48***	***495***
HERTZ EQUIPMENT RENT Facility Id: 11198466	***4403 20TH ST E***	***S 1/8 - 1/4 (0.242 mi.)***	***N49***	***511***
JET AUTO WRECKING Facility Id: 18020	***3901 PACIFIC HWY E***	***W 1/8 - 1/4 (0.247 mi.)***	***50***	***521***
GENSCO INC Facility Id: 43944875	***4402 20TH ST E***	***S 1/4 - 1/2 (0.263 mi.)***	***N51***	***522***
HOLLY MARINA Facility Id: 47746788	***4001 20TH NE***	***SW 1/4 - 1/2 (0.266 mi.)***	***O52***	***528***
GARDENVILLE GREENHOU Facility Id: 3831238	***4508 20TH ST E***	***SSE 1/4 - 1/2 (0.267 mi.)***	***P54***	***531***
MIZUKAMI PROJECT Facility Id: 9436194	***4524 20TH ST E***	***SSE 1/4 - 1/2 (0.270 mi.)***	***P55***	***532***
COSTCO BUSINESS CENT Facility Id: 65249443	***3900 20TH ST E***	***SSW 1/4 - 1/2 (0.279 mi.)***	***57***	***534***
LEXUS OF TACOMA AT F Facility Id: 19141	4609 20TH ST E	SE 1/4 - 1/2 (0.292 mi.)	58	566
NORTHWEST MINI Facility Id: 17670	3901 20TH ST E	SW 1/4 - 1/2 (0.320 mi.)	R62	586
MORNING SUN INC Facility Id: 12725474 Facility Id: 17474 Facility Id: 66138	***3500 20TH ST E BLDG***	***SW 1/4 - 1/2 (0.337 mi.)***	***R66***	***591***
BREMERTON TACOMA STA Facility Id: 17456541 Facility Id: 29574255	***3801 20TH AVE E***	***SW 1/4 - 1/2 (0.353 mi.)***	***T71***	***634***
MARINE TERMINAL CORP Facility Id: 5427431	***4015 SR 509 N FRONTA***	***NNW 1/4 - 1/2 (0.362 mi.)***	***U74***	***646***
AUTO WAREHOUSING CO	***3715 E WEST RD***	***NNW 1/4 - 1/2 (0.370 mi.)***	***U75***	***648***

Facility Id: 97814788 Facility Id: 23525				
COLUMBIA INSPECTION Facility Id: 2764134	***4901 20TH ST E***	***SE 1/4 - 1/2 (0.375 mi.)***	***V77***	***653***
FIFE VEHICLE DIV & D Facility Id: 72875345	***3725 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.381 mi.)***	***W79***	***673***
WARTHOG Facility Id: 18947	4921 20TH ST E	ESE 1/4 - 1/2 (0.387 mi.)	V80	714
ABRA AUTO BODY AND G Facility Id: 52994962	***3909 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.394 mi.)***	***81***	***714***
GERBER COLLISION & G Facility Id: 96399117	***3701 20TH ST SE***	***SW 1/4 - 1/2 (0.400 mi.)***	***82***	***745***
CUMMINS NW INC Facility Id: 32435394	***3701 PACIFIC HWY E***	***W 1/4 - 1/2 (0.405 mi.)***	***X83***	***768***
HOMETEL INN Facility Id: 6088860 Facility Id: 10432	***3520 PACIFIC HWY E***	***W 1/4 - 1/2 (0.405 mi.)***	***Y86***	***786***
TACOMA PORT MOTOR IN Facility Id: 88749244	***3518 PACIFIC HWY E***	***W 1/4 - 1/2 (0.412 mi.)***	***X87***	***787***
PRECISION MACHINE WO Facility Id: 93592927	***4101 D INDUSTRY DR E***	***ESE 1/4 - 1/2 (0.415 mi.)***	***88***	***792***
PRECISION DOOR & CAB Facility Id: 8264192 Facility Id: 83986397	4918 20TH ST E	SE 1/4 - 1/2 (0.420 mi.)	V89	861
INK INC INDUSTRY DR Facility Id: 97796511	***3900F INDUSTRY DR E***	***SSW 1/4 - 1/2 (0.434 mi.)***	***Z91***	***862***
CLOSETMAID Facility Id: 3939978	***3900 INDUSTRY DR E S***	***SSW 1/4 - 1/2 (0.434 mi.)***	***Z92***	***866***
UPS TACOMA Facility Id: 61525354	***5001 20TH ST E***	***ESE 1/4 - 1/2 (0.439 mi.)***	***AA94***	***867***
MWI VETERINARY SUPPL Facility Id: 18052	4200 INDUSTRY DR E S	SSW 1/4 - 1/2 (0.441 mi.)	AB95	1009
PAPE MACHINERY TACOM Facility Id: 72626264	***3607 20TH ST E***	***WSW 1/4 - 1/2 (0.447 mi.)***	***96***	***1009***
SPORTSWEAR SVC Facility Id: 93277555	***4101 INDUSTRY DR E***	***S 1/4 - 1/2 (0.452 mi.)***	***AB97***	***1035***
PENSKE TRUCK LEASING Facility Id: 55388197	***2105 FRANK ALBERT RD***	***SSW 1/4 - 1/2 (0.469 mi.)***	***Z100***	***1042***
KEY BANK Facility Id: 4888443	***1323 34TH AVE E***	***WNW 1/4 - 1/2 (0.475 mi.)***	***102***	***1063***
PROGRESS RAIL SERVIC Facility Id: 26693246	***4012 SR 509 S FRONTA***	***WNW 1/4 - 1/2 (0.480 mi.)***	***104***	***1069***
FEDERAL EXPRESS CORP Facility Id: 88389433	***3600 INDUSTRY DR E***	***SW 1/4 - 1/2 (0.484 mi.)***	***AD105***	***1227***
COGDALL CONSTRUCTION Facility Id: 6656	***3600 E INDUSTRY DR E***	***SW 1/4 - 1/2 (0.484 mi.)***	***AD106***	***1231***
TOPPING VOLVO	***5111 20TH ST E***	***ESE 1/4 - 1/2 (0.485 mi.)***	***AE107***	***1234***

Facility Id: 24191258				
COOPER TIRE & RUBBER Facility Id: 88249364	***4200 D INDUSTRY DR***	***ESE 1/4 - 1/2 (0.488 mi.)***	***110***	***1259***
INDUSTRIAL RUBBER & Facility Id: 74875398	***2105 51ST AVE E***	***ESE 1/4 - 1/2 (0.493 mi.)***	***114***	***1270***
GREENWOOD MOTORLINES Facility Id: 3263179	***2150 48TH AVE CT E***	***SE 1/4 - 1/2 (0.498 mi.)***	***AG116***	***1281***
AMES INTERNATIONAL I Facility Id: 24524	***4401 INDUSTRY DR E***	***S 1/4 - 1/2 (0.498 mi.)***	***117***	***1313***
LA CASA REAL DRUM Facility Id: 7907 Facility Id: 72234718	***3410 PACIFIC HWY E***	***W 1/4 - 1/2 (0.499 mi.)***	***AH119***	***1317***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUSAN KAELIN PROPERT Facility Id: 84439736	***1409 ALEXANDER AVE E***	***NW 0 - 1/8 (0.089 mi.)***	***F12***	***29***
RUSHFORTH CONSTRUCTI Facility Id: 65325229	***1308 ALEXANDER AVE E***	***NNW 1/8 - 1/4 (0.159 mi.)***	***28***	***166***
ARCO 5658 PSI 5328 Facility Id: 3173479	***4716 PACIFIC HWY E***	***E 1/8 - 1/4 (0.178 mi.)***	***K37***	***454***
PETARCIK SITE Facility Id: 1214	***911 PACIFIC HWY E***	***E 1/8 - 1/4 (0.225 mi.)***	***L43***	***467***
SOUND ANALYTICAL SER Facility Id: 72636161	***4813 PACIFIC HWY E***	***E 1/8 - 1/4 (0.230 mi.)***	***L45***	***469***
INFINITI OF TACOMA A Facility Id: 16806	4902 PACIFIC HWY E	E 1/4 - 1/2 (0.306 mi.)	Q59	566
ECOLOGICAL INDUSTRIE Facility Id: 33758291	***5007 PACIFIC HWY STE***	***E 1/4 - 1/2 (0.314 mi.)***	***Q60***	***567***
NAUTILUS ENVIRONMENT Facility Id: 344688	***5009 PACIFIC HWY E S***	***E 1/4 - 1/2 (0.315 mi.)***	***Q61***	***571***
PIER 3 & 4 DREDGE MA Facility Id: 9557	4801 E 12TH ST	NE 1/4 - 1/2 (0.335 mi.)	64	587
KIRK CO SUMNER Facility Id: 33455496	***520 PACIFIC HWY S***	***E 1/4 - 1/2 (0.337 mi.)***	***Q65***	***587***
SERVPRO OF TACOMA Facility Id: 19788	5013 PACIFIC HWY E	ENE 1/4 - 1/2 (0.338 mi.)	S67	613
SIFCO SELECTIVE PLAT Facility Id: 90811861	***5013 PACIFIC HWY E S***	***ENE 1/4 - 1/2 (0.338 mi.)***	***S68***	***613***
LINCARE FIFE Facility Id: 38612374	***5013 PACIFIC HWY E S***	***ENE 1/4 - 1/2 (0.338 mi.)***	***S69***	***630***
SPECTRA LABORATORIES Facility Id: 56352117	***5013 PACIFIC HWY E 1***	***ENE 1/4 - 1/2 (0.338 mi.)***	***S70***	***630***
PORTAC INC TACOMA Facility Id: 1215	***4215 SR 509 E FRONTA***	***N 1/4 - 1/2 (0.362 mi.)***	***73***	***638***
HOGAN PARKING LOT Facility Id: 3068	1710 51ST AVE E	E 1/4 - 1/2 (0.374 mi.)	76	653
UNITED PARCEL SERVIC	***5101 E 12TH ST***	***ENE 1/4 - 1/2 (0.434 mi.)***	***90***	***861***

Facility Id: 9289				
FIFE CLEANERS	***5121 PACIFIC HWY E S***	***E 1/4 - 1/2 (0.469 mi.)***	***101***	***1043***
Facility Id: 19591969				
AUTO WAREHOUSING CO	3715 SR 509 N FRONTA	NW 1/4 - 1/2 (0.476 mi.)	103	1069
Facility Id: 43274632				
UPS PORT OF TACOMA	5200 12TH ST E BLDG	ENE 1/4 - 1/2 (0.490 mi.)	111	1259
Facility Id: 12219				
PICKUP TRUCK DRUG LA	***5209 PACIFIC HWY E P***	***E 1/4 - 1/2 (0.491 mi.)***	***AF112***	***1259***
Facility Id: 58454113				
CAC INC	***5018 PAC HWY E***	***E 1/4 - 1/2 (0.492 mi.)***	***AF113***	***1264***
Facility Id: 20365296				

WA CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there are 10 WA CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAVIS PROPERTY	***1408 47TH AVE E***	***ENE 1/8 - 1/4 (0.166 mi.)***	***I29***	***174***
CS Id: 3823 Facility/Site Id: 4029262 Soil: Remediated NFA Date: 01/10/2006 Groundwater: Below Cleanup Levels Contaminant Name: Petroleum Products-Unspecified				
BERTOLINI INDUSTRIES	***1222 46TH AVE E***	***NNE 1/8 - 1/4 (0.173 mi.)***	***31***	***175***
CS Id: 545 Facility/Site Id: 1367 Soil: Remediated NFA Date: 07/17/1996 Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified				
PM TESTING LAB INC P	***3921 PACIFIC HWY E***	***W 1/8 - 1/4 (0.176 mi.)***	***J32***	***182***
CS Id: 2761 Facility/Site Id: 98132319 Soil: Remediated NFA Date: 11/14/1997 Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified				
JET AUTO WRECKING	***3901 PACIFIC HWY E***	***W 1/8 - 1/4 (0.247 mi.)***	***50***	***521***
CS Id: 2004 Facility/Site Id: 18020 Soil: Remediated NFA Date: 01/28/1997 Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified				
MIZUKAMI PROJECT	***4524 20TH ST E***	***SSE 1/4 - 1/2 (0.270 mi.)***	***P55***	***532***

CS Id: 347
Facility/Site Id: 9436194
Soil: Remediated-Below
NFA Date: 08/09/2012
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

CUMMINS NW INC ***3701 PACIFIC HWY E*** ***W 1/4 - 1/2 (0.405 mi.)*** ***X83*** ***768***
CS Id: 3585
Facility/Site Id: 32435394
Soil: Confirmed Above Cleanup Levels
NFA Date: 04/03/2003
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

PROGRESS RAIL SERVIC ***4012 SR 509 S FRONTA*** ***WNW 1/4 - 1/2 (0.480 mi.)*** ***104*** ***1069***
CS Id: 4267
Facility/Site Id: 26693246
Soil: Remediated-Below
NFA Date: 09/16/2016
Groundwater: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

GREENWOOD MOTORLINES ***2150 48TH AVE CT E*** ***SE 1/4 - 1/2 (0.498 mi.)*** ***AG116*** ***1281***
CS Id: 2526
Facility/Site Id: 3263179
Soil: Remediated
Soil: Suspected
NFA Date: 11/09/2009
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polychlorinated biPhenyls (PCB)

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUSAN KAELIN PROPERT	***1409 ALEXANDER AVE E***	***NW 0 - 1/8 (0.089 mi.)***	***F12***	***29***

CS Id: 3617
Facility/Site Id: 84439736
Soil: Remediated
NFA Date: 11/20/2001
Groundwater: Suspected
Contaminant Name: Petroleum Products-Unspecified

ARCO 5658 PSI 5328 ***4716 PACIFIC HWY E*** ***E 1/8 - 1/4 (0.178 mi.)*** ***K37*** ***454***
CS Id: 5309
Facility/Site Id: 3173479
Soil: Confirmed Above Cleanup Levels
NFA Date: 04/26/1999
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 13 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUTOMOTIVE ENVIRONME EPA ID:: WA0000927525	***4500 15TH ST E STE A***	***NE 0 - 1/8 (0.095 mi.)***	***G15***	***31***
WESTERN PETERBILT IN EPA ID:: WA0000230813	***1410 46TH AVE E***	***ENE 0 - 1/8 (0.119 mi.)***	***20***	***65***
BUCKYS FIFE EPA ID:: WAD988524476	***4600 PACIFIC HWY E***	***E 0 - 1/8 (0.120 mi.)***	***H21***	***70***
OLSONS BODY SHOP EPA ID:: WAD981761299	***4602 PACIFIC HWY E***	***E 0 - 1/8 (0.120 mi.)***	***H23***	***86***
PM TESTING LAB INC EPA ID:: WAD988497541	***4630 16TH ST E STE B***	***E 1/8 - 1/4 (0.133 mi.)***	***H26***	***140***
BERTOLINI INDUSTRIES EPA ID:: WAD121557482	***1222 46TH AVE E***	***NNE 1/8 - 1/4 (0.173 mi.)***	***31***	***175***
LEXUS OF TACOMA AT F EPA ID:: WAH000003228	***1708 40TH AVE CT E***	***WSW 1/8 - 1/4 (0.177 mi.)***	***34***	***428***
BMW NORTHWEST INC EPA ID:: WAD988492146	***4011 20TH ST E***	***SSW 1/8 - 1/4 (0.237 mi.)***	***M47***	***485***
HONDA OF FIFE EPA ID:: WAD147231880	***4301 20TH ST E***	***S 1/8 - 1/4 (0.239 mi.)***	***48***	***495***
HERTZ EQUIPMENT RENT EPA ID:: WAD082500133	***4403 20TH ST E***	***S 1/8 - 1/4 (0.242 mi.)***	***N49***	***511***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RUSHFORTH CONSTRUCTI EPA ID:: WAD009503665	***1308 ALEXANDER AVE E***	***NNW 1/8 - 1/4 (0.159 mi.)***	***28***	***166***
ARCO 5658 PSI 5328 EPA ID:: WAD988515136	***4716 PACIFIC HWY E***	***E 1/8 - 1/4 (0.178 mi.)***	***K37***	***454***
SOUND ANALYTICAL SER EPA ID:: WAD988498119	***4813 PACIFIC HWY E***	***E 1/8 - 1/4 (0.230 mi.)***	***L45***	***469***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		0 - 1/8 (0.000 mi.)	0	18

EXECUTIVE SUMMARY

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there are 4 WA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AUTOMOTIVE ENVIRONME	***4500 15TH ST E STE A***	***NE 0 - 1/8 (0.095 mi.)***	***G15***	***31***
Facility Site ID Number: 46533152				
Gen Status CD: XQG				
EPA ID: WA0000927525				
VETERANS INDEPENDENT	***4630 16TH ST E STE B***	***E 1/8 - 1/4 (0.133 mi.)***	***H25***	***91***
Facility Site ID Number: 55828232				
Gen Status CD: SQG				
EPA ID: WAD988521571				
PM TESTING LAB INC P	***3921 PACIFIC HWY E***	***W 1/8 - 1/4 (0.176 mi.)***	***J32***	***182***
Facility Site ID Number: 98132319				
Gen Status CD: LQG				
EPA ID: WAH000006213				
LEXUS OF TACOMA AT F	***1708 40TH AVE CT E***	***WSW 1/8 - 1/4 (0.177 mi.)***	***34***	***428***
Facility Site ID Number: 90252898				
Gen Status CD: SQG				
EPA ID: WAH000003228				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIFE TRANSMISSIONS	4401 PACIFIC HWY E	ENE 0 - 1/8 (0.017 mi.)	B5	18
PETROLEUM PRODUCTS I	4419 PACIFIC HWY E	ENE 0 - 1/8 (0.032 mi.)	C7	19
B BUCKYS MUFFLERS BR	4600 PACIFIC HWY E	E 0 - 1/8 (0.120 mi.)	H22	85

EXECUTIVE SUMMARY

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
M BEST CLEANERS CLEA	4420 PACIFIC HWY E	E 0 - 1/8 (0.044 mi.)	C9	28

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
ROW 15114 PACIFIC AVE	WA RGA HWS
TACOMA ALUMINUM PHOSPHIHE RESPONSE	SEMS
OCCIDENTAL CHEMICAL-SITE II	WA SWF/LF
PACIFIC OCEAN	HMIRS
PSE TACOMA HISTORICAL COAL GAS	EDR MGP
25TH/CASCADE SERVICE STATION GAS S	EDR Hist Auto
SCHULER INDUSTRIAL PARK	WA VCP
OLINE 52ND ST PROPERTY	WA VCP

OVERVIEW MAP - 6218053.2S

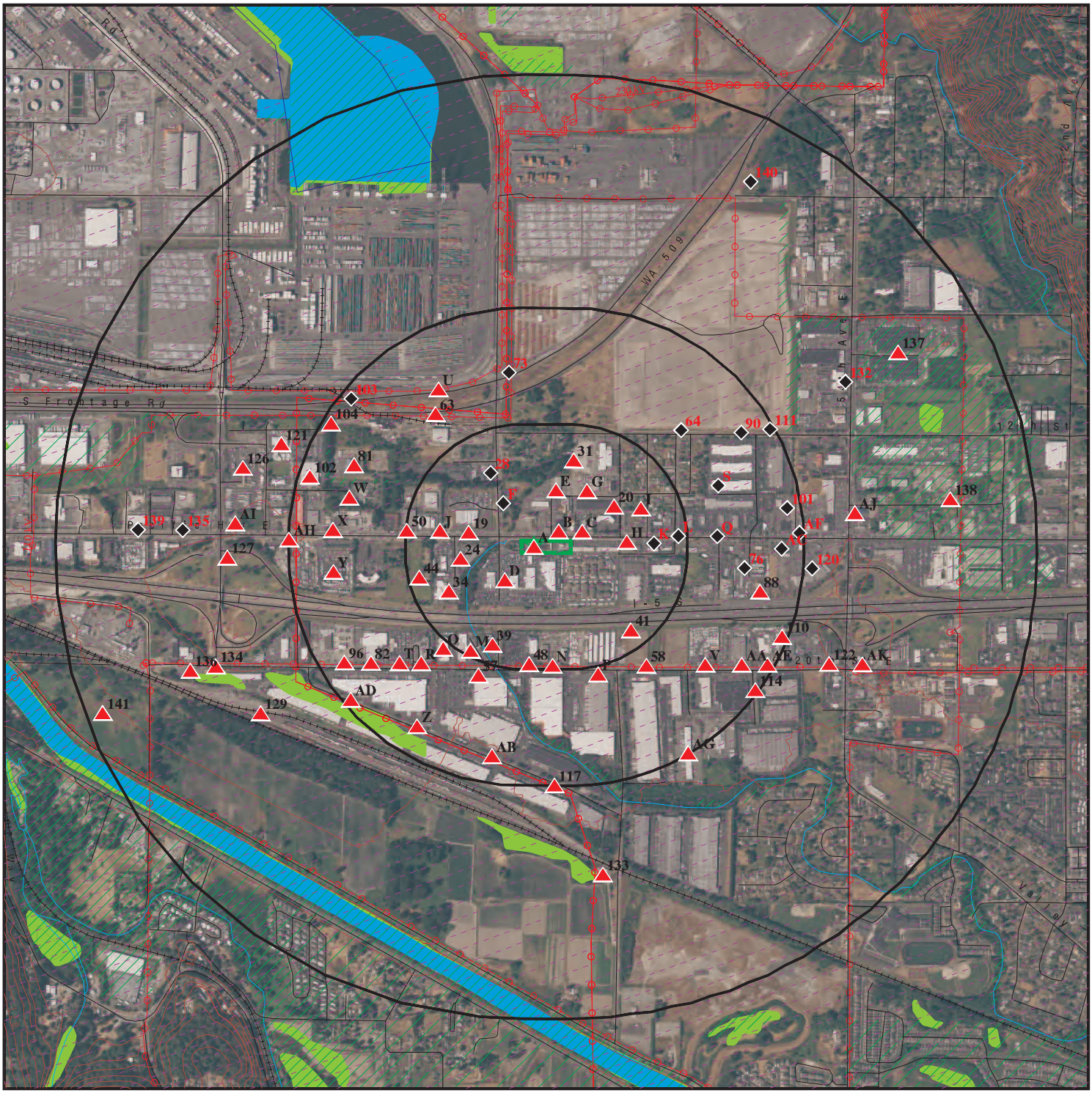

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	PACIFIC XPRESS	CLIENT:	Parametrix, Inc.
ADDRESS:	4310 PACIFIC HWY E Tacoma WA 98424	CONTACT:	Adam Romey
		INQUIRY #:	6218053.2s
LAT/LONG:	47.242795 / 122.371319	DATE:	October 06, 2020 5:35 pm

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DETAIL MAP - 6218053.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	PACIFIC XPRESS	CLIENT:	Parametrix, Inc.
ADDRESS:	4310 PACIFIC HWY E Tacoma WA 98424	CONTACT:	Adam Romey
LAT/LONG:	47.242795 / 122.371319	INQUIRY #:	6218053.2s
		DATE:	October 06, 2020 5:36 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	0	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
WA HSL	1.000		0	0	1	2	NR	3
State- and tribal - equivalent CERCLIS								
WA CSCSL	1.000	1	0	2	10	22	NR	35
State and tribal landfill and/or solid waste disposal site lists								
WA SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
WA LUST	0.500		0	2	6	NR	NR	8

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WA UST	0.250	1	2	2	NR	NR	NR	5
WA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		1	0	NR	NR	NR	1
State and tribal institutional control / engineering control registries								
WA INST CONTROL	0.500		0	1	1	NR	NR	2
State and tribal voluntary cleanup sites								
WA VCP	0.500		1	3	10	NR	NR	14
WA ICR	0.500		0	3	4	NR	NR	7
INDIAN VCP	0.500		0	0	0	NR	NR	0
WA PTAP	0.500	1	0	0	0	NR	NR	1
State and tribal Brownfields sites								
WA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WA SWRCY	0.500		0	0	0	NR	NR	0
WA SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
WA ALLSITES	0.500	1	12	20	55	NR	NR	88
WA CDL	0.001		0	NR	NR	NR	NR	0
WA HIST CDL	0.001		0	NR	NR	NR	NR	0
WA CSCSL NFA	0.500		1	5	4	NR	NR	10
US CDL	0.001		0	NR	NR	NR	NR	0
WA AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
WA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WA SPILLS	0.001	1	0	NR	NR	NR	NR	1
WA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	9	NR	NR	NR	13
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		1	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
WA AIRS	0.001		0	NR	NR	NR	NR	0
WA ASBESTOS	0.001		0	NR	NR	NR	NR	0
WA COAL ASH	0.500		0	0	0	NR	NR	0
WA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WA Financial Assurance	0.001	1	0	NR	NR	NR	NR	1
CA HAZNET	TP		NR	NR	NR	NR	NR	0
WA Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
WA MANIFEST	0.250		1	3	NR	NR	NR	4
WA NPDES	0.001		0	NR	NR	NR	NR	0
WA UIC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	1	3	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WA RGA HWS	0.001		0	NR	NR	NR	NR	0
WA RGA LF	0.001		0	NR	NR	NR	NR	0
WA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		8	27	53	92	24	0	204

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **PACIFIC XPRESS**
4310 PACIFIC HWY E
FIFE, WA 98424

Site 1 of 4 in cluster A

WA CSCSL
WA ALLSITES
WA SPILLS
WA Financial Assurance
WA PTAP

S108023782
N/A

Actual: 14 ft.

CSCSL:

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	PETROCARD,PETROCARD INC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	PETROCARD,PETROCARD INC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup

PACIFIC XPRESS (Continued) **S108023782**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: PETROCARD,PETROCARD INC
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: PACIFIC XPRESS
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 48521859
Region: Southwest
Lat/Long: 47.242819802912 / -122.3704731167
Clean Up Siteid: 14611
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: PETROCARD,PETROCARD INC
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

ALLSITES:
Name: PACIFIC XPRESS
Facility Id: 48521859

SPILLS:
Name: LEE & EASTES
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA
Facility ID: 608793
Medium: Not reported
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 15
Material Units: GALLON
Date Received: 10/08/2008
Contact Name: Osborn
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported

PACIFIC XPRESS (Continued) **S108023782**

Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA Financial Assurance 1:

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2015
Expiration Date:	12/31/2016
Address 2:	Not reported
Policy Number:	BTA-9988946-04
Effective Date:	12/31/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE
Inception Date:	12/31/2016
Expiration Date:	12/31/2017
Address 2:	Not reported
Policy Number:	BTA-9988946-05
Effective Date:	12/31/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2016
Expiration Date:	12/31/2017
Address 2:	Not reported
Policy Number:	BTA 9988946-05
Effective Date:	12/31/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported

PACIFIC XPRESS (Continued) **S108023782**

Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2017
Expiration Date:	12/31/2018
Address 2:	Not reported
Policy Number:	BTA 9988946-06
Effective Date:	12/31/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	11/28/2018
Expiration Date:	12/31/2019
Address 2:	Not reported
Policy Number:	BTA 9988946-07
Effective Date:	11/28/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

PTAP:

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW025
FSID Number:	48521859
Entry Date:	04/20/2018
Status:	In Progress

A2 Target Property **PACIFIC XPRESS**
4310 PACIFIC HWY E
FIFE, WA 98424

FINDS **1007069902**
N/A

Site 2 of 4 in cluster A

Actual: 14 ft.

FINDS:
Registry ID: 110015465076

PACIFIC XPRESS (Continued) **1007069902**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A3 Target Property | **EXPRESS STOP** | **EDR Hist Auto** | **1020770745**
4310 PACIFIC HWY E | **N/A**
FIFE, WA 98424

Site 3 of 4 in cluster A

Actual: 14 ft.

EDR Hist Auto

Year:	Name:	Type:
1972	FIFE SERVICE & TOWING	Gasoline Service Stations
1973	FIFE SERVICE & TOWING	Gasoline Service Stations
1974	FIFE SERVICE & TOWING	Gasoline Service Stations
1975	FIFE SERVICE & TOWING	Gasoline Service Stations
1976	FIFE SERVICE & TOWING	Gasoline Service Stations
1977	FIFE SERVICE & TOWING	Gasoline Service Stations
1978	FIFE SERVICE & TOWING	Gasoline Service Stations
1979	FIFE SERVICE & TOWING	Gasoline Service Stations
1980	FIFE SERVICE & TOWING	Gasoline Service Stations
1982	FIFE SERVICE & TOWING	Gasoline Service Stations
1983	FIFE SERVICE & TOWING	Gasoline Service Stations
1985	FIFE SERVICE & TOWING	Gasoline Service Stations
1986	FIFE SERVICE & TOWING	Gasoline Service Stations
1987	FIFE SERVICE & TOWING	Gasoline Service Stations
1988	FIFE SERVICE & TOWING	Gasoline Service Stations
1989	FIFE SERVICE & TOWING	Gasoline Service Stations, NEC
1990	FIFE SERVICE & TOWING	Gasoline Service Stations, NEC
1991	PACIFIC EXPRESS 30	Gasoline Service Stations, NEC
1992	PACIFIC EXPRESS 30	Gasoline Service Stations, NEC
1993	SOUTH CENTER OIL INC	Gasoline Service Stations, NEC
1994	SOUTH CENTER OIL INC	Gasoline Service Stations, NEC
1995	SOUTH CENTER OIL INC	Gasoline Service Stations, NEC
1996	SOUTH CENTER OIL INC	Gasoline Service Stations, NEC
1997	SOUTH CENTER OIL INC	Gasoline Service Stations, NEC
2001	EXPRESS STOP	Gasoline Service Stations, NEC
2002	EXPRESS STOP	Gasoline Service Stations, NEC
2003	EXPRESS STOP	Gasoline Service Stations, NEC
2004	EXPRESS STOP	Gasoline Service Stations, NEC
2005	EXPRESS STOP	Gasoline Service Stations, NEC
2006	EXPRESS STOP	Gasoline Service Stations, NEC
2006	LUX AUTOMOTIVE MOTOR VEHI	General Automotive Repair Shops
2007	LUX AUTOMOTIVE MOTOR VEHI	General Automotive Repair Shops
2007	EXPRESS STOP	Gasoline Service Stations, NEC
2008	EXPRESS STOP	Gasoline Service Stations, NEC
2008	LUX AUTOMOTIVE MOTOR VEHI	General Automotive Repair Shops
2009	LUX AUTOMOTIVE MOTOR VEHI	General Automotive Repair Shops

EXPRESS STOP (Continued) **1020770745**

2009	EXPRESS STOP	Gasoline Service Stations, NEC
2010	LUX AUTOMOTIVE MOTOR VEHI	General Automotive Repair Shops
2010	EXPRESS STOP	Gasoline Service Stations, NEC
2011	EXPRESS STOP	Gasoline Service Stations, NEC
2011	LUX AUTOMOTIVE MOTOR VEHI	General Automotive Repair Shops
2012	EXPRESS STOP	Gasoline Service Stations, NEC
2013	EXPRESS STOP	Gasoline Service Stations, NEC
2014	EXPRESS STOP	Gasoline Service Stations, NEC

A4 Target Property **PETROCARD INC** **WA UST** **U003378474**
4310 PACIFIC HWY E **N/A**
FIFE, WA 98424

Site 4 of 4 in cluster A

Actual: 14 ft.

UST:

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	48521859
Site Id:	7365
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2428198029122
Decimal Longitude:	-122.370473116767
Tank Name:	1
Tag Number:	A3973
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424

PETROCARD INC (Continued) **U003378474**

Tank Name:	2
Tag Number:	A3973
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	3
Tag Number:	A3973
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

PETROCARD INC (Continued) **U003378474**

Dispencer/Pump SFC Type:	Not reported
Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	4
Tag Number:	A3973
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	08/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Main
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	5
Tag Number:	A3973
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	08/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Auxiliary
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump

PETROCARD INC (Continued) **U003378474**

Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	6
Tag Number:	A3973
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	08/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	7 - Retail Diesel
Tag Number:	A3973
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	08/01/1990
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	10/31/2018
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm

PETROCARD INC (Continued) **U003378474**

Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	8 - Truck Diesel
Tag Number:	A3973
Tank Status:	Removed
Tank Status Date:	04/18/2018
Tank Install Date:	08/01/1990
Tank Closure Date:	04/18/2018
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
, WA
< 1/8
1 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Puyallup Reservation
Agency:	BIA

B5 **FIFE TRANSMISSIONS** **EDR Hist Auto** **1021686059**
ENE **4401 PACIFIC HWY E** **N/A**
< 1/8 **TACOMA, WA 98424**
0.017 mi.
92 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
14 ft.

EDR Hist Auto

Year:	Name:	Type:
1987	DONS TRANSMISSION SERVI	Automotive Repair Shops, NEC
1988	DONS TRANSMISSION SERVI	Automotive Repair Shops, NEC
2001	FIFE TRANSMISSIONS	Automotive Transmission Repair Shops
2002	FIFE TRANSMISSIONS	Automotive Transmission Repair Shops
2003	FIFE TRANSMISSIONS	Automotive Transmission Repair Shops

B6 **GENERAL WELDING SUPPLY CO FIFE** **WA ALLSITES** **1007061978**
ENE **4405 PACIFIC HWY E** **FINDS** **N/A**
< 1/8 **FIFE, WA 98424**
0.021 mi.
109 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
14 ft.

ALLSITES:

Name:	GENERAL WELDING SUPPLY CO FIFE
Facility Id:	98423745

FINDS:

Registry ID: 110015385082

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

C7 ENE < 1/8 0.032 mi. 168 ft. | **PETROLEUM PRODUCTS INC**
4419 PACIFIC HWY E
TACOMA, WA 98424 | **EDR Hist Auto** | **1021494564**
N/A

Site 1 of 3 in cluster C

Relative: Higher

Actual: 15 ft.

EDR Hist Auto

Year:	Name:	Type:
1971	PETROLEUM PRODUCTS INC	Gasoline Service Stations
1972	PETROLEUM PRODUCTS INC	Gasoline Service Stations
1973	PETROLEUM PRODUCTS INC	Gasoline Service Stations
1974	PETROLEUM PRODUCTS INC	Gasoline Service Stations
1975	PETROLEUM PRODUCTS INC	Gasoline Service Stations

C8 ENE < 1/8 0.044 mi. 231 ft. | **VERIZON WIRELESS FIFE**
4501 PACIFIC HWY E
FIFE, WA 98424 | **WA ALLSITES**
WA SPILLS
WA ASBESTOS | **S107475598**
N/A

Site 2 of 3 in cluster C

Relative: Higher

Actual: 15 ft.

ALLSITES:

Name:	VERIZON WIRELESS FIFE
Facility Id:	6939311

SPILLS:

Name:	DOUGLAS BROADCASTING OF SEATTLE
Address:	4501 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	510173
Medium:	Not reported
Material Desc:	PETROLEUM - FUEL OIL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	04/04/2000
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

ASBESTOS:

Name:	Not reported
Address:	4501 PACIFIC HIGHWAY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant Building
Parent ID:	148738
Form ID:	149226##1022FSGSS941368
Notice Date:	09/19/2017
Start Date:	09/18/2017

VERIZON WIRELESS FIFE (Continued) **S107475598**

Completion Date:	10/15/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:30 AM
Site Hours End:	3:30 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Daniel Ross
Project Form Email:	bailey@fsandgs.com, charlie@fsandgs.com
Property Owner Name:	Turnipseed Investments, LLC
Property Owner Agent:	Russ Lloyd
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	4411 Pacific Highway East
Property Owner City:	Fife
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-906-7453
Job Site Room:	Not reported
Facility Age:	1940
Facility Size:	12,000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	1
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	120
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	1
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

VERIZON WIRELESS FIFE (Continued) **S107475598**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project placed on hold 9/18/17. Project amended to change job site address, incorrect information initially provided to us by contractor.
Date Time Submitted:	2017-09-19 13:05:16
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Ducting/Duct Insulation, Mag/mudded pipe Insulation, Vinyl Asbestos Tile
Supervisor:	Daniel Ross ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4501 PACIFIC HIGHWAY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant Building
Parent ID:	148738
Form ID:	149252##1022FSGSS857126
Notice Date:	09/20/2017
Start Date:	09/20/2017
Completion Date:	10/15/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:30 AM
Site Hours End:	3:30 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1

VERIZON WIRELESS FIFE (Continued) **S107475598**

Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Daniel Ross
Project Form Email:	bailey@fsandgs.com, charlie@fsandgs.com
Property Owner Name:	Turnipseed Investments, LLC
Property Owner Agent:	Russ Lloyd
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	4411 Pacific Highway East
Property Owner City:	Fife
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-906-7453
Job Site Room:	Not reported
Facility Age:	1940
Facility Size:	12,000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	1
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	120
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	1
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported

VERIZON WIRELESS FIFE (Continued) **S107475598**

Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project placed on hold 9/18/17. Project amended to change job site address, incorrect information initially provided to us by contractor.
Date Time Submitted:	2017-09-20 08:09:03
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Ducting/Duct Insulation, Mag/mudded pipe Insulation, Vinyl Asbestos Tile
Supervisor:	Daniel Ross ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4501 PACIFIC HIGHWAY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant Building
Parent ID:	148738
Form ID:	149452##1022FSGSS831587
Notice Date:	09/25/2017
Start Date:	09/22/2017
Completion Date:	09/22/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:30 AM
Site Hours End:	3:30 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Daniel Ross
Project Form Email:	bailey@fsandgs.com, charlie@fsandgs.com
Property Owner Name:	Turnipseed Investments, LLC
Property Owner Agent:	Russ Lloyd
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	4411 Pacific Highway East
Property Owner City:	Fife
Property Owner State:	WA
Property Owner Zip4:	98424

VERIZON WIRELESS FIFE (Continued) **S107475598**

Property Owner Phone:	253-906-7453
Job Site Room:	Not reported
Facility Age:	1940
Facility Size:	12,000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	1
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	120
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	1
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project placed on hold 9/18/17. Project amended to change job site address, incorrect information initially provided to us by contractor. Project placed on hold 9/21/17. project taken off hold 9/22/17.

VERIZON WIRELESS FIFE (Continued) **S107475598**

	Project completed 9/22/17.
Date Time Submitted:	2017-09-25 08:26:47
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Ducting/Duct Insulation, Mag/mudded pipe Insulation, Vinyl Asbestos Tile
Supervisor:	Daniel Ross ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4501 PACIFIC HIGHWAY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant Building
Parent ID:	148738
Form ID:	149380##1022FSGSS755559
Notice Date:	09/22/2017
Start Date:	09/22/2017
Completion Date:	10/15/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:30 AM
Site Hours End:	3:30 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Daniel Ross
Project Form Email:	bailey@fsandgs.com, charlie@fsandgs.com
Property Owner Name:	Turnipseed Investments, LLC
Property Owner Agent:	Russ Lloyd
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	4411 Pacific Highway East
Property Owner City:	Fife
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-906-7453
Job Site Room:	Not reported
Facility Age:	1940
Facility Size:	12,000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1600

VERIZON WIRELESS FIFE (Continued) **S107475598**

Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	1
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	120
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	1
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project placed on hold 9/18/17. Project amended to change job site address, incorrect information initially provided to us by contractor. Project placed on hold 9/21/17. project taken off hold 9/22/17.
Date Time Submitted:	2017-09-22 08:58:47
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Ducting/Duct Insulation, Mag/mudded pipe Insulation, Vinyl Asbestos Tile
Supervisor:	Daniel Ross ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

VERIZON WIRELESS FIFE (Continued) **S107475598**

Name:	Not reported
Address:	4501 PACIFIC HIGHWAY E
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant Building
Parent ID:	148738
Form ID:	149313##1022FSGSS806351
Notice Date:	09/21/2017
Start Date:	09/20/2017
Completion Date:	10/15/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:30 AM
Site Hours End:	3:30 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Daniel Ross
Project Form Email:	bailey@fsandgs.com, charlie@fsandgs.com
Property Owner Name:	Turnipseed Investments, LLC
Property Owner Agent:	Russ Lloyd
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	4411 Pacific Highway East
Property Owner City:	Fife
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-906-7453
Job Site Room:	Not reported
Facility Age:	1940
Facility Size:	12,000
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	1
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	120

VERIZON WIRELESS FIFE (Continued) **S107475598**

Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	1
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project placed on hold 9/18/17. Project amended to change job site address, incorrect information initially provided to us by contractor. Project placed on hold 9/21/17.
Date Time Submitted:	2017-09-21 08:17:18
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Ducting/Duct Insulation, Mag/mudded pipe Insulation, Vinyl Asbestos Tile
Supervisor:	Daniel Ross ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

C9 **M BEST CLEANERS CLEANERS** **EDR Hist Cleaner** **1014532182**
East **4420 PACIFIC HWY E** **N/A**
< 1/8 **FIFE, WA 98424**
0.044 mi.
232 ft. **Site 3 of 3 in cluster C**

Relative: EDR Hist Cleaner
Higher

Actual:
15 ft.

Year:	Name:	Type:
2004	M BEST CLEANERS CLEANERS	CLEANERS
2010	M BEST CLEANERS CLEANERS	CLEANERS

D10 SW < 1/8 0.069 mi. 363 ft. — **LARSON AUTOMOTIVE FIFE** — **WA ALLSITES** — **S110700690** / **N/A**
1701 ALEXANDER AVE E
FIFE, WA 98424

Site 1 of 2 in cluster D

Relative: Higher
Actual: 15 ft.

ALLSITES:

Name:	LARSON AUTOMOTIVE FIFE
Facility Id:	4431

E11 NNE < 1/8 0.077 mi. 409 ft. — **PERNELLE TURNIPSEED (AKA BJ'S BINGO)** — **INDIAN UST** — **1018149899** / **N/A**
1502 44TH AVE. E.
FIFE, WA 98424

Site 1 of 2 in cluster E

Relative: Higher
Actual: 14 ft.

Indian UST:

Region:	10
Facility ID:	4130003
Name:	PERNELLE TURNIPSEED (AKA BJ'S BINGO)
Address:	1502 44TH AVE. E.
City,State,Zip:	FIFE, WA 98424
Tank ID:	1
Alternate Tank ID:	Not reported
Installation Date:	11/1/1979
Tank Status:	Permanently Out of Use
Content:	Petroleum : Diesel
Federally Regulated:	True
Owner Name:	BIA - Puget Sound Agency
Latitude:	47.244093999999997
Longitude:	-122.371483

F12 NW < 1/8 0.089 mi. 471 ft. — **SUSAN KAELIN PROPERTY** — **WA ALLSITES** — **S105150076**
WA CSCSL NFA — **N/A**
1409 ALEXANDER AVE E
FIFE, WA 98424

Site 1 of 2 in cluster F

Relative: Lower
Actual: 13 ft.

ALLSITES:

Name:	SUSAN KAELIN PROPERTY
Facility Id:	84439736

CSCSL NFA:

Name:	SUSAN KAELIN PROPERTY
Address:	1409 ALEXANDER AVE E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	84439736
CS Id:	3617
NFA Date:	11/20/2001
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported

SUSAN KAELIN PROPERTY (Continued) **S105150076**

Air: Not reported
Bedrock: Not reported
Latitude: 47.244591
Longitude: -122.372791

F13 NW < 1/8 0.089 mi. 471 ft. **SUSAN KAELIN PROPERTY** **WA VCP** **S124436212**
1409 ALEXANDER AVE E **N/A**
FIFE, WA 98424

Site 2 of 2 in cluster F

Relative: Lower
Actual: 13 ft.

VCP:
Name: SUSAN KAELIN PROPERTY
Address: 1409 ALEXANDER AVE E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 84439736
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2001-11-20
Rank: Not reported
Cleanup Siteid: 3617
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated

G14 NE < 1/8 0.095 mi. 503 ft. **AUTOMOTIVE ENVIRONMENTAL** **WA ALLSITES** **1007728342**
4500 15TH AVE NE, UNIT A **FINDS** **N/A**
TACOMA, WA 98424 **ECHO**

Site 1 of 3 in cluster G

Relative: Higher
Actual: 14 ft.

ALLSITES:
Name: AUTOMOTIVE ENV SVS ROMIC US LIQUIDS
Facility Id: 2876480

FINDS:
Registry ID: 110018850055

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

AUTOMOTIVE ENVIRONMENTAL (Continued) **1007728342**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007728342
Registry ID:	110018850055
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018850055
Name:	AUTOMOTIVE ENVIRONMENTAL
Address:	4500 15TH AVE NE, UNIT A
City,State,Zip:	TACOMA, WA 98424

G15 **AUTOMOTIVE ENVIRONMENTAL** **RCRA NonGen / NLR** **1000982914**
NE **4500 15TH ST E STE A** **WA MANIFEST** **WA0000927525**
< 1/8 **TACOMA, WA 98424**
0.095 mi.
503 ft. **Site 2 of 3 in cluster G**

Relative:
Higher

Actual:
14 ft.

RCRA Listings:

Date Form Received by Agency:	2007-02-16 00:00:00.0
Handler Name:	AUTOMOTIVE ENVIRONMENTAL
Handler Address:	4500 15TH ST E STE A
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WA0000927525
Contact Name:	JANIS GRAVES
Contact Address:	4500 15TH ST E STE A
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-926-0580
Contact Fax:	Not reported
Contact Email:	JANISG@ROMIC.COM
Contact Title:	CUSTOMER SERVICE REPRESENTATIVE
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4500 15TH ST E STE A

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	ROMIC ERP ENVIRONMENTAL
Owner Type:	Private
Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:51:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year:	2005

Click Here for Biennial Reporting System Data:

Year:	2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1201
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUTOMOTIVE ENVIRONMENTAL SVC
Legal Status:	Private
Date Became Current:	1996-12-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-PACIFIC PROPERTIES, INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1019 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	650-324-1638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUTOMOTIVE ENVIRONMENTAL SVC
Legal Status:	Private
Date Became Current:	1996-12-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405
Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	650-324-1638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	650-324-1638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1201
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONME R
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303-0666
Owner/Operator Telephone:	650-324-1638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	1999-01-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405
Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303-0666
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIR R
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	650-324-1638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	650-324-1638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405
Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405
Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405
Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUTOMOTIVE ENVIRONMENTAL SVC
Legal Status:	Private
Date Became Current:	1996-12-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROMIC ENVIRONMENTAL TECHNOLOGIES
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2081 BAY ROAD
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303-0666
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANS-PACIFIC PROPERTIES, INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1019 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	1999-01-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Legal Status:	Private
Date Became Current:	1999-01-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 15TH ST E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2409 S CEDAR
Owner/Operator City,State,Zip:	TACOMA, WA 98405
Owner/Operator Telephone:	253-627-1543
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC US LIQUIDS CORP
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTIFREEZE ENVIRONMENTAL SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 50757
Owner/Operator City,State,Zip:	EAST PALO ALTO, CA 94303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROMIC ERP ENVIRONMENTAL
Legal Status:	Private
Date Became Current:	2002-08-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4500 A 15TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-0580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	1996-06-21 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-15 00:00:00.0
Handler Name:	AUTOMOTIVE ENVIRONMENTAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-16 00:00:00.0
Handler Name:	AUTOMOTIVE ENVIRONMENTAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-06-21 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-28 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-05 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-12-31 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-10 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-11 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-08-14 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Receive Date:	2003-01-23 00:00:00.0
Handler Name:	ROMIC US LIQUIDS CORP DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-24 00:00:00.0
Handler Name:	ROMIC ENVIRONMENTAL DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-18 00:00:00.0
Handler Name:	ROMIC ENVIRONMENTAL DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-13 00:00:00.0
Handler Name:	AUTOMOTIVE ENVIRONMENTAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-15 00:00:00.0
Handler Name:	AUTOMOTIVE ENVIRONMENTAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	ROMIC ENVIRONMENTAL DBA AUTOMOTIVE ENV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	AUTOMOTIVE ENVIRONMENTAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42393
NAICS Description:	RECYCLABLE MATERIAL MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1995-02-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: WALAB
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2004-12-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAAME
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2007-11-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: WAALF
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA MANIFEST:

Name:	AUTOMOTIVE ENVIRONMENTAL
Address:	4500 15TH ST E STE A
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	46533152
EPA ID:	WA0000927525
NAICS:	42393
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	5-16-06 Amended report to remove dba from Site Name. TW
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 1220
Tax Reg #:	602319137
Business Type:	Chemical Recycler
Mail Name:	Romic Environmental dba Automotive Env
Mailing Address:	4500 15th St E Ste A
Mailing City,State,Zip:	Tacoma, WA 98424-1201
Legal Organization Name:	Romic ERP Environmental
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4500 15th St E Ste A
Legal Address 2:	Not reported

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Legal City,State,Zip:	Tacoma, WA 98424
Legal Phone Number:	(253)926-0580
Legal Effective Date:	08/14/2002
Land Organization Name:	Trans-Pacific Properties, Inc
Land Organization Type:	Private
Land Contact:	Tyson V Johnson
Land Address:	1019 Pacific Ave
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253) 922-9333
Operator Organization Name:	Romic Environmental Technologies
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2081 Bay Road
Operator Address 2:	Not reported
Operator City,State,Zip:	East Palo Alto, CA 94303-0666
Operator Phone Number:	(650) 324-1638
Operator Effective Date:	01/01/1999
Site Contact:	Dale Reimer
Site Contact Address:	4500 15th St E Ste A
Contact City,State,Zip:	Tacoma, WA 98424-1201
Site Contact Phone Number:	(253)926-0580
Site Contact Email:	daler@romic.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	TRUE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	TRUE
Used Oil Transfer Facility:	TRUE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	AUTOMOTIVE ENVIRONMENTAL
Address:	4500 15TH ST E STE A
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	46533152
EPA ID:	WA0000927525
NAICS:	42393
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	5-16-06 Amended report to remove dba from Site Name. TW
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601945005
Business Type:	Chemical Recycler
Mail Name:	Romic Environmental dba Automotive Env
Mailing Address:	4500 15th St E Ste A
Mailing City,State,Zip:	Tacoma, WA 98424-1201
Legal Organization Name:	Romic ERP Environmental
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4500 15th St E Ste A
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98424
Legal Phone Number:	(253)926-0580
Legal Effective Date:	08/14/2002
Land Organization Name:	Port of Tacoma Associates
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2409 S Cedar
Land City,State,Zip:	Tacoma, WA 98405
Land Phone Number:	(253)627-1543
Operator Organization Name:	Romic Environmental Technologies
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2081 Bay Road
Operator Address 2:	Not reported
Operator City,State,Zip:	East Palo Alto, CA 94303-0666
Operator Phone Number:	(650) 324-1638
Operator Effective Date:	01/01/1997
Site Contact:	Dale Reimer
Site Contact Address:	4500 15th St E Ste A
Contact City,State,Zip:	Tacoma, WA 98424-1201
Site Contact Phone Number:	(253)926-0580
Site Contact Email:	daler@romic.com
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	Yes
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No

AUTOMOTIVE ENVIRONMENTAL (Continued) **1000982914**

Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No
Site Contact Address 2: Not reported

D16
SW
< 1/8
0.097 mi.
512 ft.

NISSAN OF FIFE **WA ALLSITES** **S109824784**
1700 ALEXANDER AVE E **N/A**
TACOMA, WA 98424

Site 2 of 2 in cluster D

Relative:
Higher

Actual:
15 ft.

ALLSITES:
Name: NISSAN OF FIFE
Facility Id: 23555

E17
NNE
< 1/8
0.109 mi.
573 ft.

B & J BINGO **WA UST** **U003354640**
4401 15TH ST E **WA ALLSITES** **N/A**
TACOMA, WA 98424

Site 2 of 2 in cluster E

Relative:
Higher

Actual:
14 ft.

UST:
Name: B & J BINGO
Address: 4401 15TH ST E
City: TACOMA
Zip: 98424
Facility ID: 11115839
Site Id: 4814
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.244061
Decimal Longitude: -122.371443

Tank Name: TTI
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: 01/01/1991
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Sacrificial Anode
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported

B & J BINGO (Continued) **U003354640**

Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: CONWAY WESTERN EXPRESS UTA
Facility Id: 11115839

G18 **TT2 APR FORWARDERS INC** **WA UST** **U003354641**
NE **4503 15TH ST E** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98424**
0.113 mi.
597 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
14 ft.

UST:
Name: TT2 APR FORWARDERS INC
Address: 4503 15TH ST E
City: TACOMA
Zip: 98424
Facility ID: 23421417
Site Id: 4815
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.244062
Decimal Longitude: -122.369843

Tank Name: TT2
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Sacrificial Anode
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: TT2 APR FORWARDERS INC
Facility Id: 23421417

19 WNW < 1/8 0.115 mi. 605 ft. | **GCR TIRE CENTER 4247**
4107 PACIFIC HWY E
TACOMA, WA 98424 | **WA ALLSITES** **S108701830**
WA ASBESTOS **N/A**

Relative: Higher

Actual: 14 ft.

ALLSITES:

Name:	GCR TIRE CENTER 4247
Facility Id:	2418556

ASBESTOS:

Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	0
Form ID:	137871##1022FSGSS726523
Notice Date:	01/31/2017
Start Date:	02/10/2017
Completion Date:	02/28/2017
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	2:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-01-31 08:15:46
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138942##1022FSGSS319326

GCR TIRE CENTER 4247 (Continued) **S108701830**

Notice Date:	02/22/2017
Start Date:	02/13/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	4:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17. Amended to take project off hold 2-13-17 Project completed 2-21-17
Date Time Submitted:	2017-02-22 14:24:54
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138366##1022FSGSS364606
Notice Date:	02/10/2017
Start Date:	02/10/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	2:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1

GCR TIRE CENTER 4247 (Continued) **S108701830**

Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1

GCR TIRE CENTER 4247 (Continued) **S108701830**

Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17.
Date Time Submitted:	2017-02-10 08:49:24
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138448##1022FSGSS450080
Notice Date:	02/13/2017
Start Date:	02/13/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	4:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720

GCR TIRE CENTER 4247 (Continued) **S108701830**

Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17. Amended to take project off hold 2-13-17
Date Time Submitted:	2017-02-13 08:14:50
Submitter IP Address:	209.210.181.140

GCR TIRE CENTER 4247 (Continued) **S108701830**

Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

---

20 ENE < 1/8 0.119 mi. 627 ft. **WESTERN PETERBILT INC FIFE WA** **1000891954**
1410 46TH AVE E **WA ALLSITES** **WA0000230813**
FIFE, WA 98424 **RCRA NonGen / NLR**
FINDS
ECHO

Relative: Higher
Actual: 15 ft.

ALLSITES:

Name:	WESTERN PETERBILT INC FIFE WA
Facility Id:	98618345

RCRA Listings:

Date Form Received by Agency:	1997-07-08 00:00:00.0
Handler Name:	WESTERN PETERBILT INC FIFE WA
Handler Address:	1410 46TH AVE E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WA0000230813
Contact Name:	JW ELLIS III
Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	206-624-7383
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	COLES, JIM
Owner Type:	Private
Operator Name:	ELLIS III, JW
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

WESTERN PETERBILT INC FIFE WA (Continued) **1000891954**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-26 15:30:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLES, JIM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTERN PETERBILT INC FIFE WA (Continued) **1000891954**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PP
Owner/Operator Name:	JW ELLIS III
Legal Status:	Other
Date Became Current:	1996-08-01 00:00:00.
Date Ended Current:	2006-11-03 00:00:00.
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLES, JIM
Legal Status:	Private
Date Became Current:	1996-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLES, JIM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELLIS III, JW
Legal Status:	Private
Date Became Current:	1996-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLES, JIM
Legal Status:	Private
Date Became Current:	1996-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424

WESTERN PETERBILT INC FIFE WA (Continued) **1000891954**

Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	PO
Owner/Operator Name:	JIM COLES
Legal Status:	Other
Date Became Current:	1996-08-01 00:00:00.
Date Ended Current:	2006-11-03 00:00:00.
Owner/Operator Address:	3443 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-07-07 00:00:00.0
Handler Name:	WESTERN PETERBILT INC FIFE WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-07-08 00:00:00.0
Handler Name:	WESTERN PETERBILT INC FIFE WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC FIFE WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESTERN PETERBILT INC FIFE WA (Continued) **1000891954**

Receive Date:	1996-02-28 00:00:00.0
Handler Name:	WESTERN PETERBILT INC FIFE WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-07 00:00:00.0
Handler Name:	WESTERN PETERBILT INC FIFE WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53212
NAICS Description:	TRUCK, UTILITY TRAILER, AND RV (RECREATIONAL VEHICLE) RENTAL AND LEASING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005304483

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

WESTERN PETERBILT INC FIFE WA (Continued) **1000891954**

Envid:	1000891954
Registry ID:	110005304483
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005304483
Name:	WESTERN PETERBILT INC FIFE WA
Address:	1410 46TH AVE E
City,State,Zip:	FIFE, WA 98424

H21 **BUCKYS FIFE** **WA ALLSITES** **1001600623**
East **4600 PACIFIC HWY E** **RCRA NonGen / NLR** **WAD988524476**
< 1/8 **TACOMA, WA 98424** **FINDS**
0.120 mi. **ECHO**
631 ft. **Site 1 of 6 in cluster H**

Relative:
Higher

Actual:
15 ft.

ALLSITES:

Name:	BUCKYS FIFE
Facility Id:	39173864

RCRA Listings:

Date Form Received by Agency:	2005-03-01 00:00:00.0
Handler Name:	BUCKYS FIFE
Handler Address:	4600 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988524476
Contact Name:	KAYLA REITMEIER
Contact Address:	4711 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-1945
Contact Fax:	Not reported
Contact Email:	BARBUCKY1@QWEST.NET
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4711 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	BUCKYS FIFE
Owner Type:	Private
Operator Name:	AUSTIN, DENNIS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

BUCKYS FIFE (Continued) **1001600623**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 16:18:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DENNIS A
Legal Status:	Private
Date Became Current:	1996-07-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator City,State,Zip:	FIFE, WA 98424-2620
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4600 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4600 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4600 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private

BUCKYS FIFE (Continued) **1001600623**

Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DENNIS A
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4600 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private

BUCKYS FIFE (Continued) **1001600623**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DENNIS AUSTIN
Legal Status:	Private
Date Became Current:	1996-07-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2620
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4600 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4600 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW

BUCKYS FIFE (Continued) **1001600623**

Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BUCKYS FIFE
Legal Status:	Private
Date Became Current:	1993-06-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4711 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1945
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private

BUCKYS FIFE (Continued) **1001600623**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9606 BEACH WOOD DR NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98337
Owner/Operator Telephone:	206-884-4747
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-28 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-01 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

BUCKYS FIFE (Continued) **1001600623**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-05 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-02 00:00:00.0

BUCKYS FIFE (Continued) **1001600623**

Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-05 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-03 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-25 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

BUCKYS FIFE (Continued) **1001600623**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-27 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	BUCKYS FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

BUCKYS FIFE (Continued) **1001600623**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811112
NAICS Description: AUTOMOTIVE EXHAUST SYSTEM REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005389123

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001600623
Registry ID: 110005389123
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005389123
Name: BUCKYS FIFE
Address: 4600 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424

H22 **B BUCKYS MUFFLERS BRAKESRDTRS AUTO RPR & SERV** **EDR Hist Auto** **1014534099**
East **4600 PACIFIC HWY E** **N/A**
< 1/8 **FIFE, WA 98424**
0.120 mi.
631 ft. **Site 2 of 6 in cluster H**

Relative: EDR Hist Auto
Higher

Actual:
15 ft.

Year:	Name:	Type:
1996	FIFE MUFFLER BRAKES RADIATOR	General Automotive Repair Shops
1997	FIFE MUFFLER BRAKES RADIATOR	General Automotive Repair Shops
1998	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops

B BUCKYS MUFFLERS BRAKESRDTRS AUTO RPR & SERV (Continued) **1014534099**

1999	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2000	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2001	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2002	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2003	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2004	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2005	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2006	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2007	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2008	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2009	BUCKYS MIDWAY MUFFLER & RAD	General Automotive Repair Shops
2010	B BUCKYS MUFFLERS BRAKESRDTRS A	AUTOMOBILE REPAIRING & SERVICE
2010	MIDWAY MUFFLER AND RAD INC	General Automotive Repair Shops
2011	MIDWAY MUFFLER AND RAD INC	General Automotive Repair Shops
2012	MIDWAY MUFFLER AND RAD INC	General Automotive Repair Shops
2013	MIDWAY MUFFLER AND RAD INC	General Automotive Repair Shops
2014	MIDWAY MUFFLER AND RAD INC	General Automotive Repair Shops

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H23 **OLSONS BODY SHOP** **WA ALLSITES** **1000338146**
East **4602 PACIFIC HWY E** **RCRA NonGen / NLR** **WAD981761299**
< 1/8 **FIFE, WA 98424** **FINDS**
0.120 mi. **ECHO**
635 ft. **Site 3 of 6 in cluster H**

Relative:
Higher

Actual:
15 ft.

ALLSITES:
Name: OLSONS BODY SHOP
Facility Id: 45145974

RCRA Listings:

Date Form Received by Agency:	1986-12-12 00:00:00.0
Handler Name:	OLSONS BODY SHOP
Handler Address:	4602 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424-2610
EPA ID:	WAD981761299
Contact Name:	OLSONS BODY SHO OLSONS BODY SHO
Contact Address:	4602 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424-2610
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4602 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424-2610
Owner Name:	OLSONS BODY SHO O
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No

OLSONS BODY SHOP (Continued) **1000338146**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:23.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

OLSONS BODY SHOP (Continued) **1000338146**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLSONS BODY SHOP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4602 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLSONS BODY SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4602 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLSONS BODY SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4602 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4602 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2610
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLSONS BODY SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4602 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2610
Owner/Operator Telephone:	000-000-0000

OLSONS BODY SHOP (Continued) **1000338146**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLSONS BODY SHO O
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4602 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2610
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1986-12-12 00:00:00.0
Handler Name:	OLSONS BODY SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1986-12-12 00:00:00.0
Handler Name:	OLSONS BODY SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1986-12-12 00:00:00.0
Handler Name:	OLSONS BODY SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

OLSONS BODY SHOP (Continued) **1000338146**

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005340336

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000338146
Registry ID: 110005340336
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005340336
Name: OLSONS BODY SHOP
Address: 4602 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424

---

24 West 1/8-1/4 0.132 mi. 695 ft. | **JAGUAR LANDROVER VOLVO OF TACOMA** | **WA ALLSITES** | **S109824523**
1601 40TH AVE CT E | **N/A**
FIFE, WA 98424

Relative: Higher
Actual: 14 ft.

ALLSITES:
Name: JAGUAR LANDROVER VOLVO OF TACOMA
Facility Id: 17288

H25	**VETERANS INDEPENDENT ENT OF WA**	**RCRA-VSQG**	**1000878832**
East	**4630 16TH ST E STE B15**	**WA ALLSITES**	**WAD988521571**
1/8-1/4	**FIFE, WA 98424**	**FINDS**	
0.133 mi.		**ECHO**	
701 ft.	**Site 4 of 6 in cluster H**	**WA MANIFEST**	

Relative:
Higher

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2017-01-24 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Handler Address:	4630 16TH ST E STE B15
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988521571
Contact Name:	SCOTT SCHULZ
Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-5650
Contact Fax:	Not reported
Contact Email:	SSCHULZVIEW@GMAIL.COM
Contact Title:	PRODUCTION MGR.
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	NEIL WALTER CO.
Owner Type:	Private
Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-04 15:30:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424-2666
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALTER NEIL CO
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	1995-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424-2666
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	1995-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424-2666
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	1995-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424-2666
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	1995-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424-2666
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALTER NEIL CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEIL WALTER CO.
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1301 A STR. SUITE 104
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B15
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VETERANS INDEPENDENT ENT OF WA
Legal Status:	Private
Date Became Current:	1996-07-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-564-8559
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALTER NEIL CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5650
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRIBAL LAND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	FIFE BUSINESS CENTER
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-779-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VETERANS INDEPENDENT ENTERPRISES OF WA.
Legal Status:	Private
Date Became Current:	1995-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B16
Owner/Operator City,State,Zip:	FIFE, WA 98424-2666
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-12 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-14 00:00:00.0

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-13 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-18 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-17 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-24 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-01 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-04 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-13 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-17 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-28 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-05 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-02 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-09 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-01-30 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-12 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-27 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-14 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Receive Date:	2013-01-24 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-20 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-27 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-27 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-19 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-04-07 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-04-07 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-24 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENTERPRISES OF WA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	VETERANS INDEPENDENT ENT OF WA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	62431
NAICS Description:	VOCATIONAL REHABILITATION SERVICES
NAICS Code:	624310
NAICS Description:	VOCATIONAL REHABILITATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-03-06 00:00:00.0
Actual Return to Compliance Date:	2003-03-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1993-10-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WAEPF
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-03-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJCA
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: 2003-03-06 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Former Citation:	Not reported
Evaluation Date:	2008-09-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-01-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	VETERANS INDEPENDENT ENT OF WA
Facility Id:	55828232

FINDS:

Registry ID: 110000829694

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Envid:	1000878832
Registry ID:	110000829694
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000829694
Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,F003,F005,D035,D005,D007,D008
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	501 3c Sheltered workshop
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Operator:	SCOTT W SCHULZ
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	SCOTT W SCHULZ
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	sschulzview@gmail.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,F003,F005,D035,D005,D007,D008
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Tax Reg #:	601064518
Business Type:	501 3c Sheltered workshop
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	SCOTT W SCHULZ
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	SCOTT W SCHULZ
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	sschulzview@gmail.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D035,F003,F005
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	501 3c Sheltered workshop
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	SCOTT W SCHULZ
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	SCOTT W SCHULZ
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	sschulz@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D005, D007, D008, D035, F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	501 3c Sheltered workshop
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	SCOTT W SCHULZ
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	SCOTT W SCHULZ
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	501 3c Sheltered workshop
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	Norman K Rodgers
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	Norman K Rodgers
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D005, D007, D008, D035F003, F005
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	Not reported
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	Norman K Rodgers
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	Norman K Rodgers
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	Not reported
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	Norman K Rodgers
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	Norman K Rodgers
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	624310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	Not reported
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	Norman K Rodgers
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	Norman K Rodgers
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	62431
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	Not reported
Mail Name:	Veterans Independent Ent of WA
Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	Norman K Rodgers
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	Norman K Rodgers
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VETERANS INDEPENDENT ENT OF WA
Address:	4630 16TH ST E STE B15
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	55828232
EPA ID:	WAD988521571
NAICS:	62431
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	PO Box 2181
Tax Reg #:	601064518
Business Type:	Not reported
Mail Name:	Veterans Independent Ent of WA

VETERANS INDEPENDENT ENT OF WA (Continued) **1000878832**

Mailing Address:	4630 16TH ST E STE B16
Mailing City,State,Zip:	FIFE, WA 98424-2666
Legal Organization Name:	Neil Walter Co.
Legal Organization Type:	Private
Legal Contact:	HERB BROOKS
Legal Address:	1301 A STR. SUITE 104
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98401
Legal Phone Number:	253-779-8400
Legal Effective Date:	08/01/2001
Land Organization Name:	Tribal Land
Land Organization Type:	TribalLand
Land Contact:	Not reported
Land Address:	Fife Business Center
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)779-8400
Operator Organization Name:	Veterans Independent Enterprises of Wa.
Operator Organization Type:	Private
Operator:	Norman K Rodgers
Operator Address:	4630 16TH ST E STE B16
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-2666
Operator Phone Number:	(253)922-5650
Operator Effective Date:	07/01/1995
Site Contact:	Norman K Rodgers
Site Contact Address:	4630 16TH ST E STE B16
Contact City,State,Zip:	FIFE, WA 98424-2666
Site Contact Phone Number:	(253)922-5650
Site Contact Email:	nrodgers@veteransworkshop.org
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

H26 **PM TESTING LAB INC** **WA ALLSITES** **1000660073**
East **4630 16TH ST E STE B18** **RCRA NonGen / NLR** **WAD988497541**
1/8-1/4 **TACOMA, WA 98424** **FINDS**
0.133 mi. **ECHO**
701 ft. **Site 5 of 6 in cluster H**

Relative:
Higher

Actual:
15 ft.

ALLSITES:

Name:	PM TESTING LAB INC
Facility Id:	87398992

RCRA Listings:

Date Form Received by Agency:	1998-09-04 00:00:00.0
Handler Name:	PM TESTING LAB INC
Handler Address:	4630 16TH ST E STE B18
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988497541
Contact Name:	JOHN MAYA
Contact Address:	4630 16TH ST E STE B18
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1321
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4630 16TH ST E STE B18
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	MURPHIE, PATRICK
Owner Type:	Private
Operator Name:	MURPHIE, PATRICK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

PM TESTING LAB INC (Continued) **1000660073**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:25:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

PM TESTING LAB INC (Continued) **1000660073**

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATRICK M
Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2666
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321

PM TESTING LAB INC (Continued) **1000660073**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEYERS, MARVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 3RD AVE STE 2200
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-624-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2666
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEYERS, MARVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 3RD AVE STE 2200
Owner/Operator City,State,Zip:	SEATTLE, WA 98101-3000
Owner/Operator Telephone:	206-624-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEYERS, MARVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 3RD AVE STE 2200
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-624-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEYERS, MARVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 3RD AVE STE 2200
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-624-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEYERS, MARVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 3RD AVE STE 2200
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-624-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK

PM TESTING LAB INC (Continued) **1000660073**

Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK M
Legal Status:	Private
Date Became Current:	1996-07-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2666
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MEYERS, MARVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 3RD AVE STE 2200
Owner/Operator City,State,Zip:	SEATTLE, WA 98101
Owner/Operator Telephone:	206-624-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18

PM TESTING LAB INC (Continued) **1000660073**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4630 16TH ST E STE B18
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-03 00:00:00.0

PM TESTING LAB INC (Continued) **1000660073**

Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-04 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PM TESTING LAB INC (Continued) **1000660073**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-30 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-29 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-03 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	PM TESTING LAB INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332812
NAICS Description:	METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

PM TESTING LAB INC (Continued) **1000660073**

Date Violation was Determined:	1998-06-04 00:00:00.0
Actual Return to Compliance Date:	1998-06-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-06-04 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-06-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-03-19 00:00:00.0
Actual Return to Compliance Date:	1993-03-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-03-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1993-03-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

PM TESTING LAB INC (Continued) **1000660073**

Date Violation was Determined:	1994-08-11 00:00:00.0
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-08-11 00:00:00.0
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-08-11 00:00:00.0
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

PM TESTING LAB INC (Continued) **1000660073**

Date Violation was Determined:	1994-08-11 00:00:00.0
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-03-19 00:00:00.0
Actual Return to Compliance Date:	1993-03-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-03-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1993-03-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-06-04 00:00:00.0
Actual Return to Compliance Date:	1998-08-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-08-19 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-06-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

PM TESTING LAB INC (Continued) **1000660073**

Date Violation was Determined:	1994-08-11 00:00:00.0
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-03-19 00:00:00.0
Actual Return to Compliance Date:	1993-03-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-03-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1993-03-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-08-11 00:00:00.0
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1994-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-08-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WALGR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-06-04 00:00:00.0
Scheduled Compliance Date:	1998-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-08-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-03-19 00:00:00.0
Scheduled Compliance Date:	1993-03-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Evaluation Date:	1994-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-03-19 00:00:00.0
Scheduled Compliance Date:	1993-03-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC

PM TESTING LAB INC (Continued) **1000660073**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-08-19 00:00:00.0
Scheduled Compliance Date:	1998-08-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-03-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-03-19 00:00:00.0
Scheduled Compliance Date:	1993-03-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-09-11 00:00:00.0
Scheduled Compliance Date:	1994-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC (Continued) **1000660073**

Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110000829435

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000660073
Registry ID: 110000829435
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000829435
Name: PM TESTING LAB INC
Address: 4630 16TH ST E STE B18
City,State,Zip: TACOMA, WA 98424

H27 **JIFFY LUBE 3178** **WA ALLSITES** **S109824846**
East **4670 PACIFIC HWY E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.144 mi.
761 ft. **Site 6 of 6 in cluster H**

Relative:
Higher

Actual:
14 ft.

ALLSITES:
Name: JIFFY LUBE 3178
Facility Id: 6489

Name: JIFFY LUBE STORE 3178
Facility Id: 5860

28 NNW 1/8-1/4 0.159 mi. 842 ft. | **RUSHFORTH CONSTRUCTION CO INC**
1308 ALEXANDER AVE E
TACOMA, WA 98242

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1001490222
WAD009503665

Relative: Lower
Actual: 13 ft.

ALLSITES:

Name:	RUSHFORTH CONSTRUCTION CO INC
Facility Id:	65325229

RCRA Listings:

Date Form Received by Agency:	2003-07-11 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Handler Address:	1308 ALEXANDER AVE E
Handler City,State,Zip:	TACOMA, WA 98242
EPA ID:	WAD009503665
Contact Name:	ROY CUTLER
Contact Address:	6021 12TH ST E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1884
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6021 12TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	RUSHFORTH CONSTRUCTION CO INC
Owner Type:	Private
Operator Name:	RUSHFORTH, RANDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:04:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDY R
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY R
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-10-20 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-10 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-11 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-10-20 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-13 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-08-09 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Receive Date:	2003-07-10 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23622
NAICS Description:	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION
NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110008215733

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490222
Registry ID:	110008215733
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008215733
Name:	RUSHFORTH CONSTRUCTION CO INC
Address:	1308 ALEXANDER AVE E
City,State,Zip:	TACOMA, WA 98242

I29 ENE 1/8-1/4 0.166 mi. 876 ft. | **DAVIS PROPERTY 1408 47TH AVE E FIFE, WA 98424** | **WA ALLSITES WA CSCSL NFA FINDS** | **1007728451 N/A**

Site 1 of 2 in cluster I

Relative: Higher

Actual: 14 ft.

ALLSITES:

Name:	DAVIS PROPERTY
Facility Id:	4029262

CSCSL NFA:

Name:	DAVIS PROPERTY
Address:	1408 47TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	4029262
CS Id:	3823
NFA Date:	01/10/2006
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.244139
Longitude:	-122.365

FINDS:

Registry ID: 110018851143

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I30 ENE 1/8-1/4 0.166 mi. 876 ft. | **DAVIS PROPERTY 1408 47TH AVE E FIFE, WA 98424** | **WA VCP** | **S124434260 N/A**

Site 2 of 2 in cluster I

Relative: Higher

Actual: 14 ft.

VCP:

Name:	DAVIS PROPERTY
Address:	1408 47TH AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE

DAVIS PROPERTY (Continued) **S124434260**

edr_zip:	Not reported
Facility ID:	4029262
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2006-01-10
Rank:	Not reported
Cleanup Siteid:	3823
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

31
NNE
1/8-1/4
0.173 mi.
914 ft.

Relative:
Higher

Actual:
14 ft.

BERTOLINI INDUSTRIES
1222 46TH AVE E
FIFE, WA 98424

WA INST CONTROL **1000104717**
WA ICR **WAD121557482**
WA ALLSITES
WA CSCSL NFA
RCRA NonGen / NLR
FINDS
ECHO

INST CONTROL:

Name:	BERTOLINI INDUSTRIES
Address:	1222 46TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility Site ID:	1367
Latitude:	47.24982
Longitude:	-122.35123
Instrument Type:	Environmental Covenant
NFA Date:	07/17/1996
County Filing # For Individual IC Doc:	9607150463
Filing Date Of Individual IC Doc:	07/15/1996
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	JD Bertolini
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	0320013091; 0320013092; 0320017007; 0320017008
Control Active:	True
CS ID:	545
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	True

BERTOLINI INDUSTRIES (Continued) **1000104717**

ICR:

Date Ecology Received Report:	01/30/95
Contaminants Found at Site:	Metals, Petroleum products
Media Contaminated:	Soil
Waste Management:	Impoundment, Drum, Improper Handling
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-43
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	BERTOLINI INDUSTRIES
Facility Id:	1367

CSCSL NFA:

Name:	BERTOLINI INDUSTRIES
Address:	1222 46TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	1367
CS Id:	545
NFA Date:	07/17/1996
Alternate Site Names:	JD Bertolini
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24982
Longitude:	-122.35123

Name:	BERTOLINI INDUSTRIES
Address:	1222 46TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	1367
CS Id:	545
NFA Date:	07/17/1996
Alternate Site Names:	JD Bertolini
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24982
Longitude:	-122.35123

BERTOLINI INDUSTRIES (Continued) **1000104717**

RCRA Listings:

Date Form Received by Agency:	1998-12-03 00:00:00.0
Handler Name:	BERTOLINI INDUSTRIES
Handler Address:	1222 46TH AVE E
Handler City,State,Zip:	FIFE, WA 98424-1206
EPA ID:	WAD121557482
Contact Name:	JD BERTOLINI JD BERTOLINI
Contact Address:	600 UNIVERSITY ST STE 2111
Contact City,State,Zip:	SEATTLE, WA 98101-1129
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	600 UNIVERSITY ST STE 2111
Mailing City,State,Zip:	SEATTLE, WA 98101-1129
Owner Name:	JD BERTOLINI J
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

BERTOLINI INDUSTRIES (Continued) **1000104717**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:17:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BERTOLINI INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1222 46TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JD BERTOLINI J
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1222 46TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1206
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BERTOLINI INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported

BERTOLINI INDUSTRIES (Continued) **1000104717**

Date Ended Current:	Not reported
Owner/Operator Address:	1222 46TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1222 46TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1206
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1222 46TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1206
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BERTOLINI INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1222 46TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-02-27 00:00:00.0
Handler Name:	BERTOLINI INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

BERTOLINI INDUSTRIES (Continued) **1000104717**

Receive Date:	1998-12-03 00:00:00.0
Handler Name:	BERTOLINI INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-02-27 00:00:00.0
Handler Name:	BERTOLINI INDUSTRIES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332439
NAICS Description:	OTHER METAL CONTAINER MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1990-02-01 00:00:00.0
Actual Return to Compliance Date:	1995-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-03-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADES
Enforcement Responsible Sub-Organization:	SW

BERTOLINI INDUSTRIES (Continued) **1000104717**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1990-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-07-04 00:00:00.0
Scheduled Compliance Date:	1990-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005331220

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000104717
Registry ID:	110005331220
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005331220
Name:	BERTOLINI INDUSTRIES
Address:	1222 46TH AVE E
City,State,Zip:	FIFE, WA 98424

J32 **PM TESTING LAB INC PACIFIC HWY** **RCRA-LQG** **1001234205**
West **3921 PACIFIC HWY E** **WA ALLSITES** **WAH000006213**
1/8-1/4 **TACOMA, WA 98424** **WA CSCSL NFA**
0.176 mi. **FINDS**
930 ft. **Site 1 of 2 in cluster J** **ECHO**
WA MANIFEST

Relative:
Higher

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Handler Address:	3921 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAH000006213
Contact Name:	MATHEW HAGER
Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1321 117
Contact Fax:	Not reported
Contact Email:	MATH@PM-TESTING.COM
Contact Title:	EHS & FACILITIES MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	3921 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	MURPHIE, PATRICK
Owner Type:	Private
Operator Name:	WALDEN, SKYLER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F019
Waste Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALDEN, GERALD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALDEN, GERALD
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALDEN, SKYLER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Historic Generators:

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-17 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-18 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-07 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-12 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-09 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-06 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-22 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-05-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-20 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-24 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-07-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-25 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-03-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-17 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-18 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-23 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-07 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code:	54199
NAICS Description:	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

NAICS Code:	541990
NAICS Description:	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	2019-04-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2004-03-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-03-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	2011-05-19 00:00:00.0
Actual Return to Compliance Date:	2011-06-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-07-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-06-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2013-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Large Quantity Handlers
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Action Summary:

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2019-04-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-03-03 00:00:00.0
Scheduled Compliance Date:	2004-03-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-28 00:00:00.0
Scheduled Compliance Date:	2011-07-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-02-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-12-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-12-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-03-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-09-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-26 00:00:00.0
Scheduled Compliance Date:	2003-11-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

ALLSITES:

Name:	PM TESTING LAB INC PACIFIC HWY
Facility Id:	98132319

CSCSL NFA:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	98132319
CS Id:	2761
NFA Date:	11/14/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242777
Longitude:	-122.375554

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	98132319
CS Id:	2761
NFA Date:	11/14/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242777
Longitude:	-122.375554

FINDS:

Registry ID: 110005393458

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001234205
Registry ID:	110005393458
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005393458
Name:	PM TESTING LABORATORY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	332813
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D011,D035,F002,F003,F005,F019
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Murphie, Patrick
Legal Organization Type:	Private
Legal Contact:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Walden, Gerald
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Walden, Skyler
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490317
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490318
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	164402
Sequence Number:	3490319
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11165
Quanity Unit:	GAL
Kilograms Quanity:	63397.2479
Density Number:	1.5
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	164402
Sequence Number:	3490320
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8700
Quanity Unit:	LB
Kilograms Quanity:	3946.32006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Filter Dust and Debris
CORb Sequence Number:	164402
Sequence Number:	3490321
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1750
Quanity Unit:	LB
Kilograms Quanity:	793.800013
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Paint Waste
CORb Sequence Number:	164402
Sequence Number:	3490322
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	5996.19290

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Number:	1.2
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	164402
Sequence Number:	3490323
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3520
Quanity Unit:	GAL
Kilograms Quanity:	13324.8731
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	164402
Sequence Number:	3490324
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	7328.68021
Density Number:	1.10000000
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDB Code:	W002
Description:	Shop Rags and PPE with Solvents
CORb Sequence Number:	164402
Sequence Number:	3490325
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4405
Quanity Unit:	LB
Kilograms Quanity:	1998.10803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	164402
Sequence Number:	3490326
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	164402
Sequence Number:	3490327
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2585
Quanity Unit:	LB
Kilograms Quanity:	1172.55602
Density Number:	0
Density Quanity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipments Send:

CORB Waste Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	2088305
Shipment Date:	2017-01-11 00:00:00
Mainfest Document ID:	016544020JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088306
Shipment Date:	2017-01-25 00:00:00
Mainfest Document ID:	016544023JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088307
Shipment Date:	2017-02-08 00:00:00
Mainfest Document ID:	016544029JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088308
Shipment Date:	2017-02-22 00:00:00
Mainfest Document ID:	016544032JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088309
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544035JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088310
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544039JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2088311
Shipment Date:	2017-03-22 00:00:00
Mainfest Document ID:	016544046JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088312
Shipment Date:	2017-04-10 00:00:00
Mainfest Document ID:	016544049JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088313
Shipment Date:	2017-04-19 00:00:00
Mainfest Document ID:	016544050JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088314
Shipment Date:	2017-05-05 00:00:00
Mainfest Document ID:	016544057JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088315
Shipment Date:	2017-05-17 00:00:00
Mainfest Document ID:	016544061JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	952084
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490318
Sequence Number:	952085
Received EPAID:	MND981098478

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490319
Sequence Number:	952086
Received EPAID:	IDD073114654
Managed Quanity:	11165
Kilogram Quanity:	63397.2479
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490324
Sequence Number:	952091
Received EPAID:	IDD073114654
Managed Quanity:	1760
Kilogram Quanity:	7328.68021
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490325
Sequence Number:	952092
Received EPAID:	IND000646943
Managed Quanity:	4405
Kilogram Quanity:	1998.10803
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3490326
Sequence Number:	952093
Received EPAID:	IDD073114654
Managed Quanity:	1250
Kilogram Quanity:	567.000009
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490327
Sequence Number:	952094
Received EPAID:	IDD073114654
Managed Quanity:	2585
Kilogram Quanity:	1172.55602
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490332
Sequence Number:	952099
Received EPAID:	IDD073114654
Managed Quanity:	15
Kilogram Quanity:	56.7821297
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490320
Sequence Number:	952087
Received EPAID:	IDD073114654
Managed Quanity:	8700

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity: 3946.32006
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490321
Sequence Number: 952088
Received EPAID: IDD073114654
Managed Quanity: 1750
Kilogram Quanity: 793.800013
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490322
Sequence Number: 952089
Received EPAID: KSD980633259
Managed Quanity: 1320
Kilogram Quanity: 5996.19290
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 164402
Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490317
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490318
Sequence Number: 1

Comments: G09 Parts cleaning and paint cleanup
Waste Sequence Number: 3490325
Sequence Number: 1

Comments: A-7 General parts cleaning
Waste Sequence Number: 3490328
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 8189937
WCDA Code: D007

Waste Sequence Number: 3490317
Sequence Number: 8189938
WCDA Code: F019

Waste Sequence Number: 3490318
Sequence Number: 8189939
WCDA Code: D007

Waste Sequence Number: 3490318
Sequence Number: 8189940
WCDA Code: F019

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 3490319
Sequence Number: 8189941
WCDA Code: D007

Waste Sequence Number: 3490319
Sequence Number: 8189942
WCDA Code: F019

Waste Sequence Number: 3490320
Sequence Number: 8189943
WCDA Code: D007

Waste Sequence Number: 3490321
Sequence Number: 8189944
WCDA Code: D007

Waste Sequence Number: 3490322
Sequence Number: 8189945
WCDA Code: D001

Waste Sequence Number: 3490322
Sequence Number: 8189946
WCDA Code: D035

Waste Sequence Number: 3490322
Sequence Number: 8189947
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490318
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490319
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490326
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490317
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490325
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3490328
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3490331
Sequence Number: 1
WCDD Code: G13

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490327
Sequence Number:	1
WCDD Code:	G03
Waste Sequence Number:	3490324
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3490323
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3490332
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02,WT01
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D011,D010,D035,F002,F003,F019,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490317
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490318
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	164402
Sequence Number:	3490319
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11165
Quanity Unit:	GAL
Kilograms Quanity:	63397.2479
Density Number:	1.5
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	164402
Sequence Number:	3490320
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8700
Quanity Unit:	LB
Kilograms Quanity:	3946.32006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Filter Dust and Debris
CORb Sequence Number:	164402
Sequence Number:	3490321
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1750
Quanity Unit:	LB
Kilograms Quanity:	793.800013
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Paint Waste
CORb Sequence Number:	164402
Sequence Number:	3490322
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	5996.19290
Density Number:	1.2
Density Quanity:	SPG
Waste Managed Off Site:	Y

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	164402
Sequence Number:	3490323
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3520
Quanity Unit:	GAL
Kilograms Quanity:	13324.8731
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	164402
Sequence Number:	3490324
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	7328.68021
Density Number:	1.10000000
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Shop Rags and PPE with Solvents
CORb Sequence Number:	164402
Sequence Number:	3490325

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4405
Quanity Unit:	LB
Kilograms Quanity:	1998.10803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	164402
Sequence Number:	3490326
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	164402
Sequence Number:	3490327
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2585
Quanity Unit:	LB
Kilograms Quanity:	1172.55602
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	2088305
Shipment Date:	2017-01-11 00:00:00

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mainfest Document ID:	016544020JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088306
Shipment Date:	2017-01-25 00:00:00
Mainfest Document ID:	016544023JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088307
Shipment Date:	2017-02-08 00:00:00
Mainfest Document ID:	016544029JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088308
Shipment Date:	2017-02-22 00:00:00
Mainfest Document ID:	016544032JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088309
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544035JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088310
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544039JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088311
Shipment Date:	2017-03-22 00:00:00
Mainfest Document ID:	016544046JJK
Reported Quanity:	234
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088312
Shipment Date:	2017-04-10 00:00:00
Mainfest Document ID:	016544049JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088313
Shipment Date:	2017-04-19 00:00:00
Mainfest Document ID:	016544050JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088314
Shipment Date:	2017-05-05 00:00:00
Mainfest Document ID:	016544057JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088315
Shipment Date:	2017-05-17 00:00:00
Mainfest Document ID:	016544061JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	952084
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490318
Sequence Number:	952085
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490319
Sequence Number:	952086
Received EPAID:	IDD073114654
Managed Quanity:	11165
Kilogram Quanity:	63397.2479
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490324
Sequence Number:	952091
Received EPAID:	IDD073114654
Managed Quanity:	1760
Kilogram Quanity:	7328.68021
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490325
Sequence Number:	952092
Received EPAID:	IND000646943
Managed Quanity:	4405
Kilogram Quanity:	1998.10803
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3490326
Sequence Number:	952093
Received EPAID:	IDD073114654
Managed Quanity:	1250
Kilogram Quanity:	567.000009
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490327
Sequence Number:	952094
Received EPAID:	IDD073114654
Managed Quanity:	2585
Kilogram Quanity:	1172.55602
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490332
Sequence Number:	952099
Received EPAID:	IDD073114654
Managed Quanity:	15
Kilogram Quanity:	56.7821297
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490320
Sequence Number:	952087
Received EPAID:	IDD073114654
Managed Quanity:	8700
Kilogram Quanity:	3946.32006
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490321

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 952088
Received EPAID: IDD073114654
Managed Quanity: 1750
Kilogram Quanity: 793.800013
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490322
Sequence Number: 952089
Received EPAID: KSD980633259
Managed Quanity: 1320
Kilogram Quanity: 5996.19290
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 164402
Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490317
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490318
Sequence Number: 1

Comments: G09 Parts cleaning and paint cleanup
Waste Sequence Number: 3490325
Sequence Number: 1

Comments: A-7 General parts cleaning
Waste Sequence Number: 3490328
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 8189937
WCDA Code: D007

Waste Sequence Number: 3490317
Sequence Number: 8189938
WCDA Code: F019

Waste Sequence Number: 3490318
Sequence Number: 8189939
WCDA Code: D007

Waste Sequence Number: 3490318
Sequence Number: 8189940
WCDA Code: F019

Waste Sequence Number: 3490319
Sequence Number: 8189941
WCDA Code: D007

Waste Sequence Number: 3490319

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 8189942
WCDA Code: F019

Waste Sequence Number: 3490320
Sequence Number: 8189943
WCDA Code: D007

Waste Sequence Number: 3490321
Sequence Number: 8189944
WCDA Code: D007

Waste Sequence Number: 3490322
Sequence Number: 8189945
WCDA Code: D001

Waste Sequence Number: 3490322
Sequence Number: 8189946
WCDA Code: D035

Waste Sequence Number: 3490322
Sequence Number: 8189947
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490318
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490319
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490326
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490317
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490325
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3490328
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3490331
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 3490327
Sequence Number: 1
WCDD Code: G03

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490324
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3490323
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3490332
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,F019
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	156658
Sequence Number:	3420076
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10065
Quanity Unit:	GAL
Kilograms Quanity:	38100.8090
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	ZEP Stripper
CORb Sequence Number:	156658
Sequence Number:	3420627
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	208.201142
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	156658
Sequence Number:	3420079
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1925
Quanity Unit:	GAL
Kilograms Quanity:	7287.03999
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	156658
Sequence Number:	3420080

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5226
Quanity Unit:	GAL
Kilograms Quanity:	19782.8940
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	156658
Sequence Number:	3420077
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3025
Quanity Unit:	GAL
Kilograms Quanity:	11451.0628
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	156658
Sequence Number:	3420078
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	275
Quanity Unit:	GAL
Kilograms Quanity:	1041.00571
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	156658
Sequence Number:	3420081
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5226
Quanity Unit:	GAL
Kilograms Quanity:	19782.8940
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	156658
Sequence Number:	3420074
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	4235
Quanity Unit:	GAL
Kilograms Quanity:	16031.4879
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	156658
Sequence Number:	3420085
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Alodine 1500
CORb Sequence Number:	156658
Sequence Number:	3420621
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	990
Quanity Unit:	GAL
Kilograms Quanity:	3747.62056
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	156658
Sequence Number:	3420073
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1925
Quanity Unit:	GAL
Kilograms Quanity:	7287.03999
Density Number:	1
Density Quanity:	SPG

Shipments Send:

CORB Waste Sequence Number:	156658
Waste Sequence Number:	3420074
Sequence Number:	2014344
Shipment Date:	2016-02-04 00:00:00
Mainfest Document ID:	008920739FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2290.21256

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420073
Sequence Number:	2014365
Shipment Date:	2016-04-14 00:00:00
Mainfest Document ID:	009467852FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	2082.01142
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420077
Sequence Number:	2007435
Shipment Date:	2016-07-07 00:00:00
Mainfest Document ID:	009418949FLE
Reported Quanity:	715
Unit of Measure:	GAL
Kilograms Quanity:	2706.61485
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076
Sequence Number:	2017892
Shipment Date:	2016-08-25 00:00:00
Mainfest Document ID:	009419397FLE
Reported Quanity:	385
Unit of Measure:	GAL
Kilograms Quanity:	1457.40799
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082
Sequence Number:	2008183
Shipment Date:	2016-03-10 00:00:00
Mainfest Document ID:	009467472FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420075
Sequence Number:	2017948
Shipment Date:	2016-07-14 00:00:00
Mainfest Document ID:	009419011FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082
Sequence Number:	2008188
Shipment Date:	2016-09-15 00:00:00
Mainfest Document ID:	009452538FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2017854
Shipment Date:	2016-06-16 00:00:00
Mainfest Document ID:	009469318FLE
Reported Quanity:	330
Unit of Measure:	GAL
Kilograms Quanity:	1249.20685
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076
Sequence Number:	2017903
Shipment Date:	2016-11-10 00:00:00
Mainfest Document ID:	016562536JJK
Reported Quanity:	330
Unit of Measure:	GAL
Kilograms Quanity:	1249.20685
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082
Sequence Number:	2008187
Shipment Date:	2016-08-11 00:00:00
Mainfest Document ID:	009419246FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420075
Sequence Number:	2017915
Shipment Date:	2016-02-04 00:00:00
Mainfest Document ID:	008920739FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156658
Waste Sequence Number:	3420074
Sequence Number:	917191
Received EPAID:	IDD073114654
Managed Quanity:	4235
Kilogram Quanity:	16031.4879
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420085
Sequence Number:	913325
Received EPAID:	IDD073114654
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420627
Sequence Number:	913288
Received EPAID:	IND000646943
Managed Quanity:	55

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	208.201142
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3420073
Sequence Number:	917193
Received EPAID:	IDD073114654
Managed Quanity:	1925
Kilogram Quanity:	7287.03999
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420643
Sequence Number:	913285
Received EPAID:	IDD073114654
Managed Quanity:	45
Kilogram Quanity:	170.346389
Recycled Percentage:	0
Waste Management System Code:	H131
Waste Sequence Number:	3420075
Sequence Number:	919164
Received EPAID:	IDD073114654
Managed Quanity:	9300
Kilogram Quanity:	4218.48007
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420082
Sequence Number:	913716
Received EPAID:	IDD073114654
Managed Quanity:	2550
Kilogram Quanity:	1156.68001
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420084
Sequence Number:	917201
Received EPAID:	IND000646943
Managed Quanity:	3640
Kilogram Quanity:	1651.10402
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3420076
Sequence Number:	919137
Received EPAID:	IDD073114654
Managed Quanity:	10065
Kilogram Quanity:	38100.8090
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420077
Sequence Number:	913316
Received EPAID:	IDD073114654
Managed Quanity:	3025
Kilogram Quanity:	11451.0628

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3420078
Sequence Number: 913303
Received EPAID: KSD980633259
Managed Quanity: 275
Kilogram Quanity: 1041.00571
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 156658
Comments: A-7. General parts cleaning.
Waste Sequence Number: 3420078
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3420080
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3420081
Sequence Number: 1

Comments: G09 - Parts cleaning and paint cleanup.
Waste Sequence Number: 3420084
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 156658
Waste Sequence Number: 3420621
Sequence Number: 7939318
WCDA Code: D002

Waste Sequence Number: 3420621
Sequence Number: 7939319
WCDA Code: D007

Waste Sequence Number: 3420627
Sequence Number: 7939236
WCDA Code: D002

Waste Sequence Number: 3420627
Sequence Number: 7939237
WCDA Code: F002

Waste Sequence Number: 3420076
Sequence Number: 7977154
WCDA Code: D007

Waste Sequence Number: 3420076
Sequence Number: 7977155
WCDA Code: F019

Waste Sequence Number: 3420073

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7962664
WCDA Code: D002

Waste Sequence Number: 3420073
Sequence Number: 7962665
WCDA Code: D007

Waste Sequence Number: 3420075
Sequence Number: 7977354
WCDA Code: D007

Waste Sequence Number: 3420082
Sequence Number: 7940041
WCDA Code: D007

Waste Sequence Number: 3420084
Sequence Number: 7962709
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 156658
Waste Sequence Number: 3420077
Sequence Number: 1
WCDD Code: G03

Waste Sequence Number: 3420627
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3420073
Sequence Number: 1
WCDD Code: G04

Waste Sequence Number: 3420074
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3420643
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3420075
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3420079
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3420082
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3420621
Sequence Number: 1
WCDD Code: G06

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3420078
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3420084
Sequence Number:	1
WCDD Code:	G09
Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	150281
Sequence Number:	3339897
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	5445
Quanity Unit:	GAL
Kilograms Quanity:	20598.5660
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	150281
Sequence Number:	3339899
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10175
Quanity Unit:	GAL
Kilograms Quanity:	52338.4101
Density Number:	11.34
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	150281
Sequence Number:	3339901
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	416.132647
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	150281
Sequence Number:	3339900
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2805
Quanity Unit:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	10611.3825
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	150281
Sequence Number:	3339902
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	6658.12235
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	150281
Sequence Number:	3339894
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2915
Quanity Unit:	GAL
Kilograms Quanity:	11027.5151
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Alodine 1200S
CORb Sequence Number:	150281
Sequence Number:	3350554
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	208.066323
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	150281
Sequence Number:	3339907
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4602
Quanity Unit:	GAL
Kilograms Quanity:	17409.4767
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	150281
Sequence Number:	3355013
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	995
Quanity Unit:	LB
Kilograms Quanity:	451.332007
Density Number:	0
Density Quanity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	150281
Sequence Number:	3339906
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4602
Quanity Unit:	GAL
Kilograms Quanity:	17409.4767
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	150281
Sequence Number:	3339898
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7750
Quanity Unit:	LB
Kilograms Quanity:	3515.40006
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	150281
Waste Sequence Number:	3339906
Sequence Number:	1892914
Shipment Date:	2015-07-02 00:00:00
Mainfest Document ID:	010352350JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892916

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipment Date:	2015-07-30 00:00:00
Mainfest Document ID:	010352358JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892905
Shipment Date:	2015-03-12 00:00:00
Mainfest Document ID:	010352315JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892907
Shipment Date:	2015-04-09 00:00:00
Mainfest Document ID:	010352329JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892911
Shipment Date:	2015-05-21 00:00:00
Mainfest Document ID:	010352340JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892909
Shipment Date:	2015-05-07 00:00:00
Mainfest Document ID:	010352338JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892926
Shipment Date:	2015-12-16 00:00:00
Mainfest Document ID:	010352396JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478

Waste Sequence Number:	3339906
Sequence Number:	1892906
Shipment Date:	2015-03-26 00:00:00
Mainfest Document ID:	010352325JJK
Reported Quanity:	234

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892924
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	010352391JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892904
Shipment Date:	2015-02-26 00:00:00
Mainfest Document ID:	010352314JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892917
Shipment Date:	2015-08-13 00:00:00
Mainfest Document ID:	010352360JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	150281
Waste Sequence Number:	3339898
Sequence Number:	865910
Received EPAID:	IDD073114654
Managed Quanity:	7750
Kilogram Quanity:	3515.40006
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3350524
Sequence Number:	865920
Received EPAID:	IDD073114654
Managed Quanity:	4100
Kilogram Quanity:	1859.76003
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3355006
Sequence Number:	867573
Received EPAID:	KSD980633259
Managed Quanity:	1465
Kilogram Quanity:	664.524011
Recycled Percentage:	10
Waste Management System Code:	H141

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3339897
Sequence Number:	865953
Received EPAID:	IDD073114654
Managed Quanity:	5445
Kilogram Quanity:	20598.5660
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339894
Sequence Number:	865954
Received EPAID:	IDD073114654
Managed Quanity:	2915
Kilogram Quanity:	11027.5151
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3350554
Sequence Number:	865958
Received EPAID:	IDD073114654
Managed Quanity:	55
Kilogram Quanity:	208.066323
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339901
Sequence Number:	865956
Received EPAID:	KSD980633259
Managed Quanity:	110
Kilogram Quanity:	416.132647
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3339899
Sequence Number:	867602
Received EPAID:	IDD073114654
Managed Quanity:	10175
Kilogram Quanity:	52338.4101
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339900
Sequence Number:	867533
Received EPAID:	IDD073114654
Managed Quanity:	2805
Kilogram Quanity:	10611.3825
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339902
Sequence Number:	867576
Received EPAID:	KSD980633259
Managed Quanity:	1760
Kilogram Quanity:	6658.12235
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3339907

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 867596
Received EPAID: MND981098478
Managed Quanity: 4602
Kilogram Quanity: 17409.4767
Recycled Percentage: 0
Waste Management System Code: H129

Waste Stream Comments:
CORB Waste Sequence Number: 150281
Comments: A-7. General parts cleaning.
Waste Sequence Number: 3339901
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3339906
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3339907
Sequence Number: 1

Comments: G09 - Parts cleaning and paint cleanup.
Waste Sequence Number: 3355006
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 150281
Waste Sequence Number: 3339898
Sequence Number: 7631746
WCDA Code: D007

Waste Sequence Number: 3355013
Sequence Number: 7631800
WCDA Code: D007

Waste Sequence Number: 3355013
Sequence Number: 7631801
WCDA Code: F019

Waste Sequence Number: 3355006
Sequence Number: 7631796
WCDA Code: D035

Waste Sequence Number: 3355006
Sequence Number: 7631797
WCDA Code: F005

Waste Sequence Number: 3339897
Sequence Number: 7631751
WCDA Code: D002

Waste Sequence Number: 3339897
Sequence Number: 7631752
WCDA Code: D004

Waste Sequence Number: 3339897

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7631753
WCDA Code: D006

Waste Sequence Number: 3339897
Sequence Number: 7631754
WCDA Code: D010

Waste Sequence Number: 3339894
Sequence Number: 7631731
WCDA Code: D002

Waste Sequence Number: 3339894
Sequence Number: 7631732
WCDA Code: D007

Waste Stream Source Code:
CORB Waste Sequence Number: 150281
Waste Sequence Number: 3339901
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3339900
Sequence Number: 1
WCDD Code: G03

Waste Sequence Number: 3339897
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3339898
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3339902
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3350524
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3350554
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3339899
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3355013
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3355006
Sequence Number: 1
WCDD Code: G09

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3339894
Sequence Number:	1
WCDD Code:	G04

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	147455
Sequence Number:	3339756
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	480
Quanity Unit:	GAL
Kilograms Quanity:	1815.85155
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	147455
Sequence Number:	3339772
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3978
Quanity Unit:	GAL
Kilograms Quanity:	15048.8697
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	147455
Sequence Number:	3339740
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	624.198970
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	147455
Sequence Number:	3339744
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1430
Quanity Unit:	LB
Kilograms Quanity:	648.648011
Density Number:	0
Density Quanity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	147455
Sequence Number:	3339811
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3978
Quanity Unit:	GAL
Kilograms Quanity:	15048.8697
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	147455
Sequence Number:	3301438
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3740
Quanity Unit:	GAL
Kilograms Quanity:	14148.5100
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W519
Description:	Waste water treatment sludge
CORb Sequence Number:	147455

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	3339384
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6380
Quanity Unit:	GAL
Kilograms Quanity:	24135.6935
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	147455
Sequence Number:	3339734
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4620
Quanity Unit:	GAL
Kilograms Quanity:	17477.5711
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	147455
Sequence Number:	3333712
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	4235
Quanity Unit:	GAL
Kilograms Quanity:	16021.1069
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	147455
Sequence Number:	3338826
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	14475
Quanity Unit:	LB
Kilograms Quanity:	6565.86011
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	147455
Sequence Number:	3339764
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	220
Quanity Unit:	GAL
Kilograms Quanity:	832.265294
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	147455
Waste Sequence Number:	3333712
Sequence Number:	1830985
Shipment Date:	2014-06-26 00:00:00
Mainfest Document ID:	006490367FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3333712
Sequence Number:	1817783
Shipment Date:	2014-01-13 00:00:00
Mainfest Document ID:	006489094FLE
Reported Quanity:	605
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830987
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	007165508FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830983
Shipment Date:	2014-04-29 00:00:00
Mainfest Document ID:	006490995FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1817784
Shipment Date:	2014-03-12 00:00:00
Mainfest Document ID:	006487452FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830988
Shipment Date:	2014-11-11 00:00:00
Mainfest Document ID:	007900953FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830986
Shipment Date:	2014-08-15 00:00:00
Mainfest Document ID:	006490550FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830984
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	006490332FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	2080.66323
Receiving EPAID:	IDD073114654

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3339764
Sequence Number:	1838192
Shipment Date:	2014-11-04 00:00:00
Mainfest Document ID:	007900943FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3339764
Sequence Number:	1838191
Shipment Date:	2014-06-04 00:00:00
Mainfest Document ID:	006490206FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3338826
Sequence Number:	1834731
Shipment Date:	2014-05-21 00:00:00
Mainfest Document ID:	007165183FLE
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147455
Waste Sequence Number:	3333712
Sequence Number:	854011
Received EPAID:	IDD073114654
Managed Quanity:	4235
Kilogram Quanity:	16021.1069
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339764
Sequence Number:	853910
Received EPAID:	IDD073114654
Managed Quanity:	220
Kilogram Quanity:	832.265294
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3338826
Sequence Number:	854014
Received EPAID:	IDD073114654
Managed Quanity:	14475
Kilogram Quanity:	6565.86011
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339734
Sequence Number:	854039
Received EPAID:	IDD073114654
Managed Quanity:	4620

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	17477.5711
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339772
Sequence Number:	853961
Received EPAID:	MND981098478
Managed Quanity:	3978
Kilogram Quanity:	15048.8697
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3339740
Sequence Number:	853884
Received EPAID:	KSD980633259
Managed Quanity:	165
Kilogram Quanity:	624.198970
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3301438
Sequence Number:	854010
Received EPAID:	IDD073114654
Managed Quanity:	3740
Kilogram Quanity:	14148.5100
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339811
Sequence Number:	854007
Received EPAID:	MND981098478
Managed Quanity:	3978
Kilogram Quanity:	15048.8697
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3339744
Sequence Number:	854040
Received EPAID:	KSD980633259
Managed Quanity:	1430
Kilogram Quanity:	648.648011
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339384
Sequence Number:	854026
Received EPAID:	IDD073114654
Managed Quanity:	6380
Kilogram Quanity:	24135.6935
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339756
Sequence Number:	853899
Received EPAID:	IDD073114654
Managed Quanity:	480
Kilogram Quanity:	1815.85155

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 147455
Comments: A-8 Sludge from Recycle of rinse waters
Waste Sequence Number: 3339384
Sequence Number: 1

Comments: A-7 Used to clean parts
Waste Sequence Number: 3339740
Sequence Number: 1

Comments: B-4ii Used to filter Recycled water
Waste Sequence Number: 3339772
Sequence Number: 1

Comments: B-4ii Used to recycle waste rinse water
Waste Sequence Number: 3339811
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 147455
Waste Sequence Number: 3333712
Sequence Number: 7565104
WCDA Code: D002

Waste Sequence Number: 3333712
Sequence Number: 7565105
WCDA Code: D004

Waste Sequence Number: 3333712
Sequence Number: 7565106
WCDA Code: D006

Waste Sequence Number: 3333712
Sequence Number: 7565107
WCDA Code: D010

Waste Sequence Number: 3339756
Sequence Number: 7563655
WCDA Code: D002

Waste Sequence Number: 3339756
Sequence Number: 7563656
WCDA Code: D007

Waste Sequence Number: 3339772
Sequence Number: 7564509
WCDA Code: D007

Waste Sequence Number: 3339772
Sequence Number: 7564510
WCDA Code: F019

Waste Sequence Number: 3339384

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7565201
WCDA Code: D002

Waste Sequence Number: 3339740
Sequence Number: 7563516
WCDA Code: D001

Waste Sequence Number: 3339740
Sequence Number: 7563517
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 147455
Waste Sequence Number: 3339740
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3339756
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3339764
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 3301438
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339384
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339734
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339772
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3339811
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3333712
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3338826
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3339744
Sequence Number: 1
WCDD Code: G06

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01 WT02
Federal Waste Code Desc:	D001 D002 D004 D006 D007 D010 D011 D035 F003 F005 F019
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	136662
Sequence Number:	3217997
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3245
Quanity Unit:	GAL
Kilograms Quanity:	12275.9130
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	136662
Sequence Number:	3218004

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	917
Quanity Unit:	LB
Kilograms Quanity:	415.951207
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	136662
Sequence Number:	3218088
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1456.46426
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	136662
Sequence Number:	3217993
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	416.132647
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	136662
Sequence Number:	2662593
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15910
Quanity Unit:	LB
Kilograms Quanity:	7216.77612
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	136662
Sequence Number:	2662594
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10545
Quanity Unit:	LB
Kilograms Quanity:	4783.21208
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	136662
Sequence Number:	2662595
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2238
Quanity Unit:	LB

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	1015.15681
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	136662
Sequence Number:	3217999
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	750
Quanity Unit:	LB
Kilograms Quanity:	340.200005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	136662
Sequence Number:	3218001
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	18726
Quanity Unit:	LB
Kilograms Quanity:	8494.11374
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	136662
Sequence Number:	3218002
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1833
Quanity Unit:	LB
Kilograms Quanity:	831.448814
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	136662
Sequence Number:	3217994
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3276
Quanity Unit:	GAL
Kilograms Quanity:	12393.1868
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	136662
Waste Sequence Number:	2662593
Sequence Number:	1585558
Shipment Date:	2013-09-18 00:00:00
Mainfest Document ID:	006488626FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1585560
Shipment Date:	2013-11-25 00:00:00
Mainfest Document ID:	006488969FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1585557

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipment Date:	2013-04-17 00:00:00
Mainfest Document ID:	005093819FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1343704
Shipment Date:	2013-01-22 00:00:00
Mainfest Document ID:	004531997FLE
Reported Quanity:	6732
Unit of Measure:	LB
Kilograms Quanity:	3053.63525
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1585559
Shipment Date:	2013-11-08 00:00:00
Mainfest Document ID:	006488837FLE
Reported Quanity:	3672
Unit of Measure:	LB
Kilograms Quanity:	1665.61922
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1585380
Shipment Date:	2013-08-14 00:00:00
Mainfest Document ID:	005095233FLE
Reported Quanity:	3670
Unit of Measure:	LB
Kilograms Quanity:	1664.71202
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662594
Sequence Number:	1585567
Shipment Date:	2013-11-25 00:00:00
Mainfest Document ID:	006488969FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662594
Sequence Number:	1587128
Shipment Date:	2013-12-30 00:00:00
Mainfest Document ID:	006489062FLE
Reported Quanity:	450
Unit of Measure:	LB
Kilograms Quanity:	204.120003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662594
Sequence Number:	1585370
Shipment Date:	2013-08-29 00:00:00
Mainfest Document ID:	005095309FLE
Reported Quanity:	400

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3217993
Sequence Number:	1585319
Shipment Date:	2013-02-27 00:00:00
Mainfest Document ID:	011040388JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD980976906
Waste Sequence Number:	3217993
Sequence Number:	1585552
Shipment Date:	2013-11-05 00:00:00
Mainfest Document ID:	011040418JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD980976906

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136662
Waste Sequence Number:	2662593
Sequence Number:	772411
Received EPAID:	IDD073114654
Managed Quanity:	15910
Kilogram Quanity:	7216.77612
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2662594
Sequence Number:	773876
Received EPAID:	IDD073114654
Managed Quanity:	10545
Kilogram Quanity:	4783.21208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2662595
Sequence Number:	773878
Received EPAID:	KSD980633259
Managed Quanity:	2238
Kilogram Quanity:	1015.15681
Recycled Percentage:	78
Waste Management System Code:	H141
Waste Sequence Number:	3217999
Sequence Number:	773883
Received EPAID:	IDD073114654
Managed Quanity:	750
Kilogram Quanity:	340.200005
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3218001

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	773884
Received EPAID:	IDD073114654
Managed Quanity:	18726
Kilogram Quanity:	8494.11374
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3218002
Sequence Number:	773885
Received EPAID:	KSD980633259
Managed Quanity:	1833
Kilogram Quanity:	831.448814
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3217994
Sequence Number:	773879
Received EPAID:	MND981098478
Managed Quanity:	3276
Kilogram Quanity:	12393.1868
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3217996
Sequence Number:	773880
Received EPAID:	MND981098478
Managed Quanity:	3276
Kilogram Quanity:	12393.1868
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3218003
Sequence Number:	773887
Received EPAID:	KSD980633259
Managed Quanity:	5565
Kilogram Quanity:	21052.5289
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3218089
Sequence Number:	773892
Received EPAID:	IDD073114654
Managed Quanity:	550
Kilogram Quanity:	2080.66323
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3217998
Sequence Number:	773882
Received EPAID:	IDD073114654
Managed Quanity:	14350
Kilogram Quanity:	6509.16011
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	136662

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Comments: A-9a Ion Exchange resins returned to contractor for regeneration for reuse.
Waste Sequence Number: 3217994
Sequence Number: 1

Comments: A-9a Ion Exchange resins returned to contractor for regeneration for reuse.
Waste Sequence Number: 3217996
Sequence Number: 1

Comments: A.7 VAD7148 MEK WASTE is used to clean oils and grime from parts
Waste Sequence Number: 3218002
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136662
Waste Sequence Number: 3218088
Sequence Number: 7110172
WCDA Code: D002

Waste Sequence Number: 3218088
Sequence Number: 7110173
WCDA Code: D007

Waste Sequence Number: 2662593
Sequence Number: 7118300
WCDA Code: D002

Waste Sequence Number: 2662595
Sequence Number: 7118122
WCDA Code: D035

Waste Sequence Number: 2662595
Sequence Number: 7118123
WCDA Code: F005

Waste Sequence Number: 3217999
Sequence Number: 7110096
WCDA Code: D007

Waste Sequence Number: 3217999
Sequence Number: 7110097
WCDA Code: F019

Waste Sequence Number: 3218001
Sequence Number: 7110104
WCDA Code: D002

Waste Sequence Number: 3218001
Sequence Number: 7110105
WCDA Code: D007

Waste Sequence Number: 3218002
Sequence Number: 7118101
WCDA Code: D001

Waste Sequence Number: 3218002

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7118102
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 136662
Waste Sequence Number: 3218089
Sequence Number: 1
WCDD Code: G05

Waste Sequence Number: 3217999
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3218003
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2662595
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3217997
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3217998
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3218002
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3218088
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2662593
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3217993
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3218001
Sequence Number: 1
WCDD Code: G08

Name: PM TESTING LAB INC PACIFIC HWY
Address: 3921 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility Address 2: Not reported
Facility ID: 98132319
EPA ID: WAH000006213
NAICS: 541990

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Waste Code Desc:	WT01 WT02
Federal Waste Code Desc:	D001 D002 D004 D006 D007 D010 D011 D035 F003 F005 F019
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	134401
Sequence Number:	2656447
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1976
Quanity Unit:	GAL
Kilograms Quanity:	7466.29241
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	134401
Sequence Number:	2656449
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	2078.16843
Density Number:	8.33000000
Density Quanity:	PPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	134401
Sequence Number:	2656456
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	635
Quanity Unit:	GAL
Kilograms Quanity:	2399.33992
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	134401
Sequence Number:	2656465
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	415.633687
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	134401

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2656467
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	623.450530
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	134401
Sequence Number:	2656942
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3117
Quanity Unit:	GAL
Kilograms Quanity:	11777.5472
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	134401
Sequence Number:	2656974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1454.71790
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	134401
Sequence Number:	2657144
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	207.816843
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	134401
Sequence Number:	2656445
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	9280
Quanity Unit:	LB
Kilograms Quanity:	4209.40807
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	134401
Sequence Number:	2656446
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2479.63999

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Quanity Unit:	LB
Kilograms Quanity:	1124.76472
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	134401
Sequence Number:	2656944
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1210
Quanity Unit:	GAL
Kilograms Quanity:	4571.97055
Density Number:	8.33000000
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	134401
Waste Sequence Number:	2656448
Sequence Number:	1324450
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	006449273JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326095
Shipment Date:	2012-07-19 00:00:00
Mainfest Document ID:	006449292JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326713
Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	006449320JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	1326938
Shipment Date:	2012-11-21 00:00:00
Mainfest Document ID:	006449321JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1325856
Shipment Date:	2012-04-26 00:00:00
Mainfest Document ID:	006449277JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1325301
Shipment Date:	2012-04-09 00:00:00
Mainfest Document ID:	006449276JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326252
Shipment Date:	2012-08-30 00:00:00
Mainfest Document ID:	006449294JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	589.444138
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326232
Shipment Date:	2012-08-09 00:00:00
Mainfest Document ID:	006449293JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	884.166207
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326063
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	006449291JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	884.166207
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326507
Shipment Date:	2012-10-11 00:00:00
Mainfest Document ID:	006449319JJK

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	589.444138
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1324461
Shipment Date:	2012-03-15 00:00:00
Mainfest Document ID:	006449275JJK
Reported Quanity:	130
Unit of Measure:	GAL
Kilograms Quanity:	491.203448
Receiving EPAID:	ILD982612798

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	134401
Waste Sequence Number:	2656447
Sequence Number:	688608
Received EPAID:	ILD982612798
Managed Quanity:	1976
Kilogram Quanity:	7466.29241
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	2656449
Sequence Number:	682974
Received EPAID:	KSD980633259
Managed Quanity:	550
Kilogram Quanity:	2078.16843
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2656456
Sequence Number:	656759
Received EPAID:	KSD980633259
Managed Quanity:	635
Kilogram Quanity:	2399.33992
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2656465
Sequence Number:	688609
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	415.633687
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656467
Sequence Number:	654568
Received EPAID:	IDD073114654
Managed Quanity:	165
Kilogram Quanity:	623.450530
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656942

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 655060
Received EPAID: IDD073114654
Managed Quanity: 3117
Kilogram Quanity: 11777.5472
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2656974
Sequence Number: 655061
Received EPAID: IDD073114654
Managed Quanity: 385
Kilogram Quanity: 1454.71790
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2657144
Sequence Number: 654432
Received EPAID: WAD980976906
Managed Quanity: 55
Kilogram Quanity: 207.816843
Recycled Percentage: 97
Waste Management System Code: H010

Waste Sequence Number: 2656944
Sequence Number: 654694
Received EPAID: IDD073114654
Managed Quanity: 1210
Kilogram Quanity: 4571.97055
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2656445
Sequence Number: 655062
Received EPAID: IDD073114654
Managed Quanity: 9280
Kilogram Quanity: 4209.40807
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2656446
Sequence Number: 682957
Received EPAID: KSD980633259
Managed Quanity: 2479.63999
Kilogram Quanity: 1124.76472
Recycled Percentage: 78
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 134401
Comments: A-9a canisters where waste water flow through resins & clears out all contaminants, canisters are sent back to seimens where resins are changed out so that canisters may be reused.
Waste Sequence Number: 2656447
Sequence Number: 1

Comments: A-9a canisters where waste water flow through resins & clears out all contaminants, canisters are sent back to seimens where resins are

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

changed out so that canisters may be reused.
Waste Sequence Number: 2656448
Sequence Number: 1

Comments: A.7 VAD7148 MEK WASTE is used to clean oils & grime from parts.
Waste Sequence Number: 2656449
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 134401
Waste Sequence Number: 2656943
Sequence Number: 6053873
WCDA Code: D001

Waste Sequence Number: 2656943
Sequence Number: 6053874
WCDA Code: D002

Waste Sequence Number: 2656943
Sequence Number: 6053875
WCDA Code: D009

Waste Sequence Number: 2656944
Sequence Number: 6026155
WCDA Code: D002

Waste Sequence Number: 2656448
Sequence Number: 6053815
WCDA Code: D007

Waste Sequence Number: 2656448
Sequence Number: 6053816
WCDA Code: F019

Waste Sequence Number: 2656466
Sequence Number: 6025971
WCDA Code: D002

Waste Sequence Number: 2656466
Sequence Number: 6025972
WCDA Code: D007

Waste Sequence Number: 2656942
Sequence Number: 6026089
WCDA Code: D002

Waste Sequence Number: 2656942
Sequence Number: 6026090
WCDA Code: D004

Waste Sequence Number: 2656942
Sequence Number: 6026091
WCDA Code: D006

Waste Stream Source Code:
CORB Waste Sequence Number: 134401

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2656445
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656456
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656467
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656446
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656942
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656943
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656974
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656465
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2656449
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2656466
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2656944
Sequence Number: 1
WCDD Code: G08

Name: PM TESTING LAB INC PACIFIC HWY
Address: 3921 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility Address 2: Not reported
Facility ID: 98132319
EPA ID: WAH000006213
NAICS: 541990
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	125782
Sequence Number:	2149791
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2496
Quanity Unit:	GAL
Kilograms Quanity:	9431.10621
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	125782
Sequence Number:	2495603
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	LB
Kilograms Quanity:	174.636003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	125782
Sequence Number:	2501519
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	LB
Kilograms Quanity:	49.8960008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	125782
Sequence Number:	2501520
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1265
Quanity Unit:	GAL
Kilograms Quanity:	4303.53007
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	125782
Sequence Number:	2501521
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK
CORb Sequence Number:	125782
Sequence Number:	2153026
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	615
Quanity Unit:	GAL
Kilograms Quanity:	2092.23003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric Acid Solution
CORb Sequence Number:	125782
Sequence Number:	2501005
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1475
Quanity Unit:	GAL
Kilograms Quanity:	5017.95008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Sulfuric/Dichromate Solution
CORb Sequence Number:	125782
Sequence Number:	2501466
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	45
Quanity Unit:	LB
Kilograms Quanity:	20.4120003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	125782
Sequence Number:	2527970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	207
Quanity Unit:	GAL
Kilograms Quanity:	704.214012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	125782
Sequence Number:	2153024
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11200
Quanity Unit:	LB
Kilograms Quanity:	5080.32008
Density Number:	0
Density Quanity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	125782
Sequence Number:	2153025
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	825
Quanity Unit:	GAL
Kilograms Quanity:	2806.65004
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	125782
Waste Sequence Number:	2495599
Sequence Number:	1155597
Shipment Date:	2011-02-18 00:00:00
Mainfest Document ID:	006908325JJK
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	561.330009
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2495599
Sequence Number:	1169952
Shipment Date:	2011-09-20 00:00:00
Mainfest Document ID:	004205042FLE
Reported Quanity:	220
Unit of Measure:	GAL
Kilograms Quanity:	748.440012
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2495599
Sequence Number:	1169446
Shipment Date:	2011-05-11 00:00:00
Mainfest Document ID:	002538629JJK
Reported Quanity:	275
Unit of Measure:	GAL
Kilograms Quanity:	935.550016
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2495599
Sequence Number:	1170661
Shipment Date:	2011-11-09 00:00:00
Mainfest Document ID:	004205234FLE
Reported Quanity:	605
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	2058.21003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495601
Sequence Number:	1169797
Shipment Date:	2011-07-20 00:00:00
Mainfest Document ID:	002538868JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1170662
Shipment Date:	2011-11-09 00:00:00
Mainfest Document ID:	004205233FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1155601
Shipment Date:	2011-02-18 00:00:00
Mainfest Document ID:	006908324JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1169448
Shipment Date:	2011-05-11 00:00:00
Mainfest Document ID:	002538628JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1169632
Shipment Date:	2011-06-23 00:00:00
Mainfest Document ID:	002538798JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1169800
Shipment Date:	2011-08-24 00:00:00
Mainfest Document ID:	004205001FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2495601
Sequence Number:	1170668
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004205124FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	125782
Waste Sequence Number:	2501520
Sequence Number:	652734
Received EPAID:	IDD073114654
Managed Quanity:	1265
Kilogram Quanity:	4303.53007
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2501521
Sequence Number:	652735
Received EPAID:	IDD073114654
Managed Quanity:	55
Kilogram Quanity:	187.110003
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2149791
Sequence Number:	652709
Received EPAID:	MND981098478
Managed Quanity:	2496
Kilogram Quanity:	9431.10621
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	2495603
Sequence Number:	595796
Received EPAID:	KSD980633259
Managed Quanity:	385
Kilogram Quanity:	174.636003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2501519
Sequence Number:	595367
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	49.8960008
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2153026
Sequence Number:	616244
Received EPAID:	KSD980633259
Managed Quanity:	615
Kilogram Quanity:	2092.23003
Recycled Percentage:	95

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Management System Code: H020

Waste Sequence Number: 2501005
Sequence Number: 595370
Received EPAID: IDD073114654
Managed Quanity: 1475
Kilogram Quanity: 5017.95008
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2527970
Sequence Number: 652744
Received EPAID: WAD981769110
Managed Quanity: 207
Kilogram Quanity: 704.214012
Recycled Percentage: 85
Waste Management System Code: H020

Waste Sequence Number: 2501466
Sequence Number: 595041
Received EPAID: IDD073114654
Managed Quanity: 45
Kilogram Quanity: 20.4120003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2153025
Sequence Number: 595789
Received EPAID: IDD073114654
Managed Quanity: 220
Kilogram Quanity: 748.440012
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2153025
Sequence Number: 595790
Received EPAID: MND981098478
Managed Quanity: 605
Kilogram Quanity: 2058.21003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 125782
Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2149791
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2149792
Sequence Number: 1

Comments: A-7 used to clean parts.
Waste Sequence Number: 2153026
Sequence Number: 1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Comments: A-7 Was a one time process for a customer.
Waste Sequence Number: 2501466
Sequence Number: 1

Comments: A-7 used to clean parts.
Waste Sequence Number: 2527970
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 125782
Waste Sequence Number: 2149792
Sequence Number: 5861486
WCDA Code: D007

Waste Sequence Number: 2149792
Sequence Number: 5861487
WCDA Code: F019

Waste Sequence Number: 2501601
Sequence Number: 5861694
WCDA Code: D011

Waste Sequence Number: 2495599
Sequence Number: 5861594
WCDA Code: D002

Waste Sequence Number: 2495601
Sequence Number: 5861597
WCDA Code: D001

Waste Sequence Number: 2495601
Sequence Number: 5861598
WCDA Code: D035

Waste Sequence Number: 2495601
Sequence Number: 5861599
WCDA Code: F003

Waste Sequence Number: 2495601
Sequence Number: 5861600
WCDA Code: F005

Waste Sequence Number: 2153026
Sequence Number: 5861581
WCDA Code: D001

Waste Sequence Number: 2153026
Sequence Number: 5861582
WCDA Code: D007

Waste Sequence Number: 2153026
Sequence Number: 5861583
WCDA Code: F005

Name: PM TESTING LAB INC PACIFIC HWY
Address: 3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01, WT02
Federal Waste Code Desc:	D001, D002,D010,D007,D004,D011,D035,F002,F019
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	120051
Sequence Number:	2009483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49
Quanity Unit:	GAL
Kilograms Quanity:	166.69800286720567
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Filters
CORb Sequence Number:	120051
Sequence Number:	2009485
Mixed Radioactive Flag:	False
Designation Code:	D

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	1500
Quanity Unit:	LB
Kilograms Quanity:	680.40001170288019
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	120051
Sequence Number:	2058587
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	1871.1000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	WASTE WATER TREATMENT SLUDGE
CORb Sequence Number:	120051
Sequence Number:	2144453
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.22000643658413
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	PAINT FILTERS CONTAMINATED WITH CHROMIUM
CORb Sequence Number:	120051
Sequence Number:	2144589
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5155
Quanity Unit:	LB
Kilograms Quanity:	2338.3080402188984
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	120051
Sequence Number:	2144678
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1083
Quanity Unit:	LB
Kilograms Quanity:	491.24880844947955
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Potassium Permanganate
CORb Sequence Number:	120051
Sequence Number:	2144680
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	5
Quanity Unit:	GAL
Kilograms Quanity:	18.892440324949973
Density Number:	8.3300000000000001

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	ZEP STRIPPER
CORb Sequence Number:	120051
Sequence Number:	2144814
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	120051
Sequence Number:	2010582
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3042
Quanity Unit:	GAL
Kilograms Quanity:	11494.160693699565
Density Number:	8.3300000000000001
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	120051
Sequence Number:	2010583
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3042
Quanity Unit:	GAL
Kilograms Quanity:	11494.160693699565
Density Number:	8.3300000000000001
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrchloric Acid
CORb Sequence Number:	120051
Sequence Number:	2144682
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	207.81684357444971
Density Number:	8.3300000000000001
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	120051
Waste Sequence Number:	2144678
Sequence Number:	1042111
Shipment Date:	6/9/2010
Mainfest Document ID:	005569161JJK
Reported Quanity:	459
Unit of Measure:	LB
Kilograms Quanity:	208.202403581081
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2017156
Sequence Number:	988152
Shipment Date:	1/26/2010
Mainfest Document ID:	002266687FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2017156
Sequence Number:	1041215
Shipment Date:	3/11/2010
Mainfest Document ID:	002267029FLE

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001755432
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2144815
Sequence Number:	1041901
Shipment Date:	5/17/2010
Mainfest Document ID:	002570050FLE
Reported Quanity:	660
Unit of Measure:	GAL
Kilograms Quanity:	2245.3200386195
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2144679
Sequence Number:	1041719
Shipment Date:	4/19/2010
Mainfest Document ID:	005569004JJK
Reported Quanity:	5
Unit of Measure:	GAL
Kilograms Quanity:	18.89244032495
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2144681
Sequence Number:	1041721
Shipment Date:	4/19/2010
Mainfest Document ID:	005569005JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	207.81684357445
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2144681
Sequence Number:	1042117
Shipment Date:	6/24/2010
Mainfest Document ID:	005569194JJK
Reported Quanity:	4587
Unit of Measure:	GAL
Kilograms Quanity:	17331.9247541091
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2009484
Sequence Number:	964053
Shipment Date:	1/6/2010
Mainfest Document ID:	002266525FLE
Reported Quanity:	100
Unit of Measure:	LB
Kilograms Quanity:	45.360000780192
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2009486
Sequence Number:	1024942
Shipment Date:	2/22/2010
Mainfest Document ID:	002266855FLE
Reported Quanity:	69
Unit of Measure:	LB
Kilograms Quanity:	31.2984005383325

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID:	WAD981769110
Waste Sequence Number:	2009486
Sequence Number:	964057
Shipment Date:	1/6/2010
Mainfest Document ID:	002266523FLE
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008192016
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2144588
Sequence Number:	1042287
Shipment Date:	7/14/2010
Mainfest Document ID:	005569237JJK
Reported Quanity:	385
Unit of Measure:	LB
Kilograms Quanity:	174.636003003739
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120051
Waste Sequence Number:	2058590
Sequence Number:	540809
Received EPAID:	IDD073114654
Managed Quanity:	275
Kilogram Quanity:	935.55001609146029
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2144910
Sequence Number:	592580
Received EPAID:	WAD980976906
Managed Quanity:	110
Kilogram Quanity:	374.22000643658413
Recycled Percentage:	95
Waste Management System Code:	H010
Waste Sequence Number:	2145292
Sequence Number:	592599
Received EPAID:	IDD073114654
Managed Quanity:	330
Kilogram Quanity:	1122.6600193097524
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2144676
Sequence Number:	535472
Received EPAID:	KSD980633259
Managed Quanity:	320
Kilogram Quanity:	145.15200249661444
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2144677
Sequence Number:	534835
Received EPAID:	KSD980633259

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Managed Quanity: 1103
Kilogram Quanity: 500.32080860551793
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2017156
Sequence Number: 592459
Received EPAID: WAD981769110
Managed Quanity: 85
Kilogram Quanity: 289.17000497372408
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2144815
Sequence Number: 540813
Received EPAID: IDD073114654
Managed Quanity: 660
Kilogram Quanity: 2245.3200386195049
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2144679
Sequence Number: 592474
Received EPAID: KSD980633259
Managed Quanity: 5
Kilogram Quanity: 18.892440324949973
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2144681
Sequence Number: 592521
Received EPAID: IDD073114654
Managed Quanity: 4642
Kilogram Quanity: 17539.741597683558
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2009484
Sequence Number: 540830
Received EPAID: ORD089452353
Managed Quanity: 100
Kilogram Quanity: 45.360000780192017
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2009486
Sequence Number: 541959
Received EPAID: WAD981769110
Managed Quanity: 174
Kilogram Quanity: 78.926401357534104
Recycled Percentage: 35
Waste Management System Code: H020

Waste Stream Comments:
CORB Waste Sequence Number: 120051
Comments: A-7 used to clean parts.
Waste Sequence Number: 2009483

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2010582
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2010583
Sequence Number: 1

Comments: A7 IS METHYL ETHYL KEYTONE (MEK) USED FOR PART CLEANING
Waste Sequence Number: 2144678
Sequence Number: 1

Comments: A-7 = unused chemical/ product disposal
Waste Sequence Number: 2144679
Sequence Number: 1

Comments: A-9= Product no longer in use
Waste Sequence Number: 2144680
Sequence Number: 1

Comments: A-9= Product no longer in use
Waste Sequence Number: 2144682
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 120051
Waste Sequence Number: 2009484
Sequence Number: 5447852
WCDA Code: D007

Waste Sequence Number: 2009484
Sequence Number: 5447853
WCDA Code: F019

Waste Sequence Number: 2009486
Sequence Number: 4714908
WCDA Code: D001

Waste Sequence Number: 2009486
Sequence Number: 4714909
WCDA Code: F003

Waste Sequence Number: 2009486
Sequence Number: 4714910
WCDA Code: F005

Waste Sequence Number: 2010582
Sequence Number: 5450629
WCDA Code: D007

Waste Sequence Number: 2010582
Sequence Number: 5450630
WCDA Code: F019

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2010583
Sequence Number: 5450674
WCDA Code: D007

Waste Sequence Number: 2010583
Sequence Number: 5450675
WCDA Code: F019

Waste Sequence Number: 2017156
Sequence Number: 5448653
WCDA Code: D001

Waste Sequence Number: 2017156
Sequence Number: 5448654
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 120051
Waste Sequence Number: 2010582
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2010583
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2144679
Sequence Number: 1
WCDD Code: G49

Waste Sequence Number: 2144589
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2144676
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2144813
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2144681
Sequence Number: 1
WCDD Code: G05

Waste Sequence Number: 2144814
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2009486
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2144453
Sequence Number: 1
WCDD Code: G07

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2144677
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D008,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	NITRIC ACID & SODIUM ACID
CORb Sequence Number:	117142
Sequence Number:	2003487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Dry sweep contaminated with Vacmul 3D oil
CORb Sequence Number:	117142
Sequence Number:	2006129
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.720001560384034
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	117142
Sequence Number:	2000027
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.22000643658413
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSEWATER WITH CHROMIUM
CORb Sequence Number:	117142
Sequence Number:	2004724
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	117142
Sequence Number:	2000006
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	490
Quanity Unit:	GAL
Kilograms Quanity:	1666.9800286720565
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	117142
Sequence Number:	2000010
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2470
Quanity Unit:	GAL
Kilograms Quanity:	8402.9401445305703
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	117142

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2005724
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	301
Quanity Unit:	LB
Kilograms Quanity:	136.53360234837797
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	117142
Sequence Number:	2005749
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1100
Quanity Unit:	GAL
Kilograms Quanity:	3742.2000643658412
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	117142
Sequence Number:	2005917
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	195
Quanity Unit:	GAL
Kilograms Quanity:	663.39001141030826
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	MIXED BED EXCHANGE CANISTERS
CORb Sequence Number:	117142
Sequence Number:	2005752
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	52
Quanity Unit:	GAL
Kilograms Quanity:	176.90400304274885
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	ALODINE 1200S AND ALODINE 1500
CORb Sequence Number:	117142
Sequence Number:	2007091
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	117142
Waste Sequence Number:	2000004
Sequence Number:	945874
Shipment Date:	1/19/2009
Mainfest Document ID:	002266373FLE
Reported Quanity:	635
Unit of Measure:	GAL
Kilograms Quanity:	2160.27003715664
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2005751
Sequence Number:	960321
Shipment Date:	9/23/2009
Mainfest Document ID:	002569703FLE
Reported Quanity:	440
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	1496.88002574634
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005752
Sequence Number:	959014
Shipment Date:	4/15/2009
Mainfest Document ID:	003554327JJK
Reported Quanity:	52
Unit of Measure:	GAL
Kilograms Quanity:	176.904003042749
Receiving EPAID:	MND981098478
Waste Sequence Number:	2005751
Sequence Number:	959010
Shipment Date:	4/15/2009
Mainfest Document ID:	002570851FLE
Reported Quanity:	275
Unit of Measure:	GAL
Kilograms Quanity:	935.55001609146
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005751
Sequence Number:	961031
Shipment Date:	11/25/2009
Mainfest Document ID:	002569211FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	1871.10003218292
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2007091
Sequence Number:	961032
Shipment Date:	11/25/2009
Mainfest Document ID:	002569211FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2000004
Sequence Number:	960200
Shipment Date:	8/24/2009
Mainfest Document ID:	002571978FLE
Reported Quanity:	126
Unit of Measure:	GAL
Kilograms Quanity:	428.652007372815
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2000006
Sequence Number:	959808
Shipment Date:	8/3/2009
Mainfest Document ID:	002571823FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	WAD981769110

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2000006
Sequence Number:	945885
Shipment Date:	1/7/2009
Mainfest Document ID:	002266241FLE
Reported Quanity:	218
Unit of Measure:	GAL
Kilograms Quanity:	741.63601275614
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	960836
Shipment Date:	11/11/2009
Mainfest Document ID:	002569095FLE
Reported Quanity:	57
Unit of Measure:	GAL
Kilograms Quanity:	193.914003335321
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	959405
Shipment Date:	5/12/2009
Mainfest Document ID:	001415107JJK
Reported Quanity:	160
Unit of Measure:	GAL
Kilograms Quanity:	544.320009362304
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	117142
Waste Sequence Number:	2000006
Sequence Number:	494176
Received EPAID:	WAD981769110
Managed Quanity:	490
Kilogram Quanity:	1666.9800286720565
Recycled Percentage:	75
Waste Management System Code:	H020

Waste Sequence Number:	2000010
Sequence Number:	501550
Received EPAID:	MND981098478
Managed Quanity:	2470
Kilogram Quanity:	8402.9401445305703
Recycled Percentage:	99
Waste Management System Code:	H010

Waste Sequence Number:	2005749
Sequence Number:	494178
Received EPAID:	IDD073114654
Managed Quanity:	1100
Kilogram Quanity:	3742.2000643658412
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2005917
Sequence Number:	494172
Received EPAID:	WAD981769110
Managed Quanity:	195

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	663.39001141030826
Recycled Percentage:	75
Waste Management System Code:	H020
Waste Sequence Number:	2005724
Sequence Number:	494169
Received EPAID:	WAD981769110
Managed Quanity:	211
Kilogram Quanity:	95.709601646205158
Recycled Percentage:	35
Waste Management System Code:	H020
Waste Sequence Number:	2005724
Sequence Number:	494170
Received EPAID:	WAD981769110
Managed Quanity:	90
Kilogram Quanity:	40.824000702172818
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2000025
Sequence Number:	501552
Received EPAID:	MND981098478
Managed Quanity:	2418
Kilogram Quanity:	8226.0361414878225
Recycled Percentage:	99
Waste Management System Code:	H010
Waste Sequence Number:	2005723
Sequence Number:	494188
Received EPAID:	WAD981769110
Managed Quanity:	55
Kilogram Quanity:	187.11000321829206
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2000009
Sequence Number:	494179
Received EPAID:	IDD073114654
Managed Quanity:	1300
Kilogram Quanity:	4422.6000760687211
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006350
Sequence Number:	494182
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	374.22000643658413
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2003485
Sequence Number:	494177
Received EPAID:	IDD073114654
Managed Quanity:	3325
Kilogram Quanity:	1508.2200259413846

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 117142
Comments: A.7 RINSEWATER W/CHROMIUM-EXCESS THAT WAS NOT ABLE TO BE RECYCLED BACK INTO SYSTEM
Waste Sequence Number: 2004724
Sequence Number: 1

Comments: A.7 is METHYL ETHYL KEYTONE (MEK) used for part cleaning.
Waste Sequence Number: 2005917
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 117142
Waste Sequence Number: 2000006
Sequence Number: 4352843
WCDA Code: F003

Waste Sequence Number: 2000009
Sequence Number: 4352867
WCDA Code: D004

Waste Sequence Number: 2004724
Sequence Number: 4352762
WCDA Code: D007

Waste Sequence Number: 2003485
Sequence Number: 4325155
WCDA Code: D007

Waste Sequence Number: 2003487
Sequence Number: 4325232
WCDA Code: D004

Waste Sequence Number: 2003487
Sequence Number: 4325233
WCDA Code: D006

Waste Sequence Number: 2000009
Sequence Number: 4352869
WCDA Code: D010

Waste Sequence Number: 2000006
Sequence Number: 4352841
WCDA Code: D001

Waste Sequence Number: 2000006
Sequence Number: 4352842
WCDA Code: D035

Waste Sequence Number: 2003487
Sequence Number: 4325231
WCDA Code: D002

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2000027
Sequence Number: 4353051
WCDA Code: D011

Waste Stream Source Code:
CORB Waste Sequence Number: 117142
Waste Sequence Number: 2000004
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2000006
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2000009
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2000010
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2000025
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2000027
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2003485
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2003487
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2004724
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2005723
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2005724
Sequence Number: 1
WCDD Code: G07

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

J33 West 1/8-1/4 0.176 mi. 930 ft. | **PM TESTING LAB INC PACIFIC HWY**
3921 PACIFIC HWY E
TACOMA, WA 98424 | **WA VCP** | **S124436836**
N/A

Site 2 of 2 in cluster J

Relative: Higher

Actual: 15 ft.

VCP:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	98132319
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	1997-11-14
Rank:	Not reported
Cleanup Siteid:	2761
Contaminant Name:	Metals Priority Pollutants
Soil:	Remediated

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	98132319
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	1997-11-14
Rank:	Not reported
Cleanup Siteid:	2761
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

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34 WSW 1/8-1/4 0.177 mi. 933 ft. | **LEXUS OF TACOMA AT FIFE**
1708 40TH AVE CT E
FIFE, WA 98424 | **WA ALLSITES**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST | **1004794704**
WAH000003228

Relative: Higher

Actual: 15 ft.

ALLSITES:

Name:	LEXUS OF TACOMA AT FIFE
Facility Id:	90252898

RCRA Listings:

Date Form Received by Agency:	2008-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Handler Address:	1708 40TH AVE CT E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000003228

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Contact Name:	JEFF SMYTH
Contact Address:	1708 40TH ST CT E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-7100
Contact Fax:	Not reported
Contact Email:	SERVICE@LEXUSOFTACOMA.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1708 40TH ST CT E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	HO INC
Owner Type:	Private
Operator Name:	SMYTH, JEFF
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 16:45:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF S
Legal Status:	Private

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC H
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-10-03 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-17 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-08-26 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-01 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-12-06 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-04 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-07 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-04-02 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-28 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-11-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

FINDS:
Registry ID: 110005391496

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794704
Registry ID:	110005391496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005391496
Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

K35 **ATLANTIC RICHFIELD COMPANY** **WA UST** **U003352298**
East **4716 PACIFIC HWY E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.178 mi.
942 ft. **Site 1 of 5 in cluster K**

Relative:
Lower

Actual:
13 ft.

UST:

Name:	ATLANTIC RICHFIELD COMPANY
Address:	4716 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	3173479
Site Id:	100223
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2428256947
Decimal Longitude:	-122.36557365
Tank Name:	REGULAR 1
Tag Number:	A0208

ATLANTIC RICHFIELD COMPANY (Continued) **U003352298**

Tank Status:	Removed
Tank Status Date:	12/09/1998
Tank Install Date:	01/01/1990
Tank Closure Date:	12/08/2003
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	04/17/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ATLANTIC RICHFIELD COMPANY
Address:	4716 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	SUPER 4
Tag Number:	A0208
Tank Status:	Removed
Tank Status Date:	12/09/1998
Tank Install Date:	01/01/1990
Tank Closure Date:	12/08/2003
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	04/17/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ATLANTIC RICHFIELD COMPANY (Continued) **U003352298**

Name:	ATLANTIC RICHFIELD COMPANY
Address:	4716 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	UNLEAD 2
Tag Number:	A0208
Tank Status:	Removed
Tank Status Date:	12/09/1998
Tank Install Date:	01/01/1990
Tank Closure Date:	12/08/2003
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	04/17/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	ATLANTIC RICHFIELD COMPANY
Address:	4716 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	UNLEAD 3
Tag Number:	A0208
Tank Status:	Removed
Tank Status Date:	12/09/1998
Tank Install Date:	01/01/1990
Tank Closure Date:	12/08/2003
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	04/17/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe

ATLANTIC RICHFIELD COMPANY (Continued) **U003352298**

Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

K36 **ARCO 5658 PSI 5328** **WA VCP** **S124433804**
East **4716 PACIFIC HWY E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.178 mi.
942 ft. **Site 2 of 5 in cluster K**

Relative:
Lower

Actual:
13 ft.

VCP:
Name: ARCO 5658 PSI 5328
Address: 4716 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3173479
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 1999-04-26
Rank: Not reported
Cleanup Siteid: 5309
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: ARCO 5658 PSI 5328
Address: 4716 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3173479
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 1999-04-26
Rank: Not reported
Cleanup Siteid: 5309
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

K37 East 1/8-1/4 0.178 mi. 942 ft.

ARCO 5658 PSI 5328
4716 PACIFIC HWY E
FIFE, WA 98424

Site 3 of 5 in cluster K

WA LUST **1004794486**
WA ALLSITES **WAD988515136**
WA CSCSL NFA
RCRA NonGen / NLR
FINDS
ECHO

Relative: Lower

Actual: 13 ft.

LUST:

Name:	ARCO 5658 PSI 5328
Address:	4716 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	3173479
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5309
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	ARCO 05658,ATLANTIC RICHFIELD COMPANY
Response Section:	Southwest
Release Date:	01/15/1999
Lust Date:	04/26/1999
Region:	Southwest
Lust ID:	5110
UST ID:	100223
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2428256 / -122.36557

Name:	ARCO 5658 PSI 5328
Address:	4716 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	3173479
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5309
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	ARCO 05658,ATLANTIC RICHFIELD COMPANY
Response Section:	Southwest
Release Date:	01/15/1999
Lust Date:	04/26/1999
Region:	Southwest
Lust ID:	5110
UST ID:	100223
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2428256 / -122.36557

ALLSITES:

Name:	ARCO 5658 PSI 5328
Facility Id:	3173479

ARCO 5658 PSI 5328 (Continued) **1004794486**

CSCSL NFA:

Name:	ARCO 5658 PSI 5328
Address:	4716 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	3173479
CS Id:	5309
NFA Date:	04/26/1999
Alternate Site Names:	ARCO 05658,ATLANTIC RICHFIELD COMPANY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242825695
Longitude:	-122.36557365

Name:	ARCO 5658 PSI 5328
Address:	4716 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	3173479
CS Id:	5309
NFA Date:	04/26/1999
Alternate Site Names:	ARCO 05658,ATLANTIC RICHFIELD COMPANY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242825695
Longitude:	-122.36557365

RCRA Listings:

Date Form Received by Agency:	2000-07-11 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Handler Address:	4716 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988515136
Contact Name:	LINDA COHU
Contact Address:	PO BOX 6038
Contact City,State,Zip:	ARTESIA, CA 90702
Contact Telephone:	714-670-5401
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other

ARCO 5658 PSI 5328 (Continued) **1004794486**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 6038
Mailing City,State,Zip:	ARTESIA, WA 90702
Owner Name:	ARCO
Owner Type:	Private
Operator Name:	ARCO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

ARCO 5658 PSI 5328 (Continued) **1004794486**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 15:06:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO 5658 PSI 5328
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4716 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

ARCO 5658 PSI 5328 (Continued) **1004794486**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO 5658 PSI 5328
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4716 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO 5658 PSI 5328
Legal Status:	Private
Date Became Current:	Not reported

ARCO 5658 PSI 5328 (Continued) **1004794486**

Date Ended Current:	Not reported
Owner/Operator Address:	4716 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-670-5283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

ARCO 5658 PSI 5328 (Continued) **1004794486**

Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO 5658 PSI 5328
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4716 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO 5658 PSI 5328
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4716 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO A
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ARCO 5658 PSI 5328 (Continued) **1004794486**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO A
Legal Status:	Private
Date Became Current:	1996-07-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-670-5405
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702

ARCO 5658 PSI 5328 (Continued) **1004794486**

Owner/Operator Telephone:	714-670-5283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702
Owner/Operator Telephone:	714-670-5283
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARCO 5658 PSI 5328
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4716 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-07-10 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-01-22 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-07-11 00:00:00.0

ARCO 5658 PSI 5328 (Continued) **1004794486**

Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-04-09 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-19 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-13 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

ARCO 5658 PSI 5328 (Continued) **1004794486**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-22 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-07-10 00:00:00.0
Handler Name:	ARCO 5658 PSI 5328
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005381924

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water

ARCO 5658 PSI 5328 (Continued) **1004794486**

Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794486
Registry ID:	110005381924
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005381924
Name:	ARCO 5658 PSI 5328
Address:	4716 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

K38 **ARCO #5658 (TWO REPORTS)** **WA ICR** **S103850852**
East **4716 PACIFIC HWY E.** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.178 mi.
942 ft. **Site 4 of 5 in cluster K**

Relative:
Lower
Actual:
13 ft.

ICR:

Date Ecology Received Report:	04/20/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	I&F
Site Register Issue:	98-15
County Code:	27
Contact:	Not reported
Report Title:	Not reported

---

39 **BMW NORTHWEST VEHICLE DISPLAY LOT** **WA ALLSITES** **S111289256**
SSW **1902 GOLDAU RD E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.207 mi.
1092 ft.

Relative:
Higher
Actual:
17 ft.

ALLSITES:

Name:	BMW NORTHWEST VEHICLE DISPLAY LOT
Facility Id:	21366

K40 East 1/8-1/4 0.207 mi. 1094 ft. | **CAMPING WORLD 4650 16TH ST FIFE, WA 98424** | **WA ALLSITES** | **S109823902 N/A**

Site 5 of 5 in cluster K

Relative: Higher
Actual: 14 ft.

ALLSITES:
Name: CAMPING WORLD
Facility Id: 10746

---

41 SE 1/8-1/4 0.210 mi. 1109 ft. | **EXIDE CORP FIFE DUPLICATE 2001 48TH AVE CT E STE K FIFE, WA 98424** | **WA ALLSITES FINDS** | **1007065172 N/A**

Relative: Higher
Actual: 16 ft.

ALLSITES:
Name: EXIDE CORP FIFE DUPLICATE
Facility Id: 78365825

FINDS:
Registry ID: 110015417413

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

L42 East 1/8-1/4 0.225 mi. 1189 ft. | **PETARCIK SITE 911 PACIFIC HWY E TACOMA, WA 98424** | **SEMS** | **1000154689 WAD980511711**

Site 1 of 3 in cluster L

Relative: Lower
Actual: 13 ft.

SEMS:
Site ID: 1000832
EPA ID: WAD980511711
Name: PETARCIK SITE
Address: 911 PACIFIC HWY E
Address 2: Not reported
City,State,Zip: TACOMA, WA 98424
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000832

PETARCIK SITE (Continued) **1000154689**

EPA ID:	WAD980511711
Site Name:	PETARCIK SITE
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	11/1/1979 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000832
EPA ID:	WAD980511711
Site Name:	PETARCIK SITE
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-12-08 05:00:00
Finish Date:	12/8/1988 5:00:00 AM
Qual:	A
Current Action Lead:	St Perf

Region:	10
Site ID:	1000832
EPA ID:	WAD980511711
Site Name:	PETARCIK SITE
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-06-11 05:00:00
Finish Date:	5/14/1986 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

L43 **PETARCIK SITE** **WA CSCSL** **1007080841**
East **911 PACIFIC HWY E** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98424** **FINDS**
0.225 mi.
1189 ft. **Site 2 of 3 in cluster L**

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	PETARCIK OCCIDENTAL CHEMICAL
Address:	911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1214
Region:	Southwest
Lat/Long:	47.244223820399 / -122.3905524720
Clean Up Siteid:	4327

PETARCIK SITE (Continued) **1007080841**

Site Status: CC-O&M/Monitoring
Contaminant Name: Corrosive Wastes
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETARCIK OCCIDENTAL CHEMICAL
Address: 911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98402
Facility ID: 1214
Region: Southwest
Lat/Long: 47.244223820399 / -122.3905524720
Clean Up Siteid: 4327
Site Status: CC-O&M/Monitoring
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PETARCIK OCCIDENTAL CHEMICAL
Facility Id: 1214

FINDS:
Registry ID: 110015575643

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070605590

Click Here:

PETARCIK SITE (Continued) **1007080841**

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

44
WSW
1/8-1/4
0.226 mi.
1191 ft.

LEXUS OF FIFE PARKING LOT EXPANSION
3914 PACIFIC HWY E
FIFE, WA 98424

WA ALLSITES **S118820827**
N/A

Relative:
Higher

Actual:
16 ft.

ALLSITES:
Name: LEXUS OF FIFE PARKING LOT EXPANSION
Facility Id: 11803

L45
East
1/8-1/4
0.230 mi.
1217 ft.

SOUND ANALYTICAL SERVICES INC
4813 PACIFIC HWY E
TACOMA, WA 98424

Site 3 of 3 in cluster L

WA ALLSITES **1000660130**
RCRA NonGen / NLR **WAD988498119**
FINDS
ECHO

Relative:
Lower

Actual:
13 ft.

ALLSITES:
Name: SOUND ANALYTICAL SERVICES INC
Facility Id: 72636161

RCRA Listings:

Date Form Received by Agency:	2002-03-21 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Handler Address:	4813 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988498119
Contact Name:	JOHN CLAWSON
Contact Address:	5113 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-2310
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	5755 8TH STREET E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	SOUND ANALYTICAL SERVICES INC
Owner Type:	Private
Operator Name:	YERIAN, TRACY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:
Waste Code: D001

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D012
Waste Description: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

Waste Code: D014
Waste Description: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D034
Waste Description: HEXACHLOROETHANE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRENT H
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2618
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRACY Y
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2618
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	1996-07-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2639
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2618
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND ANALYTICAL SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	YERIAN, TRACY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4813 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEAM FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-03-02 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-21 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-06 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-07 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-02 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-02 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-20 00:00:00.0
Handler Name:	SOUND ANALYTICAL SERVICES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 54138
NAICS Description: TESTING LABORATORIES

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 2000-08-29 00:00:00.0
Actual Return to Compliance Date: 2000-09-05 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2000-08-29 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2000-08-29 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WADRW
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: 2000-09-05 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported

SOUND ANALYTICAL SERVICES INC (Continued) **1000660130**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005369699

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000660130
Registry ID: 110005369699
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005369699
Name: SOUND ANALYTICAL SERVICES INC
Address: 4813 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424

M46 **BMW NORTHWEST INC** **WA ALLSITES** **S109824701**
SSW **4011 20TH ST E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.237 mi.
1252 ft. **Site 1 of 2 in cluster M**

Relative:
Higher
Actual:
18 ft.

ALLSITES:
Name: BMW NORTHWEST INC
Facility Id: 16434792

M47 **BMW NORTHWEST INC** **RCRA NonGen / NLR** **1000659540**
SSW **4011 20TH ST E** **FINDS** **WAD988492146**
1/8-1/4 **TACOMA, WA 98424** **ECHO**
0.237 mi.
1252 ft. **Site 2 of 2 in cluster M**

Relative:
Higher
Actual:
18 ft.

RCRA Listings:
Date Form Received by Agency: 1997-01-14 00:00:00.0
Handler Name: BMW NORTHWEST INC
Handler Address: 4011 20TH ST E
Handler City,State,Zip: TACOMA, WA 98424
EPA ID: WAD988492146

BMW NORTHWEST INC (Continued) **1000659540**

Contact Name:	JACK MAUTINO
Contact Address:	4011 20TH ST E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-8700
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4011 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	BMW NORTHWEST INC
Owner Type:	Private
Operator Name:	MAUTINO, JACK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

BMW NORTHWEST INC (Continued) **1000659540**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:24:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACK M
Legal Status:	Private
Date Became Current:	1997-02-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1819
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BMW NORTHWEST INC (Continued) **1000659540**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1819
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAUTINO, JACK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WERNER S
Legal Status:	Private
Date Became Current:	1996-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1819

BMW NORTHWEST INC (Continued) **1000659540**

Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	1996-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAUTINO, JACK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCHARMACK, WERNER
Legal Status:	Private
Date Became Current:	Not reported

BMW NORTHWEST INC (Continued) **1000659540**

Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	1996-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

BMW NORTHWEST INC (Continued) **1000659540**

Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCHARMACK, WERNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1819
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BMW NORTHWEST INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCHARMACK, WERNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4011 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BMW NORTHWEST INC (Continued) **1000659540**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	1997-01-13 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-13 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-14 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	BMW NORTHWEST INC

BMW NORTHWEST INC (Continued) **1000659540**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-01-24 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-13 00:00:00.0
Handler Name:	BMW NORTHWEST INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No

BMW NORTHWEST INC (Continued) **1000659540**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-04-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005365014

BMW NORTHWEST INC (Continued) **1000659540**

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000659540
Registry ID:	110005365014
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005365014
Name:	BMW NORTHWEST INC
Address:	4011 20TH ST E
City,State,Zip:	TACOMA, WA 98424

48
South
1/8-1/4
0.239 mi.
1260 ft.

Relative:
Higher

Actual:
17 ft.

HONDA OF FIFE
4301 20TH ST E
FIFE, WA 98424

WA CSCSL **1000184492**
WA LUST **WAD147231880**
WA UST
WA ICR
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

CSCSL:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	72856623
Region:	Southwest
Lat/Long:	47.23935 / -122.37191
Clean Up Siteid:	10299
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

HONDA OF FIFE (Continued) **1000184492**

LUST:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	72856623
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	10299
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/12/1999
Lust Date:	06/22/2000
Region:	Southwest
Lust ID:	5162
UST ID:	10218
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23935 / -122.37191

UST:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City:	FIFE
Zip:	98424
Facility ID:	72856623
Site Id:	10218
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23935
Decimal Longitude:	-122.37191
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1985
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1985
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/12/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/14/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western

HONDA OF FIFE (Continued) **1000184492**

Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-26
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/29/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-29
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring

Date Ecology Received Report: 07/02/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-38
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring Report

Date Ecology Received Report: 09/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-40
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring Report

Date Ecology Received Report: 12/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-43
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring - November 2001

Date Ecology Received Report: 03/14/02

ALLSITES:
Name: HONDA OF FIFE
Facility Id: 72856623

RCRA Listings:

HONDA OF FIFE (Continued) **1000184492**

Date Form Received by Agency:	2003-08-07 00:00:00.0
Handler Name:	HONDA OF FIFE
Handler Address:	4301 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD147231880
Contact Name:	DEAN LEE JR
Contact Address:	4301 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-2673
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4301 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	HONDA OF FIFE
Owner Type:	Private
Operator Name:	LEE JR, DEAN D
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No

HONDA OF FIFE (Continued) **1000184492**

Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:33:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D

HONDA OF FIFE (Continued) **1000184492**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private

HONDA OF FIFE (Continued) **1000184492**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-08-07 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

HONDA OF FIFE (Continued) **1000184492**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-09 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-05 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-16 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-06-05 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-08-06 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

HONDA OF FIFE (Continued) **1000184492**

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2015-12-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAMTS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005332087

HONDA OF FIFE (Continued) **1000184492**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110070339584

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000184492
Registry ID:	110005332087
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005332087
Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424

N49 **HERTZ EQUIPMENT RENTAL FIFE** **WA ALLSITES** **1000421785**
South **4403 20TH ST E** **WA SPILLS** **WAD082500133**
1/8-1/4 **FIFE, WA 98424** **RCRA NonGen / NLR**
0.242 mi. **FINDS**
1277 ft. **Site 1 of 2 in cluster N** **ECHO**
WA NPDES

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	HERTZ EQUIPMENT RENTAL FIFE
Facility Id:	11198466

SPILLS:

Name:	HERC RENTALS
Address:	4403 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108522
Medium:	Catch Basin - Wet
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	0.01
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/08/2019
Incident Category Type:	Oil Spill
Incident Category:	Vehicular Accident-Oil Spill

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Latitude:	47.23945
Longitude:	-122.3702
Source Type:	Vehicle
Source:	Construction/utility vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	0.01
Resp Party Contact:	Kiel Pankonien
Cause:	Herc Rentals Diesel Spill Fife 10/8/19
Cause Type:	Not reported
Resp Party Name:	CURA Emergency Services

Name:	HERC RENTALS
Address:	4403 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108522
Medium:	Industrial Property
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	10
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/08/2019
Incident Category Type:	Oil Spill
Incident Category:	Vehicular Accident-Oil Spill
Latitude:	47.23945
Longitude:	-122.3702
Source Type:	Vehicle
Source:	Construction/utility vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Kiel Pankonien
Cause:	Herc Rentals Diesel Spill Fife 10/8/19
Cause Type:	Not reported
Resp Party Name:	CURA Emergency Services

RCRA Listings:

Date Form Received by Agency:	1995-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Handler Address:	4403 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD082500133
Contact Name:	SEATTLE CRANE E SEATTLE CRANE E
Contact Address:	4403 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424-1847
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Mailing Address:	4403 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424-1847
Owner Name:	SEATTLE CRANE E S
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:12:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEATTLE CRANE E S
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1847
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL C. SLATTERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 70583
Owner/Operator City,State,Zip:	SEATTLE, WA 98107
Owner/Operator Telephone:	206-972-3315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEATTLE CRANE EQUIP CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GARY MERMENSOLO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-922-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Electronic Manifest Broker:	Not reported
Receive Date:	1994-06-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-05-31 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-05-31 00:00:00.0
Handler Name:	SEATTLE CRANE & EQUIPMENT CO.
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SEATTLE CRANE & EQUIPMENT CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SEATTLE CRANE & EQUIPMENT, CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23891
NAICS Description:	SITE PREPARATION CONTRACTORS

NAICS Code:	238910
NAICS Description:	SITE PREPARATION CONTRACTORS

NAICS Code:	33312
NAICS Description:	CONSTRUCTION MACHINERY MANUFACTURING

NAICS Code:	333923
NAICS Description:	OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

No Violations Found:

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005327271

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000421785
Registry ID:	110005327271
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005327271
Name:	HERTZ EQUIPMENT RENTAL FIFE
Address:	4403 20TH ST E
City,State,Zip:	FIFE, WA 98424

NPDES:

Name:	HERC RENTALS INC.
Address:	4403 20TH ST E -
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR011337
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

---

50 West 1/8-1/4 0.247 mi. 1304 ft. | **JET AUTO WRECKING 3901 PACIFIC HWY E FIFE, WA 98424** | **WA ALLSITES WA CSCSL NFA** | **S104971969 N/A**

Relative: Higher

Actual: 16 ft.

ALLSITES:

Name:	JET AUTO WRECKING
Facility Id:	18020

CSCSL NFA:

Name:	JET AUTO WRECKING
Address:	3901 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	18020
CS Id:	2004
NFA Date:	01/28/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24295
Longitude:	-122.37698

Name:	JET AUTO WRECKING
Address:	3901 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	18020
CS Id:	2004
NFA Date:	01/28/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24295
Longitude:	-122.37698

N51 South 1/4-1/2 0.263 mi. 1391 ft.

GENSCO INC
4402 20TH ST E
TACOMA, WA 98424

Site 2 of 2 in cluster N

WA UST **1007070722**
WA ALLSITES **N/A**
FINDS
ECHO
WA ASBESTOS

Relative: Higher

Actual: 17 ft.

UST:

Name:	GENSCO INC
Address:	4402 20TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	43944875
Site Id:	825
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238433
Decimal Longitude:	-122.370677
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	GENSCO INC
Facility Id:	43944875

FINDS:

Registry ID: 110015473343

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

GENSCO INC (Continued) **1007070722**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007070722
Registry ID:	110015473343
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015473343
Name:	GENSCO INC
Address:	4402 20TH ST E
City,State,Zip:	TACOMA, WA 98424

ASBESTOS:

Name:	Not reported
Address:	4402 20TH STREET EAST PRODUCTION FLOOR
City,State,Zip:	TACOMA, WA 98424
Facility Type:	Manufacturing
Parent ID:	0
Form ID:	107258##1515PACIF967950
Notice Date:	10/19/2015
Start Date:	10/20/2015
Completion Date:	10/23/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	1
Site Hours Start:	6:00 p.mp
Site Hours End:	2:30 a.m.
Sunday:	Not reported
Monday:	Not reported
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	503-891-9462
Job Site CAS:	Todd Ray
Project Form Email:	toddr@icgpnw.com
Property Owner Name:	Not reported
Property Owner Agent:	Ryan Walters
Property Owner Company:	PACIFIC NORTHWEST ENVIRONMENTA (ABCN00001515)
Property Owner Address:	4402 20th Street East
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98424

GENSCO INC (Continued) **1007070722**

Property Owner Phone:	253-926-2054
Job Site Room:	Production Floor
Facility Age:	1970
Facility Size:	100k
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1250
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	Twister
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Damaged floor tile in production area.
Date Time Submitted:	2015-10-19 16:28:44
Submitter IP Address:	66.45.48.100

GENSCO INC (Continued) **1007070722**

Region:	3
UBI:	602960249
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Todd Ray ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4402 20TH STREET EAST PRODUCTION FLOOR
City,State,Zip:	TACOMA, WA 98424
Facility Type:	Manufacturing
Parent ID:	0
Form ID:	107260##1515PACIF971850
Notice Date:	10/19/2015
Start Date:	10/29/2015
Completion Date:	11/03/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	6:00 p.m.
Site Hours End:	2:30 a.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	Not reported
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	206-596-8560
Job Site CAS:	Todd Ray
Project Form Email:	toddr@icgpnw.com
Property Owner Name:	Not reported
Property Owner Agent:	Ryan Walters
Property Owner Company:	PACIFIC NORTHWEST ENVIRONMENTA (ABCN00001515)
Property Owner Address:	4402 20th Street East
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-926-2054
Job Site Room:	Production Floor
Facility Age:	1970
Facility Size:	100k
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1250
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported

GENSCO INC (Continued) **1007070722**

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	Twister
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-10-19 17:28:51
Submitter IP Address:	66.45.48.100
Region:	3
UBI:	602960249
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Todd Ray ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4402 20TH STREET EAST PRODUCTION FLOOR
City,State,Zip:	TACOMA, WA 98424
Facility Type:	Manufacturing
Parent ID:	107260
Form ID:	107330##1515PACIF835431
Notice Date:	10/21/2015

GENSCO INC (Continued) **1007070722**

Start Date:	10/29/2015
Completion Date:	11/03/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	10:00 p.m.
Site Hours End:	6:30 a.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	Not reported
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	206-596-8560
Job Site CAS:	Todd Ray
Project Form Email:	toddr@icgpnw.com
Property Owner Name:	Not reported
Property Owner Agent:	Ryan Walters
Property Owner Company:	PACIFIC NORTHWEST ENVIRONMENTA (ABCN00001515)
Property Owner Address:	4402 20th Street East
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-926-2054
Job Site Room:	Production Floor
Facility Age:	1970
Facility Size:	100k
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1250
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported

GENSCO INC (Continued) **1007070722**

Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	Twister
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended start/finish time
Date Time Submitted:	2015-10-21 10:07:22
Submitter IP Address:	66.45.48.100
Region:	3
UBI:	602960249
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Todd Ray ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

O52 **HOLLY MARINA** **WA CSCSL** **S103504287**
SW **4001 20TH NE** **WA LUST** **N/A**
1/4-1/2 **FIFE, WA 98424** **WA ICR**
0.266 mi. **WA ALLSITES**
1402 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
17 ft.

CSCSL:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Region:	Southwest
Lat/Long:	47.23952 / -122.37567
Clean Up Siteid:	9381
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	BOATLAND USA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported

HOLLY MARINA (Continued) **S103504287**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Region:	Southwest
Lat/Long:	47.23952 / -122.37567
Clean Up Siteid:	9381
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	BOATLAND USA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9381
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	BOATLAND USA
Response Section:	Southwest
Release Date:	09/08/1993
Lust Date:	03/09/2017
Region:	Southwest
Lust ID:	2948
UST ID:	102086
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23907 / -122.37523

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788

HOLLY MARINA (Continued) **S103504287**

Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9381
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	BOATLAND USA
Response Section:	Southwest
Release Date:	09/08/1993
Lust Date:	03/09/2017
Region:	Southwest
Lust ID:	2948
UST ID:	102086
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23907 / -122.37523

ICR:

Date Ecology Received Report:	09/18/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	BOATLAND USA
Facility Id:	47746788

O53 **HAWLEY MARINE** **WA VCP** **S124434584**
SW **4001 20TH NE** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.266 mi.
1402 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47746788
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported

HAWLEY MARINE (Continued) **S124434584**

Cleanup Siteid: 9381
Contaminant Name: Petroleum-Diesel
Soil: Confirmed Above Cleanup Levels

Name: HAWLEY MARINE
Address: 4001 20TH NE
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 47746788
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 9381
Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

P54 **GARDENVILLE GREENHOUSE** **WA ALLSITES** **1007087880**
SSE **4508 20TH ST E** **FINDS** **N/A**
1/4-1/2 **FIFE, WA 98424** **ECHO**
0.267 mi.
1411 ft. **Site 1 of 3 in cluster P**

Relative:
Higher

Actual:
17 ft.

ALLSITES:
Name: GARDENVILLE GREENHOUSE
Facility Id: 3831238

FINDS:
Registry ID: 110015674929

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

GARDENVILLE GREENHOUSE (Continued) **1007087880**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007087880
Registry ID:	110015674929
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015674929
Name:	GARDENVILLE GREENHOUSE
Address:	4508 20TH ST E
City,State,Zip:	FIFE, WA 98424

P55 **MIZUKAMI PROJECT** **WA INST CONTROL** **S106779695**
SSE **4524 20TH ST E** **WA ALLSITES** **N/A**
1/4-1/2 **FIFE, WA 98424** **WA CSCSL NFA**
0.270 mi.
1427 ft. **Site 2 of 3 in cluster P**

Relative:
Higher

Actual:
17 ft.

INST CONTROL:

Name:	MIZUKAMI PROJECT
Address:	4524 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Site ID:	9436194
Latitude:	47.238722
Longitude:	-122.368389
Instrument Type:	Environmental Covenant
NFA Date:	08/09/2012
County Filing # For Individual IC Doc:	2.0120608009e+011
Filing Date Of Individual IC Doc:	06/08/2012
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	CMKM LLC MIZUKAMI RESIDENCE
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	320126023
Control Active:	True
CS ID:	347
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

MIZUKAMI PROJECT (Continued) **S106779695**

ALLSITES:

Name:	MIZUKAMI PROJECT
Facility Id:	9436194

CSCSL NFA:

Name:	MIZUKAMI PROJECT
Address:	4524 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	9436194
CS Id:	347
NFA Date:	08/09/2012
Alternate Site Names:	CMKM LLC MIZUKAMI RESIDENCE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.238722
Longitude:	-122.368389

P56 **MIZUKAMI PROJECT** **WA VCP** **S124436665**
SSE **4524 20TH ST E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.270 mi.
1427 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	MIZUKAMI PROJECT
Address:	4524 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	9436194
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2012-08-09
Rank:	Not reported
Cleanup Siteid:	347
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated-Below

57 SSW 1/4-1/2 0.279 mi. 1471 ft. | **COSTCO BUSINESS CENTER 767**
3900 20TH ST E
FIFE, WA 98424 | **WA ALLSITES**
WA MANIFEST | **S109556840**
N/A

Relative: Higher

Actual: 18 ft.

ALLSITES:

Name:	COSTCO BUSINESS CENTER 767
Facility Id:	65249443

WA MANIFEST:

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,D001,D009,D003,P075
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	David McHargue
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Acidic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493774
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Aerosols
CORb Sequence Number:	165089
Sequence Number:	3493776
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.44320009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Basic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493777
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W320
Description:	Broken Fluorescent Lamps
CORb Sequence Number:	165089
Sequence Number:	3493778
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	405
Quanity Unit:	LB

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilograms Quanity:	183.708003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	165089
Sequence Number:	3493780
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	Intact Electronic Cigarettes
CORb Sequence Number:	165089
Sequence Number:	3493781
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	387
Quanity Unit:	LB
Kilograms Quanity:	175.543203
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	Oxidizing Solids
CORb Sequence Number:	165089
Sequence Number:	3493782
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WA Regulated Liquids & Solids
CORb Sequence Number:	165089
Sequence Number:	3493783
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	258
Quanity Unit:	LB
Kilograms Quanity:	117.028802
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Non Flammable Aerosols (Nitrous Oxide)
CORb Sequence Number:	165089
Sequence Number:	3493785
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	31
Quanity Unit:	LB
Kilograms Quanity:	14.0616002
Density Number:	0
Density Quanity:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Shipments Send:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493774
Sequence Number:	2097981
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493774
Sequence Number:	2097982
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097985
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097986
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097987
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097988
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number:	2097989
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493778
Sequence Number:	2098002
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	405
Unit of Measure:	LB
Kilograms Quanity:	183.708003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098005
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098006
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098007
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165089
Waste Sequence Number:	3493776
Sequence Number:	956027
Received EPAID:	WAD020257945
Managed Quanity:	12
Kilogram Quanity:	5.44320009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493777
Sequence Number:	956028
Received EPAID:	WAD020257945

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493778
Sequence Number:	956031
Received EPAID:	WAD020257945
Managed Quanity:	405
Kilogram Quanity:	183.708003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493783
Sequence Number:	956037
Received EPAID:	WAD020257945
Managed Quanity:	258
Kilogram Quanity:	117.028802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493785
Sequence Number:	956039
Received EPAID:	WAD020257945
Managed Quanity:	31
Kilogram Quanity:	14.0616002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493774
Sequence Number:	956024
Received EPAID:	WAD020257945
Managed Quanity:	7
Kilogram Quanity:	3.17520005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493780
Sequence Number:	956034
Received EPAID:	WAD020257945
Managed Quanity:	11
Kilogram Quanity:	4.98960008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493781
Sequence Number:	956035
Received EPAID:	INR000110197
Managed Quanity:	387
Kilogram Quanity:	175.543203
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493782
Sequence Number:	956036
Received EPAID:	WAD020257945
Managed Quanity:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165089
Comments: A-7 G09: Bulb replacements
Waste Sequence Number: 3493778
Sequence Number: 1

Comments: A-8 W319: Chlorine
Waste Sequence Number: 3493782
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493774
Sequence Number: 8215036
WCDA Code: D002

Waste Sequence Number: 3493776
Sequence Number: 8255485
WCDA Code: D001

Waste Sequence Number: 3493777
Sequence Number: 8215063
WCDA Code: D002

Waste Sequence Number: 3493778
Sequence Number: 8215085
WCDA Code: D009

Waste Sequence Number: 3493780
Sequence Number: 8215115
WCDA Code: D001

Waste Sequence Number: 3493781
Sequence Number: 8255483
WCDA Code: D003

Waste Sequence Number: 3493781
Sequence Number: 8255484
WCDA Code: P075

Waste Sequence Number: 3493782
Sequence Number: 8215135
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493778
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3493774
Sequence Number: 1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDD Code:	G11
Waste Sequence Number:	3493776
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493777
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493780
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493781
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493782
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493783
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493785
Sequence Number:	1
WCDD Code:	G11

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D009,D003,P075
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	(425)313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	(425)313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	(425)313-8100
Operator Effective Date:	01/01/2010
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Acidic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493774
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Aerosols
CORb Sequence Number:	165089
Sequence Number:	3493776
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.44320009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Basic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493777
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W320
Description:	Broken Fluorescent Lamps
CORb Sequence Number:	165089
Sequence Number:	3493778
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	405
Quanity Unit:	LB
Kilograms Quanity:	183.708003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	165089
Sequence Number:	3493780
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	Intact Electronic Cigarettes
CORb Sequence Number:	165089
Sequence Number:	3493781
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	387
Quanity Unit:	LB
Kilograms Quanity:	175.543203
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	Oxidizing Solids
CORb Sequence Number:	165089
Sequence Number:	3493782
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WA Regulated Liquids & Solids
CORb Sequence Number:	165089
Sequence Number:	3493783
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	258
Quanity Unit:	LB
Kilograms Quanity:	117.028802
Density Number:	0
Density Quanity:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Non Flammable Aerosols (Nitrous Oxide)
CORb Sequence Number:	165089
Sequence Number:	3493785
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	31
Quanity Unit:	LB
Kilograms Quanity:	14.0616002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493774
Sequence Number:	2097981
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493774
Sequence Number:	2097982
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097985
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097986
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	6
Unit of Measure:	LB

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilograms Quanity:	2.72160004
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097987
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097988
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097989
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493778
Sequence Number:	2098002
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	405
Unit of Measure:	LB
Kilograms Quanity:	183.708003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098005
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098006
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number:	3493780
Sequence Number:	2098007
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165089
Waste Sequence Number:	3493776
Sequence Number:	956027
Received EPAID:	WAD020257945
Managed Quanity:	12
Kilogram Quanity:	5.44320009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493777
Sequence Number:	956028
Received EPAID:	WAD020257945
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493778
Sequence Number:	956031
Received EPAID:	WAD020257945
Managed Quanity:	405
Kilogram Quanity:	183.708003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493783
Sequence Number:	956037
Received EPAID:	WAD020257945
Managed Quanity:	258
Kilogram Quanity:	117.028802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493785
Sequence Number:	956039
Received EPAID:	WAD020257945
Managed Quanity:	31
Kilogram Quanity:	14.0616002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493774
Sequence Number:	956024
Received EPAID:	WAD020257945
Managed Quanity:	7
Kilogram Quanity:	3.17520005
Recycled Percentage:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Management System Code: H141

Waste Sequence Number: 3493780
Sequence Number: 956034
Received EPAID: WAD020257945
Managed Quanity: 11
Kilogram Quanity: 4.98960008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493781
Sequence Number: 956035
Received EPAID: INR000110197
Managed Quanity: 387
Kilogram Quanity: 175.543203
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493782
Sequence Number: 956036
Received EPAID: WAD020257945
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165089
Comments: A-7 G09: Bulb replacements
Waste Sequence Number: 3493778
Sequence Number: 1

Comments: A-8 W319: Chlorine
Waste Sequence Number: 3493782
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493774
Sequence Number: 8215036
WCDA Code: D002

Waste Sequence Number: 3493776
Sequence Number: 8255485
WCDA Code: D001

Waste Sequence Number: 3493777
Sequence Number: 8215063
WCDA Code: D002

Waste Sequence Number: 3493778
Sequence Number: 8215085
WCDA Code: D009

Waste Sequence Number: 3493780
Sequence Number: 8215115

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDA Code:	D001
Waste Sequence Number:	3493781
Sequence Number:	8255483
WCDA Code:	D003
Waste Sequence Number:	3493781
Sequence Number:	8255484
WCDA Code:	P075
Waste Sequence Number:	3493782
Sequence Number:	8215135
WCDA Code:	D001

Waste Stream Source Code:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493778
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3493774
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493776
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493777
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493780
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493781
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493782
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493783
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493785
Sequence Number:	1
WCDD Code:	G11

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D018
Form Comm:	Site Contact updated
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	David McHargue
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D002,D001
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		COSTCO BUSINESS CENTER 767
Address:		3900 20TH ST E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		65249443
EPA ID:		WAH000000091
NAICS:		493110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		True

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Site Contact Address 2:	Not reported
Waste Stream Generated:	
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Lighters
CORb Sequence Number:	147578
Sequence Number:	3302465
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Aerosols
CORb Sequence Number:	147578
Sequence Number:	3302463
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	850
Quanity Unit:	LB
Kilograms Quanity:	385.560006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Description:	Flammable Liquids
CORb Sequence Number:	147578
Sequence Number:	3302464
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	33
Quanity Unit:	LB
Kilograms Quanity:	14.9688002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Oxidizing Liquids
CORb Sequence Number:	147578
Sequence Number:	3302466
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Propane and Butane Cylinders
CORb Sequence Number:	147578
Sequence Number:	3302483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147578

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number:	3302464
Sequence Number:	1789548
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	9
Unit of Measure:	LB
Kilograms Quanity:	4.08240007
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3302464
Sequence Number:	1789547
Shipment Date:	2014-03-07 00:00:00
Mainfest Document ID:	006276840FLE
Reported Quanity:	24
Unit of Measure:	LB
Kilograms Quanity:	10.8864001
Receiving EPAID:	INR000110197

Waste Sequence Number:	3302466
Sequence Number:	1789550
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3302483
Sequence Number:	1789567
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	7
Unit of Measure:	LB
Kilograms Quanity:	3.17520005
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3302463
Sequence Number:	1789546
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	169
Unit of Measure:	LB
Kilograms Quanity:	76.6584013
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3302463
Sequence Number:	1789543
Shipment Date:	2014-03-07 00:00:00
Mainfest Document ID:	006276840FLE
Reported Quanity:	265
Unit of Measure:	LB
Kilograms Quanity:	120.204002
Receiving EPAID:	INR000110197

Waste Sequence Number:	3302463
Sequence Number:	1789544
Shipment Date:	2014-05-23 00:00:00

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Mainfest Document ID:	006276974FLE
Reported Quanity:	238
Unit of Measure:	LB
Kilograms Quanity:	107.956801
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302463
Sequence Number:	1789545
Shipment Date:	2014-08-13 00:00:00
Mainfest Document ID:	006288094FLE
Reported Quanity:	178
Unit of Measure:	LB
Kilograms Quanity:	80.7408013
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3302465
Sequence Number:	1789549
Shipment Date:	2014-05-23 00:00:00
Mainfest Document ID:	006276974FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	INR000110197

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147578
Waste Sequence Number:	3302464
Sequence Number:	833632
Received EPAID:	INR000110197
Managed Quanity:	24
Kilogram Quanity:	10.8864001
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302464
Sequence Number:	833633
Received EPAID:	WAD020257945
Managed Quanity:	9
Kilogram Quanity:	4.08240007
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302466
Sequence Number:	833635
Received EPAID:	WAD020257945
Managed Quanity:	1
Kilogram Quanity:	0.45360000
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302483
Sequence Number:	833652
Received EPAID:	WAD020257945
Managed Quanity:	7
Kilogram Quanity:	3.17520005
Recycled Percentage:	0
Waste Management System Code:	H141

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number: 3302463
Sequence Number: 833629
Received EPAID: INR000110197
Managed Quanity: 503
Kilogram Quanity: 228.160803
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302463
Sequence Number: 833630
Received EPAID: WAD020257945
Managed Quanity: 169
Kilogram Quanity: 76.6584013
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302463
Sequence Number: 833631
Received EPAID: WAD991281767
Managed Quanity: 178
Kilogram Quanity: 80.7408013
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302465
Sequence Number: 833634
Received EPAID: INR000110197
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 147578
Waste Sequence Number: 3302463
Sequence Number: 7568244
WCDA Code: D001

Waste Sequence Number: 3302465
Sequence Number: 7407454
WCDA Code: D001

Waste Sequence Number: 3302464
Sequence Number: 7407451
WCDA Code: D001

Waste Sequence Number: 3302466
Sequence Number: 7407457
WCDA Code: D001

Waste Sequence Number: 3302483
Sequence Number: 7407486
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 147578

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number:	3302463
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3302464
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3302465
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3302466
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3302483
Sequence Number:	1
WCDD Code:	G11

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D002
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

58
SE
1/4-1/2
0.292 mi.
1540 ft.

LEXUS OF TACOMA AT FIFE CSWGP **WA ALLSITES** **S110038591**
4609 20TH ST E **N/A**
FIFE, WA 98424

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	LEXUS OF TACOMA AT FIFE CSWGP
Facility Id:	19141

Q59
East
1/4-1/2
0.306 mi.
1614 ft.

INFINITI OF TACOMA AT FIFE **WA ALLSITES** **S109823952**
4902 PACIFIC HWY E **N/A**
TACOMA, WA 98424

Site 1 of 4 in cluster Q

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	INFINITI OF TACOMA AT FIFE
Facility Id:	16806

Q60 East 1/4-1/2 0.314 mi. 1659 ft. | **ECOLOGICAL INDUSTRIES**
5007 PACIFIC HWY STE 23
FIFE, WA 98424

Site 2 of 4 in cluster Q

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1001031527
WAR000002329

Relative: Lower
Actual: 13 ft.

ALLSITES:

Name:	ECOLOGICAL INDUSTRIES
Facility Id:	33758291

RCRA Listings:

Date Form Received by Agency:	1996-11-22 00:00:00.0
Handler Name:	ECOLOGICAL INDUSTRIES
Handler Address:	5007 PACIFIC HWY STE 23
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAR000002329
Contact Name:	WILLIAM CONKLING
Contact Address:	5007 PACIFIC HWY E STE 23
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	206-926-3011
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	5007 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	ECOLOGICAL INDUSTRIES
Owner Type:	Private
Operator Name:	ECOLOGICAL INDUSTRIES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

ECOLOGICAL INDUSTRIES (Continued) **1001031527**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 13:38:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECOLOGICAL INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5007 PACIFIC HWY STE 23
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1940

ECOLOGICAL INDUSTRIES (Continued) **1001031527**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1940
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECOLOGICAL INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5007 PACIFIC HWY STE 23
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECOLOGICAL INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5007 PACIFIC HWY STE 23
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECOLOGICAL INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5007 PACIFIC HWY STE 23
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ECOLOGICAL INDUSTRIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

ECOLOGICAL INDUSTRIES (Continued) **1001031527**

Owner/Operator Address:	5007 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECOLOGICAL INDUSTRIES
Legal Status:	Private
Date Became Current:	1995-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5007 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-11-22 00:00:00.0
Handler Name:	ECOLOGICAL INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-11-22 00:00:00.0
Handler Name:	ECOLOGICAL INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-03-20 00:00:00.0
Handler Name:	ECOLOGICAL INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

ECOLOGICAL INDUSTRIES (Continued) **1001031527**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48422
NAICS Description: SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL

NAICS Code: Not reported
NAICS Description: Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005399871

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001031527
Registry ID: 110005399871
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005399871
Name: ECOLOGICAL INDUSTRIES
Address: 5007 PACIFIC HWY STE 23
City,State,Zip: FIFE, WA 98424

Q61 East 1/4-1/2 0.315 mi. 1663 ft. | **NAUTILUS ENVIRONMENTAL LLC** | **WA ALLSITES FINDS ECHO WA MANIFEST** | **1011924569 N/A**
5009 PACIFIC HWY E STE 2
FIFE, WA 98424

Site 3 of 4 in cluster Q

Relative: Lower
Actual: 13 ft.

ALLSITES:
Name: NAUTILUS ENVIRONMENTAL LLC
Facility Id: 344688

FINDS:
Registry ID: 110037448063

Click Here:

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1011924569
Registry ID:	110037448063
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037448063
Name:	NAUTILUS ENVIRONMENTAL LLC
Address:	5009 PACIFIC HWY E STE 2
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	NAUTILUS ENVIRONMENTAL LLC
Address:	5009 PACIFIC HWY E STE 2
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	344688
EPA ID:	WAH000032879
NAICS:	541380
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Shipment data not reported at this time because the TSD has failed to provide the appropriate Waste Codes. Report will be amended when the codes are received.
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Tax Reg #:	602405381
Business Type:	Env Testing Laboratory
Mail Name:	Nautilus Environmental
Mailing Address:	5009 Pacific Hwy E Ste 2
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Nautilus Environmental
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4340 Vandever
Legal Address 2:	Not reported
Legal City,State,Zip:	San Diego, CA 92120
Legal Phone Number:	(858)587-7333
Legal Effective Date:	07/31/2004
Land Organization Name:	Harsh Investment Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5119 Pacific Hwy E Ste 4
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)922-1940
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Cat Curran
Operator Address:	5009 Pacific Hwy E Ste 2
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-4296
Operator Effective Date:	Not reported
Site Contact:	Cat Curran
Site Contact Address:	5009 Pacific Hwy E Ste 2
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)922-4296
Site Contact Email:	cat@nautilusenvironmental.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NAUTILUS ENVIRONMENTAL LLC
Address:	5009 PACIFIC HWY E STE 2
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	344688
EPA ID:	WAH000032879
NAICS:	541380

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602405381
Business Type:	Env Testing Laboratory
Mail Name:	Nautilus Environmental
Mailing Address:	5009 Pacific Hwy E Ste 2
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Nautilus Environmental
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5550 Morehouse Dr Ste 150
Legal Address 2:	Not reported
Legal City,State,Zip:	San Diego, CA 92121
Legal Phone Number:	(858)587-7333
Legal Effective Date:	07/31/2004
Land Organization Name:	Harsh Investment Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5119 Pacific Hwy E Ste 4
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)922-1940
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Cat Curran
Operator Address:	5009 Pacific Hwy E Ste 2
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-4296
Operator Effective Date:	Not reported
Site Contact:	Cat Curran
Site Contact Address:	5009 Pacific Hwy E Ste 2
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)922-4296
Site Contact Email:	cat@nautilusenvironmental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NAUTILUS ENVIRONMENTAL LLC
Address:	5009 PACIFIC HWY E STE 2
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	344688
EPA ID:	WAH000032879
NAICS:	541380
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602405381
Business Type:	Env Testing Laboratory
Mail Name:	Nautilus Environmental
Mailing Address:	5009 Pacific Hwy E Ste 2
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Nautilus Environmental
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5550 Morehouse Dr Ste 150
Legal Address 2:	Not reported
Legal City,State,Zip:	San Diego, CA 92121
Legal Phone Number:	(858)587-7333
Legal Effective Date:	07/31/2004
Land Organization Name:	Harsh Investment Properties LLC
Land Organization Type:	Private

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Land Contact:	Not reported
Land Address:	5119 Pacific Hwy E Ste 4
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)922-1940
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Cat Curran
Operator Address:	5009 Pacific Hwy E Ste 2
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-4296
Operator Effective Date:	Not reported
Site Contact:	Cat Curran
Site Contact Address:	5009 Pacific Hwy E Ste 2
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)922-4296
Site Contact Email:	cat@nautilusenvironmental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NAUTILUS ENVIRONMENTAL LLC
Address:	5009 PACIFIC HWY E STE 2
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	344688
EPA ID:	WAH000032879
NAICS:	541380
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D002, D003, D004, D005, D006, D007, D009, D010, D011, D022, U044, U095, U188
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602405381
Business Type:	Env Testing Laboratory
Mail Name:	Nautilus Environmental
Mailing Address:	5009 Pacific Hwy E Ste 2
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Nautilus Environmental
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5550 Morehouse Dr Ste 150
Legal Address 2:	Not reported
Legal City,State,Zip:	San Diego, CA 92121
Legal Phone Number:	(858)587-7333
Legal Effective Date:	07/31/2004
Land Organization Name:	Harsh Investment Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5119 Pacific Hwy E Ste 4
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)922-1940
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Mary Ann Rempel Hester
Operator Address:	5009 Pacific Hwy E Ste 2
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-4296
Operator Effective Date:	12/11/2007
Site Contact:	Mary Ann Rempel Hester
Site Contact Address:	5009 Pacific Hwy E Ste 2
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)922-4296
Site Contact Email:	mary.ann@nautilusenvironmental.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Toxic Solid Inorganic
CORb Sequence Number:	114640
Sequence Number:	1880940
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.0720001560384027
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Oxidizing Liquid
CORb Sequence Number:	114640
Sequence Number:	1880938
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.0720001560384027
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste toxic liquids, corrosive, organic

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

CORb Sequence Number:	114640
Sequence Number:	1880941
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	150
Quanity Unit:	LB
Kilograms Quanity:	68.040001170288022
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Corrosive Liquids Toxic
CORb Sequence Number:	114640
Sequence Number:	1880946
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Corrosive Liquid, Basic, Inorganic
CORb Sequence Number:	114640
Sequence Number:	1880948
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Corrosive Solid, Acidic, Inorganic
CORb Sequence Number:	114640
Sequence Number:	1880947
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste corrosive liquid, acidic, inorganic
CORb Sequence Number:	114640
Sequence Number:	1880942
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.144000312076805
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Flammable Liquids
CORb Sequence Number:	114640
Sequence Number:	1880814
Mixed Radioactive Flag:	False
Designation Code:	D

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.0720001560384027
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Hazardous Waste, Liquid
CORb Sequence Number:	114640
Sequence Number:	1880949
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Corrosive Liquids, Flammable
CORb Sequence Number:	114640
Sequence Number:	1880944
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Waste Oxidizing Solid
CORb Sequence Number:	114640
Sequence Number:	1880939
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	114640
Waste Sequence Number:	1880938
Sequence Number:	875462
Shipment Date:	5/14/2008
Mainfest Document ID:	000009223VES
Reported Quanity:	20
Unit of Measure:	LB
Kilograms Quanity:	9.0720001560384
Receiving EPAID:	COD980591184
Waste Sequence Number:	1880939
Sequence Number:	875463
Shipment Date:	5/14/2008
Mainfest Document ID:	000009223VES
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	COD980591184
Waste Sequence Number:	1880814
Sequence Number:	875277
Shipment Date:	5/14/2008
Mainfest Document ID:	000009223VES
Reported Quanity:	20
Unit of Measure:	LB
Kilograms Quanity:	9.0720001560384
Receiving EPAID:	COD980591184

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114640
Waste Sequence Number:	1880938
Sequence Number:	448706
Received EPAID:	COD980591184
Managed Quanity:	20
Kilogram Quanity:	9.0720001560384027
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880939
Sequence Number:	448708

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Received EPAID:	COD980591184
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880941
Sequence Number:	448712
Received EPAID:	COD980591184
Managed Quanity:	150
Kilogram Quanity:	68.040001170288022
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880949
Sequence Number:	448720
Received EPAID:	COD980591184
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880942
Sequence Number:	448713
Received EPAID:	COD980591184
Managed Quanity:	40
Kilogram Quanity:	18.144000312076805
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880814
Sequence Number:	448705
Received EPAID:	COD980591184
Managed Quanity:	20
Kilogram Quanity:	9.0720001560384027
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880946
Sequence Number:	448717
Received EPAID:	COD980591184
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880940
Sequence Number:	448711
Received EPAID:	COD980591184
Managed Quanity:	20
Kilogram Quanity:	9.0720001560384027
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	1880947
Sequence Number:	448718
Received EPAID:	COD980591184

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

Managed Quanity: 10
Kilogram Quanity: 4.5360000780192014
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 1880948
Sequence Number: 448719
Received EPAID: COD980591184
Managed Quanity: 10
Kilogram Quanity: 4.5360000780192014
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 1880944
Sequence Number: 448715
Received EPAID: COD980591184
Managed Quanity: 10
Kilogram Quanity: 4.5360000780192014
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 114640
Waste Sequence Number: 1880940
Sequence Number: 3965369
WCDA Code: D006

Waste Sequence Number: 1880814
Sequence Number: 3965376
WCDA Code: U002

Waste Sequence Number: 1880938
Sequence Number: 3965383
WCDA Code: D011

Waste Sequence Number: 1880944
Sequence Number: 3965427
WCDA Code: D002

Waste Sequence Number: 1880946
Sequence Number: 3965443
WCDA Code: D002

Waste Sequence Number: 1880941
Sequence Number: 3965405
WCDA Code: D002

Waste Sequence Number: 1880939
Sequence Number: 3965386
WCDA Code: D001

Waste Sequence Number: 1880944
Sequence Number: 3965426
WCDA Code: D001

Waste Sequence Number: 1880942
Sequence Number: 3965412

NAUTILUS ENVIRONMENTAL LLC (Continued) **1011924569**

WCDA Code: D002

Waste Sequence Number: 1880940
Sequence Number: 3965367
WCDA Code: D005

Waste Sequence Number: 1880938
Sequence Number: 3965382
WCDA Code: D007

Waste Stream Source Code:
CORB Waste Sequence Number: 114640
Waste Sequence Number: 1880814
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880940
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880947
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880938
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880948
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880944
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880942
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880946
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880939
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880941
Sequence Number: 1
WCDD Code: G22

Waste Sequence Number: 1880949
Sequence Number: 1
WCDD Code: G22

R62 SW 1/4-1/2 0.320 mi. 1691 ft. | **NORTHWEST MINI**
3901 20TH ST E
FIFE, WA 98424

Site 1 of 2 in cluster R

WA ALLSITES | **S109824526**
N/A

Relative: Higher
Actual: 17 ft.

ALLSITES:
Name: NORTHWEST MINI
Facility Id: 17670

---

63 NW 1/4-1/2 0.329 mi. 1736 ft. | **COAST ENGINE & EQUIPMENT CORP**
4012 SR 509 S FRONTAGE RD
TACOMA, WA 98421

WA VCP | **S124433535**
N/A

Relative: Higher
Actual: 14 ft.

VCP:
Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Arsenic
Soil: Remediated-Below

Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Metals Priority Pollutants
Soil: Remediated-Below

Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported

COAST ENGINE & EQUIPMENT CORP (Continued) **S124433535**

Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated-Below

64
NE
1/4-1/2
0.335 mi.
1771 ft.

PIER 3 & 4 DREDGE MATERIAL PARCEL 14
4801 E 12TH ST
TACOMA, WA 98421

WA ALLSITES **S111414230**
N/A

Relative:
Lower

Actual:
13 ft.

ALLSITES:
Name: PIER 3 & 4 DREDGE MATERIAL PARCEL 14
Facility Id: 9557

Q65
East
1/4-1/2
0.337 mi.
1777 ft.

KIRK CO SUMNER
520 PACIFIC HWY S
SUMNER, WA 98390

Site 4 of 4 in cluster Q

WA ALLSITES **1000121431**
RCRA NonGen / NLR **WAD099042525**
FINDS
ECHO

Relative:
Lower

Actual:
13 ft.

ALLSITES:
Name: KIRK CO SUMNER
Facility Id: 33455496

RCRA Listings:
Date Form Received by Agency: 1983-12-21 00:00:00.0
Handler Name: KIRK CO SUMNER
Handler Address: 520 PACIFIC HWY S
Handler City,State,Zip: SUMNER, WA 98390
EPA ID: WAD099042525
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 10
Land Type: Other
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: WA
State District: SWRO
Mailing Address: PO BOX 340
Mailing City,State,Zip: PUYALLUP, WA 98371
Owner Name: KIRK CO

KIRK CO SUMNER (Continued) **1000121431**

Owner Type:	Private
Operator Name:	KIRK CO SUMNER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

KIRK CO SUMNER (Continued) **1000121431**

Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIRK CO SUMNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	520 PACIFIC HWY S
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIRK CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	520 PACIFIC HWY S
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	520 PACIFIC HWY S
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIRK CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	520 PACIFIC HWY S
Owner/Operator City,State,Zip:	SUMNER, WA 98390-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIRK CO SUMNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

KIRK CO SUMNER (Continued) **1000121431**

Owner/Operator Address: 520 PACIFIC HWY S
Owner/Operator City,State,Zip: SUMNER, WA 98390
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1983-12-21 00:00:00.0
Handler Name: KIRK CO SUMNER
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1983-12-21 00:00:00.0
Handler Name: KIRK CO SUMNER
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 11311
NAICS Description: TIMBER TRACT OPERATIONS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005329509

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

KIRK CO SUMNER (Continued) **1000121431**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000121431
Registry ID:	110005329509
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005329509
Name:	KIRK CO SUMNER
Address:	520 PACIFIC HWY S
City,State,Zip:	SUMNER, WA 98390

R66 **MORNING SUN INC** **WA ALLSITES** **1000474176**
SW **3500 20TH ST E BLDG C** **RCRA NonGen / NLR** **WAD988482741**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.337 mi. **ECHO**
1778 ft. **Site 2 of 2 in cluster R** **WA MANIFEST**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	WESTERN WA COCA COLA BOTTLING LLC FIFE
Facility Id:	66138
Name:	MORNING SUN INC
Facility Id:	12725474
Name:	IR SPECIALTY FOAM
Facility Id:	17474

RCRA Listings:

Date Form Received by Agency:	2006-03-04 00:00:00.0
Handler Name:	MORNING SUN INC
Handler Address:	3500 20TH ST E BLDG C
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988482741
Contact Name:	CHARLIE JENKINS
Contact Address:	PO BOX 2945
Contact City,State,Zip:	TACOMA, WA 98401
Contact Telephone:	253-922-6589
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 2945
Mailing City,State,Zip:	TACOMA, WA 98401
Owner Name:	THREE CITIES RESEARCH
Owner Type:	Private
Operator Name:	MORNING SUN INC

MORNING SUN INC (Continued) **1000474176**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 17:36:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

MORNING SUN INC (Continued) **1000474176**

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1851
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RE T
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC M
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENKINS, CHARLIE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2945
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-04 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

MORNING SUN INC (Continued) **1000474176**

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-18 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

MORNING SUN INC (Continued) **1000474176**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-07 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-02 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

MORNING SUN INC (Continued) **1000474176**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-14 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-13 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-15 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-01-28 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC

MORNING SUN INC (Continued) **1000474176**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	MORNING SUN INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	MORNING SUN, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

MORNING SUN INC (Continued) **1000474176**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	315999
NAICS Description:	OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING
NAICS Code:	33636
NAICS Description:	MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

MORNING SUN INC (Continued) **1000474176**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2003-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-04-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

MORNING SUN INC (Continued) **1000474176**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005358273

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
Registry ID: 110070354661

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000474176
Registry ID: 110005358273
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005358273
Name: MORNING SUN INC
Address: 3500 20TH ST E BLDG C
City,State,Zip: FIFE, WA 98424

WA MANIFEST:
Name: MORNING SUN INC
Address: 3500 20TH ST E BLDG C
City,State,Zip: FIFE, WA 98424-1727
Facility Address 2: Not reported
Facility ID: 12725474
EPA ID: WAD988482741
NAICS: 315999
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported

MORNING SUN INC (Continued) **1000474176**

Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601023744
Business Type:	mfg
Mail Name:	Morning Sun Inc
Mailing Address:	PO Box 2945
Mailing City,State,Zip:	TACOMA, WA 98401-2945
Legal Organization Name:	Three Cities Research
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	135 E 57TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	NEW YORK, NY 10022-2050
Legal Phone Number:	(212)838-9660
Legal Effective Date:	07/23/1996
Land Organization Name:	Pacific Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4301 INDUSTRY DR E STE A
Land City,State,Zip:	TACOMA, WA 98424-1851
Land Phone Number:	(253)922-9333
Operator Organization Name:	Morning Sun Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3500 20th St E Bldg C
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	253-922-6589
Operator Effective Date:	07/23/1996
Site Contact:	Charlie Jenkins
Site Contact Address:	PO Box 2945
Contact City,State,Zip:	TACOMA, WA 98401-2945
Site Contact Phone Number:	(253)922-6589
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No

MORNING SUN INC (Continued) **1000474176**

Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

S67
ENE
1/4-1/2
0.338 mi.
1785 ft.

SERVPRO OF TACOMA
5013 PACIFIC HWY E
FIFE, WA 98424

WA ALLSITES **S111289218**
N/A

Site 1 of 4 in cluster S

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	SERVPRO OF TACOMA
Facility Id:	19788

S68
ENE
1/4-1/2
0.338 mi.
1785 ft.

SIFCO SELECTIVE PLATING
5013 PACIFIC HWY E STE 2
FIFE, WA 98424

WA ALLSITES **1001490463**
RCRA NonGen / NLR **WAD982654832**
CA HAZNET
WA MANIFEST

Site 2 of 4 in cluster S

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	SIFCO SELECTIVE PLATING
Facility Id:	90811861

RCRA Listings:

Date Form Received by Agency:	2005-03-05 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Handler Address:	5013 PACIFIC HWY E STE 2
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982654832
Contact Name:	ROBERT WILLIAMS
Contact Address:	5708 E SCHAAF RD
Contact City,State,Zip:	CLEVELAND, OH 44131
Contact Telephone:	216-524-0099
Contact Fax:	Not reported
Contact Email:	RWILLIAMS@SIFCOPLATING.COM
Contact Title:	ENVIRONMENTAL HEALTH & SAFETY MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	5708 E SCHAAF RD
Mailing City,State,Zip:	CLEVELAND, WA 44131
Owner Name:	SIFCO INDUSTRIES INC

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Owner Type:	Private
Operator Name:	SIFCO SELECTIVE PLATING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Sub-Part P Indicator: Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SIFCO INDUSTRIE S
Legal Status: Private
Date Became Current: 2002-01-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 970 E 64TH ST
Owner/Operator City,State,Zip: CLEVELAND, OH 44103-1620
Owner/Operator Telephone: 216-881-8600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SIFCO SELECTIVE PLATING
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SIFCO SELECTIVE PLATING
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EHRENSCHNEIDER, WERNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5708 E SCHAAF RD
Owner/Operator City,State,Zip:	CLEVELAND, OH 44131
Owner/Operator Telephone:	216-524-0099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8065
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO SELECTIVE PLATING

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8065
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8065
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103-1620
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RODNEY M
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST SUIT
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8065
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Owner/Operator City,State,Zip:	CLEVELAND, OH 44103
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EHRENSCHNEIDER, WERNER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5708 E SCHAAF RD
Owner/Operator City,State,Zip:	CLEVELAND, OH 44131
Owner/Operator Telephone:	216-524-0099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST SUIT
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 2
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2639
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103
Owner/Operator Telephone:	216-881-8600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE BUSINESS PARK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5113 PACIFIC HWY E STE 1E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-992-2194
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103-1620
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIFCO INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	970 E 64TH ST
Owner/Operator City,State,Zip:	CLEVELAND, OH 44103-1620
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST SUIT
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIFCO SELECTIVE PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HIGHWAY EAST
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8065
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-01-23 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-04 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-05 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Receive Date:	1995-07-14 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-15 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-23 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-06 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-19 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-04 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-18 00:00:00.0
Handler Name:	SIFCO SELECTIVE PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2003-02-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WALLM
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HAZNET:

Name:	SIFCO SELECTIVE PLATING
Address:	5013 PACIFIC HWY E STE 2
Address 2:	Not reported
City,State,Zip:	FIFE, WA 98424
Contact:	ROBERT WILLIAMS
Telephone:	2165240099
Mailing Name:	Not reported
Mailing Address:	5708 E SCHAAF RD
Year:	2005
Gepaid:	WAD982654832
TSD EPA ID:	CAD009452657
CA Waste Code:	724 - Liquids with lead >= 500 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.68805
Year:	2004
Gepaid:	WAD982654832
TSD EPA ID:	CAD009452657
CA Waste Code:	724 - Liquids with lead >= 500 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.9174

Additional Info:

Year:	2004
Gen EPA ID:	WAD982654832
Shipment Date:	20040920
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20040927
Manifest ID:	23890481
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D006
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	WAD982654832
Shipment Date:	20050216
Creation Date:	4/29/2005 11:28:07
Receipt Date:	20050218
Manifest ID:	23890728
Trans EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	ROMIC ENVIRONMENTAL TECH
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	724 - Liquids with lead > 500 mg/l
RCRA Code:	D006
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	SIFCO SELECTIVE PLATING
Address:	5013 PACIFIC HWY E STE 2
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	90811861
EPA ID:	WAD982654832
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D002D006D007D008D011
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No

SIFCO SELECTIVE PLATING (Continued) **1001490463**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601701667
Business Type:	Selective Electroplating
Mail Name:	Sifco Selective Plating
Mailing Address:	5708 E SCHAAF RD
Mailing City,State,Zip:	CLEVELAND, OH 44131-1308
Legal Organization Name:	Sifco Industries Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	970 E 64TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	CLEVELAND, OH 44103-1620
Legal Phone Number:	(216)881-8600
Legal Effective Date:	01/02/2002
Land Organization Name:	Fife Business Park
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5113 PACIFIC HWY E STE 1E
Land City,State,Zip:	FIFE, WA 98424-2639
Land Phone Number:	(206)992-2194
Operator Organization Name:	Sifco Selective Plating
Operator Organization Type:	Private
Operator:	RODNEY D METZGER
Operator Address:	5013 PACIFIC HIGHWAY EAST SUITE 2
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253) 9228065
Operator Effective Date:	12/06/1996
Site Contact:	RODNEY D METZGER
Site Contact Address:	5013 PACIFIC HIGHWAY EAST SUITE 2
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253) 9228065
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

S69 ENE 1/4-1/2 0.338 mi. 1785 ft. | **LINCARE FIFE**
5013 PACIFIC HWY E STE 10
FIFE, WA 98424 | **WA ALLSITES FINDS** | **1007071550 N/A**

Site 3 of 4 in cluster S

Relative: Lower
Actual: 13 ft.

ALLSITES:
Name: LINCARE FIFE
Facility Id: 38612374

FINDS:
Registry ID: 110015481682

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

S70 ENE 1/4-1/2 0.338 mi. 1785 ft. | **SPECTRA LABORATORIES INC PACIF**
5013 PACIFIC HWY E 12
TACOMA, WA 98424 | **WA ALLSITES RCRA NonGen / NLR FINDS ECHO** | **1000181210 WAD988467684**

Site 4 of 4 in cluster S

Relative: Lower
Actual: 13 ft.

ALLSITES:
Name: SPECTRA LABORATORIES INC PACIF
Facility Id: 56352117

RCRA Listings:

Date Form Received by Agency:	1989-06-26 00:00:00.0
Handler Name:	SPECTRA LABORATORIES INC PACIF
Handler Address:	5013 PACIFIC HWY E 12
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988467684
Contact Name:	SPECTRA LABORAT SPECTRA LABORAT
Contact Address:	5013 PACIFIC HWY E STE 12
Contact City,State,Zip:	TACOMA, WA 98424-2642
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	5013 PACIFIC HWY E STE 12
Mailing City,State,Zip:	TACOMA, WA 98424-2642

SPECTRA LABORATORIES INC PACIF (Continued) **1000181210**

Owner Name:	SPECTRA LABORAT S
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

SPECTRA LABORATORIES INC PACIF (Continued) **1000181210**

Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECTRA LABORATORIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 12
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2642
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECTRA LABORATORIES INC PACIF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E 12
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECTRA LABORAT S
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 12
Owner/Operator City,State,Zip:	TACOMA, WA 98424-2642
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECTRA LABORATORIES INC PACIF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E 12
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported

SPECTRA LABORATORIES INC PACIF (Continued) **1000181210**

Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E 12
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECTRA LABORATORIES INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5013 PACIFIC HWY E STE 12
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-06-26 00:00:00.0
Handler Name:	SPECTRA LABORATORIES INC PACIF
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-06-26 00:00:00.0
Handler Name:	SPECTRA LABORATORIES INC PACIF
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-06-26 00:00:00.0
Handler Name:	SPECTRA LABORATORIES INC PACIF
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No

SPECTRA LABORATORIES INC PACIF (Continued) **1000181210**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 54138
NAICS Description: TESTING LABORATORIES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005349836

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000181210
Registry ID: 110005349836
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005349836
Name: SPECTRA LABORATORIES INC PACIF
Address: 5013 PACIFIC HWY E 12
City,State,Zip: TACOMA, WA 98424

T71 **BREMERTON TACOMA STAGES INC** **WA CSCSL** **1007073059**
SW **3801 20TH AVE E** **WA UST** **N/A**
1/4-1/2 **FIFE, WA 98424** **WA ALLSITES**
0.353 mi. **FINDS**
1862 ft. **Site 1 of 2 in cluster T**

Relative: Higher
Actual: 17 ft.

CSCSL:
Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 17456541
Region: Southwest
Lat/Long: 47.23871 / -122.37707
Clean Up Siteid: 4530
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank: Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 17456541
Region: Southwest
Lat/Long: 47.23871 / -122.37707
Clean Up Siteid: 4530
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 17456541
Region: Southwest
Lat/Long: 47.23871 / -122.37707
Clean Up Siteid: 4530
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UST:
Name: BREMERTON TACOMA STAGES INC

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Address:	3801 20TH AVE E
City:	FIFE
Zip:	98424
Facility ID:	29574255
Site Id:	8286
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238701
Decimal Longitude:	-122.378853

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1985
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BREMERTON TACOMA STAGES INC
Address:	3801 20TH AVE E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BREMERTON TACOMA STAGES INC
Facility Id:	29574255
Name:	CAPPA PROPERTY
Facility Id:	17456541

FINDS:

Registry ID: 110015496907

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

T72 **CAPPA PROPERTY** **WA VCP** **S124432866**
SW **3801 20TH ST E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.353 mi.
1862 ft. **Site 2 of 2 in cluster T**

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17456541
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4530
Contaminant Name:	Arsenic

CAPPA PROPERTY (Continued) **S124432866**

Soil: Confirmed Above Cleanup Levels

Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 17456541
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 4530
Contaminant Name: Metals Priority Pollutants
Soil: Remediated

Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 17456541
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 4530
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated

73
North
1/4-1/2
0.362 mi.
1910 ft.

PORTAC INC TACOMA
4215 SR 509 E FRONTAGE RD
TACOMA, WA 98421

WA CSCSL **S109344531**
WA ALLSITES **N/A**
WA MANIFEST

Relative:
Lower

Actual:
13 ft.

CSCSL:
Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True

PORTAC INC TACOMA (Continued) **S109344531**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Asbestos
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Remediated
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215

PORTAC INC TACOMA (Continued) **S109344531**

Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Remediated
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels

PORTAC INC TACOMA (Continued) **S109344531**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	PORTAC INC TACOMA
Facility Id:	1215

WA MANIFEST:

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3998
Facility Address 2:	Not reported
Facility ID:	1215
EPA ID:	WAD059327049
NAICS:	321912
State Waste Code Desc:	wt02
Federal Waste Code Desc:	d003
Form Comm:	I am finding this reporting system to be very cumbersome in that once filled out, it is unknown if information is sent. I am a one time generator who is cleaning plant site and cannot find appropriate references for the work.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

PORTAC INC TACOMA (Continued) **S109344531**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600298662
Business Type:	sawmill
Mail Name:	Portac Inc Tacoma
Mailing Address:	4215 SR 509 E Frontage Rd
Mailing City,State,Zip:	Tacoma, WA 98421-3998
Legal Organization Name:	Mitsui USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1001 4th Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98154-1101
Legal Phone Number:	(253)922-0756
Legal Effective Date:	07/08/1996
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	1 SITCUM WAY
Land City,State,Zip:	TACOMA, WA 98421-3000
Land Phone Number:	(253)383-5841
Operator Organization Name:	Portac Inc Tacoma
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	4215 SR 509 E Frontage Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-3998
Operator Phone Number:	(253)922-9900
Operator Effective Date:	01/01/1997
Site Contact:	Terry L Mathern
Site Contact Address:	4215 SR 509 E Frontage Rd
Contact City,State,Zip:	Tacoma, WA 98421-3998
Site Contact Phone Number:	(253)922-9900
Site Contact Email:	tmathern@portac.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

PORTAC INC TACOMA (Continued) **S109344531**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Waste soil with penta contamination
CORb Sequence Number:	114107
Sequence Number:	2003772
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2241490
Quanity Unit:	LB
Kilograms Quanity:	1016739.881487926
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Waste soil with penta contamination
CORb Sequence Number:	114107
Sequence Number:	1841205
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2472
Quanity Unit:	ST
Kilograms Quanity:	2242598.4385726932
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	114107
Waste Sequence Number:	1841205
Sequence Number:	876645
Shipment Date:	9/11/2008
Mainfest Document ID:	042901
Reported Quanity:	29
Unit of Measure:	ST
Kilograms Quanity:	26308.8004525114
Receiving EPAID:	IDD073114654

PORTAC INC TACOMA (Continued) **S109344531**

Waste Sequence Number:	1841205
Sequence Number:	876686
Shipment Date:	9/12/2008
Mainfest Document ID:	043173
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654

Waste Sequence Number:	1841205
Sequence Number:	876724
Shipment Date:	9/15/2008
Mainfest Document ID:	043406
Reported Quanity:	35
Unit of Measure:	ST
Kilograms Quanity:	31752.0005461344
Receiving EPAID:	IDD073114654

Waste Sequence Number:	1841205
Sequence Number:	876708
Shipment Date:	9/12/2008
Mainfest Document ID:	042996
Reported Quanity:	35
Unit of Measure:	ST
Kilograms Quanity:	31752.0005461344
Receiving EPAID:	IDD073114654

Waste Sequence Number:	1841205
Sequence Number:	876711
Shipment Date:	9/12/2008
Mainfest Document ID:	043050
Reported Quanity:	33
Unit of Measure:	ST
Kilograms Quanity:	29937.6005149267
Receiving EPAID:	IDD073114654

Waste Sequence Number:	1841205
Sequence Number:	876642
Shipment Date:	9/11/2008
Mainfest Document ID:	042854
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654

Waste Sequence Number:	1841205
Sequence Number:	876716
Shipment Date:	9/12/2008
Mainfest Document ID:	043017
Reported Quanity:	32
Unit of Measure:	ST
Kilograms Quanity:	29030.4004993229
Receiving EPAID:	IDD073114654

Waste Sequence Number:	1841205
Sequence Number:	876693
Shipment Date:	9/12/2008

PORTAC INC TACOMA (Continued) **S109344531**

Mainfest Document ID:	043127
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2003772
Sequence Number:	954680
Shipment Date:	12/8/2008
Mainfest Document ID:	100031849CTN
Reported Quanity:	61000
Unit of Measure:	LB
Kilograms Quanity:	27669.6004759171
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2003772
Sequence Number:	954699
Shipment Date:	12/3/2008
Mainfest Document ID:	100031827CTN
Reported Quanity:	66720
Unit of Measure:	LB
Kilograms Quanity:	30264.1925205441
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876684
Shipment Date:	9/12/2008
Mainfest Document ID:	043115
Reported Quanity:	32
Unit of Measure:	ST
Kilograms Quanity:	29030.4004993229
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114107
Waste Sequence Number:	1841205
Sequence Number:	488066
Received EPAID:	IDD073114654
Managed Quanity:	2472
Kilogram Quanity:	2242598.4385726932
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2003772
Sequence Number:	488072
Received EPAID:	WAD991281767
Managed Quanity:	1550
Kilogram Quanity:	703.08001209297629
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2003772
Sequence Number:	488071
Received EPAID:	IDD073114654
Managed Quanity:	2239940
Kilogram Quanity:	1016036.8014758331
Recycled Percentage:	0

PORTAC INC TACOMA (Continued) **S109344531**

Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 114107
Comments: One Time Clean Up of dipping area of waste soil that because contaminated prior to discontining use of pentachlorophnol in the 1098's found during demolition of site. One time only clean up.
Waste Sequence Number: 1841205
Sequence Number: 1

Comments: One Time Clean Up of dipping area of waste soil that because contaminated prior to discontining use of pentachlorophnol in the 1098's found during demolition of site. One time only clean up.
Waste Sequence Number: 2003772
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 114107
Waste Sequence Number: 1841205
Sequence Number: 4287084
WCDA Code: F032

Waste Sequence Number: 2003772
Sequence Number: 4287088
WCDA Code: F032

Waste Stream Source Code:
CORB Waste Sequence Number: 114107
Waste Sequence Number: 2003772
Sequence Number: 1
WCDD Code: G49

Waste Sequence Number: 1841205
Sequence Number: 1
WCDD Code: G44

U74 **MARINE TERMINAL CORPORATION** **WA ALLSITES** **S108479784**
NNW **4015 SR 509 N FRONTAGE RD** **WA MANIFEST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.362 mi.
1910 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
14 ft.

ALLSITES:
Name: EVERGREEN PIERCE COUNTY TERMINAL
Facility Id: 5427431

WA MANIFEST:
Name: MARINE TERMINAL CORPORATION
Address: 4015 SR 509 N FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 5427431
EPA ID: WAH000028208
NAICS: 488310
State Waste Code Desc: Not reported

MARINE TERMINAL CORPORATION (Continued) **S108479784**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024735
Business Type:	Intermodal Container Term
Mail Name:	Marine Terminals Corporation
Mailing Address:	4015 SR 509 N Frontage Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Evergreen America Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11734 S Election Dr Ste 150
Legal Address 2:	Not reported
Legal City,State,Zip:	Draper, UT 84020
Legal Phone Number:	(801)999-2200
Legal Effective Date:	12/28/2004
Land Organization Name:	Port of Tacoma
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	PO Box 1837
Land City,State,Zip:	Tacoma, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Marine Terminals Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	4015 SR 509 N Frontage Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)896-8300
Operator Effective Date:	12/28/2004
Site Contact:	Mark Miller
Site Contact Address:	4015 SR 509 N Frontage Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)896-8301
Site Contact Email:	mmiller@mtcorp.com
Gen Status Code:	MQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE

MARINE TERMINAL CORPORATION (Continued) **S108479784**

Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

U75 **AUTO WAREHOUSING CO** **WA HSL** **1000327287**
NNW **3715 E WEST RD** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA LUST**
0.370 mi. **WA UST**
1956 ft. **Site 2 of 2 in cluster U** **WA ALLSITES**

Relative:
Higher

Actual:
14 ft.

HSL:

Name:	AUTO WAREHOUSING CO TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	97814788
Rank:	3
Region:	SW
EDR Link ID:	97814788
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	AUTO WAREHOUSING CO TACOMA
Address:	3715 E WEST RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	97814788
Region:	Southwest
Lat/Long:	47.24769 / -122.37567
Clean Up Siteid:	6974
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	AUTO WAREHOUSING CO
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

AUTO WAREHOUSING CO (Continued) **1000327287**

Name:	AUTO WAREHOUSING CO TACOMA
Address:	3715 E WEST RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	97814788
Region:	Southwest
Lat/Long:	47.24769 / -122.37567
Clean Up Siteid:	6974
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	AUTO WAREHOUSING CO
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	AUTO WAREHOUSING CO TACOMA
Address:	3715 E WEST RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	97814788
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6974
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	AUTO WAREHOUSING CO
Response Section:	Southwest
Release Date:	04/11/1990
Lust Date:	05/18/2006
Region:	Southwest
Lust ID:	1294
UST ID:	1973
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24769 / -122.37567

Name:	AUTO WAREHOUSING CO TACOMA
Address:	3715 E WEST RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	97814788
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6974
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	AUTO WAREHOUSING CO
Response Section:	Southwest

AUTO WAREHOUSING CO (Continued) **1000327287**

Release Date:	04/11/1990
Lust Date:	05/18/2006
Region:	Southwest
Lust ID:	1294
UST ID:	1973
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24769 / -122.37567

UST:

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421
Facility ID:	97814788
Site Id:	1973
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24769
Decimal Longitude:	-122.37567

Tank Name:	T-25
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	10/08/2004
Tank Install Date:	10/10/1990
Tank Closure Date:	11/24/2004
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/03/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Performed
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

AUTO WAREHOUSING CO (Continued) **1000327287**

Tank Name:	T-26
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	10/08/2004
Tank Install Date:	10/10/1990
Tank Closure Date:	11/24/2004
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/03/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Performed
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-6
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

AUTO WAREHOUSING CO (Continued) **1000327287**

Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-7
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-8
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	AUTO WAREHOUSING CO TACOMA
Facility Id:	97814788
Name:	NORTH LEAD RAIL
Facility Id:	23525

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76 **HOGAN PARKING LOT** **WA ALLSITES** **S114555718**
East **1710 51ST AVE E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.374 mi.
1977 ft.

Relative: **Lower**

Actual: **13 ft.**

ALLSITES:

Name:	HOGAN PARKING LOT
Facility Id:	3068

V77 **COLUMBIA INSPECTION INC** **WA ALLSITES** **1004794628**
SE **4901 20TH ST E** **RCRA NonGen / NLR** **WAD988524419**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.375 mi. **ECHO**
1982 ft. **Site 1 of 3 in cluster V** **WA MANIFEST**

Relative: **Higher**

Actual: **16 ft.**

ALLSITES:

Name:	COLUMBIA INSPECTION INC
Facility Id:	2764134

RCRA Listings:

Date Form Received by Agency:	2009-03-24 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Handler Address:	4901 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988524419
Contact Name:	MARK DICKERSON
Contact Address:	PO BOX 83569
Contact City,State,Zip:	PORTLAND, OR 97283
Contact Telephone:	253-922-8781
Contact Fax:	Not reported
Contact Email:	CIPORTLAND@COLUMBIAINSPECTION.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 83569
Mailing City,State,Zip:	PORTLAND, WA 97283
Owner Name:	COLUMBIA INSPECTION INC
Owner Type:	Private
Operator Name:	DERMODY, STEVEN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 16:18:06.0

COLUMBIA INSPECTION INC (Continued) **1004794628**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DERMODY, STEVEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DERMODY, STEVEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203-3205
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
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Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DERMODY, STEVEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private

COLUMBIA INSPECTION INC (Continued) **1004794628**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203-3205
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203-3205
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAMS, L DEAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAMS, L DEAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DERMODY, STEVEN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVEN D
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203-3205
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAMS, L DEAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAMS, L DEAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private

COLUMBIA INSPECTION INC (Continued) **1004794628**

Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203-3205
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVEN D
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1912
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAMS, L DEAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLUMBIA INSPECTION INC
Legal Status:	Private
Date Became Current:	1993-08-16 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DICKERSON, DIANE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7133 N LOMBARD ST
Owner/Operator City,State,Zip:	PORTLAND, OR 97203
Owner/Operator Telephone:	503-286-9464
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WILLIAMS, L DEAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVEN DERMODY
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVEN DERMODY
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4901 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-23 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-24 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC

COLUMBIA INSPECTION INC (Continued) **1004794628**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-07 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-12-29 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

COLUMBIA INSPECTION INC (Continued) **1004794628**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-17 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-19 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-11 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

COLUMBIA INSPECTION INC (Continued) **1004794628**

Receive Date:	2004-01-23 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-23 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	COLUMBIA INSPECTION INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

COLUMBIA INSPECTION INC (Continued) **1004794628**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48839
NAICS Description:	OTHER SUPPORT ACTIVITIES FOR WATER TRANSPORTATION
NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-09-05 00:00:00.0

COLUMBIA INSPECTION INC (Continued) **1004794628**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005389061

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794628
Registry ID:	110005389061
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005389061
Name:	COLUMBIA INSPECTION INC
Address:	4901 20TH ST E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:		COLUMBIA INSPECTION INC
Address:		4901 20TH ST E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		2764134
EPA ID:		WAD988524419
NAICS:		48839
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Facility for gathering and testing small-quantity oil and diesel samples. Oil disposed to recycling facility. No other waste activities. I wanted to change our addresss as this one is not current

COLUMBIA INSPECTION INC (Continued) **1004794628**

	but could not do so here.
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600349669
Business Type:	Barge Inspection
Mail Name:	Columbia Inspection Inc
Mailing Address:	PO Box 83569
Mailing City,State,Zip:	Portland, OR 97283
Legal Organization Name:	Columbia Inspection Inc
Legal Organization Type:	Private
Legal Contact:	Steven Dermody
Legal Address:	7133 N Lombard St
Legal Address 2:	Not reported
Legal City,State,Zip:	Portland, OR 97203-3205
Legal Phone Number:	503-286-9464
Legal Effective Date:	08/16/1993
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Diane Dickerson
Land Address:	7133 N Lombard St
Land City,State,Zip:	PORTLAND, OR 97203-3205
Land Phone Number:	(503)286-9464
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Steven Dermody
Operator Address:	4901 20TH ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424-1912
Operator Phone Number:	(253)922-8781
Operator Effective Date:	01/01/2001
Site Contact:	Steve Dermody
Site Contact Address:	4901 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	253922-8781
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No

COLUMBIA INSPECTION INC (Continued) **1004794628**

Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

W78 **FIFE CITY STREETWASTE DECANT FACILITY** **WA SWF/LF** **S108276715**
WNW **3725 PACIFIC HWY E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.381 mi.
2010 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
17 ft.

SWF/LF:

Name:	FIFE CITY STREETWASTE DECANT FACILITY
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	1449
Region:	STATE
Permit Status:	Permitted
Contact Organization:	City of Fife Public Works
Contact Address1:	3725 Pacific Hwy E
Contact Address2:	Not reported
Contact City:	Fife
Contact State:	WA
Contact Postal:	98424
Contact EMail:	kgreen@cityoffife.org
Contact Phone:	(253) 255-5337
Contact Phone Ext:	Not reported
Permit No:	27-720
Phone:	(253) 922-9315
Operator Name:	Not reported
Operator Organization:	City of Fife Public Works
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PUBLIC
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Kenneth Green
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.24362
Longitude:	-122.37841

W79	**FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS**	**WA ALLSITES**	**1004794743**
WNW	**3725 PACIFIC HWY E**	**RCRA NonGen / NLR**	**WAH000004770**
1/4-1/2	**FIFE, WA 98424**	**FINDS**	
0.381 mi.		**ECHO**	
2010 ft.	**Site 2 of 2 in cluster W**	**WA MANIFEST**	
		WA NPDES	

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Facility Id:	72875345

RCRA Listings:

Date Form Received by Agency:	2018-01-22 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Handler Address:	3725 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000004770
Contact Name:	MIKE PORTERFIELD
Contact Address:	3725 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-9315
Contact Fax:	Not reported
Contact Email:	MPORTERFIELD@CITYFOFIFE.ORG
Contact Title:	LEAD MECHANIC
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3725 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	FIFE CITY
Owner Type:	Private
Operator Name:	CITY OF FIFE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-23 12:52:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE VEHICLE DIV DEPT OF PUBLIC WORKS
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE LINDHOLM
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
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Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE VEHICLE DIV DEPT OF PUBLIC WORKS
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Historic Generators:

Receive Date:	2010-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-30 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-02 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-24 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-27 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-18 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-10 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-18 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-14 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-14 00:00:00.0

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-07 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-30 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-10 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-26 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-04-04 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-01-22 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2012-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005392440

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794743
Registry ID:	110005392440
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005392440
Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	FIFE CITY OF
Address:	3725 PACIFIC HWY E -
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Municipal SW Phase II Western WA GP
Admin Region:	Headqarters
Date Issued:	07/01/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR045007
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	07/31/2024
Effective Date:	08/01/2019
Days to Expiration:	-1479

V80 ESE 1/4-1/2 0.387 mi. 2041 ft. | **WARTHOG**
4921 20TH ST E
FIFE, WA 98424

Site 2 of 3 in cluster V

WA ALLSITES | **S111769769**
N/A

Relative: Higher

Actual: 16 ft.

ALLSITES:

Name:	WARTHOG
Facility Id:	18947

---

81 WNW 1/4-1/2 0.394 mi. 2080 ft. | **ABRA AUTO BODY AND GLASS FIFE**
3909 PACIFIC HWY E
TACOMA, WA 98424

WA UST | **1000891883**
WA ALLSITES | **WA0000188706**
RCRA NonGen / NLR
FINDS
CA HAZNET
WA MANIFEST

Relative: Higher

Actual: 16 ft.

UST:

Name:	JET TRUCK PARTS INC
Address:	3909 PACIFIC HY EAST
City:	TACOMA
Zip:	98424
Facility ID:	52994962
Site Id:	7083
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24288
Decimal Longitude:	-122.37583
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TNT AUTOBODY & PAINT
Facility Id:	52994962

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

RCRA Listings:

Date Form Received by Agency:	2019-10-08 00:00:00.0
Handler Name:	CALIBER COLLISION CENTER FIFE 2907
Handler Address:	3909 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WA0000188706
Contact Name:	LORI EATON
Contact Address:	2941 LAKE VISTA
Contact City,State,Zip:	LEWISVILLE, TX 75067
Contact Telephone:	469-948-9500
Contact Fax:	Not reported
Contact Email:	LICENSEANDPERMITS@CALIBERCOLLISION.COM
Contact Title:	INTEGRATION LICENSING COORDINATOR
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2941 LAKE VISTA
Mailing City,State,Zip:	LEWISVILLE, TX 75067
Owner Name:	CALIBER HOLDINGS CORPORATION
Owner Type:	Private
Operator Name:	CALIBER HOLDINGS CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-11-21 12:03:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT INC
Legal Status:	Private
Date Became Current:	2001-02-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKWY
Owner/Operator City,State,Zip:	BROOKLYN CENTER, MN 55430
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER HOLDINGS CORPORATION
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063-4092
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYST E
Legal Status:	Private
Date Became Current:	1996-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT INC
Legal Status:	Private
Date Became Current:	2001-02-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN FAMILY PROPERTIES
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKWY
Owner/Operator City,State,Zip:	BOOKLYN CENTER, MN 55430
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIBER HOLDINGS CORPORATION
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA AUTO BODY GLASS, LP
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COL S
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA AUTO BODY GLASS, LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-05-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-05-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-22 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-07 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-08 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-06-27 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-03-17 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-13 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-17 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-28 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-07 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-10-08 00:00:00.0
Handler Name:	CALIBER COLLISION CENTER FIFE 2907
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811112
NAICS Description:	AUTOMOTIVE EXHAUST SYSTEM REPAIR
NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005303992

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:

Name:	TNT AUTOBODY & PAINT
Address:	3909 PACIFIC HWY E
Address 2:	Not reported
City,State,Zip:	FIFE, WA 98424
Contact:	TAMMI HATCHER
Telephone:	2539222996
Mailing Name:	Not reported
Mailing Address:	3909 PACIFIC HWY E
Year:	2002
Gepaid:	WA0000188706
TSD EPA ID:	CAD980884183
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	D99 - Disposal, Other
Tons:	0.1815

Additional Info:

Year:	2002
Gen EPA ID:	WA0000188706
Shipment Date:	20020627
Creation Date:	9/18/2002 18:32:45

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Receipt Date:	20020703
Manifest ID:	21293581
Trans EPA ID:	WAH000012450
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3909 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	ABRA Inc

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	(763)585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Hensrude, Scott and Christy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	(425)478-9949
Operator Organization Name:	ABRA Auto Body & Glass, LP
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	(763)585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D008,D018,D035,D039,D040,F001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	16120 Foster St
Mailing City,State,Zip:	Overland Park, KS 66085
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Auto Body & Glass, LP
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D035,D039,F003,F005,D040
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	16120 Foster St
Mailing City,State,Zip:	Overland Park, KS 66085
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D018,D035,D039,D040,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D035,F001,F003
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001D005D035F001F003
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Zesiger
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

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82 **GERBER COLLISION & GLASS** **WA ALLSITES** **1001969749**
SW **3701 20TH ST SE** **RCRA NonGen / NLR** **WAH000011130**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.400 mi. **ECHO**
2112 ft. **WA MANIFEST**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	GERBER COLLISION & GLASS FIFE
Facility Id:	96399117

RCRA Listings:

Date Form Received by Agency:	2007-01-19 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Handler Address:	3701 20TH ST SE
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000011130
Contact Name:	CHAD HAVERLOCK
Contact Address:	3701 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-377-9851
Contact Fax:	Not reported
Contact Email:	CHAVERLO@GERBERCOLLISION.COM

GERBER COLLISION & GLASS (Continued) **1001969749**

Contact Title:	GENERAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	AWC SERVICE COLLISION CENTER
Owner Type:	Private
Operator Name:	GERBER COLLISION GLASS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:13:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GERBER COLLISION & GLASS (Continued) **1001969749**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST SE
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION & GLASS
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private

GERBER COLLISION & GLASS (Continued) **1001969749**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COL A
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISIO G
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private

GERBER COLLISION & GLASS (Continued) **1001969749**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-18 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-19 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-23 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-22 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-03 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-15 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-18 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-10-23 00:00:00.0
Actual Return to Compliance Date:	2004-04-05 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-10-23 00:00:00.0
Enforcement Responsible Agency:	State

GERBER COLLISION & GLASS (Continued) **1001969749**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-10-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-04-05 00:00:00.0
Scheduled Compliance Date:	2002-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005397301

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a

GERBER COLLISION & GLASS (Continued) **1001969749**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969749
Registry ID:	110005397301
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005397301
Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96399117
EPA ID:	WAH000011130
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003 F005 D001 D005
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602149199
Business Type:	Collision Repair
Mail Name:	Gerber Collision & Glass
Mailing Address:	3701 20th St E

GERBER COLLISION & GLASS (Continued) **1001969749**

Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	AWC Service Collision Center
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3701 20th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-0540
Legal Effective Date:	10/01/2001
Land Organization Name:	Gerber Collision & Glass
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3701 20th St E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)896-1700
Operator Organization Name:	Gerber Collision & Glass
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3701 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-1700
Operator Effective Date:	03/23/2000
Site Contact:	Chad Haverlock
Site Contact Address:	3701 20th St E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)377-9854
Site Contact Email:	chaverlo@gerbercollision.com
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96399117
EPA ID:	WAH000011130
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003 F005 D001 D005
Form Comm:	Not reported
Data Year:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602149199
Business Type:	Collision Repair
Mail Name:	Gerber Collision & Glass
Mailing Address:	3701 20th St E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	AWC Service Collision Center
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3701 20th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-0540
Legal Effective Date:	10/01/2001
Land Organization Name:	Gerber Collision & Glass
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3701 20th St E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)896-1700
Operator Organization Name:	Gerber Collision & Glass
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3701 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-1700
Operator Effective Date:	03/23/2000
Site Contact:	Chad Haverlock
Site Contact Address:	3701 20th St E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)377-9854
Site Contact Email:	chaverlock@gerbercollision.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

X83 West 1/4-1/2 0.405 mi. 2140 ft. **CUMMINS NW INC** **WA LUST** **1000300241**
3701 PACIFIC HWY E **WA UST** **WAD148332539**
TACOMA, WA 98424 **WA ALLSITES**
WA CSCSL NFA
Site 1 of 3 in cluster X **RCRA NonGen / NLR**

Relative: Higher
Actual: 19 ft.

LUST:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

UST:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	32435394
Site Id:	1095
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242888
Decimal Longitude:	-122.379199

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	CUMMINS NW INC
Facility Id:	32435394

CSCSL NFA:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	32435394
CS Id:	3585
NFA Date:	04/03/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888
Longitude:	-122.379199

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	32435394
CS Id:	3585
NFA Date:	04/03/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888

CUMMINS NW INC (Continued) **1000300241**

Longitude:	-122.379199

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	32435394
CS Id:	3585
NFA Date:	04/03/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888
Longitude:	-122.379199

RCRA Listings:

Date Form Received by Agency:	2002-01-30 00:00:00.0
Handler Name:	CUMMINS NW INC
Handler Address:	3701 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD148332539
Contact Name:	ROGER TOLMAN
Contact Address:	3701 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-2191
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	CUMMINS NW INC
Owner Type:	Private
Operator Name:	CUMMINS NW INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

CUMMINS NW INC (Continued) **1000300241**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:33:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private

CUMMINS NW INC (Continued) **1000300241**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC C
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1138
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1138
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private

CUMMINS NW INC (Continued) **1000300241**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-30 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CUMMINS NW INC (Continued) **1000300241**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-01 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-23 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CUMMINS NW INC (Continued) **1000300241**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-02-26 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-12 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CUMMINS NORTHWEST INC TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	CUMMINS NW, INC.

CUMMINS NW INC (Continued) **1000300241**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333924
NAICS Description:	INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING
NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1997-06-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Evaluation Date:	1994-05-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

X84 **CUMMINS NW INC** **WA VCP** **S124433843**
West **3701 PACIFIC HWY E** **N/A**
1/4-1/2 **TACOMA, WA 98424**
0.405 mi.
2140 ft. **Site 2 of 3 in cluster X**

Relative:
Higher

Actual:
19 ft.

VCP:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2003-04-03
Rank:	Not reported
Cleanup Siteid:	3585
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2003-04-03
Rank:	Not reported
Cleanup Siteid:	3585
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name: CUMMINS NW INC

CUMMINS NW INC (Continued) **S124433843**

Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2003-04-03
Rank:	Not reported
Cleanup Siteid:	3585
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

Y85 **HOMETEL INN** **WA VCP** **S124435153**
West **3520 PACIFIC HWY E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.405 mi.
2141 ft. **Site 1 of 2 in cluster Y**

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	6088860
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4697
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	6088860
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4697
Contaminant Name:	Petroleum Products-Unspecified

HOMETEL INN (Continued) **S124435153**

Soil: Confirmed Above Cleanup Levels

Y86 **HOMETEL INN** **WA CSCSL** **1007677625**
West **3520 PACIFIC HWY E** **WA ALLSITES** **N/A**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.405 mi.
2141 ft. **Site 2 of 2 in cluster Y**

Relative:
Higher

Actual:
17 ft.

CSCSL:

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	6088860
Region:	Southwest
Lat/Long:	47.242517662691 / -122.3798645991
Clean Up Siteid:	4697
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	6088860
Region:	Southwest
Lat/Long:	47.242517662691 / -122.3798645991
Clean Up Siteid:	4697
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FIFE RV HOMETEL REDEVELOPMENT
Facility Id:	10432

HOMETEL INN (Continued) **1007677625**

Name: HOMETEL INN
Facility Id: 6088860

FINDS:
Registry ID: 110017943270

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

X87 | TACOMA PORT MOTOR INN | WA ALLSITES | 1001490527
West | 3518 PACIFIC HWY E | RCRA NonGen / NLR | WAD988469813
1/4-1/2 | FIFE, WA 98424 | FINDS
0.412 mi. | ECHO
2173 ft. | Site 3 of 3 in cluster X

Relative: Higher
Actual: 18 ft.

ALLSITES:
Name: TACOMA PORT MOTOR INN
Facility Id: 88749244

RCRA Listings:

Date Form Received by Agency:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Handler Address:	3518 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988469813
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 42589
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 42589
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	MIKE O
Operator Type:	Private
Short-Term Generator Activity:	No

TACOMA PORT MOTOR INN (Continued) **1001490527**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

TACOMA PORT MOTOR INN (Continued) **1001490527**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OSWEILER, MIKE
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-0365
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE O
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-0365
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3518 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT MOTOR INN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3518 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000

TACOMA PORT MOTOR INN (Continued) **1001490527**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN

TACOMA PORT MOTOR INN (Continued) **1001490527**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005351029

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490527
Registry ID:	110005351029
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005351029
Name:	TACOMA PORT MOTOR INN
Address:	3518 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

88	**PRECISION MACHINE WORKS**	**RCRA-SQG**	**1000878328**
ESE	**4101 D INDUSTRY DR E**	**WA ALLSITES**	**WA0000016139**
1/4-1/2	**FIFE, WA 98424**	**FINDS**	
0.415 mi.		**ECHO**	
2189 ft.		**WA MANIFEST**	

Relative:
Higher

Actual:
14 ft.

RCRA Listings:

Date Form Received by Agency:	2019-02-28 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Handler Address:	4101 D INDUSTRY DR E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WA0000016139
Contact Name:	BILL HABENICHT
Contact Address:	PO BOX 2265
Contact City,State,Zip:	KIRKLAND, WA 98083
Contact Telephone:	206-321-4767
Contact Fax:	Not reported
Contact Email:	BILLH@CNW.COM
Contact Title:	CONSULTANT
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2024 PUYALLUP AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CADENCE AEROSPACE LLC
Owner Type:	Private
Operator Name:	PRECISION MACHINE WORKS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006

PRECISION MACHINE WORKS (Continued) **1000878328**

Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CADENCE AEROSPACE LLC
Legal Status:	Private
Date Became Current:	2012-05-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	610 NEWPORT CENTER DR STE 950

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator City,State,Zip:	NEWPORT BEACH, CA 92660
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND V6V2J7
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANSPACIFIC ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private

PRECISION MACHINE WORKS (Continued) **1000878328**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND V6V2J7
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANSPACIFIC ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	QUEBECOR PRINTING INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4918 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-4929
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private

PRECISION MACHINE WORKS (Continued) **1000878328**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CADENCE AEROSPACE LLC
Legal Status:	Private
Date Became Current:	2012-05-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	610 NEWPORT CENTER DR STE 950
Owner/Operator City,State,Zip:	NEWPORT BEACH, CA 92660
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOUG RUSSELL
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	1957-11-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOUG RUSSELL
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1825
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private

PRECISION MACHINE WORKS (Continued) **1000878328**

Date Became Current:	1957-11-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1115
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANSPACIFIC ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAPHET, DENNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOUG RUSSELL
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRANSPACIFIC ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	2001-02-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(604)303-6630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private

PRECISION MACHINE WORKS (Continued) **1000878328**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LANDRAM, RUDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13566 MAYCREST WAY
Owner/Operator City,State,Zip:	RICHMOND, BC V6V2J
Owner/Operator Telephone:	(253)922-9393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CADENCE AEROSPACE LLC
Legal Status:	Private
Date Became Current:	2012-05-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	610 NEWPORT CENTER DR STE 950
Owner/Operator City,State,Zip:	NEWPORT BEACH, CA 92660
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMB PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PIER 1, BAY 1
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94111
Owner/Operator Telephone:	415-394-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CADENCE AEROSPACE LLC
Legal Status:	Private
Date Became Current:	2012-05-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	610 NEWPORT CENTER DR STE 950
Owner/Operator City,State,Zip:	NEWPORT BEACH, CA 92660
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private

PRECISION MACHINE WORKS (Continued) **1000878328**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Q MEDIA SOLUTIONS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 D INDUSTRY DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	QUEBECOR PRINTING INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4918 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-4929
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	QUEBECOR PRINTING INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4918 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-4929
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS REAL ESTATE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR STE E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL, DOUG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-0990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CADENCE AEROSPACE LLC
Legal Status:	Private
Date Became Current:	2012-05-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	610 NEWPORT CENTER DR STE 950
Owner/Operator City,State,Zip:	NEWPORT BEACH, CA 92660
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-798-5132
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOUG RUSSELL
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4101 INDUSTRY DR E STE D
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1825
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2012-02-14 00:00:00.0
Handler Name: PRECISION MACHINE WORKS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-07-31 00:00:00.0
Handler Name: Q MEDIA SOLUTIONS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-03-30 00:00:00.0
Handler Name: Q MEDIA SOLUTIONS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-03-30 00:00:00.0
Handler Name: Q MEDIA SOLUTIONS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1993-12-31 00:00:00.0

PRECISION MACHINE WORKS (Continued) **1000878328**

Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-12-13 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-14 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PRECISION MACHINE WORKS (Continued) **1000878328**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-21 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-22 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-22 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-25 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-19 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-12-15 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-22 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Small Quantity Generator

PRECISION MACHINE WORKS (Continued) **1000878328**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-26 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-07-31 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-31 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PRECISION MACHINE WORKS (Continued) **1000878328**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-10-27 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-27 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-23 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Receive Date:	2015-01-28 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-17 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-21 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-26 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PRECISION MACHINE WORKS (Continued) **1000878328**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-28 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	QUEBECOR INTEGRATED MEDIA INDUSTRY DR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	QUEBECOR PRINTING INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-25 00:00:00.0
Handler Name:	Q MEDIA SERVICES INDUSTRY DR FIFE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PRECISION MACHINE WORKS (Continued) **1000878328**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	Q MEDIA SOLUTIONS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32311
NAICS Description:	PRINTING
NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-02-21 00:00:00.0
Actual Return to Compliance Date:	2001-02-21 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-02-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WABFM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-02-21 00:00:00.0
Actual Return to Compliance Date: 2001-02-21 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2001-02-21 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WABFM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2012-11-15 00:00:00.0
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2008-02-14 00:00:00.0
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2012-11-15 00:00:00.0
Actual Return to Compliance Date: 2013-01-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2013-01-14 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-12-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1997-11-13 00:00:00.0
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1997-11-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-02-14 00:00:00.0
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1997-11-13 00:00:00.0
Actual Return to Compliance Date: 1998-01-20 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1998-01-20 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1997-11-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: WA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WANAS
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2008-02-14 00:00:00.0
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2008-02-14 00:00:00.0
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2012-11-15 00:00:00.0
Actual Return to Compliance Date: 2013-01-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2013-01-14 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-12-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1997-11-13 00:00:00.0
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1997-11-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2012-11-15 00:00:00.0
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1997-11-13 00:00:00.0
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1997-11-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-11-15 00:00:00.0
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-02-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-02-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM

PRECISION MACHINE WORKS (Continued) **1000878328**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-02-21 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-02-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-11-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-02-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-11-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-02-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-02-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2008-02-22 00:00:00.0
Scheduled Compliance Date:	2008-03-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-15 00:00:00.0
Evaluation Responsible Agency:	State

PRECISION MACHINE WORKS (Continued) **1000878328**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-11-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-01-16 00:00:00.0
Scheduled Compliance Date:	2013-01-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-11-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-01-20 00:00:00.0
Scheduled Compliance Date:	1998-01-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-01-16 00:00:00.0

PRECISION MACHINE WORKS (Continued) **1000878328**

Scheduled Compliance Date:	2013-01-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	Q MEDIA SOLUTIONS INC
Facility Id:	93592927

FINDS:

Registry ID: 110005301011

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000878328
Registry ID:	110005301011
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005301011
Name:	Q MEDIA SOLUTIONS INC
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False

PRECISION MACHINE WORKS (Continued) **1000878328**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Cadence Aerospace LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	610 Newport Center Dr Ste 950
Legal Address 2:	Not reported
Legal City,State,Zip:	Newport Beach, CA 92660
Legal Phone Number:	(303)292-7302
Legal Effective Date:	05/09/2012
Land Organization Name:	AMB Partners
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags & Debris Contaminated with Sealants
CORb Sequence Number:	166118
Sequence Number:	3499497
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1458
Quanity Unit:	LB
Kilograms Quanity:	661.348811
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	2108919
Shipment Date:	2017-10-06 00:00:00
Mainfest Document ID:	005545464SKS
Reported Quanity:	1458
Unit of Measure:	LB
Kilograms Quanity:	661.348811
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	963505
Received EPAID:	NED981723513
Managed Quanity:	1458
Kilogram Quanity:	661.348811
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	166118
Waste Sequence Number:	3499497

PRECISION MACHINE WORKS (Continued) **1000878328**

Sequence Number:	8269140
WCDA Code:	D001
Waste Sequence Number:	3499497
Sequence Number:	8269141
WCDA Code:	D005
Waste Sequence Number:	3499497
Sequence Number:	8269142
WCDA Code:	D006
Waste Sequence Number:	3499497
Sequence Number:	8269143
WCDA Code:	D007
Waste Sequence Number:	3499497
Sequence Number:	8269144
WCDA Code:	F003
Waste Sequence Number:	3499497
Sequence Number:	8269145
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D007,D008,D035,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Cadence Aerospace LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	610 Newport Center Dr Ste 950
Legal Address 2:	Not reported
Legal City,State,Zip:	Newport Beach, CA 92660
Legal Phone Number:	(303)292-7302
Legal Effective Date:	05/09/2012
Land Organization Name:	AMB Partners
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags & Debris Contaminated with Sealants
CORb Sequence Number:	166118
Sequence Number:	3499497
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1458
Quanity Unit:	LB
Kilograms Quanity:	661.348811
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	2108919
Shipment Date:	2017-10-06 00:00:00
Mainfest Document ID:	005545464SKS
Reported Quanity:	1458
Unit of Measure:	LB
Kilograms Quanity:	661.348811
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	963505
Received EPAID:	NED981723513
Managed Quanity:	1458
Kilogram Quanity:	661.348811
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	8269140
WCDA Code:	D001
Waste Sequence Number:	3499497
Sequence Number:	8269141
WCDA Code:	D005
Waste Sequence Number:	3499497
Sequence Number:	8269142
WCDA Code:	D006
Waste Sequence Number:	3499497
Sequence Number:	8269143
WCDA Code:	D007
Waste Sequence Number:	3499497

PRECISION MACHINE WORKS (Continued) **1000878328**

Sequence Number:	8269144
WCDA Code:	F003
Waste Sequence Number:	3499497
Sequence Number:	8269145
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	166118
Waste Sequence Number:	3499497
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,F003,F005
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Cadence Aerospace LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	610 Newport Center Dr Ste 950
Legal Address 2:	Not reported
Legal City,State,Zip:	Newport Beach, CA 92660
Legal Phone Number:	(303)292-7302
Legal Effective Date:	05/09/2012
Land Organization Name:	AMB Partners
Land Organization Type:	Private

PRECISION MACHINE WORKS (Continued) **1000878328**

Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags & Debris Contaminated with Sealants
CORb Sequence Number:	159923
Sequence Number:	3424490
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	997
Quanity Unit:	LB
Kilograms Quanity:	452.239207
Density Number:	0
Density Quanity:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Shipments Send:

CORB Waste Sequence Number:	159923
Waste Sequence Number:	3424490
Sequence Number:	2015684
Shipment Date:	2016-05-04 00:00:00
Mainfest Document ID:	005219218SKS
Reported Quanity:	997
Unit of Measure:	LB
Kilograms Quanity:	452.239207
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	159923
Waste Sequence Number:	3424490
Sequence Number:	917827
Received EPAID:	NED981723513
Managed Quanity:	997
Kilogram Quanity:	452.239207
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	159923
Waste Sequence Number:	3424490
Sequence Number:	7968398
WCDA Code:	D001
Waste Sequence Number:	3424490
Sequence Number:	7968399
WCDA Code:	D005
Waste Sequence Number:	3424490
Sequence Number:	7968400
WCDA Code:	D006
Waste Sequence Number:	3424490
Sequence Number:	7968401
WCDA Code:	D007
Waste Sequence Number:	3424490
Sequence Number:	7968402
WCDA Code:	F003
Waste Sequence Number:	3424490
Sequence Number:	7968403
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	159923
Waste Sequence Number:	3424490
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS

PRECISION MACHINE WORKS (Continued) **1000878328**

Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Cadence Aerospace LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	610 Newport Center Dr Ste 950
Legal Address 2:	Not reported
Legal City,State,Zip:	Newport Beach, CA 92660
Legal Phone Number:	(303)292-7302
Legal Effective Date:	05/09/2012
Land Organization Name:	AMB Partners
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424

PRECISION MACHINE WORKS (Continued) **1000878328**

Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags & Debris Contaminated with Sealants
CORb Sequence Number:	154012
Sequence Number:	3366856
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1053
Quanity Unit:	LB
Kilograms Quanity:	477.640808
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	154012
Waste Sequence Number:	3366856
Sequence Number:	1933673
Shipment Date:	2015-04-17 00:00:00
Mainfest Document ID:	004193126SKS
Reported Quanity:	286
Unit of Measure:	LB
Kilograms Quanity:	129.729602
Receiving EPAID:	NED981723513

Waste Sequence Number:	3366856
Sequence Number:	1933672
Shipment Date:	2015-01-09 00:00:00

PRECISION MACHINE WORKS (Continued) **1000878328**

Mainfest Document ID:	004478042SKS
Reported Quanity:	767
Unit of Measure:	LB
Kilograms Quanity:	347.911205
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	154012
Waste Sequence Number:	3366856
Sequence Number:	880369
Received EPAID:	NED981723513
Managed Quanity:	1053
Kilogram Quanity:	477.640808
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	154012
Waste Sequence Number:	3366856
Sequence Number:	7692467
WCDA Code:	D001
Waste Sequence Number:	3366856
Sequence Number:	7692468
WCDA Code:	D005
Waste Sequence Number:	3366856
Sequence Number:	7692469
WCDA Code:	D006
Waste Sequence Number:	3366856
Sequence Number:	7692470
WCDA Code:	D007
Waste Sequence Number:	3366856
Sequence Number:	7692471
WCDA Code:	F003
Waste Sequence Number:	3366856
Sequence Number:	7692472
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	154012
Waste Sequence Number:	3366856
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413

PRECISION MACHINE WORKS (Continued) **1000878328**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,F003,F005
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St
Legal Address 2:	Ste 200
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	AMB Partners
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False

PRECISION MACHINE WORKS (Continued) **1000878328**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001 - Ignitable, D005 - Barium, D006 - Cadmium, D007 - Chromium, D008 - Lead, D035 - Methyl Ethyl Ketone, F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St
Legal Address 2:	Ste 200
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	AMB Partners

PRECISION MACHINE WORKS (Continued) **1000878328**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Waste Rags & Debris
CORb Sequence Number:	141838
Sequence Number:	3227770
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1181
Quanity Unit:	LB
Kilograms Quanity:	535.701609
Density Number:	0
Density Quanity:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Shipments Send:

CORB Waste Sequence Number:	141838
Waste Sequence Number:	3227770
Sequence Number:	1626321
Shipment Date:	2013-04-26 00:00:00
Mainfest Document ID:	003755771SKS
Reported Quanity:	468
Unit of Measure:	LB
Kilograms Quanity:	212.284803
Receiving EPAID:	TXD077603371

Waste Sequence Number:	3227770
Sequence Number:	1626322
Shipment Date:	2013-12-23 00:00:00
Mainfest Document ID:	004170029SKS
Reported Quanity:	713
Unit of Measure:	LB
Kilograms Quanity:	323.416805
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	141838
Waste Sequence Number:	3227770
Sequence Number:	784988
Received EPAID:	TXD077603371
Managed Quanity:	468
Kilogram Quanity:	212.284803
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Sequence Number:	3227770
Sequence Number:	784989
Received EPAID:	NED981723513
Managed Quanity:	713
Kilogram Quanity:	323.416805
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	141838
Waste Sequence Number:	3227770
Sequence Number:	7135384
WCDA Code:	D001

Waste Sequence Number:	3227770
Sequence Number:	7135385
WCDA Code:	D005

Waste Sequence Number:	3227770
Sequence Number:	7135389
WCDA Code:	D007

Waste Sequence Number:	3227770
Sequence Number:	7135386
WCDA Code:	D035

PRECISION MACHINE WORKS (Continued) **1000878328**

Waste Sequence Number:	3227770
Sequence Number:	7135387
WCDA Code:	F003
Waste Sequence Number:	3227770
Sequence Number:	7135388
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	141838
Waste Sequence Number:	3227770
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001 - Ignitable, D005 - Barium, D035 - MEK, F003, F005
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St
Legal Address 2:	Ste 200
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	AMB Partners

PRECISION MACHINE WORKS (Continued) **1000878328**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Waste Rags & Debris
CORb Sequence Number:	139038
Sequence Number:	2695077
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	768
Quanity Unit:	LB
Kilograms Quanity:	348.364805
Density Number:	0
Density Quanity:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Shipments Send:

CORB Waste Sequence Number:	139038
Waste Sequence Number:	2695077
Sequence Number:	1417891
Shipment Date:	2012-03-02 00:00:00
Mainfest Document ID:	003028506SKS
Reported Quanity:	768
Unit of Measure:	LB
Kilograms Quanity:	348.364805
Receiving EPAID:	TXD077603371

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	139038
Waste Sequence Number:	2695077
Sequence Number:	687594
Received EPAID:	TXD077603371
Managed Quanity:	768
Kilogram Quanity:	348.364805
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Stream EPA Code:

CORB Waste Sequence Number:	139038
Waste Sequence Number:	2695077
Sequence Number:	6045470
WCDA Code:	D001
Waste Sequence Number:	2695077
Sequence Number:	6045471
WCDA Code:	D005
Waste Sequence Number:	2695077
Sequence Number:	6045472
WCDA Code:	D035
Waste Sequence Number:	2695077
Sequence Number:	6045473
WCDA Code:	F003
Waste Sequence Number:	2695077
Sequence Number:	6045474
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	139038
Waste Sequence Number:	2695077
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927

PRECISION MACHINE WORKS (Continued) **1000878328**

EPA ID:	WA0000016139
NAICS:	336413
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D005, D035, F003, F005
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Machine Shop
Mail Name:	Precision Machine Works
Mailing Address:	2024 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421-1115
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St
Legal Address 2:	Ste 200
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	AMB Partners
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	Pier 1, Bay 1
Land City,State,Zip:	San Francisco, CA 94111
Land Phone Number:	(415)394-9000
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1115
Operator Phone Number:	(253)798-5132
Operator Effective Date:	11/29/1957
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)798-5132
Site Contact Email:	Kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True

PRECISION MACHINE WORKS (Continued) **1000878328**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Waste Rags & Debris
CORb Sequence Number:	132698
Sequence Number:	2647916
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	790
Quanity Unit:	LB
Kilograms Quanity:	358.344006
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	132698
Waste Sequence Number:	2647916
Sequence Number:	1304052
Shipment Date:	2011-09-23 00:00:00
Mainfest Document ID:	003028504
Reported Quanity:	790
Unit of Measure:	LB
Kilograms Quanity:	358.344006
Receiving EPAID:	TXD077603371

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	132698
Waste Sequence Number:	2647916
Sequence Number:	643845
Received EPAID:	TXD077603371
Managed Quanity:	790
Kilogram Quanity:	358.344006

PRECISION MACHINE WORKS (Continued) **1000878328**

Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream EPA Code:
CORB Waste Sequence Number: 132698
Waste Sequence Number: 2647916
Sequence Number: 5804793
WCDA Code: D001

Waste Sequence Number: 2647916
Sequence Number: 5804794
WCDA Code: D005

Waste Sequence Number: 2647916
Sequence Number: 5804795
WCDA Code: D035

Waste Sequence Number: 2647916
Sequence Number: 5804796
WCDA Code: F003

Waste Sequence Number: 2647916
Sequence Number: 5804797
WCDA Code: F005

Name: Q MEDIA SOLUTIONS INC
Address: 4101 D INDUSTRY DR E
City,State,Zip: FIFE, WA 98424
Facility Address 2: Not reported
Facility ID: 93592927
EPA ID: WA0000016139
NAICS: 32311
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: No
Mailing Address 2: Not reported
Treatment by Generator: No
Mixed Radioactive Waste: No
Importer of Hazardous Waste: No
Immediate Recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of Dangerous Fuel Waste: No
Generator Marketing to Burner: No
Other Marketers (i.e., blender, distributor, etc.): No
Utility Boiler Burner: No
Industry Boiler Burner: No
Industrial Furnace: No
Smelter Defferal: No
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: 601562053
Business Type: Not reported
Mail Name: Q MEDIA Solutions Inc

PRECISION MACHINE WORKS (Continued) **1000878328**

Mailing Address:	4101 D INDUSTRY DR E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Q MEDIA Solutions Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	13566 Maycrest Way
Legal Address 2:	Not reported
Legal City,State,Zip:	RICHMOND, BC V6V2J7
Legal Phone Number:	(604)303-6630
Legal Effective Date:	02/22/2001
Land Organization Name:	Colliers Real Estate Svcs
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4301 Industry Dr Ste E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)926-5326
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Doug Russell
Operator Address:	4101 INDUSTRY DR E STE D
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1825
Operator Phone Number:	(253)922-0990
Operator Effective Date:	02/27/1997
Site Contact:	Douglas Russell
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	2532087711
Site Contact Email:	drussell@qmsfife.com
Gen Status Code:	MQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	Q MEDIA SOLUTIONS INC
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	93592927
EPA ID:	WA0000016139
NAICS:	32311
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

PRECISION MACHINE WORKS (Continued) **1000878328**

Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601562053
Business Type:	Not reported
Mail Name:	Q MEDIA Solutions Inc
Mailing Address:	4101 D INDUSTRY DR E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Q MEDIA Solutions Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	13566 Maycrest Way
Legal Address 2:	Not reported
Legal City,State,Zip:	RICHMOND, BC V6V2J7
Legal Phone Number:	(604)303-6630
Legal Effective Date:	02/22/2001
Land Organization Name:	Colliers Real Estate Svcs
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4301 Industry Dr Ste E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)926-5326
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Doug Russell
Operator Address:	4101 INDUSTRY DR E STE D
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1825
Operator Phone Number:	(253)922-0990
Operator Effective Date:	02/27/1997
Site Contact:	Douglas Russell
Site Contact Address:	4101-D INDUSTRY DR E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	2532087711
Site Contact Email:	drussell@qmsfife.com
Gen Status Code:	LQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE

PRECISION MACHINE WORKS (Continued) **1000878328**

Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

V89
SE
1/4-1/2
0.420 mi.
2217 ft.

PRECISION DOOR & CABINET **WA ALLSITES** **S109555636**
4918 20TH ST E **N/A**
FIFE, WA 98424

Site 3 of 3 in cluster V

Relative:
Higher

Actual:
16 ft.

ALLSITES:

Name:	PRECISION DOOR & CABINET
Facility Id:	8264192
Name:	Q MEDIA SERVICES 20TH ST FIFE
Facility Id:	83986397

90
ENE
1/4-1/2
0.434 mi.
2289 ft.

UNITED PARCEL SERVICE PORT OF TACOMA **WA ALLSITES** **S121304850**
5101 E 12TH ST **WA NPDES** **N/A**
TACOMA, WA 98424

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	UNITED PARCEL SERVICE PORT OF TACOMA
Facility Id:	9289

NPDES:

Name:	UNITED PARCEL SERVICE - PORT OF TACOMA
Address:	5101 E 12TH ST
City,State,Zip:	TACOMA, WA 98424
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR305919
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

UNITED PARCEL SERVICE PORT OF TACOMA (Continued) **S121304850**

Name:	UPS TACOMA T.I.
Address:	5101 E 12TH ST
City,State,Zip:	TACOMA, WA 98424
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR307596
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	02/26/2019
Days to Expiration:	-171

Z91 **INK INC INDUSTRY DR** **WA ALLSITES** **1000119356**
SSW **3900F INDUSTRY DR E** **RCRA NonGen / NLR** **WAD981763451**
1/4-1/2 **TACOMA, WA 98424**
0.434 mi.
2293 ft. **Site 1 of 3 in cluster Z**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	INK INC INDUSTRY DR
Facility Id:	97796511

RCRA Listings:

Date Form Received by Agency:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Handler Address:	3900F INDUSTRY DR E
Handler City,State,Zip:	TACOMA, WA 98424-1849
EPA ID:	WAD981763451
Contact Name:	INK INC INK INC
Contact Address:	3900 INDUSTRY DR E STE F
Contact City,State,Zip:	TACOMA, WA 98424-1809
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3900 INDUSTRY DR E STE F
Mailing City,State,Zip:	TACOMA, WA 98424-1809
Owner Name:	INK INC I
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported

INK INC INDUSTRY DR (Continued) **1000119356**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:23:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

INK INC INDUSTRY DR (Continued) **1000119356**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1849
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC I
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1809
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INK INC INDUSTRY DR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC INDUSTRY DR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1809
Owner/Operator Telephone:	000-000-0000

INK INC INDUSTRY DR (Continued) **1000119356**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

INK INC INDUSTRY DR (Continued) **1000119356**

List of NAICS Codes and Descriptions:

NAICS Code:	323111
NAICS Description:	COMMERCIAL GRAVURE PRINTING
NAICS Code:	323119
NAICS Description:	OTHER COMMERCIAL PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

Z92 SSW 1/4-1/2 0.434 mi. 2294 ft. | **CLOSETMAID** | **WA ALLSITES FINDS** | **1011932335 N/A**

3900 INDUSTRY DR E STE G
FIFE, WA 98424

Site 2 of 3 in cluster Z

Relative: Higher
Actual: 18 ft.

ALLSITES:

Name:	CLOSETMAID
Facility Id:	3939978

FINDS:

Registry ID: 110037547456

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AA93 ESE 1/4-1/2 0.439 mi. 2316 ft. | **UNITED PARCEL SERVICE** | **WA ICR** | **U003354226 N/A**

5001 20TH ST. E.
FIFE, WA 98424

Site 1 of 2 in cluster AA

Relative: Higher
Actual: 16 ft.

ICR:

Date Ecology Received Report:	08/11/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-06
County Code:	27

UNITED PARCEL SERVICE (Continued) **U003354226**

Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/25/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-32
County Code:	27
Contact:	Not reported
Report Title:	Not reported

AA94 **UPS TACOMA** **RCRA-VSQG** **1001969495**
ESE **5001 20TH ST E** **WA CSCSL** **WAD180330961**
1/4-1/2 **TACOMA, WA 98424** **WA LUST**
0.439 mi. **WA UST**
2316 ft. **Site 2 of 2 in cluster AA** **WA ALLSITES**
FINDS
Relative: **ECHO**
Higher **WA MANIFEST**
Actual: **WA NPDES**
16 ft.

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Handler Address:	5001 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD180330961
Contact Name:	TREAIR SMITH
Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Contact Telephone:	206-621-6233
Contact Fax:	Not reported
Contact Email:	TREAIRSMITH@UPS.COM
Contact Title:	FACILITIES ENGINEER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Owner Name:	UNITED PARCEL SERVICE INC
Owner Type:	Private
Operator Name:	UNITED PARCEL SERVICE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

UPS TACOMA (Continued) **1001969495**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

UPS TACOMA (Continued) **1001969495**

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D021
Waste Description: CHLOROBENZENE

Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

UPS TACOMA (Continued) **1001969495**

SALTS

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: P119
Waste Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
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Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108-1731
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
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Owner/Operator Name:	UNITED PARCEL SERVICE INC
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Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
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Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
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Owner/Operator Name:	UPS TACOMA
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
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Owner/Operator Telephone Ext:	Not reported
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Date Ended Current:	Not reported
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Legal Status:	Private
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Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108-1731
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
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UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
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Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
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Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-15 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator

UPS TACOMA (Continued) **1001969495**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

UPS TACOMA (Continued) **1001969495**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

UPS TACOMA (Continued) **1001969495**

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-14 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

UPS TACOMA (Continued) **1001969495**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-26 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-19 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

UPS TACOMA (Continued) **1001969495**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-15 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-11 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-24 00:00:00.0
Handler Name:	UPS TACOMA

UPS TACOMA (Continued) **1001969495**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-12 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-17 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

UPS TACOMA (Continued) **1001969495**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

NAICS Code:	49221
NAICS Description:	LOCAL MESSENGERS AND LOCAL DELIVERY

NAICS Code:	492210
NAICS Description:	LOCAL MESSENGERS AND LOCAL DELIVERY

Facility Has Received Notices of Violation:

UPS TACOMA (Continued) **1001969495**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-09 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-07-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2007-04-12 00:00:00.0
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-09-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-06-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

UPS TACOMA (Continued) **1001969495**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-04-12 00:00:00.0
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-07-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-06-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

UPS TACOMA (Continued) **1001969495**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2018-04-26 00:00:00.0
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2018-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2014-05-22 00:00:00.0
Actual Return to Compliance Date:	2014-07-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-07-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-06-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

UPS TACOMA (Continued) **1001969495**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-04-26 00:00:00.0
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2018-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

UPS TACOMA (Continued) **1001969495**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-09 00:00:00.0
Actual Return to Compliance Date:	2002-07-10 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-07-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

UPS TACOMA (Continued) **1001969495**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Scheduled Compliance Date:	2007-09-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Scheduled Compliance Date:	2007-07-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-05-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-15 00:00:00.0
Scheduled Compliance Date:	2014-07-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

UPS TACOMA (Continued) **1001969495**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-07-10 00:00:00.0
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CSCSL:

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Region:	Southwest
Lat/Long:	47.23909 / -122.36192
Clean Up Siteid:	9888
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest
Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Region:	Southwest
Lat/Long:	47.23909 / -122.36192
Clean Up Siteid:	9888
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported

UPS TACOMA (Continued) **1001969495**

Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354

UPS TACOMA (Continued) **1001969495**

Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9888
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section: Southwest
Release Date: 04/23/1993
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2670
UST ID: 3688
Contaminant Name: Benzene
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23909 / -122.36192

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9888
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section: Southwest
Release Date: 04/23/1993

UPS TACOMA (Continued) **1001969495**

Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Other
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported

UPS TACOMA (Continued) **1001969495**

Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

UST:

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424
Facility ID:	61525354
Site Id:	3688
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23909
Decimal Longitude:	-122.36192

Tank Name:	1 GAS
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	11/01/1985
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual

UPS TACOMA (Continued) **1001969495**

Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	2 OIL
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	05/01/1985
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	3 WASTE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	05/01/1985
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons

UPS TACOMA (Continued) **1001969495**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	NO ID
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	UPS TACOMA
Facility Id:	61525354

UPS TACOMA (Continued) **1001969495**

FINDS:
Registry ID: 110005333335

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969495
Registry ID:	110005333335
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005333335
Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D002,P075,U239
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

UPS TACOMA (Continued) **1001969495**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

UPS TACOMA (Continued) **1001969495**

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False
Site Contact Address 2: Not reported

Waste Stream Generated:
Waste Managed Off Site: Y
State Only Waste Code 1: Not reported
State Only Waste Code 2: Not reported
Report Managed On Site: 0
KG Managed On Site: 0
Generator Treatment Code: Not reported
Permit By Rule Code: Not reported
WCDE Residence Code: Not reported
WCDH Origin Code: 1
WCDE On Site Code: Not reported
WCDB Code: W801
Description: AEROSOL CANS
CORb Sequence Number: 165100
Sequence Number: 3494182
Mixed Radioactive Flag: False
Designation Code: D
Reported Quanity: 30
Quanity Unit: LB
Kilograms Quanity: 13.6080002
Density Number: 0
Density Quanity: Not reported

Waste Managed Off Site: Y
State Only Waste Code 1: Not reported
State Only Waste Code 2: Not reported
Report Managed On Site: 0
KG Managed On Site: 0
Generator Treatment Code: Not reported
Permit By Rule Code: Not reported
WCDE Residence Code: Not reported
WCDH Origin Code: 1
WCDE On Site Code: Not reported
WCDB Code: W801
Description: AEROSOL CANS
CORb Sequence Number: 165100
Sequence Number: 3494183
Mixed Radioactive Flag: False
Designation Code: D
Reported Quanity: 132
Quanity Unit: LB
Kilograms Quanity: 59.8752010
Density Number: 0
Density Quanity: Not reported

Waste Managed Off Site: Y
State Only Waste Code 1: Not reported
State Only Waste Code 2: Not reported
Report Managed On Site: 0
KG Managed On Site: 0
Generator Treatment Code: Not reported
Permit By Rule Code: Not reported
WCDE Residence Code: Not reported
WCDH Origin Code: 2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494184
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	LB
Kilograms Quanity:	9.52560016
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494185
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	70
Quanity Unit:	LB
Kilograms Quanity:	31.7520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494188
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3494189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	86
Quanity Unit:	LB
Kilograms Quanity:	39.0096006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494190
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494192
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.8136007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165100
Waste Sequence Number:	3494182
Sequence Number:	2099194
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494183
Sequence Number:	2099195
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494184
Sequence Number:	2099196
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	21
Unit of Measure:	LB
Kilograms Quanity:	9.52560016
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494185
Sequence Number:	2099197
Shipment Date:	2017-01-23 00:00:00
Mainfest Document ID:	001050833VES
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494186

UPS TACOMA (Continued) **1001969495**

Sequence Number:	2099198
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	001227010VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494187
Sequence Number:	2099199
Shipment Date:	2017-10-17 00:00:00
Mainfest Document ID:	001227169VES
Reported Quanity:	70
Unit of Measure:	LB
Kilograms Quanity:	31.7520005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494188
Sequence Number:	2099200
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494189
Sequence Number:	2099201
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	86
Unit of Measure:	LB
Kilograms Quanity:	39.0096006
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494190
Sequence Number:	2099202
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	76
Unit of Measure:	LB
Kilograms Quanity:	34.4736005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494191
Sequence Number:	2099203
Shipment Date:	2017-05-04 00:00:00
Mainfest Document ID:	001050956VES
Reported Quanity:	36
Unit of Measure:	LB
Kilograms Quanity:	16.3296002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494192
Sequence Number:	2099204
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES

UPS TACOMA (Continued) **1001969495**

Reported Quanity: 101
Unit of Measure: LB
Kilograms Quanity: 45.8136007
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 165100
Waste Sequence Number: 3494185
Sequence Number: 956612
Received EPAID: COD980591184
Managed Quanity: 4
Kilogram Quanity: 1.81440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494186
Sequence Number: 956613
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3494187
Sequence Number: 956614
Received EPAID: COD980591184
Managed Quanity: 70
Kilogram Quanity: 31.7520005
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494188
Sequence Number: 956615
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3494193
Sequence Number: 956859
Received EPAID: COD980591184
Managed Quanity: 2695
Kilogram Quanity: 1222.45202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494194
Sequence Number: 956866
Received EPAID: COD980591184
Managed Quanity: 558
Kilogram Quanity: 253.108804
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494195
Sequence Number: 956872

UPS TACOMA (Continued) **1001969495**

Received EPAID: COD980591184
Managed Quanity: 4322
Kilogram Quanity: 1960.45923
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494196
Sequence Number: 956873
Received EPAID: COD980591184
Managed Quanity: 282
Kilogram Quanity: 127.915202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494182
Sequence Number: 956609
Received EPAID: COD980591184
Managed Quanity: 30
Kilogram Quanity: 13.6080002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494183
Sequence Number: 956610
Received EPAID: COD980591184
Managed Quanity: 132
Kilogram Quanity: 59.8752010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494184
Sequence Number: 956611
Received EPAID: COD980591184
Managed Quanity: 21
Kilogram Quanity: 9.52560016
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165100
Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494182
Sequence Number: 1

Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 8216452
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216469

UPS TACOMA (Continued) **1001969495**

WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216468
WCDA Code: D003

Waste Sequence Number: 3494183
Sequence Number: 8216470
WCDA Code: D018

Waste Sequence Number: 3494183
Sequence Number: 8216471
WCDA Code: D019

Waste Sequence Number: 3494183
Sequence Number: 8216472
WCDA Code: D021

Waste Sequence Number: 3494184
Sequence Number: 8216476
WCDA Code: P075

Waste Sequence Number: 3494185
Sequence Number: 8216480
WCDA Code: P075

Waste Sequence Number: 3494186
Sequence Number: 8216484
WCDA Code: D001

Waste Sequence Number: 3494187
Sequence Number: 8216488
WCDA Code: D001

Waste Sequence Number: 3494188
Sequence Number: 8216495
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494183
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494184
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494185
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494186

UPS TACOMA (Continued) **1001969495**

Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494187
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494200
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494194
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494195
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494196
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494197
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D003,D018,D019,D021,D035,D039,P075,P105
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680

UPS TACOMA (Continued) **1001969495**

Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494182
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30
Quanity Unit:	LB
Kilograms Quanity:	13.6080002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494183
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	132
Quanity Unit:	LB
Kilograms Quanity:	59.8752010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494184
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	LB
Kilograms Quanity:	9.52560016
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494185
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3494187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	70
Quanity Unit:	LB
Kilograms Quanity:	31.7520005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494188
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	86
Quanity Unit:	LB
Kilograms Quanity:	39.0096006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494190
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494192
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101

UPS TACOMA (Continued) **1001969495**

Quanity Unit: LB
Kilograms Quanity: 45.8136007
Density Number: 0
Density Quanity: Not reported

Shipments Send:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 2099194
Shipment Date: 2017-03-09 00:00:00
Mainfest Document ID: 001050888VES
Reported Quanity: 30
Unit of Measure: LB
Kilograms Quanity: 13.6080002
Receiving EPAID: COD980591184

Waste Sequence Number: 3494183
Sequence Number: 2099195
Shipment Date: 2017-03-09 00:00:00
Mainfest Document ID: 001050888VES
Reported Quanity: 132
Unit of Measure: LB
Kilograms Quanity: 59.8752010
Receiving EPAID: COD980591184

Waste Sequence Number: 3494184
Sequence Number: 2099196
Shipment Date: 2017-12-11 00:00:00
Mainfest Document ID: 001227252VES
Reported Quanity: 21
Unit of Measure: LB
Kilograms Quanity: 9.52560016
Receiving EPAID: COD980591184

Waste Sequence Number: 3494185
Sequence Number: 2099197
Shipment Date: 2017-01-23 00:00:00
Mainfest Document ID: 001050833VES
Reported Quanity: 4
Unit of Measure: LB
Kilograms Quanity: 1.81440003
Receiving EPAID: COD980591184

Waste Sequence Number: 3494186
Sequence Number: 2099198
Shipment Date: 2017-06-26 00:00:00
Mainfest Document ID: 001227010VES
Reported Quanity: 105
Unit of Measure: LB
Kilograms Quanity: 47.6280008
Receiving EPAID: COD980591184

Waste Sequence Number: 3494187
Sequence Number: 2099199
Shipment Date: 2017-10-17 00:00:00
Mainfest Document ID: 001227169VES
Reported Quanity: 70

UPS TACOMA (Continued) **1001969495**

Unit of Measure:	LB
Kilograms Quanity:	31.7520005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494188
Sequence Number:	2099200
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494189
Sequence Number:	2099201
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	86
Unit of Measure:	LB
Kilograms Quanity:	39.0096006
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494190
Sequence Number:	2099202
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	76
Unit of Measure:	LB
Kilograms Quanity:	34.4736005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494191
Sequence Number:	2099203
Shipment Date:	2017-05-04 00:00:00
Mainfest Document ID:	001050956VES
Reported Quanity:	36
Unit of Measure:	LB
Kilograms Quanity:	16.3296002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494192
Sequence Number:	2099204
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	101
Unit of Measure:	LB
Kilograms Quanity:	45.8136007
Receiving EPAID:	COD980591184

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165100
Waste Sequence Number:	3494185
Sequence Number:	956612
Received EPAID:	COD980591184
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0

UPS TACOMA (Continued) **1001969495**

Waste Management System Code: H141

Waste Sequence Number: 3494186
Sequence Number: 956613
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3494187
Sequence Number: 956614
Received EPAID: COD980591184
Managed Quanity: 70
Kilogram Quanity: 31.7520005
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494188
Sequence Number: 956615
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3494193
Sequence Number: 956859
Received EPAID: COD980591184
Managed Quanity: 2695
Kilogram Quanity: 1222.45202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494194
Sequence Number: 956866
Received EPAID: COD980591184
Managed Quanity: 558
Kilogram Quanity: 253.108804
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494195
Sequence Number: 956872
Received EPAID: COD980591184
Managed Quanity: 4322
Kilogram Quanity: 1960.45923
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494196
Sequence Number: 956873
Received EPAID: COD980591184
Managed Quanity: 282
Kilogram Quanity: 127.915202
Recycled Percentage: 0
Waste Management System Code: H141

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3494182
Sequence Number: 956609
Received EPAID: COD980591184
Managed Quanity: 30
Kilogram Quanity: 13.6080002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494183
Sequence Number: 956610
Received EPAID: COD980591184
Managed Quanity: 132
Kilogram Quanity: 59.8752010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494184
Sequence Number: 956611
Received EPAID: COD980591184
Managed Quanity: 21
Kilogram Quanity: 9.52560016
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165100
Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494182
Sequence Number: 1

Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 8216452
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216469
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216468
WCDA Code: D003

Waste Sequence Number: 3494183
Sequence Number: 8216470
WCDA Code: D018

Waste Sequence Number: 3494183
Sequence Number: 8216471
WCDA Code: D019

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3494183
Sequence Number: 8216472
WCDA Code: D021

Waste Sequence Number: 3494184
Sequence Number: 8216476
WCDA Code: P075

Waste Sequence Number: 3494185
Sequence Number: 8216480
WCDA Code: P075

Waste Sequence Number: 3494186
Sequence Number: 8216484
WCDA Code: D001

Waste Sequence Number: 3494187
Sequence Number: 8216488
WCDA Code: D001

Waste Sequence Number: 3494188
Sequence Number: 8216495
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494183
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494184
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494185
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494186
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494187
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494200
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494194
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494195
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494196
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494197
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D002,D003,D018,D035,U154
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported

UPS TACOMA (Continued) **1001969495**

Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	WASTE ORGANIC PEROXIDE LIQUID (METYL ETHYL KETONE PEROXIDE)
CORb Sequence Number:	158487
Sequence Number:	3413667
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6
Quanity Unit:	LB
Kilograms Quanity:	2.72160004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413661
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3
Quanity Unit:	LB
Kilograms Quanity:	1.36080002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413662
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2149
Quanity Unit:	LB
Kilograms Quanity:	974.786416
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413660

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	84
Quanity Unit:	LB
Kilograms Quanity:	38.1024006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413663
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3645
Quanity Unit:	LB
Kilograms Quanity:	1653.37202
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413665
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	107
Quanity Unit:	LB
Kilograms Quanity:	48.5352008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3412484
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3412487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413664
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2148
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	974.332816
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	PERIODIC ACID AND DEBRIS
CORb Sequence Number:	158487
Sequence Number:	3413666
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	35
Quanity Unit:	LB
Kilograms Quanity:	15.8760002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	158487
Waste Sequence Number:	3413663
Sequence Number:	1997036
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES
Reported Quanity:	651
Unit of Measure:	LB
Kilograms Quanity:	295.293605
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413662
Sequence Number:	1997031
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES
Reported Quanity:	741
Unit of Measure:	LB
Kilograms Quanity:	336.117605
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413664
Sequence Number:	1997053
Shipment Date:	2016-11-22 00:00:00
Mainfest Document ID:	001050694VES
Reported Quanity:	349
Unit of Measure:	LB
Kilograms Quanity:	158.306402
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413663
Sequence Number:	1997035

UPS TACOMA (Continued) **1001969495**

Shipment Date:	2016-07-13 00:00:00
Mainfest Document ID:	001050447VES
Reported Quanity:	1061
Unit of Measure:	LB
Kilograms Quanity:	481.269608
Receiving EPAID:	COD980591184

Waste Sequence Number:	3413663
Sequence Number:	1997034
Shipment Date:	2016-04-19 00:00:00
Mainfest Document ID:	001050222VES
Reported Quanity:	1156
Unit of Measure:	LB
Kilograms Quanity:	524.361609
Receiving EPAID:	COD980591184

Waste Sequence Number:	3413661
Sequence Number:	1997018
Shipment Date:	2016-04-19 00:00:00
Mainfest Document ID:	001050222VES
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	COD980591184

Waste Sequence Number:	3413667
Sequence Number:	1997072
Shipment Date:	2016-09-23 00:00:00
Mainfest Document ID:	015121359JJK
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	ORD089452353

Waste Sequence Number:	3413662
Sequence Number:	1997032
Shipment Date:	2016-10-14 00:00:00
Mainfest Document ID:	001050637VES
Reported Quanity:	183
Unit of Measure:	LB
Kilograms Quanity:	83.0088014
Receiving EPAID:	COD980591184

Waste Sequence Number:	3413664
Sequence Number:	1997052
Shipment Date:	2016-10-14 00:00:00
Mainfest Document ID:	001050637VES
Reported Quanity:	153
Unit of Measure:	LB
Kilograms Quanity:	69.4008011
Receiving EPAID:	COD980591184

Waste Sequence Number:	3413662
Sequence Number:	1997030
Shipment Date:	2016-07-13 00:00:00
Mainfest Document ID:	001050447VES
Reported Quanity:	279

UPS TACOMA (Continued) **1001969495**

Unit of Measure: LB
Kilograms Quanity: 126.554402
Receiving EPAID: COD980591184

Waste Sequence Number: 3413664
Sequence Number: 1997051
Shipment Date: 2016-09-13 00:00:00
Mainfest Document ID: 001050582VES
Reported Quanity: 305
Unit of Measure: LB
Kilograms Quanity: 138.348002
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 158487
Waste Sequence Number: 3413667
Sequence Number: 908174
Received EPAID: ORD089452353
Managed Quanity: 6
Kilogram Quanity: 2.72160004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3413665
Sequence Number: 908164
Received EPAID: COD980591184
Managed Quanity: 107
Kilogram Quanity: 48.5352008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3412484
Sequence Number: 907204
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413661
Sequence Number: 908153
Received EPAID: COD980591184
Managed Quanity: 3
Kilogram Quanity: 1.36080002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413662
Sequence Number: 908158
Received EPAID: COD980591184
Managed Quanity: 2149
Kilogram Quanity: 974.786416
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413660
Sequence Number: 908152

UPS TACOMA (Continued) **1001969495**

Received EPAID: COD980591184
Managed Quanity: 84
Kilogram Quanity: 38.1024006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413663
Sequence Number: 908159
Received EPAID: COD980591184
Managed Quanity: 3645
Kilogram Quanity: 1653.37202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3412487
Sequence Number: 907209
Received EPAID: COD980591184
Managed Quanity: 80
Kilogram Quanity: 36.2880006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413664
Sequence Number: 908162
Received EPAID: COD980591184
Managed Quanity: 2148
Kilogram Quanity: 974.332816
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413666
Sequence Number: 908169
Received EPAID: WAD991281767
Managed Quanity: 35
Kilogram Quanity: 15.8760002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 158487
Comments: A-8. METHYL ETHYL KETONE PEROXIDE
Waste Sequence Number: 3413667
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 158487
Waste Sequence Number: 3412487
Sequence Number: 7893874
WCDA Code: D003

Waste Sequence Number: 3413661
Sequence Number: 7893904
WCDA Code: U154

Waste Sequence Number: 3412484
Sequence Number: 7893871

UPS TACOMA (Continued) **1001969495**

WCDA Code: D001

Waste Sequence Number: 3412484
Sequence Number: 7893872
WCDA Code: D002

Waste Sequence Number: 3413660
Sequence Number: 7893896
WCDA Code: D018

Waste Sequence Number: 3413660
Sequence Number: 7893897
WCDA Code: D035

Waste Sequence Number: 3413666
Sequence Number: 7893955
WCDA Code: D002

Waste Sequence Number: 3413667
Sequence Number: 7893965
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 158487
Waste Sequence Number: 3412484
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3412487
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413660
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413661
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413662
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413663
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413664
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413665
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413666

UPS TACOMA (Continued) **1001969495**

Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413667
Sequence Number:	1
WCDD Code:	G32
Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D003,D018,D035,U002,D039
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private

UPS TACOMA (Continued) **1001969495**

Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363218
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48
Quanity Unit:	LB
Kilograms Quanity:	21.7728003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Waste (DMN)
CORb Sequence Number:	153568
Sequence Number:	3363229
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	LB
Kilograms Quanity:	2.26800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363217
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	81
Quanity Unit:	LB
Kilograms Quanity:	36.7416006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363219
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	558
Quanity Unit:	LB
Kilograms Quanity:	253.108804

UPS TACOMA (Continued) **1001969495**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363221
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	96
Quanity Unit:	LB
Kilograms Quanity:	43.5456007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363226
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1393
Quanity Unit:	LB
Kilograms Quanity:	631.864810
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDB Code:	W001
Description:	Damaged Material Waste (DMN)
CORb Sequence Number:	153568
Sequence Number:	3363228
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363222
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1012
Quanity Unit:	LB
Kilograms Quanity:	459.043207
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363225
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	850
Quanity Unit:	LB
Kilograms Quanity:	385.560006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363214
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363216
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48
Quanity Unit:	LB
Kilograms Quanity:	21.7728003
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	153568
Waste Sequence Number:	3363218
Sequence Number:	876738
Received EPAID:	COD980591184
Managed Quanity:	48
Kilogram Quanity:	21.7728003
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3363229
Sequence Number:	876767
Received EPAID:	WAD991281767
Managed Quanity:	5

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity: 2.26800003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3363217
Sequence Number: 876737
Received EPAID: COD980591184
Managed Quanity: 81
Kilogram Quanity: 36.7416006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363219
Sequence Number: 876739
Received EPAID: COD980591184
Managed Quanity: 558
Kilogram Quanity: 253.108804
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363221
Sequence Number: 876741
Received EPAID: COD980591184
Managed Quanity: 96
Kilogram Quanity: 43.5456007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363226
Sequence Number: 876746
Received EPAID: COD980591184
Managed Quanity: 1393
Kilogram Quanity: 631.864810
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3363228
Sequence Number: 876766
Received EPAID: WAD991281767
Managed Quanity: 50
Kilogram Quanity: 22.6800003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3363223
Sequence Number: 876743
Received EPAID: COD980591184
Managed Quanity: 911
Kilogram Quanity: 413.229607
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363224
Sequence Number: 876744
Received EPAID: COD980591184
Managed Quanity: 279
Kilogram Quanity: 126.554402

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363214
Sequence Number: 876734
Received EPAID: COD980591184
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363216
Sequence Number: 876736
Received EPAID: COD980591184
Managed Quanity: 48
Kilogram Quanity: 21.7728003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 153568
Waste Sequence Number: 3363213
Sequence Number: 7672136
WCDA Code: D001

Waste Sequence Number: 3363215
Sequence Number: 7672138
WCDA Code: D003

Waste Sequence Number: 3363230
Sequence Number: 7672261
WCDA Code: D001

Waste Sequence Number: 3363230
Sequence Number: 7672260
WCDA Code: D002

Waste Sequence Number: 3363218
Sequence Number: 7672143
WCDA Code: D018

Waste Sequence Number: 3363218
Sequence Number: 7672144
WCDA Code: D039

Waste Sequence Number: 3363218
Sequence Number: 7672142
WCDA Code: U002

Waste Sequence Number: 3363214
Sequence Number: 7672137
WCDA Code: D001

Waste Sequence Number: 3363216
Sequence Number: 7672139
WCDA Code: D018

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3363217
Sequence Number: 7672140
WCDA Code: D018

Waste Sequence Number: 3363217
Sequence Number: 7672141
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 153568
Waste Sequence Number: 3363213
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363214
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363215
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363216
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363217
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363218
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363219
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363220
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363221
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363222
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363223
Sequence Number: 1
WCDD Code: G32

Name: UPS TACOMA
Address: 5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D011,D018,D039,U002,U154,P075,D002
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233

UPS TACOMA (Continued) **1001969495**

Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301702
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301709
Mixed Radioactive Flag:	False
Designation Code:	D

UPS TACOMA (Continued) **1001969495**

Reported Quanity:	665
Quanity Unit:	LB
Kilograms Quanity:	301.644005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301716
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	99
Quanity Unit:	LB
Kilograms Quanity:	44.9064007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301700
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	114
Quanity Unit:	LB
Kilograms Quanity:	51.7104008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301707
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	LB
Kilograms Quanity:	74.8440012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WASTE HYDROGEN PEROXIDE
CORb Sequence Number:	147514
Sequence Number:	3313289
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301703
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	535
Quanity Unit:	LB
Kilograms Quanity:	242.676004
Density Number:	0

UPS TACOMA (Continued) **1001969495**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301704
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301699
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	109
Quanity Unit:	LB
Kilograms Quanity:	49.4424008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301701
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301708
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	618
Quanity Unit:	LB
Kilograms Quanity:	280.324804
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147514
Waste Sequence Number:	3301715
Sequence Number:	1785041
Shipment Date:	2014-02-17 00:00:00
Mainfest Document ID:	000784825VES
Reported Quanity:	89
Unit of Measure:	LB
Kilograms Quanity:	40.3704006
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785046
Shipment Date:	2014-10-21 00:00:00
Mainfest Document ID:	000882800VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785044
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	000882970VES

UPS TACOMA (Continued) **1001969495**

Reported Quanity: 165
Unit of Measure: LB
Kilograms Quanity: 74.8440012
Receiving EPAID: COD980591184

Waste Sequence Number: 3301715
Sequence Number: 1785045
Shipment Date: 2014-09-02 00:00:00
Mainfest Document ID: 000882865VES
Reported Quanity: 329
Unit of Measure: LB
Kilograms Quanity: 149.234402
Receiving EPAID: COD980591184

Waste Sequence Number: 3301715
Sequence Number: 1785043
Shipment Date: 2014-05-20 00:00:00
Mainfest Document ID: 000784677VES
Reported Quanity: 187
Unit of Measure: LB
Kilograms Quanity: 84.8232014
Receiving EPAID: COD980591184

Waste Sequence Number: 3301715
Sequence Number: 1785040
Shipment Date: 2014-01-07 00:00:00
Mainfest Document ID: 000784960VES
Reported Quanity: 484
Unit of Measure: LB
Kilograms Quanity: 219.542403
Receiving EPAID: COD980591184

Waste Sequence Number: 3301715
Sequence Number: 1785042
Shipment Date: 2014-04-14 00:00:00
Mainfest Document ID: 000784749VES
Reported Quanity: 494
Unit of Measure: LB
Kilograms Quanity: 224.078403
Receiving EPAID: COD980591184

Waste Sequence Number: 3313290
Sequence Number: 1806194
Shipment Date: 2014-09-16 00:00:00
Mainfest Document ID: 012247015JJK
Reported Quanity: 29
Unit of Measure: LB
Kilograms Quanity: 13.1544002
Receiving EPAID: WAD991281767

Waste Sequence Number: 3301698
Sequence Number: 1785008
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 95
Unit of Measure: LB
Kilograms Quanity: 43.0920007

UPS TACOMA (Continued) **1001969495**

Receiving EPAID: COD980591184

Waste Sequence Number: 3301711
Sequence Number: 1785036
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 98
Unit of Measure: LB
Kilograms Quanity: 44.4528007
Receiving EPAID: COD980591184

Waste Sequence Number: 3301713
Sequence Number: 1785038
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 167
Unit of Measure: LB
Kilograms Quanity: 75.7512013
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 147514
Waste Sequence Number: 3301715
Sequence Number: 832754
Received EPAID: COD980591184
Managed Quanity: 1880
Kilogram Quanity: 852.768014
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3313290
Sequence Number: 842052
Received EPAID: WAD991281767
Managed Quanity: 29
Kilogram Quanity: 13.1544002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301698
Sequence Number: 832737
Received EPAID: COD980591184
Managed Quanity: 95
Kilogram Quanity: 43.0920007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301711
Sequence Number: 832750
Received EPAID: COD980591184
Managed Quanity: 98
Kilogram Quanity: 44.4528007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301713
Sequence Number: 832752
Received EPAID: COD980591184

UPS TACOMA (Continued) **1001969495**

Managed Quanity: 167
Kilogram Quanity: 75.7512013
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3301700
Sequence Number: 832739
Received EPAID: COD980591184
Managed Quanity: 114
Kilogram Quanity: 51.7104008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301707
Sequence Number: 832746
Received EPAID: COD980591184
Managed Quanity: 165
Kilogram Quanity: 74.8440012
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3313289
Sequence Number: 842051
Received EPAID: WAD991281767
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301705
Sequence Number: 832744
Received EPAID: COD980591184
Managed Quanity: 48
Kilogram Quanity: 21.7728003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301706
Sequence Number: 832745
Received EPAID: COD980591184
Managed Quanity: 151
Kilogram Quanity: 68.4936011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301699
Sequence Number: 832738
Received EPAID: COD980591184
Managed Quanity: 109
Kilogram Quanity: 49.4424008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 147514
Comments: A-7. Intermittent disposal of waste aerosol spray cans.
Waste Sequence Number: 3301697

UPS TACOMA (Continued) **1001969495**

Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 147514
Waste Sequence Number: 3313289
Sequence Number: 7511931
WCDA Code: D001

Waste Sequence Number: 3313289
Sequence Number: 7511932
WCDA Code: D002

Waste Sequence Number: 3313290
Sequence Number: 7511943
WCDA Code: D002

Waste Sequence Number: 3301699
Sequence Number: 7404422
WCDA Code: D001

Waste Sequence Number: 3301701
Sequence Number: 7404424
WCDA Code: D011

Waste Sequence Number: 3301702
Sequence Number: 7404425
WCDA Code: D018

Waste Sequence Number: 3301700
Sequence Number: 7404423
WCDA Code: D001

Waste Sequence Number: 3301697
Sequence Number: 7511930
WCDA Code: D001

Waste Sequence Number: 3301703
Sequence Number: 7404426
WCDA Code: D039

Waste Sequence Number: 3301704
Sequence Number: 7404428
WCDA Code: D018

Waste Sequence Number: 3301704
Sequence Number: 7404427
WCDA Code: U002

Waste Stream Source Code:
CORB Waste Sequence Number: 147514
Waste Sequence Number: 3301697
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3301698
Sequence Number: 1

UPS TACOMA (Continued) **1001969495**

WCDD Code:	G32
Waste Sequence Number:	3301699
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301700
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301701
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301702
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301703
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301704
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301705
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301706
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301707
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WT02, WSC2
Federal Waste Code Desc:	D001, D018, D035, U002
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

UPS TACOMA (Continued) **1001969495**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

UPS TACOMA (Continued) **1001969495**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Waste Stream Generated:	
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221365
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	438
Quanity Unit:	LB
Kilograms Quanity:	198.676803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221370
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	595
Quanity Unit:	LB
Kilograms Quanity:	269.892004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221372
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221390
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	146
Quanity Unit:	LB
Kilograms Quanity:	66.2256011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221395
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	82
Quanity Unit:	LB
Kilograms Quanity:	37.1952006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221366
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	332
Quanity Unit:	LB
Kilograms Quanity:	150.595202
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221368
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3181
Quanity Unit:	LB
Kilograms Quanity:	1442.90162
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221369

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	65
Quanity Unit:	LB
Kilograms Quanity:	29.4840005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221391
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	146
Quanity Unit:	LB
Kilograms Quanity:	66.2256011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221392
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	53
Quanity Unit:	LB
Kilograms Quanity:	24.0408004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221393
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	141728
Waste Sequence Number:	3221391
Sequence Number:	776654
Received EPAID:	COD980591184
Managed Quanity:	146
Kilogram Quanity:	66.2256011
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221392
Sequence Number:	776640
Received EPAID:	COD980591184
Managed Quanity:	53
Kilogram Quanity:	24.0408004
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221366
Sequence Number:	776656
Received EPAID:	COD980591184
Managed Quanity:	332
Kilogram Quanity:	150.595202
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221368
Sequence Number:	776658
Received EPAID:	COD980591184
Managed Quanity:	3181
Kilogram Quanity:	1442.90162
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3221369
Sequence Number:	776592
Received EPAID:	COD980591184
Managed Quanity:	65
Kilogram Quanity:	29.4840005
Recycled Percentage:	0

UPS TACOMA (Continued) **1001969495**

Waste Management System Code: H141

Waste Sequence Number: 3221365
Sequence Number: 776642
Received EPAID: COD980591184
Managed Quanity: 438
Kilogram Quanity: 198.676803
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221370
Sequence Number: 776655
Received EPAID: COD980591184
Managed Quanity: 595
Kilogram Quanity: 269.892004
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221372
Sequence Number: 776615
Received EPAID: COD980591184
Managed Quanity: 76
Kilogram Quanity: 34.4736005
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221390
Sequence Number: 776637
Received EPAID: COD980591184
Managed Quanity: 146
Kilogram Quanity: 66.2256011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221395
Sequence Number: 776646
Received EPAID: COD980591184
Managed Quanity: 82
Kilogram Quanity: 37.1952006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221393
Sequence Number: 776641
Received EPAID: COD980591184
Managed Quanity: 11
Kilogram Quanity: 4.98960008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 141728
Comments: A-7. Intermittent disposal of waste aerosol spray cans.
Waste Sequence Number: 3221371
Sequence Number: 1

UPS TACOMA (Continued) **1001969495**

Waste Stream EPA Code:

CORB Waste Sequence Number:	141728
Waste Sequence Number:	3221369
Sequence Number:	7198326
WCDA Code:	D018
Waste Sequence Number:	3221369
Sequence Number:	7198327
WCDA Code:	D035
Waste Sequence Number:	3221369
Sequence Number:	7198325
WCDA Code:	U002
Waste Sequence Number:	3221372
Sequence Number:	7198338
WCDA Code:	D018
Waste Sequence Number:	3221395
Sequence Number:	7198364
WCDA Code:	D018
Waste Sequence Number:	3221395
Sequence Number:	7198365
WCDA Code:	D035
Waste Sequence Number:	3221392
Sequence Number:	7198351
WCDA Code:	D001
Waste Sequence Number:	3221393
Sequence Number:	7198355
WCDA Code:	D001
Waste Sequence Number:	3221394
Sequence Number:	7198359
WCDA Code:	D001
Waste Sequence Number:	3221371
Sequence Number:	7198366
WCDA Code:	D001

Waste Stream Source Code:

CORB Waste Sequence Number:	141728
Waste Sequence Number:	3221371
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3221364
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221365
Sequence Number:	1
WCDD Code:	G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3221366
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221368
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221369
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221370
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221372
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221387
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221390
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221391
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WP01, WP02, WP03, WT02, WSC2
Federal Waste Code Desc:	P119, D001, D005 D007 D011, D003, D005, D018, D023, D035, U080, D002, D008
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

UPS TACOMA (Continued) **1001969495**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP03

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665184
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	217
Quanity Unit:	LB
Kilograms Quanity:	98.4312016
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP03
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665185
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	321
Quanity Unit:	LB
Kilograms Quanity:	145.605602
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665186
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code:	D
Reported Quanity:	157
Quanity Unit:	LB
Kilograms Quanity:	71.2152012
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	103
Quanity Unit:	LB
Kilograms Quanity:	46.7208008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665200
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665171
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	47
Quanity Unit:	LB
Kilograms Quanity:	21.3192003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665173
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665180
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	89
Quanity Unit:	LB
Kilograms Quanity:	40.3704006

UPS TACOMA (Continued) **1001969495**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	WP03
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665182
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	118
Quanity Unit:	LB
Kilograms Quanity:	53.5248009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2599
Quanity Unit:	LB
Kilograms Quanity:	1178.90642
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1948
Quanity Unit:	LB
Kilograms Quanity:	883.612815
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	136931
Waste Sequence Number:	2665171
Sequence Number:	1361123
Shipment Date:	2012-03-30 00:00:00
Mainfest Document ID:	000449063VES
Reported Quanity:	15
Unit of Measure:	LB
Kilograms Quanity:	6.80400011
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665171
Sequence Number:	1361124
Shipment Date:	2012-10-19 00:00:00
Mainfest Document ID:	000449672VES
Reported Quanity:	32
Unit of Measure:	LB
Kilograms Quanity:	14.5152002
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665173
Sequence Number:	1361129
Shipment Date:	2012-06-29 00:00:00
Mainfest Document ID:	000449848VES
Reported Quanity:	60
Unit of Measure:	LB
Kilograms Quanity:	27.2160004
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665180
Sequence Number:	1361136
Shipment Date:	2012-06-29 00:00:00
Mainfest Document ID:	000449848VES
Reported Quanity:	89
Unit of Measure:	LB
Kilograms Quanity:	40.3704006
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665182
Sequence Number:	1361138
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	000448724VES
Reported Quanity:	118
Unit of Measure:	LB
Kilograms Quanity:	53.5248009

UPS TACOMA (Continued) **1001969495**

Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361155
Shipment Date:	2012-03-30 00:00:00
Mainfest Document ID:	000449063VES
Reported Quanity:	117
Unit of Measure:	LB
Kilograms Quanity:	53.0712009
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361159
Shipment Date:	2012-12-13 00:00:00
Mainfest Document ID:	000449569VES
Reported Quanity:	305
Unit of Measure:	LB
Kilograms Quanity:	138.348002
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361157
Shipment Date:	2012-08-13 00:00:00
Mainfest Document ID:	000449790VES
Reported Quanity:	526
Unit of Measure:	LB
Kilograms Quanity:	238.593604
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361154
Shipment Date:	2012-01-04 00:00:00
Mainfest Document ID:	000448589VES
Reported Quanity:	389
Unit of Measure:	LB
Kilograms Quanity:	176.450403
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361158
Shipment Date:	2012-10-19 00:00:00
Mainfest Document ID:	000449672VES
Reported Quanity:	872
Unit of Measure:	LB
Kilograms Quanity:	395.539206
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361156
Shipment Date:	2012-05-14 00:00:00
Mainfest Document ID:	000449950VES
Reported Quanity:	390
Unit of Measure:	LB
Kilograms Quanity:	176.904003
Receiving EPAID:	COD980591184

UPS TACOMA (Continued) **1001969495**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136931
Waste Sequence Number:	2665172
Sequence Number:	664119
Received EPAID:	COD980591184
Managed Quanity:	278
Kilogram Quanity:	126.100802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2665174
Sequence Number:	664121
Received EPAID:	COD980591184
Managed Quanity:	83
Kilogram Quanity:	37.6488006
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2665179
Sequence Number:	664126
Received EPAID:	COD980591184
Managed Quanity:	160
Kilogram Quanity:	72.5760012
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2665181
Sequence Number:	664128
Received EPAID:	COD980591184
Managed Quanity:	76
Kilogram Quanity:	34.4736005
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2665183
Sequence Number:	664130
Received EPAID:	COD980591184
Managed Quanity:	141
Kilogram Quanity:	63.9576011
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2665188
Sequence Number:	664136
Received EPAID:	COD980591184
Managed Quanity:	255
Kilogram Quanity:	115.668001
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2665188
Sequence Number:	664135
Received EPAID:	COD980591184
Managed Quanity:	426
Kilogram Quanity:	193.233603
Recycled Percentage:	0
Waste Management System Code:	H061

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2665190
Sequence Number: 664139
Received EPAID: COD980591184
Managed Quanity: 19
Kilogram Quanity: 8.61840014
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665190
Sequence Number: 664138
Received EPAID: COD980591184
Managed Quanity: 384
Kilogram Quanity: 174.182402
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2665171
Sequence Number: 664118
Received EPAID: COD980591184
Managed Quanity: 47
Kilogram Quanity: 21.3192003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665173
Sequence Number: 664120
Received EPAID: COD980591184
Managed Quanity: 60
Kilogram Quanity: 27.2160004
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 136931
Comments: Additional Waste Code WT02
Waste Sequence Number: 2665181
Sequence Number: 1

Comments: Additional Waste Code WT02
Waste Sequence Number: 2665182
Sequence Number: 1

Comments: Additional Waste Code WT02
Waste Sequence Number: 2665183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136931
Waste Sequence Number: 2665170
Sequence Number: 5916121
WCDA Code: P119

Waste Sequence Number: 2665175
Sequence Number: 5916111
WCDA Code: D003

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2665176
Sequence Number: 5916112
WCDA Code: D005

Waste Sequence Number: 2665177
Sequence Number: 5916113
WCDA Code: D005

Waste Sequence Number: 2665178
Sequence Number: 5916114
WCDA Code: D018

Waste Sequence Number: 2665193
Sequence Number: 5916139
WCDA Code: D002

Waste Sequence Number: 2665193
Sequence Number: 5916140
WCDA Code: D008

Waste Sequence Number: 2665171
Sequence Number: 5916104
WCDA Code: D001

Waste Sequence Number: 2665173
Sequence Number: 5916106
WCDA Code: D001

Waste Sequence Number: 2665180
Sequence Number: 5916117
WCDA Code: U080

Waste Sequence Number: 2665172
Sequence Number: 5916105
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 136931
Waste Sequence Number: 2665170
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665171
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665172
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665173
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665174
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	2665175
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665176
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665177
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665178
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665179
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665180
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642752
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6
Quanity Unit:	LB
Kilograms Quanity:	2.72160004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642754
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	264
Quanity Unit:	LB
Kilograms Quanity:	119.750402
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642761
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	63
Quanity Unit:	LB
Kilograms Quanity:	28.5768004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642763
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	278
Quanity Unit:	LB
Kilograms Quanity:	126.100802
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WP02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2651242
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	131
Quanity Unit:	LB
Kilograms Quanity:	59.4216010
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642749
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code:	D
Reported Quanity:	67
Quanity Unit:	LB
Kilograms Quanity:	30.3912005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642750
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	LB
Kilograms Quanity:	24.9480004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2642764
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	295
Quanity Unit:	LB
Kilograms Quanity:	133.812002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2642765
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	280
Quanity Unit:	LB
Kilograms Quanity:	127.008002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	131961
Sequence Number:	2642766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1408
Quanity Unit:	LB
Kilograms Quanity:	638.668810
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	131961
Sequence Number:	2651239
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	171
Quanity Unit:	LB
Kilograms Quanity:	77.5656013

UPS TACOMA (Continued) **1001969495**

Density Number: 0
Density Quanity: Not reported

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 131961
Waste Sequence Number: 2642755
Sequence Number: 638789
Received EPAID: MOD981505555
Managed Quanity: 74
Kilogram Quanity: 33.5664005
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642756
Sequence Number: 638790
Received EPAID: COD980591184
Managed Quanity: 208
Kilogram Quanity: 94.3488016
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642756
Sequence Number: 638791
Received EPAID: MOD981505555
Managed Quanity: 702
Kilogram Quanity: 318.427205
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642757
Sequence Number: 638793
Received EPAID: COD980591184
Managed Quanity: 34
Kilogram Quanity: 15.4224002
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642758
Sequence Number: 638794
Received EPAID: COD980591184
Managed Quanity: 77
Kilogram Quanity: 34.9272006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642759
Sequence Number: 638795
Received EPAID: MOD981505555
Managed Quanity: 87
Kilogram Quanity: 39.4632006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642752
Sequence Number: 638785
Received EPAID: COD980591184
Managed Quanity: 6

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity: 2.72160004
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642754
Sequence Number: 638787
Received EPAID: MOD981505555
Managed Quanity: 264
Kilogram Quanity: 119.750402
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642761
Sequence Number: 638798
Received EPAID: COD980591184
Managed Quanity: 47
Kilogram Quanity: 21.3192003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642761
Sequence Number: 638799
Received EPAID: MOD981505555
Managed Quanity: 16
Kilogram Quanity: 7.25760012
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642763
Sequence Number: 638848
Received EPAID: MOD981505555
Managed Quanity: 278
Kilogram Quanity: 126.100802
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 131961
Waste Sequence Number: 2642755
Sequence Number: 5769281
WCDA Code: D001

Waste Sequence Number: 2642755
Sequence Number: 5769282
WCDA Code: D002

Waste Sequence Number: 2642755
Sequence Number: 5769283
WCDA Code: D035

Waste Sequence Number: 2642756
Sequence Number: 5769294
WCDA Code: D002

Waste Sequence Number: 2642757
Sequence Number: 5769301
WCDA Code: D003

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	2642758
Sequence Number:	5769313
WCDA Code:	D003
Waste Sequence Number:	2642758
Sequence Number:	5769314
WCDA Code:	D006
Waste Sequence Number:	2642758
Sequence Number:	5769315
WCDA Code:	D008
Waste Sequence Number:	2642759
Sequence Number:	5769335
WCDA Code:	D001
Waste Sequence Number:	2642759
Sequence Number:	5769334
WCDA Code:	U002
Waste Sequence Number:	2642752
Sequence Number:	5829517
WCDA Code:	D001

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408809
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	LB
Kilograms Quanity:	7.2576001248307227
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408808
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	82
Quanity Unit:	LB
Kilograms Quanity:	37.195200639757452
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408814
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	128
Quanity Unit:	LB
Kilograms Quanity:	58.060800998645782
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408821
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	778
Quanity Unit:	LB
Kilograms Quanity:	352.90080606989386
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408820
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	414
Quanity Unit:	LB
Kilograms Quanity:	187.79040322999495
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408817
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code:	D
Reported Quanity:	186
Quanity Unit:	LB
Kilograms Quanity:	84.369601451157152
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408818
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	83
Quanity Unit:	LB
Kilograms Quanity:	37.648800647559376
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408819
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.813600787993934
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408816
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	106
Quanity Unit:	LB
Kilograms Quanity:	48.081600827003534
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408811
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.680000390096009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408813
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	141
Quanity Unit:	LB
Kilograms Quanity:	63.95760110007074

UPS TACOMA (Continued) **1001969495**

Density Number: 0
Density Quanity: Not reported

Shipments Send:
CORB Waste Sequence Number: 126826
Waste Sequence Number: 2408822
Sequence Number: 1149126
Shipment Date: 12/3/2010
Mainfest Document ID: 000382472WAS
Reported Quanity: 113
Unit of Measure: LB
Kilograms Quanity: 51.256800881617
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408822
Sequence Number: 1143094
Shipment Date: 9/24/2010
Mainfest Document ID: 000352656WAS
Reported Quanity: 138
Unit of Measure: LB
Kilograms Quanity: 62.596801076665
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408822
Sequence Number: 1143106
Shipment Date: 10/20/2010
Mainfest Document ID: 000363226WAS
Reported Quanity: 80
Unit of Measure: LB
Kilograms Quanity: 36.2880006241536
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408814
Sequence Number: 1143085
Shipment Date: 8/26/2010
Mainfest Document ID: 000351572WAS
Reported Quanity: 18
Unit of Measure: LB
Kilograms Quanity: 8.16480014043456
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408814
Sequence Number: 1149122
Shipment Date: 12/3/2010
Mainfest Document ID: 000382472WAS
Reported Quanity: 32
Unit of Measure: LB
Kilograms Quanity: 14.5152002496614
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408814
Sequence Number: 1143098
Shipment Date: 10/20/2010
Mainfest Document ID: 000363226WAS
Reported Quanity: 43
Unit of Measure: LB
Kilograms Quanity: 19.5048003354826

UPS TACOMA (Continued) **1001969495**

Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143074
Shipment Date:	7/15/2010
Mainfest Document ID:	000337182WAS
Reported Quanity:	35
Unit of Measure:	LB
Kilograms Quanity:	15.8760002730672
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408815
Sequence Number:	1143061
Shipment Date:	5/27/2010
Mainfest Document ID:	000337248WAS
Reported Quanity:	67
Unit of Measure:	LB
Kilograms Quanity:	30.3912005227286
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408816
Sequence Number:	1143035
Shipment Date:	1/6/2010
Mainfest Document ID:	000288092WAS
Reported Quanity:	106
Unit of Measure:	LB
Kilograms Quanity:	48.0816008270035
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408817
Sequence Number:	1143096
Shipment Date:	10/20/2010
Mainfest Document ID:	000363226WAS
Reported Quanity:	186
Unit of Measure:	LB
Kilograms Quanity:	84.3696014511572
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408831
Sequence Number:	1143045
Shipment Date:	3/10/2010
Mainfest Document ID:	000303790WAS
Reported Quanity:	23
Unit of Measure:	LB
Kilograms Quanity:	10.4328001794442
Receiving EPAID:	MOD981505555

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	126826
Waste Sequence Number:	2408814
Sequence Number:	584315
Received EPAID:	MOD981505555
Managed Quanity:	128
Kilogram Quanity:	58.060800998645782
Recycled Percentage:	0
Waste Management System Code:	H141

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2408815
Sequence Number: 578599
Received EPAID: MOD981505555
Managed Quanity: 67
Kilogram Quanity: 30.391200522728649
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408831
Sequence Number: 578589
Received EPAID: MOD981505555
Managed Quanity: 23
Kilogram Quanity: 10.432800179444163
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2492194
Sequence Number: 584339
Received EPAID: UTD981552177
Managed Quanity: 5
Kilogram Quanity: 2.2680000390096007
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 2408816
Sequence Number: 578576
Received EPAID: MOD981505555
Managed Quanity: 106
Kilogram Quanity: 48.081600827003534
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408817
Sequence Number: 578641
Received EPAID: MOD981505555
Managed Quanity: 186
Kilogram Quanity: 84.369601451157152
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408820
Sequence Number: 584316
Received EPAID: MOD981505555
Managed Quanity: 414
Kilogram Quanity: 187.79040322999495
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408811
Sequence Number: 578609
Received EPAID: MOD981505555
Managed Quanity: 50
Kilogram Quanity: 22.680000390096009
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408818

UPS TACOMA (Continued) **1001969495**

Sequence Number: 578631
Received EPAID: MOD981505555
Managed Quanity: 83
Kilogram Quanity: 37.648800647559376
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408813
Sequence Number: 578594
Received EPAID: MOD981505555
Managed Quanity: 141
Kilogram Quanity: 63.95760110007074
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408822
Sequence Number: 584322
Received EPAID: MOD981505555
Managed Quanity: 540
Kilogram Quanity: 244.94400421303689
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 126826
Waste Sequence Number: 2408816
Sequence Number: 5228981
WCDA Code: D018

Waste Sequence Number: 2408817
Sequence Number: 5229470
WCDA Code: D018

Waste Sequence Number: 2408814
Sequence Number: 5394630
WCDA Code: D001

Waste Sequence Number: 2408818
Sequence Number: 5229381
WCDA Code: D001

Waste Sequence Number: 2408809
Sequence Number: 5228968
WCDA Code: D001

Waste Sequence Number: 2408816
Sequence Number: 5228980
WCDA Code: D001

Waste Sequence Number: 2408808
Sequence Number: 5394514
WCDA Code: D001

Waste Sequence Number: 2408815
Sequence Number: 5229128
WCDA Code: D001

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2408815
Sequence Number: 5229129
WCDA Code: D005

Waste Sequence Number: 2408817
Sequence Number: 5229471
WCDA Code: D035

Waste Sequence Number: 2408817
Sequence Number: 5229469
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 126826
Waste Sequence Number: 2408811
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408819
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408809
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408814
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408815
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408816
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408813
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408812
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408822
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408810
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408817
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060758
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	163
Quanity Unit:	LB
Kilograms Quanity:	73.93680127171298
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060754

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	103
Quanity Unit:	LB
Kilograms Quanity:	46.720800803597776
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060768
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	202
Quanity Unit:	LB
Kilograms Quanity:	91.627201575987868
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060755
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	94
Quanity Unit:	LB
Kilograms Quanity:	42.638400733380493
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060763
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	719
Quanity Unit:	LB
Kilograms Quanity:	326.13840560958062
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060760
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	34
Quanity Unit:	LB
Kilograms Quanity:	15.422400265265285
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060761
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	5.4432000936230418
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060757
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	768
Quanity Unit:	LB
Kilograms Quanity:	348.36480599187468
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060759
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	415
Quanity Unit:	LB
Kilograms Quanity:	188.24400323779687
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060762
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	206
Quanity Unit:	LB
Kilograms Quanity:	93.441601607195551
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	75
Quanity Unit:	LB
Kilograms Quanity:	34.020000585144011
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	121688
Waste Sequence Number:	2060757
Sequence Number:	516360
Received EPAID:	MOD981505555
Managed Quanity:	768
Kilogram Quanity:	348.36480599187468
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060768
Sequence Number:	516379
Received EPAID:	MOD981505555
Managed Quanity:	202
Kilogram Quanity:	91.627201575987868
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060756
Sequence Number:	516359
Received EPAID:	MOD981505555
Managed Quanity:	388

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity: 175.99680302714503
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060758
Sequence Number: 516362
Received EPAID: MOD981505555
Managed Quanity: 163
Kilogram Quanity: 73.93680127171298
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060761
Sequence Number: 516367
Received EPAID: MOD981505555
Managed Quanity: 12
Kilogram Quanity: 5.4432000936230418
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060763
Sequence Number: 516371
Received EPAID: MOD981505555
Managed Quanity: 719
Kilogram Quanity: 326.13840560958062
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060759
Sequence Number: 516365
Received EPAID: MOD981505555
Managed Quanity: 415
Kilogram Quanity: 188.24400323779687
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060766
Sequence Number: 516375
Received EPAID: MOD981505555
Managed Quanity: 75
Kilogram Quanity: 34.020000585144011
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060754
Sequence Number: 516355
Received EPAID: MOD981505555
Managed Quanity: 103
Kilogram Quanity: 46.720800803597776
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060764
Sequence Number: 516372
Received EPAID: MOD981505555
Managed Quanity: 79
Kilogram Quanity: 35.834400616351694

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060760
Sequence Number: 516366
Received EPAID: MOD981505555
Managed Quanity: 34
Kilogram Quanity: 15.422400265265285
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 121688
Waste Sequence Number: 2060767
Sequence Number: 4452435
WCDA Code: D001

Waste Sequence Number: 2060755
Sequence Number: 4452233
WCDA Code: D001

Waste Sequence Number: 2060758
Sequence Number: 4452282
WCDA Code: D035

Waste Sequence Number: 2060768
Sequence Number: 4452462
WCDA Code: D001

Waste Sequence Number: 2060757
Sequence Number: 4452262
WCDA Code: D002

Waste Sequence Number: 2060757
Sequence Number: 4452261
WCDA Code: D001

Waste Sequence Number: 2060758
Sequence Number: 4452281
WCDA Code: D002

Waste Sequence Number: 2060764
Sequence Number: 4452367
WCDA Code: U002

Waste Sequence Number: 2060764
Sequence Number: 4452369
WCDA Code: D001

Waste Sequence Number: 2060761
Sequence Number: 4452317
WCDA Code: D039

Waste Sequence Number: 2060764
Sequence Number: 4452368
WCDA Code: U239

UPS TACOMA (Continued) **1001969495**

Waste Stream Source Code:

CORB Waste Sequence Number:	121688
Waste Sequence Number:	2060760
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060764
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060755
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060759
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060762
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060767
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060756
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060757
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060754
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060761
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060765
Sequence Number:	1
WCDD Code:	G32

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	UNITED PARCEL SERVICE WATAC
Address:	5001 20TH ST E -
City,State,Zip:	TACOMA, WA 98424-1911
Facility Status:	Active
Facility Type:	Industrial SW GP

UPS TACOMA (Continued) **1001969495**

Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23908999
Longitude:	-122.36192
Permit ID:	WAR000309
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AB95
SSW
1/4-1/2
0.441 mi.
2328 ft.

MWI VETERINARY SUPPLY
4200 INDUSTRY DR E STE 4200B
FIFE, WA 98424

Site 1 of 2 in cluster AB

WA ALLSITES **S111289173**
N/A

Relative:
Higher

Actual:
21 ft.

ALLSITES:

Name:	MWI VETERINARY SUPPLY
Facility Id:	18052

96
WSW
1/4-1/2
0.447 mi.
2360 ft.

PAPE MACHINERY TACOMA
3607 20TH ST E
TACOMA, WA 98424

WA UST **1001969539**
WA ALLSITES **WAD988492922**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST
WA NPDES

Relative:
Higher

Actual:
17 ft.

UST:

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	72626264
Site Id:	2926
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238927
Decimal Longitude:	-122.383449
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel

PAPE MACHINERY TACOMA (Continued) **1001969539**

Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964

PAPE MACHINERY TACOMA (Continued) **1001969539**

Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PAPE MACHINERY TACOMA
Facility Id:	72626264

RCRA Listings:

Date Form Received by Agency:	2007-03-29 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Handler Address:	3607 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988492922
Contact Name:	CHANDA ROSALES
Contact Address:	355 GOODPASTURE ISALND RD.
Contact City,State,Zip:	EUGENE, OR 97401
Contact Telephone:	541-681-5386
Contact Fax:	Not reported
Contact Email:	CROSALES@PAPE.COM
Contact Title:	ASSISTANT PROPERTY MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	PAPE' MACHINERY
Owner Type:	Private
Operator Name:	PAPE' MACHINERY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:25:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

PAPE MACHINERY TACOMA (Continued) **1001969539**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT

PAPE MACHINERY TACOMA (Continued) **1001969539**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	355 GOODPASTURE ISLAND RD
Owner/Operator City,State,Zip:	EUGENE, OR 97401
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE GROUP
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	355 GOODPASTURE ISLAND RD
Owner/Operator City,State,Zip:	EUGENE, OR 97401
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE‘ MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE’ MACHINERY P
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE’ MACHINERY P
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE’ MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-03-28 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Receive Date:	2007-03-29 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-02 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-05 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-11 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-24 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-13 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-03 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-18 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-05-16 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA

PAPE MACHINERY TACOMA (Continued) **1001969539**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-28 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SMITH TRACTOR & EQUIPMENT CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SMITH TRACTOR & EQUIPMENT CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42181
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT WHOLESALERS
NAICS Code:	42182
NAICS Description:	FARM AND GARDEN MACHINERY AND EQUIPMENT WHOLESALERS
NAICS Code:	42381
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

PAPE MACHINERY TACOMA (Continued) **1001969539**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005365666

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969539
Registry ID:	110005365666
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005365666
Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	72626264
EPA ID:	WAD988492922
NAICS:	42381
State Waste Code Desc:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278049810
Business Type:	dealership
Mail Name:	Pape' Machinery
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Pape' Machinery
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3607 20TH ST E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	5416835073
Legal Effective Date:	04/01/2002
Land Organization Name:	Smith Real Estate Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 778
Land City,State,Zip:	KENT, WA 98035
Land Phone Number:	2533909255
Operator Organization Name:	Pape' Machinery
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3607 20th St. E.
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8718
Operator Effective Date:	04/01/2002
Site Contact:	Larry Phillips
Site Contact Address:	3607 20th St. E.
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8718
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	72626264
EPA ID:	WAD988492922
NAICS:	42381
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278049810
Business Type:	dealership
Mail Name:	Pape' Machinery
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Pape' Machinery
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3607 20th St. E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	5416835073
Legal Effective Date:	04/01/2002
Land Organization Name:	Smith Real Estate Development
Land Organization Type:	Private
Land Contact:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Land Address:	PO BOX 778
Land City,State,Zip:	KENT, WA 98035
Land Phone Number:	2533909255
Operator Organization Name:	Pape' Machinery
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3607 20th St. E.
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8718
Operator Effective Date:	04/01/2002
Site Contact:	Larry Phillips
Site Contact Address:	3607 20th St. E.
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8718
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E -
City,State,Zip:	TACOMA, WA 98424
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23892699
Longitude:	-122.383449
Permit ID:	WAR005635
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AB97	**SPORTSWEAR SVC**	**WA ALLSITES**	**1001969657**
South	**4101 INDUSTRY DR E**	**RCRA NonGen / NLR**	**WAH000010215**
1/4-1/2	**FIFE, WA 98424**	**FINDS**	
0.452 mi.		**ECHO**	
2387 ft.	**Site 2 of 2 in cluster AB**	**WA NPDES**	

Relative:
Higher

Actual:
20 ft.

ALLSITES:

Name:	SPORTSWEAR SVC
Facility Id:	93277555

RCRA Listings:

Date Form Received by Agency:	2001-05-30 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Handler Address:	4101 INDUSTRY DR E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000010215
Contact Name:	LORI WEDLAKE
Contact Address:	4301 A INDUSTRIAL DR E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-926-6000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4301 A INDUSTRIAL DR E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	COLLIERS INTERNATIONAL
Owner Type:	Private
Operator Name:	COLLIERS INTERNATIONAL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

SPORTSWEAR SVC (Continued) **1001969657**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-26 16:43:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326

SPORTSWEAR SVC (Continued) **1001969657**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 A INDUSTRIAL DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LORI W
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 A INDUSTRIAL DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

SPORTSWEAR SVC (Continued) **1001969657**

Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERN C
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-05-29 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-29 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SPORTSWEAR SVC (Continued) **1001969657**

Receive Date:	2001-05-30 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-07 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42433
NAICS Description:	WOMEN'S, CHILDREN'S, AND INFANTS' CLOTHING AND ACCESSORIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005396589

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

SPORTSWEAR SVC (Continued) **1001969657**

Envid:	1001969657
Registry ID:	110005396589
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005396589
Name:	SPORTSWEAR SVC
Address:	4101 INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424

NPDES:

Name:	PRECISION MACHINE WORKS FIFE
Address:	4101 D INDUSTRY DR E
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR307347
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AC98 **CHEVRON #97376** **WA ICR** **S103506322**
East **5018 PACIFIC HWY E.** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.452 mi.
2389 ft. **Site 1 of 2 in cluster AC**

Relative:
Lower

Actual:
13 ft.

ICR:

Date Ecology Received Report:	10/07/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-35
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/28/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/14/95

CHEVRON #97376 (Continued) **S103506322**

Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-46
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	01/02/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-44
County Code:	27
Contact:	Not reported
Report Title:	Ground Water Monitoring and Sampling Report - 10/31/01

AC99 **TACO BELL CHEVRON 97376** **WA VCP** **S124433058**
East **5018 PACIFIC HWY E** **N/A**
1/4-1/2 **TACOMA, WA 98424**
0.452 mi.
2389 ft. **Site 2 of 2 in cluster AC**

Relative:
Lower

Actual:
13 ft.

VCP:

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	20365296
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5667
Contaminant Name:	Metals Priority Pollutants
Soil:	Not reported

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	20365296
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported

TACO BELL CHEVRON 97376 (Continued) **S124433058**

Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5667
Contaminant Name: Non-Halogenated Solvents
Soil: Confirmed Above Cleanup Levels

Name: TACO BELL CHEVRON 97376
Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 20365296
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5667
Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

Z100 SSW 1/4-1/2 0.469 mi. 2477 ft. | **PENSKE TRUCK LEASING CO FIFE** | **WA ALLSITES FINDS** | **1007068796 N/A**
2105 FRANK ALBERT RD E STE A
FIFE, WA 98424

Site 3 of 3 in cluster Z

Relative: Higher
Actual: 18 ft.

ALLSITES:
Name: PENSKE TRUCK LEASING CO FIFE
Facility Id: 55388197

FINDS:
Registry ID: 110015453962

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

101 East 1/4-1/2 0.469 mi. 2478 ft.

FIFE CLEANERS
5121 PACIFIC HWY E STE D
FIFE, WA 98424

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA DRYCLEANERS
WA Inactive Drycleaners

1004794099
WAD988490215

Relative: Lower

Actual: 13 ft.

ALLSITES:

Name:	FIFE CLEANERS
Facility Id:	19591969

RCRA Listings:

Date Form Received by Agency:	2005-05-17 00:00:00.0
Handler Name:	FIFE CLEANERS
Handler Address:	5121 PACIFIC HWY E STE D
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988490215
Contact Name:	HAE CHA BASSETT
Contact Address:	5121 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-6530
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	5121 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	FIFE CLEANERS
Owner Type:	Private
Operator Name:	BASSETT, HAE CHA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 12:24:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN

FIFE CLEANERS (Continued) **1004794099**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VAN STONE, LINDA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5800 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-2626
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2669
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAE CHA BASSETT
Legal Status:	Private
Date Became Current:	1996-06-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2669
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E STE D
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E

FIFE CLEANERS (Continued) **1004794099**

Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAE CHA B
Legal Status:	Private
Date Became Current:	1996-06-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2669
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private

FIFE CLEANERS (Continued) **1004794099**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Legal Status:	Private
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
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Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E STE D
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E STE D
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAE CHA L
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E

FIFE CLEANERS (Continued) **1004794099**

Owner/Operator City,State,Zip:	FIFE, WA 98424-2669
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENSEN, IVAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29915 WEBSTER RD E
Owner/Operator City,State,Zip:	GRAHAM, WA 98338
Owner/Operator Telephone:	253-846-2006
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VAN STONE, LINDA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5800 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-2626
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASSETT, HAE CHA
Legal Status:	Private

FIFE CLEANERS (Continued) **1004794099**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CLEANERS
Legal Status:	Private
Date Became Current:	1993-01-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5121 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-6530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VAN STONE, LINDA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5800 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-2626
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-05-16 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-16 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

FIFE CLEANERS (Continued) **1004794099**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-05-17 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-11 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-02-23 00:00:00.0
Handler Name:	FIFE CLEANERS

FIFE CLEANERS (Continued) **1004794099**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-28 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-23 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-24 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-28 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

FIFE CLEANERS (Continued) **1004794099**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-20 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-16 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	FIFE CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

FIFE CLEANERS (Continued) **1004794099**

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-08-21 00:00:00.0
Actual Return to Compliance Date:	2001-09-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-08-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADES
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-08-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-09-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FIFE CLEANERS (Continued) **1004794099**

FINDS:
Registry ID: 110005363720

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794099
Registry ID:	110005363720
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005363720
Name:	FIFE CLEANERS
Address:	5121 PACIFIC HWY E STE D
City,State,Zip:	FIFE, WA 98424

DRYCLEANERS:

Name:	FIFE CLEANERS
Address:	5121 PACIFIC HWY E STE D
City,State,Zip:	FIFE, WA 98424
EPA Id:	Not reported
FS Id:	19591969
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported

FIFE CLEANERS (Continued) **1004794099**

Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported
Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported
UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	RSVP
Status Code:	A
Start Date:	09/11/2001
End Date:	Not reported
NAICS DS:	Drycleaning and Laundry Services (except coin-operated)
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	HAZWASTE
Latitude:	47.242919999999998
Longitude:	-122.35834
Comments:	Not reported

INACTIVE DRYCLEANERS:

Name:	FIFE CLEANERS
Address:	5121 PACIFIC HWY E STE D
City,State,Zip:	FIFE, WA 98424
EPA I:	WAD988490215
FS Id:	19591969
Facility ID:	19591969
NAICS Code:	81232
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	601342942
BUSINESS TYPE:	Not reported
MAIL NAME:	Fife Cleaners
MAIL LINE1:	5121 PACIFIC HWY E
MAIL LINE2:	Not reported
MAIL CITY:	FIFE
MAIL STATE:	WA
MAIL ZIP:	98424-2669
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Fife Cleaners
LEGAL PERSON FIRST NAME:	Hae Cha
LEGAL PERSON MIDDLE INIT:	Not reported

FIFE CLEANERS (Continued) **1004794099**

LEGAL PERSON LAST NAME:	Lee
LEGAL LINE1:	5121 PACIFIC HWY E
LEGAL LINE2:	Not reported
LEGAL CITY:	FIFE
LEGAL STATE:	WA
LEGAL ZIP:	98424-2669
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(253)922-6530
LEGAL EFFECTIVE DATE:	1/28/1993
LEGAL ORGANIZATION TYPE:	Private
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Linda
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Van Stone
LAND LINE1:	5800 Pacific Hwy E
LAND LINE2:	Not reported
LAND CITY:	Fife
LAND STATE:	WA
LAND ZIP:	98424
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	253-926-2626
LAND ORGANIZATION TYPE:	Private
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Hae Cha
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Bassett
OPERATOR LINE1:	5121 PACIFIC HWY E
OPERATOR LINE2:	Not reported
OPERATOR CITY:	FIFE
OPERATOR STATE:	WA
OPERATOR ZIP:	98424-2669
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(253)922-6530
OPERATOR EFFECTIVE DATE:	6/18/1996
OPERATOR ORGANIZATION TYPE:	Private
SITE CONTACT FIRST NAME:	Hae Cha
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Bassett
SITE CONTACT LINE1:	5121 PACIFIC HWY E
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	FIFE
SITE CONTACT STATE:	WA
SITE CONTACT ZIP:	98424-2669
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(253)922-6530
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Hae Cha
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Bassett
FORM CONTACT LINE1:	5121 PACIFIC HWY E
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	FIFE
FORM CONTACT STATE:	WA
FORM CONTACT ZIP:	98424-2669
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(253)922-6530
FORM CONTACT EMAIL:	Not reported

FIFE CLEANERS (Continued) **1004794099**

GEN STATUS CD:	SQG
MONTHLY GENERATION:	No
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHERS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
PBR:	No
TBG:	No
MIXED RADIOACTIVE:	No
IMPORTER:	No
TSDR FACILITY:	No
IMMEDIATE RECYCLER:	No
GEN DANG FUEL:	No
GEN MARKET TO BURNER:	No
GEN OTHER MARKETERS:	No
UTILITY BOILER BURNER:	No
INDUSTRY BOILER BURNER:	No
FURNACE BURNER:	No
SMELTER DEFERRAL:	No
SMALL QTY EXEMPTION:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
UW THERMOSTATS GEN:	No
UW MERCURY GEN:	No
UW LAMPS GEN:	No
UW BATTERY ACCUM:	No
UW THERMOSTATS ACCUM:	No
UW MERCURY ACCUM:	No
UW LAMPS ACCUM:	No
UW DESTINATION FACILITY:	No
OFF SPEC UTILITY BOILER:	No
OFF SPEC INDUSTRY BOILER:	No
OFF SPEC FURNACE:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACILITY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MARKETER DIR SHIPMENTS:	No
USED OIL FUEL MARKETER MEETS SPECS:	No
ECO Int Type Code:	Not reported
Status Code:	Not reported
Start Date:	Not reported
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Comments:	Not reported

102 WNW 1/4-1/2 0.475 mi. 2507 ft.

KEY BANK
1323 34TH AVE E
FIFE, WA 98424

WA CSCSL
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000223632
WAD982654758

Relative: Higher

Actual: 18 ft.

CSCSL:

Name:	TACOMA POWER MINERAL OIL SPILL
Address:	1323 34TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	4888443
Region:	Southwest
Lat/Long:	47.24466 / -122.3831
Clean Up Siteid:	15216
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Key Bank
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	KEY BANK
Facility Id:	4888443

RCRA Listings:

Date Form Received by Agency:	1997-06-07 00:00:00.0
Handler Name:	KEY BANK
Handler Address:	1323 34TH AVE E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982654758
Contact Name:	JOHN THORNBERG
Contact Address:	1323 34TH AVE E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-552-5066
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1323 34TH AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	KEY BANK

KEY BANK (Continued) **1000223632**

Owner Type:	Private
Operator Name:	KEY BANK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

KEY BANK (Continued) **1000223632**

Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported

KEY BANK (Continued) **1000223632**

Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK K
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK

KEY BANK (Continued) **1000223632**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

KEY BANK (Continued) **1000223632**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-07 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	52211
NAICS Description:	COMMERCIAL BANKING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

KEY BANK (Continued) **1000223632**

FINDS:
Registry ID: 110005346401

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000223632
Registry ID:	110005346401
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005346401
Name:	KEY BANK
Address:	1323 34TH AVE E
City,State,Zip:	FIFE, WA 98424

103
NW
1/4-1/2
0.476 mi.
2512 ft.

AUTO WAREHOUSING CO
3715 SR 509 N FRONTAGE RD
TACOMA, WA 98421

WA ALLSITES **S109554364**
N/A

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	AUTO WAREHOUSING CO
Facility Id:	43274632

104
WNW
1/4-1/2
0.480 mi.
2536 ft.

PROGRESS RAIL SERVICES
4012 SR 509 S FRONTAGE RD
TACOMA, WA 98421

RCRA-SQG **1000105883**
WA ALLSITES **WAD060033024**
WA CSCSL NFA
FINDS
ECHO
WA MANIFEST
WA NPDES

Relative:
Higher

Actual:
14 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-04 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Handler Address:	4012 SR 509 S FRONTAGE RD
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD060033024
Contact Name:	TANYA GIROUARD
Contact Address:	PO BOX 1037
Contact City,State,Zip:	ALBERTVILLE, AL 35950
Contact Telephone:	801-510-3952
Contact Fax:	Not reported
Contact Email:	TGIROUARD@PROGRESSRAIL.COM
Contact Title:	REGIONAL ENVIRONMENTAL MANAGER
EPA Region:	10
Land Type:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1037
Mailing City,State,Zip:	ALBERTVILLE, AL 35950
Owner Name:	PROGRESS RAIL SERVICES
Owner Type:	Private
Operator Name:	PROGRESS RAIL SERVICES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA PORT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1837
Owner/Operator City,State,Zip: TACOMA, WA 98401
Owner/Operator Telephone: 253-383-5841
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1837
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-05 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-14 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-11 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-16 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-09-26 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-28 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-13 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-27 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP

PROGRESS RAIL SERVICES (Continued) **1000105883**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-04 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-23 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-11 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-19 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receive Date:	2014-03-20 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-22 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-04 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIP CO A DIV
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	COAST ENGINE AND EQUIPMENT, CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333913

PROGRESS RAIL SERVICES (Continued) **1000105883**

NAICS Description: MEASURING AND DISPENSING PUMP MANUFACTURING

NAICS Code: 333914
NAICS Description: MEASURING, DISPENSING, AND OTHER PUMPING EQUIPMENT MANUFACTURING

NAICS Code: 488210
NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	2002-01-08 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-11-16 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2007-08-07 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2015-03-10 00:00:00.0
Actual Return to Compliance Date: 2015-07-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2015-07-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-01-26 00:00:00.0
Actual Return to Compliance Date: 2009-05-26 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2009-03-02 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2009-01-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-05-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-09-18 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-08-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJMC
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 2006-11-16 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2012-04-17 00:00:00.0
Actual Return to Compliance Date: 2012-09-20 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-05-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2015-03-10 00:00:00.0
Actual Return to Compliance Date: 2015-03-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-01-26 00:00:00.0
Actual Return to Compliance Date: 2009-05-26 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2009-03-02 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2009-01-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-09-18 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-08-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJMC
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-05-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-12-27 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2012-04-17 00:00:00.0
Actual Return to Compliance Date: 2012-06-15 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2012-06-17 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-05-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALVP
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2015-03-10 00:00:00.0
Actual Return to Compliance Date: 2015-07-15 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2015-07-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-07-18 00:00:00.0
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-09-20 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-07-15 00:00:00.0
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	COAST ENGINE & EQUIPMENT CORP
Facility Id:	26693246

CSCSL NFA:

PROGRESS RAIL SERVICES (Continued) **1000105883**

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Latitude: 47.246361863
Longitude: -122.37498158

FINDS:
Registry ID: 110000828070

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000105883
Registry ID: 110000828070
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000828070
Name: COAST ENGINE & EQUIPMENT CORP

PROGRESS RAIL SERVICES (Continued) **1000105883**

Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421

WA MANIFEST:

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950

PROGRESS RAIL SERVICES (Continued) **1000105883**

Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	165259
Sequence Number:	3495176
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	940
Quanity Unit:	LB
Kilograms Quanity:	426.384007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDB Code:	W002
Description:	Paint Exhaust Filters & Solvent Soaked Rags
CORb Sequence Number:	165259
Sequence Number:	3495180
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	2136799
Shipment Date:	2017-02-07 00:00:00
Mainfest Document ID:	009994040FLE
Reported Quanity:	240
Unit of Measure:	LB
Kilograms Quanity:	108.864001
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3495176
Sequence Number:	2136800
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152334FLE
Reported Quanity:	700
Unit of Measure:	LB
Kilograms Quanity:	317.520005
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3495180
Sequence Number:	2136804
Shipment Date:	2017-02-09 00:00:00
Mainfest Document ID:	009063464FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3495180
Sequence Number:	2136805
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	010620036FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3495180
Sequence Number:	2136806
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152336FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 971901
Received EPAID: WAD981769110
Managed Quanity: 940
Kilogram Quanity: 426.384007
Recycled Percentage: 65
Waste Management System Code: H020

Waste Sequence Number: 3495180
Sequence Number: 971905
Received EPAID: NED981723513
Managed Quanity: 1300
Kilogram Quanity: 589.680010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 8463346
WCDA Code: D001

Waste Sequence Number: 3495176
Sequence Number: 8463347
WCDA Code: F003

Waste Sequence Number: 3495176
Sequence Number: 8463348
WCDA Code: F005

Waste Sequence Number: 3495180
Sequence Number: 8463449
WCDA Code: D001

Waste Sequence Number: 3495180
Sequence Number: 8463450
WCDA Code: F003

Waste Sequence Number: 3495180
Sequence Number: 8463451
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3495180
Sequence Number: 1
WCDD Code: G06

PROGRESS RAIL SERVICES (Continued) **1000105883**

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	165259
Sequence Number:	3495176
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	940
Quanity Unit:	LB
Kilograms Quanity:	426.384007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Exhaust Filters & Solvent Soaked Rags
CORb Sequence Number:	165259
Sequence Number:	3495180

PROGRESS RAIL SERVICES (Continued) **1000105883**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	2136799
Shipment Date:	2017-02-07 00:00:00
Mainfest Document ID:	009994040FLE
Reported Quanity:	240
Unit of Measure:	LB
Kilograms Quanity:	108.864001
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495176
Sequence Number:	2136800
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152334FLE
Reported Quanity:	700
Unit of Measure:	LB
Kilograms Quanity:	317.520005
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495180
Sequence Number:	2136804
Shipment Date:	2017-02-09 00:00:00
Mainfest Document ID:	009063464FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136805
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	010620036FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136806
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152336FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste CORB Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	971901
Received EPAID:	WAD981769110
Managed Quanity:	940
Kilogram Quanity:	426.384007
Recycled Percentage:	65
Waste Management System Code:	H020
Waste Sequence Number:	3495180
Sequence Number:	971905
Received EPAID:	NED981723513
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	8463346
WCDA Code:	D001
Waste Sequence Number:	3495176
Sequence Number:	8463347
WCDA Code:	F003
Waste Sequence Number:	3495176
Sequence Number:	8463348
WCDA Code:	F005
Waste Sequence Number:	3495180
Sequence Number:	8463449
WCDA Code:	D001
Waste Sequence Number:	3495180
Sequence Number:	8463450
WCDA Code:	F003
Waste Sequence Number:	3495180
Sequence Number:	8463451
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3495180
Sequence Number:	1
WCDD Code:	G06

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	155707
Sequence Number:	3401489
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	155707
Sequence Number:	3401488
Mixed Radioactive Flag:	False
Designation Code:	D

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	2400
Quanity Unit:	LB
Kilograms Quanity:	1088.64001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W406
Description:	Baghouse Dust Fines
CORb Sequence Number:	155707
Sequence Number:	3401487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11300
Quanity Unit:	LB
Kilograms Quanity:	5125.68008
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155707
Waste Sequence Number:	3401488
Sequence Number:	897144
Received EPAID:	WAD981769110
Managed Quanity:	2400
Kilogram Quanity:	1088.64001
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3401487
Sequence Number:	897141
Received EPAID:	IDD073114654
Managed Quanity:	11300
Kilogram Quanity:	5125.68008
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3401489
Sequence Number:	897146
Received EPAID:	WAD981769110
Managed Quanity:	1100
Kilogram Quanity:	498.960008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3401489
Sequence Number:	897145
Received EPAID:	WAD981769110

PROGRESS RAIL SERVICES (Continued) **1000105883**

Managed Quanity: 150
Kilogram Quanity: 68.0400011
Recycled Percentage: 0
Waste Management System Code: H020

Waste Stream EPA Code:
CORB Waste Sequence Number: 155707
Waste Sequence Number: 3401489
Sequence Number: 7826399
WCDA Code: D001

Waste Sequence Number: 3401489
Sequence Number: 7826400
WCDA Code: F003

Waste Sequence Number: 3401489
Sequence Number: 7826401
WCDA Code: F005

Waste Sequence Number: 3401488
Sequence Number: 7826393
WCDA Code: D001

Waste Sequence Number: 3401488
Sequence Number: 7826394
WCDA Code: F003

Waste Sequence Number: 3401488
Sequence Number: 7826395
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 155707
Waste Sequence Number: 3401488
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3401489
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3401487
Sequence Number: 1
WCDD Code: G21

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421-3537
Facility Address 2: Not reported
Facility ID: 26693246
EPA ID: WAD060033024
NAICS: 488210
State Waste Code Desc: WT02
Federal Waste Code Desc: D001,F003,F005
Form Comm: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	149508
Sequence Number:	3339344
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1309.77002
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W406
Description:	Baghouse Dust Fines
CORb Sequence Number:	149508
Sequence Number:	3339284
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3200
Quanity Unit:	LB
Kilograms Quanity:	1451.52002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	149508
Sequence Number:	3339349
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	LB
Kilograms Quanity:	249.480004
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339349
Sequence Number:	1836595
Shipment Date:	2014-01-31 00:00:00
Mainfest Document ID:	007598163
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339349
Sequence Number:	1836596
Shipment Date:	2014-07-18 00:00:00
Mainfest Document ID:	006765737
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836556
Shipment Date:	2014-01-31 00:00:00
Mainfest Document ID:	007598163
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836557
Shipment Date:	2014-05-13 00:00:00
Mainfest Document ID:	007595715
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	561.330009
Receiving EPAID:	WAD981769110

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 3339344
Sequence Number: 1836558
Shipment Date: 2014-09-07 00:00:00
Mainfest Document ID: 006765050
Reported Quanity: 165
Unit of Measure: GAL
Kilograms Quanity: 561.330009
Receiving EPAID: WAD981769110

Waste Sequence Number: 3339284
Sequence Number: 1836516
Shipment Date: 2014-10-09 00:00:00
Mainfest Document ID: 006767214
Reported Quanity: 3200
Unit of Measure: LB
Kilograms Quanity: 1451.52002
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 149508
Waste Sequence Number: 3339344
Sequence Number: 853170
Received EPAID: WAD981769110
Managed Quanity: 385
Kilogram Quanity: 1309.77002
Recycled Percentage: 50
Waste Management System Code: H020

Waste Sequence Number: 3339284
Sequence Number: 852980
Received EPAID: IDD073114654
Managed Quanity: 3200
Kilogram Quanity: 1451.52002
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339349
Sequence Number: 853198
Received EPAID: WAD981769110
Managed Quanity: 550
Kilogram Quanity: 249.480004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 149508
Comments: The baghouse dust fines waste was generated over a period of four months, and was shipped out on 10/9/14.
Waste Sequence Number: 3339284
Sequence Number: 1

Comments: Waste is managed by first recovering the solvents (approximately 50% of the waste), and then incinerating the remaining paint solids.
Waste Sequence Number: 3339344
Sequence Number: 1

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Stream EPA Code:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339344
Sequence Number:	7559583
WCDA Code:	D001
Waste Sequence Number:	3339344
Sequence Number:	7559584
WCDA Code:	F003
Waste Sequence Number:	3339344
Sequence Number:	7559585
WCDA Code:	F005
Waste Sequence Number:	3339349
Sequence Number:	7558248
WCDA Code:	D001
Waste Sequence Number:	3339349
Sequence Number:	7558249
WCDA Code:	F003
Waste Sequence Number:	3339349
Sequence Number:	7558250
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339284
Sequence Number:	1
WCDD Code:	G21
Waste Sequence Number:	3339344
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3339349
Sequence Number:	1
WCDD Code:	G06

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	145563
Sequence Number:	3294292
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1650
Quanity Unit:	LB
Kilograms Quanity:	748.440012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	145563
Sequence Number:	3294289
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	345
Quanity Unit:	GAL
Kilograms Quanity:	1173.69002
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	145563
Waste Sequence Number:	3294292
Sequence Number:	1753478
Shipment Date:	2013-03-19 00:00:00
Mainfest Document ID:	009640256JJI

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity: 150
Unit of Measure: LB
Kilograms Quanity: 68.0400011
Receiving EPAID: NED981723513

Waste Sequence Number: 3294292
Sequence Number: 1753480
Shipment Date: 2013-08-05 00:00:00
Mainfest Document ID: 009640361JJK
Reported Quanity: 300
Unit of Measure: LB
Kilograms Quanity: 136.080002
Receiving EPAID: ARD069748192

Waste Sequence Number: 3294292
Sequence Number: 1753479
Shipment Date: 2013-06-05 00:00:00
Mainfest Document ID: 009640321JJK
Reported Quanity: 400
Unit of Measure: LB
Kilograms Quanity: 181.440003
Receiving EPAID: TXD055141378

Waste Sequence Number: 3294292
Sequence Number: 1753477
Shipment Date: 2013-01-17 00:00:00
Mainfest Document ID: 005224151FLE
Reported Quanity: 800
Unit of Measure: LB
Kilograms Quanity: 362.880006
Receiving EPAID: WAD981769110

Waste Sequence Number: 3294289
Sequence Number: 1753472
Shipment Date: 2013-01-17 00:00:00
Mainfest Document ID: 009640216JJK
Reported Quanity: 15
Unit of Measure: GAL
Kilograms Quanity: 51.0300008
Receiving EPAID: UTD981552177

Waste Sequence Number: 3294289
Sequence Number: 1753473
Shipment Date: 2013-03-15 00:00:00
Mainfest Document ID: 009640254JJK
Reported Quanity: 55
Unit of Measure: GAL
Kilograms Quanity: 187.110003
Receiving EPAID: UTD981552177

Waste Sequence Number: 3294289
Sequence Number: 1753475
Shipment Date: 2013-08-05 00:00:00
Mainfest Document ID: 009640360JJK
Reported Quanity: 55
Unit of Measure: GAL
Kilograms Quanity: 187.110003

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: NED981723513

Waste Sequence Number: 3294289
Sequence Number: 1753474
Shipment Date: 2013-06-05 00:00:00
Mainfest Document ID: 009640320JJK
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: NED981723513

Waste Sequence Number: 3294289
Sequence Number: 1753476
Shipment Date: 2013-10-16 00:00:00
Mainfest Document ID: 009640420JJK
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 145563
Waste Sequence Number: 3294292
Sequence Number: 823909
Received EPAID: NED981723513
Managed Quanity: 150
Kilogram Quanity: 68.0400011
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294292
Sequence Number: 823911
Received EPAID: WAD981769110
Managed Quanity: 800
Kilogram Quanity: 362.880006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3294292
Sequence Number: 823908
Received EPAID: ARD069748192
Managed Quanity: 300
Kilogram Quanity: 136.080002
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294292
Sequence Number: 823910
Received EPAID: TXD055141378
Managed Quanity: 400
Kilogram Quanity: 181.440003
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294289
Sequence Number: 823905
Received EPAID: NED981723513

PROGRESS RAIL SERVICES (Continued) **1000105883**

Managed Quanity: 275
Kilogram Quanity: 935.550016
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294289
Sequence Number: 823906
Received EPAID: UTD981552177
Managed Quanity: 70
Kilogram Quanity: 238.140004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream EPA Code:
CORB Waste Sequence Number: 145563
Waste Sequence Number: 3294292
Sequence Number: 7365788
WCDA Code: D001

Waste Sequence Number: 3294292
Sequence Number: 7365789
WCDA Code: D035

Waste Sequence Number: 3294292
Sequence Number: 7365790
WCDA Code: F003

Waste Sequence Number: 3294292
Sequence Number: 7365791
WCDA Code: F005

Waste Sequence Number: 3294289
Sequence Number: 7365750
WCDA Code: D001

Waste Sequence Number: 3294289
Sequence Number: 7365751
WCDA Code: D035

Waste Sequence Number: 3294289
Sequence Number: 7365752
WCDA Code: F003

Waste Sequence Number: 3294289
Sequence Number: 7365753
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 145563
Waste Sequence Number: 3294289
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3294292
Sequence Number: 1
WCDD Code: G06

PROGRESS RAIL SERVICES (Continued) **1000105883**

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D007, D009, D018, F003, F005
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Stephanie J Gregg
Site Contact Address:	PO Box 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(310)982-0981
Site Contact Email:	sgregg@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W316
Description:	Pellets (Product # Citation CT-8500-T)
CORb Sequence Number:	137536
Sequence Number:	2670046
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	90
Quanity Unit:	LB
Kilograms Quanity:	40.8240007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	137536
Sequence Number:	2670071

PROGRESS RAIL SERVICES (Continued) **1000105883**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	381
Quanity Unit:	GAL
Kilograms Quanity:	1296.16202
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oil, diesel, antifreeze, water mixture
CORb Sequence Number:	137536
Sequence Number:	2670078
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	138
Quanity Unit:	GAL
Kilograms Quanity:	469.476008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oil, diesel, antifreeze, water mixture
CORb Sequence Number:	137536
Sequence Number:	2670085
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	219
Quanity Unit:	GAL
Kilograms Quanity:	745.038012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Engine oil sludge/soil regulated with chromium
CORb Sequence Number:	137536
Sequence Number:	2670055
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags, towels contaminated with paint and thinners
CORb Sequence Number:	137536
Sequence Number:	2670072
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	891
Quanity Unit:	LB
Kilograms Quanity:	404.157606
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oils and antifreeze mixture
CORb Sequence Number:	137536
Sequence Number:	2670079
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	374.220006
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	137536
Waste Sequence Number:	2670079
Sequence Number:	1381783
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	004447445FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	374.220006
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670055
Sequence Number:	1381742
Shipment Date:	2012-08-03 00:00:00
Mainfest Document ID:	004449532FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2670072
Sequence Number:	1381760
Shipment Date:	2012-10-08 00:00:00
Mainfest Document ID:	004445775FLE
Reported Quanity:	424
Unit of Measure:	LB
Kilograms Quanity:	192.326403
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670072
Sequence Number:	1381759
Shipment Date:	2012-08-03 00:00:00
Mainfest Document ID:	004449531FLE
Reported Quanity:	467
Unit of Measure:	LB
Kilograms Quanity:	211.831203
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381756
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	004449982FLE
Reported Quanity:	14
Unit of Measure:	GAL
Kilograms Quanity:	47.6280008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381757
Shipment Date:	2012-08-03 00:00:00
Mainfest Document ID:	004449531FLE
Reported Quanity:	47
Unit of Measure:	GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	159.894002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381758
Shipment Date:	2012-12-05 00:00:00
Mainfest Document ID:	003455739FLE
Reported Quanity:	140
Unit of Measure:	GAL
Kilograms Quanity:	476.280008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381755
Shipment Date:	2012-05-22 00:00:00
Mainfest Document ID:	004449666FLE
Reported Quanity:	180
Unit of Measure:	GAL
Kilograms Quanity:	612.360010
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670078
Sequence Number:	1381775
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	004447445FLE
Reported Quanity:	138
Unit of Measure:	GAL
Kilograms Quanity:	469.476008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670085
Sequence Number:	1381798
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	004447445FLE
Reported Quanity:	219
Unit of Measure:	GAL
Kilograms Quanity:	745.038012
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670046
Sequence Number:	1381679
Shipment Date:	2012-05-22 00:00:00
Mainfest Document ID:	004449667FLE
Reported Quanity:	90
Unit of Measure:	LB
Kilograms Quanity:	40.8240007
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137536
Waste Sequence Number:	2670079
Sequence Number:	669652
Received EPAID:	WAD981769110
Managed Quanity:	110
Kilogram Quanity:	374.220006
Recycled Percentage:	0
Waste Management System Code:	H061

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2670055
Sequence Number: 669638
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2670072
Sequence Number: 669641
Received EPAID: WAD981769110
Managed Quanity: 891
Kilogram Quanity: 404.157606
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2670071
Sequence Number: 669640
Received EPAID: WAD981769110
Managed Quanity: 381
Kilogram Quanity: 1296.16202
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670078
Sequence Number: 669647
Received EPAID: WAD981769110
Managed Quanity: 138
Kilogram Quanity: 469.476008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670085
Sequence Number: 669656
Received EPAID: WAD981769110
Managed Quanity: 219
Kilogram Quanity: 745.038012
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670046
Sequence Number: 669616
Received EPAID: IDD073114654
Managed Quanity: 90
Kilogram Quanity: 40.8240007
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 137536
Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Antifreeze and oil mixture
Waste Sequence Number: 2670078
Sequence Number: 1

Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Antifreeze and oil mixture

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2670079
Sequence Number: 1

Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Oil, diesel, antifreeze, water mixture
Waste Sequence Number: 2670085
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670046
Sequence Number: 5941283
WCDA Code: D001

Waste Sequence Number: 2670071
Sequence Number: 5941085
WCDA Code: D001

Waste Sequence Number: 2670071
Sequence Number: 5941086
WCDA Code: F003

Waste Sequence Number: 2670071
Sequence Number: 5941087
WCDA Code: F005

Waste Sequence Number: 2670085
Sequence Number: 5941277
WCDA Code: D009

Waste Sequence Number: 2670085
Sequence Number: 5941278
WCDA Code: D018

Waste Sequence Number: 2670055
Sequence Number: 5941014
WCDA Code: D007

Waste Sequence Number: 2670072
Sequence Number: 5941297
WCDA Code: D001

Waste Sequence Number: 2670072
Sequence Number: 5941298
WCDA Code: F003

Waste Sequence Number: 2670072
Sequence Number: 5941299
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670071
Sequence Number: 1
WCDD Code: G06

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2670072
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2670046
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	2670055
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	2670078
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2670079
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2670085
Sequence Number:	1
WCDD Code:	G09

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Stephanie J Gregg
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(310)982-0981
Site Contact Email:	sgregg@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001

PROGRESS RAIL SERVICES (Continued) **1000105883**

Description:	Loosepack Paint Related Material
CORb Sequence Number:	131761
Sequence Number:	2645039
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	151
Quanity Unit:	LB
Kilograms Quanity:	68.4936011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DR112
CORb Sequence Number:	131761
Sequence Number:	2645040
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Lab Pack See Inventory Sheet
CORb Sequence Number:	131761
Sequence Number:	2645056
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	GAL
Kilograms Quanity:	71.4420012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Corrosive Acid Lab Pack
CORb Sequence Number:	131761
Sequence Number:	2645057
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.07200015
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	131761
Sequence Number:	2645033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1422
Quanity Unit:	LB
Kilograms Quanity:	645.019211
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Tectyl
CORb Sequence Number:	131761
Sequence Number:	2645035
Mixed Radioactive Flag:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Designation Code:	D
Reported Quanity:	270
Quanity Unit:	LB
Kilograms Quanity:	122.472002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags, towels contaminated with paint and thinners
CORb Sequence Number:	131761
Sequence Number:	2643064
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	92
Quanity Unit:	LB
Kilograms Quanity:	41.7312007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	A C 20 NF
CORb Sequence Number:	131761
Sequence Number:	2645041
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	500
Quanity Unit:	LB
Kilograms Quanity:	226.800003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	131761
Waste Sequence Number:	2645033
Sequence Number:	1299008
Shipment Date:	2011-09-16 00:00:00
Mainfest Document ID:	4448936FLE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	1422
Unit of Measure:	LB
Kilograms Quanity:	645.019211
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645035
Sequence Number:	1299025
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391209FLE
Reported Quanity:	270
Unit of Measure:	LB
Kilograms Quanity:	122.472002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645056
Sequence Number:	1299046
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208FLE
Reported Quanity:	21
Unit of Measure:	GAL
Kilograms Quanity:	71.4420012
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2645039
Sequence Number:	1299027
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391209FLE
Reported Quanity:	151
Unit of Measure:	LB
Kilograms Quanity:	68.4936011
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645040
Sequence Number:	1299032
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2645057
Sequence Number:	1298969
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208FLE
Reported Quanity:	20
Unit of Measure:	LB
Kilograms Quanity:	9.07200015
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2643064
Sequence Number:	1295802
Shipment Date:	2011-08-26 00:00:00
Mainfest Document ID:	004448820FLE
Reported Quanity:	92
Unit of Measure:	LB
Kilograms Quanity:	41.7312007

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2645041
Sequence Number: 1299036
Shipment Date: 2011-10-19 00:00:00
Mainfest Document ID: 4391208
Reported Quanity: 500
Unit of Measure: LB
Kilograms Quanity: 226.800003
Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 131761
Waste Sequence Number: 2643064
Sequence Number: 639081
Received EPAID: WAD981769110
Managed Quanity: 92
Kilogram Quanity: 41.7312007
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2645041
Sequence Number: 641670
Received EPAID: WAD991281767
Managed Quanity: 500
Kilogram Quanity: 226.800003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2645033
Sequence Number: 641646
Received EPAID: WAD981769110
Managed Quanity: 1422
Kilogram Quanity: 645.019211
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 2645035
Sequence Number: 641651
Received EPAID: WAD981769110
Managed Quanity: 270
Kilogram Quanity: 122.472002
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2645056
Sequence Number: 641677
Received EPAID: WAD991281767
Managed Quanity: 21
Kilogram Quanity: 71.4420012
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2645039
Sequence Number: 641658
Received EPAID: WAD981769110
Managed Quanity: 151

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilogram Quanity: 68.4936011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2645040
Sequence Number: 641664
Received EPAID: WAD991281767
Managed Quanity: 200
Kilogram Quanity: 90.7200015
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2645057
Sequence Number: 641625
Received EPAID: WAD991281767
Managed Quanity: 20
Kilogram Quanity: 9.07200015
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 131761
Comments: A-2: Sodium Hydroxide, solid, mixture
Waste Sequence Number: 2645040
Sequence Number: 1

Comments: A-2: Tetrasodium pyrophosphate, sodium metilicate
Waste Sequence Number: 2645041
Sequence Number: 1

Comments: A-2: Waste tetrachloroethylene
Waste Sequence Number: 2645056
Sequence Number: 1

Comments: A-2: Hydrochloric Acid
Waste Sequence Number: 2645057
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 131761
Waste Sequence Number: 2645039
Sequence Number: 5786087
WCDA Code: D001

Waste Sequence Number: 2645039
Sequence Number: 5786088
WCDA Code: D035

Waste Sequence Number: 2645056
Sequence Number: 5786316
WCDA Code: D039

Waste Sequence Number: 2645056
Sequence Number: 5786317
WCDA Code: U210

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2645057
Sequence Number:	5786355
WCDA Code:	D002
Waste Sequence Number:	2643064
Sequence Number:	5785960
WCDA Code:	D001
Waste Sequence Number:	2643064
Sequence Number:	5785961
WCDA Code:	F003
Waste Sequence Number:	2643064
Sequence Number:	5785962
WCDA Code:	F005
Waste Sequence Number:	2645033
Sequence Number:	5785996
WCDA Code:	D001
Waste Sequence Number:	2645033
Sequence Number:	5785997
WCDA Code:	F003
Waste Sequence Number:	2645033
Sequence Number:	5785998
WCDA Code:	F005

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WP03
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate
Off-Specification:	Not reported
LN Address 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Mark Hall
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(256)505-6055
Site Contact Email:	mhall@progressrail.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Corrosive Labpack
CORb Sequence Number:	128770
Sequence Number:	2499730
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	150
Quanity Unit:	LB
Kilograms Quanity:	68.040001170288022
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquid Loosepack
CORb Sequence Number:	128770
Sequence Number:	2499766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	506
Quanity Unit:	LB
Kilograms Quanity:	229.52160394777161
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-RCRA Labpack
CORb Sequence Number:	128770
Sequence Number:	2499759
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.216000468115208
Density Number:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Quanity: Not reported

Shipments Send:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	1165904
Shipment Date:	4/12/2010
Mainfest Document ID:	002267251FLE
Reported Quanity:	150
Unit of Measure:	LB
Kilograms Quanity:	68.040001170288
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2499766
Sequence Number:	1165915
Shipment Date:	4/12/2010
Mainfest Document ID:	002267250FLE
Reported Quanity:	506
Unit of Measure:	LB
Kilograms Quanity:	229.521603947772
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2499759
Sequence Number:	1165912
Shipment Date:	4/12/2010
Mainfest Document ID:	002267251FLE
Reported Quanity:	60
Unit of Measure:	LB
Kilograms Quanity:	27.2160004681152
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	593505
Received EPAID:	IDD073114654
Managed Quanity:	150
Kilogram Quanity:	68.040001170288022
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2499759
Sequence Number:	593513
Received EPAID:	IDD073114654
Managed Quanity:	60
Kilogram Quanity:	27.216000468115208
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2499766
Sequence Number:	593518
Received EPAID:	WAD981769110
Managed Quanity:	506
Kilogram Quanity:	229.52160394777161
Recycled Percentage:	0
Waste Management System Code:	H141

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Stream Comments:

CORB Waste Sequence Number:	128770
Comments:	A-7 Detail - Non-RCRA Labpack Dangerous Waste only
Waste Sequence Number:	2499759
Sequence Number:	1
Comments:	A-7 & A-8 Detail - Waste corrosive liquid
Waste Sequence Number:	2499730
Sequence Number:	1
Comments:	A-7 Detail - Waste Flammable Liquids
Waste Sequence Number:	2499766
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	5459343
WCDA Code:	D002
Waste Sequence Number:	2499766
Sequence Number:	5459403
WCDA Code:	D001
Waste Sequence Number:	2499766
Sequence Number:	5459404
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2499759
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	2499766
Sequence Number:	1
WCDD Code:	G09

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Coast Engine & Equipment Corp
Mailing Address:	4012 SR 509 S Frontage Rd
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Coast Engine & Equipment Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4012 SR 509 S Frontage Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)922-5955
Legal Effective Date:	08/29/1996
Land Organization Name:	Tacoma Port
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Coast Engine & Equipment Corp
Operator Organization Type:	Private
Operator:	Dave Swanson
Operator Address:	4012 SR 509 S. Frontage Rd.
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-3537
Operator Phone Number:	(253)922-5955
Operator Effective Date:	01/01/1997
Site Contact:	Greg Seifert
Site Contact Address:	4012 SR 509 S FRONTAGE RD
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253922-5955
Site Contact Email:	gseifert@ceeco.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	STILLBOTTOMS FROM SPENT PARTS WASHER SOLVENT
CORb Sequence Number:	119478
Sequence Number:	2006981
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	254
Quanity Unit:	GAL
Kilograms Quanity:	864.10801486265791
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS
CORb Sequence Number:	119478
Sequence Number:	2006983
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	9998
Quanity Unit:	LB
Kilograms Quanity:	4535.0928780035974
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	MINERAL SPIRITS W/SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006979
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	883
Quanity Unit:	LB
Kilograms Quanity:	400.52880688909551
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	WASTE PAINTS, SOLVENTS & STILLBOTTOMS
CORb Sequence Number:	119478
Sequence Number:	2006978
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3766
Quanity Unit:	LB
Kilograms Quanity:	1708.2576293820314
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	LABPACK CORROSIVE LIQUID
CORb Sequence Number:	119478
Sequence Number:	2006976
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	LB

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	6.804000117028802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ENGINE COMPARTMENT OILY SLUDGE/DEBRIS
CORb Sequence Number:	119478
Sequence Number:	2006973
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3485
Quanity Unit:	LB
Kilograms Quanity:	1580.7960271896918
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W603
Description:	SLUDGE/GREASE/OIL
CORb Sequence Number:	119478
Sequence Number:	2006974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	LB
Kilograms Quanity:	272.16000468115209
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SANDBLAST GRIT
CORb Sequence Number:	119478
Sequence Number:	2006970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4325
Quanity Unit:	LB
Kilograms Quanity:	1961.8200337433047
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006984
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49058
Quanity Unit:	LB
Kilograms Quanity:	22252.709182746599
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RAINSE WATER FROM OIL WATER SEPARATOR/MART SUMP
CORb Sequence Number:	119478
Sequence Number:	2006971
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13995
Quanity Unit:	LB
Kilograms Quanity:	6348.1321091878726
Density Number:	0
Density Quanity:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART TANK
CORb Sequence Number:	119478
Sequence Number:	2006972
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7485
Quanity Unit:	LB
Kilograms Quanity:	3395.1960583973723
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	119478
Waste Sequence Number:	2006984
Sequence Number:	960810
Shipment Date:	5/22/2009
Mainfest Document ID:	001415184JJK
Reported Quanity:	4564
Unit of Measure:	LB
Kilograms Quanity:	2070.23043560796
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006981
Sequence Number:	960805
Shipment Date:	1/1/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	211
Unit of Measure:	GAL
Kilograms Quanity:	717.822012346539
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006983
Sequence Number:	960808
Shipment Date:	9/9/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	9998
Unit of Measure:	LB
Kilograms Quanity:	4535.0928780036
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006981
Sequence Number:	960804
Shipment Date:	5/12/2009
Mainfest Document ID:	001415097JJK
Reported Quanity:	43
Unit of Measure:	GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	146.286002516119
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006970
Sequence Number:	960786
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	740
Unit of Measure:	LB
Kilograms Quanity:	335.664005773421
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006984
Sequence Number:	960809
Shipment Date:	1/7/2009
Mainfest Document ID:	002266237FLE
Reported Quanity:	4794
Unit of Measure:	LB
Kilograms Quanity:	2174.55843740241
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006984
Sequence Number:	960811
Shipment Date:	8/31/2009
Mainfest Document ID:	002569536FLE
Reported Quanity:	39700
Unit of Measure:	LB
Kilograms Quanity:	18007.9203097362
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006970
Sequence Number:	960785
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	3585
Unit of Measure:	LB
Kilograms Quanity:	1626.15602796988
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006979
Sequence Number:	960802
Shipment Date:	3/6/2009
Mainfest Document ID:	002568876FLE
Reported Quanity:	463
Unit of Measure:	LB
Kilograms Quanity:	210.016803612289
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006979
Sequence Number:	960801
Shipment Date:	2/2/2009
Mainfest Document ID:	002568529FLE
Reported Quanity:	420
Unit of Measure:	LB
Kilograms Quanity:	190.512003276806
Receiving EPAID:	WAD981769110

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2006980
Sequence Number:	960803
Shipment Date:	1/29/2009
Mainfest Document ID:	000269851FLE
Reported Quanity:	486
Unit of Measure:	GAL
Kilograms Quanity:	1653.372028438
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	119478
Waste Sequence Number:	2006979
Sequence Number:	490987
Received EPAID:	WAD981769110
Managed Quanity:	883
Kilogram Quanity:	400.52880688909551
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2006971
Sequence Number:	490994
Received EPAID:	IDD073114654
Managed Quanity:	13995
Kilogram Quanity:	6348.1321091878726
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006972
Sequence Number:	490995
Received EPAID:	IDD073114654
Managed Quanity:	7485
Kilogram Quanity:	3395.1960583973723
Recycled Percentage:	0
Waste Management System Code:	H111
Waste Sequence Number:	2006975
Sequence Number:	490998
Received EPAID:	IDD073114654
Managed Quanity:	60
Kilogram Quanity:	27.216000468115208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006973
Sequence Number:	490996
Received EPAID:	IDD073114654
Managed Quanity:	3485
Kilogram Quanity:	1580.7960271896918
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006974
Sequence Number:	490997
Received EPAID:	IDD073114654
Managed Quanity:	600
Kilogram Quanity:	272.16000468115209
Recycled Percentage:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Management System Code: H132

Waste Sequence Number: 2006970
Sequence Number: 490993
Received EPAID: IDD073114654
Managed Quanity: 4325
Kilogram Quanity: 1961.8200337433047
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006984
Sequence Number: 490992
Received EPAID: ORD089452353
Managed Quanity: 49058
Kilogram Quanity: 22252.709182746599
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006981
Sequence Number: 490989
Received EPAID: WAD981769110
Managed Quanity: 254
Kilogram Quanity: 864.10801486265791
Recycled Percentage: 0
Waste Management System Code: H020

Waste Sequence Number: 2006983
Sequence Number: 490991
Received EPAID: WAD981769110
Managed Quanity: 9998
Kilogram Quanity: 4535.0928780035974
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006976
Sequence Number: 490999
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 6.804000117028802
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 119478
Comments: A-7. SANDBLASTING LOCOMOTIVES A-8. SANDBLAST GRIT W/METALS
Waste Sequence Number: 2006970
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006973
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006974
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006975
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006976
Sequence Number: 1

Comments: A-7. LOCOMOTIVE MAINTENANCE AND REPAIR
Waste Sequence Number: 2006979
Sequence Number: 1

Comments: A-8. DIESEL, SLUDGE, AND WATER
Waste Sequence Number: 2006980
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED PRODUCT
Waste Sequence Number: 2006983
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006971
Sequence Number: 4309378
WCDA Code: D007

Waste Sequence Number: 2006971
Sequence Number: 4309379
WCDA Code: D008

Waste Sequence Number: 2006972
Sequence Number: 4309436
WCDA Code: D008

Waste Sequence Number: 2006975
Sequence Number: 4309443
WCDA Code: D002

Waste Sequence Number: 2006970
Sequence Number: 4309369
WCDA Code: D004

Waste Sequence Number: 2006970
Sequence Number: 4309370
WCDA Code: D007

Waste Sequence Number: 2006970
Sequence Number: 4309371
WCDA Code: D008

Waste Sequence Number: 2006984
Sequence Number: 4309450
WCDA Code: D002

Waste Sequence Number: 2006980
Sequence Number: 4309447
WCDA Code: D018

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006982
Sequence Number: 4309448
WCDA Code: F005

Waste Sequence Number: 2006973
Sequence Number: 4309437
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006970
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006971
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006972
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006973
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006974
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006975
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006976
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006978
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2006979
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006980
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2006981
Sequence Number: 1
WCDD Code: G13

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Mark Hall
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(256)505-6055

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Email:	mhall@progressrail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	STILLBOTTOMS FROM SPENT PARTS WASHER SOLVENT
CORb Sequence Number:	119478
Sequence Number:	2006981
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	254
Quanity Unit:	GAL
Kilograms Quanity:	864.10801486265791
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS
CORb Sequence Number:	119478
Sequence Number:	2006983
Mixed Radioactive Flag:	False
Designation Code:	D

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	9998
Quanity Unit:	LB
Kilograms Quanity:	4535.0928780035974
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	MINERAL SPIRITS W/SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006979
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	883
Quanity Unit:	LB
Kilograms Quanity:	400.52880688909551
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	WASTE PAINTS, SOLVENTS & STILLBOTTOMS
CORb Sequence Number:	119478
Sequence Number:	2006978
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3766
Quanity Unit:	LB
Kilograms Quanity:	1708.2576293820314
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	LABPACK CORROSIVE LIQUID
CORb Sequence Number:	119478
Sequence Number:	2006976
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	LB
Kilograms Quanity:	6.804000117028802
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ENGINE COMPARTMENT OILY SLUDGE/DEBRIS
CORb Sequence Number:	119478
Sequence Number:	2006973
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3485
Quanity Unit:	LB
Kilograms Quanity:	1580.7960271896918
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W603
Description:	SLUDGE/GREASE/OIL
CORb Sequence Number:	119478
Sequence Number:	2006974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	LB
Kilograms Quanity:	272.16000468115209
Density Number:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SANDBLAST GRIT
CORb Sequence Number:	119478
Sequence Number:	2006970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4325
Quanity Unit:	LB
Kilograms Quanity:	1961.8200337433047
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006984
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49058
Quanity Unit:	LB
Kilograms Quanity:	22252.709182746599
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113

PROGRESS RAIL SERVICES (Continued) **1000105883**

Description:	RAINSE WATER FROM OIL WATER SEPARATOR/MART SUMP
CORb Sequence Number:	119478
Sequence Number:	2006971
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13995
Quanity Unit:	LB
Kilograms Quanity:	6348.1321091878726
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART TANK
CORb Sequence Number:	119478
Sequence Number:	2006972
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7485
Quanity Unit:	LB
Kilograms Quanity:	3395.1960583973723
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	119478
Waste Sequence Number:	2006984
Sequence Number:	960810
Shipment Date:	5/22/2009
Mainfest Document ID:	001415184JJK
Reported Quanity:	4564
Unit of Measure:	LB
Kilograms Quanity:	2070.23043560796
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006981
Sequence Number:	960805
Shipment Date:	1/1/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	211
Unit of Measure:	GAL
Kilograms Quanity:	717.822012346539
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006983
Sequence Number:	960808
Shipment Date:	9/9/2009
Mainfest Document ID:	002569584FLE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	9998
Unit of Measure:	LB
Kilograms Quanity:	4535.0928780036
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006981
Sequence Number:	960804
Shipment Date:	5/12/2009
Mainfest Document ID:	001415097JJK
Reported Quanity:	43
Unit of Measure:	GAL
Kilograms Quanity:	146.286002516119
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006970
Sequence Number:	960786
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	740
Unit of Measure:	LB
Kilograms Quanity:	335.664005773421
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006984
Sequence Number:	960809
Shipment Date:	1/7/2009
Mainfest Document ID:	002266237FLE
Reported Quanity:	4794
Unit of Measure:	LB
Kilograms Quanity:	2174.55843740241
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006984
Sequence Number:	960811
Shipment Date:	8/31/2009
Mainfest Document ID:	002569536FLE
Reported Quanity:	39700
Unit of Measure:	LB
Kilograms Quanity:	18007.9203097362
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006970
Sequence Number:	960785
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	3585
Unit of Measure:	LB
Kilograms Quanity:	1626.15602796988
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006979
Sequence Number:	960802
Shipment Date:	3/6/2009
Mainfest Document ID:	002568876FLE
Reported Quanity:	463
Unit of Measure:	LB
Kilograms Quanity:	210.016803612289

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2006979
Sequence Number: 960801
Shipment Date: 2/2/2009
Mainfest Document ID: 002568529FLE
Reported Quanity: 420
Unit of Measure: LB
Kilograms Quanity: 190.512003276806
Receiving EPAID: WAD981769110

Waste Sequence Number: 2006980
Sequence Number: 960803
Shipment Date: 1/29/2009
Mainfest Document ID: 000269851FLE
Reported Quanity: 486
Unit of Measure: GAL
Kilograms Quanity: 1653.372028438
Receiving EPAID: WAD981769110

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 119478
Waste Sequence Number: 2006979
Sequence Number: 490987
Received EPAID: WAD981769110
Managed Quanity: 883
Kilogram Quanity: 400.52880688909551
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006971
Sequence Number: 490994
Received EPAID: IDD073114654
Managed Quanity: 13995
Kilogram Quanity: 6348.1321091878726
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006972
Sequence Number: 490995
Received EPAID: IDD073114654
Managed Quanity: 7485
Kilogram Quanity: 3395.1960583973723
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006975
Sequence Number: 490998
Received EPAID: IDD073114654
Managed Quanity: 60
Kilogram Quanity: 27.216000468115208
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006973
Sequence Number: 490996
Received EPAID: IDD073114654

PROGRESS RAIL SERVICES (Continued) **1000105883**

Managed Quanity: 3485
Kilogram Quanity: 1580.7960271896918
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006974
Sequence Number: 490997
Received EPAID: IDD073114654
Managed Quanity: 600
Kilogram Quanity: 272.16000468115209
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006970
Sequence Number: 490993
Received EPAID: IDD073114654
Managed Quanity: 4325
Kilogram Quanity: 1961.8200337433047
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006984
Sequence Number: 490992
Received EPAID: ORD089452353
Managed Quanity: 49058
Kilogram Quanity: 22252.709182746599
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006981
Sequence Number: 490989
Received EPAID: WAD981769110
Managed Quanity: 254
Kilogram Quanity: 864.10801486265791
Recycled Percentage: 0
Waste Management System Code: H020

Waste Sequence Number: 2006983
Sequence Number: 490991
Received EPAID: WAD981769110
Managed Quanity: 9998
Kilogram Quanity: 4535.0928780035974
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006976
Sequence Number: 490999
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 6.804000117028802
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 119478
Comments: A-7. SANDBLASTING LOCOMOTIVES A-8. SANDBLAST GRIT W/METALS
Waste Sequence Number: 2006970

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006973
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006974
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006975
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006976
Sequence Number: 1

Comments: A-7. LOCOMOTIVE MAINTENANCE AND REPAIR
Waste Sequence Number: 2006979
Sequence Number: 1

Comments: A-8. DIESEL, SLUDGE, AND WATER
Waste Sequence Number: 2006980
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED PRODUCT
Waste Sequence Number: 2006983
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006971
Sequence Number: 4309378
WCDA Code: D007

Waste Sequence Number: 2006971
Sequence Number: 4309379
WCDA Code: D008

Waste Sequence Number: 2006972
Sequence Number: 4309436
WCDA Code: D008

Waste Sequence Number: 2006975
Sequence Number: 4309443
WCDA Code: D002

Waste Sequence Number: 2006970
Sequence Number: 4309369
WCDA Code: D004

Waste Sequence Number: 2006970
Sequence Number: 4309370
WCDA Code: D007

Waste Sequence Number: 2006970

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 4309371
WCDA Code: D008

Waste Sequence Number: 2006984
Sequence Number: 4309450
WCDA Code: D002

Waste Sequence Number: 2006980
Sequence Number: 4309447
WCDA Code: D018

Waste Sequence Number: 2006982
Sequence Number: 4309448
WCDA Code: F005

Waste Sequence Number: 2006973
Sequence Number: 4309437
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006970
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006971
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006972
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006973
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006974
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006975
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006976
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006978
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2006979
Sequence Number: 1
WCDD Code: G09

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2006980
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2006981
Sequence Number:	1
WCDD Code:	G13

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	PROGRESS RAIL SERVICES TACOMA
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24636186
Longitude:	-122.374981
Permit ID:	WAR000035
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AD105 **FEDERAL EXPRESS CORP TACOMA** **WA ALLSITES** **1000214209**
SW **3600 INDUSTRY DR E** **RCRA NonGen / NLR** **WAD988474748**
1/4-1/2 **TACOMA, WA 98424** **FINDS**
0.484 mi. **ECHO**
2553 ft. **Site 1 of 2 in cluster AD**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	FEDERAL EXPRESS CORP TACOMA
Facility Id:	88389433

RCRA Listings:

Date Form Received by Agency:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Handler Address:	3600 INDUSTRY DR E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988474748
Contact Name:	FEDERAL EXPRESS FEDERAL EXPRESS
Contact Address:	3600 INDUSTRY DR E
Contact City,State,Zip:	TACOMA, WA 98424-1806
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3600 INDUSTRY DR E
Mailing City,State,Zip:	TACOMA, WA 98424-1806
Owner Name:	FEDERAL EXPRESS F
Owner Type:	Private
Operator Name:	FEDERAL EXPRESS F
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDERAL EXPRESS F
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600A INDUSTRY DR.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS CORP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS F
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1806
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS CORP TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDERAL EXPRESS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600A INDUSTRY DR.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

FINDS:
Registry ID: 110005353857

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000214209
Registry ID:	110005353857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005353857
Name:	FEDERAL EXPRESS CORP TACOMA
Address:	3600 INDUSTRY DR E
City,State,Zip:	TACOMA, WA 98424

AD106 **COGDALL CONSTRUCTION DBA CONTRACT FURNIS** **WA ALLSITES** **S116753698**
SW **3600 E INDUSTRY DR EAST** **WA MANIFEST** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.484 mi.
2553 ft. **Site 2 of 2 in cluster AD**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Facility Id:	6656

WA MANIFEST:

Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Address:	3600 E INDUSTRY DR EAST
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	6656
EPA ID:	WAH000047065
NAICS:	424990
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D002
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **S116753698**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600567820
Business Type:	Floorcovering sales
Mail Name:	Contract Furnishings Mart
Mailing Address:	14160 SW 72nd Ave
Mailing City,State,Zip:	Tigard, OR 97224
Legal Organization Name:	Cogdall Construction dba Contract Furnis
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	14160 SW 72nd Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Tigard, OR 97224
Legal Phone Number:	503-542-8901
Legal Effective Date:	01/01/1981
Land Organization Name:	Prologis
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	12720 Gateway Dr Ste 110
Land City,State,Zip:	Tukwila, WA 98168
Land Phone Number:	206-414-7615
Operator Organization Name:	Contract Furnishings Mart
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	14160 SW 72nd Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tigard, OR 97224
Operator Phone Number:	503-542-8901
Operator Effective Date:	01/01/1997
Site Contact:	Lynne Hill
Site Contact Address:	3600 E Industry Dr East
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	888-661-1250
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **S116753698**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Spilled battery acid.
CORb Sequence Number:	147687
Sequence Number:	3302920
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	0.22
Quanity Unit:	ST
Kilograms Quanity:	199.584003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	1790226
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	012247039JJK
Reported Quanity:	0.22
Unit of Measure:	ST
Kilograms Quanity:	199.584003
Receiving EPAID:	ORD089452353

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	834361
Received EPAID:	ORD089452353
Managed Quanity:	0.22
Kilogram Quanity:	199.584003
Recycled Percentage:	0
Waste Management System Code:	H121

Waste Stream EPA Code:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	7411954
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	1
WCDD Code:	G32

AE107	**TOPPING VOLVO**	**RCRA-VSQG**	**1004793856**
ESE	**5111 20TH ST E**	**WA CSCSL**	**WAD982654550**
1/4-1/2	**TACOMA, WA 98424**	**WA LUST**	
0.485 mi.		**WA UST**	
2563 ft.	**Site 1 of 3 in cluster AE**	**WA ALLSITES**	

Relative:
Higher

Actual:
16 ft.

RCRA Listings:

Date Form Received by Agency:	2001-03-09 00:00:00.0
Handler Name:	TOPPING VOLVO
Handler Address:	5111 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD982654550
Contact Name:	MIKE JOHNSON
Contact Address:	5111 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-5505
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	5111 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	TOPPING VOLVO
Owner Type:	Private
Operator Name:	SEARLE, CHUCK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private

TOPPING VOLVO (Continued) **1004793856**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING, BRAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	2001-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1910
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEARLE, CHUCK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-5505
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PETE LOVELY VOLKSWAGEN INC
Legal Status: Private
Date Became Current: 1996-05-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING, BRAD
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-5505
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEARLE, CHUCK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-5505
Owner/Operator Telephone Ext: Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PETE LOVELY VOLKSWAGEN INC
Legal Status: Private
Date Became Current: 1996-05-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEARLE, CHUCK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-5505
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SEARLE, CHUCK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	1996-06-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private

TOPPING VOLVO (Continued) **1004793856**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-20 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TOPPING VOLVO (Continued) **1004793856**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-11 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-04-19 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	TOPPING VOLVO

TOPPING VOLVO (Continued) **1004793856**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-31 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-10 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-05 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-26 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-09 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CSCSL:

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Region:	Southwest
Lat/Long:	47.23919 / -122.36064
Clean Up Siteid:	8409
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo

TOPPING VOLVO (Continued) **1004793856**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN

TOPPING VOLVO (Continued) **1004793856**

Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013
Region: Southwest

TOPPING VOLVO (Continued) **1004793856**

Lust ID:	2198
UST ID:	4183
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Petroleum-Other
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Lat/Long: 47.23919 / -122.36064

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2198
UST ID: 4183
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23919 / -122.36064

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2198
UST ID: 4183
Contaminant Name: Benzene
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23919 / -122.36064

UST:
Name: PETE LOVELY VOLKSWAGEN INC
Address: 5111 20TH ST E
City: TACOMA
Zip: 98424
Facility ID: 24191258
Site Id: 4183

TOPPING VOLVO (Continued) **1004793856**

UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23919
Decimal Longitude:	-122.36064

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping

TOPPING VOLVO (Continued) **1004793856**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: PETE LOVELY VOLKSWAGEN INC
Address: 5111 20TH ST E
City: TACOMA
Zip: 98424

Tank Name: 3
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Above Ground Piping
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: PETE LOVELY VOLKSWAGEN INC
Address: 5111 20TH ST E
City: TACOMA
Zip: 98424

Tank Name: 4
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported

TOPPING VOLVO (Continued) **1004793856**

Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Above Ground Piping
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: TOPPING VOLVO
Facility Id: 24191258

AE108 **TOPPING VOLVO NISSAN** **WA VCP** **S124433374**
ESE **5111 20TH ST E** **N/A**
1/4-1/2 **TACOMA, WA 98424**
0.485 mi.
2563 ft. **Site 2 of 3 in cluster AE**

Relative:
Higher

Actual:
16 ft.

VCP:
Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 24191258
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 8409
Contaminant Name: Benzene
Soil: Not reported

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 24191258
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported

TOPPING VOLVO NISSAN (Continued) **S124433374**

Cleanup Siteid: 8409
Contaminant Name: Lead
Soil: Not reported

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 24191258
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 8409
Contaminant Name: Other Non-Halogenated Organics
Soil: Not reported

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 24191258
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 8409
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 24191258
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 8409
Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

AE109 **TOPPING VOLVO/NISSAN** **WA ICR** **1000347739**
ESE **5111 20TH ST. E.** **WA ASBESTOS** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.485 mi.
2563 ft. **Site 3 of 3 in cluster AE**

Relative:
Higher

Actual:
16 ft.

ICR:

Date Ecology Received Report:	09/02/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-33
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	05/12/93
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-52
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/30/93
Contaminants Found at Site:	Metals, Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-09
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ASBESTOS:

Name:	Not reported
Address:	5111 20TH ST E
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	132745#1227452585
Notice Date:	02/15/2019
Start Date:	10/29/2018
Completion Date:	02/22/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported

TOPPING VOLVO/NISSAN (Continued) **1000347739**

Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	ASCENDENT LLC (PACIFIC) (ABCN00001499)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported

TOPPING VOLVO/NISSAN (Continued) **1000347739**

HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602142311
Notice type:	Initial
Project Type:	Other linear footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Octavio Huizar (2019034322A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	5111 20TH ST E
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	132745#1227452585
Notice Date:	10/18/2018
Start Date:	10/29/2018
Completion Date:	11/02/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	ASCENDENT LLC (PACIFIC) (ABCN00001499)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported

TOPPING VOLVO/NISSAN (Continued) **1000347739**

Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported

TOPPING VOLVO/NISSAN (Continued) **1000347739**

Submitter IP Address: Not reported
Region: 3
UBI: 602142311
Notice type: Initial
Project Type: Other linear footage, Roofing, Vinyl Asbestos Tile
Supervisor: Octavio Huizar (2019034322A)
Supervisor Phone: Not reported
Certificate Status: ACTIVE

---

110 ESE 1/4-1/2 0.488 mi. 2575 ft.

COOPER TIRE & RUBBER CO FIFE
4200 D INDUSTRY DR
FIFE, WA 98424

WA ALLSITES FINDS **1007063617 N/A**

Relative: Higher
Actual: 15 ft.

ALLSITES:
Name: COOPER TIRE & RUBBER CO FIFE
Facility Id: 88249364

FINDS:
Registry ID: 110015401643

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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111 ENE 1/4-1/2 0.490 mi. 2588 ft.

UPS PORT OF TACOMA
5200 12TH ST E BLDG B
TACOMA, WA 98424

WA ALLSITES **S120845726 N/A**

Relative: Lower
Actual: 13 ft.

ALLSITES:
Name: UPS PORT OF TACOMA
Facility Id: 12219

AF112 East 1/4-1/2 0.491 mi. 2591 ft.

PICKUP TRUCK DRUG LAB
5209 PACIFIC HWY E POLICE DEPT
FIFE, WA 98424

Site 1 of 2 in cluster AF

WA ALLSITES RCRA NonGen / NLR FINDS ECHO **1001490435 WAD981772643**

Relative: Lower
Actual: 13 ft.

ALLSITES:
Name: PICKUP TRUCK DRUG LAB
Facility Id: 58454113

PICKUP TRUCK DRUG LAB (Continued) **1001490435**

RCRA Listings:

Date Form Received by Agency:	1995-04-12 00:00:00.0
Handler Name:	PICKUP TRUCK DRUG LAB
Handler Address:	5209 PACIFIC HWY E POLICE DEPT
Handler City,State,Zip:	FIFE, WA 98424-2681
EPA ID:	WAD981772643
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504-7775
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504-7775
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	DAVE R
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

PICKUP TRUCK DRUG LAB (Continued) **1001490435**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:19:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVE R
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504-7775
Owner/Operator Telephone:	360-586-5423
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROWGOSKI, DAVE
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-5423
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.

PICKUP TRUCK DRUG LAB (Continued) **1001490435**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504-7775
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKUP TRUCK DRUG LAB
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5209 PACIFIC HWY E POLICE DEPT
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5209 PACIFIC HWY E POLICE DEPT
Owner/Operator City,State,Zip:	FIFE, WA 98424-2681
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504-7775
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKUP TRUCK DRUG LAB (Continued) **1001490435**

Historic Generators:

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	PICKUP TRUCK DRUG LAB
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	PICKUP TRUCK DRUG LAB
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	PICKUP TRUCK DRUG LAB
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005344154

PICKUP TRUCK DRUG LAB (Continued) **1001490435**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490435
Registry ID:	110005344154
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005344154
Name:	PICKUP TRUCK DRUG LAB
Address:	5209 PACIFIC HWY E POLICE DEPT
City,State,Zip:	FIFE, WA 98424

AF113 **CAC INC** **WA CSCSL** **U003354731**
East **5018 PAC HWY E** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98424** **WA UST**
0.492 mi. **WA ALLSITES**
2597 ft. **Site 2 of 2 in cluster AF**

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	20365296
Region:	Southwest
Lat/Long:	47.24386 / -122.36148
Clean Up Siteid:	5667
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

CAC INC (Continued) **U003354731**

Name: TACO BELL CHEVRON 97376
Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 20365296
Region: Southwest
Lat/Long: 47.24386 / -122.36148
Clean Up Siteid: 5667
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACO BELL CHEVRON 97376
Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 20365296
Region: Southwest
Lat/Long: 47.24386 / -122.36148
Clean Up Siteid: 5667
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: TACO BELL CHEVRON 97376
Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 20365296
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 5667
Cleanup Unit Type: Upland
Process Type: Independent Action

CAC INC (Continued) **U003354731**

Cleanup Unit Name:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Response Section:	Southwest
Release Date:	04/04/1991
Lust Date:	04/05/1991
Region:	Southwest
Lust ID:	1756
UST ID:	5234
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24386 / -122.36148

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	20365296
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	5667
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Response Section:	Southwest
Release Date:	04/04/1991
Lust Date:	04/05/1991
Region:	Southwest
Lust ID:	1756
UST ID:	5234
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24386 / -122.36148

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	20365296
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	5667
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Response Section:	Southwest
Release Date:	04/04/1991

CAC INC (Continued) **U003354731**

Lust Date:	04/05/1991
Region:	Southwest
Lust ID:	1756
UST ID:	5234
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24386 / -122.36148

UST:

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	20365296
Site Id:	5234
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24386
Decimal Longitude:	-122.36148

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424

CAC INC (Continued) **U003354731**

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/10/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

CAC INC (Continued) **U003354731**

Dispencer/Pump SFC Type:	Not reported
Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

CAC INC (Continued) **U003354731**

Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TACO BELL FORMER CHEVRON 97376
Facility Id:	20365296

114
ESE
1/4-1/2
0.493 mi.
2604 ft.

INDUSTRIAL RUBBER & SUPPLY
2105 51ST AVE E
FIFE, WA 98424

WA ALLSITES **1005418918**
RCRA NonGen / NLR **WAH000014340**
FINDS
ECHO

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	INDUSTRIAL RUBBER & SUPPLY
Facility Id:	74875398

RCRA Listings:

Date Form Received by Agency:	2005-02-18 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Handler Address:	2105 51ST AVE E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000014340
Contact Name:	SHANE HENDRIX
Contact Address:	2105 E 51ST AVE E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-1148
Contact Fax:	Not reported
Contact Email:	SHENDRIX@IRFOAM.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2105 51ST AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	INDUSTRIAL RUBBER SUPPLY
Owner Type:	Private
Operator Name:	INDUSTRIAL RUBBER SUPPLY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:15:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SCOTT S
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER & SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER & SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER & SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHANE H
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 CHRISTENSEN RD #225
Owner/Operator City,State,Zip:	SEATTLE, WA 98188
Owner/Operator Telephone:	206-244-9292
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY
Legal Status:	Private
Date Became Current:	2001-03-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 E 51ST AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-1148
Owner/Operator Telephone Ext:	Not reported

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-02-17 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-17 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-18 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-05 00:00:00.0

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-30 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-13 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-17 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	326299
NAICS Description:	ALL OTHER RUBBER PRODUCT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALCW

INDUSTRIAL RUBBER & SUPPLY (Continued) **1005418918**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110012223218

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005418918
Registry ID:	110012223218
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012223218
Name:	INDUSTRIAL RUBBER & SUPPLY
Address:	2105 51ST AVE E
City,State,Zip:	FIFE, WA 98424

AG115 **FEDEX FREIGHT WEST FIFE** **WA VCP** **S124433853**
SE **2150 48TH AVE CT E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.498 mi.
2630 ft. **Site 1 of 2 in cluster AG**

Relative:
Higher

Actual:
19 ft.

VCP:

Name:	FEDEX FREIGHT WEST FIFE
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3263179
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported

FEDEX FREIGHT WEST FIFE (Continued) **S124433853**

NFA Type:	Not reported
Date NFA:	2009-11-09
Rank:	Not reported
Cleanup Siteid:	2526
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

Name:	FEDEX FREIGHT WEST FIFE
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3263179
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-11-09
Rank:	Not reported
Cleanup Siteid:	2526
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Soil:	Suspected

AG116 **GREENWOOD MOTORLINES DBA R&L CARRIERS** **RCRA-SQG** **1001126058**
SE **2150 48TH AVE CT E** **WA ALLSITES** **WAR000011411**
1/4-1/2 **FIFE, WA 98424** **WA CSCSL NFA**
0.498 mi. **WA MANIFEST**
2630 ft. **Site 2 of 2 in cluster AG** **WA NPDES**

Relative:
Higher

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-02-03 00:00:00.0
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Handler Address:	2150 48TH AVE CT E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAR000011411
Contact Name:	TINA BREEZLEY
Contact Address:	600 GILLAM RD
Contact City,State,Zip:	WILMINGTON, OH 45177
Contact Telephone:	937-382-1494
Contact Fax:	Not reported
Contact Email:	TBREEZLEY@RLCARRIERS.COM
Contact Title:	COMPLIANCE MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	600 GILLAM RD
Mailing City,State,Zip:	WILMINGTON, OH 45177
Owner Name:	RLI INVESTMENTS
Owner Type:	Private
Operator Name:	GREENWOOD MOTORLINES DBA R L CARRIERS

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-27 11:03:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: FEDEX FREIGHT WEST
Legal Status: Private
Date Became Current: 1996-12-11 00:00:00.

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD #2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD #2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT W F
Legal Status:	Private
Date Became Current:	2003-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD #2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GREENWOOD MOTORLINES DBA R L CARRIERS
Legal Status:	Private
Date Became Current:	2008-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RLI INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD #2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	1996-12-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GREENWOOD MOTORLINES DBA R L CARRIERS
Legal Status:	Private
Date Became Current:	2008-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST FIFE
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST FIFE
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RLI INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GREENWOOD MOTORLINES DBA R L CARRIERS
Legal Status:	Private
Date Became Current:	2012-01-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT W F
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RLI INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Owner/Operator Name:	GREENWOOD MOTORLINES DBA R L CARRIERS
Legal Status:	Private
Date Became Current:	2008-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST FIFE
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST FIFE
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GREENWOOD MOTORLINES DBA R L CARRIERS
Legal Status:	Private
Date Became Current:	2008-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RLI INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RLI INVESTMENTS
Legal Status:	Private
Date Became Current:	2008-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST FIFE
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	1996-12-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	1996-12-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX FREIGHT WEST FIFE
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	408-323-4561
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RLI INVESTMENTS
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 GILLAM RD
Owner/Operator City,State,Zip:	WILMINGTON, OH 45177
Owner/Operator Telephone:	937-382-1494
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDEX FREIGHT WEST
Legal Status:	Private
Date Became Current:	2003-03-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6411 GUADALUPE MINES RD 2185
Owner/Operator City,State,Zip:	SAN JOSE, CA 95120
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Historic Generators:

Receive Date:	2003-03-27 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-16 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-17 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-27 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-27 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-22 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-18 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-27 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-23 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-17 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-20 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-02 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-16 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-06-23 00:00:00.0

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-30 00:00:00.0
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-09-12 00:00:00.0
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-16 00:00:00.0
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-03 00:00:00.0
Handler Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	FEDEX FREIGHT WEST FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	484122
NAICS Description:	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, LESS THAN TRUCKLOAD

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-02-20 00:00:00.0
Actual Return to Compliance Date:	2003-03-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-03-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-03-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-02-20 00:00:00.0
Actual Return to Compliance Date:	2003-03-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-03-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-03-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-02-20 00:00:00.0
Actual Return to Compliance Date:	2003-03-27 00:00:00.0

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-03-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-03-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1997-08-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-02-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-03-27 00:00:00.0
Scheduled Compliance Date:	2003-03-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-02-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-03-27 00:00:00.0
Scheduled Compliance Date:	2003-03-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-02-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-03-27 00:00:00.0
Scheduled Compliance Date:	2003-03-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	FEDEX FREIGHT WEST FIFE
Facility Id:	3263179

CSCSL NFA:

Name:	FEDEX FREIGHT WEST FIFE
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	3263179
CS Id:	2526
NFA Date:	11/09/2009
Alternate Site Names:	FEDEX FREIGHT WEST,VIKING FREIGHT INC TACOMA
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239622
Longitude:	-122.365473
Name:	FEDEX FREIGHT WEST FIFE

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	3263179
CS Id:	2526
NFA Date:	11/09/2009
Alternate Site Names:	FEDEX FREIGHT WEST,VIKING FREIGHT INC TACOMA
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239622
Longitude:	-122.365473

WA MANIFEST:

Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	3263179
EPA ID:	WAR000011411
NAICS:	484122
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D003,D008,D018,D035,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602841881
Business Type:	LTL Trucking Company
Mail Name:	Not reported
Mailing Address:	600 Gillam Rd
Mailing City,State,Zip:	Wilmington, OH 45177
Legal Organization Name:	RLI Investments
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 Gillam Rd

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Legal Address 2:	Not reported
Legal City,State,Zip:	Wilmington, OH 45177
Legal Phone Number:	937-382-1494
Legal Effective Date:	07/02/2008
Land Organization Name:	RLI Investments
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 Gillam Rd
Land City,State,Zip:	Wilmington, OH 45177
Land Phone Number:	937-382-1494
Operator Organization Name:	Greenwood Motorlines dba R&L Carriers
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	600 Gillam Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Wilmington, OH 45177
Operator Phone Number:	937-382-1494
Operator Effective Date:	01/27/2012
Site Contact:	Mike Ramos
Site Contact Address:	2150 48th Ave Ct E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-863-0443
Site Contact Email:	lbreezley@rlcarries.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SODIUM HYDROXIDE
CORb Sequence Number:	165179
Sequence Number:	3494936
Mixed Radioactive Flag:	False
Designation Code:	D

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165179
Waste Sequence Number:	3494936
Sequence Number:	2101423
Shipment Date:	2017-07-20 00:00:00
Mainfest Document ID:	012247661JJK
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	ORD089452353

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165179
Waste Sequence Number:	3494936
Sequence Number:	957774
Received EPAID:	ORD089452353
Managed Quanity:	200
Kilogram Quanity:	90.7200015
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	165179
Comments:	A-8 CLEAN UP MATERIAL CONTAINING SODIUM HYDROXIDE
Waste Sequence Number:	3494936
Sequence Number:	1

Waste Stream Source Code:

CORB Waste Sequence Number:	165179
Waste Sequence Number:	3494936
Sequence Number:	1
WCDD Code:	G32

Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	3263179
EPA ID:	WAR000011411
NAICS:	484122
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D003,D008,D018,D035,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602841881
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	600 Gillam Rd
Mailing City,State,Zip:	Wilmington, OH 45177
Legal Organization Name:	RLI Investments
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 Gillam Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Wilmington, OH 45177
Legal Phone Number:	(937)382-1494
Legal Effective Date:	07/02/2008
Land Organization Name:	RLI Investments
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 Gillam Rd
Land City,State,Zip:	Wilmington, OH 45177
Land Phone Number:	(937)382-1494
Operator Organization Name:	Greenwood Motorlines dba R&L Carriers
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	600 Gillam Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Wilmington, OH 45177
Operator Phone Number:	(937)382-1494
Operator Effective Date:	01/27/2012
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SODIUM HYDROXIDE
CORb Sequence Number:	165179
Sequence Number:	3494936
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165179
Waste Sequence Number:	3494936
Sequence Number:	2101423
Shipment Date:	2017-07-20 00:00:00
Mainfest Document ID:	012247661JJK
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	ORD089452353

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165179
Waste Sequence Number:	3494936
Sequence Number:	957774
Received EPAID:	ORD089452353
Managed Quanity:	200
Kilogram Quanity:	90.7200015
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	165179
Comments:	A-8 CLEAN UP MATERIAL CONTAINING SODIUM HYDROXIDE
Waste Sequence Number:	3494936
Sequence Number:	1

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Waste Stream Source Code:

CORB Waste Sequence Number:	165179
Waste Sequence Number:	3494936
Sequence Number:	1
WCDD Code:	G32

Name:	GREENWOOD MOTORLINES DBA R&L CARRIERS
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	3263179
EPA ID:	WAR000011411
NAICS:	484122
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D003,D008,D018,D035,F003,F005
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602841881
Business Type:	LTL Trucking Company
Mail Name:	Not reported
Mailing Address:	600 Gillam Rd
Mailing City,State,Zip:	Wilmington, OH 45177
Legal Organization Name:	RLI Investments
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 Gillam Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Wilmington, OH 45177
Legal Phone Number:	937-382-1494
Legal Effective Date:	07/02/2008
Land Organization Name:	RLI Investments
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 Gillam Rd
Land City,State,Zip:	Wilmington, OH 45177
Land Phone Number:	937-382-1494
Operator Organization Name:	Greenwood Motorlines dba R&L Carriers
Operator Organization Type:	Private
Operator:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Operator Address:	600 Gillam Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Wilmington, OH 45177
Operator Phone Number:	937-382-1494
Operator Effective Date:	01/27/2012
Site Contact:	Mike Ramos
Site Contact Address:	2150 48th Ave Ct E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-863-0443
Site Contact Email:	lbreezley@rlcarries.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		FEDEX FREIGHT WEST FIFE
Address:		2150 48TH AVE CT E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		3263179
EPA ID:		WAR000011411
NAICS:		484122
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		Not reported
Permit by Rule:		No
Mailing Address 2:		Not reported
Treatment by Generator:		No
Mixed Radioactive Waste:		No
Importer of Hazardous Waste:		No
Immediate Recycler:		No
Treatment/Storage/Disposal/Recycling Facility:		No
Generator of Dangerous Fuel Waste:		No
Generator Marketing to Burner:		No
Other Marketers (i.e., blender, distributor, etc.):		No
Utility Boiler Burner:		No
Industry Boiler Burner:		No
Industrial Furnace:		No
Smelter Defferal:		No
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600497822

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Business Type:	Not reported
Mail Name:	FedEx Freight West
Mailing Address:	6411 GUADALUPE MINES RD 2185
Mailing City,State,Zip:	SAN JOSE, CA 95120
Legal Organization Name:	FedEx Freight West
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6411 GUADALUPE MINES RD 2185
Legal Address 2:	Not reported
Legal City,State,Zip:	SAN JOSE, CA 95120
Legal Phone Number:	408323-4561
Legal Effective Date:	03/20/2003
Land Organization Name:	FedEx Freight West
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 GUADALUPE MINES RD 2185
Land City,State,Zip:	SAN JOSE, CA 95120
Land Phone Number:	(408)323-4561
Operator Organization Name:	FedEx Freight West
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Guadalupe Mines Rd #2185
Operator Address 2:	Not reported
Operator City,State,Zip:	San Jose, CA 95120
Operator Phone Number:	408-323-4561
Operator Effective Date:	04/14/2003
Site Contact:	Chong Lee
Site Contact Address:	6411 GUADALUPE MINES RD STE 2185
Contact City,State,Zip:	SAN JOSE, CA 95120
Site Contact Phone Number:	(408)323-4561
Site Contact Email:	chong.lee@fedex.com
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	FEDEX FREIGHT WEST FIFE
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	3263179
EPA ID:	WAR000011411
NAICS:	484122
State Waste Code Desc:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600497822
Business Type:	Not reported
Mail Name:	FedEx Freight West
Mailing Address:	6411 GUADALUPE MINES RD 2185
Mailing City,State,Zip:	SAN JOSE, CA 95120
Legal Organization Name:	FedEx Freight West
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6411 GUADALUPE MINES RD 2185
Legal Address 2:	Not reported
Legal City,State,Zip:	SAN JOSE, CA 95120
Legal Phone Number:	408323-4561
Legal Effective Date:	03/20/2003
Land Organization Name:	FedEx Freight West
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6411 GUADALUPE MINES RD 2185
Land City,State,Zip:	SAN JOSE, CA 95120
Land Phone Number:	(408)323-4561
Operator Organization Name:	FedEx Freight West
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Guadalupe Mines Rd #2185
Operator Address 2:	Not reported
Operator City,State,Zip:	San Jose, CA 95120
Operator Phone Number:	408-323-4561
Operator Effective Date:	04/14/2003
Site Contact:	Chong Lee
Site Contact Address:	6411 GUADALUPE MINES RD STE 2185
Contact City,State,Zip:	SAN JOSE, CA 95120
Site Contact Phone Number:	(408)323-4561
Site Contact Email:	chong.lee@fedex.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	FEDEX FREIGHT WEST FIFE
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	3263179
EPA ID:	WAR000011411
NAICS:	484122
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600497822
Business Type:	Not reported
Mail Name:	FedEx Freight West
Mailing Address:	6411 GUADALUPE MINES RD 2185
Mailing City,State,Zip:	SAN JOSE, CA 95120
Legal Organization Name:	FedEx Freight West
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6411 GUADALUPE MINES RD 2185
Legal Address 2:	Not reported
Legal City,State,Zip:	SAN JOSE, CA 95120
Legal Phone Number:	408323-4561
Legal Effective Date:	03/20/2003
Land Organization Name:	FedEx Freight West
Land Organization Type:	Private
Land Contact:	Not reported

GREENWOOD MOTORLINES DBA R&L CARRIERS (Continued) **1001126058**

Land Address:	6411 GUADALUPE MINES RD 2185
Land City,State,Zip:	SAN JOSE, CA 95120
Land Phone Number:	(408)323-4561
Operator Organization Name:	FedEx Freight West
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6411 Guadalupe Mines Rd #2185
Operator Address 2:	Not reported
Operator City,State,Zip:	San Jose, CA 95120
Operator Phone Number:	408-323-4561
Operator Effective Date:	04/14/2003
Site Contact:	Chong Lee
Site Contact Address:	6411 GUADALUPE MINES RD STE 2185
Contact City,State,Zip:	SAN JOSE, CA 95120
Site Contact Phone Number:	(408)323-4561
Site Contact Email:	chong.lee@fedex.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	R&L CARRIERS TACOMA
Address:	2150 48TH AVE CT E
City,State,Zip:	FIFE, WA 98424
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23728100
Longitude:	-122.364138
Permit ID:	WAR127037
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

117
South
1/4-1/2
0.498 mi.
2632 ft.

AMES INTERNATIONAL INC
4401 INDUSTRY DR E
FIFE, WA 98424

WA ALLSITES
WA SPILLS

S110276971
N/A

Relative:
Higher

Actual:
19 ft.

ALLSITES:

Name:	AMES INTERNATIONAL INC
Facility Id:	24524

SPILLS:

Name:	Not reported
Address:	4401 INDUSTRY DR E
City,State,Zip:	FIFE, WA
Facility ID:	618049
Medium:	SURFACE WATER-FRESH
Material Desc:	UNKNOWN
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	02/10/2010
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

AH118
West
1/4-1/2
0.499 mi.
2633 ft.

FIFE RV CENTER
3410 PACIFIC HWY E
FIFE, WA 98424

Site 1 of 2 in cluster AH

WA VCP

S124436007
N/A

Relative:
Higher

Actual:
21 ft.

VCP:

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7907
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13173
Contaminant Name:	Arsenic
Soil:	Suspected

FIFE RV CENTER (Continued) **S124436007**

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Benzene
Soil: Confirmed Above Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Halogenated Solvents
Soil: Below Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Lead
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424

FIFE RV CENTER (Continued) **S124436007**

edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Mercury
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Metals - Other
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Other Halogenated Organics
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE

FIFE RV CENTER (Continued) **S124436007**

edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Diesel
Soil: Below Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Gasoline
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Other
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported

FIFE RV CENTER (Continued) **S124436007**

VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Suspected

AH119 **LA CASA REAL DRUM** **WA CSCSL** **1000920735**
West **3410 PACIFIC HWY E** **WA ALLSITES** **WA0000857136**
1/4-1/2 **FIFE, WA 98421** **RCRA NonGen / NLR**
0.499 mi. **FINDS**
2633 ft. **Site 2 of 2 in cluster AH** **ECHO**

Relative:
Higher

Actual:
21 ft.

CSCSL:
Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

LA CASA REAL DRUM (Continued) **1000920735**

Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Mercury
Alternate Site Names: Not reported
Site Rank: Not reported

LA CASA REAL DRUM (Continued) **1000920735**

Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Other Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E

LA CASA REAL DRUM (Continued) **1000920735**

City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected

LA CASA REAL DRUM (Continued) **1000920735**

Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	LA CASA REAL DRUM
Facility Id:	72234718

Name:	FIFE RV CENTER
Facility Id:	7907

RCRA Listings:

Date Form Received by Agency:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Handler Address:	3410 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98421
EPA ID:	WA0000857136
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504-7775
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

LA CASA REAL DRUM (Continued) **1000920735**

State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504-7775
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:20:22.0
Recognized Trader-Importer:	No

LA CASA REAL DRUM (Continued) **1000920735**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LA CASA REAL DRUM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LA CASA REAL DRUM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1119
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LA CASA REAL DRUM (Continued) **1000920735**

Historic Generators:

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110006459590

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070566023

LA CASA REAL DRUM (Continued) **1000920735**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000920735
Registry ID:	110006459590
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006459590
Name:	LA CASA REAL DRUM
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98421

---

120 East 1/2-1 0.519 mi. 2739 ft. | **ABANDONED DRUMS FIFE**
5306 PACIFIC HWY E
FIFE, WA 98424 | **WA CSCSL** **S117896352**
WA LUST **N/A**
WA ALLSITES
WA SPILLS

Relative: Lower
Actual: 13 ft.

CSCSL:

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started

ABANDONED DRUMS FIFE (Continued) **S117896352**

Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ABANDONED DRUMS FIFE
Address: 5306 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 20014
Region: Southwest
Lat/Long: 47.242807502514 / -122.3574189314
Clean Up Siteid: 15047
Site Status: Cleanup Started
Contaminant Name: Methyl tertiary-butyl ether
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ABANDONED DRUMS FIFE
Address: 5306 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 20014
Region: Southwest
Lat/Long: 47.242807502514 / -122.3574189314
Clean Up Siteid: 15047
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ABANDONED DRUMS FIFE (Continued) **S117896352**

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Lead
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest

ABANDONED DRUMS FIFE (Continued) **S117896352**

Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Methyl tertiary-butyl ether
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Benzene
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

ABANDONED DRUMS FIFE (Continued) **S117896352**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

ALLSITES:

Name:	ABANDONED DRUMS FIFE
Facility Id:	20014

SPILLS:

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109130
Medium:	Roadway - Paved
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/04/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24196
Longitude:	-122.359
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Diesel Spill to Pavement, Fife 12-4-2019
Cause Type:	Not reported

ABANDONED DRUMS FIFE (Continued) **S117896352**

Resp Party Name:	Not reported

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109130
Medium:	Roadway - Paved
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/04/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24196
Longitude:	-122.359
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109130
Medium:	Impermeable surface
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/04/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24196
Longitude:	-122.359
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	656627
Medium:	IMPERMEABLE CONTAINMENT
Material Desc:	CHEMICAL
Material Qty:	5

ABANDONED DRUMS FIFE (Continued) **S117896352**

Material Units:	DRUM
Date Received:	05/07/2015
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

121
WNW
1/2-1
0.556 mi.
2935 ft.

SIERRA SANDBLASTING LLC
3402 12TH ST E
TACOMA, WA 98424

WA CSCSL **1000368705**
WA ALLSITES **WAD078199981**
RCRA NonGen / NLR

Relative:
Higher

Actual:
15 ft.

CSCSL:

Name:	SIERRA SANDBLASTING LLC
Address:	3402 12TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	44654631
Region:	Southwest
Lat/Long:	47.24593 / -122.38262
Clean Up Siteid:	2642
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	SIERRA SANDBLASTING PAINTING LLC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SIERRA SANDBLASTING LLC
Facility Id:	44654631

RCRA Listings:

Date Form Received by Agency:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Handler Address:	3402 12TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD078199981
Contact Name:	BETTY HENNION

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Contact Address:	3402 12TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-1196
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3402 12TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	SIERRA SANDBLASTING LLC
Owner Type:	Private
Operator Name:	SIMPSON SIERRA SANDBLASTING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:07:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1128
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING PAINTING LLC
Legal Status:	Private

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date Became Current:	1999-12-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-30 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-22 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-12-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-17 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-28 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-27 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-24 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-05-31 00:00:00.0
Actual Return to Compliance Date:	2004-01-26 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-07-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-05-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-28 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-08-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-08-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-29 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-24 00:00:00.0
Date of Request:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-05-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-10 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-05-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-01-26 00:00:00.0
Scheduled Compliance Date:	2001-07-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-08-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-08-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Former Citation:	Not reported
Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

122 ESE 1/2-1 0.603 mi. 3185 ft.

Relative: Higher

Actual: 19 ft.

CHEVRON 97135
5319 20TH ST E
TACOMA, WA 98424

WA CSCSL
WA LUST
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

1004614408
WAD988487757

CSCSL:

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	47389264
Region:	Southwest
Lat/Long:	47.239207063241 / -122.3579092115
Clean Up Siteid:	6151
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	47389264
Region:	Southwest
Lat/Long:	47.239207063241 / -122.3579092115
Clean Up Siteid:	6151
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	47389264
Region:	Southwest
Lat/Long:	47.239207063241 / -122.3579092115

CHEVRON 97135 (Continued) **1004614408**

Clean Up Siteid: 6151
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON 97135
Address: 5319 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 47389264
Region: Southwest
Lat/Long: 47.239207063241 / -122.3579092115
Clean Up Siteid: 6151
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: CHEVRON 97135
Address: 5319 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 47389264
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 6151
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Response Section: Southwest
Release Date: 02/10/1993
Lust Date: 06/13/2001
Region: Southwest
Lust ID: 2597
UST ID: 5228
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported

CHEVRON 97135 (Continued) **1004614408**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2392070 / -122.35790

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	47389264
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	6151
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Response Section:	Southwest
Release Date:	02/10/1993
Lust Date:	06/13/2001
Region:	Southwest
Lust ID:	2597
UST ID:	5228
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2392070 / -122.35790

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	47389264
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	6151
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Response Section:	Southwest
Release Date:	02/10/1993
Lust Date:	06/13/2001
Region:	Southwest
Lust ID:	2597
UST ID:	5228
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2392070 / -122.35790

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	FIFE, WA 98424

CHEVRON 97135 (Continued) **1004614408**

Facility ID:	47389264
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	6151
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAC INC 97135,CHEVRON USA 97135,High Fife Chevron
Response Section:	Southwest
Release Date:	02/10/1993
Lust Date:	06/13/2001
Region:	Southwest
Lust ID:	2597
UST ID:	5228
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2392070 / -122.35790

ALLSITES:

Name:	CHEVRON 97135
Facility Id:	47389264

RCRA Listings:

Date Form Received by Agency:	2019-02-06 00:00:00.0
Handler Name:	CHEVRON 97135
Handler Address:	5319 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988487757
Contact Name:	WASTE DESK
Contact Address:	PO BOX 6004
Contact City,State,Zip:	SAN RAMON, CA 94583
Contact Telephone:	877-386-6044
Contact Fax:	Not reported
Contact Email:	NAWTDESK@CHEVRON.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON PRODUCTS CO
Owner Type:	Private
Operator Name:	CHEVRON PRODUCTS CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

CHEVRON 97135 (Continued) **1004614408**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-26 16:43:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2011

CHEVRON 97135 (Continued) **1004614408**

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCT C
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-2324
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON 97135
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1909
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1909
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private

CHEVRON 97135 (Continued) **1004614408**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1909
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-0804
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT CAVIN
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1909
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-2324
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON 97135
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON 97135
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private

CHEVRON 97135 (Continued) **1004614408**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON 97135
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private

CHEVRON 97135 (Continued) **1004614408**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-2324
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-2324
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-0804
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1909
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-2324
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCT C
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator City,State,Zip:	TACOMA, WA 98424-1909
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON 97135
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON 97135
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private

CHEVRON 97135 (Continued) **1004614408**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6001 BOLLINGER CANYON RD
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAVIN, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	510-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5319 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-5588
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private

CHEVRON 97135 (Continued) **1004614408**

Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	877-386-6044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO
Legal Status:	Private
Date Became Current:	1999-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583-2324
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-21 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CHEVRON 97135 (Continued) **1004614408**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-10-18 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-03 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-12 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Receive Date:	1997-02-26 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-11 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-10-18 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-10-25 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-22 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CHEVRON 97135 (Continued) **1004614408**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-06 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-18 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CHEVRON 97135 (Continued) **1004614408**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-24 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-18 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-16 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-10 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-16 00:00:00.0
Handler Name:	CHEVRON 97135

CHEVRON 97135 (Continued) **1004614408**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-10-14 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-03 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-03 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CHEVRON 97135 (Continued) **1004614408**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-15 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-21 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-04 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-12 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Receive Date:	2015-02-02 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-03 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-06 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-30 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-06 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CHEVRON 97135 (Continued) **1004614408**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-11 00:00:00.0
Handler Name:	FIFE CHEVRON SELF SVC & FOOD MART CAC IN
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	CHEVRON 97135
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CHEVRON 97135 (Continued) **1004614408**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110000843589

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
Registry ID: 110070560386

Click Here:

Environmental Interest/Information System:
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

CHEVRON 97135 (Continued) **1004614408**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004614408
Registry ID:	110000843589
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000843589
Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583
Legal Phone Number:	(877)386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583
Land Phone Number:	(877)386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

CHEVRON 97135 (Continued) **1004614408**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Waste Desk
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	CHEVRON 97135
Address:	5319 20TH ST E

CHEVRON 97135 (Continued) **1004614408**

City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Waste Desk
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044

CHEVRON 97135 (Continued) **1004614408**

Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Waste Desk
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

CHEVRON 97135 (Continued) **1004614408**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Kathy Norris
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

CHEVRON 97135 (Continued) **1004614408**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909

CHEVRON 97135 (Continued) **1004614408**

Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Kathy Norris
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004

CHEVRON 97135 (Continued) **1004614408**

Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Kathy Norris
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011

CHEVRON 97135 (Continued) **1004614408**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Kathy Norris
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

CHEVRON 97135 (Continued) **1004614408**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044

CHEVRON 97135 (Continued) **1004614408**

Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Jocko Rodriguez
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CHEVRON 97135
Address:	5319 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	47389264
EPA ID:	WAD988487757
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

CHEVRON 97135 (Continued) **1004614408**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409018069
Business Type:	Not reported
Mail Name:	Chevron Products Co
Mailing Address:	PO Box 6004
Mailing City,State,Zip:	San Ramon, CA 94583-2324
Legal Organization Name:	Chevron Products Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 6004
Legal Address 2:	Not reported
Legal City,State,Zip:	San Ramon, CA 94583-2324
Legal Phone Number:	877-386-6044
Legal Effective Date:	09/01/1999
Land Organization Name:	Chevron Products Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 6004
Land City,State,Zip:	San Ramon, CA 94583-2324
Land Phone Number:	877-386-6044
Operator Organization Name:	Chevron Products Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5319 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1909
Operator Phone Number:	(253)922-5588
Operator Effective Date:	08/26/1996
Site Contact:	Jocko Rodriguez
Site Contact Address:	PO Box 6004
Contact City,State,Zip:	San Ramon, CA 94583-2324
Site Contact Phone Number:	877-386-6044
Site Contact Email:	NAWTDesk@chevron.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AI123 **H&H NORTHWEST COMPANIES VACANT PROPERTY** **WA CSCSL** **S125410148**
West **3309 PACIFIC AVE E** **WA ALLSITES** **N/A**
1/2-1 **FIFE, WA 98424**
0.607 mi.
3207 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
21 ft.

CSCSL:

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Contaminant Name: Halogenated Solvents
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Below Cleanup Levels
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Mercury
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Methyl tertiary-butyl ether
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Facility Id:	32616

AJ124 **CARLSON WAGONLIT TRAVEL** **WA CSCSL** **S104320432**
East **1501 54TH AVE E** **WA ALLSITES** **N/A**
1/2-1 **FIFE, WA 98424**
0.612 mi.
3233 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
14 ft.

CSCSL:

Name:	CARLSON WAGONLIT TRAVEL
Address:	1501 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35825444
Region:	Southwest
Lat/Long:	47.244 / -122.35678

CARLSON WAGONLIT TRAVEL (Continued) **S104320432**

Clean Up Siteid:	3480
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CARLSON WAGONLIT TRAVEL
Address:	1501 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35825444
Region:	Southwest
Lat/Long:	47.244 / -122.35678
Clean Up Siteid:	3480
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	CARLSON WAGONLIT TRAVEL
Facility Id:	35825444

AI125 **TEXACO STATION 121109** **WA CSCSL** **1000474210**
West **3251 PACIFIC HWY S** **WA LUST** **N/A**
1/2-1 **FIFE, WA 98424** **WA ALLSITES**
0.615 mi. **FINDS**
3248 ft. **Site 2 of 2 in cluster AI** **ECHO**
WA MANIFEST

Relative:
Higher

Actual:
19 ft.

CSCSL:

Name:	TEXACO 63-232-0143
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility ID:	77832375
Region:	Southwest
Lat/Long:	47.243479283943 / -122.3852527615
Clean Up Siteid:	10499

TEXACO STATION 121109 (Continued) **1000474210**

Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: JACKSONS 640,PORT OF TACOMA SHELL FOOD MART,Texaco 632320143,TEXACO STATION 121109,TEXACO STATION 3251 PACIFIC HWY S
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: TEXACO 63-232-0143
Address: 3251 PACIFIC HWY S
City,State,Zip: FIFE, WA 98424
Facility ID: 77832375
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 10499
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: JACKSONS 640,PORT OF TACOMA SHELL FOOD MART,Texaco 632320143,TEXACO STATION 121109,TEXACO STATION 3251 PACIFIC HWY S
Response Section: Southwest
Release Date: 12/18/1990
Lust Date: 01/16/2001
Region: Southwest
Lust ID: 4783
UST ID: 423934
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2434792 / -122.38525

ALLSITES:
Name: TEXACO STATION 121109
Facility Id: 77832375

FINDS:
Registry ID: 110005358512

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

TEXACO STATION 121109 (Continued) **1000474210**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000474210
Registry ID:	110005358512
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358512
Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	2015 - XQG. Shell waste generation activities have ceased at site; EPA ID number may be inactivated.
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	20945 South Wilmington Avenue
Mailing City,State,Zip:	Carson, CA 90810
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

TEXACO STATION 121109 (Continued) **1000474210**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	20945 South Wilmington Avenue
Legal Address 2:	Not reported
Legal City,State,Zip:	Carson, CA 90810
Legal Phone Number:	815-468-8824
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	20945 South Wilmington Avenue
Land City,State,Zip:	Carson, CA 90810
Land Phone Number:	815-468-8824
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	20945 South Wilmington Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Carson, CA 90810
Operator Phone Number:	815-468-8824
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	adam.estes@ghd.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	aestes@CRAworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

TEXACO STATION 121109 (Continued) **1000474210**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private

TEXACO STATION 121109 (Continued) **1000474210**

Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	aestes@CRAworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D002	
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	713-241-17008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	DECON WATER
CORb Sequence Number:	138035
Sequence Number:	2673701
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	459
Quanity Unit:	LB
Kilograms Quanity:	208.202403
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	1392990
Shipment Date:	2012-01-17 00:00:00
Mainfest Document ID:	000045640DAT
Reported Quanity:	459
Unit of Measure:	LB
Kilograms Quanity:	208.202403
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	673734
Received EPAID:	WAD991281767
Managed Quanity:	459
Kilogram Quanity:	208.202403
Recycled Percentage:	0
Waste Management System Code:	H111

Waste Stream EPA Code:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	5963766
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	1
WCDD Code:	G32

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178

TEXACO STATION 121109 (Continued) **1000474210**

NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA FOR 2011.
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O Box 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	713-241-17008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False

TEXACO STATION 121109 (Continued) **1000474210**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O Box 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

TEXACO STATION 121109 (Continued) **1000474210**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TEXACO STATION 121109
Address:		3251 PACIFIC HWY S
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		77832375
EPA ID:		WAD988483178
NAICS:		447110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2009
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False

TEXACO STATION 121109 (Continued) **1000474210**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

TEXACO STATION 121109 (Continued) **1000474210**

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D018
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR

TEXACO STATION 121109 (Continued) **1000474210**

Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSATE - GASOLINE
CORb Sequence Number:	118279
Sequence Number:	2004283
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1376.0999999999999
Quanity Unit:	LB
Kilograms Quanity:	624.19897073622235
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	955894
Shipment Date:	10/6/2008
Mainfest Document ID:	004304595JJK
Reported Quanity:	1376.1
Unit of Measure:	LB
Kilograms Quanity:	624.198970736222
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	118279

TEXACO STATION 121109 (Continued) **1000474210**

Waste Sequence Number: 2004283
Sequence Number: 488253
Received EPAID: WAD991281767
Managed Quanity: 1376.0999999999999
Kilogram Quanity: 624.19897073622235
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream EPA Code:
CORB Waste Sequence Number: 118279
Waste Sequence Number: 2004283
Sequence Number: 4288771
WCDA Code: D018

Waste Sequence Number: 2004283
Sequence Number: 4288770
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 118279
Waste Sequence Number: 2004283
Sequence Number: 1
WCDD Code: G13

Name: TEXACO STATION 121109
Address: 3251 PACIFIC HWY S
City,State,Zip: FIFE, WA 98424
Facility Address 2: Not reported
Facility ID: 77832375
EPA ID: WAD988483178
NAICS: 447110
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE
2007.
Data Year: Not reported
Permit by Rule: FALSE
Mailing Address 2: NOB 300G04 - RACHEL HULL
Treatment by Generator: FALSE
Mixed Radioactive Waste: FALSE
Importer of Hazardous Waste: FALSE
Immediate Recycler: FALSE
Treatment/Storage/Disposal/Recycling Facility: FALSE
Generator of Dangerous Fuel Waste: FALSE
Generator Marketing to Burner: FALSE
Other Marketers (i.e., blender, distributor, etc.): FALSE
Utility Boiler Burner: FALSE
Industry Boiler Burner: FALSE
Industrial Furnace: FALSE
Smelter Defferal: FALSE
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: NOB #300G04
Tax Reg #: 409019185
Business Type: GASOLINE SERVICE STATION

TEXACO STATION 121109 (Continued) **1000474210**

Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	2818742224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	2818742224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F07
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2238
Operator Effective Date:	08/27/1996
Site Contact:	DON F WISDOM
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2238
Site Contact Email:	DON.F.WISDOM@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	300F07

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	2818742224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	2818742224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F

TEXACO STATION 121109 (Continued) **1000474210**

Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	300F08

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

126
WNW
1/2-1
0.618 mi.
3263 ft.

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
1501 33RD AVE E
FIFE, WA 98424

WA CSCSL **S107672870**
WA LUST **N/A**
WA ALLSITES
WA SPILLS

Relative:
Higher

Actual:
17 ft.

CSCSL:

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

ALLSITES:

Name:	FLYING J TRAVEL PLAZA
Facility Id:	94359448

SPILLS:

Name:	Not reported
Address:	Not reported
City,State,Zip:	FIFE, WA
Facility ID:	606436
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	40
Material Units:	GALLON
Date Received:	06/16/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	WSE TRANSPOIRTAION LLC
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	553702
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	1
Material Units:	GALLON
Date Received:	03/01/2006
Contact Name:	CADJEW
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	563426
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	25
Material Units:	GALLON
Date Received:	06/25/2007
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	606436
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	7
Material Units:	GALLON
Date Received:	06/16/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

127 West 1/2-1 0.631 mi. 3331 ft. | **I-5 SB PORT OF TACOMA RD** , **WA** | **WA CSCSL** **WA ALLSITES** | **S123790152** **N/A**

Relative: Higher

Actual: 33 ft.

CSCSL:

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Contaminant Name: Metals - Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: I-5 SB PORT OF TACOMA RD
Facility Id: 70333

AJ128 **KAYO OIL 2705486** **WA CSCSL** **1000659065**
East **5405 PACIFIC HWY E** **WA LUST** **WAD988487302**
1/2-1 **FIFE, WA 98424** **WA ALLSITES**
0.639 mi. **RCRA NonGen / NLR**
3373 ft. **Site 2 of 2 in cluster AJ** **WA MANIFEST**

Relative:
Lower

Actual:
13 ft.

CSCSL:
Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Region: Southwest
Lat/Long: 47.2432 / -122.35652
Clean Up Siteid: 9933
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Region: Southwest
Lat/Long: 47.2432 / -122.35652
Clean Up Siteid: 9933
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Site Rank: Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 9933
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Response Section: Southwest
Release Date: 07/09/1993
Lust Date: 12/27/2000
Region: Southwest
Lust ID: 265
UST ID: 10158
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2432 / -122.35652

Name: BP 11073
Address: 5405 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 62556434
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 9933
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: BP11073,CIRCLE K 76 2705486,Circle K Store 5486 BP Oil,KAYO OIL 2705486,MY GOODS MARKET #5486,My Goods Market 5486,TOSCO FACILITY 05486
Response Section: Southwest
Release Date: 07/09/1993
Lust Date: 12/27/2000
Region: Southwest
Lust ID: 265
UST ID: 10158
Contaminant Name: Benzene
Ground Water: Confirmed Above Cleanup Levels

KAYO OIL 2705486 (Continued) **1000659065**

Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2432 / -122.35652

ALLSITES:

Name:	CIRCLE K STORE 5486 BP OIL
Facility Id:	62556434

RCRA Listings:

Date Form Received by Agency:	2009-02-14 00:00:00.0
Handler Name:	KAYO OIL 2705486
Handler Address:	5405 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988487302
Contact Name:	THOMAS BORDER
Contact Address:	600 NORTH DAIRY ASHFORD,
Contact City,State,Zip:	HOUSTON, TX 77079
Contact Telephone:	281-293-4335
Contact Fax:	Not reported
Contact Email:	THOMAS.R.BORDER@CONOCOPHILLIPS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	600 NORTH DAIRY ASHFORD
Mailing City,State,Zip:	HOUSTON, WA 77079
Owner Name:	CONOCOPHILLIPS COMPANY
Owner Type:	Private
Operator Name:	KAYO OIL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

KAYO OIL 2705486 (Continued) **1000659065**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 12:24:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY

KAYO OIL 2705486 (Continued) **1000659065**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS C
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL K
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private

KAYO OIL 2705486 (Continued) **1000659065**

Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOSCO CORP SPOKANE TERMINAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CIRCLE K STORE 5486 BP OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5405 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD, GUY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	206-442-7378
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private

KAYO OIL 2705486 (Continued) **1000659065**

Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD
Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAYO OIL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1380 SAN PABLO AVE
Owner/Operator City,State,Zip:	RODEO, CA 94572
Owner/Operator Telephone:	510-245-5176
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS
Legal Status:	Private
Date Became Current:	1998-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 52085
Owner/Operator City,State,Zip:	PHOENIX, AZ 85072
Owner/Operator Telephone:	602-728-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONOCOPHILLIPS COMPANY
Legal Status:	Private
Date Became Current:	2003-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	600 NORTH DAIRY ASHFORD

KAYO OIL 2705486 (Continued) **1000659065**

Owner/Operator City,State,Zip:	HOUSTON, TX 77079
Owner/Operator Telephone:	281-293-1000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-02-16 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-13 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-14 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-24 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-02 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-28 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Large Quantity Generator

KAYO OIL 2705486 (Continued) **1000659065**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-04-04 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-07 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

KAYO OIL 2705486 (Continued) **1000659065**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-16 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-22 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-07 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Receive Date:	2009-02-13 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-28 00:00:00.0
Handler Name:	CIRCLE K STORE 5486 BP OIL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	KAYO OIL 2705486
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

KAYO OIL 2705486 (Continued) **1000659065**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

WA MANIFEST:

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Site Sold
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company

KAYO OIL 2705486 (Continued) **1000659065**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003
Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003
Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE

KAYO OIL 2705486 (Continued) **1000659065**

Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003
Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private

KAYO OIL 2705486 (Continued) **1000659065**

Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	KAYO OIL 2705486
Address:	5405 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	62556434
EPA ID:	WAD988487302
NAICS:	44711
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

KAYO OIL 2705486 (Continued) **1000659065**

Tax Reg #:	600115909
Business Type:	Not reported
Mail Name:	ConocoPhillips Company
Mailing Address:	600 North Dairy Ashford
Mailing City,State,Zip:	Houston, TX 77079
Legal Organization Name:	ConocoPhillips Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	600 North Dairy Ashford
Legal Address 2:	Not reported
Legal City,State,Zip:	Houston, TX 77079
Legal Phone Number:	281-293-1000
Legal Effective Date:	12/31/2003
Land Organization Name:	ConocoPhillips Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	600 North Dairy Ashford
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	281-293-1000
Operator Organization Name:	Kayo Oil
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1380 San Pablo Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Rodeo, CA 94572
Operator Phone Number:	510-245-5176
Operator Effective Date:	12/31/2003
Site Contact:	Tiana Andriamanarivo
Site Contact Address:	1380 San Pablo Ave
Contact City,State,Zip:	Rodeo, CA 94572
Site Contact Phone Number:	510-245-5176
Site Contact Email:	Tiana.Andriamanarivo@conocophillips.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

129 WSW 1/2-1 0.657 mi. 3471 ft. | **UNION PACIFIC RAILROAD FIFE SPILL** | **WA CSCSL** | **S123096459**
WA ALLSITES | **N/A**

, WA

Relative: Higher

Actual: 17 ft.

CSCSL:

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD FIFE SPILL
Address: Not reported
City,State,Zip: WA
Facility ID: 75347
Region: Southwest
Lat/Long: 47.237622 / -122.383796
Clean Up Siteid: 14701
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD FIFE SPILL
Address: Not reported
City,State,Zip: WA
Facility ID: 75347
Region: Southwest
Lat/Long: 47.237622 / -122.383796
Clean Up Siteid: 14701
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Facility Id:	75347

AK130 **SHELL STATION 121396** **WA CSCSL** **1001600634**
ESE **5501 20TH ST E** **WA LUST** **WAD988503892**
1/2-1 **FIFE, WA 98424** **WA ICR**
0.670 mi. **WA ALLSITES**
3536 ft. **Site 1 of 2 in cluster AK** **RCRA NonGen / NLR**
WA MANIFEST

Relative:
Higher

Actual:
23 ft.

CSCSL:

Name:	TEXACO 63-232-0500 FIFE INTERSECTION
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	96352712
Region:	Southwest
Lat/Long:	47.23905 / -122.35644
Clean Up Siteid:	11240
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Fife Shell Food Mart,SHELL 121396,Shell Station 121396,Texaco 632320500,TEXACO STATION FIFE
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

SHELL STATION 121396 (Continued) **1001600634**

LUST:

Name:	TEXACO 63-232-0500 FIFE INTERSECTION
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	96352712
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	11240
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Fife Shell Food Mart,SHELL 121396,Shell Station 121396,Texaco 632320500,TEXACO STATION FIFE
Response Section:	Southwest
Release Date:	07/18/1989
Lust Date:	08/08/1994
Region:	Southwest
Lust ID:	77
UST ID:	3300
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23905 / -122.35644

ICR:

Date Ecology Received Report:	04/07/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-06
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	12/20/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/20/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21

SHELL STATION 121396 (Continued) **1001600634**

County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/21/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-27
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/09/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-39
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - Second Quarter 2001

Date Ecology Received Report: 01/29/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-33
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - 4th Quarter

Date Ecology Received Report: 03/11/02
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-46
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - Fourth Quarter 2001

Date Ecology Received Report: 08/09/02
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-51
County Code: 27
Contact: Not reported

SHELL STATION 121396 (Continued) **1001600634**

Report Title: Semi-annual Ground Water Monitoring - Second Quarter 2002

ALLSITES:
Name: SHELL STATION 121396
Facility Id: 96352712

RCRA Listings:

Date Form Received by Agency:	2011-07-29 00:00:00.0
Handler Name:	SHELL STATION 121396
Handler Address:	5501 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988503892
Contact Name:	JEANNE TRAYLOR
Contact Address:	P O BOX 3127, RM 669B
Contact City,State,Zip:	HOUSTON, TX 77253
Contact Telephone:	713-241-6992
Contact Fax:	Not reported
Contact Email:	JEANNE.TRAYLOR@SHELL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, WA 77067
Owner Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Owner Type:	Private
Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 18:18:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

SHELL STATION 121396 (Continued) **1001600634**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396

SHELL STATION 121396 (Continued) **1001600634**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private

SHELL STATION 121396 (Continued) **1001600634**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2238
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

SHELL STATION 121396 (Continued) **1001600634**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPR E
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERP E
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHELL 121396
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5501 20TH ST E

SHELL STATION 121396 (Continued) **1001600634**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2238
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

SHELL STATION 121396 (Continued) **1001600634**

Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-26 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-07-28 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-01 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-07-29 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Small Quantity Generator

SHELL STATION 121396 (Continued) **1001600634**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-28 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SHELL STATION 121396 (Continued) **1001600634**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-07 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-02 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-25 00:00:00.0
Handler Name:	SHELL 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-10-20 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-27 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-01 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SHELL STATION 121396 (Continued) **1001600634**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-04 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-10 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-26 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-16 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SHELL STATION 121396 (Continued) **1001600634**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-07-28 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SHELL STATION 121396
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711

SHELL STATION 121396 (Continued) **1001600634**

NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

WA MANIFEST:

Name:	SHELL STATION 121396
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96352712
EPA ID:	WAD988503892
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D018
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O Box 3127
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

SHELL STATION 121396 (Continued) **1001600634**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/13/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P O Box 3127
Contact City,State,Zip:	HOUSTON, TX 77253
Site Contact Phone Number:	713-241-7008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	ABSORBENT MAT. W/GASOLINE
CORb Sequence Number:	127292
Sequence Number:	2494117
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	350
Quanity Unit:	LB
Kilograms Quanity:	158.76000273067206
Density Number:	0
Density Quanity:	Not reported

SHELL STATION 121396 (Continued) **1001600634**

Shipments Send:

CORB Waste Sequence Number:	127292
Waste Sequence Number:	2494117
Sequence Number:	1152763
Shipment Date:	2/12/2010
Mainfest Document ID:	006575573JJK
Reported Quanity:	350
Unit of Measure:	LB
Kilograms Quanity:	158.760002730672
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	127292
Waste Sequence Number:	2494117
Sequence Number:	586983
Received EPAID:	WAD991281767
Managed Quanity:	350
Kilogram Quanity:	158.76000273067206
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream Comments:

CORB Waste Sequence Number:	127292
Comments:	ABSORBENT MAT. W/GASOLINE
Waste Sequence Number:	2494117
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	127292
Waste Sequence Number:	2494117
Sequence Number:	5408646
WCDA Code:	D001
Waste Sequence Number:	2494117
Sequence Number:	5408647
WCDA Code:	D018

Waste Stream Source Code:

CORB Waste Sequence Number:	127292
Waste Sequence Number:	2494117
Sequence Number:	1
WCDD Code:	G32

Name:	SHELL STATION 121396
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96352712
EPA ID:	WAD988503892
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009

SHELL STATION 121396 (Continued) **1001600634**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/13/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P O Box 3127
Contact City,State,Zip:	HOUSTON, TX 77253
Site Contact Phone Number:	713-241-7008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

SHELL STATION 121396 (Continued) **1001600634**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

Name:	SHELL STATION 121396
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96352712
EPA ID:	WAD988503892
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D018
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247

SHELL STATION 121396 (Continued) **1001600634**

Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/13/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSATE - GASOLINE
CORb Sequence Number:	118128
Sequence Number:	2004046
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1834.8
Quanity Unit:	LB
Kilograms Quanity:	832.26529431496306
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118128
Waste Sequence Number:	2004046

SHELL STATION 121396 (Continued) **1001600634**

Sequence Number: 955546
Shipment Date: 10/6/2008
Mainfest Document ID: 004304598JJK
Reported Quanity: 1834.8
Unit of Measure: LB
Kilograms Quanity: 832.265294314963
Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 118128
Waste Sequence Number: 2004046
Sequence Number: 487969
Received EPAID: WAD991281767
Managed Quanity: 1834.8
Kilogram Quanity: 832.26529431496306
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream EPA Code:
CORB Waste Sequence Number: 118128
Waste Sequence Number: 2004046
Sequence Number: 4285655
WCDA Code: D001

Waste Sequence Number: 2004046
Sequence Number: 4285656
WCDA Code: D018

Waste Stream Source Code:
CORB Waste Sequence Number: 118128
Waste Sequence Number: 2004046
Sequence Number: 1
WCDD Code: G13

Name: SHELL STATION 121396
Address: 5501 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility Address 2: Not reported
Facility ID: 96352712
EPA ID: WAD988503892
NAICS: 447110
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE
2007.
Data Year: Not reported
Permit by Rule: No
Mailing Address 2: NOB 300G03 - RACHEL WILLIAMSON
Treatment by Generator: No
Mixed Radioactive Waste: No
Importer of Hazardous Waste: No
Immediate Recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of Dangerous Fuel Waste: No
Generator Marketing to Burner: No

SHELL STATION 121396 (Continued) **1001600634**

Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	NOB #300G03
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G03
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F07
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2238
Operator Effective Date:	08/13/1996
Site Contact:	DON F WISDOM
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2238
Site Contact Email:	DON.F.WISDOM@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	300F07

SHELL STATION 121396 (Continued) **1001600634**

Name:	SHELL STATION 121396
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96352712
EPA ID:	WAD988503892
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/13/1996
Site Contact:	RAY E WALDING

SHELL STATION 121396 (Continued) **1001600634**

Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	300F08

Name:	SHELL STATION 121396
Address:	5501 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96352712
EPA ID:	WAD988503892
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

SHELL STATION 121396 (Continued) **1001600634**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F07
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2238
Operator Effective Date:	08/13/1996
Site Contact:	DON F WISDOM
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2238
Site Contact Email:	DON.F.WISDOM@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	300F07

AK131 **FORMER UNOCAL SERVICE STATION 4836** **WA CSCSL** **1000706885**
ESE **2001 54TH AVE E** **WA LUST** **WAD988501524**
1/2-1 **FIFE, WA 98424** **WA ICR**
0.672 mi. **WA ALLSITES**
3547 ft. **Site 2 of 2 in cluster AK** **RCRA NonGen / NLR**
FINDS
Relative: **ECHO**
Higher

Actual:
20 ft.

CSCSL:

Name:	UNOCAL SERVICE STATION 4836
Address:	2001 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	4687
Region:	Southwest

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Lat/Long:	47.23878 / -122.356712
Clean Up Siteid:	5212
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	FIFE MEMORIAL FOUNTAIN PARK,FORMER UNOCAL SERVICE STATION 4836,UNOCAL 4836,UNOCAL BULK PLANT 0646,UNOCAL SERVICE STATION 4836 FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	UNOCAL SERVICE STATION 4836
Address:	2001 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	4687
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	5212
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	FIFE MEMORIAL FOUNTAIN PARK,FORMER UNOCAL SERVICE STATION 4836,UNOCAL 4836,UNOCAL BULK PLANT 0646,UNOCAL SERVICE STATION 4836 FORMER
Response Section:	Southwest
Release Date:	01/01/1991
Lust Date:	10/13/1994
Region:	Southwest
Lust ID:	1696
UST ID:	8400
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23878 / -122.35671

ICR:

Date Ecology Received Report:	08/18/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-07
County Code:	27
Contact:	Not reported
Report Title:	Not reported

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Date Ecology Received Report:	05/14/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-16
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/03/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-24
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	11/03/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/22/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-46
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	07/06/93
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-03
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/14/94
Contaminants Found at Site:	Petroleum products

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-38
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	05/02/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-54
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/18/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-36
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	05/13/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-02
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	UNOCAL SERVICE STATION 4836 FORMER
Facility Id:	4687

RCRA Listings:

Date Form Received by Agency:	1997-03-12 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Handler Address:	2001 54TH AVE E
Handler City,State,Zip:	FIFE, WA 98422
EPA ID:	WAD988501524
Contact Name:	GARY GUNDERSON
Contact Address:	PO BOX 399
Contact City,State,Zip:	EDMONDS, WA 98020
Contact Telephone:	360-640-7612

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 399
Mailing City,State,Zip:	EDMONDS, WA 98020
Owner Name:	UNOCAL
Owner Type:	Private
Operator Name:	UNOCAL CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:43:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5209 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-2636
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNOCAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNOCAL SERVICE STATION 4836
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 54TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98422
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNOCAL

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNOCAL SERVICE STATION 4836
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 54TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98422
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNOCAL SERVICE STATION 4836
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2001 54TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98422
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5209 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNOCAL
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNOCAL
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5209 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNOCAL
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNOCAL CORP U
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNOCAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7612
Owner/Operator Telephone Ext:	Not reported

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNOCAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNOCAL U
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 399
Owner/Operator City,State,Zip:	EDMONDS, WA 98020
Owner/Operator Telephone:	360-640-7608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5209 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-03-11 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-03-11 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-12 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-21 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-11 00:00:00.0
Handler Name:	UNOCAL SERVICE STATION 4836
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

FORMER UNOCAL SERVICE STATION 4836 (Continued) **1000706885**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110006460230

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000706885
Registry ID: 110006460230
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006460230
Name: FORMER UNOCAL SERVICE STATION 4836
Address: 2001 54TH AVE E
City,State,Zip: FIFE, WA 98424

132
ENE
1/2-1
0.681 mi.
3597 ft.

SMITH FIRE SYSTEMS, INC.
1106 54 AVE E
TACOMA, WA 98424

WA CSCSL **S121970665**
WA ALLSITES **N/A**

Relative:
Lower

Actual:
13 ft.

CSCSL:
Name: SMITH FIRE SYSTEMS, INC.
Address: 1106 54 AVE E
City,State,Zip: TACOMA, WA 98424
Facility ID: 80726454

SMITH FIRE SYSTEMS, INC. (Continued) **S121970665**

Region:	Southwest
Lat/Long:	47.247895362289 / -122.3579854769
Clean Up Siteid:	10585
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Smith Fire Systems,Inc,Smith Fire Systems,Inc.,WORMALD FIRE SYSTEMS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WORMALD FIRE SYSTEMS
Facility Id:	80726454

133
SSE
1/2-1
0.693 mi.
3660 ft.

2660 FRANK ALBERT RD
2660 FRANK ALBERT RD E
FIFE, WA 98424

WA CSCSL **S116362595**
WA ALLSITES **N/A**
WA SPILLS
WA ASBESTOS

Relative:
Higher

Actual:
22 ft.

CSCSL:

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816

2660 FRANK ALBERT RD (Continued) **S116362595**

Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 2660 FRANK ALBERT RD
Facility Id: 24529

SPILLS:
Name: Not reported
Address: 2660 FRANK ALBERT RD
City,State,Zip: FIFE, WA
Facility ID: 646042
Medium: SURFACE WATER-FRESH
Material Desc: OTHER - SEE NOTE
Material Qty: 1
Material Units: OTHER
Date Received: Not reported
Contact Name: UNKNOWN
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported
Source Type: Not reported
Source: Not reported
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Not reported

ASBESTOS:
Name: Not reported
Address: 2660 FRANK ALBERT RD
City,State,Zip: FIFE, WA 98424
Facility Type: commercial
Parent ID: 0
Form ID: 101461##1279Envir288801
Notice Date: 06/08/2015
Start Date: 06/29/2015
Completion Date: 06/29/2015
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 7am
Site Hours End: 3:30pm
Sunday: Not reported
Monday: 1
Tuesday: Not reported
Wednesday: Not reported
Thursday: Not reported
Friday: Not reported
Saturday: Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-06-08 13:23:18
Submitter IP Address:	67.183.249.78
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102780##1279Envir079297
Notice Date:	07/06/2015
Start Date:	07/06/2015
Completion Date:	07/06/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150

2660 FRANK ALBERT RD (Continued) **S116362595**

Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-07-06 08:36:01
Submitter IP Address:	67.160.73.38
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile

2660 FRANK ALBERT RD (Continued) **S116362595**

Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102915##1577Puget965380
Notice Date:	07/08/2015
Start Date:	07/08/2015
Completion Date:	07/08/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7: a.m.
Site Hours End:	2:00 p.m.
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	1
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	425-757-6872
Job Site CAS:	Ismael Arenas
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Puget Sound Abatement LLC (ABCN00001577)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	120
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1

2660 FRANK ALBERT RD (Continued) **S116362595**

Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	demarcation
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Spoke with John Stebbins about using the same notification previously filed by Environmental. Existing Abatement company got kicked off job for Starting when no one was on site. There is nor roofing or countertops to abate. I removed them off of the old notification.
Date Time Submitted:	2015-07-08 06:08:46
Submitter IP Address:	216.160.123.110
Region:	3
UBI:	603345715
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Ismael Arenas ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102028##1279Envir215200
Notice Date:	06/19/2015
Start Date:	07/06/2015

2660 FRANK ALBERT RD (Continued) **S116362595**

Completion Date:	07/06/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-06-19 10:02:30
Submitter IP Address:	67.160.73.38
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

134
WSW
1/2-1
0.700 mi.
3695 ft.

PORT OF TACOMA RD I5 ON RAMP
PORT OF TACOMA RD & 20TH ST E
FIFE, WA 98424

WA CSCSL **S121970351**
WA ALLSITES **N/A**

Relative:
Higher

Actual:
20 ft.

CSCSL:

Name:	PORT OF TACOMA RD, 1-5 ON RAMP
Address:	PORT OF TACOMA RD & 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	553914
Region:	Southwest
Lat/Long:	47.239175 / -122.385962
Clean Up Siteid:	14414
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

PORT OF TACOMA RD I5 ON RAMP (Continued) **S121970351**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORT OF TACOMA RD, 1-5 ON RAMP
Address: PORT OF TACOMA RD & 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 553914
Region: Southwest
Lat/Long: 47.239175 / -122.385962
Clean Up Siteid: 14414
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORT OF TACOMA RD, 1-5 ON RAMP
Address: PORT OF TACOMA RD & 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 553914
Region: Southwest
Lat/Long: 47.239175 / -122.385962
Clean Up Siteid: 14414
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PORT OF TACOMA RD I5 ON RAMP
Facility Id: 553914

135 West 1/2-1 0.727 mi. 3838 ft.

Relative: Lower

Actual: 13 ft.

ASSOCIATED PETROLUEM PRODUCTS, INC.
3101 PACIFIC HWY E
FIFE, WA 98424

WA CSCSL
WA LUST
WA UST
WA ALLSITES
WA Financial Assurance
WA PTAP

U003354615
N/A

CSCSL:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Region:	Southwest
Lat/Long:	47.243694 / -122.386333
Clean Up Siteid:	14762
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Region:	Southwest
Lat/Long:	47.243694 / -122.386333
Clean Up Siteid:	14762
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Region:	Southwest

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Lat/Long:	47.243694 / -122.386333
Clean Up Siteid:	14762
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Region:	Southwest
Lat/Long:	47.243694 / -122.386333
Clean Up Siteid:	14762
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

LUST:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

UST ID:	4691
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Lead
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

UST:

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	94129688
Site Id:	4691
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.243694
Decimal Longitude:	-122.386333

Tank Name:	1
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	3
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current

ALLSITES:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Facility Id:	94129688

WA Financial Assurance 1:

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E & S INSURANCE
Inception Date:	02/01/2016
Expiration Date:	02/01/2017
Address 2:	Not reported
Policy Number:	BTA9986632-05
Effective Date:	02/01/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	01/25/2017
Expiration Date:	02/01/2018
Address 2:	Not reported
Policy Number:	BTA 9986632-06
Effective Date:	01/25/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	01/22/2018
Expiration Date:	02/01/2019
Address 2:	Not reported
Policy Number:	BTA 9986632-07
Effective Date:	01/22/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	02/01/2019
Expiration Date:	02/01/2020
Address 2:	Not reported
Policy Number:	05-TOP-000000759
Effective Date:	02/01/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

PTAP:

Name:	TACOMA WINGFOOT TIRE PORT OF TACOMA (APP/CFN #2038) CARD LOCK
Address:	3101 PACIFIC HIGHWAY EAST
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW055
FSID Number:	94129688
Entry Date:	02/08/2019
Status:	In Progress

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136 WSW 1/2-1 0.754 mi. 3981 ft. | **FIFE METROPLEX CARDLOCK** | **WA CSCSL** **S108023797**
3200 20TH ST E | **WA LUST** **N/A**
FIFE, WA 98424 | **WA ALLSITES**
WA PTAP

Relative: Higher

Actual: 17 ft.

CSCSL:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Region:	Southwest
Lat/Long:	47.238806 / -122.386444
Clean Up Siteid:	5931

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Methyl tertiary-butyl ether
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Responsible Unit: Pollution Liability Ins Agcy

LUST:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Methyl tertiary-butyl ether
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

ALLSITES:

Name:	FIFE METROPLEX CARDLOCK
Facility Id:	35377551

PTAP:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW073
FSID Number:	35377551
Entry Date:	11/06/2019
Status:	In Progress

137
ENE
1/2-1
0.811 mi.
4280 ft.

54TH AVE TPU TRANSFORMER
901 54TH AVE E
FIFE, WA 98424

WA CSCSL **S123095831**
WA ALLSITES **N/A**

Relative:
Higher

Actual:
14 ft.

CSCSL:

Name:	54TH AVE TPU TRANSFORMER
Address:	901 54TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	56998
Region:	Southwest
Lat/Long:	47.24883 / -122.35371
Clean Up Siteid:	14703
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

54TH AVE TPU TRANSFORMER (Continued) **S123095831**

Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 54TH AVE TPU TRANSFORMER
Facility Id: 56998

138
East
1/2-1
0.819 mi.
4325 ft.

SCORPION INVESTMENTS LLC PROPERTY
5719 15TH ST E
FIFE, WA 98424

WA CSCSL **S108969374**
WA ALLSITES **N/A**

Relative:
Higher

Actual:
15 ft.

CSCSL:
Name: SCORPION INVESTMENTS LLC PROPERTY
Address: 5719 15TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 4690593
Region: Southwest
Lat/Long: 47.244333 / -122.352278
Clean Up Siteid: 4008
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SCORPION INVESTMENTS LLC PROPERTY
Facility Id: 4690593

139
West
1/2-1
0.823 mi.
4346 ft.

DAUPHIN SITE
2911 PACIFIC HWY E
TACOMA, WA 98424

WA HSL **1007080815**
WA CSCSL **N/A**
WA VCP
WA ALLSITES
FINDS

Relative:
Lower

Actual:
13 ft.

HSL:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: **Hazardous Sites List**

DAUPHIN SITE (Continued) **1007080815**

Facility Status: Awaiting Cleanup
FSID Number: 1281
Rank: 3
Region: SW
EDR Link ID: 1281
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 1281
Region: Southwest
Lat/Long: 47.243418012356 / -122.3880828252
Clean Up Siteid: 3826
Site Status: Awaiting Cleanup
Contaminant Name: Corrosive Wastes
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 1281
Region: Southwest
Lat/Long: 47.243418012356 / -122.3880828252
Clean Up Siteid: 3826
Site Status: Awaiting Cleanup
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VCP:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424

DAUPHIN SITE (Continued) **1007080815**

edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1281
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 3826
Contaminant Name: Corrosive Wastes
Soil: Suspected

Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1281
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 3826
Contaminant Name: Halogenated Organics
Soil: Confirmed Above Cleanup Levels

ALLSITES:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Facility Id: 1281

FINDS:
Registry ID: 110015575386

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070605594

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

DAUPHIN SITE (Continued) **1007080815**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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140 NNE 1/2-1 0.862 mi. 4551 ft. **WOOD CHIP STORAGE YARD**
SR 509 N & 4TH ST E
TACOMA, WA 98424

WA HSL **S108969408**
WA CSCSL **N/A**
WA ALLSITES

Relative: Lower

Actual: 13 ft.

HSL:

Name:	WOOD CHIP STORAGE YARD
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	6766480
Rank:	1
Region:	SW
EDR Link ID:	6766480
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	WOOD CHIP STORAGE YARD
Address:	SR 509 N & 4TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	6766480
Region:	Southwest
Lat/Long:	47.254139 / -122.361444
Clean Up Siteid:	4435
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WOOD CHIP STORAGE YARD
Address:	SR 509 N & 4TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	6766480
Region:	Southwest
Lat/Long:	47.254139 / -122.361444
Clean Up Siteid:	4435
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants

WOOD CHIP STORAGE YARD (Continued) **S108969408**

Alternate Site Names: Not reported
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WOOD CHIP STORAGE YARD
Facility Id: 6766480

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141 WSW 1/2-1 0.962 mi. 5080 ft. | **WSDOT I-5 RIVER RD STORM WATER AREA B** | **WA CSCSL** | **S118821263**
WA ALLSITES | **N/A**

PIERCE (County), WA

Relative: Higher
Actual: 21 ft.

CSCSL:
Name: WSDOT I-5 RIVER RD STORM WATER AREA B
Address: Not reported
City,State,Zip: WA
Facility ID: 5717
Region: Southwest
Lat/Long: 47.237631644747 / -122.3909939620
Clean Up Siteid: 13046
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: WA DOT I5 River Rd Storm Water Area B
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WSDOT I-5 RIVER RD STORM WATER AREA B
Address: Not reported
City,State,Zip: WA
Facility ID: 5717
Region: Southwest
Lat/Long: 47.237631644747 / -122.3909939620
Clean Up Siteid: 13046
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: WA DOT I5 River Rd Storm Water Area B
Site Rank: Not reported

WSDOT I-5 RIVER RD STORM WATER AREA B (Continued) **S118821263**

Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WA DOT I5 RIVER RD STORM WATER AREA B
Facility Id:	5717

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FIFE	S124434070	SCHULER INDUSTRIAL PARK	5919 12TH ST E & 1112 62ND AVE	98424	WA VCP
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		WA SWF/LF
TACOMA	S124432692	OLINE 52ND ST PROPERTY	5101 52ND ST E	98443	WA VCP
TACOMA	1025802936	TACOMA ALUMINUM PHOSPHIHE RESPONSE	ALEXANDER AVENUE	98421	SEMS
TACOMA	2005709610	PACIFIC OCEAN	PACIFIC OCEAN		HMIRS
TACOMA	1010080826	PSE TACOMA HISTORICAL COAL GAS	220 E RIVER STREET	98421	EDR MGP
TACOMA	S115345697	ROW 15114 PACIFIC AVE	ROW 15114 PACIFIC AVE		WA RGA HWS
TACOMA	1014534102	25TH/CASCADE SERVICE STATION GAS S	25TH/CASCADE SERVICE STATION G		EDR Hist Auto

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

The Sanborn Map Report review was conducted for the TDLE project area.
The subject property is located in an area with no Sanborn Map coverage.

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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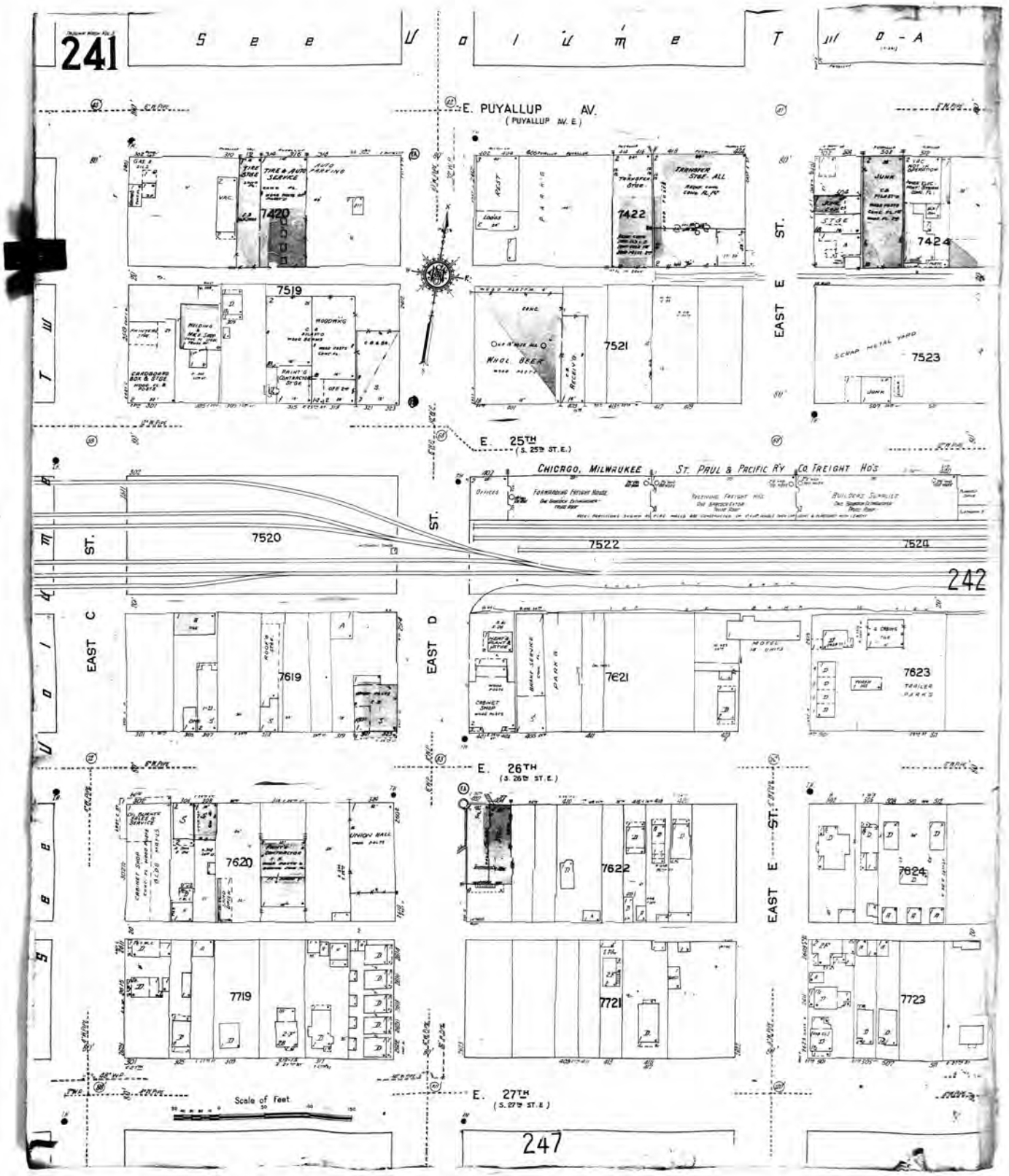

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Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

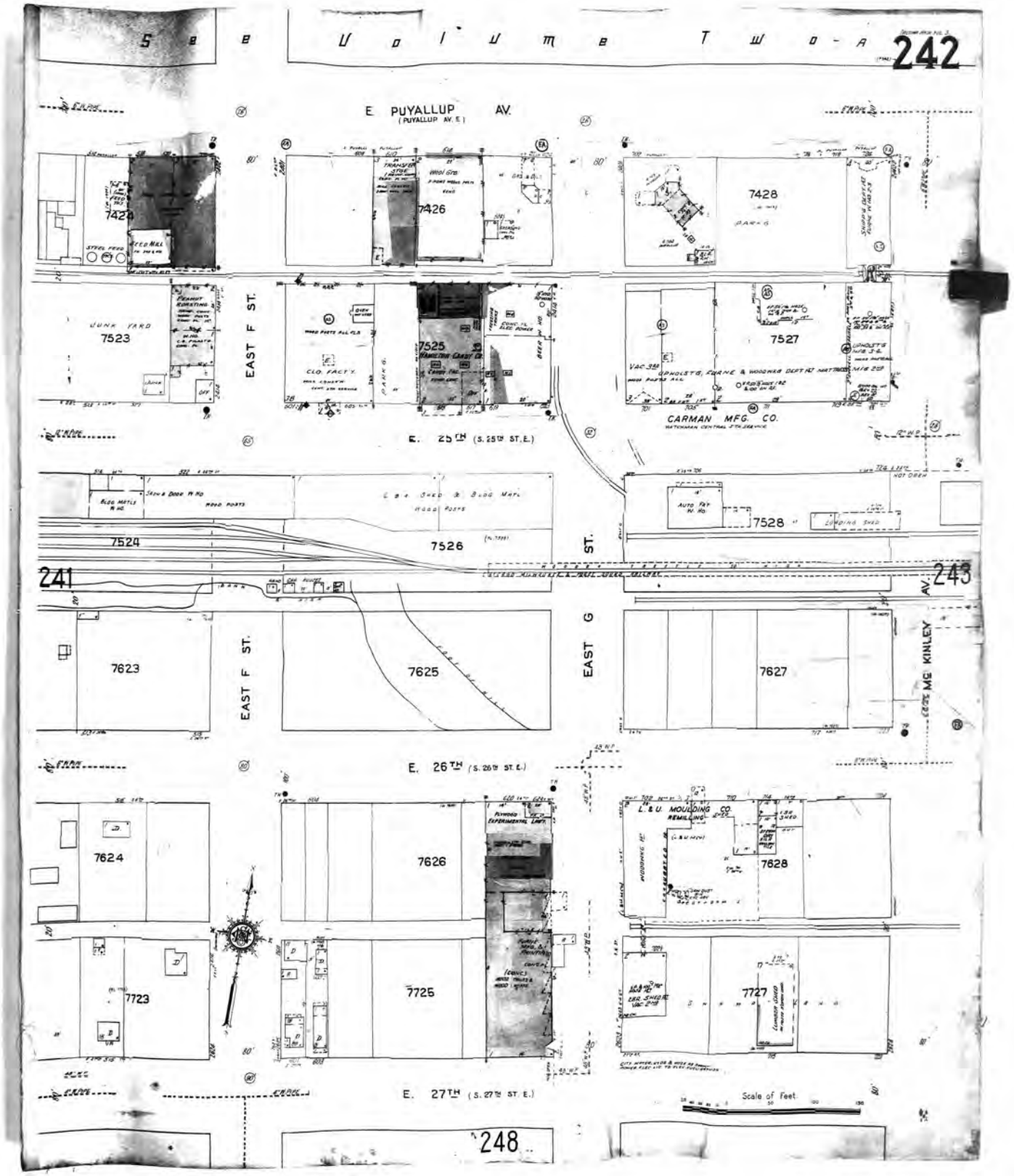

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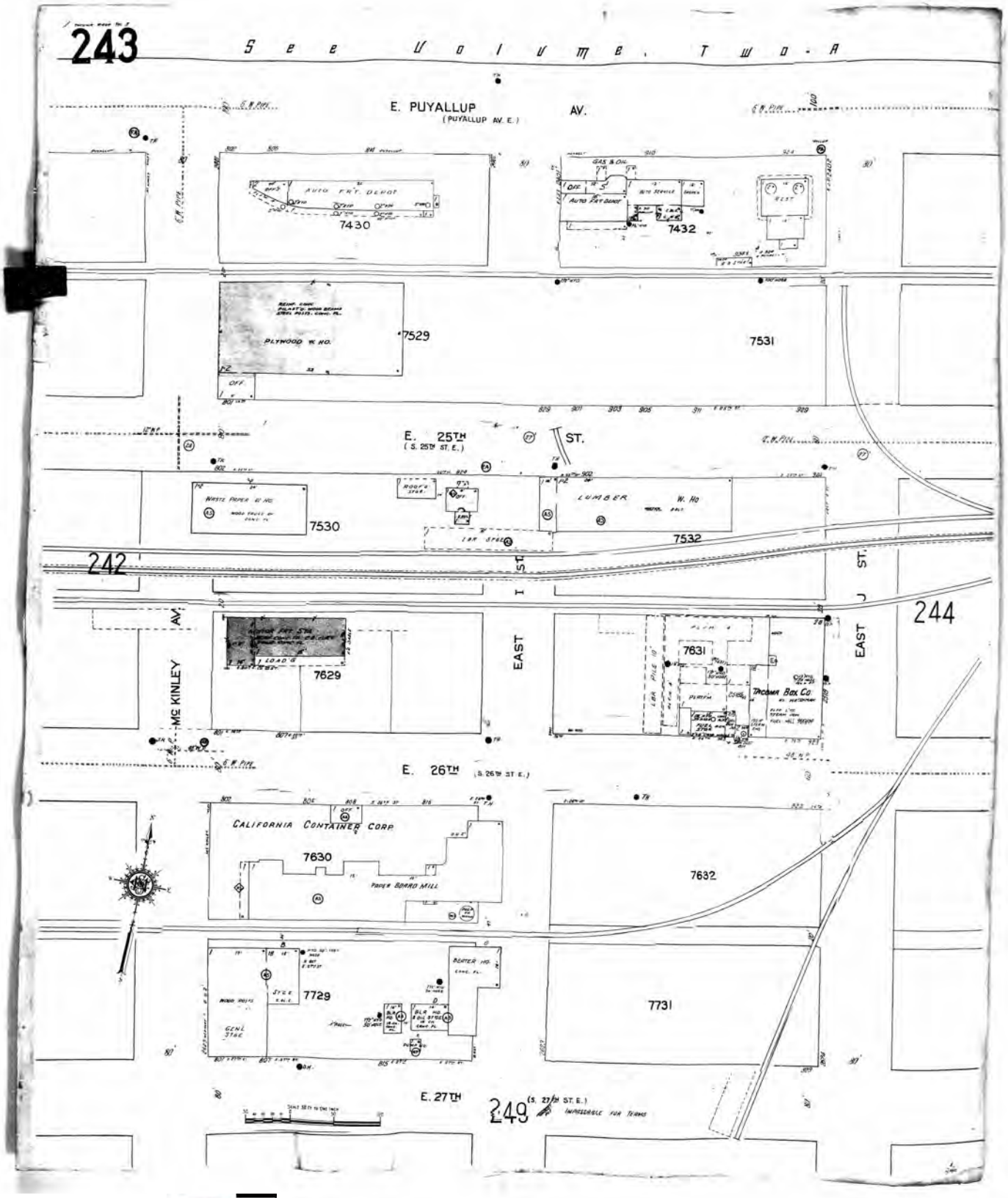

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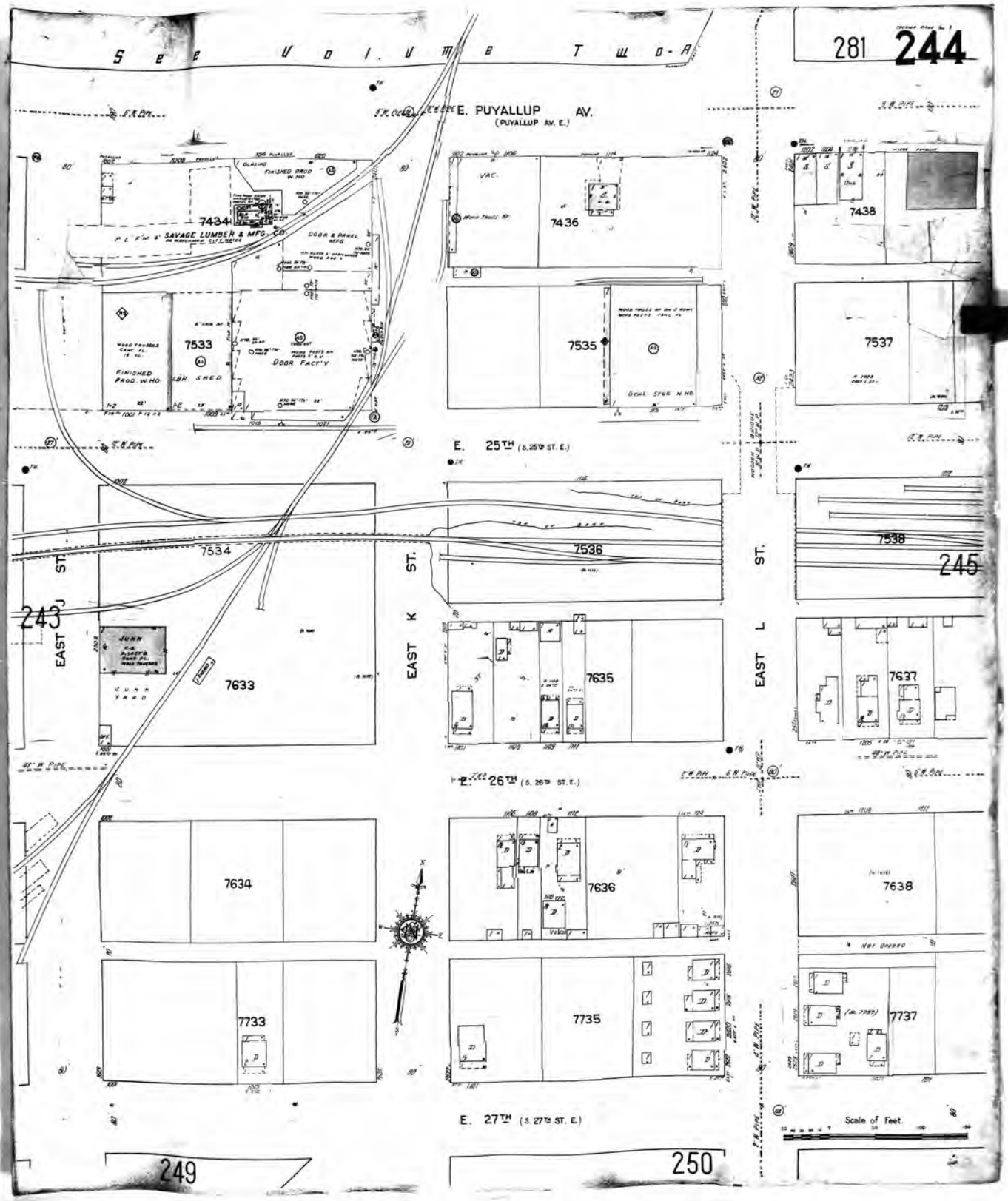

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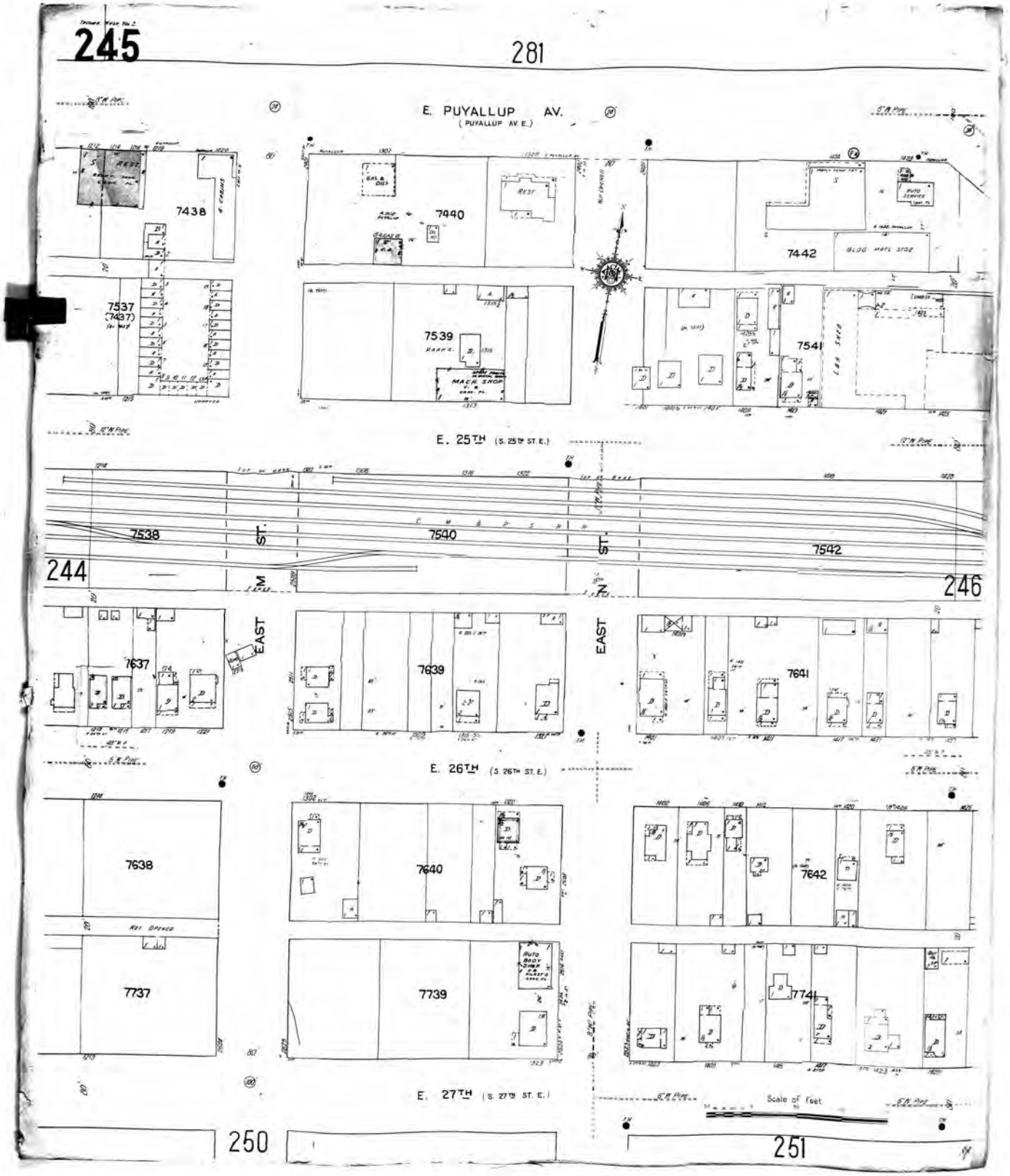

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Copyright	1963

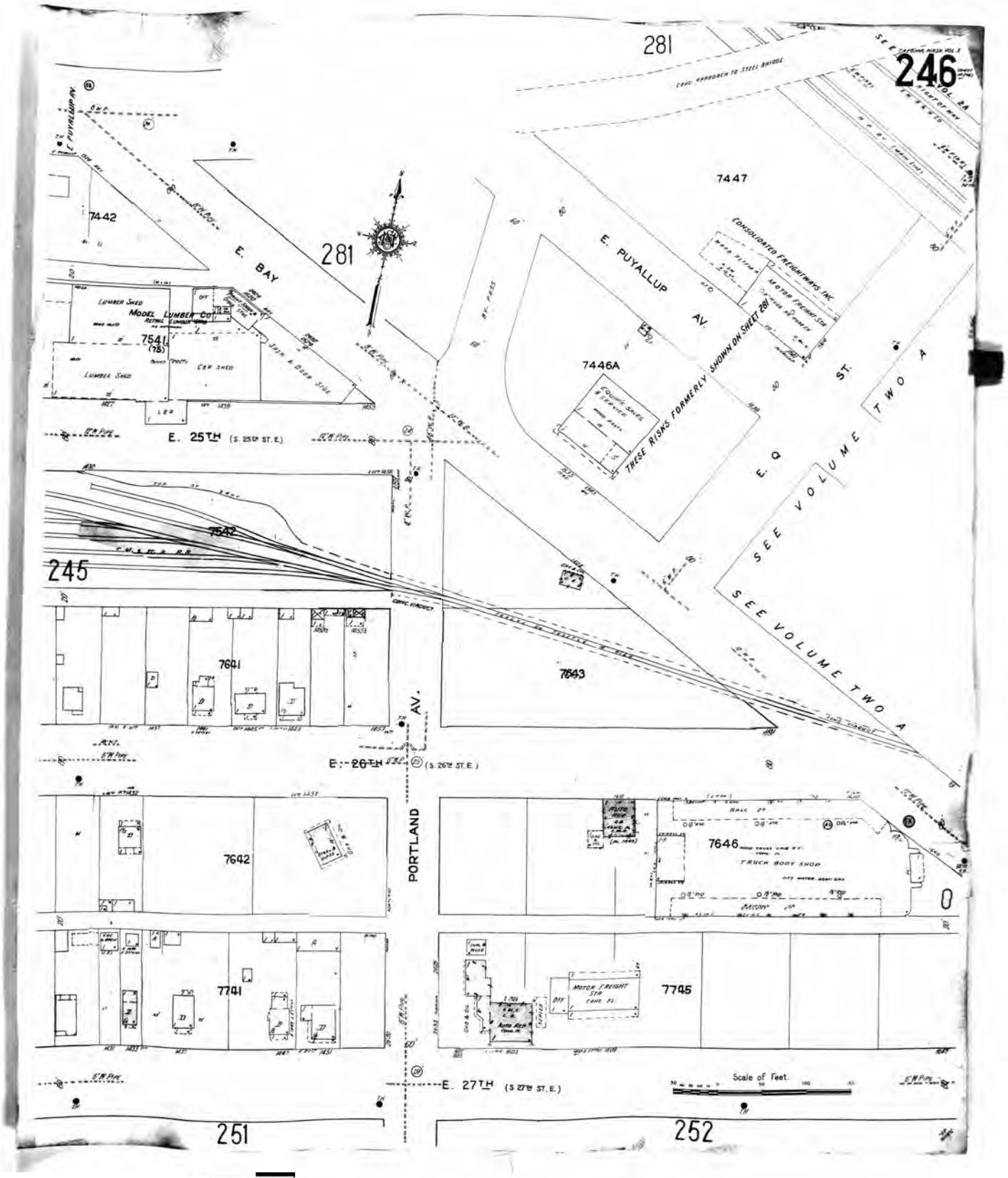

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Copyright	1963

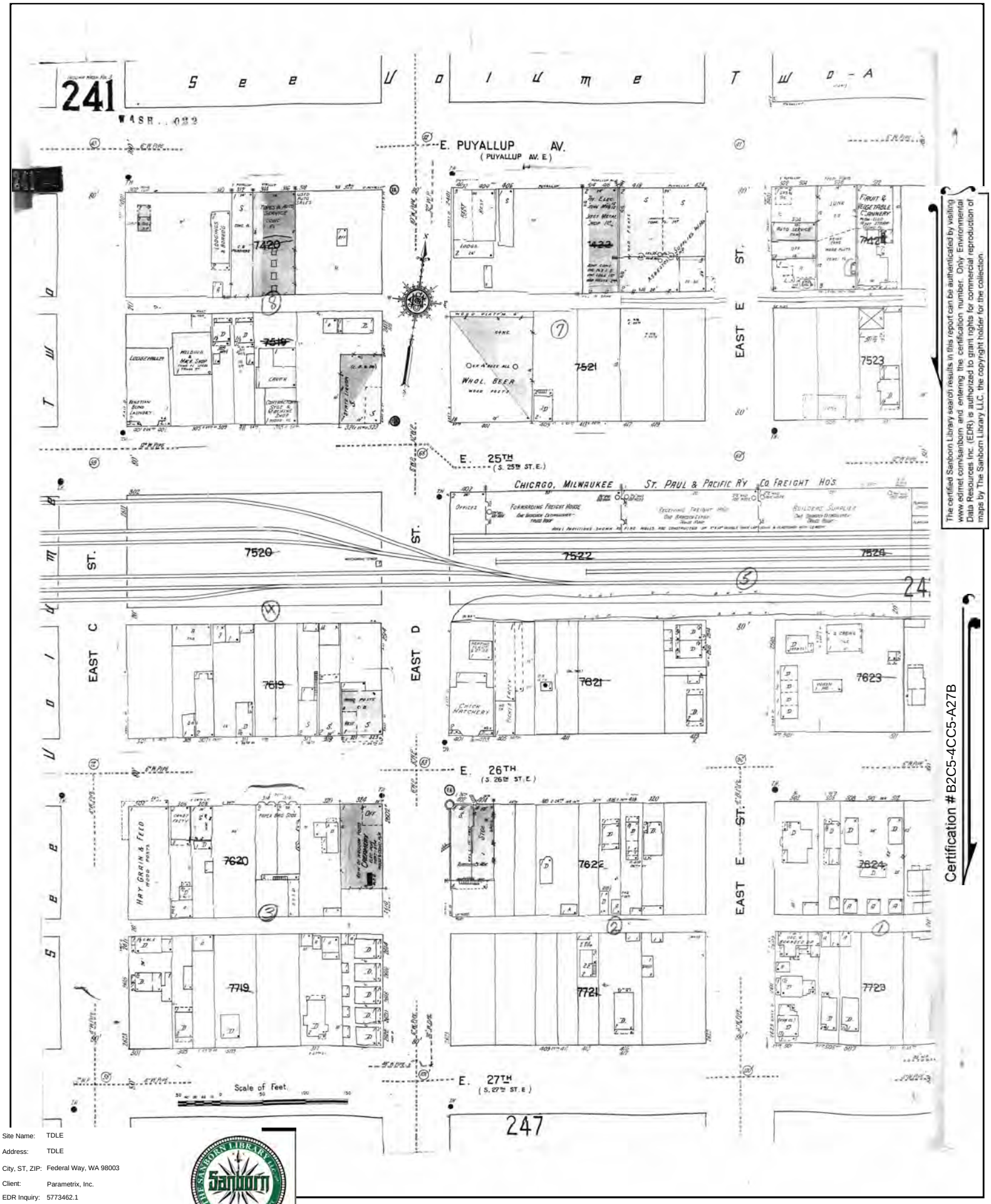

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Order Date:	09/04/2019
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Copyright	1950

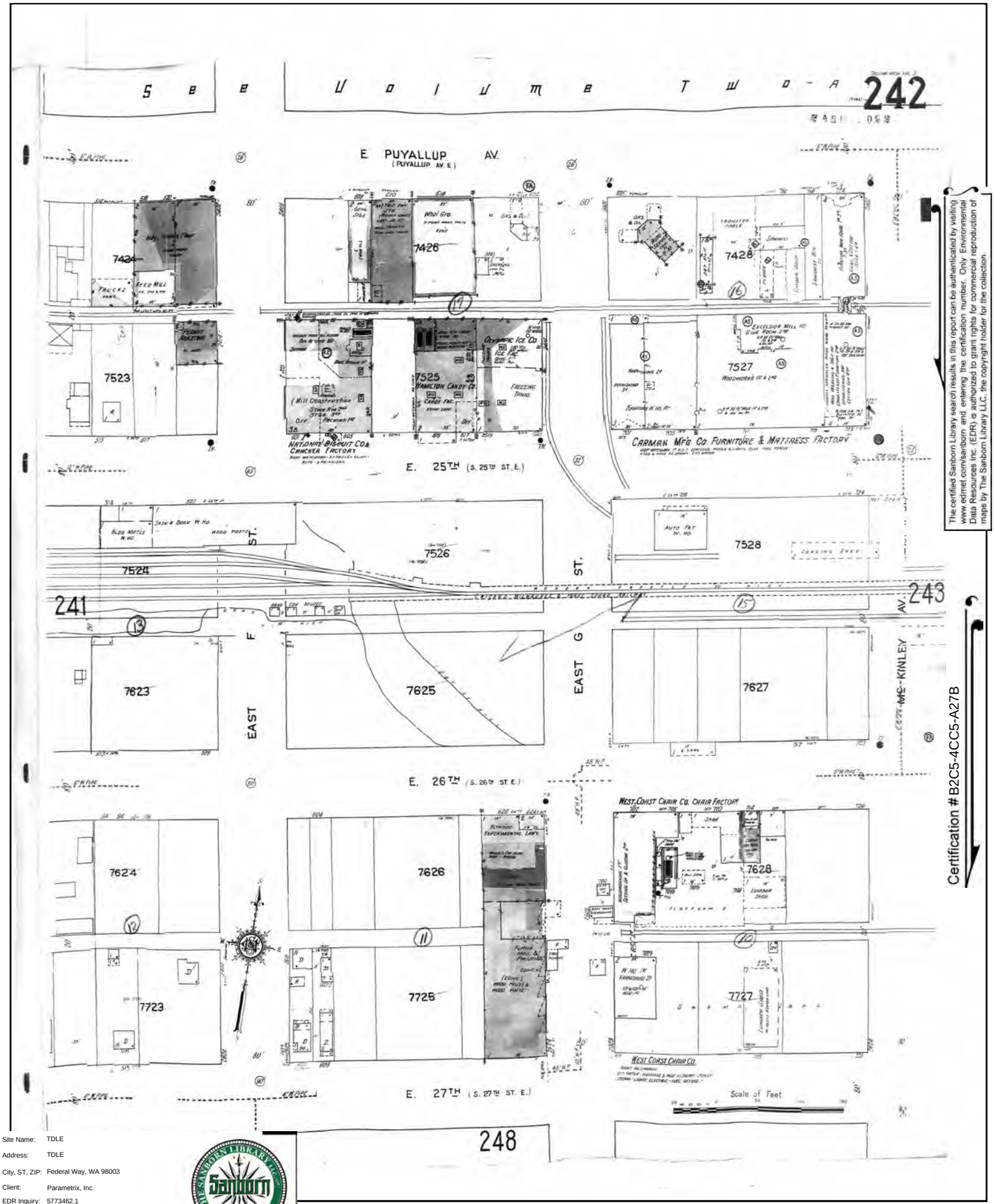

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Copyright	1950

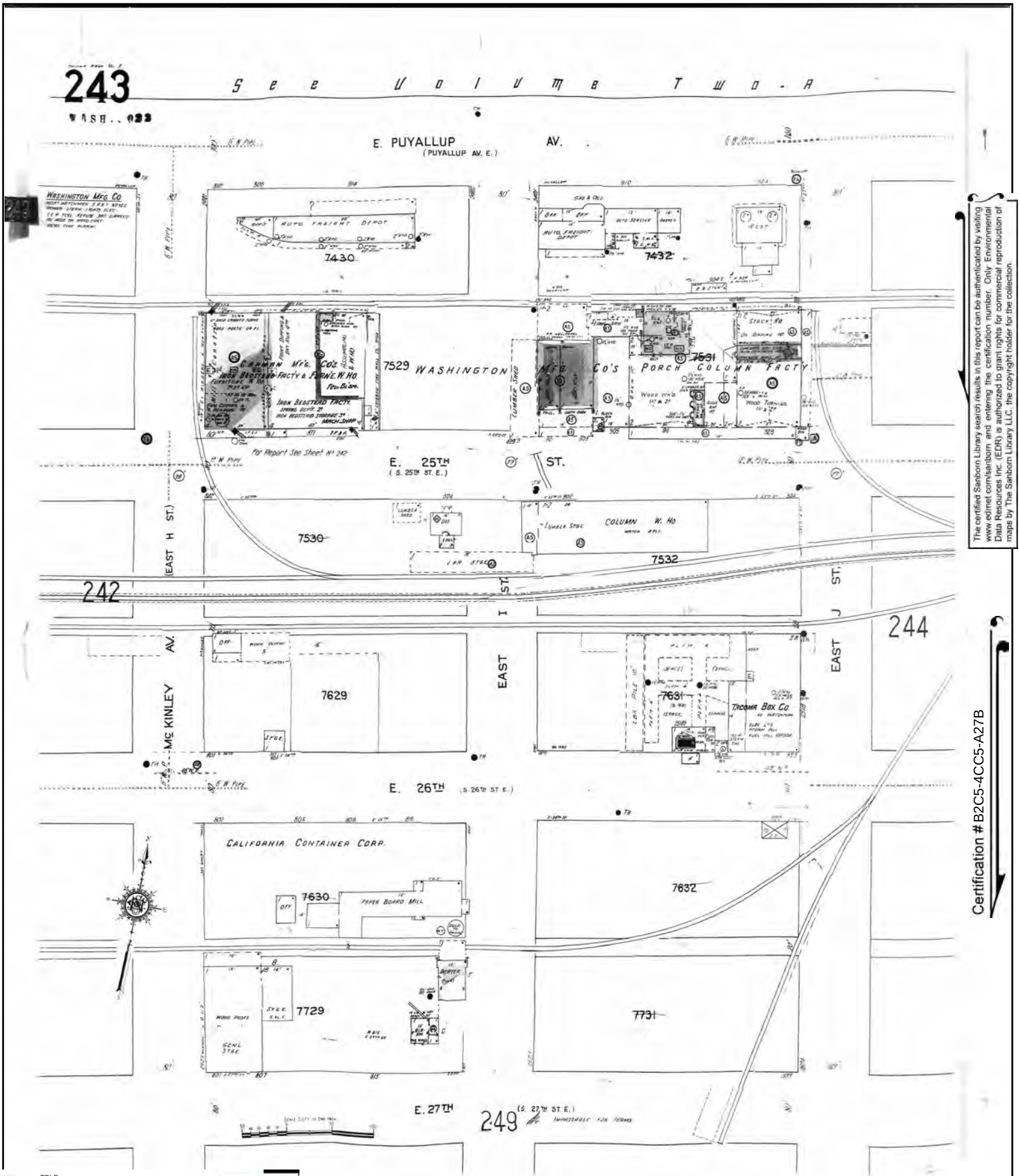

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

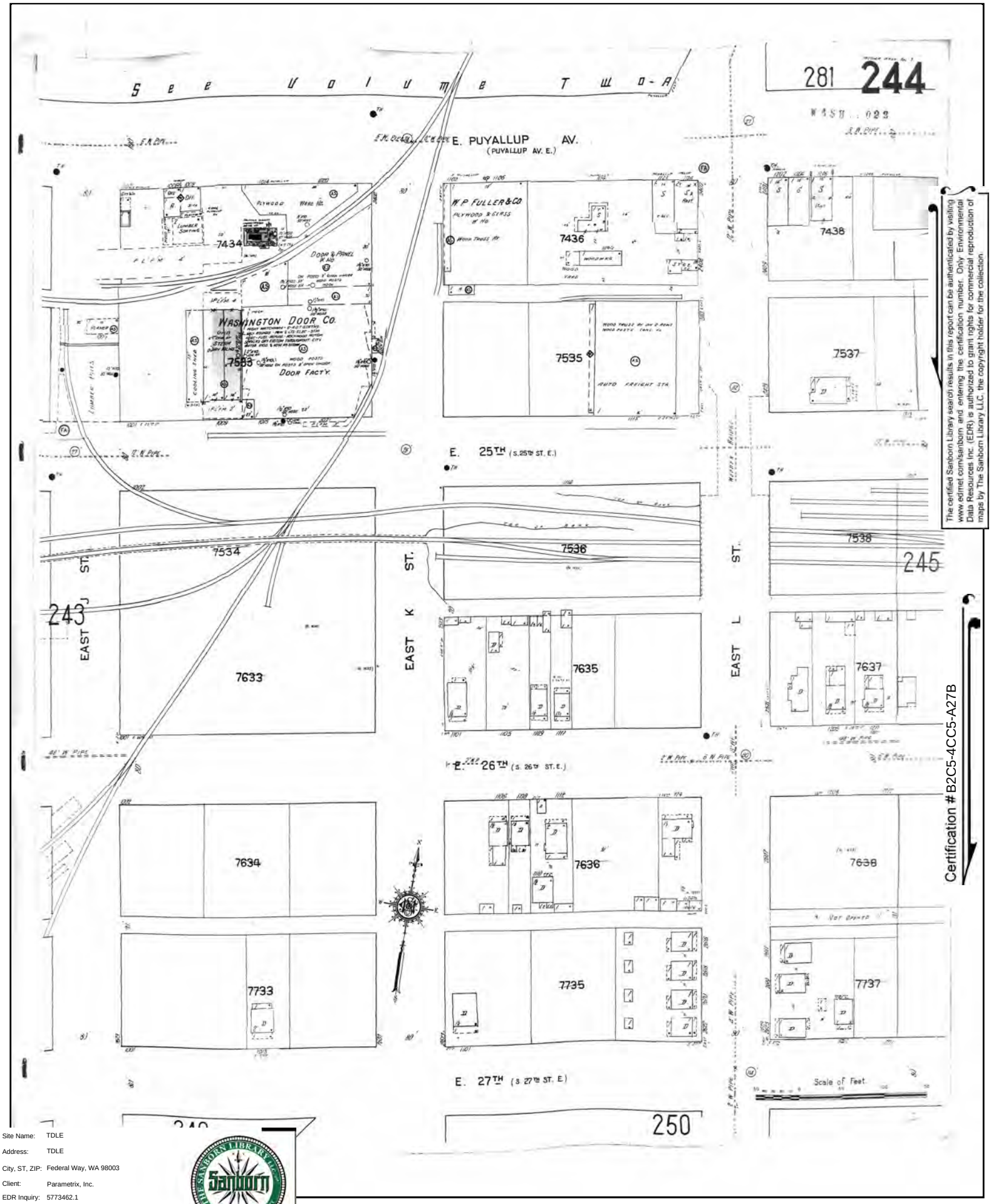

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Copyright	1950

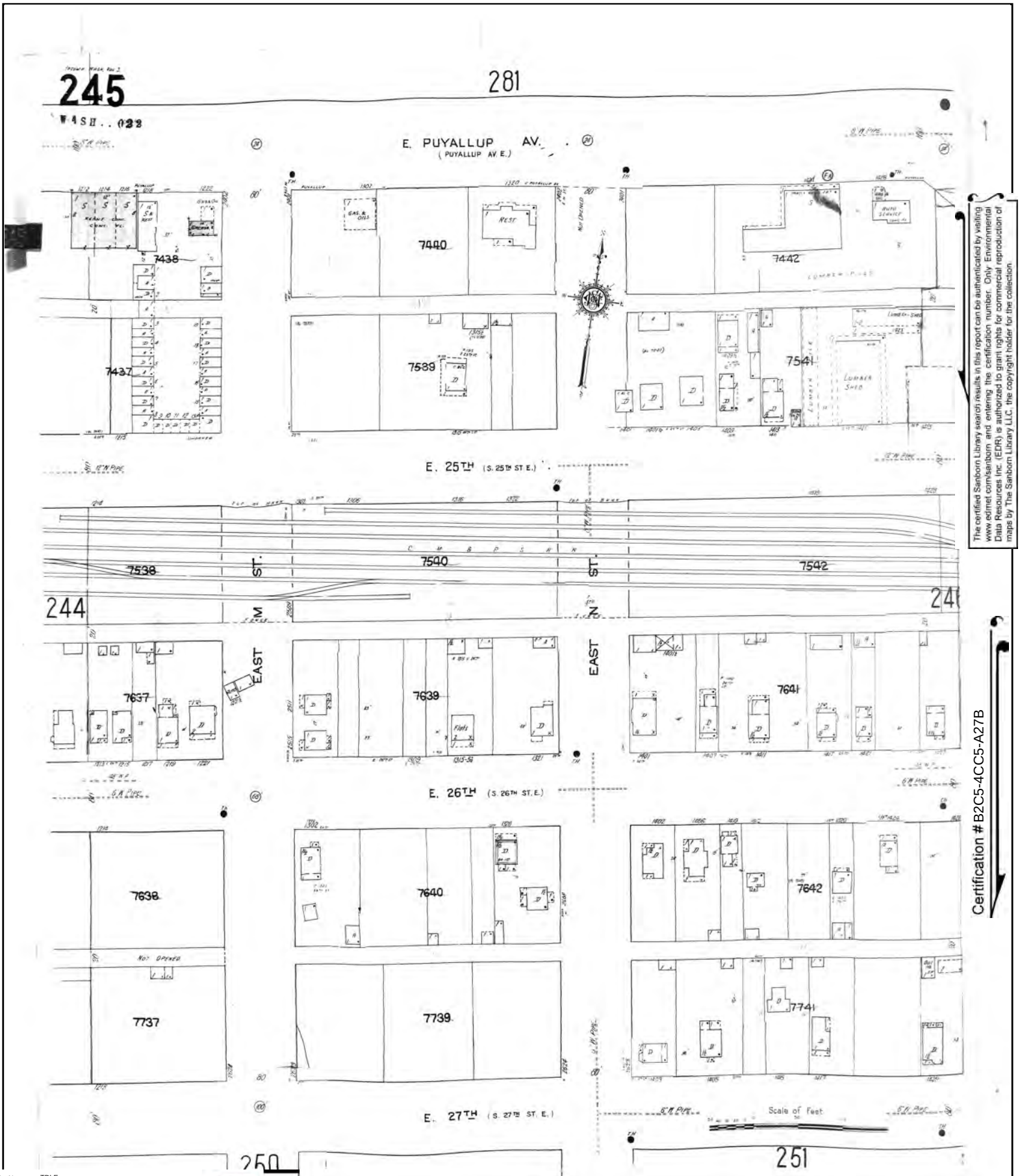

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Copyright	1950

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1950

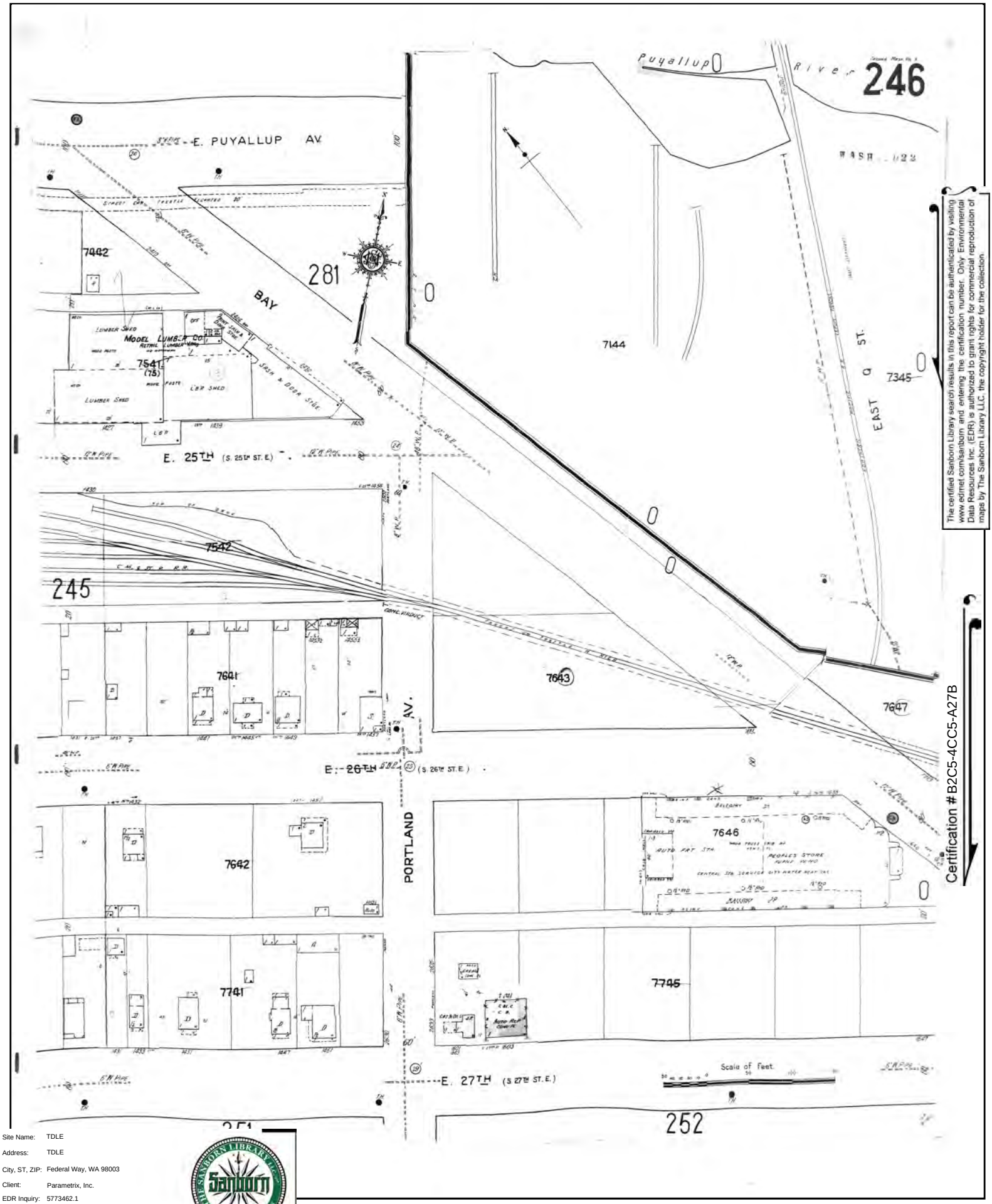

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Copyright	1950

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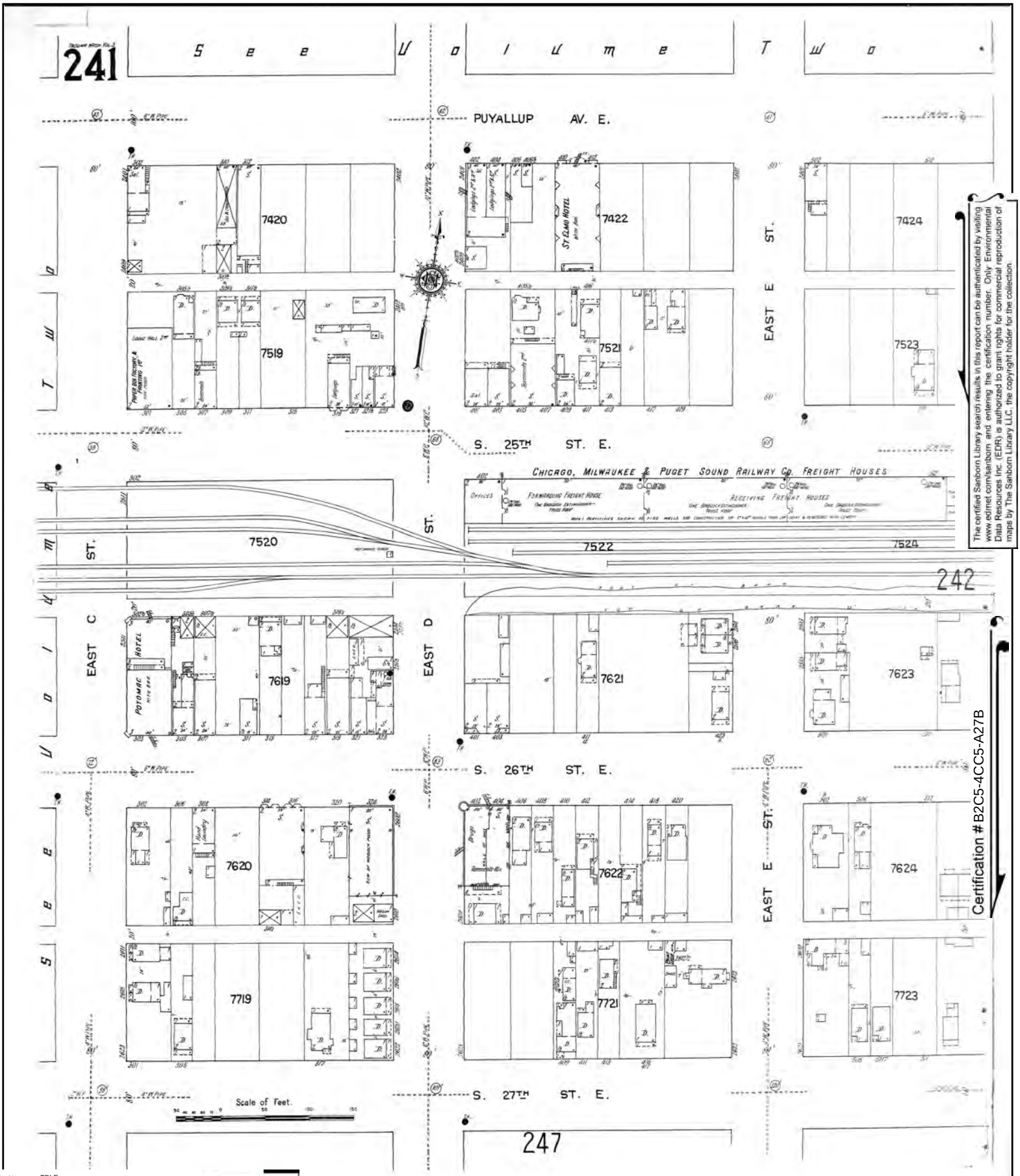

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

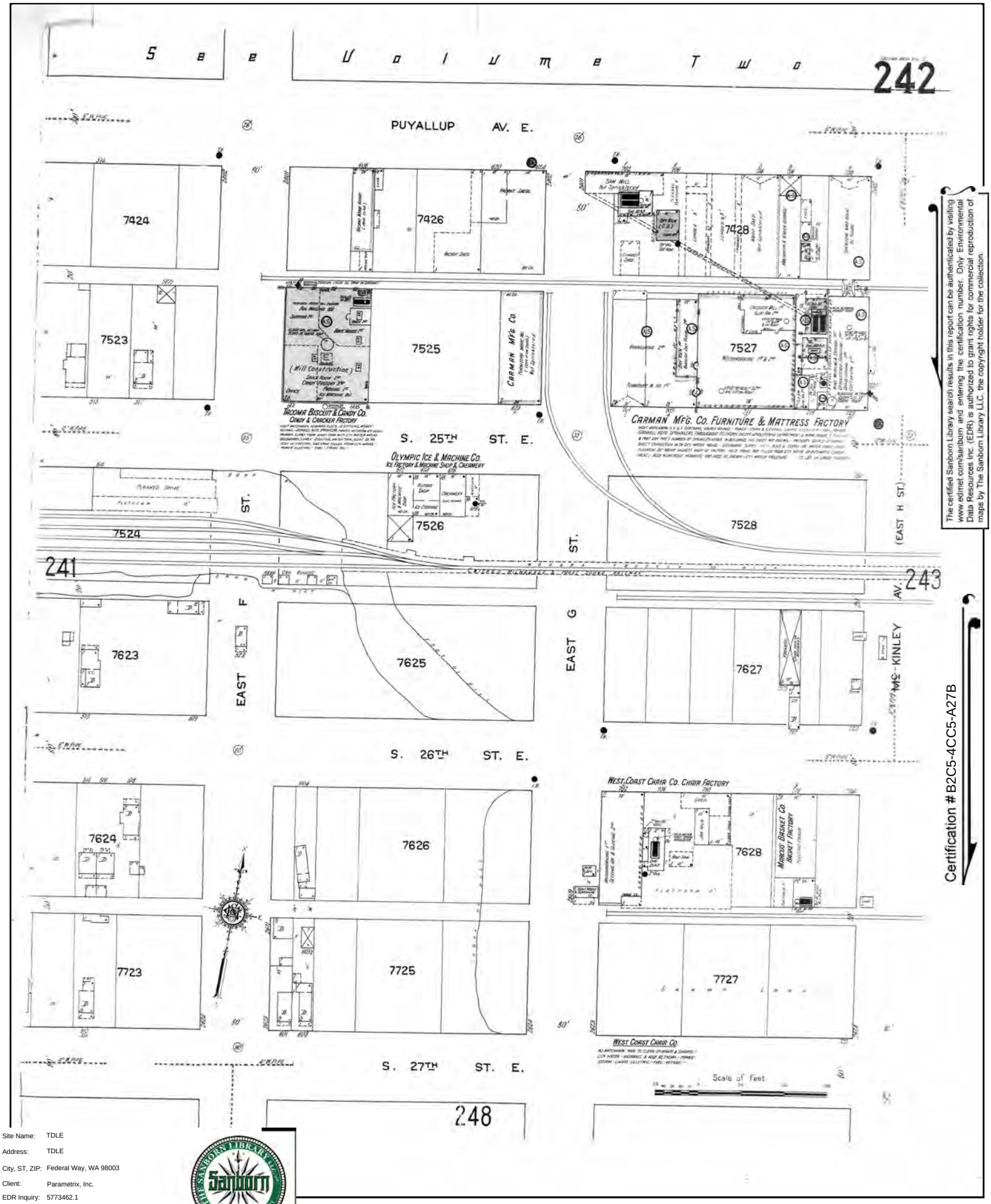

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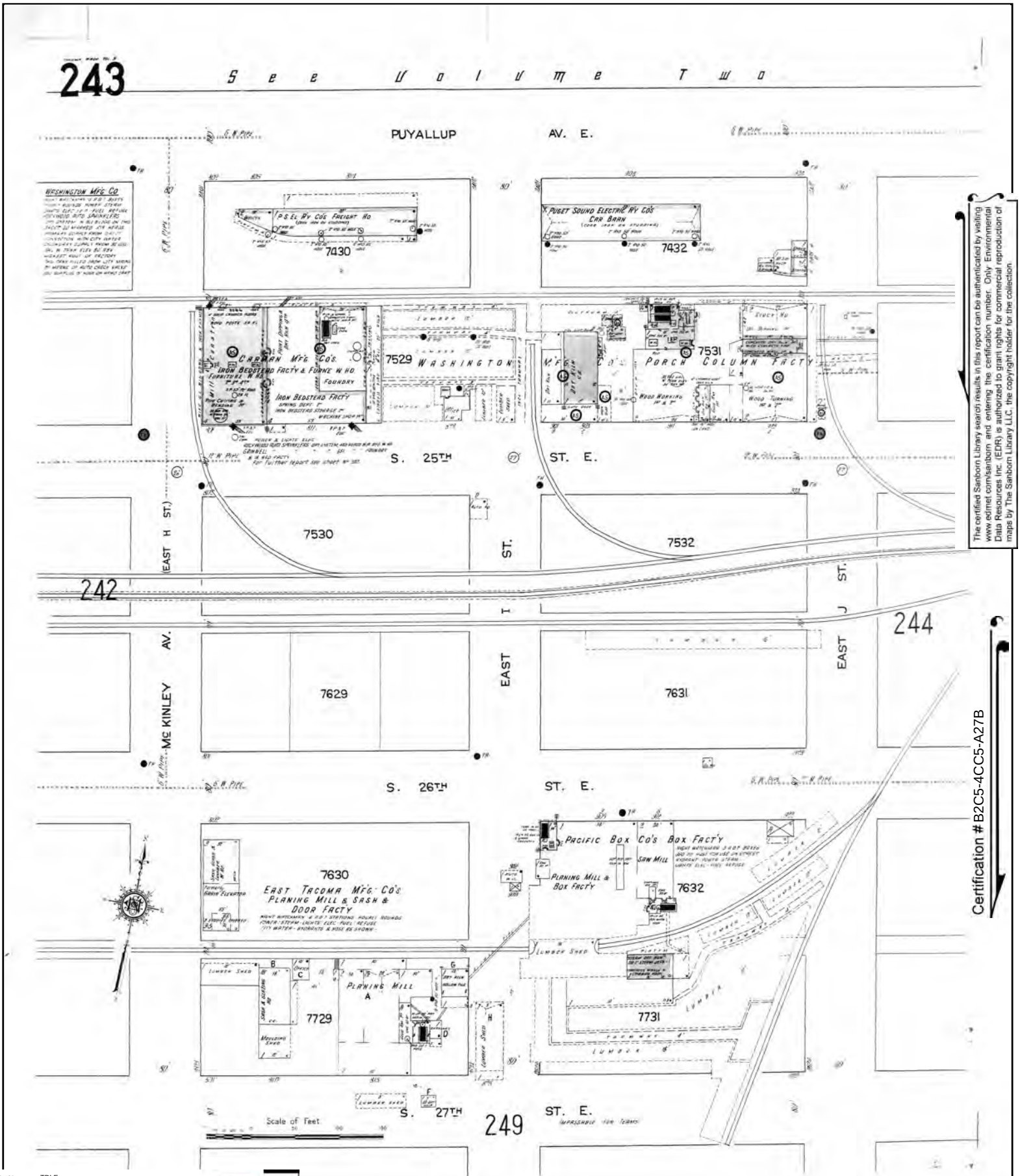

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Copyright	1912

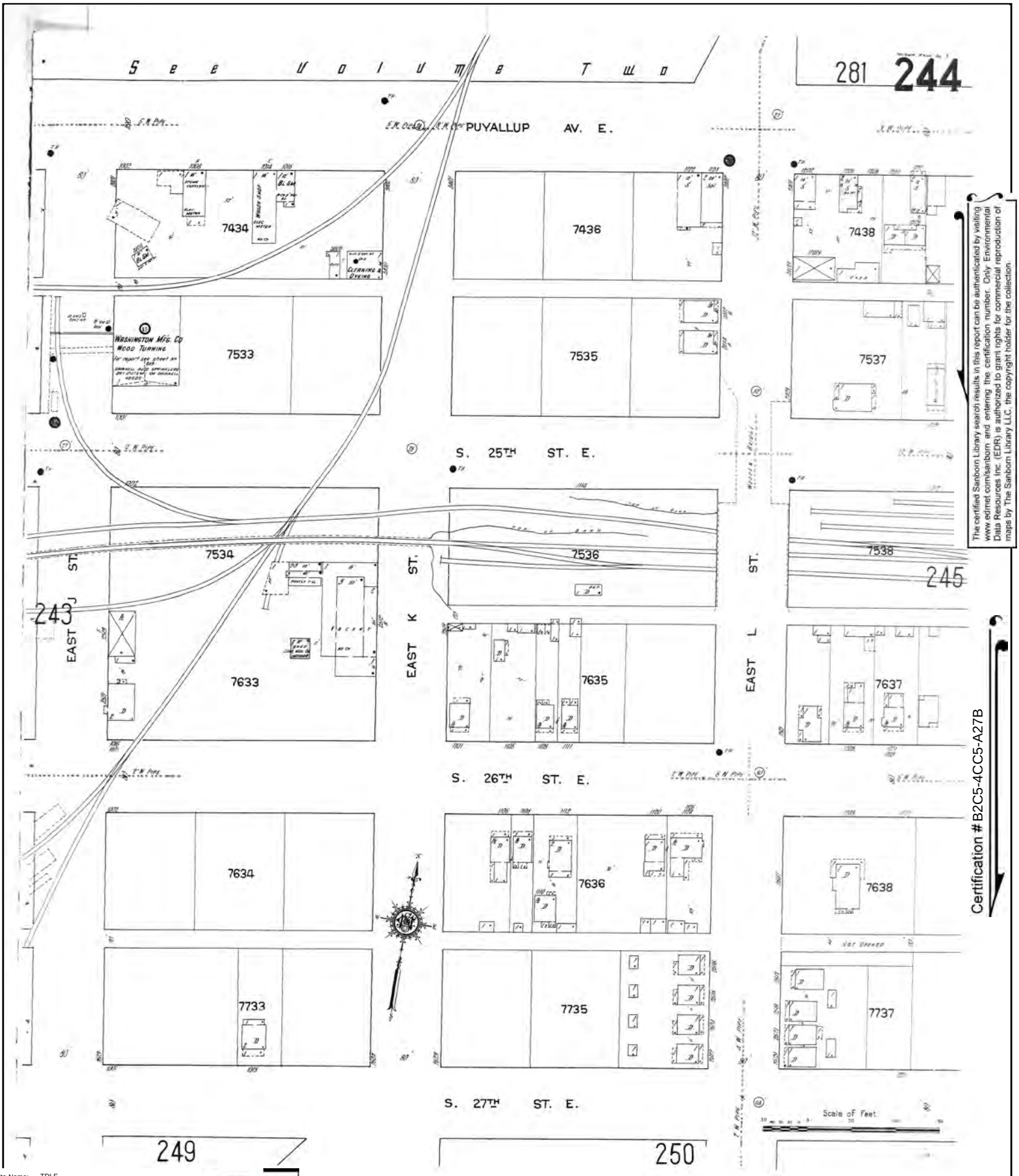

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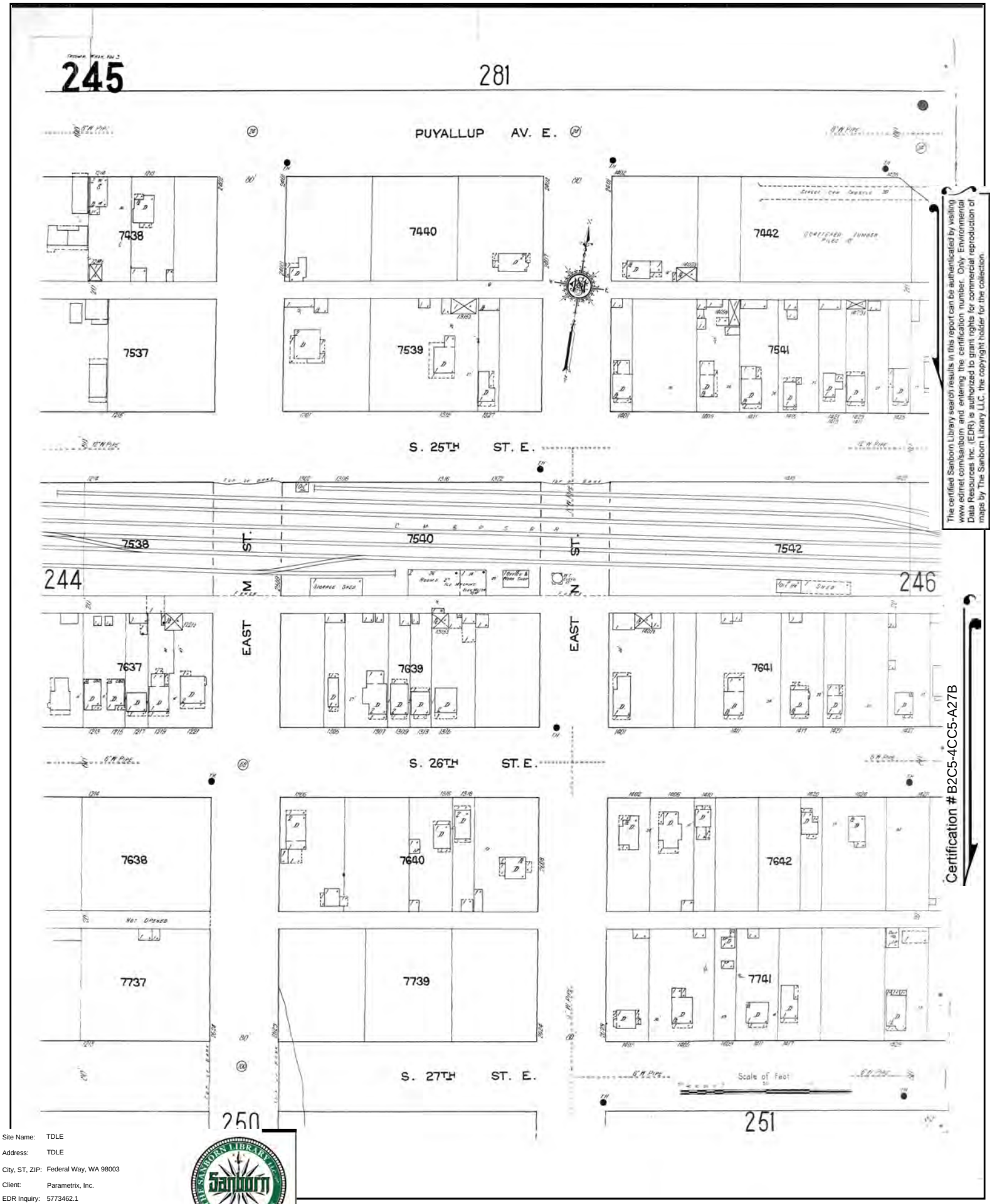

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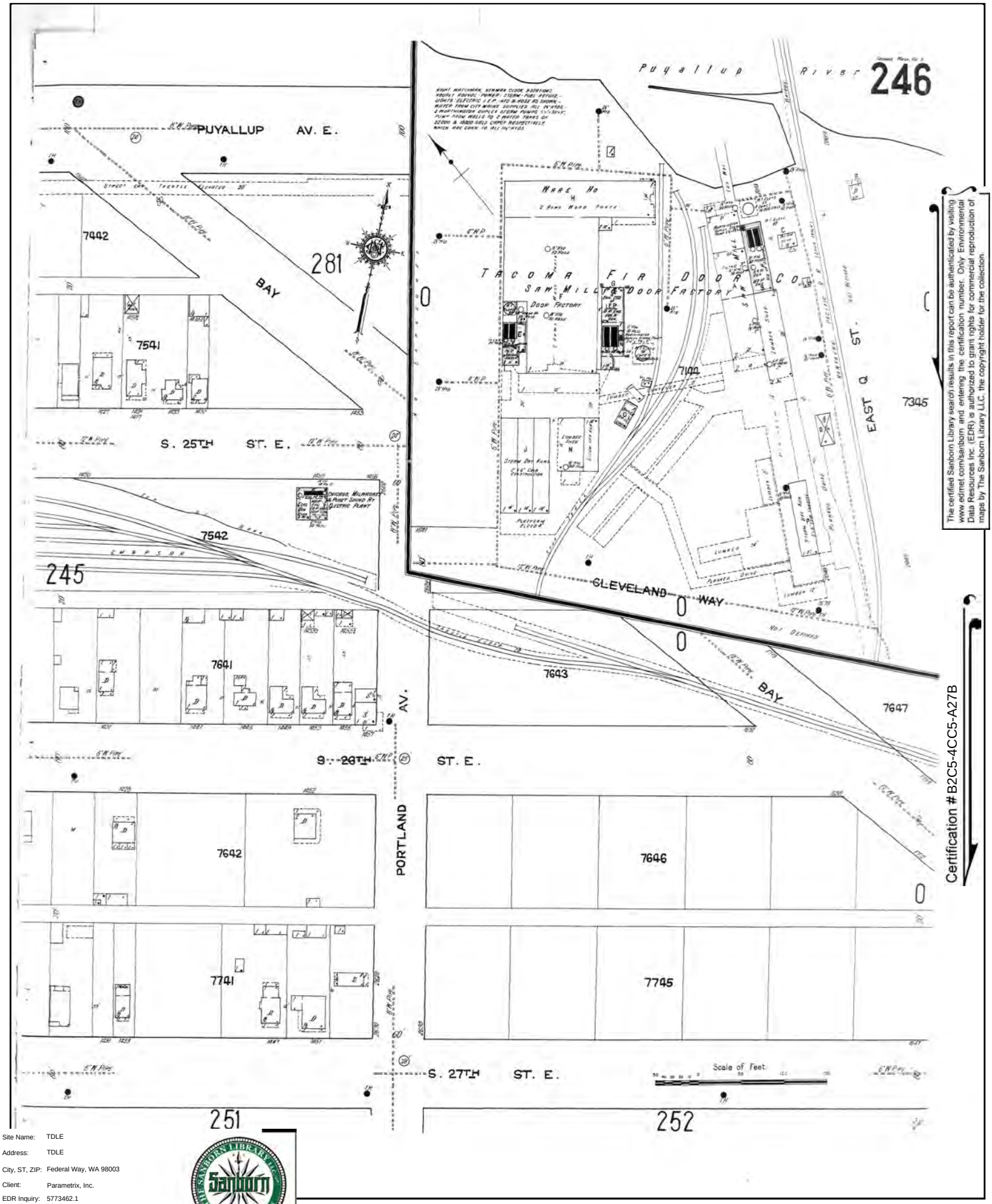

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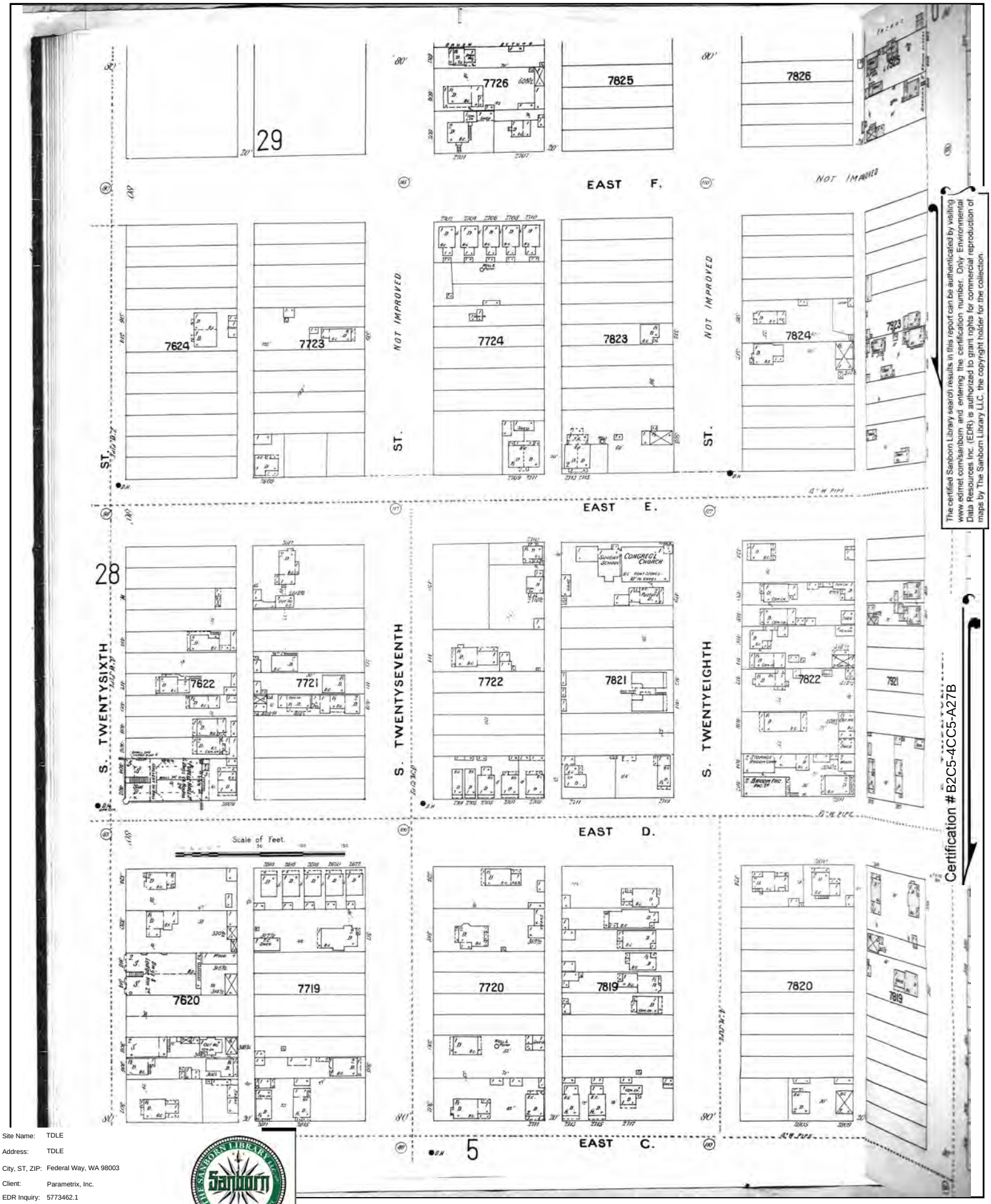

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

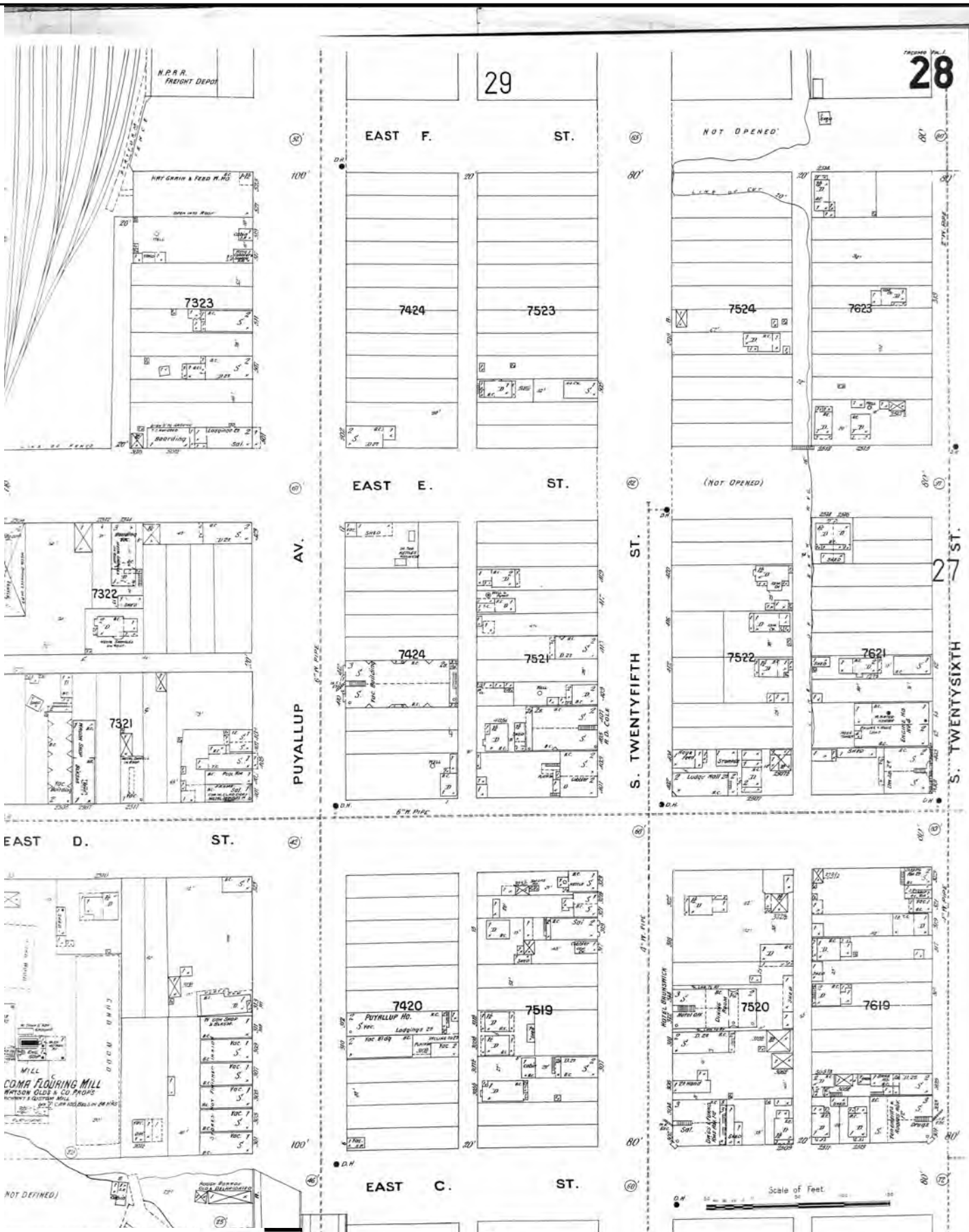

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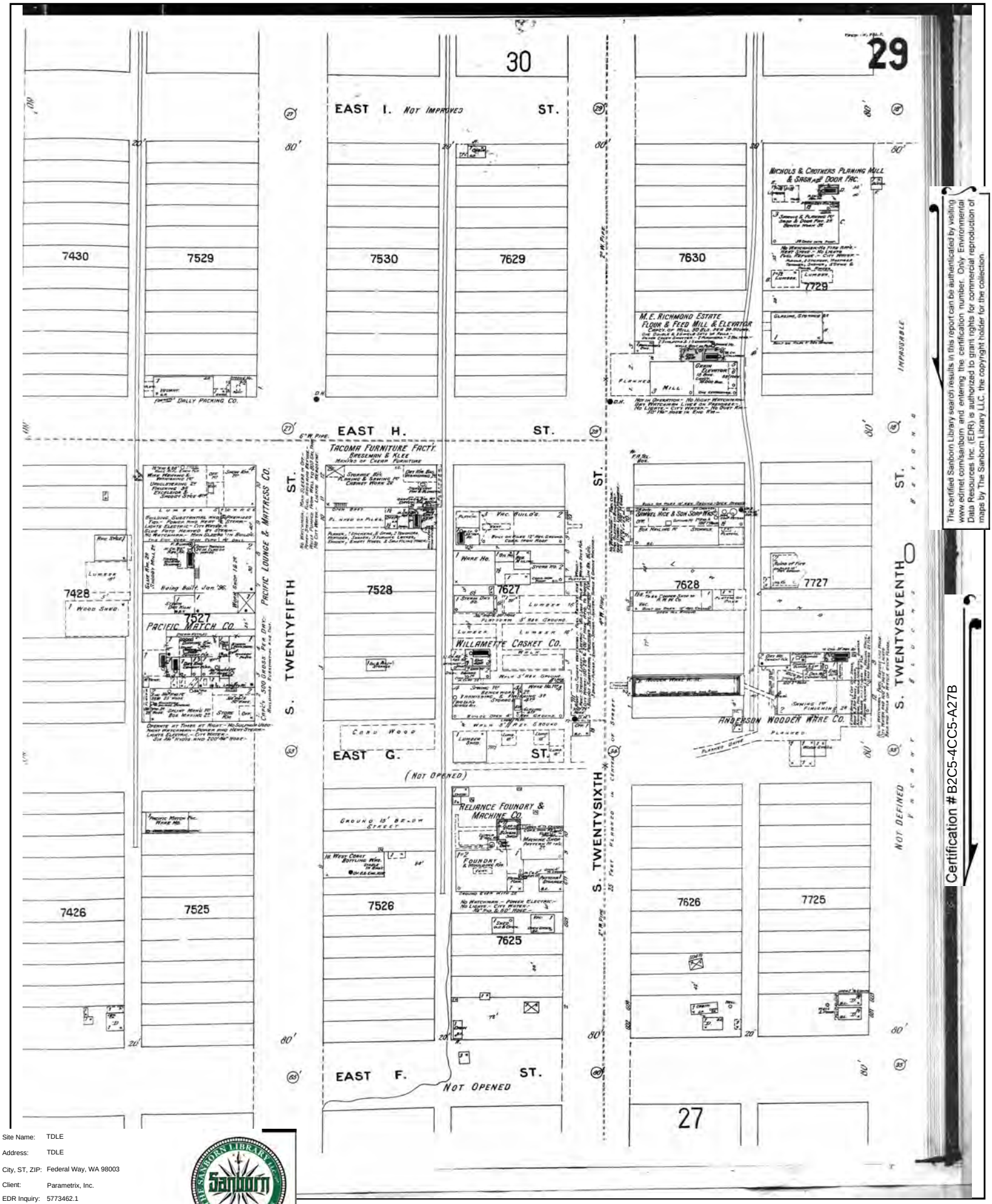

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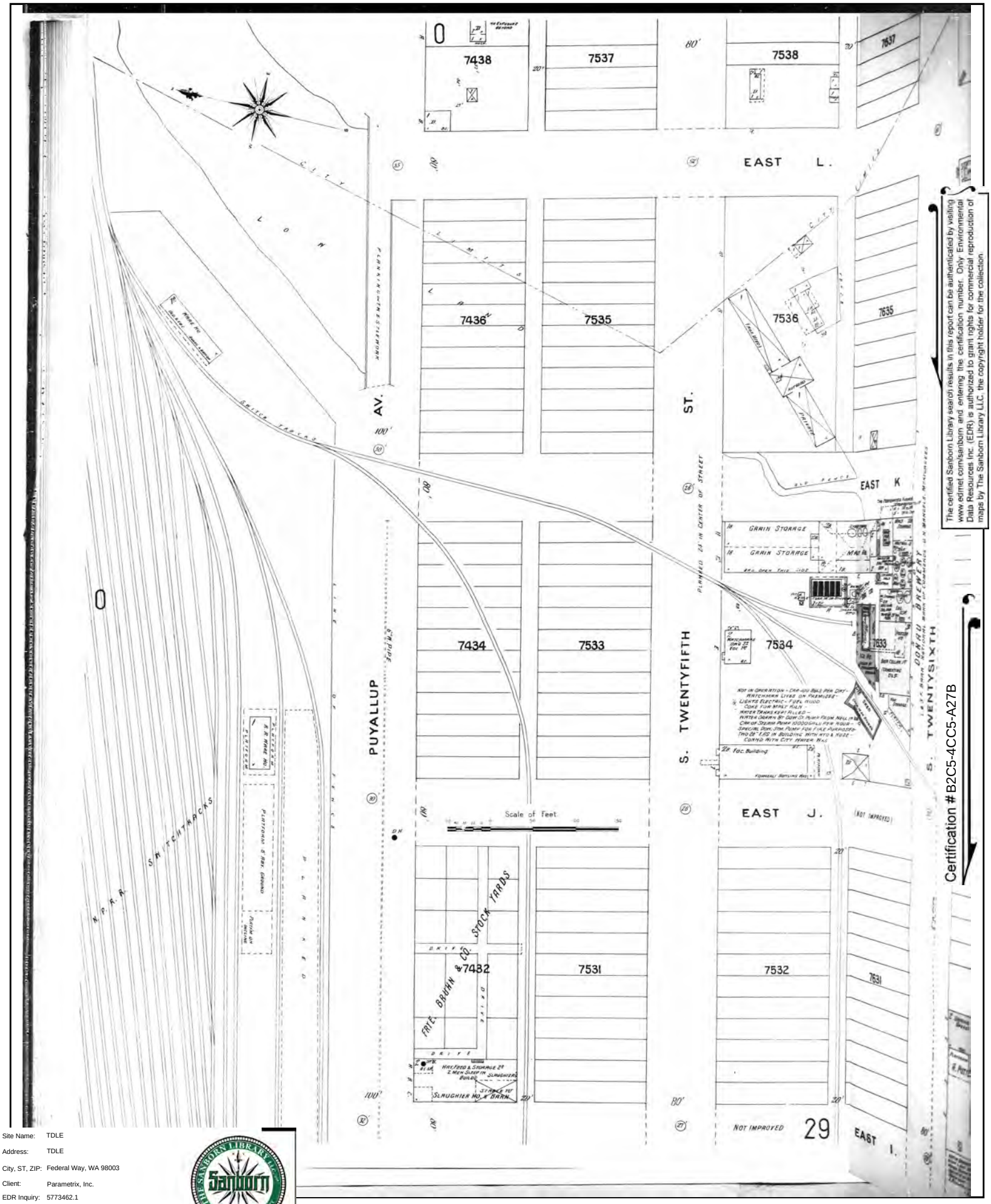

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Copyright	1896

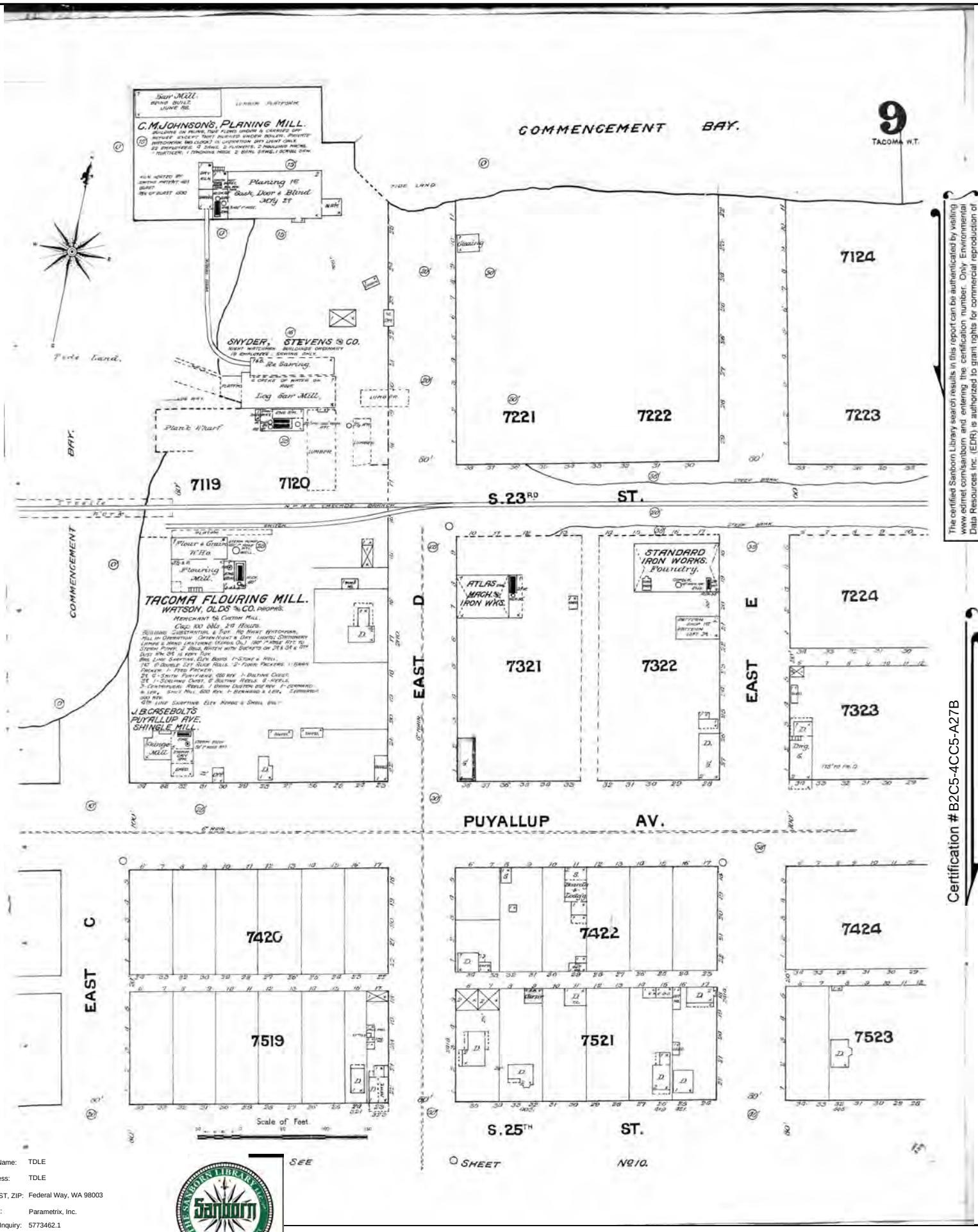

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Certification #	B2C5-4CC5-A27B
Copyright	1888

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-1
1941 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-2
1943-1944 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-3
1957 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

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3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-4
1968 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

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3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-5
1972 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

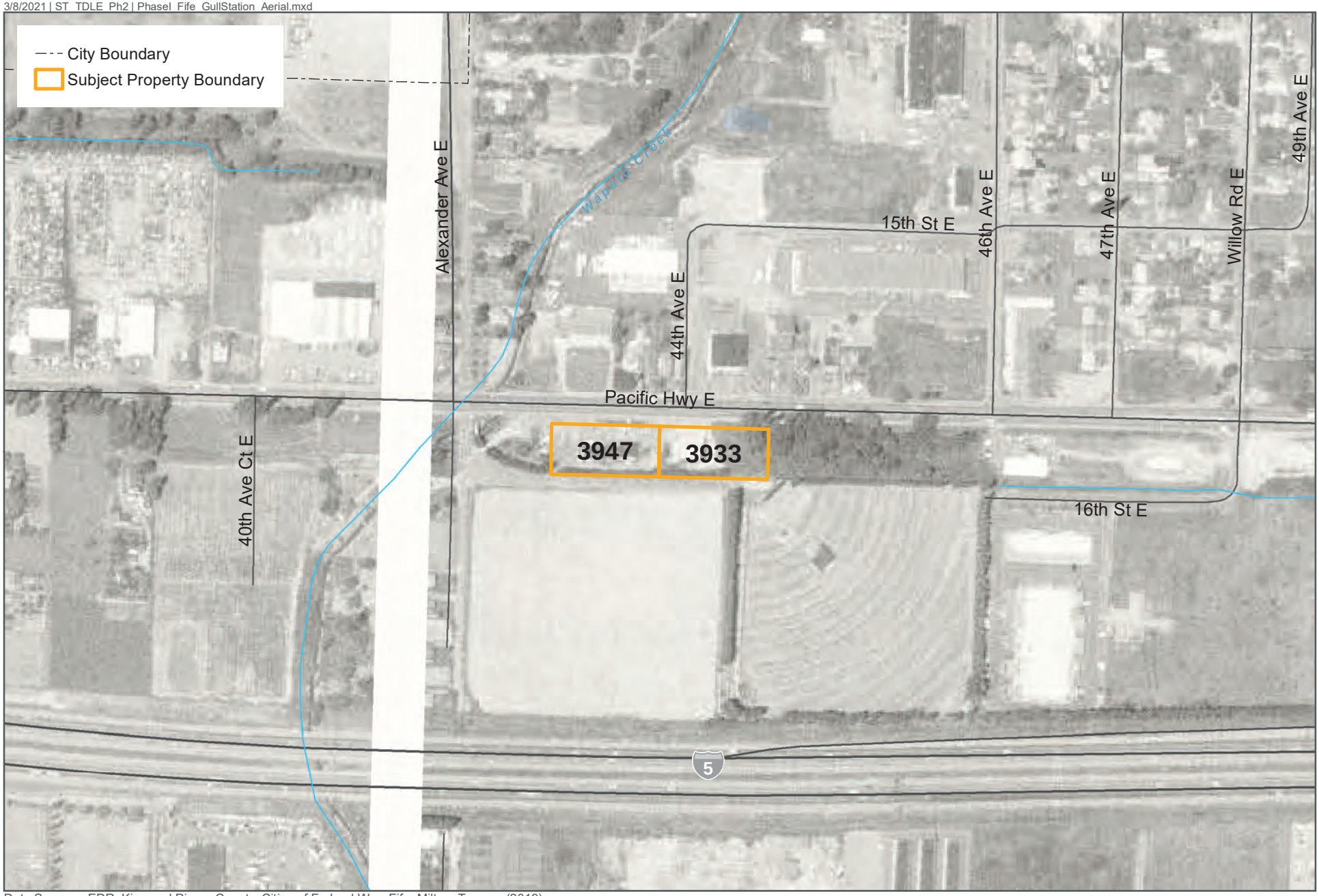

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-6
1980 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

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3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-7
1990 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

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3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-8
2006 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-9
2009 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-10
2013 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_GullStation_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-11
2017 Aerial Imagery
Gull Station
4310 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Appendix E

Site Photographs

Photo 1. Subject property TD 3947 and TD 3933, looking east.

Photo 2. Subject property, looking northeast at the pump island on the west side of the property.

Photo 3. Subject Property, looking south at the convenience store. UST field is visible to the north of the convenience store.

Photo 4. Subject property, looking east at the pump island on the west side of the property.

Photo 5. Subject property, looking southwest. Monitoring wells on the northern boundary of the subject property.

Photo 6. Monitoring wells throughout property.

Appendix F

Supporting Documents

State of Washington
POLLUTION LIABILITY INSURANCE AGENCY
300 Desmond Drive SE• PO Box 40930• Olympia, Washington 98504-0930
(360) 407-0520• (800) 822-3905 • FAX (360) 407-0509
www.plia.wa.gov

May 12, 2020

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd., Suite 400
Vancouver, WA 98660

Re: Remedial Investigation Report pursuant to Independent Remedial Action at the following Hazardous Waste Site:

- **Facility/Site Name:** PetroCard Inc.
- **Facility/Site Address:** 4310 Pacific Hwy E., Fife, WA 98424
- **Facility/Site ID:** 48521859
- **PTAP Project No.:** PSW025

Dear Ms. D'Andrea:

I have completed my review of the Remedial Investigation (RI) Report for the PetroCard Inc. site by Maul Foster & Alongi.

This letter constitutes an advisory opinion regarding a review of submitted documents/reports listed below pursuant to the substantive requirements of the Model Toxics Control Act (MTCA) and its implementing regulations, Chapter 70.105D RCW and WAC 173-340-515 (Independent Remedial Actions), for characterizing and addressing releases discussed below at the Site.

Issue Presented and Opinion

Does the Remedial Investigation (RI) Report contain sufficient information to characterize the nature and extent of contamination at this Site?

Yes, the Pollution Liability Insurance Agency (PLIA) tentatively concurs, with additional comments provided below, that the submitted RI Report contains sufficient information to characterize the nature and extent of contamination at this Site.

<u>Data gaps identified in the RI and discussed below, must be integrated as part of the next phase of the feasibility study (FS) submittal for this Site</u>.

- **Groundwater**:
  i. <u>City of Fife storm-water mounding:</u> Because of drainage issues in the city of Fife (the City) storm water system that resulted in the observed standing water in manholes at elevations above manhole inlet and outlet discharging pipes at the site, the current groundwater elevation maps may not be representative of the site groundwater dynamics. For the FS, please revise the groundwater flow maps (Figs. 5 & 6) appropriately. Identify to what extent the shallow groundwater, the surface storm water, catch basins and oil water separators and the petroleum contaminated groundwater (PCGW) are interacting and to preclude unauthorized off property discharges of PCGW (PLIA Modified Figs. 3B & 4B and Figs. 5 & 6).

  ii. <u>Down-gradient point of compliance (POC) wells:</u> PLIA also concurs with the RI conclusions that critical data gap exists down gradient of the Site, north-northwest (Fig. 4). PLIA also noted that additional groundwater monitoring wells are needed elsewhere at the site: south-southwest and north-northwest of the Site (PLIA-Modified Fig. 4B). PLIA-Modified Fig. 4B shows the MTCA boundary based on 500 ug/l for TPH-d/o and please include PLIA proposed monitoring wells in this figure as part the data gaps for the PCGW at this Site. If petroleum contamination is detected above the state soil/groundwater cleanup levels at the new proposed groundwater monitoring well locations (PLIA-Modified Fig. 4B), the RI iteration process requires that you 'step-out' beyond that location in an attempt to bound the plume to set POC. The soil/groundwater POC locations must not exceed state cleanup levels.

- **<u>Soil:</u>** Please update the MTCA boundary for the PCS based on the appropriate cleanup level for the indicator hazardous substance for the Site (Fig 3). PLIA-Modified Fig. 3B depicts the MTCA boundary for the TPH-d based on the Method A cleanup level of 2.000 mg/kg.

- **<u>Vapor</u>**: Baseline soil vapor assessment (Tier 1) may be needed as part of the FS evaluation due to the presence of precluding factors (preferential pathways) like utility corridors (Fig. 2) that act as migration routes for vapors associated with the PCS and PCGW above the Method A CULs (PLIA-Modified Figs. 3B and 4B) where the harmful vapor may pose a threat to indoor air.

- **<u>FS Report:</u>** This RI Report is tentatively approved and it's PLIA's expectation that the data gaps identified herein be integrated as part of the FS Report submittal while the FS evaluates the preferred remedial action alternative for this Site.

Description of the Site

This opinion applies only to the Site located at 4310 Pacific Hwy E., Fife, WA 98424 and comprises two Pierce County tax parcels described below (Fig. 1). This opinion does not apply to any other release(s) that may affect the Property (parcel). Any such releases, if known, are identified separately below.

1. Description of the Properties and Tax Parcels within the Site:

The Property includes the following tax parcel(s) in Pierce County, affected by the Site and addressed by your cleanup (Fig. 1):

- Tax Parcel No. 0320013136
- Tax Parcel No. 0320013141

2. Description of the Site:

The parcels make up the Site and is defined by the nature and extent of contamination associated with the following release (PLIA Modified Figs. 3B & 4B):

- Total petroleum hydrocarbons as gasoline, diesel & oil (TPH-g, TPH-d & TPH-o) and associated benzene, toluene, ethylbenzene and xylenes (BTEX) and potentially naphthalene and cPAHs into the soil/groundwater/vapor.

3. Identification of other Sites that may affect the Property.

Please note a parcel of real property can be affected by multiple sites. At this time, we have no information that this Property was affected by other sites.

Enclosure A includes a diagram of the Site, as currently known to PLIA.

Basis of the Opinion

1. Remedial Investigation Report, PETROCARD Fife Cardlock, 4310 Pacific Hwy E. Fife WA 98424 by MFA Project No. 0228.31.04 of April 27, 2020.

Documents submitted to PLIA are subject to the Public Records Act (Chapter 42.56 RCW). To request public records, please email pliamail@plia.wa.gov.

This opinion is void if any of the information contained in the document(s) is materially false or misleading.

Please Note:

Remedial Investigation/Feasibility Studies (RI/FS): To ensure completeness of the substantive requirements of the MTCA as you develop the RI/FS per WAC 173-340-350, please see the Department of Ecology (Ecology) Checklist publication numbers 16-09-006 and 16-08-007 May 2016 for the RI/FS respectively.

Cleanup Action Plan (CAP): Also for the CAP per WAC 173-340-360 through 450; additionally, to ensure that cleanup standards have been appropriately set and applied, incorporating all potential exposure pathways and receptors, in accordance with WAC 173-340-700 through 760; please see the Ecology CAP Checklist publication no. 16-09-008 May 2016.

Report Template: Your Reporting must meet the substantive requirements of the MTCA described in WAC 173-340-350(7) and WAC 173-340-840 and for a suggested reporting template including the rest of the publications mentioned above, please follow this link: https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Cleanup-report-checklists-and-templates

Closure of Low Risks Petroleum Sites in the State: To expedite and streamline the closure of low risks petroleum sites in the state of Washington, please see Ecology's published Model Remedies for soil, groundwater, vapor and empirical demonstration (to demonstrate that soil concentrations measured at a contaminated site have not caused, and will not cause, an exceedance of the applicable groundwater cleanup levels) guidelines at the following link: https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/MTCA-model-remedies

Natural Attenuation Guidance: This link also provides guidance and calculation tools for demonstrating natural attenuation of groundwater is occurring and enable prediction of when groundwater cleanup levels will be met as part of your multiple lines of evidence to support, streamline and expedite site closures. https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Clean-up-petroleum-contamination

Limitations of the Opinion

1. Opinion does not settle liability with the state.

Under the MTCA, liable persons are strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release(s) of hazardous substances at the Site. This opinion **does not:**

- Change the boundaries of the Site.
- Resolve or alter a person's liability to the state.
- Protect liable persons from contribution claims by third parties.

To settle liability with the state and obtain protection from contribution claims, a person must enter into a consent decree with the Office of the Attorney General and Ecology under RCW 70.105D.040 (4).

2. Opinion does not constitute a determination of substantial equivalence.

To recover remedial action costs from other liable persons under the MTCA, one must demonstrate that the action is the substantial equivalent of an Ecology-conducted or Ecology- supervised action. This opinion does not determine whether the action you performed is equivalent. Courts make that determination (RCW 70.105D.080 and WAC 173-340-545).

3. State is immune from liability.

The state, PLIA, and its officers and employees are immune from all liability, and no cause of action of any nature may arise from any act or omission in providing this opinion.

Contact Information

Thank you for choosing to clean up your property under the PLIA Petroleum Technical Assistance Cleanup Program (PTAP). If you have any questions about this opinion, please contact me by phone at 1-800-822-3905, or by email at nnamdi.madakor@plia.wa.gov.

Sincerely,

Nnamdi Madakor, P. HG, P.G.
Technical Programs Manager

Nm: nm

Enclosure A: Fig. 1: Vicinity Site Map
Fig. 2: Site Plan & Utility Corridors Map
Fig. 3: Soil Analytical Result Map
PLIA-Modified Fig. 3B: Soil Analytical Result Map
Fig. 4: Groundwater Analytical Result Map
PLIA-Modified Fig 4B: Groundwater Analytical Result Map
Fig. 5: Groundwater Flow November 2019 Map
Fig. 6: Groundwater Flow February 2020 Map

cc: Mr. Wes Sherman, PetroCard Inc. (email only)
Ms. Carrie Pederson, PLIA (email only)
Ms. Kristin Evered, PLIA (email only)
Mr. Khan Adams, Great American Insurance (email only)

Enclosure A:
PetroCard Inc. Fife Cardlock Site
PTAP Project No. PSW025

Fig. 1: Site Vicinity Map

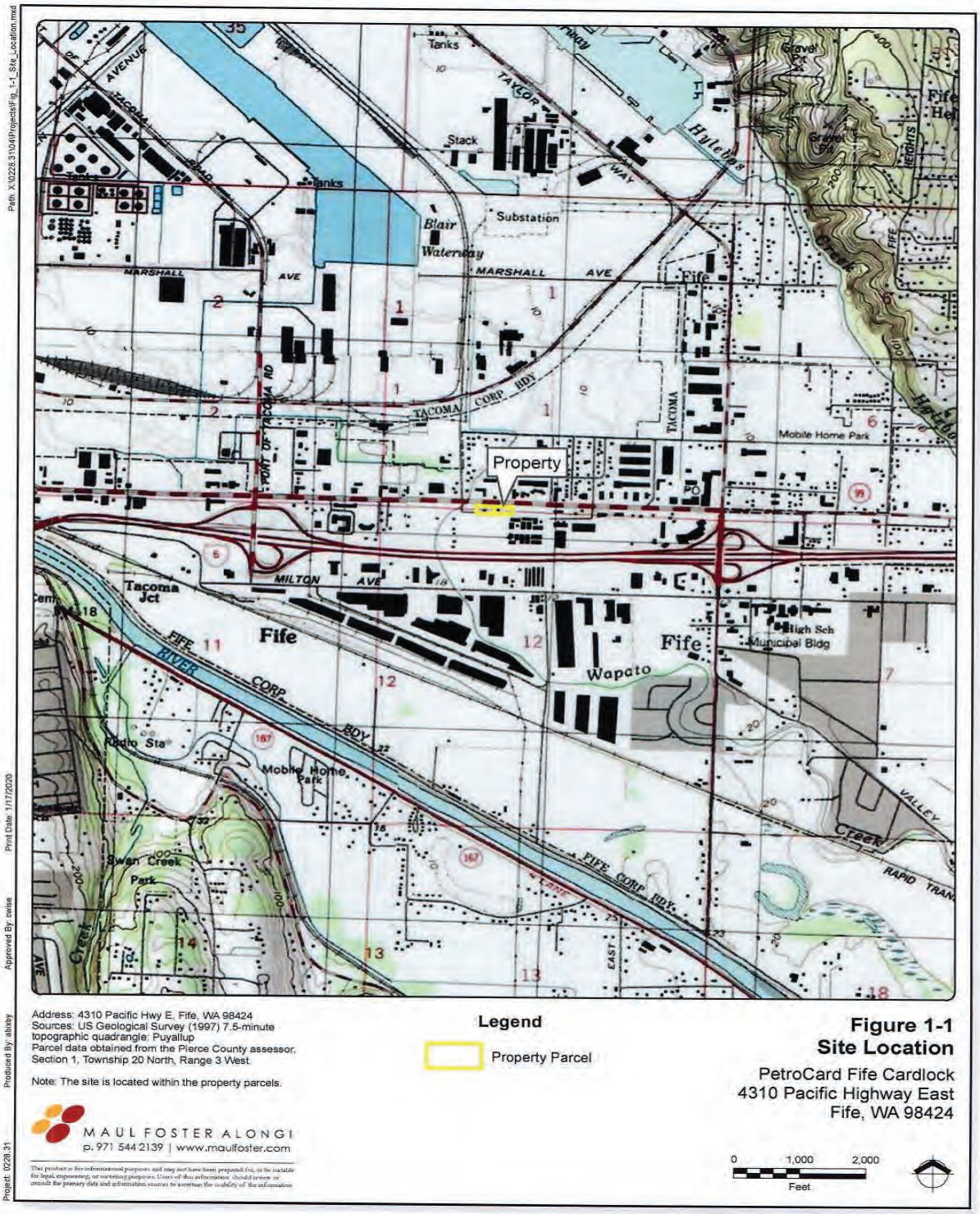

Address: 4310 Pacific Hwy E, Fife, WA 98424
Sources: US Geological Survey (1997) 7.5-minute topographic quadrangle: Puyallup
Parcel data obtained from the Pierce County assessor.
Section 1, Township 20 North, Range 3 West.

Note: The site is located within the property parcels.

Legend

Property Parcel

Figure 1-1
Site Location

PetroCard Fife Cardlock
4310 Pacific Highway East
Fife, WA 98424

0 1,000 2,000
Feet

MAUL FOSTER ALONGI
p. 971 544 2139 | www.maulfoster.com

This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Fig. 2: Site Plan & Utility Corridors Map

Fig. 3: Soil Analytical Result Map

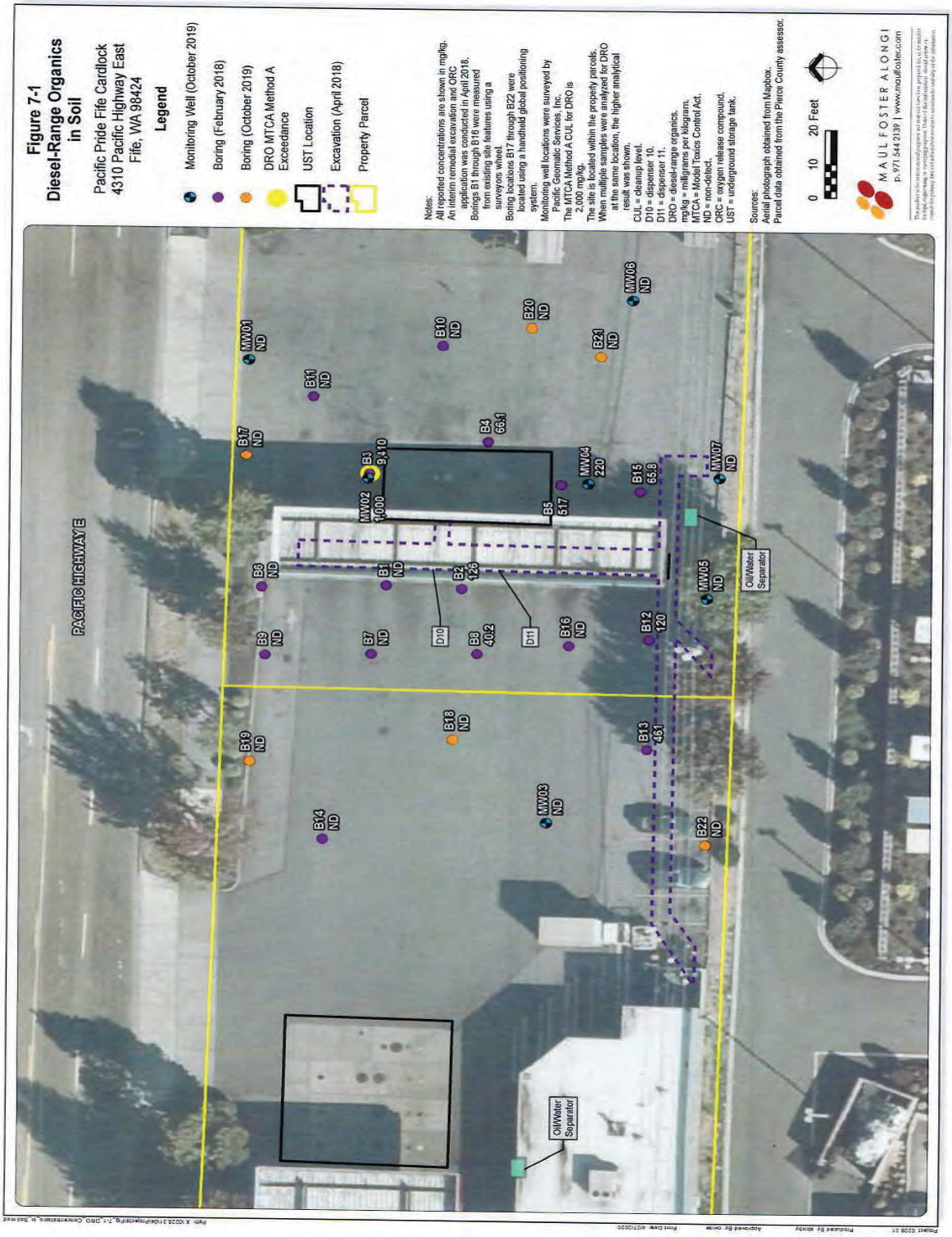

PLIA-Modified Fig. 3B: Soil Analytical Result Map

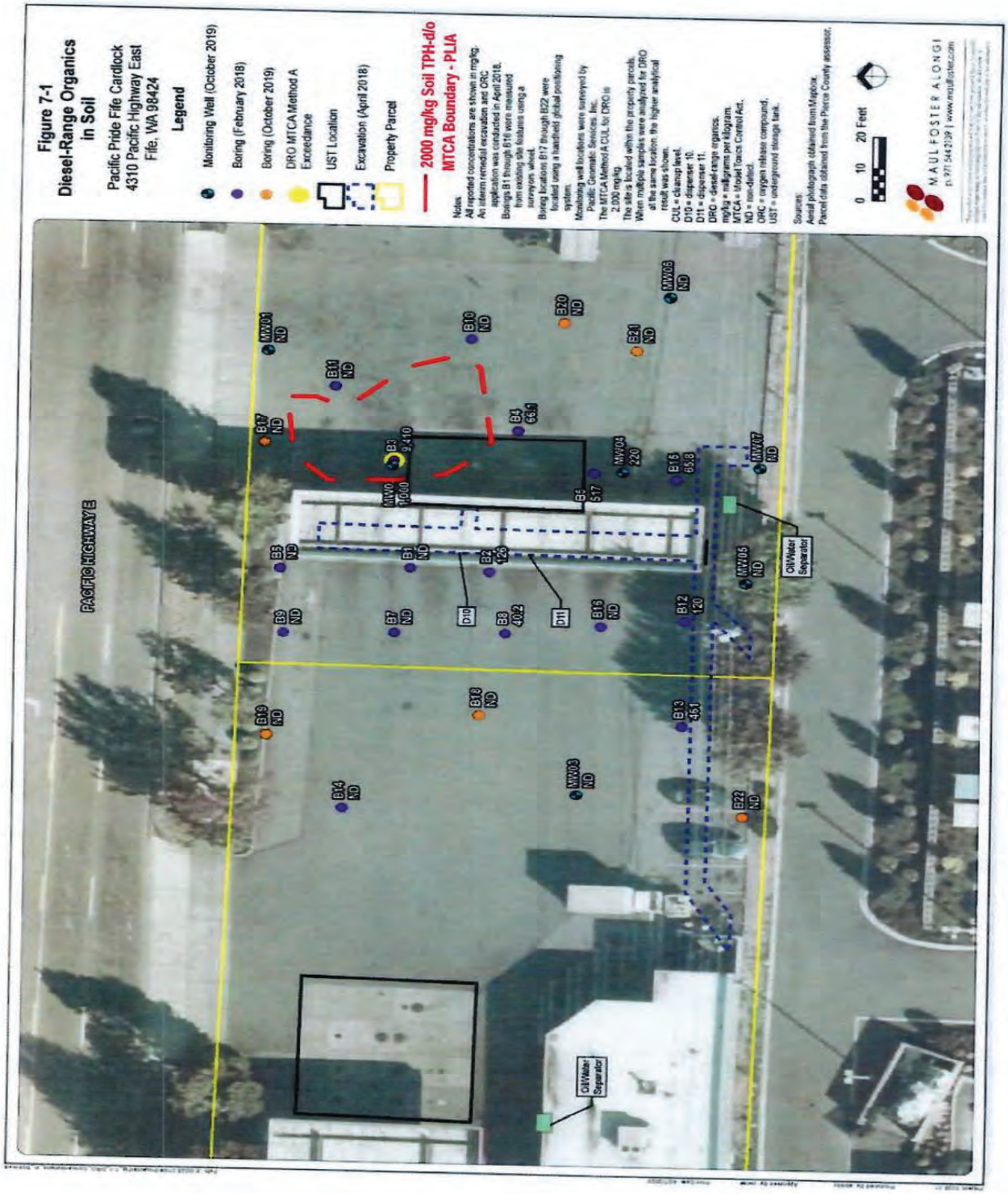

Fig. 4: Groundwater Analytical Result Map

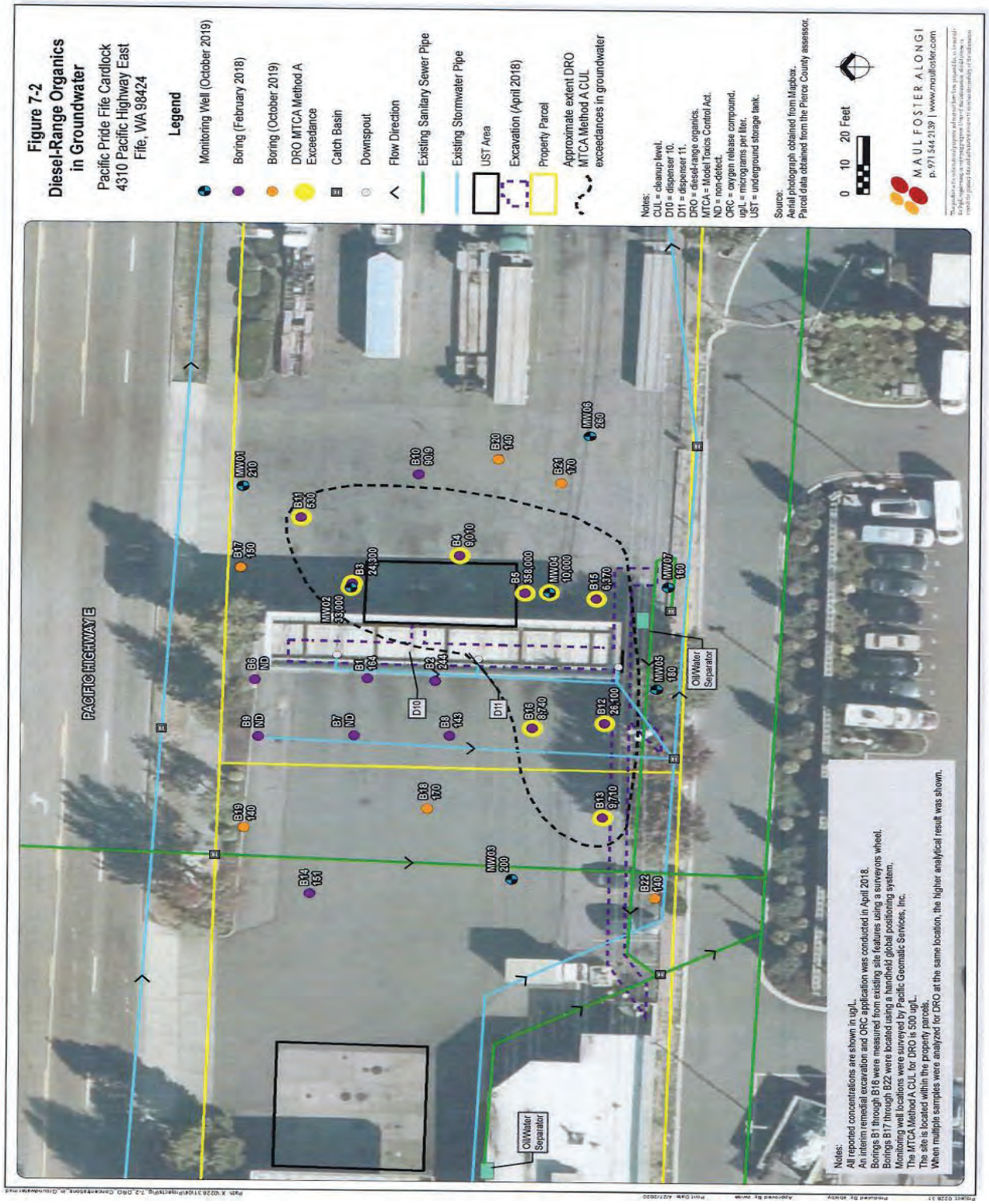

PLIA-Modified Fig 4B: Groundwater Analytical Result Map

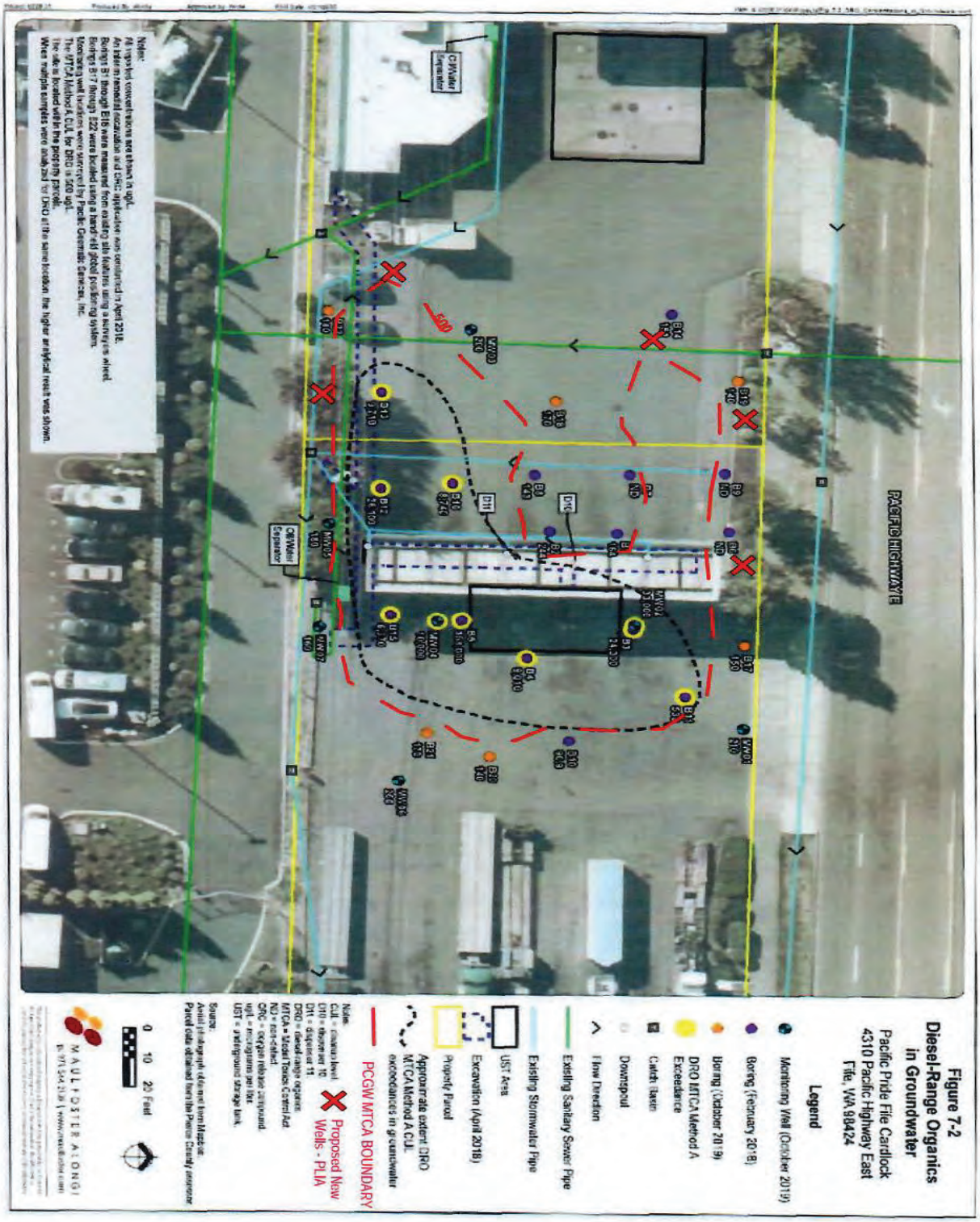
Figure 7-2
Diesel-Range Organics in Groundwater
Pacific Pride File Cardlock
4310 Pacific Highway East
Fife, WA 98424
Legend
Monitoring Well (October 2019)
Boring (February 2018)
Boring (October 2019)
DRO MTCA Method A Exceedance
Catch Basin
Downspout
Flow Direction
Existing Sanitary Sewer Pipe
Existing Stormwater Pipe
UST Area
Excavation (April 2018)
Property Parcel
Approximate extent DRO MTCA Method A CUL exceedances in groundwater
PCGW MTCA BOUNDARY
Proposed New Wells - PLIA
Note:
CUL = cleanup level
DRO = diesel-range organics
MTCA = Model Toxics Control Act
ND = not detected
ug/L = micrograms per liter
UST = underground storage tank
Source:
Aerial photograph data and parcel data obtained from the Pierce County assessor
0 10 20 Feet
MAUL FOSTER ALONGI
PACIFIC HIGHWAY E
CB Water Separator
CB Water Separator
MW-01
MW-02
MW-03
MW-04
MW-05
MW-06
MW-07
MW-08
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MW-10
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B-40

Fig. 5: Groundwater Flow November 2019 Map

Fig. 6: Groundwater Flow February 2020 Map

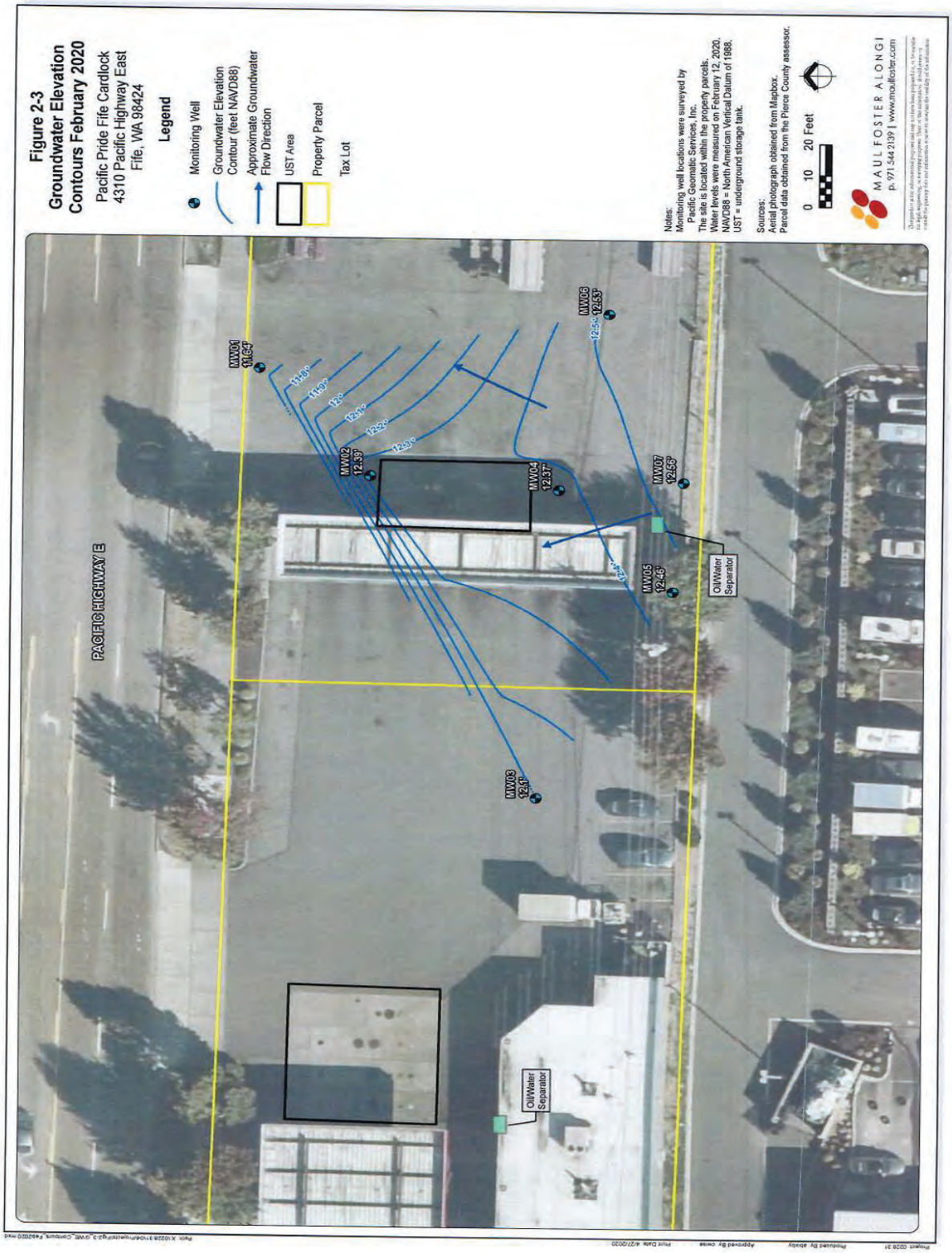

0320013136 4310 PACIFIC HWY E

Print

Address:
4310 PACIFIC HWY E
FIFE, WA 98424

Status: Active
Zone:
Sec/Twn/Rng: 012003
Quarter: 34
Neighborhood:
Subdivision:

Owner:
THORP PROPERTIES INC
2450 33RD AVE W
#107
SEATTLE, WA 98199

Applications:
Pending: 0
Issued: 1
Closed: 31

Legal Description:
Section 01 Township 20 Range 03 Quarter 34 :THAT PORT OF SE OF SW LY S OF S LIPACIFIC HWY E EXC THAT POR LY E OFW 514.5 FT THEREOF & EXCW 241.5 FT THEREOF TOG/W PORPSH #1 ABUTT VAC UNDERAFN 80-12-01-0146 SUBJ TO EASEDBLR 85-05-01-0315OUT OF 521540-018-0 &03-20-01-3-018 SEG W-0416 JU ES

Details Assessed Value Applications

Details

Parcel Square Footage: 35284
Parcel Acres:

Assessed Value

Year	Taxable Assessed Value	Class	Tax Code	Tax Status
2021	$1,343,200.00			
2020	$1,362,800.00			
2019	$1,323,800.00			
2018	$1,177,900.00			
2017	$1,264,400.00			
2016	$1,364,300.00			

Year	Taxable Assessed Value	Class	Tax Code	Tax Status
2015	$1,364,300.00		066	T
2014	$1,364,300.00		066	T
2013	$1,322,800.00		066	T
2012	$1,365,400.00		066	T
2011	$1,398,400.00		066	T
2010	$1,398,400.00		066	T
2009	$0.00		065	T

Applications

MEC18-0072 (/PermittingPublic/PermitDetailPublic/Index/f71b799e-7549-49b2-a71f-a9a6012fdd56)
Mechanical Permit
Issued

Submitted: 11/28/2018
Issued: 11/28/2018
Closed:

Project Description

REPLACE ROOFTOP HEAT PUMP UNIT

BLD18-0047 (/PermittingPublic/PermitDetailPublic/Index/8d9070bc-57a1-43d4-b175-a8cb011ab711)
Alt Com Building Permit
Closed

Submitted: 4/20/2018
Issued: 5/17/2018
Closed: 12/14/2018

Project Description

INSTALL 20,000 GALLON UST

DEM18-0002 (/PermittingPublic/PermitDetailPublic/Index/0352c4ee-ab18-462b-b409-a8c7014d8bc8)
Demolition Permit
Closed

Submitted: 4/19/2018
Issued: 4/23/2018
Closed: 5/8/2018

Project Description

REMOVE A DAMAGED UST

PLM18-0018 (/PermittingPublic/PermitDetailPublic/Index/6715c4f7-f1ea-4e15-ba68-a8ba010168fb)
Plumbing Permit
Closed

Submitted: 4/6/2018
Issued: 4/17/2018
Closed: 6/1/2018

Project Description

INSTALL RPBA-1” LF009M2QT in the horizontal orientation

ROW18-0037 (/PermittingPublic/PermitDetailPublic/Index/880a3a44-f9ec-4cdc-8fcf-a8ba0104759b)
Right of Way Permit
Closed

Submitted: 4/6/2018
Issued: 4/17/2018
Closed: 6/1/2018

Project Description

ACCESS ROW TO INSTALL RPBA

SWR18-0008 (/PermittingPublic/PermitDetailPublic/Index/fa0367b9-b3e0-4730-a15c-a87a015157d5)
Sewer Main Extension
Closed

Submitted: 2/1/2018
Issued: 2/2/2018
Closed: 11/3/2018

Project Description

Existing oil water separators are connected to storm; Re-pipe two existing oil water separators; this project will disconnect and connect to sewer.

BLD17-0162 (/PermittingPublic/PermitDetailPublic/Index/c7d29c85-7894-4165-be47-a7fb010a07ed)
Alt Com Building Permit
Closed

Submitted: 9/27/2017
Issued: 11/1/2017
Closed: 11/3/2018

Project Description

INSTALL DEF TANK & REPIPE DIESEL SYSTEM

BLD14-0096 (/PermittingPublic/PermitDetailPublic/Index/02bd9f48-e06d-41a7-a81f-97a1268b85e0)
Alt Com Building Permit
Closed

Submitted: 8/11/2014
Issued: 8/11/2014
Closed: 8/22/2014

Project Description

REPLACE WALKIN FREEZER BOX ONLY

BLD13-0184 (/PermittingPublic/PermitDetailPublic/Index/7e3af82d-b3d7-429a-b2b0-7afdd30c88bd)
Alt Com Building Permit
Closed

Submitted: 11/18/2013
Issued: 11/21/2013
Closed: 8/22/2014

Project Description

REMOVE OLD SIDING & SHEETROCK; REINSTALL SHEETROCK & METAL SIDING

BLD06-0399 (/PermittingPublic/PermitDetailPublic/Index/687a4422-96b0-4b13-882e-4158f422b6a4)
Alt Com Building Permit
Closed

Submitted: 7/31/2006
Issued: 8/4/2006
Closed: 8/7/2006

Project Description

INSTALL SIGN TO SHEET METAL ROOF - 5-#8 STAINLESS STEEL SCREWS ON TOP AND BOTTOM

SGN06-0046 (/PermittingPublic/PermitDetailPublic/Index/952b70ce-8d46-4bb6-a79c-dc944237ad0d)
Sign Permit - Wall
Closed

Submitted: 7/31/2006
Issued: 8/4/2006
Closed: 8/7/2006

Project Description

27X96" WALL SIGN MADE OF DIGOND 3 MM THICK PBC CORE SANDWICH WITH ALUMINUM SHEET

SGN06-0003 (/PermittingPublic/PermitDetailPublic/Index/15985784-cd12-4dac-ad89-218800ad780a)
Sign Permit - Temporary
Closed

Submitted: 1/26/2006
Issued: 1/26/2006
Closed: 1/26/2006

Project Description

HANG 1-60"x34" BANNER BETWEEN GAS SIGN POSTS FACING 54TH. FROM 01/26/06 THRU 02/09/06.

SGN05-0072 (/PermittingPublic/PermitDetailPublic/Index/f950778d-f961-40a0-9d87-a48489885737)
Sign Permit - Temporary
Closed

Submitted: 12/6/2005
Issued: 12/6/2005
Closed: 12/6/2005

Project Description

HANG 1-60"x34" BANNER BETWEEN GAS SIGN POSTS FACING 54TH. FROM 12/06/05 THRU 12/31/05.

SGN04-0069 (/PermittingPublic/PermitDetailPublic/Index/8826c2b9-b770-4a7f-a90a-bb865e89b5c4)
Legacy Sign Permit
Closed

Submitted: 9/20/2004
Issued: 9/20/2004
Closed: 9/20/2004

Project Description

2 - 3x10 BANNERS AND 1 3x4 A-BOARD GRAND OPENING STREAMERS DISPLAYED 9-20-04 THRU 10-20-04

VIO03-0068 (/PermittingPublic/PermitDetailPublic/Index/4c03862a-1d59-4d5d-9591-eece8ef38be6)
Legacy Violation
Closed

Submitted: 12/8/2003
Issued:
Closed: 12/8/2003

Project Description

Gull- displaying temp sign without a permit

SGN00-0006 (/PermittingPublic/PermitDetailPublic/Index/93c0ea9d-5be8-422d-9315-2b3c2d70c0b7)
Legacy Sign Permit
Closed

Submitted: 1/27/2000
Issued: 3/31/2000
Closed: 2/9/2000

Project Description

Two (2) wall logos (BP to "76" on canopy) Change out of freestanding sign (no charge)

PRJ00-0004 (/PermittingPublic/PermitDetailPublic/Index/87ef6e1f-03b7-4f41-b925-d8eebc8c9d1d)
Legacy Project
Closed

Submitted: 1/25/2000
Issued:
Closed: 1/25/2000

Project Description

NEW TANK TOP PACKAGES, DISPENSERS, MONITORING SYSTEM & PIPING

BLD00-0005 (/PermittingPublic/PermitDetailPublic/Index/78e1563c-5a2f-4dcb-a166-a13bcc6f1056)
Legacy Building Permit
Closed

Submitted: 1/25/2000
Issued: 2/2/2000
Closed: 1/25/2000

Project Description

REMOVE BP FASCIA REPLACE WITH NEW 76 FASCIA

SGN99-0088 (/PermittingPublic/PermitDetailPublic/Index/46cfe437-26e2-4ebf-9f6e-717fb1e36bdc)
Legacy Sign Permit
Closed

Submitted: 11/10/1999
Issued:
Closed: 11/16/1999

Project Description

Putting new strips on existing canopy with 4 new colors all around canopy with PACIFIC PRIDE on two sides

---

EVN99-0008 (/PermittingPublic/PermitDetailPublic/Index/b0920628-91e7-4dc7-856f-e2a91dc13327)
Legacy Special Event Permit
Closed

Submitted: 4/8/1999
Issued: 4/19/1999
Closed: 4/16/1999

Project Description

SEE EVENT LOCATION

PRJ99-0011 (/PermittingPublic/PermitDetailPublic/Index/183bd911-29cf-4e57-a0e4-2300f9769bbf)
Legacy Project
Closed

Submitted: 4/5/1999
Issued:
Closed: 4/5/1999

Project Description

Petroleum/retail-Retail convenience store

SGN99-0024 (/PermittingPublic/PermitDetailPublic/Index/08c9619c-33cc-43f7-8f20-e330f177e338)
Legacy Sign Permit
Closed

Submitted: 4/5/1999
Issued: 4/5/1999
Closed: 4/5/1999

Project Description

GRAND RE-OPENING BANNERS AND STREAMERS DISPLAYED 4-19-99 THRU 5-19-99

BLD99-0009 (/PermittingPublic/PermitDetailPublic/Index/dcc2ec3f-cc81-43f9-b9fa-93f9a4e3ae7b)
Legacy Building Permit
Closed

Submitted: 2/5/1999
Issued: 2/24/1999
Closed: 2/8/1999

Project Description

NEW TANK TOP PACKAGES, DISPENSERS, MONITORING SYSTEM & PIPING

EVN96-0020 (/PermittingPublic/PermitDetailPublic/Index/0969b4a0-51a6-4d42-91db-7564390994e8)
Legacy Special Event Permit
Closed

Submitted: 7/26/1996
Issued: 8/1/1996
Closed: 8/23/1996

Project Description

A Customer Appreciation Days promotion is an event that is designed to increase the recognition and visibility of the fuel stop, and recapture past customers who have changed their buying habits. Recently, the two nearest BP stations have conducted "Grand Re-opening" promotions, reportedly with a large turnout or customers.

BLD85-0058 (/PermittingPublic/PermitDetailPublic/Index/96528a65-0ea7-415e-8198-4e70efd0a84f)
Legacy Building Permit
Closed

Submitted: 6/29/1994
Issued:
Closed: 7/11/1994

Project Description

ADD IN FRONT OF FIFE TOWING

SGN85-0038 (/PermittingPublic/PermitDetailPublic/Index/4a448268-0f83-46c1-9b79-2911dbb6e980)
Legacy Sign Permit
Closed

Submitted: 6/6/1994
Issued:
Closed: 6/6/1994

Project Description

VIO93-0022 (/PermittingPublic/PermitDetailPublic/Index/cf44d77a-0e1c-47e9-be72-4624d2b32f1e)
Legacy Violation
Closed

Submitted: 8/26/1993
Issued:
Closed: 9/28/1993

Project Description

TEMPORARY SIGN (BANNER) BEING DISPLAYED WITHOUT SPECIAL USE PERMIT.

SGN93-0041 (/PermittingPublic/PermitDetailPublic/Index/eb106fec-a9f1-4879-abf9-f5d39306972c)
Legacy Sign Permit
Closed

Submitted: 6/30/1993
Issued: 6/30/1993
Closed: 9/30/1993

Project Description

Install and maintain four banner signs for an a special use permit. Also they will have some balloon bunches.

SGN93-0004 (/PermittingPublic/PermitDetailPublic/Index/1bd56199-c7a2-4cff-8f73-59598d35ad9c)
Legacy Sign Permit
Closed

Submitted: 1/14/1993
Issued: 2/10/1993
Closed: 4/23/1993

Project Description

*TWO- 2' X 3' A-BOARD SIGNS (SPECIAL USE PERMIT) *REQUEST FOR DISPLAY FROM FEB. 26 - APRIL 12TH, AND APRIL 14 - JULY 21TH.

SGN93-0005 (/PermittingPublic/PermitDetailPublic/Index/7997efd6-8401-4f5c-9510-1af16c05875d)
Legacy Sign Permit
Closed

Submitted: 1/14/1993
Issued: 1/15/1993
Closed: 7/19/1993

Project Description

TWO 2' X 3' A-BOARD SIGNS (SPECIAL USE PERMIT) FROM JAN. 18 - FEB. 26TH WEEKDAYS ONLY

SGN93-0001 (/PermittingPublic/PermitDetailPublic/Index/78e6a875-843c-4295-8fb5-bb1dac6d68e1)
Legacy Sign Permit
Closed

Submitted: 1/8/1993
Issued: 1/8/1993
Closed: 7/19/1993

Project Description

Permanent wall sign measuring 3' x 6' for 18 square feet. The sign will say "ESPRESSO GRAND OPENING". Sign will be repainted after unspecified period to say "The Espresso Stop" or something to this effect.

BLD92-0122 (/PermittingPublic/PermitDetailPublic/Index/95030998-5a47-4aa4-ae68-8bf0a2592fa9)
Legacy Building Permit
Closed

Submitted: 11/20/1992
Issued: 12/8/1992
Closed: 2/9/1993

Project Description

CONSTRUCT ESPRESSO ENCLOSURE

Powered by SmartGov, © 2011 - 2020 Dude Solutions, Inc (http://www.smartgovcommunity.com)

Tacoma Dome Link Extension

ATTACHMENT C

Phase I Environmental Site Assessment
TD 4030
Fife RV Center (East Property)
3520 Pacific Highway E
Fife, Washington

SOUNDTRANSIT

Phase I Environmental Site Assessment
TD 4030
Fife RV Center (East Property)
3520 Pacific Highway E
Fife, Washington

Prepared for

Sound Transit
Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

March 2021

CITATION

Sound Transit. 2021. Phase I Environmental Assessment.
TD 4030, Fife RV Center (East Property),
3520 Pacific Highway E, Fife, Washington.
Prepared by Parametrix, Seattle, Washington.
March 2021.

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by Michael Brady, LG, LHG

Approved by Rick Wadsworth, PE

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F Supporting Documents

ACRONYMS AND ABBREVIATIONS

ALLSITES	Facility/Site Information System
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CDL	Clandestine Drug Lab Contaminated Site
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CMMP	Contaminated Media Management Plan
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
CREC	Controlled Recognized Environmental Conditions
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
CUL	Cleanup Level
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EHC	Environmental Hazard Control
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HIST CDL	Historical Clandestine Drug Lab Contaminated Site
HREC	Historical Recognized Environmental Condition
HSL	Hazardous Site List
ICR	Independent Cleanup Report
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
MTCA	Model Toxics Control Act
NFA	No Further Action
NonGen/NLR	Non-Generator/No Longer Required
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
PTAP	Petroleum Technical Assistance Program

ACRONYMS AND ABBREVIATIONS (CONTINUED)

Qal	Quaternary Alluvial Deposits
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RV	Recreational Vehicle
SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TD	Tacoma Dome
TSD	Transportation, Storage, and Disposal
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of American Society of Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as Tacoma Dome (TD) 4030. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located at 3520 Pacific Highway E in Fife, Washington, on Pierce County Parcel Identification number 0320111049 (Figure 1). The subject property is currently owned by KS Family, LLC, and operated as the Fife RV Center East Property, which encompasses the parts and repair department.

The subject property was primarily used as farmland until development of a Holiday Inn motel in 1964. The site was operated as a Holiday Inn through the 1980s, then as the Hometel Inn through at least 2002. The site was used as a Korum outdoor sales lot in 2006 and as a Fife RV sales lot from 2010 through the present. Records indicate an oil-water separator and RV wash pad have been operated on the subject property from at least 2012 through the present. The presence and operation of a wash pad and oil/water separator on the subject property is of some environmental concern but likely represents *de minimis* conditions assuming proper operation and maintenance.

A review of regulatory information indicated that several nearby sites were identified in the regulatory record databases, including the adjacent property to the west (La Casa Real Drum/Fife RV Center), which has an unresolved petroleum release related to a historical gasoline station. Based on the groundwater gradient away from the subject property, soil, groundwater, and vapor contamination from the neighboring release is not expected to have impacted the subject property (Figure 2). No other listed sites are suspected to have impacted the subject property.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed on the Washington State Department of Ecology (Ecology) Confirmed and Suspected Contaminated Sites List (CSCSL) database, Ecology Voluntary Cleanup Program (VCP) database, facility/site information (ALLSITES) database, the Ecology Historical Clandestine Drug Lab (WA HIST CDL) database. The listings are primarily related to metals discovered in groundwater during previous Phase II ESAs. Total arsenic, chromium, and lead are suspected to continue to remain above Model Toxics Control Act (MTCA) Method A cleanup levels (CULs) below the subject property, appearing to be related to area-wide contamination from the Asarco Smelter plume, historical farming activities, or naturally occurring background concentrations. However, dissolved metals concentrations below the property were reported below MTCA Method A CULs in four groundwater monitoring wells. The presence of total metals in groundwater are considered a REC to the subject property. The clandestine drug lab listings for the site were previously resolved, representing a historical REC (HREC) for the site.

Data Gaps

An on-site reconnaissance and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with American Society for Testing and Materials Standard (ASTM) E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to perform a Phase I ESA on the subject property located at 3520 Pacific Highway E in Fife, Washington (Figure 1). The property is identified as TD 4030, which is located on Pierce County parcel number 0320111049. It is our understanding the subject property may be acquired by Sound Transit for the completion of the Tacoma Dome Link Extension (TDLE) project. This Phase I ESA was conducted to support the environmental due diligence related to the potential acquisition.

The subject property is currently owned by KS Family LLC and operated as a recreational vehicle (RV) sales lot/parts and repair facility by the Fife RV Center. The subject property is located in a mixed-use area of commercial properties in the Pacific Highway Corridor of Fife in Pierce County, Washington (Figure 2).

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The ESA consists of two distinct tasks: (1) a review of documents and of oral information, and (2) a site examination. Conclusions and recommendations within this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study. The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (known as CERCLA), and as such constitutes "all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601 (35)(B).

The purpose of this Phase I ESA is to identify Recognized Environmental Conditions (RECs) on or near the subject property. The term Recognized Environmental Condition is defined in ASTM Standard E1527-13 as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*."

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

1/29/2021 | ST_TDLE_Ph2 | Phase1_Fife_FifeRVCenterEastProperty_Figure_1.mxd

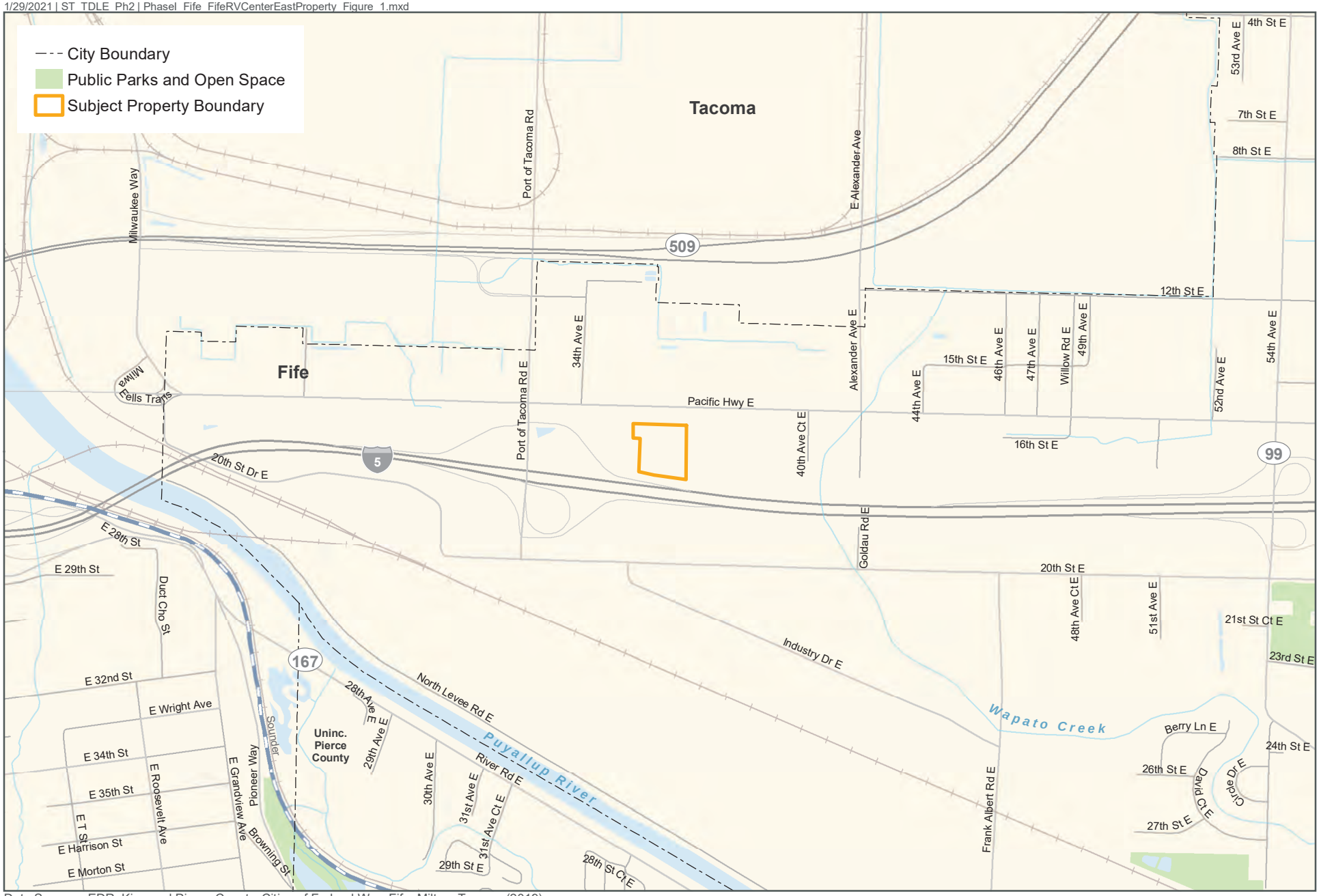

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 1
Site Vicinity Map
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

1/29/2021 | ST_TDLE_Ph2 | Phase1_Fife_FifeRVCenterEastProperty_Figure_2.mxd

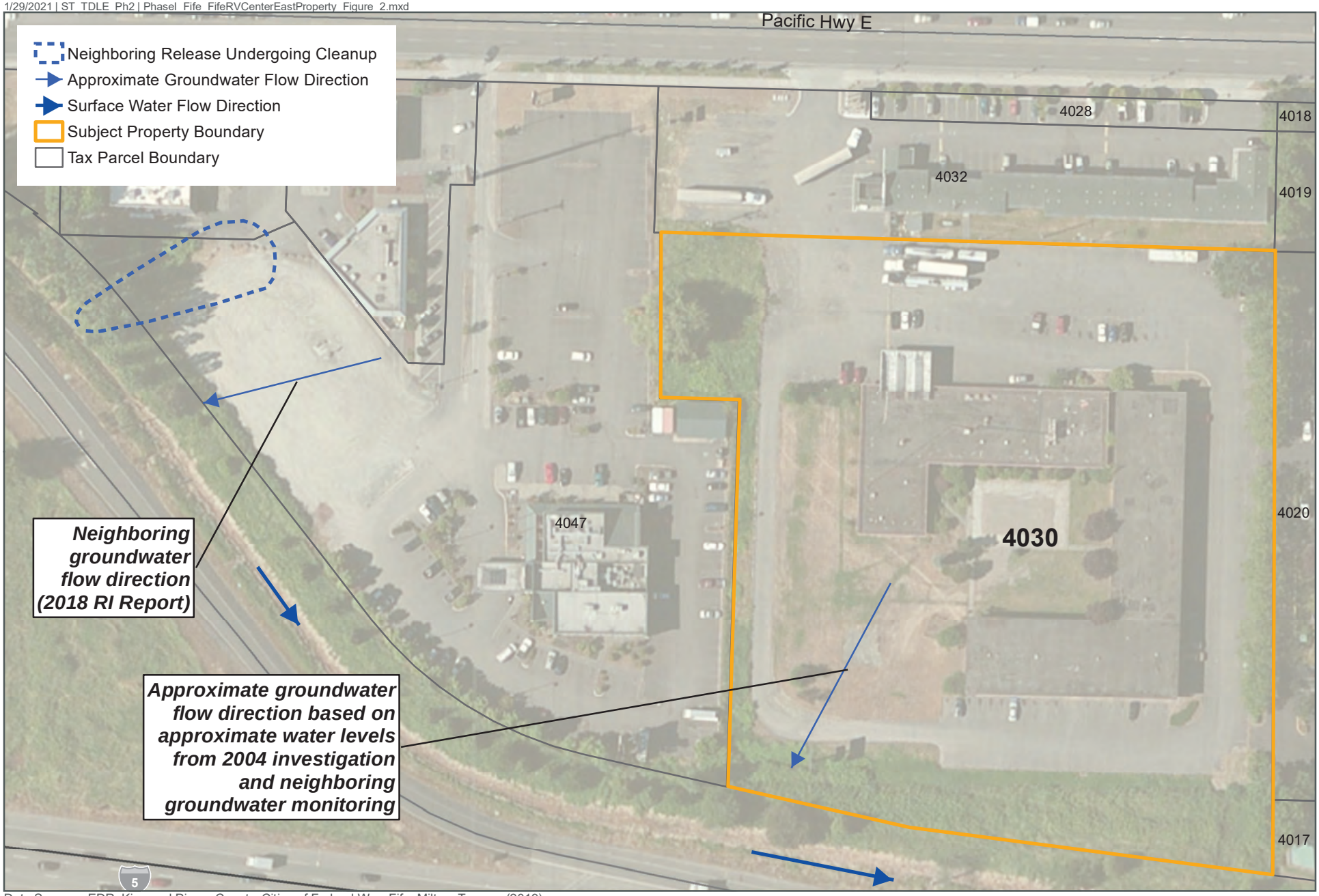

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls." (ASTM 2013)

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those areas to which it had access on the subject property. No visual reconnaissance was possible inside the building on the subject property.

Unless otherwise stated, no other exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions not detected at the time of the investigation may exist at the site.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

2.1 Location

The subject property is located at 3520 Pacific Highway E in Fife, Washington, on Pierce County parcel identification number 0320111049. The subject property is located within the northwest quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East in Pierce County, Washington (Figure 2).

2.2 Site and Vicinity Characteristics

The subject property is currently owned by KS Family, LLC, and operated as the Fife RV Center parts and repair department. The subject property is located in a mixed-use area of commercial properties in the Pacific Highway Corridor of Fife (Figure 2).

Neighboring properties consist of a Travelodge motel (north), office building (east), Fife RV Center sales (west), Tahoma Express gasoline station (northwest), and Interstate 5 (south).

2.3 Physical Setting

The subject property is at an elevation of approximately 15 feet above mean sea level. The topography of the site is relatively flat (USGS 2020). Soils in the area of the subject property are mapped as Puyallup loam and Puyallup fine sandy loam by the U.S. Department of Agriculture (USDA 1955). These are described as well drained soils occurring on floodplains and low stream terraces.

The surface geology of the subject property is mapped as Quaternary alluvium (Qal) deposits (Troost, in press). The Qal deposits primarily consist of sand, gravel, silt, and clay deposits from migration and flooding of the Puyallup River.

A review of well and borehole logs completed on the subject property and the neighboring site to the west indicates the subsurface is primarily composed of silty sand and silt layers down to approximately 25 feet below ground surface. Depth to groundwater has been observed below the subject property and neighboring property less than 5 feet below ground surface. The groundwater gradient below the subject property is reportedly southwesterly based on water-level monitoring from the adjacent property and approximate depth to water below the subject property (Figure 2).

The nearest surface water body is Wapato Creek located 1,250 feet east of the subject property. The Puyallup River is located 2,900 feet southwest of the subject property. An ephemeral stormwater drainage ditch is adjacent south of the subject property along Interstate 5. The drainage ditch flows easterly towards Wapato Creek.

2.4 Current Use of the Property

The subject property is developed with a former hotel building that is currently operated as the parts department for Fife RV. The lot surrounding the building is used for storing RVs.

2.5 Descriptions of Improvements on the Subject Property

The subject property is developed with a 13,072-square-foot building that encompasses 8,392 square feet of offices and 4,680 square feet of storage garage space completed in 1963 (Pierce County Assessor 2020). The building is surrounded by 93,100 square feet of asphalt and there are two canopies that are approximately 1,200 square feet in size.

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products (ASTM 2013). Parametrix reviewed the Pierce County Recorder's database for liens against the current owner. No environmental liens were identified within the recorded documents filed for the current owner of the subject property. Parametrix also reviewed the Washington State Department of Ecology's environmental covenant database. No environmental (restrictive) covenants were filed for the subject property.

A Property History Guarantee title report was supplied by Sound Transit for the subject property (attached in Appendix A). There are no records in the title summary report indicating activity or use limitations or environmental liens affecting the property. No evidence of activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: (1) a review of various lists and files published by federal and State of Washington agencies, and (2) a compilation of historic uses of the site and site vicinity to determine whether past operations pose an environmental risk to the subject property. Information for agency file review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR Radius Map Report (EDR report) is included in Appendix B.

The EDR report is a summary of state and federal database searches for sites of possible environmental concern. The information review enabled Parametrix personnel to characterize the types of activities performed at the site, identify data gaps prior to the site examination, and facilitate recognition of discrepancies between reported and observed data. Data gaps identified during the document review were addressed by interviewing Tacoma-Pierce County Health Department personnel, by making observations during the site examination, or by additional detailed investigation of available records.

It should be noted that this information is reported as Parametrix received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from records maintained by the U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology). The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR report (Appendix B). EDR reported a total of 131 properties with 217 listed conditions within a mile of the subject property. EDR also reported six unmappable (orphan) sites in the area of the subject property. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the types of listings, types of contaminants, proximity, and position relative to the subject property, the topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (Section 4, below).

3.1.1 Review of Washington State Department of Ecology Databases

The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases. Additional information regarding these sites was reviewed online on the Ecology website to supplement data gaps in the EDR report. A complete listing of the databases reviewed is included in the EDR report. Relevant database listings from Ecology include:

- Ecology Hazardous Site List (HSL)
- Ecology Confirmed and Suspected Contaminated Site List (CSCSL)

- Ecology CSCSL No Further Action (CSCSL NFA) List
- Ecology Solid Waste Facility/Landfill (SWF/LF) List
- Ecology Leaking Underground Storage Tank (LUST) List
- Ecology Underground Storage Tank (UST) List
- Ecology Aboveground Storage Tank (AST) List
- Ecology Voluntary Cleanup Program (VCP) List
- Ecology Independent Cleanup Report (ICR) List
- Ecology and Pollution Liability Insurance Agency Petroleum Technical Assistance Program (PTAP) List
- Ecology Brownfields List
- Ecology Facility/Site Information System (ALLSITES) List
- Ecology Clandestine Drug Lab Contaminated Site (CDL) List and Historical CDL (HIST CDL) List
- Ecology Firefighting Foam Incidents (AQUEOUS FOAM) List and Perfluorinated Contamination Site Location (PFAS) List
- Ecology Reported Spills (SPILLS) List
- Ecology Drycleaners List

3.1.1.1 Ecology HSL, CSCSL, and CSCSL NFA Databases

The Ecology CSCSL database contains sites in Washington State that have been confirmed or have been suspected of contaminant releases and is the state equivalent to the federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS). The HSL is a subset of the CSCSL database for sites that have been formally ranked using the Washington Ranking Method. The CSCSL NFA database is former CSCSL sites that have achieved an NFA determination from Ecology.

The subject property was found on the CSCSL database:

- The Hometel Inn addressed at 3520 Pacific Highway E is listed on the CSCSL database related to arsenic in groundwater above MTCA Method A CULs. This represents a REC to the subject property. Further information is provided in Section 4.

Twenty-nine sites within one mile of the subject property were reported on the CSCSL database, five sites within one mile were reported on the HSL database, and eleven sites within 0.5 mile were reported on the CSCSL NFA database. One CSCSL and three CSCSL NFA sites were reported within 0.125 of a mile from the subject property and are discussed below:

- The La Casa Real Drum at 3410 Pacific Highway E (adjacent west) is listed on the CSCSL database. This site had a release of petroleum hydrocarbons and metals above MTCA Method A CULs in soil and groundwater. Based on the EDR listings indicating a potential REC impacting the subject property, a file review was conducted and is further discussed in Section 4.
- Cummins NW Inc at 3701 Pacific Highway E (adjacent north across Pacific Highway) is listed on the CSCSL database. The listings indicate a release of petroleum hydrocarbons from a UST was reported

in 2002, and the site achieved an NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.

- Unocal Service Station 7343 at 3408 Pacific Highway E (adjacent northwest of the subject property) is listed on the CSCSL NFA database. The listings indicate a release of petroleum hydrocarbons was reported in 1990 from USTs, and the site achieved an NFA status from Ecology in 1993. Based on the NFA status, this site is not considered a REC to the subject property.
- Jet Auto Wrecking at 3901 Pacific Highway E (approximately 650 feet northeast of the subject property) is listed on the CSCSL NFA database. The listings indicate petroleum hydrocarbons and metals in soils were remediated below MTCA Method A CULs, and the site achieved an NFA status from Ecology in 1997. Based on the NFA status, this site is not considered a REC to the subject property.

3.1.1.2 Ecology LUST, UST, and AST Databases

The Ecology LUST Database List contains an inventory of reported leaking underground storage tank sites from commercial tanks.

The Ecology UST database contains registered commercial USTs. Residential heating oil USTs are not included in the Ecology UST database. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). Unless otherwise noted, the presence of USTs near the site does not, in itself, constitute a REC.

The Ecology AST database is a listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program. Unless otherwise noted, the presence of ASTs near the site does not, in itself, constitute a REC.

The subject property is not listed on the UST, LUST, or AST databases.

Ten sites were reported on the LUST database within 0.5mile of the subject property, seven sites were reported on the UST database within 0.25 mile of the subject property, and no AST sites were reported within 0.25 mile of the subject property. Three of these sites were reported within 0.125 mile from the subject property:

- Cummins NW Inc at 3701 Pacific Highway E (adjacent north across Pacific Highway) is listed on the LUST and UST databases. As noted above, the listings indicate a release of petroleum hydrocarbons from a UST was reported in 2002, and the site achieved an NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- Tahoma Express 4 at 3408 Pacific Highway E (adjacent northwest of the subject property) is listed on the UST database. The listings indicate the site operates three USTs that were installed in the 1990s and two USTs were previously removed. Based on the listings and active operational status of the gasoline station, this site is not considered a REC to the subject property.
- Unocal Service Station 7343 at 3408 Pacific Highway E (adjacent northwest of the subject property) is listed on the LUST database. As noted above, the listings indicate a release of petroleum hydrocarbons was reported in 1990 from USTs, and the site achieved an NFA status from Ecology in 1993. Based on the NFA status, this site is not considered a REC to the subject property.

The remaining listed sites on the UST and LUST databases identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.3 Ecology VCP, PTAP, and ICR Databases

The VCP database is a list of sites that have been entered into the Ecology voluntary cleanup program and are undergoing cleanup. The PTAP database is a list of petroleum release sites that have been entered into the Pollution Liability Insurance Agency PTAP program and are undergoing cleanup. The ICR database is a list of sites that have reported independent cleanup actions to Ecology without agency oversight or approval, and the sites are not under an order or decree.

The subject property was reported on the VCP database.

- The Hometel Inn addressed at the subject property is listed on the VCP database dating from 2004 through 2011. As noted above, based on the listings for the subject property, a file review was conducted and summarized in Section 4.

Fifteen sites within 0.5 mile of the subject property were reported on the VCP database. Two of these sites were reported within 0.125 mile from the subject property:

- Cummins NW Inc at 3701 Pacific Highway E (adjacent north across Pacific Highway) is listed on the VCP databases. As noted above, the listings indicate a release of petroleum hydrocarbons from a UST was reported in 2002, and the site achieved an NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- The Fife RV Center at 3410 Pacific Highway E (adjacent west) is listed on the VCP database. As noted above, this site is listed as La Casa Real Drum on the CSCSL database. This site had a release of petroleum hydrocarbons and metals above MTCA Method A CULs in soil and groundwater. Based on the EDR listings indicating a potential REC impacting the subject property, a file review was conducted and is further discussed in Section 4.

The remaining listed sites on the VCP database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

Three sites within 0.5 mile of the subject property was reported on the PTAP database. These sites are 1,400 to 2,000 feet from the subject property with no potential to impact the subject property.

Five sites within 0.5 mile of the subject property were reported on the ICR database. One site is reported within 0.125 of a mile from the subject property:

- Unocal Service Station 7343 at 3408 Pacific Highway E (adjacent northwest of the subject property) is listed on the ICR database. As noted above, the listings indicate a release of petroleum hydrocarbons was reported in 1990 from USTs, and the site achieved an NFA status from Ecology in 1993. Based on the NFA status, this site is not considered a REC to the subject property

The remaining listed sites on the ICR database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.4 Ecology ALLSITES Database

The Ecology ALLSITES database summarizes sites that likely handle or store hazardous waste in association with the facility/site information system and can include other types of interactions with Ecology including compliance inspections.

The subject property is listed on the ALLSITES database:

- The Hometel Inn addressed at the subject property is listed on the ALLSITES database. As noted above, based on the listings for the subject property, a file review was conducted and summarized in Section 4.

3.1.1.5 Ecology CDL and HIST CDL Database

The subject property is listed twice on the WA HIST CDL database. Rooms 115 and 133 of the former motel were reported as historical clandestine drug labs. Further discussion regarding the listings for the subject property are presented in Section 4. No other sites were listed on the WA CDL of WA HIST CDL database within 0.125 of a mile from the subject property.

3.1.1.6 Ecology SPILLS Databases

The Ecology SPILLS databases report potential small releases to the subsurface that have the potential to cause contamination.

The adjacent property north, Travelodge Port of Tacoma, was listed on the SPILLS database dating to a small release occurring on asphalt in 2016. Based on the information in the SPILLS database, this site is not considered a REC to the subject property.

No other SPILLS sites were reported within 0.125 mile of the subject property.

3.1.1.7 Ecology Drycleaner Database

The drycleaner database is a listing of former or current drycleaners in Washington. No drycleaners were reported within 0.25 mile of the subject property. No inactive drycleaners were reported within 0.25 mile of the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within ASTM 1527-13 search radii from the following databases. A complete listing of the databases reviewed is included in the EDR report.

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) List
- Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Information System (RCRIS) List
- Emergency Response Notification System (ERNS) List

- US Brownfields List
- Manufactured Gas Plant Sites

3.1.2.1 National Priorities List (NPL)

The NPL identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. The EDR report indicates that the subject property is not listed as an NPL site. EDR reports no NPL sites were identified within 1 mile of the subject property; however, there is one NPL potentially impacting the subject property:

- The Asarco Tacoma Smelter Plume is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than MTCA Method A CULs and is not considered a REC to the subject property.

3.1.2.2 SEMS List

The EPA publishes a list of sites that may potentially pose a threat to the environment or the health of the general public. This list is known as the SEMS list (formerly the CERCLIS list). Information contained in the EDR report indicates the subject property is not listed as a SEMS site. One SEMS site was identified within one mile of the subject property:

- The Dauphin site at 2911 Pacific Highway E (1,945 feet east of the subject property) is listed on the SEMS database. The listing indicates this site is part of the Commencement Bay Nearshore Tideflats NPL site dating to 1979. However, additional Ecology records indicate this property is currently within the VCP program undergoing remedial investigations. Based on the proximity and status, this site is not considered a REC to the subject property.

The EPA also publishes the SEMS-ARCHIVE list, which are SEMS sites that have been designated no further interest under the Federal Superfund Program. One SEMS-ARCHIVE site was reported within 0.5 mile of the subject property:

- Brekke Enterprises at 1320 Tidehaven Road (1,075 feet northwest of the subject property) is listed on the SEMS-ARCHIVE database. The listing indicates the site was determined to not be part of the Commencement Bay Nearshore Tideflats NPL site dating to 1985. Ecology records indicate Corrosive Wastes were suspected in soil and groundwater, and Ecology granted an NFA status to this site in 1989. Based on the NFA status and proximity, this site is not considered a REC to the subject property.

3.1.2.3 CORRACTS Review

The CORRACTS report identifies hazardous waste handlers with corrective action activity. Information contained in the EDR report indicates the subject property is not listed as a CORRACTS site.

No CORRACTS sites are listed within one mile of the subject property.

3.1.2.4 Resource Conservation and Recovery Information System (RCRIS) List

The RCRIS list includes selective information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by the RCRA. Information contained in the EDR report indicates the subject property is not listed as a RCRIS site:

Three RCRA generator sites are listed within 0.25 mile of the subject property:

- PM Testing Lab Inc Pacific Highway at 3921 Pacific Highway E (1,000 feet northeast of the subject property) is listed on the RCRA large quantity generator database. The listings indicate this facility generates a variety of hazardous wastes related to materials testing and analysis as well as primer applications, painting, and abrasive finishing. Some violations were reported for the facility during compliance evaluations. However, based on the proximity, this site is not considered a REC to the subject property.
- Union Pacific Railroad Fife at 3330 20th Street E (approximately 1,060 feet south of the subject property) is listed on the RCRA very small quantity generator database. The listings indicate this site generates a small quantity of hazardous waste related to railroad maintenance. No violations were reported for the site. Based on the proximity, this site is not considered a REC to the subject property.
- Wescraft RV & Truck Fife at 3402 12th Street E (approximately 1,240 feet north of the subject property) is listed on the RCRA very small quantity generator database. The listings indicate this site generates a small quantity of hazardous waste related to RV repairs. Some violations were reported for this site during compliance evaluations. Based on the proximity, this site is not considered a REC to the subject property.

Seventeen RCRA Non-Generator sites are listed within 0.25 mile of the subject property. Four were reported within 500 feet of the subject property:

- The Tacoma Port Motor Inn at 3518 Pacific Highway E (adjacent north of the subject property) is listed on the RCRA Non-Generator/No Longer Required (NonGen/NLR) database. This listing is related to hazardous waste generated in the 1990s, and the site is not an active generator. Based on the listings, this site is not considered a REC to the subject property.
- Cummins NW Inc at 3701 Pacific Highway E (235 feet north of the subject property) is listed on the RCRA NonGen/NLR database. As noted above, this property previously had a release, and the site achieved a NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- La Casa Real Drum at 3410 Pacific Highway E (adjacent west of the subject property) is listed on the RCRA NonGen/NLR database. A discussion regarding the neighboring property west is presented in Section 4.
- Glacier Motel Drug Bust at 3401 Pacific Highway E (450 feet northwest of the subject property) is listed on the RCRA NonGen/NLR database. The listing appears related to a historical drug bust of a CDL site in 1989. Based on the position and proximity, this site is not considered a REC to the subject property.

The EPA also regulates the management of hazardous waste at Transportation, Storage, and Disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a RCRA-TSD site. No RCRIS-TSD sites were identified within a half-mile of the subject property.

The remaining listed sites on the RCRIS list identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.2.5 ERNS List

The ERNS is a national database containing information from spill reports made to Federal authorities. Information contained in the EDR report indicates the subject property is not listed as an ERNS site.

3.1.2.6 US Brownfields List

The EPA's US Brownfields list identifies brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. No US Brownfields sites were identified within 0.5 mile of the subject property.

3.1.3 EDR Databases

3.1.3.1 Manufactured Gas List

Former manufactured gas plant (coal gas) sites are identified on the Manufactured Gas database. Information contained in the EDR report indicates the subject property is not listed as a manufactured gas plant site. No manufactured gas plant sites are listed within one mile of the subject property.

3.1.3.2 Historical Auto Stations

Historical auto stations are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates the subject property is not listed as a historical auto station.

Two historical auto stations are listed within 0.125 mile of the subject property. Both appear to reference the same property:

- Gasamat Inc at 3402 Pacific Highway E and Sacs Mart Inc at 3408 Pacific Highway E (adjacent northwest of the subject property) are listed on the EDR Hist Auto database. The listing indicates the adjacent property was a gas station dating from at least 1977 through approximately 2010. Further discussion regarding the neighboring gasoline station is presented in Section 4.

3.1.3.3 Historical Cleaners

Historical cleaners are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates that there are no historical cleaner sites within 0.125 mile of the subject property.

3.1.4 Orphan Site List

Orphan sites are sites for which mapping information is not detailed adequately to plot the location of the site. There are six orphan sites listed in the EDR database. The orphan site list and available mapping information were reviewed by Parametrix. None of the orphan sites were found within 0.125 mile from the subject property and none represent RECs to the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The subject property and adjacent sites were reviewed in an effort to determine whether vapor migration has, or has the potential to have, occurred at the site from adjacent properties. Based on the information reviewed, the subject property is not identified as a potential vapor intrusion site. Further details are presented in Section 4.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area that helps to identify the likelihood of past uses having led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include Sanborn Fire Insurance Maps, aerial photographs, topographic maps, city directories, and local agency records.

3.2.1 Sanborn Map Fire Insurance Map Review

A copy of the Certified Sanborn Map Report for the TDLE project area is included in Appendix C (EDR 2019). Maps were not available for the Fife RV Center (East Property) site.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs (aerials) of the subject property area were obtained from EDR. Additional aerials were reviewed available from the Pierce County GIS mapping program (2020) and the City of Tacoma GIS mapping program (2020). Aerial photographs for the years 1931, 1940, 1945, 1950, 1957, 1968, 1970, 1972-73, 1980, 1985, 1990, 1995, 2002, 2005, 2009, 2013, 2015, and 2018 were examined. Copies of the aerial photographs from EDR are included in Appendix D. Observations are listed below.

1931–1945	The subject property appears developed as farmland associated with a residential structure along 20th Street East (800 feet south of the subject property). Neighboring properties to the east and west are similarly developed as farmland. Neighboring properties north of Pacific Highway E appear developed with residences and small agricultural lots.

1950–1957	The subject property appears developed in a similar configuration. The neighboring property west appears to have a residence and garage/shop building and farmland.
1968	The subject property appears developed with a hotel and swimming pool. The neighboring property west appears undergoing redevelopment into a gasoline station. Interstate 5 appears complete adjacent south of the subject property.
1970–1980	The subject property remains developed with a hotel. The gas station remains adjacent west. The neighboring property north of Pacific Highway appears developed as a warehouse and storage lot.
1985	The subject property remains developed with a hotel. The gas station remains adjacent west. The neighboring property east is developed into an office building. The neighboring property adjacent north is developed into a motel.
1990–2012	The subject property remains developed with the hotel building. A new gasoline station and restaurant is developed adjacent northwest, and an RV sales building is developed adjacent west.
2013–present	The subject property appears developed in its current configuration. The southern portion of the motel building is demolished, and the site is used for RV sales/service. Minimal changes are apparent to adjacent properties.

3.2.3 Historical Topographic Maps

Historical topographic maps of the subject property area were reviewed from the U.S. Geological Survey. The subject property is located on the Tacoma south 7.5-minute Quadrangle. Maps were available for years 1941, 1961, 1997, 2011, 2014, 2017, and 2020. Observations are listed below.

1941–1961	The subject property appears as rural land with some nearby buildings. Interstate 5 appears in 1961 south of the subject property.
1997	The subject property appears developed with a motel building.
2011–2020	No details of the subject property are presented on the topographic maps.

3.2.4 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following sections.

3.2.4.1 City of Fife Records

City of Fife records indicate the subject property was incorporated into the city in 1957. Parametrix reviewed online permit records available from the City of Fife (City of Fife 2020). Copies of available

records are included in Appendix F. Below is a summary of the available online permits with potential environmental significance or historical use:

- **1997**: Occupied by Hometel Inn
- **1997:** A methamphetamine lab is reported in room 133
- **2006:** Operated as a Korum outdoor sales lot
- **2010:** Construction of RV sales lot
- **2012:** Demolition of the southern portion of the motel building
- **2012:** Construction of a canopy over an oil-water separator to create an RV wash

3.2.4.2 City of Tacoma Records

The City of Tacoma provides water and sewer services to the subject property through the City of Fife. As noted above, an oil-water separator is operated on the subject property. Parametrix reviewed City of Tacoma records for participation of the subject property within the industrial wastewater pretreatment program (City of Tacoma 2020). The subject property was not listed as participating in the program. This may indicate the site is operating the oil-water separator and wash pad without the proper permitting or compliance with local discharge regulations. However, this could not be confirmed. The presence and operation of a wash pad on the subject property and potential permitting issues is of some environmental concern.

3.2.4.3 Tacoma Public Library

The Tacoma Public Library Northwest Room has online databases for historical photographs and a historical building index. Copies of the records are attached in Appendix F. These databases include:

- The historical building index indicates the subject property was developed with a Holiday Inn hotel-motel complex in 1964.
- Historical images from 1964 and 1969 show the subject property developed with the Holiday Inn complex.

3.2.5 Prior Assessment Information

As discussed in Section 4 below, a prior Phase I ESA was completed on the subject property. City of Fife directory information for the subject property was reviewed in the prior assessment and summarized below:

- 1975 – Subject property occupied by the Holiday Inn Motel, residence at 3508 Pacific Highway E, Gasamat Inc service station at 3402 Pacific Highway E, Justus Custom Cedar Homes at 3718 Pacific Highway E.
- 1980 – Subject property occupied by the Holiday Inn Motel, vacant at 3508 Pacific Highway E, Gasamat Inc service station at 3402 Pacific Highway E, Justus Custom Cedar Homes at 3718 Pacific Highway E.
- 1990 – Subject property not listed, Serra Tile Co. Inc at 3508 Pacific Highway E, Port of Tacoma Motor Inn at 3518 Pacific Highway E, La Casa Real Restaurant at 3410 Pacific Highway E, SAC's Deli

and Grocery Gas Station at 3408 Pacific Highway E, Jack in the Box at 3402 Pacific Highway E, Trans-Pacific Trade Center office building at 3700 Pacific Highway E.

- 1994 – Subject property occupied by Hometel Inn Motel and Jewel of India Restaurant, Serra Tile Co. Inc at 3508 Pacific Highway E, Econo Lodge motel at 3518 Pacific Highway E, La Casa Real Restaurant at 3410 Pacific Highway E, SAC's Deli and Grocery Gas Station at 3408 Pacific Highway E, Jack in the Box at 3402 Pacific Highway E, Trans-Pacific Trade Center office building at 3700 Pacific Highway E.

3.2.6 Summary of Historical Information

Based on the historical review, the subject property was primarily used as farmland until development of a Holiday Inn motel in 1964. The site was operated as a Holiday Inn through the 1980s, then as the Hometel Inn through at least 2002. The site was used as a Korum outdoor sales lot in 2006 and as a Fife RV sales lot from 2010 through the present.

The surrounding area was predominantly farmland through the 1950s. The neighboring property west appeared as an agricultural garage/shop in the 1950s. In the 1960s, Interstate 5 was developed adjacent south of the subject property. Following completion of the interstate, neighboring properties began redeveloping into commercial developments, including shipping warehouses, office buildings, restaurants, gasoline stations, and motels.

3.3 Additional Environmental Information

The following sections provide a summary of additional environmental information obtained for the site.

3.3.1 Asbestos

The manufacture of most asbestos-containing materials was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the building (constructed in 1964), there is potential for asbestos-containing materials to have been used in the construction of the building.

3.3.2 Lead-Based Paint

Before 1977, paint commonly contained lead, which is considered to cause human health problems if ingested. Based on the age of the building (constructed in 1964), there is potential for LBP to have been used in the construction of the building.

3.3.3 Polychlorinated Biphenyls (PCBs)

Transformers can potentially contain polychlorinated biphenyls (PCBs). Based on the age of the building, there is some potential for PCBs to have been used in the construction of the building (PCBs are primarily used in lighting and electrical equipment). However, Parametrix did not inspect the building interior for this assessment.

3.3.4 Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas, and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

The subject property is located in the Federal EPA Radon Zone 3. The Zone 3 indoor average radon level, predicted to be less than 2 pCi/L (picocuries per liter), is reported as a low risk of radon elevation. The EPA Action Level for radon is 4 pCi/L. Based on this limited information, radon likely does not represent an environmental concern at the property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property, and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties, and to fill in data gaps where applicable. Previous investigations and file reviews are summarized below. Copies of Ecology records are attached in Appendix F.

4.1 Subject Property

Based on regulatory information from Ecology, past records were reviewed for the subject property listed as the Hometel Inn as Ecology Cleanup Site Identification number 4697. Records within the Ecology file related to the site listings include:

- A 2002 Phase I ESA of the subject property (NVL Labs 2002)
- A 2004 Phase II ESA of the subject property and adjacent property west (Robinson, Noble & Saltbush, Inc. 2004)
- A 2004 Phase II ESA of the subject property (EHC 2004a)
- A 2004 Groundwater Well Installation and Monitoring Report (EHC 2004b)
- Ecology Toxics Cleanup Program (TCP) and VCP correspondence from 2004 to 2011

In 2002, NVL Labs conducted a Phase I ESA of the subject property and identified no historical impacts to the subject property from on-site sources; however, a Phase II ESA was recommended due to potential off-site sources. At the time of the Phase I ESA, the subject property was operated as the Hometel Inn. The Phase I ESA indicated the clandestine drug labs on the subject property were previously remediated at the Hometel Inn. This indicates the CDL listings represent an HREC for the site.

In 2004, Robinson, Noble & Saltbush conducted a Phase II ESA of the subject property and adjacent property west for the Puyallup Tribe of Indians for a potential property acquisition. Four of the boreholes for the Phase II ESA were placed on the subject property (B6, B7, B8, and B9). No gasoline, diesel, oil, benzene, toluene, ethylbenzene, or xylenes were detected in any of the samples from the subject property. Low levels of lead and chromium were reported in the soil samples below the subject property at levels below the MTCA Method A CULs. Groundwater from Borehole B9 was found above MTCA Method A CULs for lead, chromium, and arsenic. Groundwater from Boreholes B7 and B8 were similarly found above MTCA Method A CULs for chromium and arsenic. Due to the exceedances, the report recommended installation of groundwater monitoring wells.

To confirm the results of the initial Phase II ESA, Environmental Hazard Control (EHC) completed a series of six boreholes on the subject property to collect soil and groundwater samples. Five groundwater samples were collected, and all five samples were reported above the MTCA Method A CUL for arsenic of 5 µg/L (micrograms per liter). No other metals were found above MTCA Method A CULs. The report concluded that the concentrations of metals in groundwater below the site are likely related to area-wide contamination associated with two potential sources including the Asarco Smelter Plume and historical farming activities.

EHC supervised the installation of four monitoring wells on the subject property and performed a round of quarterly groundwater sampling for total and dissolved arsenic. All four wells were found above MTCA Method A CULs for arsenic in the total metals analysis. However, all four samples that were analyzed for dissolved arsenic were found below detection levels.

The site was subsequently entered into Ecology's VCP. In 2005, Ecology completed an opinion indicating further remedial actions or investigations were necessary to achieve an NFA determination from Ecology with respect to the metals in groundwater below the subject property (Ecology 2005). The letter cites the potential for off-site sources and area-wide contamination that would need to be evaluated to achieve property cleanup. In 2011, due to inactivity related to the characterization of the subject property, the site was removed from Ecology's VCP (Ecology 2011).

Another nearby listed property (H&H Properties vacant lot at 3309 Pacific Highway E, 670 feet northeast of the subject property) is listed on the CSCSL database solely related to elevated metals in groundwater discovered in 2017. The H&H properties report (Environmental Associates 2017) also cites area-wide groundwater contamination related to the metals results as the source for that site. Metals in groundwater were similarly reported above MTCA CULs on the adjacent property west in the 2004 Phase II ESA.

The total metals in groundwater below the subject property represent a REC impacting the subject property; however, there are no drinking water wells on or near the subject property, and water is supplied by the City of Fife. Additionally, dissolved arsenic results were reported below Method A CULs during the EHC monitoring-well investigation. The metals in groundwater appear to be the result of area-wide contamination and not related to historical use of the subject property.

4.2 Adjacent Properties File Review

Several nearby properties were listed on environmental databases, as described in Section 3. In general, sufficient site-specific information was available through review of the EDR report as well as online Ecology files to develop an opinion on the potential for these properties to have affected the subject property. However, further information was obtained for one property immediately adjacent to the west (La Casa Real Drum/Fife RV).

Ecology files for the La Casa Real Drum/Fife RV site at 3410 Pacific Highway E were reviewed which include:

- A 2004 Phase II ESA of the subject property and La Casa Real Drum/Fife RV site (Robinson, Noble & Saltbush, Inc. 2004)
- 2016 Remedial Excavation Report for the Fife RV Center (Aerotech Environmental 2016)
- 2017 Ecology VCP Acceptance and Further Action Letter for the Fife RV Center (Ecology 2017)
- 2018 Downgradient Groundwater Monitoring Well Installation Report for the Fife RV Center (Aerotech Environmental Consulting 2018)
- 2018 Remedial Investigation Report for the Fife RV Center (Aerotech Environmental 2018)
- 2016–2019 Quarterly Groundwater Monitoring Reports for Fife RV Center (Aerotech Environmental Consulting)

The information in the available files indicate in 2004, Robinson Noble & Saltbush Inc. completed five boreholes on the adjacent property (and four on the subject property, described above). Gasoline and benzene were found above MTCA Method A CULs in soil from one location, B1, located on the northwest side of the Fife RV Center property. Additionally, gasoline, benzene, and ethylbenzene were found above MTCA Method A CULs in groundwater in the same borehole.

In 2013, Associated Earth Sciences, Inc. conducted a Phase II ESA of the adjacent Fife RV Center and identified gasoline and benzene, toluene, ethylbenzene, and xylene above MTCA Method A CULs in soil and groundwater. In 2016, Aerotech Environmental Consulting (Aerotech) supervised the excavation and removal of approximately 1,685 tons of petroleum contaminated soil from the northwest side of the La Casa/Fife RV Center site in a series of five excavations. Petroleum hydrocarbons remained above MTCA Method A CULs on the sidewalls of the excavation and below site utilities that were not excavated. Oxygen Release Compound -Advanced was mixed into the backfill for treatment of remaining contaminants.

From 2016 through 2018, Aerotech completed quarterly monitoring and a remedial investigation of the neighboring site. Monitoring wells closest to the subject property showed no impact from petroleum hydrocarbons with the groundwater gradient trending away from the subject property.

Based on the information within available Ecology files, the neighboring property west, La Casa Real Drum/Fife RV Center, has unresolved RECs related to the historical release of petroleum hydrocarbons related to a former gasoline station. The groundwater gradient observed for the neighboring site is southwesterly and away from the subject property. Monitoring wells near the subject property are non-detect for petroleum hydrocarbons. Vapor migration is anticipated to mirror the soil and groundwater plumes. Therefore, the release on the adjacent property does not appear to represent a REC to the subject property.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 20, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site examination are included in Appendix E.

5.1 Subject Property

The subject property is developed with a former motel building being used as an RV parts and repair facility. The building is situated on the northern central portion of the subject property and is surrounded by an asphalt parking lot. RVs awaiting repair and those for sale are parked across the lot.

No RECs were specifically observed from the right-of-way. The rear of the property was viewed from Interstate 5 and was primarily RV storage and canopies. As noted above, one of the canopies is constructed over an oil-water separator and used for vehicle washing. Aerial photographs suggest the oil-water separator is located on the eastern side of the building. Based on the use of the property, small quantities of petroleum products and other hazardous substances are likely used and stored on the subject property.

5.2 Adjacent Properties

The neighboring property north is developed with a Travelodge motel. The neighboring property east is developed with a three-story office building for the Puyallup Tribe of Indians. Interstate 5 borders the subject property to the south. The Fife RV Center borders the subject property to the west. A Tahoma Express gasoline station and Jack in the Box Restaurant are northwest of the Fife RV Center.

No RECs were specifically observed on neighboring properties with potential to impact the subject property.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13.

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix conducted an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health – Contaminated Properties division, on February 4, 2021 (TPCHD 2021). Mr. Olsen indicated the TPCHD does not have files related to the metals found in groundwater below the subject property. Mr. Olsen indicated the TPCHD's files related to the neighboring property west (La Casa Real Drum) were closed in 2017.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located at 3520 Pacific Highway E in Fife, Washington, on Pierce County Parcel Identification number 0320111049 (Figure 1). The subject property is currently owned by KS Family, LLC, and operated as the Fife RV Center East Property, which encompasses the parts and repair department.

The subject property was primarily used as farmland until development of a Holiday Inn motel in 1964. The site was operated as a Holiday Inn through the 1980s and then as the Hometel Inn through at least 2002. The site was used as a Korum outdoor sales lot in 2006 and as a Fife RV sales lot from 2010 through the present. Records indicate an oil-water separator and RV wash pad have been operated on the subject property from at least 2012 through the present. The presence and operation of a wash pad and oil/water separator on the subject property is of some environmental concern but likely represents *de minimis* conditions assuming proper operation and maintenance.

A review of regulatory information indicated that several nearby sites were identified in the regulatory record databases, including the adjacent property to the west (La Casa Real Drum/Fife RV Center), which has an unresolved petroleum release related to a historical gasoline station. Based on the groundwater gradient away from the subject property, soil, groundwater, and vapor contamination from the neighboring release is not expected to have impacted the subject property (Figure 2). No other listed sites are suspected to have impacted the subject property.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed on the Ecology CSCSL database, Ecology VCP database, ALLSITES database, and WA HIST CDL database. The listings are primarily related to metals discovered in groundwater during previous Phase II ESAs. Total arsenic, chromium, and lead are suspected to continue to remain above Model Toxics Control Act (MTCA) Method A cleanup levels (CULs) below the subject property, appearing to be related to area-wide contamination from the Asarco Smelter plume, historical farming activities, or naturally occurring background concentrations. However, dissolved metals concentrations below the property were reported below MTCA Method A CULs in four groundwater monitoring wells. The presence of total metals in groundwater are considered a REC to the subject property. The clandestine drug lab listings for the site were previously resolved representing an HREC for the site.

Data Gaps

An on-site reconnaissance and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with American Society for Testing and Materials Standard (ASTM) E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

8. REFERENCES

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Appendix A

User Supplied Documents

Commitment for Title Insurance

Title Officer:
Email:
Title No.: 210607-SC

Property Address:

Introducing LiveLOOK

LiveLOOK title document delivery system is designed to provide 24/7 real-time access to all information related to a title insurance transaction.

Access title reports, exception documents, an easy-to-use summary page, and more, at your fingertips and your convenience.

To view your new Chicago Title LiveLOOK report, Click Here

Effortless, Efficient, Compliant, and Accessible

PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210607-SC [ROW TD4030]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: February 24, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: February 24, 1971 at 08:00 AM
Ending date: February 24, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

(continued)

1. Warranty Deed:

   Grantor: National Realty Corp., a Delaware corporatij, successor in interest ot Iowa Machinery and Supply Company, an Iowa corporation
   Grantee: Highland Properties, a partnrship
   Recorded: May 6, 1983
   Recording No.: 8305060253

2. Warranty Deed:

   Grantor: Highland Properties, a partnrship
   Grantee: Teddy N. Moore, as Trustee nder the Marital Trust Agreement dated September 6, 1979, or successor interest of Trustee of said Trust Agreement,to an undivided one-half interest and Teddy N. Moore, as Trustee, under the Family Trust Agreement dated September 6, 1979, or successor interest of Trustee of said Trust Agreement,to an undivided one-half interest , as tenants in common
   Recorded: May 6, 1983
   Recording No.: 8305060254

3. Warranty Deed:

   Grantor: Teddy N. Moore, as Trustee under the Marital Trust Agreement dated September 6, 1979 ,as to an undivided one-half interest and Teddy N. Moore, as Trustee, under the Family Trust Agreement dated September 6, 1979, as to an undivided one-half interest, as tenants in common
   Grantee: Port of Tacoma Inn, Inc.
   Recorded: March 23, 1989
   Recording No.: 8903230301

4. Warranty Deed:

   Grantor: Port of Tacoma Inn, Inc.
   Grantee: Kyung W. Lee and Gil Ja Lee, husband and wife
   Recorded: April 28, 1994
   Recording No.: 9404280942

5. Warranty Deed:

   Grantor: Kyung W. Lee and Gil Ja Lee, husband and wife
   Grantee: Star Lodging of the Northwest L.L.C., a Washington limited liability company dba Hometel Inn
   Recorded: October 2, 1998
   Recording No.: 9810020013

6. Warranty Deed:

   Grantor: Star Lodging of the Northwest L.L.C., a Washington limited liability company dba Hometel Inn
   Grantee: KS Family, LLC, a Washington limited liability company
   Recorded: February 8, 2005
   Recording No.: 200502080757

(continued)

7. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document:

Entitled:	Memorandum of Lease
Lessor:	KS Family, LLC
Lessee:	Fife RV & Auto Center, Inc.
Recording Date:	September 9, 2013
Recording No.:	201309090543

EXHIBIT "A"

Legal Description

PARCEL A:

Beginning at the Northeast corner of the West 30 acres of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, in Pierce County, Washington;
thence South along the East line of said West 30 acres to theNorth line of property condemned by United States of America For PSH #1 By U.S.D.C Cause No. 2549;
thence Westerly and Northerly along said North line of said condemned property and the North line of property conveyed to the State of Washington for PSH #1 by deed recorded under Recording No. 1896305 to a point 322.50 feet South of the North line of said Northeast quarter of the Northeast quarter;
thence Easterly on a line parallel with the North line of said Northeast quarter of the Northeast quarter, a distance of approximately 237.83 feet to the easterly line of the West 15 acres of the Northeast quarter of the Northeast quarter of said Section 11;
thence North along said East line of the West 15 acres a distance of approximately 322.50 feet to the North line of said Northeast quarter of the Northeast quarter of said Section 11;
thence Easterly along said North line, a distance of approximately 495 feet to the point of beginning;

Except the following described property:

Commencing at the Northwest corner of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, in Pierce County, Washington;
thence South 88°02'46" East along the North line of said subdivision, a distance of 332.10 feet;
thence South 00°55'45" West, parallel to the East line of the 15 acres of said subdivision, a distance of 137.55 feet;
thence South 88°02'46" East parallel to the North line of said subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said subdivision and the true point of beginning;
thence continuing South 88°02'46" East a distance of 65.00 feet;
thence South 03°39'20" West a distance of 329.63 feet to the Northerly line of the property condemned by United States of America for PSH #1 By U.S.D.C. Cause No. 2549;
thence Westerly and Northerly along said North line of said condemned property and the North line of property conveyed to the State of Washington for PSH #1 by deed recorded under Recording No. 1896305, the following three courses and distances;
North 76°51'45" West, 117.35 feet;
thence around a curve to the right, the center of which bears North 13° 08' 15" East having a central angle of 39°17'30", a radius of 309.00 feet, an arc distance of 212.11;
thence North 37°34'15" West along the Northeasterly right of way margin a distance of 4.21 feet to an extension of a line 322.50 feet South of and parallel to the North line of said subdivision;
thence South 88°02’46" East along a line 322.50 feet South of and parallel to the North line of said subdivision, a distance of 237.83 feet to the East line of the West 15 acres of said subdivision;
thence North 00°55'45" East along the East line of the West 15 acres of said subdivision, 185.00 feet to the true point of beginning.

PARCEL B:

An easement for ingress and egress as contained in reservation of easement recorded April 1, 1992 under Recording No. 9204010552, in Pierce County, Washington.

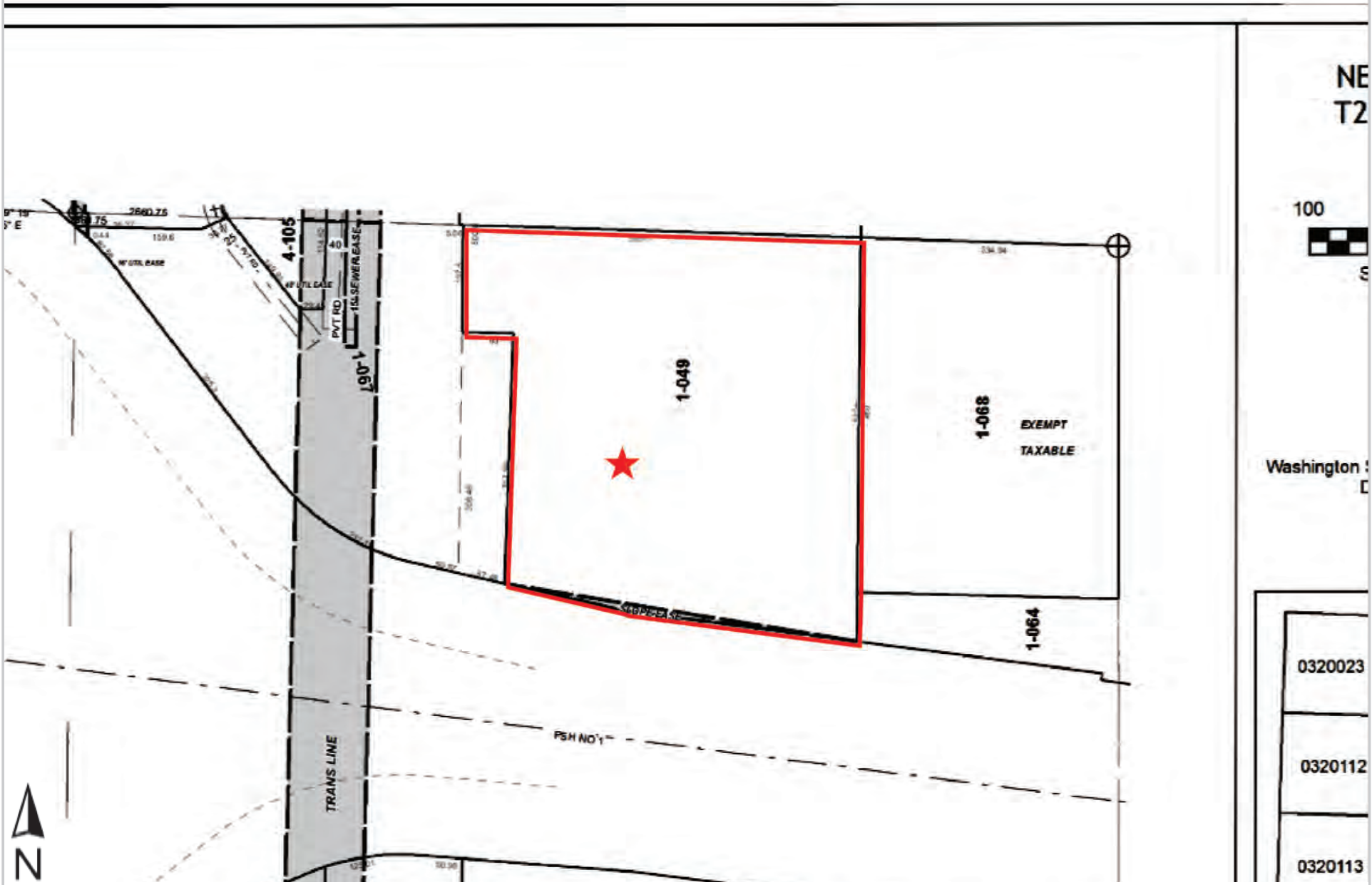

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

[illegible]

[illegible]

Recording Requested by:

Highlands Properties,
a Partnership

When Recorded Mail to:

Highlands Properties, a Partnership
9 Charles W. Bryant
400 University Avenue, Suite 200
Sacramento, California 95825

[illegible]

WARRANTY DEED

The Grantor, NATIONAL REALTY CORP., a Delaware corporation, successor in interest to IOWA MACHINERY AND SUPPLY COMPANY, an Iowa corporation, for valuable consideration, in hand paid, conveys and warrants to HIGHLANDS PROPERTIES, a Partnership, the following described real estate situated in the County of Pierce, State of Washington:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

DATED: April 28, 1988.

NATIONAL REALTY CORP., a Delaware corporation

By [illegible], President

ACKNOWLEDGMENT
(Corporation)

STATE OF CALIFORNIA)
COUNTY OF SAN FRANCISCO)

On this 28th day of April, in the year 1988, before me, [illegible], a Notary Public, personally appeared John D. Sandoval, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person who executed the within instrument, as President (or secretary) on behalf of the corporation therein named and acknowledged to me that the corporation executed it.

[illegible]

Notary Public

[illegible]

EXHIBIT "A"

Beginning at the northeast corner of the west 10 acres of the northeast quarter of the northeast quarter of Section 11, Township 22 North, Range 3 East of the W.M.,
thence south along the east line of said area 10 acres to the north line of property conveyed to the State of Washington for Tract by deed recorded August 1, 1969 under Auditor's fee No. 1[illegible]; thence westerly and northerly along said north line of property conveyed to State of Washington to a point 100.00 feet south of the north line of said northeast quarter of the northeast quarter, thence westerly on a line parallel with the north line of said northeast quarter of the northeast quarter, a distance of approximately 317.00 feet to the westerly line of the east 10 acres of the northeast quarter of the northeast quarter of said section 11, thence north along said east line of the west 10 acres a distance of approximately 100.00 feet to the north line of said northeast quarter of the northeast quarter of said section 11, thence westerly along said north line, a distance of approximately 167 feet to the point of beginning.

TOGETHER with easement rights granted by Puget Sound Power and Light Company and set forth in instrument under Recording Nun[illegible] and behalf.

[redacted]

Recording Requested By:

Chicago Title Insurance Co.

When Recorded Mail To:

Teddy H. Kono
Kingsley Robin Lane
9600 NE Sandy Blvd
Portland, Oregon 97220

[redacted]

WARRANTY DEED

The Grantor, HUNTLAND PROPERTIES, a Partnership, for valuable consideration, in hand paid, conveys and warrants to Teddy H. Kono as Trustee under the Marital Trust Agreement of Teddy H. Kono dated September 6, 1979, or successor Trustee of said Trust Agreement, in an undivided one-half interest as tenants in common, and to Teddy H. Kono as Trustee, under the Family Trust Agreement of Teddy H. Kono dated September 6, 1979, or successor Trustee or Trustees of said Trust Agreement as to the remaining undivided one-half interest as tenants-in-common, the following described real estate situated in the County of Pierce, State of Washington:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

DATED: April 28, 1982.

HUNTLAND PROPERTIES, a Partnership

By John H. Hundley, Partner

Accommodations
(Partnership)

STATE OF CALIFORNIA)
COUNTY OF SAN FRANCISCO)

On this 28th day of April, in the year 1982, before me, [illegible], a Notary Public, personally appeared John H. Hundley, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person that executed this instrument, on behalf of the partnership and acknowledged to me that the partnership executed it.

OFFICIAL SEAL
[illegible]
NOTARY PUBLIC - CALIFORNIA
SAN FRANCISCO COUNTY
My Comm. Expires [illegible]

Notary Public

EXHIBIT "A"

Beginning at the northeast corner of the west 10 acres of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 2 East of the W.M.; thence south along the east line of said west 10 acres to the center line of property conveyed to the State of Washington for highway by deed recorded August 1, 1949 under Auditor's Fee No. [illegible]; thence westerly and northerly along said center line of property conveyed to State of Washington to a point 200.00 feet south of the north line of said northeast quarter of the northeast quarter; thence westerly on a line parallel with the north line of said northeast quarter of the northeast quarter, a distance of approximately 330.00 feet to the westerly line of the east 10 acres of the northeast quarter of the northeast quarter of said section 11; thence north along said east line of the west 10 acres a distance of approximately 200.00 feet to the north line of said northeast quarter of the northeast quarter of said section 11; thence westerly along said north line, a distance of approximately 165 feet to the point of beginning.

Together with easement rights granted by Fuget Sound Power and Light Company and set forth in instruments under Recording Numbers [illegible] and [illegible].

(1) 59381 CHICAGO TITLE MAR 23 1989 VOL. 0535 PAGE 2812

8903230301

AFTER RECORDING RETURN TO:
PORT OF TACOMA INN, INC.
3518 Pacific Highway East
Fife, Washington 98424

STATUTORY WARRANTY DEED

The GRANTOR, Teddy N. Moore, as Trustee under the Marital Trust Agreement of Teddy N. Moore, dated September 6, 1979, as to an undivided one-half interest, and Teddy N. Moore, as Trustee under the Family Trust Agreement of Teddy N. Moore, dated September 6, 1979, as to an undivided one-half interest, as tenants in common, for and in consideration of ten dollars ($10.00) and other valuable consideration in hand paid, conveys and warrants to Port of Tacoma Inn, Inc., a Washington corporation, GRANTEE, the following described real estate:

See attached Exhibit A

situated in Pierce County, Washington, subject to the encumbrances of record set forth in the attached Exhibit B.

DATED this 16 day of March, 1989.

31800.00
723736 - 3 2359

Sherry S. Moore, Successor Trustee of the Marital Trust Agreement of Teddy N. Moore dated September 6, 1979

Sherry S. Moore, Successor Trustee of the Family Trust Agreement of Teddy N. Moore dated September 6, 1979

Teddy N. Moore, Trustee of the Marital Trust Agreement of Teddy N. Moore dated September 6, 1979

Teddy N. Moore, Trustee of the Family Trust Agreement of Teddy N. Moore dated September 6, 1979

89 MAR 23 PM 3:03

8903230301

13-

8903230 01

STATE OF Oregon)
) ss.
COUNTY OF Washington)

On this day personally appeared before me TEDDY N. MOORE, to me known to be the Trustor under the Marital and Family Trust Agreement of Teddy N. Moore, who executed the foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 16th day of March, 1989.

Gail K. Dowler
Notary Public in and for the State of Oregon, residing at Tigard.
My commission expires 3/11/90.

STATE OF Oregon)
) ss.
COUNTY OF Washington)

On this day personally appeared before me SHERRY S. MOORE, to me known to be the Successor Trustee under the Marital and Family Trust Agreement of Teddy N. Moore, who executed the foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 16th day of March, 1989.

Gail K. Dowler
Notary Public in and for the State of Oregon, residing at Tigard.
My commission expires 3/11/90.

[V-0471a]

8903230301

PARCEL A:

THE SOUTH 100 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;
LESS THE WEST 490.03 FEET THEREOF;
AND LESS THE SOUTH 100 FEET OF THE EAST HALF OF THE EAST HALF OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2.

PARCEL B:

THE WESTERLY 320 FEET OF THE FOLLOWING DESCRIBED PROPERTY:

THAT PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN, LYING SOUTH OF FORMER STATE ROAD NO. 1, (NOW PACIFIC HIGHWAY) AND NORTH OF THE SOUTH 100 FEET OF SAID SUBDIVISION.

PARCEL C:

BEGINNING AT THE NORTHEAST CORNER OF THE WEST 30 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN,
THENCE SOUTH ALONG THE EAST LINE OF SAID WEST 30 ACRES TO THE NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED AUGUST 03, 1960 UNDER RECORDING NO. 1896305; THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO STATE OF WASHINGTON TO A POINT 322.50 FEET SOUTH OF THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER; THENCE EASTERLY ON A LINE PARALLEL WITH THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER, A DISTANCE OF APPROXIMATELY 237.83 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11; THENCE NORTH ALONG SAID EAST LINE OF THE WEST 15 ACRES A DISTANCE OF APPROXIMATELY 322.50 FEET TO THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11; THENCE EASTERLY ALONG SAID NORTH LINE, A DISTANCE OF APPROXIMATELY 495 FEET TO THE POINT OF BEGINNING.

EXCEPT THE FOLLOWING DESCRIBED PROPERTY:

COMMENCING AT THE NORTHWEST CORNER OF NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST,

WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00 DEGREES 55 MINUTES 45 SECONDS WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SAID SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION OF AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03 DEGREES 39 MINUTES 20 SECONDS WEST A DISTANCE OF 329.63 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED AUGUST 03, 1960 UNDER RECORDING NO. 1896305;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO STATE OF WASHINGTON, THE FOLLOWING THREE COURSES AND DISTANCES:

NORTH 76 DEGREES 51 MINUTES 45 SECONDS WEST 117.35 FEET;
THENCE AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13 DEGREES 08 MINUTES 15 SECONDS EAST HAVING A CENTRAL ANGLE OF 39 DEGREES 17 MINUTES 30 SECONDS A RADIUS OF 309.30 FEET, AN ARC DISTANCE OF 212.11;
THENCE NORTH 37 DEGREES 34 MINUTES 15 SECONDS WEST ALONG THE NORTHEASTERLY RIGHT OF WAY MARGIN A DISTANCE OF 4.21 FEET TO AN EXTENSION OF A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION;
THENCE SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST ALONG A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 237.83 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE NORTH 00 DEGREES 55 MINUTES 45 SECONDS EAST ALONG THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION 185.00 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH EASEMENT RIGHTS GRANTED BY PUGET SOUND POWER & LIGHT COMPANY AND SET FORTH IN INSTRUMENTS UNDER RECORDING NUMBERS 1539432 AND 2238042.

ALL SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

9. DEED OF TRUST AND ASSIGNMENT OF RENTS AND/OR LEASES AND THE TERMS AND CONDITIONS THEREOF:

GRANTOR:	TEDDY N. MOORE, INDIVIDUALLY, AND AS TRUSTOR AND AS TRUSTEE UNDER THE MARITAL TRUST AGREEMENT OF TEDDY N. MOORE, DATED SEPTEMBER 06, 1979 AND INDIVIDUALLY AND AS TRUSTOR AND AS TRUSTEE UNDER THE FAMILY TRUST AGREEMENT OF TEDDY N. MOORE, DATED SEPTEMBER 6, 1979
TRUSTEE:	CHICAGO TITLE INSURANCE COMPANY
BENEFICIARY:	WELLS FARGO REALTY ADVISORS FUNDING, INCORPORATED
AMOUNT:	$ 26,000,000.00
DATED:	MARCH 15, 1984
RECORDED:	MARCH 16, 1984
RECORDING NUMBER:	8403160120

THE AMOUNT NOW SECURED BY SAID DEED OF TRUST AND THE TERMS UPON WHICH

A.L.T.A. COMMITMENT
SCHEDULE B
(Continued)

Our No. A-59381
Your No. NENDELS

THE SAME CAN BE DISCHARGED OR ASSUMED SHOULD BE ASCERTAINED FROM THE HOLDER OF THE INDEBTEDNESS SECURED.

SAID INSTRUMENT HAS BEEN MODIFIED BY SUPPLEMENT OF DEED OF TRUST, SECURITY AGREEMENT AND ASSIGNMENT OF RENTS, RECORDED UNDER RECORDING NUMBER 8502130298.

10. ASSIGNMENT OF LESSOR'S INTEREST IN LEASES AND RENTS GIVEN FOR SECURITY, AND THE TERMS AND CONDITIONS THEREOF:

ASSIGNOR:	TEDDY N. MOORE, INDIVIDUALLY AND AS TRUSTOR AND AS TRUSTEE UNDER THE MARITAL TRUST AGREEMENT OF TEDDY N. MOORE, DATED SEPTEMBER 06, 1979 AND INDIVIDUALLY AND AS TRUSTOR AND AS TRUSTEE UNDER THE FAMILY TRUST AGREEMENT OF TEDDY N. MOORE, DATED SEPTEMBER 6, 1979
ASSIGNEE:	WELLS FARGO REALTY ADVISORS FUNDING, INCORPORATED
DATED:	MARCH 15, 1984
RECORDED:	MARCH 16, 1984
RECORDING NUMBER:	8403160121
PURPOSE:	ASSIGNING ALL LEASES, WRITTEN OR ORAL, NOW IN EXISTENCE OR HEREAFTER ARISING AND ALL AGREEMENTS FOR THE USE AND OCCUPANCY OF ALL OR ANY PORTION OF THE PROPERTY

SAID INSTRUMENT HAS BEEN MODIFIED BY SUPPLEMENT TO ASSIGNMENT OF LESSORS INTEREST IN LEASES AND RENTS, RECORDED UNDER RECORDING NUMBER 8502130297.

11. FINANCING STATEMENT AND THE TERMS AND CONDITIONS THEREOF:

SECURED PARTY:	WELLS FARGO REALTY ADVISORS FUNDING, INCORPORATED
DEBTOR:	TEDDY N. MOORE, INDIVIDUALLY AND AS TRUSTOR AND AS TRUSTEE UNDER THE MARITAL TRUST AGREEMENT OF TEDDY N. MOORE, DATED SEPTEMBER 06, 1979 AND INDIVIDUALLY AND AS TRUSTOR AND AS TRUSTEE UNDER THE FAMILY TRUST AGREEMENT OF TEDDY N. MOORE, DATED SEPTEMBER 6, 1979
COVERS:	PERSONAL PROPERTY AND FIXTURES LOCATED ON PROPERTY HEREIN DESCRIBED.
RECORDED:	APRIL 18, 1984
RECORDING NUMBER:	8404180108

12. LEASE, AND THE TERMS AND CONDITIONS THEREOF:

LESSOR:	WASHINGTON NATURAL GAS COMPANY
LESSEE:	NENDELS MOTOR INN
FOR A TERM OF:	TWELVE (12) MONTHS AND THEREAFTER UNTIL TERMINATED
FROM:	DECEMBER 01, 1983
RECORDED:	FEBRUARY 06, 1984
RECORDING NUMBER:	8402060186

14. AN EASEMENT AFFECTING THE PORTION OF SAID PREMISES AND FOR THE PURPOSES STATED HEREIN, AND INCIDENTAL PURPOSES:

FOR:	GAS SERVICE LINE, SERVING PROPERTY TO THE SOUTH
DISCLOSED BY INSTRUMENT	
RECORDED:	JUNE 30, 1978
RECORDING NUMBER:	2833227, AND NUMEROUS OTHER INSTRUMENTS OF RECORD
AREA AFFECTED:	PARCELS A AND B

THE DESCRIPTION CONTAINED THEREIN IS NOT SUFFICIENT TO DETERMINE ITS EXACT LOCATION WITHIN THE PROPERTY HEREIN DESCRIBED.

15. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	CITY OF TACOMA, A MUNICIPAL CORPORATION, ITS SUCCESSORS AND ASSIGNS
PURPOSE:	THE RIGHT TO ERECT, CONSTRUCT, OPERATE AND MAINTAIN A LINE OR LINES FOR THE TRANSMISSION OF ELECTRIC ENERGY THEREOVER FOR ANY AND ALL PURPOSES FOR WHICH ELECTRIC ENERGY IS NOW OR MAY HEREAFTER BE USED, WITH ALL NECESSARY POLES, TOWERS, WIRES, CABLES, FIXTURES AND APPURTENANCES
AREA AFFECTED:	A STRIP OF LAND 100 FEET IN WIDTH, WITHIN THE WESTERLY PORTION OF PARCEL C
RECORDED:	JUNE 22, 1943
RECORDING NUMBER:	1323757

16. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	PUGET SOUND POWER & LIGHT COMPANY
PURPOSE:	NOTHING IN THE GRANT SHALL BLE CONSTRUED AS IMPAIRING THE RIGHT OF THE GRANTOR TO ENTER UPON AND USE SAID PREMISES FOR THE PURPOSES OF PATROLLING, REPAIRING, MAINTAINING, ALTERING, OR OTHERWISE USING ITS ELECTRIC TRANSMISSION LINES NOW LOCATED ON SAID TRACT, OR TO ERECT OTHER AND ADDITIONAL POLE LINES, OR TO USE SAID PREMISES FOR ANY CORPORATE PURPOSE
AREA AFFECTED:	PARCEL C
RECORDED:	JANUARY 04, 1950
RECORDING NUMBER:	1539432

17. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	PUGET SOUND POWER & LIGHT COMPANY
PURPOSE:	THE GRANTOR SHALL HAVLE FREE AND UNRESTRICTED RIGHT TO ENTER UPON AND USE SAID LANDS FOR THE PURPOSE OF PATROLLING, MAINTAINING, ALTERING, RECONSTRUCTING, ADDING TO OR OTHERWISE USING ITS ELECTRIC TRANSMISSION LINES NOW LOCATED ON SAID LANDS OR TO USE SASID LANDS FOR ANY CORPORATE PURPOSES
AREA AFFECTED:	PARCEL C
RECORDED:	MAY 01, 1968
RECORDING NUMBER:	2238042

A.L.T.A. COMMITMENT
SCHEDULE B
(Continued)

Our No. A-59381
Your No. NENDELS

18. CONDEMNATION OF ACCESS TO STATE HIGHWAY NUMBER 1 AND OF LIGHT, VIEW AND AIR BY DECREE TO STATE OF WASHINGTON:
ENTERED: NOT DISCLOSED
PIERCE COUNTY
SUPERIOR COURT NO.: 2549

THE INTEREST OF THE UNITED STATES OF AMERICA IS NOW HELD BY WASHINGTON STATE HIGHWAY COMMISSION, DEPARTMENT OF HIGHLWAYS BY INSTRUMENT RECORDED SEPTEMBER 04, 1964 UNDER RECORDING NO. 2069940.

AFFECTS: PARCEL C

19. RELINQUISHMENT OF ACCESS TO STATE HIGHWAY NUMBER 1 AND OF LIGHT, VIEW AND AIR BY DEED TO STATE OF WASHINGTON:

RECORDED: AUGUST 03, 1960
RECORDING NUMBER: 1896305

AFFECTS: PARCEL C

20. UNRECORDED LEASEHOLDS, IF ANY, RIGHTS OF VENDORS AND HOLDERS OF SECURITY INTERESTS ON PERSONAL PROPERTY INSTALLED UPON SAID PROPERTY AND RIGHTS OF TENANTS TO REMOVE TRADE FIXTURES AT THE EXPIRATION OF THE TERM.

23. THE GOVERNMENTAL REGULATORY POWERS IN PARAGRAPHS 1 AND 2 OF THE EXCLUSIONS FROM COVERAGE, IN ADDITION TO OTHER GOVERNMENTAL ENTITIES, INCLUDE THE PUYALLUP TRIBE OF INDIANS.

NOTE: ACCORDING TO THE APPLICATION, TITLE IS TO VEST IN KYUNG W. KIM AND INSIL KIM, HUSBAND AND WIFE. WE FIND NO PERTINENT MATTERS OF RECORD AGAINST THE NAMES OF SAID PARTIES.

RC

9404280942

LAWYERS TITLE COMPANY
OF WASHINGTON, INC.
94L-321

FILED FOR RECORD AT REQUEST OF

F.A.T.
APR 26 1994

THIS SPACE PROVIDED FOR RECORDING DATA

94 APR 20 PM 4:03

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR PIERCE CO. WASH

WHEN RECORDED RETURN TO

Name Cecelia R. Howell
SIMMONS, VIALL & LEE
Address 1640 Washington Mutual Tower
1201 Third Avenue, Ste. 1640
City, State, Zip Seattle, WA 98101

Statutory Warranty Deed

THE GRANTOR Port of Tacoma Motor Inn, Inc., a Washington Corporation

for and in consideration of completion of an IRC Section 1031 tax-deferred exchange

in hand paid, conveys and warrants to KYUNG W. LEE and GIL JA LEE, husband and wife

the following described real estate, situated in the County of Pierce, State of Washington:

See Exhibit "A" attached hereto and herein incorporated by this reference

SUBJECT TO: Exhibit "B" attached hereto

Property being conveyed to the Grantee by the Grantor at the instruction and direction of Advantage Exchange Services, Inc., the qualified intermediary.

EXCISE TAX PAID $ 24174.00
Re. No. 2023116 Date 4-28-94
Pierce County
By [signature] Auth. Sig

Dated 4-27-1994, 19 94

Port of Tacoma Motor Inn, Inc.
a Washington Corporation
By: [signature]
Its: PRESIDENT

STATE OF WASHINGTON, County of } ss.

I hereby certify that I know or have satisfactory evidence that _____ is the person(s) who appeared before me, and said person(s) acknowledged that (____he____) signed this instrument and acknowledged it to be _____ free and voluntary act for the uses and purposes mentioned in this instrument.

Dated: _____

Notary Public in and for the State of Washington, residing at _____

My appointment expires _____

STATE OF WASHINGTON, County of King } ss.

9404280942

I certify that I know or have satisfactory evidence that Jin Sil Kim is the person(s) who appeared before me, and said person(s) acknowledged that (_she_) signed this instrument, on oath stated that she is authorized to execute the instrument and acknowledged it as the Vice-President of Port of Tacoma Motor Inn, Inc. to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.

Dated: _____

Cecelia R. Howell
Notary Public in and for the State of Washington, residing at Lynnwood

My appointment expires 5-19-

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

EXHIBIT A

Order No. 368304

D-E-S-C-R-I-P-T-I-O-N

PARCEL "A":
Beginning at the Northeast corner of the West 30 acres of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian; thence South along the East line of said West 30 acres to the North line of property condemned by United States of America for PSH #1 by U.S.D.C Cause No. 2549; thence Westerly and Northerly along said North line of said condemned property and the North line of property conveyed to the State of Washington for PSH #1 by deed recorded under Recording No. 1896305 to a point 322.50 feet South of the North line of said Northeast quarter of the Northeast quarter; thence Easterly on a line parallel with the North line of said Northeast quarter of the Northeast quarter, a distance of approximately 237.83 feet to the Easterly line of the West 15 acres of the Northeast quarter of the Northeast quarter of said Section 11; thence North along said East line of the West 15 acres a distance of approximately 322.50 feet to the North line of said Northeast quarter of the Northeast quarter of said Section 11; thence Easterly along said North line, a distance of approximately 495 feet to the point of beginning, in Pierce County, Washington.

EXCEPT the following described property:
Commencing at the Northwest corner of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, thence South 88°02'46" East along the North line of said Subdivision, a distance of 332.10 feet; thence South 00°55'45" West, parallel to the East line of the 15 acres of said Subdivision, a distance of 137.55 feet; thence South 88°02'46" East parallel to the North line of said Subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said Subdivision of and the true point of beginning; thence continuing South 88°02'46" East a distance of 65.00 feet; thence South 03°39'20" West a distance of 329.63 feet to the Northerly line of the property condemned by United States of America for PSH #1 by USDC Cause No. 2549; thence Westerly and Northerly along said North line of said condemned property and the North line of property conveyed to the State of Washington for PSH #1 by deed recorded under Recording No. 1896305, the following three courses and distances:
North 76°51'45" West 117.35 feet; thence around a curve to the right, the center of which bears North 13°08'15" East having a central angle of 39°17'30" a radius of 309.00 feet, an arc distance of 212.11; thence North 37°34'15" West along the Northeasterly right of way margin a distance of 4.21 feet to an extension of a line 322.50 feet South of and parallel to the North line of said Subdivision; thence South 88°02'46" East along a line 322.50 feet South of and parallel to the North line of said Subdivision, a distance of 237.83 feet to the East line of the West 15 acres of said Subdivision; thence North 00°55'45" East along the East line of the West 15 acres of said Subdivision 185.00 feet to the true point of beginning.

1 SIC
1 Col

9404280942

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

32X10

BK1018PG0648

EXHIBIT A

Order No. 368304

PARCEL "B":
An easement for ingress, egress and utilities as contained in reservation of easement recorded under Recording No. 9204010552, in Pierce County, Washington.

15K

9404280942

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

32X11

EXHIBIT B BK T018PG0649

Schedule B - Section 2
Continued

Order No. 368304

Condemnation of access to State Highway Number 1 and of light, view and air by Decree to United States of America by Decree entered undisclosed under United States District Court No. 2549.

The interest of the United States of America is now held by Washington State Highway Commission, Department of Highways by instrument recorded September 4, 1964 under Recording No. 2059940.

Easement and conditions contained therein:
Recorded: April 1, 1992
Recording No.: 9204010549
For: signs
Affects: as delineated therein at exhibit D-4

Easement and conditions contained therein:
Recorded: April 1, 1992
Recording No.: 9204010550
For: a common parking area
Affects: as delineated therein at exhibit E-4

Easement and conditions contained therein:
Recorded: April 1, 1992
Recording No.: 9204010551
For: a common parking area
Affects: Northerly portion of the herein described property

Terms and conditions contained in instrument recorded under Recording No. 9204010552 wherein an easement was reserved (being Parcel "B" herein) to benefit Parcel "A" herein.

Terms and conditions contained in grant of sign easement recorded under Recording No. 9204010553, which is beneficial to Parcel "A" herein.

Said lease, among other things, provides for an option to purchase.

Appliance Lease dated December 1, 1983 for a term of 12 months and thereafter until terminated; filed under Recording No. 8402060186:
Lessor: Washington Natural Gas Company
Lessee: Nendels, M & S Inc.

Unrecorded leaseholds, if any, rights of vendors and chattel mortgages of personal property and rights of tenants to remove trade fixtures at the expiration of the term.

Appliance Lease dated June 4, 1980 for a term of 12 months and thereafter until terminated; filed under Recording No. 9008130225:
Lessor: Port of Tacoma Inn
Lessee: Washington Natural Gas Company

TKC LKW ICL

9404280942

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE, IT IS DUE TO THE QUALITY OF THE DOCUMENT.

32XPD

PIERCE COUNTY, WA
9810020013
10-2-1998 08:30 am
Fee Amt: $11.00

(3)
AFTER RECORDING MAIL TO:
Star Lodging of the Northwest, L.L.C. dba Hometel Inn
11101 SE 208th St #1224
Kent, WA 98031

Filed for Record at Request of
First American Title Company
Escrow Number: 10285ISS

Statutory Warranty Deed

Grantor(s): Kyung W. Lee, Gil Ja Lee
Grantee(s): Star Lodging of the Northwest, L.L.C. dba Hometel Inn
Abbreviated Legal: NE Quarter NE Qurter, records of Pierce County, WA, 11, 20, 3
Additional legal(s) on page:
Assessor's Tax Parcel Number(s): 032011-1-049

THE GRANTOR Kyung W. Lee and Gil Ja Lee, husband and wife
for and in consideration of TEN DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATION
in hand paid, conveys and warrants to Star Lodging of the Northwest, L.L.C., a
Washington Limited Liability Company dba Hometel Inn
the following described real estate, situated in the County of Pierce, State of Washington:
SEE ATTACHED LEGAL DESCRIPTION

SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

FAT 371705-1
OCT 0 1 1998

See Attached Exhibit A
Dated this 29th day of September 1998

By _____ By _____
Kyung W. Lee

By _____ By _____
Gil Ja Lee

STATE OF Washington }
County of King } SS:

I certify that I know or have satisfactory evidence that Kyung W. Lee and Gil Ja Lee
are the person s who appeared before me, and said person s acknowledged that they
signed this instrument and acknowledge it to be their free and voluntary act for the uses and purposes
mentioned in this instrument.

Dated: September 30th, 1998

CARRIANNE BALLOU
STATE OF WASHINGTON
NOTARY - - PUBLIC
MY COMMISSION EXPIRES 6-21-01

Carrianne Ballou
Notary Public in and for the State of Washington
Residing at Pierce County
My appointment expires: 6/21/01

LPB-10

ETN: 978654 10-1-1998
Excise Tax Collected: $39780.00
Cathy Pearsall-Stipek CPO Pierce County Auditor
BY: LISA DRURY

9810020013

PARCEL A:

BEGINNING AT THE NORTHEAST CORNER OF THE WEST 30 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN; THENCE SOUTH ALONG THE EAST LINE OF SAID WEST 30 ACRES TO THE NORTH LINE OF PROPERTY CONDEMNED BY UNITED STATES OF AMERICA FOR PSH #1 BY U.S.D.C CAUSE NO. 2549;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF SAID CONDEMNED PROPERTY AND THE NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED UNDER RECORDING NO. 1896305 TO A POINT 322.50 FEET SOUTH OF THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER; THENCE EASTERLY ON A LINE PARALLEL WITH THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER, A DISTANCE OF APPROXIMATELY 237.83 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11;
THENCE NORTH ALONG SAID EAST LINE OF THE WEST 15 ACRES A DISTANCE OF APPROXIMATELY 322.50 FEET TO THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11;
THENCE EASTERLY ALONG SAID NORTH LINE, A DISTANCE OF APPROXIMATELY 495 FEET TO THE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON;
EXCEPT THE FOLLOWING DESCRIBED PROPERTY:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN;
THENCE SOUTH 88°02'46" EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00°55'45" WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SAID SUBDIVISION, A DISTANCE OF 137.55 FEET;

THENCE SOUTH 88°02'46" EAST PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION OF AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88°02'46" EAST A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03°39'20" WEST A DISTANCE OF 329.63 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONDEMNED BY UNITED STATES OF AMERICA FOR PSH #1 BY USDC CAUSE NO. 2549;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF SAID CONDEMNED PROPERTY AND THE NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED UNDER RECORDING NO. 1896305, THE FOLLOWING THREE COURSES AND DISTANCES:

NORTH 76°51'45" WEST 117.35 FEET;
THENCE AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13°08'15" EAST HAVING A CENTRAL ANGLE OF 39°17'30" A RADIUS OF 309.00 FEET, AN ARC DISTANCE OF 212.11;
THENCE NORTH 37°34'15" WEST ALONG THE NORTHEASTERLY RIGHT OF WAY MARGIN A DISTANCE OF 4.21 FEET TO AN EXTENSION OF A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION;

THENCE SOUTH 88°02'46" EAST ALONG A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 237.83 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE NORTH 00°55'45" EAST ALONG THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION 185.00 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL B:

AN EASEMENT FOR INGRESS AND EGRESS AS CONTAINED IN RESERVATION OF EASEMENT RECORDED UNDER RECORDING NO. 9204010552, IN PIERCE COUNTY, WASHINGTON.

Subject to:

APPLIANCE LEASE DATED DECEMBER 1, 1983 FOR A TERM OF 12 MONTHS AND THEREAFTER UNTIL TERMINATED; FILED UNDER RECORDING NO. 8402060186:
LESSOR: WASHINGTON NATURAL GAS COMPANY
LESSEE: NENDELS, M & S INC.

APPLIANCE LEASE DATED JUNE 4, 1990 FOR A TERM OF 12 MONTHS AND THEREAFTER UNTIL TERMINATED; FILED UNDER RECORDING NO. 9008130225:
LESSOR: PORT OF TACOMA INN
LESSEE: WASHINGTON NATURAL GAS COMPANY

CONDEMNATION OF ACCESS TO STATE HIGHWAY NUMBER 1 AND OF LIGHT, VIEW AND AIR BY DECREE TO UNITED STATES OF AMERICA BY DECREE ENTERED UNDISCLOSED UNDER UNITED STATES DISTRICT COURT NO. 2549.

THE INTEREST OF THE UNITED STATES OF AMERICA IS NOW HELD BY WASHINGTON STATE HIGHWAY COMMISSION, DEPARTMENT OF HIGHWAYS BY INSTRUMENT RECORDED SEPTEMBER 4, 1964 UNDER RECORDING NO. 2069940.

EASEMENT AND CONDITIONS CONTAINED THEREIN:
RECORDED: APRIL 1, 1992
RECORDING NO.: 9204010549
FOR: SIGNS
AFFECTS: REFER TO SAID INSTRUMENT FOR THE EXACT LOCATION

EASEMENT AND CONDITIONS CONTAINED THEREIN:
RECORDED: APRIL 1, 1992
RECORDING NO.: 9204010550
FOR: A COMMON PARKING AREA
AFFECTS: REFER TO SAID INSTRUMENT FOR THE EXACT LOCATION

EASEMENT AND CONDITIONS CONTAINED THEREIN:
RECORDED: APRIL 1, 1992
RECORDING NO.: 9204010551
FOR: A COMMON PARKING AREA
AFFECTS: REFER TO SAID INSTRUMENT FOR THE EXACT LOCATION

TERMS AND CONDITIONS CONTAINED IN INSTRUMENT RECORDED UNDER RECORDING NO. 9204010552 WHEREIN AN EASEMENT WAS RESERVED (BEING PARCEL B HEREIN) TO BENEFIT PARCEL A HEREIN.
A COPY OF WHICH IS HERETO ATTACHED.

TERMS AND CONDITIONS CONTAINED IN GRANT OF SIGN EASEMENT RECORDED UNDER RECORDING NO. 9204010553, WHICH IS BENEFICIAL TO PARCEL "A" HEREIN.

1 LCS 200311649

200502080757.001

200502080757 3 PGS
02-08-2005 03:47pm $21.00
PIERCE COUNTY, WASHINGTON

AFTER RECORDING MAIL TO:

KS Family, LLC
3514 Shorecliff Drive NE
Tacoma, WA 98422

STATUTORY WARRANTY DEED

Assessor's Property Tax Parcel/Account Number: 0320111049
Legal Description (Abbreviated) : PTN NE 1/4 NE 1/4 SEC 11, T20N, R03E, W/M

THE GRANTOR Star Lodging of the Northwest, L.L.C.., a Washington limited liability company for and in consideration of **Ten Dollars and Other Good and Valuable Consideration** in hand paid, conveys, and warrants to **KS Family, LLC, a Washington limited liability company** the following described real estate, situated in the County of Pierce, state of Washington:

SEE PAGE 2, EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE FOR COMPLETE LEGAL DESCRIPTION.

SEE EXHIBIT "B" ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE FOR EXCEPTIONS TO TITLE.

Dated: **January 26, 2005**

Star Lodging of the Northwest, L.L.C.

By: Amrit Pal Singh 2/7/05
Amvit Pal Singh, Member

By: G. S. Malhi
Gurchuran Singh Malhi, Member

By: Gill
Rajinder Singh Gill, Member

CYNTHIA L. FOLEY
COMMISSION EXPIRES
NOTARY PUBLIC
9-20-07
STATE OF WASHINGTON

STATE OF WASHINGTON)
COUNTY OF PIERCE) -ss

I certify that I know or have satisfactory evidence that **Amvit Pal Singh, Gurchuran Singh Malhi and Rajinder Singh Gill** are the persons who appeared before me, and said persons acknowledged that they signed this instrument, on oath stated that they are authorized to execute the instrument and acknowledged it as the MEMBERS of **Star Lodging of the Northwest, L.L.C.** to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.

Dated: 2-7-05

Cynthia L. Foley
Notary Public in and for the state of WASHINGTON
My appointment expires 9-20-07

LPB-10(i) 7/97

4071616 2 PGS

02-08-2005 03:37pm ERJOHNSO
EXCISE COLLECTED:$45,900.00 AFF.FEE:$0.00
PAT MCCARTHY, AUDITOR
PIERCE COUNTY, WASHINGTON

21

EXHIBIT "A"

PARCEL A:

BEGINNING AT THE NORTHEAST CORNER OF THE WEST 30 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN; THENCE SOUTH ALONG THE EAST LINE OF SAID WEST 30 ACRES TO THE NORTH LINE OF PROPERTY CONDEMNED BY UNITED STATES OF AMERICA FOR PSH #1 BY U.S.D.C CAUSE NO. 2549;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF SAID CONDEMNED PROPERTY AND THE NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED UNDER RECORDING NO. 1896305 TO A POINT 322.50 FEET SOUTH OF THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER;
THENCE EASTERLY ON A LINE PARALLEL WITH THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER, A DISTANCE OF APPROXIMATELY 237.83 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11;
THENCE NORTH ALONG SAID EAST LINE OF THE WEST 15 ACRES A DISTANCE OF APPROXIMATELY 322.50 FEET TO THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11;
THENCE EASTERLY ALONG SAID NORTH LINE, A DISTANCE OF APPROXIMATELY 495 FEET TO THE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON;

EXCEPT THE FOLLOWING DESCRIBED PROPERTY:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN;
THENCE SOUTH 88° 02' 46" EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00° 55' 45" WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SAID SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88° 02' 46" EAST PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION OF AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88° 02' 46" EAST A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03° 39' 20" WEST A DISTANCE OF 329.63 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONDEMNED BY UNITED STATES OF AMERICA FOR PSH #1 BY U.S.D.C. CAUSE NO. 2549;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF SAID CONDEMNED PROPERTY AND THE NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED UNDER RECORDING NO. 1896305, THE FOLLOWING THREE COURSES AND DISTANCES;

NORTH 76° 51' 45" WEST, 117.35 FEET;
THENCE AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13° 08' 15" EAST HAVING A CENTRAL ANGLE OF 39° 17' 30", A RADIUS OF 309.00 FEET, AN ARC DISTANCE OF 212.11;
THENCE NORTH 37° 34' 15" WEST ALONG THE NORTHEASTERLY RIGHT OF WAY MARGIN A DISTANCE OF 4.21 FEET TO AN EXTENSION OF A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION;
THENCE SOUTH 88 02" 46" EAST ALONG A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 237.83 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE NORTH 00° 55' 45" EAST ALONG THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION, 185.00 FEET TO THE TRUE POINT OF BEGINNING;

PARCEL B:

AN EASEMENT FOR INGRESS AND EGRESS AS CONTAINED IN RESERVATION OF EASEMENT RECORDED APRIL 1, 1992 UNDER RECORDING NO. 9204010552, IN PIERCE COUNTY, WASHINGTON;

SITUATE in the County of Pierce, STATE OF WASHINGTON.

EXHIBIT "B"

1. Relinquishment of all existing, future or potential easements for access, light, view and air, and all rights of ingress, egress and regress to, from and between the land and the highway or highways constructed on lands condemned by proceedings under Pierce County Superior Court Cause No. 2549.
2. Easement and the terms and conditions thereof recorded under Recording No. 9204010549.
3. Easement and the terms and conditions thereof recorded under Recording No. 9204010550.
4. Easement and the terms and conditions thereof recorded under Recording No. 9204010551.
5. Terms and conditions contained in instrument recorded under Recording No. 9204010552.
6. Terms and conditions contained in grant of sign easement recorded under Recording No. 9204010553.

201309090543.001

201309090543
Electronically Recorded
Pierce County, WA
09/09/2013 1:54 PM
Pages: 4 Fee: $75.00

After Recording Return To:
Ameritrust CDC
Attn: Diane Blashill
421 W. Riverside, Suite 1081
Spokane, WA 99201

OLD REPUBLIC TITLE, LTD. 07-109186
75/4

MEMORANDUM OF LEASE

Grantor: (1) KS Family, LLC

Grantee: (1) Fife RV & Auto Center, Inc.

Abbreviated Legal: Ptn of NE 1/4 of the NE 1/4 of Sect. 11, Township 20 N, R 3 E, W.M.

Tax Parcel No.: 032011-104-9

THIS INDENTURE made and entered into this 23rd day of August, 2013, by and between KS Family, LLC, a Washington limited liability company, hereinafter called "Lessor", and Fife RV & Auto Center, Inc., a Washington corporation, hereinafter called "Lessee".

WITNESSETH

That for the term and upon the terms and conditions set forth in the Lease Agreement dated January 10, 2013 (including any amendments or addendums thereto), and which commenced on February 1, 2013 from the Lessor to Lessee, the Lessor has leased, demised and let, and does hereby lease, demise and let unto Lessee its interest in the following described real property:

SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE INCORPORATED HEREIN.

The lease, including options to renew or extend, is for a term of twenty one (21) years commencing on February 1, 2013 and terminating on January 31, 2034.

The lease is subordinate, in all respects and without qualification whatsoever, to the Deed of Trust of even date herewith granted by Lessor to Ameritrust CDC (and subsequently assigned to the United States Small Business Administration) to secure a loan in the amount of Six Hundred Ninety Thousand and 00/100 Dollars ($690,000.00) as referenced in that certain U.S. Small Business Administration Authorization for Debenture Guarantee (SBA 504 Loan), Loan No. 53847550-05 (as amended).

In witness thereof, the parties hereto have caused their respective names to be hereto subscribed as of the day and year first above written.

LESSOR:

KS Family, LLC,
a Washington limited liability company

By:_____
Kevin Carl, Manager/Sole Member

LESSEE:

Fife RV & Auto Center, Inc.,
a Washington corporation

By:_____
Kevin Carl, President

[Notary's Acknowledgments on next Page]

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

I certify that I know or have satisfactory evidence that **Kevin Carl** is the person who signed this instrument and acknowledged it as the **Manager/Sole Member** of **KS Family, LLC**, a Washington limited liability company, to be the free and voluntary act of such entity for the uses and purposes mentioned in the instrument.

DATED this 23rd day of August, 2013.

Peter A. Deming
NOTARY PUBLIC in and for the State
of Washington, residing at Kent.
My appointment expires: May 7, 2016

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

I certify that I know or have satisfactory evidence that **Kevin Carl** is the person who signed this instrument and acknowledged it as the **President** of **Fife RV & Auto Center, Inc.**, a Washington corporation, to be the free and voluntary act of such entity for the uses and purposes mentioned in the instrument.

DATED this 23rd day of August, 2013.

Peter A. Deming
NOTARY PUBLIC in and for the State
of Washington, residing at Kent.
My appointment expires: May 7, 2016

EXHIBIT "A"
LEGAL DESCRIPTION

Beginning at the Northeast corner of the West 30 acres of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East, W.M.;
THENCE South along the East line of said West 30 acres to the North line of property condemned by United States of America for PSH #1 by U.S.D.C. Cause No. 2549;
THENCE Westerly and Northerly along said North line of said Condemned property and the North line of property conveyed to the State of Washington for PSH #1 by Deed recorded under Recording No. 1896305 to a point 322.50 feet South of the North line of said Northeast quarter of the Northeast quarter;
THENCE Easterly on a line parallel with the North line of said Northeast quarter of the Northeast quarter, a distance of approximately 237.83 feet to the Easterly line of the West 15 acres of the Northeast quarter of the Northeast quarter of said Section 11;
THENCE North along said East line of the West 15 acres a distance of approximately 322.50 feet to the North line of said Northeast quarter of the Northeast quarter of Section 11;
THENCE Easterly along said North line, a distance of approximately 495 feet to the Point of Beginning, in Pierce County, Washington;
EXCEPT the following described property:
Commencing at the Northwest corner of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East, W.M.;
THENCE South 88°02'46" East along the North line of said Subdivision, a division of 332.10 feet;
THENCE South 00°55'45" West, parallel to the East line of the 15 acres of said Subdivision, a distance of 137.55 feet;
THENCE South 88°02'46" East parallel to the North line of said Subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said Subdivision and the True Point of Beginning;
THENCE continuing South 88°02'46" East a distance of 65.00 feet;
THENCE South 03°39'20" West a distance of 329.63 feet to the Northerly line of the property condemned by the United States of America for PHS #1 by U.S.D.C. Cause No. 2549;
THENCE Westerly and Northerly along said North line of said Condemned property and the North line of property conveyed to the State of Washington for PSH #1 by Deed recorded under Recording No. 1896305, the following three courses and distances:
North 76°51'45" West, 117.35 feet;
THENCE around a curve to the right, the center of which bears North 13°08'15" East having a central angle of 39°17'30", a radius of 309.00 feet, an arc distance of 212.11;
THENCE North 37°34'15" West along the Northeasterly right of way margin a distance of 4.21 feet to an extension of a line 322.50 feet South of and parallel to the North line of said Subdivision;
THENCE South 88°02'46" East along a line 322.50 feet South of and parallel to the North line of said Subdivision, a distance of 237.83 feet to the East line of the West 15 acres of said Subdivision;
THENCE North 00°55'45" East along the East line of the West 15 acres of said Subdivision, 185.00 feet to the True Point of Beginning;
TOGETHER WITH an easement for ingress and egress as contained in reservation of easement recorded April 1, 1992 under Recording No. 9204010552, in Pierce County, Washington.
SITUATE in the County of Pierce, State of Washington

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***Fife RV Center (East Property), TD 4030***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   ___No_____
2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?
   ___No_____
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties?
   ___No_____
4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   ___No_____
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? ___I am not aware of the purchase price. _____
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? __No_____

   For example, as user,

   (a) do you know the past uses of the property?
   __No_____
   (b) do you know of specific chemicals that are present or once were present at the property?
   __No_____
   (c) do you know of spills or other chemical releases that have taken place at the property?
   __No_____
   (d) do you know of any environmental cleanups that have taken place at the property?
   __No_____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property?
   ____No_____

Appendix B

EDR Radius Map Report

HOMETEL INN
3520 PACIFIC HWY E
Tacoma, WA 98424

Inquiry Number: 6218044.2s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3520 PACIFIC HWY E
TACOMA, WA 98424

COORDINATES

Latitude (North):	47.2420160 - 47˚ 14' 31.25''
Longitude (West):	122.3804620 - 122˚ 22' 49.66''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	546889.0
UTM Y (Meters):	5232026.5
Elevation:	17 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005109 TACOMA SOUTH, WA
Version Date:	2014
Northeast Map:	6005095 POVERTY BAY, WA
Version Date:	2014
Southeast Map:	6005097 PUYALLUP, WA
Version Date:	2014
Northwest Map:	6005511 TACOMA NORTH, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3520 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		3520 PACIFIC HWY EAS	WA ASBESTOS		TP
A2	FIFE RV HOMETEL REDE	3520 PACIFIC HWY E	FINDS, ECHO		TP
A3		3520 PACIFIC HIGHWAY	WA HIST CDL		TP
A4		3520 PACIFIC HIGHWAY	WA HIST CDL		TP
A5	HOMETEL INN	3520 PACIFIC HWY E	WA RGA HWS		TP
A6		3520 PACIFIC HWY S T	WA ASBESTOS		TP
A7	HOMETEL INN	3520 PACIFIC HWY E	WA CSCSL, WA ALLSITES, FINDS		TP
A8	HOMETEL INN	3520 PACIFIC HWY E	WA VCP		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1 ft.
A9		TRAVELODGE PORT OF T	WA SPILLS	Higher	1 ft.
B10	TACOMA PORT MOTOR IN	3518 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	51, 0.010, North
C11	GASAMAT INC	3402 PACIFIC HWY E	EDR Hist Auto	Higher	130, 0.025, NW
B12	CUMMINS NW INC	3701 PACIFIC HWY E	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA, RCRA...	Higher	234, 0.044, North
B13	CUMMINS NW INC	3701 PACIFIC HWY E	WA VCP	Higher	234, 0.044, North
C14	FIFE RV CENTER	3410 PACIFIC HWY E	WA VCP	Higher	251, 0.048, NW
C15	LA CASA REAL DRUM	3410 PACIFIC HWY E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	251, 0.048, NW
C16	TAHOMA EXPRESS 4	3408 PACIFIC HWY E	WA UST	Higher	252, 0.048, NW
C17	UNOCAL #7343	3408 PACIFIC HWY	WA ICR	Higher	252, 0.048, NW
C18	SACS MART INC	3408 PACIFIC HWY E	EDR Hist Auto	Higher	252, 0.048, NW
C19	UNOCAL 7343	3408A PACIFIC HWY E	WA ALLSITES, WA Financial Assurance	Higher	252, 0.048, NW
C20	UNOCAL SERVICE STATI	3408 PACIFIC HWY E	WA LUST, WA ALLSITES, WA CSCSL NFA, WA ASBESTOS	Higher	252, 0.048, NW
21	GLACIER MOTEL DRUG B	3401 PACIFIC HWY E	WA ALLSITES, WA SPILLS, RCRA NonGen / NLR, FINDS,...	Higher	453, 0.086, NW
D22	FIFE VEHICLE DIV & D	3725 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	602, 0.114, NNE
D23	FIFE CITY STREETWAST	3725 PACIFIC HWY E	WA SWF/LF	Higher	602, 0.114, NNE
24	JET AUTO WRECKING	3901 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA	Lower	646, 0.122, ENE
E25	WESTERN PETERBILT LL	3443 20TH ST E	WA MANIFEST	Higher	668, 0.127, SW
E26	WESTERN PETERBILT LL	3443 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	668, 0.127, SW
27	LEXUS OF FIFE PARKIN	3914 PACIFIC HWY E	WA ALLSITES	Lower	741, 0.140, East
28	PAPE MACHINERY TACOM	3607 20TH ST E	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	753, 0.143, South
29	GERBER COLLISION & G	3701 20TH ST SE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	774, 0.147, SSE
F30	H&H NORTHWEST COMPAN	3309 PACIFIC AVE E	WA CSCSL, WA ALLSITES	Higher	816, 0.155, WNW
31	KEY BANK	1323 34TH AVE E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	835, 0.158, NNW
F32	TEXACO STATION 12110	3251 PACIFIC HWY S	WA CSCSL, WA LUST, WA ALLSITES, FINDS, ECHO, WA...	Higher	883, 0.167, WNW
F33	TEXACO #63 232 0143	3251 PACIFIC HWY E.	WA ICR	Higher	883, 0.167, WNW
F34	TEXACO STATION 12110	3251 PACIFIC HWY S	RCRA NonGen / NLR	Higher	883, 0.167, WNW
F35	PORT OF TACOMA SHELL	3251 PACIFIC HWY 99	WA UST	Higher	883, 0.167, WNW
F36	TEXACO 63-232-0143	3251 PACIFIC HWY S	WA VCP	Higher	883, 0.167, WNW
G37	CAPPA PROPERTY	3801 20TH ST E	WA VCP	Higher	912, 0.173, SE
G38	BREMERTON TACOMA STA	3801 20TH AVE E	WA CSCSL, WA UST, WA ALLSITES, FINDS	Higher	912, 0.173, SE

MAPPED SITES SUMMARY

Target Property Address:
3520 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
39	I-5 SB PORT OF TACOM		WA CSCSL, WA ALLSITES	Higher	917, 0.174, West
40	ABRA AUTO BODY AND G	3909 PACIFIC HWY E	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS, CA...	Lower	969, 0.184, North
H41	PM TESTING LAB INC P	3921 PACIFIC HWY E	RCRA-LQG, WA ALLSITES, WA CSCSL NFA, FINDS, ECHO,...	Lower	1006, 0.191, ENE
H42	PM TESTING LAB INC P	3921 PACIFIC HWY E	WA VCP	Lower	1006, 0.191, ENE
F43	OCCIDENTAL CHEMICAL	PACIFIC HWY E & PORT	WA ALLSITES, RCRA NonGen / NLR, WA MANIFEST	Higher	1008, 0.191, WNW
F44	PORT OF TACOMA ROAD		WA ALLSITES	Higher	1009, 0.191, WNW
I45	UNION PACIFIC RR FIF	3330 20TH ST E	RCRA-VSQG, WA SPILLS	Higher	1058, 0.200, SW
I46	UNION PACIFIC RAIL Y	3330 20TH ST	WA SPILLS, WA MANIFEST	Higher	1058, 0.200, SW
J47	NORTHWEST MINI	3901 20TH ST E	WA ALLSITES	Higher	1070, 0.203, SE
48	LEXUS OF TACOMA AT F	1708 40TH AVE CT E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	1071, 0.203, East
K49	BREKKE ENTERPRISES	1320 TIDEHAVEN RD	SEMS-ARCHIVE	Higher	1073, 0.203, NNW
K50	BREKKE ENTERPRISES	1320 TIDEHAVEN RD	WA ALLSITES, WA CSCSL NFA	Higher	1073, 0.203, NNW
51	I5 PORT OF TACOMA RO	I5 & PORT OF TACOMA	WA ALLSITES	Higher	1121, 0.212, WSW
L52	COGDALL CONSTRUCTION	3600 E INDUSTRY DR E	WA ALLSITES, WA MANIFEST	Higher	1169, 0.221, South
L53	FEDERAL EXPRESS CORP	3600 INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1169, 0.221, South
L54	COGDALL CONSTRUCTION	3600 E INDUSTRY DR E	RCRA NonGen / NLR	Higher	1169, 0.221, South
M55	HOLLY MARINA	4001 20TH NE	WA CSCSL, WA LUST, WA ICR, WA ALLSITES	Higher	1169, 0.221, SE
M56	HAWLEY MARINE	4001 20TH NE	WA VCP	Higher	1169, 0.221, SE
J57	MORNING SUN INC	3500 20TH ST E BLDG	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	1180, 0.223, SE
N58	FLYING J TRAVEL PLAZ	1501 33RD AVE E	WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS	Higher	1196, 0.227, NW
N59	LOVE'S TRAVEL STOP #	1501 33RD AVE E	WA UST, WA ICR	Higher	1196, 0.227, NW
N60	LOVE'S TRAVEL STOP #	1501 33RD AVE E	WA ALLSITES, WA SPILLS, WA Financial Assurance, WA...	Higher	1196, 0.227, NW
N61	FLYING J TRAVEL PLAZ	1501 33RD AVE E	WA VCP	Higher	1196, 0.227, NW
62	JAGUAR LANDROVER VOL	1601 40TH AVE CT E	WA ALLSITES	Lower	1209, 0.229, East
O63	WESCRAFT RV & TRUCK	3402 12TH ST E	RCRA-VSQG	Lower	1242, 0.235, NNW
O64	SIERRA SANDBLASTING	3402 12TH ST E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR	Lower	1242, 0.235, NNW
O65	WESCRAFT RV & TRUCK	3402 12TH ST E	WA ALLSITES, WA MANIFEST	Lower	1242, 0.235, NNW
O66	SIERRA SANDBLASTING	3402 12TH ST E	WA VCP	Lower	1242, 0.235, NNW
67	GCR TIRE CENTER 4247	4107 PACIFIC HWY E	WA ALLSITES, WA ASBESTOS	Lower	1322, 0.250, ENE
O68	DIESING PROPERTY PAR	3518 12TH ST E	WA ALLSITES, WA CSCSL NFA	Lower	1351, 0.256, NNW
O69	DIESING PROPERTY PAR	3518 12TH ST E	WA VCP	Lower	1351, 0.256, NNW
70	PORT OF TACOMA RD I5	PORT OF TACOMA RD &	WA CSCSL, WA ALLSITES	Higher	1403, 0.266, SW
P71	ASSOCIATED PETROLUEM	3101 PACIFIC HWY E	WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	1440, 0.273, WNW
72	PROGRESS RAIL SERVIC	4012 SR 509 S FRONTA	RCRA-SQG, WA ALLSITES, WA CSCSL NFA, FINDS, ECHO,...	Lower	1440, 0.273, North
73	BMW NORTHWEST INC	4011 20TH ST E	WA ALLSITES	Higher	1455, 0.276, ESE
74	UNION PACIFIC RAILRO		WA CSCSL, WA ALLSITES	Higher	1512, 0.286, SSW
Q75	NISSAN OF FIFE	1700 ALEXANDER AVE E	WA ALLSITES	Lower	1576, 0.298, East
R76	WES CRAFT RV & MARIN	3151 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1620, 0.307, WSW
R77	MODERN PRINTING GRAP	3216 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1627, 0.308, SW

MAPPED SITES SUMMARY

Target Property Address:
3520 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R78	CRESCENT LIGHTING -	3214 20TH STREET EAS	WA SWRCY	Higher	1631, 0.309, SW
S79	CLOSETMAID	3900 INDUSTRY DR E S	WA ALLSITES, FINDS	Higher	1633, 0.309, SSE
P80	SAMS TIRE SERVICE IN	3110 PACIFIC HWY	WA UST, WA ALLSITES, FINDS	Higher	1635, 0.310, WNW
R81	WEST MARINE 00024	3212 20TH ST E	WA ALLSITES, WA MANIFEST	Higher	1635, 0.310, SW
S82	INK INC INDUSTRY DR	3900F INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR	Higher	1636, 0.310, SSE
83	BMW NORTHWEST VEHICL	1902 GOLDAU RD E	WA ALLSITES	Higher	1658, 0.314, ESE
R84	FIFE METROPLEX CARDL	3200 20TH ST E	WA CSCSL, WA LUST, WA ALLSITES, WA PTAP	Higher	1666, 0.316, SW
R85	FIFE METROPLEX CARDL	3200 20TH ST E	WA VCP	Higher	1666, 0.316, SW
86	COSTCO BUSINESS CENT	3900 20TH ST E	WA ALLSITES, WA MANIFEST	Higher	1667, 0.316, SE
Q87	LARSON AUTOMOTIVE FI	1701 ALEXANDER AVE E	WA ALLSITES	Lower	1709, 0.324, East
88	AUTO WAREHOUSING CO	3715 SR 509 N FRONTA	WA ALLSITES	Lower	1721, 0.326, North
R89	BASF TRAINING CENTER	3077 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1776, 0.336, WSW
T90	SUSAN KAELIN PROPERT	1409 ALEXANDER AVE E	WA VCP	Lower	1781, 0.337, ENE
T91	SUSAN KAELIN PROPERT	1409 ALEXANDER AVE E	WA ALLSITES, WA CSCSL NFA	Lower	1781, 0.337, ENE
92	RUSHFORTH CONSTRUCTI	1308 ALEXANDER AVE E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1786, 0.338, ENE
93	COAST ENGINE & EQUIP	4012 SR 509 S FRONTA	WA VCP	Lower	1808, 0.342, NNE
S94	PENSKE TRUCK LEASING	2105 FRANK ALBERT RD	WA ALLSITES, FINDS	Higher	1818, 0.344, SSE
95	PCT PAVING REPAIRS	3600 PORT OF TACOMA	WA ALLSITES, WA SPILLS	Lower	1819, 0.345, NW
96	PIERCE COUNTY TERMIN	SR 509 PORT OF TACOM	WA ALLSITES	Lower	1889, 0.358, NW
U97	LNG FUELING STATION	3013 20TH ST E	WA ALLSITES	Higher	1910, 0.362, WSW
V98	DAUPHIN SITE	2911 PACIFIC HWY E	WA HSL, WA CSCSL, WA VCP, WA ALLSITES, FINDS	Lower	1944, 0.368, WNW
V99	OCCIDENTAL CHEMICAL-	2911 PACIFIC HWY E	WA SWF/LF	Lower	1944, 0.368, WNW
V100	DAUPHIN SITE	2911 PACIFIC HWY E	SEMS	Lower	1944, 0.368, WNW
V101	SOON MU LEE VACANT L	2909 PACIFIC HWY E	WA VCP	Lower	1949, 0.369, WNW
V102	SOON MU LEE VACANT L	2909 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA	Lower	1949, 0.369, WNW
U103	DIKE ACCESS ROAD DRU	DIKE ACCESS RD & 20T	WA ALLSITES, RCRA NonGen / NLR	Higher	2028, 0.384, WSW
104	PACIFIC XPRESS	4310 PACIFIC HWY E	WA CSCSL, WA ALLSITES, WA SPILLS, WA Financial...	Lower	2044, 0.387, East
W105	AUTO WAREHOUSING CO	3715 E WEST RD	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	2068, 0.392, NNE
W106	MARINE TERMINAL CORP	4015 SR 509 N FRONTA	WA ALLSITES, WA MANIFEST	Lower	2105, 0.399, NNE
107	HONDA OF FIFE	4301 20TH ST E	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES,...	Higher	2124, 0.402, ESE
108	PACIFIC HWY EAST PRE		WA ALLSITES	Lower	2195, 0.416, West
109	GENERAL WELDING SUPP	4405 PACIFIC HWY E	WA ALLSITES, FINDS	Lower	2333, 0.442, East
X110	HERTZ EQUIPMENT RENT	4403 20TH ST E	WA ALLSITES, WA SPILLS, RCRA NonGen / NLR, FINDS,...	Higher	2379, 0.451, ESE
X111	GENSCO INC	4402 20TH ST E	WA UST, WA ALLSITES, FINDS, ECHO, WA ASBESTOS	Higher	2384, 0.452, ESE
Y112	MWI VETERINARY SUPPL	4200 INDUSTRY DR E S	WA ALLSITES	Higher	2388, 0.452, SE
113	B & J BINGO	4401 15TH ST E	WA UST, WA ALLSITES	Lower	2395, 0.454, ENE
Z114	WW GRAINGER INC 755	2802 PACIFIC HWY E	WA ALLSITES, FINDS	Lower	2494, 0.472, West
AA115	NC MACHINERY COMPANY	2603 PACIFIC HWY E	WA VCP	Lower	2495, 0.473, WNW
AA116	NC MACHINERY COMPANY	2603 PACIFIC HWY E	RCRA-VSQG, WA LUST, WA ALLSITES, WA CSCSL NFA, WA.	Lower	2495, 0.473, WNW

MAPPED SITES SUMMARY

Target Property Address:
3520 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Z117	BOITANO SITE	2800 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA, RCRA NonGen / NLR,...	Lower	2498, 0.473, West
Z118	UW PHYTOREMEDIATION	2801 PACFIC HWY E	WA ALLSITES, WA MANIFEST	Lower	2515, 0.476, West
Y119	SPORTSWEAR SVC	4101 INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2529, 0.479, SE
120	PORTAC INC TACOMA	4215 SR 509 E FRONTA	WA CSCSL, WA ALLSITES, WA MANIFEST	Lower	2679, 0.507, NE
121	WSDOT I-5 RIVER RD S		WA CSCSL, WA ALLSITES	Higher	2764, 0.523, WSW
122	UNION PACIFIC RR FIF	2700-3330 20TH ST E	WA HSL, WA CSCSL, WA ALLSITES, WA NPDES	Lower	3482, 0.659, WSW
123	PETARCIK SITE	911 PACIFIC HWY E	WA CSCSL, WA ALLSITES, FINDS	Lower	3652, 0.692, East
124	ERKER & SON TEXACO	2311 PACIFIC HWY E	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	3988, 0.755, West
125	2660 FRANK ALBERT RD	2660 FRANK ALBERT RD	WA CSCSL, WA ALLSITES, WA SPILLS, WA ASBESTOS	Higher	4224, 0.800, SE
126	VENEER CHIP TRANSPOR	2205 PACIFIC HWY E	WA HSL, WA CSCSL, WA ALLSITES, WA SPILLS, RCRA...	Lower	4406, 0.834, West
127	UPS TACOMA	5001 20TH ST E	RCRA-VSQG, WA CSCSL, WA LUST, WA UST, WA ALLSITES,	Lower	4458, 0.844, ESE
128	TOPPING VOLVO	5111 20TH ST E	RCRA-VSQG, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	4743, 0.898, ESE
129	PACIFIC COAST TRUCK	2312 MILWAUKEE WAY	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES,...	Lower	4873, 0.923, WNW
130	CAC INC	5018 PAC HWY E	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	5060, 0.958, East
131	ABANDONED DRUMS FIFE	5306 PACIFIC HWY E	WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS	Lower	5191, 0.983, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
3520 PACIFIC HWY EAS 3520 PACIFIC HWY EAS FIFE, WA	WA ASBESTOS	N/A
FIFE RV HOMETEL REDE 3520 PACIFIC HWY E FIFE, WA 98424	FINDS Registry ID:: 110045491687 ECHO Registry ID: 110045491687	N/A
3520 PACIFIC HIGHWAY 3520 PACIFIC HIGHWAY PIERCE (County), WA	WA HIST CDL Facility ID: 97010	N/A
3520 PACIFIC HIGHWAY 3520 PACIFIC HIGHWAY PIERCE (County), WA	WA HIST CDL Facility ID: 99019	N/A
HOMETEL INN 3520 PACIFIC HWY E FIFE, WA	WA RGA HWS Facility ID: 6088860	N/A
3520 PACIFIC HWY S T 3520 PACIFIC HWY S T FIFE, WA	WA ASBESTOS	N/A
HOMETEL INN 3520 PACIFIC HWY E FIFE, WA 98424	WA CSCSL Site Status: Cleanup Started Clean Up Siteid: 4697 Facility ID: 6088860 Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified WA ALLSITES Facility Id: 6088860 Facility Id: 10432 FINDS Registry ID:: 110017943270	N/A
HOMETEL INN 3520 PACIFIC HWY E FIFE, WA 98424	WA VCP	N/A

EXECUTIVE SUMMARY

Facility ID: 6088860
Cleanup Siteid: 4697

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

WA AST ..... Aboveground Storage Tank Locations
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

WA INST CONTROL ..... Institutional Control Site List

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

WA BROWNFIELDS ..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWTIRE ..... Solid Waste Tire Facilities
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
WA CDL ..... Clandestine Drug Lab Contaminated Site List
US CDL ..... National Clandestine Laboratory Register
WA AQUEOUS FOAM ..... Firefighting Foam Incidents
WA PFAS ..... PFAS Contamination Site Location Listing

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
WA SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List

EXECUTIVE SUMMARY

TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
WA AIRS	Washington Emissions Data System
WA COAL ASH	Coal Ash Disposal Site Listing
WA DRYCLEANERS	Drycleaner List
WA Inactive Drycleaners	Inactive Drycleaners
WA UIC	Underground Injection Wells Listing
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WA RGA LF	Recovered Government Archive Solid Waste Facilities List
WA RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAUPHIN SITE Site ID: 1000847 EPA Id: WAD980514566	2911 PACIFIC HWY E	WNW 1/4 - 1/2 (0.368 mi.)	V100	1081

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BREKKE ENTERPRISES	1320 TIDEHAVEN RD	NNW 1/8 - 1/4 (0.203 mi.)	K49	692

EXECUTIVE SUMMARY

Site ID: 1000933
EPA Id: WAD980664874

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PM TESTING LAB INC P EPA ID:: WAH000006213	***3921 PACIFIC HWY E***	***ENE 1/8 - 1/4 (0.191 mi.)***	***H41***	***309***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION PACIFIC RR FIF EPA ID:: WAD988511390	***3330 20TH ST E***	***SW 1/8 - 1/4 (0.200 mi.)***	***I45***	***654***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESCRAFT RV & TRUCK EPA ID:: WAH000034144	3402 12TH ST E	NNW 1/8 - 1/4 (0.235 mi.)	O63	749

State- and tribal - equivalent NPL

WA HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the WA HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there are 5 WA HSL sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAUPHIN SITE	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.368 mi.)***	***V98***	***1078***

Facility Type: Hazardous Sites List FSID Number: 1281 Facility Status: Awaiting Cleanup				
AUTO WAREHOUSING CO Facility Type: Hazardous Sites List FSID Number: 97814788 Facility Status: Cleanup Started	***3715 E WEST RD***	***NNE 1/4 - 1/2 (0.392 mi.)***	***W105***	***1090***
UNION PACIFIC RR FIF Facility Type: Hazardous Sites List FSID Number: 28881 Facility Status: Cleanup Started	***2700-3330 20TH ST E***	***WSW 1/2 - 1 (0.659 mi.)***	***122***	***1204***
ERKER & SON TEXACO Facility Type: Hazardous Sites List FSID Number: 34147781 Facility Status: Awaiting Cleanup	***2311 PACIFIC HWY E***	***W 1/2 - 1 (0.755 mi.)***	***124***	***1207***
VENEER CHIP TRANSPOR Facility Type: Hazardous Sites List FSID Number: 42252532 Facility Status: Awaiting Cleanup	***2205 PACIFIC HWY E***	***W 1/2 - 1 (0.834 mi.)***	***126***	***1221***

State- and tribal - equivalent CERCLIS

WA CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the WA CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 29 WA CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA CASA REAL DRUM Site Status: Cleanup Started Clean Up Siteid: 13173 Facility ID: 7907 Soil: Suspected Soil: Confirmed Above Cleanup Levels Soil: Below Cleanup Levels Ground Water: Suspected Ground Water: Confirmed Above Cleanup Levels Ground Water: Below Cleanup Levels Contaminant Name: Arsenic Contaminant Name: Benzene Contaminant Name: Halogenated Solvents Contaminant Name: Lead Contaminant Name: Mercury **Additional key fields are available in the Map Findings section*	***3410 PACIFIC HWY E***	***NW 0 - 1/8 (0.048 mi.)***	***C15***	***48***
H&H NORTHWEST COMPAN Site Status: Cleanup Started	***3309 PACIFIC AVE E***	***WNW 1/8 - 1/4 (0.155 mi.)***	***F30***	***207***

Clean Up Siteid: 15049
Facility ID: 32616
Soil: Suspected
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Halogenated Solvents
Contaminant Name: Lead
Contaminant Name: Mercury
**Additional key fields are available in the Map Findings section*

KEY BANK	***1323 34TH AVE E***	***NNW 1/8 - 1/4 (0.158 mi.)***	***31***	***212***

Site Status: Awaiting Cleanup
Clean Up Siteid: 15216
Facility ID: 4888443
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Petroleum-Other

TEXACO STATION 12110	***3251 PACIFIC HWY S***	***WNW 1/8 - 1/4 (0.167 mi.)***	***F32***	***218***

Site Status: Cleanup Started
Clean Up Siteid: 10499
Facility ID: 77832375
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

BREMERTON TACOMA STA	***3801 20TH AVE E***	***SE 1/8 - 1/4 (0.173 mi.)***	***G38***	***271***

Site Status: Cleanup Started
Clean Up Siteid: 4530
Facility ID: 17456541
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

I-5 SB PORT OF TACOM		***W 1/8 - 1/4 (0.174 mi.)***	***39***	***274***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14911
Facility ID: 70333
Soil: Suspected
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

HOLLY MARINA	***4001 20TH NE***	***SE 1/8 - 1/4 (0.221 mi.)***	***M55***	***706***

Site Status: Cleanup Started
Clean Up Siteid: 9381

Facility ID: 47746788
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

FLYING J TRAVEL PLAZ ***1501 33RD AVE E*** ***NW 1/8 - 1/4 (0.227 mi.)*** ***N58*** ***731***
Site Status: Cleanup Started
Clean Up Siteid: 6909
Facility ID: 94359448
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline

PORT OF TACOMA RD I5 ***PORT OF TACOMA RD &*** ***SW 1/4 - 1/2 (0.266 mi.)*** ***70*** ***825***
Site Status: Cleanup Started
Clean Up Siteid: 14414
Facility ID: 553914
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline

UNION PACIFIC RAILRO ***SSW 1/4 - 1/2 (0.286 mi.)*** ***74*** ***991***
Site Status: Cleanup Started
Clean Up Siteid: 14701
Facility ID: 75347
Soil: Suspected
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

FIFE METROPLEX CARDL ***3200 20TH ST E*** ***SW 1/4 - 1/2 (0.316 mi.)*** ***R84*** ***1021***
Site Status: Cleanup Started
Clean Up Siteid: 5931
Facility ID: 35377551
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Petroleum-Diesel
Contaminant Name: Methyl tertiary-butyl ether
Contaminant Name: Petroleum Products-Unspecified

HONDA OF FIFE ***4301 20TH ST E*** ***ESE 1/4 - 1/2 (0.402 mi.)*** ***107*** ***1097***
Site Status: Cleanup Started
Clean Up Siteid: 10299
Facility ID: 72856623
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

WSDOT I-5 RIVER RD S ***WSW 1/2 - 1 (0.523 mi.)*** ***121*** ***1203***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13046

Facility ID: 5717
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

2660 FRANK ALBERT RD ***2660 FRANK ALBERT RD*** ***SE 1/2 - 1 (0.800 mi.)*** ***125*** ***1211***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12943
Facility ID: 24529
Soil: Remediated-Above
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIERRA SANDBLASTING	***3402 12TH ST E***	***NNW 1/8 - 1/4 (0.235 mi.)***	***O64***	***776***

Site Status: Cleanup Started
Clean Up Siteid: 2642
Facility ID: 44654631
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants

ASSOCIATED PETROLUEM ***3101 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.273 mi.)*** ***P71*** ***826***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14762
Facility ID: 94129688
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Lead
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

DAUPHIN SITE ***2911 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.368 mi.)*** ***V98*** ***1078***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3826
Facility ID: 1281
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Corrosive Wastes
Contaminant Name: Halogenated Organics

PACIFIC XPRESS ***4310 PACIFIC HWY E*** ***E 1/4 - 1/2 (0.387 mi.)*** ***104*** ***1086***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14611
Facility ID: 48521859
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

AUTO WAREHOUSING CO ***3715 E WEST RD*** ***NNE 1/4 - 1/2 (0.392 mi.)*** ***W105*** ***1090***

Site Status: Cleanup Started
Clean Up Siteid: 6974
Facility ID: 97814788
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

PORTAC INC TACOMA ***4215 SR 509 E FRONTA*** ***NE 1/2 - 1 (0.507 mi.)*** ***120*** ***1195***
Site Status: Cleanup Started
Clean Up Siteid: 3642
Facility ID: 1215
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Remediated
Contaminant Name: Arsenic
Contaminant Name: Asbestos
Contaminant Name: Metals - Other
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
**Additional key fields are available in the Map Findings section*
Surface Water: Remediated

UNION PACIFIC RR FIF ***2700-3330 20TH ST E*** ***WSW 1/2 - 1 (0.659 mi.)*** ***122*** ***1204***
Site Status: Cleanup Started
Clean Up Siteid: 3194
Facility ID: 28881
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

PETARCIK SITE ***911 PACIFIC HWY E*** ***E 1/2 - 1 (0.692 mi.)*** ***123*** ***1205***
Site Status: CC-O&M/Monitoring
Clean Up Siteid: 4327
Facility ID: 1214
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Corrosive Wastes
Contaminant Name: Halogenated Organics

ERKER & SON TEXACO ***2311 PACIFIC HWY E*** ***W 1/2 - 1 (0.755 mi.)*** ***124*** ***1207***
Site Status: Awaiting Cleanup
Clean Up Siteid: 8784
Facility ID: 34147781
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

VENEER CHIP TRANSPOR ***2205 PACIFIC HWY E*** ***W 1/2 - 1 (0.834 mi.)*** ***126*** ***1221***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4705
Facility ID: 42252532
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected

Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

UPS TACOMA ***5001 20TH ST E*** ***ESE 1/2 - 1 (0.844 mi.)*** ***127*** ***1250***
Site Status: Cleanup Started
Clean Up Siteid: 9888
Facility ID: 61525354
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Soil: Remediated-Below
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

TOPPING VOLVO ***5111 20TH ST E*** ***ESE 1/2 - 1 (0.898 mi.)*** ***128*** ***1392***
Site Status: Cleanup Started
Clean Up Siteid: 8409
Facility ID: 24191258
Soil: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

PACIFIC COAST TRUCK ***2312 MILWAUKEE WAY*** ***WNW 1/2 - 1 (0.923 mi.)*** ***129*** ***1411***
Site Status: Cleanup Started
Clean Up Siteid: 9253
Facility ID: 44861274
Soil: Remediated-Below
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Other

CAC INC ***5018 PAC HWY E*** ***E 1/2 - 1 (0.958 mi.)*** ***130*** ***1432***
Site Status: Cleanup Started
Clean Up Siteid: 5667
Facility ID: 20365296
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

ABANDONED DRUMS FIFE ***5306 PACIFIC HWY E*** ***E 1/2 - 1 (0.983 mi.)*** ***131*** ***1437***
Site Status: Cleanup Started
Clean Up Siteid: 15047
Facility ID: 20014
Soil: Confirmed Above Cleanup Levels

Soil: Below Cleanup Levels
Ground Water: Suspected
Ground Water: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Methyl tertiary-butyl ether
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline

State and tribal landfill and/or solid waste disposal site lists

WA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the WA SWF/LF list, as provided by EDR, has revealed that there are 2 WA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIFE CITY STREETWAST	3725 PACIFIC HWY E	NNE 0 - 1/8 (0.114 mi.)	D23	113

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Pile Used for Storage or Treatment
Permit No: 27-720
Facility ID: 1449
Permit Status: Permitted

Lower Elevation	Address	Direction / Distance	Map ID	Page
OCCIDENTAL CHEMICAL-	2911 PACIFIC HWY E	WNW 1/4 - 1/2 (0.368 mi.)	V99	1080

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Historic Landfill (non-regulated)
Facility ID: 2176

State and tribal leaking storage tank lists

WA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the WA LUST list, as provided by EDR, has revealed that there are 10 WA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC	***3701 PACIFIC HWY E***	***N 0 - 1/8 (0.044 mi.)***	***B12***	***28***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/18/2002
LUST Date: 04/03/2003
Facility Status: LUST - NFA
Cleanup Site ID: 3585

Soil: Confirmed Above Cleanup Levels
Facility ID: 32435394

UNOCAL SERVICE STATI ***3408 PACIFIC HWY E*** ***NW 0 - 1/8 (0.048 mi.)*** ***C20*** ***62***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/04/1990
LUST Date: 08/16/1993
Facility Status: LUST - NFA
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5015
Soil: Confirmed Above Cleanup Levels
Facility ID: 1340

TEXACO STATION 12110 ***3251 PACIFIC HWY S*** ***WNW 1/8 - 1/4 (0.167 mi.)*** ***F32*** ***218***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 12/18/1990
LUST Date: 01/16/2001
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 10499
Soil: Confirmed Above Cleanup Levels
Facility ID: 77832375

HOLLY MARINA ***4001 20TH NE*** ***SE 1/8 - 1/4 (0.221 mi.)*** ***M55*** ***706***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 09/08/1993
LUST Date: 03/09/2017
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 9381
Soil: Confirmed Above Cleanup Levels
Facility ID: 47746788

FLYING J TRAVEL PLAZ ***1501 33RD AVE E*** ***NW 1/8 - 1/4 (0.227 mi.)*** ***N58*** ***731***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 07/26/2013
Release Date: 04/06/1992
LUST Date: 11/14/2013
LUST Date: 09/15/1995
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6909
Soil: Confirmed Above Cleanup Levels
Facility ID: 94359448

FIFE METROPLEX CARDL ***3200 20TH ST E*** ***SW 1/4 - 1/2 (0.316 mi.)*** ***R84*** ***1021***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 08/15/2002
LUST Date: 07/26/2019
Facility Status: LUST - Cleanup Started
Ground Water: Remediated
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5931
Soil: Confirmed Above Cleanup Levels
Facility ID: 35377551

HONDA OF FIFE ***4301 20TH ST E*** ***ESE 1/4 - 1/2 (0.402 mi.)*** ***107*** ***1097***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/12/1999
LUST Date: 06/22/2000

Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 10299
Soil: Confirmed Above Cleanup Levels
Facility ID: 72856623

Lower Elevation	Address	Direction / Distance	Map ID	Page
ASSOCIATED PETROLUEM	***3101 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.273 mi.)***	***P71***	***826***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/15/2018
LUST Date: 06/15/2018
Facility Status: LUST - Awaiting Cleanup
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 14762
Soil: Confirmed Above Cleanup Levels
Facility ID: 94129688

AUTO WAREHOUSING CO	***3715 E WEST RD***	***NNE 1/4 - 1/2 (0.392 mi.)***	***W105***	***1090***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/11/1990
LUST Date: 05/18/2006
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6974
Soil: Confirmed Above Cleanup Levels
Facility ID: 97814788

NC MACHINERY COMPANY	***2603 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.473 mi.)***	***AA116***	***1132***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 02/20/1991
LUST Date: 10/02/2002
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Cleanup Site ID: 6766
Soil: Confirmed Above Cleanup Levels
Facility ID: 85298548

State and tribal registered storage tank lists

WA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the WA UST list, as provided by EDR, and dated 05/12/2020 has revealed that there are 7 WA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC	***3701 PACIFIC HWY E***	***N 0 - 1/8 (0.044 mi.)***	***B12***	***28***

Facility ID: 32435394
Tank Status: Removed
Site Id: 1095

TAHOMA EXPRESS 4	3408 PACIFIC HWY E	NW 0 - 1/8 (0.048 mi.)	C16	57

Facility ID: 1340
Tank Status: Operational
Tank Status: Removed - No Site Assessment Found
Site Id: 318018

PAPE MACHINERY TACOM	***3607 20TH ST E***	***S 1/8 - 1/4 (0.143 mi.)***	***28***	***159***
Facility ID: 72626264 Tank Status: Exempt Tank Status: Removed Site Id: 2926				
PORT OF TACOMA SHELL	3251 PACIFIC HWY 99	WNW 1/8 - 1/4 (0.167 mi.)	F35	267
Facility ID: 77832375 Tank Status: Operational Site Id: 423934				
BREMERTON TACOMA STA	***3801 20TH AVE E***	***SE 1/8 - 1/4 (0.173 mi.)***	***G38***	***271***
Facility ID: 29574255 Tank Status: Removed Site Id: 8286				
LOVE'S TRAVEL STOP #	***1501 33RD AVE E***	***NW 1/8 - 1/4 (0.227 mi.)***	***N59***	***736***
Facility ID: 94359448 Tank Status: Operational Tank Status: Closure in Process Tank Status: Closed in Place Site Id: 97690				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABRA AUTO BODY AND G	***3909 PACIFIC HWY E***	***N 1/8 - 1/4 (0.184 mi.)***	***40***	***278***
Facility ID: 52994962 Tank Status: Removed Site Id: 7083				

State and tribal voluntary cleanup sites

WA VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the WA VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there are 15 WA VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC	3701 PACIFIC HWY E	N 0 - 1/8 (0.044 mi.)	B13	44
Date NFA: 2003-04-03 VCP: NFA Facility ID: 32435394 Date NFA: 2003-04-03 VCP: NFA Cleanup Siteid: 3585				
FIFE RV CENTER	3410 PACIFIC HWY E	NW 0 - 1/8 (0.048 mi.)	C14	45
VCP: TRUE Facility ID: 7907				

VCP: TRUE Cleanup Siteid: 13173				
TEXACO 63-232-0143 Facility ID: 77832375 Cleanup Siteid: 10499	3251 PACIFIC HWY S	WNW 1/8 - 1/4 (0.167 mi.)	F36	270
CAPPA PROPERTY Facility ID: 17456541 Cleanup Siteid: 4530	3801 20TH ST E	SE 1/8 - 1/4 (0.173 mi.)	G37	270
HAWLEY MARINE VCP: TRUE Facility ID: 47746788 VCP: TRUE Cleanup Siteid: 9381	4001 20TH NE	SE 1/8 - 1/4 (0.221 mi.)	M56	708
FLYING J TRAVEL PLAZ VCP: TRUE Facility ID: 94359448 VCP: TRUE Cleanup Siteid: 6909	1501 33RD AVE E	NW 1/8 - 1/4 (0.227 mi.)	N61	748
FIFE METROPLEX CARDL Facility ID: 35377551 Cleanup Siteid: 5931	3200 20TH ST E	SW 1/4 - 1/2 (0.316 mi.)	R85	1024

Lower Elevation	Address	Direction / Distance	Map ID	Page
PM TESTING LAB INC P Date NFA: 1997-11-14 VCP: NFA Facility ID: 98132319 Date NFA: 1997-11-14 VCP: NFA Cleanup Siteid: 2761	3921 PACIFIC HWY E	ENE 1/8 - 1/4 (0.191 mi.)	H42	555
SIERRA SANDBLASTING Facility ID: 44654631 Cleanup Siteid: 2642	3402 12TH ST E	NNW 1/8 - 1/4 (0.235 mi.)	O66	816
DIESING PROPERTY PAR Date NFA: 2016-10-11 VCP: NFA Facility ID: 38554597 Date NFA: 2016-10-11 VCP: NFA Cleanup Siteid: 1674	3518 12TH ST E	NNW 1/4 - 1/2 (0.256 mi.)	O69	825
SUSAN KAELIN PROPERT Date NFA: 2001-11-20 VCP: NFA Facility ID: 84439736 Date NFA: 2001-11-20 VCP: NFA Cleanup Siteid: 3617	1409 ALEXANDER AVE E	ENE 1/4 - 1/2 (0.337 mi.)	T90	1066
COAST ENGINE & EQUIP Date NFA: 2016-09-16 VCP: NFA Facility ID: 26693246	4012 SR 509 S FRONTA	NNE 1/4 - 1/2 (0.342 mi.)	93	1075

Date NFA: 2016-09-16 VCP: NFA Cleanup Siteid: 4267				
DAUPHIN SITE Facility ID: 1281 Cleanup Siteid: 3826	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.368 mi.)***	***V98***	***1078***
SOON MU LEE VACANT L Date NFA: 2013-08-19 VCP: NFA Facility ID: 39223129 Date NFA: 2013-08-19 VCP: NFA Cleanup Siteid: 2199	2909 PACIFIC HWY E	WNW 1/4 - 1/2 (0.369 mi.)	V101	1082
NC MACHINERY COMPANY Date NFA: 2002-10-02 VCP: NFA Facility ID: 85298548 Date NFA: 2002-10-02 VCP: NFA Cleanup Siteid: 6766	2603 PACIFIC HWY E	WNW 1/4 - 1/2 (0.473 mi.)	AA115	1131

WA ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 5 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #7343 Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 11/02/92 Media Contaminated: GW,S	3408 PACIFIC HWY	NW 0 - 1/8 (0.048 mi.)	C17	60
TEXACO #63 232 0143 Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 10/23/97 Date Ecology Received Report: 06/08/98 Date Ecology Received Report: 02/26/98 Date Ecology Received Report: 08/21/98 Date Ecology Received Report: 10/15/98 **Additional key fields are available in the Map Findings section* Media Contaminated: GW,S	3251 PACIFIC HWY E.	WNW 1/8 - 1/4 (0.167 mi.)	F33	236
HOLLY MARINA Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 09/18/96 Media Contaminated: S	***4001 20TH NE***	***SE 1/8 - 1/4 (0.221 mi.)***	***M55***	***706***
LOVE'S TRAVEL STOP # Contaminants Found at Site: 6	***1501 33RD AVE E***	***NW 1/8 - 1/4 (0.227 mi.)***	***N59***	***736***

Type of Report Ecology Received: I
Date Ecology Received Report: 02/10/99
Date Ecology Received Report: 10/23/98
Date Ecology Received Report: 07/15/92
Date Ecology Received Report: 08/28/95
Media Contaminated: GW,S

HONDA OF FIFE	***4301 20TH ST E***	***ESE 1/4 - 1/2 (0.402 mi.)***	***107***	***1097***

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Type of Report Ecology Received: I
Date Ecology Received Report: 01/12/99
Date Ecology Received Report: 06/14/00
Date Ecology Received Report: 08/29/00
Date Ecology Received Report: 07/02/01
Date Ecology Received Report: 09/04/01
**Additional key fields are available in the Map Findings section*
Media Contaminated: S
Media Contaminated: GW,S

WA PTAP: A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

A review of the WA PTAP list, as provided by EDR, and dated 05/12/2020 has revealed that there are 3 WA PTAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIFE METROPLEX CARDL	***3200 20TH ST E***	***SW 1/4 - 1/2 (0.316 mi.)***	***R84***	***1021***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ASSOCIATED PETROLUEM	***3101 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.273 mi.)***	***P71***	***826***
PACIFIC XPRESS	***4310 PACIFIC HWY E***	***E 1/4 - 1/2 (0.387 mi.)***	***104***	***1086***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY: A llisting of recycling center locations.

A review of the WA SWRCY list, as provided by EDR, and dated 04/30/2020 has revealed that there is 1 WA SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRESCENT LIGHTING -	3214 20TH STREET EAS	SW 1/4 - 1/2 (0.309 mi.)	R78	1006

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 78 WA ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA PORT MOTOR IN Facility Id: 88749244	***3518 PACIFIC HWY E***	***N 0 - 1/8 (0.010 mi.)***	***B10***	***23***
CUMMINS NW INC Facility Id: 32435394	***3701 PACIFIC HWY E***	***N 0 - 1/8 (0.044 mi.)***	***B12***	***28***
LA CASA REAL DRUM Facility Id: 7907 Facility Id: 72234718	***3410 PACIFIC HWY E***	***NW 0 - 1/8 (0.048 mi.)***	***C15***	***48***
UNOCAL 7343 Facility Id: 4131691	***3408A PACIFIC HWY E***	***NW 0 - 1/8 (0.048 mi.)***	***C19***	***60***
UNOCAL SERVICE STATI Facility Id: 1340	***3408 PACIFIC HWY E***	***NW 0 - 1/8 (0.048 mi.)***	***C20***	***62***
GLACIER MOTEL DRUG B Facility Id: 7258421	***3401 PACIFIC HWY E***	***NW 0 - 1/8 (0.086 mi.)***	***21***	***67***
FIFE VEHICLE DIV & D Facility Id: 72875345	***3725 PACIFIC HWY E***	***NNE 0 - 1/8 (0.114 mi.)***	***D22***	***72***
WESTERN PETERBILT LL Facility Id: 71198179	***3443 20TH ST E***	***SW 1/8 - 1/4 (0.127 mi.)***	***E26***	***117***
PAPE MACHINERY TACOM Facility Id: 72626264	***3607 20TH ST E***	***S 1/8 - 1/4 (0.143 mi.)***	***28***	***159***
GERBER COLLISION & G Facility Id: 96399117	***3701 20TH ST SE***	***SSE 1/8 - 1/4 (0.147 mi.)***	***29***	***184***
H&H NORTHWEST COMPAN Facility Id: 32616	***3309 PACIFIC AVE E***	***WNW 1/8 - 1/4 (0.155 mi.)***	***F30***	***207***
KEY BANK Facility Id: 4888443	***1323 34TH AVE E***	***NNW 1/8 - 1/4 (0.158 mi.)***	***31***	***212***
TEXACO STATION 12110 Facility Id: 77832375	***3251 PACIFIC HWY S***	***WNW 1/8 - 1/4 (0.167 mi.)***	***F32***	***218***
BREMERTON TACOMA STA Facility Id: 17456541 Facility Id: 29574255	***3801 20TH AVE E***	***SE 1/8 - 1/4 (0.173 mi.)***	***G38***	***271***
I-5 SB PORT OF TACOM Facility Id: 70333		***W 1/8 - 1/4 (0.174 mi.)***	***39***	***274***
OCCIDENTAL CHEMICAL Facility Id: 41816694	***PACIFIC HWY E & PORT***	***WNW 1/8 - 1/4 (0.191 mi.)***	***F43***	***556***
PORT OF TACOMA ROAD Facility Id: 48505		WNW 1/8 - 1/4 (0.191 mi.)	F44	654
NORTHWEST MINI Facility Id: 17670	3901 20TH ST E	SE 1/8 - 1/4 (0.203 mi.)	J47	670
BREKKE ENTERPRISES	***1320 TIDEHAVEN RD***	***NNW 1/8 - 1/4 (0.203 mi.)***	***K50***	***693***

Facility Id: 1279				
I5 PORT OF TACOMA RO Facility Id: 15143	I5 & PORT OF TACOMA	WSW 1/8 - 1/4 (0.212 mi.)	51	694
COGDALL CONSTRUCTION Facility Id: 6656	***3600 E INDUSTRY DR E***	***S 1/8 - 1/4 (0.221 mi.)***	***L52***	***694***
FEDERAL EXPRESS CORP Facility Id: 88389433	***3600 INDUSTRY DR E***	***S 1/8 - 1/4 (0.221 mi.)***	***L53***	***697***
HOLLY MARINA Facility Id: 47746788	***4001 20TH NE***	***SE 1/8 - 1/4 (0.221 mi.)***	***M55***	***706***
MORNING SUN INC Facility Id: 12725474 Facility Id: 17474 Facility Id: 66138	***3500 20TH ST E BLDG***	***SE 1/8 - 1/4 (0.223 mi.)***	***J57***	***709***
FLYING J TRAVEL PLAZ Facility Id: 94359448	***1501 33RD AVE E***	***NW 1/8 - 1/4 (0.227 mi.)***	***N58***	***731***
LOVE'S TRAVEL STOP # Facility Id: 32229	***1501 33RD AVE E***	***NW 1/8 - 1/4 (0.227 mi.)***	***N60***	***746***
PORT OF TACOMA RD I5 Facility Id: 553914	***PORT OF TACOMA RD &***	***SW 1/4 - 1/2 (0.266 mi.)***	***70***	***825***
BMW NORTHWEST INC Facility Id: 16434792	4011 20TH ST E	ESE 1/4 - 1/2 (0.276 mi.)	73	991
UNION PACIFIC RAILRO Facility Id: 75347		***SSW 1/4 - 1/2 (0.286 mi.)***	***74***	***991***
WES CRAFT RV & MARIN Facility Id: 15494538	***3151 20TH ST E***	***WSW 1/4 - 1/2 (0.307 mi.)***	***R76***	***994***
MODERN PRINTING GRAP Facility Id: 77644258	***3216 20TH ST E***	***SW 1/4 - 1/2 (0.308 mi.)***	***R77***	***1003***
CLOSETMAID Facility Id: 3939978	***3900 INDUSTRY DR E S***	***SSE 1/4 - 1/2 (0.309 mi.)***	***S79***	***1007***
SAMS TIRE SERVICE IN Facility Id: 3799146	***3110 PACIFIC HWY***	***WNW 1/4 - 1/2 (0.310 mi.)***	***P80***	***1008***
WEST MARINE 00024 Facility Id: 15147	***3212 20TH ST E***	***SW 1/4 - 1/2 (0.310 mi.)***	***R81***	***1009***
INK INC INDUSTRY DR Facility Id: 97796511	***3900F INDUSTRY DR E***	***SSE 1/4 - 1/2 (0.310 mi.)***	***S82***	***1017***
BMW NORTHWEST VEHICL Facility Id: 21366	1902 GOLDAU RD E	ESE 1/4 - 1/2 (0.314 mi.)	83	1021
FIFE METROPLEX CARDL Facility Id: 35377551	***3200 20TH ST E***	***SW 1/4 - 1/2 (0.316 mi.)***	***R84***	***1021***
COSTCO BUSINESS CENT Facility Id: 65249443	***3900 20TH ST E***	***SE 1/4 - 1/2 (0.316 mi.)***	***86***	***1025***
BASF TRAINING CENTER Facility Id: 93192165	***3077 20TH ST E***	***WSW 1/4 - 1/2 (0.336 mi.)***	***R89***	***1058***
PENSKE TRUCK LEASING Facility Id: 55388197	***2105 FRANK ALBERT RD***	***SSE 1/4 - 1/2 (0.344 mi.)***	***S94***	***1076***
LNG FUELING STATION Facility Id: 24662	3013 20TH ST E	WSW 1/4 - 1/2 (0.362 mi.)	U97	1077
DIKE ACCESS ROAD DRU	***DIKE ACCESS RD & 20T***	***WSW 1/4 - 1/2 (0.384 mi.)***	***U103***	***1083***

Facility Id: 42251943				
HONDA OF FIFE Facility Id: 72856623	***4301 20TH ST E***	***ESE 1/4 - 1/2 (0.402 mi.)***	***107***	***1097***
HERTZ EQUIPMENT RENT Facility Id: 11198466	***4403 20TH ST E***	***ESE 1/4 - 1/2 (0.451 mi.)***	***X110***	***1113***
GENSCO INC Facility Id: 43944875	***4402 20TH ST E***	***ESE 1/4 - 1/2 (0.452 mi.)***	***X111***	***1123***
MWI VETERINARY SUPPL Facility Id: 18052	4200 INDUSTRY DR E S	SE 1/4 - 1/2 (0.452 mi.)	Y112	1130
SPORTSWEAR SVC Facility Id: 93277555	***4101 INDUSTRY DR E***	***SE 1/4 - 1/2 (0.479 mi.)***	***Y119***	***1189***

Lower Elevation	Address	Direction / Distance	Map ID	Page
JET AUTO WRECKING Facility Id: 18020	***3901 PACIFIC HWY E***	***ENE 0 - 1/8 (0.122 mi.)***	***24***	***114***
LEXUS OF FIFE PARKIN Facility Id: 11803	3914 PACIFIC HWY E	E 1/8 - 1/4 (0.140 mi.)	27	159
ABRA AUTO BODY AND G Facility Id: 52994962	***3909 PACIFIC HWY E***	***N 1/8 - 1/4 (0.184 mi.)***	***40***	***278***
PM TESTING LAB INC P Facility Id: 98132319	***3921 PACIFIC HWY E***	***ENE 1/8 - 1/4 (0.191 mi.)***	***H41***	***309***
LEXUS OF TACOMA AT F Facility Id: 90252898	***1708 40TH AVE CT E***	***E 1/8 - 1/4 (0.203 mi.)***	***48***	***670***
JAGUAR LANDROVER VOL Facility Id: 17288	1601 40TH AVE CT E	E 1/8 - 1/4 (0.229 mi.)	62	749
SIERRA SANDBLASTING Facility Id: 44654631	***3402 12TH ST E***	***NNW 1/8 - 1/4 (0.235 mi.)***	***O64***	***776***
WESCRAFT RV & TRUCK Facility Id: 7208876	***3402 12TH ST E***	***NNW 1/8 - 1/4 (0.235 mi.)***	***O65***	***808***
GCR TIRE CENTER 4247 Facility Id: 2418556	***4107 PACIFIC HWY E***	***ENE 1/4 - 1/2 (0.250 mi.)***	***67***	***817***
DIESING PROPERTY PAR Facility Id: 38554597	***3518 12TH ST E***	***NNW 1/4 - 1/2 (0.256 mi.)***	***O68***	***824***
ASSOCIATED PETROLUEM Facility Id: 94129688	***3101 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.273 mi.)***	***P71***	***826***
PROGRESS RAIL SERVIC Facility Id: 26693246	***4012 SR 509 S FRONTA***	***N 1/4 - 1/2 (0.273 mi.)***	***72***	***833***
NISSAN OF FIFE Facility Id: 23555	1700 ALEXANDER AVE E	E 1/4 - 1/2 (0.298 mi.)	Q75	994
LARSON AUTOMOTIVE FI Facility Id: 4431	1701 ALEXANDER AVE E	E 1/4 - 1/2 (0.324 mi.)	Q87	1058
AUTO WAREHOUSING CO Facility Id: 43274632	3715 SR 509 N FRONTA	N 1/4 - 1/2 (0.326 mi.)	88	1058
SUSAN KAELIN PROPERT Facility Id: 84439736	***1409 ALEXANDER AVE E***	***ENE 1/4 - 1/2 (0.337 mi.)***	***T91***	***1067***
RUSHFORTH CONSTRUCTI	***1308 ALEXANDER AVE E***	***ENE 1/4 - 1/2 (0.338 mi.)***	***92***	***1067***

Facility Id: 65325229				
PCT PAVING REPAIRS Facility Id: 23086	***3600 PORT OF TACOMA***	***NW 1/4 - 1/2 (0.345 mi.)***	***95***	***1077***
PIERCE COUNTY TERMIN Facility Id: 9771939	SR 509 PORT OF TACOM	NW 1/4 - 1/2 (0.358 mi.)	96	1077
DAUPHIN SITE Facility Id: 1281	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.368 mi.)***	***V98***	***1078***
SOON MU LEE VACANT L Facility Id: 39223129	***2909 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.369 mi.)***	***V102***	***1082***
PACIFIC XPRESS Facility Id: 48521859	***4310 PACIFIC HWY E***	***E 1/4 - 1/2 (0.387 mi.)***	***104***	***1086***
AUTO WAREHOUSING CO Facility Id: 97814788 Facility Id: 23525	***3715 E WEST RD***	***NNE 1/4 - 1/2 (0.392 mi.)***	***W105***	***1090***
MARINE TERMINAL CORP Facility Id: 5427431	***4015 SR 509 N FRONTA***	***NNE 1/4 - 1/2 (0.399 mi.)***	***W106***	***1095***
PACIFIC HWY EAST PRE Facility Id: 46589		W 1/4 - 1/2 (0.416 mi.)	108	1113
GENERAL WELDING SUPP Facility Id: 98423745	***4405 PACIFIC HWY E***	***E 1/4 - 1/2 (0.442 mi.)***	***109***	***1113***
B & J BINGO Facility Id: 11115839	***4401 15TH ST E***	***ENE 1/4 - 1/2 (0.454 mi.)***	***113***	***1130***
WW GRAINGER INC 755 Facility Id: 25172831	***2802 PACIFIC HWY E***	***W 1/4 - 1/2 (0.472 mi.)***	***Z114***	***1131***
NC MACHINERY COMPANY Facility Id: 85298548	***2603 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.473 mi.)***	***AA116***	***1132***
BOITANO SITE Facility Id: 39816865	***2800 PACIFIC HWY E***	***W 1/4 - 1/2 (0.473 mi.)***	***Z117***	***1177***
UW PHYTOREMEDIATION Facility Id: 16926	***2801 PACFIC HWY E***	***W 1/4 - 1/2 (0.476 mi.)***	***Z118***	***1183***

WA CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there are 11 WA CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC CS Id: 3585 Facility/Site Id: 32435394 Soil: Confirmed Above Cleanup Levels NFA Date: 04/03/2003 Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified	***3701 PACIFIC HWY E***	***N 0 - 1/8 (0.044 mi.)***	***B12***	***28***

Contaminant Name: Polycyclic Aromatic Hydrocarbons

UNOCAL SERVICE STATI ***3408 PACIFIC HWY E*** ***NW 0 - 1/8 (0.048 mi.)*** ***C20*** ***62***
CS Id: 5015
Facility/Site Id: 1340
Soil: Confirmed Above Cleanup Levels
NFA Date: 08/16/1993
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

BREKKE ENTERPRISES ***1320 TIDEHAVEN RD*** ***NNW 1/8 - 1/4 (0.203 mi.)*** ***K50*** ***693***
CS Id: 3650
Facility/Site Id: 1279
Soil: Suspected
NFA Date: 10/30/1989
Groundwater: Suspected
Contaminant Name: Corrosive Wastes

Lower Elevation	Address	Direction / Distance	Map ID	Page
JET AUTO WRECKING	***3901 PACIFIC HWY E***	***ENE 0 - 1/8 (0.122 mi.)***	***24***	***114***

CS Id: 2004
Facility/Site Id: 18020
Soil: Remediated
NFA Date: 01/28/1997
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

PM TESTING LAB INC P ***3921 PACIFIC HWY E*** ***ENE 1/8 - 1/4 (0.191 mi.)*** ***H41*** ***309***
CS Id: 2761
Facility/Site Id: 98132319
Soil: Remediated
NFA Date: 11/14/1997
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

DIESING PROPERTY PAR ***3518 12TH ST E*** ***NNW 1/4 - 1/2 (0.256 mi.)*** ***O68*** ***824***
CS Id: 1674
Facility/Site Id: 38554597
Soil: Remediated-Below
NFA Date: 10/11/2016
Groundwater: Remediated-Below
Contaminant Name: Metals Priority Pollutants

PROGRESS RAIL SERVIC ***4012 SR 509 S FRONTA*** ***N 1/4 - 1/2 (0.273 mi.)*** ***72*** ***833***
CS Id: 4267
Facility/Site Id: 26693246
Soil: Remediated-Below
NFA Date: 09/16/2016
Groundwater: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

SUSAN KAELIN PROPERT ***1409 ALEXANDER AVE E*** ***ENE 1/4 - 1/2 (0.337 mi.)*** ***T91*** ***1067***
CS Id: 3617
Facility/Site Id: 84439736
Soil: Remediated
NFA Date: 11/20/2001

Groundwater: Suspected
Contaminant Name: Petroleum Products-Unspecified

SOON MU LEE VACANT L ***2909 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.369 mi.)*** ***V102*** ***1082***
CS Id: 2199
Facility/Site Id: 39223129
Soil: Remediated-Below
NFA Date: 08/19/2013
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

NC MACHINERY COMPANY ***2603 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.473 mi.)*** ***AA116*** ***1132***
CS Id: 6766
Facility/Site Id: 85298548
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/02/2002
Groundwater: Below Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other

BOITANO SITE ***2800 PACIFIC HWY E*** ***W 1/4 - 1/2 (0.473 mi.)*** ***Z117*** ***1177***
CS Id: 2856
Facility/Site Id: 39816865
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
NFA Date: 10/24/2002
Groundwater: Remediated
Contaminant Name: Corrosive Wastes
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

Records of Emergency Release Reports

WA SPILLS: Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

A review of the WA SPILLS list, as provided by EDR, and dated 06/08/2020 has revealed that there is 1 WA SPILLS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Facility ID: 89849	TRAVELODGE PORT OF T	0 - 1/8 (0.000 mi.)	A9	22

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that

there are 17 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA PORT MOTOR IN EPA ID:: WAD988469813	***3518 PACIFIC HWY E***	***N 0 - 1/8 (0.010 mi.)***	***B10***	***23***
CUMMINS NW INC EPA ID:: WAD148332539	***3701 PACIFIC HWY E***	***N 0 - 1/8 (0.044 mi.)***	***B12***	***28***
LA CASA REAL DRUM EPA ID:: WA0000857136	***3410 PACIFIC HWY E***	***NW 0 - 1/8 (0.048 mi.)***	***C15***	***48***
GLACIER MOTEL DRUG B EPA ID:: WAD982821266	***3401 PACIFIC HWY E***	***NW 0 - 1/8 (0.086 mi.)***	***21***	***67***
FIFE VEHICLE DIV & D EPA ID:: WAH000004770	***3725 PACIFIC HWY E***	***NNE 0 - 1/8 (0.114 mi.)***	***D22***	***72***
WESTERN PETERBILT LL EPA ID:: WAH000008912	***3443 20TH ST E***	***SW 1/8 - 1/4 (0.127 mi.)***	***E26***	***117***
PAPE MACHINERY TACOM EPA ID:: WAD988492922	***3607 20TH ST E***	***S 1/8 - 1/4 (0.143 mi.)***	***28***	***159***
GERBER COLLISION & G EPA ID:: WAH000011130	***3701 20TH ST SE***	***SSE 1/8 - 1/4 (0.147 mi.)***	***29***	***184***
KEY BANK EPA ID:: WAD982654758	***1323 34TH AVE E***	***NNW 1/8 - 1/4 (0.158 mi.)***	***31***	***212***
TEXACO STATION 12110 EPA ID:: WAD988483178	3251 PACIFIC HWY S	WNW 1/8 - 1/4 (0.167 mi.)	F34	238
OCCIDENTAL CHEMICAL EPA ID:: WA0000758979	***PACIFIC HWY E & PORT***	***WNW 1/8 - 1/4 (0.191 mi.)***	***F43***	***556***
FEDERAL EXPRESS CORP EPA ID:: WAD988474748	***3600 INDUSTRY DR E***	***S 1/8 - 1/4 (0.221 mi.)***	***L53***	***697***
COGDALL CONSTRUCTION EPA ID:: WAH000047065	3600 E INDUSTRY DR E	S 1/8 - 1/4 (0.221 mi.)	L54	700
MORNING SUN INC EPA ID:: WAD988482741	***3500 20TH ST E BLDG***	***SE 1/8 - 1/4 (0.223 mi.)***	***J57***	***709***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABRA AUTO BODY AND G EPA ID:: WA0000188706	***3909 PACIFIC HWY E***	***N 1/8 - 1/4 (0.184 mi.)***	***40***	***278***
LEXUS OF TACOMA AT F EPA ID:: WAH000003228	***1708 40TH AVE CT E***	***E 1/8 - 1/4 (0.203 mi.)***	***48***	***670***
SIERRA SANDBLASTING EPA ID:: WAD078199981	***3402 12TH ST E***	***NNW 1/8 - 1/4 (0.235 mi.)***	***O64***	***776***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		0 - 1/8 (0.000 mi.)	0	22

EXECUTIVE SUMMARY

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there are 14 WA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIFE VEHICLE DIV & D Facility Site ID Number: 72875345 Gen Status CD: XQG EPA ID: WAH000004770	***3725 PACIFIC HWY E***	***NNE 0 - 1/8 (0.114 mi.)***	***D22***	***72***
WESTERN PETERBILT LL Facility Site ID Number: 71198179 Gen Status CD: XQG EPA ID: WAH000008912	3443 20TH ST E	SW 1/8 - 1/4 (0.127 mi.)	E25	115
WESTERN PETERBILT LL Facility Site ID Number: 71198179 Gen Status CD: XQG Gen Status CD: SQG EPA ID: WAH000008912	***3443 20TH ST E***	***SW 1/8 - 1/4 (0.127 mi.)***	***E26***	***117***
PAPE MACHINERY TACOM Facility Site ID Number: 72626264 Gen Status CD: SQG EPA ID: WAD988492922	***3607 20TH ST E***	***S 1/8 - 1/4 (0.143 mi.)***	***28***	***159***
GERBER COLLISION & G Facility Site ID Number: 96399117 Gen Status CD: SQG EPA ID: WAH000011130	***3701 20TH ST SE***	***SSE 1/8 - 1/4 (0.147 mi.)***	***29***	***184***
TEXACO STATION 12110 Facility Site ID Number: 77832375 Gen Status CD: XQG Gen Status CD: MQG Gen Status CD: SQG EPA ID: WAD988483178	***3251 PACIFIC HWY S***	***WNW 1/8 - 1/4 (0.167 mi.)***	***F32***	***218***
OCCIDENTAL CHEMICAL Facility Site ID Number: 41816694 Gen Status CD: XQG EPA ID: WA0000758979	***PACIFIC HWY E & PORT***	***WNW 1/8 - 1/4 (0.191 mi.)***	***F43***	***556***
UNION PACIFIC RAIL Y Facility Site ID Number: 28881 Gen Status CD: SQG EPA ID: WAD988511390	***3330 20TH ST***	***SW 1/8 - 1/4 (0.200 mi.)***	***I46***	***661***
COGDALL CONSTRUCTION Facility Site ID Number: 6656 Gen Status CD: MQG EPA ID: WAH000047065	***3600 E INDUSTRY DR E***	***S 1/8 - 1/4 (0.221 mi.)***	***L52***	***694***
MORNING SUN INC Facility Site ID Number: 12725474 Gen Status CD: SQG EPA ID: WAD988482741	***3500 20TH ST E BLDG***	***SE 1/8 - 1/4 (0.223 mi.)***	***J57***	***709***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ABRA AUTO BODY AND G	***3909 PACIFIC HWY E***	***N 1/8 - 1/4 (0.184 mi.)***	***40***	***278***

Facility Site ID Number: 52994962 Gen Status CD: SQG EPA ID: WA0000188706				
PM TESTING LAB INC P	***3921 PACIFIC HWY E***	***ENE 1/8 - 1/4 (0.191 mi.)***	***H41***	***309***
Facility Site ID Number: 98132319 Gen Status CD: LQG EPA ID: WAH000006213				
LEXUS OF TACOMA AT F	***1708 40TH AVE CT E***	***E 1/8 - 1/4 (0.203 mi.)***	***48***	***670***
Facility Site ID Number: 90252898 Gen Status CD: SQG EPA ID: WAH000003228				
WESCRAFT RV & TRUCK	***3402 12TH ST E***	***NNW 1/8 - 1/4 (0.235 mi.)***	***O65***	***808***
Facility Site ID Number: 7208876 Gen Status CD: MQG Gen Status CD: SQG EPA ID: WAH000034144				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GASAMAT INC	3402 PACIFIC HWY E	NW 0 - 1/8 (0.025 mi.)	C11	27
SACS MART INC	3408 PACIFIC HWY E	NW 0 - 1/8 (0.048 mi.)	C18	60

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

Site Name	Database(s)
TACOMA ALUMINUM PHOSPHIHE RESPONSE	SEMS
OCCIDENTAL CHEMICAL-SITE II	WA SWF/LF
US OIL/HYUNDAI TERMINAL	WA ICR
PSE TACOMA HISTORICAL COAL GAS	EDR MGP
SCHULER INDUSTRIAL PARK	WA VCP
PORTAC INC TACOMA	WA VCP

OVERVIEW MAP - 6218044.2S

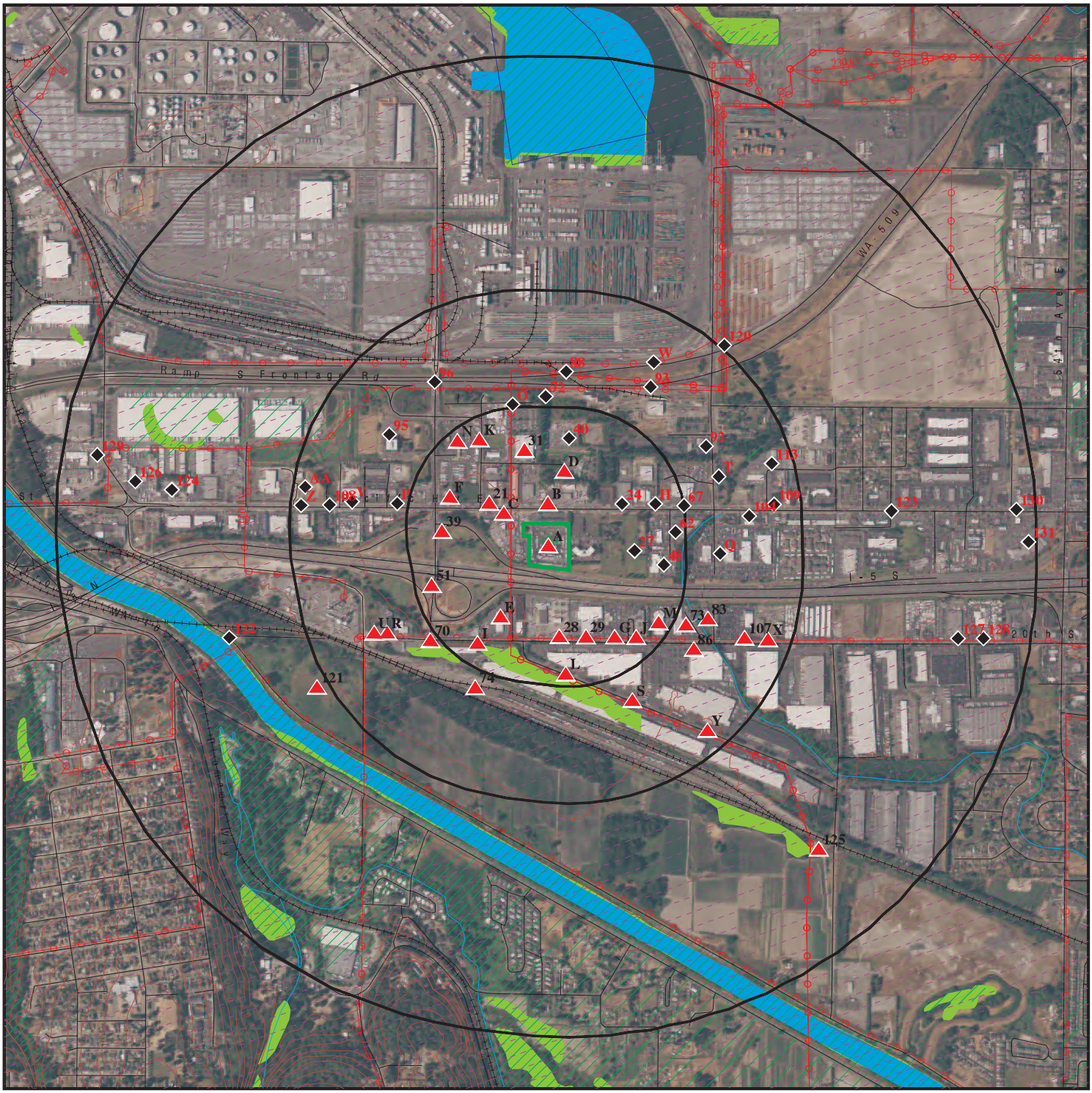

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: HOMETEL INN	CLIENT: Parametrix, Inc.
ADDRESS: 3520 PACIFIC HWY E Tacoma WA 98424	CONTACT: Adam Romey
LAT/LONG: 47.242016 / 122.380462	INQUIRY #: 6218044.2s
	DATE: October 06, 2020 7:48 pm

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DETAIL MAP - 6218044.2S

0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: HOMETEL INN	CLIENT: Parametrix, Inc.
ADDRESS: 3520 PACIFIC HWY E Tacoma WA 98424	CONTACT: Adam Romey
LAT/LONG: 47.242016 / 122.380462	INQUIRY #: 6218044.2s DATE: October 06, 2020 7:49 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	2	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
WA HSL	1.000		0	0	2	3	NR	5
State- and tribal - equivalent CERCLIS								
WA CSCSL	1.000	1	1	8	8	12	NR	30
State and tribal landfill and/or solid waste disposal site lists								
WA SWF/LF	0.500		1	0	1	NR	NR	2
State and tribal leaking storage tank lists								
WA LUST	0.500		2	3	5	NR	NR	10

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WA UST	0.250		2	5	NR	NR	NR	7
WA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
WA INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
WA VCP	0.500	1	2	6	7	NR	NR	16
WA ICR	0.500		1	3	1	NR	NR	5
INDIAN VCP	0.500		0	0	0	NR	NR	0
WA PTAP	0.500		0	0	3	NR	NR	3
State and tribal Brownfields sites								
WA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WA SWRCY	0.500		0	0	1	NR	NR	1
WA SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
WA ALLSITES	0.500	1	8	26	44	NR	NR	79
WA CDL	0.001		0	NR	NR	NR	NR	0
WA HIST CDL	0.001	2	0	NR	NR	NR	NR	2
WA CSCSL NFA	0.500		3	2	6	NR	NR	11
US CDL	0.001		0	NR	NR	NR	NR	0
WA AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
WA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WA SPILLS	0.001		1	NR	NR	NR	NR	1
WA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	12	NR	NR	NR	17
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		1	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
WA AIRS	0.001		0	NR	NR	NR	NR	0
WA ASBESTOS	0.001	2	0	NR	NR	NR	NR	2
WA COAL ASH	0.500		0	0	0	NR	NR	0
WA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
WA Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
WA MANIFEST	0.250		1	13	NR	NR	NR	14
WA NPDES	0.001		0	NR	NR	NR	NR	0
WA UIC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WA RGA HWS	0.001	1	0	NR	NR	NR	NR	1
WA RGA LF	0.001		0	NR	NR	NR	NR	0
WA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		11	30	82	79	15	0	217

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property

WA ASBESTOS **S125599647**
N/A

3520 PACIFIC HWY EAST BOILER
FIFE, WA

Site 1 of 9 in cluster A

Actual: 17 ft.

ASBESTOS:

Name:	Not reported
Address:	3520 PACIFIC HWY EAST BOILER
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46917##1022FSGSS245826
Notice Date:	03/16/2011
Start Date:	03/16/2011
Completion Date:	03/16/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported

(Continued) **S125599647**

VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601133658
Notice type:	Emergency
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Kevin Hudspeth ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3520 PACIFIC HWY EAST BOILER
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46886##1022FSGSS194623
Notice Date:	03/15/2011
Start Date:	03/16/2011
Completion Date:	03/16/2011
Initial:	Not reported

(Continued) **S125599647**

Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported

(Continued) **S125599647**

Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Kevin Hudspeth ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

A2 Target Property **FIFE RV HOMETEL REDEVELOPMENT**
3520 PACIFIC HWY E
FIFE, WA 98424

FINDS **1015941178**
ECHO **N/A**

Site 2 of 9 in cluster A

Actual: 17 ft.

FINDS:
Registry ID: 110045491687

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

FIFE RV HOMETEL REDEVELOPMENT (Continued) **1015941178**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1015941178
Registry ID:	110045491687
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110045491687
Name:	FIFE RV HOMETEL REDEVELOPMENT
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

A3 **WA HIST CDL** **S108074986**
Target Property **3520 PACIFIC HIGHWAY EAST #133** **N/A**
PIERCE (County), WA

Site 3 of 9 in cluster A

Actual: 17 ft.

HIST CDL:

Facility ID:	97010
Tax ID Number:	NA
Contamination Date:	Not reported
Remediation Date:	10/20/1997

A4 **WA HIST CDL** **S106083025**
Target Property **3520 PACIFIC HIGHWAY E, RM 115** **N/A**
PIERCE (County), WA

Site 4 of 9 in cluster A

Actual: 17 ft.

HIST CDL:

Facility ID:	99019
Tax ID Number:	0320111049
Contamination Date:	Not reported
Remediation Date:	Not reported

A5 **HOMETEL INN** **WA RGA HWS** **S115342978**
Target Property **3520 PACIFIC HWY E** **N/A**
FIFE, WA

Site 5 of 9 in cluster A

Actual: 17 ft.

RGA HWS:

2012	HOMETEL INN	3520 PACIFIC HWY E
2011	HOMETEL INN	3520 PACIFIC HWY E
2010	HOMETEL INN	3520 PACIFIC HWY E
2009	HOMETEL INN	3520 PACIFIC HWY E
2008	HOMETEL INN	3520 PACIFIC HWY E
2007	HOMETEL INN	3520 PACIFIC HWY E
2006	HOMETEL INN	3520 PACIFIC HWY E
2005	HOMETEL INN	3520 PACIFIC HWY E
2004	HOMETEL INN	3520 PACIFIC HWY E

A6
Target Property

WA ASBESTOS **S125599648**
N/A

3520 PACIFIC HWY S THROUGHOUT
FIFE, WA

Site 6 of 9 in cluster A

Actual: 17 ft.

ASBESTOS:

Name:	Not reported
Address:	3520 PACIFIC HWY S THROUGHOUT
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	61306##1177North380844
Notice Date:	07/02/2012
Start Date:	07/12/2012
Completion Date:	08/12/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Northwest Abatement Services I (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported

(Continued) **S125599648**

VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Popcorn Ceiling
Supervisor:	Mike Factory ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3520 PACIFIC HWY S THROUGHOUT
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	63189##1177North828358
Notice Date:	08/20/2012
Start Date:	08/03/2012
Completion Date:	08/27/2012
Initial:	Not reported

(Continued) **S125599648**

Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Northwest Abatement Services I (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported

(Continued) **S125599648**

Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Popcorn Ceiling
Supervisor:	Mike Factory ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3520 PACIFIC HWY S THROUGHOUT
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	62562##1177North946353
Notice Date:	08/03/2012
Start Date:	08/03/2012
Completion Date:	08/24/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported

(Continued) **S125599648**

Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Northwest Abatement Services I (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported

(Continued) **S125599648**

Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Popcorn Ceiling
Supervisor:	Mike Factory ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3520 PACIFIC HWY S THROUGHOUT
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	62937##1177North019287
Notice Date:	08/13/2012
Start Date:	08/03/2012
Completion Date:	08/24/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Northwest Abatement Services I (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported

(Continued) **S125599648**

Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Popcorn Ceiling
Supervisor:	Mike Factory ()
Supervisor Phone:	Not reported

(Continued) **S125599648**

Certificate Status: ACTIVE

A7 Target Property | **HOMETEL INN**
3520 PACIFIC HWY E
FIFE, WA 98424 | **WA CSCSL** **1007677625**
WA ALLSITES **N/A**
FINDS

Site 7 of 9 in cluster A

Actual: 17 ft.

CSCSL:

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	6088860
Region:	Southwest
Lat/Long:	47.242517662691 / -122.3798645991
Clean Up Siteid:	4697
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	6088860
Region:	Southwest
Lat/Long:	47.242517662691 / -122.3798645991
Clean Up Siteid:	4697
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FIFE RV HOMETEL REDEVELOPMENT
Facility Id:	10432

HOMETEL INN (Continued) **1007677625**

Name: HOMETEL INN
Facility Id: 6088860

FINDS:
Registry ID: 110017943270

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A8 Target Property | **HOMETEL INN** | **WA VCP** | **S124435153**
3520 PACIFIC HWY E | **N/A**
FIFE, WA 98424

Site 8 of 9 in cluster A

Actual: 17 ft.

VCP:
Name: HOMETEL INN
Address: 3520 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 6088860
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 4697
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: HOMETEL INN
Address: 3520 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 6088860
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 4697

HOMETEL INN (Continued) **S124435153**

Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
, WA
< 1/8
1 ft.

INDIAN RESERV:
Feature: Indian Reservation
Name: Puyallup Reservation
Agency: BIA

A9 **WA SPILLS** **S118758260**
N/A
TRAVELODGE PORT OF TACOMA WA
< 1/8 **FIFE, WA**
1 ft.

Site 9 of 9 in cluster A

Relative: SPILLS:
Higher

Actual:
17 ft.

Name:	Not reported
Address:	TRAVELODGE PORT OF TACOMA WA
City,State,Zip:	FIFE, WA
Facility ID:	89849
Medium:	Fresh water
Material Desc:	ASPHALT/CREOSEOTE
Material Qty:	1
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	07/05/2016
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.242
Longitude:	122.38
Source Type:	Private Property
Source:	Other - Private Property
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Unknown

B10 North < 1/8 0.010 mi. 51 ft. | **TACOMA PORT MOTOR INN 3518 PACIFIC HWY E FIFE, WA 98424** | **WA ALLSITES RCRA NonGen / NLR FINDS ECHO** | **1001490527 WAD988469813**

Site 1 of 3 in cluster B

Relative: Higher

Actual: 18 ft.

ALLSITES:

Name:	TACOMA PORT MOTOR INN
Facility Id:	88749244

RCRA Listings:

Date Form Received by Agency:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Handler Address:	3518 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988469813
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 42589
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 42589
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	MIKE O
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

TACOMA PORT MOTOR INN (Continued) **1001490527**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OSWEILER, MIKE
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-0365
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE O
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-0365

TACOMA PORT MOTOR INN (Continued) **1001490527**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3518 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT MOTOR INN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3518 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported

TACOMA PORT MOTOR INN (Continued) **1001490527**

Owner/Operator Address: PO BOX 42589
Owner/Operator City,State,Zip: OLYMPIA, WA 98504
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1995-04-12 00:00:00.0
Handler Name: TACOMA PORT MOTOR INN
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1995-04-12 00:00:00.0
Handler Name: TACOMA PORT MOTOR INN
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1995-04-12 00:00:00.0
Handler Name: TACOMA PORT MOTOR INN
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 92411
NAICS Description: ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

TACOMA PORT MOTOR INN (Continued) **1001490527**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005351029

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490527
Registry ID:	110005351029
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005351029
Name:	TACOMA PORT MOTOR INN
Address:	3518 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

C11 **GASAMAT INC** **EDR Hist Auto** **1021336076**
NW **3402 PACIFIC HWY E** **N/A**
< 1/8 **TACOMA, WA 98424**
0.025 mi.
130 ft. **Site 1 of 8 in cluster C**

Relative: **Higher** EDR Hist Auto

Actual: **20 ft.**

Year:	Name:	Type:
1977	GASAMAT INC	Gasoline Service Stations
1978	GASAMAT INC	Gasoline Service Stations

B12 **CUMMINS NW INC** **WA LUST** **1000300241**
North **3701 PACIFIC HWY E** **WA UST** **WAD148332539**
< 1/8 **TACOMA, WA 98424** **WA ALLSITES**
0.044 mi. **WA CSCSL NFA**
234 ft. **Site 2 of 3 in cluster B** **RCRA NonGen / NLR**

Relative:
Higher

Actual:
19 ft.

LUST:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394

CUMMINS NW INC (Continued) **1000300241**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

UST:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	32435394
Site Id:	1095
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242888
Decimal Longitude:	-122.379199

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

CUMMINS NW INC (Continued) **1000300241**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: CUMMINS NW INC
Facility Id: 32435394

CSCSL NFA:
Name: CUMMINS NW INC
Address: 3701 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility/Site Id: 32435394
CS Id: 3585
NFA Date: 04/03/2003
Alternate Site Names: Not reported
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Metals Priority Pollutants
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.242888
Longitude: -122.379199

Name: CUMMINS NW INC
Address: 3701 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility/Site Id: 32435394
CS Id: 3585
NFA Date: 04/03/2003
Alternate Site Names: Not reported
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.242888
Longitude: -122.379199

Name: CUMMINS NW INC
Address: 3701 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility/Site Id: 32435394
CS Id: 3585
NFA Date: 04/03/2003
Alternate Site Names: Not reported
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA

CUMMINS NW INC (Continued) **1000300241**

Region:	Southwest
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888
Longitude:	-122.379199

RCRA Listings:

Date Form Received by Agency:	2002-01-30 00:00:00.0
Handler Name:	CUMMINS NW INC
Handler Address:	3701 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD148332539
Contact Name:	ROGER TOLMAN
Contact Address:	3701 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-2191
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	CUMMINS NW INC
Owner Type:	Private
Operator Name:	CUMMINS NW INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:33:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC

CUMMINS NW INC (Continued) **1000300241**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC C
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1138
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1138
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private

CUMMINS NW INC (Continued) **1000300241**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Historic Generators:

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-30 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

CUMMINS NW INC (Continued) **1000300241**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-01 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-23 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CUMMINS NW INC (Continued) **1000300241**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-12 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CUMMINS NORTHWEST INC TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	CUMMINS NW, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CUMMINS NW INC (Continued) **1000300241**

List of NAICS Codes and Descriptions:

NAICS Code:	333924
NAICS Description:	INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING
NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1997-06-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-05-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Former Citation: Not reported

B13 **CUMMINS NW INC** **WA VCP** **S124433843**
North **3701 PACIFIC HWY E** **N/A**
< 1/8 **TACOMA, WA 98424**
0.044 mi.
234 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
19 ft.

VCP:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2003-04-03
Rank:	Not reported
Cleanup Siteid:	3585
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2003-04-03
Rank:	Not reported
Cleanup Siteid:	3585
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported

CUMMINS NW INC (Continued) **S124433843**

Date NFA: 2003-04-03
Rank: Not reported
Cleanup Siteid: 3585
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

C14 NW < 1/8 0.048 mi. 251 ft. **FIFE RV CENTER** **WA VCP** **S124436007**
3410 PACIFIC HWY E **N/A**
FIFE, WA 98424

Site 2 of 8 in cluster C

Relative: Higher

Actual: 21 ft.

VCP:
Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Arsenic
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Benzene
Soil: Confirmed Above Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported

FIFE RV CENTER (Continued) **S124436007**

VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13173
Contaminant Name:	Halogenated Solvents
Soil:	Below Cleanup Levels

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7907
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13173
Contaminant Name:	Lead
Soil:	Suspected

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7907
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13173
Contaminant Name:	Mercury
Soil:	Suspected

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7907
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported

FIFE RV CENTER (Continued) **S124436007**

Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Metals - Other
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Other Halogenated Organics
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Diesel
Soil: Below Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173

FIFE RV CENTER (Continued) **S124436007**

Contaminant Name: Petroleum-Gasoline
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Other
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Suspected

C15 **LA CASA REAL DRUM** **WA CSCSL** **1000920735**
NW **3410 PACIFIC HWY E** **WA ALLSITES** **WA0000857136**
< 1/8 **FIFE, WA 98421** **RCRA NonGen / NLR**
0.048 mi. **FINDS**
251 ft. **Site 3 of 8 in cluster C** **ECHO**

Relative: Higher

Actual: 21 ft.

CSCSL:
Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported

LA CASA REAL DRUM (Continued) **1000920735**

Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

LA CASA REAL DRUM (Continued) **1000920735**

Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Mercury
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported

LA CASA REAL DRUM (Continued) **1000920735**

Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Other Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173

LA CASA REAL DRUM (Continued) **1000920735**

Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

LA CASA REAL DRUM (Continued) **1000920735**

Responsible Unit: Southwest

ALLSITES:

Name:	LA CASA REAL DRUM
Facility Id:	72234718
Name:	FIFE RV CENTER
Facility Id:	7907

RCRA Listings:

Date Form Received by Agency:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Handler Address:	3410 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98421
EPA ID:	WA0000857136
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504-7775
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504-7775
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

LA CASA REAL DRUM (Continued) **1000920735**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:20:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LA CASA REAL DRUM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LA CASA REAL DRUM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E

LA CASA REAL DRUM (Continued) **1000920735**

Owner/Operator City,State,Zip:	FIFE, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1119
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

LA CASA REAL DRUM (Continued) **1000920735**

List of NAICS Codes and Descriptions:
NAICS Code: 92411
NAICS Description: ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110006459590

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110070566023

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000920735
Registry ID: 110006459590
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006459590
Name: LA CASA REAL DRUM
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98421

C16 NW < 1/8 0.048 mi. 252 ft. | **TAHOMA EXPRESS 4**
3408 PACIFIC HWY E
FIFE, WA 98424

Site 4 of 8 in cluster C

WA UST | **U004139747**
N/A

Relative: Higher

Actual: 21 ft.

UST:

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	1340
Site Id:	318018
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24275
Decimal Longitude:	-122.38252
Tank Name:	1
Tag Number:	A7977
Tank Status:	Operational
Tank Status Date:	12/10/1999
Tank Install Date:	06/01/1996
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	08/05/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	8
Tag Number:	A7977
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	10/06/1992
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	08/05/1998

TAHOMA EXPRESS 4 (Continued) **U004139747**

Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	88
Tag Number:	A7977
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	10/06/1992
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	08/05/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	A
Tag Number:	A7977

TAHOMA EXPRESS 4 (Continued) **U004139747**

Tank Status:	Removed - No Site Assessment Found
Tank Status Date:	06/18/2002
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	B
Tag Number:	A7977
Tank Status:	Removed - No Site Assessment Found
Tank Status Date:	06/18/2002
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

C17 NW < 1/8 0.048 mi. 252 ft. — **UNOCAL #7343**, **3408 PACIFIC HWY**, **TACOMA, WA 98422** — **WA ICR** — **S103510887** / **N/A**

Site 5 of 8 in cluster C

Relative: Higher

Actual: 21 ft.

ICR:

Date Ecology Received Report:	11/02/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-36
County Code:	27
Contact:	Not reported
Report Title:	Not reported

C18 NW < 1/8 0.048 mi. 252 ft. — **SACS MART INC**, **3408 PACIFIC HWY E**, **TACOMA, WA 98424** — **EDR Hist Auto** — **1014533110** / **N/A**

Site 6 of 8 in cluster C

Relative: Higher

Actual: 21 ft.

EDR Hist Auto

Year:	Name:	Type:
1996	SACS MART INC	Convenience Stores
1997	SACS MART INC	Convenience Stores
1998	SACS MART INC	Convenience Stores
1999	SACS MART INC	Convenience Stores
2000	SACS MART INC	Convenience Stores
2001	SACS MART INC	Convenience Stores
2002	SACS MART INC	Convenience Stores
2003	SACS MART INC	Convenience Stores
2004	SACS MART INC	Convenience Stores
2005	SACS MART INC	Convenience Stores
2006	SACS MART INC	Convenience Stores
2007	SACS MART INC	Convenience Stores
2008	SACS MART	Gasoline Service Stations
2009	SACS MART	Gasoline Service Stations
2010	SOHNI FOOD MART SERV STATIONSGA	SERVICE STATIONS - GASOLINE & OIL

C19 NW < 1/8 0.048 mi. 252 ft. — **UNOCAL 7343**, **3408A PACIFIC HWY E**, **FIFE, WA 98424** — **WA ALLSITES**, **WA Financial Assurance** — **S108653766** / **N/A**

Site 7 of 8 in cluster C

Relative: Higher

Actual: 21 ft.

ALLSITES:

Name:	UNOCAL 7343
Facility Id:	4131691

WA Financial Assurance 1:

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018

UNOCAL 7343 (Continued) **S108653766**

Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	06/12/2015
Expiration Date:	07/01/2016
Address 2:	Not reported
Policy Number:	WA641970-2
Effective Date:	06/22/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/01/2016
Expiration Date:	07/01/2017
Address 2:	Not reported
Policy Number:	WA641970-3
Effective Date:	07/01/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	06/06/2017
Expiration Date:	07/01/2018
Address 2:	Not reported
Policy Number:	WA641970-4
Effective Date:	06/06/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	05/31/2018
Expiration Date:	07/01/2019
Address 2:	Not reported
Policy Number:	WA641970-5
Effective Date:	05/31/2018

UNOCAL 7343 (Continued) **S108653766**

Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	06/17/2019
Expiration Date:	07/01/2020
Address 2:	Not reported
Policy Number:	WA641970-6
Effective Date:	06/17/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

C20 **UNOCAL SERVICE STATION 7343** **WA LUST** **1007080786**
NW **3408 PACIFIC HWY E** **WA ALLSITES** **N/A**
< 1/8 **FIFE, WA 98424** **WA CSCSL NFA**
0.048 mi. **WA ASBESTOS**
252 ft. **Site 8 of 8 in cluster C**

Relative:
Higher

Actual:
21 ft.

LUST:

Name:	UNOCAL SERVICE STATION 7343
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	1340
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5015
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	SACS MART,SOHNI FOOD MART,TAHOMA EXPRESS #4,TAHOMA EXPRESS 4,Tribal One Stop Pacific Hwy,VIPS Industries
Response Section:	Southwest
Release Date:	04/04/1990
Lust Date:	08/16/1993
Region:	Southwest
Lust ID:	295
UST ID:	318018
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24275 / -122.38252

ALLSITES:

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Name: UNOCAL SERVICE STATION 7343
Facility Id: 1340

CSCSL NFA:
Name: UNOCAL SERVICE STATION 7343
Address: 3408 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 1340
CS Id: 5015
NFA Date: 08/16/1993
Alternate Site Names: SACS MART,SOHNI FOOD MART,TAHOMA EXPRESS #4,TAHOMA EXPRESS 4,Tribal One Stop Pacific Hwy,VIPS Industries
NFA Reason: NFA-Independent Remedial Action Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24275
Longitude: -122.38252

ASBESTOS:
Name: Not reported
Address: 3408 PACIFIC HWY E
City,State,Zip: FIFE, WA
Facility Type: Not reported
Parent ID: Not reported
Form ID: 72564##1499Ascen725644
Notice Date: 06/10/2013
Start Date: 06/20/2013
Completion Date: 07/31/2013
Initial: Not reported
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: Not reported
Site Hours End: Not reported
Sunday: Not reported
Monday: Not reported
Tuesday: Not reported
Wednesday: Not reported
Thursday: Not reported
Friday: Not reported
Saturday: Not reported
Contractor ID: Not reported
Phone: Not reported
Job Site CAS: Not reported
Project Form Email: Not reported
Property Owner Name: Not reported
Property Owner Agent: Not reported
Property Owner Company: Ascendent LLC (ABCN00001499)

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602142311
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Manuel Ramirez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	72622##1499Ascen149362
Notice Date:	06/11/2013
Start Date:	06/20/2013
Completion Date:	07/31/2013
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Ascendent LLC (ABCN00001499)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602142311
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Manuel Ramirez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

21	**GLACIER MOTEL DRUG BU**	**WA ALLSITES**	**1000199919**
NW	**3401 PACIFIC HWY E**	**WA SPILLS**	**WAD982821266**
< 1/8	**FIFE, WA 98424**	**RCRA NonGen / NLR**	
0.086 mi.		**FINDS**	
453 ft.		**ECHO**	

Relative:
Higher

Actual:
21 ft.

ALLSITES:

Name:	GLACIER MOTEL DRUG BU
Facility Id:	7258421

SPILLS:

Name:	JACK IN THE BOX
Address:	3401 PACIFIC HWY
City,State,Zip:	FIFE, WA
Facility ID:	110325
Medium:	Building/structure
Material Desc:	Sewage/Sludge
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/29/2020
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24349
Longitude:	-122.38296
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	malfunctioning tiolet_Health Dept referral
Cause Type:	Not reported
Resp Party Name:	Jack in the Box

Name:	JACK IN THE BOX
Address:	3401 PACIFIC HWY
City,State,Zip:	FIFE, WA
Facility ID:	110325
Medium:	Not reported
Material Desc:	Not reported
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/29/2020
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24349
Longitude:	-122.38296
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Jack in the Box

GLACIER MOTEL DRUG BU (Continued) **1000199919**

RCRA Listings:

Date Form Received by Agency:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Handler Address:	3401 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982821266
Contact Name:	WA ECY WA ECY
Contact Address:	7272 CLEANWATER LANE MSLU11
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7272 CLEANWATER LANE MSLU11
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

GLACIER MOTEL DRUG BU (Continued) **1000199919**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLACIER MOTEL DRUG BU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1118
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GLACIER MOTEL DRUG BU
Legal Status:	Private
Date Became Current:	Not reported

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1118
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Receive Date:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005348953

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Envid:	1000199919
Registry ID:	110005348953
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005348953
Name:	GLACIER MOTEL DRUG BU
Address:	3401 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

D22 **FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS** **WA ALLSITES** **1004794743**
NNE **3725 PACIFIC HWY E** **RCRA NonGen / NLR** **WAH000004770**
< 1/8 **FIFE, WA 98424** **FINDS**
0.114 mi. **ECHO**
602 ft. **Site 1 of 2 in cluster D** **WA MANIFEST**
WA NPDES

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Facility Id:	72875345

RCRA Listings:

Date Form Received by Agency:	2018-01-22 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Handler Address:	3725 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000004770
Contact Name:	MIKE PORTERFIELD
Contact Address:	3725 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-9315
Contact Fax:	Not reported
Contact Email:	MPORTERFIELD@CITYFOFIFE.ORG
Contact Title:	LEAD MECHANIC
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3725 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	FIFE CITY
Owner Type:	Private
Operator Name:	CITY OF FIFE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-23 12:52:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FIFE CITY
Legal Status: Private
Date Became Current: 1998-04-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3725 PACIFIC HWY E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-9315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FIFE CITY
Legal Status: Municipal
Date Became Current: 1998-04-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3725 PACIFIC HWY E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FIFE CITY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3725 PACIFIC HWY E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-9315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LINDHOLM, STEVE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3725 PACIFIC HWY E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 253-922-9315
Owner/Operator Telephone Ext: Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE VEHICLE DIV DEPT OF PUBLIC WORKS
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE LINDHOLM
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE VEHICLE DIV DEPT OF PUBLIC WORKS
Legal Status:	Private

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Legal Status:	Municipal
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-30 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-02 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-24 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-27 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-18 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-10 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-18 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-14 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-14 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-07 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-30 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-10 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Receive Date:	2015-01-26 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-04-04 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-22 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date:	2012-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005392440

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794743
Registry ID:	110005392440
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005392440

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Not reported
Mail Name:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Site Contact Address 2:	Not reported
Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	FIFE CITY OF
Address:	3725 PACIFIC HWY E -
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Municipal SW Phase II Western WA GP
Admin Region:	Headqarters
Date Issued:	07/01/2019
Latitude:	Not reported
Longitude:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Permit ID:	WAR045007
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	07/31/2024
Effective Date:	08/01/2019
Days to Expiration:	-1479

D23 NNE < 1/8 0.114 mi. 602 ft. | **FIFE CITY STREETWASTE DECANT FACILITY** | **WA SWF/LF** | **S108276715**
3725 PACIFIC HWY E | **N/A**
FIFE, WA 98424

Site 2 of 2 in cluster D

Relative: Higher

Actual: 17 ft.

SWF/LF:

Name:	FIFE CITY STREETWASTE DECANT FACILITY
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	1449
Region:	STATE
Permit Status:	Permitted
Contact Organization:	City of Fife Public Works
Contact Address1:	3725 Pacific Hwy E
Contact Address2:	Not reported
Contact City:	Fife
Contact State:	WA
Contact Postal:	98424
Contact EMail:	kgreen@cityoffife.org
Contact Phone:	(253) 255-5337
Contact Phone Ext:	Not reported
Permit No:	27-720
Phone:	(253) 922-9315
Operator Name:	Not reported
Operator Organization:	City of Fife Public Works
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PUBLIC
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Kenneth Green
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.24362
Longitude:	-122.37841

24 ENE < 1/8 0.122 mi. 646 ft. | **JET AUTO WRECKING 3901 PACIFIC HWY E FIFE, WA 98424** | **WA ALLSITES WA CSCSL NFA** | **S104971969 N/A**

Relative: Lower

Actual: 16 ft.

ALLSITES:

Name:	JET AUTO WRECKING
Facility Id:	18020

CSCSL NFA:

Name:	JET AUTO WRECKING
Address:	3901 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	18020
CS Id:	2004
NFA Date:	01/28/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24295
Longitude:	-122.37698

Name:	JET AUTO WRECKING
Address:	3901 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	18020
CS Id:	2004
NFA Date:	01/28/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24295
Longitude:	-122.37698

E25 SW 1/8-1/4 0.127 mi. 668 ft. | **WESTERN PETERBILT LLC**
3443 20TH ST E
FIFE, WA 98424

Site 1 of 2 in cluster E

WA MANIFEST | **S121931511**
N/A

Relative: Higher

Actual: 22 ft.

WA MANIFEST:

Name:	WESTERN PETERBILT LLC
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 24065
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	GWP Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98124
Legal Phone Number:	(206)624-7383
Legal Effective Date:	09/01/2014
Land Organization Name:	Colco LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3543
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383
Operator Organization Name:	Western Peterbilt LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 24065
Operator Address 2:	Not reported

WESTERN PETERBILT LLC (Continued) **S121931511**

Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(206)624-7383
Operator Effective Date:	06/29/1999
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT LLC
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt LLC

WESTERN PETERBILT LLC (Continued) **S121931511**

Mailing Address:	PO Box 24065
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	GWP Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98124
Legal Phone Number:	(206)624-7383
Legal Effective Date:	09/01/2014
Land Organization Name:	Colco LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3543
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383
Operator Organization Name:	Western Peterbilt LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	2066247383
Operator Effective Date:	06/29/1999
Site Contact:	Troy Linnell
Site Contact Address:	3443 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	2539227922
Site Contact Email:	tlinnell@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

E26 **WESTERN PETERBILT LLC** **WA ALLSITES** **1001600501**
SW **3443 20TH ST E** **RCRA NonGen / NLR** **WAH000008912**
1/8-1/4 **FIFE, WA 98424** **FINDS**
0.127 mi. **ECHO**
668 ft. **Site 2 of 2 in cluster E** **WA MANIFEST**

Relative: ALLSITES:
Higher Name: WESTERN PETERBILT INC 20TH ST E
Actual: Facility Id: 71198179
22 ft.

WESTERN PETERBILT LLC (Continued) **1001600501**

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	WESTERN PETERBILT LLC
Handler Address:	3443 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000008912
Contact Name:	TIM BEEBE
Contact Address:	PO BOX 24065
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	206-402-7102
Contact Fax:	Not reported
Contact Email:	TBEEBE@WTPE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 24065
Mailing City,State,Zip:	SEATTLE, WA 98124
Owner Name:	GWP HOLDINGS LLC
Owner Type:	Private
Operator Name:	WESTERN PETERBILT LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:10:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D006
Waste Description: CADMIUM

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	2
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES C
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	2
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1719
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLCO LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3543
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GWP HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2014-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON M
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GWP HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2014-09-01 00:00:00.

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1719
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLCO LLC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3543
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT LLC
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-11 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-07 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-25 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-06-29 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

WESTERN PETERBILT LLC (Continued) **1001600501**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-07-05 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-30 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-24 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-11 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-06 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-07 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-02 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Receive Date:	2008-03-03 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-02 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-10 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-11 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-25 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-20 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-03-27 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-20 00:00:00.0
Handler Name:	WESTERN PETERBILT LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-27 00:00:00.0
Handler Name:	WESTERN PETERBILT LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E

WESTERN PETERBILT LLC (Continued) **1001600501**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

NAICS Code:	441110
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2002-03-12 00:00:00.0
Actual Return to Compliance Date: 2003-12-31 00:00:00.0
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: 2002-08-06 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2002-03-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADES
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-12-31 00:00:00.0
Scheduled Compliance Date:	2002-08-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005395688

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

WESTERN PETERBILT LLC (Continued) **1001600501**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600501
Registry ID:	110005395688
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005395688
Name:	WESTERN PETERBILT LLC
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Stanley Steele
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922-7922
Operator Effective Date:	06/29/1999
Site Contact:	Stanley Steele
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 922-7922
Site Contact Email:	ssteele@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Stanley Steele
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922-7922
Operator Effective Date:	06/29/1999
Site Contact:	Stanley Steele
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 922-7922
Site Contact Email:	ssteele@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E

WESTERN PETERBILT LLC (Continued) **1001600501**

City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Vanda Moore
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922 1719
Operator Effective Date:	06/29/1999
Site Contact:	Vanda Moore
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 253 1719

WESTERN PETERBILT LLC (Continued) **1001600501**

Site Contact Email:	vmoore@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Vanda Moore
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922 1719
Operator Effective Date:	06/29/1999
Site Contact:	Vanda Moore
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 253 1719
Site Contact Email:	vmoore@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Ron L Molnar
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Ron L Molnar
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	smiller@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		WESTERN PETERBILT INC 20TH ST E
Address:		3443 20TH ST E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		71198179
EPA ID:		WAH000008912
NAICS:		441110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D006	
Form Comm:		Not reported
Data Year:		2010
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Industrial Furnace
LN Address 2:		Not reported
Tax Reg #:		600471845
Business Type:		Not reported
Mail Name:		Western Peterbilt Inc
Mailing Address:		3443 20TH ST E
Mailing City,State,Zip:		FIFE, WA 98424
Legal Organization Name:		Western Peterbilt Inc 20th St E
Legal Organization Type:		Private
Legal Contact:		James Coles
Legal Address:		PO Box 24065
Legal Address 2:		Not reported
Legal City,State,Zip:		SEATTLE, WA 98124
Legal Phone Number:		(206)624-7383 2246
Legal Effective Date:		06/29/1999
Land Organization Name:		Western Peterbilt Inc 20th St E
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		PO Box 24065
Land City,State,Zip:		SEATTLE, WA 98124
Land Phone Number:		(206)624-7383 2246
Operator Organization Name:		Western Peterbilt Inc 20th St E
Operator Organization Type:		Private
Operator:		Ron L Molnar
Operator Address:		PO Box 24065
Operator Address 2:		Not reported
Operator City,State,Zip:		SEATTLE, WA 98124

WESTERN PETERBILT LLC (Continued) **1001600501**

Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Ron L Molnar
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	smiller@westernpeterbilt.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E

WESTERN PETERBILT LLC (Continued) **1001600501**

Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Shelby W Miller II
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	smiller@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Jw Ellis III
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F

WESTERN PETERBILT LLC (Continued) **1001600501**

Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246

WESTERN PETERBILT LLC (Continued) **1001600501**

Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Jw Ellis III
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Jw Ellis III
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

27
East
1/8-1/4
0.140 mi.
741 ft.

LEXUS OF FIFE PARKING LOT EXPANSION
3914 PACIFIC HWY E
FIFE, WA 98424

WA ALLSITES

S118820827
N/A

Relative:
Lower

Actual:
16 ft.

ALLSITES:

Name:	LEXUS OF FIFE PARKING LOT EXPANSION
Facility Id:	11803

28
South
1/8-1/4
0.143 mi.
753 ft.

PAPE MACHINERY TACOMA
3607 20TH ST E
TACOMA, WA 98424

WA UST
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST
WA NPDES

1001969539
WAD988492922

Relative:
Higher

Actual:
17 ft.

UST:

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	72626264
Site Id:	2926
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238927
Decimal Longitude:	-122.383449
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA

PAPE MACHINERY TACOMA (Continued) **1001969539**

Zip:	98424
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424
Tank Name:	3
Tag Number:	Not reported
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: PAPE MACHINERY TACOMA
Facility Id: 72626264

RCRA Listings:

Date Form Received by Agency:	2007-03-29 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Handler Address:	3607 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988492922
Contact Name:	CHANDA ROSALES
Contact Address:	355 GOODPASTURE ISALND RD.
Contact City,State,Zip:	EUGENE, OR 97401
Contact Telephone:	541-681-5386
Contact Fax:	Not reported
Contact Email:	CROSALES@PAPE.COM
Contact Title:	ASSISTANT PROPERTY MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	PAPE' MACHINERY
Owner Type:	Private
Operator Name:	PAPE' MACHINERY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:25:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	355 GOODPASTURE ISLAND RD
Owner/Operator City,State,Zip:	EUGENE, OR 97401
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE GROUP
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	355 GOODPASTURE ISLAND RD
Owner/Operator City,State,Zip:	EUGENE, OR 97401
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY P
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY P
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-28 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-29 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-02 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-05 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-11 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-24 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-13 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA

PAPE MACHINERY TACOMA (Continued) **1001969539**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-18 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-16 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-28 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SMITH TRACTOR & EQUIPMENT CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SMITH TRACTOR & EQUIPMENT CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42181
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT WHOLESALERS
NAICS Code:	42182
NAICS Description:	FARM AND GARDEN MACHINERY AND EQUIPMENT WHOLESALERS
NAICS Code:	42381
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005365666

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

PAPE MACHINERY TACOMA (Continued) **1001969539**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969539
Registry ID:	110005365666
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005365666
Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	72626264
EPA ID:	WAD988492922
NAICS:	42381
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

LN Address 2:	Not reported
Tax Reg #:	278049810
Business Type:	dealership
Mail Name:	Pape' Machinery
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Pape' Machinery
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3607 20TH ST E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	5416835073
Legal Effective Date:	04/01/2002
Land Organization Name:	Smith Real Estate Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 778
Land City,State,Zip:	KENT, WA 98035
Land Phone Number:	2533909255
Operator Organization Name:	Pape' Machinery
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3607 20th St. E.
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8718
Operator Effective Date:	04/01/2002
Site Contact:	Larry Phillips
Site Contact Address:	3607 20th St. E.
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8718
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	72626264
EPA ID:	WAD988492922

PAPE MACHINERY TACOMA (Continued) **1001969539**

NAICS:	42381
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278049810
Business Type:	dealership
Mail Name:	Pape' Machinery
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Pape' Machinery
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3607 20th St. E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	5416835073
Legal Effective Date:	04/01/2002
Land Organization Name:	Smith Real Estate Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 778
Land City,State,Zip:	KENT, WA 98035
Land Phone Number:	2533909255
Operator Organization Name:	Pape' Machinery
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3607 20th St. E.
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8718
Operator Effective Date:	04/01/2002
Site Contact:	Larry Phillips
Site Contact Address:	3607 20th St. E.
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8718
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE

PAPE MACHINERY TACOMA (Continued) **1001969539**

One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E -
City,State,Zip:	TACOMA, WA 98424
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23892699
Longitude:	-122.383449
Permit ID:	WAR005635
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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29 **GERBER COLLISION & GLASS** **WA ALLSITES** **1001969749**
SSE **3701 20TH ST SE** **RCRA NonGen / NLR** **WAH000011130**
1/8-1/4 **FIFE, WA 98424** **FINDS**
0.147 mi. **ECHO**
774 ft. **WA MANIFEST**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	GERBER COLLISION & GLASS FIFE
Facility Id:	96399117

RCRA Listings:

Date Form Received by Agency:	2007-01-19 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Handler Address:	3701 20TH ST SE
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000011130
Contact Name:	CHAD HAVERLOCK
Contact Address:	3701 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-377-9851
Contact Fax:	Not reported
Contact Email:	CHAVERLO@GERBERCOLLISION.COM

GERBER COLLISION & GLASS (Continued) **1001969749**

Contact Title:	GENERAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	AWC SERVICE COLLISION CENTER
Owner Type:	Private
Operator Name:	GERBER COLLISION GLASS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:13:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GERBER COLLISION & GLASS (Continued) **1001969749**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST SE
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION & GLASS
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private

GERBER COLLISION & GLASS (Continued) **1001969749**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COL A
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISIO G
Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private

GERBER COLLISION & GLASS (Continued) **1001969749**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-18 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-19 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-23 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-22 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-03 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-15 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-18 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-10-23 00:00:00.0
Actual Return to Compliance Date:	2004-04-05 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-10-23 00:00:00.0
Enforcement Responsible Agency:	State

GERBER COLLISION & GLASS (Continued) **1001969749**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-10-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-04-05 00:00:00.0
Scheduled Compliance Date:	2002-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005397301

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a

GERBER COLLISION & GLASS (Continued) **1001969749**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969749
Registry ID:	110005397301
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005397301
Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96399117
EPA ID:	WAH000011130
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003 F005 D001 D005
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602149199
Business Type:	Collision Repair
Mail Name:	Gerber Collision & Glass
Mailing Address:	3701 20th St E

GERBER COLLISION & GLASS (Continued) **1001969749**

Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	AWC Service Collision Center
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3701 20th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-0540
Legal Effective Date:	10/01/2001
Land Organization Name:	Gerber Collision & Glass
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3701 20th St E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)896-1700
Operator Organization Name:	Gerber Collision & Glass
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3701 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-1700
Operator Effective Date:	03/23/2000
Site Contact:	Chad Haverlock
Site Contact Address:	3701 20th St E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)377-9854
Site Contact Email:	chaverlo@gerbercollision.com
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96399117
EPA ID:	WAH000011130
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003 F005 D001 D005
Form Comm:	Not reported
Data Year:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602149199
Business Type:	Collision Repair
Mail Name:	Gerber Collision & Glass
Mailing Address:	3701 20th St E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	AWC Service Collision Center
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3701 20th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-0540
Legal Effective Date:	10/01/2001
Land Organization Name:	Gerber Collision & Glass
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3701 20th St E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)896-1700
Operator Organization Name:	Gerber Collision & Glass
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3701 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-1700
Operator Effective Date:	03/23/2000
Site Contact:	Chad Haverlock
Site Contact Address:	3701 20th St E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)377-9854
Site Contact Email:	chaverlock@gerbercollision.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

F30
WNW
1/8-1/4
0.155 mi.
816 ft.

H&H NORTHWEST COMPANIES VACANT PROPERTY
3309 PACIFIC AVE E
FIFE, WA 98424

WA CSCSL **S125410148**
WA ALLSITES **N/A**

Site 1 of 8 in cluster F

Relative:
Higher

Actual:
21 ft.

CSCSL:

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Solvents
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Mercury
Alternate Site Names:	7-ELEVEN #38722H

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Methyl tertiary-butyl ether
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Facility Id:	32616

31 NNW 1/8-1/4 0.158 mi. 835 ft. | **KEY BANK 1323 34TH AVE E FIFE, WA 98424** | **WA CSCSL WA ALLSITES RCRA NonGen / NLR FINDS ECHO** | **1000223632 WAD982654758**

Relative: Higher

Actual: 18 ft.

CSCSL:

Name:	TACOMA POWER MINERAL OIL SPILL
Address:	1323 34TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	4888443
Region:	Southwest
Lat/Long:	47.24466 / -122.3831
Clean Up Siteid:	15216
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Key Bank
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	KEY BANK
Facility Id:	4888443

RCRA Listings:

Date Form Received by Agency:	1997-06-07 00:00:00.0
Handler Name:	KEY BANK
Handler Address:	1323 34TH AVE E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982654758
Contact Name:	JOHN THORNBERG
Contact Address:	1323 34TH AVE E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-552-5066
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1323 34TH AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	KEY BANK

KEY BANK (Continued) **1000223632**

Owner Type:	Private
Operator Name:	KEY BANK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

KEY BANK (Continued) **1000223632**

Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported

KEY BANK (Continued) **1000223632**

Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK K
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK

KEY BANK (Continued) **1000223632**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

KEY BANK (Continued) **1000223632**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-07 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	52211
NAICS Description:	COMMERCIAL BANKING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

KEY BANK (Continued) **1000223632**

FINDS:
Registry ID: 110005346401

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000223632
Registry ID: 110005346401
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005346401
Name: KEY BANK
Address: 1323 34TH AVE E
City,State,Zip: FIFE, WA 98424

F32 **TEXACO STATION 121109** **WA CSCSL** **1000474210**
WNW **3251 PACIFIC HWY S** **WA LUST** **N/A**
1/8-1/4 **FIFE, WA 98424** **WA ALLSITES**
0.167 mi. **FINDS**
883 ft. **Site 2 of 8 in cluster F** **ECHO**
WA MANIFEST

Relative:
Higher

Actual:
19 ft.

CSCSL:
Name: TEXACO 63-232-0143
Address: 3251 PACIFIC HWY S
City,State,Zip: FIFE, WA 98424
Facility ID: 77832375
Region: Southwest
Lat/Long: 47.243479283943 / -122.3852527615
Clean Up Siteid: 10499
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: JACKSONS 640,PORT OF TACOMA SHELL FOOD MART,Texaco 632320143,TEXACO STATION 121109,TEXACO STATION 3251 PACIFIC HWY S
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: TEXACO 63-232-0143
Address: 3251 PACIFIC HWY S

TEXACO STATION 121109 (Continued) **1000474210**

City,State,Zip:	FIFE, WA 98424
Facility ID:	77832375
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	10499
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	JACKSONS 640,PORT OF TACOMA SHELL FOOD MART,Texaco 632320143,TEXACO STATION 121109,TEXACO STATION 3251 PACIFIC HWY S
Response Section:	Southwest
Release Date:	12/18/1990
Lust Date:	01/16/2001
Region:	Southwest
Lust ID:	4783
UST ID:	423934
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2434792 / -122.38525

ALLSITES:

Name:	TEXACO STATION 121109
Facility Id:	77832375

FINDS:

Registry ID: 110005358512

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000474210
Registry ID:	110005358512
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358512
Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424

TEXACO STATION 121109 (Continued) **1000474210**

WA MANIFEST:

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	2015 - XQG. Shell waste generation activities have ceased at site; EPA ID number may be inactivated.
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	20945 South Wilmington Avenue
Mailing City,State,Zip:	Carson, CA 90810
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	20945 South Wilmington Avenue
Legal Address 2:	Not reported
Legal City,State,Zip:	Carson, CA 90810
Legal Phone Number:	815-468-8824
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	20945 South Wilmington Avenue
Land City,State,Zip:	Carson, CA 90810
Land Phone Number:	815-468-8824
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	20945 South Wilmington Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Carson, CA 90810
Operator Phone Number:	815-468-8824
Operator Effective Date:	08/27/1996

TEXACO STATION 121109 (Continued) **1000474210**

Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	adam.estes@ghd.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

TEXACO STATION 121109 (Continued) **1000474210**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	aestes@CRAworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	aestes@CRAworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

TEXACO STATION 121109 (Continued) **1000474210**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D002	
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private

TEXACO STATION 121109 (Continued) **1000474210**

Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	713-241-17008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	DECON WATER
CORb Sequence Number:	138035
Sequence Number:	2673701
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	459
Quanity Unit:	LB
Kilograms Quanity:	208.202403
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	1392990
Shipment Date:	2012-01-17 00:00:00

TEXACO STATION 121109 (Continued) **1000474210**

Mainfest Document ID:	000045640DAT
Reported Quanity:	459
Unit of Measure:	LB
Kilograms Quanity:	208.202403
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	673734
Received EPAID:	WAD991281767
Managed Quanity:	459
Kilogram Quanity:	208.202403
Recycled Percentage:	0
Waste Management System Code:	H111

Waste Stream EPA Code:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	5963766
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	1
WCDD Code:	G32

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA FOR 2011.
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O Box 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	713-241-17008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178

TEXACO STATION 121109 (Continued) **1000474210**

NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O Box 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False

TEXACO STATION 121109 (Continued) **1000474210**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

TEXACO STATION 121109 (Continued) **1000474210**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D018
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

TEXACO STATION 121109 (Continued) **1000474210**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

TEXACO STATION 121109 (Continued) **1000474210**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSATE - GASOLINE
CORb Sequence Number:	118279
Sequence Number:	2004283
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1376.0999999999999
Quanity Unit:	LB
Kilograms Quanity:	624.19897073622235
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	955894
Shipment Date:	10/6/2008
Mainfest Document ID:	004304595JJK
Reported Quanity:	1376.1
Unit of Measure:	LB
Kilograms Quanity:	624.198970736222
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	488253
Received EPAID:	WAD991281767
Managed Quanity:	1376.0999999999999
Kilogram Quanity:	624.19897073622235
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Stream EPA Code:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	4288771
WCDA Code:	D018
Waste Sequence Number:	2004283
Sequence Number:	4288770
WCDA Code:	D001

TEXACO STATION 121109 (Continued) **1000474210**

Waste Stream Source Code:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	1
WCDD Code:	G13

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	2818742224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	2818742224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private

TEXACO STATION 121109 (Continued) **1000474210**

Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F07
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2238
Operator Effective Date:	08/27/1996
Site Contact:	DON F WISDOM
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2238
Site Contact Email:	DON.F.WISDOM@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	300F07

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	2818742224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	2818742224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	300F08

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

F33 WNW 1/8-1/4 0.167 mi. 883 ft. | **TEXACO #63 232 0143 (TWO REPORTS)**
3251 PACIFIC HWY E.
FIFE, WA 98424

Site 3 of 8 in cluster F

WA ICR | **S103503789**
N/A

Relative: Higher

Actual: 19 ft.

ICR:

Date Ecology Received Report:	10/23/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-01
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/08/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/26/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/21/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-09
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/15/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-11
County Code:	27

TEXACO #63 232 0143 (TWO REPORTS) (Continued) **S103503789**

Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	11/25/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-14
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	12/20/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/13/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-27
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/21/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-18
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/09/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-39
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Second Quarter 2001

TEXACO #63 232 0143 (TWO REPORTS) (Continued) **S103503789**

Date Ecology Received Report:	01/16/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Fourth Quarter 2000
Date Ecology Received Report:	03/11/02

F34 **TEXACO STATION 121109** **RCRA NonGen / NLR** **1015751783**
WNW **3251 PACIFIC HWY S** **WAD988483178**
1/8-1/4 **FIFE, WA 98424**
0.167 mi.
883 ft. **Site 4 of 8 in cluster F**

Relative:
Higher

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2016-02-16 00:00:00.0
Handler Name:	TEXACO STATION 121109
Handler Address:	3251 PACIFIC HWY S
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988483178
Contact Name:	ADAM ESTES
Contact Address:	6520 CORPORATE DRIVE
Contact City,State,Zip:	INDIANAPOLIS, IN 46278
Contact Telephone:	317-291-7068
Contact Fax:	Not reported
Contact Email:	ADAM.ESTES@GHD.COM
Contact Title:	RMC
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	20945 SOUTH WILMINGTON AVENUE
Mailing City,State,Zip:	CARSON, WA 90810
Owner Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Owner Type:	Private
Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

TEXACO STATION 121109 (Continued) **1015751783**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 18:03:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

TEXACO STATION 121109 (Continued) **1015751783**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: 1998-08-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 2099
Owner/Operator City,State,Zip: HOUSTON, TX 77252-2099
Owner/Operator Telephone: 281-874-2247
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 3127
Owner/Operator City,State,Zip: HOUSTON, TX 77252
Owner/Operator Telephone: 281-874-2247
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TEXACO STATION 121109
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3251 PACIFIC HWY S
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TEXACO STATION 121109
Legal Status: Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099 NOB300G03
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77253
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2238
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77253
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2238
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77253
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-27 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TEXACO STATION 121109 (Continued) **1015751783**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-03 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-02 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-08-06 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TEXACO STATION 121109 (Continued) **1015751783**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-16 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-04 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-28 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-02 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109

TEXACO STATION 121109 (Continued) **1015751783**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-07 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-02 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-25 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TEXACO STATION 121109 (Continued) **1015751783**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-10-21 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-27 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Receive Date:	2007-03-15 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-05 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-20 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-27 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-15 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TEXACO STATION 121109 (Continued) **1015751783**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-08-05 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-11-30 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-03 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-19 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TEXACO STATION 121109 (Continued) **1015751783**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-03-17 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-18 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-15 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	TEXACO STATION 121109

TEXACO STATION 121109 (Continued) **1015751783**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

F35 **PORT OF TACOMA SHELL FOOD MART** **WA UST** **U003354455**
WNW **3251 PACIFIC HWY 99 NE** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.167 mi.
883 ft. **Site 5 of 8 in cluster F**

Relative:
Higher

Actual:
19 ft.

UST:

Name:	PORT OF TACOMA SHELL FOOD MART
Address:	3251 PACIFIC HWY 99 NE
City:	FIFE
Zip:	98424
Facility ID:	77832375
Site Id:	423934
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2434792839433
Decimal Longitude:	-122.38525276158

PORT OF TACOMA SHELL FOOD MART (Continued) **U003354455**

Tank Name:	1
Tag Number:	A0527
Tank Status:	Operational
Tank Status Date:	08/21/1997
Tank Install Date:	01/01/1984
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/31/2020
Tank Upgrade Date:	06/23/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	PORT OF TACOMA SHELL FOOD MART
Address:	3251 PACIFIC HWY 99 NE
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	A0527
Tank Status:	Operational
Tank Status Date:	08/21/1997
Tank Install Date:	01/01/1984
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/31/2020
Tank Upgrade Date:	06/23/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

PORT OF TACOMA SHELL FOOD MART (Continued) **U003354455**

Dispencer/Pump SFC Type: Sump

Name: PORT OF TACOMA SHELL FOOD MART
Address: 3251 PACIFIC HWY 99 NE
City: FIFE
Zip: 98424

Tank Name: 3
Tag Number: A0527
Tank Status: Operational
Tank Status Date: 08/21/1997
Tank Install Date: 01/01/1984
Tank Closure Date: Not reported
Capacity Range: 10,000 to 19,999 Gallons
Tank Permit Expiration Date: 07/31/2020
Tank Upgrade Date: 06/23/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Automatic Tank Gauging
Tank SFC Type: Sump
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection: Annual Line Tightness Test (LTT)
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Sump

Name: PORT OF TACOMA SHELL FOOD MART
Address: 3251 PACIFIC HWY 99 NE
City: FIFE
Zip: 98424

Tank Name: 4
Tag Number: A0527
Tank Status: Operational
Tank Status Date: 08/21/1997
Tank Install Date: 01/01/1984
Tank Closure Date: Not reported
Capacity Range: 10,000 to 19,999 Gallons
Tank Permit Expiration Date: 07/31/2020
Tank Upgrade Date: 06/23/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Automatic Tank Gauging
Tank SFC Type: Sump

PORT OF TACOMA SHELL FOOD MART (Continued) **U003354455**

Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

F36 **TEXACO 63-232-0143** **WA VCP** **S124435956**
WNW **3251 PACIFIC HWY S** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.167 mi.
883 ft. **Site 6 of 8 in cluster F**

Relative:
Higher

Actual:
19 ft.

VCP:

Name:	TEXACO 63-232-0143
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	77832375
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	10499
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

G37 **CAPPA PROPERTY** **WA VCP** **S124432866**
SE **3801 20TH ST E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.173 mi.
912 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17456541
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4530

CAPPA PROPERTY (Continued) **S124432866**

Contaminant Name: Arsenic
Soil: Confirmed Above Cleanup Levels

Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 17456541
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 4530
Contaminant Name: Metals Priority Pollutants
Soil: Remediated

Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 17456541
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 4530
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated

G38 **BREMERTON TACOMA STAGES INC** **WA CSCSL** **1007073059**
SE **3801 20TH AVE E** **WA UST** **N/A**
1/8-1/4 **FIFE, WA 98424** **WA ALLSITES**
0.173 mi. **FINDS**
912 ft. **Site 2 of 2 in cluster G**

Relative: Higher

Actual: 17 ft.

CSCSL:
Name: CAPPA PROPERTY
Address: 3801 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 17456541
Region: Southwest
Lat/Long: 47.23871 / -122.37707
Clean Up Siteid: 4530
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank: Not reported
Has Institutional Control: Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	17456541
Region:	Southwest
Lat/Long:	47.23871 / -122.37707
Clean Up Siteid:	4530
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	17456541
Region:	Southwest
Lat/Long:	47.23871 / -122.37707
Clean Up Siteid:	4530
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	BREMERTON TACOMA STAGES INC
Address:	3801 20TH AVE E

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

City:	FIFE
Zip:	98424
Facility ID:	29574255
Site Id:	8286
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238701
Decimal Longitude:	-122.378853

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1985
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BREMERTON TACOMA STAGES INC
Address:	3801 20TH AVE E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BREMERTON TACOMA STAGES INC
Facility Id:	29574255
Name:	CAPPA PROPERTY
Facility Id:	17456541

FINDS:

Registry ID: 110015496907

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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39 **I-5 SB PORT OF TACOMA RD** **WA CSCSL** **S123790152**
West **WA ALLSITES** **N/A**
1/8-1/4 **, WA**
0.174 mi.
917 ft.

Relative:
Higher

Actual:
33 ft.

CSCSL:

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	I-5 SB PORT OF TACOMA RD
Facility Id:	70333

40
North
1/8-1/4
0.184 mi.
969 ft.

Relative:
Lower

Actual:
16 ft.

ABRA AUTO BODY AND GLASS FIFE
3909 PACIFIC HWY E
TACOMA, WA 98424

WA UST
WA ALLSITES
RCRA NonGen / NLR
FINDS
CA HAZNET
WA MANIFEST

1000891883
WA0000188706

UST:

Name:	JET TRUCK PARTS INC
Address:	3909 PACIFIC HY EAST
City:	TACOMA
Zip:	98424
Facility ID:	52994962
Site Id:	7083
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24288
Decimal Longitude:	-122.37583
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TNT AUTOBODY & PAINT
Facility Id:	52994962

RCRA Listings:

Date Form Received by Agency:	2019-10-08 00:00:00.0
Handler Name:	CALIBER COLLISION CENTER FIFE 2907
Handler Address:	3909 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WA0000188706
Contact Name:	LORI EATON
Contact Address:	2941 LAKE VISTA

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Contact City,State,Zip:	LEWISVILLE, TX 75067
Contact Telephone:	469-948-9500
Contact Fax:	Not reported
Contact Email:	LICENSEANDPERMITS@CALIBERCOLLISION.COM
Contact Title:	INTEGRATION LICENSING COORDINATOR
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2941 LAKE VISTA
Mailing City,State,Zip:	LEWISVILLE, TX 75067
Owner Name:	CALIBER HOLDINGS CORPORATION
Owner Type:	Private
Operator Name:	CALIBER HOLDINGS CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-11-21 12:03:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Owner

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT INC
Legal Status:	Private
Date Became Current:	2001-02-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKWY
Owner/Operator City,State,Zip:	BROOKLYN CENTER, MN 55430
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER HOLDINGS CORPORATION
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063-4092
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYST E
Legal Status:	Private
Date Became Current:	1996-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT INC
Legal Status:	Private
Date Became Current:	2001-02-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN FAMILY PROPERTIES
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKWY
Owner/Operator City,State,Zip:	BOOKLYN CENTER, MN 55430
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIBER HOLDINGS CORPORATION
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA AUTO BODY GLASS, LP
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COL S
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Name:	ABRA AUTO BODY GLASS, LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-05-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-05-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Electronic Manifest Broker:	Not reported
Receive Date:	1999-02-22 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-01-07 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-08 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-06-27 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-17 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-13 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-17 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-28 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-07 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-10-08 00:00:00.0
Handler Name:	CALIBER COLLISION CENTER FIFE 2907
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

List of NAICS Codes and Descriptions:

NAICS Code:	811112
NAICS Description:	AUTOMOTIVE EXHAUST SYSTEM REPAIR
NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005303992

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:
Name: TNT AUTOBODY & PAINT
Address: 3909 PACIFIC HWY E
Address 2: Not reported
City,State,Zip: FIFE, WA 98424
Contact: TAMMI HATCHER
Telephone: 2539222996
Mailing Name: Not reported
Mailing Address: 3909 PACIFIC HWY E

Year: 2002
Gepaid: WA0000188706
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: D99 - Disposal, Other
Tons: 0.1815

Additional Info:
Year: 2002
Gen EPA ID: WA0000188706

Shipment Date: 20020627
Creation Date: 9/18/2002 18:32:45
Receipt Date: 20020703
Manifest ID: 21293581
Trans EPA ID: WAH000012450
Trans Name: Not reported
Trans 2 EPA ID: CAT000624247
Trans 2 Name: Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3909 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	(763)585-6253

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Legal Effective Date:	05/14/2013
Land Organization Name:	Hensrude, Scott and Christy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	(425)478-9949
Operator Organization Name:	ABRA Auto Body & Glass, LP
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	(763)585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D008,D018,D035,D039,D040,F001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	16120 Foster St
Mailing City,State,Zip:	Overland Park, KS 66085
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Auto Body & Glass, LP
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Site Contact Address 2:	Not reported
Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D035,D039,F003,F005,D040
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	16120 Foster St
Mailing City,State,Zip:	Overland Park, KS 66085
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D018,D035,D039,D040,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D035,F001,F003
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001D005D035F001F003
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Zesiger
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

H41 **PM TESTING LAB INC PACIFIC HWY** **RCRA-LQG** **1001234205**
ENE **3921 PACIFIC HWY E** **WA ALLSITES** **WAH000006213**
1/8-1/4 **TACOMA, WA 98424** **WA CSCSL NFA**
0.191 mi. **FINDS**
1006 ft. **Site 1 of 2 in cluster H** **ECHO**
WA MANIFEST

Relative:
Lower

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Handler Address:	3921 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAH000006213
Contact Name:	MATHEW HAGER
Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1321 117
Contact Fax:	Not reported
Contact Email:	MATH@PM-TESTING.COM
Contact Title:	EHS & FACILITIES MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mailing Address:	3921 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	MURPHIE, PATRICK
Owner Type:	Private
Operator Name:	WALDEN, SKYLER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D010
Waste Description:	SELENIUM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Code: D011
Waste Description: SILVER

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F019
Waste Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Owner

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
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Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
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Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
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Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALDEN, GERALD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALDEN, GERALD
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
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Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALDEN, SKYLER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-17 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-18 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-07 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-12 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-09 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-06 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-05-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-20 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-24 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-07-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-25 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receive Date:	2013-03-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-17 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-18 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-23 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-07 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
NAICS Code:	54199
NAICS Description:	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
NAICS Code:	541990
NAICS Description:	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	2019-04-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2004-03-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-03-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	2011-05-19 00:00:00.0
Actual Return to Compliance Date:	2011-06-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-07-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-06-20 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2013-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Large Quantity Handlers
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Evaluation Action Summary:

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2019-04-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-03-03 00:00:00.0
Scheduled Compliance Date:	2004-03-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-15 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	2006-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-28 00:00:00.0
Scheduled Compliance Date:	2011-07-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-03-12 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	2008-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2008-02-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-12-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-12-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-03-20 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-09-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-26 00:00:00.0
Scheduled Compliance Date:	2003-11-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	PM TESTING LAB INC PACIFIC HWY
Facility Id:	98132319

CSCSL NFA:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	98132319
CS Id:	2761
NFA Date:	11/14/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242777
Longitude:	-122.375554

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Facility/Site Id:	98132319
CS Id:	2761
NFA Date:	11/14/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242777
Longitude:	-122.375554

FINDS:
Registry ID: 110005393458

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001234205
Registry ID:	110005393458
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005393458
Name:	PM TESTING LABORATORY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	332813
State Waste Code Desc:	WT01,WT02

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D011,D035,F002,F003,F005,F019
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Murphie, Patrick
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Walden, Gerald
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Walden, Skyler
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490317
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490318
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	164402
Sequence Number:	3490319
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11165
Quanity Unit:	GAL
Kilograms Quanity:	63397.2479
Density Number:	1.5
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	164402
Sequence Number:	3490320
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8700
Quanity Unit:	LB
Kilograms Quanity:	3946.32006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Filter Dust and Debris
CORb Sequence Number:	164402

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	3490321
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1750
Quanity Unit:	LB
Kilograms Quanity:	793.800013
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Paint Waste
CORb Sequence Number:	164402
Sequence Number:	3490322
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	5996.19290
Density Number:	1.2
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	164402
Sequence Number:	3490323
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3520
Quanity Unit:	GAL
Kilograms Quanity:	13324.8731
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	164402
Sequence Number:	3490324
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	7328.68021
Density Number:	1.10000000
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Shop Rags and PPE with Solvents
CORb Sequence Number:	164402
Sequence Number:	3490325
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4405
Quanity Unit:	LB
Kilograms Quanity:	1998.10803
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	164402
Sequence Number:	3490326
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	164402
Sequence Number:	3490327
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2585
Quanity Unit:	LB
Kilograms Quanity:	1172.55602
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	2088305
Shipment Date:	2017-01-11 00:00:00
Mainfest Document ID:	016544020JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088306
Shipment Date:	2017-01-25 00:00:00
Mainfest Document ID:	016544023JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088307
Shipment Date:	2017-02-08 00:00:00
Mainfest Document ID:	016544029JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2088308
Shipment Date:	2017-02-22 00:00:00
Mainfest Document ID:	016544032JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088309
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544035JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088310
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544039JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088311
Shipment Date:	2017-03-22 00:00:00
Mainfest Document ID:	016544046JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088312
Shipment Date:	2017-04-10 00:00:00
Mainfest Document ID:	016544049JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088313
Shipment Date:	2017-04-19 00:00:00
Mainfest Document ID:	016544050JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088314
Shipment Date:	2017-05-05 00:00:00
Mainfest Document ID:	016544057JJK

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088315
Shipment Date:	2017-05-17 00:00:00
Mainfest Document ID:	016544061JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	952084
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490318
Sequence Number:	952085
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490319
Sequence Number:	952086
Received EPAID:	IDD073114654
Managed Quanity:	11165
Kilogram Quanity:	63397.2479
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490324
Sequence Number:	952091
Received EPAID:	IDD073114654
Managed Quanity:	1760
Kilogram Quanity:	7328.68021
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490325
Sequence Number:	952092
Received EPAID:	IND000646943
Managed Quanity:	4405
Kilogram Quanity:	1998.10803
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3490326

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 952093
Received EPAID: IDD073114654
Managed Quanity: 1250
Kilogram Quanity: 567.000009
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490327
Sequence Number: 952094
Received EPAID: IDD073114654
Managed Quanity: 2585
Kilogram Quanity: 1172.55602
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490332
Sequence Number: 952099
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 56.7821297
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490320
Sequence Number: 952087
Received EPAID: IDD073114654
Managed Quanity: 8700
Kilogram Quanity: 3946.32006
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490321
Sequence Number: 952088
Received EPAID: IDD073114654
Managed Quanity: 1750
Kilogram Quanity: 793.800013
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490322
Sequence Number: 952089
Received EPAID: KSD980633259
Managed Quanity: 1320
Kilogram Quanity: 5996.19290
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 164402
Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490317
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490318
Sequence Number: 1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Comments: G09 Parts cleaning and paint cleanup
Waste Sequence Number: 3490325
Sequence Number: 1

Comments: A-7 General parts cleaning
Waste Sequence Number: 3490328
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 8189937
WCDA Code: D007

Waste Sequence Number: 3490317
Sequence Number: 8189938
WCDA Code: F019

Waste Sequence Number: 3490318
Sequence Number: 8189939
WCDA Code: D007

Waste Sequence Number: 3490318
Sequence Number: 8189940
WCDA Code: F019

Waste Sequence Number: 3490319
Sequence Number: 8189941
WCDA Code: D007

Waste Sequence Number: 3490319
Sequence Number: 8189942
WCDA Code: F019

Waste Sequence Number: 3490320
Sequence Number: 8189943
WCDA Code: D007

Waste Sequence Number: 3490321
Sequence Number: 8189944
WCDA Code: D007

Waste Sequence Number: 3490322
Sequence Number: 8189945
WCDA Code: D001

Waste Sequence Number: 3490322
Sequence Number: 8189946
WCDA Code: D035

Waste Sequence Number: 3490322
Sequence Number: 8189947
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 164402

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490318
Sequence Number:	1
WCDD Code:	G25
Waste Sequence Number:	3490319
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3490326
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3490317
Sequence Number:	1
WCDD Code:	G25
Waste Sequence Number:	3490325
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3490328
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3490331
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3490327
Sequence Number:	1
WCDD Code:	G03
Waste Sequence Number:	3490324
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3490323
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3490332
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02,WT01
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D011,D010,D035,F002,F003,F019,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	True

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490317
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490318
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	164402
Sequence Number:	3490319
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11165
Quanity Unit:	GAL
Kilograms Quanity:	63397.2479
Density Number:	1.5
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	164402
Sequence Number:	3490320
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8700
Quanity Unit:	LB
Kilograms Quanity:	3946.32006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Filter Dust and Debris
CORb Sequence Number:	164402
Sequence Number:	3490321
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1750

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Quanity Unit:	LB
Kilograms Quanity:	793.800013
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Paint Waste
CORb Sequence Number:	164402
Sequence Number:	3490322
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	5996.19290
Density Number:	1.2
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	164402
Sequence Number:	3490323
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3520
Quanity Unit:	GAL
Kilograms Quanity:	13324.8731
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	164402
Sequence Number:	3490324
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	7328.68021
Density Number:	1.10000000
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Shop Rags and PPE with Solvents
CORb Sequence Number:	164402
Sequence Number:	3490325
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4405
Quanity Unit:	LB
Kilograms Quanity:	1998.10803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	164402
Sequence Number:	3490326
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	164402
Sequence Number:	3490327
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2585
Quanity Unit:	LB
Kilograms Quanity:	1172.55602
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	2088305
Shipment Date:	2017-01-11 00:00:00
Mainfest Document ID:	016544020JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088306
Shipment Date:	2017-01-25 00:00:00
Mainfest Document ID:	016544023JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088307
Shipment Date:	2017-02-08 00:00:00
Mainfest Document ID:	016544029JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088308
Shipment Date:	2017-02-22 00:00:00
Mainfest Document ID:	016544032JJK
Reported Quanity:	156
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088309
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544035JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088310
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544039JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088311
Shipment Date:	2017-03-22 00:00:00
Mainfest Document ID:	016544046JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088312
Shipment Date:	2017-04-10 00:00:00
Mainfest Document ID:	016544049JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088313
Shipment Date:	2017-04-19 00:00:00
Mainfest Document ID:	016544050JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088314
Shipment Date:	2017-05-05 00:00:00
Mainfest Document ID:	016544057JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490317
Sequence Number:	2088315
Shipment Date:	2017-05-17 00:00:00
Mainfest Document ID:	016544061JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	952084
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490318
Sequence Number:	952085
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490319
Sequence Number:	952086
Received EPAID:	IDD073114654
Managed Quanity:	11165
Kilogram Quanity:	63397.2479
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490324
Sequence Number:	952091
Received EPAID:	IDD073114654
Managed Quanity:	1760
Kilogram Quanity:	7328.68021
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490325
Sequence Number:	952092
Received EPAID:	IND000646943
Managed Quanity:	4405
Kilogram Quanity:	1998.10803
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3490326
Sequence Number:	952093
Received EPAID:	IDD073114654
Managed Quanity:	1250
Kilogram Quanity:	567.000009
Recycled Percentage:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Management System Code: H132

Waste Sequence Number: 3490327
Sequence Number: 952094
Received EPAID: IDD073114654
Managed Quanity: 2585
Kilogram Quanity: 1172.55602
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490332
Sequence Number: 952099
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 56.7821297
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490320
Sequence Number: 952087
Received EPAID: IDD073114654
Managed Quanity: 8700
Kilogram Quanity: 3946.32006
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490321
Sequence Number: 952088
Received EPAID: IDD073114654
Managed Quanity: 1750
Kilogram Quanity: 793.800013
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490322
Sequence Number: 952089
Received EPAID: KSD980633259
Managed Quanity: 1320
Kilogram Quanity: 5996.19290
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 164402
Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490317
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490318
Sequence Number: 1

Comments: G09 Parts cleaning and paint cleanup
Waste Sequence Number: 3490325
Sequence Number: 1

Comments: A-7 General parts cleaning

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 3490328
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 8189937
WCDA Code: D007

Waste Sequence Number: 3490317
Sequence Number: 8189938
WCDA Code: F019

Waste Sequence Number: 3490318
Sequence Number: 8189939
WCDA Code: D007

Waste Sequence Number: 3490318
Sequence Number: 8189940
WCDA Code: F019

Waste Sequence Number: 3490319
Sequence Number: 8189941
WCDA Code: D007

Waste Sequence Number: 3490319
Sequence Number: 8189942
WCDA Code: F019

Waste Sequence Number: 3490320
Sequence Number: 8189943
WCDA Code: D007

Waste Sequence Number: 3490321
Sequence Number: 8189944
WCDA Code: D007

Waste Sequence Number: 3490322
Sequence Number: 8189945
WCDA Code: D001

Waste Sequence Number: 3490322
Sequence Number: 8189946
WCDA Code: D035

Waste Sequence Number: 3490322
Sequence Number: 8189947
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490318
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490319

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3490326
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3490317
Sequence Number:	1
WCDD Code:	G25
Waste Sequence Number:	3490325
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3490328
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3490331
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3490327
Sequence Number:	1
WCDD Code:	G03
Waste Sequence Number:	3490324
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3490323
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3490332
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,F019
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	156658
Sequence Number:	3420076
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10065
Quanity Unit:	GAL
Kilograms Quanity:	38100.8090
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	ZEP Stripper
CORb Sequence Number:	156658
Sequence Number:	3420627
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	208.201142
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	156658
Sequence Number:	3420079
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1925
Quanity Unit:	GAL
Kilograms Quanity:	7287.03999
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	156658
Sequence Number:	3420080
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5226
Quanity Unit:	GAL
Kilograms Quanity:	19782.8940
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	156658
Sequence Number:	3420077
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3025
Quanity Unit:	GAL
Kilograms Quanity:	11451.0628
Density Number:	1
Density Quanity:	SPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	156658
Sequence Number:	3420078
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	275
Quanity Unit:	GAL
Kilograms Quanity:	1041.00571
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	156658
Sequence Number:	3420081
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5226
Quanity Unit:	GAL
Kilograms Quanity:	19782.8940
Density Number:	1
Density Quanity:	SPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	156658

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	3420074
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	4235
Quanity Unit:	GAL
Kilograms Quanity:	16031.4879
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	156658
Sequence Number:	3420085
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Alodine 1500
CORb Sequence Number:	156658
Sequence Number:	3420621
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	990
Quanity Unit:	GAL
Kilograms Quanity:	3747.62056
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	156658
Sequence Number:	3420073
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1925
Quanity Unit:	GAL
Kilograms Quanity:	7287.03999
Density Number:	1
Density Quanity:	SPG

Shipments Send:

CORB Waste Sequence Number:	156658
Waste Sequence Number:	3420074
Sequence Number:	2014344
Shipment Date:	2016-02-04 00:00:00
Mainfest Document ID:	008920739FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2290.21256
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420073
Sequence Number:	2014365
Shipment Date:	2016-04-14 00:00:00
Mainfest Document ID:	009467852FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	2082.01142
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420077
Sequence Number:	2007435
Shipment Date:	2016-07-07 00:00:00
Mainfest Document ID:	009418949FLE
Reported Quanity:	715
Unit of Measure:	GAL
Kilograms Quanity:	2706.61485
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076
Sequence Number:	2017892
Shipment Date:	2016-08-25 00:00:00
Mainfest Document ID:	009419397FLE
Reported Quanity:	385
Unit of Measure:	GAL
Kilograms Quanity:	1457.40799
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2008183
Shipment Date:	2016-03-10 00:00:00
Mainfest Document ID:	009467472FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420075
Sequence Number:	2017948
Shipment Date:	2016-07-14 00:00:00
Mainfest Document ID:	009419011FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082
Sequence Number:	2008188
Shipment Date:	2016-09-15 00:00:00
Mainfest Document ID:	009452538FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076
Sequence Number:	2017854
Shipment Date:	2016-06-16 00:00:00
Mainfest Document ID:	009469318FLE
Reported Quanity:	330
Unit of Measure:	GAL
Kilograms Quanity:	1249.20685
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076
Sequence Number:	2017903
Shipment Date:	2016-11-10 00:00:00
Mainfest Document ID:	016562536JJK
Reported Quanity:	330
Unit of Measure:	GAL
Kilograms Quanity:	1249.20685
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082
Sequence Number:	2008187
Shipment Date:	2016-08-11 00:00:00
Mainfest Document ID:	009419246FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420075
Sequence Number:	2017915
Shipment Date:	2016-02-04 00:00:00
Mainfest Document ID:	008920739FLE

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156658
Waste Sequence Number:	3420074
Sequence Number:	917191
Received EPAID:	IDD073114654
Managed Quanity:	4235
Kilogram Quanity:	16031.4879
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420085
Sequence Number:	913325
Received EPAID:	IDD073114654
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420627
Sequence Number:	913288
Received EPAID:	IND000646943
Managed Quanity:	55
Kilogram Quanity:	208.201142
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3420073
Sequence Number:	917193
Received EPAID:	IDD073114654
Managed Quanity:	1925
Kilogram Quanity:	7287.03999
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420643
Sequence Number:	913285
Received EPAID:	IDD073114654
Managed Quanity:	45
Kilogram Quanity:	170.346389
Recycled Percentage:	0
Waste Management System Code:	H131
Waste Sequence Number:	3420075
Sequence Number:	919164
Received EPAID:	IDD073114654
Managed Quanity:	9300
Kilogram Quanity:	4218.48007
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420082
Sequence Number:	913716

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Received EPAID: IDD073114654
Managed Quanity: 2550
Kilogram Quanity: 1156.68001
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3420084
Sequence Number: 917201
Received EPAID: IND000646943
Managed Quanity: 3640
Kilogram Quanity: 1651.10402
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3420076
Sequence Number: 919137
Received EPAID: IDD073114654
Managed Quanity: 10065
Kilogram Quanity: 38100.8090
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3420077
Sequence Number: 913316
Received EPAID: IDD073114654
Managed Quanity: 3025
Kilogram Quanity: 11451.0628
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3420078
Sequence Number: 913303
Received EPAID: KSD980633259
Managed Quanity: 275
Kilogram Quanity: 1041.00571
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 156658
Comments: A-7. General parts cleaning.
Waste Sequence Number: 3420078
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3420080
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3420081
Sequence Number: 1

Comments: G09 - Parts cleaning and paint cleanup.
Waste Sequence Number: 3420084
Sequence Number: 1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Stream EPA Code:

CORB Waste Sequence Number:	156658
Waste Sequence Number:	3420621
Sequence Number:	7939318
WCDA Code:	D002
Waste Sequence Number:	3420621
Sequence Number:	7939319
WCDA Code:	D007
Waste Sequence Number:	3420627
Sequence Number:	7939236
WCDA Code:	D002
Waste Sequence Number:	3420627
Sequence Number:	7939237
WCDA Code:	F002
Waste Sequence Number:	3420076
Sequence Number:	7977154
WCDA Code:	D007
Waste Sequence Number:	3420076
Sequence Number:	7977155
WCDA Code:	F019
Waste Sequence Number:	3420073
Sequence Number:	7962664
WCDA Code:	D002
Waste Sequence Number:	3420073
Sequence Number:	7962665
WCDA Code:	D007
Waste Sequence Number:	3420075
Sequence Number:	7977354
WCDA Code:	D007
Waste Sequence Number:	3420082
Sequence Number:	7940041
WCDA Code:	D007
Waste Sequence Number:	3420084
Sequence Number:	7962709
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	156658
Waste Sequence Number:	3420077
Sequence Number:	1
WCDD Code:	G03
Waste Sequence Number:	3420627
Sequence Number:	1
WCDD Code:	G02

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3420073
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3420074
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3420643
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3420075
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3420079
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3420082
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3420621
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3420078
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3420084
Sequence Number:	1
WCDD Code:	G09

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	150281
Sequence Number:	3339897
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	5445
Quanity Unit:	GAL
Kilograms Quanity:	20598.5660
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	150281
Sequence Number:	3339899
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10175
Quanity Unit:	GAL
Kilograms Quanity:	52338.4101
Density Number:	11.34
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

CORb Sequence Number:	150281
Sequence Number:	3339901
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	416.132647
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	150281
Sequence Number:	3339900
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2805
Quanity Unit:	GAL
Kilograms Quanity:	10611.3825
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	150281
Sequence Number:	3339902
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	6658.12235
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	150281
Sequence Number:	3339894
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2915
Quanity Unit:	GAL
Kilograms Quanity:	11027.5151
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Alodine 1200S
CORb Sequence Number:	150281
Sequence Number:	3350554
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	208.066323
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	150281
Sequence Number:	3339907
Mixed Radioactive Flag:	False
Designation Code:	D

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	4602
Quanity Unit:	GAL
Kilograms Quanity:	17409.4767
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	150281
Sequence Number:	3355013
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	995
Quanity Unit:	LB
Kilograms Quanity:	451.332007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	150281
Sequence Number:	3339906
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4602
Quanity Unit:	GAL
Kilograms Quanity:	17409.4767
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	150281
Sequence Number:	3339898
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7750
Quanity Unit:	LB
Kilograms Quanity:	3515.40006
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	150281
Waste Sequence Number:	3339906
Sequence Number:	1892914
Shipment Date:	2015-07-02 00:00:00
Mainfest Document ID:	010352350JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892916
Shipment Date:	2015-07-30 00:00:00
Mainfest Document ID:	010352358JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892905
Shipment Date:	2015-03-12 00:00:00
Mainfest Document ID:	010352315JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892907
Shipment Date:	2015-04-09 00:00:00
Mainfest Document ID:	010352329JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892911
Shipment Date:	2015-05-21 00:00:00
Mainfest Document ID:	010352340JJK

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892909
Shipment Date:	2015-05-07 00:00:00
Mainfest Document ID:	010352338JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892926
Shipment Date:	2015-12-16 00:00:00
Mainfest Document ID:	010352396JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892906
Shipment Date:	2015-03-26 00:00:00
Mainfest Document ID:	010352325JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892924
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	010352391JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892904
Shipment Date:	2015-02-26 00:00:00
Mainfest Document ID:	010352314JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892917
Shipment Date:	2015-08-13 00:00:00
Mainfest Document ID:	010352360JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID: MND981098478

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 150281
Waste Sequence Number: 3339898
Sequence Number: 865910
Received EPAID: IDD073114654
Managed Quanity: 7750
Kilogram Quanity: 3515.40006
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3350524
Sequence Number: 865920
Received EPAID: IDD073114654
Managed Quanity: 4100
Kilogram Quanity: 1859.76003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3355006
Sequence Number: 867573
Received EPAID: KSD980633259
Managed Quanity: 1465
Kilogram Quanity: 664.524011
Recycled Percentage: 10
Waste Management System Code: H141

Waste Sequence Number: 3339897
Sequence Number: 865953
Received EPAID: IDD073114654
Managed Quanity: 5445
Kilogram Quanity: 20598.5660
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339894
Sequence Number: 865954
Received EPAID: IDD073114654
Managed Quanity: 2915
Kilogram Quanity: 11027.5151
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3350554
Sequence Number: 865958
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 208.066323
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339901
Sequence Number: 865956
Received EPAID: KSD980633259
Managed Quanity: 110
Kilogram Quanity: 416.132647

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3339899
Sequence Number: 867602
Received EPAID: IDD073114654
Managed Quanity: 10175
Kilogram Quanity: 52338.4101
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339900
Sequence Number: 867533
Received EPAID: IDD073114654
Managed Quanity: 2805
Kilogram Quanity: 10611.3825
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339902
Sequence Number: 867576
Received EPAID: KSD980633259
Managed Quanity: 1760
Kilogram Quanity: 6658.12235
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3339907
Sequence Number: 867596
Received EPAID: MND981098478
Managed Quanity: 4602
Kilogram Quanity: 17409.4767
Recycled Percentage: 0
Waste Management System Code: H129

Waste Stream Comments:
CORB Waste Sequence Number: 150281
Comments: A-7. General parts cleaning.
Waste Sequence Number: 3339901
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3339906
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3339907
Sequence Number: 1

Comments: G09 - Parts cleaning and paint cleanup.
Waste Sequence Number: 3355006
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 150281
Waste Sequence Number: 3339898

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7631746
WCDA Code: D007

Waste Sequence Number: 3355013
Sequence Number: 7631800
WCDA Code: D007

Waste Sequence Number: 3355013
Sequence Number: 7631801
WCDA Code: F019

Waste Sequence Number: 3355006
Sequence Number: 7631796
WCDA Code: D035

Waste Sequence Number: 3355006
Sequence Number: 7631797
WCDA Code: F005

Waste Sequence Number: 3339897
Sequence Number: 7631751
WCDA Code: D002

Waste Sequence Number: 3339897
Sequence Number: 7631752
WCDA Code: D004

Waste Sequence Number: 3339897
Sequence Number: 7631753
WCDA Code: D006

Waste Sequence Number: 3339897
Sequence Number: 7631754
WCDA Code: D010

Waste Sequence Number: 3339894
Sequence Number: 7631731
WCDA Code: D002

Waste Sequence Number: 3339894
Sequence Number: 7631732
WCDA Code: D007

Waste Stream Source Code:
CORB Waste Sequence Number: 150281
Waste Sequence Number: 3339901
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3339900
Sequence Number: 1
WCDD Code: G03

Waste Sequence Number: 3339897
Sequence Number: 1
WCDD Code: G07

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3339898
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3339902
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3350524
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3350554
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3339899
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3355013
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3355006
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3339894
Sequence Number:	1
WCDD Code:	G04

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	147455
Sequence Number:	3339756
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	480
Quanity Unit:	GAL
Kilograms Quanity:	1815.85155
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	147455
Sequence Number:	3339772
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3978
Quanity Unit:	GAL
Kilograms Quanity:	15048.8697
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	147455
Sequence Number:	3339740
Mixed Radioactive Flag:	False
Designation Code:	D

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	624.198970
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	147455
Sequence Number:	3339744
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1430
Quanity Unit:	LB
Kilograms Quanity:	648.648011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	147455
Sequence Number:	3339811
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3978
Quanity Unit:	GAL
Kilograms Quanity:	15048.8697
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	147455
Sequence Number:	3301438
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3740
Quanity Unit:	GAL
Kilograms Quanity:	14148.5100
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W519
Description:	Waste water treatment sludge
CORb Sequence Number:	147455
Sequence Number:	3339384
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6380
Quanity Unit:	GAL
Kilograms Quanity:	24135.6935
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	147455
Sequence Number:	3339734
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4620
Quanity Unit:	GAL
Kilograms Quanity:	17477.5711
Density Number:	8.33999999

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	147455
Sequence Number:	3333712
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	4235
Quanity Unit:	GAL
Kilograms Quanity:	16021.1069
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	147455
Sequence Number:	3338826
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	14475
Quanity Unit:	LB
Kilograms Quanity:	6565.86011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	ARDROX 6333
CORb Sequence Number:	147455
Sequence Number:	3339764
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	220
Quanity Unit:	GAL
Kilograms Quanity:	832.265294
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	147455
Waste Sequence Number:	3333712
Sequence Number:	1830985
Shipment Date:	2014-06-26 00:00:00
Mainfest Document ID:	006490367FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1817783
Shipment Date:	2014-01-13 00:00:00
Mainfest Document ID:	006489094FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830987
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	007165508FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830983
Shipment Date:	2014-04-29 00:00:00
Mainfest Document ID:	006490995FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1817784
Shipment Date:	2014-03-12 00:00:00
Mainfest Document ID:	006487452FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3333712
Sequence Number:	1830988
Shipment Date:	2014-11-11 00:00:00
Mainfest Document ID:	007900953FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3333712
Sequence Number:	1830986
Shipment Date:	2014-08-15 00:00:00
Mainfest Document ID:	006490550FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3333712
Sequence Number:	1830984
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	006490332FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	2080.66323
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3339764
Sequence Number:	1838192
Shipment Date:	2014-11-04 00:00:00
Mainfest Document ID:	007900943FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3339764
Sequence Number:	1838191
Shipment Date:	2014-06-04 00:00:00
Mainfest Document ID:	006490206FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3338826
Sequence Number:	1834731
Shipment Date:	2014-05-21 00:00:00
Mainfest Document ID:	007165183FLE
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147455
Waste Sequence Number:	3333712

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	854011
Received EPAID:	IDD073114654
Managed Quanity:	4235
Kilogram Quanity:	16021.1069
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339764
Sequence Number:	853910
Received EPAID:	IDD073114654
Managed Quanity:	220
Kilogram Quanity:	832.265294
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3338826
Sequence Number:	854014
Received EPAID:	IDD073114654
Managed Quanity:	14475
Kilogram Quanity:	6565.86011
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339734
Sequence Number:	854039
Received EPAID:	IDD073114654
Managed Quanity:	4620
Kilogram Quanity:	17477.5711
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339772
Sequence Number:	853961
Received EPAID:	MND981098478
Managed Quanity:	3978
Kilogram Quanity:	15048.8697
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3339740
Sequence Number:	853884
Received EPAID:	KSD980633259
Managed Quanity:	165
Kilogram Quanity:	624.198970
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3301438
Sequence Number:	854010
Received EPAID:	IDD073114654
Managed Quanity:	3740
Kilogram Quanity:	14148.5100
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339811
Sequence Number:	854007

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Received EPAID: MND981098478
Managed Quanity: 3978
Kilogram Quanity: 15048.8697
Recycled Percentage: 0
Waste Management System Code: H129

Waste Sequence Number: 3339744
Sequence Number: 854040
Received EPAID: KSD980633259
Managed Quanity: 1430
Kilogram Quanity: 648.648011
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339384
Sequence Number: 854026
Received EPAID: IDD073114654
Managed Quanity: 6380
Kilogram Quanity: 24135.6935
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339756
Sequence Number: 853899
Received EPAID: IDD073114654
Managed Quanity: 480
Kilogram Quanity: 1815.85155
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 147455
Comments: A-8 Sludge from Recycle of rinse waters
Waste Sequence Number: 3339384
Sequence Number: 1

Comments: A-7 Used to clean parts
Waste Sequence Number: 3339740
Sequence Number: 1

Comments: B-4ii Used to filter Recycled water
Waste Sequence Number: 3339772
Sequence Number: 1

Comments: B-4ii Used to recycle waste rinse water
Waste Sequence Number: 3339811
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 147455
Waste Sequence Number: 3333712
Sequence Number: 7565104
WCDA Code: D002

Waste Sequence Number: 3333712
Sequence Number: 7565105

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDA Code: D004

Waste Sequence Number: 3333712
Sequence Number: 7565106
WCDA Code: D006

Waste Sequence Number: 3333712
Sequence Number: 7565107
WCDA Code: D010

Waste Sequence Number: 3339756
Sequence Number: 7563655
WCDA Code: D002

Waste Sequence Number: 3339756
Sequence Number: 7563656
WCDA Code: D007

Waste Sequence Number: 3339772
Sequence Number: 7564509
WCDA Code: D007

Waste Sequence Number: 3339772
Sequence Number: 7564510
WCDA Code: F019

Waste Sequence Number: 3339384
Sequence Number: 7565201
WCDA Code: D002

Waste Sequence Number: 3339740
Sequence Number: 7563516
WCDA Code: D001

Waste Sequence Number: 3339740
Sequence Number: 7563517
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 147455
Waste Sequence Number: 3339740
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3339756
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3339764
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 3301438
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339384

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	1
WCDD Code:	G08
Waste Sequence Number:	3339734
Sequence Number:	1
WCDD Code:	G08
Waste Sequence Number:	3339772
Sequence Number:	1
WCDD Code:	G25
Waste Sequence Number:	3339811
Sequence Number:	1
WCDD Code:	G25
Waste Sequence Number:	3333712
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3338826
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3339744
Sequence Number:	1
WCDD Code:	G06

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01 WT02
Federal Waste Code Desc:	D001 D002 D004 D006 D007 D010 D011 D035 F003 F005 F019
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	136662
Sequence Number:	3217997
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3245
Quanity Unit:	GAL
Kilograms Quanity:	12275.9130
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	136662
Sequence Number:	3218004
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	917
Quanity Unit:	LB
Kilograms Quanity:	415.951207
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	136662
Sequence Number:	3218088
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1456.46426
Density Number:	8.33999999
Density Quanity:	PPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	136662
Sequence Number:	3217993
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	416.132647
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	136662
Sequence Number:	2662593
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15910
Quanity Unit:	LB
Kilograms Quanity:	7216.77612
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	136662

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2662594
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10545
Quanity Unit:	LB
Kilograms Quanity:	4783.21208
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	136662
Sequence Number:	2662595
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2238
Quanity Unit:	LB
Kilograms Quanity:	1015.15681
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	136662
Sequence Number:	3217999
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	750
Quanity Unit:	LB
Kilograms Quanity:	340.200005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	136662
Sequence Number:	3218001
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	18726
Quanity Unit:	LB
Kilograms Quanity:	8494.11374
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	136662
Sequence Number:	3218002
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1833
Quanity Unit:	LB
Kilograms Quanity:	831.448814
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	136662
Sequence Number:	3217994
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3276

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Quanity Unit:	GAL
Kilograms Quanity:	12393.1868
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	136662
Waste Sequence Number:	2662593
Sequence Number:	1585558
Shipment Date:	2013-09-18 00:00:00
Mainfest Document ID:	006488626FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1585560
Shipment Date:	2013-11-25 00:00:00
Mainfest Document ID:	006488969FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1585557
Shipment Date:	2013-04-17 00:00:00
Mainfest Document ID:	005093819FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1343704
Shipment Date:	2013-01-22 00:00:00
Mainfest Document ID:	004531997FLE
Reported Quanity:	6732
Unit of Measure:	LB
Kilograms Quanity:	3053.63525
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1585559
Shipment Date:	2013-11-08 00:00:00
Mainfest Document ID:	006488837FLE
Reported Quanity:	3672
Unit of Measure:	LB
Kilograms Quanity:	1665.61922
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662593
Sequence Number:	1585380
Shipment Date:	2013-08-14 00:00:00
Mainfest Document ID:	005095233FLE
Reported Quanity:	3670

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Unit of Measure:	LB
Kilograms Quanity:	1664.71202
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662594
Sequence Number:	1585567
Shipment Date:	2013-11-25 00:00:00
Mainfest Document ID:	006488969FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662594
Sequence Number:	1587128
Shipment Date:	2013-12-30 00:00:00
Mainfest Document ID:	006489062FLE
Reported Quanity:	450
Unit of Measure:	LB
Kilograms Quanity:	204.120003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662594
Sequence Number:	1585370
Shipment Date:	2013-08-29 00:00:00
Mainfest Document ID:	005095309FLE
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3217993
Sequence Number:	1585319
Shipment Date:	2013-02-27 00:00:00
Mainfest Document ID:	011040388JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD980976906
Waste Sequence Number:	3217993
Sequence Number:	1585552
Shipment Date:	2013-11-05 00:00:00
Mainfest Document ID:	011040418JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD980976906

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136662
Waste Sequence Number:	2662593
Sequence Number:	772411
Received EPAID:	IDD073114654
Managed Quanity:	15910
Kilogram Quanity:	7216.77612
Recycled Percentage:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Management System Code:	H132
Waste Sequence Number:	2662594
Sequence Number:	773876
Received EPAID:	IDD073114654
Managed Quanity:	10545
Kilogram Quanity:	4783.21208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2662595
Sequence Number:	773878
Received EPAID:	KSD980633259
Managed Quanity:	2238
Kilogram Quanity:	1015.15681
Recycled Percentage:	78
Waste Management System Code:	H141
Waste Sequence Number:	3217999
Sequence Number:	773883
Received EPAID:	IDD073114654
Managed Quanity:	750
Kilogram Quanity:	340.200005
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3218001
Sequence Number:	773884
Received EPAID:	IDD073114654
Managed Quanity:	18726
Kilogram Quanity:	8494.11374
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3218002
Sequence Number:	773885
Received EPAID:	KSD980633259
Managed Quanity:	1833
Kilogram Quanity:	831.448814
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3217994
Sequence Number:	773879
Received EPAID:	MND981098478
Managed Quanity:	3276
Kilogram Quanity:	12393.1868
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3217996
Sequence Number:	773880
Received EPAID:	MND981098478
Managed Quanity:	3276
Kilogram Quanity:	12393.1868
Recycled Percentage:	0
Waste Management System Code:	H129

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 3218003
Sequence Number: 773887
Received EPAID: KSD980633259
Managed Quanity: 5565
Kilogram Quanity: 21052.5289
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3218089
Sequence Number: 773892
Received EPAID: IDD073114654
Managed Quanity: 550
Kilogram Quanity: 2080.66323
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3217998
Sequence Number: 773882
Received EPAID: IDD073114654
Managed Quanity: 14350
Kilogram Quanity: 6509.16011
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 136662
Comments: A-9a Ion Exchange resins returned to contractor for regeneration for reuse.
Waste Sequence Number: 3217994
Sequence Number: 1

Comments: A-9a Ion Exchange resins returned to contractor for regeneration for reuse.
Waste Sequence Number: 3217996
Sequence Number: 1

Comments: A.7 VAD7148 MEK WASTE is used to clean oils and grime from parts
Waste Sequence Number: 3218002
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136662
Waste Sequence Number: 3218088
Sequence Number: 7110172
WCDA Code: D002

Waste Sequence Number: 3218088
Sequence Number: 7110173
WCDA Code: D007

Waste Sequence Number: 2662593
Sequence Number: 7118300
WCDA Code: D002

Waste Sequence Number: 2662595
Sequence Number: 7118122

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDA Code: D035

Waste Sequence Number: 2662595
Sequence Number: 7118123
WCDA Code: F005

Waste Sequence Number: 3217999
Sequence Number: 7110096
WCDA Code: D007

Waste Sequence Number: 3217999
Sequence Number: 7110097
WCDA Code: F019

Waste Sequence Number: 3218001
Sequence Number: 7110104
WCDA Code: D002

Waste Sequence Number: 3218001
Sequence Number: 7110105
WCDA Code: D007

Waste Sequence Number: 3218002
Sequence Number: 7118101
WCDA Code: D001

Waste Sequence Number: 3218002
Sequence Number: 7118102
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 136662
Waste Sequence Number: 3218089
Sequence Number: 1
WCDD Code: G05

Waste Sequence Number: 3217999
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3218003
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2662595
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3217997
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3217998
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3218002

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3218088
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	2662593
Sequence Number:	1
WCDD Code:	G08
Waste Sequence Number:	3217993
Sequence Number:	1
WCDD Code:	G08
Waste Sequence Number:	3218001
Sequence Number:	1
WCDD Code:	G08

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01 WT02
Federal Waste Code Desc:	D001 D002 D004 D006 D007 D010 D011 D035 F003 F005 F019
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	134401
Sequence Number:	2656447
Mixed Radioactive Flag:	False
Designation Code:	D

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	1976
Quanity Unit:	GAL
Kilograms Quanity:	7466.29241
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	134401
Sequence Number:	2656449
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	2078.16843
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	134401
Sequence Number:	2656456
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	635
Quanity Unit:	GAL
Kilograms Quanity:	2399.33992
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	134401
Sequence Number:	2656465
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	415.633687
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	134401
Sequence Number:	2656467
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	623.450530
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	134401
Sequence Number:	2656942
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3117
Quanity Unit:	GAL
Kilograms Quanity:	11777.5472
Density Number:	8.33000000

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	134401
Sequence Number:	2656974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1454.71790
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	134401
Sequence Number:	2657144
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	207.816843
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	Paint Booth Filters
CORb Sequence Number:	134401
Sequence Number:	2656445
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	9280
Quanity Unit:	LB
Kilograms Quanity:	4209.40807
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	134401
Sequence Number:	2656446
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2479.63999
Quanity Unit:	LB
Kilograms Quanity:	1124.76472
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	134401
Sequence Number:	2656944
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1210
Quanity Unit:	GAL
Kilograms Quanity:	4571.97055
Density Number:	8.33000000
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	134401

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2656448
Sequence Number:	1324450
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	006449273JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326095
Shipment Date:	2012-07-19 00:00:00
Mainfest Document ID:	006449292JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326713
Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	006449320JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326938
Shipment Date:	2012-11-21 00:00:00
Mainfest Document ID:	006449321JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1325856
Shipment Date:	2012-04-26 00:00:00
Mainfest Document ID:	006449277JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1325301
Shipment Date:	2012-04-09 00:00:00
Mainfest Document ID:	006449276JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798

Waste Sequence Number:	2656448
Sequence Number:	1326252
Shipment Date:	2012-08-30 00:00:00

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mainfest Document ID:	006449294JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	589.444138
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326232
Shipment Date:	2012-08-09 00:00:00
Mainfest Document ID:	006449293JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	884.166207
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326063
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	006449291JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	884.166207
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326507
Shipment Date:	2012-10-11 00:00:00
Mainfest Document ID:	006449319JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	589.444138
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1324461
Shipment Date:	2012-03-15 00:00:00
Mainfest Document ID:	006449275JJK
Reported Quanity:	130
Unit of Measure:	GAL
Kilograms Quanity:	491.203448
Receiving EPAID:	ILD982612798

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	134401
Waste Sequence Number:	2656447
Sequence Number:	688608
Received EPAID:	ILD982612798
Managed Quanity:	1976
Kilogram Quanity:	7466.29241
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	2656449
Sequence Number:	682974
Received EPAID:	KSD980633259
Managed Quanity:	550
Kilogram Quanity:	2078.16843

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2656456
Sequence Number:	656759
Received EPAID:	KSD980633259
Managed Quanity:	635
Kilogram Quanity:	2399.33992
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2656465
Sequence Number:	688609
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	415.633687
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656467
Sequence Number:	654568
Received EPAID:	IDD073114654
Managed Quanity:	165
Kilogram Quanity:	623.450530
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656942
Sequence Number:	655060
Received EPAID:	IDD073114654
Managed Quanity:	3117
Kilogram Quanity:	11777.5472
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656974
Sequence Number:	655061
Received EPAID:	IDD073114654
Managed Quanity:	385
Kilogram Quanity:	1454.71790
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2657144
Sequence Number:	654432
Received EPAID:	WAD980976906
Managed Quanity:	55
Kilogram Quanity:	207.816843
Recycled Percentage:	97
Waste Management System Code:	H010
Waste Sequence Number:	2656944
Sequence Number:	654694
Received EPAID:	IDD073114654
Managed Quanity:	1210
Kilogram Quanity:	4571.97055
Recycled Percentage:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Management System Code: H132

Waste Sequence Number: 2656445
Sequence Number: 655062
Received EPAID: IDD073114654
Managed Quanity: 9280
Kilogram Quanity: 4209.40807
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2656446
Sequence Number: 682957
Received EPAID: KSD980633259
Managed Quanity: 2479.63999
Kilogram Quanity: 1124.76472
Recycled Percentage: 78
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 134401
Comments: A-9a canisters where waste water flow through resins & clears out all contaminants, canisters are sent back to seimens where resins are changed out so that canisters may be reused.
Waste Sequence Number: 2656447
Sequence Number: 1

Comments: A-9a canisters where waste water flow through resins & clears out all contaminants, canisters are sent back to seimens where resins are changed out so that canisters may be reused.
Waste Sequence Number: 2656448
Sequence Number: 1

Comments: A.7 VAD7148 MEK WASTE is used to clean oils & grime from parts.
Waste Sequence Number: 2656449
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 134401
Waste Sequence Number: 2656943
Sequence Number: 6053873
WCDA Code: D001

Waste Sequence Number: 2656943
Sequence Number: 6053874
WCDA Code: D002

Waste Sequence Number: 2656943
Sequence Number: 6053875
WCDA Code: D009

Waste Sequence Number: 2656944
Sequence Number: 6026155
WCDA Code: D002

Waste Sequence Number: 2656448
Sequence Number: 6053815

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDA Code: D007

Waste Sequence Number: 2656448
Sequence Number: 6053816
WCDA Code: F019

Waste Sequence Number: 2656466
Sequence Number: 6025971
WCDA Code: D002

Waste Sequence Number: 2656466
Sequence Number: 6025972
WCDA Code: D007

Waste Sequence Number: 2656942
Sequence Number: 6026089
WCDA Code: D002

Waste Sequence Number: 2656942
Sequence Number: 6026090
WCDA Code: D004

Waste Sequence Number: 2656942
Sequence Number: 6026091
WCDA Code: D006

Waste Stream Source Code:
CORB Waste Sequence Number: 134401
Waste Sequence Number: 2656445
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656456
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656467
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656446
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656942
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656943
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656974
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656465

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	2656449
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2656466
Sequence Number:	1
WCDD Code:	G08
Waste Sequence Number:	2656944
Sequence Number:	1
WCDD Code:	G08

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	125782
Sequence Number:	2149791
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2496
Quanity Unit:	GAL
Kilograms Quanity:	9431.10621
Density Number:	8.33000000

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	125782
Sequence Number:	2495603
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	LB
Kilograms Quanity:	174.636003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	125782
Sequence Number:	2501519
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	LB
Kilograms Quanity:	49.8960008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	DEOXIDIZER LNC
CORb Sequence Number:	125782
Sequence Number:	2501520
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1265
Quanity Unit:	GAL
Kilograms Quanity:	4303.53007
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	125782
Sequence Number:	2501521
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK
CORb Sequence Number:	125782
Sequence Number:	2153026
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	615
Quanity Unit:	GAL
Kilograms Quanity:	2092.23003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric Acid Solution
CORb Sequence Number:	125782
Sequence Number:	2501005
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1475
Quanity Unit:	GAL
Kilograms Quanity:	5017.95008
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Sulfuric/Dichromate Solution
CORb Sequence Number:	125782
Sequence Number:	2501466
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	45
Quanity Unit:	LB
Kilograms Quanity:	20.4120003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	125782
Sequence Number:	2527970
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	D
Reported Quanity:	207
Quanity Unit:	GAL
Kilograms Quanity:	704.214012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	125782
Sequence Number:	2153024
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11200
Quanity Unit:	LB
Kilograms Quanity:	5080.32008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	125782
Sequence Number:	2153025
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	825
Quanity Unit:	GAL
Kilograms Quanity:	2806.65004
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	125782
Waste Sequence Number:	2495599
Sequence Number:	1155597
Shipment Date:	2011-02-18 00:00:00
Mainfest Document ID:	006908325JJK

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	561.330009
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495599
Sequence Number:	1169952
Shipment Date:	2011-09-20 00:00:00
Mainfest Document ID:	004205042FLE
Reported Quanity:	220
Unit of Measure:	GAL
Kilograms Quanity:	748.440012
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495599
Sequence Number:	1169446
Shipment Date:	2011-05-11 00:00:00
Mainfest Document ID:	002538629JJK
Reported Quanity:	275
Unit of Measure:	GAL
Kilograms Quanity:	935.550016
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495599
Sequence Number:	1170661
Shipment Date:	2011-11-09 00:00:00
Mainfest Document ID:	004205234FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2058.21003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495601
Sequence Number:	1169797
Shipment Date:	2011-07-20 00:00:00
Mainfest Document ID:	002538868JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1170662
Shipment Date:	2011-11-09 00:00:00
Mainfest Document ID:	004205233FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1155601
Shipment Date:	2011-02-18 00:00:00
Mainfest Document ID:	006908324JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1169448
Shipment Date:	2011-05-11 00:00:00
Mainfest Document ID:	002538628JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1169632
Shipment Date:	2011-06-23 00:00:00
Mainfest Document ID:	002538798JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1169800
Shipment Date:	2011-08-24 00:00:00
Mainfest Document ID:	004205001FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1170668
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004205124FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	125782
Waste Sequence Number:	2501520
Sequence Number:	652734
Received EPAID:	IDD073114654
Managed Quanity:	1265
Kilogram Quanity:	4303.53007
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2501521
Sequence Number:	652735
Received EPAID:	IDD073114654
Managed Quanity:	55
Kilogram Quanity:	187.110003
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2149791

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	652709
Received EPAID:	MND981098478
Managed Quanity:	2496
Kilogram Quanity:	9431.10621
Recycled Percentage:	0
Waste Management System Code:	H129

Waste Sequence Number:	2495603
Sequence Number:	595796
Received EPAID:	KSD980633259
Managed Quanity:	385
Kilogram Quanity:	174.636003
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	2501519
Sequence Number:	595367
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	49.8960008
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2153026
Sequence Number:	616244
Received EPAID:	KSD980633259
Managed Quanity:	615
Kilogram Quanity:	2092.23003
Recycled Percentage:	95
Waste Management System Code:	H020

Waste Sequence Number:	2501005
Sequence Number:	595370
Received EPAID:	IDD073114654
Managed Quanity:	1475
Kilogram Quanity:	5017.95008
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2527970
Sequence Number:	652744
Received EPAID:	WAD981769110
Managed Quanity:	207
Kilogram Quanity:	704.214012
Recycled Percentage:	85
Waste Management System Code:	H020

Waste Sequence Number:	2501466
Sequence Number:	595041
Received EPAID:	IDD073114654
Managed Quanity:	45
Kilogram Quanity:	20.4120003
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2153025
Sequence Number:	595789

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Received EPAID: IDD073114654
Managed Quanity: 220
Kilogram Quanity: 748.440012
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2153025
Sequence Number: 595790
Received EPAID: MND981098478
Managed Quanity: 605
Kilogram Quanity: 2058.21003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 125782
Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2149791
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2149792
Sequence Number: 1

Comments: A-7 used to clean parts.
Waste Sequence Number: 2153026
Sequence Number: 1

Comments: A-7 Was a one time process for a customer.
Waste Sequence Number: 2501466
Sequence Number: 1

Comments: A-7 used to clean parts.
Waste Sequence Number: 2527970
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 125782
Waste Sequence Number: 2149792
Sequence Number: 5861486
WCDA Code: D007

Waste Sequence Number: 2149792
Sequence Number: 5861487
WCDA Code: F019

Waste Sequence Number: 2501601
Sequence Number: 5861694
WCDA Code: D011

Waste Sequence Number: 2495599
Sequence Number: 5861594
WCDA Code: D002

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2495601
Sequence Number:	5861597
WCDA Code:	D001
Waste Sequence Number:	2495601
Sequence Number:	5861598
WCDA Code:	D035
Waste Sequence Number:	2495601
Sequence Number:	5861599
WCDA Code:	F003
Waste Sequence Number:	2495601
Sequence Number:	5861600
WCDA Code:	F005
Waste Sequence Number:	2153026
Sequence Number:	5861581
WCDA Code:	D001
Waste Sequence Number:	2153026
Sequence Number:	5861582
WCDA Code:	D007
Waste Sequence Number:	2153026
Sequence Number:	5861583
WCDA Code:	F005

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01, WT02
Federal Waste Code Desc:	D001, D002,D010,D007,D004,D011,D035,F002,F019
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	120051
Sequence Number:	2009483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49
Quanity Unit:	GAL
Kilograms Quanity:	166.69800286720567
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Filters
CORb Sequence Number:	120051
Sequence Number:	2009485
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1500
Quanity Unit:	LB
Kilograms Quanity:	680.40001170288019
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	120051
Sequence Number:	2058587
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	1871.1000321829206
Density Number:	7.5

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	WASTE WATER TREATMENT SLUDGE
CORb Sequence Number:	120051
Sequence Number:	2144453
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.22000643658413
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	PAINT FILTERS CONTAMINATED WITH CHROMIUM
CORb Sequence Number:	120051
Sequence Number:	2144589
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5155
Quanity Unit:	LB
Kilograms Quanity:	2338.3080402188984
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	MEK WASTE
CORb Sequence Number:	120051
Sequence Number:	2144678
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1083
Quanity Unit:	LB
Kilograms Quanity:	491.24880844947955
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Potassium Permanganate
CORb Sequence Number:	120051
Sequence Number:	2144680
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	5
Quanity Unit:	GAL
Kilograms Quanity:	18.892440324949973
Density Number:	8.3300000000000001
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	ZEP STRIPPER
CORb Sequence Number:	120051
Sequence Number:	2144814
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	120051
Sequence Number:	2010582
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3042
Quanity Unit:	GAL
Kilograms Quanity:	11494.160693699565
Density Number:	8.3300000000000001
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	120051
Sequence Number:	2010583
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3042
Quanity Unit:	GAL
Kilograms Quanity:	11494.160693699565
Density Number:	8.3300000000000001
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrchloric Acid
CORb Sequence Number:	120051
Sequence Number:	2144682
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	207.81684357444971
Density Number:	8.3300000000000001
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	120051
Waste Sequence Number:	2144678
Sequence Number:	1042111
Shipment Date:	6/9/2010
Mainfest Document ID:	005569161JJK
Reported Quanity:	459
Unit of Measure:	LB
Kilograms Quanity:	208.202403581081
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2017156
Sequence Number:	988152
Shipment Date:	1/26/2010
Mainfest Document ID:	002266687FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2017156
Sequence Number:	1041215
Shipment Date:	3/11/2010
Mainfest Document ID:	002267029FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001755432
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2144815
Sequence Number:	1041901
Shipment Date:	5/17/2010
Mainfest Document ID:	002570050FLE
Reported Quanity:	660
Unit of Measure:	GAL
Kilograms Quanity:	2245.3200386195
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2144679
Sequence Number:	1041719
Shipment Date:	4/19/2010
Mainfest Document ID:	005569004JJK
Reported Quanity:	5
Unit of Measure:	GAL
Kilograms Quanity:	18.89244032495
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2144681
Sequence Number:	1041721
Shipment Date:	4/19/2010

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mainfest Document ID:	005569005JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	207.81684357445
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2144681
Sequence Number:	1042117
Shipment Date:	6/24/2010
Mainfest Document ID:	005569194JJK
Reported Quanity:	4587
Unit of Measure:	GAL
Kilograms Quanity:	17331.9247541091
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2009484
Sequence Number:	964053
Shipment Date:	1/6/2010
Mainfest Document ID:	002266525FLE
Reported Quanity:	100
Unit of Measure:	LB
Kilograms Quanity:	45.360000780192
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2009486
Sequence Number:	1024942
Shipment Date:	2/22/2010
Mainfest Document ID:	002266855FLE
Reported Quanity:	69
Unit of Measure:	LB
Kilograms Quanity:	31.2984005383325
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2009486
Sequence Number:	964057
Shipment Date:	1/6/2010
Mainfest Document ID:	002266523FLE
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008192016
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2144588
Sequence Number:	1042287
Shipment Date:	7/14/2010
Mainfest Document ID:	005569237JJK
Reported Quanity:	385
Unit of Measure:	LB
Kilograms Quanity:	174.636003003739
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120051
Waste Sequence Number:	2058590
Sequence Number:	540809
Received EPAID:	IDD073114654
Managed Quanity:	275

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	935.55001609146029
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2144910
Sequence Number:	592580
Received EPAID:	WAD980976906
Managed Quanity:	110
Kilogram Quanity:	374.22000643658413
Recycled Percentage:	95
Waste Management System Code:	H010
Waste Sequence Number:	2145292
Sequence Number:	592599
Received EPAID:	IDD073114654
Managed Quanity:	330
Kilogram Quanity:	1122.6600193097524
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2144676
Sequence Number:	535472
Received EPAID:	KSD980633259
Managed Quanity:	320
Kilogram Quanity:	145.15200249661444
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2144677
Sequence Number:	534835
Received EPAID:	KSD980633259
Managed Quanity:	1103
Kilogram Quanity:	500.32080860551793
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2017156
Sequence Number:	592459
Received EPAID:	WAD981769110
Managed Quanity:	85
Kilogram Quanity:	289.17000497372408
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2144815
Sequence Number:	540813
Received EPAID:	IDD073114654
Managed Quanity:	660
Kilogram Quanity:	2245.3200386195049
Recycled Percentage:	0
Waste Management System Code:	H111
Waste Sequence Number:	2144679
Sequence Number:	592474
Received EPAID:	KSD980633259
Managed Quanity:	5
Kilogram Quanity:	18.892440324949973

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2144681
Sequence Number: 592521
Received EPAID: IDD073114654
Managed Quanity: 4642
Kilogram Quanity: 17539.741597683558
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2009484
Sequence Number: 540830
Received EPAID: ORD089452353
Managed Quanity: 100
Kilogram Quanity: 45.360000780192017
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2009486
Sequence Number: 541959
Received EPAID: WAD981769110
Managed Quanity: 174
Kilogram Quanity: 78.926401357534104
Recycled Percentage: 35
Waste Management System Code: H020

Waste Stream Comments:
CORB Waste Sequence Number: 120051
Comments: A-7 used to clean parts.
Waste Sequence Number: 2009483
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2010582
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2010583
Sequence Number: 1

Comments: A7 IS METHYL ETHYL KEYTONE (MEK) USED FOR PART CLEANING
Waste Sequence Number: 2144678
Sequence Number: 1

Comments: A-7 = unused chemical/ product disposal
Waste Sequence Number: 2144679
Sequence Number: 1

Comments: A-9= Product no longer in use
Waste Sequence Number: 2144680
Sequence Number: 1

Comments: A-9= Product no longer in use
Waste Sequence Number: 2144682

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 120051
Waste Sequence Number: 2009484
Sequence Number: 5447852
WCDA Code: D007

Waste Sequence Number: 2009484
Sequence Number: 5447853
WCDA Code: F019

Waste Sequence Number: 2009486
Sequence Number: 4714908
WCDA Code: D001

Waste Sequence Number: 2009486
Sequence Number: 4714909
WCDA Code: F003

Waste Sequence Number: 2009486
Sequence Number: 4714910
WCDA Code: F005

Waste Sequence Number: 2010582
Sequence Number: 5450629
WCDA Code: D007

Waste Sequence Number: 2010582
Sequence Number: 5450630
WCDA Code: F019

Waste Sequence Number: 2010583
Sequence Number: 5450674
WCDA Code: D007

Waste Sequence Number: 2010583
Sequence Number: 5450675
WCDA Code: F019

Waste Sequence Number: 2017156
Sequence Number: 5448653
WCDA Code: D001

Waste Sequence Number: 2017156
Sequence Number: 5448654
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 120051
Waste Sequence Number: 2010582
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2010583
Sequence Number: 1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDD Code:	G23
Waste Sequence Number:	2144679
Sequence Number:	1
WCDD Code:	G49
Waste Sequence Number:	2144589
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2144676
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2144813
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2144681
Sequence Number:	1
WCDD Code:	G05
Waste Sequence Number:	2144814
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	2009486
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	2144453
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	2144677
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D008,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Waste Stream Generated:	
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	NITRIC ACID & SODIUM ACID
CORb Sequence Number:	117142
Sequence Number:	2003487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Dry sweep contaminated with Vacmul 3D oil
CORb Sequence Number:	117142
Sequence Number:	2006129
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.720001560384034
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	117142
Sequence Number:	2000027
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.22000643658413
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSEWATER WITH CHROMIUM
CORb Sequence Number:	117142
Sequence Number:	2004724
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	117142
Sequence Number:	2000006
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	490
Quanity Unit:	GAL
Kilograms Quanity:	1666.9800286720565
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	117142
Sequence Number:	2000010
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2470
Quanity Unit:	GAL
Kilograms Quanity:	8402.9401445305703
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	117142
Sequence Number:	2005724
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	301
Quanity Unit:	LB
Kilograms Quanity:	136.53360234837797
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	117142
Sequence Number:	2005749

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1100
Quanity Unit:	GAL
Kilograms Quanity:	3742.2000643658412
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	117142
Sequence Number:	2005917
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	195
Quanity Unit:	GAL
Kilograms Quanity:	663.39001141030826
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	MIXED BED EXCHANGE CANISTERS
CORb Sequence Number:	117142
Sequence Number:	2005752
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	52
Quanity Unit:	GAL
Kilograms Quanity:	176.90400304274885
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	ALODINE 1200S AND ALODINE 1500
CORb Sequence Number:	117142
Sequence Number:	2007091
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	117142
Waste Sequence Number:	2000004
Sequence Number:	945874
Shipment Date:	1/19/2009
Mainfest Document ID:	002266373FLE
Reported Quanity:	635
Unit of Measure:	GAL
Kilograms Quanity:	2160.27003715664
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005751
Sequence Number:	960321
Shipment Date:	9/23/2009
Mainfest Document ID:	002569703FLE
Reported Quanity:	440
Unit of Measure:	GAL
Kilograms Quanity:	1496.88002574634
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005752
Sequence Number:	959014
Shipment Date:	4/15/2009
Mainfest Document ID:	003554327JJK
Reported Quanity:	52
Unit of Measure:	GAL
Kilograms Quanity:	176.904003042749
Receiving EPAID:	MND981098478
Waste Sequence Number:	2005751
Sequence Number:	959010
Shipment Date:	4/15/2009
Mainfest Document ID:	002570851FLE
Reported Quanity:	275
Unit of Measure:	GAL
Kilograms Quanity:	935.55001609146
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005751
Sequence Number:	961031

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipment Date:	11/25/2009
Mainfest Document ID:	002569211FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	1871.10003218292
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2007091
Sequence Number:	961032
Shipment Date:	11/25/2009
Mainfest Document ID:	002569211FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2000004
Sequence Number:	960200
Shipment Date:	8/24/2009
Mainfest Document ID:	002571978FLE
Reported Quanity:	126
Unit of Measure:	GAL
Kilograms Quanity:	428.652007372815
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2000006
Sequence Number:	959808
Shipment Date:	8/3/2009
Mainfest Document ID:	002571823FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	945885
Shipment Date:	1/7/2009
Mainfest Document ID:	002266241FLE
Reported Quanity:	218
Unit of Measure:	GAL
Kilograms Quanity:	741.63601275614
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	960836
Shipment Date:	11/11/2009
Mainfest Document ID:	002569095FLE
Reported Quanity:	57
Unit of Measure:	GAL
Kilograms Quanity:	193.914003335321
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	959405
Shipment Date:	5/12/2009
Mainfest Document ID:	001415107JJK
Reported Quanity:	160

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Unit of Measure: GAL
Kilograms Quanity: 544.320009362304
Receiving EPAID: WAD981769110

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 117142
Waste Sequence Number: 2000006
Sequence Number: 494176
Received EPAID: WAD981769110
Managed Quanity: 490
Kilogram Quanity: 1666.9800286720565
Recycled Percentage: 75
Waste Management System Code: H020

Waste Sequence Number: 2000010
Sequence Number: 501550
Received EPAID: MND981098478
Managed Quanity: 2470
Kilogram Quanity: 8402.9401445305703
Recycled Percentage: 99
Waste Management System Code: H010

Waste Sequence Number: 2005749
Sequence Number: 494178
Received EPAID: IDD073114654
Managed Quanity: 1100
Kilogram Quanity: 3742.2000643658412
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2005917
Sequence Number: 494172
Received EPAID: WAD981769110
Managed Quanity: 195
Kilogram Quanity: 663.39001141030826
Recycled Percentage: 75
Waste Management System Code: H020

Waste Sequence Number: 2005724
Sequence Number: 494169
Received EPAID: WAD981769110
Managed Quanity: 211
Kilogram Quanity: 95.709601646205158
Recycled Percentage: 35
Waste Management System Code: H020

Waste Sequence Number: 2005724
Sequence Number: 494170
Received EPAID: WAD981769110
Managed Quanity: 90
Kilogram Quanity: 40.824000702172818
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2000025
Sequence Number: 501552
Received EPAID: MND981098478

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Managed Quanity: 2418
Kilogram Quanity: 8226.0361414878225
Recycled Percentage: 99
Waste Management System Code: H010

Waste Sequence Number: 2005723
Sequence Number: 494188
Received EPAID: WAD981769110
Managed Quanity: 55
Kilogram Quanity: 187.11000321829206
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2000009
Sequence Number: 494179
Received EPAID: IDD073114654
Managed Quanity: 1300
Kilogram Quanity: 4422.6000760687211
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006350
Sequence Number: 494182
Received EPAID: IDD073114654
Managed Quanity: 110
Kilogram Quanity: 374.22000643658413
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2003485
Sequence Number: 494177
Received EPAID: IDD073114654
Managed Quanity: 3325
Kilogram Quanity: 1508.2200259413846
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 117142
Comments: A.7 RINSEWATER W/CHROMIUM-EXCESS THAT WAS NOT ABLE TO BE RECYCLED BACK INTO SYSTEM
Waste Sequence Number: 2004724
Sequence Number: 1

Comments: A.7 is METHYL ETHYL KEYTONE (MEK) used for part cleaning.
Waste Sequence Number: 2005917
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 117142
Waste Sequence Number: 2000006
Sequence Number: 4352843
WCDA Code: F003

Waste Sequence Number: 2000009
Sequence Number: 4352867

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDA Code: D004

Waste Sequence Number: 2004724
Sequence Number: 4352762
WCDA Code: D007

Waste Sequence Number: 2003485
Sequence Number: 4325155
WCDA Code: D007

Waste Sequence Number: 2003487
Sequence Number: 4325232
WCDA Code: D004

Waste Sequence Number: 2003487
Sequence Number: 4325233
WCDA Code: D006

Waste Sequence Number: 2000009
Sequence Number: 4352869
WCDA Code: D010

Waste Sequence Number: 2000006
Sequence Number: 4352841
WCDA Code: D001

Waste Sequence Number: 2000006
Sequence Number: 4352842
WCDA Code: D035

Waste Sequence Number: 2003487
Sequence Number: 4325231
WCDA Code: D002

Waste Sequence Number: 2000027
Sequence Number: 4353051
WCDA Code: D011

Waste Stream Source Code:
CORB Waste Sequence Number: 117142
Waste Sequence Number: 2000004
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2000006
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2000009
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2000010
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2000025

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2000027
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2003485
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2003487
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2004724
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2005723
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2005724
Sequence Number: 1
WCDD Code: G07

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

H42 **PM TESTING LAB INC PACIFIC HWY** **WA VCP** **S124436836**
ENE **3921 PACIFIC HWY E** **N/A**
1/8-1/4 **TACOMA, WA 98424**
0.191 mi.
1006 ft. **Site 2 of 2 in cluster H**

Relative:
Lower

Actual:
15 ft.

VCP:
Name: PM TESTING LAB INC PACIFIC HWY
Address: 3921 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 98132319
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 1997-11-14
Rank: Not reported
Cleanup Siteid: 2761
Contaminant Name: Metals Priority Pollutants
Soil: Remediated

Name: PM TESTING LAB INC PACIFIC HWY
Address: 3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **S124436836**

City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	98132319
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	1997-11-14
Rank:	Not reported
Cleanup Siteid:	2761
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

F43 WNW 1/8-1/4 0.191 mi. 1008 ft. **OCCIDENTAL CHEMICAL PITARCIK** **WA ALLSITES** **1004793276**
PACIFIC HWY E & PORT OF TACOMA **RCRA NonGen / NLR** **WA0000758979**
TACOMA, WA 98424 **WA MANIFEST**

Site 7 of 8 in cluster F

Relative: Higher

Actual: 18 ft.

ALLSITES:

Name:	OCCIDENTAL CHEMICAL PITARCIK
Facility Id:	41816694

RCRA Listings:

Date Form Received by Agency:	2019-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Handler Address:	PACIFIC HWY E & PORT OF TACOMA
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WA0000758979
Contact Name:	CLINTON BABCOCK
Contact Address:	605 ALEXANDER AVENUE
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-274-9760
Contact Fax:	Not reported
Contact Email:	CLINT_BABCOCK@OXY.COM
Contact Title:	DIRECTOR TACOMA OPERATIONS
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	605 ALEXANDER AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	OCCIDENTAL CHEMICAL CORP
Owner Type:	Private
Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:44.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2011

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401-2157
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEM O
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS H G
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Historic Generators:

Receive Date:	2010-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-29 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-23 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-30 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-28 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-14 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-27 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-03 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-01 00:00:00.0

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-23 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-22 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-29 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-22 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-14 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-06 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-27 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-27 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-21 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES

NAICS Code:	562910
NAICS Description:	REMEDIATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
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Enforcement Identifier: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
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Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Attorney: Not reported
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Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
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Consent/Final Order Sequence Number: Not reported
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Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
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SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Enforcement Responsible Agency:	Not reported
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Enforcement Attorney:	Not reported
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Disposition Status:	Not reported
Disposition Status Description:	Not reported
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Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
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SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
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Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
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Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
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SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Enforcement Docket Number: Not reported
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Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
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Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Enforcement Responsible Agency:	Not reported
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Enforcement Attorney:	Not reported
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Appeal Resolution Date:	Not reported
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Disposition Status:	Not reported
Disposition Status Description:	Not reported
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Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
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Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
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Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
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Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
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Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Actual Return to Compliance Date: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Agency Which Determined Violation:	Not reported
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Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2006-04-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-12-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Date:	2005-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-10-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-01-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-04-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-10-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-31 00:00:00.0
Evaluation Responsible Agency:	State

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-08-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Date:	2007-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-03-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-05-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-05-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-14 00:00:00.0
Evaluation Responsible Agency:	State

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-01-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-01-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-10-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-10-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Date:	2005-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-02-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-12-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA MANIFEST:

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Maury Wassmann
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	maury_wassmann@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway
Land City,State,Zip:	DALLAS, TX 75244
Land Phone Number:	(972)404-3800

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Operator Organization Name:	Glenn Springs Holdings, Inc.
Operator Organization Type:	Private
Operator:	Maury Wassmann
Operator Address:	605 Alexander Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Maury Wassmann
Site Contact Address:	605 Alexander Ave
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	maury_wassmann@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

F44 **PORT OF TACOMA ROAD INTERCHANGE FIFE** **WA ALLSITES** **S123402440**
WNW **N/A**
1/8-1/4 **FIFE, WA 98424**
0.191 mi.
1009 ft. **Site 8 of 8 in cluster F**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	PORT OF TACOMA ROAD INTERCHANGE FIFE
Facility Id:	48505

I45 **UNION PACIFIC RR FIFE** **RCRA-VSQG** **1001490893**
SW **3330 20TH ST E** **WA SPILLS** **WAD988511390**
1/8-1/4 **FIFE, WA 98424**
0.200 mi.
1058 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
20 ft.

RCRA Listings:

Date Form Received by Agency:	2019-02-13 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Handler Address:	3330 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988511390

UNION PACIFIC RR FIFE (Continued) **1001490893**

Contact Name:	BRYAN ROBINSON
Contact Address:	1035 BETHEL DRIVE
Contact City,State,Zip:	EUGENE, OR 97402
Contact Telephone:	541-341-5528
Contact Fax:	Not reported
Contact Email:	BKROBINS@UP.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1035 BETHEL DRIVE
Mailing City,State,Zip:	EUGENE, OR 97402
Owner Name:	UNION PACIFIC RAILROAD
Owner Type:	Private
Operator Name:	ROBINSON, BRYAN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

UNION PACIFIC RR FIFE (Continued) **1001490893**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-26 16:43:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNION PACIFIC RAILROAD - ROBINSON, BRYAN
Legal Status:	Private
Date Became Current:	2018-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1035 BETHEL DRIVE
Owner/Operator City,State,Zip:	EUGENE, OR 97402
Owner/Operator Telephone:	541-341-5528

UNION PACIFIC RR FIFE (Continued) **1001490893**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RR FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3330 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BLANCHARD, DEBRA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-2235
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBINSON, BRYAN
Legal Status:	Private
Date Became Current:	2019-02-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1035 BETHEL DRIVE
Owner/Operator City,State,Zip:	EUGENE, OR 97402
Owner/Operator Telephone:	541-341-5528
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3330 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1715
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported

UNION PACIFIC RR FIFE (Continued) **1001490893**

Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	2018-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1400 DOUGLAS ST
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-544-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BLANCHARD, DEBRA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-2235
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	2018-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1400 DOUGLAS ST
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-544-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD

UNION PACIFIC RR FIFE (Continued) **1001490893**

Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179-0001
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RR FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3330 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-04-06 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

UNION PACIFIC RR FIFE (Continued) **1001490893**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-04-07 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-04-06 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-13 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-13 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821

UNION PACIFIC RR FIFE (Continued) **1001490893**

NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code: 488210
NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

SPILLS:

Name:	FIFE RAILYARD
Address:	3330 20TH STREET E
City,State,Zip:	FIFE, WA
Facility ID:	644172
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	15
Material Units:	GALLON
Date Received:	09/26/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

I46 **UNION PACIFIC RAIL YARD** **WA SPILLS** **1000838366**
SW **3330 20TH ST** **WA MANIFEST** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.200 mi.
1058 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
20 ft.

SPILLS:

Name:	PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA
Facility ID:	105052
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/27/2019

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23819
Longitude:	-122.38489
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Pacific Railroad Rail Collision, Fife 3-27-2019
Cause Type:	Not reported
Resp Party Name:	Pacific Railroad

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	107911
Medium:	Other
Material Desc:	Z-OTHER
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/21/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Union Pacific Railway
Cause:	UNP Derailment and 6 Grease Spill Incident
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAIL YARD
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA
Facility ID:	108191
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	0
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	09/12/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23819
Longitude:	-122.38489
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Kendra Wilson

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Cause:	UP yard derailment with no release
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108872
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Unknown
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	11/06/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Ariel Glover
Cause:	Union Pacific Three Car Rail Derailment Fife 11-8-2019
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109183
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/07/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Konner Tourek
Cause:	Union Pacific Derailment - Fife Railyard - 12-07-2019
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	UNION PACIFIC
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109198
Medium:	Other

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/10/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Fife Union Pacific Train Accident
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA 98424
Facility ID:	109327
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/17/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Union Pacific Yard Locomotive Oil Spill
Cause Type:	Not reported
Resp Party Name:	Union Pacific Railroad

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	110127
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/11/2020
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Union Pacific Lumber Car Upright Derailment
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	110127
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/11/2020
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA 98424
Facility ID:	109327
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/17/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific Railroad

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Name:	UNION PACIFIC
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109198
Medium:	Other
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/10/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109183
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/07/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108872
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Unknown
Date Received:	Not reported

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Contact Name:	Not reported
Incident Date:	11/06/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108872
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Unknown
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	11/06/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA
Facility ID:	105052
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/27/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23819
Longitude:	-122.38489
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Pacific Railroad

Name:	UNION PACIFIC
Address:	3330 20TH STREET EAST
City,State,Zip:	FIFE, WA
Facility ID:	630026
Medium:	OTHER
Material Desc:	NONFLAMMABLE GAS
Material Qty:	1
Material Units:	UNKNOWN
Date Received:	10/27/2011
Contact Name:	ANDERSON
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAILROAD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA
Facility ID:	545511
Medium:	Not reported
Material Desc:	PETROLEUM - MOTOR OIL
Material Qty:	50
Material Units:	GALLON
Date Received:	12/30/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	UNION PACIFIC RR FIFE
Address:	3330 20TH ST E

UNION PACIFIC RAIL YARD (Continued) **1000838366**

City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	28881
EPA ID:	WAD988511390
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,D008,D011,D035
Form Comm:	One time shipment, Other - Waste Paint, UN1263, Waste Paint, 3, PGII, Waste Profile CH1540698, Form code: W801, Source code: G11, Method Code: H040, Manifest: 009063586FLE, Disposer EPA ID: NED981723513
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	STOP 1030
Tax Reg #:	601873047
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1035 Bethel Drive
Mailing City,State,Zip:	Eugene, OR 97402
Legal Organization Name:	Union Pacific Railroad
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1400 Douglas St
Legal Address 2:	STOP 1030
Legal City,State,Zip:	OMAHA, NE 68179
Legal Phone Number:	(402)5445000
Legal Effective Date:	03/30/2018
Land Organization Name:	Union Pacific Railroad
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1400 Douglas St
Land City,State,Zip:	OMAHA, NE 68179
Land Phone Number:	(402)5445000
Operator Organization Name:	Union Pacific Railroad - Robinson, Bryan
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1035 Bethel Drive
Operator Address 2:	Not reported
Operator City,State,Zip:	Eugene, OR 97402
Operator Phone Number:	(541)341-5528
Operator Effective Date:	03/30/2018
Site Contact:	Not reported
Site Contact Address:	Not reported

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

J47 **NORTHWEST MINI** **WA ALLSITES** **S109824526**
SE **3901 20TH ST E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.203 mi.
1070 ft. **Site 1 of 2 in cluster J**

Relative: Higher
Actual: 17 ft.

ALLSITES:

Name:	NORTHWEST MINI
Facility Id:	17670

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48 **LEXUS OF TACOMA AT FIFE** **WA ALLSITES** **1004794704**
East **1708 40TH AVE CT E** **RCRA NonGen / NLR** **WAH000003228**
1/8-1/4 **FIFE, WA 98424** **FINDS**
0.203 mi. **ECHO**
1071 ft. **WA MANIFEST**

Relative: Lower
Actual: 15 ft.

ALLSITES:

Name:	LEXUS OF TACOMA AT FIFE
Facility Id:	90252898

RCRA Listings:

Date Form Received by Agency:	2008-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Handler Address:	1708 40TH AVE CT E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000003228
Contact Name:	JEFF SMYTH
Contact Address:	1708 40TH ST CT E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-7100
Contact Fax:	Not reported
Contact Email:	SERVICE@LEXUSOFTACOMA.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1708 40TH ST CT E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	HO INC
Owner Type:	Private
Operator Name:	SMYTH, JEFF
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 16:45:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF S
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC H
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-19 00:00:00.0

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-10-03 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-17 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-26 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-06 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-04 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-07 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Electronic Manifest Broker:	Not reported
Receive Date:	2004-04-02 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-01-28 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-03 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-11-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005391496

Click Here:

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794704
Registry ID:	110005391496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005391496
Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

K49 **BREKKE ENTERPRISES** **SEMS-ARCHIVE** **1003880428**
NNW **1320 TIDEHAVEN RD** **WAD980664874**
1/8-1/4 **TACOMA, WA 98424**
0.203 mi.
1073 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
18 ft.

SEMS Archive:

Site ID:	1000933
EPA ID:	WAD980664874
Name:	BREKKE ENTERPRISES
Address:	1320 TIDEHAVEN RD
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98424
Cong District:	06
FIPS Code:	53053
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	10
Site ID:	1000933
EPA ID:	WAD980664874
Site Name:	BREKKE ENTERPRISES
NPL:	N

BREKKE ENTERPRISES (Continued) **1003880428**

FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-10-16 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1000933
EPA ID:	WAD980664874
Site Name:	BREKKE ENTERPRISES
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-12-01 05:00:00
Finish Date:	1980-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000933
EPA ID:	WAD980664874
Site Name:	BREKKE ENTERPRISES
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-09-12 05:00:00
Finish Date:	1985-10-16 05:00:00
Qual:	N
Current Action Lead:	St Perf

K50 **BREKKE ENTERPRISES** **WA ALLSITES** **1000271026**
NNW **1320 TIDEHAVEN RD** **WA CSCSL NFA** **N/A**
1/8-1/4 **TACOMA, WA 98424**
0.203 mi.
1073 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	BREKKE ENTERPRISES
Facility Id:	1279

CSCSL NFA:

Name:	BREKKE ENTERPRISES
Address:	1320 TIDEHAVEN RD
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	1279
CS Id:	3650

BREKKE ENTERPRISES (Continued) **1000271026**

NFA Date:	10/30/1989
Alternate Site Names:	Not reported
NFA Reason:	Cleaned up under Prior Authority
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Corrosive Wastes
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.245746
Longitude:	-122.383127

---

51 WSW 1/8-1/4 0.212 mi. 1121 ft. | **I5 PORT OF TACOMA ROAD INTERCHANGE IMPROVEMENTS** | **WA ALLSITES** | **S118640699**
I5 & PORT OF TACOMA ROAD | **N/A**
FIFE, WA 98424

Relative: Higher
Actual: 25 ft.

ALLSITES:

Name:	I5 PORT OF TACOMA ROAD INTERCHANGE IMPROVEMENTS
Facility Id:	15143

L52 South 1/8-1/4 0.221 mi. 1169 ft. | **COGDALL CONSTRUCTION DBA CONTRACT FURNIS** | **WA ALLSITES** | **S116753698**
3600 E INDUSTRY DR EAST | **WA MANIFEST** | **N/A**
FIFE, WA 98424

Site 1 of 3 in cluster L

Relative: Higher
Actual: 17 ft.

ALLSITES:

Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Facility Id:	6656

WA MANIFEST:

Name:		COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Address:		3600 E INDUSTRY DR EAST
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		6656
EPA ID:		WAH000047065
NAICS:		424990
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **S116753698**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600567820
Business Type:	Floorcovering sales
Mail Name:	Contract Furnishings Mart
Mailing Address:	14160 SW 72nd Ave
Mailing City,State,Zip:	Tigard, OR 97224
Legal Organization Name:	Cogdall Construction dba Contract Furnis
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	14160 SW 72nd Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Tigard, OR 97224
Legal Phone Number:	503-542-8901
Legal Effective Date:	01/01/1981
Land Organization Name:	Prologis
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	12720 Gateway Dr Ste 110
Land City,State,Zip:	Tukwila, WA 98168
Land Phone Number:	206-414-7615
Operator Organization Name:	Contract Furnishings Mart
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	14160 SW 72nd Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tigard, OR 97224
Operator Phone Number:	503-542-8901
Operator Effective Date:	01/01/1997
Site Contact:	Lynne Hill
Site Contact Address:	3600 E Industry Dr East
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	888-661-1250
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **S116753698**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Spilled battery acid.
CORb Sequence Number:	147687
Sequence Number:	3302920
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	0.22
Quanity Unit:	ST
Kilograms Quanity:	199.584003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	1790226
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	012247039JJK
Reported Quanity:	0.22
Unit of Measure:	ST
Kilograms Quanity:	199.584003
Receiving EPAID:	ORD089452353

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	834361
Received EPAID:	ORD089452353
Managed Quanity:	0.22
Kilogram Quanity:	199.584003
Recycled Percentage:	0
Waste Management System Code:	H121

Waste Stream EPA Code:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	7411954
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	1
WCDD Code:	G32

L53 South 1/8-1/4 0.221 mi. 1169 ft. | **FEDERAL EXPRESS CORP TACOMA**
3600 INDUSTRY DR E
TACOMA, WA 98424

Site 2 of 3 in cluster L

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000214209
WAD988474748

Relative: Higher
Actual: 17 ft.

ALLSITES:
Name: FEDERAL EXPRESS CORP TACOMA
Facility Id: 88389433

RCRA Listings:

Date Form Received by Agency:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Handler Address:	3600 INDUSTRY DR E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988474748
Contact Name:	FEDERAL EXPRESS FEDERAL EXPRESS
Contact Address:	3600 INDUSTRY DR E
Contact City,State,Zip:	TACOMA, WA 98424-1806
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3600 INDUSTRY DR E
Mailing City,State,Zip:	TACOMA, WA 98424-1806
Owner Name:	FEDERAL EXPRESS F
Owner Type:	Private
Operator Name:	FEDERAL EXPRESS F
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDERAL EXPRESS F
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600A INDUSTRY DR.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS CORP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS F
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1806
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS CORP TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDERAL EXPRESS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600A INDUSTRY DR.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Federal Waste Generator Description:	Not a generator, verified

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005353857

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000214209
Registry ID:	110005353857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005353857
Name:	FEDERAL EXPRESS CORP TACOMA
Address:	3600 INDUSTRY DR E
City,State,Zip:	TACOMA, WA 98424

L54 **COGDALL CONSTRUCTION DBA CONTRACT FURNIS** **RCRA NonGen / NLR** **1016977757**
South **3600 E INDUSTRY DR EAST** **WAH000047065**
1/8-1/4 **FIFE, WA 98424**
0.221 mi.
1169 ft. **Site 3 of 3 in cluster L**

Relative:
Higher

Actual:
17 ft.

RCRA Listings:

Date Form Received by Agency:	2015-01-31 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Handler Address:	3600 E INDUSTRY DR EAST
Handler City,State,Zip:	FIFE, WA 98424

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

EPA ID:	WAH000047065
Contact Name:	TIM BECHTOLD
Contact Address:	14160 SW 72ND AVE
Contact City,State,Zip:	TIGARD, OR 97224
Contact Telephone:	503-542-8901
Contact Fax:	Not reported
Contact Email:	TIM.BECHTOLD@CFMFLOORS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	14160 SW 72ND AVE
Mailing City,State,Zip:	TIGARD, WA 97224
Owner Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Owner Type:	Private
Operator Name:	CONTRACT FURNISHINGS MART
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 13:27:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	1981-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONTRACT FURNISHINGS MART
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	1981-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONTRACT FURNISHINGS MART
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	1981-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONTRACT FURNISHINGS MART
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-01-30 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-31 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-06-17 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-30 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	424990
NAICS Description:	OTHER MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

No Evaluations Found:

M55 **HOLLY MARINA** **WA CSCSL** **S103504287**
SE **4001 20TH NE** **WA LUST** **N/A**
1/8-1/4 **FIFE, WA 98424** **WA ICR**
0.221 mi. **WA ALLSITES**
1169 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
17 ft.

CSCSL:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Region:	Southwest
Lat/Long:	47.23952 / -122.37567
Clean Up Siteid:	9381
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	BOATLAND USA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Region:	Southwest
Lat/Long:	47.23952 / -122.37567
Clean Up Siteid:	9381
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	BOATLAND USA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	HAWLEY MARINE
Address:	4001 20TH NE

HOLLY MARINA (Continued) **S103504287**

City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9381
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	BOATLAND USA
Response Section:	Southwest
Release Date:	09/08/1993
Lust Date:	03/09/2017
Region:	Southwest
Lust ID:	2948
UST ID:	102086
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23907 / -122.37523

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9381
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	BOATLAND USA
Response Section:	Southwest
Release Date:	09/08/1993
Lust Date:	03/09/2017
Region:	Southwest
Lust ID:	2948
UST ID:	102086
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23907 / -122.37523

ICR:

Date Ecology Received Report:	09/18/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

HOLLY MARINA (Continued) **S103504287**

ALLSITES:

Name:	BOATLAND USA
Facility Id:	47746788

M56 SE 1/8-1/4 0.221 mi. 1169 ft. **HAWLEY MARINE** **WA VCP** **S124434584**
4001 20TH NE **N/A**
FIFE, WA 98424

Site 2 of 2 in cluster M

Relative: Higher

Actual: 17 ft.

VCP:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47746788
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	9381
Contaminant Name:	Petroleum-Diesel
Soil:	Confirmed Above Cleanup Levels

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47746788
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	9381
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

J57	**MORNING SUN INC**	**WA ALLSITES**	**1000474176**
SE	**3500 20TH ST E BLDG C**	**RCRA NonGen / NLR**	**WAD988482741**
1/8-1/4	**FIFE, WA 98424**	**FINDS**	
0.223 mi.		**ECHO**	
1180 ft.	**Site 2 of 2 in cluster J**	**WA MANIFEST**	

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	WESTERN WA COCA COLA BOTTLING LLC FIFE
Facility Id:	66138
Name:	MORNING SUN INC
Facility Id:	12725474
Name:	IR SPECIALTY FOAM
Facility Id:	17474

RCRA Listings:

Date Form Received by Agency:	2006-03-04 00:00:00.0
Handler Name:	MORNING SUN INC
Handler Address:	3500 20TH ST E BLDG C
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988482741
Contact Name:	CHARLIE JENKINS
Contact Address:	PO BOX 2945
Contact City,State,Zip:	TACOMA, WA 98401
Contact Telephone:	253-922-6589
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 2945
Mailing City,State,Zip:	TACOMA, WA 98401
Owner Name:	THREE CITIES RESEARCH
Owner Type:	Private
Operator Name:	MORNING SUN INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

MORNING SUN INC (Continued) **1000474176**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 17:36:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1851
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RE T
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC M
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENKINS, CHARLIE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2945
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-04 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0

MORNING SUN INC (Continued) **1000474176**

Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-18 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

MORNING SUN INC (Continued) **1000474176**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-07 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-02 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

MORNING SUN INC (Continued) **1000474176**

Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-13 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-15 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-28 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	MORNING SUN INC.
Federal Waste Generator Description:	Large Quantity Generator

MORNING SUN INC (Continued) **1000474176**

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	MORNING SUN, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	315999
NAICS Description:	OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

NAICS Code:	33636
NAICS Description:	MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

MORNING SUN INC (Continued) **1000474176**

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

MORNING SUN INC (Continued) **1000474176**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2003-09-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJCA
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-04-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005358273

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

MORNING SUN INC (Continued) **1000474176**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Registry ID: 110070354661

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000474176
Registry ID:	110005358273
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358273
Name:	MORNING SUN INC
Address:	3500 20TH ST E BLDG C
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	MORNING SUN INC
Address:	3500 20TH ST E BLDG C
City,State,Zip:	FIFE, WA 98424-1727
Facility Address 2:	Not reported
Facility ID:	12725474
EPA ID:	WAD988482741
NAICS:	315999
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No

MORNING SUN INC (Continued) **1000474176**

Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601023744
Business Type:	mfg
Mail Name:	Morning Sun Inc
Mailing Address:	PO Box 2945
Mailing City,State,Zip:	TACOMA, WA 98401-2945
Legal Organization Name:	Three Cities Research
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	135 E 57TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	NEW YORK, NY 10022-2050
Legal Phone Number:	(212)838-9660
Legal Effective Date:	07/23/1996
Land Organization Name:	Pacific Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4301 INDUSTRY DR E STE A
Land City,State,Zip:	TACOMA, WA 98424-1851
Land Phone Number:	(253)922-9333
Operator Organization Name:	Morning Sun Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3500 20th St E Bldg C
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	253-922-6589
Operator Effective Date:	07/23/1996
Site Contact:	Charlie Jenkins
Site Contact Address:	PO Box 2945
Contact City,State,Zip:	TACOMA, WA 98401-2945
Site Contact Phone Number:	(253)922-6589
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

N58 NW 1/8-1/4 0.227 mi. 1196 ft. | **FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP**
1501 33RD AVE E
FIFE, WA 98424

Site 1 of 4 in cluster N

WA CSCSL **S107672870**
WA LUST **N/A**
WA ALLSITES
WA SPILLS

Relative: Higher

Actual: 17 ft.

CSCSL:

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address: 1501 33RD AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 94359448
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6909
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section: Southwest
Release Date: 04/06/1992
Lust Date: 09/15/1995
Region: Southwest
Lust ID: 1763
UST ID: 97690
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2451207 / -122.38489

Name: FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address: 1501 33RD AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 94359448
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6909
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section: Southwest
Release Date: 07/26/2013
Lust Date: 11/14/2013
Region: Southwest
Lust ID: 6760
UST ID: 97690
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

ALLSITES:

Name:	FLYING J TRAVEL PLAZA
Facility Id:	94359448

SPILLS:

Name:	Not reported
Address:	Not reported
City,State,Zip:	FIFE, WA
Facility ID:	606436
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Material Qty:	40
Material Units:	GALLON
Date Received:	06/16/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	WSE TRANSPOIRTAION LLC
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	553702
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	1
Material Units:	GALLON
Date Received:	03/01/2006
Contact Name:	CADJEW
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	563426
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	25
Material Units:	GALLON
Date Received:	06/25/2007
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	606436
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	7
Material Units:	GALLON
Date Received:	06/16/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

N59 **LOVE'S TRAVEL STOP # 448** **WA UST** **U003356012**
NW **1501 33RD AVE E** **WA ICR** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.227 mi.
1196 ft. **Site 2 of 4 in cluster N**

Relative:
Higher

Actual:
17 ft.

UST:

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Facility ID:	94359448
Site Id:	97690
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451207000359
Decimal Longitude:	-122.384893162159

Tank Name:	1
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Name:	3
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	4
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Dispencer/Pump SFC Type:	Sump
Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	5
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	6
Tag Number:	A8957
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1979
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	7
Tag Number:	A8957
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1979
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	8
Tag Number:	A8957
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1979
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T1 UNLEADED
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T2 PRM/DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T2 PRM/DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

City:	FIFE
Zip:	98424
Tank Name:	T3 DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	T4 DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Main
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T5 DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Auxiliary
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Siphon
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T6 BIODSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Manifold:	Main
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

ICR:

Date Ecology Received Report:	02/10/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/23/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	07/15/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-28
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/28/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-07
County Code:	27
Contact:	Not reported
Report Title:	Not reported

N60 NW 1/8-1/4 0.227 mi. 1196 ft. | **LOVE'S TRAVEL STOP # 448**
1501 33RD AVE E
FIFE, WA 98424

Site 3 of 4 in cluster N

WA ALLSITES
WA SPILLS
WA Financial Assurance
WA NPDES

S108278260
N/A

Relative: Higher

Actual: 17 ft.

ALLSITES:

Name:	FIFE WA LOVES TRAVEL STOP
Facility Id:	32229

SPILLS:

Name:	Not reported
Address:	1501 33RD AVE
City,State,Zip:	FIFE, WA
Facility ID:	606733
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	50
Material Units:	GALLON
Date Received:	07/01/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE
City,State,Zip:	FIFE, WA
Facility ID:	555026
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	30
Material Units:	GALLON
Date Received:	05/10/2006
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

LOVE'S TRAVEL STOP # 448 (Continued) **S108278260**

WA Financial Assurance 1:

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	97690
Financial Resp Type:	SELF INSURANCE
Inception Date:	04/13/2017
Expiration Date:	04/13/2018
Address 2:	Not reported
Policy Number:	603017466-001-0001
Effective Date:	04/13/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Letter of self-insurance (financial report)
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/23/2019
Latitude:	47.2451207
Longitude:	-122.38489316

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	97690
Financial Resp Type:	SELF INSURANCE
Inception Date:	04/04/2018
Expiration Date:	04/04/2019
Address 2:	Not reported
Policy Number:	603017466-1-455-74
Effective Date:	04/04/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Letter of self-insurance (financial report)
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/23/2019
Latitude:	47.2451207
Longitude:	-122.38489316

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	97690
Financial Resp Type:	SELF INSURANCE
Inception Date:	07/23/2019
Expiration Date:	07/23/2020
Address 2:	Not reported
Policy Number:	603017466-2728109
Effective Date:	07/23/2019
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Letter of self-insurance (financial report)
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/23/2019
Latitude:	47.2451207
Longitude:	-122.38489316

NPDES:

Name:	FIFE WA LOVES TRAVEL STOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424

LOVE'S TRAVEL STOP # 448 (Continued) **S108278260**

Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR306798
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	08/01/2018
Days to Expiration:	-171

N61
NW
1/8-1/4
0.227 mi.
1196 ft.

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP **WA VCP** **S124436664**
1501 33RD AVE E **N/A**
FIFE, WA 98424

Site 4 of 4 in cluster N

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	94359448
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6909
Contaminant Name:	Benzene
Soil:	Confirmed Above Cleanup Levels

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	94359448
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6909
Contaminant Name:	Petroleum-Diesel
Soil:	Confirmed Above Cleanup Levels

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S124436664**

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	94359448
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6909
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

62
East
1/8-1/4
0.229 mi.
1209 ft.

JAGUAR LANDROVER VOLVO OF TACOMA **WA ALLSITES** **S109824523**
1601 40TH AVE CT E **N/A**
FIFE, WA 98424

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	JAGUAR LANDROVER VOLVO OF TACOMA
Facility Id:	17288

O63
NNW
1/8-1/4
0.235 mi.
1242 ft.

WESCRAFT RV & TRUCK FIFE **RCRA-VSQG** **1014927983**
3402 12TH ST E **WAH000034144**
FIFE, WA 98424

Site 1 of 6 in cluster O

Relative:
Lower

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2019-01-10 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Handler Address:	3402 12TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000034144
Contact Name:	RANDY GEHRKE
Contact Address:	3402 12TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-926-3443
Contact Fax:	Not reported
Contact Email:	WESCRAFT@INTEGRITY.COM
Contact Title:	GENERAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Mailing Address:	3402 12TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	WESCRAFT RV TRUCK
Owner Type:	Private
Operator Name:	WESCRAFT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 20:10:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCOTT, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Date Became Current:	Not reported
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Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Email:	Not reported

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Owner/Operator Name:	WESCRAFT
Legal Status:	Private
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Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-12-23 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-09 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-09 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-16 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-20 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-28 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Receive Date:	2019-01-10 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2014-12-10 00:00:00.0
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2014-12-10 00:00:00.0
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Evaluation Action Summary:

Evaluation Date:	2014-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-21 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-04-08 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

O64 **SIERRA SANDBLASTING LLC** **WA CSCSL** **1000368705**
NNW **3402 12TH ST E** **WA ALLSITES** **WAD078199981**
1/8-1/4 **TACOMA, WA 98424** **RCRA NonGen / NLR**
0.235 mi.
1242 ft. **Site 2 of 6 in cluster O**

Relative:
Lower

Actual:
15 ft.

CSCSL:

Name:	SIERRA SANDBLASTING LLC
Address:	3402 12TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	44654631
Region:	Southwest
Lat/Long:	47.24593 / -122.38262
Clean Up Siteid:	2642
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	SIERRA SANDBLASTING PAINTING LLC

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SIERRA SANDBLASTING LLC
Facility Id: 44654631

RCRA Listings:

Date Form Received by Agency:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Handler Address:	3402 12TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD078199981
Contact Name:	BETTY HENNION
Contact Address:	3402 12TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-1196
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3402 12TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	SIERRA SANDBLASTING LLC
Owner Type:	Private
Operator Name:	SIMPSON SIERRA SANDBLASTING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:07:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

SIERRA SANDBLASTING LLC (Continued) **1000368705**

NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1128
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING PAINTING LLC
Legal Status:	Private
Date Became Current:	1999-12-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2003-10-29 00:00:00.0
Handler Name: SIERRA SANDBLASTING LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-10-29 00:00:00.0
Handler Name: SIERRA SANDBLASTING LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1993-12-31 00:00:00.0
Handler Name: SIERRA SANDBLASTING LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1995-01-01 00:00:00.0
Handler Name: SIERRA SANDBLASTING LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: WA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1997-05-30 00:00:00.0
Handler Name: SIERRA SANDBLASTING LLC

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-22 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-12-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-17 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-28 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-27 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-24 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-05-31 00:00:00.0
Actual Return to Compliance Date:	2004-01-26 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-07-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-05-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-28 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-08-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-08-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-29 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJNJ
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-02-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJNJ
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: 1992-07-04 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1995-02-02 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJMC
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-02-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJNJ
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: 1992-02-13 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Former Citation:	Not reported
Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-05-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-05-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-01-26 00:00:00.0
Scheduled Compliance Date:	2001-07-15 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-08-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-08-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

O65 **WESCRAFT RV & TRUCK FIFE** **WA ALLSITES** **S109555573**
NNW **3402 12TH ST E** **WA MANIFEST** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.235 mi.
1242 ft. **Site 3 of 6 in cluster O**

Relative:
Lower

Actual:
15 ft.

ALLSITES:

Name:	WESTCRAFT RV & TRUCK FIFE
Facility Id:	7208876

WA MANIFEST:

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D018,D039,D040,F005,F003,D035
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D001,D018,D035,D039,D040,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	WT02,WP02,WSC2
Federal Waste Code Desc:	D001,D007,F005,D018
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	WT02,WP02,WSC2
Federal Waste Code Desc:	D001,D018,D039,D040,F005,F003,D035
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D018,D039,D040,F005,F003,D035
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	X007 OR
Federal Waste Code Desc:	D001, D018, D039, D040, F005, F003, D035
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate
Off-Specification:	Lamps - Generate, Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

O66 **SIERRA SANDBLASTING LLC** **WA VCP** **S124434455**
NNW **3402 12TH ST E** **N/A**
1/8-1/4 **TACOMA, WA 98424**
0.235 mi.
1242 ft. **Site 4 of 6 in cluster O**

Relative:
Lower

Actual:
15 ft.

VCP:

Name:	SIERRA SANDBLASTING LLC
Address:	3402 12TH ST E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE

SIERRA SANDBLASTING LLC (Continued) **S124434455**

edr_zip:	Not reported
Facility ID:	44654631
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	2642
Contaminant Name:	Metals Priority Pollutants
Soil:	Remediated

67
ENE
1/4-1/2
0.250 mi.
1322 ft.

GCR TIRE CENTER 4247
4107 PACIFIC HWY E
TACOMA, WA 98424

WA ALLSITES **S108701830**
WA ASBESTOS **N/A**

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	GCR TIRE CENTER 4247
Facility Id:	2418556

ASBESTOS:

Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	0
Form ID:	137871##1022FSGSS726523
Notice Date:	01/31/2017
Start Date:	02/10/2017
Completion Date:	02/28/2017
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	2:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198

GCR TIRE CENTER 4247 (Continued) **S108701830**

Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-01-31 08:15:46
Submitter IP Address:	209.210.181.140

GCR TIRE CENTER 4247 (Continued) **S108701830**

Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138942##1022FSGSS319326
Notice Date:	02/22/2017
Start Date:	02/13/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	4:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17. Amended to take project off hold 2-13-17 Project completed 2-21-17
Date Time Submitted:	2017-02-22 14:24:54
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138366##1022FSGSS364606

GCR TIRE CENTER 4247 (Continued) **S108701830**

Notice Date:	02/10/2017
Start Date:	02/10/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	2:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17.
Date Time Submitted:	2017-02-10 08:49:24
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138448##1022FSGSS450080
Notice Date:	02/13/2017
Start Date:	02/13/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	4:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1

GCR TIRE CENTER 4247 (Continued) **S108701830**

Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17. Amended to take project off hold 2-13-17
Date Time Submitted:	2017-02-13 08:14:50
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

O68 **DIESING PROPERTY PARCEL B** **WA ALLSITES** **S104971960**
NNW **3518 12TH ST E** **WA CSCSL NFA** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.256 mi.
1351 ft. **Site 5 of 6 in cluster O**

Relative:
Lower

Actual:
15 ft.

ALLSITES:

Name:	DIESING PROPERTY PARCEL B
Facility Id:	38554597

CSCSL NFA:

Name:	DIESING PROPERTY PARCEL B
Address:	3518 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	38554597
CS Id:	1674
NFA Date:	10/11/2016
Alternate Site Names:	CHARLES DIESING PROPERTY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.245580068
Longitude:	-122.38177202

O69 NNW 1/4-1/2 0.256 mi. 1351 ft. | **DIESING PROPERTY PARCEL B**
3518 12TH ST E
FIFE, WA 98424 | **WA VCP** | **S124434186**
N/A

Site 6 of 6 in cluster O

Relative: Lower
Actual: 15 ft.

VCP:

Name:	DIESING PROPERTY PARCEL B
Address:	3518 12TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	38554597
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2016-10-11
Rank:	Not reported
Cleanup Siteid:	1674
Contaminant Name:	Metals Priority Pollutants
Soil:	Remediated-Below

---

70 SW 1/4-1/2 0.266 mi. 1403 ft. | **PORT OF TACOMA RD I5 ON RAMP**
PORT OF TACOMA RD & 20TH ST E
FIFE, WA 98424 | **WA CSCSL**
WA ALLSITES | **S121970351**
N/A

Relative: Higher
Actual: 20 ft.

CSCSL:

Name:	PORT OF TACOMA RD, 1-5 ON RAMP
Address:	PORT OF TACOMA RD & 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	553914
Region:	Southwest
Lat/Long:	47.239175 / -122.385962
Clean Up Siteid:	14414
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORT OF TACOMA RD, 1-5 ON RAMP
Address:	PORT OF TACOMA RD & 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	553914
Region:	Southwest
Lat/Long:	47.239175 / -122.385962

PORT OF TACOMA RD I5 ON RAMP (Continued) **S121970351**

Clean Up Siteid:	14414
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORT OF TACOMA RD, 1-5 ON RAMP
Address:	PORT OF TACOMA RD & 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	553914
Region:	Southwest
Lat/Long:	47.239175 / -122.385962
Clean Up Siteid:	14414
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	PORT OF TACOMA RD I5 ON RAMP
Facility Id:	553914

P71 **ASSOCIATED PETROLUEM PRODUCTS, INC.** **WA CSCSL** **U003354615**
WNW **3101 PACIFIC HWY E** **WA LUST** **N/A**
1/4-1/2 **FIFE, WA 98424** **WA UST**
0.273 mi. **WA ALLSITES**
1440 ft. **Site 1 of 2 in cluster P** **WA Financial Assurance**
WA PTAP

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Region:	Southwest
Lat/Long:	47.243694 / -122.386333
Clean Up Siteid:	14762

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Region: Southwest
Lat/Long: 47.243694 / -122.386333
Clean Up Siteid: 14762
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Region: Southwest
Lat/Long: 47.243694 / -122.386333
Clean Up Siteid: 14762
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Region: Southwest
Lat/Long: 47.243694 / -122.386333
Clean Up Siteid: 14762
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

LUST:

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Lust Status Type: LUST - Awaiting Cleanup
Cleanup Site ID: 14762
Cleanup Unit Type: Upland
Process Type: No Process
Cleanup Unit Name: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section: Pollution Liability Ins Agcy
Release Date: 06/15/2018
Lust Date: 06/15/2018
Region: Southwest
Lust ID: 8052
UST ID: 4691
Contaminant Name: Petroleum-Diesel
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.243694 / -122.38633

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Lead
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

UST:

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	94129688
Site Id:	4691
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.243694
Decimal Longitude:	-122.386333

Tank Name:	1
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Zip:	98424
Tank Name:	2
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current
Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	3
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Pipe Pumping System: Pressurized System
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Impressed Current

ALLSITES:
Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Facility Id: 94129688

WA Financial Assurance 1:
Name: ASSOCIATED PETROLUEM PRODUCTS, INC.
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
DOE Site ID: 4691
Financial Resp Type: GREAT AMERICAN E & S INSURANCE
Inception Date: 02/01/2016
Expiration Date: 02/01/2017
Address 2: Not reported
Policy Number: BTA9986632-05
Effective Date: 02/01/2016
Liability Limit Type: Not reported
Compliance Method: Not reported
Proof of Responsibility Document Flag: Not reported
Retroactive Date: Not reported
Latitude: 47.243694
Longitude: -122.386333

Name: ASSOCIATED PETROLUEM PRODUCTS, INC.
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
DOE Site ID: 4691
Financial Resp Type: GREAT AMERICAN E&S INSURANCE CO
Inception Date: 01/25/2017
Expiration Date: 02/01/2018
Address 2: Not reported
Policy Number: BTA 9986632-06
Effective Date: 01/25/2017
Liability Limit Type: Not reported
Compliance Method: Not reported
Proof of Responsibility Document Flag: Not reported
Retroactive Date: Not reported
Latitude: 47.243694
Longitude: -122.386333

Name: ASSOCIATED PETROLUEM PRODUCTS, INC.
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
DOE Site ID: 4691
Financial Resp Type: GREAT AMERICAN E&S INSURANCE CO
Inception Date: 01/22/2018
Expiration Date: 02/01/2019
Address 2: Not reported
Policy Number: BTA 9986632-07
Effective Date: 01/22/2018
Liability Limit Type: Not reported
Compliance Method: Not reported
Proof of Responsibility Document Flag: Not reported

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	02/01/2019
Expiration Date:	02/01/2020
Address 2:	Not reported
Policy Number:	05-TOP-000000759
Effective Date:	02/01/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

PTAP:

Name:	TACOMA WINGFOOT TIRE PORT OF TACOMA (APP/CFN #2038) CARD LOCK
Address:	3101 PACIFIC HIGHWAY EAST
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW055
FSID Number:	94129688
Entry Date:	02/08/2019
Status:	In Progress

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72 North 1/4-1/2 0.273 mi. 1440 ft.

Relative: Lower

Actual: 14 ft.

PROGRESS RAIL SERVICES
4012 SR 509 S FRONTAGE RD
TACOMA, WA 98421

RCRA-SQG 1000105883
WA ALLSITES WAD060033024
WA CSCSL NFA
FINDS
ECHO
WA MANIFEST
WA NPDES

RCRA Listings:

Date Form Received by Agency:	2019-03-04 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Handler Address:	4012 SR 509 S FRONTAGE RD
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD060033024
Contact Name:	TANYA GIROUARD
Contact Address:	PO BOX 1037
Contact City,State,Zip:	ALBERTVILLE, AL 35950
Contact Telephone:	801-510-3952
Contact Fax:	Not reported
Contact Email:	TGIROUARD@PROGRESSRAIL.COM
Contact Title:	REGIONAL ENVIRONMENTAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1037
Mailing City,State,Zip:	ALBERTVILLE, AL 35950
Owner Name:	PROGRESS RAIL SERVICES
Owner Type:	Private
Operator Name:	PROGRESS RAIL SERVICES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1837
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-05 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-04 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator

PROGRESS RAIL SERVICES (Continued) **1000105883**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-14 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-11 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receive Date:	2006-02-16 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-09-26 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-28 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-13 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-04 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-23 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-11 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-03-19 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-03-20 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES

PROGRESS RAIL SERVICES (Continued) **1000105883**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-22 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-04 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIP CO A DIV
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	COAST ENGINE AND EQUIPMENT, CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333913
NAICS Description:	MEASURING AND DISPENSING PUMP MANUFACTURING
NAICS Code:	333914

PROGRESS RAIL SERVICES (Continued) **1000105883**

NAICS Description: MEASURING, DISPENSING, AND OTHER PUMPING EQUIPMENT MANUFACTURING

NAICS Code: 488210
NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	2002-01-08 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-11-16 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-07-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-01-26 00:00:00.0
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-01-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 2006-11-16 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 2012-04-17 00:00:00.0
Actual Return to Compliance Date: 2012-09-20 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2012-06-17 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-05-07 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-01-26 00:00:00.0
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-01-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-07-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-07-18 00:00:00.0
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-09-20 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2008-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-07-15 00:00:00.0
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	COAST ENGINE & EQUIPMENT CORP
Facility Id:	26693246

CSCSL NFA:

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421

PROGRESS RAIL SERVICES (Continued) **1000105883**

Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

PROGRESS RAIL SERVICES (Continued) **1000105883**

FINDS:
Registry ID: 110000828070

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000105883
Registry ID:	110000828070
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000828070
Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421

PROGRESS RAIL SERVICES (Continued) **1000105883**

WA MANIFEST:

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	165259
Sequence Number:	3495176
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	940
Quanity Unit:	LB
Kilograms Quanity:	426.384007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Exhaust Filters & Solvent Soaked Rags
CORb Sequence Number:	165259

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number:	3495180
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	2136799
Shipment Date:	2017-02-07 00:00:00
Mainfest Document ID:	009994040FLE
Reported Quanity:	240
Unit of Measure:	LB
Kilograms Quanity:	108.864001
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495176
Sequence Number:	2136800
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152334FLE
Reported Quanity:	700
Unit of Measure:	LB
Kilograms Quanity:	317.520005
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495180
Sequence Number:	2136804
Shipment Date:	2017-02-09 00:00:00
Mainfest Document ID:	009063464FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136805
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	010620036FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136806
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152336FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	NED981723513

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	971901
Received EPAID:	WAD981769110
Managed Quanity:	940
Kilogram Quanity:	426.384007
Recycled Percentage:	65
Waste Management System Code:	H020
Waste Sequence Number:	3495180
Sequence Number:	971905
Received EPAID:	NED981723513
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	8463346
WCDA Code:	D001
Waste Sequence Number:	3495176
Sequence Number:	8463347
WCDA Code:	F003
Waste Sequence Number:	3495176
Sequence Number:	8463348
WCDA Code:	F005
Waste Sequence Number:	3495180
Sequence Number:	8463449
WCDA Code:	D001
Waste Sequence Number:	3495180
Sequence Number:	8463450
WCDA Code:	F003
Waste Sequence Number:	3495180
Sequence Number:	8463451
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3495180
Sequence Number:	1
WCDD Code:	G06

Name:	PROGRESS RAIL SERVICES

PROGRESS RAIL SERVICES (Continued) **1000105883**

Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	165259
Sequence Number:	3495176
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	940
Quanity Unit:	LB
Kilograms Quanity:	426.384007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Exhaust Filters & Solvent Soaked Rags
CORb Sequence Number:	165259
Sequence Number:	3495180
Mixed Radioactive Flag:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	2136799
Shipment Date:	2017-02-07 00:00:00
Mainfest Document ID:	009994040FLE
Reported Quanity:	240
Unit of Measure:	LB
Kilograms Quanity:	108.864001
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495176
Sequence Number:	2136800
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152334FLE
Reported Quanity:	700
Unit of Measure:	LB
Kilograms Quanity:	317.520005
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495180
Sequence Number:	2136804
Shipment Date:	2017-02-09 00:00:00
Mainfest Document ID:	009063464FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136805
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	010620036FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136806
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152336FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165259

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	3495176
Sequence Number:	971901
Received EPAID:	WAD981769110
Managed Quanity:	940
Kilogram Quanity:	426.384007
Recycled Percentage:	65
Waste Management System Code:	H020
Waste Sequence Number:	3495180
Sequence Number:	971905
Received EPAID:	NED981723513
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	8463346
WCDA Code:	D001
Waste Sequence Number:	3495176
Sequence Number:	8463347
WCDA Code:	F003
Waste Sequence Number:	3495176
Sequence Number:	8463348
WCDA Code:	F005
Waste Sequence Number:	3495180
Sequence Number:	8463449
WCDA Code:	D001
Waste Sequence Number:	3495180
Sequence Number:	8463450
WCDA Code:	F003
Waste Sequence Number:	3495180
Sequence Number:	8463451
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3495180
Sequence Number:	1
WCDD Code:	G06

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537

PROGRESS RAIL SERVICES (Continued) **1000105883**

Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com

PROGRESS RAIL SERVICES (Continued) **1000105883**

Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	155707
Sequence Number:	3401489
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	155707
Sequence Number:	3401488
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2400

PROGRESS RAIL SERVICES (Continued) **1000105883**

Quanity Unit:	LB
Kilograms Quanity:	1088.64001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W406
Description:	Baghouse Dust Fines
CORb Sequence Number:	155707
Sequence Number:	3401487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11300
Quanity Unit:	LB
Kilograms Quanity:	5125.68008
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155707
Waste Sequence Number:	3401488
Sequence Number:	897144
Received EPAID:	WAD981769110
Managed Quanity:	2400
Kilogram Quanity:	1088.64001
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3401487
Sequence Number:	897141
Received EPAID:	IDD073114654
Managed Quanity:	11300
Kilogram Quanity:	5125.68008
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3401489
Sequence Number:	897146
Received EPAID:	WAD981769110
Managed Quanity:	1100
Kilogram Quanity:	498.960008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3401489
Sequence Number:	897145
Received EPAID:	WAD981769110
Managed Quanity:	150

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilogram Quanity: 68.0400011
Recycled Percentage: 0
Waste Management System Code: H020

Waste Stream EPA Code:
CORB Waste Sequence Number: 155707
Waste Sequence Number: 3401489
Sequence Number: 7826399
WCDA Code: D001

Waste Sequence Number: 3401489
Sequence Number: 7826400
WCDA Code: F003

Waste Sequence Number: 3401489
Sequence Number: 7826401
WCDA Code: F005

Waste Sequence Number: 3401488
Sequence Number: 7826393
WCDA Code: D001

Waste Sequence Number: 3401488
Sequence Number: 7826394
WCDA Code: F003

Waste Sequence Number: 3401488
Sequence Number: 7826395
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 155707
Waste Sequence Number: 3401488
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3401489
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3401487
Sequence Number: 1
WCDD Code: G21

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421-3537
Facility Address 2: Not reported
Facility ID: 26693246
EPA ID: WAD060033024
NAICS: 488210
State Waste Code Desc: WT02
Federal Waste Code Desc: D001,F003,F005
Form Comm: Not reported
Data Year: 2014

PROGRESS RAIL SERVICES (Continued) **1000105883**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	149508
Sequence Number:	3339344
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1309.77002
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W406
Description:	Baghouse Dust Fines
CORb Sequence Number:	149508
Sequence Number:	3339284
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3200
Quanity Unit:	LB
Kilograms Quanity:	1451.52002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	149508
Sequence Number:	3339349
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	LB
Kilograms Quanity:	249.480004
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339349
Sequence Number:	1836595
Shipment Date:	2014-01-31 00:00:00
Mainfest Document ID:	007598163
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339349
Sequence Number:	1836596
Shipment Date:	2014-07-18 00:00:00
Mainfest Document ID:	006765737
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836556
Shipment Date:	2014-01-31 00:00:00
Mainfest Document ID:	007598163
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836557
Shipment Date:	2014-05-13 00:00:00
Mainfest Document ID:	007595715
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	561.330009
Receiving EPAID:	WAD981769110

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 3339344
Sequence Number: 1836558
Shipment Date: 2014-09-07 00:00:00
Mainfest Document ID: 006765050
Reported Quanity: 165
Unit of Measure: GAL
Kilograms Quanity: 561.330009
Receiving EPAID: WAD981769110

Waste Sequence Number: 3339284
Sequence Number: 1836516
Shipment Date: 2014-10-09 00:00:00
Mainfest Document ID: 006767214
Reported Quanity: 3200
Unit of Measure: LB
Kilograms Quanity: 1451.52002
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 149508
Waste Sequence Number: 3339344
Sequence Number: 853170
Received EPAID: WAD981769110
Managed Quanity: 385
Kilogram Quanity: 1309.77002
Recycled Percentage: 50
Waste Management System Code: H020

Waste Sequence Number: 3339284
Sequence Number: 852980
Received EPAID: IDD073114654
Managed Quanity: 3200
Kilogram Quanity: 1451.52002
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339349
Sequence Number: 853198
Received EPAID: WAD981769110
Managed Quanity: 550
Kilogram Quanity: 249.480004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 149508
Comments: The baghouse dust fines waste was generated over a period of four months, and was shipped out on 10/9/14.
Waste Sequence Number: 3339284
Sequence Number: 1

Comments: Waste is managed by first recovering the solvents (approximately 50% of the waste), and then incinerating the remaining paint solids.
Waste Sequence Number: 3339344
Sequence Number: 1

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Stream EPA Code:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339344
Sequence Number:	7559583
WCDA Code:	D001
Waste Sequence Number:	3339344
Sequence Number:	7559584
WCDA Code:	F003
Waste Sequence Number:	3339344
Sequence Number:	7559585
WCDA Code:	F005
Waste Sequence Number:	3339349
Sequence Number:	7558248
WCDA Code:	D001
Waste Sequence Number:	3339349
Sequence Number:	7558249
WCDA Code:	F003
Waste Sequence Number:	3339349
Sequence Number:	7558250
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339284
Sequence Number:	1
WCDD Code:	G21
Waste Sequence Number:	3339344
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3339349
Sequence Number:	1
WCDD Code:	G06

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	145563
Sequence Number:	3294292
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1650
Quanity Unit:	LB
Kilograms Quanity:	748.440012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	145563
Sequence Number:	3294289
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	345
Quanity Unit:	GAL
Kilograms Quanity:	1173.69002
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	145563
Waste Sequence Number:	3294292
Sequence Number:	1753478
Shipment Date:	2013-03-19 00:00:00
Mainfest Document ID:	009640256JJI

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	150
Unit of Measure:	LB
Kilograms Quanity:	68.0400011
Receiving EPAID:	NED981723513
Waste Sequence Number:	3294292
Sequence Number:	1753480
Shipment Date:	2013-08-05 00:00:00
Mainfest Document ID:	009640361JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	ARD069748192
Waste Sequence Number:	3294292
Sequence Number:	1753479
Shipment Date:	2013-06-05 00:00:00
Mainfest Document ID:	009640321JJK
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	TXD055141378
Waste Sequence Number:	3294292
Sequence Number:	1753477
Shipment Date:	2013-01-17 00:00:00
Mainfest Document ID:	005224151FLE
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3294289
Sequence Number:	1753472
Shipment Date:	2013-01-17 00:00:00
Mainfest Document ID:	009640216JJK
Reported Quanity:	15
Unit of Measure:	GAL
Kilograms Quanity:	51.0300008
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3294289
Sequence Number:	1753473
Shipment Date:	2013-03-15 00:00:00
Mainfest Document ID:	009640254JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3294289
Sequence Number:	1753475
Shipment Date:	2013-08-05 00:00:00
Mainfest Document ID:	009640360JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: NED981723513

Waste Sequence Number: 3294289
Sequence Number: 1753474
Shipment Date: 2013-06-05 00:00:00
Mainfest Document ID: 009640320JJK
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: NED981723513

Waste Sequence Number: 3294289
Sequence Number: 1753476
Shipment Date: 2013-10-16 00:00:00
Mainfest Document ID: 009640420JJK
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 145563
Waste Sequence Number: 3294292
Sequence Number: 823909
Received EPAID: NED981723513
Managed Quanity: 150
Kilogram Quanity: 68.0400011
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294292
Sequence Number: 823911
Received EPAID: WAD981769110
Managed Quanity: 800
Kilogram Quanity: 362.880006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3294292
Sequence Number: 823908
Received EPAID: ARD069748192
Managed Quanity: 300
Kilogram Quanity: 136.080002
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294292
Sequence Number: 823910
Received EPAID: TXD055141378
Managed Quanity: 400
Kilogram Quanity: 181.440003
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294289
Sequence Number: 823905
Received EPAID: NED981723513

PROGRESS RAIL SERVICES (Continued) **1000105883**

Managed Quanity: 275
Kilogram Quanity: 935.550016
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294289
Sequence Number: 823906
Received EPAID: UTD981552177
Managed Quanity: 70
Kilogram Quanity: 238.140004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream EPA Code:
CORB Waste Sequence Number: 145563
Waste Sequence Number: 3294292
Sequence Number: 7365788
WCDA Code: D001

Waste Sequence Number: 3294292
Sequence Number: 7365789
WCDA Code: D035

Waste Sequence Number: 3294292
Sequence Number: 7365790
WCDA Code: F003

Waste Sequence Number: 3294292
Sequence Number: 7365791
WCDA Code: F005

Waste Sequence Number: 3294289
Sequence Number: 7365750
WCDA Code: D001

Waste Sequence Number: 3294289
Sequence Number: 7365751
WCDA Code: D035

Waste Sequence Number: 3294289
Sequence Number: 7365752
WCDA Code: F003

Waste Sequence Number: 3294289
Sequence Number: 7365753
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 145563
Waste Sequence Number: 3294289
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3294292
Sequence Number: 1
WCDD Code: G06

PROGRESS RAIL SERVICES (Continued) **1000105883**

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D007, D009, D018, F003, F005
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Stephanie J Gregg
Site Contact Address:	PO Box 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(310)982-0981
Site Contact Email:	sgregg@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W316
Description:	Pellets (Product # Citation CT-8500-T)
CORb Sequence Number:	137536
Sequence Number:	2670046
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	90
Quanity Unit:	LB
Kilograms Quanity:	40.8240007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	137536
Sequence Number:	2670071

PROGRESS RAIL SERVICES (Continued) **1000105883**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	381
Quanity Unit:	GAL
Kilograms Quanity:	1296.16202
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oil, diesel, antifreeze, water mixture
CORb Sequence Number:	137536
Sequence Number:	2670078
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	138
Quanity Unit:	GAL
Kilograms Quanity:	469.476008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oil, diesel, antifreeze, water mixture
CORb Sequence Number:	137536
Sequence Number:	2670085
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	219
Quanity Unit:	GAL
Kilograms Quanity:	745.038012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Engine oil sludge/soil regulated with chromium
CORb Sequence Number:	137536
Sequence Number:	2670055
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags, towels contaminated with paint and thinners
CORb Sequence Number:	137536
Sequence Number:	2670072
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	891
Quanity Unit:	LB
Kilograms Quanity:	404.157606
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oils and antifreeze mixture
CORb Sequence Number:	137536
Sequence Number:	2670079
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity: 374.220006
Density Number: 7.5
Density Quanity: PPG

Shipments Send:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670079
Sequence Number: 1381783
Shipment Date: 2012-02-03 00:00:00
Mainfest Document ID: 004447445FLE
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670055
Sequence Number: 1381742
Shipment Date: 2012-08-03 00:00:00
Mainfest Document ID: 004449532FLE
Reported Quanity: 55
Unit of Measure: GAL
Kilograms Quanity: 187.110003
Receiving EPAID: IDD073114654

Waste Sequence Number: 2670072
Sequence Number: 1381760
Shipment Date: 2012-10-08 00:00:00
Mainfest Document ID: 004445775FLE
Reported Quanity: 424
Unit of Measure: LB
Kilograms Quanity: 192.326403
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670072
Sequence Number: 1381759
Shipment Date: 2012-08-03 00:00:00
Mainfest Document ID: 004449531FLE
Reported Quanity: 467
Unit of Measure: LB
Kilograms Quanity: 211.831203
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670071
Sequence Number: 1381756
Shipment Date: 2012-06-28 00:00:00
Mainfest Document ID: 004449982FLE
Reported Quanity: 14
Unit of Measure: GAL
Kilograms Quanity: 47.6280008
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670071
Sequence Number: 1381757
Shipment Date: 2012-08-03 00:00:00
Mainfest Document ID: 004449531FLE
Reported Quanity: 47
Unit of Measure: GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	159.894002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381758
Shipment Date:	2012-12-05 00:00:00
Mainfest Document ID:	003455739FLE
Reported Quanity:	140
Unit of Measure:	GAL
Kilograms Quanity:	476.280008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381755
Shipment Date:	2012-05-22 00:00:00
Mainfest Document ID:	004449666FLE
Reported Quanity:	180
Unit of Measure:	GAL
Kilograms Quanity:	612.360010
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670078
Sequence Number:	1381775
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	004447445FLE
Reported Quanity:	138
Unit of Measure:	GAL
Kilograms Quanity:	469.476008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670085
Sequence Number:	1381798
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	004447445FLE
Reported Quanity:	219
Unit of Measure:	GAL
Kilograms Quanity:	745.038012
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670046
Sequence Number:	1381679
Shipment Date:	2012-05-22 00:00:00
Mainfest Document ID:	004449667FLE
Reported Quanity:	90
Unit of Measure:	LB
Kilograms Quanity:	40.8240007
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137536
Waste Sequence Number:	2670079
Sequence Number:	669652
Received EPAID:	WAD981769110
Managed Quanity:	110
Kilogram Quanity:	374.220006
Recycled Percentage:	0
Waste Management System Code:	H061

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2670055
Sequence Number: 669638
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2670072
Sequence Number: 669641
Received EPAID: WAD981769110
Managed Quanity: 891
Kilogram Quanity: 404.157606
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2670071
Sequence Number: 669640
Received EPAID: WAD981769110
Managed Quanity: 381
Kilogram Quanity: 1296.16202
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670078
Sequence Number: 669647
Received EPAID: WAD981769110
Managed Quanity: 138
Kilogram Quanity: 469.476008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670085
Sequence Number: 669656
Received EPAID: WAD981769110
Managed Quanity: 219
Kilogram Quanity: 745.038012
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670046
Sequence Number: 669616
Received EPAID: IDD073114654
Managed Quanity: 90
Kilogram Quanity: 40.8240007
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 137536
Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Antifreeze and oil mixture
Waste Sequence Number: 2670078
Sequence Number: 1

Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Antifreeze and oil mixture

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2670079
Sequence Number: 1

Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Oil, diesel, antifreeze, water mixture
Waste Sequence Number: 2670085
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670046
Sequence Number: 5941283
WCDA Code: D001

Waste Sequence Number: 2670071
Sequence Number: 5941085
WCDA Code: D001

Waste Sequence Number: 2670071
Sequence Number: 5941086
WCDA Code: F003

Waste Sequence Number: 2670071
Sequence Number: 5941087
WCDA Code: F005

Waste Sequence Number: 2670085
Sequence Number: 5941277
WCDA Code: D009

Waste Sequence Number: 2670085
Sequence Number: 5941278
WCDA Code: D018

Waste Sequence Number: 2670055
Sequence Number: 5941014
WCDA Code: D007

Waste Sequence Number: 2670072
Sequence Number: 5941297
WCDA Code: D001

Waste Sequence Number: 2670072
Sequence Number: 5941298
WCDA Code: F003

Waste Sequence Number: 2670072
Sequence Number: 5941299
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670071
Sequence Number: 1
WCDD Code: G06

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2670072
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2670046
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	2670055
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	2670078
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2670079
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2670085
Sequence Number:	1
WCDD Code:	G09

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Stephanie J Gregg
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(310)982-0981
Site Contact Email:	sgregg@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001

PROGRESS RAIL SERVICES (Continued) **1000105883**

Description:	Loosepack Paint Related Material
CORb Sequence Number:	131761
Sequence Number:	2645039
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	151
Quanity Unit:	LB
Kilograms Quanity:	68.4936011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DR112
CORb Sequence Number:	131761
Sequence Number:	2645040
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Lab Pack See Inventory Sheet
CORb Sequence Number:	131761
Sequence Number:	2645056
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	GAL
Kilograms Quanity:	71.4420012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Corrosive Acid Lab Pack
CORb Sequence Number:	131761
Sequence Number:	2645057
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.07200015
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	131761
Sequence Number:	2645033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1422
Quanity Unit:	LB
Kilograms Quanity:	645.019211
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Tectyl
CORb Sequence Number:	131761
Sequence Number:	2645035
Mixed Radioactive Flag:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Designation Code:	D
Reported Quanity:	270
Quanity Unit:	LB
Kilograms Quanity:	122.472002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags, towels contaminated with paint and thinners
CORb Sequence Number:	131761
Sequence Number:	2643064
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	92
Quanity Unit:	LB
Kilograms Quanity:	41.7312007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	A C 20 NF
CORb Sequence Number:	131761
Sequence Number:	2645041
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	500
Quanity Unit:	LB
Kilograms Quanity:	226.800003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	131761
Waste Sequence Number:	2645033
Sequence Number:	1299008
Shipment Date:	2011-09-16 00:00:00
Mainfest Document ID:	4448936FLE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	1422
Unit of Measure:	LB
Kilograms Quanity:	645.019211
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645035
Sequence Number:	1299025
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391209FLE
Reported Quanity:	270
Unit of Measure:	LB
Kilograms Quanity:	122.472002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645056
Sequence Number:	1299046
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208FLE
Reported Quanity:	21
Unit of Measure:	GAL
Kilograms Quanity:	71.4420012
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2645039
Sequence Number:	1299027
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391209FLE
Reported Quanity:	151
Unit of Measure:	LB
Kilograms Quanity:	68.4936011
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645040
Sequence Number:	1299032
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2645057
Sequence Number:	1298969
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208FLE
Reported Quanity:	20
Unit of Measure:	LB
Kilograms Quanity:	9.07200015
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2643064
Sequence Number:	1295802
Shipment Date:	2011-08-26 00:00:00
Mainfest Document ID:	004448820FLE
Reported Quanity:	92
Unit of Measure:	LB
Kilograms Quanity:	41.7312007

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2645041
Sequence Number: 1299036
Shipment Date: 2011-10-19 00:00:00
Mainfest Document ID: 4391208
Reported Quanity: 500
Unit of Measure: LB
Kilograms Quanity: 226.800003
Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 131761
Waste Sequence Number: 2643064
Sequence Number: 639081
Received EPAID: WAD981769110
Managed Quanity: 92
Kilogram Quanity: 41.7312007
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2645041
Sequence Number: 641670
Received EPAID: WAD991281767
Managed Quanity: 500
Kilogram Quanity: 226.800003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2645033
Sequence Number: 641646
Received EPAID: WAD981769110
Managed Quanity: 1422
Kilogram Quanity: 645.019211
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 2645035
Sequence Number: 641651
Received EPAID: WAD981769110
Managed Quanity: 270
Kilogram Quanity: 122.472002
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2645056
Sequence Number: 641677
Received EPAID: WAD991281767
Managed Quanity: 21
Kilogram Quanity: 71.4420012
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2645039
Sequence Number: 641658
Received EPAID: WAD981769110
Managed Quanity: 151

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilogram Quanity: 68.4936011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2645040
Sequence Number: 641664
Received EPAID: WAD991281767
Managed Quanity: 200
Kilogram Quanity: 90.7200015
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2645057
Sequence Number: 641625
Received EPAID: WAD991281767
Managed Quanity: 20
Kilogram Quanity: 9.07200015
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 131761
Comments: A-2: Sodium Hydroxide, solid, mixture
Waste Sequence Number: 2645040
Sequence Number: 1

Comments: A-2: Tetrasodium pyrophosphate, sodium metilicate
Waste Sequence Number: 2645041
Sequence Number: 1

Comments: A-2: Waste tetrachloroethylene
Waste Sequence Number: 2645056
Sequence Number: 1

Comments: A-2: Hydrochloric Acid
Waste Sequence Number: 2645057
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 131761
Waste Sequence Number: 2645039
Sequence Number: 5786087
WCDA Code: D001

Waste Sequence Number: 2645039
Sequence Number: 5786088
WCDA Code: D035

Waste Sequence Number: 2645056
Sequence Number: 5786316
WCDA Code: D039

Waste Sequence Number: 2645056
Sequence Number: 5786317
WCDA Code: U210

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2645057
Sequence Number:	5786355
WCDA Code:	D002
Waste Sequence Number:	2643064
Sequence Number:	5785960
WCDA Code:	D001
Waste Sequence Number:	2643064
Sequence Number:	5785961
WCDA Code:	F003
Waste Sequence Number:	2643064
Sequence Number:	5785962
WCDA Code:	F005
Waste Sequence Number:	2645033
Sequence Number:	5785996
WCDA Code:	D001
Waste Sequence Number:	2645033
Sequence Number:	5785997
WCDA Code:	F003
Waste Sequence Number:	2645033
Sequence Number:	5785998
WCDA Code:	F005

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WP03
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate
Off-Specification:	Not reported
LN Address 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Mark Hall
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(256)505-6055
Site Contact Email:	mhall@progressrail.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Corrosive Labpack
CORb Sequence Number:	128770
Sequence Number:	2499730
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	150
Quanity Unit:	LB
Kilograms Quanity:	68.040001170288022
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquid Loosepack
CORb Sequence Number:	128770
Sequence Number:	2499766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	506
Quanity Unit:	LB
Kilograms Quanity:	229.52160394777161
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-RCRA Labpack
CORb Sequence Number:	128770
Sequence Number:	2499759
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.216000468115208
Density Number:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Quanity: Not reported

Shipments Send:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	1165904
Shipment Date:	4/12/2010
Mainfest Document ID:	002267251FLE
Reported Quanity:	150
Unit of Measure:	LB
Kilograms Quanity:	68.040001170288
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2499766
Sequence Number:	1165915
Shipment Date:	4/12/2010
Mainfest Document ID:	002267250FLE
Reported Quanity:	506
Unit of Measure:	LB
Kilograms Quanity:	229.521603947772
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2499759
Sequence Number:	1165912
Shipment Date:	4/12/2010
Mainfest Document ID:	002267251FLE
Reported Quanity:	60
Unit of Measure:	LB
Kilograms Quanity:	27.2160004681152
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	593505
Received EPAID:	IDD073114654
Managed Quanity:	150
Kilogram Quanity:	68.040001170288022
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2499759
Sequence Number:	593513
Received EPAID:	IDD073114654
Managed Quanity:	60
Kilogram Quanity:	27.216000468115208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2499766
Sequence Number:	593518
Received EPAID:	WAD981769110
Managed Quanity:	506
Kilogram Quanity:	229.52160394777161
Recycled Percentage:	0
Waste Management System Code:	H141

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Stream Comments:

CORB Waste Sequence Number:	128770
Comments:	A-7 Detail - Non-RCRA Labpack Dangerous Waste only
Waste Sequence Number:	2499759
Sequence Number:	1
Comments:	A-7 & A-8 Detail - Waste corrosive liquid
Waste Sequence Number:	2499730
Sequence Number:	1
Comments:	A-7 Detail - Waste Flammable Liquids
Waste Sequence Number:	2499766
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	5459343
WCDA Code:	D002
Waste Sequence Number:	2499766
Sequence Number:	5459403
WCDA Code:	D001
Waste Sequence Number:	2499766
Sequence Number:	5459404
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2499759
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	2499766
Sequence Number:	1
WCDD Code:	G09

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Coast Engine & Equipment Corp
Mailing Address:	4012 SR 509 S Frontage Rd
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Coast Engine & Equipment Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4012 SR 509 S Frontage Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)922-5955
Legal Effective Date:	08/29/1996
Land Organization Name:	Tacoma Port
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Coast Engine & Equipment Corp
Operator Organization Type:	Private
Operator:	Dave Swanson
Operator Address:	4012 SR 509 S. Frontage Rd.
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-3537
Operator Phone Number:	(253)922-5955
Operator Effective Date:	01/01/1997
Site Contact:	Greg Seifert
Site Contact Address:	4012 SR 509 S FRONTAGE RD
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253922-5955
Site Contact Email:	gseifert@ceeco.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	STILLBOTTOMS FROM SPENT PARTS WASHER SOLVENT
CORb Sequence Number:	119478
Sequence Number:	2006981
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	254
Quanity Unit:	GAL
Kilograms Quanity:	864.10801486265791
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS
CORb Sequence Number:	119478
Sequence Number:	2006983
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	9998
Quanity Unit:	LB
Kilograms Quanity:	4535.0928780035974
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	MINERAL SPIRITS W/SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006979
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	883
Quanity Unit:	LB
Kilograms Quanity:	400.52880688909551
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	WASTE PAINTS, SOLVENTS & STILLBOTTOMS
CORb Sequence Number:	119478
Sequence Number:	2006978
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3766
Quanity Unit:	LB
Kilograms Quanity:	1708.2576293820314
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	LABPACK CORROSIVE LIQUID
CORb Sequence Number:	119478
Sequence Number:	2006976
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	LB

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	6.804000117028802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ENGINE COMPARTMENT OILY SLUDGE/DEBRIS
CORb Sequence Number:	119478
Sequence Number:	2006973
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3485
Quanity Unit:	LB
Kilograms Quanity:	1580.7960271896918
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W603
Description:	SLUDGE/GREASE/OIL
CORb Sequence Number:	119478
Sequence Number:	2006974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	LB
Kilograms Quanity:	272.16000468115209
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SANDBLAST GRIT
CORb Sequence Number:	119478
Sequence Number:	2006970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4325
Quanity Unit:	LB
Kilograms Quanity:	1961.8200337433047
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006984
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49058
Quanity Unit:	LB
Kilograms Quanity:	22252.709182746599
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RAINSE WATER FROM OIL WATER SEPARATOR/MART SUMP
CORb Sequence Number:	119478
Sequence Number:	2006971
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13995
Quanity Unit:	LB
Kilograms Quanity:	6348.1321091878726
Density Number:	0
Density Quanity:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART TANK
CORb Sequence Number:	119478
Sequence Number:	2006972
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7485
Quanity Unit:	LB
Kilograms Quanity:	3395.1960583973723
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	119478
Waste Sequence Number:	2006984
Sequence Number:	960810
Shipment Date:	5/22/2009
Mainfest Document ID:	001415184JJK
Reported Quanity:	4564
Unit of Measure:	LB
Kilograms Quanity:	2070.23043560796
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006981
Sequence Number:	960805
Shipment Date:	1/1/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	211
Unit of Measure:	GAL
Kilograms Quanity:	717.822012346539
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006983
Sequence Number:	960808
Shipment Date:	9/9/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	9998
Unit of Measure:	LB
Kilograms Quanity:	4535.0928780036
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006981
Sequence Number:	960804
Shipment Date:	5/12/2009
Mainfest Document ID:	001415097JJK
Reported Quanity:	43
Unit of Measure:	GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	146.286002516119
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006970
Sequence Number:	960786
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	740
Unit of Measure:	LB
Kilograms Quanity:	335.664005773421
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006984
Sequence Number:	960809
Shipment Date:	1/7/2009
Mainfest Document ID:	002266237FLE
Reported Quanity:	4794
Unit of Measure:	LB
Kilograms Quanity:	2174.55843740241
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006984
Sequence Number:	960811
Shipment Date:	8/31/2009
Mainfest Document ID:	002569536FLE
Reported Quanity:	39700
Unit of Measure:	LB
Kilograms Quanity:	18007.9203097362
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006970
Sequence Number:	960785
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	3585
Unit of Measure:	LB
Kilograms Quanity:	1626.15602796988
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006979
Sequence Number:	960802
Shipment Date:	3/6/2009
Mainfest Document ID:	002568876FLE
Reported Quanity:	463
Unit of Measure:	LB
Kilograms Quanity:	210.016803612289
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006979
Sequence Number:	960801
Shipment Date:	2/2/2009
Mainfest Document ID:	002568529FLE
Reported Quanity:	420
Unit of Measure:	LB
Kilograms Quanity:	190.512003276806
Receiving EPAID:	WAD981769110

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2006980
Sequence Number:	960803
Shipment Date:	1/29/2009
Mainfest Document ID:	000269851FLE
Reported Quanity:	486
Unit of Measure:	GAL
Kilograms Quanity:	1653.372028438
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	119478
Waste Sequence Number:	2006979
Sequence Number:	490987
Received EPAID:	WAD981769110
Managed Quanity:	883
Kilogram Quanity:	400.52880688909551
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2006971
Sequence Number:	490994
Received EPAID:	IDD073114654
Managed Quanity:	13995
Kilogram Quanity:	6348.1321091878726
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006972
Sequence Number:	490995
Received EPAID:	IDD073114654
Managed Quanity:	7485
Kilogram Quanity:	3395.1960583973723
Recycled Percentage:	0
Waste Management System Code:	H111
Waste Sequence Number:	2006975
Sequence Number:	490998
Received EPAID:	IDD073114654
Managed Quanity:	60
Kilogram Quanity:	27.216000468115208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006973
Sequence Number:	490996
Received EPAID:	IDD073114654
Managed Quanity:	3485
Kilogram Quanity:	1580.7960271896918
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006974
Sequence Number:	490997
Received EPAID:	IDD073114654
Managed Quanity:	600
Kilogram Quanity:	272.16000468115209
Recycled Percentage:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Management System Code: H132

Waste Sequence Number: 2006970
Sequence Number: 490993
Received EPAID: IDD073114654
Managed Quanity: 4325
Kilogram Quanity: 1961.8200337433047
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006984
Sequence Number: 490992
Received EPAID: ORD089452353
Managed Quanity: 49058
Kilogram Quanity: 22252.709182746599
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006981
Sequence Number: 490989
Received EPAID: WAD981769110
Managed Quanity: 254
Kilogram Quanity: 864.10801486265791
Recycled Percentage: 0
Waste Management System Code: H020

Waste Sequence Number: 2006983
Sequence Number: 490991
Received EPAID: WAD981769110
Managed Quanity: 9998
Kilogram Quanity: 4535.0928780035974
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006976
Sequence Number: 490999
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 6.804000117028802
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 119478
Comments: A-7. SANDBLASTING LOCOMOTIVES A-8. SANDBLAST GRIT W/METALS
Waste Sequence Number: 2006970
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006973
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006974
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006975
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006976
Sequence Number: 1

Comments: A-7. LOCOMOTIVE MAINTENANCE AND REPAIR
Waste Sequence Number: 2006979
Sequence Number: 1

Comments: A-8. DIESEL, SLUDGE, AND WATER
Waste Sequence Number: 2006980
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED PRODUCT
Waste Sequence Number: 2006983
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006971
Sequence Number: 4309378
WCDA Code: D007

Waste Sequence Number: 2006971
Sequence Number: 4309379
WCDA Code: D008

Waste Sequence Number: 2006972
Sequence Number: 4309436
WCDA Code: D008

Waste Sequence Number: 2006975
Sequence Number: 4309443
WCDA Code: D002

Waste Sequence Number: 2006970
Sequence Number: 4309369
WCDA Code: D004

Waste Sequence Number: 2006970
Sequence Number: 4309370
WCDA Code: D007

Waste Sequence Number: 2006970
Sequence Number: 4309371
WCDA Code: D008

Waste Sequence Number: 2006984
Sequence Number: 4309450
WCDA Code: D002

Waste Sequence Number: 2006980
Sequence Number: 4309447
WCDA Code: D018

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006982
Sequence Number: 4309448
WCDA Code: F005

Waste Sequence Number: 2006973
Sequence Number: 4309437
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006970
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006971
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006972
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006973
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006974
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006975
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006976
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006978
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2006979
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006980
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2006981
Sequence Number: 1
WCDD Code: G13

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Mark Hall
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(256)505-6055

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Email:	mhall@progressrail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	STILLBOTTOMS FROM SPENT PARTS WASHER SOLVENT
CORb Sequence Number:	119478
Sequence Number:	2006981
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	254
Quanity Unit:	GAL
Kilograms Quanity:	864.10801486265791
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS
CORb Sequence Number:	119478
Sequence Number:	2006983
Mixed Radioactive Flag:	False
Designation Code:	D

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	9998
Quanity Unit:	LB
Kilograms Quanity:	4535.0928780035974
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	MINERAL SPIRITS W/SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006979
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	883
Quanity Unit:	LB
Kilograms Quanity:	400.52880688909551
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	WASTE PAINTS, SOLVENTS & STILLBOTTOMS
CORb Sequence Number:	119478
Sequence Number:	2006978
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3766
Quanity Unit:	LB
Kilograms Quanity:	1708.2576293820314
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	LABPACK CORROSIVE LIQUID
CORb Sequence Number:	119478
Sequence Number:	2006976
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	LB
Kilograms Quanity:	6.804000117028802
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ENGINE COMPARTMENT OILY SLUDGE/DEBRIS
CORb Sequence Number:	119478
Sequence Number:	2006973
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3485
Quanity Unit:	LB
Kilograms Quanity:	1580.7960271896918
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W603
Description:	SLUDGE/GREASE/OIL
CORb Sequence Number:	119478
Sequence Number:	2006974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	LB
Kilograms Quanity:	272.16000468115209
Density Number:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SANDBLAST GRIT
CORb Sequence Number:	119478
Sequence Number:	2006970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4325
Quanity Unit:	LB
Kilograms Quanity:	1961.8200337433047
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006984
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49058
Quanity Unit:	LB
Kilograms Quanity:	22252.709182746599
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113

PROGRESS RAIL SERVICES (Continued) **1000105883**

Description:	RAINSE WATER FROM OIL WATER SEPARATOR/MART SUMP
CORb Sequence Number:	119478
Sequence Number:	2006971
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13995
Quanity Unit:	LB
Kilograms Quanity:	6348.1321091878726
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART TANK
CORb Sequence Number:	119478
Sequence Number:	2006972
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7485
Quanity Unit:	LB
Kilograms Quanity:	3395.1960583973723
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	119478
Waste Sequence Number:	2006984
Sequence Number:	960810
Shipment Date:	5/22/2009
Mainfest Document ID:	001415184JJK
Reported Quanity:	4564
Unit of Measure:	LB
Kilograms Quanity:	2070.23043560796
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006981
Sequence Number:	960805
Shipment Date:	1/1/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	211
Unit of Measure:	GAL
Kilograms Quanity:	717.822012346539
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006983
Sequence Number:	960808
Shipment Date:	9/9/2009
Mainfest Document ID:	002569584FLE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	9998
Unit of Measure:	LB
Kilograms Quanity:	4535.0928780036
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006981
Sequence Number:	960804
Shipment Date:	5/12/2009
Mainfest Document ID:	001415097JJK
Reported Quanity:	43
Unit of Measure:	GAL
Kilograms Quanity:	146.286002516119
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006970
Sequence Number:	960786
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	740
Unit of Measure:	LB
Kilograms Quanity:	335.664005773421
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006984
Sequence Number:	960809
Shipment Date:	1/7/2009
Mainfest Document ID:	002266237FLE
Reported Quanity:	4794
Unit of Measure:	LB
Kilograms Quanity:	2174.55843740241
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006984
Sequence Number:	960811
Shipment Date:	8/31/2009
Mainfest Document ID:	002569536FLE
Reported Quanity:	39700
Unit of Measure:	LB
Kilograms Quanity:	18007.9203097362
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006970
Sequence Number:	960785
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	3585
Unit of Measure:	LB
Kilograms Quanity:	1626.15602796988
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006979
Sequence Number:	960802
Shipment Date:	3/6/2009
Mainfest Document ID:	002568876FLE
Reported Quanity:	463
Unit of Measure:	LB
Kilograms Quanity:	210.016803612289

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2006979
Sequence Number: 960801
Shipment Date: 2/2/2009
Mainfest Document ID: 002568529FLE
Reported Quanity: 420
Unit of Measure: LB
Kilograms Quanity: 190.512003276806
Receiving EPAID: WAD981769110

Waste Sequence Number: 2006980
Sequence Number: 960803
Shipment Date: 1/29/2009
Mainfest Document ID: 000269851FLE
Reported Quanity: 486
Unit of Measure: GAL
Kilograms Quanity: 1653.372028438
Receiving EPAID: WAD981769110

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 119478
Waste Sequence Number: 2006979
Sequence Number: 490987
Received EPAID: WAD981769110
Managed Quanity: 883
Kilogram Quanity: 400.52880688909551
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006971
Sequence Number: 490994
Received EPAID: IDD073114654
Managed Quanity: 13995
Kilogram Quanity: 6348.1321091878726
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006972
Sequence Number: 490995
Received EPAID: IDD073114654
Managed Quanity: 7485
Kilogram Quanity: 3395.1960583973723
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006975
Sequence Number: 490998
Received EPAID: IDD073114654
Managed Quanity: 60
Kilogram Quanity: 27.216000468115208
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006973
Sequence Number: 490996
Received EPAID: IDD073114654

PROGRESS RAIL SERVICES (Continued) **1000105883**

Managed Quanity: 3485
Kilogram Quanity: 1580.7960271896918
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006974
Sequence Number: 490997
Received EPAID: IDD073114654
Managed Quanity: 600
Kilogram Quanity: 272.16000468115209
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006970
Sequence Number: 490993
Received EPAID: IDD073114654
Managed Quanity: 4325
Kilogram Quanity: 1961.8200337433047
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006984
Sequence Number: 490992
Received EPAID: ORD089452353
Managed Quanity: 49058
Kilogram Quanity: 22252.709182746599
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006981
Sequence Number: 490989
Received EPAID: WAD981769110
Managed Quanity: 254
Kilogram Quanity: 864.10801486265791
Recycled Percentage: 0
Waste Management System Code: H020

Waste Sequence Number: 2006983
Sequence Number: 490991
Received EPAID: WAD981769110
Managed Quanity: 9998
Kilogram Quanity: 4535.0928780035974
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006976
Sequence Number: 490999
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 6.804000117028802
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 119478
Comments: A-7. SANDBLASTING LOCOMOTIVES A-8. SANDBLAST GRIT W/METALS
Waste Sequence Number: 2006970

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006973
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006974
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006975
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006976
Sequence Number: 1

Comments: A-7. LOCOMOTIVE MAINTENANCE AND REPAIR
Waste Sequence Number: 2006979
Sequence Number: 1

Comments: A-8. DIESEL, SLUDGE, AND WATER
Waste Sequence Number: 2006980
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED PRODUCT
Waste Sequence Number: 2006983
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006971
Sequence Number: 4309378
WCDA Code: D007

Waste Sequence Number: 2006971
Sequence Number: 4309379
WCDA Code: D008

Waste Sequence Number: 2006972
Sequence Number: 4309436
WCDA Code: D008

Waste Sequence Number: 2006975
Sequence Number: 4309443
WCDA Code: D002

Waste Sequence Number: 2006970
Sequence Number: 4309369
WCDA Code: D004

Waste Sequence Number: 2006970
Sequence Number: 4309370
WCDA Code: D007

Waste Sequence Number: 2006970

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 4309371
WCDA Code: D008

Waste Sequence Number: 2006984
Sequence Number: 4309450
WCDA Code: D002

Waste Sequence Number: 2006980
Sequence Number: 4309447
WCDA Code: D018

Waste Sequence Number: 2006982
Sequence Number: 4309448
WCDA Code: F005

Waste Sequence Number: 2006973
Sequence Number: 4309437
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006970
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006971
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006972
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006973
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006974
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006975
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006976
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006978
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2006979
Sequence Number: 1
WCDD Code: G09

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006980
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2006981
Sequence Number: 1
WCDD Code: G13

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	PROGRESS RAIL SERVICES TACOMA
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24636186
Longitude:	-122.374981
Permit ID:	WAR000035
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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73 ESE 1/4-1/2 0.276 mi. 1455 ft. **BMW NORTHWEST INC** **WA ALLSITES** **S109824701**
4011 20TH ST E **N/A**
FIFE, WA 98424

Relative: Higher **Actual: 18 ft.**

ALLSITES:

Name:	BMW NORTHWEST INC
Facility Id:	16434792

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74 SSW 1/4-1/2 0.286 mi. 1512 ft. **UNION PACIFIC RAILROAD FIFE SPILL** **WA CSCSL** **S123096459**
WA ALLSITES **N/A**
, WA

Relative: Higher **Actual: 17 ft.**

CSCSL:

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD FIFE SPILL
Address: Not reported
City,State,Zip: WA
Facility ID: 75347
Region: Southwest
Lat/Long: 47.237622 / -122.383796
Clean Up Siteid: 14701
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD FIFE SPILL
Address: Not reported
City,State,Zip: WA
Facility ID: 75347
Region: Southwest
Lat/Long: 47.237622 / -122.383796
Clean Up Siteid: 14701
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD FIFE SPILL
Address: Not reported
City,State,Zip: WA
Facility ID: 75347
Region: Southwest
Lat/Long: 47.237622 / -122.383796
Clean Up Siteid: 14701
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: UNION PACIFIC RAILROAD FIFE SPILL
Facility Id: 75347

Q75
East
1/4-1/2
0.298 mi.
1576 ft.

NISSAN OF FIFE
1700 ALEXANDER AVE E
TACOMA, WA 98424

Site 1 of 2 in cluster Q

WA ALLSITES **S109824784**
N/A

Relative:
Lower

Actual:
15 ft.

ALLSITES:
Name: NISSAN OF FIFE
Facility Id: 23555

R76
WSW
1/4-1/2
0.307 mi.
1620 ft.

WES CRAFT RV & MARINE SVCS
3151 20TH ST E
FIFE, WA 98424

Site 1 of 7 in cluster R

WA ALLSITES **1001600447**
RCRA NonGen / NLR **WAR000011460**
FINDS
ECHO

Relative:
Higher

Actual:
17 ft.

ALLSITES:
Name: WES CRAFT RV & MARINE SVCS
Facility Id: 15494538

RCRA Listings:
Date Form Received by Agency: 2005-03-29 00:00:00.0
Handler Name: WES CRAFT RV & MARINE SVCS
Handler Address: 3151 20TH ST E
Handler City,State,Zip: FIFE, WA 98424
EPA ID: WAR000011460
Contact Name: RANDY GEHRKE
Contact Address: 3151 20TH ST E
Contact City,State,Zip: FIFE, WA 98424
Contact Telephone: 253-926-3443
Contact Fax: Not reported
Contact Email: WWW.WESCRAFT@INTEGRITY.COM
Contact Title: Not reported
EPA Region: 10
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

State District Owner:	WA
State District:	SWRO
Mailing Address:	3151 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	WES CRAFT INC
Owner Type:	Private
Operator Name:	WES CRAFT RV MARINE SVCS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 18:31:53.0
Recognized Trader-Importer:	No

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY G
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC W
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV & MARINE SVCS
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES & KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-03-28 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-28 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-29 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-11-12 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-11 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-08 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-28 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

NAICS Code:	81149
NAICS Description:	OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005406337

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600447
Registry ID:	110005406337
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005406337
Name:	WES CRAFT RV & MARINE SVCS
Address:	3151 20TH ST E
City,State,Zip:	FIFE, WA 98424

R77 **MODERN PRINTING GRAPHICS ADV** **WA ALLSITES** **1000658874**
SW **3216 20TH ST E** **RCRA NonGen / NLR** **WAD988485314**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.308 mi. **ECHO**
1627 ft. **Site 2 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	MODERN PRINTING GRAPHICS ADV
Facility Id:	77644258

RCRA Listings:

Date Form Received by Agency:	1991-04-21 00:00:00.0
Handler Name:	MODERN PRINTING GRAPHICS ADV
Handler Address:	3216 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988485314
Contact Name:	MODERN PRINTING MODERN PRINTING
Contact Address:	3216 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424-1713
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3216 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424-1713
Owner Name:	MODERN PRINTING M
Owner Type:	Private

MODERN PRINTING GRAPHICS ADV (Continued) **1000658874**

Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

MODERN PRINTING GRAPHICS ADV (Continued) **1000658874**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3216 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MODERN PRINTING M
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3216 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1713
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MODERN PRINTING GRAPHICS ADV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3216 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1713
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1991-04-21 00:00:00.0
Handler Name:	MODERN PRINTING GRAPHICS ADV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1991-04-21 00:00:00.0
Handler Name:	MODERN PRINTING GRAPHICS ADV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

MODERN PRINTING GRAPHICS ADV (Continued) **1000658874**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32311
NAICS Description:	PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005360199

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000658874
Registry ID:	110005360199
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005360199
Name:	MODERN PRINTING GRAPHICS ADV
Address:	3216 20TH ST E
City,State,Zip:	FIFE, WA 98424

R78 **CRESCENT LIGHTING - FIFE** **WA SWRCY** **S123794658**
SW **3214 20TH STREET EAST** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.309 mi.
1631 ft. **Site 3 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

SWRCY:

Name:	CRESCENT LIGHTING - FIFE
Address:	3214 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Phone:	253-922-1536
Website:	https://www.lightrecycle.org/
Material Accepted:	Light Bulbs - Fluorescent

CRESCENT LIGHTING - FIFE (Continued) **S123794658**

Type:	Commercial
Service Type:	Dropoff
Hours:	Mon-Fri, 8am-6pm; Sat, 10am-5pm
Comments:	Recycle up to 10 fluorescent lights, CFLs and HiDs per day for free.
Material Category:	Household Hazardous Waste
Organization ID:	1322
Organization Name:	LightRecycle Washington Organization
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	Yes

Name:	CRESCENT LIGHTING - FIFE
Address:	3214 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Phone:	253-922-1536
Website:	https://www.lightrecycle.org/
Material Accepted:	Light Bulbs - Fluorescent
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri, 8am-6pm; Sat, 10am-5pm
Comments:	Recycle up to 10 fluorescent lights, CFLs and HiDs per day for free.
Material Category:	Household Hazardous Waste
Organization ID:	1322
Organization Name:	LightRecycle Washington Organization
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	Yes

S79 **CLOSETMAID** **WA ALLSITES** **1011932335**
SSE **3900 INDUSTRY DR E STE G** **FINDS** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.309 mi.
1633 ft. **Site 1 of 3 in cluster S**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	CLOSETMAID
Facility Id:	3939978

FINDS:

Registry ID: 110037547456

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

P80 WNW 1/4-1/2 0.310 mi. 1635 ft. | **SAMS TIRE SERVICE INC**
3110 PACIFIC HWY
TACOMA, WA 98424

Site 2 of 2 in cluster P

WA UST | **1007078670**
WA ALLSITES | **N/A**
FINDS

Relative: Higher

Actual: 17 ft.

UST:

Name:	SAMS TIRE SERVICE INC
Address:	3110 PACIFIC HIGHWAY
City:	TACOMA
Zip:	98424
Facility ID:	3799146
Site Id:	100054
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242721
Decimal Longitude:	-122.388833
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SAMS TIRE SERVICE INC
Facility Id:	3799146

FINDS:

Registry ID: 110015553612

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

SAMS TIRE SERVICE INC (Continued) **1007078670**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

R81 **WEST MARINE 00024** **WA ALLSITES** **S112088213**
SW **3212 20TH ST E** **WA MANIFEST** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.310 mi.
1635 ft. **Site 4 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	WEST MARINE 00024
Facility Id:	15147

WA MANIFEST:

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D035,D004,D007
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported

WEST MARINE 00024 (Continued) **S112088213**

Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Gary Ford
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D003,U002,U154
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

WEST MARINE 00024 (Continued) **S112088213**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Gary Ford
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

WEST MARINE 00024 (Continued) **S112088213**

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035,D039,D004,U002,U154,U159,D002,D008,D011
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E

WEST MARINE 00024 (Continued) **S112088213**

Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035,D039,D004,U002,U154,U159,D002,D008,D011,D003,D005
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported

WEST MARINE 00024 (Continued) **S112088213**

Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02 - Toxic
Federal Waste Code Desc:	D001 - Waste Aerosols, D035 - Waste Aerosols, D039 - Waste Aerosols, D001 - Waste Flammable liquids, D004 - Waste Flammable liquids, U002 - Waste Flammable liquids, U154 Waste Flammable liquids, U159 Waste Flammable liquids, D001 Waste Fusee, D001 Waste Cartridges, Signal, D003 Waste Cartridges, Signal, D005 Waste Cartridges, Signal, D002 - Amines, Liquid, Corrosive
Form Comm:	Not reported

WEST MARINE 00024 (Continued) **S112088213**

Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

WEST MARINE 00024 (Continued) **S112088213**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, D039, D004, D005, U002, U154, U159, D008, D006, D007, D010, D011, D018, D027, D003,
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	True
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate, Batteries - Accumulate, Lamps - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr

WEST MARINE 00024 (Continued) **S112088213**

Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

S82 **INK INC INDUSTRY DR** **WA ALLSITES** **1000119356**
SSE **3900F INDUSTRY DR E** **RCRA NonGen / NLR** **WAD981763451**
1/4-1/2 **TACOMA, WA 98424**
0.310 mi.
1636 ft. **Site 2 of 3 in cluster S**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	INK INC INDUSTRY DR
Facility Id:	97796511

RCRA Listings:

Date Form Received by Agency:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Handler Address:	3900F INDUSTRY DR E
Handler City,State,Zip:	TACOMA, WA 98424-1849
EPA ID:	WAD981763451
Contact Name:	INK INC INK INC
Contact Address:	3900 INDUSTRY DR E STE F
Contact City,State,Zip:	TACOMA, WA 98424-1809
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10

INK INC INDUSTRY DR (Continued) **1000119356**

Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3900 INDUSTRY DR E STE F
Mailing City,State,Zip:	TACOMA, WA 98424-1809
Owner Name:	INK INC I
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

INK INC INDUSTRY DR (Continued) **1000119356**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:23:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1849
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC I
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1809
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INK INC INDUSTRY DR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC INDUSTRY DR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E

INK INC INDUSTRY DR (Continued) **1000119356**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1809
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

INK INC INDUSTRY DR (Continued) **1000119356**

Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	323111
NAICS Description:	COMMERCIAL GRAVURE PRINTING
NAICS Code:	323119
NAICS Description:	OTHER COMMERCIAL PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

---

83 ESE 1/4-1/2 0.314 mi. 1658 ft.

BMW NORTHWEST VEHICLE DISPLAY LOT **WA ALLSITES** **S111289256**
1902 GOLDAU RD E **N/A**
FIFE, WA 98424

Relative: Higher
Actual: 17 ft.

ALLSITES:

Name:	BMW NORTHWEST VEHICLE DISPLAY LOT
Facility Id:	21366

R84 SW 1/4-1/2 0.316 mi. 1666 ft.

FIFE METROPLEX CARDLOCK **WA CSCSL** **S108023797**
3200 20TH ST E **WA LUST** **N/A**
FIFE, WA 98424 **WA ALLSITES**
WA PTAP

Site 5 of 7 in cluster R

Relative: Higher
Actual: 17 ft.

CSCSL:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Region:	Southwest
Lat/Long:	47.238806 / -122.386444
Clean Up Siteid:	5931
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Methyl tertiary-butyl ether
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

LUST:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Methyl tertiary-butyl ether
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

ALLSITES:

Name:	FIFE METROPLEX CARDLOCK
Facility Id:	35377551

PTAP:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW073
FSID Number:	35377551
Entry Date:	11/06/2019
Status:	In Progress

R85 **FIFE METROPLEX CARDLOCK** **WA VCP** **S124434013**
SW **3200 20TH ST E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.316 mi.
1666 ft. **Site 6 of 7 in cluster R**

Relative:
Higher

Actual:
17 ft.

VCP:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35377551
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5931
Contaminant Name:	Methyl tertiary-butyl ether
Soil:	Not reported

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424

FIFE METROPLEX CARDLOCK (Continued) **S124434013**

edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35377551
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5931
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35377551
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5931
Contaminant Name:	Petroleum-Diesel
Soil:	Not reported

86
SE
1/4-1/2
0.316 mi.
1667 ft.

COSTCO BUSINESS CENTER 767
3900 20TH ST E
FIFE, WA 98424

WA ALLSITES **S109556840**
WA MANIFEST **N/A**

Relative:
Higher

Actual:
18 ft.

ALLSITES:

Name:	COSTCO BUSINESS CENTER 767
Facility Id:	65249443

WA MANIFEST:

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,D001,D009,D003,P075
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	David McHargue
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Acidic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493774
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Aerosols
CORb Sequence Number:	165089
Sequence Number:	3493776
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.44320009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Basic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493777
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W320
Description:	Broken Fluorescent Lamps
CORb Sequence Number:	165089
Sequence Number:	3493778
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	405
Quanity Unit:	LB
Kilograms Quanity:	183.708003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	165089
Sequence Number:	3493780
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	Intact Electronic Cigarettes
CORb Sequence Number:	165089
Sequence Number:	3493781
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	387
Quanity Unit:	LB
Kilograms Quanity:	175.543203
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	Oxidizing Solids
CORb Sequence Number:	165089
Sequence Number:	3493782
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WA Regulated Liquids & Solids
CORb Sequence Number:	165089
Sequence Number:	3493783
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	258
Quanity Unit:	LB
Kilograms Quanity:	117.028802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Non Flammable Aerosols (Nitrous Oxide)
CORb Sequence Number:	165089
Sequence Number:	3493785
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	31
Quanity Unit:	LB
Kilograms Quanity:	14.0616002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493774
Sequence Number:	2097981
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493774
Sequence Number:	2097982
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097985

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097986
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097987
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097988
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097989
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493778
Sequence Number:	2098002
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	405
Unit of Measure:	LB
Kilograms Quanity:	183.708003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098005
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	5

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098006
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098007
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165089
Waste Sequence Number:	3493776
Sequence Number:	956027
Received EPAID:	WAD020257945
Managed Quanity:	12
Kilogram Quanity:	5.44320009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493777
Sequence Number:	956028
Received EPAID:	WAD020257945
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493778
Sequence Number:	956031
Received EPAID:	WAD020257945
Managed Quanity:	405
Kilogram Quanity:	183.708003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493783
Sequence Number:	956037
Received EPAID:	WAD020257945
Managed Quanity:	258
Kilogram Quanity:	117.028802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493785

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number: 956039
Received EPAID: WAD020257945
Managed Quanity: 31
Kilogram Quanity: 14.0616002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493774
Sequence Number: 956024
Received EPAID: WAD020257945
Managed Quanity: 7
Kilogram Quanity: 3.17520005
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493780
Sequence Number: 956034
Received EPAID: WAD020257945
Managed Quanity: 11
Kilogram Quanity: 4.98960008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493781
Sequence Number: 956035
Received EPAID: INR000110197
Managed Quanity: 387
Kilogram Quanity: 175.543203
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493782
Sequence Number: 956036
Received EPAID: WAD020257945
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165089
Comments: A-7 G09: Bulb replacements
Waste Sequence Number: 3493778
Sequence Number: 1

Comments: A-8 W319: Chlorine
Waste Sequence Number: 3493782
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493774
Sequence Number: 8215036
WCDA Code: D002

Waste Sequence Number: 3493776

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number: 8255485
WCDA Code: D001

Waste Sequence Number: 3493777
Sequence Number: 8215063
WCDA Code: D002

Waste Sequence Number: 3493778
Sequence Number: 8215085
WCDA Code: D009

Waste Sequence Number: 3493780
Sequence Number: 8215115
WCDA Code: D001

Waste Sequence Number: 3493781
Sequence Number: 8255483
WCDA Code: D003

Waste Sequence Number: 3493781
Sequence Number: 8255484
WCDA Code: P075

Waste Sequence Number: 3493782
Sequence Number: 8215135
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493778
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3493774
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493776
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493777
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493780
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493781
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493782
Sequence Number: 1
WCDD Code: G11

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number:	3493783
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493785
Sequence Number:	1
WCDD Code:	G11

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D009,D003,P075
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	(425)313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	(425)313-8100
Operator Organization Name:	Costco Wholesale Corp

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	(425)313-8100
Operator Effective Date:	01/01/2010
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Acidic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493774
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Aerosols
CORb Sequence Number:	165089
Sequence Number:	3493776
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.44320009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Basic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493777
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W320
Description:	Broken Fluorescent Lamps
CORb Sequence Number:	165089
Sequence Number:	3493778
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	405
Quanity Unit:	LB

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilograms Quanity:	183.708003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	165089
Sequence Number:	3493780
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	Intact Electronic Cigarettes
CORb Sequence Number:	165089
Sequence Number:	3493781
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	387
Quanity Unit:	LB
Kilograms Quanity:	175.543203
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	Oxidizing Solids
CORb Sequence Number:	165089
Sequence Number:	3493782
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WA Regulated Liquids & Solids
CORb Sequence Number:	165089
Sequence Number:	3493783
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	258
Quanity Unit:	LB
Kilograms Quanity:	117.028802
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Non Flammable Aerosols (Nitrous Oxide)
CORb Sequence Number:	165089
Sequence Number:	3493785
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	31
Quanity Unit:	LB
Kilograms Quanity:	14.0616002
Density Number:	0
Density Quanity:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Shipments Send:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493774
Sequence Number:	2097981
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493774
Sequence Number:	2097982
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097985
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097986
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097987
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097988
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number:	2097989
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493778
Sequence Number:	2098002
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	405
Unit of Measure:	LB
Kilograms Quanity:	183.708003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098005
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098006
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098007
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165089
Waste Sequence Number:	3493776
Sequence Number:	956027
Received EPAID:	WAD020257945
Managed Quanity:	12
Kilogram Quanity:	5.44320009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493777
Sequence Number:	956028
Received EPAID:	WAD020257945

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493778
Sequence Number:	956031
Received EPAID:	WAD020257945
Managed Quanity:	405
Kilogram Quanity:	183.708003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493783
Sequence Number:	956037
Received EPAID:	WAD020257945
Managed Quanity:	258
Kilogram Quanity:	117.028802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493785
Sequence Number:	956039
Received EPAID:	WAD020257945
Managed Quanity:	31
Kilogram Quanity:	14.0616002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493774
Sequence Number:	956024
Received EPAID:	WAD020257945
Managed Quanity:	7
Kilogram Quanity:	3.17520005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493780
Sequence Number:	956034
Received EPAID:	WAD020257945
Managed Quanity:	11
Kilogram Quanity:	4.98960008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493781
Sequence Number:	956035
Received EPAID:	INR000110197
Managed Quanity:	387
Kilogram Quanity:	175.543203
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493782
Sequence Number:	956036
Received EPAID:	WAD020257945
Managed Quanity:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165089
Comments: A-7 G09: Bulb replacements
Waste Sequence Number: 3493778
Sequence Number: 1

Comments: A-8 W319: Chlorine
Waste Sequence Number: 3493782
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493774
Sequence Number: 8215036
WCDA Code: D002

Waste Sequence Number: 3493776
Sequence Number: 8255485
WCDA Code: D001

Waste Sequence Number: 3493777
Sequence Number: 8215063
WCDA Code: D002

Waste Sequence Number: 3493778
Sequence Number: 8215085
WCDA Code: D009

Waste Sequence Number: 3493780
Sequence Number: 8215115
WCDA Code: D001

Waste Sequence Number: 3493781
Sequence Number: 8255483
WCDA Code: D003

Waste Sequence Number: 3493781
Sequence Number: 8255484
WCDA Code: P075

Waste Sequence Number: 3493782
Sequence Number: 8215135
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493778
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3493774
Sequence Number: 1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDD Code:	G11
Waste Sequence Number:	3493776
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493777
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493780
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493781
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493782
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493783
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493785
Sequence Number:	1
WCDD Code:	G11

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D018
Form Comm:	Site Contact updated
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	David McHargue
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

EPA ID:		WAH000000091
NAICS:		493110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002,D001	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601024674
Business Type:		Business Center with Gen
Mail Name:		Costco Wholesale #767
Mailing Address:		PO Box 35005
Mailing City,State,Zip:		Seattle, WA 98124-3405
Legal Organization Name:		Costco Wholesale Corporation
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		999 Lake Dr
Legal Address 2:		Not reported
Legal City,State,Zip:		Issaquah, WA 98027
Legal Phone Number:		425-313-8100
Legal Effective Date:		01/01/2002
Land Organization Name:		Costco Wholesale Corporation
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		999 Lake Dr
Land City,State,Zip:		Issaquah, WA 98027
Land Phone Number:		425-313-8100
Operator Organization Name:		Costco Wholesale Corp
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		999 Lake Dr
Operator Address 2:		Not reported
Operator City,State,Zip:		Issaquah, WA 98027
Operator Phone Number:		425-313-8100
Operator Effective Date:		01/01/2010
Site Contact:		Michael Garcia
Site Contact Address:		3900 20th St E
Contact City,State,Zip:		Fife, WA 98424
Site Contact Phone Number:		253-719-1950
Site Contact Email:		w767mgr@costco.com
Gen Status Code:		SQG
Monthly Generation:		True

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	True
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Lighters
CORb Sequence Number:	147578
Sequence Number:	3302465
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Aerosols
CORb Sequence Number:	147578
Sequence Number:	3302463
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	850
Quanity Unit:	LB
Kilograms Quanity:	385.560006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	147578
Sequence Number:	3302464
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	33
Quanity Unit:	LB
Kilograms Quanity:	14.9688002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Description:	Oxidizing Liquids
CORb Sequence Number:	147578
Sequence Number:	3302466
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Propane and Butane Cylinders
CORb Sequence Number:	147578
Sequence Number:	3302483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147578
Waste Sequence Number:	3302464
Sequence Number:	1789548
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	9
Unit of Measure:	LB
Kilograms Quanity:	4.08240007
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302464
Sequence Number:	1789547
Shipment Date:	2014-03-07 00:00:00
Mainfest Document ID:	006276840FLE
Reported Quanity:	24
Unit of Measure:	LB
Kilograms Quanity:	10.8864001
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302466
Sequence Number:	1789550
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302483
Sequence Number:	1789567
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	7
Unit of Measure:	LB
Kilograms Quanity:	3.17520005
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302463
Sequence Number:	1789546
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	169
Unit of Measure:	LB
Kilograms Quanity:	76.6584013
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302463
Sequence Number:	1789543
Shipment Date:	2014-03-07 00:00:00
Mainfest Document ID:	006276840FLE
Reported Quanity:	265
Unit of Measure:	LB
Kilograms Quanity:	120.204002
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302463
Sequence Number:	1789544
Shipment Date:	2014-05-23 00:00:00
Mainfest Document ID:	006276974FLE
Reported Quanity:	238
Unit of Measure:	LB
Kilograms Quanity:	107.956801
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302463
Sequence Number:	1789545
Shipment Date:	2014-08-13 00:00:00
Mainfest Document ID:	006288094FLE
Reported Quanity:	178
Unit of Measure:	LB
Kilograms Quanity:	80.7408013
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3302465
Sequence Number:	1789549
Shipment Date:	2014-05-23 00:00:00
Mainfest Document ID:	006276974FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Receiving EPAID: INR000110197

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number: 147578
Waste Sequence Number: 3302464
Sequence Number: 833632
Received EPAID: INR000110197
Managed Quanity: 24
Kilogram Quanity: 10.8864001
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302464
Sequence Number: 833633
Received EPAID: WAD020257945
Managed Quanity: 9
Kilogram Quanity: 4.08240007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302466
Sequence Number: 833635
Received EPAID: WAD020257945
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302483
Sequence Number: 833652
Received EPAID: WAD020257945
Managed Quanity: 7
Kilogram Quanity: 3.17520005
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302463
Sequence Number: 833629
Received EPAID: INR000110197
Managed Quanity: 503
Kilogram Quanity: 228.160803
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302463
Sequence Number: 833630
Received EPAID: WAD020257945
Managed Quanity: 169
Kilogram Quanity: 76.6584013
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302463
Sequence Number: 833631
Received EPAID: WAD991281767
Managed Quanity: 178
Kilogram Quanity: 80.7408013

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3302465
Sequence Number: 833634
Received EPAID: INR000110197
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 147578
Waste Sequence Number: 3302463
Sequence Number: 7568244
WCDA Code: D001

Waste Sequence Number: 3302465
Sequence Number: 7407454
WCDA Code: D001

Waste Sequence Number: 3302464
Sequence Number: 7407451
WCDA Code: D001

Waste Sequence Number: 3302466
Sequence Number: 7407457
WCDA Code: D001

Waste Sequence Number: 3302483
Sequence Number: 7407486
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 147578
Waste Sequence Number: 3302463
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302464
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302465
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302466
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302483
Sequence Number: 1
WCDD Code: G11

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Name:		COSTCO BUSINESS CENTER 767
Address:		3900 20TH ST E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		65249443
EPA ID:		WAH000000091
NAICS:		493110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001, D002	
Form Comm:		Not reported
Data Year:		2013
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601024674
Business Type:		Business Center with Gen
Mail Name:		Costco Wholesale #767
Mailing Address:		PO Box 35005
Mailing City,State,Zip:		Seattle, WA 98124-3405
Legal Organization Name:		Costco Wholesale Corporation
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		999 Lake Dr
Legal Address 2:		Not reported
Legal City,State,Zip:		Issaquah, WA 98027
Legal Phone Number:		425-313-8100
Legal Effective Date:		01/01/2002
Land Organization Name:		Costco Wholesale Corporation
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		999 Lake Dr
Land City,State,Zip:		Issaquah, WA 98027
Land Phone Number:		425-313-8100
Operator Organization Name:		Not reported
Operator Organization Type:		Private
Operator:		Michael Garcia
Operator Address:		3900 20th St E
Operator Address 2:		Not reported
Operator City,State,Zip:		Fife, WA 98424
Operator Phone Number:		253-719-1950
Operator Effective Date:		01/01/2010
Site Contact:		Michael Garcia
Site Contact Address:		3900 20th St E

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False
Site Contact Address 2: Not reported

Q87
East
1/4-1/2
0.324 mi.
1709 ft.

LARSON AUTOMOTIVE FIFE
1701 ALEXANDER AVE E
FIFE, WA 98424

Site 2 of 2 in cluster Q

WA ALLSITES **S110700690**
N/A

Relative:
Lower

Actual:
15 ft.

ALLSITES:
Name: LARSON AUTOMOTIVE FIFE
Facility Id: 4431

88
North
1/4-1/2
0.326 mi.
1721 ft.

AUTO WAREHOUSING CO
3715 SR 509 N FRONTAGE RD
TACOMA, WA 98421

WA ALLSITES **S109554364**
N/A

Relative:
Lower

Actual:
13 ft.

ALLSITES:
Name: AUTO WAREHOUSING CO
Facility Id: 43274632

R89
WSW
1/4-1/2
0.336 mi.
1776 ft.

BASF TRAINING CENTER
3077 20TH ST E
FIFE, WA 98424

Site 7 of 7 in cluster R

WA ALLSITES **1000660327**
RCRA NonGen / NLR **WAD988500112**
FINDS
ECHO

Relative:
Higher

Actual:
17 ft.

ALLSITES:
Name: BASF TRAINING CENTER
Facility Id: 93192165

RCRA Listings:

Date Form Received by Agency:	2003-03-11 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Handler Address:	3077 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988500112
Contact Name:	LYNN WICKER
Contact Address:	3077 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-2240
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	26701 TELEGRAPH RD
Mailing City,State,Zip:	SOUTHFIELD, WA 48034
Owner Name:	BASF CORP
Owner Type:	Private
Operator Name:	WICKER, LYNN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Handler Date of Last Change:	2018-05-07 14:31:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LYNN W
Legal Status:	Private
Date Became Current:	1996-08-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1709
Owner/Operator Telephone:	253-922-2240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF CORP
Legal Status:	Private
Date Became Current:	1996-08-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	26701 TELEGRAPH RD
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48034
Owner/Operator Telephone:	810-304-5200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WICKER, LYNN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424

BASF TRAINING CENTER (Continued) **1000660327**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF CORP B
Legal Status:	Private
Date Became Current:	1996-08-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	26701 TELEGRAPH RD
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48034-2442
Owner/Operator Telephone:	810-304-5200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FERGUSON STREET ASSOC
Legal Status:	Private
Date Became Current:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Date Ended Current:	Not reported
Owner/Operator Address:	289 PERIMETER RD E
Owner/Operator City,State,Zip:	RENTON, WA 98055
Owner/Operator Telephone:	206-285-6716
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

BASF TRAINING CENTER (Continued) **1000660327**

Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-04-10 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-11 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-11 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

BASF TRAINING CENTER (Continued) **1000660327**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-04-10 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-04-10 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	611519
NAICS Description:	OTHER TECHNICAL AND TRADE SCHOOLS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

BASF TRAINING CENTER (Continued) **1000660327**

No Evaluations Found:

FINDS:
Registry ID: 110005371203

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660327
Registry ID:	110005371203
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005371203
Name:	BASF TRAINING CENTER
Address:	3077 20TH ST E
City,State,Zip:	FIFE, WA 98424

T90 **SUSAN KAELIN PROPERTY** **WA VCP** **S124436212**
ENE **1409 ALEXANDER AVE E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.337 mi.
1781 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
13 ft.

VCP:

Name:	SUSAN KAELIN PROPERTY
Address:	1409 ALEXANDER AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	84439736
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2001-11-20
Rank:	Not reported
Cleanup Siteid:	3617
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

T91 ENE 1/4-1/2 0.337 mi. 1781 ft.

SUSAN KAELIN PROPERTY
1409 ALEXANDER AVE E
FIFE, WA 98424

Site 2 of 2 in cluster T

WA ALLSITES **S105150076**
WA CSCSL NFA **N/A**

Relative: Lower
Actual: 13 ft.

ALLSITES:

Name:	SUSAN KAELIN PROPERTY
Facility Id:	84439736

CSCSL NFA:

Name:	SUSAN KAELIN PROPERTY
Address:	1409 ALEXANDER AVE E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	84439736
CS Id:	3617
NFA Date:	11/20/2001
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.244591
Longitude:	-122.372791

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92 ENE 1/4-1/2 0.338 mi. 1786 ft.

RUSHFORTH CONSTRUCTION CO INC
1308 ALEXANDER AVE E
TACOMA, WA 98242

WA ALLSITES **1001490222**
RCRA NonGen / NLR **WAD009503665**
FINDS
ECHO

Relative: Lower
Actual: 13 ft.

ALLSITES:

Name:	RUSHFORTH CONSTRUCTION CO INC
Facility Id:	65325229

RCRA Listings:

Date Form Received by Agency:	2003-07-11 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Handler Address:	1308 ALEXANDER AVE E
Handler City,State,Zip:	TACOMA, WA 98242
EPA ID:	WAD009503665
Contact Name:	ROY CUTLER
Contact Address:	6021 12TH ST E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1884
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6021 12TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	RUSHFORTH CONSTRUCTION CO INC
Owner Type:	Private
Operator Name:	RUSHFORTH, RANDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Handler Date of Last Change:	2018-05-09 12:04:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDY R
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY R
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-10-20 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-10 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-11 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-10-20 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-13 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-08-09 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-10 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23622
NAICS Description:	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110008215733

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490222
Registry ID:	110008215733
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008215733
Name:	RUSHFORTH CONSTRUCTION CO INC
Address:	1308 ALEXANDER AVE E
City,State,Zip:	TACOMA, WA 98242

93
NNE
1/4-1/2
0.342 mi.
1808 ft.

COAST ENGINE & EQUIPMENT CORP **WA VCP** **S124433535**
4012 SR 509 S FRONTAGE RD **N/A**
TACOMA, WA 98421

Relative:
Lower

Actual:
14 ft.

VCP:

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	26693246
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2016-09-16
Rank:	Not reported
Cleanup Siteid:	4267
Contaminant Name:	Arsenic
Soil:	Remediated-Below

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA

COAST ENGINE & EQUIPMENT CORP (Continued) **S124433535**

edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Metals Priority Pollutants
Soil: Remediated-Below

Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated-Below

S94 **PENSKE TRUCK LEASING CO FIFE** **WA ALLSITES** **1007068796**
SSE **2105 FRANK ALBERT RD E STE A** **FINDS** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.344 mi.
1818 ft. **Site 3 of 3 in cluster S**

Relative:
Higher

Actual:
18 ft.

ALLSITES:
Name: PENSKE TRUCK LEASING CO FIFE
Facility Id: 55388197

FINDS:
Registry ID: 110015453962

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

95
NW
1/4-1/2
0.345 mi.
1819 ft.

PCT PAVING REPAIRS
3600 PORT OF TACOMA RD
TACOMA, WA 98424

WA ALLSITES
WA SPILLS

S107476122
N/A

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	PCT PAVING REPAIRS
Facility Id:	23086

SPILLS:

Name:	SEALAND CORP
Address:	3600 PORT OF TACOMA
City,State,Zip:	TACOMA, WA
Facility ID:	505510
Medium:	Not reported
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	2
Material Units:	GALLON
Date Received:	07/28/1999
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

96
NW
1/4-1/2
0.358 mi.
1889 ft.

PIERCE COUNTY TERMINAL PORT OF TACOMA
SR 509 PORT OF TACOMA RD & ALEXANDER AVE
TACOMA, WA 98421

WA ALLSITES

S109556642
N/A

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	PIERCE COUNTY TERMINAL PORT OF TACOMA
Facility Id:	9771939

U97
WSW
1/4-1/2
0.362 mi.
1910 ft.

LNG FUELING STATION
3013 20TH ST E
FIFE, WA 98424

Site 1 of 2 in cluster U

WA ALLSITES

S118345018
N/A

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	LNG FUELING STATION
Facility Id:	24662

V98 WNW 1/4-1/2 0.368 mi. 1944 ft. | **DAUPHIN SITE 2911 PACIFIC HWY E TACOMA, WA 98424** | **WA HSL, WA CSCSL, WA VCP, WA ALLSITES FINDS** | **1007080815 N/A**

Site 1 of 5 in cluster V

Relative: Lower

Actual: 13 ft.

HSL:

Name:	OCCIDENTAL CHEMICAL DAUPHIN
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1281
Rank:	3
Region:	SW
EDR Link ID:	1281
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	OCCIDENTAL CHEMICAL DAUPHIN
Address:	2911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	1281
Region:	Southwest
Lat/Long:	47.243418012356 / -122.3880828252
Clean Up Siteid:	3826
Site Status:	Awaiting Cleanup
Contaminant Name:	Corrosive Wastes
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OCCIDENTAL CHEMICAL DAUPHIN
Address:	2911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	1281
Region:	Southwest
Lat/Long:	47.243418012356 / -122.3880828252
Clean Up Siteid:	3826
Site Status:	Awaiting Cleanup
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

DAUPHIN SITE (Continued) **1007080815**

Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VCP:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1281
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 3826
Contaminant Name: Corrosive Wastes
Soil: Suspected

Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1281
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 3826
Contaminant Name: Halogenated Organics
Soil: Confirmed Above Cleanup Levels

ALLSITES:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Facility Id: 1281

FINDS:
Registry ID: 110015575386

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a

DAUPHIN SITE (Continued) **1007080815**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Registry ID: 110070605594

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

V99 **OCCIDENTAL CHEMICAL- SITE IV** **WA SWF/LF** **S118401948**
WNW **2911 PACIFIC HWY E** **N/A**
1/4-1/2 **FIFE, WA**
0.368 mi.
1944 ft. **Site 2 of 5 in cluster V**

Relative:
Lower

Actual:
13 ft.

SWF/LF:

Name:	OCCIDENTAL CHEMICAL- SITE IV
Address:	2911 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	2176
Region:	STATE
Permit Status:	Not reported
Contact Organization:	Unaffiliated Historic Landfills
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Unaffiliated Historic Landfills
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Historic Landfill (non-regulated)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

V100 WNW 1/4-1/2 0.368 mi. 1944 ft. | **DAUPHIN SITE 2911 PACIFIC HWY E TACOMA, WA 98424** | **SEMS** | **1000347234 WAD980514566**

Site 3 of 5 in cluster V

Relative: Lower

Actual: 13 ft.

SEMS:

Site ID:	1000847
EPA ID:	WAD980514566
Name:	DAUPHIN SITE
Address:	2911 PACIFIC HWY E
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98424
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1000847
EPA ID:	WAD980514566
Site Name:	DAUPHIN SITE
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	11/1/1979 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000847
EPA ID:	WAD980514566
Site Name:	DAUPHIN SITE
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-06-28 05:00:00
Finish Date:	5/14/1986 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

Region:	10
Site ID:	1000847
EPA ID:	WAD980514566
Site Name:	DAUPHIN SITE
NPL:	A
FF:	N
OU:	00
Action Code:	SI

DAUPHIN SITE (Continued) **1000347234**

Action Name:	SI
SEQ:	1
Start Date:	1988-12-08 05:00:00
Finish Date:	12/8/1988 5:00:00 AM
Qual:	A
Current Action Lead:	St Perf

V101 **SOON MU LEE VACANT LOT** **WA VCP** **S124434220**
WNW **2909 PACIFIC HWY E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.369 mi.
1949 ft. **Site 4 of 5 in cluster V**

Relative:
Lower

Actual:
13 ft.

VCP:

Name:	SOON MU LEE VACANT LOT
Address:	2909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	39223129
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2013-08-19
Rank:	Not reported
Cleanup Siteid:	2199
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated-Below

V102 **SOON MU LEE VACANT LOT** **WA ALLSITES** **S105613417**
WNW **2909 PACIFIC HWY E** **WA CSCSL NFA** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.369 mi.
1949 ft. **Site 5 of 5 in cluster V**

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	SOON MU LEE VACANT LOT
Facility Id:	39223129

CSCSL NFA:

Name:	SOON MU LEE VACANT LOT
Address:	2909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	39223129
CS Id:	2199
NFA Date:	08/19/2013
Alternate Site Names:	DAYS INN FIFE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels

SOON MU LEE VACANT LOT (Continued) **S105613417**

Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.243610411
Longitude:	-122.38945555

U103 **DIKE ACCESS ROAD DRUMS** **WA ALLSITES** **1000879037**
WSW **DIKE ACCESS RD & 20TH ST E** **RCRA NonGen / NLR** **WAD988523809**
1/4-1/2 **TACOMA, WA 98424**
0.384 mi.
2028 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Name:	DIKE ACCESS ROAD DRUMS
Facility Id:	42251943

RCRA Listings:

Date Form Received by Agency:	1994-01-01 00:00:00.0
Handler Name:	DIKE ACCESS ROAD DRUMS
Handler Address:	DIKE ACCESS RD & 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988523809
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504-7775
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504-7775
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

DIKE ACCESS ROAD DRUMS (Continued) **1000879037**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:19:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DIKE ACCESS ROAD DRUMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

DIKE ACCESS ROAD DRUMS (Continued) **1000879037**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DIKE ACCESS ROAD DRUMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DIKE ACCESS ROAD DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DIKE ACCESS ROAD DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DIKE ACCESS ROAD DRUMS (Continued) **1000879037**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

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104 East 1/4-1/2 0.387 mi. 2044 ft.

PACIFIC XPRESS
4310 PACIFIC HWY E
FIFE, WA 98424

WA CSCSL **S108023782**
WA ALLSITES **N/A**
WA SPILLS
WA Financial Assurance
WA PTAP

Relative: Lower

Actual: 14 ft.

CSCSL:

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	PETROCARD,PETROCARD INC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167

PACIFIC XPRESS (Continued) **S108023782**

Clean Up Siteid: 14611
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: PETROCARD,PETROCARD INC
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: PACIFIC XPRESS
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 48521859
Region: Southwest
Lat/Long: 47.242819802912 / -122.3704731167
Clean Up Siteid: 14611
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: PETROCARD,PETROCARD INC
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: PACIFIC XPRESS
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 48521859
Region: Southwest
Lat/Long: 47.242819802912 / -122.3704731167
Clean Up Siteid: 14611
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: PETROCARD,PETROCARD INC
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

PACIFIC XPRESS (Continued) **S108023782**

Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

ALLSITES:
Name: PACIFIC XPRESS
Facility Id: 48521859

SPILLS:
Name: LEE & EASTES
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA
Facility ID: 608793
Medium: Not reported
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 15
Material Units: GALLON
Date Received: 10/08/2008
Contact Name: Osborn
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported
Source Type: Not reported
Source: Not reported
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Not reported

WA Financial Assurance 1:
Name: PETROCARD INC
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
DOE Site ID: 7365
Financial Resp Type: GREAT AMERICAN E&S INSURANCE CO
Inception Date: 12/31/2015
Expiration Date: 12/31/2016
Address 2: Not reported
Policy Number: BTA-9988946-04
Effective Date: 12/31/2015
Liability Limit Type: Not reported
Compliance Method: Not reported
Proof of Responsibility Document Flag: Not reported
Retroactive Date: Not reported
Latitude: 47.242819803
Longitude: -122.37047312

Name: PETROCARD INC
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
DOE Site ID: 7365
Financial Resp Type: GREAT AMERICAN E&S INSURANCE
Inception Date: 12/31/2016

PACIFIC XPRESS (Continued) **S108023782**

Expiration Date:	12/31/2017
Address 2:	Not reported
Policy Number:	BTA-9988946-05
Effective Date:	12/31/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2016
Expiration Date:	12/31/2017
Address 2:	Not reported
Policy Number:	BTA 9988946-05
Effective Date:	12/31/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2017
Expiration Date:	12/31/2018
Address 2:	Not reported
Policy Number:	BTA 9988946-06
Effective Date:	12/31/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	11/28/2018
Expiration Date:	12/31/2019
Address 2:	Not reported
Policy Number:	BTA 9988946-07
Effective Date:	11/28/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported

PACIFIC XPRESS (Continued) **S108023782**

Proof of Responsibility Document Flag: Not reported
Retroactive Date: Not reported
Latitude: 47.242819803
Longitude: -122.37047312

PTAP:
Name: PETROCARD INC
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Site ID: PSW025
FSID Number: 48521859
Entry Date: 04/20/2018
Status: In Progress

W105 **AUTO WAREHOUSING CO** **WA HSL** **1000327287**
NNE **3715 E WEST RD** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA LUST**
0.392 mi. **WA UST**
2068 ft. **Site 1 of 2 in cluster W** **WA ALLSITES**

Relative:
Lower

Actual:
14 ft.

HSL:
Name: AUTO WAREHOUSING CO TACOMA
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 97814788
Rank: 3
Region: SW
EDR Link ID: 97814788
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: AUTO WAREHOUSING CO TACOMA
Address: 3715 E WEST RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 97814788
Region: Southwest
Lat/Long: 47.24769 / -122.37567
Clean Up Siteid: 6974
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: AUTO WAREHOUSING CO
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Responsible Unit: Southwest

Name: AUTO WAREHOUSING CO TACOMA
Address: 3715 E WEST RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 97814788
Region: Southwest
Lat/Long: 47.24769 / -122.37567
Clean Up Siteid: 6974
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: AUTO WAREHOUSING CO
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: AUTO WAREHOUSING CO TACOMA
Address: 3715 E WEST RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 97814788
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6974
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: AUTO WAREHOUSING CO
Response Section: Southwest
Release Date: 04/11/1990
Lust Date: 05/18/2006
Region: Southwest
Lust ID: 1294
UST ID: 1973
Contaminant Name: Non-Halogenated Solvents
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24769 / -122.37567

Name: AUTO WAREHOUSING CO TACOMA
Address: 3715 E WEST RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 97814788
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6974
Cleanup Unit Type: Upland
Process Type: Independent Action

AUTO WAREHOUSING CO (Continued) **1000327287**

Cleanup Unit Name:	AUTO WAREHOUSING CO
Response Section:	Southwest
Release Date:	04/11/1990
Lust Date:	05/18/2006
Region:	Southwest
Lust ID:	1294
UST ID:	1973
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24769 / -122.37567

UST:

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421
Facility ID:	97814788
Site Id:	1973
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24769
Decimal Longitude:	-122.37567

Tank Name:	T-25
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	10/08/2004
Tank Install Date:	10/10/1990
Tank Closure Date:	11/24/2004
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/03/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Performed
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD

AUTO WAREHOUSING CO (Continued) **1000327287**

City:	TACOMA
Zip:	98421
Tank Name:	T-26
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	10/08/2004
Tank Install Date:	10/10/1990
Tank Closure Date:	11/24/2004
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/03/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Performed
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421
Tank Name:	T-6
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-7
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-8
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	AUTO WAREHOUSING CO TACOMA
Facility Id:	97814788
Name:	NORTH LEAD RAIL
Facility Id:	23525

W106 **MARINE TERMINAL CORPORATION** **WA ALLSITES** **S108479784**
NNE **4015 SR 509 N FRONTAGE RD** **WA MANIFEST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.399 mi.
2105 ft. **Site 2 of 2 in cluster W**

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	EVERGREEN PIERCE COUNTY TERMINAL
Facility Id:	5427431

WA MANIFEST:

Name:	MARINE TERMINAL CORPORATION
Address:	4015 SR 509 N FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5427431
EPA ID:	WAH000028208
NAICS:	488310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported

MARINE TERMINAL CORPORATION (Continued) **S108479784**

LN Address 2:	Not reported
Tax Reg #:	601024735
Business Type:	Intermodal Container Term
Mail Name:	Marine Terminals Corporation
Mailing Address:	4015 SR 509 N Frontage Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Evergreen America Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11734 S Election Dr Ste 150
Legal Address 2:	Not reported
Legal City,State,Zip:	Draper, UT 84020
Legal Phone Number:	(801)999-2200
Legal Effective Date:	12/28/2004
Land Organization Name:	Port of Tacoma
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	PO Box 1837
Land City,State,Zip:	Tacoma, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Marine Terminals Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	4015 SR 509 N Frontage Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)896-8300
Operator Effective Date:	12/28/2004
Site Contact:	Mark Miller
Site Contact Address:	4015 SR 509 N Frontage Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)896-8301
Site Contact Email:	mmiller@mtcorp.com
Gen Status Code:	MQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

107 ESE 1/4-1/2 0.402 mi. 2124 ft.

Relative: Higher

Actual: 17 ft.

HONDA OF FIFE
4301 20TH ST E
FIFE, WA 98424

WA CSCSL
WA LUST
WA UST
WA ICR
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000184492
WAD147231880

CSCSL:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	72856623
Region:	Southwest
Lat/Long:	47.23935 / -122.37191
Clean Up Siteid:	10299
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	72856623
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	10299
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/12/1999
Lust Date:	06/22/2000
Region:	Southwest
Lust ID:	5162
UST ID:	10218
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23935 / -122.37191

UST:

HONDA OF FIFE (Continued) **1000184492**

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City:	FIFE
Zip:	98424
Facility ID:	72856623
Site Id:	10218
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23935
Decimal Longitude:	-122.37191

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1985
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1985
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/12/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/14/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-26
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/29/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Quarterly Ground Water Monitoring

Date Ecology Received Report:	07/02/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-38
County Code:	27
Contact:	Not reported
Report Title:	Quarterly Ground Water Monitoring Report

HONDA OF FIFE (Continued) **1000184492**

Date Ecology Received Report: 09/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-40
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring Report

Date Ecology Received Report: 12/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-43
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring - November 2001

Date Ecology Received Report: 03/14/02

ALLSITES:
Name: HONDA OF FIFE
Facility Id: 72856623

RCRA Listings:
Date Form Received by Agency: 2003-08-07 00:00:00.0
Handler Name: HONDA OF FIFE
Handler Address: 4301 20TH ST E
Handler City,State,Zip: FIFE, WA 98424
EPA ID: WAD147231880
Contact Name: DEAN LEE JR
Contact Address: 4301 20TH ST E
Contact City,State,Zip: FIFE, WA 98424
Contact Telephone: 253-922-2673
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 10
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: WA
State District: SWRO
Mailing Address: 4301 20TH ST E
Mailing City,State,Zip: FIFE, WA 98424
Owner Name: HONDA OF FIFE
Owner Type: Private
Operator Name: LEE JR, DEAN D
Operator Type: Private
Short-Term Generator Activity: No

HONDA OF FIFE (Continued) **1000184492**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:33:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
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Legal Status:	Private
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Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Name:	HONDA OF FIFE

HONDA OF FIFE (Continued) **1000184492**

Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	4301 20TH ST E
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LEE JR, DEAN D
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4301 20TH ST E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 253-922-2673
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HONDA OF FIFE
Legal Status: Private
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Date Ended Current: Not reported
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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HONDA OF FIFE
Legal Status: Private
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Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HONDA OF FIFE
Legal Status: Private
Date Became Current: 1996-08-08 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 4301 20TH ST E

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-08-07 00:00:00.0
Handler Name:	HONDA OF FIFE

HONDA OF FIFE (Continued) **1000184492**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-09 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

HONDA OF FIFE (Continued) **1000184492**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-05 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-16 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Receive Date:	2002-06-05 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-08-06 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

HONDA OF FIFE (Continued) **1000184492**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2015-12-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAMTS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005332087

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070339584

Click Here:

Environmental Interest/Information System:

OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000184492

HONDA OF FIFE (Continued) **1000184492**

Registry ID: 110005332087
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005332087
Name: HONDA OF FIFE
Address: 4301 20TH ST E
City,State,Zip: FIFE, WA 98424

---

108 West 1/4-1/2 0.416 mi. 2195 ft.

PACIFIC HWY EAST PRESERVATION **WA ALLSITES** **S123402426**
FIFE, WA 98424 **N/A**

Relative: Lower
Actual: 14 ft.

ALLSITES:
Name: PACIFIC HWY EAST PRESERVATION
Facility Id: 46589

---

109 East 1/4-1/2 0.442 mi. 2333 ft.

GENERAL WELDING SUPPLY CO FIFE **WA ALLSITES** **1007061978**
4405 PACIFIC HWY E **FINDS** **N/A**
FIFE, WA 98424

Relative: Lower
Actual: 14 ft.

ALLSITES:
Name: GENERAL WELDING SUPPLY CO FIFE
Facility Id: 98423745

FINDS:
Registry ID: 110015385082

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

X110 ESE 1/4-1/2 0.451 mi. 2379 ft.

HERTZ EQUIPMENT RENTAL FIFE **WA ALLSITES** **1000421785**
4403 20TH ST E **WA SPILLS** **WAD082500133**
FIFE, WA 98424 **RCRA NonGen / NLR**
FINDS
Site 1 of 2 in cluster X **ECHO**
WA NPDES

Relative: Higher
Actual: 17 ft.

ALLSITES:
Name: HERTZ EQUIPMENT RENTAL FIFE
Facility Id: 11198466

SPILLS:
Name: HERC RENTALS

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Address:	4403 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108522
Medium:	Catch Basin - Wet
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	0.01
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/08/2019
Incident Category Type:	Oil Spill
Incident Category:	Vehicular Accident-Oil Spill
Latitude:	47.23945
Longitude:	-122.3702
Source Type:	Vehicle
Source:	Construction/utility vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	0.01
Resp Party Contact:	Kiel Pankonien
Cause:	Herc Rentals Diesel Spill Fife 10/8/19
Cause Type:	Not reported
Resp Party Name:	CURA Emergency Services

Name:	HERC RENTALS
Address:	4403 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108522
Medium:	Industrial Property
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	10
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/08/2019
Incident Category Type:	Oil Spill
Incident Category:	Vehicular Accident-Oil Spill
Latitude:	47.23945
Longitude:	-122.3702
Source Type:	Vehicle
Source:	Construction/utility vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Kiel Pankonien
Cause:	Herc Rentals Diesel Spill Fife 10/8/19
Cause Type:	Not reported
Resp Party Name:	CURA Emergency Services

RCRA Listings:

Date Form Received by Agency:	1995-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Handler Address:	4403 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD082500133
Contact Name:	SEATTLE CRANE E SEATTLE CRANE E
Contact Address:	4403 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424-1847
Contact Telephone:	000-000-0000

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4403 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424-1847
Owner Name:	SEATTLE CRANE E S
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:12:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEATTLE CRANE E S
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1847
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHAEL C. SLATTERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 70583
Owner/Operator City,State,Zip:	SEATTLE, WA 98107
Owner/Operator Telephone:	206-972-3315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEATTLE CRANE EQUIP CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GARY MERMENSOLO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-922-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERTZ EQUIPMENT RENTAL FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4403 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Historic Generators:

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-06-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-05-31 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-05-31 00:00:00.0
Handler Name:	SEATTLE CRANE & EQUIPMENT CO.
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HERTZ EQUIPMENT RENTAL FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SEATTLE CRANE & EQUIPMENT CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SEATTLE CRANE & EQUIPMENT, CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23891
NAICS Description:	SITE PREPARATION CONTRACTORS

NAICS Code:	238910
NAICS Description:	SITE PREPARATION CONTRACTORS

NAICS Code:	33312
NAICS Description:	CONSTRUCTION MACHINERY MANUFACTURING

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

NAICS Code: 333923
NAICS Description: OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

NAICS Code: 336612
NAICS Description: BOAT BUILDING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005327271

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000421785
Registry ID: 110005327271
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005327271
Name: HERTZ EQUIPMENT RENTAL FIFE
Address: 4403 20TH ST E
City,State,Zip: FIFE, WA 98424

NPDES:
Name: HERC RENTALS INC.
Address: 4403 20TH ST E -
City,State,Zip: FIFE, WA 98424

HERTZ EQUIPMENT RENTAL FIFE (Continued) **1000421785**

Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR011337
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

X111 **GENSCO INC** **WA UST** **1007070722**
ESE **4402 20TH ST E** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98424** **FINDS**
0.452 mi. **ECHO**
2384 ft. **Site 2 of 2 in cluster X** **WA ASBESTOS**

Relative:
Higher

Actual:
17 ft.

UST:

Name:	GENSCO INC
Address:	4402 20TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	43944875
Site Id:	825
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238433
Decimal Longitude:	-122.370677
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported

GENSCO INC (Continued) **1007070722**

Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: GENSCO INC
Facility Id: 43944875

FINDS:
Registry ID: 110015473343

Click Here:

Environmental Interest/Information System:
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US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1007070722
Registry ID: 110015473343
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110015473343
Name: GENSCO INC
Address: 4402 20TH ST E
City,State,Zip: TACOMA, WA 98424

ASBESTOS:
Name: Not reported
Address: 4402 20TH STREET EAST PRODUCTION FLOOR
City,State,Zip: TACOMA, WA 98424
Facility Type: Manufacturing
Parent ID: 0
Form ID: 107258##1515PACIF967950
Notice Date: 10/19/2015
Start Date: 10/20/2015
Completion Date: 10/23/2015
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: 1
Site Hours Start: 6:00 p.mp
Site Hours End: 2:30 a.m.
Sunday: Not reported

GENSCO INC (Continued) **1007070722**

Monday:	Not reported
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	503-891-9462
Job Site CAS:	Todd Ray
Project Form Email:	toddr@icgpnw.com
Property Owner Name:	Not reported
Property Owner Agent:	Ryan Walters
Property Owner Company:	PACIFIC NORTHWEST ENVIRONMENTA (ABCN00001515)
Property Owner Address:	4402 20th Street East
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-926-2054
Job Site Room:	Production Floor
Facility Age:	1970
Facility Size:	100k
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1250
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported

GENSCO INC (Continued) **1007070722**

Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	Twister
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Damaged floor tile in production area.
Date Time Submitted:	2015-10-19 16:28:44
Submitter IP Address:	66.45.48.100
Region:	3
UBI:	602960249
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Todd Ray ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4402 20TH STREET EAST PRODUCTION FLOOR
City,State,Zip:	TACOMA, WA 98424
Facility Type:	Manufacturing
Parent ID:	0
Form ID:	107260##1515PACIF971850
Notice Date:	10/19/2015
Start Date:	10/29/2015
Completion Date:	11/03/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	6:00 p.m.
Site Hours End:	2:30 a.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	Not reported
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	206-596-8560
Job Site CAS:	Todd Ray
Project Form Email:	toddr@icgpnw.com
Property Owner Name:	Not reported
Property Owner Agent:	Ryan Walters
Property Owner Company:	PACIFIC NORTHWEST ENVIRONMENTA (ABCN00001515)
Property Owner Address:	4402 20th Street East
Property Owner City:	Tacoma

GENSCO INC (Continued) **1007070722**

Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-926-2054
Job Site Room:	Production Floor
Facility Age:	1970
Facility Size:	100k
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1250
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	Twister
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported

GENSCO INC (Continued) **1007070722**

Date Time Submitted:	2015-10-19 17:28:51
Submitter IP Address:	66.45.48.100
Region:	3
UBI:	602960249
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Todd Ray ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4402 20TH STREET EAST PRODUCTION FLOOR
City,State,Zip:	TACOMA, WA 98424
Facility Type:	Manufacturing
Parent ID:	107260
Form ID:	107330##1515PACIF835431
Notice Date:	10/21/2015
Start Date:	10/29/2015
Completion Date:	11/03/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	10:00 p.m.
Site Hours End:	6:30 a.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	Not reported
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	206-596-8560
Job Site CAS:	Todd Ray
Project Form Email:	toddr@icgpnw.com
Property Owner Name:	Not reported
Property Owner Agent:	Ryan Walters
Property Owner Company:	PACIFIC NORTHWEST ENVIRONMENTA (ABCN00001515)
Property Owner Address:	4402 20th Street East
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98424
Property Owner Phone:	253-926-2054
Job Site Room:	Production Floor
Facility Age:	1970
Facility Size:	100k
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1250
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported

GENSCO INC (Continued) **1007070722**

CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	Twister
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended start/finish time
Date Time Submitted:	2015-10-21 10:07:22
Submitter IP Address:	66.45.48.100
Region:	3
UBI:	602960249
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Todd Ray ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Y112 SE 1/4-1/2 0.452 mi. 2388 ft. | **MWI VETERINARY SUPPLY**
4200 INDUSTRY DR E STE 4200B
FIFE, WA 98424

Site 1 of 2 in cluster Y

WA ALLSITES | **S111289173**
N/A

Relative: Higher
Actual: 21 ft.

ALLSITES:

Name:	MWI VETERINARY SUPPLY
Facility Id:	18052

---

113 ENE 1/4-1/2 0.454 mi. 2395 ft. | **B & J BINGO**
4401 15TH ST E
TACOMA, WA 98424

WA UST | **U003354640**
WA ALLSITES | **N/A**

Relative: Lower
Actual: 14 ft.

UST:

Name:	B & J BINGO
Address:	4401 15TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	11115839
Site Id:	4814
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.244061
Decimal Longitude:	-122.371443
Tank Name:	TTI
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	01/01/1991
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	CONWAY WESTERN EXPRESS UTA
Facility Id:	11115839

Z114 West 1/4-1/2 0.472 mi. 2494 ft. | **WW GRAINGER INC 755**
2802 PACIFIC HWY E
FIFE, WA 98424 | **WA ALLSITES FINDS** | **1007073792 N/A**

Site 1 of 3 in cluster Z

Relative: Lower
Actual: 14 ft.

ALLSITES:
Name: WW GRAINGER INC 755
Facility Id: 25172831

FINDS:
Registry ID: 110015504284

Click Here:

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AA115 WNW 1/4-1/2 0.473 mi. 2495 ft. | **NC MACHINERY COMPANY**
2603 PACIFIC HWY E
FIFE, WA 98424 | **WA VCP** | **S124436252 N/A**

Site 1 of 2 in cluster AA

Relative: Lower
Actual: 14 ft.

VCP:
Name: NC MACHINERY COMPANY
Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 85298548
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2002-10-02
Rank: Not reported
Cleanup Siteid: 6766
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: NC MACHINERY COMPANY
Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 85298548
VCP Status: Not reported
VCP: NFA

NC MACHINERY COMPANY (Continued) **S124436252**

Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2002-10-02
Rank:	Not reported
Cleanup Siteid:	6766
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85298548
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2002-10-02
Rank:	Not reported
Cleanup Siteid:	6766
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AA116 **NC MACHINERY COMPANY** **RCRA-VSQG** **1005445367**
WNW **2603 PACIFIC HWY E** **WA LUST** **WAH000016378**
1/4-1/2 **FIFE, WA 98424** **WA ALLSITES**
0.473 mi. **WA CSCSL NFA**
2495 ft. **Site 2 of 2 in cluster AA** **WA SPILLS**
FINDS
Relative: **ECHO**
Lower **WA MANIFEST**
Actual: **WA NPDES**
14 ft.

RCRA Listings:

Date Form Received by Agency:	2018-02-26 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Handler Address:	2603 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000016378
Contact Name:	JOHN DEANS
Contact Address:	17025 W VALLEY HWY
Contact City,State,Zip:	TUKWILA, WA 98188
Contact Telephone:	425-251-5800
Contact Fax:	Not reported
Contact Email:	JDEANS@NCMACHINERY.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO

NC MACHINERY COMPANY (Continued) **1005445367**

Mailing Address:	2603 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	NC MACHINERY CO
Owner Type:	Private
Operator Name:	NC MACHINERY COMPANY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-04-12 16:17:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

NC MACHINERY COMPANY (Continued) **1005445367**

LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO

NC MACHINERY COMPANY (Continued) **1005445367**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO N
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO N
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private

NC MACHINERY COMPANY (Continued) **1005445367**

Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private

NC MACHINERY COMPANY (Continued) **1005445367**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Legal Status:	Private
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private

NC MACHINERY COMPANY (Continued) **1005445367**

Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-02 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-27 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-05 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-13 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-05 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-13 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-23 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-17 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-24 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-03-20 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-04 00:00:00.0
Handler Name:	NC MACHINERY COMPANY

NC MACHINERY COMPANY (Continued) **1005445367**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-02 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-27 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-29 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-25 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Receive Date:	2017-02-20 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-26 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-26 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42381
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS
NAICS Code:	423810
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS
NAICS Code:	81131
NAICS Description:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALCW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LUST:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	85298548
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6766
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
Response Section:	Southwest
Release Date:	02/20/1991
Lust Date:	10/02/2002
Region:	Southwest
Lust ID:	3583
UST ID:	200228
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24334 / -122.39353
Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	85298548
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6766
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK

NC MACHINERY COMPANY (Continued) **1005445367**

	FAMILY PROPERTY,SILVER BULLET TAVERN
Response Section:	Southwest
Release Date:	02/20/1991
Lust Date:	10/02/2002
Region:	Southwest
Lust ID:	3583
UST ID:	200228
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24334 / -122.39353

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	85298548
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6766
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
Response Section:	Southwest
Release Date:	02/20/1991
Lust Date:	10/02/2002
Region:	Southwest
Lust ID:	3583
UST ID:	200228
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24334 / -122.39353

ALLSITES:

Name:	NC MACHINERY COMPANY
Facility Id:	85298548

CSCSL NFA:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	85298548
CS Id:	6766
NFA Date:	10/02/2002
Alternate Site Names:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN

NC MACHINERY COMPANY (Continued) **1005445367**

NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24334
Longitude:	-122.39353

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	85298548
CS Id:	6766
NFA Date:	10/02/2002
Alternate Site Names:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24334
Longitude:	-122.39353

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	85298548
CS Id:	6766
NFA Date:	10/02/2002
Alternate Site Names:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24334
Longitude:	-122.39353

NC MACHINERY COMPANY (Continued) **1005445367**

SPILLS:

Name:	NC MACHINERY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	559408
Medium:	Not reported
Material Desc:	PETROLEUM - LUBE OIL
Material Qty:	100
Material Units:	GALLON
Date Received:	12/13/2006
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

FINDS:

Registry ID: 110012557232

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

NC MACHINERY COMPANY (Continued) **1005445367**

Envid:	1005445367
Registry ID:	110012557232
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012557232
Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private

NC MACHINERY COMPANY (Continued) **1005445367**

Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D039	
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Tom Curtsinger
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Tom Curtsinger
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	tcurtsinger@ncmachinery.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810

NC MACHINERY COMPANY (Continued) **1005445367**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008,D018,D035,D039
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Tom Curtsinger
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Tom Curtsinger
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private

NC MACHINERY COMPANY (Continued) **1005445367**

Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Tom Curtsinger
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Tom Curtsinger
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	NC MACHINERY COMPANY

NC MACHINERY COMPANY (Continued) **1005445367**

Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424

NC MACHINERY COMPANY (Continued) **1005445367**

Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562

NC MACHINERY COMPANY (Continued) **1005445367**

Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	True
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co

NC MACHINERY COMPANY (Continued) **1005445367**

Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E -
City,State,Zip:	FIFE, WA 98424-1008
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters

NC MACHINERY COMPANY (Continued) **1005445367**

Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR302014
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Z117 **BOITANO SITE** **WA ALLSITES** **1001234109**
West **2800 PACIFIC HWY E** **WA CSCSL NFA** **WAH000005215**
1/4-1/2 **FIFE, WA 98424** **RCRA NonGen / NLR**
0.473 mi. **FINDS**
2498 ft. **Site 2 of 3 in cluster Z** **ECHO**

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	BOITANO SITE
Facility Id:	39816865

CSCSL NFA:

Name:	BOITANO SITE
Address:	2800 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	39816865
CS Id:	2856
NFA Date:	10/24/2002
Alternate Site Names:	HWY 99 PORT OF TACOMA RD I5 SITE
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Corrosive Wastes
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24308
Longitude:	-122.39162

Name:	BOITANO SITE
Address:	2800 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	39816865
CS Id:	2856
NFA Date:	10/24/2002
Alternate Site Names:	HWY 99 PORT OF TACOMA RD I5 SITE
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated
Surface Water:	Not reported

BOITANO SITE (Continued) **1001234109**

Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24308
Longitude:	-122.39162

Name:	BOITANO SITE
Address:	2800 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	39816865
CS Id:	2856
NFA Date:	10/24/2002
Alternate Site Names:	HWY 99 PORT OF TACOMA RD I5 SITE
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24308
Longitude:	-122.39162

RCRA Listings:

Date Form Received by Agency:	2001-05-30 00:00:00.0
Handler Name:	BOITANO SITE
Handler Address:	2800 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000005215
Contact Name:	DAN MARSH
Contact Address:	1209 FARALLONE
Contact City,State,Zip:	FIRCREST, WA 98466
Contact Telephone:	253-565-5097
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1209 FARALLONE
Mailing City,State,Zip:	FIRCREST, WA 98488
Owner Name:	BOITANO, JOHN
Owner Type:	Private
Operator Name:	MARSH, DAN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

BOITANO SITE (Continued) **1001234109**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:
Owner/Operator Indicator: Operator

BOITANO SITE (Continued) **1001234109**

Owner/Operator Name:	MARSH, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1209 FARALLONE
Owner/Operator City,State,Zip:	FIRCREST, WA 98466
Owner/Operator Telephone:	253-565-5097
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARSH, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1209 FARALLONE
Owner/Operator City,State,Zip:	FIRCREST, WA 98466
Owner/Operator Telephone:	253-565-5097
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	1998-05-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

BOITANO SITE (Continued) **1001234109**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	1998-05-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-05-30 00:00:00.0
Handler Name:	BOITANO SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-05-30 00:00:00.0
Handler Name:	BOITANO SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

BOITANO SITE (Continued) **1001234109**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-05-13 00:00:00.0
Handler Name:	BOITANO SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005392761

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BOITANO SITE (Continued) **1001234109**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001234109
Registry ID:	110005392761
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005392761
Name:	BOITANO SITE
Address:	2800 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

Z118 West 1/4-1/2 0.476 mi. 2515 ft. **UW PHYTOREMEDIATION FIELD SITE** **WA ALLSITES** **S112088249**
2801 PACFIC HWY E **WA MANIFEST** **N/A**
FIFE, WA 98424

Site 3 of 3 in cluster Z

Relative: Lower
Actual: 14 ft.

ALLSITES:

Name:	UW PHYTOREMEDIATION FIELD SITE
Facility Id:	16926

WA MANIFEST:

Name:		UW PHYTOREMEDIATION FIELD SITE
Address:		2801 PACFIC HWY E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		16926
EPA ID:		WAH000041871
NAICS:		611310
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D040	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		178019988
Business Type:		Uni Field research site
Mail Name:		WA UW EHS
Mailing Address:		PO Box 354110
Mailing City,State,Zip:		Seattle, WA 98195
Legal Organization Name:		WA UW EHS
Legal Organization Type:		State

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Legal Contact:	Not reported
Legal Address:	PO Box 354110
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98195
Legal Phone Number:	206-543-0467
Legal Effective Date:	09/01/2009
Land Organization Name:	Glen Springs Holding Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway Ste 1350
Land City,State,Zip:	Dallas, TX 75244-6119
Land Phone Number:	972-687-7506
Operator Organization Name:	WA UW EHS
Operator Organization Type:	State
Operator:	Not reported
Operator Address:	PO Box 354110
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98195
Operator Phone Number:	206-543-0467
Operator Effective Date:	09/01/2009
Site Contact:	Douglas Gallucci
Site Contact Address:	PO Box 354110
Contact City,State,Zip:	Seattle, WA 98195
Site Contact Phone Number:	206-543-0467
Site Contact Email:	douglasg@u.washington.edu
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Contaminated Solids-DW
CORb Sequence Number:	145829
Sequence Number:	3294664

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	159
Quanity Unit:	K
Kilograms Quanity:	159
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	1754084
Shipment Date:	2014-01-29 00:00:00
Mainfest Document ID:	24502
Reported Quanity:	159
Unit of Measure:	K
Kilograms Quanity:	159
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	824251
Received EPAID:	NED981723513
Managed Quanity:	159
Kilogram Quanity:	159
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	7369012
WCDA Code:	D040

Waste Stream Source Code:

CORB Waste Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	1
WCDD Code:	G15

Name:	UW PHYTOREMEDIATION FIELD SITE
Address:	2801 PACFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	16926
EPA ID:	WAH000041871
NAICS:	611310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	178019988
Business Type:	Uni Field research site
Mail Name:	WA UW EHS
Mailing Address:	PO Box 354110
Mailing City,State,Zip:	Seattle, WA 98195
Legal Organization Name:	WA UW EHS
Legal Organization Type:	State
Legal Contact:	Not reported
Legal Address:	PO Box 354110
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98195
Legal Phone Number:	206-543-0467
Legal Effective Date:	09/01/2009
Land Organization Name:	Glen Springs Holding Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway Ste 1350
Land City,State,Zip:	Dallas, TX 75244-6119
Land Phone Number:	972-687-7506
Operator Organization Name:	WA UW EHS
Operator Organization Type:	State
Operator:	Not reported
Operator Address:	PO Box 354110
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98195
Operator Phone Number:	206-543-0467
Operator Effective Date:	09/01/2009
Site Contact:	Douglas Gallucci
Site Contact Address:	PO Box 354110
Contact City,State,Zip:	Seattle, WA 98195
Site Contact Phone Number:	206-543-0467
Site Contact Email:	douglasg@u.washington.edu
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	UW PHYTOREMEDIATION FIELD SITE
Address:	2801 PACFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	16926
EPA ID:	WAH000041871
NAICS:	611310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	178019988
Business Type:	Uni Field research site
Mail Name:	WA UW EHS
Mailing Address:	PO Box 354110
Mailing City,State,Zip:	Seattle, WA 98195
Legal Organization Name:	WA UW EHS
Legal Organization Type:	State
Legal Contact:	Not reported
Legal Address:	PO Box 354110
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98195
Legal Phone Number:	206-543-0467
Legal Effective Date:	09/01/2009
Land Organization Name:	Glen Springs Holding Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway Ste 1350
Land City,State,Zip:	Dallas, TX 75244-6119
Land Phone Number:	972-687-7506
Operator Organization Name:	WA UW EHS
Operator Organization Type:	State

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Operator:	Not reported
Operator Address:	PO Box 354110
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98195
Operator Phone Number:	206-543-0467
Operator Effective Date:	09/01/2009
Site Contact:	Douglas Gallucci
Site Contact Address:	PO Box 354110
Contact City,State,Zip:	Seattle, WA 98195
Site Contact Phone Number:	206-543-0467
Site Contact Email:	douglasg@u.washington.edu
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Contaminated Solids-DW
CORb Sequence Number:	137425
Sequence Number:	2669033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	250
Quanity Unit:	K
Kilograms Quanity:	249.999999
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137425
Waste Sequence Number:	2669033
Sequence Number:	1380203
Shipment Date:	2012-08-27 00:00:00

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Mainfest Document ID:	22533
Reported Quanity:	250
Unit of Measure:	K
Kilograms Quanity:	249.999999
Receiving EPAID:	UTD981552177

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137425
Waste Sequence Number:	2669033
Sequence Number:	668690
Received EPAID:	UTD981552177
Managed Quanity:	250
Kilogram Quanity:	249.999999
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	137425
Waste Sequence Number:	2669033
Sequence Number:	5936096
WCDA Code:	D040

Waste Stream Source Code:

CORB Waste Sequence Number:	137425
Waste Sequence Number:	2669033
Sequence Number:	1
WCDD Code:	G15

Y119 **SPORTSWEAR SVC** **WA ALLSITES** **1001969657**
SE **4101 INDUSTRY DR E** **RCRA NonGen / NLR** **WAH000010215**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.479 mi. **ECHO**
2529 ft. **Site 2 of 2 in cluster Y** **WA NPDES**

Relative: Higher
Actual: 20 ft.

ALLSITES:

Name:	SPORTSWEAR SVC
Facility Id:	93277555

RCRA Listings:

Date Form Received by Agency:	2001-05-30 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Handler Address:	4101 INDUSTRY DR E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000010215
Contact Name:	LORI WEDLAKE
Contact Address:	4301 A INDUSTRIAL DR E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-926-6000
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

SPORTSWEAR SVC (Continued) **1001969657**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4301 A INDUSTRIAL DR E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	COLLIERS INTERNATIONAL
Owner Type:	Private
Operator Name:	COLLIERS INTERNATIONAL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

SPORTSWEAR SVC (Continued) **1001969657**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-26 16:43:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 A INDUSTRIAL DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-6000
Owner/Operator Telephone Ext:	Not reported

SPORTSWEAR SVC (Continued) **1001969657**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LORI W
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 A INDUSTRIAL DR E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLLIERS INTERNATIONAL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLLIERS INTERN C
Legal Status:	Private
Date Became Current:	1999-12-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A

SPORTSWEAR SVC (Continued) **1001969657**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-926-5326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-05-29 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-29 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-30 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-07 00:00:00.0
Handler Name:	SPORTSWEAR SVC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SPORTSWEAR SVC (Continued) **1001969657**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42433
NAICS Description: WOMEN'S, CHILDREN'S, AND INFANTS' CLOTHING AND ACCESSORIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005396589

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001969657
Registry ID: 110005396589
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005396589
Name: SPORTSWEAR SVC
Address: 4101 INDUSTRY DR E
City,State,Zip: FIFE, WA 98424

NPDES:
Name: PRECISION MACHINE WORKS FIFE
Address: 4101 D INDUSTRY DR E
City,State,Zip: FIFE, WA 98424
Facility Status: Not reported
Facility Type: Industrial SW GP
Admin Region: Headqarters
Date Issued: 11/20/2019
Latitude: Not reported
Longitude: Not reported
Permit ID: WAR307347
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2024

SPORTSWEAR SVC (Continued) **1001969657**

Effective Date: 01/01/2020
Days to Expiration: -1632

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120 NE 1/2-1 0.507 mi. 2679 ft. **PORTAC INC TACOMA**
4215 SR 509 E FRONTAGE RD
TACOMA, WA 98421

WA CSCSL **S109344531**
WA ALLSITES **N/A**
WA MANIFEST

Relative: Lower
Actual: 13 ft.

CSCSL:

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Asbestos
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215

PORTAC INC TACOMA (Continued) **S109344531**

Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Remediated
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Remediated
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported

PORTAC INC TACOMA (Continued) **S109344531**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Phenolic Compounds
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PORTAC INC TACOMA
Facility Id: 1215

WA MANIFEST:
Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD

PORTAC INC TACOMA (Continued) **S109344531**

City,State,Zip:		TACOMA, WA 98421-3998
Facility Address 2:		Not reported
Facility ID:		1215
EPA ID:		WAD059327049
NAICS:		321912
State Waste Code Desc:		wt02
Federal Waste Code Desc:	d003	
Form Comm:		I am finding this reporting system to be very cumbersome in that once filled out, it is unknown if information is sent. I am a one time generator who is cleaning plant site and cannot find appropriate references for the work.
Data Year:		2008
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600298662
Business Type:		sawmill
Mail Name:		Portac Inc Tacoma
Mailing Address:		4215 SR 509 E Frontage Rd
Mailing City,State,Zip:		Tacoma, WA 98421-3998
Legal Organization Name:		Mitsui USA
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		1001 4th Ave
Legal Address 2:		Not reported
Legal City,State,Zip:		Seattle, WA 98154-1101
Legal Phone Number:		(253)922-0756
Legal Effective Date:		07/08/1996
Land Organization Name:		Port of Tacoma
Land Organization Type:		Municipal
Land Contact:		Not reported
Land Address:		1 SITCUM WAY
Land City,State,Zip:		TACOMA, WA 98421-3000
Land Phone Number:		(253)383-5841
Operator Organization Name:		Portac Inc Tacoma
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		4215 SR 509 E Frontage Rd
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421-3998
Operator Phone Number:		(253)922-9900
Operator Effective Date:		01/01/1997
Site Contact:		Terry L Mathern

PORTAC INC TACOMA (Continued) **S109344531**

Site Contact Address:	4215 SR 509 E Frontage Rd
Contact City,State,Zip:	Tacoma, WA 98421-3998
Site Contact Phone Number:	(253)922-9900
Site Contact Email:	tmathern@portac.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Waste soil with penta contamination
CORb Sequence Number:	114107
Sequence Number:	2003772
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2241490
Quanity Unit:	LB
Kilograms Quanity:	1016739.881487926
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Waste soil with penta contamination
CORb Sequence Number:	114107

PORTAC INC TACOMA (Continued) **S109344531**

Sequence Number:	1841205
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2472
Quanity Unit:	ST
Kilograms Quanity:	2242598.4385726932
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	114107
Waste Sequence Number:	1841205
Sequence Number:	876645
Shipment Date:	9/11/2008
Mainfest Document ID:	042901
Reported Quanity:	29
Unit of Measure:	ST
Kilograms Quanity:	26308.8004525114
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876686
Shipment Date:	9/12/2008
Mainfest Document ID:	043173
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876724
Shipment Date:	9/15/2008
Mainfest Document ID:	043406
Reported Quanity:	35
Unit of Measure:	ST
Kilograms Quanity:	31752.0005461344
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876708
Shipment Date:	9/12/2008
Mainfest Document ID:	042996
Reported Quanity:	35
Unit of Measure:	ST
Kilograms Quanity:	31752.0005461344
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876711
Shipment Date:	9/12/2008
Mainfest Document ID:	043050
Reported Quanity:	33
Unit of Measure:	ST
Kilograms Quanity:	29937.6005149267
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205

PORTAC INC TACOMA (Continued) **S109344531**

Sequence Number:	876642
Shipment Date:	9/11/2008
Mainfest Document ID:	042854
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876716
Shipment Date:	9/12/2008
Mainfest Document ID:	043017
Reported Quanity:	32
Unit of Measure:	ST
Kilograms Quanity:	29030.4004993229
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876693
Shipment Date:	9/12/2008
Mainfest Document ID:	043127
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2003772
Sequence Number:	954680
Shipment Date:	12/8/2008
Mainfest Document ID:	100031849CTN
Reported Quanity:	61000
Unit of Measure:	LB
Kilograms Quanity:	27669.6004759171
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2003772
Sequence Number:	954699
Shipment Date:	12/3/2008
Mainfest Document ID:	100031827CTN
Reported Quanity:	66720
Unit of Measure:	LB
Kilograms Quanity:	30264.1925205441
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876684
Shipment Date:	9/12/2008
Mainfest Document ID:	043115
Reported Quanity:	32
Unit of Measure:	ST
Kilograms Quanity:	29030.4004993229
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114107
Waste Sequence Number:	1841205
Sequence Number:	488066

PORTAC INC TACOMA (Continued) **S109344531**

Received EPAID: IDD073114654
Managed Quanity: 2472
Kilogram Quanity: 2242598.4385726932
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2003772
Sequence Number: 488072
Received EPAID: WAD991281767
Managed Quanity: 1550
Kilogram Quanity: 703.08001209297629
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 2003772
Sequence Number: 488071
Received EPAID: IDD073114654
Managed Quanity: 2239940
Kilogram Quanity: 1016036.8014758331
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 114107
Comments: One Time Clean Up of dipping area of waste soil that because contaminated prior to discontining use of pentachlorophnol in the 1098's found during demolition of site. One time only clean up.
Waste Sequence Number: 1841205
Sequence Number: 1

Comments: One Time Clean Up of dipping area of waste soil that because contaminated prior to discontining use of pentachlorophnol in the 1098's found during demolition of site. One time only clean up.
Waste Sequence Number: 2003772
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 114107
Waste Sequence Number: 1841205
Sequence Number: 4287084
WCDA Code: F032

Waste Sequence Number: 2003772
Sequence Number: 4287088
WCDA Code: F032

Waste Stream Source Code:
CORB Waste Sequence Number: 114107
Waste Sequence Number: 2003772
Sequence Number: 1
WCDD Code: G49

Waste Sequence Number: 1841205
Sequence Number: 1
WCDD Code: G44

121 WSW 1/2-1 0.523 mi. 2764 ft. | **WSDOT I-5 RIVER RD STORM WATER AREA B** | **WA CSCSL** | **S118821263**
WA ALLSITES | **N/A**

PIERCE (County), WA

Relative: Higher

Actual: 21 ft.

CSCSL:

Name:	WSDOT I-5 RIVER RD STORM WATER AREA B
Address:	Not reported
City,State,Zip:	WA
Facility ID:	5717
Region:	Southwest
Lat/Long:	47.237631644747 / -122.3909939620
Clean Up Siteid:	13046
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	WA DOT I5 River Rd Storm Water Area B
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WSDOT I-5 RIVER RD STORM WATER AREA B
Address:	Not reported
City,State,Zip:	WA
Facility ID:	5717
Region:	Southwest
Lat/Long:	47.237631644747 / -122.3909939620
Clean Up Siteid:	13046
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	WA DOT I5 River Rd Storm Water Area B
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WA DOT I5 RIVER RD STORM WATER AREA B
Facility Id:	5717

122 WSW 1/2-1 0.659 mi. 3482 ft. | **UNION PACIFIC RR FIFE**
2700-3330 20TH ST E
FIFE, WA 98424 | **WA HSL**
WA CSCSL
WA ALLSITES
WA NPDES | **S110486399**
N/A

Relative: Lower

Actual: 14 ft.

HSL:

Name:	UNION PACIFIC RR FIFE
Address:	Not reported
City,State,Zip:	FIFE, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	28881
Rank:	5
Region:	SW
EDR Link ID:	28881
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	UNION PACIFIC RR FIFE
Address:	2700-3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	28881
Region:	Southwest
Lat/Long:	47.238640000001 / -122.3834699997
Clean Up Siteid:	3194
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	UNION PACIFIC RAILROAD CO FIFE
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR FIFE
Address:	2700-3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	28881
Region:	Southwest
Lat/Long:	47.238640000001 / -122.3834699997
Clean Up Siteid:	3194
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	UNION PACIFIC RAILROAD CO FIFE
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

UNION PACIFIC RR FIFE (Continued) **S110486399**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RR FIFE
Facility Id:	28881

NPDES:

Name:	UNION PACIFIC RAILROAD CO FIFE
Address:	2700-3330 20TH ST E
City,State,Zip:	FIFE, WA 98424-1715
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR001153
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

123
East
1/2-1
0.692 mi.
3652 ft.

PETARCIK SITE
911 PACIFIC HWY E
TACOMA, WA 98424

WA CSCSL **1007080841**
WA ALLSITES **N/A**
FINDS

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	PETARCIK OCCIDENTAL CHEMICAL
Address:	911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1214
Region:	Southwest
Lat/Long:	47.244223820399 / -122.3905524720
Clean Up Siteid:	4327
Site Status:	CC-O&M/Monitoring
Contaminant Name:	Corrosive Wastes
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported

PETARCIK SITE (Continued) **1007080841**

Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETARCIK OCCIDENTAL CHEMICAL
Address: 911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98402
Facility ID: 1214
Region: Southwest
Lat/Long: 47.244223820399 / -122.3905524720
Clean Up Siteid: 4327
Site Status: CC-O&M/Monitoring
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PETARCIK OCCIDENTAL CHEMICAL
Facility Id: 1214

FINDS:
Registry ID: 110015575643

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070605590

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

124 West 1/2-1 0.755 mi. 3988 ft. | **ERKER & SON TEXACO**
2311 PACIFIC HWY E
TACOMA, WA 98424 | **WA HSL**
WA CSCSL
WA LUST
WA UST
WA ALLSITES | **U003665836**
N/A

Relative: Lower

Actual: 14 ft.

HSL:

Name:	BOB'S TEXACO
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	34147781
Rank:	2
Region:	SW
EDR Link ID:	34147781
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BOB'S TEXACO
Address:	2311 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	34147781
Region:	Southwest
Lat/Long:	47.24337 / -122.39752
Clean Up Siteid:	8784
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ERKER & SON TEXACO
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	BOB'S TEXACO
Address:	2311 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	34147781
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	8784
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	ERKER & SON TEXACO
Response Section:	Southwest
Release Date:	11/14/1990
Lust Date:	11/14/1990

ERKER & SON TEXACO (Continued) **U003665836**

Region:	Southwest
Lust ID:	4056
UST ID:	200356
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24337 / -122.39752

UST:

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	34147781
Site Id:	200356
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24337
Decimal Longitude:	-122.39752

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1976
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	2

ERKER & SON TEXACO (Continued) **U003665836**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1978
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1958
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ERKER & SON TEXACO (Continued) **U003665836**

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Unknown
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1958
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported

ERKER & SON TEXACO (Continued) **U003665836**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: ERKER & SON TEXACO
Address: 2311 PACIFIC HWY E
City: TACOMA
Zip: 98424

Tank Name: 6
Tag Number: Not reported
Tank Status: Closed in Place
Tank Status Date: 12/10/1999
Tank Install Date: 01/01/1958
Tank Closure Date: Not reported
Capacity Range: 2,001 to 4,999 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: ERKER & SON TEXACO
Facility Id: 34147781

125
SE
1/2-1
0.800 mi.
4224 ft.

2660 FRANK ALBERT RD
2660 FRANK ALBERT RD E
FIFE, WA 98424

WA CSCSL **S116362595**
WA ALLSITES **N/A**
WA SPILLS
WA ASBESTOS

Relative:
Higher

Actual:
22 ft.

CSCSL:
Name: OPLC TACOMA JUNCTION FACILITY
Address: 2660 FRANK ALBERT RD E
City,State,Zip: FIFE, WA 98424
Facility ID: 24529
Region: Southwest
Lat/Long: 47.23261 / -122.36816
Clean Up Siteid: 12943

2660 FRANK ALBERT RD (Continued) **S116362595**

Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Responsible Unit: Southwest

Name: OPLC TACOMA JUNCTION FACILITY
Address: 2660 FRANK ALBERT RD E
City,State,Zip: FIFE, WA 98424
Facility ID: 24529
Region: Southwest
Lat/Long: 47.23261 / -122.36816
Clean Up Siteid: 12943
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: 2660 Frank Albert Rd
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Above
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 2660 FRANK ALBERT RD
Facility Id: 24529

SPILLS:
Name: Not reported
Address: 2660 FRANK ALBERT RD
City,State,Zip: FIFE, WA
Facility ID: 646042
Medium: SURFACE WATER-FRESH
Material Desc: OTHER - SEE NOTE
Material Qty: 1
Material Units: OTHER
Date Received: Not reported
Contact Name: UNKNOWN
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported
Source Type: Not reported
Source: Not reported
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Not reported

ASBESTOS:
Name: Not reported
Address: 2660 FRANK ALBERT RD

2660 FRANK ALBERT RD (Continued) **S116362595**

City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	0
Form ID:	101461##1279Envir288801
Notice Date:	06/08/2015
Start Date:	06/29/2015
Completion Date:	06/29/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-06-08 13:23:18
Submitter IP Address:	67.183.249.78
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102780##1279Envir079297
Notice Date:	07/06/2015
Start Date:	07/06/2015
Completion Date:	07/06/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-07-06 08:36:01
Submitter IP Address:	67.160.73.38
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102915##1577Puget965380
Notice Date:	07/08/2015
Start Date:	07/08/2015
Completion Date:	07/08/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7: a.m.
Site Hours End:	2:00 p.m.
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	1
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	425-757-6872
Job Site CAS:	Ismael Arenas
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Puget Sound Abatement LLC (ABCN00001577)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley

2660 FRANK ALBERT RD (Continued) **S116362595**

Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	120
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	demarcation
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Spoke with John Stebbins about using the same notification previously

2660 FRANK ALBERT RD (Continued) **S116362595**

filed by Environmental. Existing Abatement company got kicked off job for Starting when no one was on site. There is nor roofing or countertops to abate. I removed them off of the old notification.

Date Time Submitted:	2015-07-08 06:08:46
Submitter IP Address:	216.160.123.110
Region:	3
UBI:	603345715
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Ismael Arenas ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102028##1279Envir215200
Notice Date:	06/19/2015
Start Date:	07/06/2015
Completion Date:	07/06/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-06-19 10:02:30
Submitter IP Address:	67.160.73.38
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

126 West 1/2-1 0.834 mi. 4406 ft.

Relative: Lower

Actual: 12 ft.

VENEER CHIP TRANSPORT
2205 PACIFIC HWY E
TACOMA, WA 98424

WA HSL
WA CSCSL
WA ALLSITES
WA SPILLS
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

1004794011
WAD988482923

HSL:

Name:	VENEER CHIP TRANSPORT
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	42252532
Rank:	4
Region:	SW
EDR Link ID:	42252532
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	42252532
Region:	Southwest
Lat/Long:	47.244258806416 / -122.3992331246
Clean Up Siteid:	4705
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	42252532
Region:	Southwest
Lat/Long:	47.244258806416 / -122.3992331246
Clean Up Siteid:	4705
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk

VENEER CHIP TRANSPORT (Continued) **1004794011**

Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	VENEER CHIP TRANSPORT
Facility Id:	42252532

SPILLS:

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA
Facility ID:	504225
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	05/18/1999
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

RCRA Listings:

Date Form Received by Agency:	2014-03-17 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Handler Address:	2205 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988482923
Contact Name:	JONATHAN LUCICH
Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1911
Contact Fax:	Not reported
Contact Email:	JONLUCICH@VENEERCHIP.COM
Contact Title:	VICE PRESIDENT
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified

VENEER CHIP TRANSPORT (Continued) **1004794011**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	VENEER CHIP TRANSPORT
Owner Type:	Private
Operator Name:	VENEER CHIP TRANSPORT, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 12:41:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY

VENEER CHIP TRANSPORT (Continued) **1004794011**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUCICH, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LARRY LUCICH
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private

VENEER CHIP TRANSPORT (Continued) **1004794011**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	1
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047-2108
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRA V
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private

VENEER CHIP TRANSPORT (Continued) **1004794011**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JONATHAN L
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-03-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-14 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-22 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-06 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-07 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-09 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-24 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT

VENEER CHIP TRANSPORT (Continued) **1004794011**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-24 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-17 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

NAICS Code:	484110
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005358335

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United

VENEER CHIP TRANSPORT (Continued) **1004794011**

States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794011
Registry ID:	110005358335
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358335
Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport, Inc.
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004

VENEER CHIP TRANSPORT (Continued) **1004794011**

Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	Veneer Chip Transport, Inc.
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	jonlucich@veneerchip.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

VENEER CHIP TRANSPORT (Continued) **1004794011**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	Veneer Chip Transport
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

VENEER CHIP TRANSPORT (Continued) **1004794011**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	48411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	veneer chip transport
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911

VENEER CHIP TRANSPORT (Continued) **1004794011**

Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	48411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004

VENEER CHIP TRANSPORT (Continued) **1004794011**

Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	veneer chip transport
Operator Organization Type:	Private
Operator:	Larry Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Larry Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	48411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE

VENEER CHIP TRANSPORT (Continued) **1004794011**

Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	veneer chip transport
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	TRUE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

127
ESE
1/2-1
0.844 mi.
4458 ft.

Relative:
Lower

Actual:
16 ft.

UPS TACOMA
5001 20TH ST E
TACOMA, WA 98424

RCRA-VSQG **1001969495**
WA CSCSL **WAD180330961**
WA LUST
WA UST
WA ALLSITES
FINDS
ECHO
WA MANIFEST
WA NPDES

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Handler Address:	5001 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD180330961
Contact Name:	TREAIR SMITH
Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Contact Telephone:	206-621-6233
Contact Fax:	Not reported
Contact Email:	TREAIRSMITH@UPS.COM
Contact Title:	FACILITIES ENGINEER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Owner Name:	UNITED PARCEL SERVICE INC
Owner Type:	Private
Operator Name:	UNITED PARCEL SERVICE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

UPS TACOMA (Continued) **1001969495**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

UPS TACOMA (Continued) **1001969495**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D021
Waste Description: CHLOROBENZENE

Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: P119

UPS TACOMA (Continued) **1001969495**

Waste Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
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UPS TACOMA (Continued) **1001969495**

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Owner/Operator Email:	Not reported

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UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108-1731
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
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Owner/Operator Telephone:	206-621-6233
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Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

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UPS TACOMA (Continued) **1001969495**

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UPS TACOMA (Continued) **1001969495**

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UPS TACOMA (Continued) **1001969495**

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Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108-1731
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-15 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

UPS TACOMA (Continued) **1001969495**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-03 00:00:00.0

UPS TACOMA (Continued) **1001969495**

Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

UPS TACOMA (Continued) **1001969495**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-14 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

UPS TACOMA (Continued) **1001969495**

Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-26 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-19 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-19 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-18 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator

UPS TACOMA (Continued) **1001969495**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-15 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-11 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

UPS TACOMA (Continued) **1001969495**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-12 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-17 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

UPS TACOMA (Continued) **1001969495**

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

NAICS Code:	49221
NAICS Description:	LOCAL MESSENGERS AND LOCAL DELIVERY

NAICS Code:	492210
NAICS Description:	LOCAL MESSENGERS AND LOCAL DELIVERY

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-09 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented

UPS TACOMA (Continued) **1001969495**

Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-07-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2007-04-12 00:00:00.0
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-09-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-06-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW

UPS TACOMA (Continued) **1001969495**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-04-12 00:00:00.0
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-07-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-06-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2018-04-26 00:00:00.0
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Return to Compliance Qualifier:	Documented

UPS TACOMA (Continued) **1001969495**

Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2018-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2014-05-22 00:00:00.0
Actual Return to Compliance Date:	2014-07-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-07-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-06-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW

UPS TACOMA (Continued) **1001969495**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-04-26 00:00:00.0
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2018-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-09 00:00:00.0
Actual Return to Compliance Date:	2002-07-10 00:00:00.0
Return to Compliance Qualifier:	Documented

UPS TACOMA (Continued) **1001969495**

Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-07-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Scheduled Compliance Date:	2007-09-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

UPS TACOMA (Continued) **1001969495**

Former Citation:	Not reported
Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Scheduled Compliance Date:	2007-07-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-05-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-15 00:00:00.0
Scheduled Compliance Date:	2014-07-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

UPS TACOMA (Continued) **1001969495**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-07-10 00:00:00.0
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CSCSL:

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Region:	Southwest
Lat/Long:	47.23909 / -122.36192
Clean Up Siteid:	9888
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Region:	Southwest
Lat/Long:	47.23909 / -122.36192
Clean Up Siteid:	9888
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UPS TACOMA (Continued) **1001969495**

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma

UPS TACOMA (Continued) **1001969495**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9888
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section: Southwest
Release Date: 04/23/1993
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2670
UST ID: 3688
Contaminant Name: Benzene
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23909 / -122.36192

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9888
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section: Southwest
Release Date: 04/23/1993
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2670
UST ID: 3688
Contaminant Name: Petroleum-Other
Ground Water: Suspected
Surface Water: Not reported

UPS TACOMA (Continued) **1001969495**

Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA

UPS TACOMA (Continued) **1001969495**

Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

UST:

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424
Facility ID:	61525354
Site Id:	3688
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23909
Decimal Longitude:	-122.36192
Tank Name:	1 GAS
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	11/01/1985
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)

UPS TACOMA (Continued) **1001969495**

Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: None
Pipe Pumping System: Pressurized System
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: UNITED PARCEL SERVICE FIFE
Address: 5001 20TH ST E
City: FIFE
Zip: 98424

Tank Name: 2 OIL
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 11/18/2008
Tank Install Date: 05/01/1985
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Annual
Tank Corrosion Protection: None
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Safe Suction (No Leak Detection)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: None
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: UNITED PARCEL SERVICE FIFE
Address: 5001 20TH ST E
City: FIFE
Zip: 98424

Tank Name: 3 WASTE
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 11/18/2008
Tank Install Date: 05/01/1985
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Annual

UPS TACOMA (Continued) **1001969495**

Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	NO ID
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	UPS TACOMA
Facility Id:	61525354

FINDS:

Registry ID: 110005333335

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington

UPS TACOMA (Continued) **1001969495**

Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969495
Registry ID:	110005333335
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005333335
Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D002,P075,U239
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False

UPS TACOMA (Continued) **1001969495**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494182
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30
Quanity Unit:	LB
Kilograms Quanity:	13.6080002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494183
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	132
Quanity Unit:	LB
Kilograms Quanity:	59.8752010
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494184
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21

UPS TACOMA (Continued) **1001969495**

Quanity Unit:	LB
Kilograms Quanity:	9.52560016
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494185
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	70
Quanity Unit:	LB
Kilograms Quanity:	31.7520005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494188
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	86
Quanity Unit:	LB
Kilograms Quanity:	39.0096006
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494190
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3494192
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.8136007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165100
Waste Sequence Number:	3494182
Sequence Number:	2099194
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494183
Sequence Number:	2099195
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494184
Sequence Number:	2099196
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	21
Unit of Measure:	LB
Kilograms Quanity:	9.52560016
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494185
Sequence Number:	2099197
Shipment Date:	2017-01-23 00:00:00
Mainfest Document ID:	001050833VES
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494186
Sequence Number:	2099198
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	001227010VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494187

UPS TACOMA (Continued) **1001969495**

Sequence Number: 2099199
Shipment Date: 2017-10-17 00:00:00
Mainfest Document ID: 001227169VES
Reported Quanity: 70
Unit of Measure: LB
Kilograms Quanity: 31.7520005
Receiving EPAID: COD980591184

Waste Sequence Number: 3494188
Sequence Number: 2099200
Shipment Date: 2017-08-22 00:00:00
Mainfest Document ID: 001227108VES
Reported Quanity: 105
Unit of Measure: LB
Kilograms Quanity: 47.6280008
Receiving EPAID: COD980591184

Waste Sequence Number: 3494189
Sequence Number: 2099201
Shipment Date: 2017-08-22 00:00:00
Mainfest Document ID: 001227108VES
Reported Quanity: 86
Unit of Measure: LB
Kilograms Quanity: 39.0096006
Receiving EPAID: COD980591184

Waste Sequence Number: 3494190
Sequence Number: 2099202
Shipment Date: 2017-12-11 00:00:00
Mainfest Document ID: 001227252VES
Reported Quanity: 76
Unit of Measure: LB
Kilograms Quanity: 34.4736005
Receiving EPAID: COD980591184

Waste Sequence Number: 3494191
Sequence Number: 2099203
Shipment Date: 2017-05-04 00:00:00
Mainfest Document ID: 001050956VES
Reported Quanity: 36
Unit of Measure: LB
Kilograms Quanity: 16.3296002
Receiving EPAID: COD980591184

Waste Sequence Number: 3494192
Sequence Number: 2099204
Shipment Date: 2017-08-22 00:00:00
Mainfest Document ID: 001227108VES
Reported Quanity: 101
Unit of Measure: LB
Kilograms Quanity: 45.8136007
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 165100
Waste Sequence Number: 3494185
Sequence Number: 956612

UPS TACOMA (Continued) **1001969495**

Received EPAID:	COD980591184
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494186
Sequence Number:	956613
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3494187
Sequence Number:	956614
Received EPAID:	COD980591184
Managed Quanity:	70
Kilogram Quanity:	31.7520005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494188
Sequence Number:	956615
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3494193
Sequence Number:	956859
Received EPAID:	COD980591184
Managed Quanity:	2695
Kilogram Quanity:	1222.45202
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494194
Sequence Number:	956866
Received EPAID:	COD980591184
Managed Quanity:	558
Kilogram Quanity:	253.108804
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494195
Sequence Number:	956872
Received EPAID:	COD980591184
Managed Quanity:	4322
Kilogram Quanity:	1960.45923
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494196
Sequence Number:	956873
Received EPAID:	COD980591184

UPS TACOMA (Continued) **1001969495**

Managed Quanity: 282
Kilogram Quanity: 127.915202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494182
Sequence Number: 956609
Received EPAID: COD980591184
Managed Quanity: 30
Kilogram Quanity: 13.6080002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494183
Sequence Number: 956610
Received EPAID: COD980591184
Managed Quanity: 132
Kilogram Quanity: 59.8752010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494184
Sequence Number: 956611
Received EPAID: COD980591184
Managed Quanity: 21
Kilogram Quanity: 9.52560016
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165100
Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494182
Sequence Number: 1

Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 8216452
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216469
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216468
WCDA Code: D003

Waste Sequence Number: 3494183
Sequence Number: 8216470
WCDA Code: D018

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3494183
Sequence Number: 8216471
WCDA Code: D019

Waste Sequence Number: 3494183
Sequence Number: 8216472
WCDA Code: D021

Waste Sequence Number: 3494184
Sequence Number: 8216476
WCDA Code: P075

Waste Sequence Number: 3494185
Sequence Number: 8216480
WCDA Code: P075

Waste Sequence Number: 3494186
Sequence Number: 8216484
WCDA Code: D001

Waste Sequence Number: 3494187
Sequence Number: 8216488
WCDA Code: D001

Waste Sequence Number: 3494188
Sequence Number: 8216495
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494183
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494184
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494185
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494186
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494187
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494200
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494194
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494195
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494196
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3494197
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D003,D018,D019,D021,D035,D039,P075,P105
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233

UPS TACOMA (Continued) **1001969495**

Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494182
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30
Quanity Unit:	LB
Kilograms Quanity:	13.6080002

UPS TACOMA (Continued) **1001969495**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494183
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	132
Quanity Unit:	LB
Kilograms Quanity:	59.8752010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494184
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	LB
Kilograms Quanity:	9.52560016
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494185
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	70
Quanity Unit:	LB
Kilograms Quanity:	31.7520005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494188
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	86
Quanity Unit:	LB
Kilograms Quanity:	39.0096006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494190

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494192
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.8136007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165100
Waste Sequence Number:	3494182
Sequence Number:	2099194
Shipment Date:	2017-03-09 00:00:00

UPS TACOMA (Continued) **1001969495**

Mainfest Document ID:	001050888VES
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494183
Sequence Number:	2099195
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494184
Sequence Number:	2099196
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	21
Unit of Measure:	LB
Kilograms Quanity:	9.52560016
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494185
Sequence Number:	2099197
Shipment Date:	2017-01-23 00:00:00
Mainfest Document ID:	001050833VES
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494186
Sequence Number:	2099198
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	001227010VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494187
Sequence Number:	2099199
Shipment Date:	2017-10-17 00:00:00
Mainfest Document ID:	001227169VES
Reported Quanity:	70
Unit of Measure:	LB
Kilograms Quanity:	31.7520005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494188
Sequence Number:	2099200
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	105
Unit of Measure:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494189
Sequence Number:	2099201
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	86
Unit of Measure:	LB
Kilograms Quanity:	39.0096006
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494190
Sequence Number:	2099202
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	76
Unit of Measure:	LB
Kilograms Quanity:	34.4736005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494191
Sequence Number:	2099203
Shipment Date:	2017-05-04 00:00:00
Mainfest Document ID:	001050956VES
Reported Quanity:	36
Unit of Measure:	LB
Kilograms Quanity:	16.3296002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494192
Sequence Number:	2099204
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	101
Unit of Measure:	LB
Kilograms Quanity:	45.8136007
Receiving EPAID:	COD980591184

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165100
Waste Sequence Number:	3494185
Sequence Number:	956612
Received EPAID:	COD980591184
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494186
Sequence Number:	956613
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494187
Sequence Number:	956614
Received EPAID:	COD980591184
Managed Quanity:	70
Kilogram Quanity:	31.7520005
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494188
Sequence Number:	956615
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3494193
Sequence Number:	956859
Received EPAID:	COD980591184
Managed Quanity:	2695
Kilogram Quanity:	1222.45202
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494194
Sequence Number:	956866
Received EPAID:	COD980591184
Managed Quanity:	558
Kilogram Quanity:	253.108804
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494195
Sequence Number:	956872
Received EPAID:	COD980591184
Managed Quanity:	4322
Kilogram Quanity:	1960.45923
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494196
Sequence Number:	956873
Received EPAID:	COD980591184
Managed Quanity:	282
Kilogram Quanity:	127.915202
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494182
Sequence Number:	956609
Received EPAID:	COD980591184
Managed Quanity:	30
Kilogram Quanity:	13.6080002
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494183

UPS TACOMA (Continued) **1001969495**

Sequence Number: 956610
Received EPAID: COD980591184
Managed Quanity: 132
Kilogram Quanity: 59.8752010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494184
Sequence Number: 956611
Received EPAID: COD980591184
Managed Quanity: 21
Kilogram Quanity: 9.52560016
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165100
Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494182
Sequence Number: 1

Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 8216452
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216469
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216468
WCDA Code: D003

Waste Sequence Number: 3494183
Sequence Number: 8216470
WCDA Code: D018

Waste Sequence Number: 3494183
Sequence Number: 8216471
WCDA Code: D019

Waste Sequence Number: 3494183
Sequence Number: 8216472
WCDA Code: D021

Waste Sequence Number: 3494184
Sequence Number: 8216476
WCDA Code: P075

Waste Sequence Number: 3494185

UPS TACOMA (Continued) **1001969495**

Sequence Number: 8216480
WCDA Code: P075

Waste Sequence Number: 3494186
Sequence Number: 8216484
WCDA Code: D001

Waste Sequence Number: 3494187
Sequence Number: 8216488
WCDA Code: D001

Waste Sequence Number: 3494188
Sequence Number: 8216495
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494183
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494184
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494185
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494186
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494187
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494200
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494194
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494195
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494196
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494197
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D002,D003,D018,D035,U154
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported

UPS TACOMA (Continued) **1001969495**

Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	WASTE ORGANIC PEROXIDE LIQUID (METYL ETHYL KETONE PEROXIDE)
CORb Sequence Number:	158487
Sequence Number:	3413667
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6
Quanity Unit:	LB
Kilograms Quanity:	2.72160004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413661
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3
Quanity Unit:	LB
Kilograms Quanity:	1.36080002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413662
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2149
Quanity Unit:	LB
Kilograms Quanity:	974.786416
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413660
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	84
Quanity Unit:	LB
Kilograms Quanity:	38.1024006
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413663
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3645
Quanity Unit:	LB
Kilograms Quanity:	1653.37202
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413665
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	107
Quanity Unit:	LB
Kilograms Quanity:	48.5352008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3412484
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3412487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413664
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2148
Quanity Unit:	LB
Kilograms Quanity:	974.332816
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	PERIODIC ACID AND DEBRIS
CORb Sequence Number:	158487
Sequence Number:	3413666
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	35
Quanity Unit:	LB
Kilograms Quanity:	15.8760002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	158487
Waste Sequence Number:	3413663
Sequence Number:	1997036
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES
Reported Quanity:	651
Unit of Measure:	LB
Kilograms Quanity:	295.293605
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413662
Sequence Number:	1997031
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES
Reported Quanity:	741
Unit of Measure:	LB
Kilograms Quanity:	336.117605
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413664
Sequence Number:	1997053
Shipment Date:	2016-11-22 00:00:00
Mainfest Document ID:	001050694VES
Reported Quanity:	349
Unit of Measure:	LB
Kilograms Quanity:	158.306402
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413663
Sequence Number:	1997035
Shipment Date:	2016-07-13 00:00:00
Mainfest Document ID:	001050447VES
Reported Quanity:	1061
Unit of Measure:	LB
Kilograms Quanity:	481.269608
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413663

UPS TACOMA (Continued) **1001969495**

Sequence Number:	1997034
Shipment Date:	2016-04-19 00:00:00
Mainfest Document ID:	001050222VES
Reported Quanity:	1156
Unit of Measure:	LB
Kilograms Quanity:	524.361609
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413661
Sequence Number:	1997018
Shipment Date:	2016-04-19 00:00:00
Mainfest Document ID:	001050222VES
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413667
Sequence Number:	1997072
Shipment Date:	2016-09-23 00:00:00
Mainfest Document ID:	015121359JJK
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	ORD089452353
Waste Sequence Number:	3413662
Sequence Number:	1997032
Shipment Date:	2016-10-14 00:00:00
Mainfest Document ID:	001050637VES
Reported Quanity:	183
Unit of Measure:	LB
Kilograms Quanity:	83.0088014
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413664
Sequence Number:	1997052
Shipment Date:	2016-10-14 00:00:00
Mainfest Document ID:	001050637VES
Reported Quanity:	153
Unit of Measure:	LB
Kilograms Quanity:	69.4008011
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413662
Sequence Number:	1997030
Shipment Date:	2016-07-13 00:00:00
Mainfest Document ID:	001050447VES
Reported Quanity:	279
Unit of Measure:	LB
Kilograms Quanity:	126.554402
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413664
Sequence Number:	1997051
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES

UPS TACOMA (Continued) **1001969495**

Reported Quanity: 305
Unit of Measure: LB
Kilograms Quanity: 138.348002
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 158487
Waste Sequence Number: 3413667
Sequence Number: 908174
Received EPAID: ORD089452353
Managed Quanity: 6
Kilogram Quanity: 2.72160004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3413665
Sequence Number: 908164
Received EPAID: COD980591184
Managed Quanity: 107
Kilogram Quanity: 48.5352008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3412484
Sequence Number: 907204
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413661
Sequence Number: 908153
Received EPAID: COD980591184
Managed Quanity: 3
Kilogram Quanity: 1.36080002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413662
Sequence Number: 908158
Received EPAID: COD980591184
Managed Quanity: 2149
Kilogram Quanity: 974.786416
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413660
Sequence Number: 908152
Received EPAID: COD980591184
Managed Quanity: 84
Kilogram Quanity: 38.1024006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413663
Sequence Number: 908159

UPS TACOMA (Continued) **1001969495**

Received EPAID: COD980591184
Managed Quanity: 3645
Kilogram Quanity: 1653.37202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3412487
Sequence Number: 907209
Received EPAID: COD980591184
Managed Quanity: 80
Kilogram Quanity: 36.2880006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413664
Sequence Number: 908162
Received EPAID: COD980591184
Managed Quanity: 2148
Kilogram Quanity: 974.332816
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413666
Sequence Number: 908169
Received EPAID: WAD991281767
Managed Quanity: 35
Kilogram Quanity: 15.8760002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 158487
Comments: A-8. METHYL ETHYL KETONE PEROXIDE
Waste Sequence Number: 3413667
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 158487
Waste Sequence Number: 3412487
Sequence Number: 7893874
WCDA Code: D003

Waste Sequence Number: 3413661
Sequence Number: 7893904
WCDA Code: U154

Waste Sequence Number: 3412484
Sequence Number: 7893871
WCDA Code: D001

Waste Sequence Number: 3412484
Sequence Number: 7893872
WCDA Code: D002

Waste Sequence Number: 3413660
Sequence Number: 7893896

UPS TACOMA (Continued) **1001969495**

WCDA Code: D018

Waste Sequence Number: 3413660
Sequence Number: 7893897
WCDA Code: D035

Waste Sequence Number: 3413666
Sequence Number: 7893955
WCDA Code: D002

Waste Sequence Number: 3413667
Sequence Number: 7893965
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 158487
Waste Sequence Number: 3412484
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3412487
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413660
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413661
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413662
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413663
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413664
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413665
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413666
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3413667
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D003,D018,D035,U002,D039
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363218
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48
Quanity Unit:	LB
Kilograms Quanity:	21.7728003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Waste (DMN)
CORb Sequence Number:	153568
Sequence Number:	3363229

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	LB
Kilograms Quanity:	2.26800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363217
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	81
Quanity Unit:	LB
Kilograms Quanity:	36.7416006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363219
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	558
Quanity Unit:	LB
Kilograms Quanity:	253.108804
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363221
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	96
Quanity Unit:	LB
Kilograms Quanity:	43.5456007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363226
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1393
Quanity Unit:	LB
Kilograms Quanity:	631.864810
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Waste (DMN)
CORb Sequence Number:	153568
Sequence Number:	3363228
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363222
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1012
Quanity Unit:	LB
Kilograms Quanity:	459.043207
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363225
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	850
Quanity Unit:	LB
Kilograms Quanity:	385.560006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363214
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363216
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48
Quanity Unit:	LB
Kilograms Quanity:	21.7728003
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	153568
Waste Sequence Number:	3363218
Sequence Number:	876738
Received EPAID:	COD980591184
Managed Quanity:	48
Kilogram Quanity:	21.7728003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3363229
Sequence Number:	876767
Received EPAID:	WAD991281767
Managed Quanity:	5
Kilogram Quanity:	2.26800003
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3363217
Sequence Number:	876737
Received EPAID:	COD980591184
Managed Quanity:	81

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity: 36.7416006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363219
Sequence Number: 876739
Received EPAID: COD980591184
Managed Quanity: 558
Kilogram Quanity: 253.108804
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363221
Sequence Number: 876741
Received EPAID: COD980591184
Managed Quanity: 96
Kilogram Quanity: 43.5456007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363226
Sequence Number: 876746
Received EPAID: COD980591184
Managed Quanity: 1393
Kilogram Quanity: 631.864810
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3363228
Sequence Number: 876766
Received EPAID: WAD991281767
Managed Quanity: 50
Kilogram Quanity: 22.6800003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3363223
Sequence Number: 876743
Received EPAID: COD980591184
Managed Quanity: 911
Kilogram Quanity: 413.229607
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363224
Sequence Number: 876744
Received EPAID: COD980591184
Managed Quanity: 279
Kilogram Quanity: 126.554402
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363214
Sequence Number: 876734
Received EPAID: COD980591184
Managed Quanity: 40
Kilogram Quanity: 18.1440003

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363216
Sequence Number: 876736
Received EPAID: COD980591184
Managed Quanity: 48
Kilogram Quanity: 21.7728003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 153568
Waste Sequence Number: 3363213
Sequence Number: 7672136
WCDA Code: D001

Waste Sequence Number: 3363215
Sequence Number: 7672138
WCDA Code: D003

Waste Sequence Number: 3363230
Sequence Number: 7672261
WCDA Code: D001

Waste Sequence Number: 3363230
Sequence Number: 7672260
WCDA Code: D002

Waste Sequence Number: 3363218
Sequence Number: 7672143
WCDA Code: D018

Waste Sequence Number: 3363218
Sequence Number: 7672144
WCDA Code: D039

Waste Sequence Number: 3363218
Sequence Number: 7672142
WCDA Code: U002

Waste Sequence Number: 3363214
Sequence Number: 7672137
WCDA Code: D001

Waste Sequence Number: 3363216
Sequence Number: 7672139
WCDA Code: D018

Waste Sequence Number: 3363217
Sequence Number: 7672140
WCDA Code: D018

Waste Sequence Number: 3363217
Sequence Number: 7672141
WCDA Code: D035

UPS TACOMA (Continued) **1001969495**

Waste Stream Source Code:

CORB Waste Sequence Number:	153568
Waste Sequence Number:	3363213
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363214
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363215
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363216
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363217
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363218
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363219
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363220
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363221
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363222
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363223
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D011,D018,D039,U002,U154,P075,D002
Form Comm:	Not reported

UPS TACOMA (Continued) **1001969495**

Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

UPS TACOMA (Continued) **1001969495**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301702
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301709
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	665
Quanity Unit:	LB
Kilograms Quanity:	301.644005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301716
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	99
Quanity Unit:	LB
Kilograms Quanity:	44.9064007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301700
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	114
Quanity Unit:	LB
Kilograms Quanity:	51.7104008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301707
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code:	D
Reported Quanity:	165
Quanity Unit:	LB
Kilograms Quanity:	74.8440012
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WASTE HYDROGEN PEROXIDE
CORb Sequence Number:	147514
Sequence Number:	3313289
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301703
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	535
Quanity Unit:	LB
Kilograms Quanity:	242.676004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301704
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301699
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	109
Quanity Unit:	LB
Kilograms Quanity:	49.4424008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301701
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006

UPS TACOMA (Continued) **1001969495**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301708
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	618
Quanity Unit:	LB
Kilograms Quanity:	280.324804
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147514
Waste Sequence Number:	3301715
Sequence Number:	1785041
Shipment Date:	2014-02-17 00:00:00
Mainfest Document ID:	000784825VES
Reported Quanity:	89
Unit of Measure:	LB
Kilograms Quanity:	40.3704006
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785046
Shipment Date:	2014-10-21 00:00:00
Mainfest Document ID:	000882800VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785044
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	000882970VES
Reported Quanity:	165
Unit of Measure:	LB
Kilograms Quanity:	74.8440012
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785045
Shipment Date:	2014-09-02 00:00:00

UPS TACOMA (Continued) **1001969495**

Mainfest Document ID:	000882865VES
Reported Quanity:	329
Unit of Measure:	LB
Kilograms Quanity:	149.234402
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785043
Shipment Date:	2014-05-20 00:00:00
Mainfest Document ID:	000784677VES
Reported Quanity:	187
Unit of Measure:	LB
Kilograms Quanity:	84.8232014
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785040
Shipment Date:	2014-01-07 00:00:00
Mainfest Document ID:	000784960VES
Reported Quanity:	484
Unit of Measure:	LB
Kilograms Quanity:	219.542403
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301715
Sequence Number:	1785042
Shipment Date:	2014-04-14 00:00:00
Mainfest Document ID:	000784749VES
Reported Quanity:	494
Unit of Measure:	LB
Kilograms Quanity:	224.078403
Receiving EPAID:	COD980591184
Waste Sequence Number:	3313290
Sequence Number:	1806194
Shipment Date:	2014-09-16 00:00:00
Mainfest Document ID:	012247015JJK
Reported Quanity:	29
Unit of Measure:	LB
Kilograms Quanity:	13.1544002
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3301698
Sequence Number:	1785008
Shipment Date:	2014-12-03 00:00:00
Mainfest Document ID:	000882722VES
Reported Quanity:	95
Unit of Measure:	LB
Kilograms Quanity:	43.0920007
Receiving EPAID:	COD980591184
Waste Sequence Number:	3301711
Sequence Number:	1785036
Shipment Date:	2014-12-03 00:00:00
Mainfest Document ID:	000882722VES
Reported Quanity:	98
Unit of Measure:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity: 44.4528007
Receiving EPAID: COD980591184

Waste Sequence Number: 3301713
Sequence Number: 1785038
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 167
Unit of Measure: LB
Kilograms Quanity: 75.7512013
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 147514
Waste Sequence Number: 3301715
Sequence Number: 832754
Received EPAID: COD980591184
Managed Quanity: 1880
Kilogram Quanity: 852.768014
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3313290
Sequence Number: 842052
Received EPAID: WAD991281767
Managed Quanity: 29
Kilogram Quanity: 13.1544002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301698
Sequence Number: 832737
Received EPAID: COD980591184
Managed Quanity: 95
Kilogram Quanity: 43.0920007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301711
Sequence Number: 832750
Received EPAID: COD980591184
Managed Quanity: 98
Kilogram Quanity: 44.4528007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301713
Sequence Number: 832752
Received EPAID: COD980591184
Managed Quanity: 167
Kilogram Quanity: 75.7512013
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3301700
Sequence Number: 832739
Received EPAID: COD980591184

UPS TACOMA (Continued) **1001969495**

Managed Quanity: 114
Kilogram Quanity: 51.7104008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301707
Sequence Number: 832746
Received EPAID: COD980591184
Managed Quanity: 165
Kilogram Quanity: 74.8440012
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3313289
Sequence Number: 842051
Received EPAID: WAD991281767
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301705
Sequence Number: 832744
Received EPAID: COD980591184
Managed Quanity: 48
Kilogram Quanity: 21.7728003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301706
Sequence Number: 832745
Received EPAID: COD980591184
Managed Quanity: 151
Kilogram Quanity: 68.4936011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301699
Sequence Number: 832738
Received EPAID: COD980591184
Managed Quanity: 109
Kilogram Quanity: 49.4424008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 147514
Comments: A-7. Intermittent disposal of waste aerosol spray cans.
Waste Sequence Number: 3301697
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 147514
Waste Sequence Number: 3313289
Sequence Number: 7511931
WCDA Code: D001

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3313289
Sequence Number: 7511932
WCDA Code: D002

Waste Sequence Number: 3313290
Sequence Number: 7511943
WCDA Code: D002

Waste Sequence Number: 3301699
Sequence Number: 7404422
WCDA Code: D001

Waste Sequence Number: 3301701
Sequence Number: 7404424
WCDA Code: D011

Waste Sequence Number: 3301702
Sequence Number: 7404425
WCDA Code: D018

Waste Sequence Number: 3301700
Sequence Number: 7404423
WCDA Code: D001

Waste Sequence Number: 3301697
Sequence Number: 7511930
WCDA Code: D001

Waste Sequence Number: 3301703
Sequence Number: 7404426
WCDA Code: D039

Waste Sequence Number: 3301704
Sequence Number: 7404428
WCDA Code: D018

Waste Sequence Number: 3301704
Sequence Number: 7404427
WCDA Code: U002

Waste Stream Source Code:
CORB Waste Sequence Number: 147514
Waste Sequence Number: 3301697
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3301698
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301699
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301700
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3301701
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301702
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301703
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301704
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301705
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301706
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301707
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WT02, WSC2
Federal Waste Code Desc:	D001, D018, D035, U002
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

UPS TACOMA (Continued) **1001969495**

Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221365
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	438
Quanity Unit:	LB
Kilograms Quanity:	198.676803
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221370
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	595
Quanity Unit:	LB
Kilograms Quanity:	269.892004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221372
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0

UPS TACOMA (Continued) **1001969495**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221390
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	146
Quanity Unit:	LB
Kilograms Quanity:	66.2256011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221395
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	82
Quanity Unit:	LB
Kilograms Quanity:	37.1952006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221366
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	332
Quanity Unit:	LB
Kilograms Quanity:	150.595202
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221368
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3181
Quanity Unit:	LB
Kilograms Quanity:	1442.90162
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221369
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	65
Quanity Unit:	LB
Kilograms Quanity:	29.4840005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221391
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	146
Quanity Unit:	LB
Kilograms Quanity:	66.2256011
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221392
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	53
Quanity Unit:	LB
Kilograms Quanity:	24.0408004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221393
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code: D
Reported Quanity: 11
Quanity Unit: LB
Kilograms Quanity: 4.98960008
Density Number: 0
Density Quanity: Not reported

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 141728
Waste Sequence Number: 3221391
Sequence Number: 776654
Received EPAID: COD980591184
Managed Quanity: 146
Kilogram Quanity: 66.2256011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221392
Sequence Number: 776640
Received EPAID: COD980591184
Managed Quanity: 53
Kilogram Quanity: 24.0408004
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221366
Sequence Number: 776656
Received EPAID: COD980591184
Managed Quanity: 332
Kilogram Quanity: 150.595202
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221368
Sequence Number: 776658
Received EPAID: COD980591184
Managed Quanity: 3181
Kilogram Quanity: 1442.90162
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221369
Sequence Number: 776592
Received EPAID: COD980591184
Managed Quanity: 65
Kilogram Quanity: 29.4840005
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221365
Sequence Number: 776642
Received EPAID: COD980591184
Managed Quanity: 438
Kilogram Quanity: 198.676803
Recycled Percentage: 0
Waste Management System Code: H061

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3221370
Sequence Number: 776655
Received EPAID: COD980591184
Managed Quanity: 595
Kilogram Quanity: 269.892004
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221372
Sequence Number: 776615
Received EPAID: COD980591184
Managed Quanity: 76
Kilogram Quanity: 34.4736005
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221390
Sequence Number: 776637
Received EPAID: COD980591184
Managed Quanity: 146
Kilogram Quanity: 66.2256011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221395
Sequence Number: 776646
Received EPAID: COD980591184
Managed Quanity: 82
Kilogram Quanity: 37.1952006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221393
Sequence Number: 776641
Received EPAID: COD980591184
Managed Quanity: 11
Kilogram Quanity: 4.98960008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 141728
Comments: A-7. Intermittent disposal of waste aerosol spray cans.
Waste Sequence Number: 3221371
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 141728
Waste Sequence Number: 3221369
Sequence Number: 7198326
WCDA Code: D018

Waste Sequence Number: 3221369
Sequence Number: 7198327
WCDA Code: D035

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3221369
Sequence Number: 7198325
WCDA Code: U002

Waste Sequence Number: 3221372
Sequence Number: 7198338
WCDA Code: D018

Waste Sequence Number: 3221395
Sequence Number: 7198364
WCDA Code: D018

Waste Sequence Number: 3221395
Sequence Number: 7198365
WCDA Code: D035

Waste Sequence Number: 3221392
Sequence Number: 7198351
WCDA Code: D001

Waste Sequence Number: 3221393
Sequence Number: 7198355
WCDA Code: D001

Waste Sequence Number: 3221394
Sequence Number: 7198359
WCDA Code: D001

Waste Sequence Number: 3221371
Sequence Number: 7198366
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 141728
Waste Sequence Number: 3221371
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3221364
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221365
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221366
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221368
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221369
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3221370
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221372
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221387
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221390
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221391
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WP01, WP02, WP03, WT02, WSC2
Federal Waste Code Desc:	P119, D001, D005 D007 D011, D003, D005, D018, D023, D035, U080, D002, D008
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private

UPS TACOMA (Continued) **1001969495**

Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP03
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665184

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	217
Quanity Unit:	LB
Kilograms Quanity:	98.4312016
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP03
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665185
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	321
Quanity Unit:	LB
Kilograms Quanity:	145.605602
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	157
Quanity Unit:	LB
Kilograms Quanity:	71.2152012
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	103
Quanity Unit:	LB
Kilograms Quanity:	46.7208008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665200
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665171
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	47
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	21.3192003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665173
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665180
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	89
Quanity Unit:	LB
Kilograms Quanity:	40.3704006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	WP03
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665182
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	118
Quanity Unit:	LB
Kilograms Quanity:	53.5248009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2599
Quanity Unit:	LB
Kilograms Quanity:	1178.90642
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1948
Quanity Unit:	LB
Kilograms Quanity:	883.612815
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Shipments Send:

CORB Waste Sequence Number:	136931
Waste Sequence Number:	2665171
Sequence Number:	1361123
Shipment Date:	2012-03-30 00:00:00
Mainfest Document ID:	000449063VES
Reported Quanity:	15
Unit of Measure:	LB
Kilograms Quanity:	6.80400011
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665171
Sequence Number:	1361124
Shipment Date:	2012-10-19 00:00:00
Mainfest Document ID:	000449672VES
Reported Quanity:	32
Unit of Measure:	LB
Kilograms Quanity:	14.5152002
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665173
Sequence Number:	1361129
Shipment Date:	2012-06-29 00:00:00
Mainfest Document ID:	000449848VES
Reported Quanity:	60
Unit of Measure:	LB
Kilograms Quanity:	27.2160004
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665180
Sequence Number:	1361136
Shipment Date:	2012-06-29 00:00:00
Mainfest Document ID:	000449848VES
Reported Quanity:	89
Unit of Measure:	LB
Kilograms Quanity:	40.3704006
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665182
Sequence Number:	1361138
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	000448724VES
Reported Quanity:	118
Unit of Measure:	LB
Kilograms Quanity:	53.5248009
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665189
Sequence Number:	1361155
Shipment Date:	2012-03-30 00:00:00
Mainfest Document ID:	000449063VES
Reported Quanity:	117
Unit of Measure:	LB
Kilograms Quanity:	53.0712009
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665189

UPS TACOMA (Continued) **1001969495**

Sequence Number:	1361159
Shipment Date:	2012-12-13 00:00:00
Mainfest Document ID:	000449569VES
Reported Quanity:	305
Unit of Measure:	LB
Kilograms Quanity:	138.348002
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665189
Sequence Number:	1361157
Shipment Date:	2012-08-13 00:00:00
Mainfest Document ID:	000449790VES
Reported Quanity:	526
Unit of Measure:	LB
Kilograms Quanity:	238.593604
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665189
Sequence Number:	1361154
Shipment Date:	2012-01-04 00:00:00
Mainfest Document ID:	000448589VES
Reported Quanity:	389
Unit of Measure:	LB
Kilograms Quanity:	176.450403
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665189
Sequence Number:	1361158
Shipment Date:	2012-10-19 00:00:00
Mainfest Document ID:	000449672VES
Reported Quanity:	872
Unit of Measure:	LB
Kilograms Quanity:	395.539206
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665189
Sequence Number:	1361156
Shipment Date:	2012-05-14 00:00:00
Mainfest Document ID:	000449950VES
Reported Quanity:	390
Unit of Measure:	LB
Kilograms Quanity:	176.904003
Receiving EPAID:	COD980591184

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136931
Waste Sequence Number:	2665172
Sequence Number:	664119
Received EPAID:	COD980591184
Managed Quanity:	278
Kilogram Quanity:	126.100802
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	2665174
Sequence Number:	664121
Received EPAID:	COD980591184

UPS TACOMA (Continued) **1001969495**

Managed Quanity: 83
Kilogram Quanity: 37.6488006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665179
Sequence Number: 664126
Received EPAID: COD980591184
Managed Quanity: 160
Kilogram Quanity: 72.5760012
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665181
Sequence Number: 664128
Received EPAID: COD980591184
Managed Quanity: 76
Kilogram Quanity: 34.4736005
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2665183
Sequence Number: 664130
Received EPAID: COD980591184
Managed Quanity: 141
Kilogram Quanity: 63.9576011
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2665188
Sequence Number: 664136
Received EPAID: COD980591184
Managed Quanity: 255
Kilogram Quanity: 115.668001
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665188
Sequence Number: 664135
Received EPAID: COD980591184
Managed Quanity: 426
Kilogram Quanity: 193.233603
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2665190
Sequence Number: 664139
Received EPAID: COD980591184
Managed Quanity: 19
Kilogram Quanity: 8.61840014
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665190
Sequence Number: 664138
Received EPAID: COD980591184
Managed Quanity: 384

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity: 174.182402
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2665171
Sequence Number: 664118
Received EPAID: COD980591184
Managed Quanity: 47
Kilogram Quanity: 21.3192003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2665173
Sequence Number: 664120
Received EPAID: COD980591184
Managed Quanity: 60
Kilogram Quanity: 27.2160004
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 136931
Comments: Additional Waste Code WT02
Waste Sequence Number: 2665181
Sequence Number: 1

Comments: Additional Waste Code WT02
Waste Sequence Number: 2665182
Sequence Number: 1

Comments: Additional Waste Code WT02
Waste Sequence Number: 2665183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136931
Waste Sequence Number: 2665170
Sequence Number: 5916121
WCDA Code: P119

Waste Sequence Number: 2665175
Sequence Number: 5916111
WCDA Code: D003

Waste Sequence Number: 2665176
Sequence Number: 5916112
WCDA Code: D005

Waste Sequence Number: 2665177
Sequence Number: 5916113
WCDA Code: D005

Waste Sequence Number: 2665178
Sequence Number: 5916114
WCDA Code: D018

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2665193
Sequence Number: 5916139
WCDA Code: D002

Waste Sequence Number: 2665193
Sequence Number: 5916140
WCDA Code: D008

Waste Sequence Number: 2665171
Sequence Number: 5916104
WCDA Code: D001

Waste Sequence Number: 2665173
Sequence Number: 5916106
WCDA Code: D001

Waste Sequence Number: 2665180
Sequence Number: 5916117
WCDA Code: U080

Waste Sequence Number: 2665172
Sequence Number: 5916105
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 136931
Waste Sequence Number: 2665170
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665171
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665172
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665173
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665174
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665175
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665176
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665177
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	2665178
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665179
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2665180
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported

UPS TACOMA (Continued) **1001969495**

Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642752
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6
Quanity Unit:	LB
Kilograms Quanity:	2.72160004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642754
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	264
Quanity Unit:	LB
Kilograms Quanity:	119.750402
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642761
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	63
Quanity Unit:	LB
Kilograms Quanity:	28.5768004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642763

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	278
Quanity Unit:	LB
Kilograms Quanity:	126.100802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WP02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2651242
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	131
Quanity Unit:	LB
Kilograms Quanity:	59.4216010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642749
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	67
Quanity Unit:	LB
Kilograms Quanity:	30.3912005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642750
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	LB
Kilograms Quanity:	24.9480004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2642764
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	295
Quanity Unit:	LB
Kilograms Quanity:	133.812002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2642765
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	280
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	127.008002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	131961
Sequence Number:	2642766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1408
Quanity Unit:	LB
Kilograms Quanity:	638.668810
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	131961
Sequence Number:	2651239
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	171
Quanity Unit:	LB
Kilograms Quanity:	77.5656013
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	131961
Waste Sequence Number:	2642755
Sequence Number:	638789
Received EPAID:	MOD981505555
Managed Quanity:	74
Kilogram Quanity:	33.5664005
Recycled Percentage:	Not reported
Waste Management System Code:	H141

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2642756
Sequence Number: 638790
Received EPAID: COD980591184
Managed Quanity: 208
Kilogram Quanity: 94.3488016
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642756
Sequence Number: 638791
Received EPAID: MOD981505555
Managed Quanity: 702
Kilogram Quanity: 318.427205
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642757
Sequence Number: 638793
Received EPAID: COD980591184
Managed Quanity: 34
Kilogram Quanity: 15.4224002
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642758
Sequence Number: 638794
Received EPAID: COD980591184
Managed Quanity: 77
Kilogram Quanity: 34.9272006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642759
Sequence Number: 638795
Received EPAID: MOD981505555
Managed Quanity: 87
Kilogram Quanity: 39.4632006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642752
Sequence Number: 638785
Received EPAID: COD980591184
Managed Quanity: 6
Kilogram Quanity: 2.72160004
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642754
Sequence Number: 638787
Received EPAID: MOD981505555
Managed Quanity: 264
Kilogram Quanity: 119.750402
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642761

UPS TACOMA (Continued) **1001969495**

Sequence Number: 638798
Received EPAID: COD980591184
Managed Quanity: 47
Kilogram Quanity: 21.3192003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642761
Sequence Number: 638799
Received EPAID: MOD981505555
Managed Quanity: 16
Kilogram Quanity: 7.25760012
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642763
Sequence Number: 638848
Received EPAID: MOD981505555
Managed Quanity: 278
Kilogram Quanity: 126.100802
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 131961
Waste Sequence Number: 2642755
Sequence Number: 5769281
WCDA Code: D001

Waste Sequence Number: 2642755
Sequence Number: 5769282
WCDA Code: D002

Waste Sequence Number: 2642755
Sequence Number: 5769283
WCDA Code: D035

Waste Sequence Number: 2642756
Sequence Number: 5769294
WCDA Code: D002

Waste Sequence Number: 2642757
Sequence Number: 5769301
WCDA Code: D003

Waste Sequence Number: 2642758
Sequence Number: 5769313
WCDA Code: D003

Waste Sequence Number: 2642758
Sequence Number: 5769314
WCDA Code: D006

Waste Sequence Number: 2642758
Sequence Number: 5769315
WCDA Code: D008

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	2642759
Sequence Number:	5769335
WCDA Code:	D001
Waste Sequence Number:	2642759
Sequence Number:	5769334
WCDA Code:	U002
Waste Sequence Number:	2642752
Sequence Number:	5829517
WCDA Code:	D001

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported

UPS TACOMA (Continued) **1001969495**

Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408809
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	LB
Kilograms Quanity:	7.2576001248307227
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408808
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	82
Quanity Unit:	LB
Kilograms Quanity:	37.195200639757452
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408814
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	128
Quanity Unit:	LB
Kilograms Quanity:	58.060800998645782
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408821

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	778
Quanity Unit:	LB
Kilograms Quanity:	352.90080606989386
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408820
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	414
Quanity Unit:	LB
Kilograms Quanity:	187.79040322999495
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408817
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	186
Quanity Unit:	LB
Kilograms Quanity:	84.369601451157152
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408818
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	83
Quanity Unit:	LB
Kilograms Quanity:	37.648800647559376
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408819
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.813600787993934
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408816
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	106
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	48.081600827003534
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408811
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.680000390096009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408813
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	141
Quanity Unit:	LB
Kilograms Quanity:	63.95760110007074
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	126826
Waste Sequence Number:	2408822
Sequence Number:	1149126
Shipment Date:	12/3/2010
Mainfest Document ID:	000382472WAS
Reported Quanity:	113
Unit of Measure:	LB
Kilograms Quanity:	51.256800881617

UPS TACOMA (Continued) **1001969495**

Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408822
Sequence Number:	1143094
Shipment Date:	9/24/2010
Mainfest Document ID:	000352656WAS
Reported Quanity:	138
Unit of Measure:	LB
Kilograms Quanity:	62.596801076665
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408822
Sequence Number:	1143106
Shipment Date:	10/20/2010
Mainfest Document ID:	000363226WAS
Reported Quanity:	80
Unit of Measure:	LB
Kilograms Quanity:	36.2880006241536
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143085
Shipment Date:	8/26/2010
Mainfest Document ID:	000351572WAS
Reported Quanity:	18
Unit of Measure:	LB
Kilograms Quanity:	8.16480014043456
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1149122
Shipment Date:	12/3/2010
Mainfest Document ID:	000382472WAS
Reported Quanity:	32
Unit of Measure:	LB
Kilograms Quanity:	14.5152002496614
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143098
Shipment Date:	10/20/2010
Mainfest Document ID:	000363226WAS
Reported Quanity:	43
Unit of Measure:	LB
Kilograms Quanity:	19.5048003354826
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143074
Shipment Date:	7/15/2010
Mainfest Document ID:	000337182WAS
Reported Quanity:	35
Unit of Measure:	LB
Kilograms Quanity:	15.8760002730672
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408815

UPS TACOMA (Continued) **1001969495**

Sequence Number:	1143061
Shipment Date:	5/27/2010
Mainfest Document ID:	000337248WAS
Reported Quanity:	67
Unit of Measure:	LB
Kilograms Quanity:	30.3912005227286
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408816
Sequence Number:	1143035
Shipment Date:	1/6/2010
Mainfest Document ID:	000288092WAS
Reported Quanity:	106
Unit of Measure:	LB
Kilograms Quanity:	48.0816008270035
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408817
Sequence Number:	1143096
Shipment Date:	10/20/2010
Mainfest Document ID:	000363226WAS
Reported Quanity:	186
Unit of Measure:	LB
Kilograms Quanity:	84.3696014511572
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408831
Sequence Number:	1143045
Shipment Date:	3/10/2010
Mainfest Document ID:	000303790WAS
Reported Quanity:	23
Unit of Measure:	LB
Kilograms Quanity:	10.4328001794442
Receiving EPAID:	MOD981505555

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	126826
Waste Sequence Number:	2408814
Sequence Number:	584315
Received EPAID:	MOD981505555
Managed Quanity:	128
Kilogram Quanity:	58.060800998645782
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408815
Sequence Number:	578599
Received EPAID:	MOD981505555
Managed Quanity:	67
Kilogram Quanity:	30.391200522728649
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408831
Sequence Number:	578589
Received EPAID:	MOD981505555
Managed Quanity:	23

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity:	10.432800179444163
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2492194
Sequence Number:	584339
Received EPAID:	UTD981552177
Managed Quanity:	5
Kilogram Quanity:	2.2680000390096007
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2408816
Sequence Number:	578576
Received EPAID:	MOD981505555
Managed Quanity:	106
Kilogram Quanity:	48.081600827003534
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408817
Sequence Number:	578641
Received EPAID:	MOD981505555
Managed Quanity:	186
Kilogram Quanity:	84.369601451157152
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408820
Sequence Number:	584316
Received EPAID:	MOD981505555
Managed Quanity:	414
Kilogram Quanity:	187.79040322999495
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408811
Sequence Number:	578609
Received EPAID:	MOD981505555
Managed Quanity:	50
Kilogram Quanity:	22.680000390096009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408818
Sequence Number:	578631
Received EPAID:	MOD981505555
Managed Quanity:	83
Kilogram Quanity:	37.648800647559376
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2408813
Sequence Number:	578594
Received EPAID:	MOD981505555
Managed Quanity:	141
Kilogram Quanity:	63.95760110007074

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408822
Sequence Number: 584322
Received EPAID: MOD981505555
Managed Quanity: 540
Kilogram Quanity: 244.94400421303689
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 126826
Waste Sequence Number: 2408816
Sequence Number: 5228981
WCDA Code: D018

Waste Sequence Number: 2408817
Sequence Number: 5229470
WCDA Code: D018

Waste Sequence Number: 2408814
Sequence Number: 5394630
WCDA Code: D001

Waste Sequence Number: 2408818
Sequence Number: 5229381
WCDA Code: D001

Waste Sequence Number: 2408809
Sequence Number: 5228968
WCDA Code: D001

Waste Sequence Number: 2408816
Sequence Number: 5228980
WCDA Code: D001

Waste Sequence Number: 2408808
Sequence Number: 5394514
WCDA Code: D001

Waste Sequence Number: 2408815
Sequence Number: 5229128
WCDA Code: D001

Waste Sequence Number: 2408815
Sequence Number: 5229129
WCDA Code: D005

Waste Sequence Number: 2408817
Sequence Number: 5229471
WCDA Code: D035

Waste Sequence Number: 2408817
Sequence Number: 5229469
WCDA Code: D001

UPS TACOMA (Continued) **1001969495**

Waste Stream Source Code:

CORB Waste Sequence Number:	126826
Waste Sequence Number:	2408811
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408819
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408809
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408814
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408815
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408816
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408813
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408812
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408822
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408810
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2408817
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

UPS TACOMA (Continued) **1001969495**

Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

UPS TACOMA (Continued) **1001969495**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060758
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	163
Quanity Unit:	LB
Kilograms Quanity:	73.93680127171298
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060754
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	103
Quanity Unit:	LB
Kilograms Quanity:	46.720800803597776
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060768
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	202
Quanity Unit:	LB
Kilograms Quanity:	91.627201575987868
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060755
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	94
Quanity Unit:	LB
Kilograms Quanity:	42.638400733380493
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060763
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code:	D
Reported Quanity:	719
Quanity Unit:	LB
Kilograms Quanity:	326.13840560958062
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060760
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	34
Quanity Unit:	LB
Kilograms Quanity:	15.422400265265285
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060761
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.4432000936230418
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060757
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	768
Quanity Unit:	LB
Kilograms Quanity:	348.36480599187468
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060759
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	415
Quanity Unit:	LB
Kilograms Quanity:	188.24400323779687
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060762
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	206
Quanity Unit:	LB
Kilograms Quanity:	93.441601607195551

UPS TACOMA (Continued) **1001969495**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	75
Quanity Unit:	LB
Kilograms Quanity:	34.020000585144011
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	121688
Waste Sequence Number:	2060757
Sequence Number:	516360
Received EPAID:	MOD981505555
Managed Quanity:	768
Kilogram Quanity:	348.36480599187468
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060768
Sequence Number:	516379
Received EPAID:	MOD981505555
Managed Quanity:	202
Kilogram Quanity:	91.627201575987868
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060756
Sequence Number:	516359
Received EPAID:	MOD981505555
Managed Quanity:	388
Kilogram Quanity:	175.99680302714503
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060758
Sequence Number:	516362
Received EPAID:	MOD981505555
Managed Quanity:	163
Kilogram Quanity:	73.93680127171298
Recycled Percentage:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Management System Code: H141

Waste Sequence Number: 2060761
Sequence Number: 516367
Received EPAID: MOD981505555
Managed Quanity: 12
Kilogram Quanity: 5.4432000936230418
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060763
Sequence Number: 516371
Received EPAID: MOD981505555
Managed Quanity: 719
Kilogram Quanity: 326.13840560958062
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060759
Sequence Number: 516365
Received EPAID: MOD981505555
Managed Quanity: 415
Kilogram Quanity: 188.24400323779687
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060766
Sequence Number: 516375
Received EPAID: MOD981505555
Managed Quanity: 75
Kilogram Quanity: 34.020000585144011
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060754
Sequence Number: 516355
Received EPAID: MOD981505555
Managed Quanity: 103
Kilogram Quanity: 46.720800803597776
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060764
Sequence Number: 516372
Received EPAID: MOD981505555
Managed Quanity: 79
Kilogram Quanity: 35.834400616351694
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060760
Sequence Number: 516366
Received EPAID: MOD981505555
Managed Quanity: 34
Kilogram Quanity: 15.422400265265285
Recycled Percentage: Not reported
Waste Management System Code: H141

UPS TACOMA (Continued) **1001969495**

Waste Stream EPA Code:

CORB Waste Sequence Number:	121688
Waste Sequence Number:	2060767
Sequence Number:	4452435
WCDA Code:	D001
Waste Sequence Number:	2060755
Sequence Number:	4452233
WCDA Code:	D001
Waste Sequence Number:	2060758
Sequence Number:	4452282
WCDA Code:	D035
Waste Sequence Number:	2060768
Sequence Number:	4452462
WCDA Code:	D001
Waste Sequence Number:	2060757
Sequence Number:	4452262
WCDA Code:	D002
Waste Sequence Number:	2060757
Sequence Number:	4452261
WCDA Code:	D001
Waste Sequence Number:	2060758
Sequence Number:	4452281
WCDA Code:	D002
Waste Sequence Number:	2060764
Sequence Number:	4452367
WCDA Code:	U002
Waste Sequence Number:	2060764
Sequence Number:	4452369
WCDA Code:	D001
Waste Sequence Number:	2060761
Sequence Number:	4452317
WCDA Code:	D039
Waste Sequence Number:	2060764
Sequence Number:	4452368
WCDA Code:	U239

Waste Stream Source Code:

CORB Waste Sequence Number:	121688
Waste Sequence Number:	2060760
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060764
Sequence Number:	1
WCDD Code:	G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2060755
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060759
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060762
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060767
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060756
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060757
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060754
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060761
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060765
Sequence Number: 1
WCDD Code: G32

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	UNITED PARCEL SERVICE WATAC
Address:	5001 20TH ST E -
City,State,Zip:	TACOMA, WA 98424-1911
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23908999
Longitude:	-122.36192
Permit ID:	WAR000309
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024

UPS TACOMA (Continued) **1001969495**

Effective Date: 01/01/2020
Days to Expiration: -1632

---

128 ESE 1/2-1 0.898 mi. 4743 ft.

TOPPING VOLVO
5111 20TH ST E
TACOMA, WA 98424

RCRA-VSQG **1004793856**
WA CSCSL **WAD982654550**
WA LUST
WA UST
WA ALLSITES

Relative: Lower

Actual: 16 ft.

RCRA Listings:

Date Form Received by Agency:	2001-03-09 00:00:00.0
Handler Name:	TOPPING VOLVO
Handler Address:	5111 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD982654550
Contact Name:	MIKE JOHNSON
Contact Address:	5111 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-5505
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	5111 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	TOPPING VOLVO
Owner Type:	Private
Operator Name:	SEARLE, CHUCK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

TOPPING VOLVO (Continued) **1004793856**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PETE LOVELY VOLKSWAGEN INC
Legal Status: Private
Date Became Current: 1996-05-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PETE LOVELY VOLKSWAGEN INC
Legal Status: Private
Date Became Current: 1996-05-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO

TOPPING VOLVO (Continued) **1004793856**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING, BRAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	2001-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1910
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING, BRAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private

TOPPING VOLVO (Continued) **1004793856**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	1996-06-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-20 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TOPPING VOLVO (Continued) **1004793856**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-11 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-19 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-31 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-10 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-05 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TOPPING VOLVO (Continued) **1004793856**

Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-26 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-09 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CSCSL:

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Region:	Southwest
Lat/Long:	47.23919 / -122.36064
Clean Up Siteid:	8409
Site Status:	Cleanup Started

TOPPING VOLVO (Continued) **1004793856**

Contaminant Name: Benzene
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

TOPPING VOLVO (Continued) **1004793856**

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013

TOPPING VOLVO (Continued) **1004793856**

Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Petroleum-Other
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Bedrock: Not reported
Lat/Long: 47.23919 / -122.36064

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2198
UST ID: 4183
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23919 / -122.36064

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2198
UST ID: 4183
Contaminant Name: Benzene
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23919 / -122.36064

UST:
Name: PETE LOVELY VOLKSWAGEN INC
Address: 5111 20TH ST E
City: TACOMA
Zip: 98424
Facility ID: 24191258

TOPPING VOLVO (Continued) **1004793856**

Site Id:	4183
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23919
Decimal Longitude:	-122.36064
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel

TOPPING VOLVO (Continued) **1004793856**

Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Above Ground Piping
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: TOPPING VOLVO
Facility Id: 24191258

129
WNW
1/2-1
0.923 mi.
4873 ft.

Relative:
Lower

Actual:
13 ft.

PACIFIC COAST TRUCK CENTER
2312 MILWAUKEE WAY
TACOMA, WA 98421

WA CSCSL **1000252095**
WA LUST **WAD063874994**
WA UST
WA ICR
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

CSCSL:
Name: PACIFIC COAST TRUCK CENTER
Address: 2312 MILWAUKEE WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 44861274
Region: Southwest
Lat/Long: 47.2451 / -122.40096
Clean Up Siteid: 9253
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PACIFIC COAST TRUCK CENTER
Address: 2312 MILWAUKEE WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 44861274
Region: Southwest
Lat/Long: 47.2451 / -122.40096

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Region:	Southwest
Lat/Long:	47.2451 / -122.40096
Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Region:	Southwest
Lat/Long:	47.2451 / -122.40096
Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: PACIFIC COAST TRUCK CENTER
Address: 2312 MILWAUKEE WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 44861274
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9253
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: Not reported
Response Section: Southwest
Release Date: 03/02/1994
Lust Date: 09/04/2014
Region: Southwest
Lust ID: 3346
UST ID: 6965
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2451 / -122.40096

Name: PACIFIC COAST TRUCK CENTER
Address: 2312 MILWAUKEE WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 44861274
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9253
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: Not reported
Response Section: Southwest
Release Date: 03/02/1994
Lust Date: 09/04/2014
Region: Southwest
Lust ID: 3346
UST ID: 6965
Contaminant Name: Metals - Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2451 / -122.40096

Name: PACIFIC COAST TRUCK CENTER
Address: 2312 MILWAUKEE WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 44861274
Lust Status Type: LUST - Cleanup Started

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Cleanup Site ID:	9253
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	03/02/1994
Lust Date:	09/04/2014
Region:	Southwest
Lust ID:	3346
UST ID:	6965
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.40096

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9253
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	03/02/1994
Lust Date:	09/04/2014
Region:	Southwest
Lust ID:	3346
UST ID:	6965
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.40096

UST:

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City:	TACOMA
Zip:	98421
Facility ID:	44861274
Site Id:	6965
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451
Decimal Longitude:	-122.40096

Tank Name:	1
Tag Number:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/15/1984
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

ICR:

Date Ecology Received Report:	05/02/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	93-26
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	PACIFIC COAST TRUCK CENTER
Facility Id:	44861274

RCRA Listings:

Date Form Received by Agency:	2005-01-12 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Handler Address:	2312 MILWAUKEE WAY
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD063874994
Contact Name:	BILL AYERS
Contact Address:	2312 MILWAUKEE WAY
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-272-8401
Contact Fax:	Not reported
Contact Email:	PCTC1@AOL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2312 MILWAUKEE WAY
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	DOLE FOOD CO INC
Owner Type:	Private
Operator Name:	AYERS, BILL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:59:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO IN D
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL A
Legal Status:	Private
Date Became Current:	1996-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362-7300
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL AYERS
Legal Status:	Private
Date Became Current:	1996-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK & ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611-5503
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-01-11 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-01-11 00:00:00.0

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-12 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-01-22 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-21 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-22 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-19 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-27 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-16 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-04 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-13 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-06 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-11 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Large Quantity Generator

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

NAICS Code:	811118
NAICS Description:	OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-07-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005324390

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000252095
Registry ID:	110005324390
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005324390
Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

City,State,Zip: TACOMA, WA 98421

---

130 East 1/2-1 0.958 mi. 5060 ft.

CAC INC
5018 PAC HWY E
TACOMA, WA 98424

WA CSCSL
WA LUST
WA UST
WA ALLSITES

U003354731
N/A

Relative: Lower

Actual: 13 ft.

CSCSL:

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	20365296
Region:	Southwest
Lat/Long:	47.24386 / -122.36148
Clean Up Siteid:	5667
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	20365296
Region:	Southwest
Lat/Long:	47.24386 / -122.36148
Clean Up Siteid:	5667
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name: TACO BELL CHEVRON 97376

CAC INC (Continued) **U003354731**

Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 20365296
Region: Southwest
Lat/Long: 47.24386 / -122.36148
Clean Up Siteid: 5667
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: TACO BELL CHEVRON 97376
Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 20365296
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 5667
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Response Section: Southwest
Release Date: 04/04/1991
Lust Date: 04/05/1991
Region: Southwest
Lust ID: 1756
UST ID: 5234
Contaminant Name: Metals Priority Pollutants
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24386 / -122.36148

Name: TACO BELL CHEVRON 97376
Address: 5018 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 20365296
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 5667
Cleanup Unit Type: Upland

CAC INC (Continued) **U003354731**

Process Type:	Independent Action
Cleanup Unit Name:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Response Section:	Southwest
Release Date:	04/04/1991
Lust Date:	04/05/1991
Region:	Southwest
Lust ID:	1756
UST ID:	5234
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24386 / -122.36148

Name:	TACO BELL CHEVRON 97376
Address:	5018 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	20365296
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	5667
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Bobs Chevron Full Svc CAC Inc,CAC INC,CHEVRON SERVICE STATION 97376,CHEVRON USA 97376,FORMER CHEVRON 97376,TACO BELL FORMER CHEVRON 97376
Response Section:	Southwest
Release Date:	04/04/1991
Lust Date:	04/05/1991
Region:	Southwest
Lust ID:	1756
UST ID:	5234
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24386 / -122.36148

UST:

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	20365296
Site Id:	5234
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24386
Decimal Longitude:	-122.36148

CAC INC (Continued) **U003354731**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

CAC INC (Continued) **U003354731**

Dispencer/Pump SFC Type:	Not reported

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/10/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

CAC INC (Continued) **U003354731**

Pipe Material:	Fiberglass
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAC INC
Address:	5018 PAC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TACO BELL FORMER CHEVRON 97376
Facility Id:	20365296

131
East
1/2-1
0.983 mi.
5191 ft.

ABANDONED DRUMS FIFE
5306 PACIFIC HWY E
FIFE, WA 98424

WA CSCSL **S117896352**
WA LUST **N/A**
WA ALLSITES
WA SPILLS

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest

ABANDONED DRUMS FIFE (Continued) **S117896352**

Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Methyl tertiary-butyl ether
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported

ABANDONED DRUMS FIFE (Continued) **S117896352**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Region:	Southwest
Lat/Long:	47.242807502514 / -122.3574189314
Clean Up Siteid:	15047
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported

ABANDONED DRUMS FIFE (Continued) **S117896352**

Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Lead
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Methyl tertiary-butyl ether
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected

ABANDONED DRUMS FIFE (Continued) **S117896352**

Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Benzene
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

Name:	ABANDONED DRUMS FIFE
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	20014
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	15047
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/15/2019
Lust Date:	03/09/2019
Region:	Southwest
Lust ID:	8112
UST ID:	620448
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24211 / -122.35859

ALLSITES:
Name: ABANDONED DRUMS FIFE

ABANDONED DRUMS FIFE (Continued) **S117896352**

Facility Id: 20014

SPILLS:

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109130
Medium:	Roadway - Paved
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/04/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24196
Longitude:	-122.359
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Diesel Spill to Pavement, Fife 12-4-2019
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109130
Medium:	Roadway - Paved
Material Desc:	DIESEL LOW SULPHUR (ULSD)
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/04/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24196
Longitude:	-122.359
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109130
Medium:	Impermeable surface
Material Desc:	DIESEL LOW SULPHUR (ULSD)

ABANDONED DRUMS FIFE (Continued) **S117896352**

Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/04/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24196
Longitude:	-122.359
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	5306 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	656627
Medium:	IMPERMEABLE CONTAINMENT
Material Desc:	CHEMICAL
Material Qty:	5
Material Units:	DRUM
Date Received:	05/07/2015
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FIFE	S124434070	SCHULER INDUSTRIAL PARK	5919 12TH ST E & 1112 62ND AVE	98424	WA VCP
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		WA SWF/LF
TACOMA	S124432425	PORTAC INC TACOMA	4215 SR 509 E FRONTAGE RD	98421	WA VCP
TACOMA	1025802936	TACOMA ALUMINUM PHOSPHIHE RESPONSE	ALEXANDER AVENUE	98421	SEMS
TACOMA	S103504390	US OIL/HYUNDAI TERMINAL	PORT OF TACOMA ROAD	98421	WA ICR
TACOMA	1010080826	PSE TACOMA HISTORICAL COAL GAS	220 E RIVER STREET	98421	EDR MGP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

The Sanborn Map Report review was conducted for the TDLE project area.
The subject property is located in an area with no Sanborn Map coverage.

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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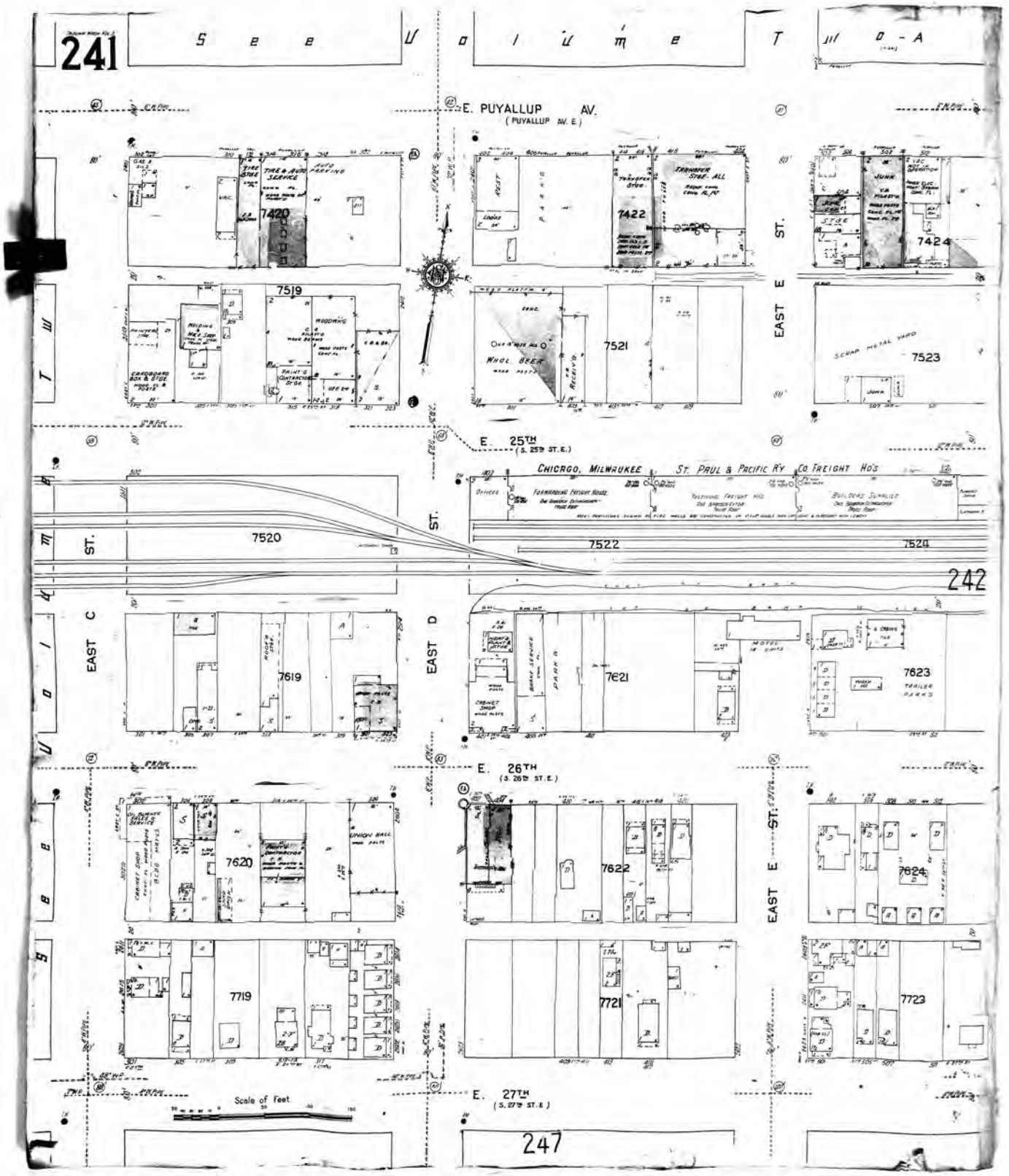

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City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

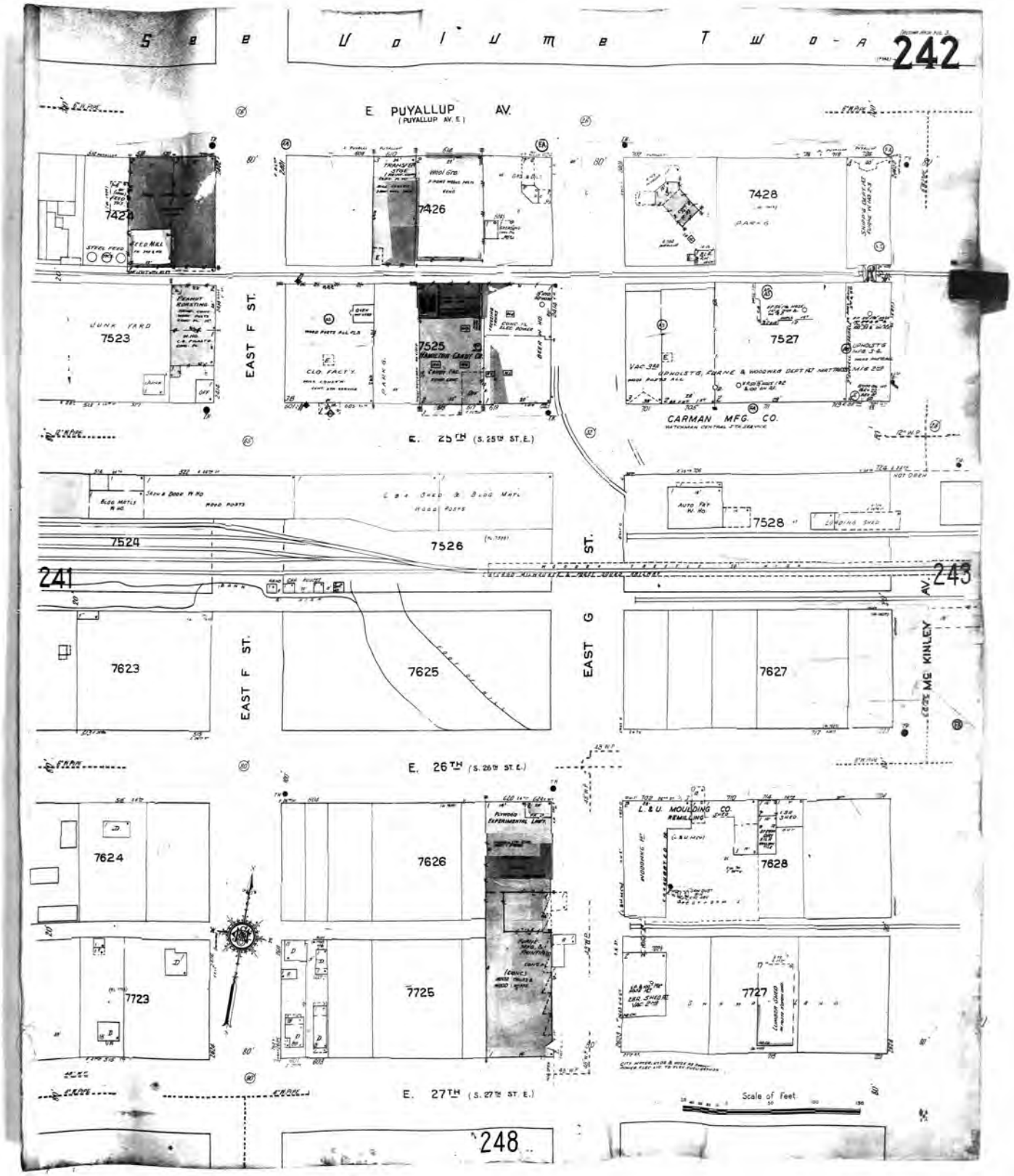

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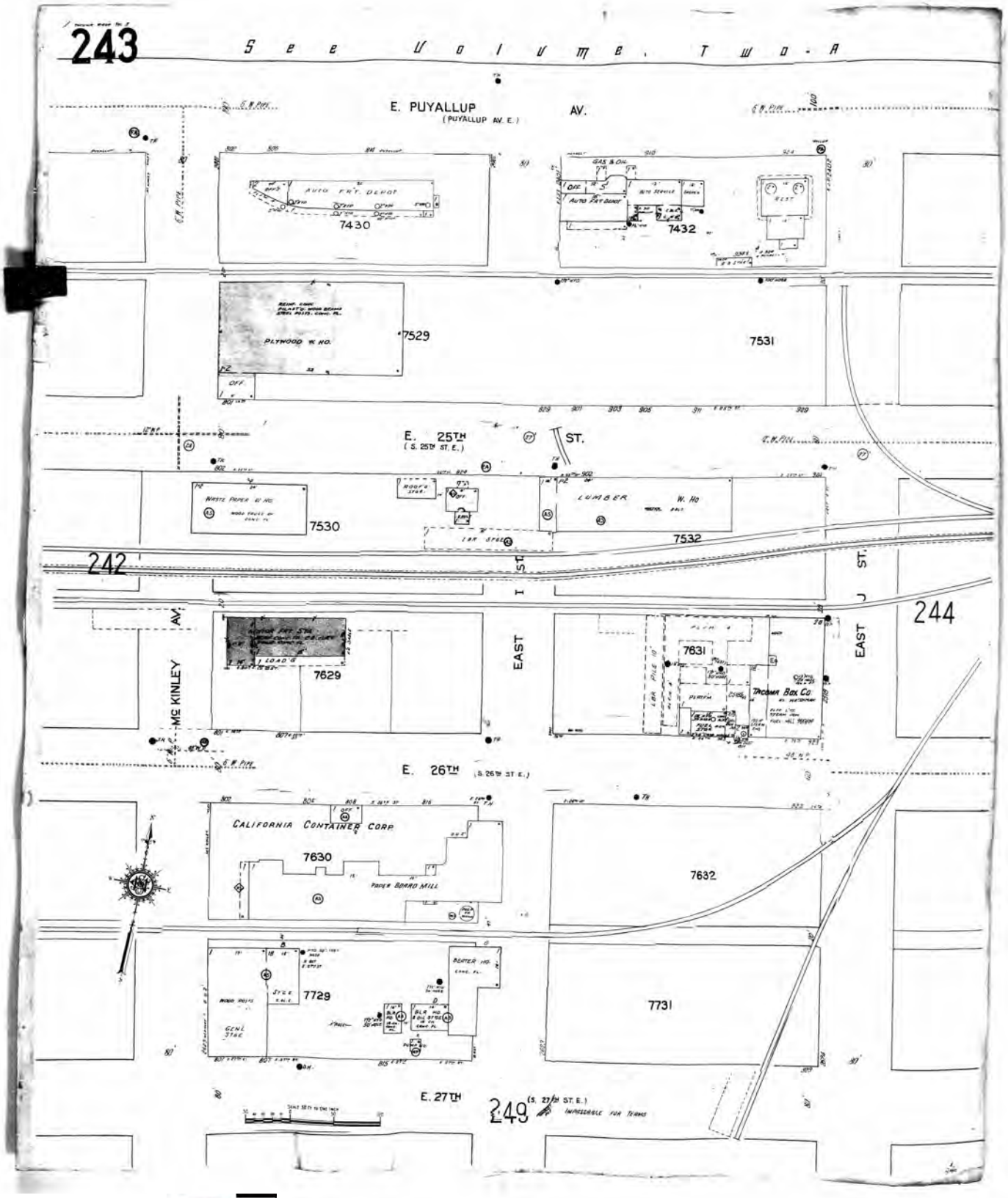

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Copyright	1963

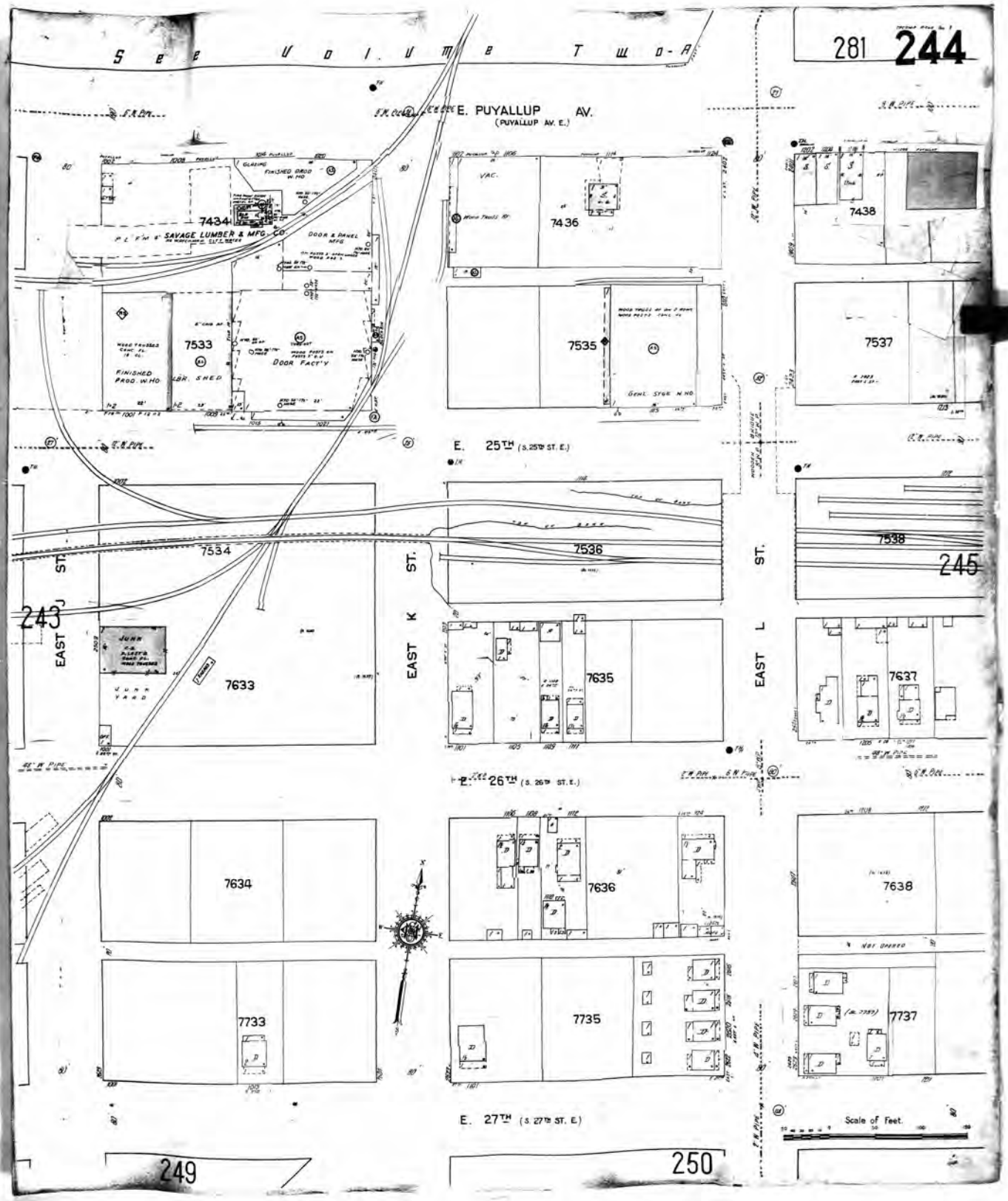

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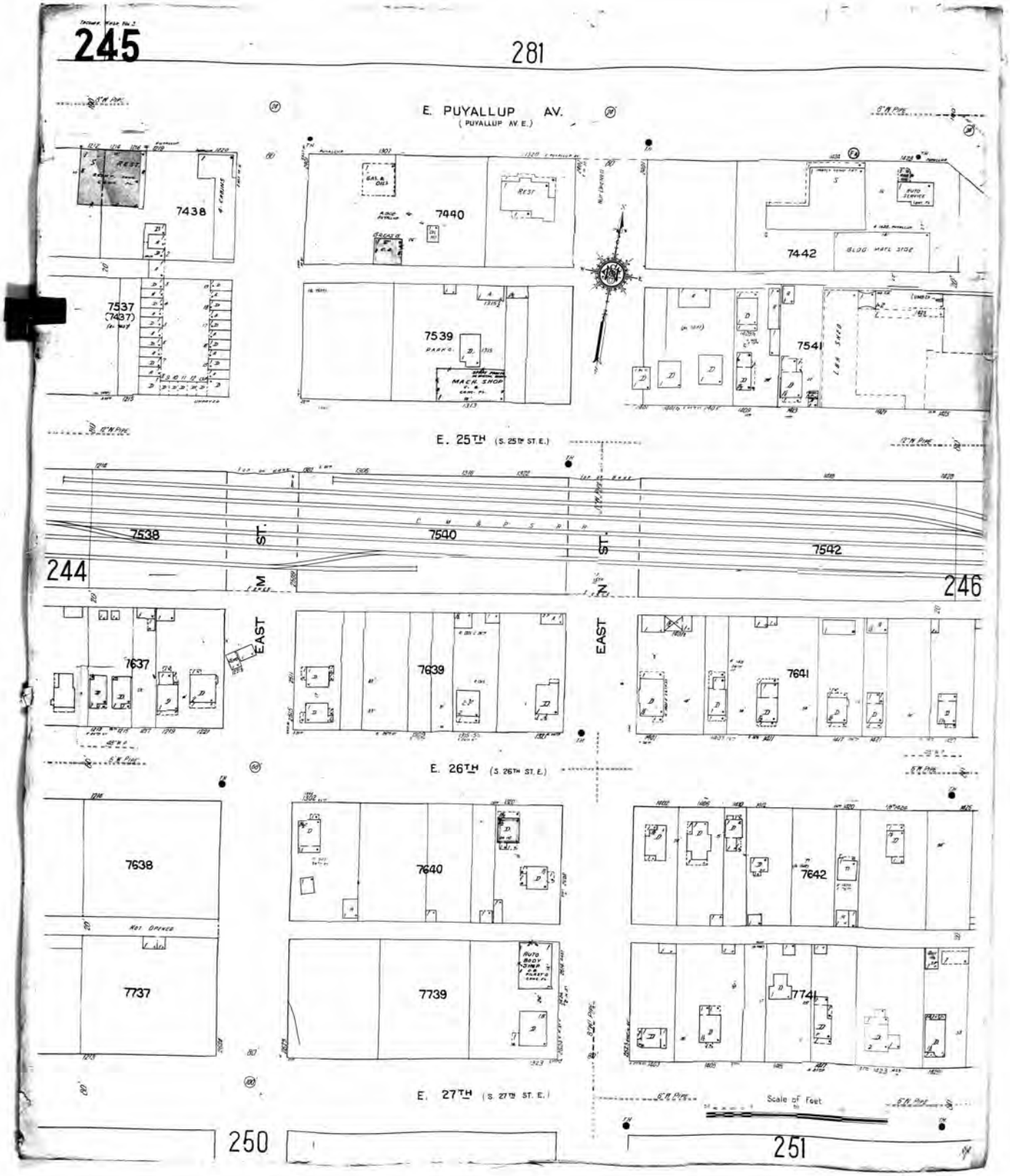

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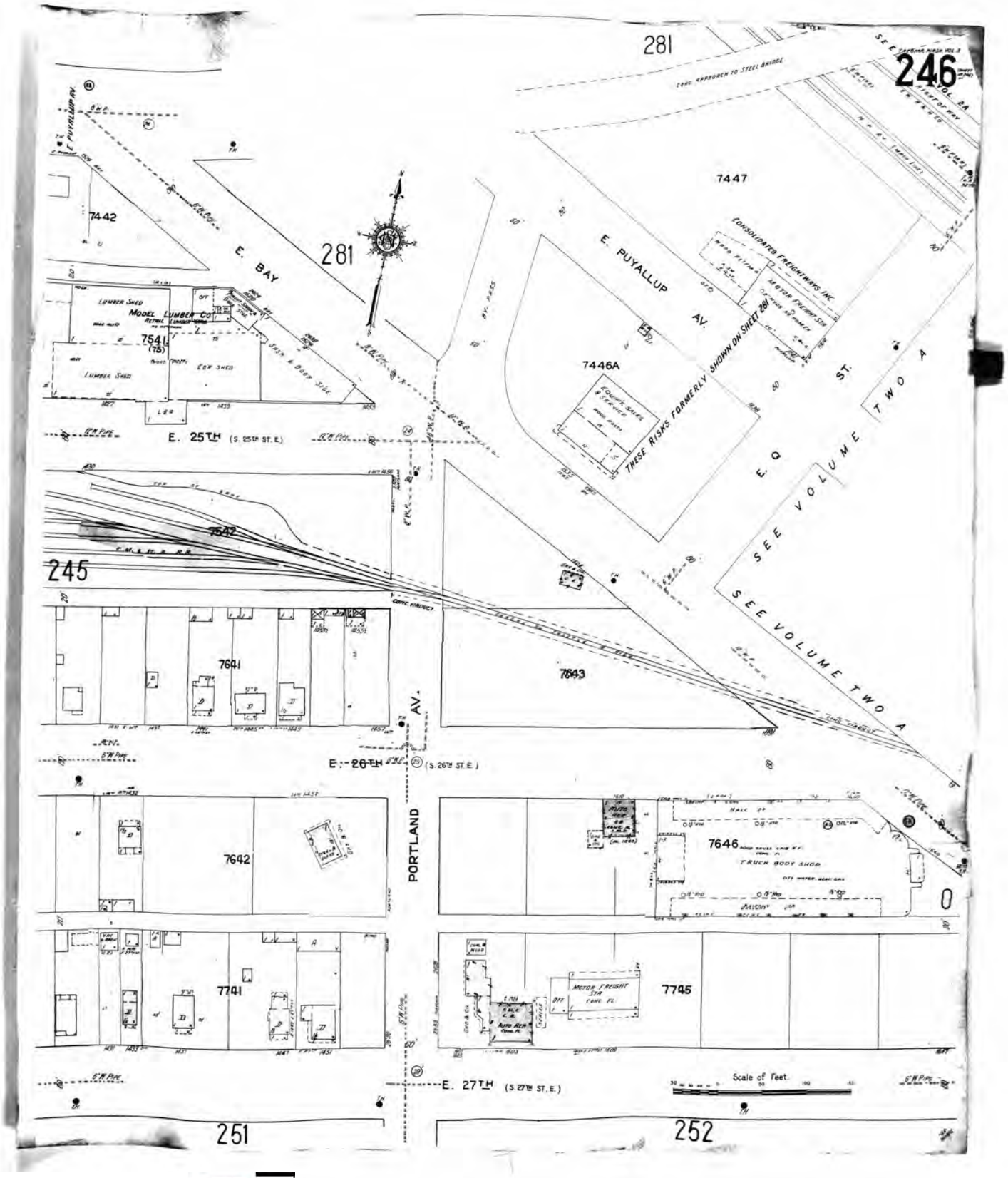

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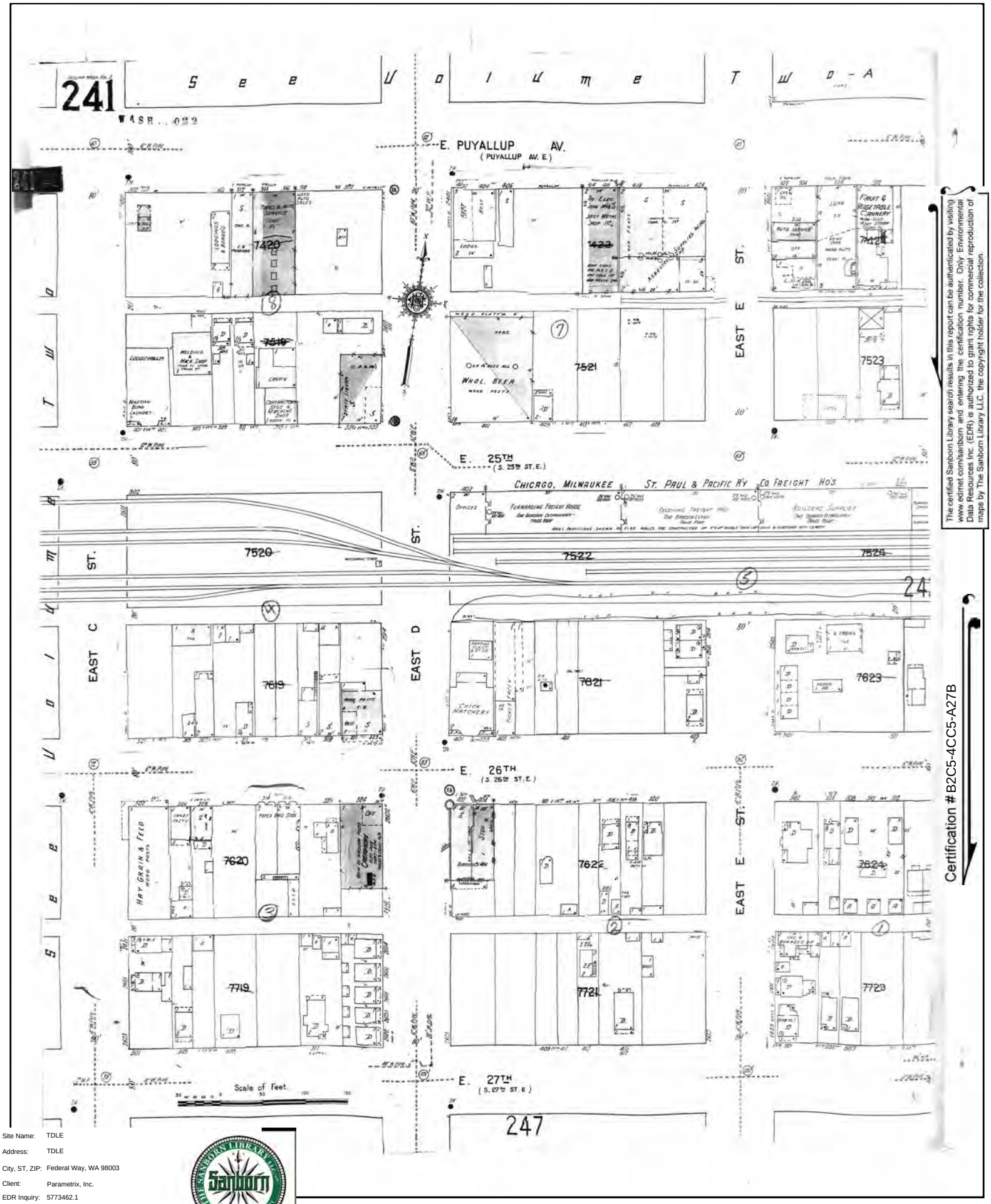

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Copyright	1950

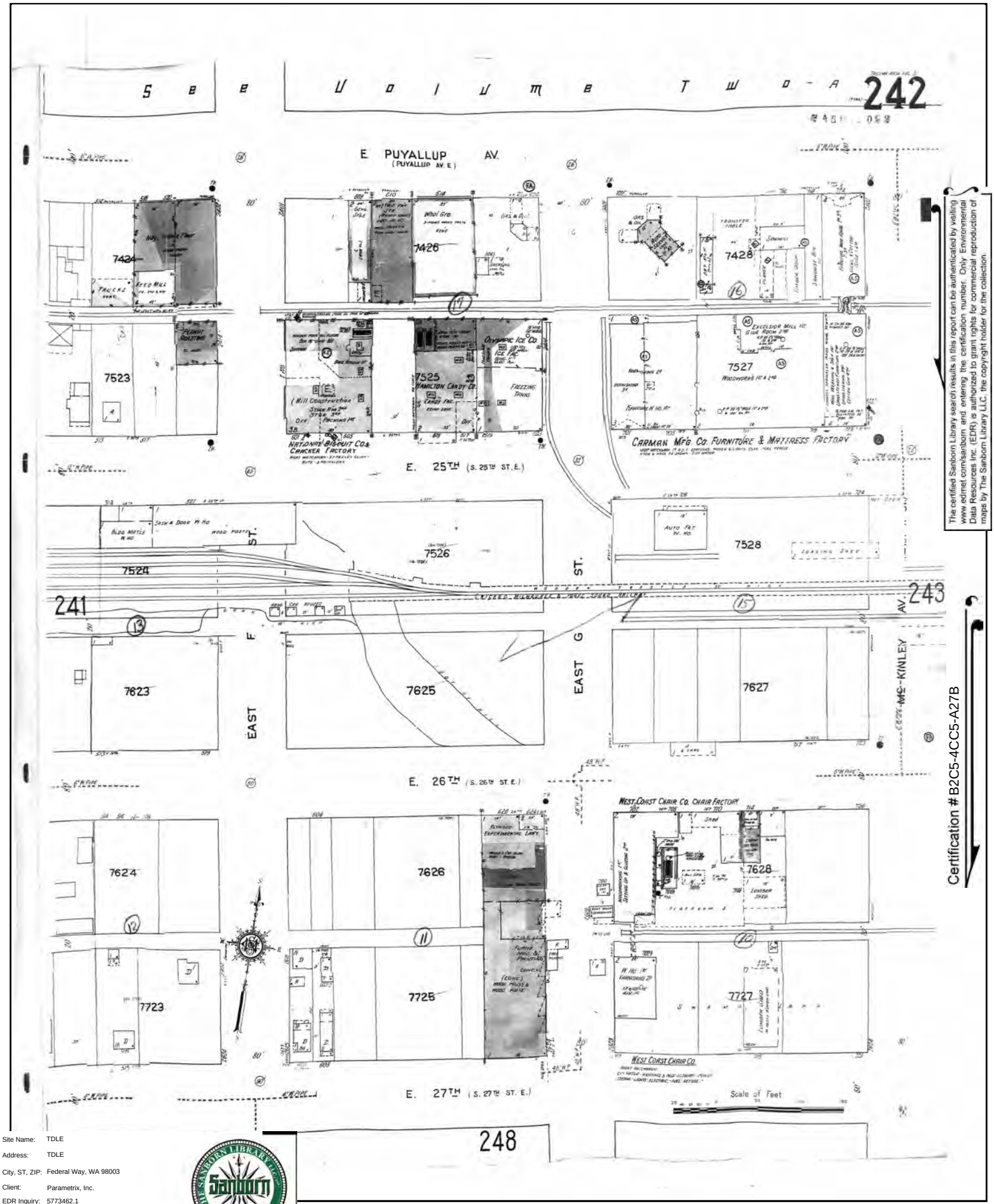

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Copyright	1950

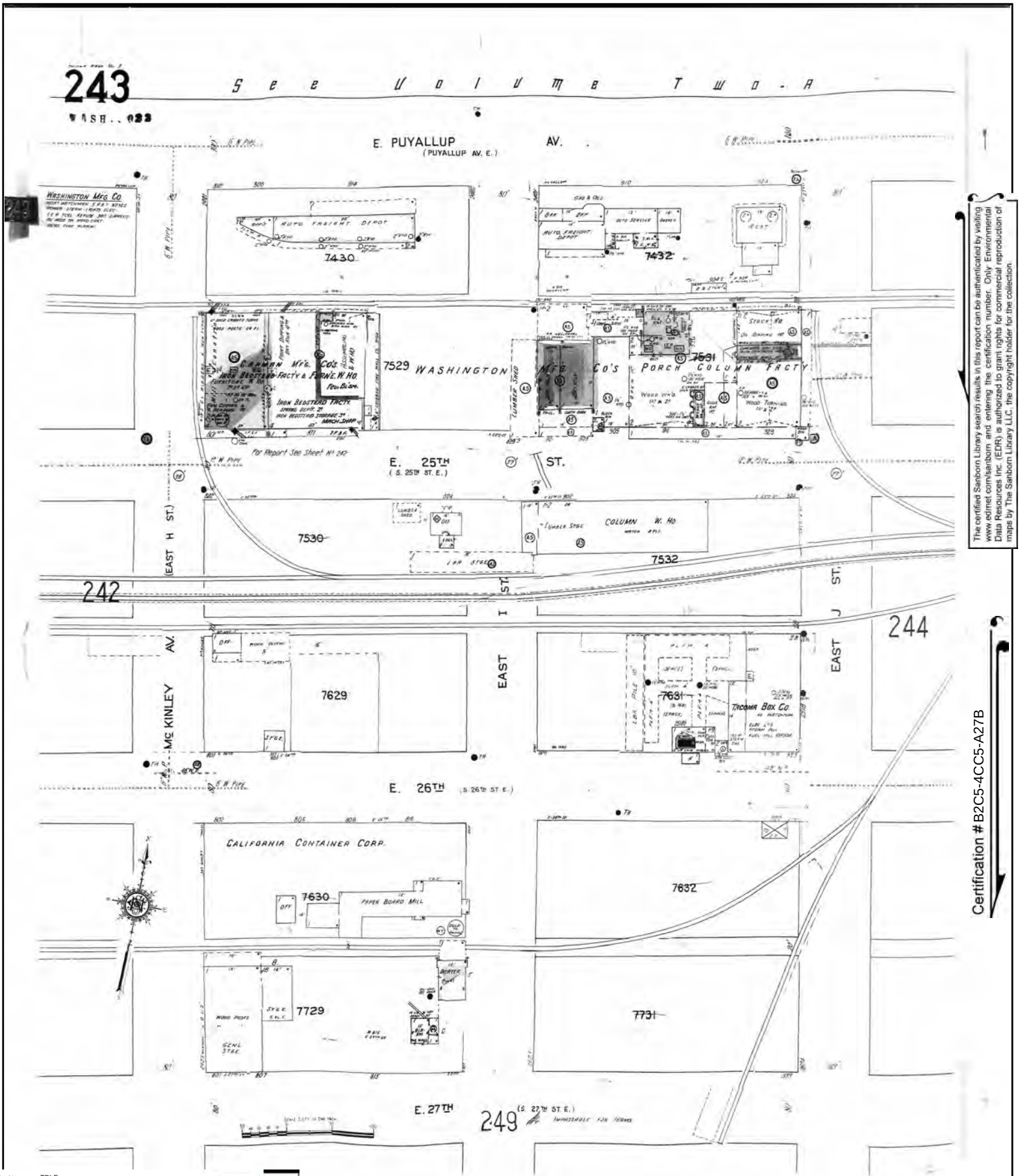

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Copyright	1950

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1950

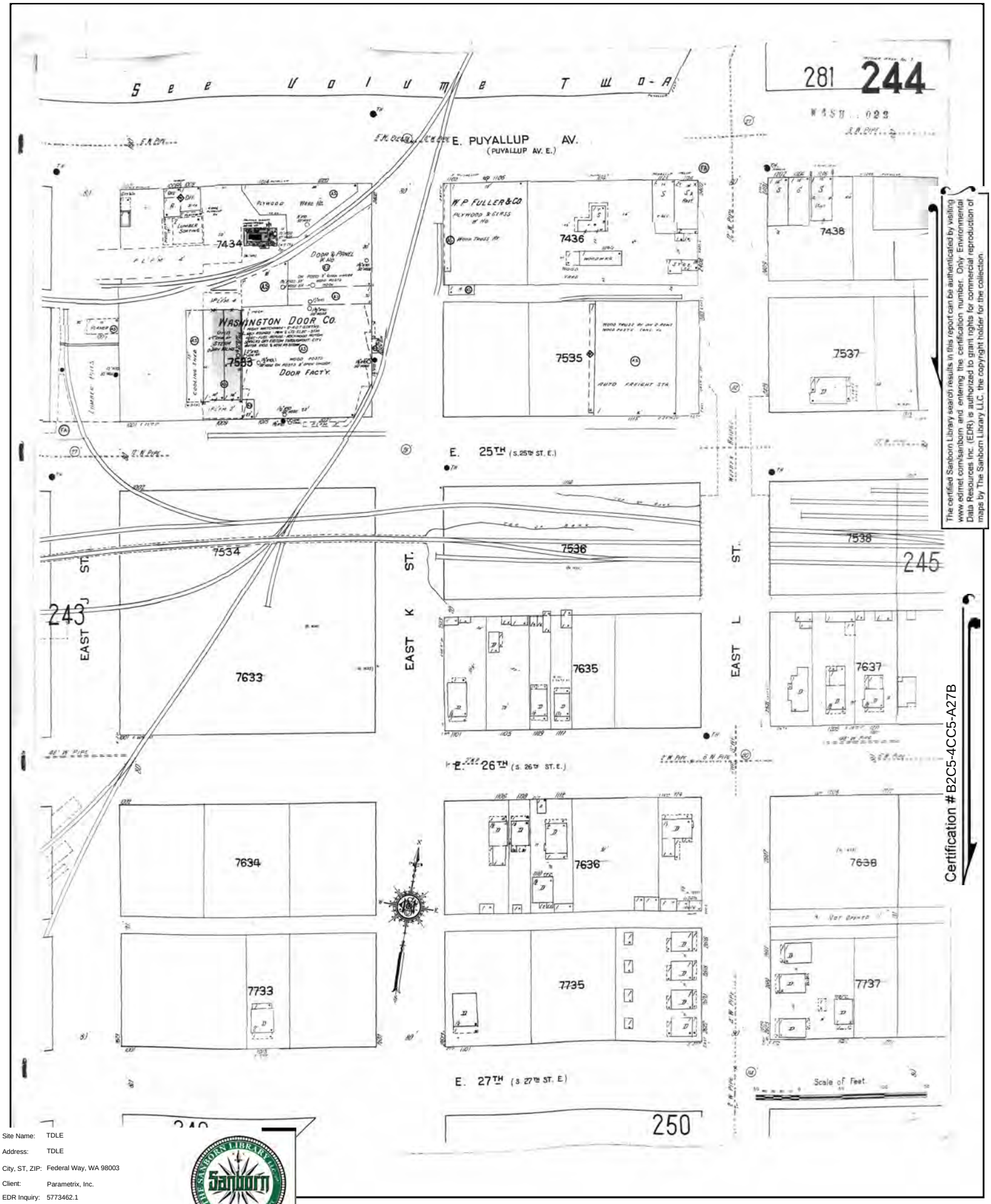

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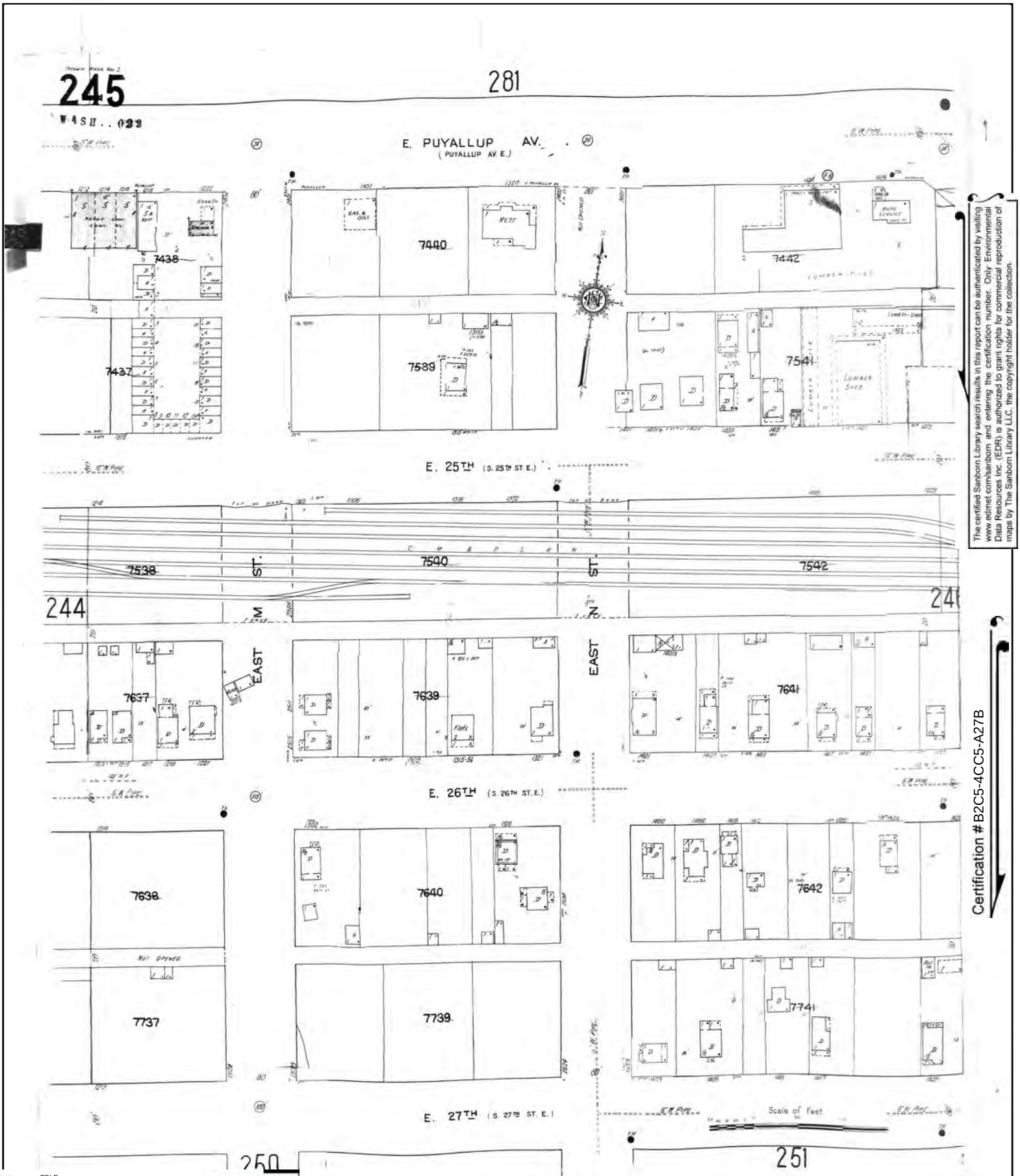

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Copyright	1950

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1950

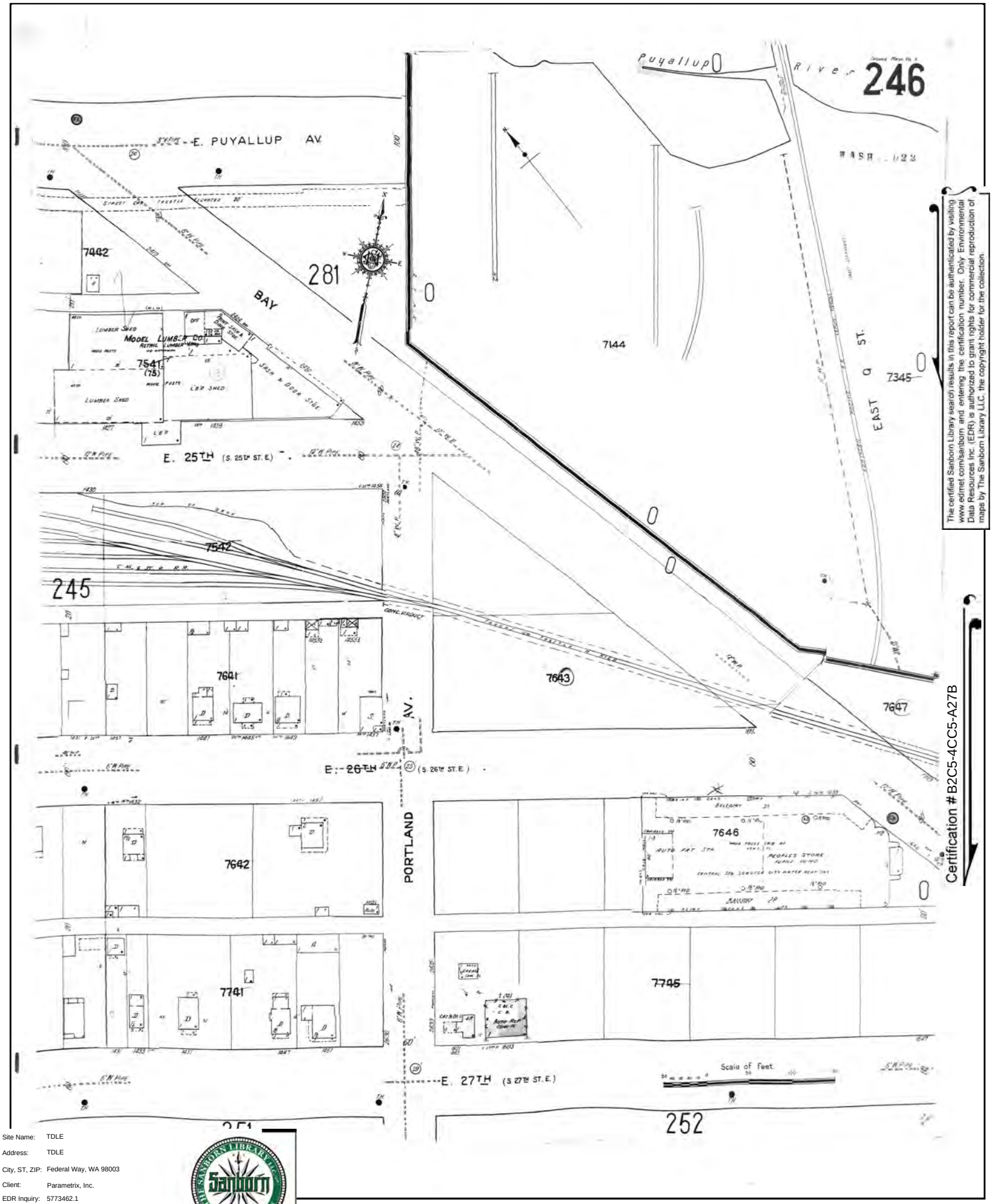

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Copyright	1950

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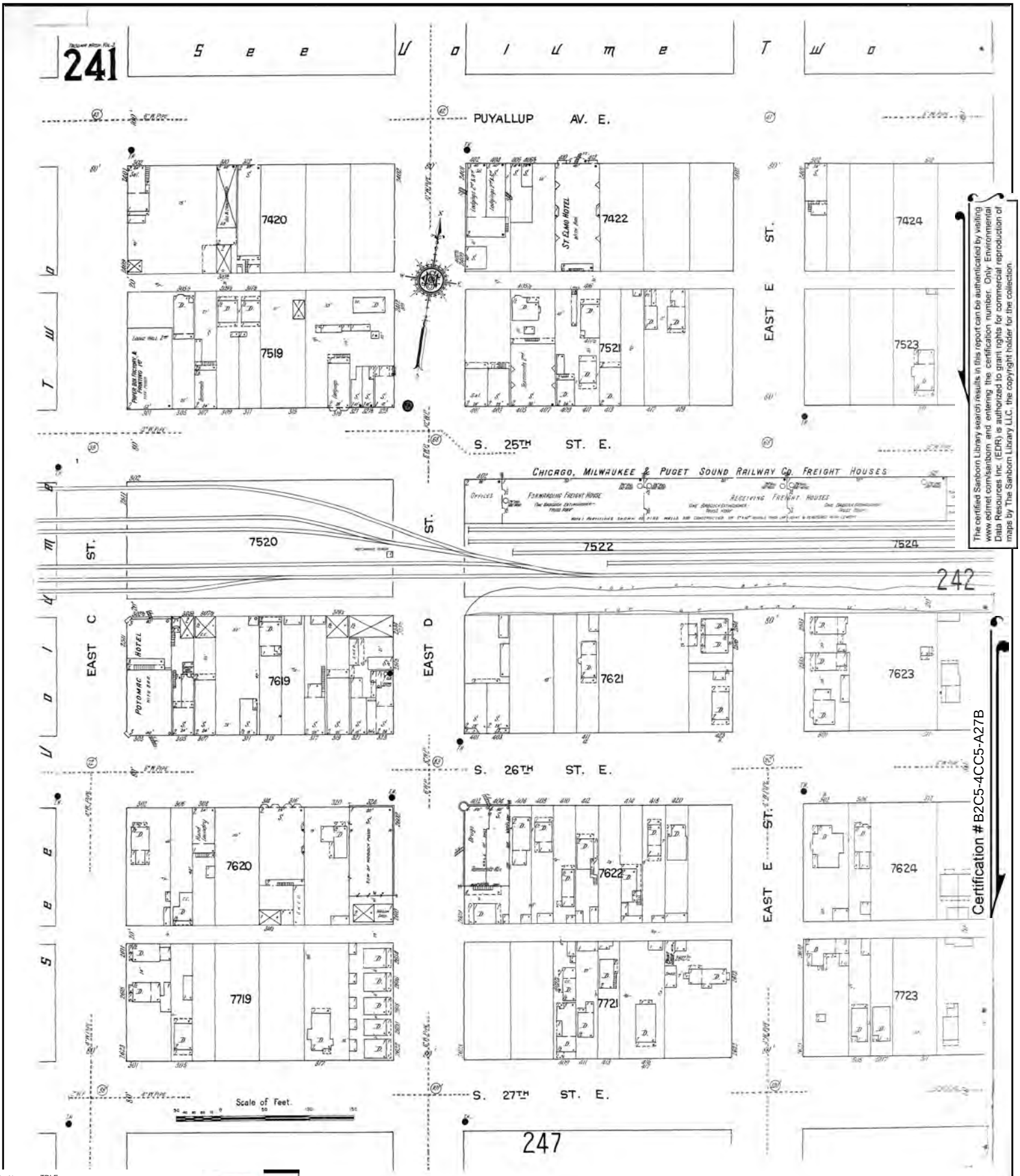

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Copyright	1912

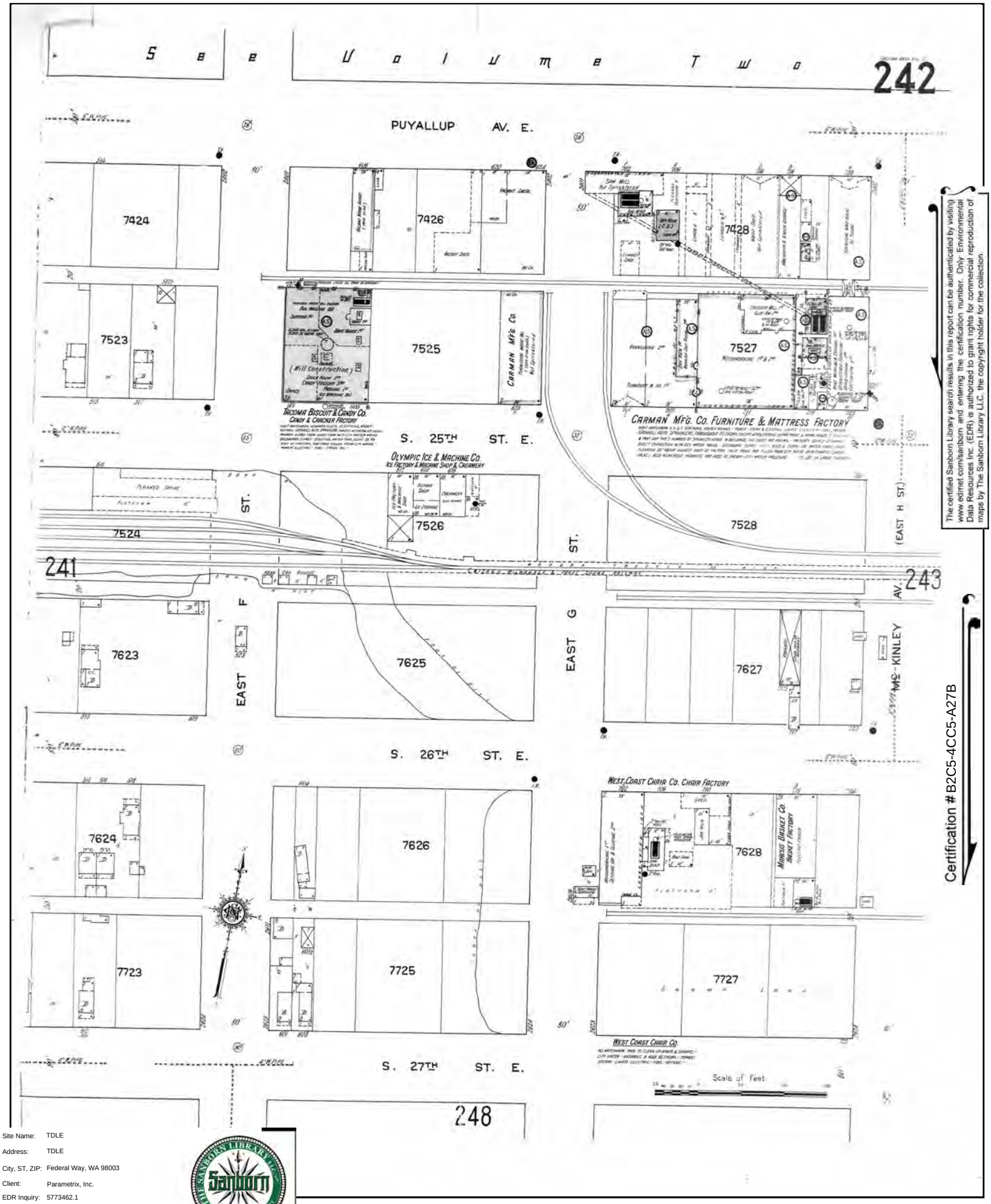

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Copyright	1912

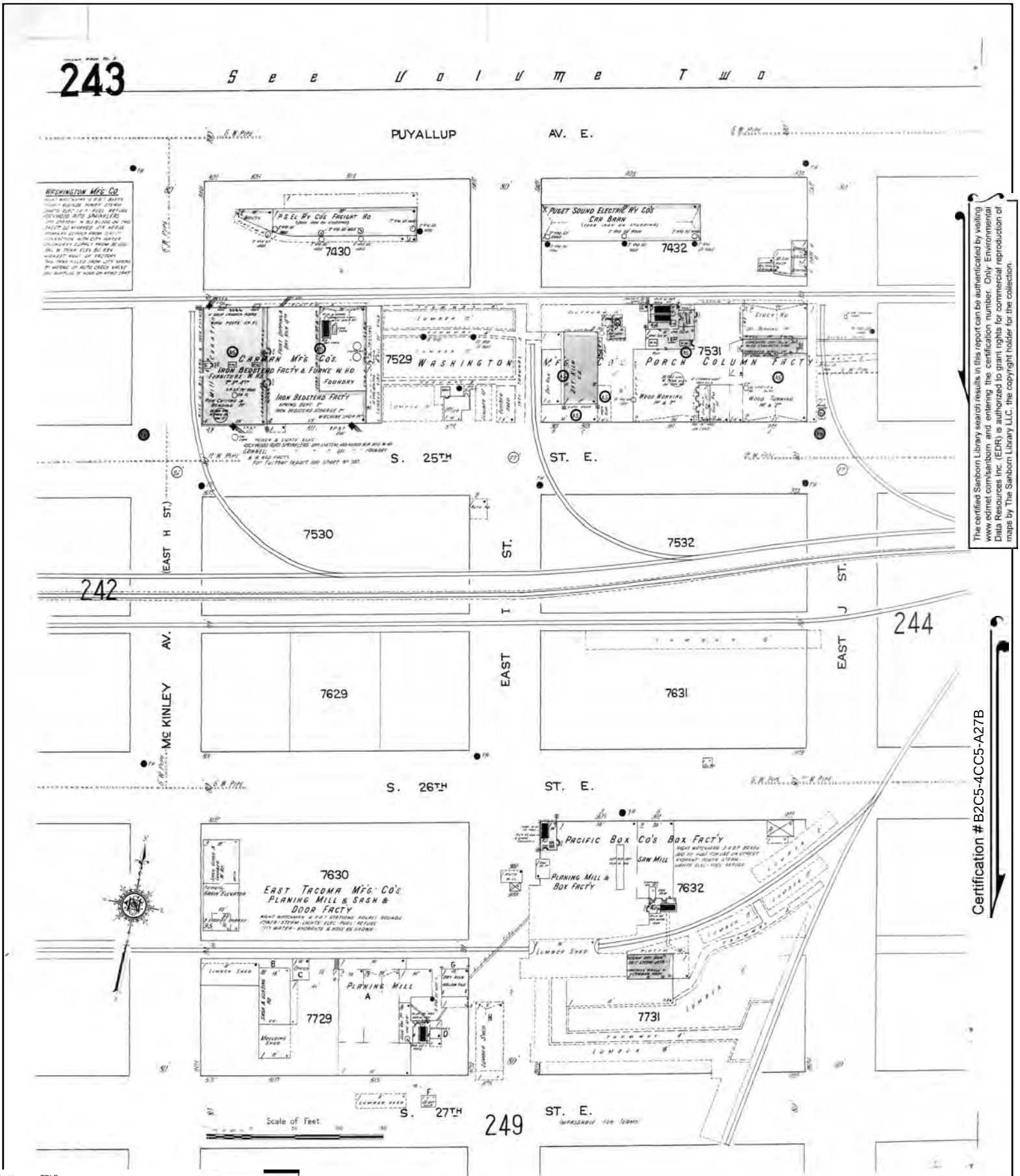

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Copyright	1912

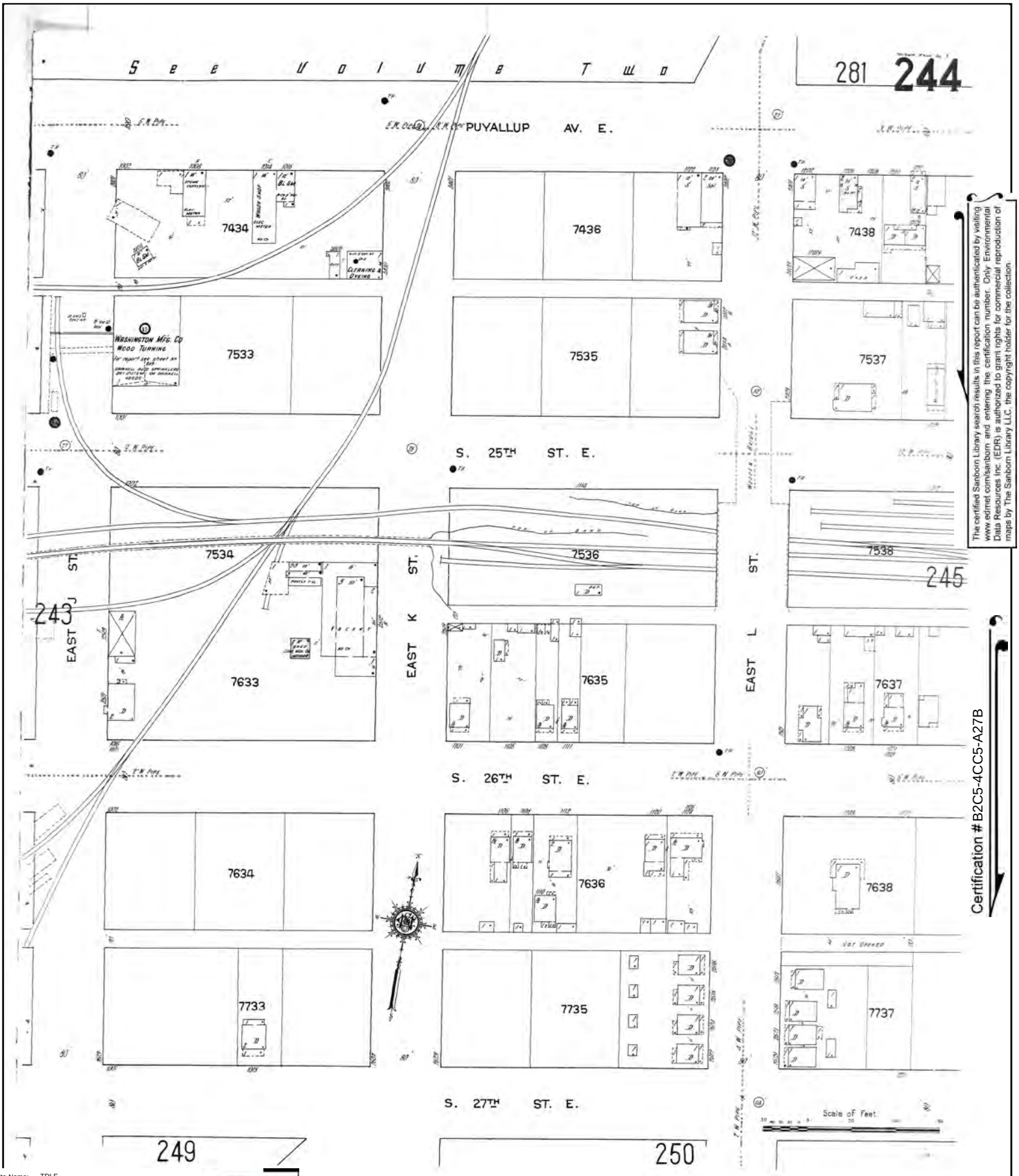

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Copyright	1912

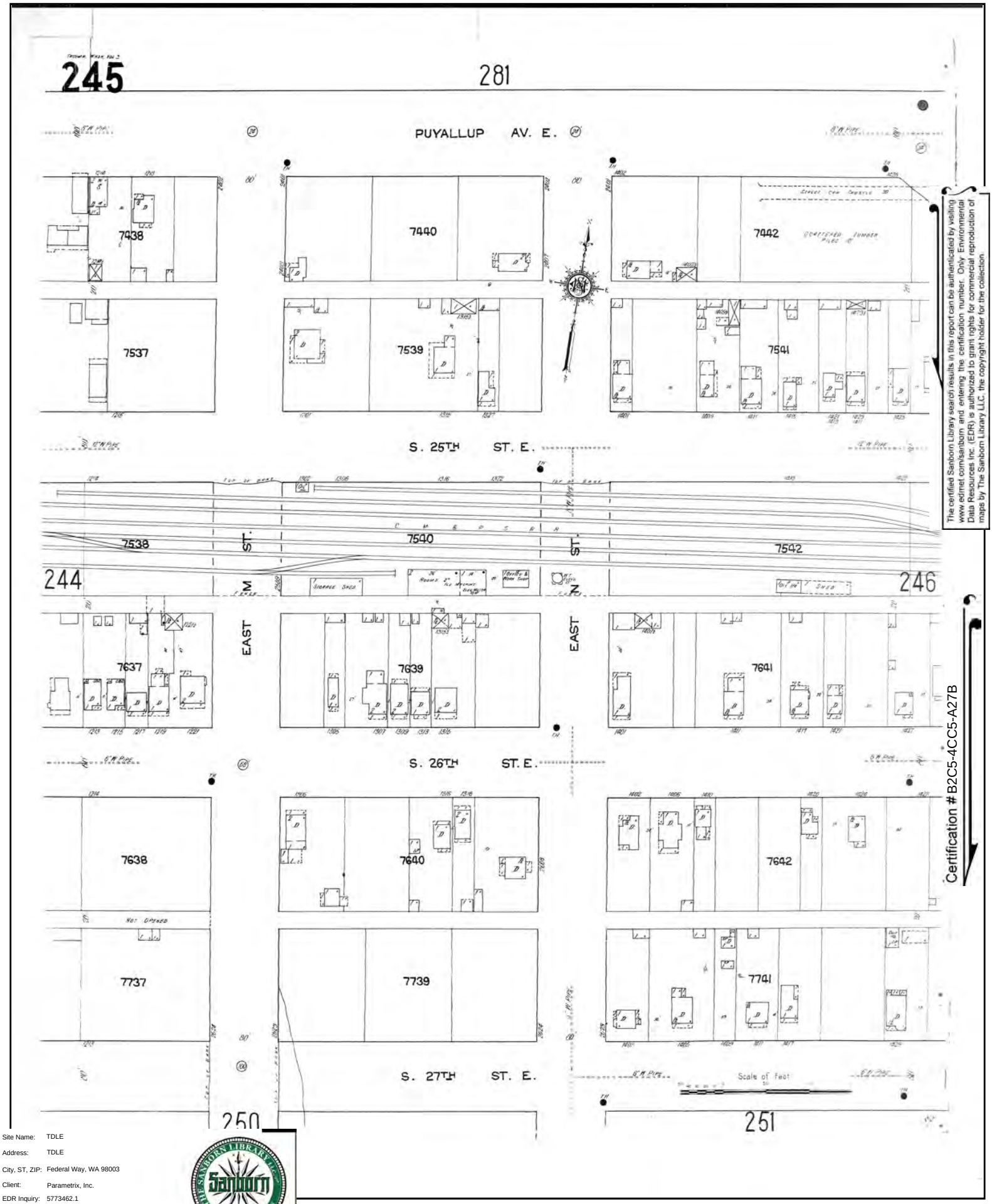

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Copyright	1912

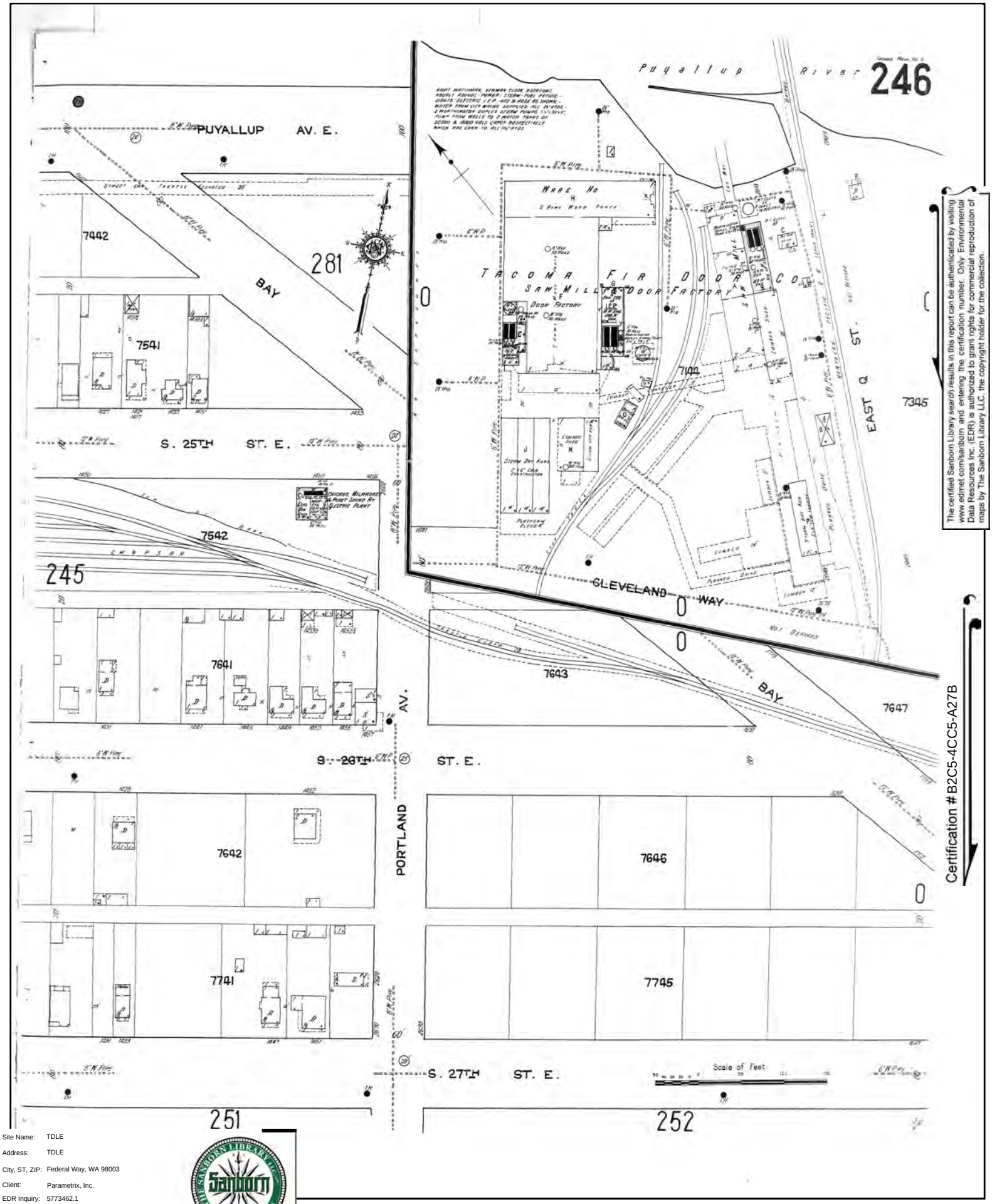

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

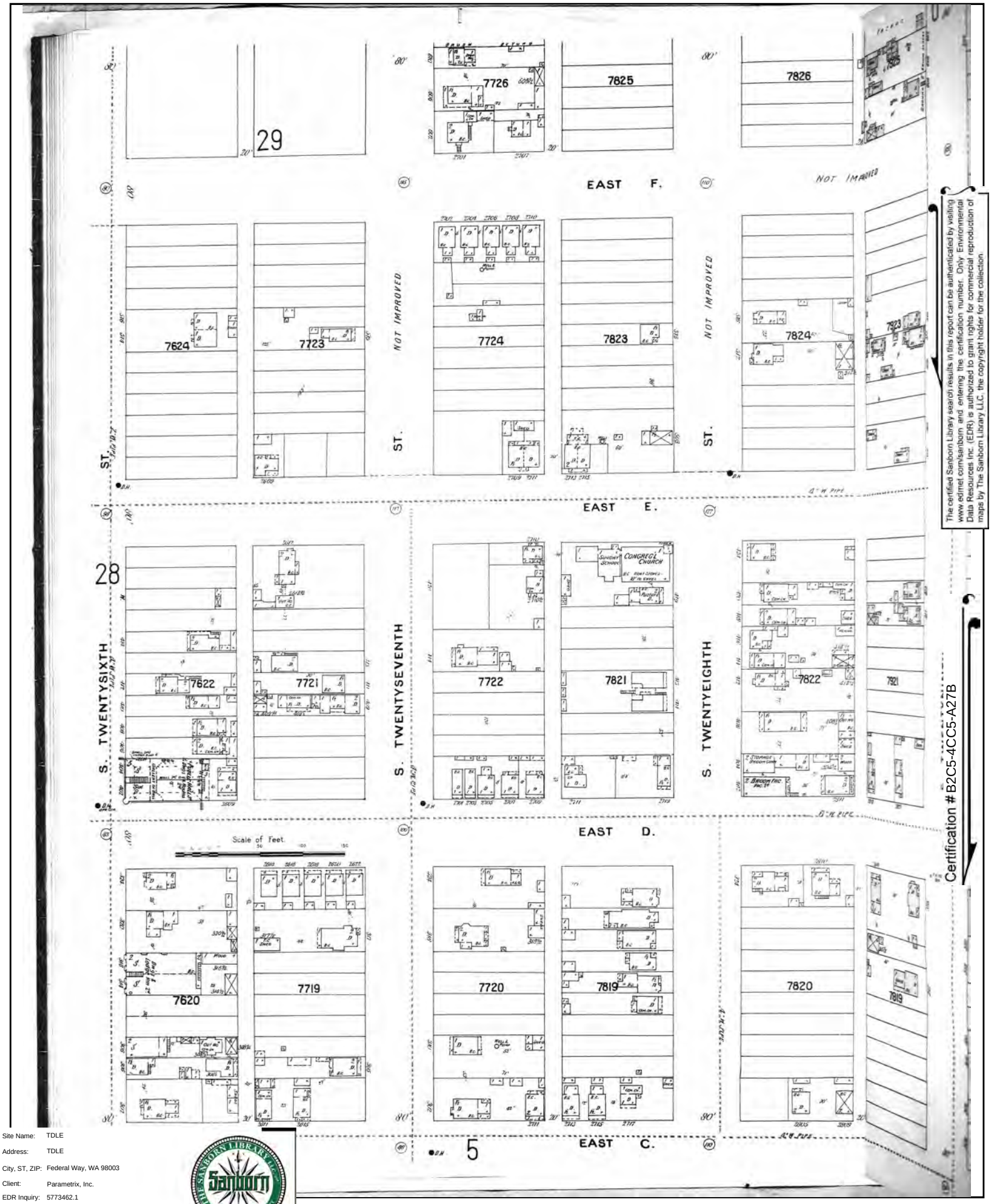

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Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

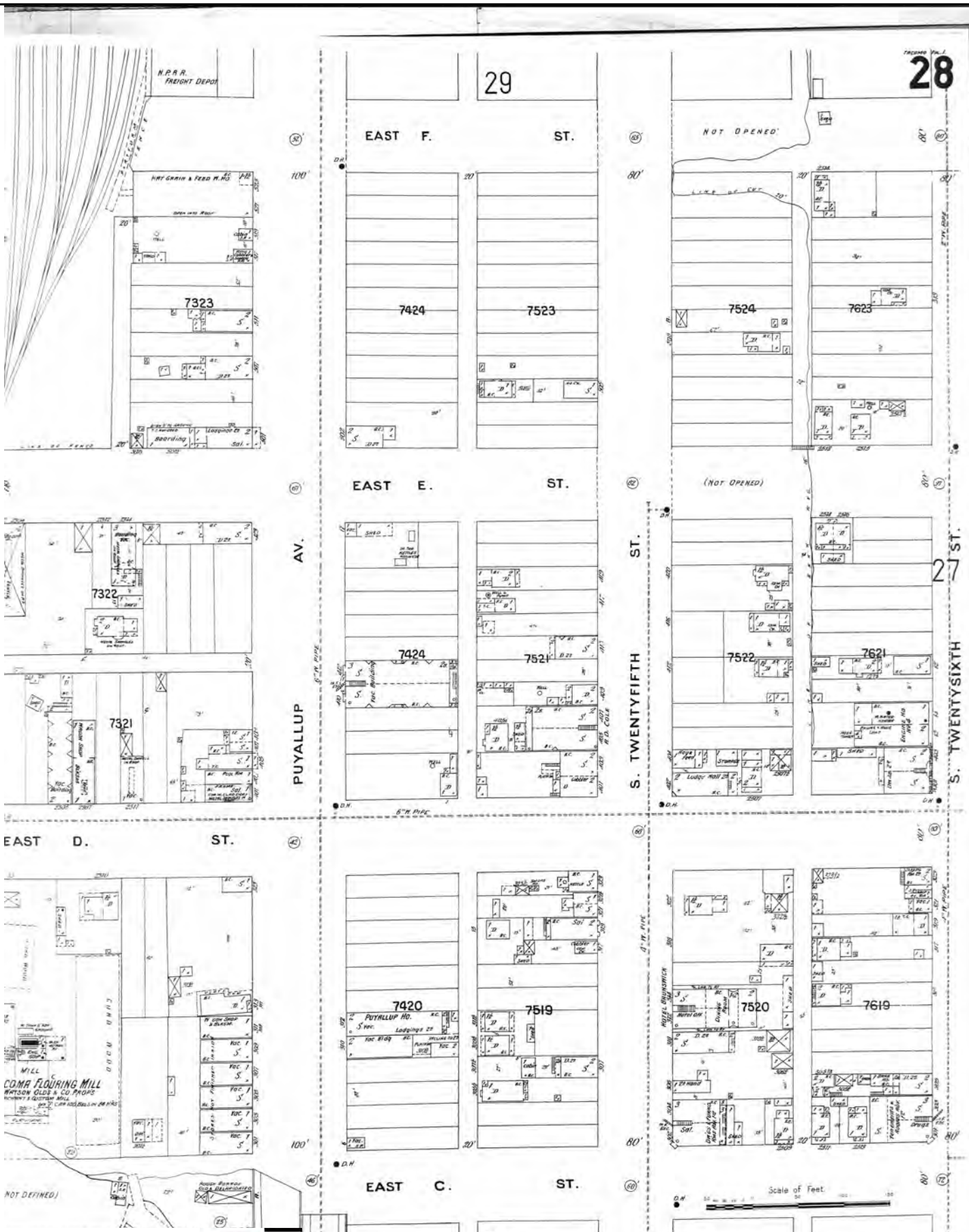

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Certification #	B2C5-4CC5-A27B
Copyright	1896

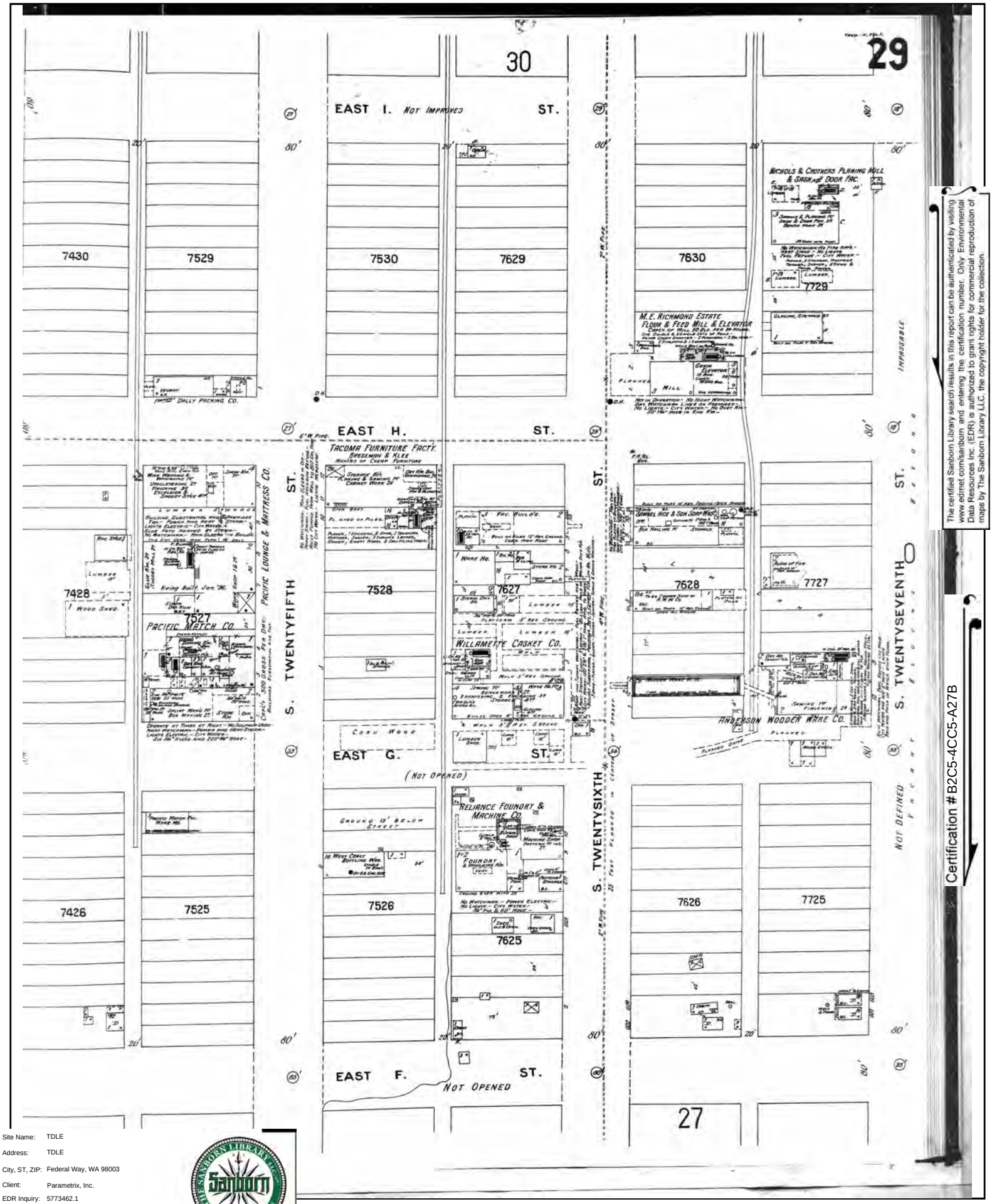

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Certification #	B2C5-4CC5-A27B
Copyright	1896

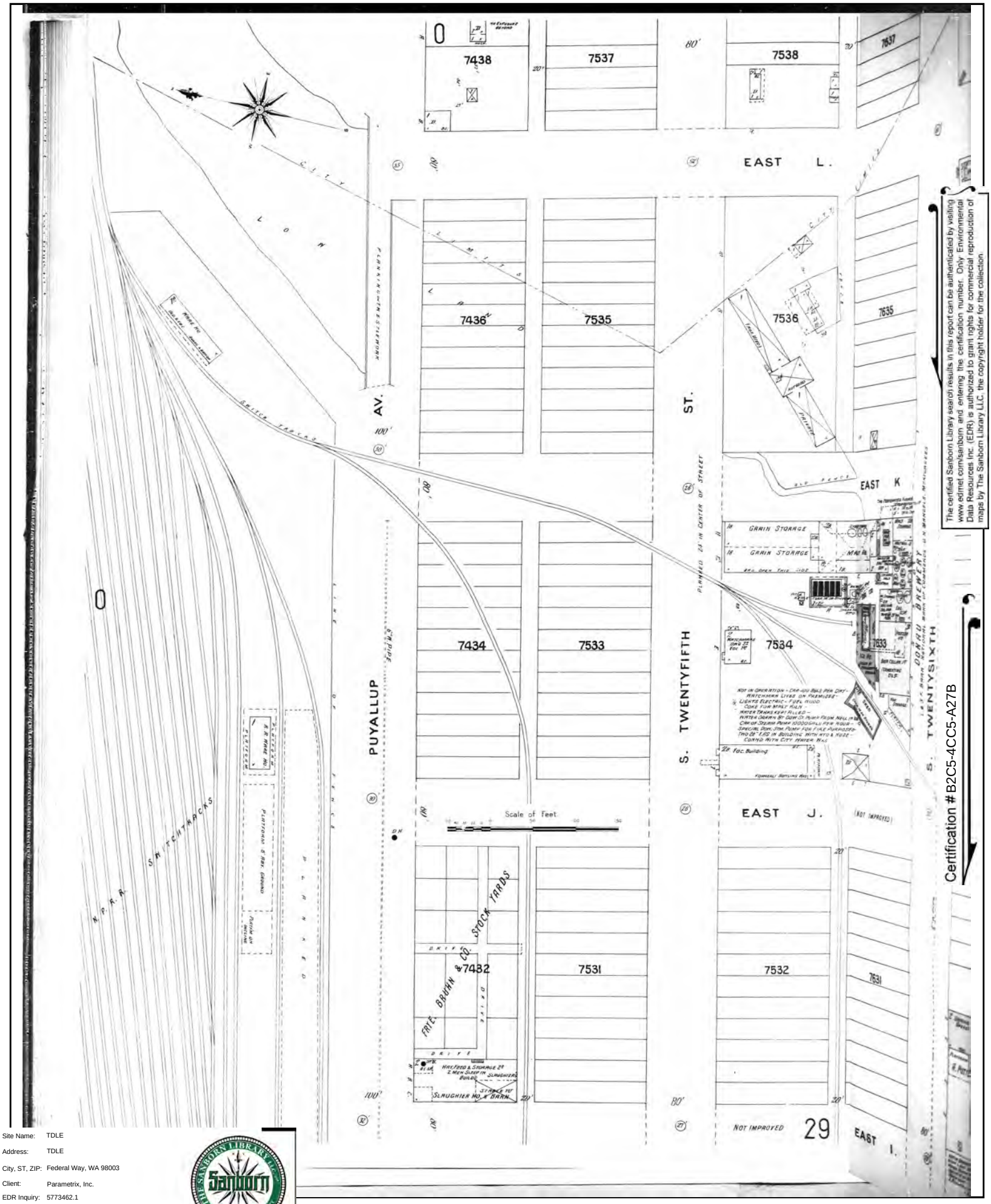

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

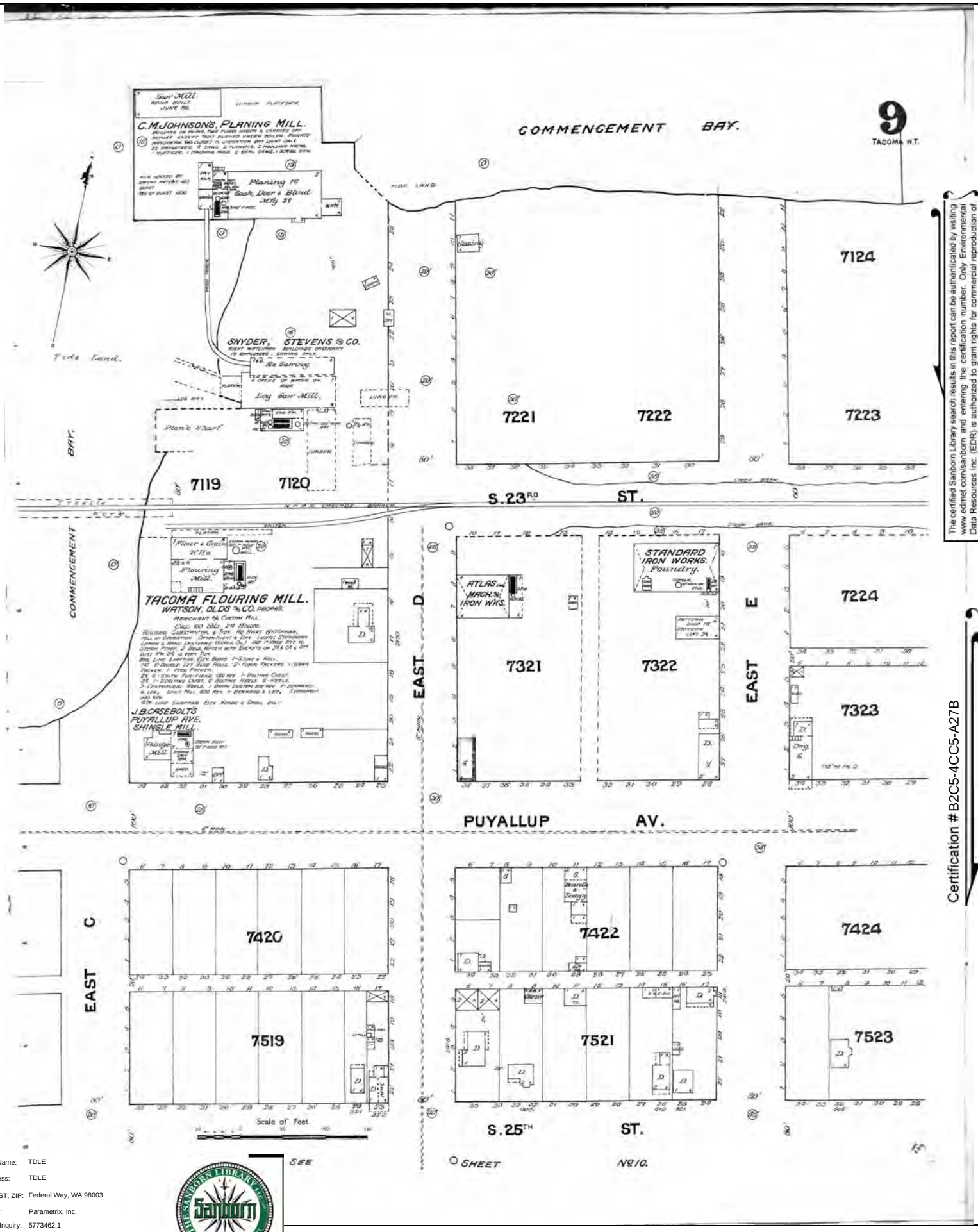

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

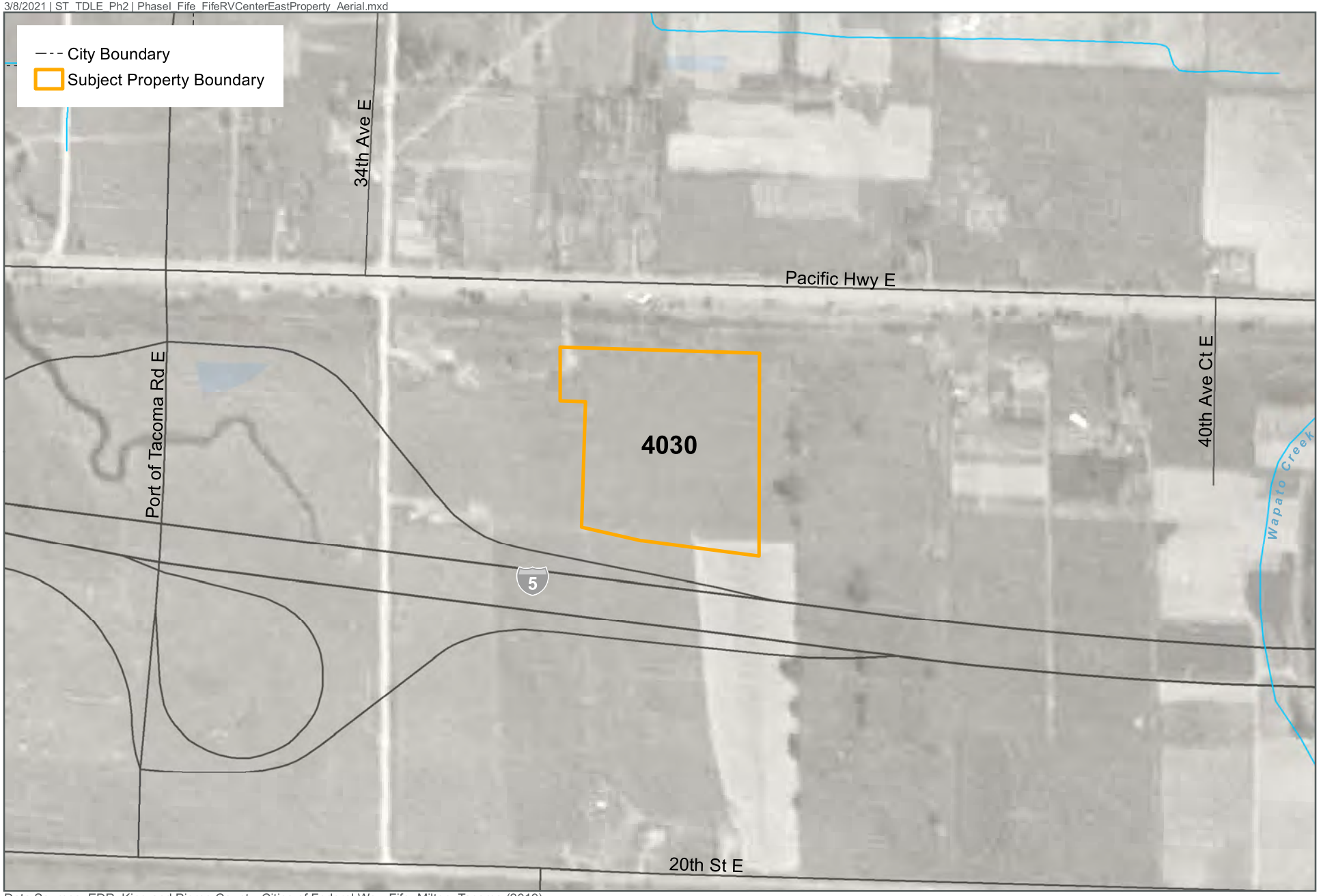

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-1
1941 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-2
1943-1944 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-3
1957 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-4
1968 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-5
1972 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-6
1980 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-7
1990 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-8
2006 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-9
2009 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-10
2013 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterEastProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-11
2017 Aerial Imagery
Fife RV Center (East Property)
3520 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Appendix E

Site Photographs

Photo 1. Subject property TD 4030 looking south.

Photo 2. Subject property TD 4030 looking south.

Photo 3. Adjacent property west, Fife RV Center

Photo 4. Adjacent property west, Fife RV Center.

Photo 5. Adjacent property north, looking southeast, Travelodge Motel

Photo 6. Adjacent property east, looking southwest

Appendix F

Supporting Documents

Pierce County Assessor-Treasurer
Property Summary

3520 PACIFIC HWY E

KS FAMILY LLC
0320111049

Tax Description

Section 11 Township 20 Range 03 Quarter 11 : BEG AT A PT 500 FT E OF NW COR OF NE OF NE TH CONT E ALG N LI SD SUBD 500 FT TO A PT 334.94 FT W OF NE COR OF NE OF NE TH S 510 FT TO NLY LI OF TR APPROPRIATED BY ST OF WA IN SUP CT CASE #142871 TH NLY & WLY ALG SD NLY LI SD TR TO A PT 443.96 FT S OF POB TH N 443.96 FT TO POB LESS FOLL DESC PROP COM NW COR OF NE OF NE TH S 88 DEG 02 MIN 46 SEC E ALG N LI SD SUBD 332.10 FT TH S 00 DEG 55 MIN 45 SEC W PAR TO E LI OF 15 AC SD SUBD 137.55 FT TH S 88 DEG 02 MIN 46 SEC E PAR TO N LI SD SUBD 163 FT TO ELY LI OF W 15 AC SD SUBD & TRUE POB TH CONT S 88 DEG 02 MIN 46 SEC E DIST OF 65 FT TH S 03 DEG 39 MIN 20 SEC W DIST OF 329.63 FT TO NLY LI OF PROP CYD TO ST OF WA FOR PSH #1 AFN 1896305 TH WLY & NLY ALG SD N LI OF PROP CYD TO ST OF WA N 76 DEG 51 MIN 45 SEC W 57.48 FT TO A PT ON ELY LI OF W 15 AC SD NE OF NE TH N 00 DEG 55 MIN 45 SEC E ALG SD ELY LI OF W 15 AC 306.46 FT M/L TO POB SEG APPROVED BY CY OF FIFE AUG 21, 1987 OUT OF 1-042 SEG Y-0374 SG ES

Property Details

Parcel Number	0320111049
Site Address	3520 PACIFIC HWY E
Account Type	Real Property
Category	Land and Improvements
Use Code	5510-RV SALES RETAIL

Taxpayer Details

Taxpayer Name	KS FAMILY LLC
Mailing Address	PO BOX 1255 MILTON, WA 98354-1255

Appraisal Details

Neighborhood	804 / 820
Value Area	PI4
Appr Acct Type	Commercial
Business Name	FIFE RV
Last Inspection	03/06/2017-Physical Inspection
Appraisal Area	8

Related Parcels

Group Account Number	n/a
Located On	n/a
Associated Parcels	1200140892 2899010906

Assessed Value

Value Year	2020	**Assessed Total**	4,338,300
Tax Year	2021	**Assessed Land**	4,119,500
		Assessed Improvements	218,800
Taxable Value	4,338,300		
Tax Code Area	066	**Current Use Land**	0
Tax Code Area Rate	0	**Personal Property**	0
Notice of Value Mailing Date	06/25/2020		

Assessment Details

2020 Values for 2021 Tax

Taxable Value $4,338,300
Assessed Value $4,338,300

Tax Amounts Due

Tax Year	Minimum Due	Total Due
TOTAL	**0.00**	**0.00**

Property Tax Exemptions

No exemptions

Land Details

Land Economic Area	2084
RTSQQ	03-20-11-11
Value Area	PI4
Neighborhood	804 / 820
Square Footage	228,342
Acres	5.242
Front Foot	0
Electric	Power Installed
Sewer	Sewer/Septic Installed
Water	Water Installed

Building 1 Details

General Characteristics

Property Type	Commercial
Condition	Average
Quality	Average
Neighborhood	804
Occupancy	New Auto Dealer
Square Feet	13,072
Net Square Feet	13,072
Attached Garage Square Feet	0
Detached Garage Square Feet	0
Carport Square Feet	0
Finished Attic Square Feet	0
Total Basement Square Feet	0
Finished Basement Square Feet	0
Basement Garage Door	0
Fireplaces	0

Built-As

DESCRIPTION	Office Building
YEAR BUILT	1963
ADJUSTED YEAR BUILT	1985
SQUARE FEET	8,392
STORIES	1
BEDROOMS	0
BATHROOMS	0
EXTERIOR	n/a
CLASS	Wood Frame
ROOF	n/a
HVAC	Package Unit
UNITS	0
SPRINKLER SQUARE FEET	0

DESCRIPTION	Storage Garage
YEAR BUILT	1963
ADJUSTED YEAR BUILT	1985
SQUARE FEET	4,680
STORIES	1
BEDROOMS	0
BATHROOMS	0
EXTERIOR	n/a
CLASS	Wood Frame
ROOF	n/a
HVAC	Space Heater
UNITS	0
SPRINKLER SQUARE FEET	0

Improvement Details

Type	Description	Units
Add On	Asphalt (AV)	93,100
Add On	Canopies DrThru Marquee Steel FR (LC)	1,260
Add On	Canopies DrThru Marquee WD FR (LC)	1,200

Sales History

SALE DATE	08/25/2016
ETN	4410829
PARCEL COUNT	1
GRANTOR	KS FAMILY LLC
GRANTEE	CITY OF FIFE
SALE PRICE	11,800
DEED TYPE	Easement
SALES NOTES	Easement or R/W

SALE DATE	01/26/2005
ETN	4071616
PARCEL COUNT	1
GRANTOR	STAR LODGING OF THE NORTHWEST
GRANTEE	KS FAMILY LLC
SALE PRICE	3,000,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	09/01/1998
ETN	0978654
PARCEL COUNT	1
GRANTOR	LEE KYUNG W & GIL JA
GRANTEE	STAR LODGING OF THE NORTHWEST LLC
SALE PRICE	2,600,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

Map

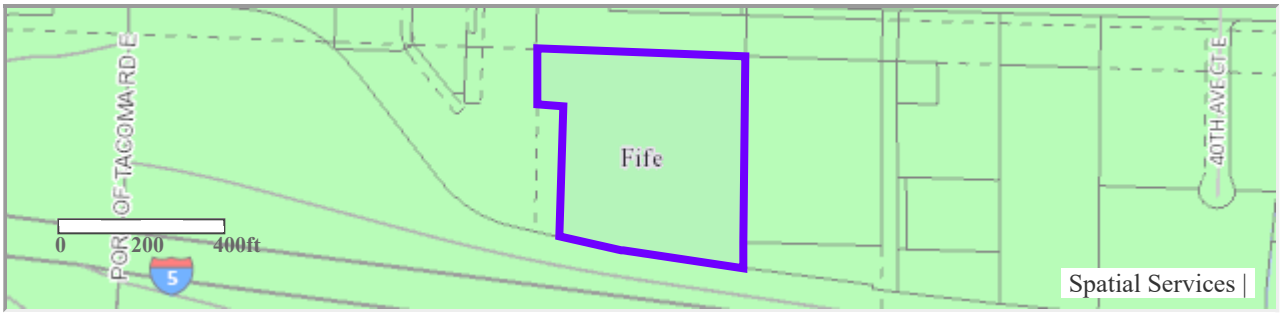

Photos

Sorry, no photo available for display

Sketches

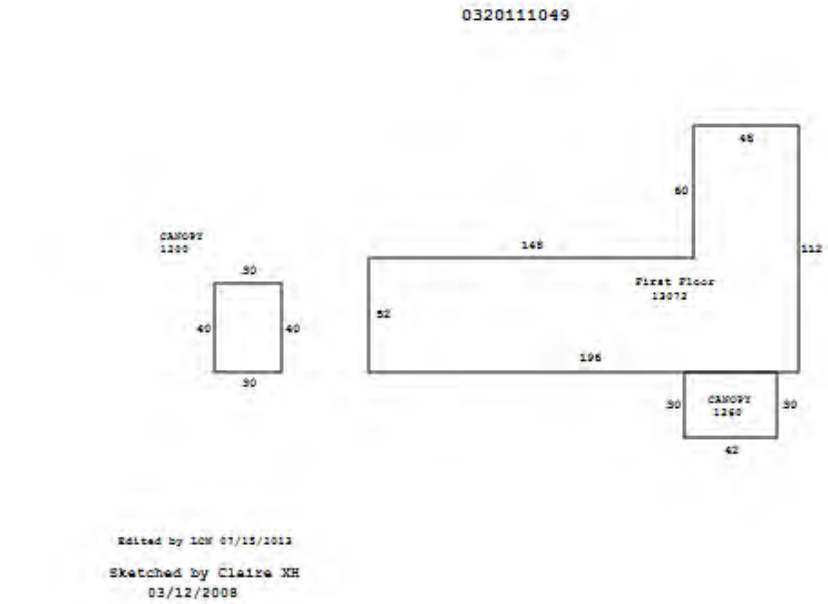

Sketch by Apex Medina™

2013_IMP_1_7-16-2013_Page 1 - Apex 0320111049 Imp No - 1.JPG

0320111049 3520 PACIFIC HWY E

Print

Address:
3520 PACIFIC HWY E
FIFE, WA 98424

Status: Active
Zone:
Sec/Twn/Rng: 112003
Quarter: 11
Neighborhood:
Subdivision:

Owner:
KS FAMILY LLC
PO BOX 1255
MILTON, WA 98354-1255

Applications:
Pending: 0
Issued: 0
Closed: 53

Legal Description:
Section 11 Township 20 Range 03 Quarter 11 :BEG AT A PT 500 FT E OF NW COR OFNE OF NE TH CONT E ALG N LI SDSUBD 500 FT TO A PT 334.94 FT W OFNE COR OF NE OF NE TH S 510 FT TONLY LI OF TR APPROPRIATED BY ST OFWA IN SUP CT CASE #142871 TH NLY &WLY ALG SD NLY LI SD TR TO A PT443.96 FT S OF POB TH N 443.96 FTTO POB LESS FOLL DESC PROP COM NWCOR OF NE OF NE TH S 88 DEG 02 MIN46 SEC E ALG N LI SD SUBD332.10 FT TH S 00 DEG 55 MIN45 SEC W PAR TO E LI OF 15 AC SDSUBD 137.55 FT TH S 88 DEG 02 MIN46 SEC E PAR TO N LI SD SUBD163 FT TO ELY LI OF W 15 AC SDSUBD & TRUE POB TH CONT S 88 DEG02 MIN 46 SEC E DIST OF 65 FT THS 03 DEG 39 MIN 20 SEC W DIST OF329.63 FT TO NLY LI OF PROP CYD TOST OF WA FOR PSH #1 AFN 1896305TH WLY & NLY ALG SD N LI OF PROPCYD TO ST OF WA N 76 DEG 51 MIN45 SEC W 57.48 FT TO A PT ON ELYLI OF W 15 AC SD NE OF NE THN 00 DEG 55 MIN 45 SEC E ALG SDELY LI OF W 15 AC 306.46 FT M/L TOPOB SEG APPROVED BY CY OF FIFEAUG 21, 1987OUT OF 1-042 SEG Y-0374 SG ES

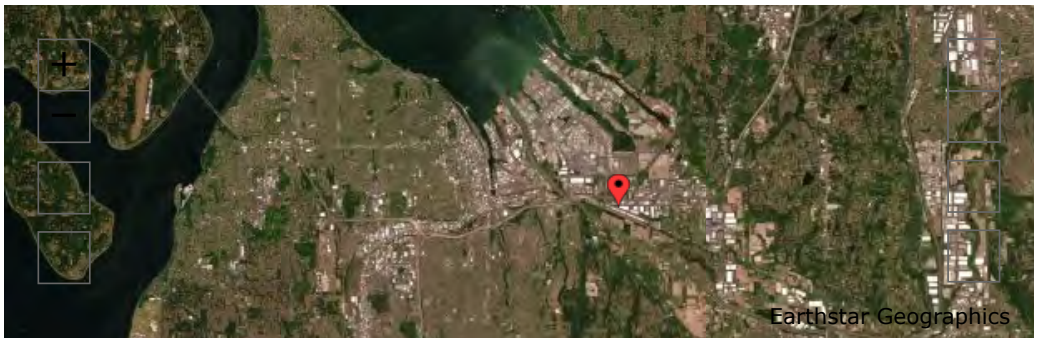

Details

Parcel Square Footage: 228342
Parcel Acres:

Assessed Value

Year	Taxable Assessed Value	Class	Tax Code	Tax Status
2021	$4,338,300.00			

/

Year	Details	Taxable Assessed Value	Assessed Value	Applications	Class	Tax Code	Tax Status
2020		$4,338,300.00					
2019		$4,356,100.00					
2018		$4,148,700.00					
2017		$3,532,000.00					
2016		$3,532,000.00					
2015		$3,532,000.00				066	T
2014		$3,532,000.00				066	T
2013		$3,848,400.00				066	T
2012		$4,294,500.00				066	T
2011		$4,517,700.00				066	T
2010		$4,517,700.00				066	T
2009		$0.00				065	T

Applications

SGN15-0019 (/PermittingPublic/PermitDetailPublic/Index/233c19a3-1560-4306-abbb-183a3700e33b)
Sign Permit - Freestanding
Application has been denied

Submitted: 3/26/2015
Issued:
Closed: 5/20/2015

Project Description

FIFE RV SIGN CHANGE (FACE ONLY, NO STRUCTURAL CHANGES)

BLD15-0044 (/PermittingPublic/PermitDetailPublic/Index/6917661e-03d5-4f80-93e0-104bcfd3038b)
Alt Com Building Permit
Application has been denied

Submitted: 3/26/2015
Issued:
Closed: 5/20/2015

Project Description

FACE CHANGE TO FIFE RV SIGN, NO STRUCTURAL CHANGES

SGN13-0063 (/PermittingPublic/PermitDetailPublic/Index/0b4482c9-1e6a-4331-badd-d8c95defe68b)
Sign Permit - Temporary
Closed

Submitted: 7/25/2013
Issued: 7/25/2013
Closed: 8/1/2013

Project Description

BALLOONS ALONG I-5 FRONTAGE

SGN13-0020 (/PermittingPublic/PermitDetailPublic/Index/1eb0d257-e30a-4f5f-a779-c26b94fe8761)
Sign Permit - Temporary
Closed

Submitted: 3/11/2013
Issued: 3/11/2013
Closed: 3/29/2013

Project Description

FIFE RV TEMP SIGN

Details Assessed Value Applications

PLM12-0037 (/PermittingPublic/PermitDetailPublic/Index/b5d92fc1-57cb-4a03-96c1-6b84485170b2)
Plumbing Permit
Closed

Submitted: 10/15/2012
Issued: 10/17/2012
Closed: 11/26/2012

Project Description

REMODEL TWO RESTROOMS: 2 WC, 2 SINKS

BLD12-0110 (/PermittingPublic/PermitDetailPublic/Index/c440e777-2e09-4c86-875a-2fe28e1acbd4)
Alt Com Building Permit
Closed

Submitted: 10/15/2012
Issued: 10/17/2012
Closed: 2/1/2013

Project Description

REMODEL TWO RESTROOMS, CREATE BREAK ROOM, TWO OFFICES, CONFERENCE ROOM

SGN12-0042 (/PermittingPublic/PermitDetailPublic/Index/75c8b547-fffa-446a-84dc-486044433cab)
Sign Permit - Combination
Closed

Submitted: 10/9/2012
Issued: 10/17/2012
Closed: 11/27/2012

Project Description

WALL SIGN & FACE CHANGE ONLY TWO FREESTANDING

BLD12-0106 (/PermittingPublic/PermitDetailPublic/Index/e225ab34-a030-44cf-a629-24bf41ca4911)
Alt Com Building Permit
Closed

Submitted: 10/9/2012
Issued: 10/17/2012
Closed: 11/27/2012

Project Description

WALL SIGN INSTALLATION

BLD12-0091 (/PermittingPublic/PermitDetailPublic/Index/1141a873-cb00-4a61-a42a-75b9d017277f)
Alt Com Building Permit
Closed

Submitted: 9/18/2012
Issued: 9/24/2012
Closed: 10/26/2012

Project Description

ADD 30' W x 40' L x 15' H OPEN CANOPY OVER OIL-WATER SEPARATOR TO CREATE AN RV WASH

BLD12-0090 (/PermittingPublic/PermitDetailPublic/Index/551660e4-4a88-489a-9631-4573a7c3b134)
Alt Com Building Permit
Closed

Submitted: 9/17/2012
Issued: 9/20/2012
Closed: 10/24/2012

Project Description

SET FLAG POLE FOUNDATION FOR 35' EXPOSED HEIGHT FLAG POLE PER STANDARD GROUNDSET FOUNDATION DETAIL

Details Assessed Value Applications

DEM12-0006 (/PermittingPublic/PermitDetailPublic/Index/621e9020-0697-45e6-a9ec-16fd722bd568)
Demolition Permit
Closed

Submitted: 7/25/2012
Issued: 8/1/2012
Closed: 11/26/2012

Project Description

DEMO OF AGING MOTEL WITH AN APPROX 18,684 SF FOOTPRINT

PLM12-0025 (/PermittingPublic/PermitDetailPublic/Index/f12984af-f17f-4293-89a6-025d4e2b915b)
Plumbing Permit
Closed

Submitted: 6/11/2012
Issued: 7/24/2012
Closed: 11/26/2012

Project Description

Enter Project Description

SEP10-0009 (/PermittingPublic/PermitDetailPublic/Index/5158ef4f-80eb-47a2-b833-787015a61137)
SEPA Determination - MDNS
Closed

Submitted: 10/27/2010
Issued:
Closed: 5/1/2012

Project Description

REDEVELOP SITE AS RV SALES LOT - PARTIAL BLDG DEMO

DRA10-0006 (/PermittingPublic/PermitDetailPublic/Index/be724911-0a56-4eb0-8de9-f480eaa0f660)
Storm Drainage Permit
Closed

Submitted: 10/27/2010
Issued: 7/24/2012
Closed: 11/26/2012

Project Description

CONSTRUCTION OF RV SALE LOT

GRA10-0010 (/PermittingPublic/PermitDetailPublic/Index/2767f738-d921-4ca9-903b-d2bc0a647edb)
Grading Permit
Closed

Submitted: 10/27/2010
Issued: 8/28/2012
Closed: 11/26/2012

Project Description

CONSTRUCTION OF RV SALE LOT

GRA06-0022 (/PermittingPublic/PermitDetailPublic/Index/80abc81f-980d-4d47-b0ce-94a5f3e89d03)
Grading Permit
Permit has expired

Submitted: 11/21/2006
Issued:
Closed:

Project Description

GRADING/FILLING FOR OUTSIDE SALES DISPLAY AREA 575CY OF COMPENSATORY STORAGE TO BE CREATED FOR THE EQUAL AMOUNT OF FILL ON THE SOUTH SIDE OF THE PROPERTY

Details Assessed Value Applications

SEP06-0019 (/PermittingPublic/PermitDetailPublic/Index/5ea9df0e-9d88-4271-9023-78da1005bbaa)
SEPA Determination - MDNS
Closed

Submitted: 11/21/2006
Issued:
Closed: 2/2/2010

Project Description

KORUM OUTDOOR SALES LOT

SEP06-0018D (/PermittingPublic/PermitDetailPublic/Index/ba24c942-2b69-44ca-9d00-185133939fb8)
SEPA Determination - DNS
Delete permit - mistake

Submitted: 11/21/2006
Issued:
Closed:

Project Description

Enter

SGN04-0021 (/PermittingPublic/PermitDetailPublic/Index/bd8cef1c-bf83-40ce-b93e-36ffe3180d7d)
Legacy Sign Permit
Closed

Submitted: 3/9/2004
Issued: 3/16/2004
Closed: 3/9/2004

Project Description

Grand Opening 1 2x 6 Banner to display from 3/8/04 through 4/8/04

PLT04-0003 (/PermittingPublic/PermitDetailPublic/Index/626e45ba-49fe-49ed-b539-21ea9566e0db)
Legacy Plat
Cancelled

Submitted: 2/2/2004
Issued:
Closed:

Project Description

Divide one parcel into three

SGN03-0107 (/PermittingPublic/PermitDetailPublic/Index/d2c6c20e-463a-4db3-9947-a1d732d22da0)
Legacy Sign Permit
Closed

Submitted: 11/5/2003
Issued: 11/5/2003
Closed: 11/5/2003

Project Description

temporary sign 11/5/03 through 12-22-03 2 banners to cover freeway signs

---

BLD03-0002 (/PermittingPublic/PermitDetailPublic/Index/465ebf01-52c0-4e80-a74a-90ce4785a51d)
Legacy Building Permit
Closed

Submitted: 1/14/2003
Issued: 1/29/2003
Closed: 1/14/2003

Project Description

ENCLOSE CANOPY AND INCREASE LOBBY FOR COFFEE/WAITING AREA
Details Assessed Value Applications

VIO03-0002 (/PermittingPublic/PermitDetailPublic/Index/6040886e-0dde-42ea-8098-3e4acd88a01d)
Legacy Violation
Closed

Submitted: 1/6/2003
Issued:
Closed: 1/6/2003

Project Description

One storage container on the NE corner of property

VIO02-0022 (/PermittingPublic/PermitDetailPublic/Index/ac6ad3bd-4820-46fe-b0f6-40b914f5510a)
Legacy Violation
Closed

Submitted: 12/26/2002
Issued:
Closed: 12/26/2002

Project Description

Trash and Debris on southside of building.

VIO02-0021 (/PermittingPublic/PermitDetailPublic/Index/fa4721ee-1df7-4320-8e2e-2f69c32292a6)
Legacy Violation
Closed

Submitted: 12/26/2002
Issued:
Closed: 12/26/2002

Project Description

Two storage containers on southeastern edge of property

SGN02-0048 (/PermittingPublic/PermitDetailPublic/Index/f5b7b84c-2936-4899-9e7e-80216f41547c)
Legacy Sign Permit
Closed

Submitted: 11/8/2002
Issued: 11/8/2002
Closed: 11/12/2002

Project Description

Temporary Sign 11-8-02 through 12-23-02 two banners 6X4

PRJ00-0050 (/PermittingPublic/PermitDetailPublic/Index/6f214f01-5cc4-44c5-8b07-75edcc3a5f04)
Legacy Project
Closed

Submitted: 9/14/2000
Issued:
Closed: 9/14/2000

Project Description

FAMILY RESTAURANT WITH SPORTS LOUNGE AND BANQUET FACILITIES. SERVE FOOD, BREAKFAST, LUNCH AND DINNER.

SGN00-0057 (/PermittingPublic/PermitDetailPublic/Index/b2360e40-0fc4-468a-ac83-7847e16ee49d)
Legacy Sign Permit
Closed

Submitted: 9/13/2000
Issued:
Closed: 9/14/2000

Project Description

4 x 7 FREESTANDING "DOO DROP INN RESTAURANT" w/CHANGEABLE COPY ON EXISTING POLE

Details Assessed Value Applications

SGN00-0056 (/PermittingPublic/PermitDetailPublic/Index/f3278622-0ee7-4e08-b7a1-d9fb9aecd4e6)
Legacy Sign Permit
Closed

Submitted: 9/13/2000
Issued: 10/6/2000
Closed: 10/6/2000

Project Description

2 BANNERS AND 1 A-BOARD DISPLAYED 10-9-00 THRU 11-22-00

VIO99-0034 (/PermittingPublic/PermitDetailPublic/Index/e2e0f888-2eea-451e-b9ef-f61924d9bd0a)
Legacy Violation
Closed

Submitted: 6/4/1999
Issued:
Closed: 6/4/1999

Project Description

Maintain landscape and screen dumpster.

BLD99-0054 (/PermittingPublic/PermitDetailPublic/Index/71d62fac-2a11-4583-8995-605f32115b8e)
Legacy Building Permit
Closed

Submitted: 5/19/1999
Issued: 6/7/1999
Closed: 5/20/1999

Project Description

STUCCO WALL

VIO99-0005 (/PermittingPublic/PermitDetailPublic/Index/f03ea2bc-7924-4f58-b4a3-320a2df8d493)
Legacy Violation
Closed

Submitted: 4/16/1999
Issued:
Closed: 4/16/1999

Project Description

REPLACE MISSING TREES/SHRUBS WEST AND SOUTH LOT LINES. CLEAN ALL FLOWER BEDS. CLEAN LANDSCAPING PK LOT TO FREWAY.

VIO99-0003 (/PermittingPublic/PermitDetailPublic/Index/05a9b58a-666d-4ab8-9d1e-65b90406f3de)
Legacy Violation
Closed

Submitted: 4/15/1999
Issued:
Closed: 4/16/1999

Project Description

Refrigerators NE corner

VIO99-0004 (/PermittingPublic/PermitDetailPublic/Index/bb2157a5-cd81-4f27-a14a-dc105d80139e)
Legacy Violation
Closed

Submitted: 4/15/1999
Issued:
Closed: 4/16/1999

Project Description

DISCARDED TOILETS NE CORNER OF PROPERTY
Details Assessed Value Applications

VIO97-0050 (/PermittingPublic/PermitDetailPublic/Index/d1329992-f5d4-4d67-967d-f20c8e20b01b)
Legacy Violation
Closed

Submitted: 6/2/1997
Issued:
Closed: 6/2/1997

Project Description

Landscaping at two free standing signs and perimeter landscaping not in accordance with city codes.

VIO97-0048 (/PermittingPublic/PermitDetailPublic/Index/f051e054-c037-4cd2-a503-7aaedf41114c)
Legacy Violation
Closed

Submitted: 5/22/1997
Issued:
Closed: 7/1/1997

Project Description

Landscaping around two free standing signs is not to code and the general perimeter landscaping is not up to code requirements.

VIO97-0044 (/PermittingPublic/PermitDetailPublic/Index/6f3cbde2-453f-4beb-bfeb-46be2c58420d)
Legacy Violation
Closed

Submitted: 5/15/1997
Issued:
Closed: 7/15/1997

Project Description

Landscaping (dead/dying plants need replacing and weeded).

VIO97-0003 (/PermittingPublic/PermitDetailPublic/Index/c73a8e9d-c7f7-4aa3-bf99-7f78423e11b0)
Legacy Violation
Closed

Submitted: 2/17/1997
Issued:
Closed: 5/12/1999

Project Description

Meth lab in room 133 - see memo on file dated 2-17-97 submitted by Howard. File closed 5/12/99 SM Previously taken care of.

SGN97-0007 (/PermittingPublic/PermitDetailPublic/Index/b171f660-53c6-42e0-ac32-587dcf6c4444)
Legacy Sign Permit
Closed

Submitted: 1/23/1997
Issued: 2/20/1997
Closed: 5/22/1997

Project Description

Install of one wall sign - 30"x 14'10" (37 square feet) "Hometel Inn" to be located on the above the entrance on a canopy.

BLD96-0096 (/PermittingPublic/PermitDetailPublic/Index/d5678b72-d3c0-4033-bba4-bb625a50a547)
Legacy Building Permit
Closed

Submitted: 9/5/1996
Issued: 10/11/1996
Closed: 5/22/1997

Project Description

Renovation of existing porch cover to build new parapet and roof.

Details Assessed Value Applications

SGN96-0024 (/PermittingPublic/PermitDetailPublic/Index/67a5168a-eb49-4cdb-b3b6-75b2d53a8e9c)
Legacy Sign Permit
Closed

Submitted: 4/10/1996
Issued: 2/14/1997
Closed: 2/14/1997

Project Description

Wall sign on awning "Hometel Inn". Sign size-26" tall letters X 46 feet in length for an overall size of 99.66 square feet.

BLD96-0029 (/PermittingPublic/PermitDetailPublic/Index/ce8d1ac2-6f90-4d90-bfa9-df4a89fede92)
Legacy Building Permit
Closed

Submitted: 3/28/1996
Issued: 4/11/1996
Closed: 8/22/1996

Project Description

Footing for a sign

SGN96-0020 (/PermittingPublic/PermitDetailPublic/Index/a5fbe08c-ad0e-4a45-b471-736205a6f2ac)
Legacy Sign Permit
Closed

Submitted: 3/28/1996
Issued: 4/11/1996
Closed: 10/10/2000

Project Description

Freestanding sign 27 feet 10 inches tall; 12 feet X 5 feet (60 feet) in area; double-faced, electric sign. Reads "Hometel Inn, AAA $25.95 and up, No Vacancy".

SGN95-0105 (/PermittingPublic/PermitDetailPublic/Index/df078d5a-3f36-4383-adfc-4be16678eb5a)
Legacy Sign Permit
Closed

Submitted: 12/7/1995
Issued: 12/7/1995
Closed: 2/29/1996

Project Description

Temporary banner sign on fence along Pacific Highway East. December 7 through January 22, 1996. Only 1995 allowance. Still allowed 45 days in 1996.

VAR95-0006 (/PermittingPublic/PermitDetailPublic/Index/6d349c41-3a09-462f-bf53-8bccae90f45c)
Legacy Variance
Closed

Submitted: 11/22/1995
Issued: 2/14/1996
Closed: 9/18/2000

Project Description

Our request is to build a free standing sign on parcel 032002480/ Although it is off-premise, we have been given a sign easement by the Econolodge to build a free standing sign depending on the out come of the hearing. Econolodge also has confirmed it s consent to build on the easement site. The easement site is approximately 50 feet from the center of the highway and about 25 feet from the center of the drive way.

SGN95-0084 (/PermittingPublic/PermitDetailPublic/Index/cdd583b4-5ebe-4b72-a6fb-ec3585cd0bbf)
Legacy Sign Permit
Closed

Submitted: 10/19/1995
Issued: 10/19/1995
Closed: 12/8/1995

Project Description

15' by 2' banner sign advertising live music

BLD95-0062 (/PermittingPublic/PermitDetailPublic/Index/da546cb8-bc37-4cf5-9648-f0be99322c0f)
Legacy Building Permit
Closed

Submitted: 5/18/1995
Issued:
Closed: 4/10/1996

Project Description

Adding 835 sg ft 1st story 159 sf and 2nd story 676 sf above the portico

---

BLD95-0021 (/PermittingPublic/PermitDetailPublic/Index/c28fefea-38fe-43a4-88e8-7fd8384aefbe)
Legacy Building Permit
Closed

Submitted: 3/10/1995
Issued: 3/13/1995
Closed: 3/21/1995

Project Description

install new door

SGN94-0077 (/PermittingPublic/PermitDetailPublic/Index/d9ade68b-b7c8-4e02-bf10-da91b316fe72)
Legacy Sign Permit
Closed

Submitted: 10/12/1994
Issued: 4/20/1995
Closed: 4/20/1995

Project Description

Temporary banner sign for 30 days

BLD94-0084 (/PermittingPublic/PermitDetailPublic/Index/ee3b7d65-29aa-4e28-9fef-081a9e5cd1cd)
Legacy Building Permit
Closed

Submitted: 7/27/1994
Issued: 8/9/1994
Closed: 1/16/1996

Project Description

ROOF TOP 8' FRAMING PANEL WORK

VIO94-0061 (/PermittingPublic/PermitDetailPublic/Index/8feeb1c7-7e55-4b39-8e73-e428492a23ed)
Legacy Violation
Closed

Submitted: 6/8/1994
Issued:
Closed: 9/1/1995

Project Description

LANDSCAPING AT BASE OF FREESTANDING SIGN IS NOT BEING MAINTAINED.

SGN85-0005 (/PermittingPublic/PermitDetailPublic/Index/278a9708-c691-4f06-9fd3-5115ea577622)
Legacy Sign Permit
Closed

Submitted: 6/6/1994
Issued:
Closed: 6/6/1994

Project Description

SGN93-0024 (/PermittingPublic/PermitDetailPublic/Index/cb0c97f2-36de-489b-a3ed-a087918b73a9)
Legacy Sign Permit
Closed

Submitted: 4/19/1993
Issued: 8/10/1993
Closed: 9/18/2000

Project Description

Remove existing pole sign located by I-5 and install new pole sign along I-5. New sign to have three panels measuring as follows: (1) @ 5'X 12 and (2) @ 5'X 17' for a total of 230 square feet. The sign to be 40' tall.

SGN92-0089 (/PermittingPublic/PermitDetailPublic/Index/a34c6f19-c6aa-42d1-8155-891f4d16fe53)
Legacy Sign Permit
Closed

Submitted: 9/21/1992
Issued: 9/18/1992
Closed: 12/7/1992

Project Description

6 x 8 Econo Lodge Lobby 1 x 8 (x3) signs total

SGN91-0269 (/PermittingPublic/PermitDetailPublic/Index/a160a540-0737-4b0e-9e79-c22d5e844b17)
Legacy Sign Permit
Closed

Submitted: 7/27/1992
Issued:
Closed: 4/10/1996

Project Description

Install additional signage for existing freestanding sign.

GRA89-0156 (/PermittingPublic/PermitDetailPublic/Index/3116e836-d5fe-44e4-8045-a44730e96a46)
Legacy Grading Permit
Closed

Submitted: 7/20/1992
Issued: 7/20/1991
Closed: 7/20/1992

Project Description

Fill for expansion of parking lot 1200 cu yds.

SGN91-0317 (/PermittingPublic/PermitDetailPublic/Index/4a22d12b-51ea-4dc3-af00-2a67686d6a71)
Legacy Sign Permit
Closed

Submitted: 2/18/1992
Issued: 4/14/1992
Closed: 4/10/1996

Project Description

Install one wall sign on awning structure. Sign to be made of fabric and 7 sq. feet. Valuation $800.

BLD91-0306 (/PermittingPublic/PermitDetailPublic/Index/8dba7514-751f-4691-bfd6-043525dcf8a4)

Details Assessed Value Applications

Submitted: 1/28/1992
Issued: 11/24/1991
Closed: 4/10/1996

Legacy Building Permit
Closed

Project Description

City of Fife (http://cityoffife.org/) Privacy Policy (/Public/PrivacyPolicy) Refund Policy (/Public/RefundPolicy)

Community Development (http://cityoffife.org/city-departments/community-development) Public Works (http://cityoffife.org/city-departments/public-works) Pierce County Assessor's Office (http://www.piercecountywa.org/Index.aspx?NID=91) Online Permitting Webpage (https://www.cityoffife.org/477/Online-Permitting)

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3516 PACIFIC HWY E, FIFE

...

3516 PACIFIC HWY E, FIFE

Object Description

Address
3516 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3516%20PACIFIC%20HWY%20E%2C%20FIFE/field/title/mode/exact/conn/and)

Other information
Click on the address above to see if there are other images related to this address

Description
Sundance Inn
Dan Snider, builder
TNT 2/1/1981 p.H5 Did Holiday Inn miss a trick in Fife? Rival motel
enjoys choice spot right in HI's "front yard" (il)

Built
1980

Decade built
1980s

City
FIFE (/digital/collection/p17061coll1/search/searchterm/FIFE/field/city/mode/exact/conn/and)

Block
3500 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3500%20PACIFIC%20HWY%20E%2C%20FIFE/field/block/mode/exact/conn/and
)

Subject
3516 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3516%20PACIFIC%20HWY%20E%2C%20FIFE/field/subjec/mode/exact/conn/an
d)

Newspaper abbreviations
GTWY - Peninsula Gateway, TDL - Tacoma Daily Ledger, TDN - Tacoma Daily News, TNL - Tacoma News Ledger, TNT - Tacoma News Tribune

Item Description

Address
3516 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3516%20PACIFIC%20HWY%20E%2C%20FIFE/field/title/mode/exact/conn/and)

Source
No images currently available.

Newspaper abbreviations
GTWY - Peninsula Gateway, TDL - Tacoma Daily Ledger, TDN - Tacoma Daily News, TNL - Tacoma News Ledger, TNT - Tacoma News Tribune

3518 PACIFIC HWY E, FIFE

...

3518 PACIFIC HWY E, FIFE

Object Description

Address
3518 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3518%20PACIFIC%20HWY%20E%2C%20FIFE/field/title/mode/exact/conn/and)

Other information
Click on the address above to see if there are other images related to this address

Description
Holiday Inn
-110 units
-opened 5/25/1964
-grand opening 6/7/1964
TNT 3/8/1964 p.A6 Building projects
shape the changing face of Tacoma (il)
TNT 4/12/1964 p.B5 Hotel-motel complex
at Fife opens in June (sketch)
TNT 5/24/1964 p.A15 Holiday Inn will
open on Monday
TNT 6/6/1964 p.3,11-13 New inn jammed
before Sunday's grand opening (il)
TNT 9/2/1964 p.C12 Holiday Inn wins
award

Built
1964

Decade built
1960s

City
FIFE (/digital/collection/p17061coll1/search/searchterm/FIFE/field/city/mode/exact/conn/and)

Block
3500 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3500%20PACIFIC%20HWY%20E%2C%20FIFE/field/block/mode/exact/conn/and
)

Subject
3518 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3518%20PACIFIC%20HWY%20E%2C%20FIFE/field/subjec/mode/exact/conn/an
d)

Newspaper abbreviations
GTWY - Peninsula Gateway, TDL - Tacoma Daily Ledger, TDN - Tacoma Daily News, TNL - Tacoma News Ledger, TNT - Tacoma News Tribune

Item Description

Address
3518 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3518%20PACIFIC%20HWY%20E%2C%20FIFE/field/title/mode/exact/conn/and)

Source
No images currently available.

Newspaper abbreviations
GTWY - Peninsula Gateway, TDL - Tacoma Daily Ledger, TDN - Tacoma Daily News, TNL - Tacoma News Ledger, TNT - Tacoma News Tribune

Richards Studio D152628-1C

...

Item Description

Title
Richards Studio D152628-1C

Description
February 24, 1969, aerial view of Holiday Inn, Fife. The large hotel, 3518 Pacific Hwy. E., was located on Pacific Hwy. across the street from Buck & Son Tractor. It provided plenty of parking for its guests and a rectangular swimming pool nestled between the hotel buildings. Swimmers and those relaxing under the table umbrellas could experience a sense of privacy from busy highway traffic. A large grassy area was available for guests - and small children - to stretch their legs. Photograph ordered by Sherwood & Roberts, Inc.

Subjects
Aerial photographs; Holiday Inn (Fife); Hotels--Fife;

Image Date
1969-02-24

Decade
1960s (/digital/collection/p17061coll21/search/searchterm/1960s/field/decade/mode/exact/conn/and)

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Image type
Jpeg Image (/digital/collection/p17061coll21/search/searchterm/Jpeg%20Image/field/image/mode/exact/conn/and)

Print type
8x10"

Local identifer
69\31254.jpg

Collection
Richards Studio (/digital/collection/p17061coll21/search/searchterm/Richards%20Studio/field/source/mode/exact/conn/and)

Series
Richards Studio D152628
(/digital/collection/p17061coll21/search/searchterm/Richards%20Studio%20D152628/field/series/mode/exact/conn/and)

Address
3518 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll21/search/searchterm/3518%20PACIFIC%20HWY%20E%2C%20FIFE/field/places/mode/exact/conn/and)

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Richards Studio D152628-A

...

Item Description

Title
Richards Studio D152628-A

Description
Holiday Inn swimming pool area. Most rooms in the Fife-area Holiday Inn, built in 1964, had patios and balconies facing poolside. The rectangular in-ground swimming pool was bounded by cement walkways; the hotel had a large grassy area, a portion pictured above, for umbrealla-mounted tables. Photograph ordered by Sherwood & Roberts, Inc.

Subjects
Holiday Inn (Fife); Hotels--Fife; Swimming pools--Fife;

Image Date
1969-02-24

Decade
1960s (/digital/collection/p17061coll21/search/searchterm/1960s/field/decade/mode/exact/conn/and)

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Print type
Irregular

Local identifer
68\31253.jpg

Collection
Richards Studio (/digital/collection/p17061coll21/search/searchterm/Richards%20Studio/field/source/mode/exact/conn/and)

Series
Richards Studio D152628
(/digital/collection/p17061coll21/search/searchterm/Richards%20Studio%20D152628/field/series/mode/exact/conn/and)

Address
3518 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll21/search/searchterm/3518%20PACIFIC%20HWY%20E%2C%20FIFE/field/places/mode/exact/conn/and)

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Richards Studio D157079-10

...

Item Description

Title
Richards Studio D157079-10

Description
Holiday Inn swimming pool. This is the outdoor swimming pool located on the premises of a Holiday Inn, possibly at 3518 Pacific Hwy. E., Fife. An open-rail fence was used to enclose the swimming area. A water slide, lounging chairs, and trash cans were provided for the inn's customers. A landscaped area of shrubs, rocks, and small trees was next to the swimming pool with at least one lamp pole in view. Photograph ordered by the law firm of Reed, McClure and Moceri, Seattle.

Subjects
Swimming pools; Holiday Inn; Hotels;

Image Date
1969-09-26

Decade
1960s (/digital/collection/p17061coll21/search/searchterm/1960s/field/decade/mode/exact/conn/and)

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Image type
Jpeg Image (/digital/collection/p17061coll21/search/searchterm/Jpeg%20Image/field/image/mode/exact/conn/and)

Print type
8x10"

Local identifer
28\32698.jpg

Collection
Richards Studio (/digital/collection/p17061coll21/search/searchterm/Richards%20Studio/field/source/mode/exact/conn/and)

Series
Richards Studio D157079
(/digital/collection/p17061coll21/search/searchterm/Richards%20Studio%20D157079/field/series/mode/exact/conn/and)

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2011

Environmental Hazards Control
36526-3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

June 25, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Subsurface Investigation
3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit this *Subsurface Investigation* on the referenced property. The site work was performed in the parking areas and adjacent vegetation strips on the property. It is our understanding you may purchase the referenced property and our *Subsurface Investigation* will assist in determining adverse environmental liability on the site.

1.0 Purpose

The purpose of our services was to evaluate shallow soils and/or groundwater (GW) and offer recommendations for further investigation, if warranted. Based upon the history of the site (motel) and nearby activity (leaking underground storage tanks) reported in a previously published Phase I – Environmental Assessment, EHC was to advance borings and perform sampling to assist in determining if contaminants typically associated with petroleum hydrocarbons and heavy metals were present. The sampling was intended to assess potential contamination around the perimeter of the property.

The following is an outline of the critical elements of the sampling:

- Review previously published reports on subject;
- Outline the work with the Client;
- Develop a *Sampling Plan* in accordance with standard protocols and previous report data;
- Advance borings and collect soil and/or GW samples;
- Field screen suspect soils for the presence of petroleum hydrocarbons with a photo-ionizing detector (PID);
- Document conditions found;
- Submit samples to an approved laboratory for analysis;
- Provide a written report of findings with recommendations.

State of Washington
DEPARTMENT OF ECOLOGY
PO Box 47775
Olympia, WA 98504-7775

Lawson

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WA State Department
of Ecology (NWRO)

MR ARMIT SINGH
STAR LODGING OF THE NORTHWEST
1656 KIRKLAND COURT SE
RENTON WA 98058-3818

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98504-7775 C05

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
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February 15, 2011

Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

Re: Termination of VCP Agreement for the following Site:

- **Site Name:** Hometel Inn
- **Site Address:** 33520 Pacific Highway E., Fife
- **Facility/Site No.:** 6088860
- **VCP Project No.:** SW0601

Dear Mr. Singh:

The Department of Ecology (Ecology) is terminating the VCP Agreement governing Project No. SW0601. The project involved the cleanup of the Hometel Inn facility (Site). The effective date of termination is the date of this letter. We are providing this notice in accordance with the terms of the Agreement.

Reason

Ecology is terminating the Agreement because we understand that you are not actively cleaning up the Site. On January 11, 2011, we sent you a letter requesting an update on the status of your cleanup and your plan for completing the cleanup. You did not respond to that request. In addition, the last opinion letter that Ecology sent indicated that only arsenic remained in the ground water and was perhaps an area-wide issue. Since we have not heard from you, we have decided to terminate the Agreement.

Next Steps

Based on this decision, Ecology may take one or more of the following steps:

1. Send you an invoice for any costs remaining on your account. In accordance with the terms of the Agreement, you remain responsible for any costs incurred by us before the effective date of termination. *Presently, there are no costs pending.*

2. Conduct a site hazard assessment (SHA) and rank the Site for further action.

You may apply to reenter the VCP if you decide to conduct further action at the Site.

Contact Information

Ecology is committed to working with you to accomplish the prompt and effective cleanup of the Site. If you have any questions about this notice, please contact the Site Manager, Chuck Cline at (360) 407-6267 or via email at chuck.cline@ecy.wa.gov .

Sincerely,

Rebecca S. Lawson

Rebecca S. Lawson, P.E., LHg
Section Manger
Toxics Cleanup Program
Southwest Regional Office

RSL/CC/ksc:Hometel Inn Tacoma Project Termination by ECY

By certified mail: (7009 2820 0001 7155 3657)

cc: Mr. Rod Giffels, GVA Kidder Mathews
Ms. Sharon Bell, Tacoma-Pierce County Health Department
Mr. Scott Rose, Ecology
Ms. Dolores Mitchell, Ecology

State of Washington
DEPARTMENT OF ECOLOGY
PO Box 47775
Olympia, WA 98504-7775

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Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

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WA State Department of Ecology (SWRO)

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SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

Howard Inn

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

1-Unclaimed. Re-sent regular mail

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from serv... 7009 2820 0001 7155 3657

SW0601

PS Form 3811, February 2004 Domestic Return Receipt Chuck Clune 02595-02-M-1540

Howard Inn, Fife
F/S# 6088860

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

February 15, 2011

Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

Re: Termination of VCP Agreement for the following Site:

- **Site Name:** Hometel Inn
- **Site Address:** 33520 Pacific Highway E., Fife
- **Facility/Site No.:** 6088860
- **VCP Project No.:** SW0601

Dear Mr. Singh:

The Department of Ecology (Ecology) is terminating the VCP Agreement governing Project No. SW0601. The project involved the cleanup of the Hometel Inn facility (Site). The effective date of termination is the date of this letter. We are providing this notice in accordance with the terms of the Agreement.

Reason

Ecology is terminating the Agreement because we understand that you are not actively cleaning up the Site. On January 11, 2011, we sent you a letter requesting an update on the status of your cleanup and your plan for completing the cleanup. You did not respond to that request. In addition, the last opinion letter that Ecology sent indicated that only arsenic remained in the ground water and was perhaps an area-wide issue. Since we have not heard from you, we have decided to terminate the Agreement.

Next Steps

Based on this decision, Ecology may take one or more of the following steps:

1. Send you an invoice for any costs remaining on your account. In accordance with the terms of the Agreement, you remain responsible for any costs incurred by us before the effective date of termination. *Presently, there are no costs pending.*

2. Conduct a site hazard assessment (SHA) and rank the Site for further action.

You may apply to reenter the VCP if you decide to conduct further action at the Site.

Contact Information

Ecology is committed to working with you to accomplish the prompt and effective cleanup of the Site. If you have any questions about this notice, please contact the Site Manager, Chuck Cline at (360) 407-6267 or via email at chuck.cline@ecy.wa.gov .

Sincerely,

Rebecca S. Lawson

Rebecca S. Lawson, P.E., LHg
Section Manger
Toxics Cleanup Program
Southwest Regional Office

RSL/CC/ksc:Hometel Inn Tacoma Project Termination by ECY

By certified mail: (7009 2820 0001 7155 3657)

cc: Mr. Rod Giffels, GVA Kidder Mathews
Ms. Sharon Bell, Tacoma-Pierce County Health Department
Mr. Scott Rose, Ecology
Ms. Dolores Mitchell, Ecology

417/11

7009 2820 0001 7155 3657

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Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

January 11, 2011

Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

Re: Request for Information on Status of VCP Project for the following Site:

- **Site Name:** Hometel Inn
- **Site Address:** 33520 Pacific Highway E., Fife
- **Facility/Site No.:** 6088860
- **VCP Project No.:** SW0601

Dear Mr. Singh:

The Department of Ecology (Ecology) appreciates your decision to clean up the Hometel Inn Facility (Site) independently. However, our records indicate that you have not conducted any remedial actions during the past year at the Site. Apparently, no action has occurred since 2005 when Ecology submitted its last opinion letter. This letter requests information on the status of your cleanup and your continued interest in the Voluntary Cleanup Program (VCP).

Request for Information

Please submit the following information to Ecology within 30 days of the date of this letter:

1. Cleanup status report.

2. Any reports documenting the cleanup.

3. Plan and schedule for completing the cleanup.

Next Steps

Based on your response, Ecology will decide whether to continue providing you services under the VCP. We will notify you of our decision in writing. Please note that we will terminate the Agreement governing this Project if you do not respond to this request.

Contact Information

We are committed to working with you to accomplish the prompt and effective cleanup of the Site. If you have any questions about this request, please contact me at (360) 407-6267 or via email at CHCL461@ecy.wa.gov .

Sincerely,

Charles S. Cline
VCP Site Manager
Toxics Cleanup Program;
Southwest Regional Office

CSC/ksc:Hometel Inn Tacoma letter 01 2011

By certified mail: (7009 1410 0002 4420 1379)

cc: Mr. Rod Giffels, GVA Kidder Mathews
Ms. Sharon Bell, Tacoma-Pierce County Health Department
Mr. Scott Rose, Ecology
Ms. Dolores Mitchell, Ecology

7009 1410 0002 4420 1379

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Restricted Delivery Fee (Endorsement Required)	
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Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

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Olympia, WA 98504-7775

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WA State Department of Ecology (SWRO)

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KD 5091

Mr. Armit Singh
Star Lodging of the Northwest
1656 Kirkland Ct SE
Renton, WA 98058-3818

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98504-7775

2005

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

January 21, 2005

Mr. Rod Giffels
GVA Kidder Mathews
1201 Pacific Avenue, #1400
Tacoma, WA 98402

Dear Mr. Giffels:

RE: The Hometel Motor Inn Site, Located at 3520 Pacific Highway East, Fife, Washington

This letter is written in response to your request to provide a no-further-action (NFA) letter for the Hometel Motor Inn site, located at 3520 Pacific Hwy East, Fife, Washington. The Department of Ecology (Ecology) appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCA). Ecology's Toxics Cleanup Program has completed a review of the following information regarding the Hometel Motor Inn site to provide the opinion in this letter:

- NVL Laboratories, Inc., **Phase I Environmental Site Assessment, Hometel Inn Motel, 3520 Pacific Highway East, Fife, Washington,** June 25, 2002.
- Robinson & Noble, Inc. and Saltbush Environmental Services, **Fife, Washington, Phase I and Limited Phase II, Environmental Site Assessment,** pril 2004.
- Environmental Hazards Control, **Subsurface Investigation, 3520 Pacific Highway East, Fife, Washington 98024 (Hometel Inn Motel),** June 25, 2004.
- Environmental Hazards Control, **Subsurface Investigation, 3520 Pacific Highway East, Fife, Washington 98024 (Hometel Inn Motel),** November 4, 2004.
- Environmental Hazards Control, **Groundwater Well Installation and Monitoring, 3520 Pacific Highway East, Fife, Washington 98024 (Hometel Inn Motel),** December 29, 2004.
- City of Fife, "Facsimile Transmittal Sheet", December 6, 2004.

Your reports will be kept in the Central Files of the Southwest Regional Office (SWRO) of Ecology for review by appointment only. Appointments can be made by calling Sherri Greenup at (360) 407-6365.

Besides the Phase I Site Assessment, Four studies have been conducted on this site; the original two, the first by Robinson & Noble/Saltbush Environmental Services in April 2004 (**Fife, Washington Phase I and Limited Phase II Environmental Site Assessment**), and the second by Environmental Hazards Control (EHC) [**Subsurface Investigation, 3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)**] in June 2004. The Robinson & Noble study was initiated by the Puyallup Indian Tribe to evaluate both the Hometel and adjacent casino properties. Petroleum hydrocarbons were

detected on the casino property, but not on the Hometel site. Neither study found petroleum hydrocarbons on the Hometel property. However, metals were detected in the ground water above the Model Toxics Control Act (MTCA) Method A cleanup levels. Arsenic, chromium and lead were found in the ground water in the first study and arsenic in the second study. Ground water was encountered at a depth of between 2.5 ft and 4.5 ft below ground surface (bgs). In October 2004, a study was conducted by EHC that characterized the soils above the water table (vadose zone). The October 2004 study could not detect arsenic in the vadose zone soils. In December 2004, ground water was sampled in the locations of the previous samples. Total arsenic concentrations ranged from 9.05 ug/l to 79.1 ug/l. Dissolved arsenic was not detected in any of the ground-water samples analyzed. Indications are that the vadose zone probably does not contain arsenic. Arsenic is in the ground water and may be coming onto the property from off-property source(s).

Based upon the above listed information, Ecology has determined that, at this time, total petroleum and other organic hydrocarbons has not been released into the soil or ground water and does not pose a threat to human health or the environment. Therefore, the substantive requirements have been met for petroleum hydrocarbon contamination associated with this property. Ecology's determination is made only with respect to the releases and contamination identified in the documentation for the Hometel Motor Inn site listed above. The substantive requirements apply only to the petroleum hydrocarbons in the soils and ground water at 3520 Pacific Highway East, Fife, Washington, as identified in the reports. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Star Lodging of the Northwest, Mr. Amrit Pal Singh or their representatives.

Because the ground water beneath the Hometel Motor Inn property has been impacted by arsenic contamination, Ecology cannot issue an NFA for the Hometel Motor Inn property. Should you wish to pursue an NFA determination it will be necessary to further characterize the ground water to determine whether the arsenic is isolated to the property proper or is part of a larger site or an area-wide contamination problem. To determine an area-wide problem will require that the full extent of contamination has been delineated to define the "site". Ecology may not require individual property owners to establish the full extent of the area-wide contamination at this time. Ecology may do so in the future if it is determined that individual property owners are contributing to the bigger "site". However, no NFA can be issued for the larger site or area-wide contamination until the ground- water extent of contamination has been defined and remediated. A final NFA letter could be issued once it is shown that ground water beneath the "site" is no longer contaminated, whether as contamination defined and isolated to the property or as a result of area-wide contamination. Any ground-water testing must demonstrate that the ground water concentration for arsenic is below MTCA regulatory levels for four (4) consecutive quarters. A final NFA determination for this site is dependent upon the additional ground-water testing.

Please note that because your actions were not, or will not be conducted under a consent decree with Ecology, this letter is written pursuant to RCW 70.105D.030(1)(i) and does not constitute a settlement by the state under RCW 70.105D.040(4) and is not binding on Ecology.

The opinions presented by Ecology in this letter are made with respect to the information provided in the documents listed above. This opinion is only applicable to the specified site (or portion of the site) and may not be used to justify action at any other site (or portion of the site) nor any other properties owned or operated by Star Lodging of the Northwest, Mr. Amrit Pal Singh or their representatives.

The State, Ecology, and its officers and employees are immune from all liability and no cause of action of any nature may arise from any act or omission in providing this determination.

If you have any questions about any of the information presented in this letter, please contact me at (360) 407-6267.

Sincerely,

Charles S. Cline
Toxics Cleanup Program
Southwest Regional Office

CC:le(1/tcp)

cc: Amrit Pal Singh, Star Lodging of the Northwest, LLC
Sharon Bell, Tacoma-Pierce County Health Department

WASHINGTON STATE DEPARTMENT OF ECOLOGY

WASHINGTON STATE
DEPARTMENT OF ECOLOGY

RECEIPT 203618

DATE 1/21/05

RECEIVED FROM DAVID V. SHEEAN, CAROL A. SHEEAN

Nine hundred and seventy dollars DOLLARS 970.00

FUND:

General ..... UST TCP WWD ..... Other ..... Cash .....

LOCATION: SWRO

Check # 2965

PURPOSE: VCP, NON-LUST, SW0601

MO # .....

By Maureen Lovett

Thank You

010-144

SWRO
VCP SITE REVIEW SUMMARY #2

Part I: Site Checklist

Site Name: Hometel Inn Motel site, Fife **VCP Number: SW0601**

Priority: ☒ **High** (pending property transaction, bank loan, etc.)
☐ **Normal**

☐ **Final NFA** (attach draft NFA/opinion letter and previous interim NFA letter and/or opinion letter(s))

☒ **Interim NFA** ☐ **Opinion Letter** ☐ **Other** This property cannot be given a final NFA without an area-wide study conducted. It is possible to give an NFA for the petroleum hydrocarbons in vicinity.

Was technical assistance provided?
☐ **No (received VCP application/cleanup report after cleanup completed)**
☒ **Yes (If yes, then check box(s) below that apply)**
☒ **before cleanup activities**
☐ **during cleanup activities**
☐ **after cleanup activities**

☐ Yes ☒ No **Is this an UST/LUST site?**

☐ Yes ☒ No **If so, has the LUST database manager been notified?**

☐ Yes ☒ No **Is the site ranked? If yes, what is its rank: (1-5)?**

☐ **EEOS notified of pending delisting (only if site is ranked)?**
☐ **Public notice completed for delisting?**

☒ Yes ☐ No **Coordination with Local Government/County Health Department?**

☒ Yes ☐ No **Is this site in the Tacoma Smelter Plume area?** This site would be considered to be at the edge of the Tacoma Smelter Plume area, since Interstate Highway I-5 defines the boundary of the plume.

☒ Yes ☐ No **Has Site owner been notified of potential for arsenic/lead contamination?**
Potential contamination is metals (As, Pb, etc.)

☐ Yes ☒ No **Does the cleanup meet substantive requirements of MTCA?** Example: Required reports (e.g., RI/FS, CAP, Sampling and Analysis plan, etc..)need not be the same in title or format; however, the documents must still contain sufficient information to serve the same purpose. The scope and level of detail in these documents may vary from site to site depending on the site specific conditions and the complexity. **The site has not been fully characterized to determine the full extent impacted with metals contamination in the ground water. This could be a area-wide issue, not necessarily as a result of the Asarco Plume/Tacoma Smelter Plume. An opinion letter has already been sent that addresses the options that are possible to obtain an NFA for this site and the restrictions that may be placed on the property. The PLP has further characterized the soil and gronnd water for arsenic contamination.**

☐ Yes ☒ No **Has site (anywhere contamination has come to be located) been fully characterized (all media)?** The ground water will need to be evaluated to determine the full extent of arsenic metal contamination in the area. If this is an area-wide issue, there may not be anything that can be done to remediate the ground water by only managing this property.

Additional area-wide investigation will be necessary. A restrictive covenant would be necessary for the ground water.

☒ Yes ☐ No **Does contamination remain on-site (definition of "site/facility") after cleanup?** Arsenic concentrations remain above MTCA regulatory levels in the ground water, However, the arsenic could be considered to be an area-wide issue, since other properties also contain this arsenic in the ground water and no source could be located on the subject property.

☒ Yes ☐ No **Restrictive covenants/deed restrictions /institutional controls required?** This would be one of options. However, not at this time.

☐ Yes ☒ No **Has a filed restrictive covenant been received and entered into database?**

☒ Yes ☐ No **Site logs submitted to VCP data manager?**

Part II: Cleanup/Decision Summary

1. **Site Description (include site address (street, city, county), physical description, current and historical uses of site, etc.):** The Hometel Inn Motel site is located at 3520 Pacific Highway E., Fife, Washington in Pierce County. It is located within the city limits of Fife, in the Commencement Bay/Port of Tacoma neighborhood in the NE ¼ of Section 11, Township 20 North, Range 3 East; Parcel number 0320111049. The site is bounded by the Econo Lodge and Pacific Hwy East on the north, and Interstate 5 Freeway on the south, and commercial establishments to the east and west, including Freddie's Casino immediately to the west and Trans-Pacific Trade Center office building and Lindal Homes and model log houses to the east. There are three separate structures, referred to as the North Wing, East Wing and South Wing, at the site. A large portion of the site is covered by asphalt paved parking, courtyard, landscape areas and planters. Aerial photos that were used for the Phase I review indicated that in 1946 land use was primarily agricultural. The 1969 and 1979 photos indicate that the structures were similar to that shown today and by 1969 Interstate 5 was also apparent. By 1985, the Econo Lodge structure was also apparent. Prior to 1980, the Hometel Inn Motel site was occupied by the Holiday Inn Motel. The nearest natural water bodies are the Puyallup River, located to the south and west of the site, and Commencement Bay, located to the north of the site. Ground water was encountered at between 2.5 and 4 ft bgs. Four studies were conducted on the site: the initial two studies were Robinson & Noble/Saltbush Environmental Services in April 2004 and Environmental Hazards Control (EHC) in June 2004. The Robinson and Noble study was initiated by the Puyallup Indian Tribe to evaluate both the Hometel and Casino properties. Petroleum hydrocarbons were found on the Casino site but not the Hometel site. Neither study found petroleum hydrocarbons on the Hometel Inn Motel site. However, metals were detected in the ground water above Method A cleanup levels. Arsenic, chromium and lead in the earlier study and arsenic in the last study. The metals contamination may be a site wide problem, but this will need to be determined. The final two studies were conducted by EHC to determine arsenic concentrations in the vadose zone (above the water table) and later to determine arsenic concentrations in the ground water. No arsenic was detected in the vadose zone. However, concentrations were found in the ground water to range from 9.05 to 79.1 ug/l.

2. **Describe affected media (soil, groundwater, surface water, sediment, air):** Ground water is contaminated with arsenic above Method A ground-water cleanup levels. Apparently, from characterization that was conducted, soils are not contaminated. Ground water samples filtered and demonstrating dissolved conditions indicates non-detect for arsenic. Ground water is within 1 ft of ground surface in at least one well.

3. **Cleanup method used:**

☒ **Method A**
☐ **Method B**
☐ **Method C**

4. **Describe cleanup activities (for each media) and if contamination remains on-site (including confirmational sampling/analysis, points of compliance, etc...):** Although arsenic remains at the site in the ground water, it is Ecology's position that the PLP cannot affect a cleanup of the "site" until ground water has been fully characterized. The ground-water data and information from other properties adjacent the Hometel property indicates that ground water may contain arsenic above MTCA cleanup levels throughout the area. Dissolved arsenic may not be an issue. However, a restrictive covenant could be placed on the property for the ground water. It may be possible to provide a no further action for the site for petroleum hydrocarbons, but not for arsenic in the ground water, if it can be shown that arsenic is from an area-wide site. An NFA letter can be provided that stipulates that substantive requirements have been met for petroleum hydrocarbons with contamination still remaining in the ground water as an area-wide issue; and, if the restrictive covenant for ground water is placed on the property.

5. **Describe restrictive covenant (e.g., contamination remains under structure, groundwater restrictions, 5-year review):** Arsenic remains in the ground water and a restrictive covenant is required, if the "site" is area wide.

Site Manager	1/18/05 **Date**
VCP Coordinator	1/18/05 **Date**
Unit Manager	1-18-05 **Date**
FOR RSL **Section Manager**	1-18-05 **Date**

SWRO
VCP SITE REVIEW SUMMARY #2

Part I: Site Checklist

Site Name: Hometel Inn Motel site, Fife **VCP Number: SW0601**

Priority: ☒ **High** (pending property transaction, bank loan, etc.)
☐ **Normal**

☐ **Final NFA** (attach draft NFA/opinion letter and previous interim NFA letter and/or opinion letter(s))

☒ **Interim NFA** ☐ **Opinion Letter** ☐ **Other** This property cannot be given a final NFA without an area-wide study conducted. It is possible to give an NFA for the petroleum hydrocarbons in vicinity.

Was technical assistance provided?
☐ **No (received VCP application/cleanup report after cleanup completed)**
☒ **Yes (If yes, then check box(s) below that apply)**
☒ **before cleanup activities**
☐ **during cleanup activities**
☐ **after cleanup activities**

☐ Yes ☒ No **Is this an UST/LUST site?**

☐ Yes ☒ No **If so, has the LUST database manager been notified?**

☐ Yes ☒ No **Is the site ranked? If yes, what is its rank: (1-5)?**

☐ **EEOS notified of pending delisting (only if site is ranked)?**
☐ **Public notice completed for delisting?**

☒ Yes ☐ No **Coordination with Local Government/County Health Department?**

☒ Yes ☐ No **Is this site in the Tacoma Smelter Plume area?** This site would be considered to be at the edge of the Tacoma Smelter Plume area, since Interstate Highway I-5 defines the boundary of the plume.

☒ Yes ☐ No **Has Site owner been notified of potential for arsenic/lead contamination?** Potential contamination is metals (As, Pb, etc.)

☐ Yes ☒ No **Does the cleanup meet substantive requirements of MTCA?** Example: Required reports (e.g., RI/FS, CAP, Sampling and Analysis plan, etc..)need not be the same in title or format; however, the documents must still contain sufficient information to serve the same purpose. The scope and level of detail in these documents may vary from site to site depending on the site specific conditions and the complexity. **The site has not been fully characterized to determine the full extent impacted with metals contamination in the ground water. This could be a area-wide issue, not necessarily as a result of the Asarco Plume/Tacoma Smelter Plume. An opinion letter has already been sent that addresses the options that are possible to obtain an NFA for this site and the restrictions that may be placed on the property. The PLP has further characterized the soil and ground water for arsenic contamination.**

☐ Yes ☒ No **Has site (anywhere contamination has come to be located) been fully characterized (all media)?** The ground water will need to be evaluated to determine the full extent of arsenic metal contamination in the area. If this is an area-wide issue, there may not be anything that can be done to remediate the ground water by only managing this property.

Additional area-wide investigation will be necessary. A restrictive covenant would be necessary for the ground water.

☒ Yes ☐ No **Does contamination remain on-site (definition of "site/facility") after cleanup?** Arsenic concentrations remain above MTCA regulatory levels in the ground water, However, the arsenic could be considered to be an area-wide issue, since other properties also contain this arsenic in the ground water and no source could be located on the subject property.

☒ Yes ☐ No **Restrictive covenants/deed restrictions /institutional controls required?** This would be one of options. NOT AT THIS TIME

☐ Yes ☒ No **Has a filed restrictive covenant been received and entered into database?**

☒ Yes ☐ No **Site logs submitted to VCP data manager?**

Part II: Cleanup/Decision Summary

1. **Site Description (include site address (street, city, county), physical description, current and historical uses of site, etc.):** The Hometel Inn Motel site is located at 3520 Pacific Highway E., Fife, Washington in Pierce County. It is located within the city limits of Fife, in the Commencement Bay/Port of Tacoma neighborhood in the NE ¼ of Section 11, Township 20 North, Range 3 East; Parcel number 0320111049. The site is bounded by the Econo Lodge and Pacific Hwy East on the north, and Interstate 5 Freeway on the south, and commercial establishments to the east and west, including Freddie's Casino immediately to the west and Trans-Pacific Trade Center office building and Lindal Homes and model log houses to the east. There are three separate structures, referred to as the North Wing, East Wing and South Wing, at the site. A large portion of the site is covered by asphalt paved parking, courtyard, landscape areas and planters. Aerial photos that were used for the Phase I review indicated that in 1946 land use was primarily agricultural. The 1969 and 1979 photos indicate that the structures were similar to that shown today and by 1969 Interstate 5 was also apparent. By 1985, the Econo Lodge structure was also apparent. Prior to 1980, the Hometel Inn Motel site was occupied by the Holiday Inn Motel. The nearest natural water bodies are the Puyallup River, located to the south and west of the site, and Commencement Bay, located to the north of the site. Ground water was encountered at between 2.5 and 4 ft bgs. Four studies were conducted on the site: the initial two studies were Robinson & Noble/Saltbush Environmental Services in April 2004 and Environmental Hazards Control (EHC) in June 2004. The Robinson and Noble study was initiated by the Puyallup Indian Tribe to evaluate both the Hometel and Casino properties. Petroleum hydrocarbons were found on the Casino site but not the Hometel site. Neither study found petroleum hydrocarbons on the Hometel Inn Motel site. However, metals were detected in the ground water above Method A cleanup levels. Arsenic, chromium and lead in the earlier study and arsenic in the last study. The metals contamination may be a site wide problem, but this will need to be determined. The final two studies were conducted by EHC to determine arsenic concentrations in the vadose zone (above the water table) and later to determine arsenic concentrations in the ground water. No arsenic was detected in the vadose zone. However, concentrations were found in the ground water to range from 9.05 to 79.1 ug/l.

2. **Describe affected media (soil, groundwater, surface water, sediment, air):** Ground water is contaminated with arsenic above Method A ground-water cleanup levels. Apparently, from characterization that was conducted, soils are not contaminated. Ground water samples filtered and demonstrating dissolved conditions indicates non-detect for arsenic. Ground water is within 1 ft of ground surface in at least one well.

3. **Cleanup method used:**

☒ **Method A**
☐ **Method B**
☐ **Method C**

4. **Describe cleanup activities (for each media) and if contamination remains on-site (including confirmational sampling/analysis, points of compliance, etc…):** Although arsenic remains at the site in the ground water, it is Ecology's position that the PLP cannot affect a cleanup of the "site". The ground-water data and information from other properties adjacent the Hometel property indicates that ground water may contain arsenic above MTCA cleanup levels throughout the area. Dissolved arsenic may not be an issue. However, a restrictive covenant should be placed on the property for the ground water. It is possible to provide a no further action for the site for petroleum hydrocarbons, but not for arsenic in the ground water. An NFA letter can be provided that stipulates that substantive requirements have been met for petroleum hydrocarbons with contamination still remaining in the ground water as an area-wide issue; and, if the restrictive covenant for ground water is placed on the property.

UNTIL GW HAS BE FULLY CHARACTERIZED.

MAYBE IF IT CAN BE SHOWN COULD

5. **Describe restrictive covenant (e.g., contamination remains under structure, groundwater restrictions, 5-year review):** Arsenic remains in the ground water and a restrictive covenant is required.

THAT THE ARSENIC IS FROM AN AREA WIDE SITE.

Site Manager	1/11/05 **Date**
VCP Coordinator	1/11/05 **Date**
Unit Manager	**Date**
Section Manager	**Date**

Washington State Department of Ecology
Toxics Cleanup Program

Voluntary Cleanup Program Site Log

SITE LOG FOR FISCAL YEAR 2005 (July 1, 2004-June 30, 2005)
Site Log #4

Site Name **Hometel Motor Inn site, Fife** **Site ID: SW0601**

SIC: **Non-LUST J1C55** X **Month(s): January** **Year 2005**
LUST J1C61
Sediments J1J40

Name: **Chuck Cline** **Category: 7** **Rate/Hr.$97.00**

Date	Hours	Rate	Amount	Activity Description
1/7/2005	4	$97	$388	Write Site Summary/Start NFA Letter
1/10/2005	6	$97	$582	Write Site Summary/Complete NFA Letter
	10.0		$970	Total

Employee's Signature HometelMotorInn#4.XLS Date: 1/11/2005

2004

Washington State Department of Ecology
Toxics Cleanup Program

Voluntary Cleanup Program Site Log

SITE LOG FOR FISCAL YEAR 2005 (July 1, 2004-June 30, 2005)
Site Log #3

Site Name Hometel Motor Inn site, Fife **Site ID: SW0601**

SIC: Non-LUST J1C55 X **Month(s): December Year 2004**
LUST J1C61
Sediments J1J40

Name: Chuck Cline **Category: 7** **Rate/Hr.$97.00**

Date	Hours	Rate	Amount	Activity Description
12/6/2004	2	$97	$194	Write opinion letter for additional work
	2.0		$194	Total

Verified KC

Employee's Signature Chuck Cline HometelMotorInn#3.XLS **Date:** 12/15/2004

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

RECEIVED
DEPT. OF ECOLOGY/SWRO

'04 DEC 29 P3:24

December 29, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Groundwater Well Installation and Monitoring
3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit three (3) signed and numbered copies of the *Groundwater Well Installation and Monitoring* report on the referenced property. The report outlines the installation of 4 shallow groundwater wells and the subsequent testing for the heavy metal arsenic in accordance with discussions with Chuck Cline at the Washington State, Department of Ecology. The report outlines the analytical results for "total" and "dissolved" arsenic in groundwater. Based upon laboratory results, "total" arsenic ranged from about 9 micrograms per liter (ug/L) to 71 ug/L. Based upon laboratory results, "dissolved" arsenic was not detected. The current MTCA, Method A Cleanup Level for arsenic in groundwater is 5 ug/L.

We recommend the report be forwarded to Chuck Cline for his/their assessment and comments prior to proceeding any further with this project. Please contact me if you have any questions.

Sincerely,

Steven J. Salter
Environmental Consultant

Enc.

Note: The work and laboratory analysis were completed on "rush" basis to accommodate your purchase and sale agreement schedule. Rush charges will be assessed.

City of Fife

www.cityoffife.org

Mayor
Mike Kelley, Sr.

Council
Richard Godwin
Barry Johnson
Kory Edwards
Rob Cerqui
Marlene Patton
Kim Roscoe

William J. Malinen
City Manager

Loren Combs
City Attorney

Steve Worthington
Community Development Director

Michael Lafreniere
Parks, Recreation & Community Services Director

Marlyn Campbell
City Clerk/Treasurer & Finance Director

Robert J. DeGroot
Police Chief

Russ Blount
Public Works Director & City Engineer

Public Works
3725 Pacific Hwy. E.
Fife, WA 98424-1135
(253) 922-9315

J.M. Paulson Criminal Justice Center
3737 Pacific Hwy. E.
Fife, WA 98424-1135
(253) 922-0633

Fife Community Center
2111 - 54th Ave. E.
Fife, WA 98424-2061
(253) 922-0900

Fife Swim Center
5410 - 20th Street E.
Fife, WA 98424
(253) 922-7665

City Hall
5411 - 23rd St. E.
Fife, WA 98424-2061
(253) 922-2489
Fax: (253) 922-5355

FACSIMILE TRANSMITTAL SHEET

City Hall Fax: (253) 922-5355

Date: 12-6-04

To: Chuck Kline

Company: DOE

Fax Number: 360-407-6305

From: Bev Boyle

This transmission consist of 2 pages, including this transmittal sheet.

Comments: Thanks - Bev

Please contact me at (253) 922-2489 if all pages were not received or if you have any questions regarding this transmission.

City of Fife

www.cityoffife.org

Mayor
Mike Kelley, Sr.

Council
Walt Fietz
Barry Johnson
Kory Edwards
Joe Rozenski
Mardene Patton
Kim Roscoe

William J. Malinen
City Manager

Loren Combs
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Parks, Recreation &
Community Services
Director

Marlyn Campbell
City Clerk/Treasurer &
Finance Director

Robert J. DeGroot
Police Chief

Russ Blount
Public Works Director &
City Engineer

Public Works
3725 Pacific Hwy. E.
Fife, WA 98424-1135
(253) 922-9315

Criminal Justice Center
3737 Pacific Hwy. E.
Fife, WA 98424-1135
(253) 922-6633

Fife Community Center
2111 - 54th Ave. E.
Fife, WA 98424-2061
(253) 922-0900

Fife Swim Center
5410 - 20th Street E.
Fife, WA 98424
(253) 922-7665

City Hall
5411 - 23rd St. E.
Fife, WA 98424-2061
(253) 922-2489
Fax: (253) 922-5355

November 22, 2004

Kevin Carl
1701 Alexander Avenue East
Fife, WA 98424

SUBJECT: Hometel Inn Motel Site
3520 Pacific Highway East, Fife, WA

Dear Mr. Carl:

On November 9, 2004, city staff met with yourself, your real estate agent, and Steven Salter, Environmental Consultant for Environmental Hazards Control. Mr. Salter explained that site work was performed on the referenced property to determine if the heavy metal arsenic was present in shallow groundwater. The sampling was intended to assess potential contamination across the property by advancing borings and sampling soils near the 5 previous boring locations and 1 additional boring location. The result of the borings showed that arsenic and chromium were not detected in any of the soil samples submitted.

City staff reviewed this subsurface investigation in relationship to the property at 3520 Pacific Highway East. It has been determined that the property will be subject to the standard requirements for development within the City of Fife. Any future development of this site will be reviewed under normal State Environmental Protection Agency (SEPA) requirements.

Should you have further questions, please contact me at (253) 922-9625, Ext. 15.

Sincerely,

Beverly J. Boyle

Beverly J. Boyle
Associate Planner

cc: File
Correspondence

November 16, 2004

Kevin Carl
1701 Alexander Avenue East
Fife, WA 98424

SUBJECT: Hometel Inn Motel Site
3520 Pacific Highway East, Fife, WA

Dear Mr. Karl:

On November 9, 2004, city staff met with yourself, your real estate agent, and Steven Salter, Environmental Consultant for Environmental Hazards Control. Mr. Salter explained that site work was performed on the referenced property to determine if heavy metal arsenic was present in shallow groundwater. The sampling was intended to assess potential contamination across the property by advancing boring and sampling soils near the 5 previous boring locations and 1 additional boring location. The result of the borings showed that arsenic and chromium were not detected in any of the soil samples submitted.

City staff reviewed this subsurface investigation in relationship to the property at 3520 Pacific Highway East. It has been determined that the property will be subject to the standard requirements for development within the City of Fife. Any future development of this site will be reviewed under normal State Environmental Protection Agency (SEPA) requirements.

Should you have further questions, please contact me at (253) 922-9625, Ext. 15.

Sincerely,

Beverly J. Boyle
Associate Planner

cc: File
Correspondence

Environmental Hazards Control
36526-3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

RECEIVED
DEPT. OF ECOLOGY/SWRO
'04 NOV 19 A11:21

November 16, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: 3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Based upon our meeting with the City of Fife last week, here is the type of letter we propose they draft to you:

The City of Fife, Building and Land-Use Divisions have reviewed the soil and groundwater studies published to date on the referenced properties. It is our understanding shallow groundwater contains the heavy metal arsenic above the current Model Toxics Control Act (MTCA), Method A Cleanup Level for Groundwater of 5 microgram per liter. Based upon the study information, the source of the arsenic in groundwater does not appear to be from an on site source and may vary well be a problem in the general area. And, we understand the Washington State, Department of Ecology - Southwest Region, has been notified of the condition.

Given the conditions outlined, and your proposed use of the site as a parking lot for the sale of recreational vehicles and/or automobiles, we do not foresee any restrictions concerning the future development and/or use of the property as it pertains to environmental issues. Additionally, we do not see any issues of concerns that would hinder the redevelopment of the referenced property. Therefore, we anticipate a standard permit and review process that is customary to all commercial projects located within the City of Fife.

Sincerely,

City of Fife Official, Title
City of Fife, Washington

Please contact me if you have questions.

Sincerely,

Steven J. Salter
Environmental Consultant

Ehc.word.HometelInnSoilStudy10-2004

ashington State Department of Ecolog
Toxics Cleanup Program

Voluntary Cleanup Program Site Log

SITE LOG FOR FISCAL YEAR 2005 (July 1, 2004-June 30, 2005)
Site Log #2

Site Name Hometel Motor Inn site, Fife **Site ID: SW0601**

SIC: Non-LUST J1C55 X **Month(s): August** **Year 2004**
LUST J1C61
Sediments J1J40

Name: Chuck Cline **Category: 7** **Rate/Hr.$97.00**

Date	Hours	Rate	Amount	Activity Description
8/3/2004	3	$97	$291	Write opinion letter
	3.0		$291	Total

Verified
KC 8/13
Bill Intern

Employee's Signature_____ HometelMotorInn#2.XLS Date: 8/4/2004

WASHINGTON STATE DEPARTMENT OF ECOLOGY

WASHINGTON STATE
DEPARTMENT OF ECOLOGY

RECEIPT 203339

DATE 8/24/04

RECEIVED FROM ROD A. GIFFELS

Four hundred and twenty two dollars DOLLARS $422.00

FUND:
General ..... UST TCP ..... WWD ..... Other ..... Cash .....

LOCATION: SWRO

Check # 6593

MO # .....

PURPOSE: VCP, NON-LUST, INVOICE PAYMENT, TCP ID # SWD601

By Maureen Garrett

Thank You

010-144

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 ◦ Olympia, Washington 98504-7775 ◦ (360) 407-6300

CERTIFIED MAIL

August 13, 2004

Mr. Rod Giffels
GVA Kidder Mathews
1201 Pacific Avenue, #1400
Tacoma, WA 98402

Dear Mr. Giffels:

RE: The Hometel Motor Inn Site, located at 3520 Pacific Highway E., Fife, Washington

This letter is written in response to your request to provide a no-further-action (NFA) letter for the Hometel Motor Inn site, located at 3520 Pacific Hwy E., Fife, Washington. Besides a **Phase I Environmental Site Assessment** (NVL Laboratories, June 25, 2002), two studies have been conducted on this site; one by Robinson & Noble/Saltbush Environmental Services in April 2004 (**Fife, Washington Phase I and Limited Phase II Environmental Site Assessment**), and one by Environmental Hazards Control (EHC) [**Subsurface Investigation, 3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)**] in June 2004. The Robinson & Noble study was initiated by the Puyallup Indian Tribe to evaluate both the Hometel and adjacent casino properties. Petroleum hydrocarbons were detected on the casino property, but not on the Hometel site. Neither study found petroleum hydrocarbons on the Hometel property. However, metals were detected in the ground water above the Model Toxics Control Act (MTCA) Method A cleanup levels. Arsenic, chromium and lead were found in the ground water in the earlier study and arsenic in the last study. Ground water was encountered at a depth of between 2.5 ft and 4.5 ft below ground surface (bgs). Unfortunately, because these metals have been found in the ground water above the MTCA cleanup levels, it is not possible to provide an NFA letter for the Hometel Motor Inn site, at this time. However, it could be possible to obtain an NFA letter for this site if certain additional work is conducted at this site. The following options are available to you and your clients:

1. Documentation should be provided for the soils located in the vadose zone (above the water table) to determine that the site is or is not a source for the metals contamination detected in the ground water. The fill material for this site may be

a source of metals and it should be characterized as completely as possible.

2. The ground water should be sampled to obtain analyses for metals (including arsenic, chromium and lead). Both dissolved and total fractions samples should be obtained. Wells should be constructed to determine whether elevated levels of metals are entering the property from off property and/or leaving the property down gradient. Depending on whether contaminants of concern are detected, additional samples may be required. If constituents are detected in the ground water, monitoring will be necessary to provide assurance that the concentrations remain below model toxics control act (MTCA) regulatory levels for four continuous quarters. An NFA letter could be issued once it is determined that ground water and soils is not causing harm to human health or the environment.

3. If it is possible to determine that the metals contamination in the ground water is an area wide issue, it may be possible to place a restrictive covenant on the ground water. However, because your property may be part of an area-wide site, Ecology may not be able to provide an NFA letter, but rather would provide an opinion letter. The property would be defined as part of a greater area defined by the arsenic ground-water plume and resolution would not occur until all of the greater area had been addressed as a formal cleanup (Agreed Order or Consent Decree). Generally, the criteria to placing a restrictive covenant on ground water are that the water is not being consumed on site and concentrations above MTCA regulatory cleanup levels are not leaving the property. However, should an area-wide contamination problem be determined, as part of the remedy selection, Ecology may approve an area-wide conditional point of compliance. "The area-wide conditional point(s) of compliance shall be as close as practicable to each source of hazardous substances, not to exceed the extent of ground water contamination at the time the department approves an area-wide conditional point of compliance. This provision may be applied only at areas that are affected by hazardous substances released from multiple sources that have resulted in commingled plumes of contaminated ground water that are not practicable to address separately. A site may have more than one area-wide conditional point of compliance to address multiple sources and types of contaminants. An area-wide conditional point of compliance may be approved under this provision only if all of the following conditions have been met:

   (A) The person conducting the cleanup action has complied with WAC 173-340-350 through 173-340-390, including a demonstration that it is not practicable to meet a point of compliance throughout the ground water contamination within a reasonable restoration time frame.

   (B) A plan has been developed for implementation of the cleanup action,

including a description of how any necessary access to the affected properties will be obtained.

(C) If the contaminated ground water is considered to be potable under WAC 173-340-720(2), current developments in the area encompassed by the area-wide conditional point of compliance and any other areas potentially affected by the ground water contamination are served by a public water system that obtains its water from an offsite source and it can be demonstrated that the water system has sufficient capacity to serve future development in these areas. This demonstration may be made by obtaining a written statement to this effect from the water system operator.

(D) All property owners, tribes, local governments, and water purveyors with jurisdiction in the area potentially affected by the ground water contamination, have been mailed a notice of the proposal to establish an area-wide conditional point of compliance and provided an opportunity to comment. The notice shall specifically ask for information on existing and planned uses of the ground water. The notice shall be in addition to any notice provided under WAC 173-340-600. The department will give greater weight to information based on an adopted or pending plan or similar preexisting document. When the department is providing technical assistance under WAC 173-340-515, the department shall also provide an opportunity to comment to the public through the *Site Register* before issuing a written opinion.

(E) Other conditions as determined by the department on a case-by-case basis. [WAC 173-340-720(8)(d)(iii)]

Please note that because your actions were not, or will not be conducted under a consent decree with Ecology, this letter is written pursuant to RCW 70.105D.030(1)(i) and does not constitute a settlement by the state under RCW 70.105D.040(4) and is not binding on Ecology.

The opinions presented by Ecology in this letter are made with respect to the information provided in the documents listed above. This opinion is only applicable to the specified site (or portion of the site) and may not be used to justify action at any other site (or portion of the site) nor any other properties owned or operated by Star Lodging of the Northwest, Mr. Amrit Pal Singh or their representatives.

The State, Ecology, and its officers and employees are immune from all liability and no cause of action of any nature may arise from any act or omission in providing this determination.

If you have any questions about any of the information presented in this letter, please contact me at (360) 407-6267.

Sincerely,

Charles S. Cline
Toxics Cleanup Program
Southwest Regional Office

CSC/ksc:HometelMotorInnOpinion

cc: Mr. Amrit Pal Singh, Star Lodging of the Northwest, LLC
Ms. Sharon Bell, Tacoma-Pierce County Health Dept.
Trish Akana, Department of Ecology (SW0601)

SWRO
VCP SITE REVIEW SUMMARY

Part I: Site Checklist

Site Name: Hometel Inn Motel site, Fife **VCP Number: SW0601**

Priority: ☒ **High** (pending property transaction, bank loan, etc.)
☐ **Normal**

☐ **Final NFA** (attach draft NFA/opinion letter and previous interim NFA letter and/or opinion letter(s))

☐ **Interim NFA** ☒ **Opinion Letter** ☐ **Other**

Was technical assistance provided?
☐ **No (received VCP application/cleanup report after cleanup completed)**
☒ **Yes (If yes, then check box(s) below that apply)**
☒ **before cleanup activities**
☐ **during cleanup activities**
☐ **after cleanup activities**

☐ Yes ☒ No **Is this an UST/LUST site?**

☐ Yes ☒ No **If so, has the LUST database manager been notified?**

☐ Yes ☒ No **Is the site ranked? If yes, what is its rank: (1-5)?**

☐ **EEOS notified of pending delisting (only if site is ranked)?**
☐ **Public notice completed for delisting?**

☒ Yes ☐ No **Coordination with Local Government/County Health Department?**

☒ Yes ☐ No **Is this site in the Tacoma Smelter Plume area?**

☒ Yes ☐ No **Has Site owner been notified of potential for arsenic/lead contamination?**
This site is adjacent to Atlas Foundry site. Potential contamination is metals (As, Pb, etc.)

☐ Yes ☒ No **Does the cleanup meet substantive requirements of MTCA?** Example: Required reports (e.g., RI/FS, CAP, Sampling and Analysis plan, etc..)need not be the same in title or format; however, the documents must still contain sufficient information to serve the same purpose. The scope and level of detail in these documents may vary from site to site depending on the site specific conditions and the complexity. **The site has not been fully characterized and has been determined to be possibly impacted with metals contamination, primarily in the ground water. This could be a sitewide issue, not necessarily as a result of the Asarco Plume/Tacoma Smelter Plume. The opinion letter will be necessary to address the options that are possible to obtaiu an NFA for this site and the restrictions that may be placed on the property.**

☐ Yes ☒ No **Has site (anywhere contamination has come to be located) been fully characterized (all media)?** The soils will need to be evaluated to determine that the metals in the ground water are not a localized problem stemming from the site, either from the fill materials or some other anthropogenic localized source. The ground water will need to be evaluated to determine that dissolved metal contamination is not coming onsite. If this is a sitewide issue, there may not be anything that can be done to remediate the ground water. A restrictive covenant would be necessary for the ground water.

☐ Yes ☐ No **Does contamination remain on-site (definition of "site/facility") after cleannp?**

☒ Yes ☐ No **Restrictive covenants/deed restrictions /institutional controls required?** This would be one of options.

☐ Yes ☒ No **Has a filed restrictive covenant been received and entered into database?**

☒ Yes ☐ No **Site logs submitted to VCP data manager?**

Part II: Cleanup/Decision Summary

1. **Site Description (include site address (street, city, county), physical description, current and historical uses of site, etc.):** The Hometel Inn Motel site is located at 3520 Pacific Highway E., Fife, Washington in Pierce County. It is located within the city limits of Fife, in the Commencement Bay/Port of Tacoma neighborhood in the NE ¼ of Section 11, Township 20 North, Range 3 East; Parcel number 0320111049. The site is bounded by the Econo Lodge and Pacific Hwy East on the north, and Interstate 5 Freeway on the south, and commercial establishments to the east and west, including Freddie's Casino immediately to the west and Trans-Pacific Trade Center office building and Lindal Homes and model log houses to the east. There are three separate structures, referred to as the North Wing, East Wing and South Wing, at the site. A large portion of the site is covered by asphalt paved parking, courtyard, landscape areas and planters. Aerial photos that were used for the Phase I review indicated that in 1946 land use was primarily agricultural. The 1969 and 1979 photos indicate that the structures were similar to that shown today and by 1969 Interstate 5 was also apparent. By 1985, the Econo Lodge structure was also apparent. Prior to 1980, the Hometel Inn Motel site was occupied by the Holiday Inn Motel. The nearest natural water bodies are the Puyallup River, located to the south and west of the site, and Commencement Bay, located to the north of the site. Ground water was encountered at between 2.5 and 4 ft bgs. Two studies were conducted on the site: Robinson & Noble/Saltbush Environmental Services in April 2004 and Environmental Hazards Control (EHC) in June 2004. The Robinson and Noble study was initiated by the Puyallup Indian Tribe to evaluate both the Hometel and Casino properties. Petroleum hydrocarbons were found on the Casino site but not the Hometel site. Neither study found petroleum hydrocarbons on the Hometel Inn Motel site. However, metals were detected in the ground water above Method A cleanup levels. Arsenic, chromium and lead in the earlier study and arsenic in the last study. The metals contamination may be a site wide problem, but this will need to be determined.

2. **Describe affected media (soil, groundwater, surface water, sediment, air):** Ground water is apparently contaminated with chromium, arsenic and lead above Method A ground-water cleanup levels. Soils may not be contaminated. However, this may need to be investigated further.

3. **Cleanup method used:**

   ☒ **Method A**
   ☐ **Method B**
   ☐ **Method C**

4. **Describe cleanup activities (for each media) and if contamination remains on-site (including confirmational sampling/analysis, points of compliance, etc...):** Ground water will need to BE addressed, either by characterization or remediation. It is possible that a restrictive covenant may be required for the ground water.

5. **Describe restrictive covenant (e.g., contamination remains under structure, groundwater restrictions, 5-year review):**

Site Manager	8/12/04 **Date**
VCP Coordinator	8/12/04 **Date**
Unit Manager	8-12-04 **Date**
FOR REBECCA LAWSON **Section Manager**	8-12-04 **Date**

Washington State Department of Ecology
Toxics Cleanup Program

Voluntary Cleanup Program Site Log

SITE LOG FOR FISCAL YEAR 2005 (July 1, 2004-June 30, 2005)

Site Log #2

Site Name Hometel Motor Inn site, Fife **Site ID: SW0601**

SIC: Non-LUST J1C55 X **Month(s):** August **Year 2004**
LUST J1C61
Sediments J1J40

Name: Chuck Cline **Category:** 7 **Rate/Hr.** $97.00

Date	Hours	Rate	Amount	Activity Description
8/3/2004	3	$97	$291	Write opinion letter
	3.0		$291	Total

Employee's Signature Charles Cline HometelMotorInn#2.XLS Date: 8/4/2004

/ashington State Department of Ecolog,
Toxics Cleanup Program

Voluntary Cleanup Program Site Log

SITE LOG FOR FISCAL YEAR 2005 (July 1, 2004-June 30, 2005)

Site Log #1

Site Name Hometel Motor Inn site, Fife **Site ID: SW0601**

SIC: Non-LUST J1C55 X **Month(s): July** **Year 2004**
LUST J1C61
Sediments J1J40

Name: Chuck Cline **Category: 7** **Rate/Hr.$97.00**

Date	Hours	Rate	Amount	Activity Description
7/27/2004	3	$97	$291	Review and write site summary
7/28/2004	3.5	$97	$340	Continue writing site summary
	6.5		$631	Total

Verified
KC
8/13
Bill Intern

Employee's Signature_____ HometelMotorInn#1.XLS Date: 8/4/2004

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

July 29, 2004

Mr. Armit Pal Singh
Star Lodging of the NW
1656 Kirkland Court SE
Renton WA 98058

Dear Mr. Singh:

Your complete application for the Voluntary Cleanup Program was received on July 22, 2004. The purpose of this letter is to acknowledge receipt of your application and to provide you with the name of the Site Manager assigned this review.

Site Name: Hometel Inn
Site Manager: Chuck Cline
VCP Identification Number Assigned: SW0601

Our database has been updated to reflect your participation in the Voluntary Cleanup Program. If you have any questions your Site Manager can be reached at 306-407-6267 Thank you for your commitment to the environment and the Voluntary Cleanup Program.

Sincerely,

Kim Cross

Kim Cross
Voluntary Cleanup Program Data Manager
Southwest Regional Office
Toxics Cleanup Program
(306) 407-6240

ksc:VCP ACK Letter 071404

cc: Mr. Rod Giffels, GVA Kidder Mathews Real Estate
Chuck Cline, SWRO VCP Coordinator
Trish Akana, Toxic Cleanup Program, HQ

GVA Kidder Mathews
Worldwide Real Estate Solutions

1201 Pacific Avenue, Suite 1400
Tacoma, Washington 98402
Tel: 253.383.5693
Fax: 253.572.2648
www.gvakm.com

RECEIVED
DEPT OF ECOLOGY/SWR
'04 JUL 19 P1:13

July 14, 2004

Washington State Department of Ecology
300 Desmond Drive
Lacey, WA. 98503
Att: Chuck Cline

Re: Subsurface Investigation
Hometel Inn Motel
3520 Pacific Hwy. East
Fife, WA.
TCP ID# SW 0601

Dear Mr. Cline:

As per the original cover letter, the owner is asking for a NFA letter, based on the conclusions reached in the report issued by Environmental Hazards Control. We have included all available reports, as detailed on page two (documentation) of your Voluntary Cleanup Program Form. Some information requested in your forms does not apply to our situation. Information requested on page four is covered in detail in the EHC report.

I did find two typographical errors on the first page of the EHC report (correct date of report is June 25, 2004 and the correct address is 3520 Pacific Hwy East). I requested a corrected page from EHC, which I am including along with the forms provided by you.

Mr. Singh, the managing partner of Star Lodging has asked me to fill out the paperwork and serve as the contact person. If visits to the site are required, please contact me so we can manage the times (the manager is not aware of the sale and ownership wishes to keep it that way until we know that the sale will be finalized). Thanks for your help and cooperation.

Sincerely,

Rod Giffels
Sales Representative

Voluntary Cleanup Program

Washington State Department of Ecology – Toxics Cleanup Program

WASHINGTON STATE DEPARTMENT OF ECOLOGY

SITE SUMMARY

This form is a required component of your request for assistance under the Voluntary Cleanup Program. Please include it with your application, consultation fee, and terrestrial ecological evaluation form (if applicable).

WHICH OF THE FOLLOWING APPLY TO YOUR SITE?

Clear

- ☐ You are requesting assistance on a planned cleanup. * We are requesting a VFA
- ☐ You are requesting assistance on an ongoing cleanup.
- ☐ You are requesting review of a completed cleanup.

Yes FS#: 6088860

PERSON/ORGANIZATION MAKING REQUEST FOR ASSISTANCE

Name: Star Lodging of The Northwest/ Managing partner			
Firm: Amrit Pal Sing			
Mailing address: 1656 Kirkland Court SE			
City: Renton	State: WA	Zip code: 98058	
Telephone number: 206 941-7766	Fax number: 425 204-7766	E-mail address:	

WHICH BEST DESCRIBES YOUR INVOLVEMENT AT THIS SITE (CHECK AS MANY THAT APPLY)

Current Owner	Former Owner	Potential Purchaser	Current Operator	Former Operator	Environmental Consultant	Attorney	Insurance Carrier	Other
✓								

If other, please specify:

SITE IDENTIFICATION

Name of site: 3520 Pacific Hwy E

Alternative name(s) for site: Hometel Inn

Site address: 3520 Pacific Hwy E

City: Fife State: WA Zip code: 98424 County: Pierce UBI Number:

Township:	Range:	Section:	Quarter-Quarter:
Latitude:	Degrees:	Minutes:	Seconds:
Longitude:	Degrees:	Minutes:	Seconds:

What method did you use to calculate latitude and longitude?

How many acres is the site? 5.22 Acres

Property type? Commercial ☑ Industrial ☐ Residential ☐ Other ☐ Please specify:

Is the property currently being used? Yes

Are there plans for change in use? Not at this time If yes, please specify:

STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES

Please list all that apply. If you do not know the SIC code(s), list the activities conducted at the site (i.e. automotive repair and maintenance, construction equipment storage, etc.)

Motel

TANK INFORMATION

Please complete the table below for all above ground tanks (AST) and underground storage tanks (UST) existing or formerly existing on the property, including unregulated tanks.

TANK ID	AST/UST	SIZE	WAS FREE PRODUCT ENCOUNTERED?		IN EXCAVATION	**TANK STATUS
			*PRODUCT	ON GW		

** Unleaded, leaded diesel, bunker-C, waste oil, heating oil, aviation fuel, other (please identify)*
***Left in-place, removed, closed-in-place*

SITE MAPS

Please include an area map that shows the general location of the site (mark the site location) and a site diagram that shows sampling and well locations. Pls refer to EHC Report (Maps and Drawings)

DANGEROUS WASTE FACILITIES

Does the facility have a dangerous waste identification (WAD) number? Not to our knowledge

If yes, please specify.

SITE ASSESSMENT OR SITE REMEDIATION WORK COMPLETED TO-DATE

Has site assessment work been completed at the site?	Yes
If yes, when? 6/25/04	Were the results reported to Ecology? Yes
Has site cleanup work been conducted at the site?	No
If yes, when?	Were the results reported to Ecology?
Does contamination remain on-site after cleanup?	
If yes, please describe the contamination?	

DOCUMENTATION

Please list all known assessment and/or cleanup reports completed for the site. Include the title of the report, the name of the consulting firm that did the work, and the year it was completed.

TITLE	CONSULTING FIRM	DATE
Phase I Environmental Site Assessment	NVL Laboratories	June 25, 2002
* Phase I and Limited Phase II Environmental Site Assessment	Robinson Noble and Saltbush Environmental Services	April, 2004
* Third party reports not available to owner. A portion of the phase II report has been included in the EHC report.		
Subsurface Investigation	E.H.C.	June 25, 2004
Wetlands Report Included in E.H.C. report. No wetlands reported.	Russell & Associates	May 12, 2003

AFFECTED MEDIA & CONTAMINANTS

Please list the known or suspected contaminants at the site prior to cleanup. Mark the appropriate medium (such as soil) with "C" (confirmed and above Model Toxics Control Act (MTCA) cleanup standards), "B" (confirmed but below MTCA standards), "S" (suspected), "N/A" (not applicable), "O" (tested and not present), "U" (unknown).

CONTAMINANT	SOIL	GROUND WATER	SURFACE WATER	AIR	SEDIMENT	DRINKING WATER	DATE OF RELEASE (IF KNOWN)
Example: Lead	**C**	**S**	**S**	**U**	**S**	**S**	**1967-82**
Please refer to		EHC	report				

METHODS & TREATMENT TECHNOLOGIES USED AT SITE

Please check all applicable boxes that apply to your site.

CLEANUP METHOD USED	SOIL	GROUND WATER	SURFACE WATER	DRINKING WATER	AIR	SEDIMENTS
Method A						
Method B						
Method C						
TREATMENT TECHNOLOGY USED	**SOIL**	**GROUND WATER**	**SURFACE WATER**	**DRINKING WATER**	**AIR**	**SEDIMENTS**
Air Sparging/Air Stripping						
Bioventing						
Capping (asphalt, concrete, topsoil, RCRA cover, soil-clay, synthetic membrane)						
Carbon Adsorption						
Containment On-Site						
Containment Off-Site						
Free-product Recovery						
In Situ Chemical Oxidation						
Natural Attenuation (dilution, volatilization, biodegradation, adsorption)						
Permeable Reactive Barriers						
Phytoremediation						
Soil Flushing						
Soil Vapor Extraction						
Thermal Desorption						
Other (please specify)						

AFFECTED MEDIA & CONTAMINANTS AFTER CLEANUP

Please list the contaminants from the . on page 4 and list their status after clean. Mark the appropriate medium (such as soil) with "C" (confirmed and above Model Toxics Control Act (MTCA) cleanup standards but contained), "B" (confirmed but below MTCA standards), "R" (remediated and below MTCA standards), "N/A" (not applicable), "O" (tested and not present), "U" (unknown) to reflect the status after cleanup.

CONTAMINANT	SOIL	GROUND WATER	SURFACE WATER	AIR	SEDIMENT	DRINKING WATER
Example: Lead	**R**	**O**	**B**	**U**	**B**	**O**

DRINKING WATER & AQUATICS INFORMATION

Are there any drinking wells within ½ mile of the site? If yes, how many?
Was a drinking water system affected? If yes, was an alternate drinking water source provided?
Was the affected drinking water system public, private, or both?
Are there any creeks, streams, ponds, wetlands, or shorelands on or adjacent to the site? Within ¼ mile of the site?
If yes, where are they located?
Were they impacted by the contamination from the site?

INSTITUTIONAL CONTROLS (. RESTRICTIVE COVENANT, ENG EERED CONTROLS, FENCING)

Were institutional controls used at the site? If yes, please specify. Pls refer to EHC report

OWNER/OPERATOR HISTORY

Please complete as many of the below boxes as possible. For type of owner/operator, please use the following codes: (1) Private, (2) Municipal, (3) County, (4) Federal, (5) State, (6) Tribal, (7) Mixed, (8) Other, (9) Unknown, (10) Public Entitle Acquisition via Bankruptcy.

Current site owner: Star Lodging of The Northwest	Type: 1	
Street address: 1656 Kirkland Court SE		
City: Renton	State: WA	Zip code: 98058
Contact person (if different than owner listed above): Rod Giffels GVA Kidder Mathews		
Street address: 1201 Pacific Ave		
City: Tacoma	State: WA	Zip code: 98402
Phone (253) 274-4932	Fax: (253) 572-2648	E-mail address: rgiffels@gvakm.com
Date of ownership: 10/98 to present		

Current operator: Star Lodging of the Northwest	Type: Motel 1	
Street address: same as owner		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of operation: to		

Former site owner:	Type:	
Street address:		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of ownership: to		

Former operator:		Type:
Street address:		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of ownership:	to	

Environmental consultant:		Type:
Representing:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:

SITE CONTACT PERSON (IF OTHER THAN OWNER/OPERATOR)

This is someone who is available during normal working hours and has knowledge about the site and the activities conducted at the site.

Name: Rod Giffels		
Relation to site owner/operator: Real Estate agent		
Firm: GVA Kidder Mathews		
Street address: 1201 Pacific Ave Suite 1400		
City: Tacoma	State: WA	Zip code: 98402
Phone: 253 274-4932	Fax: 253 572-2648	E-mail address: rgiffels@gvakm.com
Date of involvement with site: 3/02 to present		

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Publication #020-73 (revised 7/02)

Ecology is an Equal Opportunity and Affirmative Action employer.

Voluntary Cleanup Program

Washington State Department of Ecology – Toxics Cleanup Program

WASHINGTON STATE DEPARTMENT OF ECOLOGY

TERRESTRIAL ECOLOGICAL EVALUATION EXCLUSION

Some contaminated sites are excluded from conducting a Terrestrial Ecological Evaluation. If your site meets the criteria for exclusion as described in WAC 173-340-7491, please complete this form.

SITE NAME_____

SITE ADDRESS_____

REASONS FOR EXCLUSION:

A site is eligible for exclusion if it meets any of the following criteria:

1. POINT OF COMPLIANCE WAC 173-340-7491(1)(A)

- All contamination is below 15 feet. ☐
- All contamination is below six feet and an institutional control has been implemented, as required by WAC 173-340-440. ☐
- All contamination is below a site-specific point of compliance established in compliance with WAC 173-340-7490(4)(b) with an institutional control implemented as required by WAC 173-340-440. ☐

  Please provide documentation that describes the rational for setting a site-specific point of compliance.

2. BARRIERS TO EXPOSURE WAC 173-340-7491(1)(B)

- All contaminated soil is or will be covered by physical barriers that prevent exposure to plants and wildlife and an institutional control has been implemented, as required by WAC 173-340-440. ☐

  An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

3. UNDEVELOPED LAND WAC 173-340-7491 (1)(C)

- There is less than one-quarter acre of contiguous undeveloped land on or within 500 feet of any area of the site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene. ☐

- For sites not containing any of the chemicals mentioned above, there is less than one-and-a-half acres of contiguous undeveloped land on or within 500 feet of any area of the site. ☐

[redacted]

4. BACKGROUND CONCENETRATIONS WAC 173-340-7491 (1) (D)

- Concentrations of hazardous substances in soil do not exceed background levels as described in WAC 173-340-709. ☐

* Refer to June, 2004 Report

Voluntary Cleanup Program

[redacted]

Washington State Department of Ecology – Toxics Cleanup Program

TCP ID# SW 0601

APPLICATION TO REQUEST ASSISTANCE

This application is for individuals requesting assistance from the Voluntary Cleanup Program to plan, conduct, or evaluate an independent cleanup. The applicant may be a site owner, former site owner, site operator, or consultant on behalf of the owner or operator.

Please answer the following questions to the best of your knowledge. FS#: 6088860 Cline

Have you discussed this site with an Ecology representative? Yes

If yes, what is that person's name? Chuck Cline

What is the approximate date? 7/13/04

Has Ecology already received reports or records pertaining to this site? Phase I + Phase II reports

If yes, what do they pertain to?

Is this a leaking underground storage tank site? No

Is this site a Brownsfield? No

(Brownfields are properties that are abandoned or underused because of environmental contamination from past industrial or commercial practices).

Vendered PC 7/29

APPLICANT COMPLETES THIS SECTION (NOTE: THE APPLICANT IS RESPONSIBLE FOR ALL BILLINGS.)

Applicant Name Star Lodging of the NW Phone 206 941-7766

Applicant Address 1656 Kirkland Court SE

City Renton State WA Zip Code 98058

Site Name Homefel Inn Alternate Name

Site Address 3520 Pacific Hwy East

City Fife State WA Zip Code 98424 County Pierce

Site Owner Name Star Lodging of The Northwest Llc

Site Owner Address 1656 Kirkland Court SE Phone 206 941-7766

City Renton State WA Zip Code 98058

I, Amrit Pal Singh, request the assistance of the Department of Ecology. With this application, I have enclosed an initial deposit of $500. I understand this payment is the equivalent of approximately (5) hours of staff review on the cleanup of my contaminated site. If total charges exceed $500, I will be billed and will pay the remaining balance. Any excess payments will be refunded to me.

Amrit Pal Singh 7/13/04

Signature of Applicant Date

Publication #020-74 (revised 7/02) TCP ID # SW 0601

Lat: 47 14 5.79

Long: 122 23 6.4

GVA Kidder Mathews
Worldwide Real Estate Solutions

1201 Pacific Avenue, Suite 1400
Tacoma, Washington 98402
Tel: 253.383.5693
Fax: 253.572.2648
www.gvakm.com

Facsimile Cover Sheet

To:	Chuck Cline
Company:	
Phone:	
Fax:	360 407-6305
From:	Rod Giffels
Company:	GVA Kidder Mathews
Phone:	253.274.4932
Fax:	253.572.2648
Date:	7/14/04
Pages including this cover page:	15

Comments:

GVA Kidder Mathews
Worldwide Real Estate Solutions

1201 Pacific Avenue, Suite 1400
Tacoma, Washington 98402
Tel: 253.383.5693
Fax: 253.572.2648
www.gvakm.com

July 14, 2004

Washington State Department of Ecology
300 Desmond Drive
Lacey, WA. 98503
Att: Chuck Cline

Re: Subsurface Investigation
Hometel Inn Motel
3520 Pacific Hwy. East
Fife, WA.
TCP ID# SW 0601

Dear Mr. Cline:

As per the original cover letter, the owner is asking for a NFA letter, based on the conclusions reached in the report issued by Environmental Hazards Control. We have included all available reports, as detailed on page two (documentation) of your Voluntary Cleanup Program Form. Some information requested in your forms does not apply to our situation. Information requested on page four is covered in detail in the EHC report.

I did find two typographical errors on the first page of the EHC report (correct date of report is June 25, 2004 and the correct address is 3520 Pacific Hwy East). I requested a corrected page from EHC, which I am including along with the forms provided by you.

Mr. Singh, the managing partner of Star Lodging has asked me to fill out the paperwork and serve as the contact person. If visits to the site are required, please contact me so we can manage the times (the manager is not aware of the sale and ownership wishes to keep it that way until we know that the sale will be finalized). Thanks for your help and cooperation.

Sincerely,

Rod Giffels

Rod Giffels
Sales Representative

Voluntary Cleanup Program

Washington State Department of Ecology – Toxics Cleanup Program

TCP ID# SW 0601

[redacted]

This application is for individuals requesting assistance from the Voluntary Cleanup Program to plan, conduct, or evaluate an independent cleanup. The applicant may be a site owner, former site owner, site operator, or consultant on behalf of the owner or operator.

Please answer the following questions to the best of your knowledge.

Have you discussed this site with an Ecology representative? Yes

If yes, what is that person's name? Chuck Cline

What is the approximate date? 7/13/04

Has Ecology already received reports or records pertaining to this site? Phase I + Phase II reports

If yes, what do they pertain to?

Is this a leaking underground storage tank site? No

Is this site a Brownfield? No

(Brownfields are properties that are abandoned or underused because of environmental contamination from past industrial or commercial practices).

APPLICANT COMPLETES THIS SECTION (NOTE: THE APPLICANT IS RESPONSIBLE FOR ALL BILLINGS.)

Applicant Name Star Lodging of the NW Phone 206 941-7766

Applicant Address 1656 Kirkland Court SE

City Renton State WA Zip Code 98058

Site Name Homefel Inn Alternate Name

Site Address 3520 Pacific Hwy East

City Fife State WA Zip Code 98424 County Pierce

Site Owner Name Star Lodging of The Northwest Llc

Site Owner Address 1656 Kirkland Court SE Phone 206 941-7766

City Renton State WA Zip Code 98058

I, Amit Pal Singh, request the assistance of the Department of Ecology. With this application, I have enclosed an initial deposit of $500. I understand this payment is the equivalent of approximately (5) hours of staff review on the cleanup of my contaminated site. If total charges exceed $500, I will be billed and will pay the remaining balance. Any excess payments will be refunded to me.

Amit Pal Singh 7/13/04

Signature of Applicant Date

Publication #020-74 (revised 7/02)

TCP ID # SW 0601

Voluntary Cleanup Program

Washington State Department of Ecology – Toxics Cleanup Program

Site Summary

This form is a required component of your request for assistance under the Voluntary Cleanup Program. Please include it with your application, consultation fee, and terrestrial ecological evaluation form (if applicable).

WHICH OF THE FOLLOWING APPLY TO YOUR SITE?

☐ You are requesting assistance on a planned cleanup. * We are requesting a VFA

☐ You are requesting assistance on an ongoing cleanup.

☐ You are requesting review of a completed cleanup.

PERSON/ORGANIZATION MAKING REQUEST FOR ASSISTANCE

Name:	Star Lodging of The Northwest/ Managing partner
Firm:	Amrit Pal Sing
Mailing address:	1656 Kirkland Court SE
City: Renton	State: WA Zip code: 98058
Telephone number: 206 941-7766	Fax number: 425 204-7766 E-mail address:

WHICH BEST DESCRIBES YOUR INVOLVEMENT AT THIS SITE (CHECK AS MANY THAT APPLY)

Property owner	Lender	Developer	Prospective purchaser	Tenant	Consultant	Contractor	Other
✓							

If other, please specify:

SITE IDENTIFICATION

Name of site:	3520 Pacific Hwy E		
Alternative name(s) for site:	Hometel Inn		
Site address:	3520 Pacific Hwy E		
City: Fife	State: WA	Zip code: 98424	County: Pierce UBI Number:
Township:	Range:	Section:	Quarter-Quarter:
Latitude:	Degrees:	Minutes:	Seconds:
Longitude:	Degrees:	Minutes:	Seconds:

What method did you use to calculate latitude and longitude?

How many acres is the site? 5.22 Acres

Property type? Commercial ☑ Industrial ☐ Residential ☐ Other ☐ Please specify:

Is the property currently being used? Yes

Are there plans for change in use? Not at this time If yes, please specify:

STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES

Please list all that apply. If you do not know the SIC code(s), list the activities conducted at the site (i.e. automotive repair and maintenance, construction equipment storage, etc.)

Motel

TANK INFORMATION

Please complete the table below for all above ground tanks (AST) and underground storage tanks (UST) existing or formerly existing on the property, including unregulated tanks.

** Unleaded, leaded diesel, bunker-C, waste oil, heating oil, aviation fuel, other (please identify)*
***Left in-place, removed, closed-in-place*

SITE MAPS

Please include an area map that shows the general location of the site (mark the site location) and a site diagram that shows sampling and well locations. Pls refer to EHC Report (Maps and Drawings)

DANGEROUS WASTE FACILITIES

Does the facility have a dangerous waste identification (WAD) number? Not to our knowledge

If yes, please specify.

SITE ASSESSMENT OR SITE REMEDIATION WORK COMPLETED DATE

Has site assessment work been completed at the site? Yes

If yes, when? 6/25/04 Were the results reported to Ecology? Yes

Has site cleanup work been conducted at the site? No

If yes, when? Were the results reported to Ecology?

Does contamination remain on-site after cleanup? N

If yes, please describe the contamination?

DOCUMENTATION

Please list all known assessment and/or cleanup reports completed for the site. Include the title of the report, the name of the consulting firm that did the work, and the year it was completed.

[illegible]	[illegible]	Date
Phase I Environmental Site Assessment	NVL Laboratories	June 25, 2002
*Phase I and Limited Phase II Environmental Site Assessment	Robinson Noble and Saltbush Environmental Services	April, 2004
*Third party reports not available to owner, phase II report has been included in Subsurface Investigation	E.H.C.	A portion of the the EHC report. June 25, 2004
Wetlands Report Included in E.H.C. report. No wetlands reported.	Russell & Associates	May 12, 2003

AFFECTED MEDIA & CONTAMINANTS

Please list the known or suspected contaminants at the site prior to cleanup. Mark the appropriate medium (such as soil) with "C" (confirmed and above Model Toxics Control Act (MTCA) cleanup standards), "B" (confirmed but below MTCA standards), "S" (suspected), "N/A" (not applicable), "O" (tested and not present), "U" (unknown).

Example: Lead	C	S	S	U	S	S	1967-82
Please refer to		EHC report					

METHODS & TREATMENT TECHNOLOGIES USED AT SITE

Please check all applicable boxes that apply to your site.

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Method A						
Method B						
Method C						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Air Sparging/Air Stripping						
Bioventing						
Capping (asphalt, concrete, topsoil, RCRA cover, soil-clay, synthetic membrane)						
Carbon Adsorption						
Containment On-Site						
Containment Off-Site						
Free-product Recovery						
In Situ Chemical Oxidation						
Natural Attenuation (dilution, volatilization, biodegradation, adsorption)						
Permeable Reactive Barriers						
Phytoremediation						
Soil Flushing						
Soil Vapor Extraction						
Thermal Desorption						
Other (please specify)						

AFFECTED MEDIA & CONTAMINANTS AFTER CLEANUP

Please list the contaminants from the box on page 4 and list their status after cleanup. Mark the appropriate medium (such as soil) with "C" (confirmed and above Model Toxics Control Act (MTCA) cleanup standards but contained), "B" (confirmed but below MTCA standards), "R" (remediated and below MTCA standards), "N/A" (not applicable), "O" (tested and not present), "U" (unknown) to reflect the status after cleanup.

Example: Lead	R	O	B	U	B	O

DRINKING WATER & AQUATICS INFORMATION

Are there any drinking wells within ½ mile of the site? If yes, how many?

Was a drinking water system affected? If yes, was an alternate drinking water source provided?

Was the affected drinking water system public, private, or both?

Are there any creeks, streams, ponds, wetlands, or shorelands on or adjacent to the site? Within ¼ mile of the site?

If yes, where are they located?

Were they impacted by the contamination from the site?

INSTITUTIONAL CONTROL(.E. RESTRICTIVE COVENANT, ENG ERED CONTROLS, FENCING)

Were institutional controls used at the site? If yes, please specify. Pls refer to EHC report

OWNER/OPERATOR HISTORY

Please complete as many of the below boxes as possible. For type of owner/operator, please use the following codes: (1) Private, (2) Municipal, (3) County, (4) Federal, (5) State, (6) Tribal, (7) Mixed, (8) Other, (9) Unknown, (10) Public Entitle Acquisition via Bankruptcy.

Current site owner: Star Lodging of The Northwest	Type: 1	
Street address: 1656 Kirkland Court SE		
City: Renton	State: WA	Zip code: 98058
Contact person (if different than owner listed above): Rod Giffels GVA Kidder Mathews		
Street address: 1201 Pacific Ave		
City: Tacoma	State: WA	Zip code: 98402
Phone: (253) 274-4932	Fax: (253) 572-2648	E-mail address: rgiffels@gvakm.com
Date of ownership: 10/98 to present		

Current operator: Star Lodging of the Northwest	Type: Motel	
Street address: same as owner		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of operation: to		

Former site owner:	Type:	
Street address:		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of ownership: to		

Former operator: Type:

Street address:

City: State: Zip code:

Contact person (if different than owner listed above):

Street address:

City: State: Zip code:

Phone: Fax: E-mail address:

Date of ownership: to

Environmental consultant: Type:

Representing:

Firm:

Street address:

City: State: Zip code:

Phone: Fax: E-mail address:

SITE CONTACT PERSON (IF OTHER THAN OWNER/OPERATOR)

This is someone who is available during normal working hours and has knowledge about the site and the activities conducted at the site.

Name: Rod Giffels

Relation to site owner/operator: Real Estate agent

Firm: GVA Kidder Mathews

Street address: 1201 Pacific Ave Suite 1400

City: Tacoma State: WA Zip code: 98402

Phone: 253 274-4932 Fax: 253 572-2648 E-mail address: rgiffels@gvakm.com

Date of involvement with site: 3/02 to present

Name:

Relation to site owner/operator:

Firm:

Street address:

City: State: Zip code:

Phone: Fax: E-mail address:

Date of involvement with site: to

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Publication #020-73 (revised 7/02)

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Volu..tary Cleanup Pr gram

Washington State Department of Ecology – Toxics Cleanup Program

WASHINGTON STATE ECOLOGY

TERRESTRIAL ECOLOGICAL EVALUATION EXCLUSION

Some contaminated sites are excluded from conducting a Terrestrial Ecological Evaluation. If your site meets the criteria for exclusion as described in WAC 173-340-7491, please complete this form.

SITE NAME _____

SITE ADDRESS _____

REASONS FOR EXCLUSION:

A site is eligible for exclusion if it meets any of the following criteria:

1. POINT OF COMPLIANCE WAC 173-340-7491(1)(A)

- All contamination is below 15 feet. ☐
- All contamination is below six feet and an institutional control has been implemented, as required by WAC 173-340-440. ☐
- All contamination is below a site-specific point of compliance established in compliance with WAC 173-340-7490(4)(b) with an institutional control implemented as required by WAC 173-340-440. ☐

  Please provide documentation that describes the rational for setting a site-specific point of compliance.

2. BARRIERS TO EXPOSURE WAC 173-340-7491(1)(B)

- All contaminated soil is or will be covered by physical barriers that prevent exposure to plants and wildlife and an institutional control has been implemented, as required by WAC 173-340-440. ☐

  An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

3. UNDEVELOPED LAND WAC 173-340-7491 (1)(C)

- There is less than one-quarter acre of contiguous undeveloped land on or within 500 feet of any area of the site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene. ☐

- For sites not containing any of the chemicals mentioned above, there is less than one-and-a-half acres of contiguous undeveloped land on or within 500 feet of any area of the site. ☐

[redacted]

4. BACKGROUND CONCENETRATIONS WAC 173-340-7491 (1) (D)

- Concentrations of hazardous substances in soil do not exceed background levels as described in WAC 173-340-709. ☐

* Refer to June, 2004 Report

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

June 25, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Subsurface Investigation
3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit this *Subsurface Investigation* on the referenced property. The site work was performed in the parking areas and adjacent vegetation strips on the property. It is our understanding you may purchase the referenced property and our *Subsurface Investigation* will assist in determining adverse environmental liability on the site.

1.0 Purpose

The purpose of our services was to evaluate shallow soils and/or groundwater (GW) and offer recommendations for further investigation, if warranted. Based upon the history of the site (motel) and nearby activity (leaking underground storage tanks) reported in a previously published Phase I – Environmental Assessment, EHC was to advance borings and perform sampling to assist in determining if contaminants typically associated with petroleum hydrocarbons and heavy metals were present. The sampling was intended to assess potential contamination around the perimeter of the property.

The following is an outline of the critical elements of the sampling:

- Review previously published reports on subject;
- Outline the work with the Client;
- Develop a *Sampling Plan* in accordance with standard protocols and previous report data;
- Advance borings and collect soil and/or GW samples;
- Field screen suspect soils for the presence of petroleum hydrocarbons with a photo-ionizing detector (PID);
- Document conditions found;
- Submit samples to an approved laboratory for analysis;
- Provide a written report of findings with recommendations.

WASHINGTON STATE DEPARTMENT OF ECOLOGY

WASHINGTON STATE
DEPARTMENT OF ECOLOGY

RECEIPT 203324

DATE 7-13-04

RECEIVED FROM David V. Sheean, Carol A. Sheean

Five hundred DOLLARS 500.00

FUND:

General ..... UST X ..... WWD ..... Other ..... Cash .....

LOCATION: TCP - SWRO

Check # 2847

MO # .....

PURPOSE: VCP, NON-LUST, Hometel Inn Motel, Pacific Hwy, Tacoma, TCP ID # SW0601

By Maureen Garrett

Thank You

010-144

GVA Kidder Mathews
Worldwide Real Estate Solutions

1201 Pacific Avenue, Suite 1400
Tacoma, Washington 98402
Tel: 253.383.5693
Fax: 253.572.2648
www.gvakm.com

July 12, 2004

Washington State Department of Ecology
300 Desmond Drive
Lacey, WA. 98503
Att: Chuck Cline

Re: Subsurface Investigation
Hometel Inn Motel
3520 Pacific hwy. East
Fife, WA.

Dear Mr. Cline:

Included is the Phase I Report and the recently completed Phase II Report as well as the cover letter from the attorney for the owners of 3520 Pacific Hwy. East.

As discussed in our phone conversation today, there is a pending real estate transaction, with a scheduled closing date at the end of July. If you need any additional information on the property, please contact either the owner's attorney or myself.

Sincerely,

Rod Giffels
Sales Representative

Brian Wichmann
15201 Military Rd S
Seattle, WA 98188

Attorney at Law
(206) 244-7433

July 8, 2004

Washington State Department of Ecology
Attn: Chuck Cline at 47775
Olympia, WA 98504 7775

Re: Subsurface Investigation
Hometel Inn Motel
3520 Pacific Hwy East, Fife, Washington

Dear Mr. Cline:

This office represents Star Lodging Lodging of the Northwest, LLC. Pursuant to the recommendations in Environmental Hazards Control's inspection of their above-referenced property, I am forwarding their report on to you for review and possible issuance of a "No Further Action Letter" or a "Non-Restrictive NFA."

Also enclosed is a $500 deposit check.

If you need anything further, please let me know.

Very Truly Yours,

Brian Wichmann
cc: Client

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

June 25, ~~2003~~
2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Subsurface Investigation
3520 ~~Alexander Avenue~~, PACIFIC HIGHWAY EAST Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit this *Subsurface Investigation* on the referenced property. The site work was performed in the parking areas and adjacent vegetation strips on the property. It is our understanding you may purchase the referenced property and our *Subsurface Investigation* will assist in determining adverse environmental liability on the site.

1.0 Purpose

The purpose of our services was to evaluate shallow soils and/or groundwater (GW) and offer recommendations for further investigation, if warranted. Based upon the history of the site (motel) and nearby activity (leaking underground storage tanks) reported in a previously published Phase I – Environmental Assessment, EHC was to advance borings and perform sampling to assist in determining if contaminants typically associated with petroleum hydrocarbons and heavy metals were present. The sampling was intended to assess potential contamination around the perimeter of the property.

The following is an outline of the critical elements of the sampling:

- Review previously published reports on subject;
- Outline the work with the Client;
- Develop a *Sampling Plan* in accordance with standard protocols and previous report data;
- Advance borings and collect soil and/or GW samples;
- Field screen suspect soils for the presence of petroleum hydrocarbons with a photo-ionizing detector (PID);
- Document conditions found;
- Submit samples to an approved laboratory for analysis;
- Provide a written report of findings with recommendations.

2.0 Services

The following services were provided by EHC:

- Conducted a site review following review of a *Phase I – Environmental Assessment;*
- Discussed site conditions with Client and Client's realtor over the telephone;
- Documented the visible location of pipe penetrations in catch basins;
- Developed a *Sampling Plan* to advance borings near previous boring locations;
- Developed a *Health and Safety Plan (HASP)*;
- Reviewed *Sampling Plan* and *HASP* with driller from Environmental Services Network, Northwest (ESN);
- Starting the morning of June 17, 2004, a total of 5 borings were advanced in the Parking Areas and adjacent vegetation strips on the property. The boring work involved advancing borings near the 4 corners of the property with an additional boring near the center of the North Parking Area;
- All borings were advanced with a truck-mounted direct push hydraulic auger (Strataprobe) to a depth of 7.5' below ground surface (bgs);
- Groundwater was encountered in all 5 borings (B1A through B5A) ranging between 2.5' and 4.0';
- Documented subsurface conditions on Boring Logs;
- Drew numerous soil samples from borings B1A through B5A. All samples were field screened with a PID for volatile organics;
- All field screening with a PID was performed on suspect soils by containing soils sealed in plastic bags, waiting for possible hydrocarbon molecules to warm (excite) and release inside the sealed bag. A micro-tip probe, attached to a PID, was inserted in to the bag and head-space gases were analyzed for hydrocarbons;
- Drew a total of 13 soil samples and 5 GW samples from the borings;
- All GW samples included 1 - ½ liter glass amber bottle for oil range petroleum hydrocarbon, 3 glass VOAs for gasoline range petroleum hydrocarbons and 1 plastic bottle for heavy metal;
- All soil samples were contained within 4 ounce glass jars with Teflon line lids;
- All sample containers were labeled with the necessary information (sample #, date, time);
- Samples were stored in a cooler with ice/chiller packs (maintained at approximately 4 degrees centigrade) during field operations;
- A chain-of-custody was completed the afternoon of June 17, 2004. Based upon the *Sampling Plan* and the Client's requirements, 12 of the 13 soil samples drawn and all of the GW samples drawn were requested analyzed on a standard turn-around basis;
- All samples, including the chain-of-custody, were turned over to an ESN representative and the samples were transferred to an ESN cooler with ice packs;
- The GW samples requiring metals analysis were transferred to STL Laboratories in Fife, Washington the afternoon of June 17, 2004;
- All other samples were transported to ESN's laboratory in Lacey, Washington the afternoon of June 17, 2004;
- Requested analysis on 2 of the 13 soil samples and all 5 GW samples:
  1. NWTPH-D extended (Identification of the heavy range petroleum hydrocarbons, i.e., diesel, oil and mineral oil).

- Requested analysis on all 5 of the GW samples:
  1. EPA Method 8021B Gasoline BTEX (Identification of petroleum hydrocarbons from gasoline including benzene, toluene, ethyl benzene and xylene).
- Request analysis on all 5 of the GW samples:
  1. USEPA Method 6020 and 7470 (Heavy metals in soil...MTCA 5 metals: arsenic, cadmium, chromium, lead and mercury).
- Requested analysis on 10 of the 13 soil samples:
  NWTPH - HCID (Identification of petroleum hydrocarbons in the gasoline, diesel, heavy oil and Mineral oil range).
- Contacted Client and discussed preliminary analytical results;
- Contacted Washington State, Department of Ecology, Voluntary Cleanup Program lead and discussed option concerning reporting on site conditions without identifying subject.
- Summarized the data in a written report with attachments.

3.0 Background

The subject property was a commercial zoned parcel of land occupied by the Hometel Inn Motel. The property was located in the 3500 block of Fife, Washington between Pacific Highway East and Interstate 5. The subject was utilized as farmland up to the early 1960s. The subject was developed as a motel/hotel in the early to mid-1960s and has been in operation as such to present day.

A *Phase I and Limited Phase II Environmental Site Assessment* performed by Robinson & Noble, Inc. and Saltbush Environmental Services in April 2004 confirmed the presence of the heavy metals arsenic, chromium and lead above the MTCA, Method A Cleanup Levels for Groundwater on the subject. The report data was presented along with data generated on the property adjacent the west side of the subject (Freddie's Casino at 3402 Pacific Highway East, Fife, Washington). A summary of the analytical results of soil and GW samples from the *Phase I and Limited Phase II Environmental Site Assessment* has been presented in Tables 3-1 and 4-1.

Table 3-1
Phase I and Limited Phase II Environmental Site Assessment
Summary of Analytical Results of Soil (April 2004)
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B6	?	?	?	NA	ND	ND	ND	Pb: 4.6	NA
B7	?	?	?	ND	ND	ND	ND	ND	NA
B8	?	?	?	NA	ND	ND	ND	Pb: 13 Cr: 5.5	NA
B9	?	?	?	ND	ND	ND	ND	Cr: 3	NA
MTCA A				30	2,000	2,000	4,000	2-2,000	0.03-9

Soil values reported in milligrams per kilogram (mg/kg).
ND = None detected.
NA = Not analyzed.
MTCA A = MTCA, Method A Cleanup Levels for Unrestricted Land Use
Metals = MTCA 5 metals analyzed but, EHC reported only those metals found above detection levels.

Table 4-1
Phase I and Limited Phase II Environmental Site Assessment
Summary of Analytical Results of Soil (April 2004)
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B6	?	?	?	NA	ND	ND	ND	ND	ND
B7	?	?	?	ND	ND	ND	ND	**As: 0.041 Cr: 0.10** Pb: 0.009	ND
B8	?	?	?	NA	ND	ND	ND	**As: 0.015 Cr: 0.40** Pb: 0.005	ND
B9	?	?	?	ND	ND	ND	ND	**As: 0.046 Cr: 0.20 Pb: 0.050**	ND
MTCA A Reported levels in April 2004 Report.				800	500	500	500	As: 0.005 Ca: 0.005 Cr: 0.05 Pb: 0.015 Hg: 0.002	5 – 1,000
MTCA A Metals analysis listed in ug/L.				800	500	500	500	As: 5 Ca: 5 Cr: 50 Pb: 15 Hg: 2	5 – 1,000

Groundwater values for petroleum hydrocarbons reported in milligrams per kilogram (mg/L).
*Groundwater values for heavy metals reported in micrograms per liter (ug/L)
ND = None detected.
NA = Not analyzed.
Metals: MTCA 5 metals analyzed but EHC reported only those metals found above detection levels.
MTCA, Method A Cleanup Levels for Unrestricted Land Use
*Note: The GW analysis for heavy metals reported in the April 2004 Report appears to have been mislabeled and was reported in milligrams per liter (mg/L) as opposed to the stated micrograms per liter (ug/L). Typically, GW analysis reported by a laboratory in mg/L is converted to ug/L by the consultant for comparison with MTCA, Method A Cleanup Levels for Groundwater.
*Note: The MTCA, Method A Cleanup Level for Mercury (Hg) in Groundwater was reported incorrectly in the April 2004 Report at 0.015 mg/L versus the actual Cleanup Level of 0.002 mg/L or 2 ug/L.

3.1 Property Reports

- *Phase I and Limited Phase II Environmental Site Assessment*, Robinson & Noble, Inc. and Saltbush Environmental Services, #1757-004A, April 2004 (EHC was provided the cover page along with pages 8, 9 10, 11, a Vicinity Map and poor copy of the Boring Location Map).
- *Wetlands Review of Hometel Inn Property, City of Fife, 3520 Pacific Highway East, Pierce County Parcel #0320111049*, Russell & Associates, May 12, 2003
- *Phase I Environmental Site Assessment*, Hometel Inn Motel, NVL Laboratories, Inc. June 25, 2002
- *Asbestos-Containing Materials Survey*, 3518 Pacific Highway, Fife, WA, Project #2002-285, NVL Laboratories, Inc., June 20, 2002 (Partial report included pages 1 – 9).

4.0 Field Work

4.1 Utilities Locate

Based upon the previous site work performed by another consulting firm, and given EHC's *Sampling Plan* dictated sampling adjacent previous borings advanced around the subject, EHC did not contact the Utilities Underground Location Center (UULC) prior to commencing the subsurface work at the referenced property. Although, all visible utilities, stormwater piping and asphalt patches relating to subsurface systems (electrical and plumbing) were noted by EHC prior to commencing the work. A minimum distance of 5' was maintained from all apparent subsurface systems throughout the work. Additionally, a minimum distance of 10' was maintained from all overhead systems throughout the work.

4.2 Sampling Plan

A *Sampling Plan* was developed based upon the previous reports published on the site and site reconnaissance by EHC. The focus of the Sampling Plan was to confirm the results of the April 2004 subsurface sampling work perform by another consulting firm. See: SAMPLING PLAN.

4.3 Subsurface Investigation

The boring locations were chosen based upon prior boring locations and the need for additional data in the North Parking Area between the Travel Lodge and the Hometel Inn Motel. A description of each boring location and associated activity has been described in subsequent paragraphs. See: BORING LOGS.

Boring B1A was advanced to a depth of 7' bgs in the southwest corner of the property approximately 107' west and 63' north of the northwest corner of the site building. The boring location was chosen because it was west of the boring advanced in a previously referenced report and because it was within the drainage area for the parking stormwater. Groundwater was encountered at 2.5' bgs and sample B1A-W was drawn and submitted for laboratory analysis. Soil samples were field screened with a PID at various depths with following results:

- 0' - .5' 7.2 ppm
- 2' – 2.5' 4.1 ppm
- 4' – 4.5' 4.0 ppm
- 6 – 6.5' 7.6 ppm

Based upon soil conditions and PID results, it did not appear the soil samples contained volatile organics associated with petroleum hydrocarbons. Although, as a precaution, samples B1A-1, B1A-2, B1A-3 and B1A-4 were contained in 4-ounce glass jars and submitted for laboratory analysis.

Boring B2A was advanced to a depth of 7' bgs in the North Parking Area about 95' east and 38' north of the northwest corner of the site building. The boring location was chosen because no data had been collected between the site building and adjacent Travel Lodge in a previously published report. Groundwater was encountered at 3' bgs and sample B2A-W was drawn and submitted for laboratory analysis. Soil samples were field screened with a PID at various depths with the following results:

- 0 - .5' 9.2 ppm
- 2' – 2.5' 0.1 ppm
- 4' – 4.5' 8.9 ppm

Based upon soil conditions and PID results, samples B2A-1 and B2A-2 were contained in 4-ounce glass jars and submitted for laboratory analysis.

Boring B3A was advanced to a depth of 7' bgs in the northeast corner of the North Parking Area about 3' west and 65' north of the northeast corner of the site building. The boring location was chosen because it was adjacent a boring advanced in a previously referenced report. Groundwater was encountered at 4' bgs and sample B3A-W was drawn and submitted for laboratory analysis. Soil samples were field screened with a PID at various depths with the following results:

- 4' – 4.5' 4.0 ppm
- 6' – 6.5 5.7 ppm

Based upon soil conditions and PID results, samples B3A-1 and B3A-2 were contained in 4-ounce glass jars and submitted for laboratory analysis.

Boring B4A was advanced to a depth of 7' bgs near the southeast corner of the site approximately 43' east and 46' south of the southeast corner of the site building. The boring location was chosen because it was adjacent a boring advanced in a previously referenced report. Groundwater was encountered at 3.5' bgs and sample B4A-W was drawn and submitted for laboratory analysis. Soil samples were field screened with a PID at various depths with the following results:

- 2' – 2.5' 4.9 ppm
- 3.5' – 4' 8.0 ppm
- 6' – 6.5' 7.7 ppm

Based upon soil conditions and PID results, all samples B4A-1 and B4A-2 were contained in 4-ounce glass jars and submitted for laboratory analysis.
Boring B5A was advanced to a depth of 7' bgs near the northwest corner of the site approximately 104' west and 13' south of the southwest corner of the site building. The boring location was chosen because it was adjacent or near a boring advanced in a previously referenced report. Groundwater was encountered at 4' bgs and sample B5A-W was drawn and submitted for laboratory analysis. Soil samples were field screened with a PID at various depths with the following results:

- 1' to 1.5' 6.7 ppm
- 3' – 3.5' 9.4 ppm
- 5.5 – 6' 9.2 ppm

Based upon soil conditions and PID results, samples B5A-1, B5A-2 and B5A-3 ere contained in 4-ounce glass jars and submitted for laboratory analysis. Although, sample B5A-1 (0.5' to 1' bgs) was placed on "hold" or not analyzed pending the results of analysis of B5A-2 and B5A-3. Given no petroleum hydrocarbons in the gasoline, diesel and oil range were detected in B5A-2 and B5A-3, sample B5A-1 was not analyzed.

Note: Groundwater encountered across the site was found within a sandy layer and recharged at a moderate rate. All GW samples were drawn from within 5' sections of #10 slot PVC screen.

4.3.1 Work Procedures

Steven Salter of EHC donned protective non-latex gloves during the work and distilled water rinses were performed on all equipment prior to their use. Hearing and eye protection were worn by EHC throughout all drilling operations. And, EHC instructed the Driller to don hearing and eye protection throughout the work.

All borings were advanced with a truck-mounted 2" hydraulic auger owned and operated by ESN. The Strataprobe sampling system consisted of direct-push hydraulic unit. The rear-mounted, duel ram configuration, in conjunction with a hydraulic hammer, is capable of producing high-frequency impact energy that is suitable for shallow to moderate depth environmental sampling.

The Driller advanced each boring using a retractable piston sampler. All borings were advanced using a standard 4' x 2" steel sleeve and acrylic inserts. Upon reaching the desired depth, the piston was unlocked and the sampler advanced 1" into the soil as the piston retracted. See: BORING LOGS.

Samples were collected by EHC throughout the day of June 17, 2004. Samples were inventoried and then transferred to the driller for ESN on the afternoon of June 17, 2004. See: LABORATORY ANALYSIS and EQUIPMENT LIST.

4.3.2 Laboratory Analysis

Samples B2A-W, B3A-W B4A-W were found to contain arsenic above the Model Toxics Control Act (MTCA), Method A Cleanup Level for Groundwater of 5 micrograms per liter (ug/L). Samples

B2A-W, B3A-W B4A-W were found to contain chromium below the MTCA, Method A Cleanup Level for Groundwater of 50 ug/L. None of the soil or GW samples analyzed were found to contain detectable concentrations of petroleum hydrocarbons in the gasoline, diesel, heavy oil or mineral oil range. See: LABORATORY ANALYSIS.

A summary of the analytical results of soil and GW samples has been presented in Tables 8-1 and 9-1.

Note: The laboratory analysis for groundwater were reported in milligrams per liter (mg/L) and converted by EHC to ug/L for comparison with current MTCA standards.

Table 8-1
Summary of Analytical Results of Soil
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B1A-1	0 – 0.5'	06-17-04	06-18-04	NA	ND	ND	ND	NA	NA
B1A-2	2' – 2.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B1A-3	4' – 4.5'	06-17-04	06-18-04	NA	ND	ND	ND	NA	NA
B1A-4	6' – 6.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B2A-1	2' – 2.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B2A-2	4' – 4.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B3A-1	4' – 4.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B3A-2	6' – 6.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B4A-1	3.5' – 4'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B4A-2	6' – 6.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B5A-1	0.5' – 1'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B5A-2	2' –2.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B5A-2 Duplicate	2' – 2.5'	06-17-04	05-22-04	ND	ND	ND	ND	NA	NA
B5A-3	5.5' – 6'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
Method Blank	NA	NA	06-18-04	NA	ND	ND	ND	NA	NA
Lab Detection Limit (NWTHP-HCID/D-Ext.)				20	50/20	100/40	100/40	Many	NA
MTCA, Method A Soil Cleanup Levels for Unrestricted Land Use				30	2,000	2,000	4,000	2 – 2,000	0.03 – 9

Soil values reported in milligrams per kilogram (mg/kg).
ND = None detected.
NA = Not analyzed.
Dup. = Duplicate sample analyzed by laboratory for quality assurance.
Bold values indicate concentration exceed MTCA, Method A Cleanup Levels for Unrestricted Land Use.

Table 9-1
Summary of Analytical Results of Groundwater
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B1A-W	2.5'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 10.9** Cd: ND Cr: 2.59 Hg: ND Pb: ND	ND
B2A-W	3'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 6.91** Cd: NA Cr: 4.17 Hg: ND Pb: ND	ND
B2A-W Duplicate	3'	06-17-04	06-22-04	NA	ND	ND	ND	NA	ND
B3A-W	4'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 16.7** Cd: ND Cr: 14.3 Hg: ND Pb: ND	ND
B4A-W	3.5'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 34.3** Cd: ND Cr: 3.85 Hg: ND Pb: ND	ND
B5A-W	4'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 26.9** Cd: ND Cr: ND Hg: ND Pb: ND	ND
Lab Detection Limit (NWTPH-D ext, Method 7470, 6020 and 8021B)				-	200	400	400	0.2 –2.5	1
MTCA, Method A Soil Cleanup Levels for Groundwater				800	500	500	500	As: 5 Cd: 5 Cr: 50 Hg: 2 Pb: 15	B: 5 EB: 700 Tol: 1,000 Xyl: 1,000

Groundwater values in table reported in micrograms per liter (ug/l).
Laboratory analysis for petroleum hydrocarbons in water reported in ug/L.
Laboratory analysis for metals in water reported in milligrams per liter (mg/L).
ND = None detected.
NA = Not analyzed.
Dup. = Duplicate sample analyzed by laboratory for quality assurance.
Bold values indicate concentration exceed MTCA, Method A Cleanup Levels for Groundwater.

5.0 Summary of Conditions

- A total of 5 borings were advanced across the site to average depth of 7' bgs.
- Generally, site soils consisted of fine to medium sands over-layed in areas with 1' to 2' of fill consisting of coarse sands and crushed rock.
- Groundwater was encountered at 2.5' to 4' bgs.
- All borings were sealed with bentonite and asphalt surfaces patched with cold-process asphalt patch.
- Low concentrations of volatile organics were detected with the PID and averaged between 4 ppm and 9 ppm.
- Groundwater from all 5 borings was found to contain the heavy metal arsenic (6.9 to 34.3 ug/L) above the MTCA, Method A Cleanup Level of 5 ug/L.
- Groundwater from borings B1A, B2A, B3A and B4A were found to contain chromium (2.59 to 14.3 ug/L) below the MTCA, Method A Cleanup Level of 50 ug/L.
- None of the GW samples were found to contain detectable concentrations of the heavy metals cadmium, lead or mercury.
- None of the GW samples were found to contain detectable concentrations of gasoline constituents (benzene, ethyl benzene, toluene or xylenes)
- None of the GW samples were found to contain detectable concentrations of diesel, heavy oil or mineral oil range petroleum hydrocarbons.
- None of the soil samples were found to contain detectable concentrations of gasoline, diesel, heavy oil or mineral oil range petroleum hydrocarbons.

6.0 Conclusions

- Based upon laboratory results, it appears shallow GW across the site contains the heavy metal arsenic above the MTCA, Method A Cleanup Level for Groundwater.
- The arsenic in GW may be naturally occurring or caused by human activity.
- The source of the arsenic in GW could not be discerned.
- The *Phase I and Limited Phase II Environmental Site Assessment* in April 2004 reported the presence of chromium and lead in GW in excess of the MTCA, Method A Cleanup Levels but the analysis of samples submitted by EHC during this *Subsurface Investigation* did not confirm the previously reported results.
- Given the arsenic in soil concentrations reported in the April 2004, it is possible arsenic is stripping out of the soil as the GW table fluctuates seasonally.
- The *Area Wide Soil Contamination Task Force Report* published in June 2003 indicated a high likelihood of arsenic contamination of shallow soils in the Tacoma and Fife, Washington areas.
- The arsenic in GW may be area wide and the result of historical farming activities, historical airborne contamination from the closed Asarco Smelter in Ruston, Washington or another source. If so, a site-specific cleanup of GW would be impossible due to off-site GW migrating to the subject.

7.0 Recommendations

- As required by the MTCA, the property owner must submit this report to the Washington State, Department of Ecology, Southwest Regional Office within 90 days of publication.
- Submit this report, along with all other pertinent data, to the Washington State, Department of Ecology, Voluntary Cleanup Program for review and possible issuance of "No Further Action Letter" or a "Non-Restrictive NFA". A copy of the report should be forwarded to Chuck Cline at WDOE at 47775, Olympia, Washington 98504-7775 and a $500 deposit check must be enclosed with the request.

8.0 Limitations and Exceptions

EHC is providing data, information and recommendations for the express purpose of the Client. The information is offered for management decisions, considerations for further investigation and future removal, encapsulation, management or disposal of suspect hazardous materials or toxic substances.

The professional services provided by EHC and its personnel are for the benefit of and are limited to the Client only and to the fee actually received by EHC. Further, there is no accountability, obligation or liability to any third party. If an EHC report is placed in the hands of anyone other than the Client, the Client shall make such party aware of related discussions. EHC and its personnel are in no way to be responsible for any costs incurred to discover or correct physically, financially and/or legally environmental or health and safety conditions on a property. In the case of limited partnerships, syndication offering or stock offerings in real estate, the Client agrees that in case of a lawsuit brought by lender, partner or part Client in any form of Client and officers (ownership, tenant, or any other party), any and all awards, settlements of any type in such suits, regardless of the outcome), the Client will hold EHC and it's personnel completely harmless in any such action.

Possession of an EHC report or any copy thereof does not carry with it the right of publication, nor may it be used for other than its intended use; the physical report(s) remain the property of EHC for the use of the Client, the fee being for the analytical services only.

An EHC report is to be used only in its entirety, and no part is to be used without the whole report. All conclusions and opinions concerning the analysis as set forth in the report were prepared by EHC personnel whose signature(s) appear on the report unless otherwise indicated. No change of any item in the report shall be made by anyone other than EHC personnel. EHC and EHC personnel shall have no responsibility if any such unauthorized change is made.

EHC personnel may not divulge the material (evaluation) contents of the report, analytical findings or conclusions, or give a copy of the report to anyone other than the Client or his designee as specified in writing except as may be required by a court of law or body with the power of a subpoena.

An EHC report was obtained from EHC and consists of "trade secrets and environmental, commercial or financial information" which is privileged and confidential and exempted from disclosure. Notify EHC of any request(s) to reproduce this report in whole or in part.

No responsibility is assumed for accuracy of information furnished by work of others, the Client, his designee or public records. The comparable data relied upon in this report has been confirmed with one or more party familiar with the transaction or from affidavit or other sources thought reasonable; all are considered appropriate for inclusion to the best of our factual judgment and knowledge. An impractical and uneconomic expenditure of time would be required in attempting to furnish unimpeachable verification in all instances, particularly as to environmental condition, engineering and related information.
Any sketches and maps in an EHC report are included to assist the reader in visualizing the property and are not necessarily to scale. Photographs are included for the same purpose and represent conditions at the time of the inspection(s). Site plans are not always surveys unless shown from a separate surveyor.

No responsibility is assumed by EHC for matter(s) legal in character or nature, no matter of survey, nor any architectural, structural, mechanical, or engineering nature pertaining to the subject property.

Typically, a legal description is assumed to be correct as used an EHC report as furnished by the Client, his designee, or as derived by EHC.

EHC personnel have inspected as far as possible, by observation, the land and improvement(s); however, it was not possible to personally observe conditions beneath the soil or hidden structural components, or other components.

It is always possible that areas with undetected contamination may exist in portions of the site where no subsurface exploration was performed. Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in this area at the time this report was prepared.

8.0 Special Terms and Conditions

We make no warranties, express or implied, including without limitation, warranties as to merchantability or fitness of a property for a particular purpose. In addition, the information provided to you in an EHC report is not to be construed as legal advice. All rights, warranties and information in the Professional Services Agreement, signed by the Client and EHC, are included.

9.0 Reliance

The Client only may rely on the report information unless written authorization is provided by EHC. EHC does not warranty and there is no accountability, obligation or liability to any third party.

10.0 References

- Area-Wide Soil Contamination Task Force Report, Submitted to Washington State, Dept. of Agriculture, Dept. of Ecology, Dept. of Health and Dept. of Community, Trade and Economic Development, June 30, 2003.
- USEPA, Permit Applicants Guidance manual for Hazardous Waste Land Treatment, Storage and Disposal Facilities (Final Draft), 530-SW-84-004.

- Toxic Substance Control Act (TOSCA), Public Law 94-469, October 1976 administered by the USEPA. Also, the subsequent revisions in the Federal Register.
- Hazardous Waste Compliance Checklist, Hazardous Waste Bulletin, Bureau of Law and Business, Inc., Madison, CT.
- Chapter 173-303 WAC, Dangerous Waste Regulations, Washington State, Department of Ecology, January 1994.
- Chapter 173-340 WAC, Model Toxics Control Act, Washington State, Department of Ecology.

11.0 Signature Of Environmental Professional

The following personnel or principals were involved in preparing this report and should be contacted with questions regarding its contents or opinions at (253) 925-1060 in Tacoma and (253) 874-6556 in Seattle, Washington:

Steven J. Salter
Environmental Consultant
Environmental Hazards Control
ssalter@envirohazardscontrol.com

June 25, 2004
Date

EHC04061
Project #

12.0 Qualifications of Environmental Professional

Mr. Salter is the owner, founder and lead environmental consultant for Environmental Hazards Control (EHC). His experience includes over 18 years of consulting, planning and remediation in the environmental industry. He has an educational background in architecture, engineering and business. And, he has extensive experience in the investigation, testing, planning, permitting and remediation of hazardous materials.

Mr. Salter has been teaching about hazardous materials to Appraisal, Banking, Insurance, Real Estate and Development Professionals since the early 1990's. He wrote a manual on and started teaching about Environmental Assessment and Audits in 1991. And, he was the Environmental Expert for the Planning Commission of Tacoma, Washington from July 1993 to June 1995.

Mr. Salter maintains numerous certifications in the Environmental Industry including the identification and management of projects involved with Asbestos-Containing Materials, Lead-Based Paints and Hazardous Materials. He has successfully completed numerous courses on Construction Safety Management, Environmental Assessing and Auditing and the Identification of Occupational Hazards. And, he is a Certified Appraisal, Escrow and Real Estate Instructor.

Registrations and Certificates

➢ OSHA Construction Safety Manager	Certified 2000
➢ Environmental Expert, Planning Commission, Tacoma, WA	July 1993 – June 1995
➢ Certified Instructor, Washington Department of Licensing Real Estate, Escrow and Assessor	Instructor #I0468 1991
➢ Environmental Auditor and Assessor Property Assessments and Audits	Certificate #1070 1991
➢ AHERA Certified Asbestos Inspector USEPA Asbestos Program	1988 – Present
➢ AHERA Project Designer USEPA Asbestos Program	1994 – 2001
➢ AHERA Management Planner USEPA Asbestos Program	1988 – 1996
➢ Hazardous Waste Site Supervisor	1991 – Present
➢ Lead Inspector Training Health and safety training for the inspection and removal of lead	Certified 1995
➢ Sampling and Evaluating Airborne Asbestos Dust NIOSH 582 Certified	Certificate 1053 1989

13.0 Attachments

1. Maps and Drawings
2. Sampling Plan
3. Laboratory Analysis
4. Washington Administrative Code 173-340-900, MTCA, Method A Cleanup Levels
5. Boring Logs
6. Equipment List
7. Property Reports
8. Site Photographs

LEGEND

- Population Center
- Major City
- State Capitol
- Town, Small City
- Large City
- Interstate, Turnpike
- US Highway
- State/Prov Boundary
- National Boundary
- Interstate Highway
- US Highway
- Land Mass
- Open Water

Scale 1:3,200,000 (at center)

50 Miles

100 KM

3520 Pacific Hyw E, Fife, WA
Mag 7.00
Thu Jun 24 15:56:45 2004

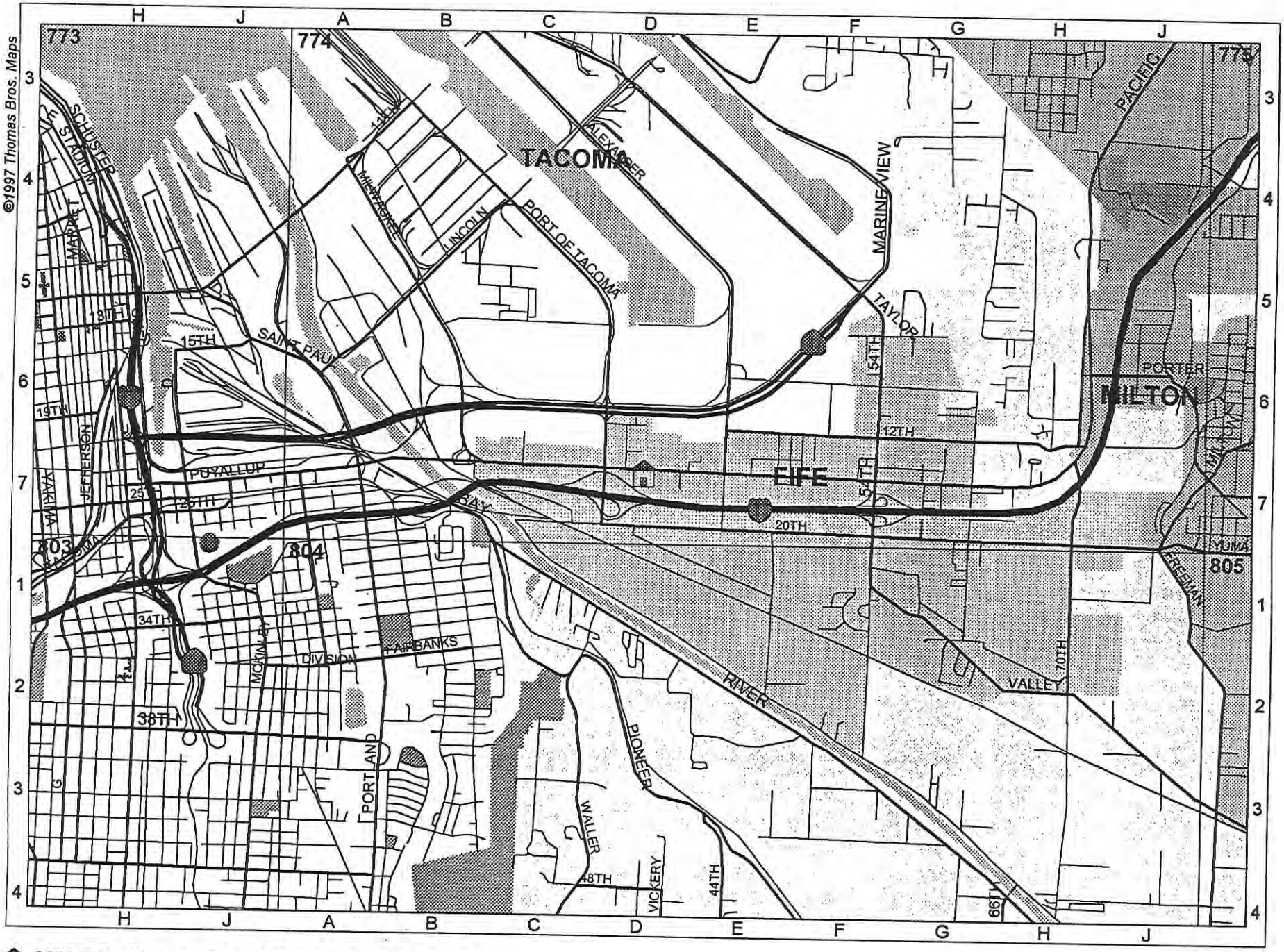

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USGS **Fife, Washington, United States** 13 Jun 2002

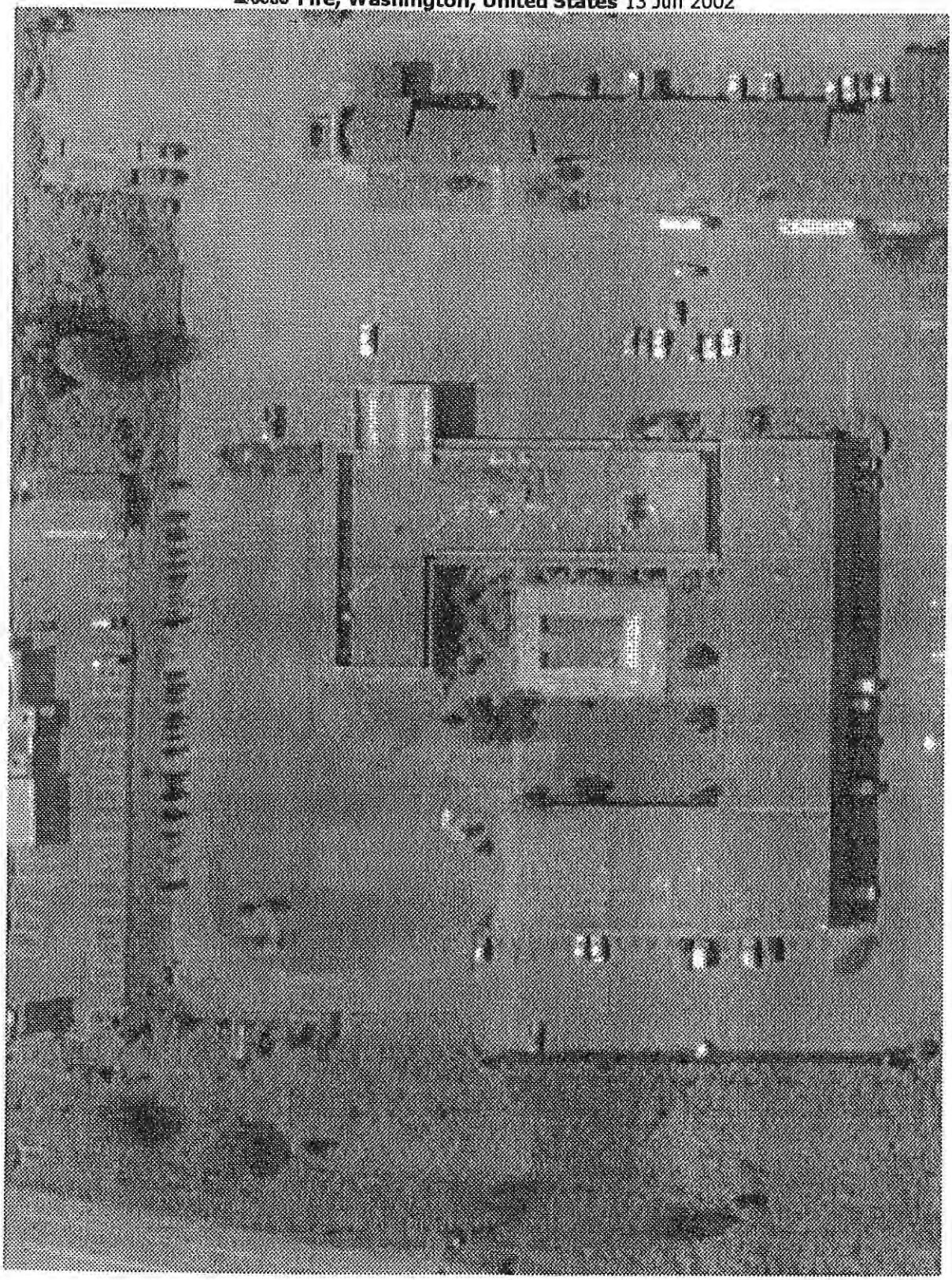

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Image courtesy of the U.S. Geological Survey

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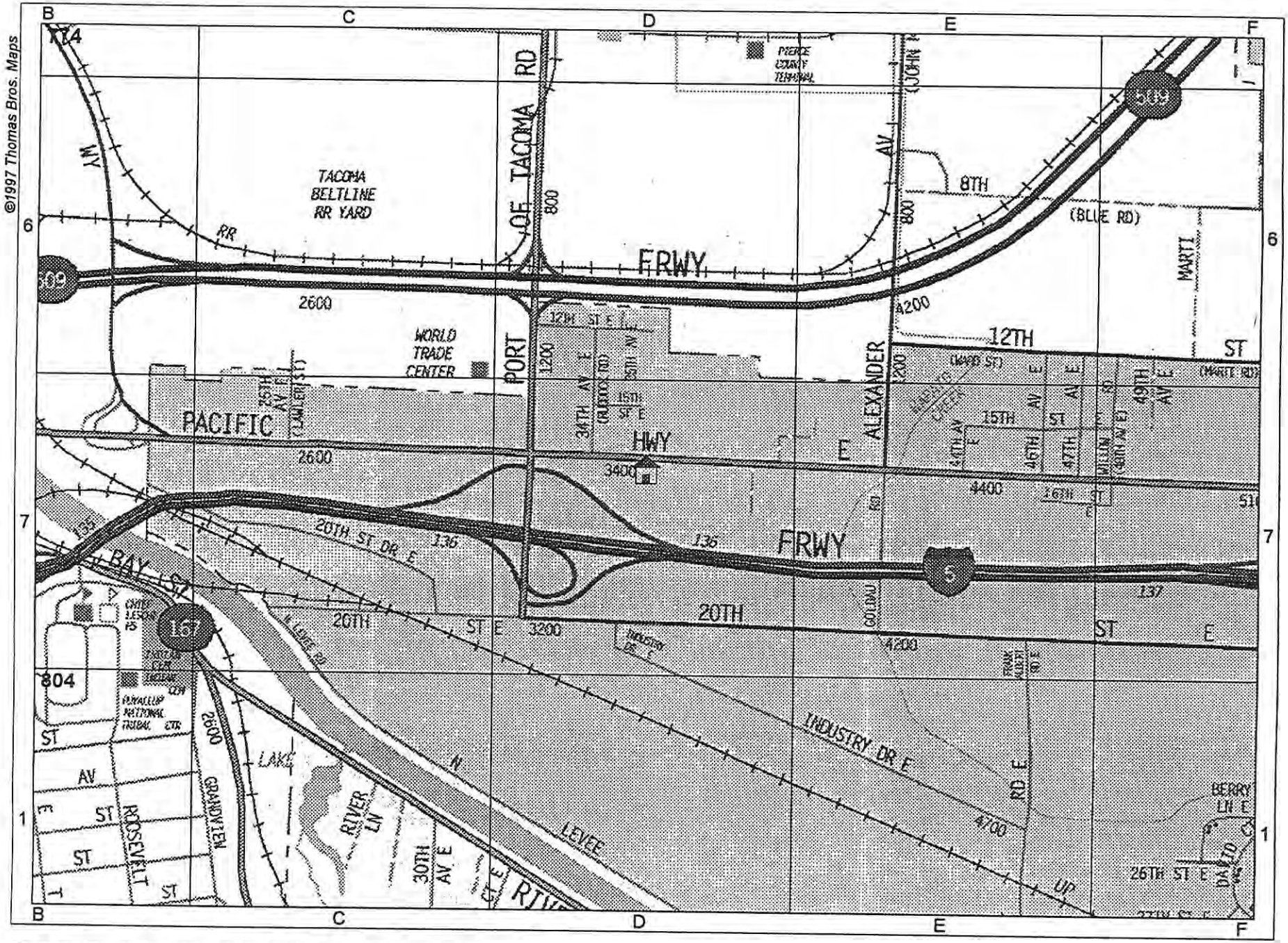

3520 E Pacific Hwy, Fife, 98424, Page & Grid 774 D7

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USGS **Fife, Washington, United States** 13 Jun 2002

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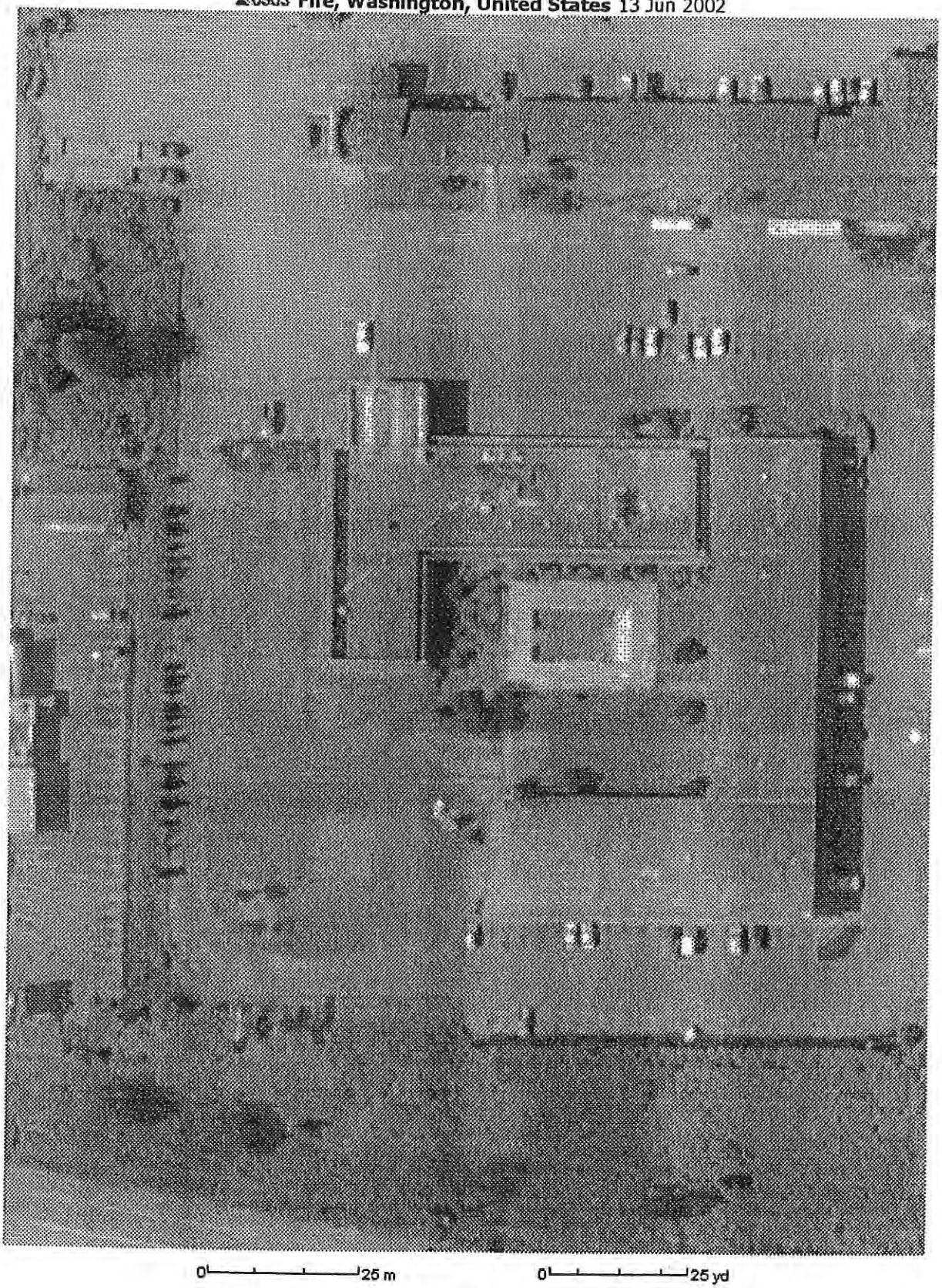

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Image courtesy of the U.S. Geological Survey

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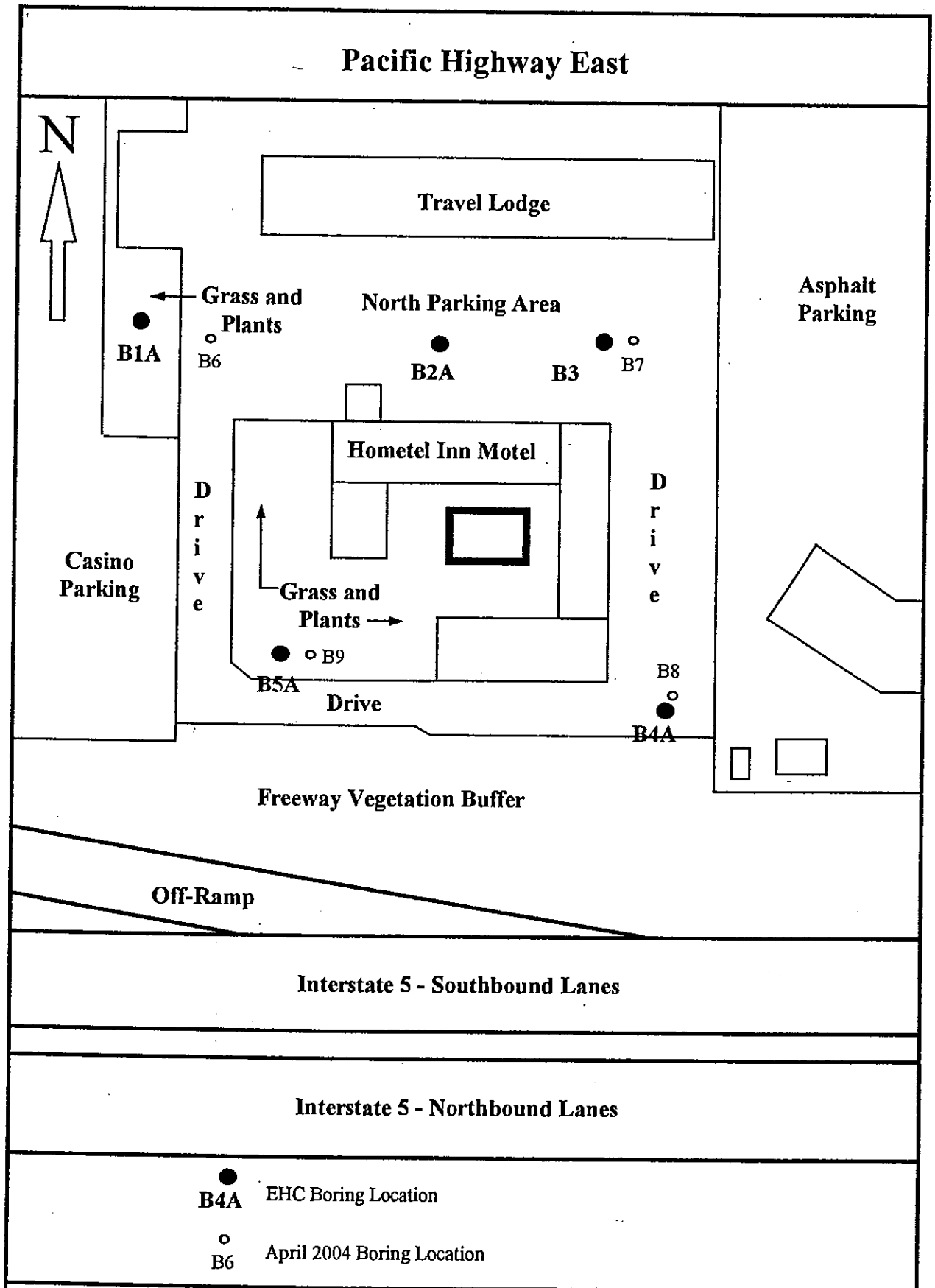

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 06/25/2004	**Scale:** No Scale

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

June 15, 2004

Project: **Hometel Inn Motel**
3520 Pacific Highway East, Fife, Washington
Project #: EHC04061
Title: Subsurface Investigation - Sampling Plan

Environmental Hazards Control (EHC) will perform a *Subsurface Investigation* on the referenced property to evaluate site soil and groundwater (GW) to offer recommendations for further investigation, if warranted. Based upon the history of the site (agriculture prior to 1960s and motel from 1960s to present and previous report data related to heavy metals in shallow GW), existing site conditions (site building surrounded by asphalt parking and drives and minor vegetation), EHC will advance a series of 4 - 6 borings to depths of less than 15' below ground surface (bgs). The subsurface work will assist in determining if petroleum hydrocarbons in the gasoline and oil ranges are present in soil and if gasoline and oil range petroleum hydrocarbon and heavy metals are present in GW.

Standard sampling protocols will be adhered to throughout the work. All work and conditions will be documented on Well Logs. Disposable gloves will be donned during the work and distilled water rinses will be performed on all equipment prior to and between uses.

The borings will be located in and around the perimeter of the subject property adjacent or near the location of borings reported in the *Phase I and Limited Phase II Environmental Site Assessment* by Robinson & Noble, Inc. and Saltbush Environmental Services in April 2004.

Soil and/or GW samples will be stored in chilled coolers during all fieldwork. A laboratory chain-of-custody form will be completed and the samples will be submitted to a qualified laboratory for analysis on a "standard" turn-around basis.

Soil and/or GW samples will be analyzed by the following methods:

- Soil and GW samples:
  1. NWTPH-D extended (Identification of the heavy range petroleum hydrocarbons, i.e., diesel, oil and mineral oil).
- Groundwater samples:
  1. EPA Method 8021B Gasoline BTEX (Identification of petroleum hydrocarbons from gasoline including benzene, toluene, ethyl benzene and xylene).
- Groundwater samples:
  1. USEPA Method 6020 and 7470 (Heavy metals in soil...MTCA 5 metals: arsenic, cadmium, chromium, lead and mercury).

- Soil samples:
  NWTPH - HCID (Identification of petroleum hydrocarbons in the gasoline, diesel, heavy oil and Mineral oil range).

Our proposed sampling locations have been plotted on the attached map. Final or actual sample locations will be determined by subsurface conditions, i.e. utilities, buries objects, etc. Following a telephone call to the Utilities Underground Locating Services, the various service providers identified their respective utilities by marking paved and un-paved surfaces with colored paint.

EHC Representative

ESN NORTHWEST CHEMISTRY LABORATORY

HOMETEL INN MOTEL PROJECT
Fife, Washington
Environmental Hazards Control
Client Project #EHC0406.1

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (ug/l)	Oil (ug/l)	Mineral Oil (ug/l)
Method Blank	6/18/04	108	nd	nd	nd
Method blank	6/21/04	98	nd	nd	nd
B1A-W	6/18/04	87	nd	nd	nd
B2A-W	6/21/04	96	nd	nd	nd
B2A-W Dup.	6/21/04	98	nd	nd	nd
B3A-W	6/18/04	98	nd	nd	nd
B4A-W	6/18/04	101	nd	nd	nd
B5A-W	6/18/04	104	nd	nd	nd
Method Detection Limits			200	400	400

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Marilyn Farmer & Matthew Sebonia

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Co./Dept.	Co. ESN NW	
Phone #	Phone # 459 4670	
Fax #	Fax #	

ESN NORTHWEST CHEMISTRY LABORATORY

HOMETEL INN MOTEL PROJECT
Fife, Washington
Environmental Hazards Control
Client Project #EHC0406.1

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	6/18/04	110	nd	nd	nd	nd
Method Blank	6/21/04	132	nd	nd	nd	nd
B1A-2	6/18/04	95	nd	nd	nd	nd
B1A-4	6/18/04	103	nd	nd	nd	nd
B2A-1	6/18/04	100	nd	nd	nd	nd
B2A-2	6/18/04	99	nd	nd	nd	nd
B3A-1	6/18/04	76	nd	nd	nd	nd
B3A-2	6/18/04	113	nd	nd	nd	nd
B4A-1	6/21/04	100	nd	nd	nd	nd
B4A-2	6/21/04	109	nd	nd	nd	nd
B5A-1	6/21/04	94	nd	nd	nd	nd
B5A-2	6/21/04	113	nd	nd	nd	nd
B5A-2 Dup.	6/21/04	105	nd	nd	nd	nd
B5A-3	6/21/04	102	nd	nd	nd	nd
Method Detection Limits			20	50	100	100

"nd" Indicates not detected at listed detection limits.
"D" Indicates detected above the listed detection limit
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Marilyn Farmer & Matthew Sebonia

ESN NORTHWEST CHEMISTRY LABORATORY

HOMETEL INN MOTEL PROJECT
Fife, Washington
Environmental Hazards Control
Client Project #EHC0406.1

Analyses of BTEX (EPA Method 8021B) in Water

Sample Number	Date Analyzed	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	Surrogate Recovery (%)
Method Blank	6/21/04	nd	nd	nd	nd	88
B1A-W	6/21/04	nd	nd	nd	nd	102
B2A-W	6/21/04	nd	nd	nd	nd	103
B3A-W	6/21/04	nd	nd	nd	nd	104
B4A-W	6/21/04	nd	nd	nd	nd	96
B4A-W Dup.	6/21/04	nd	nd	nd	nd	110
B5A-W	6/21/04	nd	nd	nd	nd	86
Method Detection Limits		1	1	1	1	

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Chlorobenzene): 65% TO 135%

ANALYSES PERFORMED BY: Marilyn Farmer & Matthew Sebonia

ESN NORTHWEST CHEMISTRY LABORATORY

HOMETEL INN MOTEL PROJECT
Fife, Washington
Environmental Hazards Control
Client Project #EHC0406.1

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	6/18/04	110	nd	nd	nd
B1A-1	6/18/04	101	nd	nd	nd
B1A-3	6/18/04	88	nd	nd	nd
Method Detection Limits			20	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Marilyn Farmer & Matthew Sebonia

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B1A-W
Lab ID:	121781-01
Date Received:	6/17/2004
Date Prepared:	6/22/2004
Date Analyzed:	6/22/2004
Dilution Factor	5

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0109	0.0025	
Cadmium	ND	0.0025	
Chromium	0.00259	0.0025	
Lead	ND	0.0025	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B1A-W
Lab ID:	121781-01
Date Received:	6/17/04
Date Prepared:	6/21/04
Date Analyzed:	6/21/04
Dilution Factor	1

Dissolved Mercury by CVAA - USEPA Method 7470

Analyte	Result (mg/L)	RL	Flags
Mercury	ND	0.0002	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B2A-W
Lab ID:	121781-02
Date Received:	6/17/04
Date Prepared:	6/22/04
Date Analyzed:	6/22/04
Dilution Factor	5

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.00691	0.0025	
Cadmium	ND	0.0025	
Chromium	0.00417	0.0025	
Lead	ND	0.0025	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B2A-W
Lab ID:	121761-02
Date Received:	6/17/04
Date Prepared:	6/21/04
Date Analyzed:	6/21/04
Dilution Factor	1

Dissolved Mercury by CVAA - USEPA Method 7470

Analyte	Result (mg/L)	RL	Flags
Mercury	ND	0.0002	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B3A-W
Lab ID:	121781-03
Date Received:	6/17/04
Date Prepared:	6/22/04
Date Analyzed:	6/22/04
Dilution Factor	5

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0167	0.0025	
Cadmium	ND	0.0025	
Chromium	0.0143	0.0025	
Lead	ND	0.0025	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B3A-W
Lab ID:	121781-03
Date Received:	6/17/04
Date Prepared:	6/21/04
Date Analyzed:	6/21/04
Dilution Factor	1

Dissolved Mercury by CVAA - USEPA Method 7470

Analyte	Result (mg/L)	RL	Flags
Mercury	ND	0.0002	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B4A-W
Lab ID:	121761-04
Date Received:	6/17/04
Date Prepared:	6/22/04
Date Analyzed:	6/22/04
Dilution Factor	5

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0343	0.0025	
Cadmium	ND	0.0025	
Chromium	0.00385	0.0025	
Lead	ND	0.0025	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B4A-W
Lab ID:	121781-04
Date Received:	6/17/04
Date Prepared:	6/21/04
Date Analyzed:	6/21/04
Dilution Factor	1

Dissolved Mercury by CVAA - USEPA Method 7470

Analyte	Result (mg/L)	RL	Flags
Mercury	ND	0.0002	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B5A-W
Lab ID:	121781-05
Date Received:	6/17/04
Date Prepared:	6/22/04
Date Analyzed:	6/22/04
Dilution Factor	5

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0269	0.0025	
Cadmium	ND	0.0025	
Chromium	ND	0.0025	
Lead	ND	0.0025	

STL Seattle

Client Name	ESN Northwest, Inc.
Client ID:	B5A-W
Lab ID:	121781-05
Date Received:	6/17/04
Date Prepared:	6/21/04
Date Analyzed:	6/21/04
Dilution Factor	1

Dissolved Mercury by CVAA - USEPA Method 7470

Analyte	Result (mg/L)	RL	Flags
Mercury	ND	0.0002	

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Environmental Hazards Control

ADDRESS: 31652 3rd Ave SW Ste 101
Federal Way, WA 98023

PHONE: (253) 325-1010 FAX: (253) 874-6556
SSALTER@ENVIRONHAZARDSCONTROL.COM

CLIENT PROJECT #: ENC0404 PROJECT MANAGER: SJS

DATE: 10-17-04 PAGE 1 OF 1

PROJECT NAME: Homecrest Inn Motel

LOCATION: 3520 Pacific Hwy E
Fife, WA 98424

COLLECTOR: SJS DATE OF COLLECTION 10-17-04

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	RCRA 5		NOTES	Total Number of Containers	Laboratory Number
1. B1A-1	0.5	0958	S	4 oz							X														1	
2. B1A-2	2-2.5	0959	S					X																Quantity Hits	1	
3. B1A-3	4-4.5	1002	S								X														1	
4. B1A-4	6-6.5	1006	S					X																Quantity Hits	1	
5. B1A-W	2.5	1011	W	Amber/VOA	X						X										X				5	
6. B2A-1	2-2.5	1044	S	4 oz				X																Quantity Hits	1	
7. B2A-2	4-4.5	1045	S					X																Quantity Hits	1	
8. B2A-W	2.5	1050	W	Amber/VOA	X						X										X				5	
9. B3A-1	4-4.5	1123	S	4 oz				X																Quantity Hits	1	
10. B3A-2	6-6.5	1123	S					X																Quantity Hits	1	
11. B3A-W	4	1130	W	Amber/VOA	X						X										X				5	
12. B4A-1	3.5-4	1155	S	4 oz				X																Quantity Hits	1	
13. B4A-2	6-6.5	1159	S					X																Quantity Hits	1	
14. B4A-W	3.5	1159	W	Amber/VOA	X						X										X				5	
15. B5A-1	.5-1	1232	S	4 oz				X																Hold	1	
16. B5A-2	2-2.5	1233	S					X																Quantity Hits	1	
17. B5A-3	5.5-6	1237	S					X																Quantity Hits	1	
18. B5A-W		1240	W	Amber/VOA	X						X										X				5	

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-17-04 1300	[signature]	10/17/04 1300
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

Turn Around Time: 24 HR 48 HR 5 DAY

Table 720-1
Method A Cleanup Levels for Ground Water.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	5 ug/liter[b]
Benzene	71-43-2	5 ug/liter[c]
Benzo(a)pyrene	50-32-8	0.1 ug/liter[d]
Cadmium	7440-43-9	5 ug/liter[e]
Chromium (Total)	7440-47-3	50 ug/liter[f]
DDT	50-29-3	0.3 ug/liter[g]
1,2 Dichloroethane (EDC)	107-06-2	5 ug/liter[h]
Ethylbenzene	100-41-4	700 ug/liter[i]
Ethylene dibromide (EDB)	106-93-4	0.01 ug/liter[j]
Gross Alpha Particle Activity		15 pCi/liter[k]
Gross Beta Particle Activity		4 mrem/yr[l]
Lead	7439-92-1	15 ug/liter[m]
Lindane	58-89-9	0.2 ug/liter[n]
Methylene chloride	75-09-2	5 ug/liter[o]
Mercury	7439-97-6	2 ug/liter[p]
MTBE	1634-04-4	20 ug/liter[q]
Naphthalenes	91-20-3	160 ug/liter[r]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB mixtures		0.1 ug/liter[s]
Radium 226 and 228		5 pCi/liter[t]
Radium 226		3 pCi/liter[u]
Tetrachloroethylene	127-18-4	5 ug/liter[v]
Toluene	108-88-3	1,000 ug/liter[w]
Total Petroleum Hydrocarbons[x] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		

Gasoline Range Organics		
Benzene present in ground water		800 ug/liter
No detectable benzene in ground water		1,000 ug/liter
Diesel Range Organics		500 ug/liter
Heavy Oils		500 ug/liter
Mineral Oil		500 ug/liter
1,1,1 Trichloroethane	71-55-6	200 ug/liter[y]
Trichloroethylene	79-01-6	5 ug/liter[z]
Vinyl chloride	75-01-4	0.2 ug/liter[aa]
Xylenes	1330-20-7	1,000 ug/liter[bb]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for drinking water beneficial uses at sites undergoing routine cleanup actions or those sites with relatively few hazardous substances. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table should not automatically be used to define cleanup levels that must be met for financial, real estate, insurance coverage or placement, or similar transactions or purposes. Exceedances of the values in this table do not necessarily mean the ground water must be restored to those levels at all sites. The level of restoration depends on the remedy selected under WAC 173-340-350 through 173-340-390.

b **Arsenic.** Cleanup level based on background concentrations for state of Washington.

c **Benzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

d **Benzo(a)pyrene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk. If other carcinogenic PAHs are suspected of being present at the site, test for them and use this value as the total concentration that all carcinogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8).

e **Cadmium.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.62).

f **Chromium (Total).** Cleanup level based on concentration derived using Equation 720-1 for hexavalent chromium. This is a total value for chromium III and chromium VI. If just chromium III is present at the site, a cleanup level of 100 ug/l may be used (based on WAC 246-290-310 and 40 C.F.R. 141.62).

g **DDT (dichlorodiphenyltrichloroethane).** Cleanup levels based on concentration derived using Equation 720-2.

h **1,2 Dichloroethane (ethylene dichloride or EDC).** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

i **Ethylbenzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

are #6 fuel oil, bunker C oil, hydraulic oil and waste oil. The cleanup level is based on protection from noncarcinogenic effects during drinking water use, assuming a product composition similar to diesel fuel. The ground water cleanup level for any carcinogenic components of the petroleum [such as benzene, PAHs and PCBs] and any noncarcinogenic components [such as ethylbenzene, toluene, xylenes and naphthalenes], if present at the site, must also be met. See Table 830-1 for the minimum testing requirements for heavy oil releases.

Mineral oil means non-PCB mineral oil, typically used as an insulator and coolant in electrical devices such as transformers and capacitors measured using NWTPH-Dx. The cleanup level is based on protection from noncarcinogenic effects during drinking water use. Sites using this cleanup level must analyze ground water samples for PCBs and meet the PCB cleanup level in this table unless it can be demonstrated that: (1) The release originated from an electrical device manufactured after July 1, 1979; or (2) oil containing PCBs was never used in the equipment suspected as the source of the release; or (3) it can be documented that the oil released was recently tested and did not contain PCBs. Method B (or Method C, if applicable) must be used for releases of oils containing greater than 50 ppm PCBs. See Table 830-1 for the minimum testing requirements for mineral oil releases.

y **1,1,1 Trichloroethane.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

z **Trichloroethylene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

aa **Vinyl chloride.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk.

bb **Xylenes.** Cleanup level based on xylene not exceeding the maximum allowed cleanup level in this table for total petroleum hydrocarbons and on prevention of adverse aesthetic characteristics. This is a total value for all xylenes.

Table 740-1
Method A Soil Cleanup Levels for Unrestricted Land Uses.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	20 mg/kg[b]
Benzene	71-43-2	0.03 mg/kg[c]
Benzo(a)pyrene	50-32-8	0.1 mg/kg[d]
Cadmium	7440-43-9	2 mg/kg[e]
Chromium		
Chromium VI	18540-29-9	19 mg/kg[f1]
Chromium III	16065-83-1	2,000 mg/kg[f2]
DDT	50-29-3	3 mg/kg[g]
Ethylbenzene	100-41-4	6 mg/kg[h]
Ethylene dibromide (EDB)	106-93-4	0.005 mg/kg[i]
Lead	7439-92-1	250 mg/kg[j]

Lindane	58-89-9	0.01 mg/kg[k]
Methylene chloride	75-09-2	0.02 mg/kg[l]
Mercury (inorganic)	7439-97-6	2 mg/kg[m]
MTBE	1634-04-4	0.1 mg/kg[n]
Naphthalenes	91-20-3	5 mg/kg[o]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB Mixtures		1 mg/kg[p]
Tetrachloroethylene	127-18-4	0.05 mg/kg[q]
Toluene	108-88-3	7 mg/kg[r]
Total Petroleum Hydrocarbons[s] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		
Gasoline Range Organics		
Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture		100 mg/kg
All other gasoline mixtures		30 mg/kg
Diesel Range Organics		2,000 mg/kg
Heavy Oils		2,000 mg/kg
Mineral Oil		4,000 mg/kg
1,1,1 Trichloroethane	71-55-6	2 mg/kg[t]
Trichloroethylene	79-01-6	0.03 mg/kg[u]
Xylenes	1330-20-7	9 mg/kg[v]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for sites undergoing routine cleanup actions or for sites with relatively few hazardous substances, and the site qualifies under WAC 173-340-7491 for an exclusion from conducting a simplified or site-specific terrestrial ecological evaluation, or it can be demonstrated using a terrestrial ecological evaluation under WAC 173-340-7492 or 173-340-7493 that the values in this table are ecologically protective for the site. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn Motel	Project #: EHC04001
Address: 3520 Pacific Hwy E	Well/Test Pit #: B1A
Fife, WA 98424	Date: 6-17-04
Client:	EHC Rep: CJTS

Ft.	Soil Description	GW
1	Dic soil, twigs, grass	
2	Silty sand, moist, brown	
3	Wet silty sand, med-fine	▽
4		
5		
6		
7		
8		
9		
10		

Well: As-Built Design

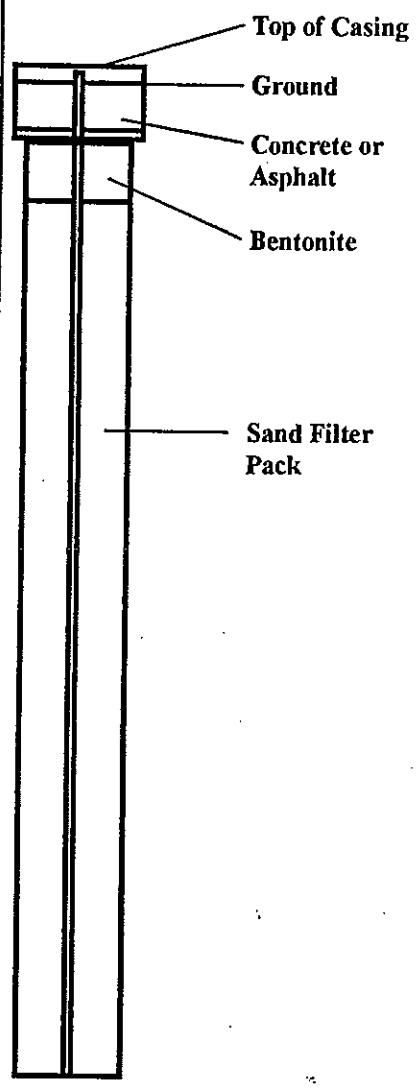

Legend/Notes: Start: 0953
Stop: 1003
GW: 2.5'

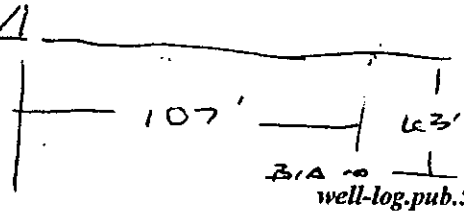

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Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: HOMETEL INN MOTEL
Address: 3520 PACIFIC HWY E
FIFE, WA 98424
Client:

Project #: EHC040601
Well/Test Pit #: B2A
Date: 6-17-04
EHC Rep: SJS

Ft.	Soil Description	GW		PID	
1	GRAVEL, MED-COARSE SAND			9.2	
2	MED-COARSE SAND				
3	SILTY SAND, FINES MOIST				
4	WET FINE-MED SAND	▽		0.1	
5					
6				0.5	
7					
8					
9					
10					

Well: As-Built Design

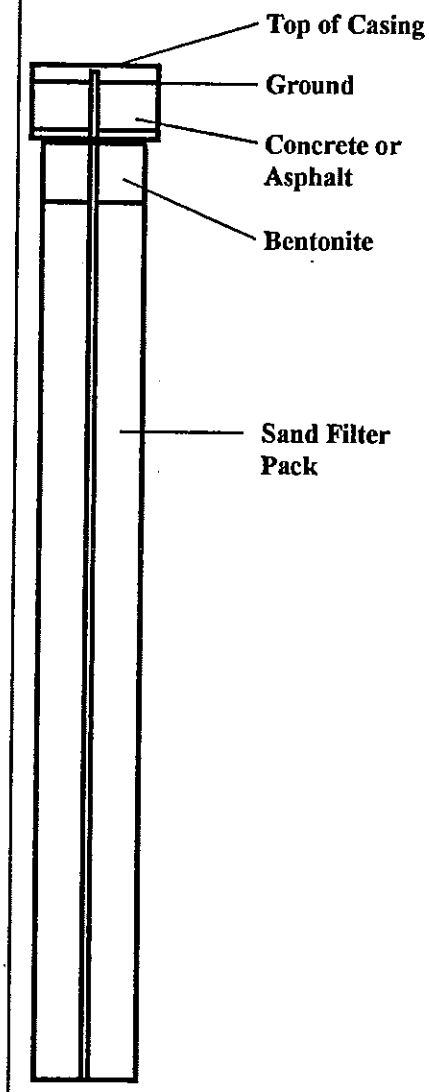

Legend/Notes: START: 1032
STOP 1104Z
GW: ~~3.75'~~ 3.0'

0.5'
B2A
38'

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ENVIRONMENTAL HAZARDS CONTROL

Project: Hometer Inn Motel
Address: 3520 Pacific Hwy E
Fife, WA
Client: Kevin Green

Project #: E14C0401
Well/Test Pit #: B3A
Date: 4-17-04
EHC Rep: OTS

Ft.	Soil Description	GW		T-6
1	Gravel, med-coarse			
2	sand, possible			
3	fill in sampler			
4				
5	Wet silty sand	▽		4.0
6	Fine-med sands			
7				5.7
8	" " " " " " " "			
9				
10				

Well: As-Built Design

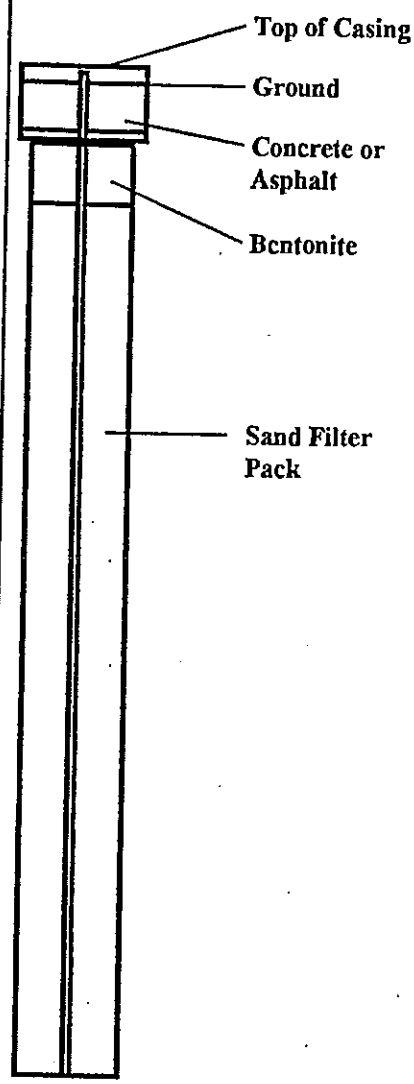

Legend/Notes: Start: 1055
Stop: 1113
GW: 4.0'

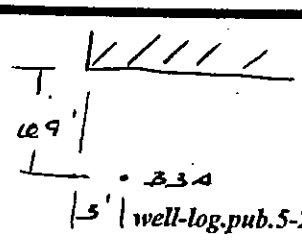

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Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: HOMETOWN INN MOTEL
Address: 3520 PACIFIC HWY E
FIFE, WA 98424
Client:

Project #: EHC04061
Well/Test Pit #: 34A
Date: 6-17-04
EHC Rep: SJS

Ft.	Soil Description	GW		PID	Well: As-Built Design
1	GRAVEL, MED - COARSE SAND				
2				4.9	
3					
4	FINE - MED SAND	▽		8.0	
5	WET SANDS				
6					
7				7.7	
8					
9					
10					

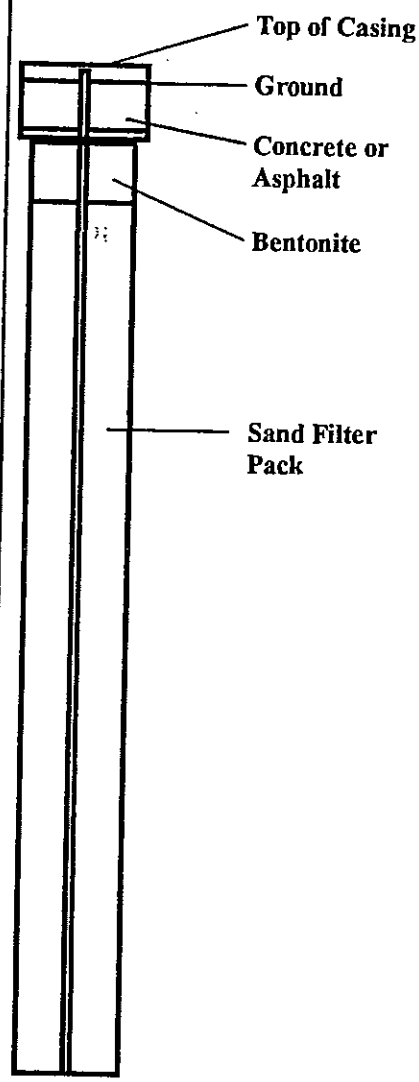

Legend/Notes: START: 1135
STOP: 1150
GW: 3.5'

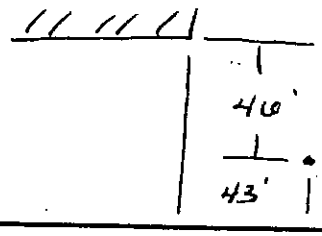

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Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Homestead Inn Motel	Project #: ENCD4001
Address: 3520 Pacific Hwy E	Well/Test Pit #: B5A
Fife, WA 98424	Date: 12-17-04
Client:	EHC Rep: SJS

Ft.	Soil Description	GW		PID	
1	Grass on med sand / Top soil			12.7	
2	Gravel, med - coarse sands				
3				9.4	
4	+				
5	Moist med-fine sand	▽			
6	Wet med-fine sands silty sands			9.2	
7					
8					
9					
10					

Well: As-Built Design

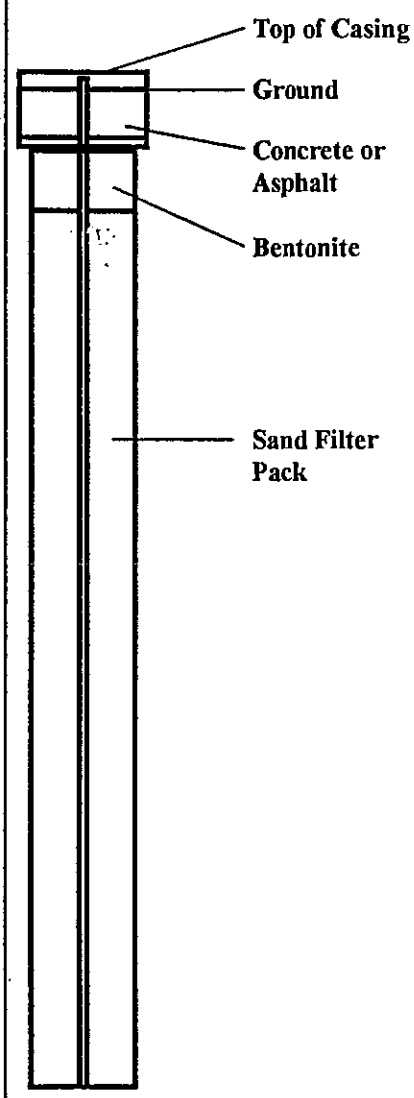

Legend/Notes: Start: 1210
Stop: 1225
GW: 4'

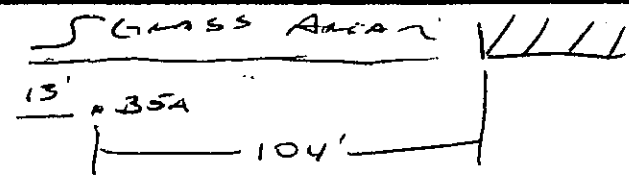

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Seattle: (253) 874-6556 Tacoma: (253) 925-1060

Project: EHC04061
Hometel Inn Motel, 3520 Pacific Highway East, Fife, Washington
June 25, 2004

Equipment List

Attachment 6

The following is a list of equipment used by EHC during the *Subsurface Investigation* and related work at 3520 Pacific Highway East, Fife, Washington.

1. Photo ionizing detector with microtip (Photovac series 2020)
2. Disposable coveralls
3. Disposable latex gloves
4. Distilled/de-ionized water (2 gallons)
5. Trisodium phosphate
6. Paper towels
7. Sealable plastic bags
8. Utility knife
9. Measuring tape (25' and 300')
10. Flash light
11. Tools kit (ratchet, sockets, Allen wrenches, pliers, screw drivers, etc.)
12. 4 ounce glass jars
13. VOAs for volatile organic in groundwater
14. Amber bottles (1/2 liter)
15. Stainless steel trowel
16. Hand wipes (unscented)
17. Numerous orange cones for directing traffic and cordoning off work areas.
18. Department of Transportation approved sign indicating "Road Work Ahead".

FIFE, WASHINGTON
PHASE I AND LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT

APRIL 2004

ROBINSON & NOBLE, INC.
and
Saltbush Environmental Services
GROUNDWATER & ENVIRONMENTAL SCIENTISTS
Established 1947

5320 ORCHARD STREET WEST
TACOMA, WASHINGTON 98467
(253) 475-7711 • FAX 472-5846

Table #1 Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene and Xylenes in soil (results in mg/kg)

Analyte/ Sample ID	Gasoline	Diesel	Mineral Oil	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B1 #1	34	ND	ND	ND	0.61	0.60	0.40	1.0
B1 #2	69	ND	ND	ND	1.04	0.83	3.28	2.1
B2 #3	ND	ND	ND	71	-	-	-	-
B2 #4	ND	ND	ND	ND	-	-	-	-
B3	ND	ND	ND	ND	-	-	-	-
B4	ND	ND	ND	ND	-	-	-	-
B5	ND	ND	ND	ND	-	-	-	-
B6	ND	ND	ND	ND	-	-	-	-
B7	ND	ND	ND	ND	-	-	-	-
B8	ND	ND	ND	ND	-	-	-	-
B9	ND	ND	ND	ND	-	-	-	-
B10	ND	ND	ND	290	-	-	-	-
MTCA A	30	2,000	4,000	2,000	0.03	7	6	9

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for soil
ND indicates below the laboratory detection limit

Table #2 Heavy Metals in soil (results in mg/kg)

Analyte/ Sample ID	Lead	Chromium	Cadmium	Arsenic	Mercury
B1 #1	3.0	8.8	ND	ND	ND
B1 #2	4.2	5.3	ND	ND	ND
B2 #3	4.5	3.2	ND	ND	ND
B2 #4	1.9	6.3	ND	2.1	ND
B3	7.3	2.9	ND	ND	ND
B4	1.7	2.1	ND	ND	ND
B5	ND	ND	ND	4.3	ND
B6	4.6	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND
B8	13	5.5	ND	ND	ND
B9	ND	3.0	ND	ND	ND
B10	2.0	6.7	ND	ND	ND
MTCA A	250	2000	2	20	2

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for soils
ND indicates below the laboratory detection limit

Laboratory analysis of ground water collected from boring B1 indicated concentrations of gasoline (21,700 µg/L), benzene (3,100 µg/L) and ethylbenzene (1,730 µg/L) above the MTCA method A cleanup levels (gasoline: 800 µg/L, benzene: 5 µg/L, ethylbenzene: 700 µg/L) for ground water and ground water collected from boring B2 had concentrations of benzene (9.6 µg/L) above MTCA Method A cleanup levels. Groundwater samples collected were also analyzed for heavy metals, which included arsenic, cadmium, chromium, lead and mercury. Samples analyzed indicated concentrations of arsenic, chromium and lead above the MTCA Method A cleanup levels in all of the boring locations except for boring B6. The following tables summarize the laboratory analysis of ground water.

Table #3 Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene and Xylenes in Ground Water (results in µg/L) yes

Analyte/ Sample ID	Gasoline	Diesel	Mineral Oil	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B1	21,700	ND	ND	ND	3,100	189	1,730	19
B2	230	ND	ND	ND	9.6	ND	ND	7.5
B3	ND	ND	ND	ND	ND	ND	ND	ND
B4	ND	ND	ND	ND	ND	ND	ND	ND
B5	ND	ND	ND	ND	ND	ND	ND	ND
B6	ND	ND	ND	ND	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND	ND	ND	ND
B8	ND	ND	ND	ND	ND	ND	ND	ND
B9	ND	ND	ND	ND	ND	ND	ND	ND
B10	ND	ND	ND	ND	ND	ND	ND	ND
MTCA A	800	500	500	500	5	1,000	700	1,000

Table #4 Heavy Metals in Ground Water (results in µg/L) No in mg/l

Analyte/ Sample ID	Lead	Chromium	Cadmium	Arsenic	Mercury
B1	0.13	0.06	ND	0.024	ND
B2	0.020	0.02	ND	0.047	ND
B3	ND	0.13	ND	0.005	ND
B4	0.002	0.03	ND	0.005	ND
B5	0.170	0.35	ND	0.012	ND
B6	ND	ND	ND	ND	ND
B7	0.009	0.10	ND	0.041	ND
B8	0.005	0.40	ND	0.015	ND
B9	0.050	0.20	ND	0.046	ND
B10	0.008	0.05	ND	0.069	ND
MTCA A	0.015	0.05	0.005	0.005	0.015

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for ground water
ND indicates below the laboratory detection limit

6.2 Limited Phase II Conclusion

This limited Phase II Environmental Site Assessment (sampling and analysis of ground water and soil) was conducted to determine if the subject site was impacted from conditions discovered during the Phase I investigation. These conditions include the historical presence of a gas station to the west of the subject, two current gas stations to the north of the subject, (which are currently involved in or have had cleanup operations due to leaking underground storage tanks), and the unknown disposition of approximately 3-5 feet of fill material residing on the subject site.

Analysis of soil and groundwater samples indicate that the northwestern portion of the site is impacted by gasoline-range petroleum hydrocarbons and benzene in soil and gasoline-range petroleum, benzene and ethylbenzene in ground water in concentrations above MTCA Method A cleanup levels for ground water and soil. It is unknown from the data collected to date as to where the source of this contamination is and additional investigation would be required to determine

the source. This additional investigation should include groundwater monitoring wells and additional soil borings and laboratory analysis. Also, it appears ground water is impacted with concentrations of arsenic, chromium and lead above MTCA Method A cleanup levels below the subject site. It is unknown whether an off-site condition or the resident fill material is the source of this groundwater contamination. Additional investigation of the soils can be conducted in conjunction with the investigation into the petroleum-impacted soils.

7.0 Findings, Conclusions and Recommendations

7.1 Findings and Conclusions

The subject property consists of two commercially zoned parcels of land. These parcels are currently used for commercial business operations. The surrounding properties are various commercial businesses including gas stations, office buildings, a motel, and a restaurant.

We have performed Phase I and Limited Phase II Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of 3402 and 3520 Pacific Highway East, Fife, Washington 98424. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this document. This assessment has not revealed evidence of recognized environmental conditions except for the following:

- Approximately one to three feet of fill material is present on the subject parcels. The Limited Phase II investigation conducted did not reflect environmental impacted soils. However, ground water under the subject site is impacted with arsenic, chromium and lead above MTCA Method A cleanup levels for ground water. It is unknown at this time whether or not the ground water is impacted from the fill or an off-site source.
- A historical gas station was located adjacent to the west and two current gas stations with leaking underground storage tanks are located to the north of the subject. There was no information on the historical gas station but Washington Department of Ecology files were reviewed for this project for the two current stations. These reports indicated that the Sac's Chevron site located adjacent to the subject site (northwest of subject) was reported as cleaned up and a NFA was granted by Ecology. The other gas station site, Texaco (Shell) station, is located northwest and across Pacific Highway East from the subject. During the upgrade of their underground storage tanks, contaminated soil and ground water was encountered. A portion of the contaminated soil was removed and a vapor extraction system and groundwater monitoring wells were installed. A note in the file from Lynn Gooding, Department of Ecology, dated February 2002 indicated that quarterly monitoring is continuing and that the contamination plume is still not defined and may be off-site.

  A Limited Phase II investigation was conducted to determine if these sites might have impacted the subject site. Soil borings were placed along the northwestern boundary of the subject. Soil and groundwater samples collected and analyzed indicated the presence of gasoline-range petroleum hydrocarbons, benzene and ethylbenzene above the MTCA Method A cleanup levels for both soil and ground water. There is not enough data at this time to determine the likely source of contamination.

7.2 Recommendations

Additional study should be conducted to determine the aerial and lateral extent of petroleum contamination found in the northwest portion of the subject property. This investigation should also include steps to determine the impact of arsenic, chromium, and lead to ground water and whether the source is from on- or off-site sources. Recommended study includes the installation of

groundwater monitoring wells, additional soil borings and sampling and analysis of soil and groundwater samples. Groundwater monitoring wells will help to determine local ground water gradient to facilitate the determination of potential sources of contamination.

8.0 References

Federal, State, and Local Agency Records

EDR Radius Map with GeoCheck, EDR, Inc. February 18, 2004
Washington Department of Ecology Files
Washington State Transportation Department Map (1936)

Library Research Tools

Polk's Suburban Directories
Sanborn Fire Insurance Maps
Metsker Historical Atlases

Other Sources

Pierce County Assessor-Treasurer's Office
City Tacoma Geographic Information System
U. S. Department of the Interior - Geological Survey - 7.5-Minute Series
U. S. Department of Agriculture - Soil Survey Pierce County, Washington 1979
Aerolist Photographers - Aerial Photographs
EDR Historical Topographic Map Report February 23, 2004
Draft Phase I Environmental Site Assessment Fife Retail Complex 3408-3508 Pacific Highway East, Fife, Washington Environmental Resources Management, February 2000
Phase I Environmental Site Assessment Hometel Inn Motel 3520 Pacific Highway East, Fife, Washington NVL Laboratories, Inc. June 2002

9.0 Closure

This concludes the Phase I and Limited Phase II Environmental Site Assessment of two parcels located in Pierce County Washington. Questions regarding the contents of this report should be addressed to the project manager. The professional qualifications of the preparers of the report are listed in Appendix E to this document.

The statements, conclusions, and recommendations provided in this report are to be used exclusively within the context of this document. They are based upon generally accepted environmental and hydrogeologic practices and are the result of analysis by Robinson, Noble & Saltbush, Inc. staff. This report, and any attachments to it, is for the exclusive use of the Puyallup Tribe of Indians and Mr. Eugene Mudarri. Unless specifically stated in the document, no warranty, expressed or implied, is made.

APPENDIX A

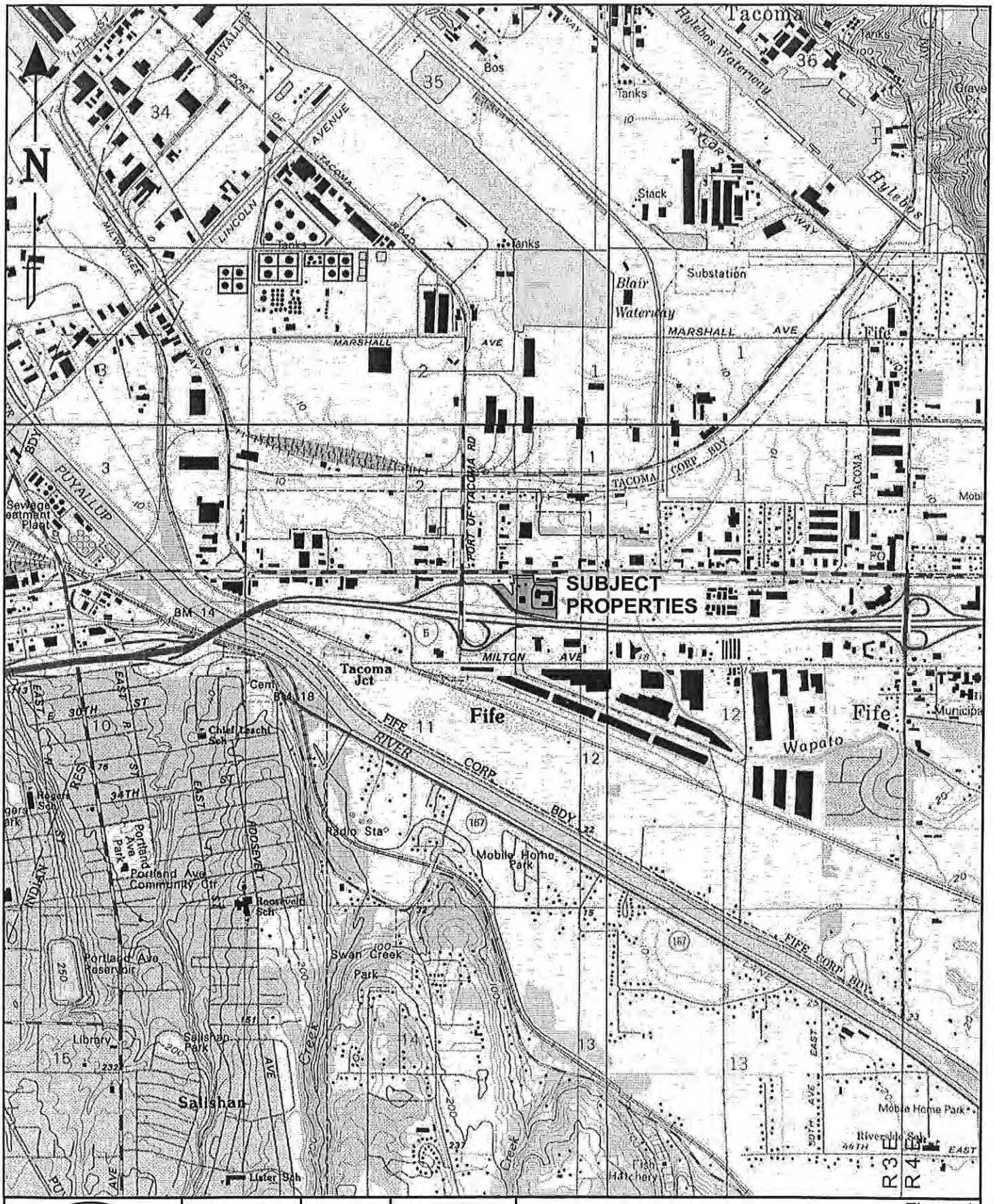

ROBINSON & NOBLE, INC.	Note: Basemap taken from USGS Puyallup Quadrangle	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Scale 1" = 2000'	Figure 1 Vicinity Map Puyallup Tribe of Indians:Fife Parcels Phase 1 ESA

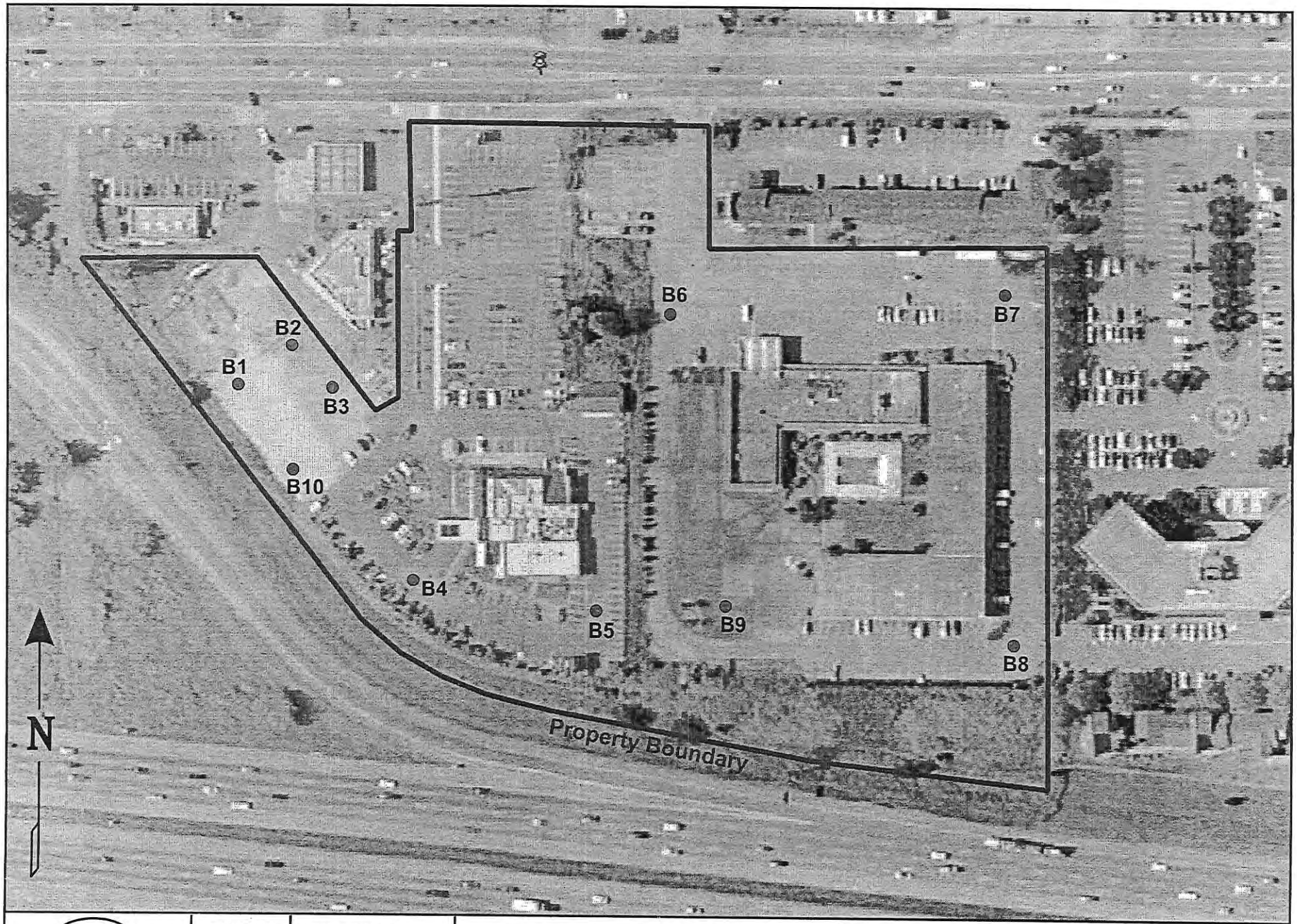

ROBINSON & NOBLE, INC.	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Drawing Not to Scale	Figure 2 Boring Location Map Puyallup Tribe of Indians:Fife Parcels Phase 1 ESA

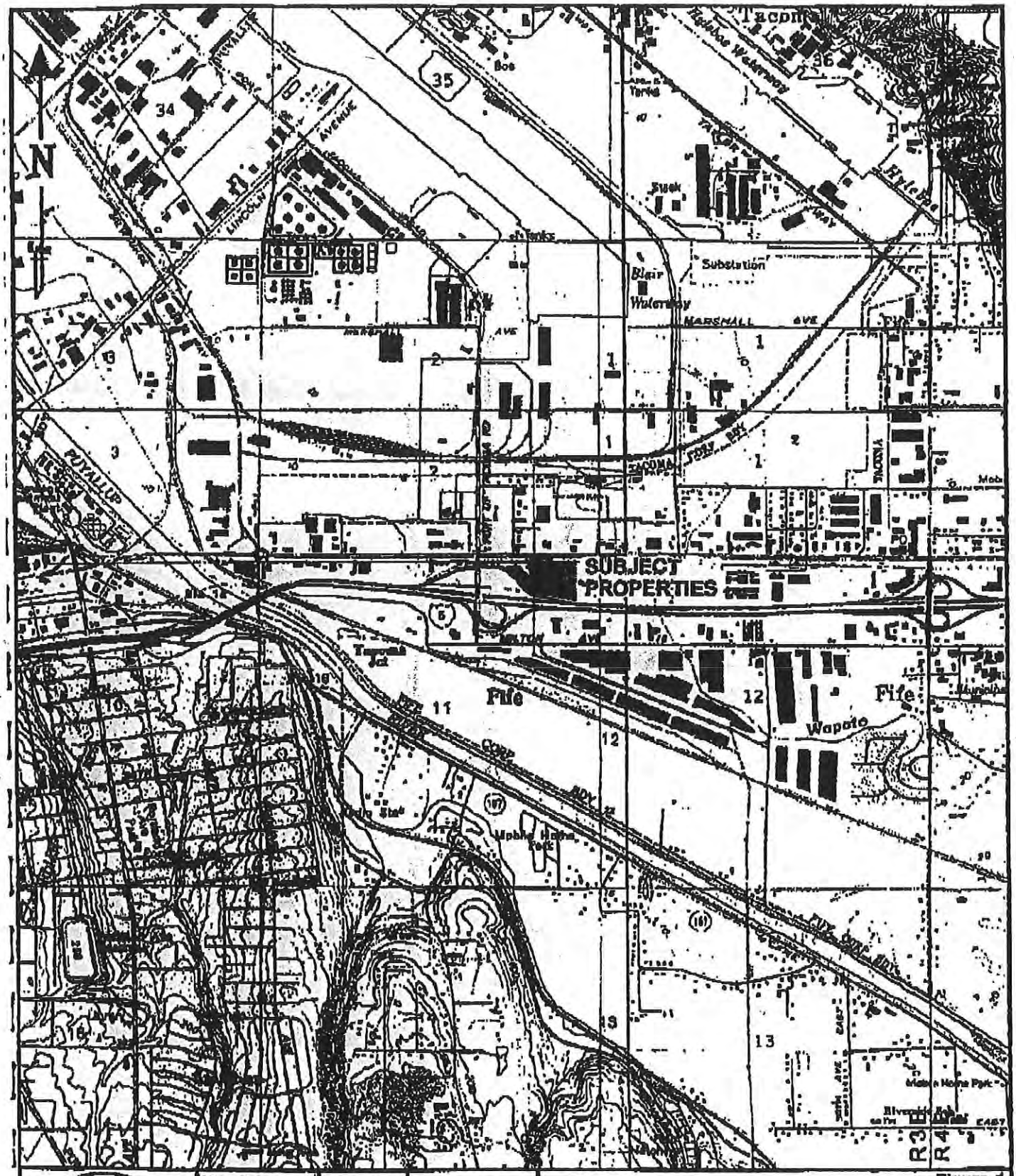

ROBINSON & NOBLE, INC.	Note: Basemap taken from USGS Puyallup Quadrangle	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Scale 1" = 2000'

Figure 1
Vicinity Map
Fife Parcels Phase 1 ESA

ROBINSON & NOBLE, INC.

PNR: TVS
April 2004
1757-004A

Pierce County
T 20 N R 5 E - 11
Drawing Not to Scale

Metals

listed detection limits

prevents determination

FAB RECOVERY LIMITS FOR SURROGATES

48 HOUR TAT

Marlin Farmer

Heavy Metals in Soil by EPA-3000 Series

Sample	Date Analyzed	Lead (Pb) EPA 7420 (mg/kg)	Cadmium (Cd) EPA 7110 (mg/kg)	Chromium (Cr) EPA 7190 (mg/kg)	Arsenic (As) EPA 7061 (mg/kg)	Mercury (Hg) EPA 7471 (mg/kg)
		60	80	100	130	65
		60	75	100	90	70
		140	180	220	270	45
		110	130	170	85	65

Client Project #ENC0422

Environmental Board Control

Tacoma, Washington

Date: 5/4/04
Time: 1:00 pm
Fax #: 253-474-6556
Attn: Marlin Farmer

Date: 5-04
# of pages:
From: Marlin
Phone #: 253-474-6556

(24 Hour TAT = 48 hour + 30% Surcharge)

Figure 2
Boring Location Map
Fife Parcels Phase 1 ESA

APPENDIX B

In report given to client, Appendix B contained the EDR. To view EDR report, go to Phase I and II storage boxes in JFH's office.

Russell & Associates
Wetlands • Wildlife • Septic Designs

May 12, 2003

Star Lodging of the Northwest, c/o
Mr. Rod Giffels
Insignia Kidder Mathews
1201 Pacific Avenue, Suite 1400
Tacoma, Washington 98402

RE: Wetland review of Hometel Inn property, City of Fife, 3520 Pacific Highway East, Pierce County Parcel #0320111049

Dear Mr. Giffels:

This letter report discusses the wetland review completed at your request on a 5.22 acre parcel located north of SR 5, along Pacific Highway East, in the City of Fife, Pierce County, Washington (see attached vicinity map). The field review was completed during two site visits, in April of 2003.

The purpose of this wetland review is to determine if any wetlands are present on or within 150 feet of the project site which would be regulated by the City of Fife Critical Areas Ordinance, Title 17. This review was requested in conjunction with the possible future re-development of the project site, which is currently used as a motel lodging facility. Future development of the site may restructure development on the property, and expand parking and structural facilities. The City of Fife will require wetland review of this site in conjunction with the development review process.

Wetland determinations were made using observable vegetation, hydrology, and soils in accordance with the *Corps of Engineers 1987 Wetland Delineation Manual*, and the 1997 *Washington State Wetlands Delineation Manual.* A National Wetland Inventory Map (NWI) of the U.S. Fish and Wildlife Service was also evaluated, but showed no wetlands mapped within the bounds of the project area.

1414 McCorkle Rd SE • Olympia, Washington 98501 • Phone: (360) 352-1526 • Fax: (360) 352-1558

The project site is located in the northeast quarter of Section 11, Township 20 North, Range 3 East, W.M. The project area is made up of one parcel, Pierce County parcel #0320111049. The project area is a roughly square shaped parcel which abuts Pacific Highway East on the north, and SR 5 right of way on the south. A recently constructed commercial entertainment facility borders the site on the west, and a commercial business center on the east. There are several structures located on the site, with associated parking areas located around the perimeter of the property. The subject property totals approximately 5.22 acres in size.

General land use in the vicinity of the project site is mostly commercial development, with scattered residential uses scattered throughout the area. Large tracts of industrial development is located north of the project site, in the Port of Tacoma area. SR 5, the main north-south arterial along the West Coast, is located to the south of the project area. Topography of the site is flat.

Soils in the project vicinity were mainly formed in alluvium in the Puyallup River Valley. Soils on the project site are mapped as Sultan silt loam, 0-2% slopes, and Briscot loam, 0-2% slopes. The Sultan series is mapped over the western two thirds of the site, while the Briscot series is mapped over the eastern third of the site. The Sultan series is described by the Natural Resource Conservation Service in the Pierce County Soil Survey as being moderately well drained, having been formed in alluvium under deciduous and coniferous trees, and is extensive in the Puyallup Valley. In a typical profile, the surface layer is dark grayish brown silt loam about 14 inches thick. The underlying material to a depth of 34 inches is mottled, brown silt loam and dark yellowish brown very fine sandy loam. To a depth of more than 60 inches, is mottled, dark gray fine sandy loam, gray silty clay loam, very dark grayish brown fine sand, and dark yellowish brown silt loam.

The Briscot series is described as somewhat poorly drained. It formed in alluvium under hardwoods and conifers in the Puyallup River Valley. In a typical profile, the surface layer is dark brown loam about 11 inches thick. The underlying material, to a depth of 29 inches, is mottled, dark grayish brown fine sandy loam and silt loam, between depths of 29 and more than 60 inches, it is mottled very dark grayish brown sand and gray silty clay loam. Of these two soil series, the Briscot series is classified by the NRCS as a hydric soil.

The majority of the site is developed, and soils are not accessible for evaluation. The only exceptions to this are the areas along SR 5 in the southern end of the site, and along the west side of the property, adjacent to the casino property to the west. Soils along the west boundary of the site appear to mainly be fill material, and are sand or gravelly sand in texture. No wetland indicators were observed in soils along the west boundary of the site. Soils in the southern portion of the site appear to be disturbed, native soils that have not been filled. Soils in this portion of the site are varied, with some soils observed indicative of seasonal saturation, while other profiles appear to be moderately well drained, and somewhat consistent with the Sultan series description. A general profile observed is a 10YR 3/3 silt loam from 0-10 inches with no redoximporphic features.

From 10-18 inches, the "B" horizon is generally 10YR 3/4 silt loam. Another general profile observed along the southern end of the site is a 10YR 3/2 silt loam from 0-9 inches, with 7.5YR 4/6 soft iron masses, and oxidized root zones. From 9-18 inches, soils are 10YR 4/1 silt loam with 5YR 4/4 iron soft masses. These profiles are scattered throughout the southern boundary of the site, which is approximately 50 feet wide from the edge of the paved parking area to the chain link fence along the SR 5 right of way.

While the majority of the site is dominated by development (paved parking areas and buildings), native vegetation was observed along the western and southern site boundaries. These areas are generally dominated by invasive species normally established in disturbed areas. Species observed in these areas include: reed canarygrass, Himalayan blackberry, Japanese knotweed, and horsetail. The western boundary of the site is mainly dominated by a monoculture of reed canarygrass. The southern site boundary is a mix of the species previously mentioned. Vegetation observed around the developed portion of the site mainly consists of lawn grasses, and ornamental landscaping species.

Hydrology or indicators of hydrology within 12 inches of the soil surface was observed in scattered locations along the southern portion of the site during April field work. Saturation ranging from 6-12 inches was observed in various locations in this area. However, it appears that these areas are isolated small depressions, and not connected to each other. There is also a ditch which bisects the southern portion of the site from east to west. Standing water was observed in the ditch during April field work. However, it appears that this ditch was generally dug in an upland area for the purpose of drainage, and would therefore not be classified as a jurisdictional wetland. Saturated soils were generally observed in the southeastern corner of the site.

As a result of the site evaluation, it does not appear that there are any wetlands on the site over which the City of Fife would assert jurisdiction. Under the City of Fife Critical Areas Ordinance, wetlands must be at least 2,500 square feet in size to be regulated. Although there are a few areas in the southern portion of the site which meet wetland criteria, these areas are under 2,500 square feet in size and are not connected to larger wetland areas.

Although the City of Fife has final authority in determination of wetland categories and boundaries, I believe this report accurately reflects current conditions on the project site. I have attached field data forms taken along the southern portion of the site to justify my findings.

Should you have any questions, please feel free to call me at (360) 789-3607.

Sincerely,

Eric Russell
Russell & Associates, LLC

Attachment: Field data forms
Vicinity map

cc: Mike Luna, Sadler Barnard and Associates, 12714 Valley Avenue East, Suite B
Sumner, Wa. 98390

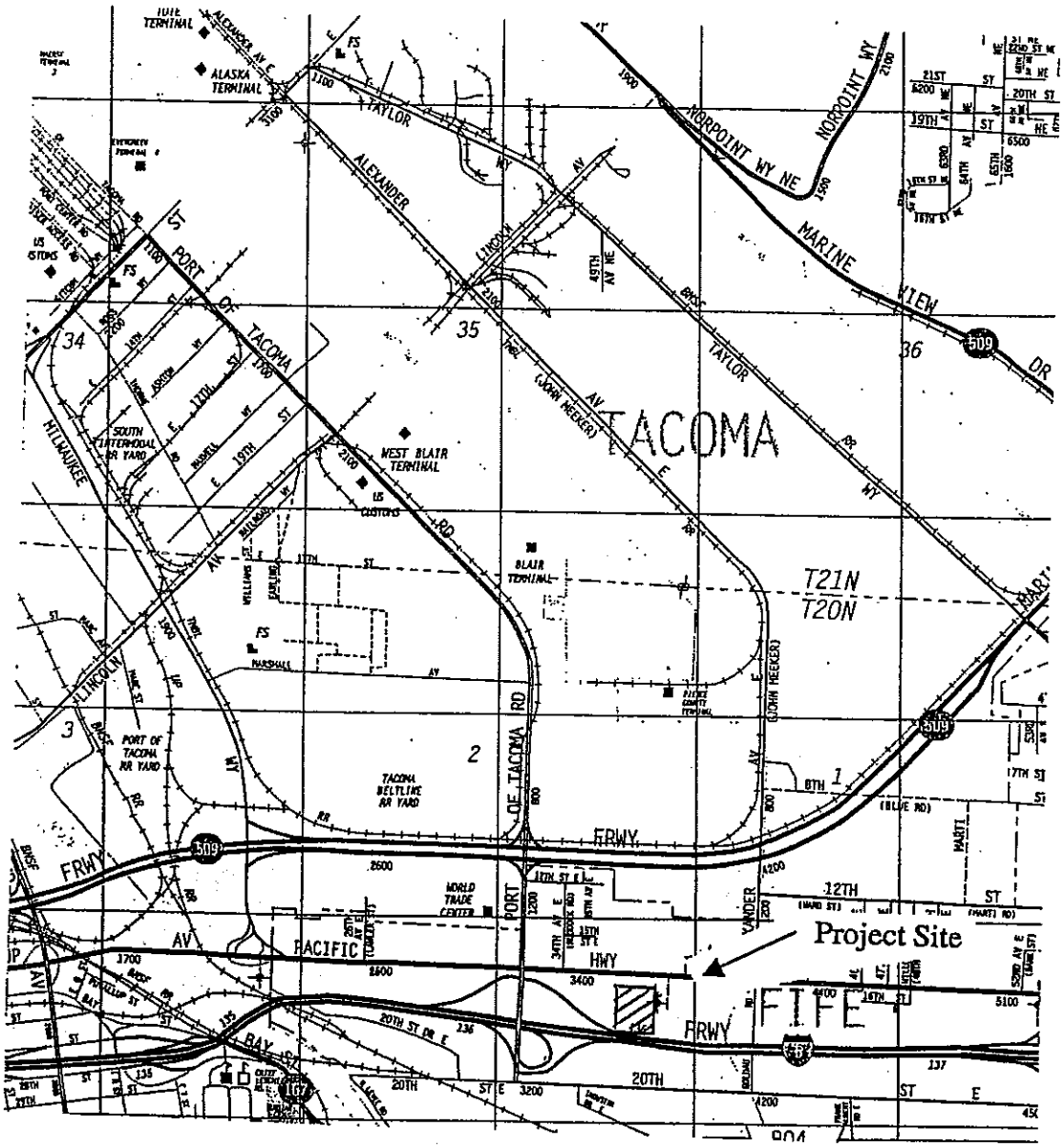

Project Vicinity Map.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: HOMETEL INN SITE Applicant/Owner: STAR LODGING OF THE NORTHWEST Investigator: RUSSELL	Date: 5/8/03 County: PIERCE State: WA
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: — Transect ID: — Plot ID: #1 SE CORNER OF SITE

ALONG SR 5 ROW FENCE

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. PHALARIS ARUNDINACEA	H	FACW	9.		
2. RUBUS DISCOLOR	S	FACW	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%

Remarks: 50% OF SPECIES ARE FAC OR WETTER.

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other ✓ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated X Saturated in Upper 12 Inches ___ Water Marks ___ Drift Lines ___ Sediment Deposits ___ Drainage Patterns in Wetlands
Field Observations: Depth of Surface Water: — (in.) Depth to Free Water in Pit: 10 (in.) Depth to Saturated Soil: 6 (in.)	Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 Inches ___ Water-Stained Leaves ___ Local Soil Survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)

Remarks: HYDROLOGY INDICATORS OBSERVED.

1

SOILS

Map Unit Name (Series and Phase): BRISCOT LOAM

Drainage Class: SOMEWHAT POORLY DRAINED

Field Observations Confirm Mapped Type? Yes No

Taxonomy (Subgroup):

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8	A	10YR 3/2	7.5YR 4/6	FEW/FAINT	SILT LOAM
8-16	B	10YR 4/1	5YR 4/4	COMMON/DISTINCT	SILT LOAM

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- X Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content in Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: HYDRIC SOIL INDICATORS OBSERVED.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No (Circle)
Wetland Hydrology Present?	Yes	No
Hydric Soils Present?	Yes	No

(Circle)

Is this Sampling Point Within a Wetland? Yes No

Remarks: MEETS WETLAND CRITERIA, BUT APPEARS TO BE AN ISOLATED, UNDER 3,500 SQ FT AREA.

Approved by HQUSACE 2/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: HOMETEL INN SITE Applicant/Owner: STAR LODGING OF THE NORTHWEST Investigator: RUSSELL	Date: 5/8/03 County: PIERCE State: WA
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: — Transect ID: — Plot ID: #2 APPX 50' WEST OF #1

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. PHALARIS ARUNDINACEA	H	FACW	9.		
2. RUBUS DISCOLOR	S	FACU	10.		
3. EQUISETUM ARVENSE	H	FAC	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 66%

Remarks: MORE THAN 50% OF SPECIES ARE FAC OR WETTER.

HYDROLOGY

— Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

— No Recorded Data Available

Field Observations:

Depth of Surface Water: — (in.)

Depth to Free Water in Pit: 10 (in.)

Depth to Saturated Soil: 8 (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- X Saturated in Upper 12 Inches
- ___ Water Marks
- ___ Drift Lines
- ___ Sediment Deposits
- ___ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 Inches
- ___ Water-Stained Leaves
- X Local Soil Survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks: HYDROLOGY INDICATORS OBSERVED.

(2)

SOILS

Map Unit Name (Series and Phase): BRUSCOT LOAM

Drainage Class: SOMEWHAT POORLY DRAINED

Field Observations Confirm Mapped Type? (Yes) No.

Taxonomy (Subgroup):

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-9	A	10YR 3/2	7.5YR 4/6	FEW/FAINT	SILT LOAM
9-18	B	10YR 4/1	5YR 4/4	FEW/PROM.	SILT LOAM

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- X Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content in Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- X Listed on Local Hydric Soils List
- X Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: HYDRIC SOIL INDICATORS OBSERVED.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	(Yes) No	(Circle)
Wetland Hydrology Present?	(Yes) No	
Hydric Soils Present?	(Yes) No	

Is this Sampling Point Within a Wetland? (Circle) (Yes) No

Remarks: APPEARS TO BE PART OF THE SAME DEPRESSION AS #1.

Approved by HQUSACE 2/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: HOMETEL INN SITE Applicant/Owner: STAR LODGING OF THE NORTHWEST Investigator: RUSSELL	Date: 5/8/03 County: PIERCE State: WA
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: — Transect ID: — Plot ID: #3 70' WEST OF #2

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. RUBUS DISCOLOR	S	FACU	9.		
2. EQUISETUM ARVENSE	H	FAC	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 50%

Remarks: 50% OF SPECIES ARE FAC OR WETTER.

HYDROLOGY

— Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other — No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated ___ Saturated in Upper 12 Inches ___ Water Marks ___ Drift Lines ___ Sediment Deposits ___ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 Inches ___ Water-Stained Leaves ___ Local Soil Survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
Field Observations: Depth of Surface Water: — (in.) Depth to Free Water in Pit: — (in.) Depth to Saturated Soil: — (in.)	

Remarks: NO HYDROLOGY INDICATORS OBSERVED.

3

SOILS

Map Unit Name (Series and Phase): SUTTAN SILT LOAM

Drainage Class: MOD.-WELL DR.

Field Observations Confirm Mapped Type? (Yes) No.

Taxonomy (Subgroup):

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-7	A	10YR 3/2	—	—	SILT LOAM
7-18	B	10YR 3/3	—	—	SILT LOAM

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content in Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: SOME IRON SOFT MASSES BELOW 12", BUT DOES NOT MEET HYDRIC CRITERIA.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	(Yes) No (Circle)	
Wetland Hydrology Present?	Yes (No)	
Hydric Soils Present?	Yes (No)	
Is this Sampling Point Within a Wetland?		(Circle) Yes (No)

Remarks: NO HYDROLOGY OR HYDRIC SOILS PRESENT.

Approved by HQUSACE 2/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site: HOMETEL INN SITE Applicant/Owner: STAR LODGING OF THE NORTHWEST Investigator: RUSSELL	Date: 5/8/03 County: PIERCE State: WA
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: — Transect ID: — Plot ID: #1 NEAR SW PROP CORNER

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. RUBUS DISCOLOR	S	FACU	9.		
2.			10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-). Ø

Remarks: NO SPECIES FAC OR WETTER.

HYDROLOGY

— Recorded Data (Describe in Remarks): __ Stream, Lake, or Tide Gauge __ Aerial Photographs __ Other — No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: __ Inundated __ Saturated in Upper 12 Inches __ Water Marks __ Drift Lines __ Sediment Deposits __ Drainage Patterns in Wetlands Secondary Indicators (2 or more required): __ Oxidized Root Channels in Upper 12 Inches __ Water-Stained Leaves __ Local Soil Survey Data __ FAC-Neutral Test __ Other (Explain in Remarks)
Field Observations: Depth of Surface Water: — (in.) Depth to Free Water in Pit: — (in.) Depth to Saturated Soil: — (in.)	

Remarks: NO HYDROLOGY INDICATORS OBSERVED.

4

SOILS

Map Unit Name (Series and Phase): SULTAN SILT LOAM

Drainage Class: MOD - WELL DR.

Field Observations Confirm Mapped Type? Yes No.

Taxonomy (Subgroup):

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-8	A	10YR 3/2	—	—	SILT LOAM
8-17	B	10YR 3/4	—	—	SILT LOAM

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content in Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: NO HYDRIC SOIL INDICATORS OBSERVED.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No (Circle)
Wetland Hydrology Present?	Yes	No
Hydric Soils Present?	Yes	No

(Circle)

Is this Sampling Point Within a Wetland? Yes No

Remarks: NO POSITIVE PARAMETERS OBSERVED.

Approved by HQUSACE 2/92

1. 3520 Pacific Hwy E, Fife, WA: NW corner of subject showing general location of B1A.

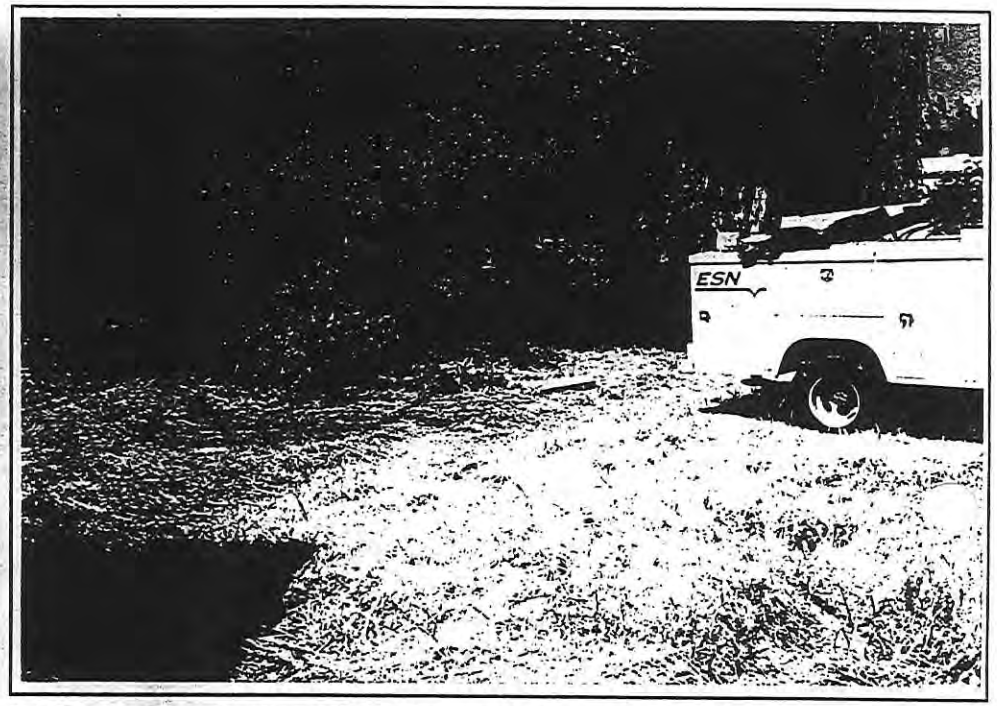

2. B1A area view showing sediment from ponding associated with stormwater run-off.

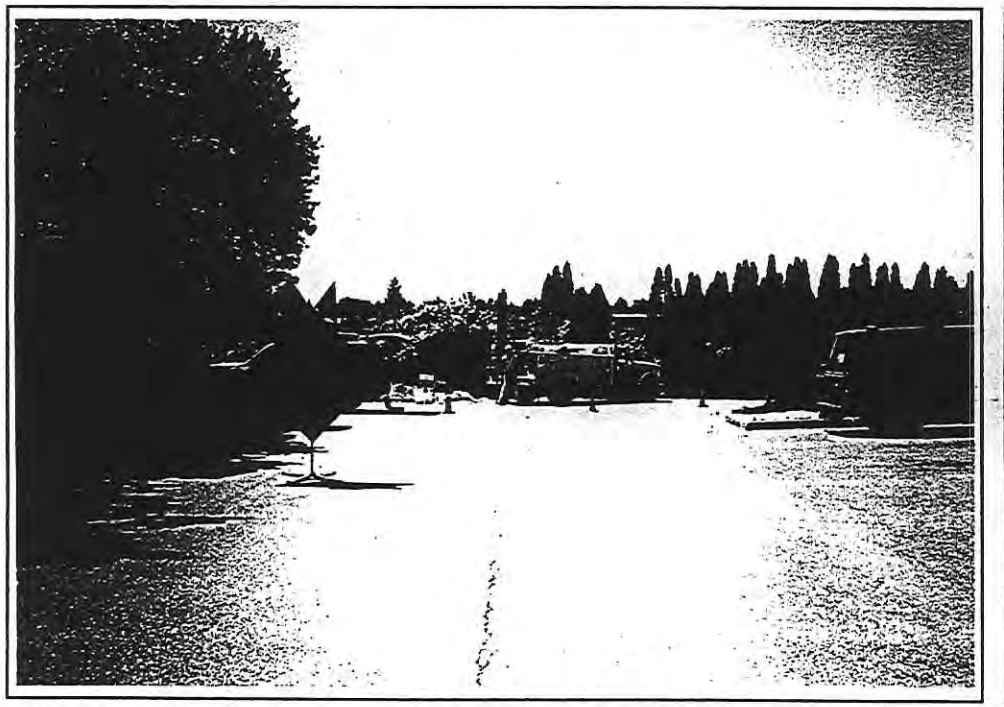

3. SE corner of subject showing general location of B4A and typical safety equipment.

4. SW corner of subject showing general location of B5A.

Phase I Environmental Site Assessment

Hometel Inn Motel
3520 Pacific Highway East
Fife, Washington

Prepared for:

Mr. Fred Roberson
Roberson Building Co.
1944 Pacific Avenue, Suite 900
Tacoma, WA 98402

Date Prepared: June 25, 2002

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Appendix A: Photographs of the Subject Property and Surrounding Area
Appendix B: City of Fife Records
Appendix C: The EDR-Radius Map with GeoCheck ™

1.0 EXECUTIVE SUMMARY

June 25, 2002

NVL Laboratories, Inc., is pleased to present this Phase I Environmental Site Assessment for the site located at 3520 Pacific Highway East, Fife, Washington. Mr. Fred Roberson of Roberson Building Company commissioned the assessment. The site is located in a mixed commercial/industrial district that also has scattering of single-family residences.

1.1 FINDINGS

The Pierce County, City of Fife and Polk city directory records indicate the property was undeveloped land as late as 1963, then developed as a hotel. The land use of the site has been for hotel/motel since then.

The site is listed in the Ecology database as small quantity generator. Several contaminated sites, including Commencement Bay Superfund site, and sites regulated under RCRA were identified within a 1 mile radius of the site, however, these sites are not located in the adjoining structures. There is a potential for environmental impacts to the subject property.

1.2 CONCLUSIONS

The information gained through the investigation described in this report has revealed a low potential for environmental impacts to soils and groundwater below the property from on-site sources. However, there is potential for environmental impacts to soils and groundwater below the property from off-site sources. Therefore, a Phase II is recommended.

2.0 INTRODUCTION

NVL Laboratories, Inc. was retained by Mr. Fred Roberson to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 3520 Pacific Highway East, Fife, Washington (Figure 1, Site Location Map). The subject site is located in a mixed commercial and industrial neighborhood with scattering of residences.

The property consist three separate buildings that are part of the Hometel Inn Motel.

2.1 PURPOSE

The purpose of this study is to assess environmental impacts from past uses of the property, conducted in accordance with the degree of skill and care required by ASTM standard.

2.2 SCOPE OF WORK

This Phase I Environmental Site Assessment included the following activities:

- A site visit, including a general characterization of the property with a visual survey of the property and adjoining properties. Business activities of adjoining properties were noted for further evaluation regarding potential impact to the subject site.

- Review of federal, state, and local records and permits concerning the subject site and adjoining properties. Such records included registered underground storage tank (UST) locations, leaking underground storage tank (LUST) sites, and state-listed hazardous waste sites. A computer search of regulatory records was provided by Environmental Data Resources, Inc. (EDR) and reviewed by NVL. For the purpose of this assessment, the record search included the following regulated environmental sites, with the search radius indicated.

- Review of the following U.S. EPA databases to determine the location of hazardous waste generators and present or potential hazardous waste sites within defined radii of the subject site. These listings include:

  –National Priorities List (NPL), for sites within a one-mile radius of the subject site;

–U.S. EPA CERCLIS Listing, for sites within a one-half mile radius of the subject site;

–Resource Conservation and Recovery Act (RCRA) treatment, storage and disposal (TSD) facilities for sites within a one mile radius of the subject site; and,

–U.S. EPA Region 10 RCRA Notifier's List, for the subject site and adjoining sites.

- Review of geologic, hydrogeologic, hydrologic and topographic conditions of the subject property.

- Evaluate the historical use of the property and immediate vicinity. Historical uses were evaluated by reviewing readily available information sources such as aerial photographs, city directories, property tax assessor's records, Sanborn Maps ™ and other readily available records to determine past land use. Historical records were searched back to the first documented development or 1940, whichever is earlier.

- Preparation of this report, which describes the results of all tasks, and which evaluates the need to investigate in more detail potential contamination and related liabilities.

- Interviews

3.0 SITE VISIT

NVL personnel visited the subject site on June 11, 2002. During the site visit, the property was inspected to determine present uses and to identify possible environmental impacts. In particular, the site was carefully inspected for areas of discolored or stained soil, drums, areas of open dumping, vent lines and/or fill lids associated with USTs. The results of the site visit are presented below.

3.1 SITE DESCRIPTION

The subject property is located within the city limits of Fife, in the Commencement Bay/Port of Tacoma neighborhood in Pierce County, Washington (Figure 1, Site Location Map). The subject site is located in NE-Section 11, Township 20 North, Range 3 East; Parcel number 0320111049. The site is bounded by Pacific Highway East on the north, and Interstate 5 Freeway on the south, and commercial establishments to the east and west. The property is relatively flat lying.

Figure 2 shows the general layout and features of the property. There are three separate structures, herein referred to as the North Wing, East wing and South Wing, at the site. Photographs of the site (in Appendix A) show the general appearance of the site as observed during the site reconnaissance. Pierce County records indicate the property consists of a rectangular commercial property serviced by public water and sewer. Three structures cover a portion of the site with a relatively larger portion covered by asphalt paved parking, courtyard, landscape areas and planters. The construction details of these structures were not available in the city/county records.

The reception area and office of the Hometel Inn Motel is located in the north wing building (Photographs 1, 2, and 10). This wing has an unused restaurant, laundry room and boiler room. The concrete block structure has tarred roof.

The east wing of the Hometel Inn Motel is a two-story structure facing an office building (Photograph 3).

The south wing of the Hometel Inn Motel has two floors and the building faces Interstate 5 Freeway (Photographs 4 and 5).

An unused swimming pool (Photograph 10) is located in the courtyard of the motel. It is partially filled with brownish water. Photograph 7 shows the garbage area with wooden debris, cardboard, glass, and metal pieces strewn across this area. Two containers are present at this location and used as

storage space. A shed (Photograph 7) is also used as a storage and tool room.

The boiler room uses gas/electricity and there were six small containers of Chlorodifluoro methan located in the room along with two, approximately 5-gallon containers of caustic alkali.

In front of the boiler room area, an unused cooking oil container with stained asphalt (Photograph 11) was located. The stains, however, looked relatively old.

A concrete pad exists in the west central portion of the site near the property boundary (Photograph 12) in the landscape/over grown area. Metal covers or manhole-like structure were not readily apparent on this concrete pad. According to the information provided by Mr. Hardeep Singh, the concrete pad may have been used to support posts of a billboard. No other easily available information was obtained on the existence of the concrete pad. Mr. Singh also stated that five small diameter pipes located on the east side of the reception area, are part for sprinkler system.

3.1.1 UNDERGROUND STORAGE TANKS (USTs)

No fill ports or other access ports were observed at this location during the site visit.

Furnaces located in the boiler room appeared to be using natural gas/electricity.

4.0 SURROUNDING SITES SURVEY

A visual survey of adjacent and nearby properties was conducted at the time of the site visit on June 11, 2002. The subject site and surrounding properties are shown in Figure 3, Aerial Photo and Photographs in Appendix A. The subject site is bounded by Interstate 5 Freeway to the south and Pacific Highway to the north. Port of Tacoma road is located to the west of the site. A brief description of adjacent properties, organized by their direction relative to the site, follows:

NORTH:
The site is bounded to the north by Econo Lodge and Pacific Highway East. Diverse businesses are located along Pacific Hwy in the vicinity of the site. Familian NW, Ramada, Glacier Motel and Texaco are located along north side of the Pacific Hwy.

SOUTH:
Interstate 5 freeway is located to the south of the site. South of the freeway, a large complex of commercial, industrial and warehouse businesses are located along 20th Street East. Directly south of the site across from the freeway, Peterbuilt truck facility at 3443 20th St. E., United Furniture and PAPE Machinery at 3607 20th Ave. E. are located.

WEST:
A Casino (Freddie's Casino), Chevron gasoline service station and Jack In The Box are located along south the side of Pacific Hwy., west of the site.

EAST:
Trans-Pacific Trade Center office building is located to the east of the site. Lindal Homes and model log houses are located to the south of Trans-Pacific office building. Residential structures are located to the east of the Trans-Pacific office building. Red Oval Peterbuilt Truck Company and Sunshine Motel are located along the Pacific Hwy., northeast of the site.

5.0 PAST SITE USE

Historical site information was obtained during the preparation of this environmental site assessment. Potential environmental impacts resulting from past uses of the subject property were assessed using the information collected during review of the site history.

5.1 AERIAL PHOTOGRAPH REVIEW

NVL Laboratories, Inc., reviewed aerial photographs dated 1946, 1969, 1979, 1985, 1992, 1996 and 2000.

1946: The site appears fairly different from today. The site appears to be farmlands with three structures that appear similar to be single-family residences located along the present day Pacific Hwy. Land use in the vicinity appears mostly agricultural and the area appears sparsely built.

1969: Major differences are apparent in this aerial photograph from the 1946 photo. The site structures are apparent in the photograph. Interstate 5 freeway is also apparent in the photo. Structures that appear similar to single-family residences are located to the west and east of the site.

1979 : The site and the surrounding structures look similar to present day setting. The area appears to be fairly developed by the 70's.

1985: The site looks similar to the 1979 photograph but the Econo Lodge structure is present to the north of the Hometel Inn.

1992: The site looks similar to the 1985 photograph.

1996: The site looks the same as present day. To the east of the site, is a large area that looks like a parking lot and the office bldg. structure is apparent in the photo.

2000: The site looks similar to the present day setting.

5.2 DOCUMENTED SITE INFORMATION

5.2.1 CITY DIRECTORIES

Sanborn Fire Insurance maps were not available for the area.

Polk Directories were reviewed for information on both the subject property and neighboring properties. Not all businesses may be listed in the directories.

Polk 1994 directory lists the following addresses along Pacific Highway East from Port of Tacoma Road:
3251 Texaco gas stn.
3401 Glacier Motel
3402 Jack in the Box
3408 SAC's Deli & Groc. Gas station (Present day Chevron)
3410 La Casa Real Restaurant (present day Freddie's Casino)
3508 Sierra Tile Co. Inc. (now a parking lot of Freddie's Casino)
3517 Familian-Northwest Inc. Plumbing supply wholesale
3518 Econo Lodge motel
3520 Hometel Inn motel
Jewel of India Restaurant
3700 Trans-Pacific Trade Center office building
3701 Cummins Northwest truck repair
3718 C B Commercial Real Estate
3726 Lindal Cedar Homes
3801 Birds Motel (present day Sunshine Motel)
3812 Residence

Polk 1994 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3505 United Furniture Warehouse
3607 Smith Tractor and Equipment (now it is PAPE/John Deer Machinery)
3701 Standard Paper co. (now AWC Service collision Repair at the address)
3801 Cascade Trailways, Inc. (now Great American RV at the address)

Polk 1990 Directory lists the following addresses along Pacific Hwy:
3251 Texaco gas stn.
3401 Glacier Motel
3402 Jack in the Box
3408 SAC's Deli & Groc. Gas station
3410 La Casa Real Restaurant
3508 Sierra Tile Co. Inc.
3517 Familian-Northwest Inc. Plumbing supply wholesale
3518 Port of Tacoma Motor Inn (1985 directory lists Nendels Port of Tacoma Motel)
Walia's Restaurant
3700 Trans-Pacific Trade Center office building

3701 Cummins Northwest truck repair
3726 Lindal Cedar Homes
3801 Birds Motel
3812 Residence

Polk 1990 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3505 VIP Homes
3607 Smith Tractor and Equipment
3701 Standard Paper co.
3801 Cascade Trailways, Inc.(now Great American RV at the address)

Polk 1980 Directory lists the following addresses along Pacific Hwy:
3251 Lowell's Texaco gas stn.
3309 Residence
3401 Kelley Motel
3402 Gasamart Inc. serice station
3423 Residence
3505 Residence
3508 Vacant
3517 Familian-Northwest Inc. Plumbing supply wholesale
3518 Holiday Inn Motel
3701 Buck & Sons Tractor Co.
3718 Justus Custom Cedar Homes
3722 Residence
3725 Residence
3726 Justus Custom Cedar Homes
3801 Birds Motel
3812 Residence

Polk 1980 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3151 Turner's Machinery Inc.
3511 Residence
3603 Residence
3607 Smith Tractor and Equipment
3701 Standard Paper co.
3723 Residence
3725 Residence
3801 Gilchrist Kent GMC parts, sales & service

Polk 1975 Directory lists the following addresses along Pacific Hwy:
3251 Lowell's Texaco gas stn.
3309 Residence
3401 Kelley Motel
3402 Gasamart Inc. serice station
3423 Residence
3505 Residence
3508 Residence
3517 Osaka Landscaping & Nursery
3518 Holiday Inn Motel
3701 Buck & Sons Tractor Co.
3718 Justus Custom Cedar Homes
3722 Residence
3725 Residence
3726 Scofield Realty
3801 Birds Motel
3812 Residence

Polk 1975 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3511 Residence
3603 Residence
3607 Smith Tractor and Equipment
3701 Standard Paper co.
3721 Residence
3725 Residence
3723 Residence
3725 Residence
3801 Gilchrist Kent GMC parts, sales & service

Polk directories are only available through 1974 for the area. The subject site was initially listed as Holiday Inn Motel but there appears to be name changes over time to Nendel's, Port of Tacoma Motor Inn and Hometel Inn Motel.

The directory shows a gradual increase in commercial/industrial land use along 20th Street East from mostly residential in 1975. The name of 20th Street E. has changed from Stuck Valley Road to Milton Avenue and eventually to 20th Street E. Among other name changes of streets include Port of Tacoma road, as it was known in the past as Ruddock Road. Seattle-Tacoma Interurban Railroad occupied the Pacific Highway E.

The businesses located along the north side of 20th Street E., and directly south of the subject property, appear to be located in an upgradient direction from the subject site. Some of these businesses, such as Peterbuilt Truck sales and repair, PAPE/John Deer, AWC Service Collision Repair, and Great American RV Sales and Service, occupy a large portion of land and they appear to be repair facilities. These businesses have the potential for impacting subject site.

5.2.2 CITY OF FIFE RECORDS

The City of Fife record contains Fire code violations, mostly related to smoke alarms. However, the file contains record of an illegal methamphetamine lab in room 133 in February 15, 1997. The correspondence shows that the room was remediated and occupancy permit given by Tacoma-Pierce County Health Department.

Construction permit and drawings for the renovation in 1996 are documented in the file. Appendix B contains some of the records.

6.0 SITE PHYSICAL CHARACTERISTICS

6.1 TOPOGRAPHIC CHARACTERISTICS

A review of the United States Geological Survey (USGS) topographical map for Tacoma South, Washington, indicates that the site is situated in the Puyallup River valley in the Commencement Bay at an approximate elevation of 10 to 15-feet above mean sea level. The local topography is relatively flat (see Figure 1).

6.2 GEOLOGY

The site is situated in the lowlands of the Puget Sound basin in western Washington. Surficial geology of the Puget Sound lowland is dominated by Pleistocene glacial alluvium with Recent alluvium in river floodplains and mouths. Pleistocene glacial alluvium consists mostly of varied assortments of till, outwash sand and gravel, and glacial lake sediments deposited during glacial advancement and retreat. Outwash sand and gravel consist of all sizes of sand, gravel and some cobbles and boulders deposited by meltwater streams in front of the advancing or retreating glaciers. These deposits typically contain very few fines and tend to be increasingly well-sorted and stratified with increasing distance from the glacier. Glacial lake (lacustrine) deposits tend to be much finer and less permeable. Till is unsorted sediment of low permeability. This depositional system tends to create somewhat discontinuous strata of varying permeability with "lenses" of less permeable material that support perched ground water zones.

6.3 HYDROLOGY AND HYDROGEOLOGY

The nearest natural water bodies are Puyallup River, located just to the south and west of the site, and Commencement Bay, located to the north of the site.

Lenses of more permeable sand and gravel often exist in the soils beneath the site and formation and shallow unconfined aquifers are typical of these conditions with static water levels often within 15 feet of the ground surface. Ground water flow is likely to correspond with the Puyallup River and Commencement Bay flow regimes. The northwest-flowing Puyallup River may indicate northwesterly ground water flow.

7.0 REGULATORY RECORDS REVIEW

NVL contracted with EDR (Appendix C) to conduct a regulatory database review of federal and state environmental information pertaining to facilities located within a specified radius of the subject property. The database review included NPL sites, CERCLA sites, RCRA generators and TSD facilities, UST sites, LUST sites, and C & SCS sites.

7.1 STATE AND LOCAL GOVERNMENT AGENCIES RECORDS REVIEW

Washington Department of Ecology (WDOE) lists of information pertinent to the subject property have been reviewed and key information is summarized below. It is important that the appearance of a given property on such listings is not intrinsically a cause of concern. Conversely, a property not appearing on such listings may in fact be of significant concern. Information obtained from these agencies follows.

7.1.1 UNDERGROUND STORAGE TANKS (USTs)

There are five UST sites within a quarter mile of the subject property that are registered with the WDOE. They are:

SAC's Mart	3408B Pacific Hwy E.
Thermo King NW	3701 Pacific Hwy E.
Texaco	3251 Pacific Hwy E.
Flying J Travel Plaza	1501 33rd Ave. E.
Jet Truck Parts	3909 Pacific Hwy E.

A review of the UST list, as provided by EDR, and dated 3/13/2002, did not list the subject property within the WDOE database as having UST's.

7.1.2 LEAKING UNDERGROUND STORAGE TANKS (LUSTs)

There are two LUST site within a 0.5-mile radius of the subject property. They are:

Texaco	3251 Pacific Hwy E.
Flying J Travel Plaza	1501 33rd Ave. E.

A review of the LUST list, as provided by EDR, and dated 3/13/2002, did not list the subject property within the WDOE database as having UST's. These LUST sites might be further investigated to determine whether or not they pose an environmental threat to the site.

7.1.3 CONFIRMED AND SUSPECTED CONTAMINATED SITES (C & SCS) REPORT

WDOE C& SCS reports represents hazardous waste sites that are either under investigation or to be investigated by WDOE. Six sites are located within one mile of the subject property. However, only one is located up gradient of the site.

Union Pacific RR Fife	3330 20th St. E.

All of the other sites are located at elevations below the subject property elevation or at a distance from the subject property.

7.1.4 SOLID WASTE LANDFILLS

There are no landfills listed within the search radius.

7.2 FEDERAL DATABASE/ RECORDS REVIEW

CERCLIS is the U.S. EPA's comprehensive database and management system that inventories and tracks releases addressed or needing to be addressed by the federal Superfund program. The National Priorities List, or NPL, is a listing of sites from CERCLIS, which are in need of the most immediate attention. The RCRA Region X Notifier's List contains those businesses that produce hazardous waste and have registered with the U.S. EPA. RCRA TSD facilities are those that treat, store, or dispose of hazardous wastes. These databases were reviewed for the subject property, to identify potential for environmental liability.

NPL: Portions of Port of Tacoma/Commencement Bay is a superfund site, located to north of the site. Mr. Peter Contreras, EPA Region X, indicated that he does not think that there is a connection to the Commencement Bay Superfund Units with the subject site.

One site has been identified on The Resource Conservation and Recovery Information System (RCRIS-LQG) list within ¼ mile. This site is:

Sierra Sandblasting Painting	3402 12th St. SE.

Ten sites have been identified on The Resource Conservation and Recovery Information System (RCRIS-SQG) list within ¼ mile. Three of the closest sites are:

Tacoma Port Motor Inn	3518 Pacific Hwy E.
La Casa Real Drum	3410 Pacific Hwy E.

Glacier Motel Drug bust 3401 Pacific Hwy. E.

Sharon Bell of Tacoma-pierce County Health Dept. stated that the Tacoma Port Motor Inn removed 336 ponds of hazardous waste in 1989, comprising of hydrochloric acid, caustic and inorganic chemicals. It was a one-time permitted activity and the permit was withdrawn in 1992.

According to Mr. Robert Scott, Deputy Fire Marshal, City of Fife, Hometel Inn Motel was also remediated following a drug bust in 1997and he is not aware of any other hazardous waste incidence or UST's at the site.

8.0 LIMITATIONS

NVL Laboratories (NVL) is not engaged in environmental auditing and reporting for the purpose of advertising, sales promotion, or endorsement of any client's interests, including raising investment capital or recommending investment decisions, or other publicity purposes. The client acknowledges that any reports prepared by NVL are for the exclusive use of the client, and will not be used or reproduced in full or in part for such promotional purposes, and may not be used or relied upon in any prospective or offering circular. The client also agrees that none of its advertising, sales promotion, or other publicity matter containing information obtained from this audit and report will make reference to NVL's trade name.

The report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget and schedule. To the extent that more definitive conclusions are desired by the client than are warranted by the currently available facts, it is specifically NVL's intent that the conclusions and recommendations stated in our report will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

NVL makes no claims or guarantees with regard to this environmental review. NVL does not represent that this Phase I work, in and of itself, constitutes "all appropriate inquiry into the previous ownership and the uses of the property," as this phrase is used in Section 101 (35) (B) of the Federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended through Public Law 99-499 (October 17, 1986).

Sincerely,
NVL Laboratories, Inc.

Moinoddin Kadri, R.G.
Project Manager

Benjamin Cook
Hazardous Materials Specialist

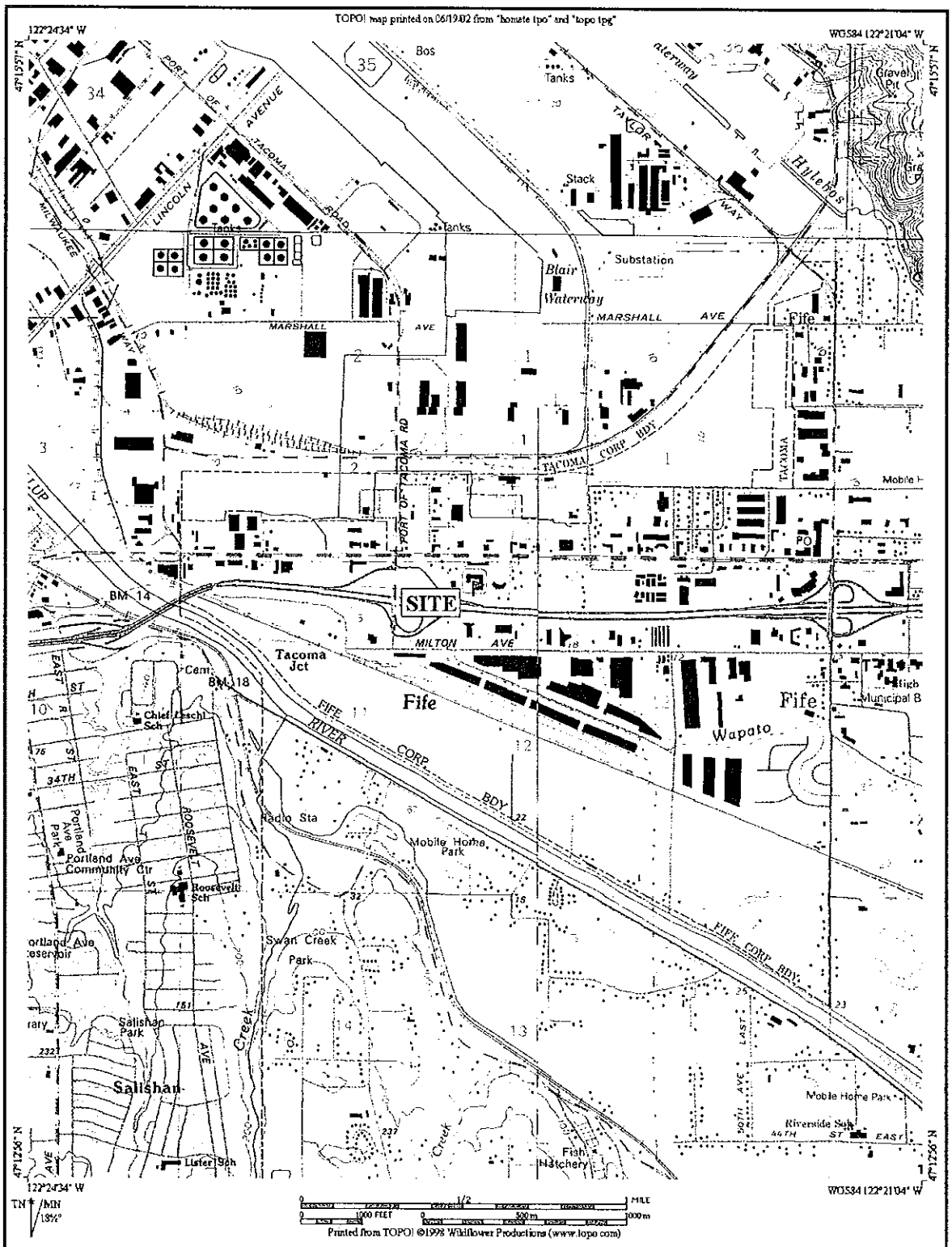

Figure 1: Site Location Map.
Hometel Inn Motel Phase I ESA
3520 Pacific Highway East, Fife, Washington.
Map from Wildflower Productions Maps

NVL Laboratories **June 19, 2002**

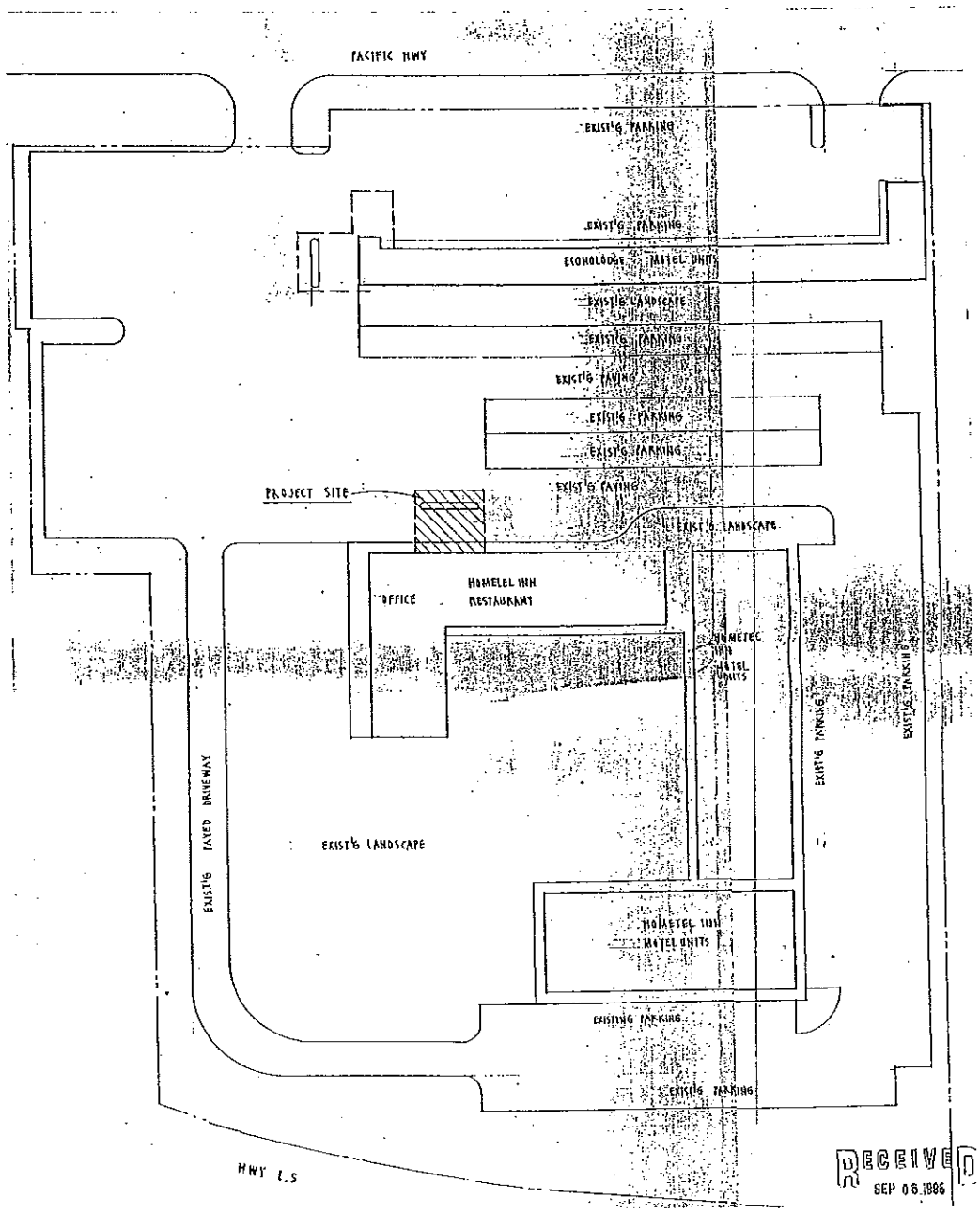

Figure 2: Site Map.
Hometel Inn Motel
3520 Pacific Highway East
Fife, Washington.

Map form drawing by N. Kim Pham, Architect, September 3, 1996

NVL Laboratories, Inc. **June 21, 2002**

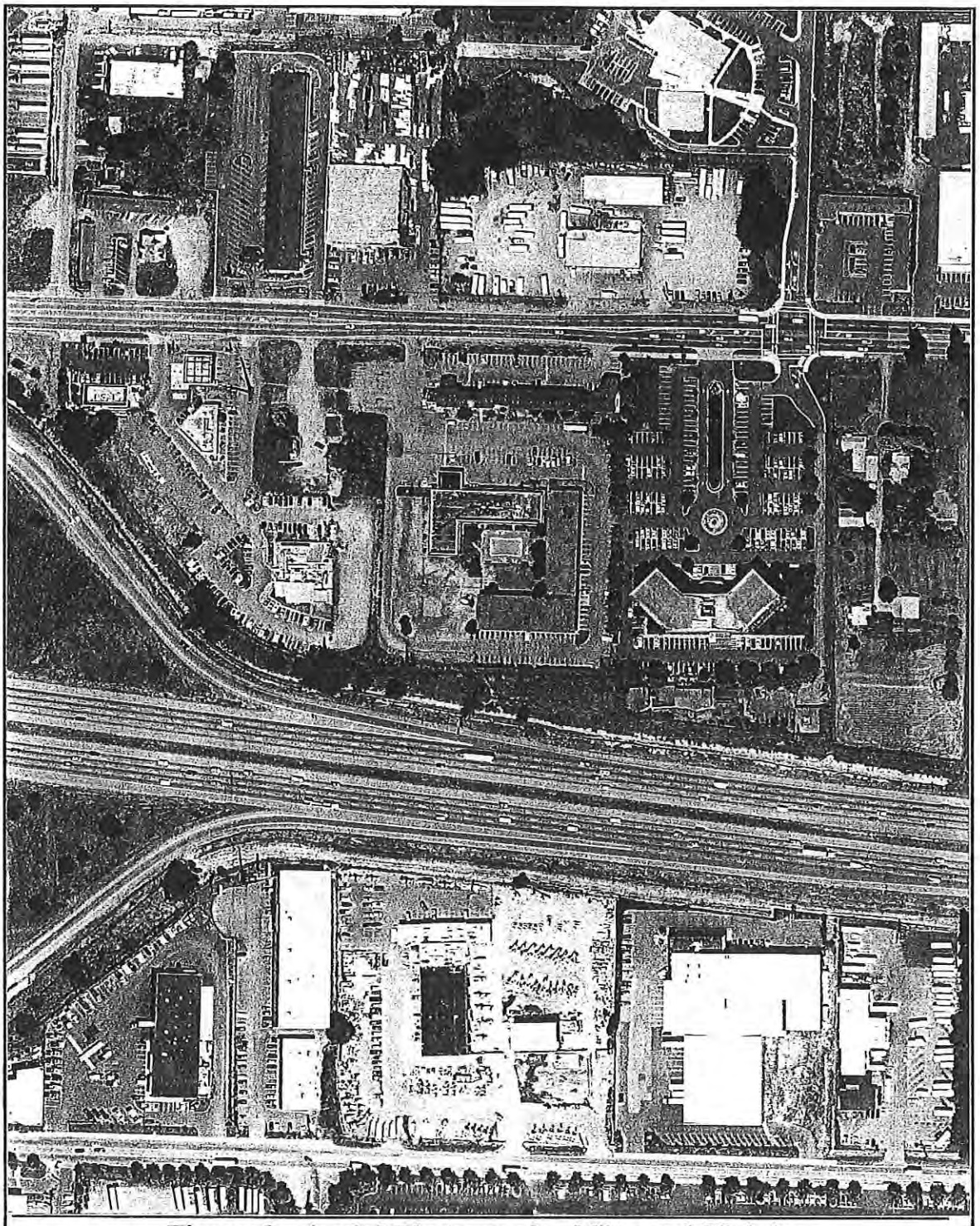

Figure 3: Aerial Photograph of Site and Vicinity.
Hometel Inn Motel
3520 Pacific Highway East
Fife, Washington.
Photo From Pierce County

NVL Laboratories, Inc. **June 21, 2002**

APPENDIX A
Photographs

Photograph 1: Composite-panoramic view of the site looking at the north side of the Hometel Inn Motel, the parking lot and Econo Lodge to the left in the photograph and the view of western portion of the property to the right in the photograph.

Photograph 2: View looking north of the western portion of the Hometel Inn Motel. Three separate structures exist at the site and the photograph shows the North Wing.

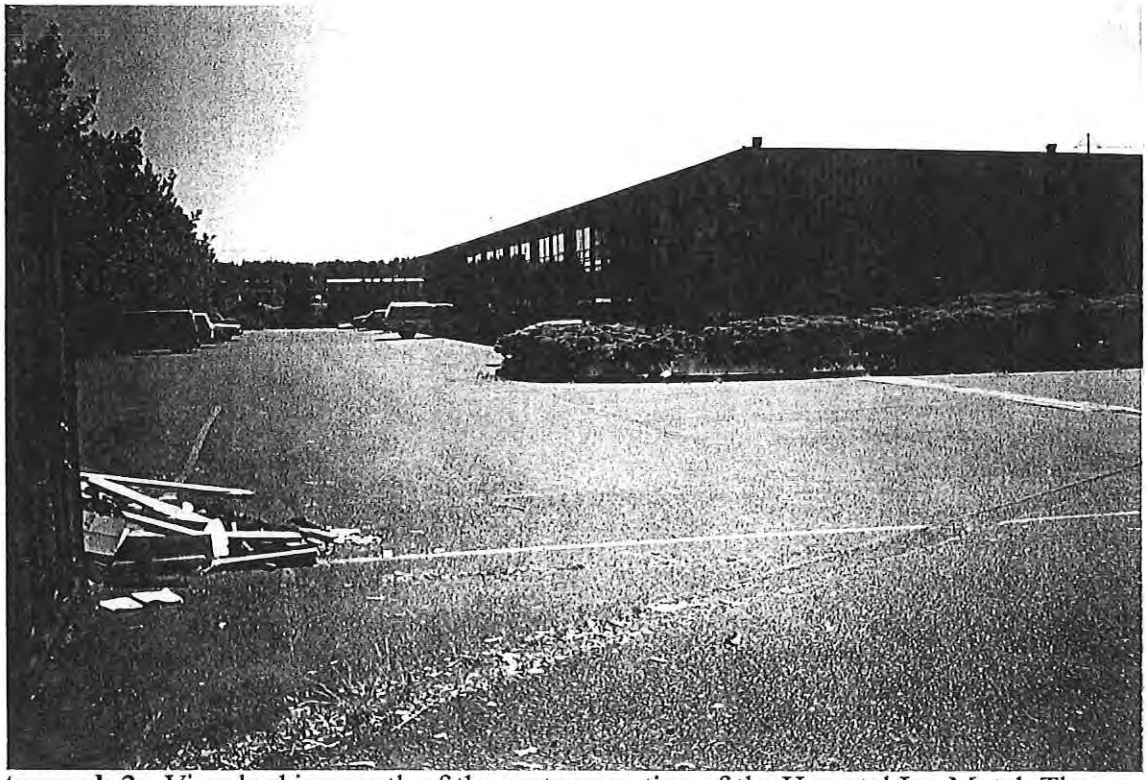

Photograph 3: View looking south of the eastern portion of the Hometel Inn Motel. The photograph shows the East Wing of the Hometel Inn.

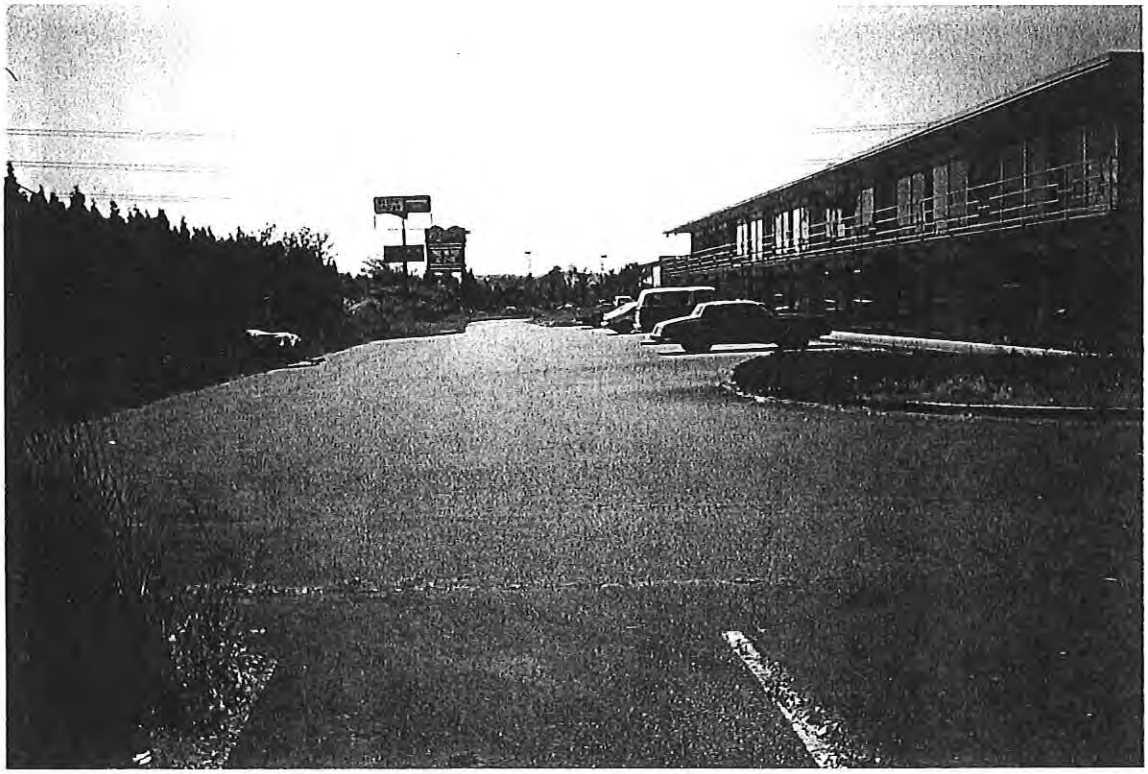

Photograph 4: View looking west of the south wing of the Hometel Inn Motel. Interstate 5 freeway is to the left in the photograph.

Photograph 5: View looking east of the south wing of the Hometel Inn Motel. Multi-story office building visible in the photograph is located to the east of the subject property.

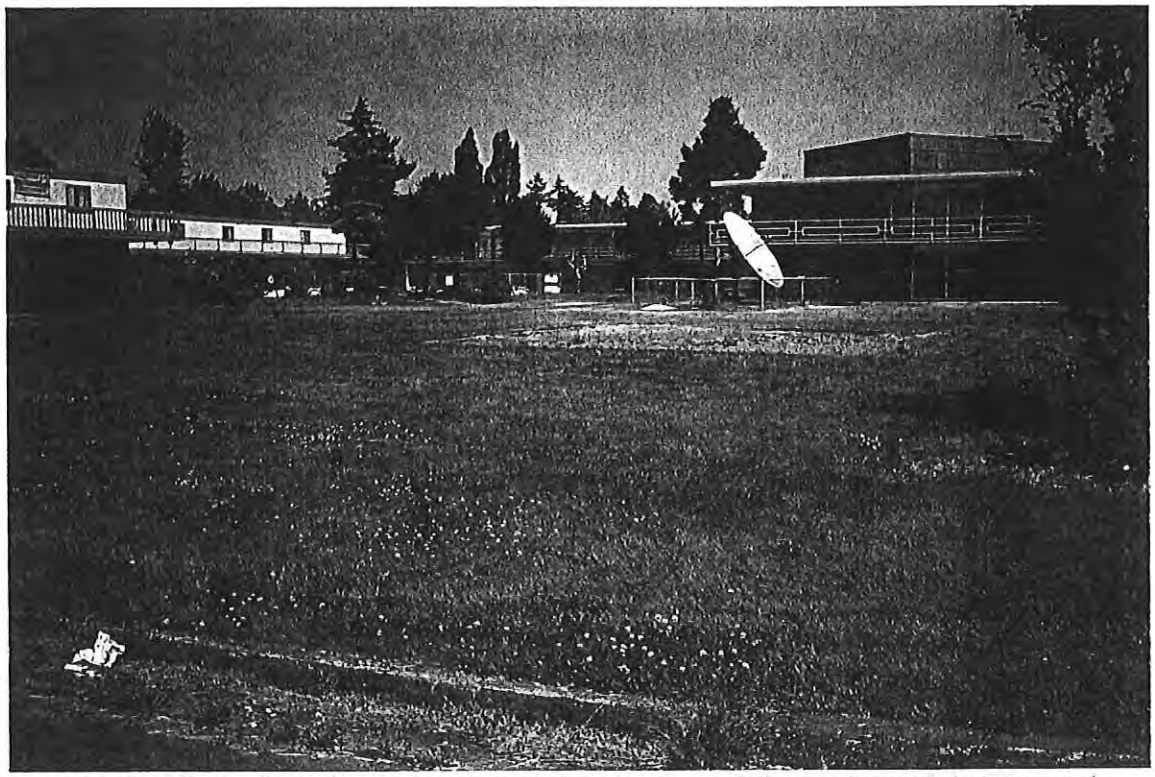

Photograph 6: View of southwest portion of site showing all three wings of the Hometel Inn. A large landscaped area with a gravel-filled portion is visible in the foreground.

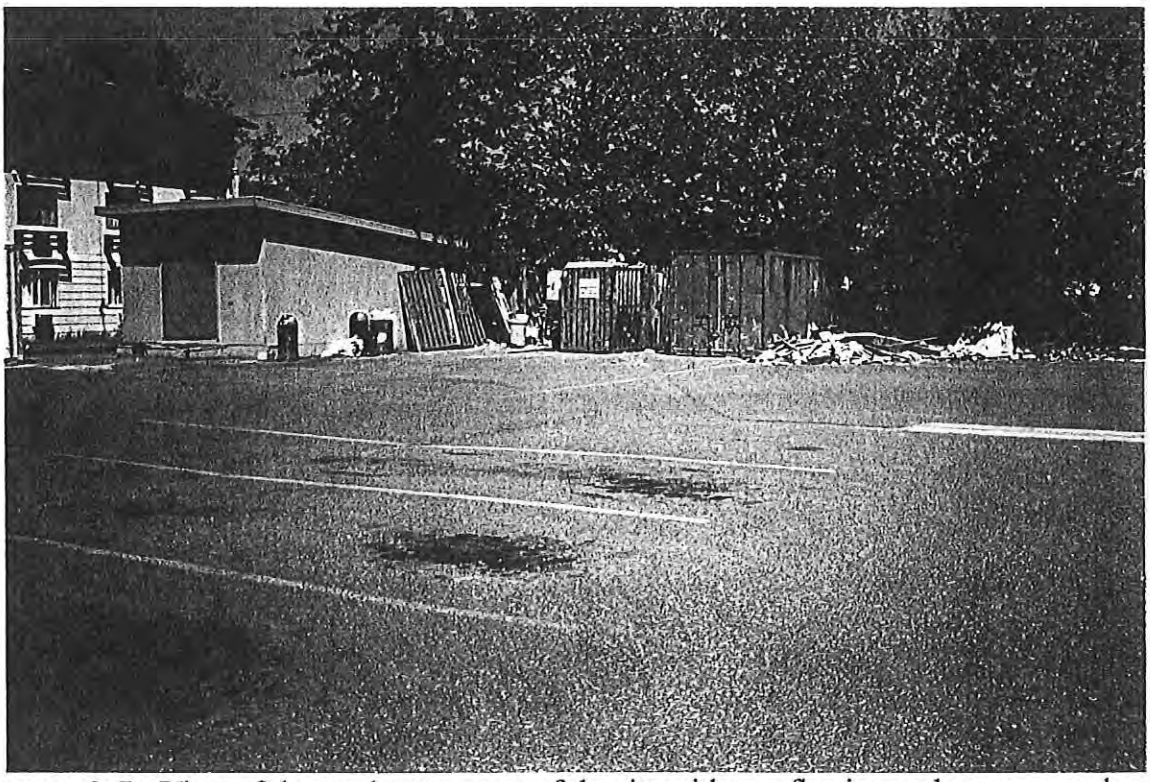

Photograph 7: View of the northeast corner of the site with overflowing garbage cans and storage shed.

Photograph 8: View looking west of businesses located along Pacific Highway. Freddie's Casino, Chevron and Jack In The Box are located along south side of Pacific Hwy., west of the site, while Familian NW, Ramada, Glacier Motel and Texaco are located along the north side of Pacific Hwy.

Photograph 9: View looking east of businesses located along Pacific Highway. Red Oval trucking, Sunshine Motel are located along north side of Pacific Hwy., east of the site, while Trans Pacific Trade Center office building and residences are located along the south side of Pacific Hwy.

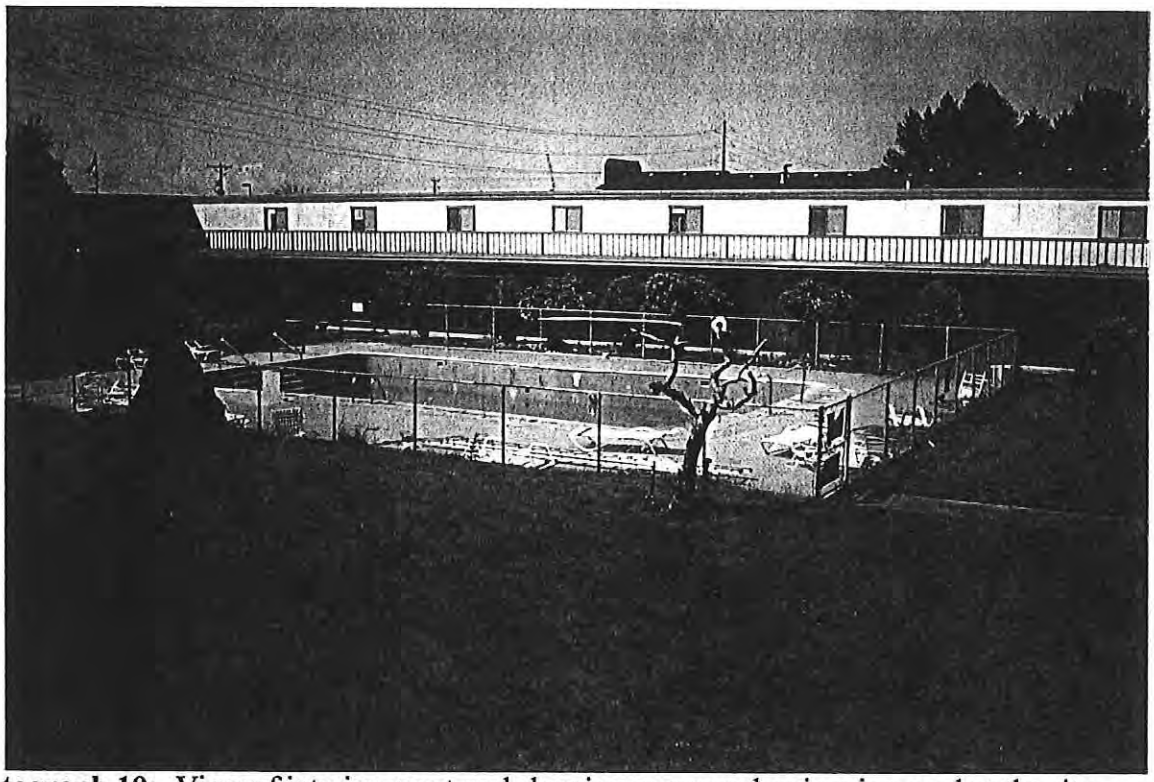

Photograph 10: View of interior courtyard showing an unused swimming pool at the site.

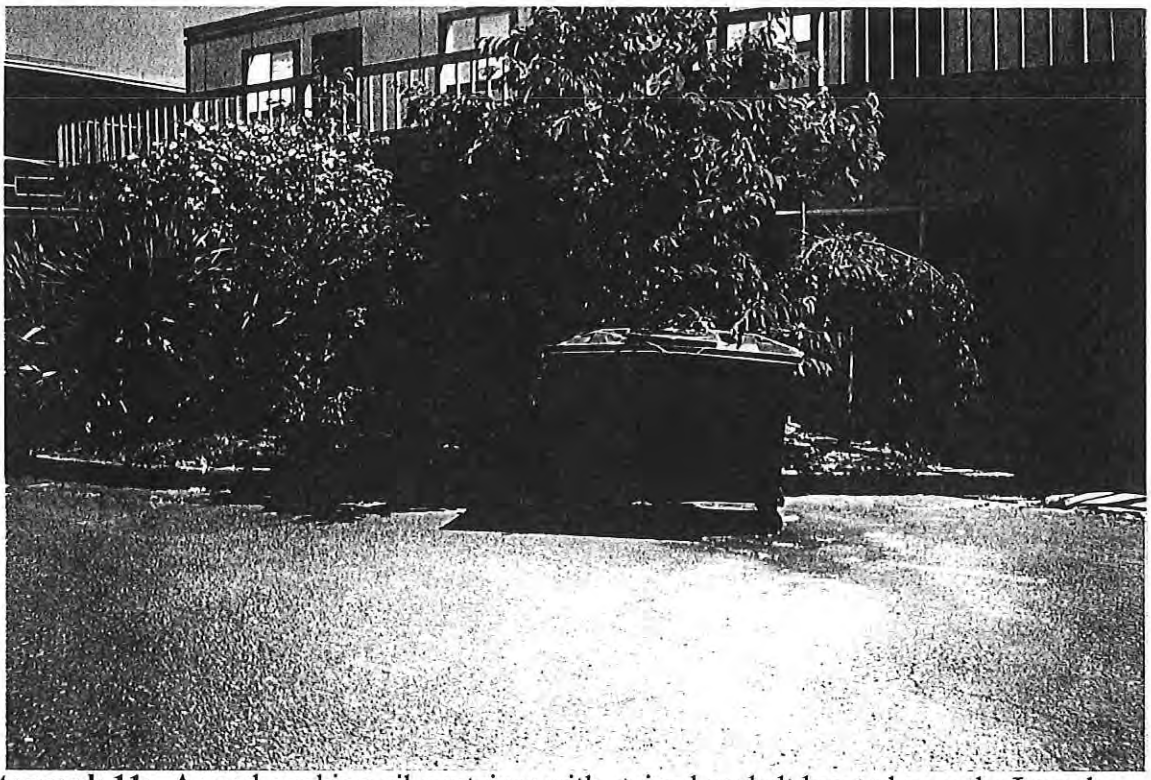

Photograph 11: A used cooking oil container with stained asphalt located near the Laundry room and Boiler room.

Photograph 12: A concrete pad exists in the overgrown landscape area in the west central portion of the site, close to the property boundary.

APPENDIX B
CITY OF FIFE RECORDS

Memorandum

To: Carl Durham, B.O./F.M. (File)
Ken Farris, C.E.O. (F.Y.I.)

From: Howard P. Schesser, Community Development Director & Deputy Fire Marshal

Re: Meth Lab at Hometel Inn - 3520 Pacific Highway E

Date: February 17, 1997

Saturday 2-15-97. Around 1:15 pm on Saturday 2-15-97 I was contacted by Sgt. Budzius regarding a reported meth lab at the Hometel Inn. I was requested to respond to the scene. I arrived around 2 pm at the scene and made contact with Sgt. Budzius. Tacoma Hazardous Materials Team and one engine was on site. The whole building facing the freeway had been evacuated on both sides and both floors. The meth lab was an active lab and the heat was around 325 degrees F. Red phosphorus, iodine, acetate, etc. as being used. Based on photos taken by the haz mat team that entered the room the lab was being exhausted out into the chase between the room. Water was being taken from the toilet tank with the use of an aquarium pump and the flapper was a jar so that a continual stream of fresh, cold water was entering the tank.

We waited for the P.C. drug team to arrive to evaluate the situation. Upon their arrival and review of the information known to date it was decided to let the meth continue to cook overnight but to turn off the source of heat. There was concern that if it cooled to quick it would explode. The water circulation system was left in place. The exhaust hose was removed from the chase and was exhausted into the room. The window above the door was opened.

P.C. Health made contact with me around 3:30pm and agreed with our position of evacuating the rooms and not allowing anyone in them for the next 24 hours. It was agreed that I would contact Health the next day after the material had been removed and DOE had responded. **P.C. Health contact was: Steve Marek 596-2955.**

The scene was secured with Fife P.D. providing security throughout the night. Police put a police line tape along all entrances to this wing. I posted UNSAFE TO OCCUPY SIGNS. The owner was notified that no one was to have access to the rooms for the next 24-72 hours. It was agreed to meet at the fire station at 8:30 am Sunday to plan the next move.

Sunday 2-16-97 All players involved met at 8:30 am to discuss the situation and review the video tape that the P.C. Drug team made when they entered the night before. A plan for removal and fingerprinting was developed. DOE was called to respond for removal of the material from the scene once the officers were done with it. Material was removed and transported by DOE.

I called Steve Marek at P.C. Health and it was agreed to error on the side of caution and to keep the building unoccupied until a certified contractor had approved occupancy. Neither Health nor DOE had the name of the certified contractor. There are only two, one in Seattle and one in Spokane. I was provided the name of the person at the **State Department of Health who could provide the names of the two contractors. The name is: Lew Kittle 360-753-3855.** I provided this name to Simon Lee who was representing the owners of the Hometel Inn.

Material was removed by DOE. P.C. Officers posted the room. Sgt. Budzius and I taped police line tape on the room where the lab was found.

Based on discussion with Health it was determined to allow tenants to remove their belongs from the rooms. We provided disposable gloves and advised them to wash all clothing prior to use.

1. Owners are to contact either Carl or myself once the contractor is on site. We will need certification from the contractor that it is safe to use the rooms prior to any occupancy and removal of the UNSAFE TO OCCUPY signs. **2.** We will also need to contact State Health to find out who the certified contractors are.

Sgt. Budzius will have a full report a copy will be forwarded to us. Left the scene around 4:15pm.

TACOMA-PIERCE COUNTY
HEALTH
DEPARTMENT

Federico Cruz-Uribe, MD, MPH
Director of Health

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•Integrated
•Preventive

February 21, 1997 **CORRECTED COPY**

Kyung W. and Gil Ja Lee
3520 Pacific HWY
Fife, WA 98424

RE: Clandestine Drug Laboratory Assessment - 3520 Pacific HWY E

Dear Kyung and Gil Lee:

This letter is to inform you that the Tacoma-Pierce County Health Department (TPCHD) has reviewed the initial assessment data submitted by Cascadian Crafts and Services, Inc. for the motel building containing unit 133 at the above referenced property.

Field screening for volatile organic compounds and corrosives was completed in the central chase way and many units in this building. The information provided indicates that these constituents are within acceptable levels. Samples for methamphetamine were not collected during the initial assessment. Based on the data presented, the TPCHD will allow occupancy of the units in this building, EXCEPT for unit 133.

Please note that the TPCHD may require additional investigations and sampling in the chase way and this building's units upon review of the decontamination and test result data for unit 133.

If you have any questions regarding this building or motel units, please contact me at 596-2849.

Sincerely,

Cynthia Ruggiero

Cynthia Ruggiero
Environmental Health Specialist II
Water Resources

cc: Dave Morris, Cascadian Crafts and Services, Inc.
Sgt. Budzius, Fife Police Department
Deputy Dogeagle, Pierce County Sheriff Department
Howard Schesser, City of Fife
Mike Osweiler, Department of Ecology
Lew Kittle, Department of Health

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Tacoma WA 98408-6897

206/**591-6500**
TDD: 591-6050
800/992-2456

www.healthdept.co.pierce.wa.us

TACOMA-PIERCE COUNTY
HEALTH
DEPARTMENT

Federico Cruz-Uribe, MD, MPH
Director of Health

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February 19, 1997

Kyung W. and Gil Ja Lee
3520 Pacific HWY E
Fife, WA 98424

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: Clandestine Drug Laboratory Seizure at 3520 Pacific HWY E #131

Dear Kyung and Gil Lee:

This letter is to inform you that on February 15, 1997 a law enforcement action took place at the above referenced motel unit as a result of activities related to the illegal manufacture of controlled substances.

Preliminary information received from the Fife Police Department, Pierce County Sheriff Department and the Washington Department of Ecology indicates that chemicals removed from the property may include acetone, ether, red phosphorous, palladium black/iodine, alcohol and ephedrine. As a result, a Hazardous Chemical Warning Sign was posted at the unit on February 15th. This sign is to warn all persons against entry due to possible unsafe conditions. The chemicals removed from the premises are considered to be hazardous as per RCW 70.105D.020 and/or precursor substances according to RCW 69.43.010. Substances used in clandestine drug manufacturing can pose a serious health threat to anyone who may be exposed. Please find attached the Department of Health Toxic Substances Fact Sheet *Illegal Methamphetamine Labs* which provides information on potential health effects from clandestine drug lab chemical exposure.

The Tacoma-Pierce County Health Department (TPCHD) is conducting an investigation at this site to determine whether this unit is unfit for use and habitation in accordance with WAC 246-205, Decontamination of Illegal Drug Manufacturing or Storage Sites. The TPCHD will make a determination regarding this motel unit upon completion of its investigation. At this time the TPCHD requires that an investigation and decontamination be conducted in this unit prior to its usage. All contamination identified must be cleaned up by a Department of Health registered contractor.

The TPCHD recommends information about this unit be disclosed to any potential tenants or purchasers. If you have any questions regarding this situation, please contact me at 596-2849.

Sincerely,

Cynthia Ruggiero

Cynthia Ruggiero
Environmental Health Specialist II
Water Resources

RECEIVED
FEB 2
PLANNING DEPT

Attachment

cc: Sgt. Budzius, Fife Police Department
Deputy Dogeagle, Pierce County Sheriff Department
Howard Schesser, City of Fife
Mike Osweiler, Department of Ecology
Lew Kittle, Department of Health

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@cwr/dl3520.219

file

TACOMA-PIERCE COUNTY
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February 19, 1997

Kyung W. and Gil Ja Lee
3520 Pacific HWY
Fife, WA 98424

RE: Clandestine Drug Laboratory Assessment - 3520 Pacific HWY E

Dear Kyung and Gil Lee:

This letter is to inform you that the Tacoma-Pierce County Health Department (TPCHD) has reviewed the initial assessment data submitted by Cascadian Crafts and Services, Inc. for the motel building containing unit 131 at the above referenced property.

Field screening for volatile organic compounds and corrosives was completed in the central chase way and many units in this building. The information provided indicates that these constituents are within acceptable levels. Samples for methamphetamine were not collected during the initial assessment. Based on the data presented, the TPCHD will allow occupancy of the units in this building, EXCEPT for unit 131.

Please note that the TPCHD may require additional investigations and sampling in the chase way and this building's units upon review of the decontamination and test result data for unit 131.

If you have any questions regarding this building or motel units, please contact me at 596-2849.

Sincerely,

Cynthia Ruggiero

Cynthia Ruggiero
Environmental Health Specialist II
Water Resources

cc: Dave Morris, Cascadian Crafts and Services, Inc.
Sgt. Budzius, Fife Police Department
Deputy Dogeagle, Pierce County Sheriff Department
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APPENDIX C

EDR-Radius Map with GeoCheck

The EDR Radius Map
with GeoCheck®

3520 Pacific Hwy East
3520 Pacific Hwy East
Fife, WA 98424

Inquiry Number: 798742.1s

June 13, 2002

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-CUR

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Map Findings Summary	4
Map Findings	5
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GEOCHECK ADDENDUM

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Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
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Physical Setting Source Records Searched	A-12

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

3520 PACIFIC HWY EAST
FIFE, WA 98424

COORDINATES

Latitude (North):	47.243100 - 47˚ 14' 35.2"
Longitude (West):	122.382000 - 122˚ 22' 55.2"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	546771.6
UTM Y (Meters):	5232146.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2447122-B4 TACOMA SOUTH, WA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

Proposed NPL..... Proposed National Priority List Sites
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

HSL..... Hazardous Sites List
SWF/LF..... Solid Waste Facility Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System

EXECUTIVE SUMMARY

MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CSCSL NFA..... Confirmed & Contaminated Sites - No Further Action
SPILLS..... Reported Spills
EMI..... Washington Emissions Data System

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/29/2002 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	***TIDEFLATS INDUSTRIAL SE***	***0 - 1/8***	***0***	***5***

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 02/12/2002 has revealed that there are 2

CERCLIS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	*TIDEFLATS INDUSTRIAL SE*	*0 - 1/8*	*0*	*5*
DAUPHIN SITE	*2911 PACIFIC HWY E*	*1/4 - 1/2W*	*F20*	*31*

CERCLIS-NFRAP: As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/14/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BREKKE ENTERPRISES	1320 TIDEHAVEN RD	1/8 - 1/4 NNW	B8	18

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 03/22/2002 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
SIERRA SANDBLASTING PAINTING L	3402 12TH ST E	1/8 - 1/4 NNW	D15	25

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 03/22/2002 has revealed that there are 10 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	*TIDEFLATS INDUSTRIAL SE*	*0 - 1/8*	*0*	*5*
TACOMA PORT MOTOR INN	*3518 PACIFIC HWY E*	*0 - 1/8 NNW*	*1*	*14*
LA CASA REAL DRUM	*3410 PACIFIC HWY E*	*0 - 1/8 W*	*A2*	*15*
GLACIER MOTEL DRUG BU	*3401 PACIFIC HWY E*	*0 - 1/8 W*	*A5*	*16*
THERMO KING NORTHWEST	*3701 PACIFIC HWY EAST*	*0 - 1/8 E*	*6*	*17*
KEY BANK	*1323 34TH AVE E*	*1/8 - 1/4 NNW*	*B7*	*17*
OCCIDENTAL CHEMICAL PITARCIK	PACIFIC HWY E & PORT OF	1/8 - 1/4 W	9	18
TEXACO STATION 632320143	*3251 PACIFIC HWY S*	*1/8 - 1/4 W*	*C12*	*21*
TNT AUTOBODY & PAINT	*3909 PACIFIC HWY E*	*1/8 - 1/4 E*	*E18*	*29*

Lower Elevation	Address	Dist / Dir	Map ID	Page
SIERRA SANDBLASTING PAINTING L	*3402 12TH ST E*	*1/8 - 1/4 NNW*	*D16*	*26*

EXECUTIVE SUMMARY

STATE ASTM STANDARD

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, has revealed that there are 6 CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNION PACIFIC RR FIFE	***3330 20TH ST E***	***1/4 - 1/2 SSW***	***19***	***29***
OCCIDENTAL CHEMICAL DAUPHIN	2911 PACIFIC HWY E	1/4 - 1/2 W	F21	31
BOITANO SITE	***2800 PACIFIC HWY E***	***1/4 - 1/2 W***	***22***	***33***
FIFE INDUSTRIAL PARK	***2603 PACIFIC HWY E***	***1/2 - 1 W***	***23***	***34***
VENEER CHIP TRANSPORT	2205 PACIFIC HWY E	1/2 - 1 W	24	36
CAC INC	5018 PACIFIC HWY E	1/2 - 1 E	25	38

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 03/13/2002 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TEXACO STATION #63-232-0143	***3251 PACIFIC HWY E***	***1/8 - 1/4 W***	***C13***	***21***
FLYING J TRAVEL PLAZA	***1501 33RD AVE E***	***1/8 - 1/4 WNW***	***14***	***23***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 03/13/2002 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAC'S MART	3408B PACIFIC HWY	0 - 1/8 W	A3	15
THERMO KING NORTHWEST	***3701 PACIFIC HWY EAST***	***0 - 1/8 E***	***6***	***17***
TEXACO STATION #63-232-0143	***3251 PACIFIC HWY E***	***1/8 - 1/4 W***	***C13***	***21***
FLYING J TRAVEL PLAZA	***1501 33RD AVE E***	***1/8 - 1/4 WNW***	***14***	***23***
JET TRUCK PARTS INC	3909 PACIFIC HY EAST	1/8 - 1/4 E	E17	28

FEDERAL ASTM SUPPLEMENTAL

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	*TIDEFLATS INDUSTRIAL SE*	*0 - 1/8*	*0*	*5*

STATE OR LOCAL ASTM SUPPLEMENTAL

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, has revealed that there are 4 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL 7343	3408 PACIFIC HWY	0 - 1/8 W	A4	16
TEXACO 63 232 0143 TWO REPOR	3251 PACIFIC HWY E.	1/8 - 1/4 W	C10	19
TEXACO 63 232 0143	3251 PACIFIC HWY E.	1/8 - 1/4 W	C11	19
FLYING J TRAVEL PLAZA	*1501 33RD AVE E*	*1/8 - 1/4 WNW*	*14*	*23*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
PACIFIC COAST SHOWCASE	FTTS
PUYALLUP LAND SETTLEMENT F	CSCSL
USARMY NG WATERCRAFT SUPPORT MAINT CTR	CERCLIS, RCRIS-SQG, FINDS
UNION PACIFIC RAILROAD TUNNEL	CERCLIS, FINDS
BOATLAND USA	LUST, UST
CAC INC	LUST, UST
7343	UST
WASHINGTON BATTERY RECYCLING	RCRIS-SQG, FINDS
LEXUS OF TACOMA AT FIFE	RCRIS-SQG
WM DIERICKX CO	RCRIS-SQG, FINDS
FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS	RCRIS-SQG
ARCO 5658 PSI 5328	RCRIS-SQG, FINDS
GOODYEAR TIRE 5608	RCRIS-SQG
FIFE CLEANERS	RCRIS-SQG
COLUMBIA INSPECTION INC	RCRIS-SQG
HINSHAWS ACURA	RCRIS-SQG, FINDS
PRAXAIR INC FIFE	RCRIS-SQG
DIKE ACCESS ROAD DRUMS	RCRIS-SQG, FINDS
VENEER CHIP TRANSPORT	RCRIS-SQG, FINDS
COMMERCIAL SALES INC	RCRIS-SQG
LIBERTY DISTRIBUTING INC	RCRIS-SQG
HORIZON HOLDINGS 1 LLC	RCRIS-SQG
DINOL US INC TACOMA	RCRIS-SQG
ARCO 4456	RCRIS-SQG
TOPPING VOLVO	RCRIS-SQG
54TH AVENUE EAST CROSSING	ERNS
TEXACO	WA ICR
HOLLY MARINA	WA ICR
US OIL/HYUNDAI TERMINAL	WA ICR
PORT INDUSTRIAL YARD	WA ICR
QUEBECOR INTEGRATED MEDIA	HAZNET

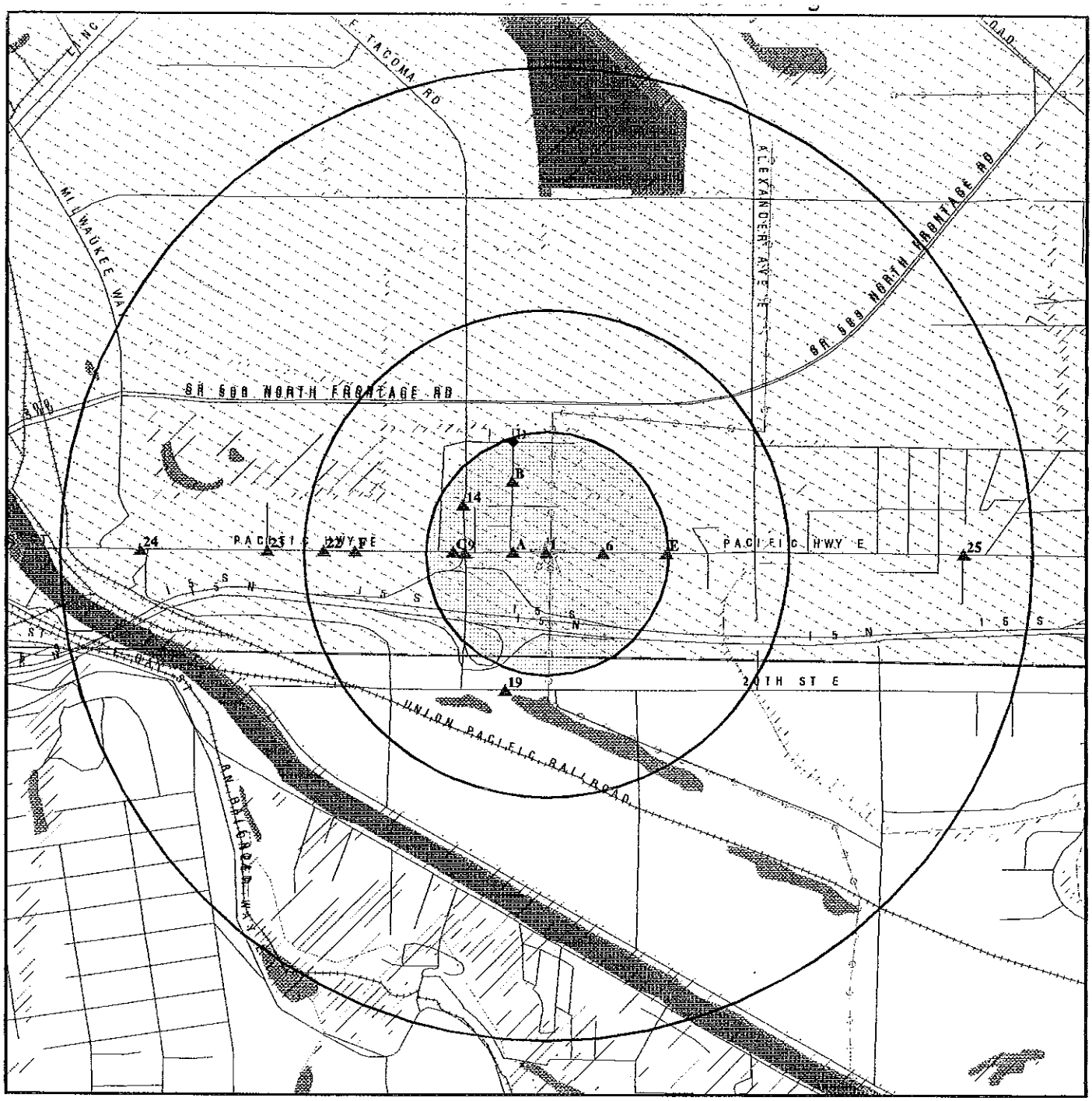

☆ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

♟ Coal Gasification Sites

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Wetlands

TARGET PROPERTY:	3520 Pacific Hwy East	CUSTOMER:	Kadri Consulting
ADDRESS:	3520 Pacific Hwy East	CONTACT:	Moin Kadri
CITY/STATE/ZIP:	Fife WA 98424	INQUIRY #:	798742.1s
LAT/LONG:	47.2431 / 122.3820	DATE:	June 13, 2002 5:42 pm

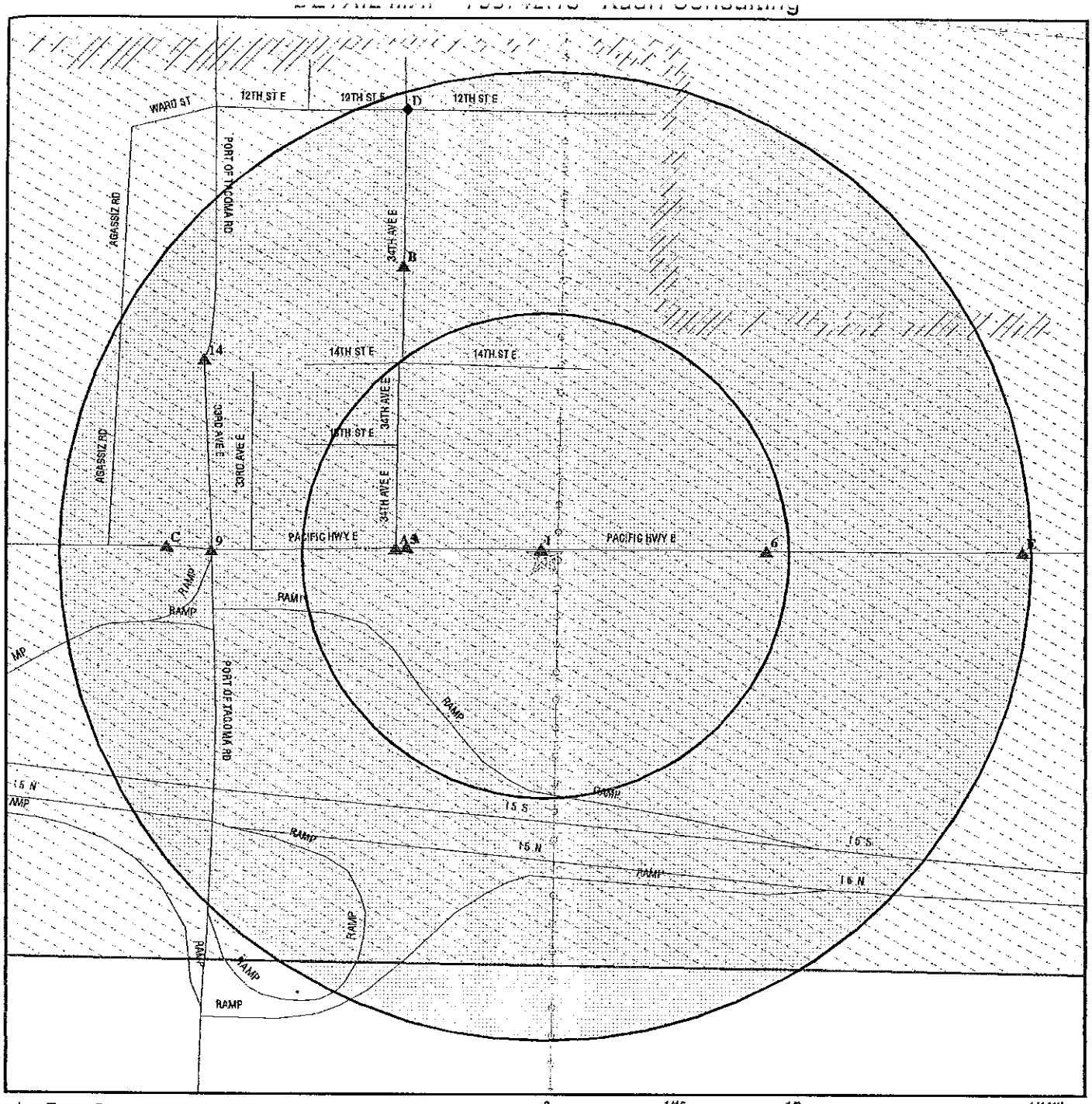

0 1/16 1/8 1/4 Miles

- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ♟ Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

TARGET PROPERTY:	3520 Pacific Hwy East	CUSTOMER:	Kadri Consulting
ADDRESS:	3520 Pacific Hwy East	CONTACT:	Moin Kadri
CITY/STATE/ZIP:	Fife WA 98424	INQUIRY #:	798742.1s
LAT/LONG:	47.2431 / 122.3820	DATE:	June 13, 2002 5:43 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	1	0	0	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	1	0	1	NR	NR	2
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	5	5	NR	NR	NR	10
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
CSCSL		1.000	0	0	3	3	NR	6
HSL		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	0	NR	NR	2
UST		0.250	2	3	NR	NR	NR	5
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	1	0	0	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
CSCSL NFA		TP	NR	NR	NR	NR	NR	0
WA ICR		0.500	1	3	0	NR	NR	4
SPILLS		TP	NR	NR	NR	NR	NR	0
WA Emissions		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

NPL **US EPA COMMENCEMT BAY NEARSHORE** **CERCLIS 1000297462**
Region **TIDEFLATS INDUSTRIAL SEC** **RCRIS-SQG WAD980726368**
TACOMA, WA 98422 **FINDS**
< 1/8 **NPL**
1 ft. **ROD**

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Mixed Ownership	NPL Status:	Currently on the Final NPL
Contact:	PETER CONTRERAS	Contact Tel:	(206) 553-6708
Contact Title:	Not reported		
Contact:	KRIS FLINT	Contact Tel:	(206) 553-8155
Contact Title:	Not reported		
Contact:	KEN MARCY	Contact Tel:	(206) 553-2782
Contact Title:	Not reported		
Contact:	LEE MARSHALL	Contact Tel:	(206) 553-2723
Contact Title:	Not reported		
Contact:	KEVIN ROCHLIN	Contact Tel:	(206) 553-2106
Contact Title:	Not reported		

Site Description: SITE HAD HEAVY INDUSTRY SUCH AS ALUMINUM PROCESSING, CHEMICAL, PULP & PAPER, & PRIMARY SMELTING CONTAMINATION OF WATERWAYS & LAND AREAS OF TIDE FLATS. WAS ORIGINALLY PART OF ONE SITE CALLED COMMENCEMENT BAY, WHICH IS NOW 2 SITES.The Commen cement Bay Nearshore/Tideflats Superfund site is located on the western shore of Commencement Bay in Tacoma/Ruston, Washington. It consists of 67 acres of property owned by Asarco Inc., and a 23-acre slag peninsula. The site began operation as a le ad smelter in 1890. During the active industrial life of the smelter, the primary product was refined copper. By products of the copper smelting process included sulfur dioxide, arsenic trioxide, arsenic metal, and copper reverbatory slag. Copper smelting operations were discontinued in 1985, and the facility was taken completely out of production in 1986. Land use in the vicinity of the site is recreational and light residential. The general area of the former Asarco Smelter consists of steep slopes extending down to Commencement Bay producing bluffs along portions of the shoreline. The adjacent slag peninsula is composed of different forms of slag (molten or granulated) that were poured or placed on many occasions between 1930 and 1970. The Tacoma Yacht Club building, a paved access road, and paved parking areas are located on the slag peninsula. An estimated 15 million tons of slag exist at the smelter property and slag peninsula. Surface water features at the site includ e surface water in the cooling pond and south and east stack hill areas and a number of springs and seeps around the stack hill and arsenic kitchen areas. Surface water drains into one of four drain systems and then into outfalls at the site. A c omplex pattern of groundwater flows through or beneath the smelter property, including through the slag into Commencement Bay. Three primary groundwater aquifers have been identified; two shallow aquifers and one deep aquifer. Because of the h
igh degree of fractures in and porous nature of the slag, the tides bring seawater inland several hundred feet where it mixes with groundwater. The groundwater within each of the three aquifers is designated as either potential drinking water (Clas s IIB) or as non-potable water (Class III). Groundwater at or near the site is not

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

being used as a drinking water source. Several small areas of the site have been identified as potential wetlands and if these areas are confirmed as wetlands and if remediation occurs in these areas, the extent of mitigation will be determined during remedial design. As of fall 2001, the waterway areas (OUs 1-18 and OU 25), the Asarco property and surrounding Ruston area (OUs 19-22), and Tacoma Tar Pits (OU 23) are all in various stages of design and cleanup. The Blair and St. Paul waterways have been deleted from the NPL.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/01/1979
Assessment:	SITE INSPECTION	Completed:	12/01/1982
Assessment:	SITE INSPECTION	Completed:	12/01/1982
Assessment:	HRS PACKAGE	Completed:	12/08/1982
Assessment:	PROPOSAL TO NPL	Completed:	12/30/1982
Assessment:	COMMUNITY INVOLVEMENT	Completed:	04/13/1983
Assessment:	FINAL LISTING ON NPL	Completed:	09/08/1983
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/01/1984
Assessment:	COMBINED RI/FS	Completed:	11/01/1984
Assessment:	RI/FS NEGOTIATIONS	Completed:	11/15/1984
Assessment:	RI/FS NEGOTIATIONS	Completed:	08/15/1986
Assessment:	ADMIN ORDER ON CONSENT	Completed:	09/10/1986
Assessment:	STATE ORDER	Completed:	12/15/1987
Assessment:	REMEDIAL INVESTIGATION	Completed:	12/30/1987
Assessment:	RECORD OF DECISION	Completed:	12/30/1987
Assessment:	PRP RI/FS	Completed:	12/30/1987
Assessment:	ADMINISTRATIVE RECORDS	Completed:	12/31/1987
Assessment:	PRP REMOVAL	Completed:	02/10/1988
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/20/1988
Assessment:	REMOVAL NEGOTIATIONS	Completed:	09/29/1988
Assessment:	ADMIN ORDER ON CONSENT	Completed:	09/29/1988
Assessment:	UNILATERAL ADMIN ORDER	Completed:	09/30/1988
Assessment:	STATE ORDER	Completed:	11/30/1988
Assessment:	REMOVAL NEGOTIATIONS	Completed:	03/08/1989
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/08/1989
Assessment:	RECORD OF DECISION	Completed:	09/30/1989
Assessment:	RECORD OF DECISION	Completed:	09/30/1989
Assessment:	PRP RD	Completed:	09/30/1989
Assessment:	COMBINED RI/FS	Completed:	09/30/1989
Assessment:	COMBINED RI/FS	Completed:	09/30/1989
Assessment:	STATE ORDER	Completed:	01/16/1990
Assessment:	REMOVAL ASSESSMENT	Completed:	07/02/1990
Assessment:	STATE ORDER	Completed:	08/22/1990
Assessment:	Lodged By DOJ	Completed:	09/11/1990
Assessment:	Lodged By DOJ	Completed:	09/11/1990
Assessment:	REMOVAL ASSESSMENT	Completed:	09/17/1990
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/27/1990
Assessment:	PRP RA	Completed:	09/28/1990
Assessment:	STATE ORDER	Completed:	11/16/1990
Assessment:	RECORD OF DECISION	Completed:	12/31/1990
Assessment:	PRP RI/FS	Completed:	12/31/1990
Assessment:	STATE ORDER	Completed:	01/30/1991
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	02/13/1991
Assessment:	REMOVAL NEGOTIATIONS	Completed:	02/14/1991
Assessment:	UNILATERAL ADMIN ORDER	Completed:	02/14/1991
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/29/1991

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Assessment:	RD/RA NEGOTIATIONS	Completed:	03/29/1991
Assessment:	CONSENT DECREE	Completed:	05/10/1991
Assessment:	CONSENT DECREE	Completed:	05/10/1991
Assessment:	Lodged By DOJ	Completed:	06/24/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/16/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	07/24/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	07/29/1991
Assessment:	STATE ORDER	Completed:	07/31/1991
Assessment:	Lodged By DOJ	Completed:	08/21/1991
Assessment:	Lodged By DOJ	Completed:	08/26/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/16/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/26/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/27/1991
Assessment:	STATE ORDER	Completed:	09/30/1991
Assessment:	Lodged By DOJ	Completed:	10/04/1991
Assessment:	Lodged By DOJ	Completed:	10/04/1991
Assessment:	STATE ORDER	Completed:	10/07/1991
Assessment:	CONSENT DECREE	Completed:	10/19/1991
Assessment:	CONSENT DECREE	Completed:	10/19/1991
Assessment:	UNILATERAL ADMIN ORDER	Completed:	10/23/1991
Assessment:	Explanation Of Significant Differences	Completed:	11/01/1991
Assessment:	PRP RD	Completed:	12/06/1991
Assessment:	CONSENT DECREE	Completed:	12/13/1991
Assessment:	Lodged By DOJ	Completed:	12/30/1991
Assessment:	SECTION 106 LITIGATION	Completed:	02/11/1992
Assessment:	CONSENT DECREE	Completed:	02/11/1992
Assessment:	CONSENT DECREE	Completed:	02/11/1992
Assessment:	PRP REMOVAL	Completed:	02/13/1992
Assessment:	PRP RD	Completed:	03/11/1992
Assessment:	TECHNICAL ASSISTANCE	Completed:	03/20/1992
Assessment:	ADMINISTRATIVE RECORDS	Completed:	05/05/1992
Assessment:	CONSENT DECREE	Completed:	05/18/1992
Assessment:	STATE ORDER	Completed:	06/17/1992
Assessment:	ADMIN ORDER ON CONSENT	Completed:	07/07/1992
Assessment:	PRP FS	Completed:	11/09/1992
Assessment:	STATE CONSENT DECREE	Completed:	12/11/1992
Assessment:	PRP RD	Completed:	01/04/1993
Assessment:	TECHNICAL ASSISTANCE	Completed:	02/04/1993
Assessment:	PRP RD	Completed:	03/03/1993
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/09/1993
Assessment:	PRP RD	Completed:	05/19/1993
Assessment:	RECORD OF DECISION	Completed:	06/16/1993
Assessment:	COMBINED RI/FS	Completed:	06/16/1993
Assessment:	Explanation Of Significant Differences	Completed:	06/24/1993
Assessment:	RD/RA NEGOTIATIONS	Completed:	06/25/1993
Assessment:	ADMINISTRATIVE RECORDS	Completed:	06/25/1993
Assessment:	PRP RA	Completed:	06/30/1993
Assessment:	PRP RD	Completed:	07/01/1993
Assessment:	UNILATERAL ADMIN ORDER	Completed:	08/09/1993
Assessment:	Lodged By DOJ	Completed:	08/16/1993

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Assessment:	PRP RD	Completed:	08/16/1993
Assessment:	SECTION 104(E) REF LITIGATION	Completed:	08/27/1993
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/1993
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/1993
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/1993
Assessment:	PRP RD	Completed:	10/07/1993
Assessment:	CONSENT DECREE	Completed:	10/08/1993
Assessment:	Explanation Of Significant Differences	Completed:	11/29/1993
Assessment:	RD/RA NEGOTIATIONS	Completed:	11/29/1993
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/29/1993
Assessment:	PRP RD	Completed:	12/21/1993
Assessment:	PRP RD	Completed:	02/25/1994
Assessment:	PRP REMOVAL	Completed:	03/07/1994
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/23/1994
Assessment:	RD/RA NEGOTIATIONS	Completed:	03/23/1994
Assessment:	REMEDIAL ACTION	Completed:	08/31/1994
Assessment:	PRP RA	Completed:	09/23/1994
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/27/1994
Assessment:	FEASIBILITY STUDY	Completed:	10/04/1994
Assessment:	ADMIN ORDER ON CONSENT	Completed:	10/04/1994
Assessment:	Lodged By DOJ	Completed:	11/22/1994
Assessment:	Lodged By DOJ	Completed:	12/23/1994
Assessment:	CONSENT DECREE	Completed:	01/19/1995
Assessment:	PRP REMOVAL	Completed:	01/20/1995
Assessment:	RECORD OF DECISION	Completed:	03/24/1995
Assessment:	PRP RI/FS	Completed:	03/24/1995
Assessment:	CONSENT DECREE	Completed:	05/02/1995
Assessment:	Explanation Of Significant Differences	Completed:	05/09/1995
Assessment:	Lodged By DOJ	Completed:	07/11/1995
Assessment:	PRP RD	Completed:	07/19/1995
Assessment:	PRP RA	Completed:	07/21/1995
Assessment:	PRP RD	Completed:	08/03/1995
Assessment:	PRP RA	Completed:	09/27/1995
Assessment:	CONSENT DECREE	Completed:	11/02/1995
Assessment:	RD/RA NEGOTIATIONS	Completed:	03/06/1996
Assessment:	PRP RD	Completed:	05/08/1996
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	05/31/1996
Assessment:	Lodged By DOJ	Completed:	06/24/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	06/30/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	06/30/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	06/30/1996
Assessment:	Explanation Of Significant Differences	Completed:	07/02/1996
Assessment:	NOTICE OF INTENT TO PARTIALLY DELETE	Completed:	08/28/1996
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	10/18/1996
Assessment:	PARTIAL NPL DELETION	Completed:	10/29/1996
Assessment:	PARTIAL NPL DELETION	Completed:	10/29/1996
Assessment:	CONSENT DECREE	Completed:	01/03/1997
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	02/19/1997
Assessment:	ADMIN ORDER ON CONSENT	Completed:	04/14/1997
Assessment:	RD/RA NEGOTIATIONS	Completed:	04/14/1997
Assessment:	PRP RA	Completed:	05/22/1997
Assessment:	Explanation Of Significant Differences	Completed:	07/28/1997
Assessment:	MANAGEMENT ASSISTANCE	Completed:	10/28/1997
Assessment:	REMOVAL NEGOTIATIONS	Completed:	11/06/1997
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/06/1997
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	04/13/1998

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	09/29/1998
Assessment:	ADMIN ORDER ON CONSENT	Completed:	10/13/1998
Assessment:	Lodged By DOJ	Completed:	11/13/1998
Assessment:	CONSENT DECREE	Completed:	12/04/1998
Assessment:	NPL RP SEARCH	Completed:	03/31/1999
Assessment:	ADMIN ORDER ON CONSENT	Completed:	06/09/1999
Assessment:	PRP REMOVAL	Completed:	09/28/1999
Assessment:	Lodged By DOJ	Completed:	10/04/1999
Assessment:	PRP RA	Completed:	11/03/1999
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	12/29/1999
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	03/31/2000
Assessment:	CONSENT DECREE	Completed:	06/23/2000
Assessment:	PRP RA	Completed:	06/29/2000
Assessment:	PRP RA	Completed:	06/29/2000
Assessment:	PRP RA	Completed:	06/29/2000
Assessment:	PRP FS	Completed:	07/14/2000
Assessment:	RECORD OF DECISION	Completed:	07/14/2000
Assessment:	Explanation Of Significant Differences	Completed:	08/03/2000
Assessment:	PRP RA	Completed:	12/22/2000
Assessment:	MANAGEMENT ASSISTANCE	Completed:	03/31/2001
Assessment:	PRP RA	Completed:	03/31/2001
Assessment:	NPL RP SEARCH	Completed:	03/31/2001
Assessment:	PRP RD	Completed:	03/31/2001
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/04/2001
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	07/06/2001
Assessment:	REMOVAL NEGOTIATIONS	Completed:	07/24/2001
Assessment:	ADMIN ORDER ON CONSENT	Completed:	07/24/2001
Assessment:	COMMUNITY ADVISORY GROUP	Completed:	09/30/2001
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	12/21/2001

CERCLIS Site Status:
Not reported

CERCLIS Alias Name(s):
COMMENCEMENT BAY - NEARSHORE/TIDEFLATS
COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS
COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS

NPL:

EPA ID:	WAD980726368
Region:	10
Federal:	General
Final Date:	09/08/1983

NPL Contaminant:

NPL Status:	Final
Substance Id:	D004
Case Num:	7440-38-2
Substance :	ARSENIC
Pathway :	AIR
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Observed Release & Toxicity
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported

NPL Status:	Final
Substance Id:	A051
Case Num:	79-34-5
Substance :	TETRACHLOROETHANE, NOS

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C138
Case Num:	7647-14-5
Substance :	SODIUM CHLORIDE
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U044
Case Num:	67-66-3
Substance :	CHLOROFORM
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U131
Case Num:	67-72-1
Substance :	HEXACHLOROETHANE
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U211
Case Num:	56-23-5
Substance :	CARBON TETRACHLORIDE
Pathway :	GW
GW Scoring :	Observed Release & Toxicity
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U228
Case Num:	79-01-6
Substance :	TRICHLOROETHYLENE (TCE), 1,1,2-

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	W001
Case Num:	Not reported
Substance :	HEAVY METALS, NOS
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	A020
Case Num:	7440-47-3
Substance :	CHROMIUM AND COMPOUNDS, NOS (CR)
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	A051
Case Num:	79-34-5
Substance :	TETRACHLOROETHANE, NOS
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C132
Case Num:	Not reported
Substance :	HYDROCARBONS, NOS
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C460
Case Num:	7439-97-6
Substance :	MERCURY

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	D004
Case Num:	7440-38-2
Substance :	ARSENIC
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release & Toxicity
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U044
Case Num:	67-66-3
Substance :	CHLOROFORM
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U077
Case Num:	107-06-2
Substance :	DICHLOROETHANE, 1,2-
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U211
Case Num:	56-23-5
Substance :	CARBON TETRACHLORIDE
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release & Toxicity
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U228
Case Num:	79-01-6
Substance :	TRICHLOROETHYLENE (TCE), 1,1,2-

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported

NPL Site:

CERCLIS Id:	WAD980726368
Site City:	Pierce County
Site State:	WA
NPL Status:	Final
Status Date:	09/08/83
Federal Site:	Not reported
HRS Score:	42.20
GW Score:	6.12
SW Score:	10.91
Air Score:	71.92
Soil Score:	0.00
DC Score:	62.50
FE Score:	0.00

NPL Char:

NPL Status:	Final
Category Description:	DEPTH TO AQUIFER
Category Value:	10
NPL Status:	Final
Category Description:	DISTANCE TO THE NEAREST POPULATION
Category Value:	10
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Air
Category Value:	Not reported
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Direct Contact
Category Value:	Not reported
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Ground Water
Category Value:	Not reported
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Surface Water
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Commercial
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Industrial Process Cooling
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Irrigation
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Unknown
Category Value:	Not reported

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Solid
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing Electronic/Electric
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing Primary Metals
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Bay
Category Value: Not reported

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

RCRIS:
Owner: US EPA
(360) 555-1212
EPA ID: WAD980726368

Contact: LORI COHEN
(206) 553-6708

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comperhensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

1
NNW
< 1/8
21 ft.
Higher

TACOMA PORT MOTOR INN
3518 PACIFIC HWY E
FIFE, WA 98424

RCRIS-SQG **1001490527**
FINDS **WAD988469813**

TACOMA PORT MOTOR INN (Continued) **1001490527**

RCRIS:
Owner: WA ECY
(360) 555-1212
EPA ID: WAD988469813
Contact: MIKE OSWEILER
(360) 586-0365
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A2 West < 1/8 375 ft. Higher | **LA CASA REAL DRUM** | **RCRIS-SQG** | **1000920735**
3410 PACIFIC HWY E | **FINDS** | **WA0000857136**
FIFE, WA 98424

Site 1 of 4 in cluster A

RCRIS:
Owner: WA ECY
(360) 555-1212
EPA ID: WA0000857136
Contact: BRETT MANNING
(360) 407-6300
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A3 West < 1/8 378 ft. Higher | **SAC'S MART** | **UST** | **U003354092**
3408B PACIFIC HWY | **N/A**
FIFE, WA 98424

Site 2 of 4 in cluster A

SAC'S MART (Continued) **U003354092**

UST:

Facility ID:	318018
Install Date:	10/6/1992 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	318018
Install Date:	6/1/1996 0:00
Capacity:	5,000 TO 9,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	318018
Install Date:	10/6/1992 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

A4 West < 1/8 381 ft. Higher — **UNOCAL 7343**, **3408 PACIFIC HWY**, **TACOMA, WA 98422** — **WA ICR** — **S103510887**, **N/A**

Site 3 of 4 in cluster A

WA ICR:

Date Ecology Received Report:	11/02/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-36
County Code:	27
Contact:	Not reported
Report Title:	Not reported

A5 West < 1/8 409 ft. Higher — **GLACIER MOTEL DRUG BU**, **3401 PACIFIC HWY E**, **FIFE, WA 98424** — **RCRIS-SQG**, **FINDS** — **1000199919**, **WAD982821266**

Site 4 of 4 in cluster A

GLACIER MOTEL DRUG BU (Continued) **1000199919**

RCRIS:
Owner: WA ECY
(360) 555-1212
EPA ID: WAD982821266
Contact: BOB WARREN
(360) 586-5423
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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6 East < 1/8 599 ft. Higher

THERMO KING NORTHWEST
3701 PACIFIC HWY EAST
TACOMA, WA 98424

RCRIS-SQG 1000300241
FINDS WAD148332539
UST

RCRIS:
Owner: CUMMINS NW INC
(253) 922-2191
EPA ID: WAD148332539
Contact: ROGER TOLMAN
(253) 922-2191
Classification: N, Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:
Facility ID: 1095
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Not reported
Tank Name: USED OIL/WASTE OIL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

B7 NNW 1/8-1/4 873 ft. Higher

KEY BANK
1323 34TH AVE E
FIFE, WA 98424

RCRIS-SQG 1000223632
FINDS WAD982654758

Site 1 of 2 in cluster B

KEY BANK (Continued) **1000223632**

RCRIS:
Owner: KEY BANK
(253) 552-5066
EPA ID: WAD982654758
Contact: JOHN THORNBERG
(253) 552-5066
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B8 NNW 1/8-1/4 879 ft. Higher

BREKKE ENTERPRISES **CERC-NFRAP** **1003880428**
1320 TIDEHAVEN RD **WAD980664874**
TACOMA, WA 98424

Site 2 of 2 in cluster B

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Code: NFRAP
Ownership Status: Indian Lands
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY
Completed: 12/01/1980
Assessment: PRELIMINARY ASSESSMENT
Completed: 10/16/1985

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9 West 1/8-1/4 905 ft. Higher

OCCIDENTAL CHEMICAL PITARCIK **RCRIS-SQG** **1004793276**
PACIFIC HWY E & PORT OF TACOMA **WA0000758979**
TACOMA, WA 98424

RCRIS:
Owner: OCC TACOMA INC
(253) 274-9760
EPA ID: WA0000758979
Contact: MAURY WASSMANN
(253) 274-9760
Classification: N, Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Violation Status: No violations found

C10 West 1/8-1/4 1027 ft. Higher — **TEXACO 63 232 0143 TWO REPORTS)**, **3251 PACIFIC HWY E.**, **FIFE, WA 98424** — **WA ICR** — **S103504190** / **N/A**

Site 1 of 4 in cluster C

WA ICR:

Date Ecology Received Report:	02/26/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

C11 West 1/8-1/4 1027 ft. Higher — **TEXACO 63 232 0143**, **3251 PACIFIC HWY E.**, **FIFE, WA 98424** — **WA ICR** — **S103503789** / **N/A**

Site 2 of 4 in cluster C

WA ICR:

Date Ecology Received Report:	02/21/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-18
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/23/1997
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-01
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/08/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27

TEXACO 63 232 0143 (Continued) **S103503789**

Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/21/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-09
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/15/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-11
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	11/25/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-14
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	01/16/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Fourth Quarter 2000

Date Ecology Received Report:	12/20/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

TEXACO 63 232 0143 (Continued) **S103503789**

Date Ecology Received Report:	06/13/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-27
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/09/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-39
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Second Quarter 2001

C12 West 1/8-1/4 1027 ft. Higher — **TEXACO STATION 632320143**, **3251 PACIFIC HWY S**, **FIFE, WA 98424** — **RCRIS-SQG 1000474210**, **FINDS WAD988483178**

Site 3 of 4 in cluster C

RCRIS:
Owner: EQUILON ENTERPRISES LLC
(713) 241-2258
EPA ID: WAD988483178
Contact: ROBIN LANE
(425) 827-0761
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C13 West 1/8-1/4 1027 ft. Higher — **TEXACO STATION #63-232-0143**, **3251 PACIFIC HWY E**, **FIFE, WA 98424** — **LUST U003354455**, **UST N/A**

Site 4 of 4 in cluster C

TEXACO STATION #63-232-0143 (Continued) **U003354455**

LUST:

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Cleanup Started	Status Date:	12/18/1990 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Soil		

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Cleanup Started	Status Date:	12/18/1990 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Ground Water		

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Monitoring	Status Date:	1/16/2001 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Soil		

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Monitoring	Status Date:	1/16/2001 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Ground Water		

UST:

Facility ID:	423934
Install Date:	1/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	423934
Install Date:	1/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	423934
Install Date:	1/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	DIESEL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

TEXACO STATION #63-232-0143 (Continued) **U003354455**

Facility ID: 423934
Install Date: 1/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

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14 WNW 1/8-1/4 1067 ft. Higher

FLYING J TRAVEL PLAZA
1501 33RD AVE E
FIFE, WA 98424

LUST **U003356012**
WA ICR **N/A**
UST

LUST:

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Awaiting Cleanup	Status Date:	4/6/1992 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Soil		

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Awaiting Cleanup	Status Date:	4/6/1992 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Ground Water		

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Cleanup Started	Status Date:	9/15/1995 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Soil		

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Cleanup Started	Status Date:	9/15/1995 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Ground Water		

WA ICR:

Date Ecology Received Report:	08/28/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-07
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/10/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report

FLYING J TRAVEL PLAZA (Continued) **U003356012**

Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/23/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	07/15/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-28
County Code:	27
Contact:	Not reported
Report Title:	Not reported

UST:

Facility ID:	97690
Install Date:	1/1/1979 0:00
Capacity:	111 to 1,100 Gallons
Status:	Not reported
Tank Name:	USED OIL/WASTE OIL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	97690
Install Date:	1/1/1979 0:00
Capacity:	111 to 1,100 Gallons
Status:	Not reported
Tank Name:	USED OIL/WASTE OIL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	97690
Install Date:	1/1/1979 0:00
Capacity:	Not reported
Status:	Not reported
Tank Name:	USED OIL/WASTE OIL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

FLYING J TRAVEL PLAZA (Continued) **U003356012**

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: LEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

D15 **SIERRA SANDBLASTING PAINTING LLC** **RCRIS-LQG** **1001969699**
NNW **3402 12TH ST E** **WAH000010637**
1/8-1/4 **FIFE, WA 98424**
1272 ft.
Lower **Site 1 of 2 in cluster D**

SIERRA SANDBLASTING PAINTING LLC (Continued) **1001969699**

RCRIS:
Owner: DOUGLAS & KATHARINE GRANUM
(253) 922-1196
EPA ID: WAH000010637
Contact: BETTY HENNION
(253) 922-1196
Classification: N, Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

D16 NNW 1/8-1/4 1272 ft. Lower **SIERRA SANDBLASTING PAINTING LLC** **RCRIS-SQG 1000368705**
3402 12TH ST E **FINDS WAD078199981**
TACOMA, WA 98424

Site 2 of 2 in cluster D

RCRIS:
Owner: DOUGLAS & KATHARINE GRANUM
(206) 922-1196
EPA ID: WAD078199981
Contact: DOUGLAS GRANUM
(253) 922-1196
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: Violations exist

Regulation Violated: WAC 173-303-170(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/31/2001

Regulation Violated: -200
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/16/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/20/1992
Penalty Type: Not reported

Regulation Violated: -220
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/16/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/20/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-145
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/13/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-630(7)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

SIERRA SANDBLASTING PAINTING LLC (Continued) **1000368705**

Date Violation Determined: 02/13/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-200(1)(D)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-070
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-630(5)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-060
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-630(7)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-210
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-200(1)(D)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 171-303-630(5)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

SIERRA SANDBLASTING PAINTING LLC (Continued) **1000368705**

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-070
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

There are 14 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
Other Evaluation	GENERATOR-GENERAL REQUIREMENTS	08/01/199
	GENERATOR-GENERAL REQUIREMENTS	08/16/199
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E17 East 1/8-1/4 1296 ft. Higher **JET TRUCK PARTS INC**
3909 PACIFIC HY EAST
TACOMA, WA 98424

UST **U003355262**
N/A

Site 1 of 2 in cluster E

UST:
Facility ID: 7083
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Not reported
Tank Name: LEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

E18 East 1/8-1/4 1296 ft. Higher — **TNT AUTOBODY & PAINT**, **3909 PACIFIC HWY E**, **FIFE, WA 98424** — **RCRIS-SQG, FINDS** — **1000891883, WA0000188706**

Site 2 of 2 in cluster E

RCRIS:
Owner: TAMMI HATCHER
(253) 922-2996
EPA ID: WA0000188706
Contact: TAMMI HATCHER
(253) 922-2996
Classification: N, Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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19 SSW 1/4-1/2 1544 ft. Higher — **UNION PACIFIC RR FIFE**, **3330 20TH ST E**, **FIFE, WA 98424** — **CSCSL, SPILLS** — **1000838366, N/A**

SHWS:
Facility ID: 28881
Responsible Unit: SW
Latitude: 47 14 19
Longitude: 122 23 0
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported

UNION PACIFIC RR FIFE (Continued) **1000838366**

Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 28881
Responsible Unit: SW
Latitude: 47 14 19
Longitude: 122 23 0
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Surface Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 28881
Responsible Unit: SW
Latitude: 47 14 19
Longitude: 122 23 0
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported

UNION PACIFIC RR FIFE (Continued) **1000838366**

Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

WA SPILL:

Facility ID:	525019
Date Received:	03/14/2002
Business Name:	UNION PACIFIC RAILROAD (UPRR
Material Desc :	PETROLEUM - DIESEL FUEL
Medium:	SOIL
Material Qty:	20
Material Units:	GALLON

F20 **DAUPHIN SITE** **CERCLIS 1000347234**
West **2911 PACIFIC HWY E** **FINDS WAD980514566**
1/4-1/2 **TACOMA, WA 98424**
2092 ft.
Higher **Site 1 of 2 in cluster F**

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Indian Lands	NPL Status:	Site is Part of NPL Site

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	05/14/1986
Assessment:	SITE INSPECTION	Completed:	12/08/1988

CERCLIS Site Status:
Addressed as part of an existing NPL site

CERCLIS Alias Name(s):
DAUPHIN SITE

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comperhensive Environmental Response, Compensation and Liability Information System (CERCLIS)

F21 **OCCIDENTAL CHEMICAL DAUPHIN** **CSCSL S100080025**
West **2911 PACIFIC HWY E** **N/A**
1/4-1/2 **TACOMA, WA 98424**
2092 ft.
Higher **Site 2 of 2 in cluster F**

SHWS:

Facility ID:	1281
Responsible Unit:	SW
Latitude:	47 14 36
Longitude:	122 23 20

Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)

OCCIDENTAL CHEMICAL DAUPHIN (Continued) **S100080025**

Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 1281
Responsible Unit: SW
Latitude: 47 14 36
Longitude: 122 23 20
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present

OCCIDENTAL CHEMICAL DAUPHIN (Continued) **S100080025**

Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

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22 West 1/4-1/2 2428 ft. Higher

BOITANO SITE
2800 PACIFIC HWY E
FIFE, WA 98424

RCRIS-SQG 1001234109
CSCSL WAH000005215

RCRIS:
Owner: JOHN BOITANO
(253) 922-8124
EPA ID: WAH000005215
Contact: DAN MARSH
(253) 565-5097
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

SHWS:
Facility ID: 39816865
Responsible Unit: SW
Latitude: 47 14 35
Longitude: 122 23 29
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

BOITANO SITE (Continued) **1001234109**

Facility ID: 39816865
Responsible Unit: SW
Latitude: 47 14 35
Longitude: 122 23 29
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Confirmed above MTCA cleanup levels
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

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23 West 1/2-1 3037 ft. Higher

FIFE INDUSTRIAL PARK
2603 PACIFIC HWY E
FIFE, WA 98424

CSCSL U003732707
UST N/A

SHWS:
Facility ID: 85298548
Responsible Unit: SW
Latitude: 47 14 36
Longitude: 122 23 36
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported

FIFE INDUSTRIAL PARK (Continued) **U003732707**

Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Below MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 85298548
Responsible Unit: SW
Latitude: 47 14 36
Longitude: 122 23 36
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Treated, removed, or contained
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

FIFE INDUSTRIAL PARK (Continued) **U003732707**

UST:

Facility ID: 200228
Install Date: Not reported
Capacity: 5,000 TO 9,999 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 10,000 TO 19,999 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 10,000 TO 19,999 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 5,000 TO 9,999 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 111 TO 1,000 GALLONS
Status: Not reported
Tank Name: USED OIL/WASTE OIL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

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24 West 1/2-1 4421 ft. Higher

VENEER CHIP TRANSPORT
2205 PACIFIC HWY E
TACOMA, WA 98424

CSCSL **S103822666**
N/A

SHWS:

Facility ID: 42252532
Responsible Unit: SW
Latitude: 47 14 31
Longitude: 122 24 45
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)

VENEER CHIP TRANSPORT (Continued) **S103822666**

Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 42252532
Responsible Unit: SW
Latitude: 47 14 31
Longitude: 122 24 45
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported

VENEER CHIP TRANSPORT (Continued) **S103822666**

Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 42252532
Responsible Unit: SW
Latitude: 47 14 31
Longitude: 122 24 45
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Surface Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

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25 East 1/2-1 4527 ft. Higher

CAC INC
5018 PACIFIC HWY E
TACOMA, WA 98424

CSCSL **S104918130** **N/A**

SHWS:
Facility ID: 20365296
Responsible Unit: SW
Latitude: 47 14 37
Longitude: 122 21 41
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported

CAC INC (Continued) **S104918130**

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 20365296
Responsible Unit: SW
Latitude: 47 14 37
Longitude: 122 21 41
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FIFE	1000241852	WASHINGTON BATTERY RECYCLING	20TH ST E	98424	RCRIS-SQG, FINDS
FIFE	2000552279	54TH AVENUE EAST CROSSING	54TH AVENUE EAST CROSSING		ERNS
FIFE	U003355952	7343	HWY. 99 & PORT OF TACOMA RD.	98424	UST
FIFE	1004794704	LEXUS OF TACOMA AT FIFE	1708 40TH AVE CT E	98424	RCRIS-SQG
FIFE	1000879026	WM DIERICKX CO	3600-D INDUSTRY DR E	98424	RCRIS-SQG, FINDS
FIFE	S103510079	TEXACO	5501 MILTON AVE. E.	98424	WA ICR
FIFE	U003352800	BOATLAND USA	4001 20TH NE	98424	LUST, UST
FIFE	S103504287	HOLLY MARINA	4001 20TH NE	98424	WA ICR
FIFE	1004794743	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS	3725 PACIFIC HWY E	98424	RCRIS-SQG
FIFE	1004794486	ARCO 5658 PSI 5328·	4716 PACIFIC HWY E	98424	RCRIS-SQG, FINDS
FIFE	1004794364	GOODYEAR TIRE 5608	3101 PACIFIC HWY E	98424	RCRIS-SQG
FIFE	1004794099	FIFE CLEANERS	5121 PACIFIC HWY E STE D	98424	RCRIS-SQG
FIFE	1004794628	COLUMBIA INSPECTION INC	4901 20TH ST E	98424	RCRIS-SQG
FIFE	1004793998	HINSHAWS ACURA	5955 20TH ST E	98424	RCRIS-SQG, FINDS
FIFE	1004793601	PRAXAIR INC FIFE	2902 20TH ST E	98424	RCRIS-SQG
TACOMA	1000241869	USARMY NG WATERCRAFT SUPPORT MAINT CTR	321 E ALEXANDER	98421	CERCLIS, RCRIS-SOG, FINDS
TACOMA	1000879037	DIKE ACCESS ROAD DRUMS	DIKE ACCESS RD & 20TH ST E	98424	RCRIS-SQG, FINDS
TACOMA	1004642634	PACIFIC COAST SHOWCASE	3400 D INDUSTRY DR E	98424	FTTS
TACOMA	S104584254	QUEBECOR INTEGRATED MEDIA	4101 D INDUSTRY DR E	98424	HAZNET
TACOMA	1000337530	UNION PACIFIC RAILROAD TUNNEL	JEFFERSON 25TH & CENTER YAKIMA	98421	CERCLIS, FINDS
TACOMA	U003354731	CAC INC	5018 PAC HWY E	98424	LUST, UST
TACOMA	1004794011	VENEER CHIP TRANSPORT	2205 PACIFIC HWY E	98424	RCRIS-SQG, FINDS
TACOMA	1004793553	COMMERCIAL SALES INC	6411 PACIFIC HWY E	98424	RCRIS-SQG
TACOMA	1004793179	LIBERTY DISTRIBUTING INC	6527 PACIFIC HWY E	98424	RCRIS-SQG
TACOMA	1001969652	HORIZON HOLDINGS 1 LLC	1423 PACIFIC AVE	98424	RCRIS-SQG
TACOMA	1001234340	DINOL US INC TACOMA	3205 PORT OF TACOMA WAY	98424	RCRIS-SQG
TACOMA	S103504390	US OIL/HYUNOAI TERMINAL	PORT OF TACOMA ROAD	98421	WA ICR
TACOMA	S104484629	PORT INDUSTRIAL YARD	1 SITCUM PLA A	98421	WA ICR
TACOMA	1004794447	ARCO 4456	5217 20TH ST E	98424	RCRIS-SQG
TACOMA	1004793856	TOPPING VOLVO	5111 20TH ST E	98424	RCRIS-SQG
TACOMA	S100080036	PUYALLUP LAND SETTLEMENT F	TAYLOR WAY	98421	CSCSL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/29/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/06/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/06/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/12/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/25/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 03/25/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/14/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/25/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 03/25/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 03/11/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 03/22/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/28/02
Elapsed ASTM days: 67
Date of Last EDR Contact: 03/04/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/00
Date Made Active at EDR: 06/03/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/05/02
Elapsed ASTM days: 90
Date of Last EDR Contact: 04/29/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/02
Date of Next Scheduled EDR Contact: 07/08/02

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/29/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02
Date of Next Scheduled EDR Contact: 08/05/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 12/14/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 05/28/02
Date of Next Scheduled EDR Contact: 08/26/02

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/01/01
Database Release Frequency: Annually
Date of Last EDR Contact: 05/14/02
Date of Next Scheduled EDR Contact: 08/12/02

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/99
Database Release Frequency: Annually
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 01/14/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

STATE OF WASHINGTON ASTM STANDARD RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List
Source: Department of Ecology
Telephone: 360-407-7200
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/26/01
Date Made Active at EDR: 01/09/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 12/11/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 05/21/02

HSL: Hazardous Sites List
Source: Department of Ecology
Telephone: 360-407-7200
The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/02
Date Made Active at EDR: 04/10/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/11/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/11/02

SWF/LF: Solid Waste Facility Database
Source: Department of Ecology
Telephone: 360-407-6132
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/01/01
Date Made Active at EDR: 12/19/01
Database Release Frequency: Annually
Date of Data Arrival at EDR: 12/04/01
Elapsed ASTM days: 15
Date of Last EDR Contact: 04/09/02

LUST: Leaking Underground Storage Tanks Site List
Source: Department of Ecology
Telephone: 360-407-7200
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/13/02
Date Made Active at EDR: 03/29/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/18/02
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/18/02

UST: Underground Storage Tank Database
Source: Department of Ecology
Telephone: 360-407-7170
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/13/02
Date Made Active at EDR: 04/08/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/18/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/18/02

STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action
Source: Department of Ecology
Telephone: 360-407-7170
The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 11/26/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/11/02
Date of Next Scheduled EDR Contact: 02/18/02

ICR: Independent Cleanup Reports
Source: Department of Ecology
Telephone: 360-407-7200
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree.

Date of Government Version: 10/31/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/21/02
Date of Next Scheduled EDR Contact: 08/19/02

SPILLS: Reported Spills
Source: Department of Ecology
Telephone: 360-407-7450
Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 04/17/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/10/02
Date of Next Scheduled EDR Contact: 07/08/02

EMI: Washington Emissions Data System
Source: Department of Ecology
Telephone: 360-407-6040

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

LOCAL RECORDS

KING COUNTY:

Abandoned Landfill Study in King County
Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle
Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
Source: Department of Public Health
Telephone: 206-296-4785
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/86
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95
Date of Next Scheduled EDR Contact: N/A

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District
Source: Snohomish Health District
Telephone: 206-339-5250

Date of Government Version: 01/17/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/24/02
Date of Next Scheduled EDR Contact: 07/22/02

TACOMA/PIERCE COUNTY:

Closed Landfill Survey
Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

3520 PACIFIC HWY EAST
3520 PACIFIC HWY EAST
FIFE, WA 98424

TARGET PROPERTY COORDINATES

Latitude (North):	47.243099 - 47' 14' 35.2"
Longitude (West):	122.382004 - 122' 22' 55.2"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	546771.6
UTM Y (Meters):	5232146.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2447122-B4 TACOMA SOUTH, WA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General North

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PIERCE, WA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	5301400005B / CBPP
Additional Panels in search area:	5301480025B / CBPP 5301380169C / CBPP 5301380188C / CBPP 5301380326C / CBPP 5301380307C / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TACOMA SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius:	2.0 miles
Location Relative to TP:	0 - 1/8 Mile NNW
Site Name:	BREKKE ENTERPRISES
Site EPA ID Number:	WAD980664874
Groundwater Flow Direction:	NOT AVAILABLE
Inferred Depth to Water:	10 feet to 20 feet
Hydraulic Connection:	The near-surface aquifer is present in fill material of fine sands and silts. The underlying aquifer is present at a depth of 150 feet or more and is semi-confined.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
5	1 - 2 Miles East	S
A6	1 - 2 Miles ESE	Not Reported
A7	1 - 2 Miles ESE	NNE
A8	1 - 2 Miles ESE	NE
B9	1 - 2 Miles North	Varies
B10	1 - 2 Miles North	NE, SW

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: PILCHUCK

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 6.10
2	20 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
3	38 inches	60 inches	gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 7.30 Min: 6.10

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
4	60 inches	70 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam
silt loam
silty clay loam
gravelly - loam
gravelly - coarse sand
muck
loam

Surficial Soil Types: fine sandy loam
silt loam
silty clay loam
gravelly - loam
gravelly - coarse sand
muck
loam

Shallow Soil Types: fine sandy loam
silty clay loam
silt loam
peaty - silt loam
loam
sandy loam

Deeper Soil Types: silt loam
silty clay loam
very gravelly - coarse sand
stratified
loamy fine sand
very gravelly - sand
sapric material
sand
very gravelly - loamy sand
loamy sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	WAGRP0000004669	1/4 - 1/2 Mile South
2	WAGRP0000004674	1/2 - 1 Mile South
3	WAGRP0000004673	1/2 - 1 Mile SW
4	WAGRP0000004683	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 798742.1s

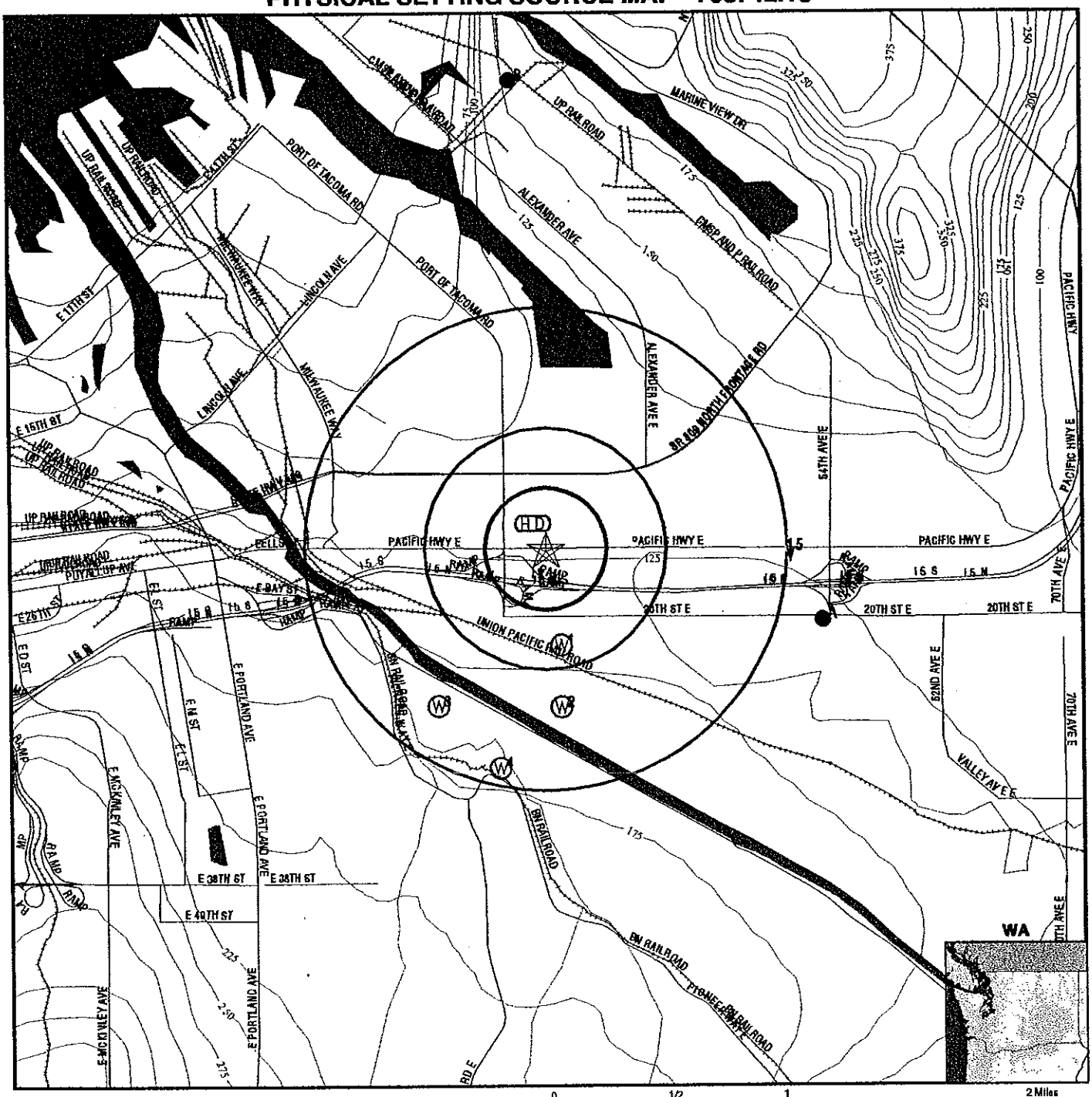

- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- (HD) Closest Hydrogeological Data

TARGET PROPERTY:	3520 Pacific Hwy East	CUSTOMER:	Kadri Consulting
ADDRESS:	3520 Pacific Hwy East	CONTACT:	Moin Kadri
CITY/STATE/ZIP:	Fife WA 98424	INQUIRY #:	798742.1s
LAT/LONG:	47.2431 / 122.3820	DATE:	June 13, 2002 5:43 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **South** **1/4 - 1/2 Mile** **Higher**		**WA WELLS**	**WAGRP0000004669**

Source Name:	WELL #1	Range:	03E
Township:	20	Section:	11
QTR Section:	SENE	Source Type:	W
Source Use:	P	SP X:	1533140
SP Y:	699969	PWS Name:	RIVERSIDE VILLA
PWS ID:	72842	Source:	01
Key ID:	7284201		

---

2 **South** **1/2 - 1 Mile** **Higher**		**WA WELLS**	**WAGRP0000004674**

Source Name:	WELL #1	Range:	03E
Township:	20	Section:	11
QTR Section:	NESE	Source Type:	W
Source Use:	P	SP X:	1533110
SP Y:	698618	PWS Name:	TACOMA COUNTRY ESTATES
PWS ID:	86790	Source:	01
Key ID:	8679001		

---

3 **SW** **1/2 - 1 Mile** **Higher**		**WA WELLS**	**WAGRP0000004673**

Source Name:	WELL 1	Range:	03E
Township:	20	Section:	11
QTR Section:	NESW	Source Type:	W
Source Use:	P	SP X:	1530420
SP Y:	698708	PWS Name:	LEMLEY WATER SYSTEM
PWS ID:	57264	Source:	01
Key ID:	5726401		

4
SSW
1/2 - 1 Mile
Higher

WA WELLS **WAGRP0000004683**

Source Name:	WELL # 1	Range:	03E
Township:	20	Section:	11
QTR Section:	SWSE	Source Type:	W
Source Use:	P	SP X:	1531730
SP Y:	697315	PWS Name:	VALLEYBRODK VILLAGE
PWS ID:	91080	Source:	01
Key ID:	9108001		

5
East
1 - 2 Miles
Higher

AQUIFLOW **42427**

Site ID:	5234
Groundwater Flow:	S
Shallowest Water Table Depth:	4.93
Deepest Water Table Depth:	7.67
Average Water Table Depth:	Not Reported
Date:	03/07/1995

A6
ESE
1 - 2 Miles
Higher

AQUIFLOW **42469**

Site ID:	7546
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	3.5 to 4
Date:	09/13/1993

A7
ESE
1 - 2 Miles
Higher

AQUIFLOW **42434**

Site ID:	5228
Groundwater Flow:	NNE
Shallowest Water Table Depth:	2.00
Deepest Water Table Depth:	4.32
Average Water Table Depth:	Not Reported
Date:	10/09/1998

A8
ESE
1 - 2 Miles
Higher

AQUIFLOW **42446**

Site ID:	9528
Groundwater Flow:	NE
Shallowest Water Table Depth:	2.30
Deepest Water Table Depth:	3.63
Average Water Table Depth:	Not Reported
Date:	12/27/1997

B9
North
1 - 2 Miles
Higher

AQUIFLOW **45998**

Site ID:	010300
Groundwater Flow:	Varies
Shallowest Water Table Depth:	230.0
Deepest Water Table Depth:	370.0
Average Water Table Depth:	Not Reported
Date:	02/1990

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
B10 **North** **1 - 2 Miles** **Higher**	Site ID:	200469	**AQUIFLOW**	**42465**
	Groundwater Flow:	NE, SW		
	Shallowest Water Table Depth:	1.9		
	Deepest Water Table Depth:	5.8		
	Average Water Table Depth:	Not Reported		
	Date:	09/19/1996		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for PIERCE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 98424

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Wells
Source: Department of Transportation
Telephone: 360-705-7444
Group A well location points in Washington State.

Kitsap County Water Wells in Washington
Source: Public Utility District No. 1 of Kitsap County
Telephone: 206-779-7656

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

FIFE, WASHINGTON
PHASE I AND LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT

APRIL 2004

ROBINSON & NOBLE, INC.
and
Saltbush Environmental Services
GROUNDWATER & ENVIRONMENTAL SCIENTISTS
Established 1947

5320 ORCHARD STREET WEST
TACOMA, WASHINGTON 98467
(253) 475-7711 • FAX 472-5846

Table #1 Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene and Xylenes in soil (results in mg/kg)

Analyte/ Sample ID	Gasoline	Diesel	Mineral Oil	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B1 #1	34	ND	ND	ND	0.61	0.60	0.40	1.0
B1 #2	69	ND	ND	ND	1.04	0.83	3.28	2.1
B2 #3	ND	ND	ND	71	-	-	-	-
B2 #4	ND	ND	ND	ND	-	-	-	-
B3	ND	ND	ND	ND	-	-	-	-
B4	ND	ND	ND	ND	-	-	-	-
B5	ND	ND	ND	ND	-	-	-	-
B6	ND	ND	ND	ND	-	-	-	-
B7	ND	ND	ND	ND	-	-	-	-
B8	ND	ND	ND	ND	-	-	-	-
B9	ND	ND	ND	ND	-	-	-	-
B10	ND	ND	ND	290	-	-	-	-
MTCA A	30	2,000	4,000	2,000	0.03	7	6	9

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for soil
ND indicates below the laboratory detection limit

Table #2 Heavy Metals in soil (results in mg/kg)

Analyte/ Sample ID	Lead	Chromium	Cadmium	Arsenic	Mercury
B1 #1	3.0	8.8	ND	ND	ND
B1 #2	4.2	5.3	ND	ND	ND
B2 #3	4.5	3.2	ND	ND	ND
B2 #4	1.9	6.3	ND	2.1	ND
B3	7.3	2.9	ND	ND	ND
B4	1.7	2.1	ND	ND	ND
B5	ND	ND	ND	4.3	ND
B6	4.6	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND
B8	13	5.5	ND	ND	ND
B9	ND	3.0	ND	ND	ND
B10	2.0	6.7	ND	ND	ND
MTCA A	250	2000	2	20	2

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for soils
ND indicates below the laboratory detection limit

Laboratory analysis of ground water collected from boring B1 indicated concentrations of gasoline (21,700 µg/L), benzene (3,100 µg/L) and ethylbenzene (1,730 µg/L) above the MTCA method A cleanup levels (gasoline: 800 µg/L, benzene: 5 µg/L, ethylbenzene: 700 µg/L) for ground water and ground water collected from boring B2 had concentrations of benzene (9.6 µg/L) above MTCA Method A cleanup levels. Groundwater samples collected were also analyzed for heavy metals, which included arsenic, cadmium, chromium, lead and mercury. Samples analyzed indicated concentrations of arsenic, chromium and lead above the MTCA Method A cleanup levels in all of the boring locations except for boring B6. The following tables summarize the laboratory analysis of ground water.

Table #3 Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene and Xylenes in Ground Water (results in µg/L) yes

Analyte/ Sample ID	Gasoline	Diesel	Mineral Oil	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B1	21,700	ND	ND	ND	3,100	189	1,730	19
B2	230	ND	ND	ND	9.6	ND	ND	7.5
B3	ND	ND	ND	ND	ND	ND	ND	ND
B4	ND	ND	ND	ND	ND	ND	ND	ND
B5	ND	ND	ND	ND	ND	ND	ND	ND
B6	ND	ND	ND	ND	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND	ND	ND	ND
B8	ND	ND	ND	ND	ND	ND	ND	ND
B9	ND	ND	ND	ND	ND	ND	ND	ND
B10	ND	ND	ND	ND	ND	ND	ND	ND
MTCA A	800	500	500	500	5	1,000	700	1,000

Table #4 Heavy Metals in Ground Water (results in µg/L) No in mg/l

Analyte/ Sample ID	Lead	Chromium	Cadmium	Arsenic	Mercury
B1	0.13	0.06	ND	0.024	ND
B2	0.020	0.02	ND	0.047	ND
B3	ND	0.13	ND	0.005	ND
B4	0.002	0.03	ND	0.005	ND
B5	0.170	0.35	ND	0.012	ND
B6	ND	ND	ND	ND	ND
B7	0.009	0.10	ND	0.041	ND
B8	0.005	0.40	ND	0.015	ND
B9	0.050	0.20	ND	0.046	ND
B10	0.008	0.05	ND	0.069	ND
MTCA A	0.015	0.05	0.005	0.005	0.015

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for ground water
ND indicates below the laboratory detection limit

6.2 Limited Phase II Conclusion

This limited Phase II Environmental Site Assessment (sampling and analysis of ground water and soil) was conducted to determine if the subject site was impacted from conditions discovered during the Phase I investigation. These conditions include the historical presence of a gas station to the west of the subject, two current gas stations to the north of the subject, (which are currently involved in or have had cleanup operations due to leaking underground storage tanks), and the unknown disposition of approximately 3-5 feet of fill material residing on the subject site.

Analysis of soil and groundwater samples indicate that the northwestern portion of the site is impacted by gasoline-range petroleum hydrocarbons and benzene in soil and gasoline-range petroleum, benzene and ethylbenzene in ground water in concentrations above MTCA Method A cleanup levels for ground water and soil. It is unknown from the data collected to date as to where the source of this contamination is and additional investigation would be required to determine

the source. This additional investigation should include groundwater monitoring wells and additional soil borings and laboratory analysis. Also, it appears ground water is impacted with concentrations of arsenic, chromium and lead above MTCA Method A cleanup levels below the subject site. It is unknown whether an off-site condition or the resident fill material is the source of this groundwater contamination. Additional investigation of the soils can be conducted in conjunction with the investigation into the petroleum-impacted soils.

7.0 Findings, Conclusions and Recommendations

7.1 Findings and Conclusions

The subject property consists of two commercially zoned parcels of land. These parcels are currently used for commercial business operations. The surrounding properties are various commercial businesses including gas stations, office buildings, a motel, and a restaurant.

We have performed Phase I and Limited Phase II Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of 3402 and 3520 Pacific Highway East, Fife, Washington 98424. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this document. This assessment has not revealed evidence of recognized environmental conditions except for the following:

- Approximately one to three feet of fill material is present on the subject parcels. The Limited Phase II investigation conducted did not reflect environmental impacted soils. However, ground water under the subject site is impacted with arsenic, chromium and lead above MTCA Method A cleanup levels for ground water. It is unknown at this time whether or not the ground water is impacted from the fill or an off-site source.
- A historical gas station was located adjacent to the west and two current gas stations with leaking underground storage tanks are located to the north of the subject. There was no information on the historical gas station but Washington Department of Ecology files were reviewed for this project for the two current stations. These reports indicated that the Sac's Chevron site located adjacent to the subject site (northwest of subject) was reported as cleaned up and a NFA was granted by Ecology. The other gas station site, Texaco (Shell) station, is located northwest and across Pacific Highway East from the subject. During the upgrade of their underground storage tanks, contaminated soil and ground water was encountered. A portion of the contaminated soil was removed and a vapor extraction system and groundwater monitoring wells were installed. A note in the file from Lynn Gooding, Department of Ecology, dated February 2002 indicated that quarterly monitoring is continuing and that the contamination plume is still not defined and may be off-site.

  A Limited Phase II investigation was conducted to determine if these sites might have impacted the subject site. Soil borings were placed along the northwestern boundary of the subject. Soil and groundwater samples collected and analyzed indicated the presence of gasoline-range petroleum hydrocarbons, benzene and ethylbenzene above the MTCA Method A cleanup levels for both soil and ground water. There is not enough data at this time to determine the likely source of contamination.

7.2 Recommendations

Additional study should be conducted to determine the aerial and lateral extent of petroleum contamination found in the northwest portion of the subject property. This investigation should also include steps to determine the impact of arsenic, chromium, and lead to ground water and whether the source is from on- or off-site sources. Recommended study includes the installation of

groundwater monitoring wells, additional soil borings and sampling and analysis of soil and groundwater samples. Groundwater monitoring wells will help to determine local ground water gradient to facilitate the determination of potential sources of contamination.

8.0 References

Federal, State, and Local Agency Records

EDR Radius Map with GeoCheck, EDR, Inc. February 18, 2004
Washington Department of Ecology Files
Washington State Transportation Department Map (1936)

Library Research Tools

Polk's Suburban Directories
Sanborn Fire Insurance Maps
Metsker Historical Atlases

Other Sources

Pierce County Assessor-Treasurer's Office
City Tacoma Geographic Information System
U. S. Department of the Interior - Geological Survey - 7.5-Minute Series
U. S. Department of Agriculture - Soil Survey Pierce County, Washington 1979
Aerolist Photographers - Aerial Photographs
EDR Historical Topographic Map Report February 23, 2004
Draft Phase I Environmental Site Assessment Fife Retail Complex 3408-3508 Pacific Highway East, Fife, Washington Environmental Resources Management, February 2000
Phase I Environmental Site Assessment Hometel Inn Motel 3520 Pacific Highway East, Fife, Washington NVL Laboratories, Inc. June 2002

9.0 Closure

This concludes the Phase I and Limited Phase II Environmental Site Assessment of two parcels located in Pierce County Washington. Questions regarding the contents of this report should be addressed to the project manager. The professional qualifications of the preparers of the report are listed in Appendix E to this document.

The statements, conclusions, and recommendations provided in this report are to be used exclusively within the context of this document. They are based upon generally accepted environmental and hydrogeologic practices and are the result of analysis by Robinson, Noble & Saltbush, Inc. staff. This report, and any attachments to it, is for the exclusive use of the Puyallup Tribe of Indians and Mr. Eugene Mudarri. Unless specifically stated in the document, no warranty, expressed or implied, is made.

APPENDIX A

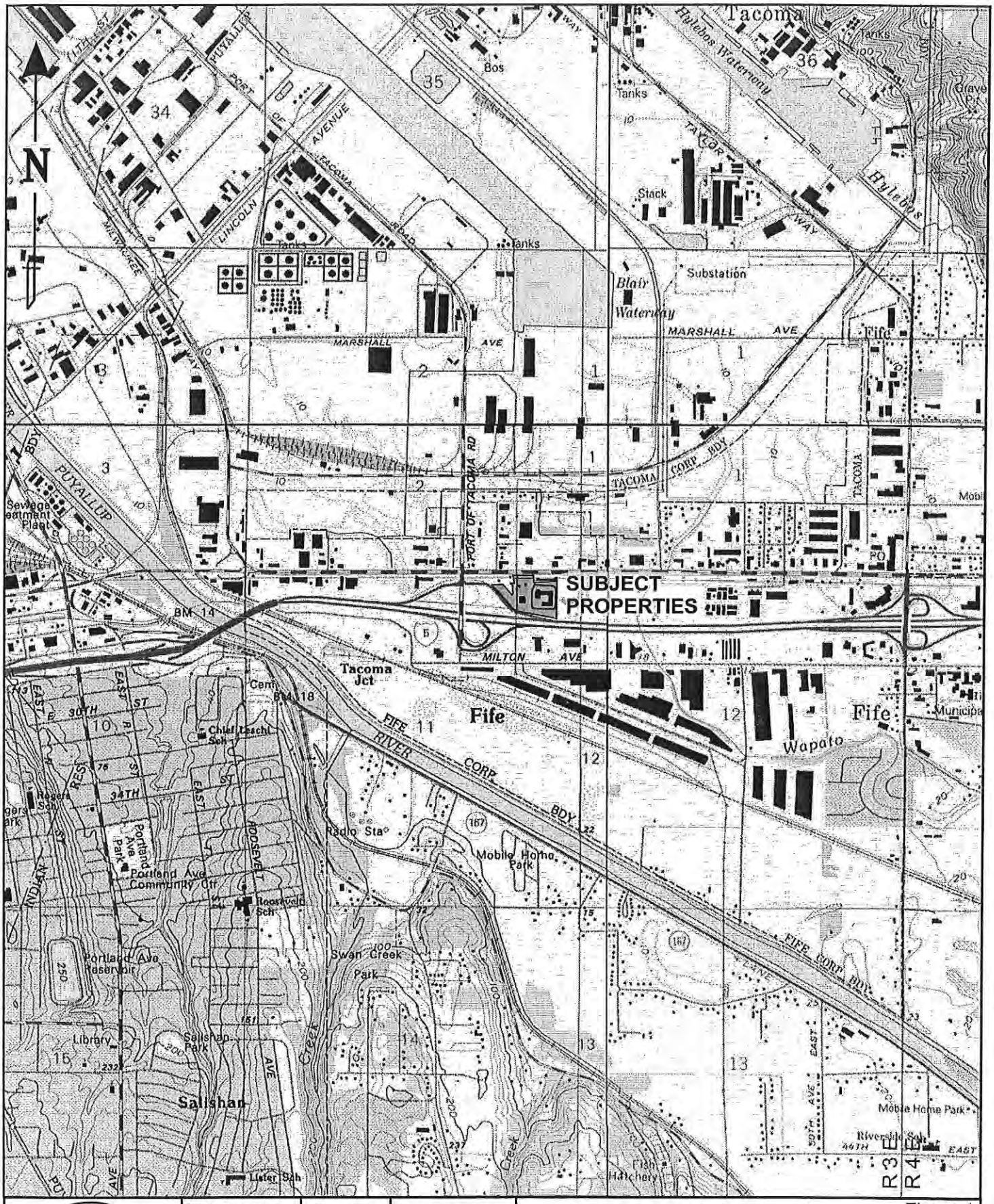

ROBINSON & NOBLE, INC.	Note: Basemap taken from USGS Puyallup Quadrangle	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Scale 1" = 2000'	Figure 1 Vicinity Map Puyallup Tribe of Indians:Fife Parcels Phase 1 ESA

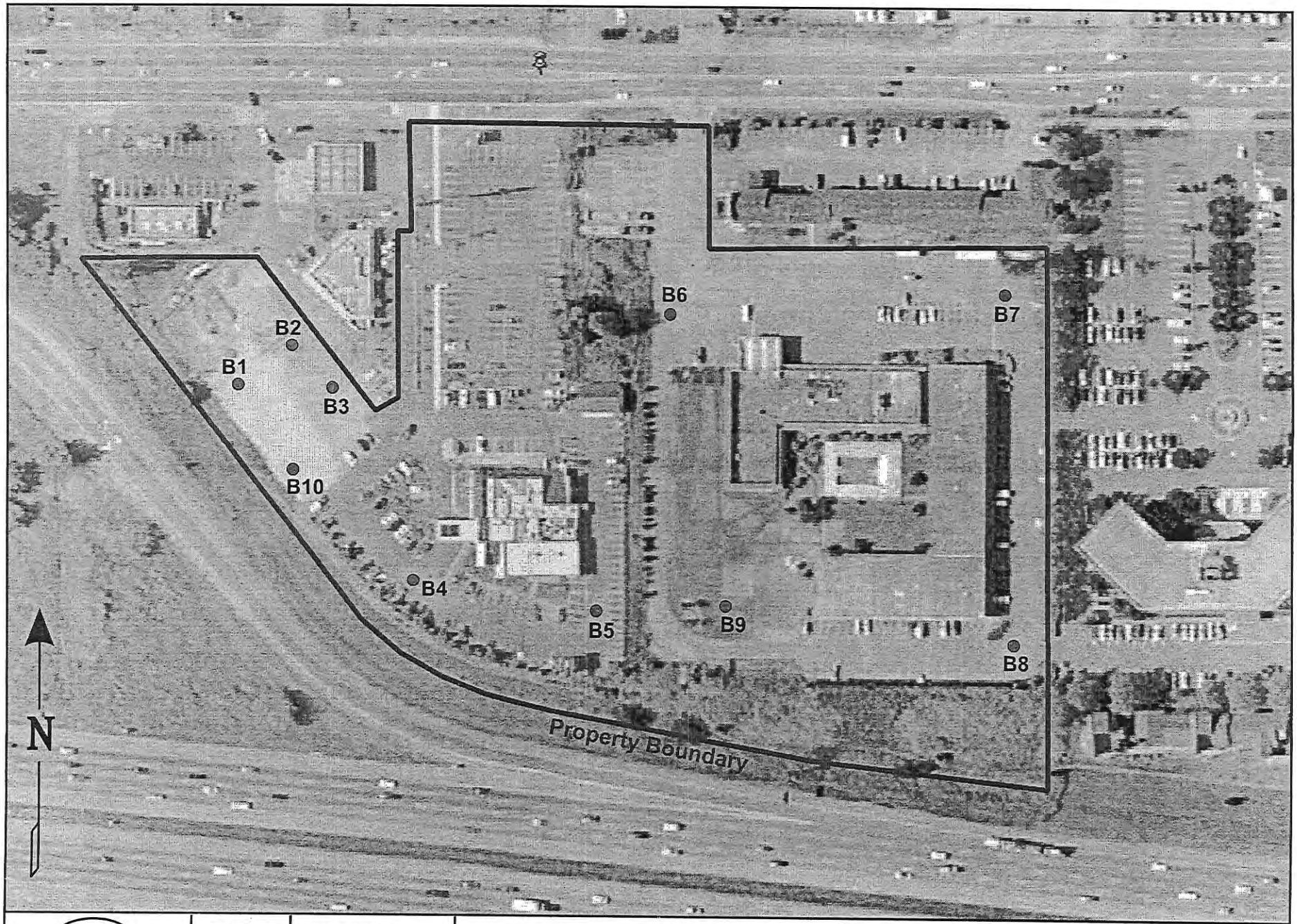

ROBINSON & NOBLE, INC.	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Drawing Not to Scale	Figure 2 Boring Location Map Puyallup Tribe of Indians:Fife Parcels Phase 1 ESA

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

November 4, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Subsurface Investigation
3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit this *Subsurface Investigation* on the referenced property. The site work was performed in the Parking Areas and adjacent vegetation strips on the property. And, this work was performed in conjunction with the *Subsurface Investigation* we performed on the referenced property in June 2004.

1.0 Purpose

The purpose of our services was to evaluate shallow soils in the vadose zone or soils above groundwater (GW) and offer recommendations for further investigation, if warranted. Based upon June 2004 report data which indicated the heavy metal arsenic was present in shallow GW, EHC was to advance borings and perform sampling to determine if heavy metals were present in soil layers above GW. The sampling was intended to assess potential contamination across the property by advancing boring and sampling soils near the 5 previous boring locations and 1 additional boring location.

The following is an outline of the critical elements of the sampling:

- Review previously published reports on subject;
- Outline the work with the Client;
- Updated the previously published *Sampling Plan* from June 2004 in accordance with standard protocols and previous report data;
- Advance borings down to GW and collect soil samples from various soil strata;
- Document conditions found;
- Submit samples to an approved laboratory for analysis;
- Review laboratory analysis upon receipt;
- Provide a written report of findings with recommendations.

2.0 Services

The following services were provided by EHC:

- Discussed site conditions with Client and Client's realtor over the telephone;
- Re-documented the visible location of pipe penetrations in catch basins prior to borings;
- Developed a new *Sampling Plan* to advance borings near previous boring locations;
- Utilized the *Health and Safety Plan (HASP)* written for June 2004 work;
- Reviewed *Sampling Plan* and *HASP* with driller from Environmental Services Network, Northwest (ESN);
- Starting the afternoon of October 21, 2004, a total of 6 borings were advanced in the Parking Areas and adjacent vegetation strips on the property. The work involved advancing borings near the 4 corners of the property with additional borings near the center of the North and South Parking Areas;
- All borings were advanced with a truck-mounted direct push hydraulic auger (Strataprobe) to a depth of 4' below ground surface (bgs);
- Groundwater was encountered in all 5 borings (B1B through B6B) ranging between 1' and 4.0';
- Documented subsurface conditions on Boring Logs;
- Drew a total of 20 soil samples from borings B1B through B6B;
- All soil samples were contained within 4 ounce glass jars with Teflon line lids;
- All sample containers were labeled with the necessary information (sample #, date, time);
- Samples were stored in a cooler with ice/chiller packs (maintained at approximately 4 degrees centigrade) during field operations;
- A chain-of-custody was completed the afternoon of October 21, 2004. Based upon the *Sampling Plan* and the Client's requirements, all of the samples drawn were requested analyzed on a standard turn-around basis;
- The afternoon of October 21, 2004, the samples and chain-of-custody were turned over to an ESN representative and transferred to an ESN cooler with ice packs;
- The afternoon of October 21, 2004, the samples and chain-of-custody were transported to ESN's laboratory in Lacey, Washington;
- Requested analysis on all of the soil samples:
  1. USEPA Method 7000 (Heavy metals in soil...arsenic, chromium and lead).
- Contacted Client and discussed preliminary analytical results;
- Summarized the data in a written report with attachments.

3.0 Background

The subject property was a commercial zoned parcel of land occupied by the Hometel Inn Motel. The property was located in the 3500 block of Fife, Washington between Pacific Highway East and Interstate 5. The subject was utilized as farmland up to the early 1960s. The subject was developed as a motel in the early to mid-1960s and has been in operation as such to present day.

3.1 April 2004

A *Phase I and Limited Phase II Environmental Site Assessment* performed by Robinson & Noble, Inc. and Saltbush Environmental Services in April 2004 confirmed the presence of the heavy metals arsenic,

chromium and lead above the Model Toxics Control Act (MTCA), Method A Cleanup Levels for Groundwater on the subject. EHC was provided portion of the report data and has presented it along with the data generated on the property adjacent the west side of the subject (Freddie's Casino at 3402 Pacific Highway East, Fife, Washington). A summary of the analysis of soil and GW samples from the *Phase I and Limited Phase II Environmental Site Assessment* has been presented in Tables 3-1 and 4-1.

Table 3-1
Phase I and Limited Phase II Environmental Site Assessment
Summary of Analytical Results of Soil (April 2004)
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B6	?	?	?	NA	ND	ND	ND	Pb: 4.6	NA
B7	?	?	?	ND	ND	ND	ND	ND	NA
B8	?	?	?	NA	ND	ND	ND	Pb: 13 Cr: 5.5	NA
B9	?	?	?	ND	ND	ND	ND	Cr: 3	NA
MTCA A				30	2,000	2,000	4,000	2-2,000	0.03-9

Soil values reported in milligrams per kilogram (mg/kg).
ND = None detected.
NA = Not analyzed.
MTCA A = MTCA, Method A Cleanup Levels for Unrestricted Land Use
Metals = MTCA 5 metals analyzed but, EHC reported only those metals found above detection levels.

Table 4-1
Phase I and Limited Phase II Environmental Site Assessment
Summary of Analytical Results of Groundwater (April 2004)
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B6	?	?	?	NA	ND	ND	ND	ND	ND
B7	?	?	?	ND	ND	ND	ND	**As: 0.041** **Cr: 0.10** Pb: 0.009	ND
B8	?	?	?	NA	ND	ND	ND	**As: 0.015** **Cr: 0.40** Pb: 0.005	ND
B9	?	?	?	ND	ND	ND	ND	**As: 0.046** **Cr: 0.20** **Pb: 0.050**	ND
MTCA A Reported levels in April 2004 Report.				800	500	500	500	As: 0.005 Ca: 0.005 Cr: 0.05 Pb: 0.015 Hg: 0.002	5 – 1,000
MTCA A Metals analysis listed in ug/L.				800	500	500	500	As: 5 Ca: 5 Cr: 50 Pb: 15 Hg: 2	5 – 1,000

Groundwater values for petroleum hydrocarbons reported in milligrams per kilogram (mg/L).
*Groundwater values for heavy metals reported in micrograms per liter (ug/L)
ND = None detected.
NA = Not analyzed.
Metals: MTCA 5 metals analyzed but EHC reported only those metals found above detection levels.
MTCA, Method A Cleanup Levels for Unrestricted Land Use
*Note: The GW analysis for heavy metals reported in the April 2004 Report appears to have been mislabeled and was reported in milligrams per liter (mg/L) as opposed to the stated micrograms per liter (ug/L). Typically, GW analysis reported by a laboratory in mg/L is converted to ug/L by the consultant for comparison with MTCA, Method A Cleanup Levels for Groundwater.
*Note: The MTCA, Method A Cleanup Level for Mercury (Hg) in Groundwater was reported incorrectly in the April 2004 Report at 0.015 mg/L versus the actual Cleanup Level of 0.002 mg/L or 2 ug/L.

3.2 June 2004

In June 2004, EHC performed a *Subsurface Investigation* of soil and GW. The soil and GW sampling was designed to coincide and confirm data generated in April 2004. The soil sampling and associated analysis confirmed petroleum hydrocarbons in the gasoline, diesel and heavy oil ranges were not present in site soils. Analysis for heavy metals in soil was not performed as part of the June 2004 work.

The June 2004 GW analysis confirmed the heavy metal arsenic was present above the Model Toxics Control Act (MTCA), Method A Cleanup Levels for Groundwater of 5 micrograms per liter (ug/l). A summary of the analytical results of soil and GW samples from the June 2004 *Subsurface Investigation* has been presented in Tables 5-1 and 6-1.

Table 5-1
Subsurface Investigation
Summary of Analytical Results of Soil (June 2004)
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B1A-1	0 – 0.5'	06-17-04	06-18-04	NA	ND	ND	ND	NA	NA
B1A-2	2' – 2.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B1A-3	4' – 4.5'	06-17-04	06-18-04	NA	ND	ND	ND	NA	NA
B1A-4	6' – 6.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B2A-1	2' – 2.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B2A-2	4' – 4.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B3A-1	4' – 4.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B3A-2	6' – 6.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B4A-1	3.5' – 4'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B4A-2	6' – 6.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B5A-1	0.5' – 1'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B5A-2	2' –2.5'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
B5A-2 Duplicate	2' – 2.5'	06-17-04	05-22-04	ND	ND	ND	ND	NA	NA
B5A-3	5.5' – 6'	06-17-04	06-22-04	ND	ND	ND	ND	NA	NA
Method Blank	NA	NA	06-18-04	NA	ND	ND	ND	NA	NA
Lab Detection Limit (NWTHP-HCID/D-Ext.)				20	50/20	100/40	100/40	Many	NA
MTCA, Method A Soil Cleanup Levels for Unrestricted Land Use				30	2,000	2,000	4,000	2 – 2,000	0.03 – 9

Soil values reported in milligrams per kilogram (mg/kg).
ND = None detected.
NA = Not analyzed.
Dup. = Duplicate sample analyzed by laboratory for quality assurance.
Bold values indicate concentration exceed MTCA, Method A Cleanup Levels for Unrestricted Land Use.

Table 6-1
Subsurface Investigation
Summary of Analytical Results of Groundwater (June 2004)
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Sample Date	Analysis Date	Gas	Diesel	Heavy Oil	Mineral Oil	Metals	Gas BTEX
B1A-W	2.5'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 10.9** Cd: ND Cr: 2.59 Hg: ND Pb: ND	ND
B2A-W	3'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 6.91** Cd: NA Cr: 4.17 Hg: ND Pb: ND	ND
B2A-W Duplicate	3'	06-17-04	06-22-04	NA	ND	ND	ND	NA	ND
B3A-W	4'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 16.7** Cd: ND Cr: 14.3 Hg: ND Pb: ND	ND
B4A-W	3.5'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 34.3** Cd: ND Cr: 3.85 Hg: ND Pb: ND	ND
B5A-W	4'	06-17-04	06-22-04	NA	ND	ND	ND	**As: 26.9** Cd: ND Cr: ND Hg: ND Pb: ND	ND
Lab Detection Limit (NWTPH-D ext, Method 7470, 6020 and 8021B)				-	200	400	400	0.2 –2.5	1
MTCA, Method A Soil Cleanup Levels for Groundwater				800	500	500	500	As: 5 Cd: 5 Cr: 50 Hg: 2 Pb: 15	B: 5 EB: 700 Tol: 1,000 Xyl: 1,000

Groundwater values in table reported in micrograms per liter (ug/l).
Laboratory analysis for petroleum hydrocarbons in water reported in ug/L.
Laboratory analysis for metals in water reported in milligrams per liter (mg/L).
ND = None detected.
NA = Not analyzed.
Dup. = Duplicate sample analyzed by laboratory for quality assurance.
Bold values indicate concentration exceed MTCA, Method A Cleanup Levels for Groundwater.

4.0 Field Work

4.1 Utilities Locate

Based upon the previous site work performed by another consulting firm, and given EHC's *Sampling Plan* dictated sampling adjacent previous borings advanced around the subject, EHC did not contact the Utilities Underground Location Center (UULC) prior to commencing the subsurface work at the referenced property. Although, all visible utilities, stormwater piping and asphalt patches relating to subsurface systems (electrical and plumbing) were re-noted by EHC prior to commencing the work. A minimum distance of 5' was maintained from all apparent subsurface systems throughout the work. Additionally, a minimum distance of 10' was maintained from all overhead systems throughout the work.

4.2 Sampling Plan

The June 2004 *Sampling Plan* was updated based upon the previously published reports on the site and site reconnaissance by EHC. The focus of the *Sampling Plan* was to confirm whether vadose zone soils contained heavy metals that may be stripping off in to shallow GW. See: SAMPLING PLAN.

4.3 Subsurface Investigation – October 2004

In October 2004, EHC performed testing for specific heavy metals (arsenic, chromium and lead) identified as being a concern in the April and June 2004 reports. Based upon an August 2004 letter from Chuck Cline, Toxics Cleanup Program, Washington State, Department of Ecology, the soils tested were in the "vadose zone" or above GW. The sampling included soils from the various strata encountered including top soil or humus (when present), coarse sands and gravel under asphalt, various sands and the gravel fill identified in the April and June 2004 reports.

The boring locations were chosen based upon prior boring locations and the need for additional data in the South Parking Area. A description of each boring location and associated activity has been described in the subsequent paragraphs. See: BORING LOGS.

Boring B1B was advanced to a depth of 4' bgs in the northwest corner of the property approximately 10' north of B1A due to standing water in the general area. The boring was advanced near the edge of the asphalt parking lot and just north of the catch basin set along the west edge of the parking lot. The boring location was chosen because it was near previously advanced borings identified in April and June 2004 reports. GW was encountered at 1' bgs. A complete listing of the samples drawn from B1B were outlined in Table 9-1. See: MAPS AND DRAWINGS.

Boring B2B was advanced to a depth of 4' bgs near the center of the North Parking Area about 95' east and 38' north of the northwest corner of the site building (adjacent B2A). The boring location was chosen because it was adjacent a previously advance boring identified in our June 2004 report. GW was encountered at 3.25'. A complete listing of the samples drawn from B2B were outlined in Table 9-1. See: MAPS AND DRAWINGS.

Boring B3B was advanced to a depth of 4' bgs in the northeast corner of the North Parking Area about 3' west and 65' north of the northeast corner of the site building (adjacent B3A). The boring location was chosen because it was adjacent borings advanced in previously referenced reports. GW was encountered at 3' bgs. A complete listing of the samples drawn from B3B were outlined in Table 9-1. See: MAPS AND DRAWINGS.

Boring B4A was advanced to a depth of 4' bgs near the southeast corner of the site approximately 43' east and 46' south of the southeast corner of the site building (Adjacent B4A). The boring location was chosen because it was adjacent borings advanced in previously referenced reports. GW was encountered at 3' bgs. A complete listing of the samples drawn from B4B were outlined in Table 9-1. See: MAPS AND DRAWINGS.

Boring B5B was advanced to a depth of 4' bgs near the center of the South Parking Area about 49' east and 41.5' south of the southwest corner of the site building. The boring location was chosen because no previous data had been collected from the general area in the previously referenced reports. GW was encountered at 3.5' bgs. A complete listing of the samples drawn from B5B were outlined in Table 9-1. See: MAPS AND DRAWINGS.

Boring B6B was advanced near the northwest corner of the site approximately 104' west and 13' south of the southwest corner of the site building (adjacent B5A). The boring location was chosen because it was adjacent or near borings advanced in previously referenced reports. GW was encountered at 4' bgs. A complete listing of the samples drawn from B6B were outlined in Table 9-1. See: MAPS AND DRAWINGS.

4.3.1 Work Procedures

Steven Salter of EHC donned protective non-latex gloves during the work and distilled water rinses were performed on all equipment prior to their use. Hearing and eye protection were worn by EHC throughout all drilling operations. And, EHC instructed the Driller to don hearing and eye protection throughout the work.

All borings were advanced with a truck-mounted 2" hydraulic auger owned and operated by ESN. The Strataprobe sampling system consisted of direct-push hydraulic unit. The rear-mounted, duel ram configuration, in conjunction with a hydraulic hammer, is capable of producing high-frequency impact energy that is suitable for shallow to moderate depth environmental sampling.

The Driller advanced each boring using a retractable piston sampler. All borings were advanced using a standard 4' x 2" steel sleeve and acrylic inserts. Upon reaching the desired depth, the piston was unlocked and the sampler advanced 1" into the soil as the piston retracted. See: BORING LOGS.

Samples were collected by EHC throughout the afternoon of October 21, 2004. Samples were inventoried and then transferred to the driller for ESN on the afternoon of October 21, 2004. See: LABORATORY ANALYSIS and EQUIPMENT LIST.

4.3.2 Laboratory Analysis

Soil samples B1B-1 and B3B-3 were found to contain lead well below the Model Toxics Control Act (MTCA), Method A Cleanup Level for Unrestricted Land Use of 250 milligram per kilogram (mg/kg) at 60 and 36 mg/kg; respectively. None of the other samples were found to contain detectable concentrations of arsenic, chromium or lead. See: LABORATORY ANALYSIS.

A summary of the analytical results of soil samples has been presented in Table 9-1.

Table 9-1
Summary of Analytical Results of Soil
3520 Pacific Highway East, Fife, Washington

Sample Number	Sample Depth	Soil Type	Sample Date	Analysis Date	Arsenic	Chromium	Lead
B1B-1	0-.5'	Humus –Dark sands	10-21-04	10-22-04	ND	ND	60
B1B-1 Duplicate	-	-	-	10-22-04	ND	ND	56
B1B-2	1' - 1.5'	Brown sand	10-21-04	10-22-04	ND	ND	ND
B1B-3	2' - 2.5'	Grey sand	10-21-04	10-22-04	ND	ND	ND
B2B-1	.5' - 1'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B2B-2	1' - 1.5'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B2B-3	2' - 2.5'	Grey sands	10-21-04	10-22-04	ND	ND	ND
B2B-4	2.5' - 3'	Grey sands	10-21-04	10-22-04	ND	ND	ND
B3B-1	.5' - 1'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B3B-2	1' - 1.5'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B3B-3	2' - 2.5'	Grey sand	10-21-04	10-22-04	ND	ND	36
B3B-4	2.5' - 3'	Grey sand	10-21-04	10-22-04	ND	ND	ND
B4B-1	.5' - 1'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B4B-2	1' - 1.5'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B4B-3	2.5' - 3'	Grey sand	10-21-04	10-22-04	ND	ND	ND
B5B-1	.5' - 1'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B5B-2	1.5' - 2'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B5B-3	3' - 3.5'	Grey sand	10-21-04	10-22-04	ND	ND	ND
B6B-1	0 - .5'	Humus – Dark sands	10-21-04	10-22-04	ND	ND	ND
B6B-2	2' - 2.5'	Coarse sand & gravel	10-21-04	10-22-04	ND	ND	ND
B6B-3	3' - 3.5'	Grey sands	10-21-04	10-22-04	ND	ND	ND
B6B-3 Duplicate	-	-	-	10-22-04	ND	ND	ND
Method Blank	-	-	-	10-22-04	ND	ND	ND
Lab Detection Limit (USEPA Method 7000)					5	5	5
MTCA, Method A Soil Cleanup Levels for Soil					20	100	250

Soil values reported in milligrams per kilogram (mg/kg).
ND = None detected.
NA = Not analyzed.
Dup. = Duplicate sample analyzed by laboratory for quality assurance.
Bold values indicate concentrations exceed MTCA, Method A Cleanup Levels for Unrestricted Land Use.

5.0 Summary of Conditions

- A total of 6 borings were advanced across the site to average depth of 4' bgs.
- Generally, site soils consisted of fine to medium sands over-layed in areas with 1' to 2' of fill consisting of coarse sands and crushed rock.
- Groundwater was encountered at 1' to 4' bgs.
- All borings were sealed with bentonite and asphalt surfaces patched with cold-process asphalt patch.

6.0 Conclusions

- The various strata of vadose zone soils were sampled and analyzed for the presence of the heavy metals arsenic, chromium and lead.
- Based upon laboratory analysis of vadose zone soils tested, neither arsenic, chromium or lead were found above the MTCA, Method A Cleanup Level for Unrestricted Land-Use.
- Arsenic and chromium were not detected in any of the soil samples submitted.
- Low levels of lead were detected in sample B1B-1 and B3B-3 at 60 and 36 mg/kg; respectively.
- The April 2004, published by another consulting firm, identified low concentrations of chromium (3 and 5.5 mg/kg) and lead (4.6 and 13 mg/k) in soil from borings B6, B7, B8 and B9.
- EHC sampled soils adjacent to the borings performed in April 2004 and laboratory analysis did not confirm the presence of chromium in soil. See: MAPS AND DRAWINGS.
- Based upon laboratory analysis, it does not appear site soils in the vadose zone are contributing to or stripping off arsenic in to GW.
- The *Area Wide Soil Contamination Task Force Report* published in June 2003 indicated a high likelihood of arsenic contamination of shallow soils in the Tacoma and Fife, Washington areas.
- The arsenic in GW may be area wide and the result of historical farming activities, historical airborne contamination from the closed Asarco Smelter in Ruston, Washington or an unidentified off-site or on-site source.
- Generally, GW in the area migrates to the north/northwest.
- A site-specific cleanup of GW may not be possible if arsenic contaminated GW is migrating on to the subject.

7.0 Recommendations

- As required by the MTCA, the property owner must submit this report to the Washington State, Department of Ecology, Southwest Regional Office within 90 days of publication.
- Submit this report, and reference all previously submitted data or reports, to the Washington State, Department of Ecology, Voluntary Cleanup Program for review and possible issuance of "No Further Action Letter" or a "Non-Restrictive NFA". A copy of the report should be forwarded to Chuck Cline at WDOE at 47775, Olympia, Washington 98504-7775 and a $500 deposit check must be enclosed with the request.

8.0 Limitations and Exceptions

EHC is providing data, information and recommendations for the express purpose of the Client. The information is offered for management decisions, considerations for further investigation and future removal, encapsulation, management or disposal of suspect hazardous materials or toxic substances.

The professional services provided by EHC and its personnel are for the benefit of and are limited to the Client only and to the fee actually received by EHC. Further, there is no accountability, obligation or liability to any third party. If an EHC report is placed in the hands of anyone other than the Client, the Client shall make such party aware of related discussions. EHC and its personnel are in no way to be responsible for any costs incurred to discover or correct physically, financially and/or legally environmental or health and safety conditions on a property. In the case of limited partnerships, syndication offering or stock offerings in real estate, the Client agrees that in case of a lawsuit brought by lender, partner or part Client in any form of Client and officers (ownership, tenant, or any other party), any and all awards, settlements of any type in such suits, regardless of the outcome), the Client will hold EHC and it's personnel completely harmless in any such action.

Possession of an EHC report or any copy thereof does not carry with it the right of publication, nor may it be used for other than its intended use; the physical report(s) remain the property of EHC for the use of the Client, the fee being for the analytical services only.

An EHC report is to be used only in its entirety, and no part is to be used without the whole report. All conclusions and opinions concerning the analysis as set forth in the report were prepared by EHC personnel whose signature(s) appear on the report unless otherwise indicated. No change of any item in the report shall be made by anyone other than EHC personnel. EHC and EHC personnel shall have no responsibility if any such unauthorized change is made.

EHC personnel may not divulge the material (evaluation) contents of the report, analytical findings or conclusions, or give a copy of the report to anyone other than the Client or his designee as specified in writing except as may be required by a court of law or body with the power of a subpoena.

An EHC report was obtained from EHC and consists of "trade secrets and environmental, commercial or financial information" which is privileged and confidential and exempted from disclosure. Notify EHC of any request(s) to reproduce this report in whole or in part.

No responsibility is assumed for accuracy of information furnished by work of others, the Client, his designee or public records. The comparable data relied upon in this report has been confirmed with one or more party familiar with the transaction or from affidavit or other sources thought reasonable; all are considered appropriate for inclusion to the best of our factual judgment and knowledge. An impractical and uneconomic expenditure of time would be required in attempting to furnish unimpeachable verification in all instances, particularly as to environmental condition, engineering and related information..
Any sketches and maps in an EHC report are included to assist the reader in visualizing the property and are not necessarily to scale. Photographs are included for the same purpose and represent conditions at the time of the inspection(s). Site plans are not always surveys unless shown from a separate surveyor.

No responsibility is assumed by EHC for matter(s) legal in character or nature, no matter of survey, nor any architectural, structural, mechanical, or engineering nature pertaining to the subject property.

Typically, a legal description is assumed to be correct as used an EHC report as furnished by the Client, his designee, or as derived by EHC.

EHC personnel have inspected as far as possible, by observation, the land and improvement(s); however, it was not possible to personally observe conditions beneath the soil or hidden structural components, or other components.

It is always possible that areas with undetected contamination may exist in portions of the site where no subsurface exploration was performed. Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in this area at the time this report was prepared.

9.0 Special Terms and Conditions

We make no warranties, express or implied, including without limitation, warranties as to merchantability or fitness of a property for a particular purpose. In addition, the information provided to you in an EHC report is not to be construed as legal advice. All rights, warranties and information in the Professional Services Agreement, signed by the Client and EHC, are included.

10.0 Reliance

The Client only may rely on the report information unless written authorization is provided by EHC. EHC does not warranty and there is no accountability, obligation or liability to any third party.

11.0 References

- Area-Wide Soil Contamination Task Force Report, Submitted to Washington State, Dept. of Agriculture, Dept. of Ecology, Dept. of Health and Dept. of Community, Trade and Economic Development, June 30, 2003.
- USEPA, Permit Applicants Guidance manual for Hazardous Waste Land Treatment, Storage and Disposal Facilities (Final Draft), 530-SW-84-004.
- Toxic Substance Control Act (TOSCA), Public Law 94-469, October 1976 administered by the USEPA. Also, the subsequent revisions in the Federal Register.
- Hazardous Waste Compliance Checklist, Hazardous Waste Bulletin, Bureau of Law and Business, Inc., Madison, CT.
- Chapter 173-303 WAC, Dangerous Waste Regulations, Washington State, Department of Ecology, January 1994.
- Chapter 173-340 WAC, Model Toxics Control Act, Washington State, Department of Ecology.

12.0 Signature Of Environmental Professional

The following personnel or principals were involved in preparing this report and should be contacted with questions regarding its contents or opinions at (253) 925-1060 in Tacoma and (253) 874-6556 in Seattle, Washington:

Steven J. Salter
Environmental Consultant
Environmental Hazards Control
ssalter@envirohazardscontrol.com

November 4, 2004
Date

EHC04061A
Project #

13.0 Qualifications of Environmental Professional

Mr. Salter is the owner, founder and lead environmental consultant for Environmental Hazards Control (EHC). His experience includes over 18 years of consulting, planning and remediation in the environmental industry. He has an educational background in architecture, engineering and business. And, he has extensive experience in the investigation, testing, planning, permitting and remediation of hazardous materials.

Mr. Salter has been teaching about hazardous materials to Appraisal, Banking, Insurance, Real Estate and Development Professionals since the early 1990's. He wrote a manual on and started teaching about Environmental Assessment and Audits in 1991. And, he was the Environmental Expert for the Planning Commission of Tacoma, Washington from July 1993 to June 1995.

Mr. Salter maintains numerous certifications in the Environmental Industry including the identification and management of projects involved with Asbestos-Containing Materials, Lead-Based Paints and Hazardous Materials. He has successfully completed numerous courses on Construction Safety Management, Environmental Assessing and Auditing and the Identification of Occupational Hazards. And, he is a Certified Appraisal, Escrow and Real Estate Instructor.

Registrations and Certificates

➢ OSHA Construction Safety Manager	Certified 2000
➢ Environmental Expert, Planning Commission, Tacoma, WA	July 1993 – June 1995
➢ Certified Instructor, Washington Department of Licensing Real Estate, Escrow and Assessor	Instructor #I0468 1991
➢ Environmental Auditor and Assessor Property Assessments and Audits	Certificate #1070 1991
➢ AHERA Certified Asbestos Inspector USEPA Asbestos Program	1988 – Present
➢ AHERA Project Designer USEPA Asbestos Program	1994 – 2001
➢ AHERA Management Planner USEPA Asbestos Program	1988 – 1996
➢ Hazardous Waste Site Supervisor	1991 – Present
➢ Lead Inspector Training Health and safety training for the inspection and removal of lead	Certified 1995
➢ Sampling and Evaluating Airborne Asbestos Dust NIOSH 582 Certified	Certificate 1053 1989

14.0 Attachments

1. Maps and Drawings
2. Sampling Plan
3. Laboratory Analysis
4. Washington State, Department of Ecology Letter and
   Washington Administrative Code 173-340-900, MTCA, Method A Cleanup Levels
5. Boring Logs
6. Equipment List

Hometel Inn Motel, Fife, Washington
Project: EHC04061A

MAPS AND DRAWINGS

Attachment 1

LEGEND

- Population Center
- Major City
- State Capitol
- Town, Small City
- Large City
- Interstate, Turnpike
- US Highway
- State/Prov Boundary
- National Boundary
- Interstate Highway
- US Highway
- Land Mass
- Open Water

Scale 1:3,200,000 (at center)

50 Miles

100 KM

3520 Pacific Hyw E, Fife, WA
Mag 7.00
Thu Jun 24 15:56:45 2004

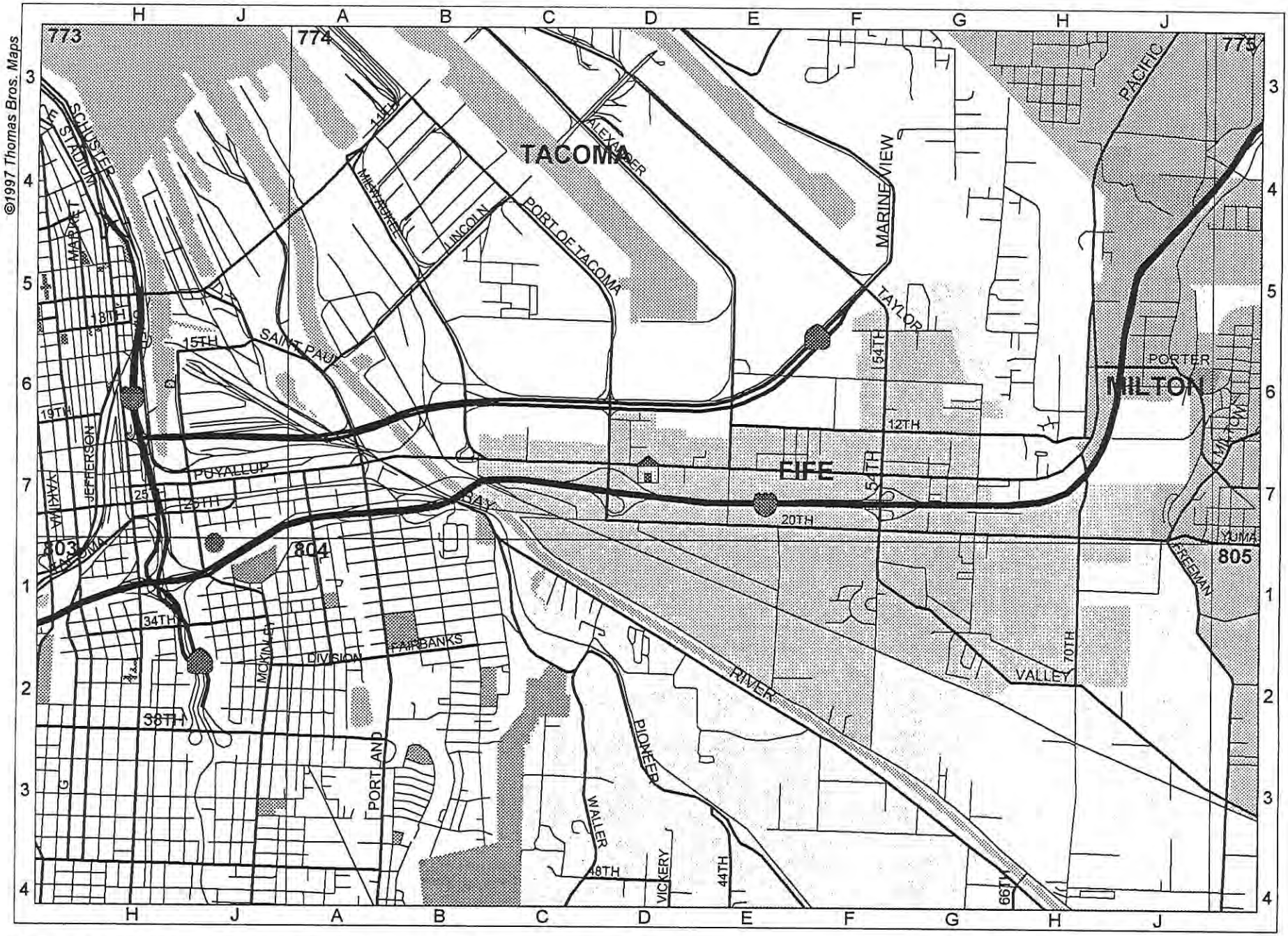

3520 E Pacific Hwy, Fife, 98424, Page & Grid 774 D7

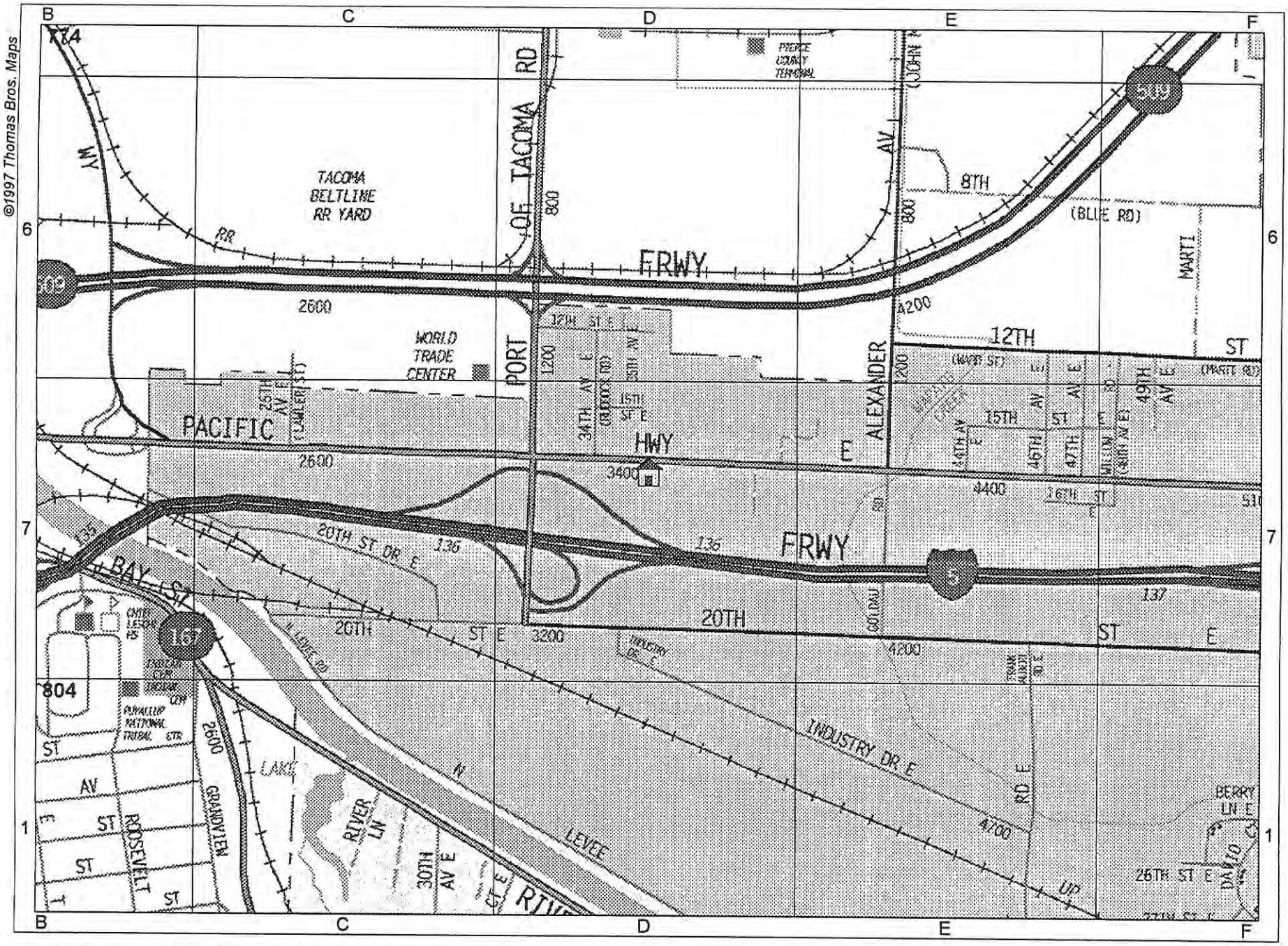

3520 E Pacific Hwy, Fife, 98424, Page & Grid 774 D7

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USGS **Fife, Washington, United States** 13 Jun 2002

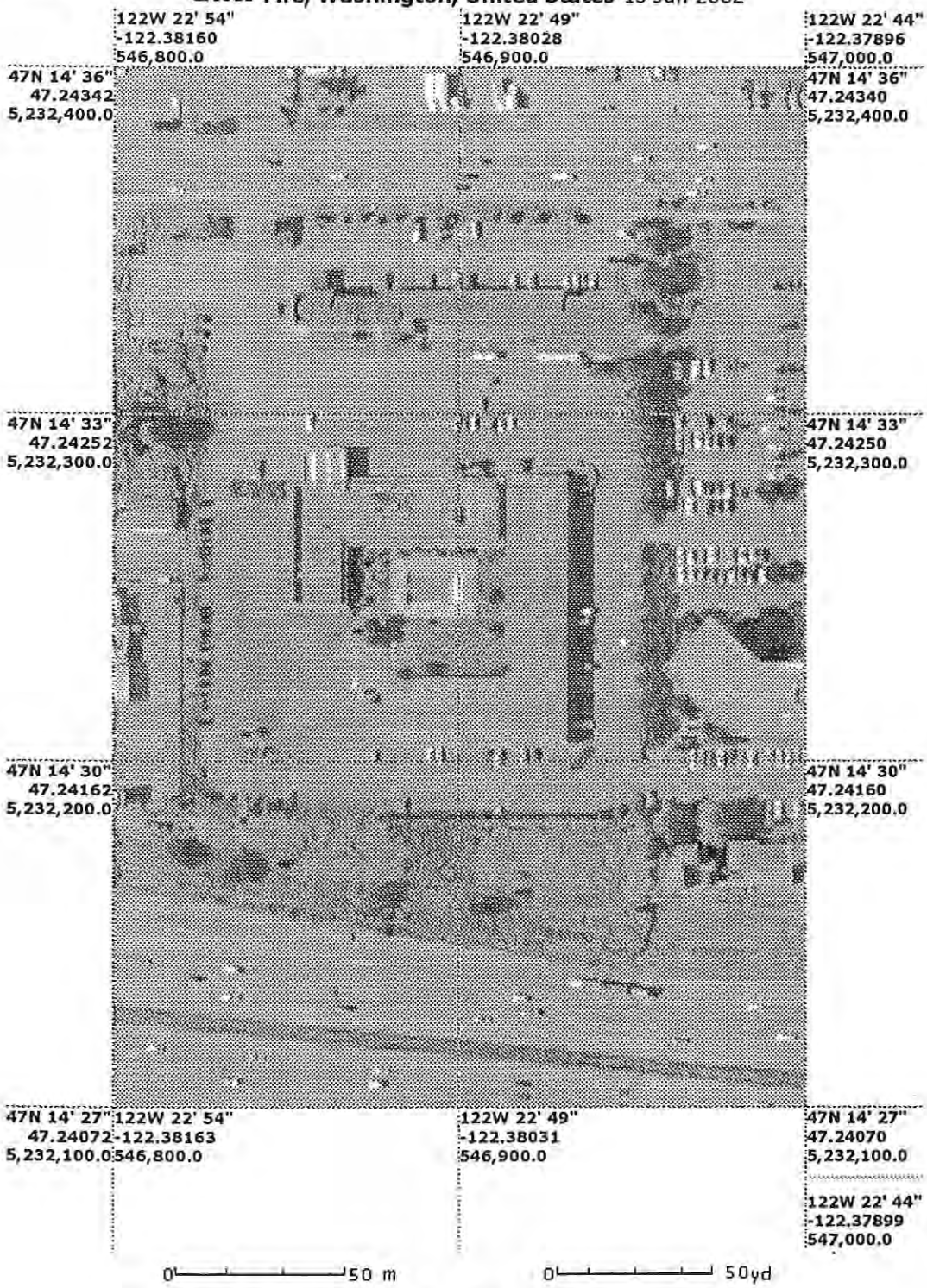

Image courtesy of the U.S. Geological Survey

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USGS **Fife, Washington, United States** 13 Jun 2002

0 25 m 0 25 yd

Image courtesy of the U.S. Geological Survey

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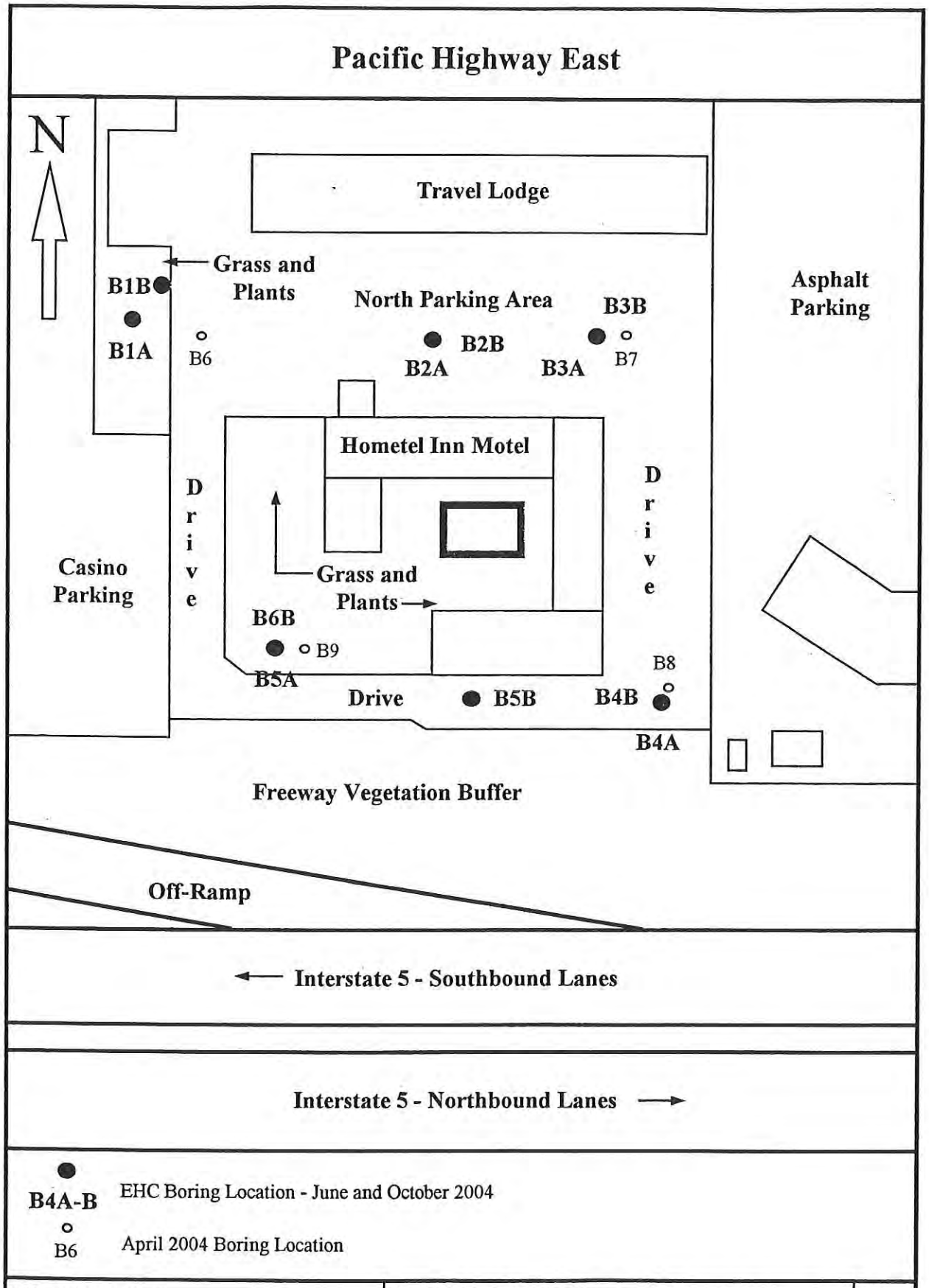

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 10/25/2004	**Scale:** No Scale

Hometel Inn Motel, Fife, Washington
Project: EHC04061A

SAMPLING PLAN

Attachment 2

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

October 19, 2004

Project: **Hometel Inn Motel**
3520 Pacific Highway East, Fife, Washington
Project #: EHC04061A
Title: Subsurface Investigation - Sampling Plan

Environmental Hazards Control (EHC) will perform a *Subsurface Investigation* on the referenced property to evaluate site soils and to offer recommendations for further investigation, if warranted. Based upon the history of the site (agriculture prior to 1960s and motel from 1960s to present and previous report data related to heavy metals in shallow GW), existing site conditions (site building surrounded by asphalt parking and drives and minor vegetation), EHC will advance a series of 6 borings to depths of about 4' below ground surface (bgs). The subsurface work will assist in determining if heavy metals in vadose zone soils (above GW) may be contaminating GW.

Standard sampling protocols will be adhered to throughout the work. All work and conditions will be documented on Well Logs. Disposable gloves will be donned during the work and distilled water rinses will be performed on all equipment prior to and between uses.

A total of 5 borings will be located in and around the perimeter of the subject property adjacent or near the location of borings reported in the following:

- Subsurface Investigation, Environmental Hazards Control, June 2004
- *Phase I and Limited Phase II Environmental Site Assessment* by Robinson & Noble, Inc. and Saltbush Environmental Services, April 2004.

Additionally, a single sample will be drawn near the center of the South Parking Area to better profile existing soils.

Soil samples will be stored in chilled coolers during all fieldwork. A laboratory chain-of-custody form will be completed and the samples will be submitted to a qualified laboratory for analysis on a "standard" turn-around basis.

Soil samples will be analyzed by the following method:

- USEPA Method 7000 (Heavy metals in soil...arsenic, chromium and lead).

Our proposed sampling locations have been plotted on the attached map. Final or actual sample locations will be determined by subsurface conditions, i.e. utilities, buries objects, etc.

EHC Representative

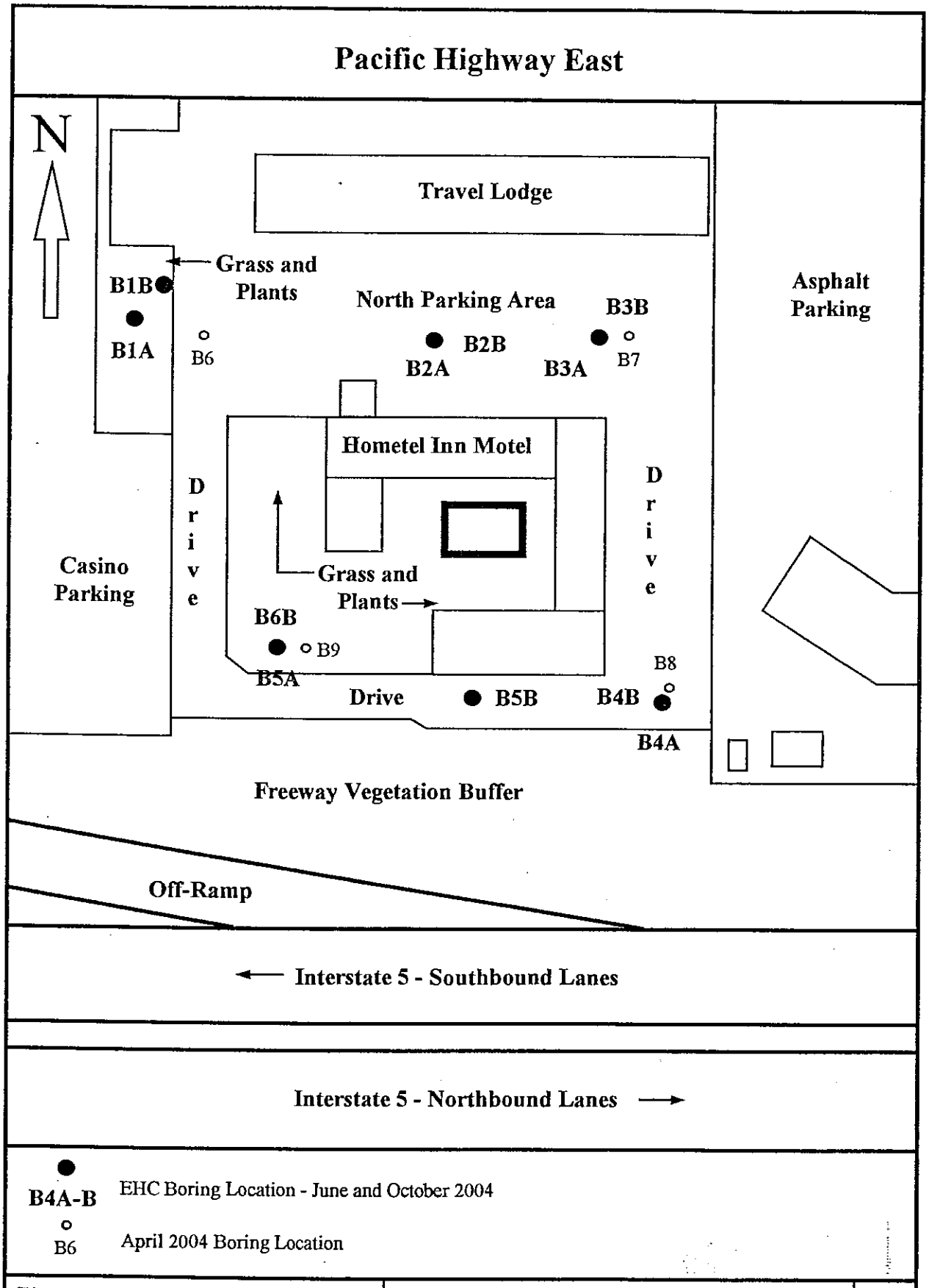

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 10/25/2004	**Scale:** No Scale

Hometel Inn Motel, Fife, Washington
Project: EHC04061A

LABORATORY ANALYSIS

Attachment 3

ESN NORTHWEST
Environmental Services Network

RECEIVED 11-1-04 SJC EHC

October 26, 2004

Steven Salter
Environmental Hazards Control
36526 3rd Avenue SW, Suite 101
Federal Way, WA 98023-7330

Dear Mr. Salter:

Please find enclosed the analytical data report for the Hometel Inn Motel Project located in Fife, Washington. Direct Push services were conducted on October 21, 2004. Soil samples were analyzed for Pb, Cr, and As by Method 7000 series on October 22, 2004.

The results of these analyses are summarized in the attached table. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this analytical work is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to Environmental Hazards Control for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael A Korosec

Michael A. Korosec
President

677 Woodland Square Lp. SE, Suite D ■ Lacey, Washington 98503 ■ 360.459.4670 ■ FAX 360.459.3432
Web Site: *www.esnnw.com* E-Mail: *info@esnnw.com*

ENVIRONMENTAL SERVICES NETWORK NORTHWEST, INC.

HOMETEL INN PROJECT
Fife, Washington
Environmenal Hazard Control
Client Project #EHC 04061A

Heavy Metals in Soil by EPA-7000 Series

Sample Number	Date Analyzed	Lead (Pb) EPA 7420 (mg/kg)	Chromium (Cr) EPA 7190 (mg/kg)	Arsenic (As) EPA 7061 (mg/kg)
Method Blank	10/22/04	nd	nd	nd
B1B-1	10/22/04	60	nd	nd
B1B-1 Dup.	10/22/04	56	nd	nd
B1B-2	10/22/04	nd	nd	nd
B1B-3	10/22/04	nd	nd	nd
B2B-1	10/22/04	nd	nd	nd
B2B-2	10/22/04	nd	nd	nd
B2B-3	10/22/04	nd	nd	nd
B2B-4	10/22/04	nd	nd	nd
B3B-1	10/22/04	nd	nd	nd
B3B-2	10/22/04	nd	nd	nd
B3B-3	10/22/04	36	nd	nd
B3B-4	10/22/04	nd	nd	nd
B4B-1	10/22/04	nd	nd	nd
B4B-2	10/22/04	nd	nd	nd
B4B-3	10/22/04	nd	nd	nd
B5B-1	10/22/04	nd	nd	nd
B5B-2	10/22/04	nd	nd	nd
B5B-3	10/22/04	nd	nd	nd
B6B-1	10/22/04	nd	nd	nd
B6B-2	10/22/04	nd	nd	nd
B6B-3	10/22/04	nd	nd	nd
B6B-3 Dup.	10/22/04	nd	nd	nd
Method Detection Limits		5	5	5

"nd" Indicates not detected at listed detection limits.

ANALYSES PERFORMED BY: T. McCall

ENVIRONMENTAL SERVICES NETWORK NORTHWEST, INC.

HOMETEL INN PROJECT
Fife, Washington
Environmenal Hazard Control
Client Project #EHC 04061A

QA/QC Data - Total Metals EPA-7000 Series Analyses

Sample Number: B1B-1							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	(%)
Lead	250	259	104	250	259	104	0.00
Chromium	250	252	101	250	261	104	3.51
Arsenic	250	230	92	250	235	94	2.15

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Lead	250	251	100
Chromium	250	274	110
Arsenic	250	241	96

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: T. McCall

ESN NORTHWEST Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Environmental Hazards Control

ADDRESS: 36526-3rd Ave So Ste 101 Federal Way, WA 98023

PHONE: (253) 925-1060 FAX: (253) 874-6556

CLIENT PROJECT #: ENC040604 PROJECT MANAGER: SJS

DATE: 10-21-04 PAGE 1 OF 2

PROJECT NAME: Hometel Inn

LOCATION: 3320 Tacoma Blvd E, Fife WA

COLLECTOR: S J Saulsel DATE OF COLLECTION 10-21-04

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8270	PAH 8100	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb, As, Cr	Hex Chrome				NOTES	Total Number of Containers	Laboratory Note Number
1. B13-1	0-.5	1210	S	4 oz																						1	
2. B13-2	1-1.5																										
3. B13-3	2-2.5																										
4. B23-1	.5-1	1243																									
5. B23-2	1-1.5																										
6. B23-3	2-2.5																										
7. B23-4	2.5-3																										
8. B33-1	.5-1	1300																									
9. B33-2	1-1.5																										
10. B33-3	2-2.5																										
11. B33-4	2.5-3																										
12. B43-1	.5-1	1307																									
13. B43-2	1-1.5																										
14. B43-3	2.5-3																										
15. B53-1	.5-1	1324																									
16. B53-2	1.5-2																										
17. B53-3	3-3.5																										
18.																											

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[illegible]	10-21-04	[illegible]	10/21/04 1415
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:
Analysis:
As, Cr & Pb

Turn Around Time: 24 HR 48 HR 5 DAY

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Environmental Hazards Control

ADDRESS: 34524 - 3rd Av SW Ste 101 Federal Way, WA 98023

PHONE: (253) 925-1040 FAX: (253) 874-4554

CLIENT PROJECT #: EHC04001A PROJECT MANAGER: SJS

DATE: 10-21-04 PAGE 2 OF 2

PROJECT NAME: Hometel Inn

LOCATION: 3520 Pacific Hwy E, Fife, WA

COLLECTOR: Jon Salter DATE OF COLLECTION 10-21-04

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBS 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb As & Cr	Hex Chrome				NOTES	Total Number of Containers	Laboratory Note Number
1. BLB-1	0-.5	1340	S	4 oz															S							1	
2. BLB-2	2-2.5																									1	
3. BLB-3	3.5-4																									1	
4.																											
5.																											
6.																											
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14.																											
15.																											
16.																											
17.																											
18.																											

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-21-04	[signature]	10/21/04 1415
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

Analysis: As, Cr & Pb

Turn Around Time: 24 HR 48 HR (5 DAY)

Hometel Inn Motel, Fife, Washington
Project: EHC04061A

WASHINGTON STATE, DEPARTMENT OF ECOLOGY LETTER

AND

WASHINGTON ADMINISTRATIVE CODE 173-340-900
MTCA, METHOD A CLEANUP LEVELS

Attachment 4

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

CERTIFIED MAIL

August 13, 2004

Mr. Rod Giffels
GVA Kidder Mathews
1201 Pacific Avenue, #1400
Tacoma, WA 98402

Dear Mr. Giffels:

RE: The Hometel Motor Inn Site, located at 3520 Pacific Highway E., Fife, Washington

This letter is written in response to your request to provide a no-further-action (NFA) letter for the Hometel Motor Inn site, located at 3520 Pacific Hwy E., Fife, Washington. Besides a **Phase I Environmental Site Assessment** (NVL Laboratories, June 25, 2002), two studies have been conducted on this site; one by Robinson & Noble/Saltbush Environmental Services in April 2004 (**Fife, Washington Phase I and Limited Phase II Environmental Site Assessment**), and one by Environmental Hazards Control (EHC) [**Subsurface Investigation, 3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)**] in June 2004. The Robinson & Noble study was initiated by the Puyallup Indian Tribe to evaluate both the Hometel and adjacent casino properties. Petroleum hydrocarbons were detected on the casino property, but not on the Hometel site. Neither study found petroleum hydrocarbons on the Hometel property. However, metals were detected in the ground water above the Model Toxics Control Act (MTCA) Method A cleanup levels. Arsenic, chromium and lead were found in the ground water in the earlier study and arsenic in the last study. Ground water was encountered at a depth of between 2.5 ft and 4.5 ft below ground surface (bgs). Unfortunately, because these metals have been found in the ground water above the MTCA cleanup levels, it is not possible to provide an NFA letter for the Hometel Motor Inn site, at this time. However, it could be possible to obtain an NFA letter for this site if certain additional work is conducted at this site. The following options are available to you and your clients:

1. Documentation should be provided for the soils located in the vadose zone (above the water table) to determine that the site is or is not a source for the metals contamination detected in the ground water. The fill material for this site may be

a source of metals and it should be characterized as completely as possible.

2. The ground water should be sampled to obtain analyses for metals (including arsenic, chromium and lead). Both dissolved and total fractions samples should be obtained. Wells should be constructed to determine whether elevated levels of metals are entering the property from off property and/or leaving the property down gradient. Depending on whether contaminants of concern are detected, additional samples may be required. If constituents are detected in the ground water, monitoring will be necessary to provide assurance that the concentrations remain below model toxics control act (MTCA) regulatory levels for four continuous quarters. An NFA letter could be issued once it is determined that ground water and soils is not causing harm to human health or the environment.

3. If it is possible to determine that the metals contamination in the ground water is an area wide issue, it may be possible to place a restrictive covenant on the ground water. However, because your property may be part of an area-wide site, Ecology may not be able to provide an NFA letter, but rather would provide an opinion letter. The property would be defined as part of a greater area defined by the arsenic ground-water plume and resolution would not occur until all of the greater area had been addressed as a formal cleanup (Agreed Order or Consent Decree). Generally, the criteria to placing a restrictive covenant on ground water are that the water is not being consumed on site and concentrations above MTCA regulatory cleanup levels are not leaving the property. However, should an area-wide contamination problem be determined, as part of the remedy selection, Ecology may approve an area-wide conditional point of compliance. "The area-wide conditional point(s) of compliance shall be as close as practicable to each source of hazardous substances, not to exceed the extent of ground water contamination at the time the department approves an area-wide conditional point of compliance. This provision may be applied only at areas that are affected by hazardous substances released from multiple sources that have resulted in commingled plumes of contaminated ground water that are not practicable to address separately. A site may have more than one area-wide conditional point of compliance to address multiple sources and types of contaminants. An area-wide conditional point of compliance may be approved under this provision only if all of the following conditions have been met:

   (A) The person conducting the cleanup action has complied with WAC 173-340-350 through 173-340-390, including a demonstration that it is not practicable to meet a point of compliance throughout the ground water contamination within a reasonable restoration time frame.

   (B) A plan has been developed for implementation of the cleanup action,

including a description of how any necessary access to the affected properties will be obtained.

(C) If the contaminated ground water is considered to be potable under WAC 173-340-720(2), current developments in the area encompassed by the area-wide conditional point of compliance and any other areas potentially affected by the ground water contamination are served by a public water system that obtains its water from an offsite source and it can be demonstrated that the water system has sufficient capacity to serve future development in these areas. This demonstration may be made by obtaining a written statement to this effect from the water system operator.

(D) All property owners, tribes, local governments, and water purveyors with jurisdiction in the area potentially affected by the ground water contamination, have been mailed a notice of the proposal to establish an area-wide conditional point of compliance and provided an opportunity to comment. The notice shall specifically ask for information on existing and planned uses of the ground water. The notice shall be in addition to any notice provided under WAC 173-340-600. The department will give greater weight to information based on an adopted or pending plan or similar preexisting document. When the department is providing technical assistance under WAC 173-340-515, the department shall also provide an opportunity to comment to the public through the *Site Register* before issuing a written opinion.

(E) Other conditions as determined by the department on a case-by-case basis. [WAC 173-340-720(8)(d)(iii)]

Please note that because your actions were not, or will not be conducted under a consent decree with Ecology, this letter is written pursuant to RCW 70.105D.030(1)(i) and does not constitute a settlement by the state under RCW 70.105D.040(4) and is not binding on Ecology.

The opinions presented by Ecology in this letter are made with respect to the information provided in the documents listed above. This opinion is only applicable to the specified site (or portion of the site) and may not be used to justify action at any other site (or portion of the site) nor any other properties owned or operated by Star Lodging of the Northwest, Mr. Amrit Pal Singh or their representatives.

The State, Ecology, and its officers and employees are immune from all liability and no cause of action of any nature may arise from any act or omission in providing this determination.

If you have any questions about any of the information presented in this letter, please contact me at (360) 407-6267.

Sincerely,

Charles S. Cline
Toxics Cleanup Program
Southwest Regional Office

CSC/ksc:HometelMotorInnOpinion

cc: Mr. Amrit Pal Singh, Star Lodging of the Northwest, LLC
Ms. Sharon Bell, Tacoma-Pierce County Health Dept.
Trish Akana, Department of Ecology (SW0601)

Table 720-1
Method A Cleanup Levels for Ground Water.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	5 ug/liter[b]
Benzene	71-43-2	5 ug/liter[c]
Benzo(a)pyrene	50-32-8	0.1 ug/liter[d]
Cadmium	7440-43-9	5 ug/liter[e]
Chromium (Total)	7440-47-3	50 ug/liter[f]
DDT	50-29-3	0.3 ug/liter[g]
1,2 Dichloroethane (EDC)	107-06-2	5 ug/liter[h]
Ethylbenzene	100-41-4	700 ug/liter[i]
Ethylene dibromide (EDB)	106-93-4	0.01 ug/liter[j]
Gross Alpha Particle Activity		15 pCi/liter[k]
Gross Beta Particle Activity		4 mrem/yr[l]
Lead	7439-92-1	15 ug/liter[m]
Lindane	58-89-9	0.2 ug/liter[n]
Methylene chloride	75-09-2	5 ug/liter[o]
Mercury	7439-97-6	2 ug/liter[p]
MTBE	1634-04-4	20 ug/liter[q]
Naphthalenes	91-20-3	160 ug/liter[r]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB mixtures		0.1 ug/liter[s]
Radium 226 and 228		5 pCi/liter[t]
Radium 226		3 pCi/liter[u]
Tetrachloroethylene	127-18-4	5 ug/liter[v]
Toluene	108-88-3	1,000 ug/liter[w]
Total Petroleum Hydrocarbons[x] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		

Gasoline Range Organics		800 ug/liter
Benzene present in ground water		1,000 ug/liter
No detectable benzene in ground water		
Diesel Range Organics		500 ug/liter
Heavy Oils		500 ug/liter
Mineral Oil		500 ug/liter
1,1,1 Trichloroethane	71-55-6	200 ug/liter[y]
Trichloroethylene	79-01-6	5 ug/liter[z]
Vinyl chloride	75-01-4	0.2 ug/liter[aa]
Xylenes	1330-20-7	1,000 ug/liter[bb]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for drinking water beneficial uses at sites undergoing routine cleanup actions or those sites with relatively few hazardous substances. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table should not automatically be used to define cleanup levels that must be met for financial, real estate, insurance coverage or placement, or similar transactions or purposes. Exceedances of the values in this table do not necessarily mean the ground water must be restored to those levels at all sites. The level of restoration depends on the remedy selected under WAC 173-340-350 through 173-340-390.

b **Arsenic.** Cleanup level based on background concentrations for state of Washington.

c **Benzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

d **Benzo(a)pyrene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk. If other carcinogenic PAHs are suspected of being present at the site, test for them and use this value as the total concentration that all carcinogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8).

e **Cadmium.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.62).

f **Chromium (Total).** Cleanup level based on concentration derived using Equation 720-1 for hexavalent chromium. This is a total value for chromium III and chromium VI. If just chromium III is present at the site, a cleanup level of 100 ug/l may be used (based on WAC 246-290-310 and 40 C.F.R. 141.62).

g **DDT (dichlorodiphenyltrichloroethane).** Cleanup levels based on concentration derived using Equation 720-2.

h **1,2 Dichloroethane (ethylene dichloride or EDC).** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

i **Ethylbenzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

are #6 fuel oil, bunker C oil, hydraulic oil and waste oil. The cleanup level is based on protection from noncarcinogenic effects during drinking water use, assuming a product composition similar to diesel fuel. The ground water cleanup level for any carcinogenic components of the petroleum [such as benzene, PAHs and PCBs] and any noncarcinogenic components [such as ethylbenzene, toluene, xylenes and naphthalenes], if present at the site, must also be met. See Table 830-1 for the minimum testing requirements for heavy oil releases.

Mineral oil means non-PCB mineral oil, typically used as an insulator and coolant in electrical devices such as transformers and capacitors measured using NWTPH-Dx. The cleanup level is based on protection from noncarcinogenic effects during drinking water use. Sites using this cleanup level must analyze ground water samples for PCBs and meet the PCB cleanup level in this table unless it can be demonstrated that: (1) The release originated from an electrical device manufactured after July 1, 1979; or (2) oil containing PCBs was never used in the equipment suspected as the source of the release; or (3) it can be documented that the oil released was recently tested and did not contain PCBs. Method B (or Method C, if applicable) must be used for releases of oils containing greater than 50 ppm PCBs. See Table 830-1 for the minimum testing requirements for mineral oil releases.

y **1,1,1 Trichloroethane.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

z **Trichloroethylene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

aa **Vinyl chloride.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk.

bb **Xylenes.** Cleanup level based on xylene not exceeding the maximum allowed cleanup level in this table for total petroleum hydrocarbons and on prevention of adverse aesthetic characteristics. This is a total value for all xylenes.

Table 740-1
Method A Soil Cleanup Levels for Unrestricted Land Uses.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	20 mg/kg[b]
Benzene	71-43-2	0.03 mg/kg[c]
Benzo(a)pyrene	50-32-8	0.1 mg/kg[d]
Cadmium	7440-43-9	2 mg/kg[e]
Chromium		
Chromium VI	18540-29-9	19 mg/kg[f1]
Chromium III	16065-83-1	2,000 mg/kg[f2]
DDT	50-29-3	3 mg/kg[g]
Ethylbenzene	100-41-4	6 mg/kg[h]
Ethylene dibromide (EDB)	106-93-4	0.005 mg/kg[i]
Lead	7439-92-1	250 mg/kg[j]

Lindane	58-89-9	0.01 mg/kg[k]
Methylene chloride	75-09-2	0.02 mg/kg[l]
Mercury (inorganic)	7439-97-6	2 mg/kg[m]
MTBE	1634-04-4	0.1 mg/kg[n]
Naphthalenes	91-20-3	5 mg/kg[o]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB Mixtures		1 mg/kg[p]
Tetrachloroethylene	127-18-4	0.05 mg/kg[q]
Toluene	108-88-3	7 mg/kg[r]
Total Petroleum Hydrocarbons[s] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		
Gasoline Range Organics		
Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture		100 mg/kg
All other gasoline mixtures		30 mg/kg
Diesel Range Organics		2,000 mg/kg
Heavy Oils		2,000 mg/kg
Mineral Oil		4,000 mg/kg
1,1,1 Trichloroethane	71-55-6	2 mg/kg[t]
Trichloroethylene	79-01-6	0.03 mg/kg[u]
Xylenes	1330-20-7	9 mg/kg[v]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for sites undergoing routine cleanup actions or for sites with relatively few hazardous substances, and the site qualifies under WAC 173-340-7491 for an exclusion from conducting a simplified or site-specific terrestrial ecological evaluation, or it can be demonstrated using a terrestrial ecological evaluation under WAC 173-340-7492 or 173-340-7493 that the values in this table are ecologically protective for the site. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table

Hometel Inn Motel, Fife, Washington
Project: EHC04061A

BORING LOGS

Attachment 5

ENVIRONMENTAL HAZARDS CONTROL

Project: Homestead Inn Motel
Address: 3520 Pacific Hwy E
Fife, WA 98424
Client: Kevin Cook

Project #: EHC04014
Well/Test Pit #: 3B
Date: 10-21-04
EHC Rep: CTJ

Ft.	Soil Description	GW
1	Dark brn-sand; humus	
	Brown med-coarse sand	▽
2	Dst gray med-coarse	
3	sand	
4		
5	" " " " " " " " "	

Well: As-Built Design

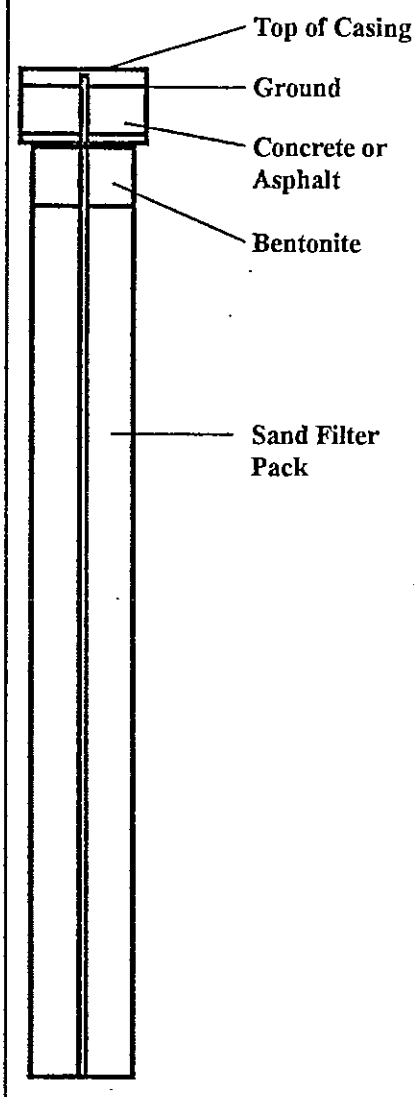

Legend/Notes:

Start: 1203
Stop: 1206
GW: 1' bgs
Samples: 0-.5'
1'-1.5'
2'-2.5'

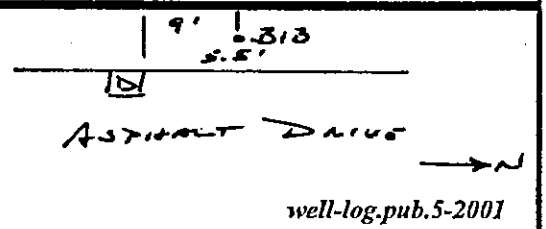

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ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn Motel	Project #: ENC040014
Address: 3520 Tacoma E	Well/Test Pit #: B2B
Fife, WA 98424	Date: 10-21-04
Client: Kevin Cook	EHC Rep: JTS

Ft.	Soil Description	GW
	Asphalt	
1	Coarse sand & gravel	
2	Med-coarse sand	
3	Moist olive sand	
4	Wet fine-med sand	▽
5	" " " " " " " "	

Well: As-Built Design

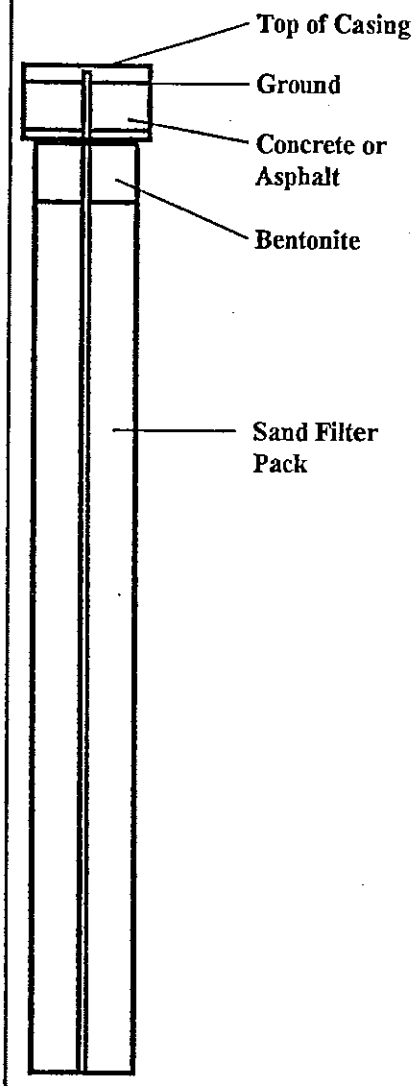

Legend/Notes:

Start: 1220
Stop: 1231
GW: 3.25' bgs
Samples: .5-1', 1-1.5', 2-2.5', 2.5-3'

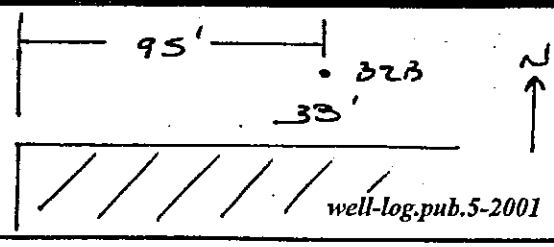

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ENVIRONMENTAL HAZARDS CONTROL

Project: Homestead Inn Motel
Address: 3520 Pacific Hwy E
Fife, WA 98424
Client: Kevin Cook

Project #: E1C04001A
Well/Test Pit #: B3B
Date: 10-21-04
EHC Rep: OTS

Ft.	Soil Description	GW
	Asphalt	
1	Coarse sand & gravel	
2	Moist brown med-coarse sand	
3	Wet grey med-coarse sand	▽
4		
5		

Well: As-Built Design

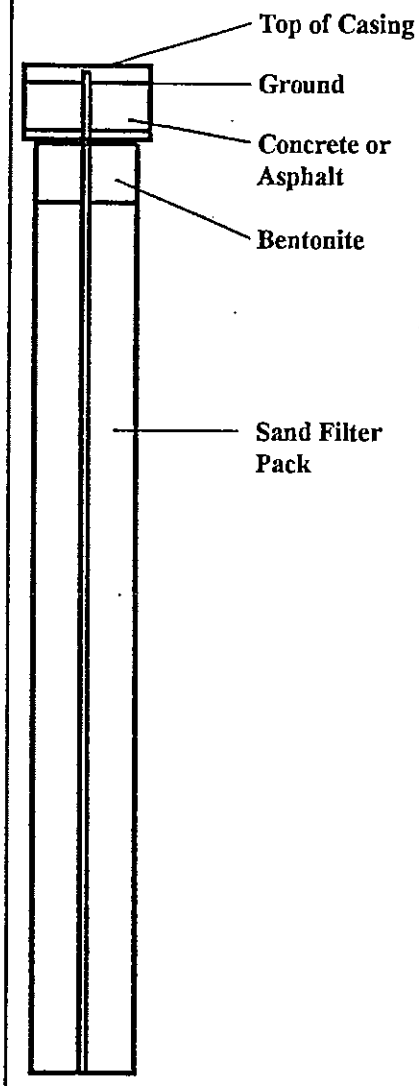

Legend/Notes:
Start: 1250
Stop: 1254
GW: 3' 303
Samples: .5'-1'
1'-1.5
2-2.5
2.5-3

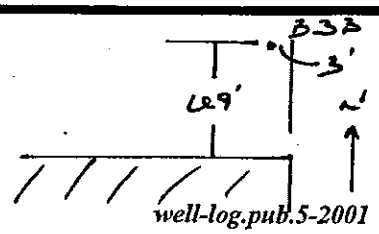

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ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn Motel
Address: 3520 Pac Hwy E
Fife, WA 98424
Client: Kevin Call

Project #: EHC04061A
Well/Test Pit #: B4B
Date: 10-21-04
EHC Rep: GTS

Ft.	Soil Description	GW
	Asphalt	
1	Coarse sand & gravel	
2		
3	Moist - wet grey sand	▽
4		
5		

Well: As-Built Design

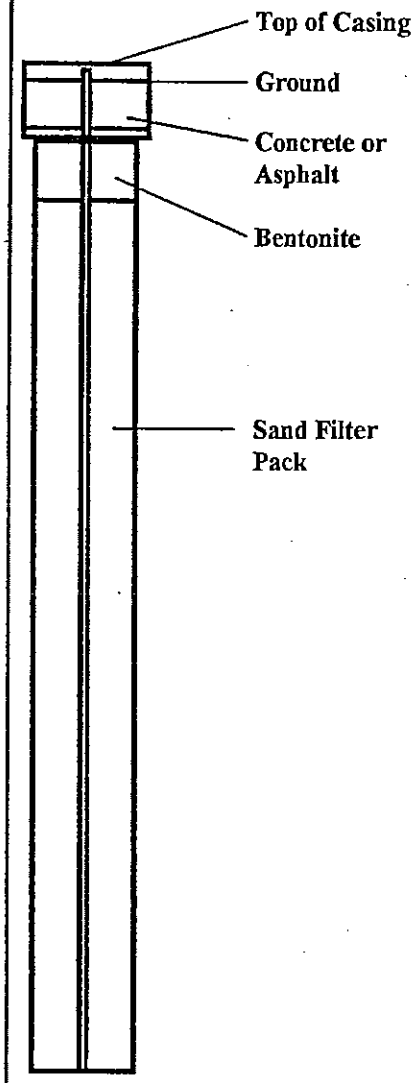

Legend/Notes:
Start: 1302
Stop: 1304
GW: 3' BGS
Samples: .5-1'
1'-1.5'
2.5-3'

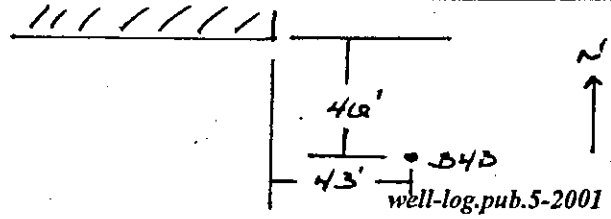

well-log.pub.5-2001

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Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometown Inn Motel	Project #: EHC040410A
Address: 3520 Pacific Hwy E	Well/Test Pit #: B53
Fife, WA 98424	Date: 10-21-04
Client: Kevin Cook	EHC Rep: JTJ

Ft.	Soil Description	GW
	Asphalt	
1	Coarse sand &	
2	gravel	
3		
4	Wet gray med-coarse sand	▽
5		

Well: As-Built Design

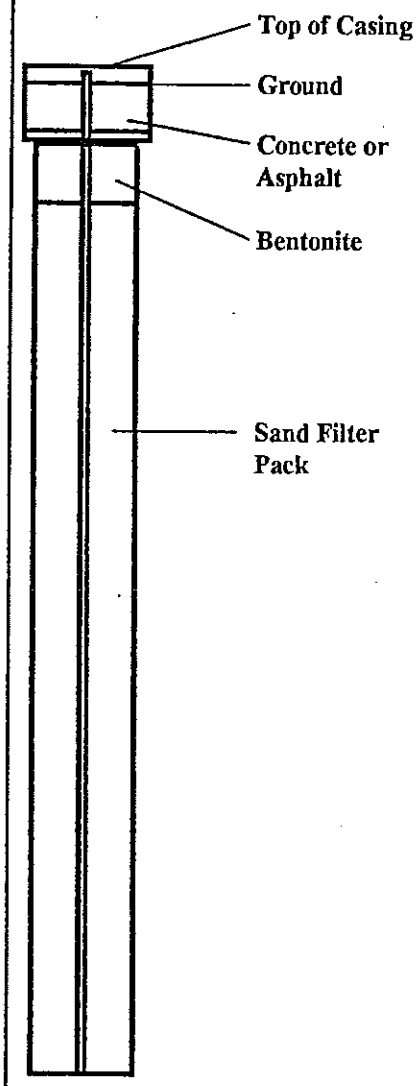

Legend/Notes:

Start: 1311
Stop: 1314
GW: 3.5 BGS
Samples: .5'-1'
1.5'-2'
3'-3.5'

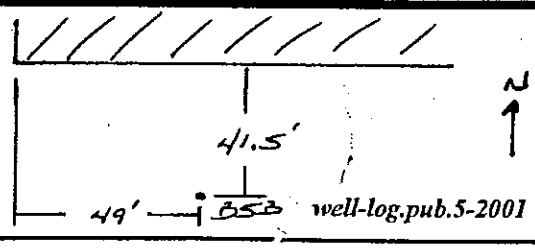

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ENVIRONMENTAL HAZARDS CONTROL

Project: Homestead Inn Motel
Address: 3520 Pacific Hwy E
Fife, WA 98424
Client: Kevin Chang

Project #: ENC040614
Well/Test Pit #: B6B
Date: 10-21-04
EHC Rep: JTJ

Ft.	Soil Description	GW
1	Med-coarse sand	
2	Coarse sand & gravel	
3		
4	Wet gray silty sand	
5	" " " " " " " "	▽

Well: As-Built Design

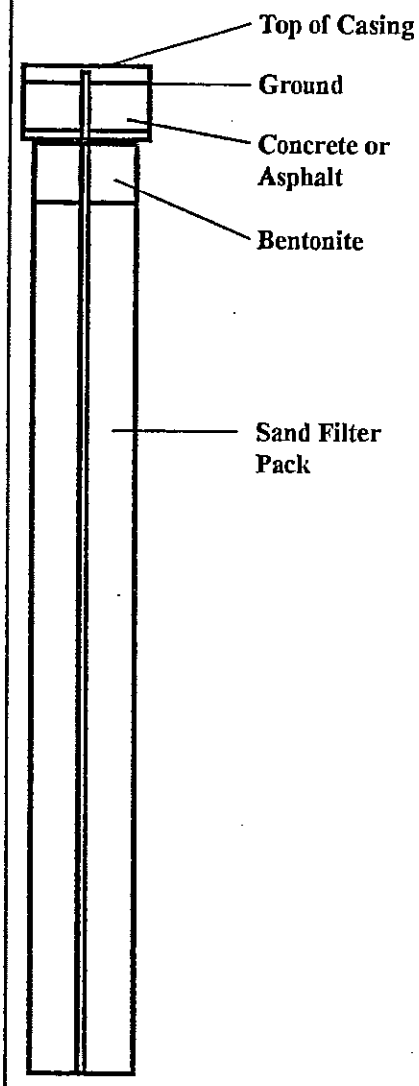

Legend/Notes:
Start: 1333
Stop: 1335
GW: 4' bgs
Samples: 0-.5'
2'-2.5'
3'-3.5'

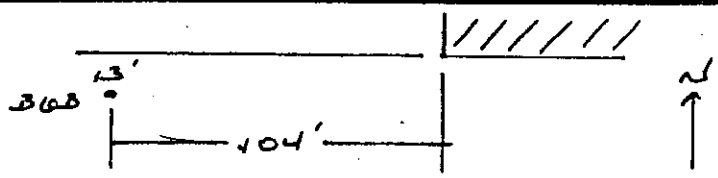

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Hometel Inn Motel, Fife, Washington
Project: EHC04061A

EQUIPMENT LIST

Attachment 6

Hometel Inn Motel, Fife, Washington
Project: EHC04061A

Equipment List

Attachment 6

The following is a list of equipment used by EHC during the *Subsurface Investigation* and related work at 3520 Pacific Highway East, Fife, Washington.

1. Disposable coveralls
2. Disposable latex gloves
3. Distilled/de-ionized water (2 gallons)
4. Trisodium phosphate
5. Paper towels
6. Sealable plastic bags
7. Utility knife
8. Measuring tapes (25' and 300')
9. Flash light
10. Tools kit (ratchet, sockets, Allen wrenches, pliers, screw drivers, etc.)
11. 4 ounce glass jars
12. Poly bottles
13. Stainless steel trowel
14. Hand wipes (unscented)
15. Numerous orange cones for directing traffic and cordoning off work areas.
16. Department of Transportation approved sign indicating "Road Work Ahead".

Environmental Hazards Control
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Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

RECEIVED
DEPT. OF ECOLOGY/SWRO

'04 DEC 29 P3:24

December 29, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Groundwater Well Installation and Monitoring
3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit this *Groundwater Well Installation and Monitoring* report on the referenced property. The site work was performed adjacent previous sampling locations in the parking areas and vegetation strips near the four (4) corners of the property.

1.0 Purpose

The purpose of our services was to evaluate shallow groundwater (GW) and offer recommendations for further investigation, if warranted. Based upon previous sample data and discussions with Chuck Cline, Section Manager for the Washington State, Department of Ecology (WDOE), Southwest Region, it was determined GW wells would be installed on site to sample for the heavy metal arsenic. The sampling was to be performed on the south and north sides of the property in an attempt to profile total and dissolved concentrations of the heavy metal arsenic as it lensed across the site in a northerly direction.

The following is an outline of the critical elements of the sampling:

- Review previously published reports on subject;
- Review WDOE letters concerning the site;
- Discuss the project status with Chuck Cline at WDOE;
- Install GW wells near the 4 corners of the subject and sample for the heavy metal arsenic;
- Document conditions found;
- Submit samples to an approved laboratory for analysis;
- Provide a written report of findings with recommendations.

2.0 Services

The following services were provided by EHC:

- Reviewed previously published reports on subject;
- Reviewed WDOE letters concerning the site and possible "No Further Action Letters";
- Discussed the project status with Chuck Cline at WDOE and arrived at a sampling protocol;
- Developed a *Sampling Plan* to install GW wells near previous boring locations;
- Revised the existing *Health and Safety Plan (HASP)*;
- Reviewed *Sampling Plan* and *HASP* with driller from Environmental Services Network, Northwest (ESN);
- On December 17, 2004, a total of 4 - ¾" diameter GW wells were installed near the 4 corners of the subject;
- The GW wells were installed using a truck-mounted direct push hydraulic auger (Strataprobe) and set to depths of 6' to 8' below ground surface (bgs);
- Groundwater was encountered in all 4 GW wells (W1 – W4) ranging between about 1' and 3' bgs;
- EHC recorded the depth of each well, along with screen size, length of screen, etc. on Boring Logs;
- On December 18, 2004, EHC developed and/or purged the wells by evacuating about 1 gallon of GW and recorded the pH and temperature prior to and throughout the purging process on Groundwater Sampling Logs;
- On December 18, 2004, EHC drew 2 separate samples of GW from each well with a gravity pump or a bearing and tube sampler;
- All sample containers were labeled with the necessary information (sample #, date, time, analysis);
- Samples were stored in a cooler with ice/chiller packs (maintained at approximately 4 degrees centigrade) during field operations;
- The afternoon of December 18, 2004, a proper chain-of-custody was completed;
- The afternoon of December 18, 2004, EHC submitted 8 samples to STL Laboratories in Fife, Washington for analysis of total and dissolved arsenic;
- The laboratory was instructed to filter the 4 dissolved samples prior to analysis;
- The laboratory was informed the samples were contained in plastic or poly bottles with no preservative (H2SO4);
- Requested analysis on all 8 GW samples:
  1. USEPA Method 6020 (Heavy metal arsenic in GW…4 Total and 4 Dissolved);
- Received preliminary analysis via facsimile the morning of December 22, 2004 and reviewed the data;
- Contacted Client and left a voice mail describing preliminary analytical results;
- Summarized the data in a written report with attachments.

3.0 Background

The subject property was a commercial zoned parcel of land occupied by the Hometel Inn Motel. The property was located in the 3500 block of Fife, Washington between Pacific Highway East and

Interstate 5. The subject was utilized as farmland up to the early 1960s. The subject was developed as a motel/hotel in the early to mid-1960s and has been in operation as such to present day.

3.1 Property Reports

- *Subsurface Investigation*, Environmental Hazards Control, EHC04061A, November 4, 2004.
- *Subsurface Investigation*, Environmental Hazards Control, EHC04061, June 25, 2004.
- *Phase I and Limited Phase II Environmental Site Assessment*, Robinson & Noble, Inc. and Saltbush Environmental Services, #1757-004A, April 2004 (EHC was provided the cover page along with pages 8, 9 10, 11, a Vicinity Map and poor copy of the Boring Location Map).
- *Wetlands Review of Hometel Inn Property, City of Fife, 3520 Pacific Highway East, Pierce County Parcel #0320111049*, Russell & Associates, May 12, 2003.
- *Phase I Environmental Site Assessment*, Hometel Inn Motel, NVL Laboratories, Inc. June 25, 2002.
- *Asbestos-Containing Materials Survey*, 3518 Pacific Highway, Fife, WA, Project #2002-285, NVL Laboratories, Inc., June 20, 2002 (Partial report included pages 1 – 9).

4.0 Field Work

4.1 Utilities Locate

Based upon the previous site work performed by another consulting firm, and given EHC's *Sampling Plan* dictated GW wells be installed adjacent previous borings, EHC did not contact the Utilities Underground Location Center (UULC) prior to commencing the subsurface work at the referenced property. Although, all visible utilities, stormwater piping and asphalt patches relating to subsurface systems (electrical and plumbing) were noted by EHC prior to commencing the work. A minimum distance of 5' was maintained from all apparent subsurface systems throughout the work. Additionally, a minimum distance of 10' was maintained from all overhead systems throughout the work.

4.2 Sampling Plan

The October 2004 *Sampling Plan* was updated based upon the previously published reports on the site and site reconnaissance by EHC. The focus of the *Sampling Plan* was to install GW wells and draw representative samples of GW for the presence of the heavy metal arsenic. See: SAMPLING PLAN.

4.3 Groundwater Well Installation

The GW well locations were chosen based upon the general flow of GW across the site from south to north and because previous soil and GW data had been gathered in the direct area. A description of each installed GW well has been described in subsequent paragraphs. See: BORING LOGS and GROUNDWATER SAMPLING LOGS.

Well W1 was installed to a depth of 6' below ground surface (bgs) near the northwest corner of the property in a vegetation strip approximately 107' west and 70' north of the northwest corner of the site building. The well location was chosen because it was near borings advanced in a previously referenced reports and because it was near the drainage area for the parking stormwater. A ¾" 10 slot PVC screen

was installed from 1' to 6' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 0.80 at the time of well installation.

Well W2 was installed to a depth 8' bgs in the northeast corner of the property in the North Parking Area about 3' west and 65' north of the northeast corner of the site building. The well location was chosen because it was adjacent borings advanced in previously referenced reports. A ¾" 10 slot PVC screen was installed from 3' to 8' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 1.9 at the time of well installation.

Well W3 was installed to a depth of 7' bgs near the southeast corner of the property in the South Parking Area approximately 43' east and 46' south of the southeast corner of the site building. The well location was chosen because it was adjacent borings advanced in previously referenced reports. A ¾" 10 slot PVC screen was installed from 2' to 7' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 2.8' at the time of well installation.

Well W4 was installed to a depth of 8' bgs near the southwest corner of the property in a vegetation strip approximately 104' west and 13' south of the southwest corner of the site building. The well location was chosen because it was adjacent or near borings advanced in previously referenced reports. A ¾" 10 slot PVC screen was installed from 3' to 8' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 2.2' at the time of well installation.

4.3.1 Work Procedures

On December 17, 2004, Steven Salter of EHC donned protective non-latex gloves during the work and distilled water rinses were performed on all equipment prior to their use and between samples. Proper personal protective equipment was donned including hearing protection, hard hat and rubber boots prior to commencing with the work.

All wells were installed using a truck-mounted 2" hydraulic auger owned and operated by ESN. The Strataprobe sampling system consisted of direct-push hydraulic unit. The rear-mounted, duel ram configuration, in conjunction with a hydraulic hammer, is capable of producing high-frequency impact energy that is suitable for shallow to moderate depth environmental sampling and well installation.

The Driller (Kevin M. Vandehey) advanced each boring using a standard punch that was extracted prior to installation of ¾' PVC well screen (capped on the bottom) and associated ¾' PVC piping (capped on top). A clean sand filter pack was poured around the well screen and the well was then sealed with bentonite. A standard metal well monument was cemented in place and WDOE Well Number Tag attached to each well. See: BORING LOGS.

On December 18, 2004, Steven Salter donned protective non-latex gloves during the work and distilled water rinses were performed on all equipment prior to their use. Samples were collected by EHC using a gravity pump consisting of new 3/8' plastic tubing, a retained bearing and brass tubing connector.

Groundwater was pumped from the wells by shaking the tubing in a vertical motion whereby the movement of the bearing created a simple vacuum or pumping action and drew water in to the tubing.

A total of a gallon of GW, far greater than 3 casing volumes, was drawn from each of the wells prior to sampling. The GW temperature and pH were recorded prior to and during well purging. All purge water was stored in a mini-drum during sampling operations and dumped near the southwest corner of the proper following all sampling activities. EHC tested the temperature and pH prior to and during the purging process for a total of 4 separate tests prior to sampling.

All samples were stored in a cooler with ice/chiller packs (maintained at approximately 4 degrees centigrade) during field operations. The afternoon of December 18, 2004, a proper chain-of-custody was completed and 8 samples were submitted to STL Laboratories in Fife, Washington for total and dissolved analysis of arsenic. The laboratory was instructed to filter the 4 dissolved samples prior to analysis. And, the laboratory was informed the samples were contained in plastic or poly bottles with no preservative (H2SO4). See: LABORATORY ANALYSIS and EQUIPMENT LIST.

4.3.2 Laboratory Analysis

Samples W1-1, W2-1, W3-1 and W4-1 were found to contain "total" arsenic above the Model Toxics Control Act (MTCA), Method A Cleanup Level for Groundwater of 5 micrograms per liter (ug/L). Samples W1-1, W2-1, W3-1 and W4-1 were found not to contain detectable concentrations of "dissolved" arsenic. See: LABORATORY ANALYSIS.

A summary of the analytical results of the GW samples has been presented in Table 5-1.

Table 5-1
Summary of Analytical Results of Groundwater
3520 Pacific Highway East, Fife, Washington

Sample Number	Well Location	GW Depth	Sample Date	Analysis Date	Arsenic "Total"	Arsenic "Dissolved"
W1-1	NW Corner	0.85'	12-18-04	12-20-04	**79.1**	ND
W2-1	NE Corner	1.95'	12-18-04	12-20-04	**61.1**	ND
W3-1	SE Corner	1.6'	12-18-04	12-20-04	**23.3**	ND
W4-1	SW Corner	2.5'	12-18-04	12-20-04	**9.05**	ND
Method Blank	-	-	-	12-20-04	ND	ND
Lab Detection Limit (Metals by ECP-MS – USEPA Method 6020)					0.0005	0.0005
MTCA, Method A Soil Cleanup Levels for Unrestricted Land Use					5 ug/L	5 ug/L

GW values reported in milligrams per Liter (mg/L) and converted to ug/L (ug/L).
Bold values indicate concentration exceed MTCA, Method A Cleanup Levels for GW.
ND = None detected.
Method Blank = Sample analyzed by laboratory for quality assurance.
Well Location: General location of the well on the subject property to assist the reader.

5.0 Summary of Conditions

- A total of 4 GW wells were installed near the 4 corners of the subject at depths ranging from 6' to 8' bgs.
- Generally, site soils consisted of fine to medium sands over-laid in areas with 1' to 2' of fill consisting of coarse sands and crushed rock.
- All wells were packed with clean sand, sealed with bentonite and capped with a standard metal monument properly cemented in place.
- At the time of well installation, GW was encountered at 0.8' to 2.8'bgs.
- At the time of GW sampling, GW was encountered at 0.85 to 2.2'
- A total of a gallon of GW, or more than 3 well casings volumes, were purged from each well prior to sampling.
- Groundwater from all 4 borings was found to contain "total" concentrations of the heavy metal arsenic (9.05 to 79.1 ug/L) above the MTCA, Method A Cleanup Level of 5 ug/L.
- Groundwater from all 4 borings had no detectable "dissolved" concentrations of the heavy metal arsenic.

6.0 Conclusions

- Based upon "total" metals analysis, it appears shallow GW across the site contains the heavy metal arsenic above the MTCA, Method A Cleanup Level for Groundwater of 5 ug/L.
- Based upon "dissolved" metals analysis, GW sampled did not contain the heavy metal arsenic above the MTCA, Method A Cleanup Level for Groundwater of 5 ug/L.
- Total arsenic in W1 and W2 was 79.1 to 61.1 ug/L; respectively.
- Total arsenic in W3 and W4 was 23.3 to 9.05 ug/L; respectively.
- The arsenic in GW may be naturally occurring or caused by human activity.
- The source of the arsenic in GW could not be discerned.

7.0 Recommendations

- As required by the MTCA, the property owner must submit this report to the Washington State, Department of Ecology, Southwest Regional Office within 90 days of publication.
- Submit this report, along with all other pertinent data, to the Washington State, Department of Ecology, Voluntary Cleanup Program for review, comment and/or possible issuance of "No Further Action Letter" or a "Non-Restrictive NFA". A copy of the report should be forwarded to Chuck Cline at WDOE at 47775, Olympia, Washington 98504-7775.

8.0 Limitations and Exceptions

EHC is providing data, information and recommendations for the express purpose of the Client. The information is offered for management decisions, considerations for further investigation and future removal, encapsulation, management or disposal of suspect hazardous materials or toxic substances.

The professional services provided by EHC and its personnel are for the benefit of and are limited to the Client only and to the fee actually received by EHC. Further, there is no accountability, obligation or liability to any third party. If an EHC report is placed in the hands of anyone other than the Client, the

Client shall make such party aware of related discussions. EHC and its personnel are in no way to be responsible for any costs incurred to discover or correct physically, financially and/or legally environmental or health and safety conditions on a property. In the case of limited partnerships, syndication offering or stock offerings in real estate, the Client agrees that in case of a lawsuit brought by lender, partner or part Client in any form of Client and officers (ownership, tenant, or any other party), any and all awards, settlements of any type in such suits, regardless of the outcome), the Client will hold EHC and it's personnel completely harmless in any such action.

Possession of an EHC report or any copy thereof does not carry with it the right of publication, nor may it be used for other than its intended use; the physical report(s) remain the property of EHC for the use of the Client, the fee being for the analytical services only.

An EHC report is to be used only in its entirety, and no part is to be used without the whole report. All conclusions and opinions concerning the analysis as set forth in the report were prepared by EHC personnel whose signature(s) appear on the report unless otherwise indicated. No change of any item in the report shall be made by anyone other than EHC personnel. EHC and EHC personnel shall have no responsibility if any such unauthorized change is made.

EHC personnel may not divulge the material (evaluation) contents of the report, analytical findings or conclusions, or give a copy of the report to anyone other than the Client or his designee as specified in writing except as may be required by a court of law or body with the power of a subpoena.

An EHC report was obtained from EHC and consists of "trade secrets and environmental, commercial or financial information" which is privileged and confidential and exempted from disclosure. Notify EHC of any request(s) to reproduce this report in whole or in part.

No responsibility is assumed for accuracy of information furnished by work of others, the Client, his designee or public records. The comparable data relied upon in this report has been confirmed with one or more party familiar with the transaction or from affidavit or other sources thought reasonable; all are considered appropriate for inclusion to the best of our factual judgment and knowledge. An impractical and uneconomic expenditure of time would be required in attempting to furnish unimpeachable verification in all instances, particularly as to environmental condition, engineering and related information.
Any sketches and maps in an EHC report are included to assist the reader in visualizing the property and are not necessarily to scale. Photographs are included for the same purpose and represent conditions at the time of the inspection(s). Site plans are not always surveys unless shown from a separate surveyor.

No responsibility is assumed by EHC for matter(s) legal in character or nature, no matter of survey, nor any architectural, structural, mechanical, or engineering nature pertaining to the subject property.

Typically, a legal description is assumed to be correct as used an EHC report as furnished by the Client, his designee, or as derived by EHC.

EHC personnel have inspected as far as possible, by observation, the land and improvement(s); however, it was not possible to personally observe conditions beneath the soil or hidden structural components, or other components.

It is always possible that areas with undetected contamination may exist in portions of the site where no subsurface exploration was performed. Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in this area at the time this report was prepared.

8.0 Special Terms and Conditions

We make no warranties, express or implied, including without limitation, warranties as to merchantability or fitness of a property for a particular purpose. In addition, the information provided to you in an EHC report is not to be construed as legal advice. All rights, warranties and information in the Professional Services Agreement, signed by the Client and EHC, are included.

9.0 Reliance

The Client only may rely on the report information unless written authorization is provided by EHC. EHC does not warranty and there is no accountability, obligation or liability to any third party.

10.0 References

- Area-Wide Soil Contamination Task Force Report, Submitted to Washington State, Dept. of Agriculture, Dept. of Ecology, Dept. of Health and Dept. of Community, Trade and Economic Development, June 30, 2003.
- USEPA, Permit Applicants Guidance manual for Hazardous Waste Land Treatment, Storage and Disposal Facilities (Final Draft), 530-SW-84-004.
- Toxic Substance Control Act (TOSCA), Public Law 94-469, October 1976 administered by the USEPA. Also, the subsequent revisions in the Federal Register.
- Hazardous Waste Compliance Checklist, Hazardous Waste Bulletin, Bureau of Law and Business, Inc., Madison, CT.
- Chapter 173-303 WAC, Dangerous Waste Regulations, Washington State, Department of Ecology, January 1994.
- Chapter 173-340 WAC, Model Toxics Control Act, Washington State, Department of Ecology.

11.0 Signature Of Environmental Professional

The following personnel or principals were involved in preparing this report and should be contacted with questions regarding its contents or opinions at (253) 925-1060 in Tacoma and (253) 874-6556 in Seattle, Washington:

Steven J. Salter
Environmental Consultant
Environmental Hazards Control
ssalter@envirohazardscontrol.com

December 29, 2004
Date

EHC04061B
Project #

12.0 Qualifications of Environmental Professional

Mr. Salter is the owner, founder and lead environmental consultant for Environmental Hazards Control (EHC). His experience includes over 18 years of consulting, planning and remediation in the environmental industry. He has an educational background in architecture, engineering and business. And, he has extensive experience in the investigation, testing, planning, permitting and remediation of hazardous materials.

Mr. Salter has been teaching about hazardous materials to Appraisal, Banking, Insurance, Real Estate and Development Professionals since the early 1990's. He wrote a manual on and started teaching about Environmental Assessment and Audits in 1991. And, he was the Environmental Expert for the Planning Commission of Tacoma, Washington from July 1993 to June 1995.

Mr. Salter maintains numerous certifications in the Environmental Industry including the identification and management of projects involved with Asbestos-Containing Materials, Lead-Based Paints and Hazardous Materials. He has successfully completed numerous courses on Construction Safety Management, Environmental Assessing and Auditing and the Identification of Occupational Hazards. And, he is a Certified Appraisal, Escrow and Real Estate Instructor.

Registrations and Certificates

➢ OSHA Construction Safety Manager	Certified 2000
➢ Environmental Expert, Planning Commission, Tacoma, WA	July 1993 – June 1995
➢ Certified Instructor, Washington Department of Licensing	Instructor #I0468
Real Estate, Escrow and Assessor	1991
➢ Environmental Auditor and Assessor	Certificate #1070
Property Assessments and Audits	1991
➢ AHERA Certified Asbestos Inspector	1988 – Present
USEPA Asbestos Program	
➢ AHERA Project Designer	1994 – 2001
USEPA Asbestos Program	
➢ AHERA Management Planner	1988 – 1996
USEPA Asbestos Program	
➢ Hazardous Waste Site Supervisor	1991 – Present
➢ Lead Inspector Training	Certified 1995
Health and safety training for the inspection and removal of lead	
➢ Sampling and Evaluating Airborne Asbestos Dust	Certificate 1053
NIOSH 582 Certified	1989

13.0 Attachments

1. Maps and Drawings
2. Sampling Plan
3. Laboratory Analysis
4. Washington Administrative Code 173-340-900, MTCA, Method A Cleanup Levels
5. Boring Logs and Groundwater Sampling Logs
6. Equipment List

MAPS AND DRAWINGS

Attachment 1

LEGEND

- Population Center
- Major City
- State Capital
- Town, Small City
- Large City
- Interstate, Turnpike
- US Highway
- State/Prov Boundary
- National Boundary
- Interstate Highway
- US Highway
- Land Mass
- Open Water

Scale 1:3,200,000 (at center)

50 Miles

100 KM

3520 Pacific Hyw E, Fife, WA
Mag 7.00
Thu Jun 24 15:56:45 2004

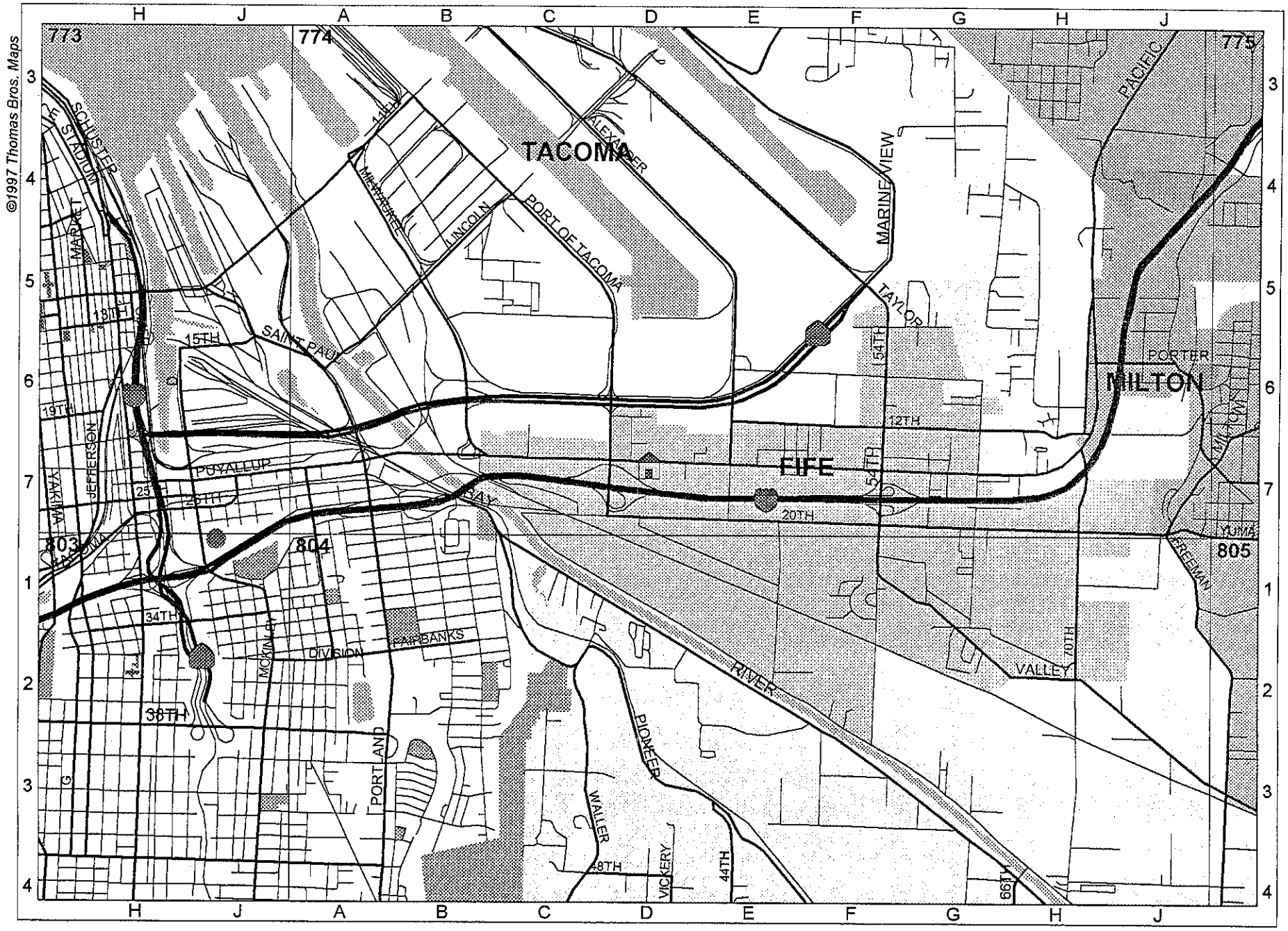

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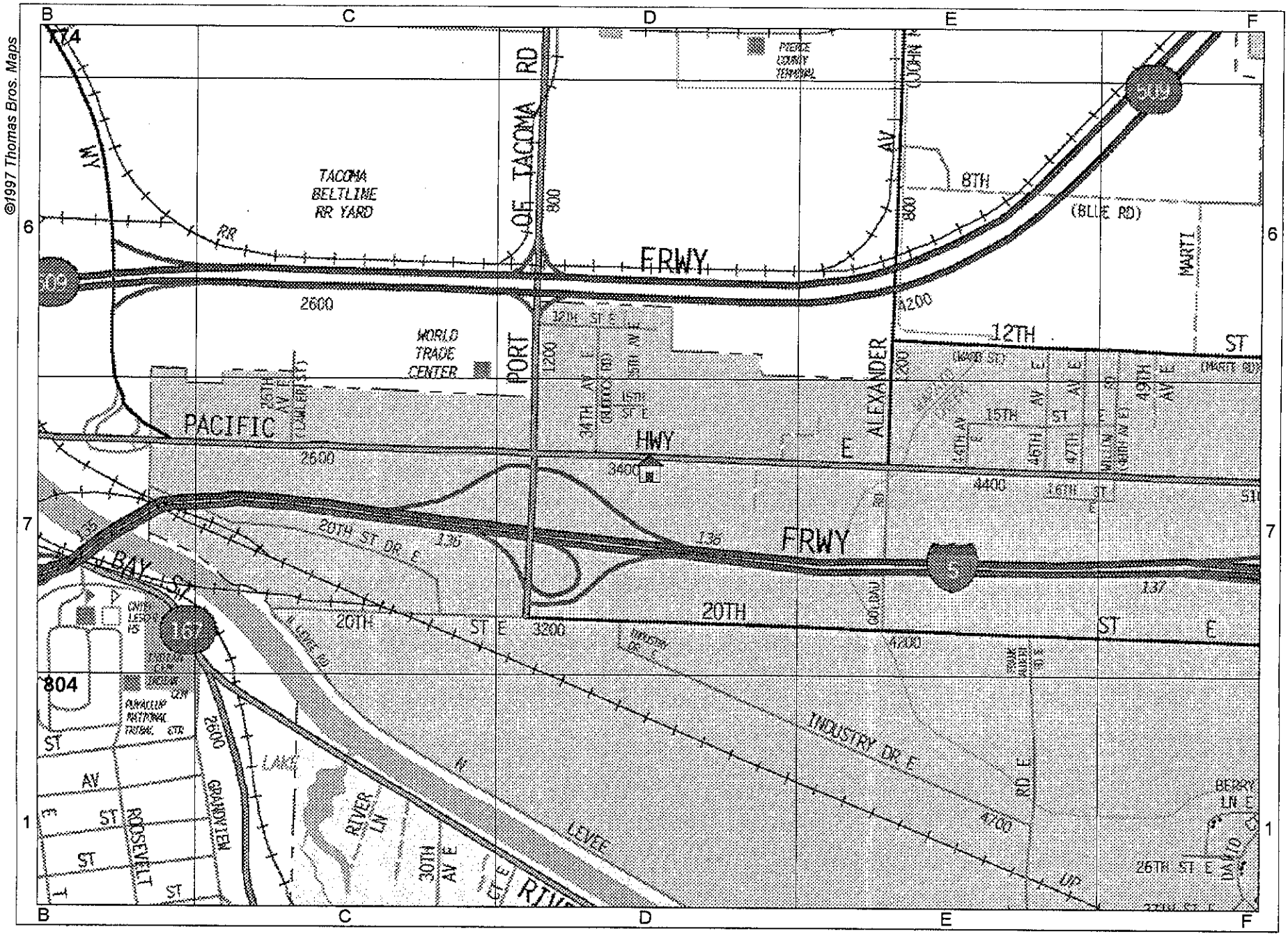

3520 E Pacific Hwy, Fife, 98424, Page & Grid 774 D7

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USGS **Fife, Washington, United States** 13 Jun 2002

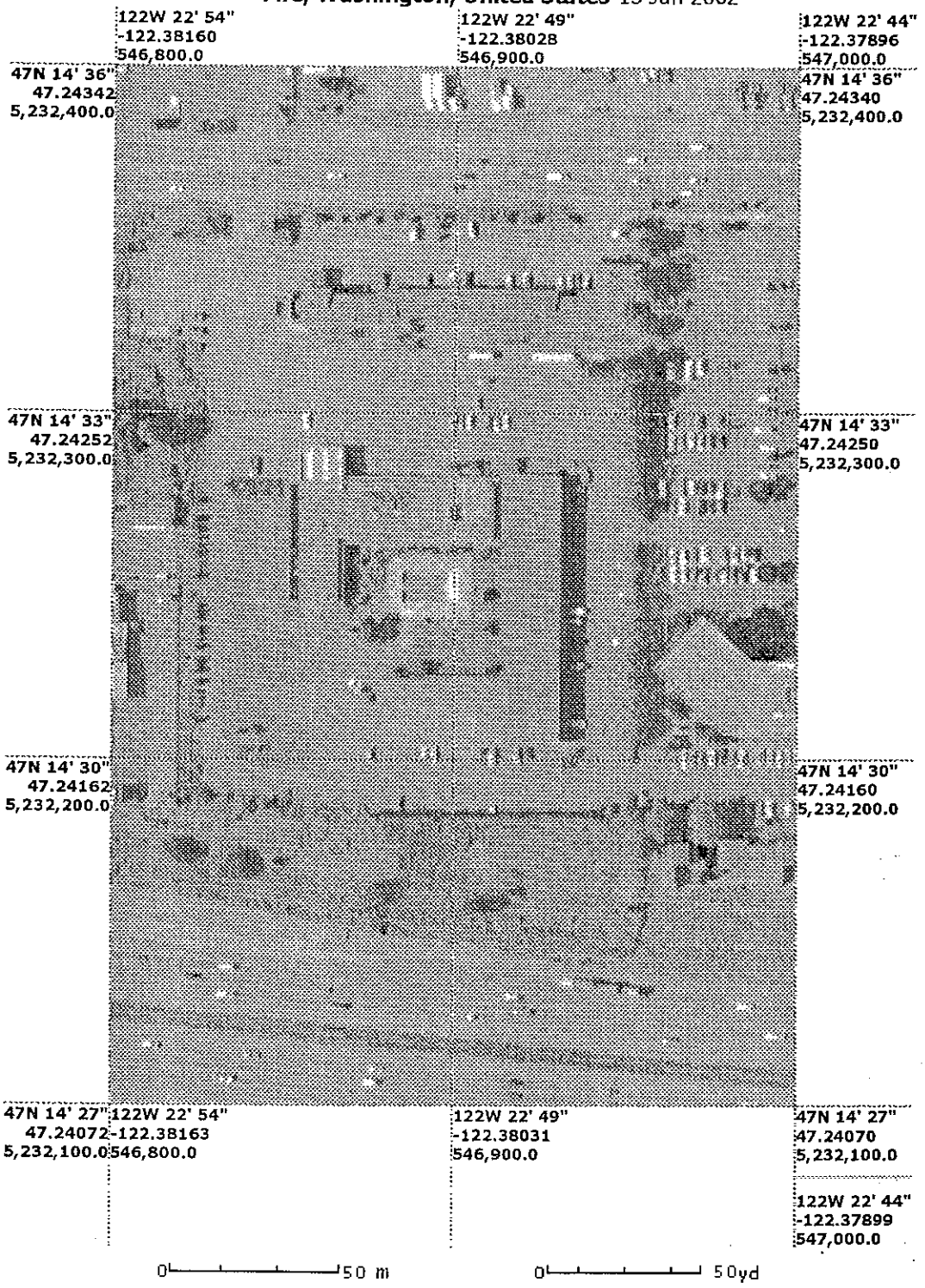

Image courtesy of the U.S. Geological Survey

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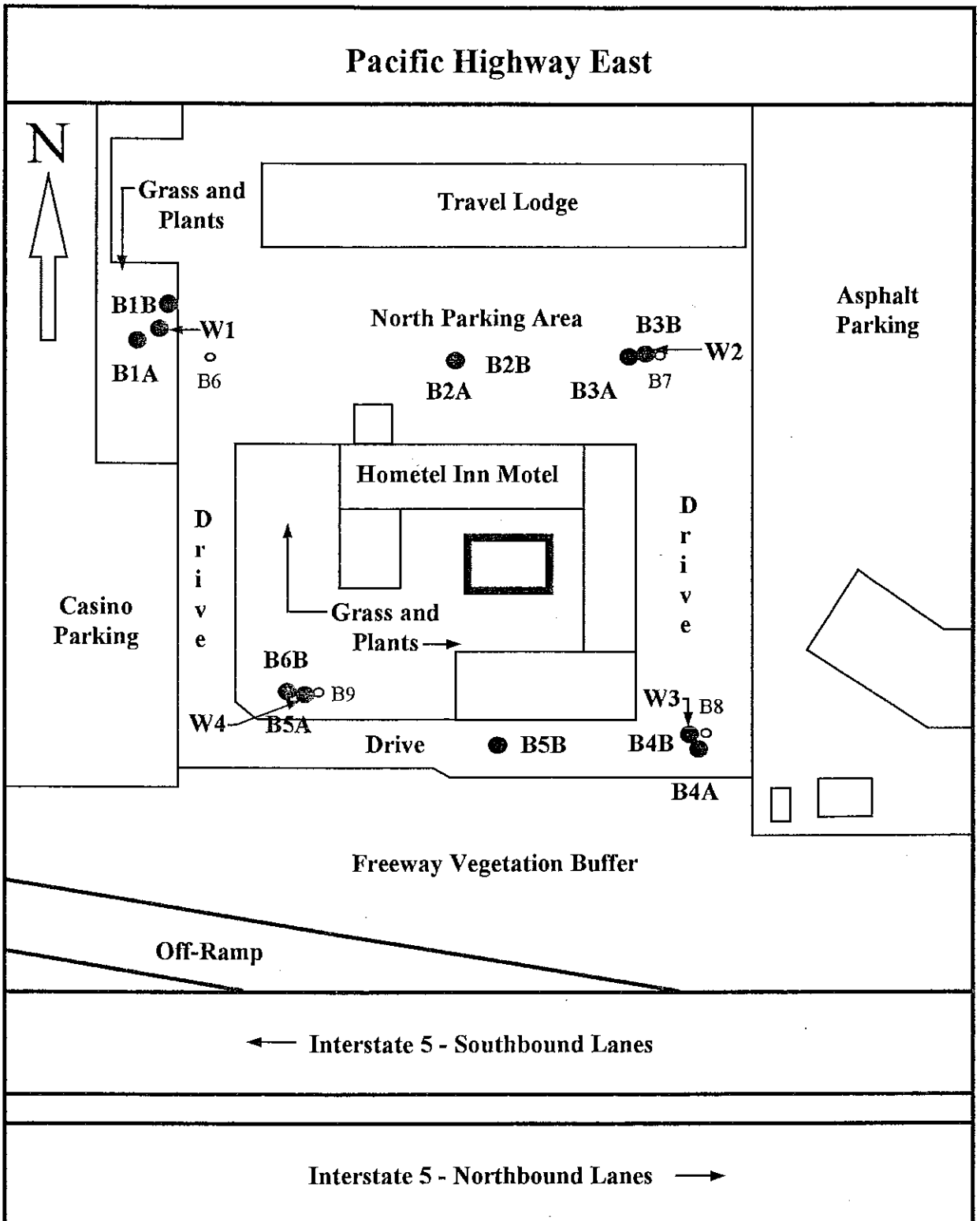

B4A-B EHC Boring and Well Locations - June, October and December 2004

B6 April 2004 Boring Location

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 12/23/2004	**Scale:** No Scale

SAMPLING PLAN

Attachment 2

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

December 15, 2004

Project: **Hometel Inn Motel**
3520 Pacific Highway East, Fife, Washington
Project #: EHC04061B
Title: Groundwater Well Installation and Monitoring

Environmental Hazards Control (EHC) will perform *Groundwater Well Installation and Monitoring* on the referenced property to evaluate site groundwater (GW) to offer recommendations for further investigation, if warranted. Based upon the history of the site (agriculture prior to 1960s and motel from 1960s to present and previous report data related to heavy metals in shallow GW), existing site conditions (site building surrounded by asphalt parking and drives and minor vegetation), EHC will install 4 wells to depth up to 8' below ground surface (bgs). The GW sampling will assist in determining at what the total and dissolved concentrations of the heavy metal arsenic are in GW.

Standard sampling protocols will be adhered to throughout the work. All well installation work and conditions will be documented on Well Logs. All GW monitoring will be documented on Groundwater Sampling Logs. Proper personal protective equipment will be donned, including disposable gloves, rubber boots, hearing protection and eye protection during the work. And, distilled water rinses will be performed on all equipment prior to and between uses.

The wells will be located in and around the perimeter (4 corners) of the subject property adjacent or near the location of previous borings

Groundwater samples will be stored in chilled coolers during all fieldwork. A laboratory chain-of-custody form will be completed and the samples will be submitted to a qualified laboratory for analysis on a "standard" turn-around basis.

Groundwater samples will be analyzed by the following methods:

- Groundwater samples:
  1. USEPA Method 6020 (Heavy metals arsenic – total and dissolved)

Our well locations have been plotted on the attached map. Final or actual well locations will be determined by subsurface conditions, i.e. utilities, buried objects, etc. Following a call to the Utilities Underground Locating Service, the various service providers will identify their respective utilities by marking paved and un-paved surface with the appropriate colored paint.

EHC Representative

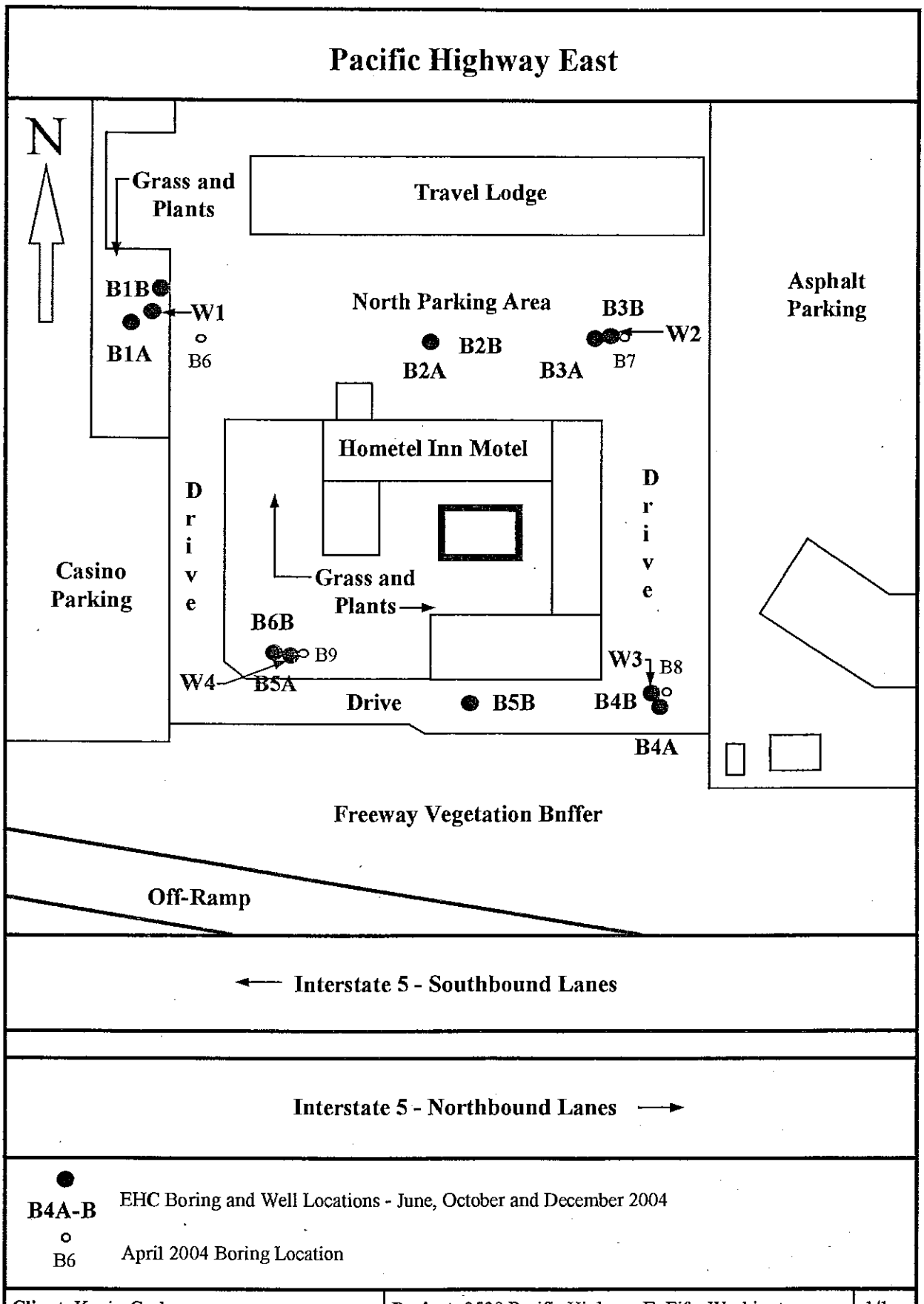

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 12/15/2004	**Scale:** No Scale

LABORATORY ANALYSIS

Attachment 3

SEVERN TRENT STL

RECEIVED 12-23-04 cEHC

STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

TRANSMITTAL MEMORANDUM

DATE: December 21, 2004

TO: Steven Salter
Environmental Hazards Control
36526-3rd Avenue S.W, Suite 101
Federal Way, WA 98023-7330

PROJECT: Hometel Inn EHC0406CB

REPORT NUMBER: 125498

TOTAL NUMBER OF PAGES: 18

Enclosed are the test results for four samples received at STL Seattle on December 17, 2004.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,

Katie Downie
Project Manager

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

STL Seattle

Sample Identification:

Lab. No.	Client ID	Date/Time Sampled	Matrix
125498-1	W1 -1	12-17-04 09:30	Liquid
125498-2	W2 -1	12-17-04 11:55	Liquid
125498-3	W3-1	12-17-04 12:50	Liquid
125498-4	W4 -1	12-17-04 13:35	Liquid

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W1 -1
Lab ID:	125498-01
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0791	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W1 -1
Lab ID:	125498-01
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W2 -1
Lab ID:	125498-02
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0611	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W2 -1
Lab ID:	125498-02
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W3-1
Lab ID:	125498-03
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0233	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W3-1
Lab ID:	125498-03
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W4 -1
Lab ID:	125498-04
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.00905	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W4 -1
Lab ID:	125498-04
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Lab ID:	Method Blank - TP817
Date Received:	-
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	1

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.0005	

STL Seattle

Lab ID:	Method Blank - DP818
Date Received:	-
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	1

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.0005	

STL Seattle

Matrix Spike Report

Client Sample ID:	121604GW1
Lab ID:	125493-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	TP817

Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Spike Amount (mg/L)	MS Result (mg/L)	MS % Rec.	Flag
Arsenic	0	4	4.08	102	

STL Seattle

Matrix Spike Report

Client Sample ID:	W1 -1
Lab ID:	125498-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	DP818

Dissolved Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Spike Amount (mg/L)	MS Result (mg/L)	MS % Rec.	Flag
Arsenic	0	4	4.01	100	

STL Seattle

Duplicate Report

Client Sample ID:	121604GW1
Lab ID:	125493-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	TP817

Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD %	Flag
Arsenic	0	0	NC	

STL Seattle

Duplicate Report

Client Sample ID:	W1 -1
Lab ID:	125498-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	DP818

Dissolved Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD %	Flag
Arsenic	0	0	NC	

STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

DATA QUALIFIERS AND ABBREVIATIONS

B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).

B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).

C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be < 40%.

C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 40%. The higher result was reported unless anomalies were noted.

C3: Second analysis confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be ≤ 30%.

C4: Second analysis confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 30%. The original analysis was reported unless anomalies were noted.

M: GC/MS confirmation was performed. The result derived from the original analysis was reported.

D: The reported result for this analyte was calculated based on a secondary dilution factor.

E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.

J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.

MCL: Maximum Contaminant Level

MDL: Method Detection Limit

RL: Reporting Limit

N: See analytical narrative

ND: Not Detected

X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be _____.

X2: Contaminant does not appear to be "typical" product.

X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.

X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.

X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.

X5: Matrix spike recovery was not determined due to the required dilution.

X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.

X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.

X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.

X8: Surrogate recovery was not determined due to the required dilution.

X9: Surrogate recovery outside advisory QC limits due to matrix interference.

ESN NORTHWEST | Environmental Services Network

125498

CHAIN-OF-CUSTODY RECORD

CLIENT: Environmental Hazards Control

ADDRESS: 31615-3rd Av SW Ste 101 Federal Way, WA 98023

PHONE: (253) 925-1060 FAX: (253) 874-6556

CLIENT PROJECT #: ENC040613 PROJECT MANAGER: SJS

DATE: 12-17-04 PAGE 1 OF 1

PROJECT NAME: Hometel Inn

LOCATION: 3520 Pac Hwy E, Fife, WA

COLLECTOR: SJ Salter DATE OF COLLECTION 12-17-04

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	As: Total	As: Dissolved	NOTES	Total Number of Containers	Laboratory Note Number
1. W1-1		0930	W	Plastic																	X	X		Unfiltered	2	
2. W2-1		1155	W																		X	X		Unfiltered	2	
3. W3-1		1250	W																		X	X		Unfiltered	2	
4. W4-1		1335	W																		X	X		Unfiltered	2	
5.																										
6.																										
7.																										
8.																										
9.																										
10.																										
11.																										
12.																										
13.																										
14.																										
15.																										
16.																										
17.																										
18.																										

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	12-17-04 1423	[signature]	12/17/04 1423
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

Filter for Dissolved. No Preservative

Turn Around Time: 24 HR 48 HR 5 DAY

WASHINGTON ADMINISTRATIVE CODE 173-340-900
MTCA, METHOD A CLEANUP LEVELS

Attachment 4

Table 720-1
Method A Cleanup Levels for Ground Water.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	5 ug/liter[b]
Benzene	71-43-2	5 ug/liter[c]
Benzo(a)pyrene	50-32-8	0.1 ug/liter[d]
Cadmium	7440-43-9	5 ug/liter[e]
Chromium (Total)	7440-47-3	50 ug/liter[f]
DDT	50-29-3	0.3 ug/liter[g]
1,2 Dichloroethane (EDC)	107-06-2	5 ug/liter[h]
Ethylbenzene	100-41-4	700 ug/liter[i]
Ethylene dibromide (EDB)	106-93-4	0.01 ug/liter[j]
Gross Alpha Particle Activity		15 pCi/liter[k]
Gross Beta Particle Activity		4 mrem/yr[l]
Lead	7439-92-1	15 ug/liter[m]
Lindane	58-89-9	0.2 ug/liter[n]
Methylene chloride	75-09-2	5 ug/liter[o]
Mercury	7439-97-6	2 ug/liter[p]
MTBE	1634-04-4	20 ug/liter[q]
Naphthalenes	91-20-3	160 ug/liter[r]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB mixtures		0.1 ug/liter[s]
Radium 226 and 228		5 pCi/liter[t]
Radium 226		3 pCi/liter[u]
Tetrachloroethylene	127-18-4	5 ug/liter[v]
Toluene	108-88-3	1,000 ug/liter[w]
Total Petroleum Hydrocarbons[x] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		

Gasoline Range Organics		800 ug/liter
Benzene present in ground water		1,000 ug/liter
No detectable benzene in ground water		
Diesel Range Organics		500 ug/liter
Heavy Oils		500 ug/liter
Mineral Oil		500 ug/liter
1,1,1 Trichloroethane	71-55-6	200 ug/liter[y]
Trichloroethylene	79-01-6	5 ug/liter[z]
Vinyl chloride	75-01-4	0.2 ug/liter[aa]
Xylenes	1330-20-7	1,000 ug/liter[bb]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for drinking water beneficial uses at sites undergoing routine cleanup actions or those sites with relatively few hazardous substances. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table should not automatically be used to define cleanup levels that must be met for financial, real estate, insurance coverage or placement, or similar transactions or purposes. Exceedances of the values in this table do not necessarily mean the ground water must be restored to those levels at all sites. The level of restoration depends on the remedy selected under WAC 173-340-350 through 173-340-390.

b **Arsenic.** Cleanup level based on background concentrations for state of Washington.

c **Benzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

d **Benzo(a)pyrene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk. If other carcinogenic PAHs are suspected of being present at the site, test for them and use this value as the total concentration that all carcinogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8).

e **Cadmium.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.62).

f **Chromium (Total).** Cleanup level based on concentration derived using Equation 720-1 for hexavalent chromium. This is a total value for chromium III and chromium VI. If just chromium III is present at the site, a cleanup level of 100 ug/l may be used (based on WAC 246-290-310 and 40 C.F.R. 141.62).

g **DDT (dichlorodiphenyltrichloroethane).** Cleanup levels based on concentration derived using Equation 720-2.

h **1,2 Dichloroethane (ethylene dichloride or EDC).** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

i **Ethylbenzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

are #6 fuel oil, bunker C oil, hydraulic oil and waste oil. The cleanup level is based on protection from noncarcinogenic effects during drinking water use, assuming a product composition similar to diesel fuel. The ground water cleanup level for any carcinogenic components of the petroleum [such as benzene, PAHs and PCBs] and any noncarcinogenic components [such as ethylbenzene, toluene, xylenes and naphthalenes], if present at the site, must also be met. See Table 830-1 for the minimum testing requirements for heavy oil releases.

Mineral oil means non-PCB mineral oil, typically used as an insulator and coolant in electrical devices such as transformers and capacitors measured using NWTPH-Dx. The cleanup level is based on protection from noncarcinogenic effects during drinking water use. Sites using this cleanup level must analyze ground water samples for PCBs and meet the PCB cleanup level in this table unless it can be demonstrated that: (1) The release originated from an electrical device manufactured after July 1, 1979; or (2) oil containing PCBs was never used in the equipment suspected as the source of the release; or (3) it can be documented that the oil released was recently tested and did not contain PCBs. Method B (or Method C, if applicable) must be used for releases of oils containing greater than 50 ppm PCBs. See Table 830-1 for the minimum testing requirements for mineral oil releases.

y **1,1,1 Trichloroethane.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

z **Trichloroethylene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

aa **Vinyl chloride.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk.

bb **Xylenes.** Cleanup level based on xylene not exceeding the maximum allowed cleanup level in this table for total petroleum hydrocarbons and on prevention of adverse aesthetic characteristics. This is a total value for all xylenes.

Table 740-1
Method A Soil Cleanup Levels for Unrestricted Land Uses.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	20 mg/kg[b]
Benzene	71-43-2	0.03 mg/kg[c]
Benzo(a)pyrene	50-32-8	0.1 mg/kg[d]
Cadmium	7440-43-9	2 mg/kg[e]
Chromium		
Chromium VI	18540-29-9	19 mg/kg[f1]
Chromium III	16065-83-1	2,000 mg/kg[f2]
DDT	50-29-3	3 mg/kg[g]
Ethylbenzene	100-41-4	6 mg/kg[h]
Ethylene dibromide (EDB)	106-93-4	0.005 mg/kg[i]
Lead	7439-92-1	250 mg/kg[j]

Lindane	58-89-9	0.01 mg/kg[k]
Methylene chloride	75-09-2	0.02 mg/kg[l]
Mercury (inorganic)	7439-97-6	2 mg/kg[m]
MTBE	1634-04-4	0.1 mg/kg[n]
Naphthalenes	91-20-3	5 mg/kg[o]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB Mixtures		1 mg/kg[p]
Tetrachloroethylene	127-18-4	0.05 mg/kg[q]
Toluene	108-88-3	7 mg/kg[r]
Total Petroleum Hydrocarbons[s] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		
Gasoline Range Organics		
Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture		100 mg/kg
All other gasoline mixtures		30 mg/kg
Diesel Range Organics		2,000 mg/kg
Heavy Oils		2,000 mg/kg
Mineral Oil		4,000 mg/kg
1,1,1 Trichloroethane	71-55-6	2 mg/kg[t]
Trichloroethylene	79-01-6	0.03 mg/kg[u]
Xylenes	1330-20-7	9 mg/kg[v]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for sites undergoing routine cleanup actions or for sites with relatively few hazardous substances, and the site qualifies under WAC 173-340-7491 for an exclusion from conducting a simplified or site-specific terrestrial ecological evaluation, or it can be demonstrated using a terrestrial ecological evaluation under WAC 173-340-7492 or 173-340-7493 that the values in this table are ecologically protective for the site. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table

BORING LOGS
and
GROUNDWATER SAMPLING LOGS

Attachment 5

ENVIRONMENTAL HAZARDS CONTROL

Project: Hamilton Inn	Project #: ENCONWIB
Address: 3520 Pacific Hwy E, Fife, WA	Well/Test Pit #: W1
	Date: 12-16-04
Client: Kevin Cole	EHC Rep: JTS

Ft.	Soil Description	GW				Well: As-Built Design
1		.5'				
2						
3						
4						
5						
6						
7						
8						
9						
10						

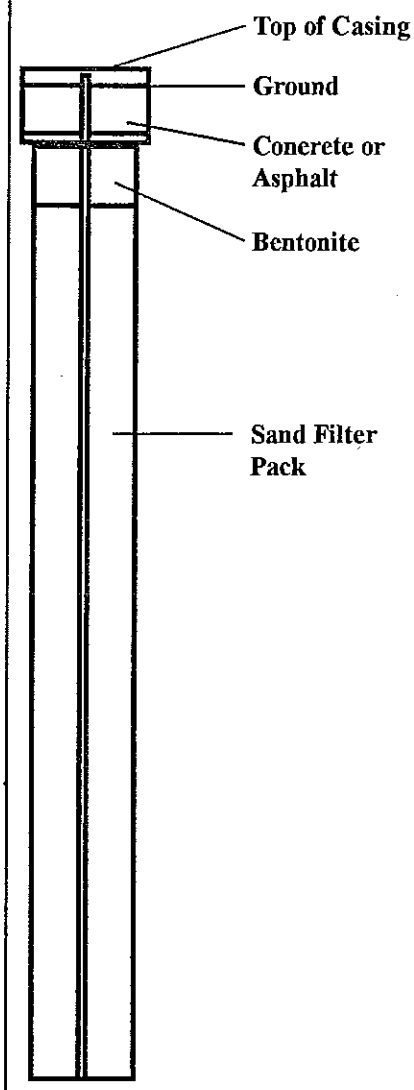

Legend/Notes:

GW = 0.5'
Screen: 1'-6'

WDOE Well #: AKA437

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn
Address: 3520 Pacific Hwy E
Fife, WA
Client: Kevin Cook

Project #: EN04041B
Well/Test Pit #: W2
Date: 12-14-04
EHC Rep: JTS

Ft.	Soil Description	GW
1		
2		1.9'
3		
4		
5		
6		
7		
8		
9		
10		

Well: As-Built Design

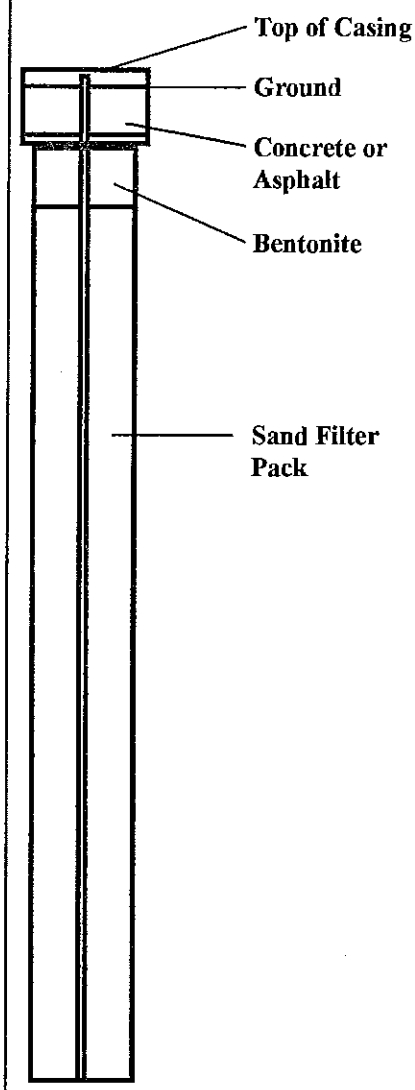

Legend/Notes:
GW = 1.9'
Screen = 3'-9'

WDOE Well #:
AKA438

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn	Project #: ENC 040413
Address: 3520 Pacific Hwy E	Well/Test Pit #: W3
Fife, WA	Date: 12-16-04
Client: Kevin Crook	EHC Rep: SJS

Ft.	Soil Description	GW				Well: As-Built Design
1						
2						
3		2.8'				
4						
5						
6						
7						
8						
9						
10						

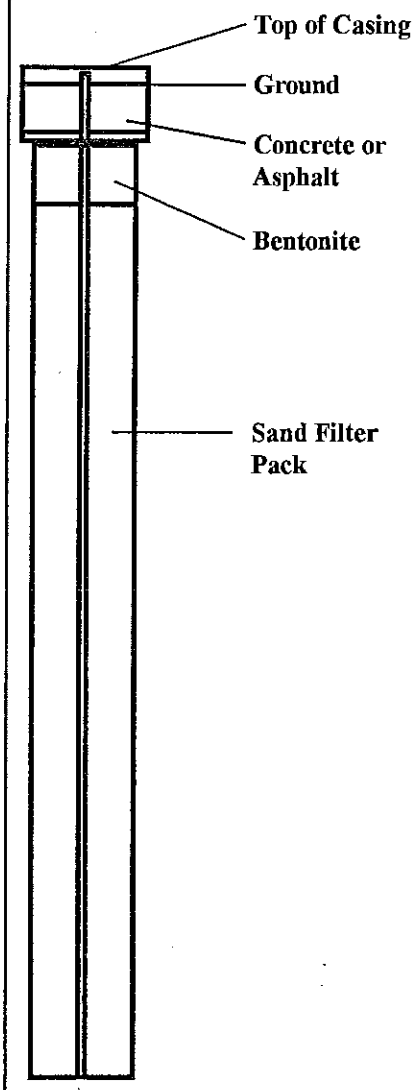

Legend/Notes:

GW @ 2.8'
Screen: 2'-7'

WDOE Well # AKA439

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn	Project #: ENC04013
Address: 3520 Pacific Hwy E	Well/Test Pit #: W4
Fife, WA	Date: 12-18-04
Client: Kevin Call	EHC Rep: JTS

Ft.	Soil Description	GW	Well: As-Built Design
1			
2		2.2'	
3			
4			
5			
6			
7			
8			
9			
10			

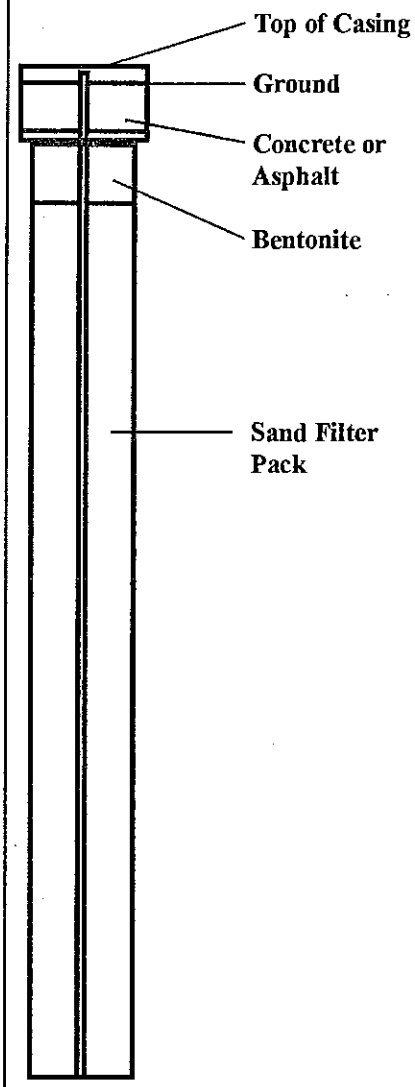

Legend/Notes:

GW @ 2.2'
Screen @ 3'-9'

WDOE Well #
AKA440

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

GROUNDWATER SAMPLING LOG

Sample #	W1-1	Project #	ENCONOR13	Date	12-17-04
Location	NW CORNER OF SITE			Time	0939
Personnel	STS	Weather	OVERCAST & 44°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	6'	Reference Surface	TOM
Depth to Water Table	0.95	Photoionization Detector Reading	NA
Height of Water Column	5.15'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.10	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment	GRAVITY PUMP / SCALING & TUBE		

Groundwater Quality Data

Color	LT BROWN	Odor	NONE	Appearance	CLOUDY

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.30	0.60	1.0		
Temperature C	10.2	10.6	10.5	10.5		
pH	6.94	6.74	6.75	6.75		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

TOM = TOP OF MONUMENT

NA = NOT ANALYZED

ND = NONE DETECTED

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
36526-3rd Avenue SW, Ste 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060
www.envirohazardscontrol.com

GROUNDWATER SAMPLING LOG

Sample #	W2-1	Project #	EH04013	Date	12-17-04
Location	NE Corner of Site			Time	1155
Personnel	SJS	Weather	Overcast & 44°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	8'	Reference Surface	TOM
Depth to Water Table	1.95'	Photoionization Detector Reading	NA
Height of Water Column	6.05'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.12	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment	Gravity Pump / Bailing & Tube		

Groundwater Quality Data

Color	Lt. Brown	Odor	None	Appearance	Cloudy

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.30	0.60	1.0		
Temperature C	10.7	10.9	10.9	10.9		
pH	6.58	6.68	6.70	6.7		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
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GROUNDWATER SAMPLING LOG

Sample #	W3-1	Project #	ENCO40618	Date	12-17-04
Location	SE Corner of Site			Time	1250
Personnel	SJS	Weather	Overcast & 45°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	7'	Reference Surface	TOM
Depth to Water Table	1.6'	Photoionization Detector Reading	NA
Height of Water Column	5.4'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.11	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment	Gravity Pump / Bailing & Tube		

Groundwater Quality Data

Color	Lt. Brown	Odor	None	Appearance	Cloudy

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.30	0.60	1.0		
Temperature C	10.1	10.0	10.0	10.1		
pH	6.78	6.79	6.75	6.75		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
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Seattle: (253) 874-6556 Tacoma: (253) 925-1060
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GROUNDWATER SAMPLING LOG

Sample #	W4-1	Project #	ENCOWOLIB	Date	12-17-04
Location	SW Corner of Site			Time	1335
Personnel	SJS	Weather	Overcast & 45°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	8'	Reference Surface	TOM
Depth to Water Table	2.5'	Photoionization Detector Reading	NA
Height of Water Column	5.5'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.11	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment			

Groundwater Quality Data

Color	Lt. Brown	Odor	None	Appearance	Cloudy

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.3	0.6	1.0		
Temperature C	10.9	10.9	11.0	11.0		
pH	6.75	6.74	6.70	6.70		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
36526-3rd Avenue SW, Ste 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060
www.envirohazardscontrol.com

EQUIPMENT LIST

Attachment 6

Equipment List

Attachment 6

The following is a list of equipment used by EHC during the *Groundwater Well Installation and Monitoring* work at 3520 Pacific Highway East, Fife, Washington.

1. Orion Model 230A pH and Temperature Meter (calibrated prior to use)
2. Disposable coveralls
3. Disposable latex gloves
4. Rubber boots
5. Hearing protection (ear plugs)
6. Distilled/de-ionized water (2 gallons)
7. Trisodium phosphate
8. Paper towels
9. Utility knife
10. Measuring tapes (25' and 300')
11. Flash light
12. Tools kit (ratchet, sockets, Allen wrenches, pliers, screw drivers, etc.)
13. 4 ounce glass jars
14. Poly bottles (non-preserved)
15. Cooler with chill packs
16. Temperature gauge for cooler
17. Hand wipes (unscented)
18. Numerous orange cones for directing traffic and cordoning off work areas
19. Department of Transportation approved sign indicating "Road Work Ahead"

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite No.210
Seattle, Washington 98168
(360)710-5899

2916 NW Bucklin Hill Road, Suite No.126
Silverdale, Washington 98383
(866) 800-4030

512 W. International Airport Road, Suite
No.201Anchorage, Alaska 99518

5319 SW Westgate Dr., Suite No.24
Portland, Oregon 97221

November 16, 2018

Adam Harris
Washington State Department of Ecology
Southwest Regional Office Toxics Cleanup Program
PO Box 47775
Olympia, Washington 98504-7775

SUBJECT **Remedial Investigation Report**
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

VCP Coordinator,

At the request of Chris LaVerdiere, Aerotech Environmental Consulting, Inc. ("Aerotech") has prepared the enclosed *Remedial Investigation* which summarizes environmental investigation activities to date. As described in the enclosed report, Aerotech plans to use this report to facilitate access with adjacent parcels and requests an opinion from the Washington State Department of Ecology regarding the investigations completed to characterize the historical release according to the substantive requirements of the MTCA.

Aerotech and Mr. Chris LaVerdiere, appreciate your assistance in the matter. Please do not hesitate to contact me or Nick Gerkin at 206-257-4211 with any questions regarding the Site.

Sincerely,

Justin Foslien
Licensed Geologist WA #2504
Email: justin@dirtydirt.us

ENCLOSURE
Aerotech 's *Remedial Investigation*, dated November 9, 2018

REMEDIAL INVESTIGATION

Performed at:
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

AEROTECH
Environmental Consulting Inc.

November 9, 2018

Anchorage Seattle Portland

Cost-effective environmental solutions
for the western United States and Alaska

www.AerotechEnvironmental.com

REMEDIAL INVESTIGATION

Performed at:
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

November 9, 2018

Performed by:

AEROTECH Environmental Consulting Inc.
13925 Interurban Avenue South, Suite No. 210
Seattle, Washington 98168
Fax (206) 402-3872
(866) 800-4030
www.AeroTechEnvironmental.com

Remedial Investigation Report

Report Version: Revision 1

Site Name:	Fife RV Center
Site Address:	3410 Pacific Highway East Fife, Washington 98404
Alternate Location Info:	Pierce County, Washington Parcel Number: 0320111067

Ecology Facility Site ID No.:	7907
Cleanup Site No.:	13173
Voluntary Cleanup Program Project No.:	SW1565

Prepared By:
Justin Foslien
Aerotech Environmental Technology Inc.
13925 Interurban Ave South Suite 210
Seattle, Washington 98168

Prepared For:
Chris LaVerdiere
3410 Pacific Highway East
Fife, Washington 98404

Signature:

Date: 11/16/18

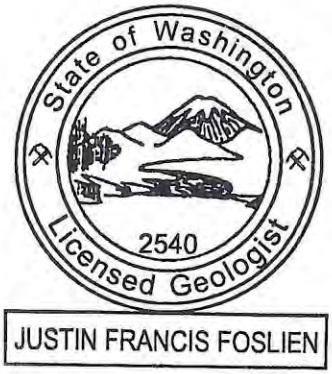

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ACRONYMS AND ABBREVIATIONS

AMSL	Above Mean Sea Level
Aerotech	Aerotech Environmental Consulting, Inc
AESI	Associated Earth Sciences, Inc
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
bgs	below ground surface
cPAHs	Carcinogenic Polycyclic Aromatic Hydrocarbons
COC	Contaminant/Chemical of Concern
CSCSL	Confirmed and Suspected Contaminated Sites List
CSID	Cleanup Site Identification number
CSM	Conceptual Site Model
CUL	Clean-up Levels
DOT	Department of Transportation
Ecology	Washington State Department of Ecology
FSID	Facility Site Identification Number
HVOCs	Halogenated Volatile Organic Compounds
Langseth	Langseth Environmental Services, Inc
MTCA	Model Toxics Control Act
PID	Photoionization Detector
PCBs	Polychlorinated Biphenyls
PVC	Polyvinyl Chloride
RI	Remedial Investigation
TEE	Terrestrial Ecological Evaluation
TPH	Total Petroleum Hydrocarbon
TPHg	Total Petroleum Hydrocarbon – Gasoline Range
TPHd	Total Petroleum Hydrocarbon – Diesel Range
TPHo	Total Petroleum Hydrocarbon – Heavy Oil Range
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
WAC	Washington State Administrative Code

EXECUTIVE SUMMARY

The subject Property consists of one irregularly-shaped 3.76-acre Parcel of commercial land located on the south side of Pacific Highway East in Fife, Washington. One approximately 10,763 square foot, 2-story structure, occupied by *Fife RV Center,* is situated near the southeastern corner of the Property. Asphalt parking areas surround the structure on all sides and are utilized to display RVs. A 0.77-acre gravel parking lot utilized to store RVs, and the subject of this investigation, is situated on the west side of the Property.

Adjoining to the south is a drainage ditch that appear to discharge to the east, followed by Interstate 5. The neighboring Parcel to the east includes approximately 5.24 acres, currently leased by the Fife RV Center for use as additional storage. The Puyallup River approaches the Site within 3,000 feet to the southwest, and the Blair Waterway and Commencement Bay are located over 4,000 feet to the north.

Formerly included within the same Parcel, and now adjoining to the north, is a Tahoma Express Gas Station and a Jack in the Box restaurant followed by Pacific Highway East and an *Econolodge.* The Tahoma Express Gas Station was listed on Ecology's Site Cleanup List as Site No. 5015. Petroleum hydrocarbons were documented at the Tahoma site prior to remediation, at concentrations above the State Cleanup Levels in soil and groundwater. Ecology issued a No Further Action determination for that site in 1993.

From the mid 1960's to the late l980's a *Gasamet Gasoline Station* occupied the western portion of the western gravel paved lot on the Subject Property and the southern portion of the Jack in the Box Property. Fuel dispenser islands were located south and east of the eastern terminus of the current restaurant drive-thru, with Underground Storage Tank Basins situated both to the east and west, and a building farther south. A triangular-shaped wooded water retention area (Bio-Swale) is located at the west side of the Site. In 2014, *Associated Earth Sciences,* Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Petroleum hydrocarbons were detected at concentrations above the Model Toxic Control Act ("MTCA") Method A Clean-up Levels (CULs) in soil and groundwater samples in the vicinity of the former *Gasamet* pump islands and UST Basins. Based on these results, Mr. Chris LaVerdiere, requested *Langseth Environmental* ("Langseth") *and Aerotech Environmental Consulting, Inc.* ("Aerotech") initiate site remedial excavation and environmental consulting services to address petroleum impacted soils.

In 2014, *Associated Earth Sciences,* Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Petroleum hydrocarbons were detected at concentrations above the MTCA Method A CULs in soil and groundwater samples in the vicinity of the former *Gasamet* pump islands and UST Basins. Based on these results, Mr. Chris LaVerdiere, requested *Langseth Environmental* ("Langseth") *and Aerotech Environmental Consulting, Inc.* ("Aerotech") initiate site remedial excavation and environmental consulting services to address petroleum impacted soils.

1,685.24 tons of petroleum impacted soil were removed in late 2016. The first six groundwater monitoring wells were installed immediately thereafter, followed by monitoring wells (MW7, MW8, and MW9) in July of 2017.

Soil and Groundwater:

Analytical data collected during the July 2018 site assessment indicate that groundwater and soil contain concentrations above MTCA Method A CULs exist along the northern Fife RV Center property shared with Jack in the Box. Soil borings B6-B9 advanced along the fenced property line indicated the extent of soil and groundwater impacted by petroleum related hydrocarbons extends into the Jack in the Box parcel immediately to the north.

A soil sample collected from soil boring B3 at the southwestern property boundary also contained concentrations of TPHg and benzene above MTCA Method A CULs. Groundwater samples collected from monitoring well MW12 have also contained concentrations of benzene above MTCA Method A CULs. Additional investigation in necessary to define the Site toward the WSDOT right of way associated with the Interstate 5 Off-Ramp.

1. INTRODUCTION

The purpose of this Remedial Investigation ("RI") is to characterize the nature and extent of contamination at the Site. Aerotech Environmental Technology, Inc ("Aerotech") was retained by Mr. Chris LaVerdiere of Fife RV Center to summarize the work completed at the Site and obtain an opinion from the VCP regarding the substantive requirements of the MTCA.

Under MTCA, 173-340-200 Washington Administrative Code ("WAC") the Site is defined by the nature and extent of contamination associated with one or more releases of hazardous substances prior to any cleanup of the contamination. Aerotech has completed several investigations to define the Site based on previous release of petroleum hydrocarbons; however, the data indicates petroleum related compounds exist beyond the parcel boundaries. Furthermore, it appears more than one source may be contributing to the existing plume with soil and groundwater from an adjacent property parcel, as historically the parcel was subdivided from a larger parcel when the release occurred. It is Aerotech's intent to utilize the information summarized in this report to facilitate access on adjacent properties to ultimately define the nature and extent of the Site.

1.1. GENERAL SITE INFORMATION

Site Name:	Fife RV Center
Site Address:	3410 Pacific Highway East Fife, Washington 98424
Facility Site Identification number (FSID):	35644949
Cleanup Site Identification number (CSID):	8853
Voluntary Cleanup Program (VCP):	SW1565
Project Consultant:	Aerotech Environmental Consulting, Inc.
Project Consultant Contact Information:	Nick Gerkin 13925 Interurban Avenue South, Suite No. 210 Seattle, Washington 98168 (206) 482-2287 nick@dirtydirt.us
Property Owner:	Chris LaVerdiere 3410 Pacific Highway East Fife, Washington 98424 (253) 284-6608 chrisl@fifervcenter.com

1.2. SITE LOCATION/DEFINITION

The subject Property (3410 Pacific Highway East; Parcel # 0320111067) is comprised of one irregularly-shaped 3.76-acre Parcel, located on the south side of Pacific Highway East in Fife, Washington (Figures 1 & 2). One building, occupied by Fife RV Center, is situated on the southeastern comer of the Property. It is an approximately 10,763 square foot, 2-story structure with the main entrance to the north. An approximately 1,000 square foot, one-story structure is situated northeast of the main building along the eastern property boundary. Asphalt parking areas surround the structure on

all sides and are utilized for the storage and showing of the RV inventory. On the west side of the parcel lies an approximately 0.77-acre vacant gravel parking lot, used to store recreational vehicle ("RV") inventory.

The Property is situated between Blair Waterway (leading to Commencement Bay), which is approximately 4,000 feet to the north and the Puyallup River, which is located 3,000 feet to the southwest and flows to the northwest into Commencement Bay.

The MTCA site (Site) is defined by the extent of release to soil as petroleum related hydrocarbons associated with the former *Gasamet Gasoline Station* previously located on the *Fife RV Center* and *Jack in the Box* parcels. The entire extent of the MTCA Site Boundary is unknown currently. The boundary at least extends to the parcel boundary on the west along the I-5 off ramp and to the north, where based on existing soil data extends north into the parcel currently occupied by *Jack in the Box*.

1.2.1. SURROUNDING AREA DESCRIPTION:

Surrounding areas include a drainage area to the south with Interstate 5 adjoining beyond (Figure 3). The neighboring Parcel to the east (3520 Pacific Highway East; Parcel # 0320111049) includes approximately 5.24 acres which is leased by *Fife RV Center* for use as additional storage. Formerly included with this Parcel before being subdivided in 2004, situated along Pacific Highway East to the north, is a Travelodge (3518 Pacific Highway East; Parcel # 0320024106). This Parcel is listed on Washington State Department of Ecology ("Ecology") Voluntary Cleanup Program List as Site No. SW0601 and is known as *Homotel*. It has been confirmed to contain petroleum products and metals at concentrations above the State Cleanup Levels in soil and in groundwater.

Pacific Highway East, followed by an *Econolodge*, are adjoining the subject Property to the north (Figure 3). Formerly included within the same Parcel as the subject Property is a *Tahoma Express Gas Station* (3408 Pacific Highway East; Parcel # 0320024105) and a *Jack in the Box* (3402 Pacific Highway East; Parcel # 0320024104) adjoin to the west (north of excavation area) followed by the Port of Tacoma Road. The *Tahoma Express Gas Station* was listed on Ecology's Site Cleanup List as Site No. 5015. The Ecology Database lists the site as formerly having petroleum hydrocarbons at concentrations above the State Cleanup Levels in soil and groundwater. The site received a No Further Action determination from Ecology in 1993. A drainage area is located off-Property to the southwest with Interstate 5 beyond.

1.2.2. PHYSIOGRAPHIC SETTING/TOPOGRAPHY

The precise Property location is N 47° 14' 34.44" / W 122° 22' 58.80" as determined by Delorme mapping data. The Site elevation is approximately 9 to 12 feet above mean sea level ("AMSL"). As observed during Site visits and confirmed on the USGS topographic map, the subject Property is relatively flat (Figure 4). As is commonly the case in low-lying areas near sea level, many roads and properties appear to be elevated several feet above the original grade. Evidence of the original grade may be seen in the decrease in elevation evident north of Pacific Highway East, north of the subject Property. A ditch is located a few tens of feet south of the Property adjoining to the south. A second ditch is located east of the property adjoining to the east. The field west of the subject Property slopes markedly to the level of the ditch to the south. Pacific Avenue East is elevated approximately two feet above the Site.

Slopes in the vicinity of the Site descend to the southwest towards the Puyallup River. The elevation of the parcel north of Pacific Highway East (*Econolodge*) is approximately that of the subject Parcel, 11 feet above mean sea level ("MSL"), however, Pacific Highway East itself is approximately 4 feet above that. The topography slopes steadily in a southerly direction from Pacific highway East towards the subject Parcel until the local topographic low, 4 feet above MSL at the drainage area southwest of the Site.

The regional topography within the Commencement Bay tidal flats is that of the nearly planar surface generated by the placement of artificial fill material in the later decades of the nineteenth century and the early years of the twentieth century. Elevations on ridges over one mile to the south increase to more than 200 feet AMSL, at the northernmost margins of the south Tacoma upland area.

1.3. SITE HISTORY

The subject Property was originally developed prior to 1940 for agricultural use on deltaic and alluvial plains near the margins of the Commencement Bay. A private residence and a barn or garage structure were present on the property to the south, property once a part of a larger parcel of land including the Site. A *Gasamet Gasoline Station* and store were constructed in 1964 and appear to have been located on both the current *Fife RV Center* and *Jack in the Box* properties. The gasoline station operated until 1987 and then was demolished and replaced in 1987 and 1988 by the existing structures, leased by Unocal and Sac's Deli, then Shell, Chevron and now the *Tahoma Express Gas Station*.

Four 8,000-gallon underground fuel storage tanks were reportedly removed from the former *Gasamet Gasoline Station* property to the south, and two 12,000-gallon underground fuel storage tanks were installed beneath a concrete pad west of the new fuel pump islands on the *Tahoma Express Gas Station*. Petroleum impacted soil was discovered in 1990, after which the service station was closed for two years while Unocal performed investigations and remediation of both soil and groundwater. Two existing tanks were removed, clean soil closure samples were collected, and two double walled steel-clad fiberglass replacement tanks were installed. In a letter issued by the State of Washington Department of Ecology, dated August 16, 1993, cleanup was characterized as complete; the letter states that no further action is required with regard to Unocal's participation in the state Independent Remedial Action Program, and that this opinion applied solely to the documented release associated with the tank system operated by Unocal between 1987 and 1990. The service station was reopened as a Shell branded gasoline retail facility in 1994, and Chevron in 1996.

The historical petroleum hydrocarbon release of focus in this RI, is associated with a Gasamet gasoline station occupied the western portion of the western gravel paved lot from the mid 1960's to the late 1980's on the *Fife RV Center* and *Jack in the Box* properties. Fuel dispenser islands were located south and southeast of the eastern terminus of the current restaurant drive-thru, with Underground Storage Tank Basins situated both to the east and west, and a building farther south. A triangular-shaped wooded water retention area ("Bio-Swale") is located to the west. Test pit exploration conducted in 2000 indicated strong petroleum odor in soil both south and southeast of the current *Jack in the Box* restaurant location, the bio-swale area, and the adjoining gravel lot.

1.4. PREVIOUS SITE ASSESSMENT

In October 2013, Associated Earth Sciences, Inc. ("AESI") conducted a Phase I Environmental Site Assessment at the subject Property, now called Fife RV Center, located at 3410 Pacific Highway East in Fife, Washington. Within the Phase I, they state that a *Gasamet Gasoline Station* operated at the northwest corner of the Property from the 1960s through the 1980s, and that the Property was listed on the Washington State Department of Ecology ("Ecology") CSCSL list for a petroleum release and arsenic release in the groundwater. Arsenic was determined not to be a contaminant of concern. A separate, remediated release was discovered at the northeast adjoining Chevron fueling station (which received a No Further Action designation from Ecology in 1993) (AESI, 2014).

In December 2013, AESI observed a geophysical survey consisting of electromagnetism and ground-penetrating radar. No abandoned underground storage tanks ("USTs") or former UST basins were discovered from the survey.

The following day, AESI observed the advancement of ten direct push borings: nine to a depth of 10 feet bgs, with EB6 to 15 feet bgs. Soil samples were collected at every borehole, and analyzed for TPHg, TPHd, TPHo, and BTEX. The samples were passed through a silica-gel column prior to analyses of TPHd and TPHo. Select samples from EB4 through EB6 (near the former pump islands) were additionally analyzed for total lead. Concentrations of TPHg and BTEX were detected above MTCA Method A screening levels in EB4 at 5 feet bgs. Concentrations of TPHg, benzene, ethylbenzene, and total xylenes were detected above screening levels in EB5. Concentrations of benzene, toluene, and ethylbenzene were detected above screening levels in EB6. No other analytes were detected above the MTCA Method A screening levels (AESI, 2014).

One groundwater grab sample was collected from the screened interval at the base of each of the ten

temporary borings: nine at a depth of 10 feet bgs, while EB6 was at a depth of 15 feet bgs. All samples were analyzed for TPHg and BTEX. EB3W through EB7W, as well as EB10W, were additionally analyzed for TPHd and TPHo after passing through a silica-gel column prior to analyses. EB5W through EB7W were also analyzed volatile organic compounds by EPA Method 8260C. Concentrations of TPHg and benzene were detected above screening levels in EB4W though EB7W (i.e. within and immediately southeast of the fueling area.) Concentrations of TPHd were detected above screening levels in EB4W and EB6W, for which AESI states, "The sample chromatographic pattern does not resemble the fuel standard used for quantitation." Concentrations of ethylbenzene was detected above Cleanup Levels in EB4W and EB6W, while total xylenes were detected above Cleanup Levels in EB4W and EB5W. Naphthalene was detected above Cleanup Levels in EB6W. Methylene chloride was detected above screening level in EB5W, however AESI attributed this to laboratory contamination. Aerotech can confirm that the lab results from Friedman & Bruya, Inc. provided within the report, indicate a separate analysis of EPA Method 8260C for this sample does not detect methylene chloride above detection limits. Concentrations of 1,3,5-trimethylbenzene were detected above MTCA Method B Non-carcinogen Standard Values in EB5W. No Method A or Method B Carcinogen values are set for this compound. No other analytes were detected above the MTCA Method A screening levels. Further information may be found in AESI's *Supplemental Phase II Environmental Assessment*, *Freddie's Casino* dated January 24, 2014.

After the interim excavation activity where 1685.24 tons of impacted soil were removed, Aerotech installed six 2-inch PVC Groundwater Monitoring Wells, north, west and southwest of the former Gasamet pump island and UST areas. Two wells, MW-1 and MW-2, were installed to the north of the excavated area, and three wells, MW-4, MW-5, and MW-6, were installed south and west of the excavated area. Well screens were placed between 4 and 15 feet bgs, in order to accommodate potential water level fluctuations related to daily tides and Puyallup River water level variations, as well as local recharge. One well, MW-3, was installed at a "hot spot" near the center of the excavated area (Aerotech, 2016b).

Total Petroleum Hydrocarbons - Gasoline were detected above MTCA Method A screening levels for soil at MW-2, MW-4, and MW-5, at concentrations between 34 and 250 mg/kg (benzene at 0.061 to 0.530 mg/kg), and at MW-3 at 13,000 mg/kg (benzene at 9.3 mg/kg) Further information may be found in Aerotech's *Groundwater Monitoring Well Installation Report*, *Fife RV Center* dated November 17, 2016.

On July 14, 2017, Aerotech installed three 1-inch PVC Groundwater Monitoring Wells south and east of the former Gasamet Pump island and UST areas. Two wells, MW-7 and MW-8, were installed in the cross-gradient groundwater flow direction to the south, and one well, MW9, was installed in the upgradient groundwater flow direction to the east. Screens were placed from 4 to 14 feet bgs (Aerotech, 2017d).

Four soil samples collected during well installation operations were analyzed. Lead, gasoline, diesel, and oil constituents were not detected. One additional borehole (B-1) was advanced in the unexcavated water main hot zone northwest of MW-3 in order to document additional MCTA Table 830-1 parameters; PCBs, cPAHs, and fuel additives were not detected or were below screening levels, while methylene chloride and trichloroethylene (TCE) exceedances were documented in soil at B-1. Further information may be found in Aerotech's *Groundwater Monitoring Well Installation Report*, *Fife RV Center* dated August 17, 2017.

On February 23, 2018, BoreTec Drilling, Inc., along with Aerotech Environmental Consulting, Inc. installed three 2-inch diameter PVC Groundwater Monitoring Wells west and southwest of the former Gasamet-related station features. Two wells, MW11 and MW12, were installed on the southside of the Bio-Swale pond, downgradient groundwater flow direction to the west and southwest. The other well, MW10, was installed downgradient groundwater flow direction from groundwater monitoring well MW2. Groundwater Monitoring Wells MW10 and MW12 were screened from 4 to 14 feet bgs. MW11 was screened from 2 to 9 feet bgs. Wells were developed by surge block and pump method on February 28, 2018 (Aerotech, 2018).

Nine soil samples collected during well installation operations were analyzed. petroleum constituents,

lead, PCBs and VOCs were not detected above the MTCA Method A screening levels except for MW12(7), which contained gasoline concentrations above. Further information may be found in Aerotech's *Downgradient Groundwater Monitoring Well Installation Report, Fife RV Center* dated April 27, 2018.

1.5. SITE USE

1.5.1. CURRENT PROPERTY USES AND FACILITIES

The Property consists of a RV Storage lot which is unpaved with compacted gravel and (Figure 3). The western portions of the Parcel are paved with asphalt and include the Fife RV Center office building.

1.5.2. PROPOSED OR POTENTIAL FUTURE SITE USES

Planned use for the Property is to continue as parking and storage for Fife RV Center. There are no Plans for redevelopment currently. The parcel is zoned as regional commercial use (Figure 5).

1.5.3. REGULATORY STATUS

Aerotech entered the Site as "Fife RV Center" into the VCP under Ecology in January 2017. Adam Harris of the Southwest Regional Office Toxics Cleanup Program has been assigned as the Ecology Project Manager.

The latest opinion letter dated May 31, 2017 issued from Ecology determined additional remedial actions are necessary to clean up contamination at the Site.

1.5.4. TRANSPORTATION/ROADS

The Property is located south of the Pacific Highway East and north of Interstate 5. Access is obtained through an easement between Jack In The Box and Tahoma Express Gas Station as well as the entrance to Fife RV Center at 3410 Pacific Highway East. Port of Tacoma Road is the north south arterial and interchanges with Interstate 5. Interstate 5 that connects Canada to Mexico lies immediately to the south (Figure 3).

1.5.5. UTILITIES AND WATER SUPPLY

During the interim excavation activity, the layout of the subsurface utilities were identified and mapped (Figure 6). A storm sewer is located on the south-central portion of the Property and trends east west draining toward the west and the Bio-Swale Pond. A buried electric line crosses the parcel forming a polygon surrounding the former *Gasamet Gasoline Station* features. A main utility corridor with gas, electrical and storm sewer lines trends southeast to northwest along the northeast section of the parcel. A fire hydrant is connected to a northwest-southeast rending water line that bisects the middle of the parcel.

The City of Tacoma supplies potable water within the city limits. The City of Tacoma reports its water source as the upper eastern sections of the Green River watershed along the western flanks of the Cascade Mountains; the city also maintains groundwater production wells within the same area, in the vicinity of the Eagle Gorge Reservoir and the Howard Hanson Dam, some twenty miles east of the subject Property. A municipal well field, utilized during high demand periods, is located near Interstate 5 in south Tacoma, over three miles west of the subject Property.

1.6. POTENTIAL SOURCES OF HYDROCARBONS

The potential sources of hydrocarbons include the former USTs located in the center of the Property and the former fuel conveyance system including the fuel dispensers (Figure 6)

Facilities associated with the *Gasamet Gasoline Station* that operated from until 1964-1987 included at least three pump islands and four 8,000-gallon USTs. All former UST contents remain unknown.

Tank Type & Volume	Content	Date Installed	Date Decommissioned
8,000-gallon UST	Unknown	1964	1987
8,000-gallon UST	Unknown	1964	1987
8,000-gallon UST	Unknown	1964	1987
8,000-gallon UST	Unknown	1964	1987

2. FIELD INVESTIGATIONS

2.1. PREVIOUS ENVIRONMENTAL INVESTIGATIONS

A total of 12 groundwater monitoring wells have been completed on-Property to date. Monitoring of the groundwater wells has occurred quarterly since 2016 (Aerotech 2016c; 2017a; 2017b; 2017c; 2017e; 2017f; 2017g).

A total of 5 investigations have been completed at the Fife RV Center Property are summarized in the following reports:

- Associated Earth Sciences. August 16, 2014. *Supplemental Phase II Site Assessment,*
- Aerotech. November 1, 2016. *Site Remedial Excavation Report.*
- Aerotech. November 17, 2016. *Groundwater Monitoring Well Installation Report.*
- Aerotech. August 16, 2017. *Groundwater Monitoring Well Installation Report.*
- Aerotech. April 27, 2018. *Downgradient Well Installation Report.*

A chronological summary of work completed at Fife RV Center during the investigations listed above can be found in Appendix B. These data include investigations completed on the Fife RV Parcel only. A summary of historical soil analytical data and historical groundwater analytical data can be found in Tables 1 and 2, respectively. All historical boring logs are included in Appendix C. Boring logs for work completed in Aerotech's July 2018 site assessment are included in Appendix D. Laboratory analytical reports for soil and groundwater samples collected during the July 2018 site assessment are included in Appendix E. All currently existing wells and soil boring locations are shown on Figure 7. Other pertinent investigations completed in the immediate vicinity of the Fife RV Center property are also summarized in Appendix B and differentiated by parcel. All activities completed by Aerotech were in accordance with Aerotech Field Protocols (Appendix F) and selected photos from the investigation may be found in Appendix G.

2.2. ENVIRONMENTAL INVESTIGTION SUMMARY

A total 31 soil borings have been advanced at the Site (MW-1 through MW12). The soil analytical results can be found in Table 1 and Figure 7. Surface water analytical results are summarized in Table 2, groundwater analytical results and grab groundwater results are summarized in Tables 3 and 4 respectively.

2.2.1. CONSTITUENTS OF POTENTIAL CONCERN

Constituents of potential concern ("COPCs") based on current and past uses of the Property include the compounds listed in WAC Chapter 173-340-900 Table 830-1 Required Testing for Petroleum Releases. The following table lists COPCs for the Site:

Potential Source	COPCs
Former Gasoline Service Station Tanks and Fuel Conveyance System	• TPHg • TPHd • TPHo • BTEX • HVOCs • PAHs • PCBs • Total Lead

Based on the laboratory analytical results from environmental activities conducted at the Site, concentrations of TPHg and BTEX have been detected above MTCA Method A screening levels in

groundwater and soil samples.

2.2.2. SOIL

Locations of soil samples are depicted on Figure 7. Soil samples have been analyzed for TPHg, TPHd, TPHo BTEX, HVOCs, PCBs and lead. Laboratory analytical results indicated TPHg and BTEX above the MTCA Method A screening levels. The depths of the soil samples range from 2.5 to 14.5 feet bgs. A summary of laboratory analytical results, sample depth, and sample date for each soil sample submitted for analysis is presented in Table 1.

2.2.3. SURFACE WATER

Two samples of surface water were collected on February 26, 2018 from the Bio-Swale utilizing a teflon bailer (Table 2). One was collected from the northeast corner of the Bio Swale, down the bank from MW10 (POND-NE) and the other at the outfall exit from the pond (POND-EXIT; Figure 8). Each sample was analyzed for TPHg and BTEX, POND-NE contained concentrations of TPHg at 140 ug/L and the POND-EXIT was below all laboratory detection limits.

2.2.4. GROUNDWATER

Twelve groundwater monitoring wells (MW1 through MW12; Figure 8) have been installed at the Site since 2016.

Aerotech installed six 2-inch PVC groundwater monitoring wells, north, west and southwest of the former *Gasamet* pump island and UST areas. Two wells, MW-1 and MW-2, were installed to the north of the excavation, and three wells, MW-4, MW-5, and MW-6, were installed south and west of the interim excavation. One well, MW-3, was installed at a “hot spot” near the center of the excavated area.

On July 14, 2017, Aerotech installed three 1-inch PVC groundwater monitoring wells south and east of the former *Gasamet* pump island and UST areas. Two wells, MW-7 and MW-8, were installed in the cross-gradient groundwater flow direction to the south, and one well, MW9, was installed in the upgradient groundwater flow direction to the east.

Groundwater monitoring wells MW10-MW12 were installed in February 2018 to define extent of impacted groundwater in the west and southwest directions.

A summary of laboratory analytical results, and sample date for each groundwater sample submitted for analysis is presented in Tables 3 and 4.

2.2.5. SEDIMENT

Sediment has not been evaluated on the Property.

2.2.6. AIR/SOIL VAPOR

Air/Soil vapor concentrations have not been evaluated on the Property.

2.2.7. NATURAL RESOURCES/WILDLIFE

A Terrestrial Ecological Evaluation (“TEE”) form has been completed as part of the previously submitted VCP Application.

2.2.8. CULTURAL HISTORY/ARCHEOLOGY

No information or reports of historical investigations have indicated a need for additional research of Property history or archaeology.

2.2.9. INTERIM ACTIONS

Aerotech, along with Langseth Environmental Services Inc. (“Langseth”), performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from the Supplemental

Phase II Environmental Site Assessment were used to guide the initial stages of the excavation. Analytical results from samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A screening levels at these locations. TPHg, Benzene, Toluene, Ethylbenzene, and Xylenes remain Constituents of Concern at the Site. Chlorinated Volatile Organic Compounds, TPHd, and TPHo not detected above laboratory Minimum Reporting Limits. Lead was detected, but at concentrations well below the MTCA Method A screening level for soil. A saturated, wooded. Bio-Swale is located on-Property to the Northwest of the Site Remedial Excavation and limited soil removal in that direction. Southwest of the Property, the topography slopes downward into a water retaining drainage area, which also limited soil removal. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST basin. Groundwater was encountered on Site at levels ranging from 3 to 10 feet bgs (Aerotech, 2016a). Figure 7 illustrates the sample locations and extent of excavation completed during this action.

2.3. SITE CHARACTERIZATION - JULY 2018

Aerotech completed Soil Borings B2–B9 to determine the current soil and groundwater conditions along the Fife RV Center property boundary north and southwest of the former *Gasamet Gasoline Station* (Figures 7 & 8).

2.3.1. NOTIFICATIONS – "PUBLIC UTILITIES"

A public utility locate notification was performed prior to the start of work. Aerotech performed the "public" utilities notification on June 26, 2018 and was issued Ticket Number 18273696 by the Utilities Underground Location Center.

According to the Utilities Underground Location Center the utilities necessary for notification included:

District	Company	Marking	Customer Service	Repair
CC7711	COMCAST CABLE	(800)762-0592	(800)266-2278	(855)537-6296
ELCLT01	ZAYO FNA INTEGRA TELECOM	(888)267-1063	(443)403-2023	(888)267-1063
FIFE01	CITY OF FIFE	(253)922-9315	(253)922-9315	(253)922-9315
MCCHRD01	MC CHORD PIPELINE COMPANY	(253)383-1651	(253)383-1651	(253)383-1651
MTRMED01	ZAYO FNA ABOVENET	(888)267-1063	(443)403-2023	(888)267-1063
OLYPE01	BP/OLYMPIC PIPE LINE COMPANY	(425)981-2517	(425)981-2517	(888)271-8880
PUGE07	PUGET SOUND ENERGY ELECTRIC	(888)728-9343	(888)225-5773	(888)225-5773
QLNWA24	CTLQL-CENTURYLINK	(800)778-9140	(800)283-4237	(800)573-1311
TACPWR01	TACOMA PWR & CLICK NETWORK	(253)502-8263	(253)502-8600	(253)383-0982
WSDOT10	WA DOT - OLYMPIC REGION	(360)357-2647	(360)357-2647	(360)357-2647

2.3.2. PRIVATE UTILITIES LOCATION:

Additionally, Aerotech engaged personnel of Mountain View Locating Services of Bonney Lake, Washington to locate building and site utilities on July 3, 2018, prior to the start of the on Site drilling activities. No unanticipated or unexpected situations were discovered or encountered during the "private" locating activities.

Based in part upon pavement markings made by utility location technicians; the location of utility fixtures such as water, electrical, or manholes, and the presence of anomalies detected by induction or ground radar methodologies, monitoring well soil boring locations were chosen.

2.3.3. GROUND PENETRATING RADAR SURVEY:

A Ground Penetrating Radar ("GPR") Survey conducted by Mountain View Locating Services staff on July 3, 2018 in order to augment the induced current methodology, and to verify the presence of utility trenches such as sewer and water main trenches. Mr. Dave Schaff of Mountain View Locating Services, LLC employed Radar equipment utilizing Dual Frequency Antennae (300 MHz/800 MHz) manufactured by Geophysical Survey Systems. The locations of the water main and storm sewers were confirmed by means of GPR activities.

2.3.4. SITE ACTIVITIES:

Eight soil borings were advanced on July 3, 2018, under contract with Aerotech Environmental Consulting, Inc. All the work was performed during normal business hours. No unusual or unforeseen circumstances occurred during the Site activities.

2.3.5. DRILLING ACTIVITIES:

Drilling operations utilized a Jackhammer-mounted Limited Access Direct Push Rig, equipped with 2-inch diameter, four-foot long stainless-steel sampling rods.

The subsurface soil borings were performed by equipment owned and operated by a Licensed Driller from Standard Environmental Probe ("Standard") of Tacoma, Washington. The on-Site drilling equipment was operated by personnel employed by Standard, Mr. Russell Vaughn (State of Washington Department of Ecology Well Drillers License No. 3143). All subsurface work was overseen by State of Washington Licensed Geologist, Mr. Justin Foslien (State of Washington License No. 2320). The laboratory analytical services were performed by a State of Washington licensed lab, Advanced Analytical Labs located in Redmond, Washington.

2.3.6. SOIL BORINGS:

A total of four soil borings were advanced on the southern and southwestern Property Boundary adjacent to the Interstate ROW, south and southwest of the former *Gasamet Gasoline Station*. An additional four borings were advanced in the gravel lot situated south of the Jack-in-the-Box building, north of one pair of former gasoline USTs and in the midst of the former pump island (which straddled the current Property Line) associated with the former *Gasamet Gasoline Station* (Figure 7).

2.3.7. SOIL SAMPLE COLLECTION:

A total of 17 discrete soil samples were collected on July 3, 2018 at eight soil boring locations.

Soils collected from each location were visually inspected for color quality and evidence of discoloration, and physically observed for the purpose of recording composition and noting odor, where distinctive. Each sample was handled with a fresh pair of clean nitrile gloves. Samples were placed in sterile four-ounce glass jars and 40cc glass vials preserved with 5ml methanol in accordance with procedures specified for USEPA Method 5035A.

Each sample was given a unique identifier number and placed in an iced cooler for sample preservation. Samples were held in the custody of the project manager, Nicholas Gerkin, and ice was checked and replenished while samples were held in the evening and maintained to the time of delivery to the lab. A Chain of Custody was maintained to record details associated with the collection and handling of each sample. The remaining soil samples were retained by the laboratory for analysis if the soil samples selected for laboratory analysis revealed elevated levels of constituents. Following the production of the initial Site sample results for soil, no follow-up laboratory analyses were requested for the subject Site, as of the date of this report.

2.3.8. GRAB GROUNDWATER SAMPLE COLLECTION:

A total of three (3) groundwater 'grab' samples were collected on July 3, 2018. The groundwater samples were collected through temporary well casings inserted in Soil Borings B6, B7, and B9. The groundwater samples were submitted for analyses based on the Scope of work discussed in the previous section.

The groundwater samples were extracted from the temporary well casings using a peristaltic pump. Each groundwater sample was extracted using new disposable polyethylene tubing with a fresh pair of clean nitrile gloves. Samples were then placed into laboratory supplied containers.

Each sample was given a unique identifier number and placed into an iced cooler for preservation. Samples were kept on ice until delivery to Advance Analytical Laboratory of Redmond, Washington.

2.3.9. EQUIPMENT DECONTAMINATION:

All sample acquisition equipment was decontaminated before and after the completion of each borehole to eliminate the potential for cross-contamination between borings, as required. All reusable sampling equipment for soil sampling, drive rods, and probes were decontaminated after each sampling point by washing with an Alconox-distilled water solution and rinsing with distilled water.

2.3.10. SITE RESTORATION:

Each borehole was complete with bentonite chips and gravel to match the surrounding surfaces. No landscape restoration was necessary.

2.3.11. RESULTS:

SUMMARY OF SAMPLE ACQUISITION

A total of eight soil borings were advanced in the Area of Concern to a maximum depth of 12 feet bgs. A total of seventeen soil samples were collected of which 15 were analyzed and three grab groundwater samples were collected of which all were analyzed. Detailed descriptions of each soil boring location, observations made during the acquisition, sampling information, and the field screening process are documented in soil boring logs attached to this report.

Total Petroleum Hydrocarbons – Gasoline and other Petroleum Constituents:

Gasoline and Benzene were detected above the MTCA Method A screening levels completed in nine of fifteen soil samples. Gasoline and Benzene were detected above the MTCA Method A screening levels in three of three grab groundwater samples. A summary of the remaining results may be found in Tables 1 & 3, including results from the previous investigations.

APPLICABLE ANALYTICAL METHODOLOGIES AND PARAMETERS

The analytical parameters were chosen based upon the results of previous investigations to provide a comprehensive characterization of the subsurface soils and groundwater present at the Site Areas of Concern and to comply with State of Washington recommendations.

Analytical Methodology:

Soil: **Gasoline Range Organics & Benzene, Ethylbenzene, Toluene, and Xylenes**

State of Washington NWTPH-Gx (TPHg)

USEPA 8021B (BTEX)

Laboratory Analysis:

Laboratory analysis was provided by:

Advanced Analytical Laboratory, LLC
4078 148 Avenue NE
Redmond, WA 98052
425.702.8571
aachemlab@yahoo.com

3. NATURAL CONDITIONS

3.1. SITE GEOLOGY

The Puget Sound lies within a tectonic trough situated between the Olympic Mountains to the west, and the northern Cascade Mountains to the east. This trough is characterized by fault zones accommodating north-south compressional rotation, commonly resulting in predominant north-south and northwest-southeast oriented faults and fault zones. Elliott Bay lies north of the Seattle Fault Zone, while Tacoma's Commencement Bay lies south of the northernmost Tacoma Fault zone rupture. A major fault is mapped below the bluffs on which central Tacoma was developed, along the western margin of Commencement Bay. Commencement Bay and the Puyallup River Basin lie on the down dropped side of the fault. The uppermost soils are dominated by alluvial sediments and occasionally volcanic mud flows originating on the slopes of Mount Rainier. Deep borehole data indicate approximately 1,800 feet of unconsolidated glacial and interglacial sediments in the former tidal flats in the vicinity of the subject Property.

The subject Site and vicinity, south of the Blair Waterway, are mapped as Quaternary Alluvium. These soils are characterized as:

"Gravel, sand, silt, and clay. Deposited chiefly by modern streams, but includes some swamp deposits. Includes marine deposits near the mouth of the Puyallup river.... thickness ranges from a few feet to as much as 600 feet. Yield small to moderate quantities of water to wells. Locally capable of large yields."

(Walters and Kimmel, 1968; Booth et al, 2004; Smith, 1977; Jones et el, 1999)

Unconsolidated sediments documented in soil borings advanced at the subject Property include: 1) Gravel at depths between the ground surface and a depth of 3 feet, and 2) Sandy silt at depths between 3 feet and 8 feet. A Washington Department of Transportation test boring advanced near the intersection of the Port of Tacoma Road and Interstate 5, documents the presence of gravel with sand and sand to a depth of 8 feet, underlain by at least 12 feet of silt or silt with sand. The shallow gravels may represent fill material placed atop natural fluvially and alluvially deposited silts and sandy silts. These fill materials may be expected underneath roadways and developed properties. They are often designed to elevate the surface above shallow groundwater and reduce susceptibility to flooding due to groundwater flooding during wet periods; and flooding due to heavy precipitation or breaches and overtopping of the levee system or the associated ditch systems.

A Northwest-Southeast and Southwest-Northeast geologic cross section illustrating subsurface conditions observed at the Property can be found on Figure 8.

3.2. SITE HYDROGEOLOGY

The principal aquifers in the Puget Sound Region occur in glacial drift, that along with finer grained interglacial sediments, underlie the basin lowland to depths often exceeding 1,000 feet. Sand and gravel units within the glacial drift form the principle aquifers. These aquifers receive ample recharge from the typically heavy precipitation characteristic of western Washington. The glacial drift in the Puget Sound region varies greatly in composition and water yielding capacity. Typically, wells in glacial drift that tap silt, clay, or till in the region at approximately 75 to 100 feet below ground surface may have yields of 100 gallons or more per minute. Deeper wells tapping thick, saturated layers of highly permeable gravel and coarse sand, typically at depths greater than 250 feet below ground surface, can yield more than 1,000 gallons per minute.

The calculated groundwater flow direction at the Site is to the west and west southwest toward the bioswale to the west and the ditch to the west-southwest (Figure, Pot Map and Rose Diagram). Groundwater gradients increased markedly in close proximity to the ditch and bioswale areas, within a few tens of feet of the southwest corner of the Site.

Static water levels north and east of the subject Property have been recorded by other consultants between depths of three to six feet bgs. During the AESI Phase II, water levels were reported to range from three to seven feet bgs on the subject Property. Ditches in the vicinity are estimated to be as much

as four to five feet deep. Groundwater flow direction has been documented at the property to the north as flowing to the south-southwest; to the west and southwest at the current Travelodge property, adjacent to the east; and at the former Unocal/Texaco/Chevron Station and current Tahoma Express station, adjacent to the northwest, as flowing to the west-southwest, or to the south or southwest.

A groundwater divide, north of which groundwater flow may be expected to flow toward Commencement Bay, is likely present perhaps as near as a few hundred feet to the north of the Site; this groundwater divide may migrate considerable. The straightened and levee-bound Lower Puyallup River channel is located approximately 3,000 feet south west of the subject Property. Groundwater in the vicinity of the Site, based upon water level data may flow predominantly in the direction of the Puyallup River channel, but may also flow to the west or northwest where the groundwater system is influence by elevated Puyallup River water levels during flood stage or the wet winter seasons.

Components of an extensive ditch system are visible south of the Site, along the northern and southern margins of Interstate 5, and north of Pacific Highway East. Portions of the ditch system to the north may discharge to Wapato Creek to the east. Ditches to the south do not appear to be connected to the system to the north. The ditch adjoining the Site appears to discharge to the east, and then to the south via pipe underneath Interstate 5. When the water table is low, during dry summer months, water entering ditches may, in part, infiltrate vertically to a seasonally low water table; when the water table is higher, during wet winter periods, groundwater may discharge to deeper drainage ditches.

Because tidal fluctuations approach 15 or more feet in the Tacoma area, rhythmic fluctuations in ground water levels twice daily and flow direction may occur within some low-lying areas near Commencement Bay. Under some conditions, tidal fluctuations may potentially influence groundwater flow at the subject Property, given its location approximately 4,000 feet from the Blair Waterway and approximately 3,000 feet northeast of the Puyallup River channel. Groundwater flow direction at low tide may potentially be diverted somewhat to the west or even northwest. The predominant groundwater flow direction south of this nearby section of Pacific Highway appears to be to the west-southwest or west. Tidal influence is negligible based on no change in elevations on the Site for up to 9 hours in one day. .The Puyallup River in the area has been straightened and is protected by a levy system. Aside from the immediate influence of the designed ditch system at and near the Site, it is at this time expected to represent the primary boundary condition likely to influence overall groundwater flow near the Site.

Jones, Orr and Ebbert depict the shallow alluvial aquifer of Commencement Bay as hydraulically connected to adjoining glacial aquifers above; in general groundwater is expected to flow from the bluffs above, toward Commencement Bay and the Puyallup River, with a significant flow component in the direction of river flow, toward Commencement Bay.

The upper alluvial aquifer is characterized as a distinct hydrogeologic unit, hydraulically connected to more permeable sandy or gravelly units along the valley margins, often lying underneath glacial till

"Aquifer Qcl [Jones et al, 1999] is generally a confined aquifer except where it is exposed at the surface, where it is unconfined, or not completely saturated beneath Qvt (Vashon Till). It consists largely of sand and gravel deposits but does contain silt and clay within the sand and gravel matrix.... The altitude of the top of this aquifer ranges from 50 feet below sea level to 509 feet above sea level."

3.2.1. GROUNDWATER CONDITIONS

Groundwater occurs in the shallow saturated zone beneath the Site comprised of poorly graded fill sand as well as silty sand or sandy silt. The water table depth typically ranges between approximately 1 and 5.5 feet bgs (Table 3). Previous maps summarize in a rose diagram depict the local flow of groundwater is toward the southwest and the Puyallup River (Figure 12).

Recent dewatering associated with DOT construction project that is updating the Interstate 5 interchange with Port of Tacoma Road have depressed the water elevation as much as 8.39 feet at MW6 along the southwestern parcel boundary. This depression has also resulted in the increase of gradient and change in direction toward the southeast compared to previous events. Photographs of the ongoing construction activities are included in Appendix G.

3.3. SURFACE WATER

The Site is currently covered with compacted gravel, concrete and asphalt. In the event of a storm water overflow at the Property, stormwater surface runoff is collected via catch basins and conveyed via storm sewer located on the south-central portion of the Property and trends east west draining toward the west and the Bio-Swale Pond. The Bio-Swale then discharges to the west via 36-inch perforated pipe. This pipe flows under the I5 southbound off-ramp to additional drainage swale and ultimately to an outfall in the Puyallup River.

Currently there is no water present in the Bio-Swale due to the pumping and construction activity previously mentioned.

The nearest surface water body is the Puyallup River located approximately ½ mile southwest of the *Fife RV Center*. The Puyallup River flows west into Puget Sound approximately 2.75 miles northwest of the Site (Google Earth, 2018).

3.4. ECOLOGICAL RECEPTORS

3.4.1. SENSITIVE RECEPTOR SURVEY ANALYSIS

The nearest surface water body is the Puyallup River located approximately ½ mile southeast of the Property (Google Earth, 2018). Based on: 1) the previous interim removal of source areas of hydrocarbon concentrations above the MTCA Method A screening levels on the Property; 2) the presence of a bioswale on the northwest corner of the property; and future surface water drainage construction to include additional stormwater runoff controls it is unlikely that groundwater or soil beneath the subject property would pose a future risk to surface waters.

The nearest potable water well is located approximately 0.75 mile upgradient to the south of the Site on the western side of the Puyallup River (Health, 2018). The Property is not located within any groundwater well protection areas.

3.4.2. TERRESTRIAL ECOLOGICAL EVALUATION

A Terrestrial Ecological Evaluation (TEE) Form was completed for the Property as part of the VCP Application based on data at that time. A Simplified TEE was completed based on approximately 2.0 acres of contiguous undeveloped land on or within 500 feet of the subject site. An aerial map with a 500-foot radius encompassing the Property can be found in Appendix H along with a completed Simplified TEE exposure analyses procedure (Table 749-1). No further evaluation was necessary because according to WAC 173-340-7492(2)(a), the area of soil contamination is less than 350 square feet.

The TEE will be updated to reflect the area of delineated impacts once the final extent of the MTCA Site boundary is determined.

4. CONCEPTUAL SITE MODEL

The conceptual site model is a "conceptual understanding of a site that identifies potential or suspected sources of hazardous substances, types and concentrations of hazardous substances, potentially contaminated media, and actual and potential exposure pathways and receptors." As defined by MTCA WAC 173-340-200 (WAC, 2017). This report has provided details regarding how COPCs were released, the types and extent of constituents detected at the Site, and actual and potential receptors. This section provides a conceptual summary of the detailed information described in the previous sections. Figure 13 presents a graphical representation of the conceptual model for the Site.

4.1. SOURCES OF CONSTITUENTS OF CONCERN

The sources of hydrocarbons on the Site are the releases to soil of COPCs that were stored and distributed by the Former *Gasamet* G*asoline Station*. These COPCs occurred via releases from USTs, pipes, and dispensers. These releases were focused in the vicinity of the first generation of UST basin and the former pump islandsThe COPCs were released to soil; the hydrocarbons then spread by vapor transport into the vadose zone, by partitioning from soil vapor into groundwater, and by direct leaching to groundwater from saturated soils. The Property is currently utilized as parking for recreation vehicles and the surface cover is compacted gravel.

4.2. FATE AND TRANSPORT

The sources of hydrocarbons on the Site are the releases to soil of COPCs that were stored and distributed by the former *Gasamet Gasoline Station*. These COPCs occurred via releases from USTs, pipes, and dispensers. These releases were focused in the vicinity of the first generation of UST basin and the former pump islands.

The COPCs were released to soil; the hydrocarbons then spread by vapor transport into the vadose zone, by partitioning from soil vapor into groundwater, and by direct leaching to groundwater from saturated soils. The presence of shallow groundwater beneath the Site also likely enabled some of the COPCs to be released directly to groundwater. The Property is currently unpaved with compacted gravel and vegetation around the Bio-Swale pond. Therefore, the potential of infiltration of rainwater that could leach COPCs from the soil or entrain soil vapors from chemicals and carry them downward to the water table is high.

4.3. EXPOSURE PATHWAYS AND RECEPTORS

The Property is within a regional commercial use area that includes public streets, businesses, and other industrial activities. The streets and parking lots are covered with asphalt or concrete. There is some terrestrial habitat in the area, associated with the Bio-Swale and buffers around Interstate 5. A municipal well field, utilized during high demand periods, is located over 3 miles west of the site (Aerotech, 2016). Current exposure pathways and receptors are limited to the following:

- Incidental ingestion of surface soils;
- Incidental ingestion of groundwater from leaching of soil:
- Inhalation of indoor air from volatilization of soil;
- Inhalation of outdoor air from volatilization of soil;
- Inhalation of indoor air from volatilization of groundwater; and
- Inhalation of outdoor air from volatilization of groundwater

The property surface is compacted gravel and no redevelopment is currently planned. However, a structure erected over the area of soil containing residual hydrocarbons could trap vapor containing COPCs. The soil and groundwater containing hydrocarbons remaining at the Site is the source of these vapors. Cleanup levels will be developed for indoor air based on the vapor intrusion pathway. based on recent guidance and planned confirmation sample data.

There is a potential for a future direct contact exposure pathway whereby construction workers digging in subsurface soil may be exposed to COPCs. Cleanup levels will be developed based on industrial worker exposure cleanup levels.

4.4. POTENTIAL FUTURE EXPOSURE PATHWAYS AND RECEPTORS

Future land use in the area is expected to remain general commercial, therefore the MTCA Method A and B Cleanup Levels are applicable to this Site. No significant changes in zoning are expected in the foreseeable future.

4.5. SOIL CLEANUP STANDARDS

The following pathways are considered for the establishment of soil cleanup levels at the Site:

- Protection of human health via direct exposure using the MTCA Method A Cleanup Levels;
- Protection of ecological receptors, an ecological evaluation is required under MTCA;
- Protection of groundwater resources from COCs leaching from soil; and
- Protection of indoor air from vapor intrusion from soil containing hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels.

In developing cleanup levels, the following Site-specific information is relevant:

- The Site and the adjacent properties are currently zoned for regional commercial use;
- Soil containing residual COPCs remains near buried water and electrical lines on the *Fife RV Center* parcel; and
- Soil containing residual COPCs remains along the property boundary with *Jack in the Box* and likely extends beyond the property boundary

Although definition of the release to soil has not been achieved, Aerotech selected MTCA A Cleanup Levels based on the current data.

4.6. GROUNDWATER CLEANUP STANDARDS

The following pathways are considered for the establishment of groundwater cleanup levels at the Site:

- Protection of human health via direct exposure using the MTCA Method A Cleanup Levels;
- Protection of ecological receptors, an ecological evaluation is required under MTCA;
- Protection of groundwater resources from COCs leaching from soil; and
- Protection of indoor air from vapor intrusion from soil containing hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels.

In developing cleanup levels, the following Site-specific information is relevant:

- The Site and the adjacent properties are currently zoned for regional commercial use; and
- Groundwater containing residual COPCs is present at the Site (Tables 3 & 4).
- Groundwater containing residual COPCs at the Property has not been defined and at least extends to the northern Property boundary shared with *Jack in the Box* from the area surrounding the former USTs in the central portion of the Property.

4.7. CLEANUP STANDARDS FOR INDOOR/AMBIENT AIR, SOIL GAS, SUB-SLAB SOIL GAS

In developing cleanup levels for indoor air, the following Site-specific information is relevant:

- Soil containing residual COPCs at the Property has not been defined and at least extends to the norther Property boundary shared with *Jack in the Box* from the area surrounding the former USTs in the central portion of the Property. Additionally, toward the southwest and the Property boundary shared with the Interstate 5 off ramp.
- Vapor intrusion from soil containing residual has not been evaluated.

4.8. CLEANUP LEVELS

CULs will be updated as additional data is collected from investigations. Based on the current conditions present at the Site, MTCA Method A is the appropriate CUL for both soil and groundwater.

	MTCA Cleanup Levels			
COPC	**Soil – Method A (mg/kg)**	**Soil – Method B Direct Contact (µg/kg)**	**Groundwater (µg/L)**	**Indoor Air (µg/m3)**
Benzene	0.030	N/A	5	N/A
Toluene	7	N/A	1,000	N/A
Ethylbenzene	6	N/A	700	N/A
Xylenes	9	N/A	1,000	N/A
TPHg	100a/30b	N/A	800a/1,000b	N/A
TPHd	2000	N/A	500	N/A
TPHo	2000	N/A	500	N/A
Lead	250	N/A	15	N/A

a = TPHg soil cleanup level is 30 mg/kg, unless benzene is not detected in the sample, or if toluene, ethylbenzene, and total xylenes constitute less than 1% of the TPHg present in the sample. If these conditions are met, the cleanup level for TPHg may be elevated to 100 mg/kg.
b = 800 mg/L if benzene is present in groundwater; 1,000 mg/L if no detectable benzene in groundwater

5. SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

5.1. SUMMARY AND CONCLUSIONS

From the mid 1960's to the late l980's a *Gasamet Gasoline Station* occupied the western portion of the western gravel paved lot on the Subject Property and the southern portion of the Jack in the Box Property. Fuel dispenser islands were located south and east of the eastern terminus of the current restaurant drive-thru, with UST Basins situated both to the east and west, and a building farther south. A triangular-shaped wooded water retention area (Bio-Swale) is located at the west side of the Site.

In 1987, Rittenhouse-Zeman & Associates (RZA) completed a geotechnical investigation where, hydrocarbon odors were encountered at soil boring B-1 (located beneath the present restaurant building) between 5 and 10 feet bgs. Samples collected from B-1; S-5 (11-12.5 feet), contained TPH in above the current MTCA Method A CULs") (RZA, 1988). RZA advanced four soil borings at the corners of the property (B-1A, B-2, B-3, B-4) in January 1998. No petroleum odor was observed in any of the four soil borings. Soil Sample S-4 collected from B-2 at 10-11.5 feet bgs contained TPH above the CUL (RZA, 1988). The location of this boring corresponded to the northwest corner of the *Jack in the Box* parcel.

In 2014, *Associated Earth Sciences,* Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Petroleum hydrocarbons were detected at concentrations above the Model Toxic Control Act ("MTCA") Method A Cleanup Levels in soil and groundwater samples in the vicinity of the former *Gasamet* pump islands and UST Basins. Based on these results, Mr. Chris LaVerdiere, requested *Langseth Environmental* ("Langseth") *and Aerotech Environmental Consulting, Inc.* ("Aerotech") initiate site remedial excavation and environmental consulting services to address petroleum impacted soils.

1,685.24 tons of petroleum impacted soil were removed in late 2016. The first six groundwater monitoring wells were installed immediately thereafter, followed by upgradient wells (MW7, MW8, and MW9) in July of 2017.

Analytical data collected during the July 2018 site assessment indicate that groundwater and soil contain concentrations above MTCA Method A CULs exist along the northern Fife RV Center property shared with *Jack in the Box*. Soil borings B7-B9 advanced along the fenced property line indicated the extent of soil and groundwater impacted by petroleum related hydrocarbons extends into the *Jack in the Box* parcel immediately to the north.

Soil and water samples collected from soil boring B3 at the southwestern property boundary also contained concentrations above MTCA Method A Cleanup Levels. Groundwater samples collected from monitoring well MW12 have also contained concentrations of benzene above MTCA Method A CULs. Additional investigation in necessary to define the Site toward the WSDOT right of way associated with the Interstate 5 Off-Ramp.

5.2. RECOMMENDATIONS

Based on the existing information collected from the *Fife RV Center* property, further action will be required to delineate the extent of petroleum- related contamination associated with the former *Gasamet Gasoline Station*. Aerotech recommends submitting this report to the Ecology with a request for opinion on the activities completed to date; and to help facilitate the negotiation of access to complete definition of the MTCA Site boundary.

6. LIMITATIONS

For any documents cited that were not generated by Aerotech, the data taken from those documents is used "as is" and is assumed to be accurate. Aerotech does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This report and the works performed have been undertaken in good faith, with due diligence and with the expertise, experience capability and specialized knowledge necessary to perform the Work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services, in Washington at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

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• Figures

N

Fife RV Center, Fife (Tacoma), Washington, United States

AEROTECH
ENVIRONMENTAL CONSULTING

REGIONAL MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 12/08/16
By: Nick Gerkin
Figure: 1

N

Fife RV Center, Fife (Tacoma), Washington, United States

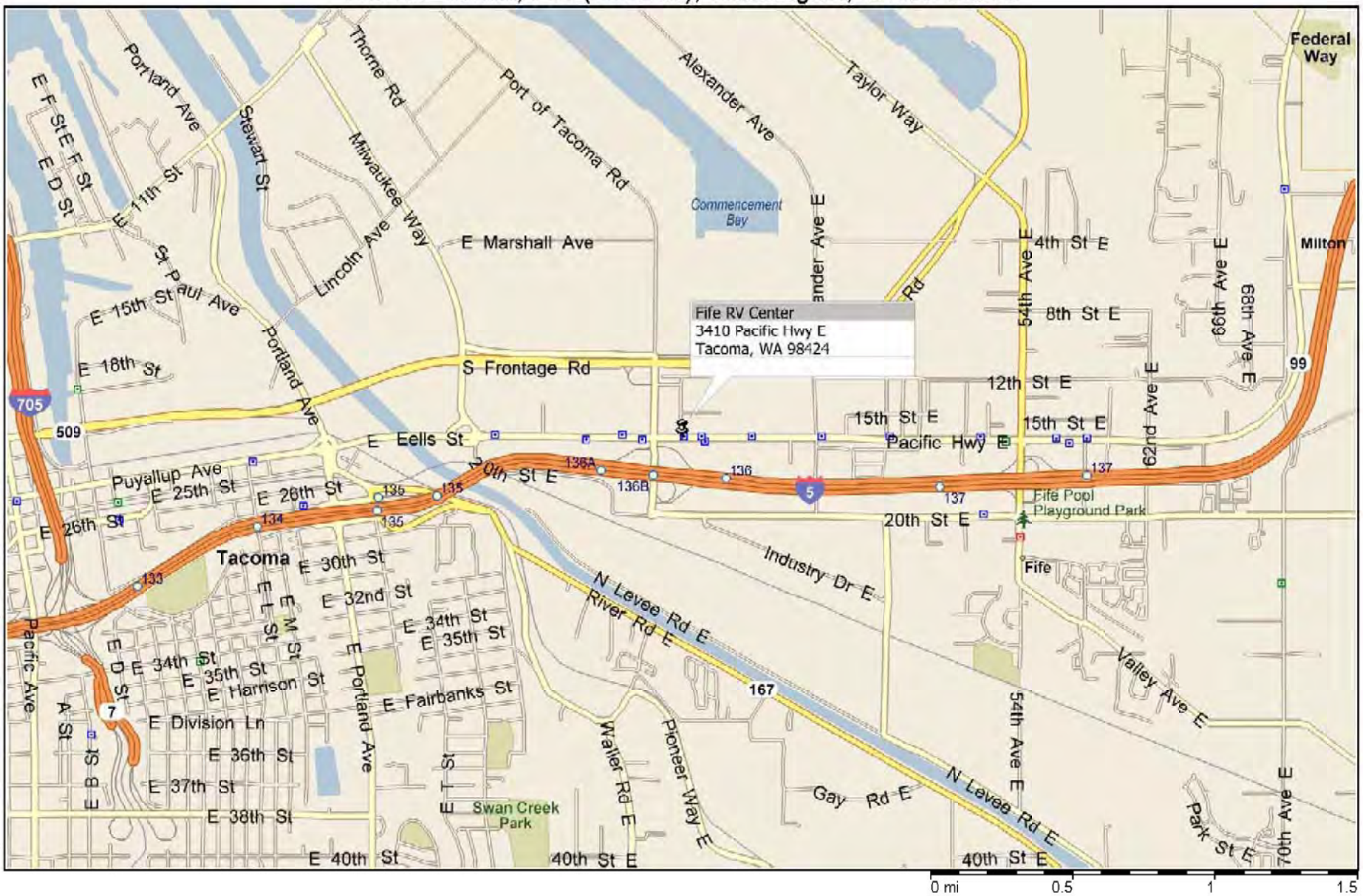

AEROTECH ENVIRONMENTAL CONSULTING	**NEIGHBORHOOD STREET MAP**	**Fife RV Center** **3410 Pacific Highway East** **Fife, Washington**		**Date:** 12/08/16 **By:** Nick Gerkin **Figure:** 2

EXPLANA^ '/~

- — - — - ·	Parcel Property Boundar&		ˇ#ea of Focus
032011067	Pierce County Parcel ˇ umber		

AEROTECH ENVIRONMENTAL CONSULTING

SITE VICINITY MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

0 150 300
SCALE ˜ eet)

Date˜ 9/5/18
˜ Justin Foslien
Figure: 3

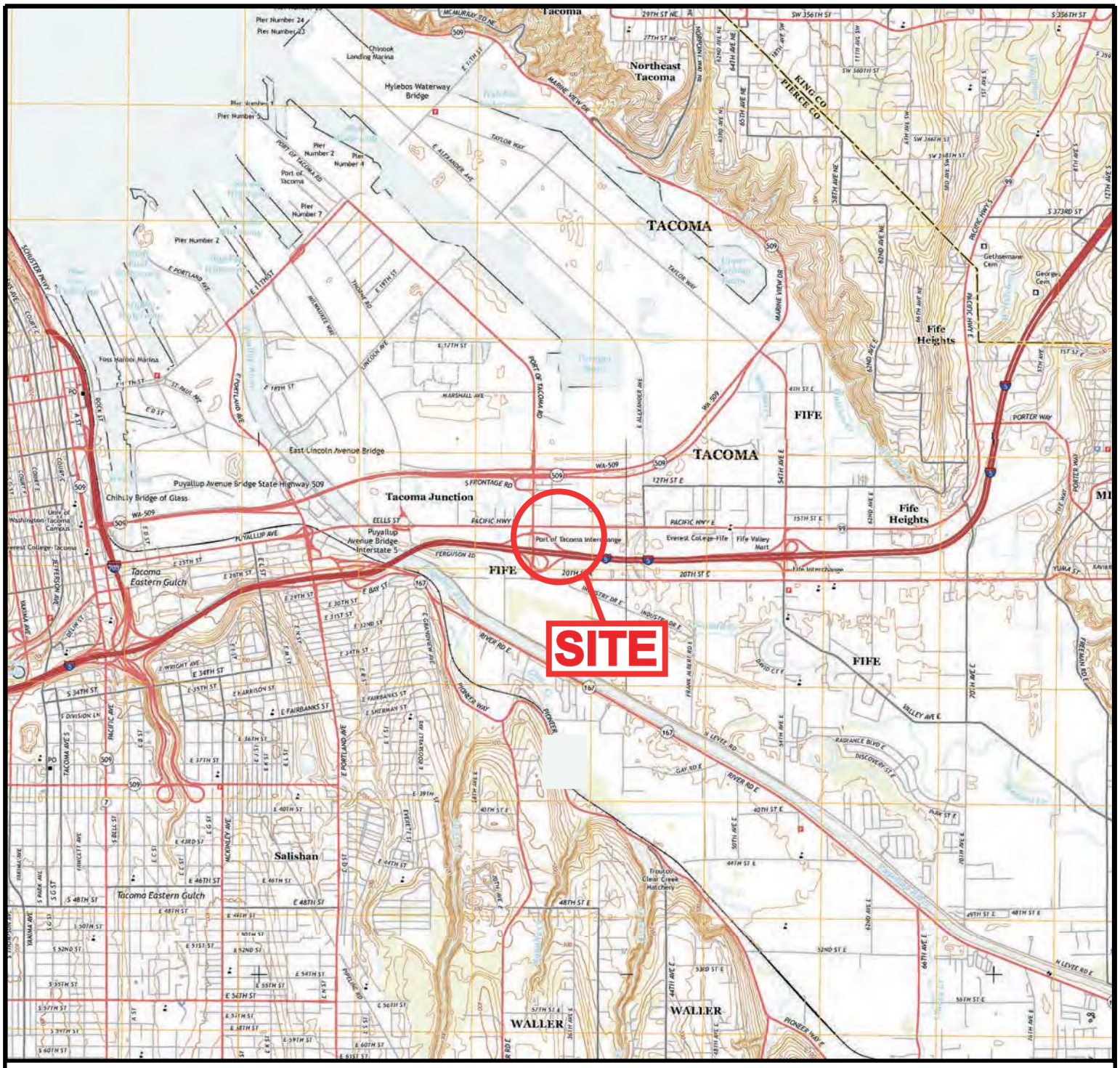

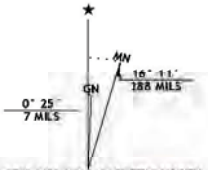

UTM GRID AND 2014 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

0 1 /

SCALE ˜) ile!

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

AEROTECH
ENVIRONMENTAL CONSULTING

USGS TOPOGRAPHIC MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date˜ 10/30/16

˜˜ Nick Gerkin

Figure:

.

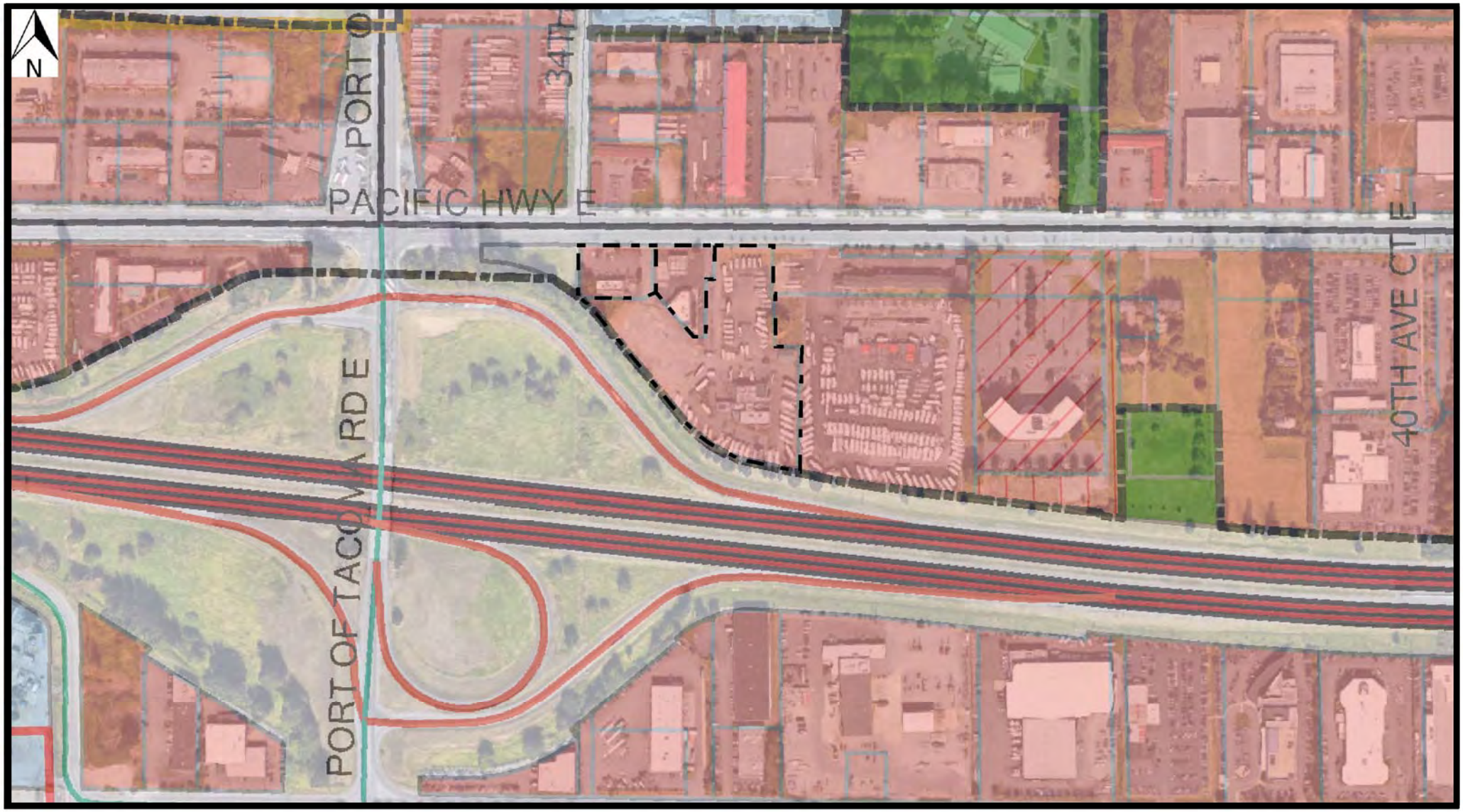

EXPLANATION

Parcel Property Boundary

- PUBLIC USE/OPEN SPACE
- COMMUNITY MIXED USE
- SINGLE FAMILY RESIDENTIAL
- SMALL LOT RESIDENTIAL
- MEDIUM DENSITY RESIDENTIAL
- HIGH DENSITY RESIDENTIAL
- NEIGHBORHOOD RESIDENTIAL
- NEIGHBORHOOD COMMERCIAL
- COMMUNITY COMMERCIAL
- REGIONAL COMMERCIAL
- BUSINESS PARK
- INDUSTRIAL

AEROTECH ENVIRONMENTAL CONSULTING

VICINITY ZONING MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

0 400 800
SCALE (feet)

Date: 11/06/18
By: Nick Gerkin
Figure: 5

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

B' ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

Landscaping

POSSIBLE FORMER
UST BASIN

Discharge to
Drainage Ditch
(3'D Perforated Pipe)

FORMER
PUMP
ISLANDS

BIO-SWALE
POND

MW10

MW2

MW1

TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015

MW11

MW4

FORMER
UST BASINS

MW12

MW3

MW9

DOT CONSTRUCTION AREA
(FUTURE OFF-RAMP)

MW5

Fire
Hydrant

MW6

MW7

MW8

0 15 30
SCALE (feet)

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 Groundwater Monitoring Well

Former Fill Port Location

Property Boundary

Fencing

Storm Sewer

Electrical Utility

Gas Utility

Water Utility

FORMER STATION FEATURES & UTILITIES MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/08/18

By: Nick Gerkin

Figure: 6

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

Landscaping

ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

POSSIBLE FORMER
UST BASIN

Discharge to
Drainage Ditch
(3'D Perforated Pipe)

FORMER
PUMP
ISLANDS

BIO-SWALE
POND

TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015

MW1 MW2 MW3 MW4 MW5 MW6 MW7 MW8 MW9 MW10 MW11 MW12

B1 B2 B3 B4 B5 B6 B7 B8 B9

EB1 EB2 EB3 EB4 EB5 EB6 EB7 EB8 EB9

P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15 P16 P17 P18 P19 P20 P21 P22 P23 P24 P25 P26 P27 P28 P29 P30 P31 P32 P33 P34

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19

Fire
Hydrant

0 15 30
SCALE (feet)

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 Groundwater Monitoring Well

TP19 Excavation Test Pit

2016 Excavation Extent

Soil Boring

Excavation Confirmation

Former Fill Port Location

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

CUMULATIVE SOIL ANALYTICAL RESULTS MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/3/18

By: Justin Foslien

Figure: 7

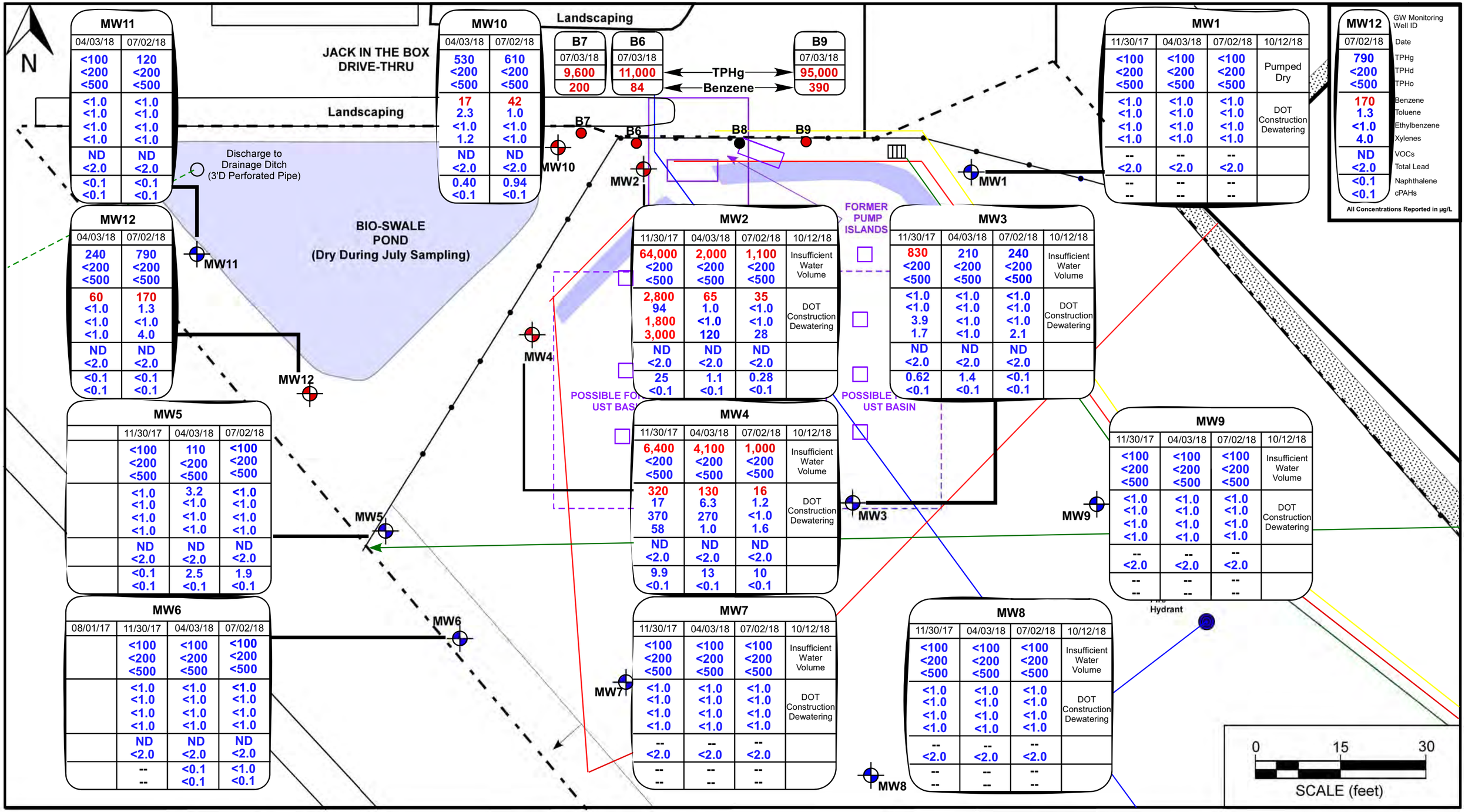

MW11	
04/03/18	07/02/18
<100 <200 <500	120 <200 <500
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
ND <2.0	ND <2.0
<0.1 <0.1	<0.1 <0.1

MW10	
04/03/18	07/02/18
530 <200 <500	610 <200 <500
17 2.3 <1.0 1.2	42 1.0 <1.0 <1.0
ND <2.0	ND <2.0
0.40 <0.1	0.94 <0.1

B7	B6	B9
07/03/18	07/03/18	07/03/18
9,600	11,000	95,000
200	84	390

MW1			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Pumped Dry
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

MW12	GW Monitoring Well ID
07/02/18	Date
790	TPHg
<200	TPHd
<500	TPHo
170	Benzene
1.3	Toluene
<1.0	Ethylbenzene
4.0	Xylenes
ND	VOCs
<2.0	Total Lead
<0.1	Naphthalene
<0.1	cPAHs

All Concentrations Reported in µg/L

MW12	
04/03/18	07/02/18
240 <200 <500	790 <200 <500
60 <1.0 <1.0 <1.0	170 1.3 <1.0 4.0
ND <2.0	ND <2.0
<0.1 <0.1	<0.1 <0.1

MW2			
11/30/17	04/03/18	07/02/18	10/12/18
64,000 <200 <500	2,000 <200 <500	1,100 <200 <500	Insufficient Water Volume
2,800 94 1,800 3,000	65 1.0 <1.0 120	35 <1.0 <1.0 28	DOT Construction Dewatering
ND <2.0	ND <2.0	ND <2.0	
25 <0.1	1.1 <0.1	0.28 <0.1	

MW3			
11/30/17	04/03/18	07/02/18	10/12/18
830 <200 <500	210 <200 <500	240 <200 <500	Insufficient Water Volume
<1.0 <1.0 3.9 1.7	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 2.1	DOT Construction Dewatering
ND <2.0	ND <2.0	ND <2.0	
0.62 <0.1	1.4 <0.1	<0.1 <0.1	

MW5		
11/30/17	04/03/18	07/02/18
<100 <200 <500	110 <200 <500	<100 <200 <500
<1.0 <1.0 <1.0 <1.0	3.2 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
ND <2.0	ND <2.0	ND <2.0
<0.1 <0.1	2.5 <0.1	1.9 <0.1

MW4			
11/30/17	04/03/18	07/02/18	10/12/18
6,400 <200 <500	4,100 <200 <500	1,000 <200 <500	Insufficient Water Volume
320 17 370 58	130 6.3 270 1.0	16 1.2 <1.0 1.6	DOT Construction Dewatering
ND <2.0	ND <2.0	ND <2.0	
9.9 <0.1	13 <0.1	10 <0.1	

MW9			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Insufficient Water Volume
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

MW6			
08/01/17	11/30/17	04/03/18	07/02/18
	<100 <200 <500	<100 <200 <500	<100 <200 <500
	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
	ND <2.0	ND <2.0	ND <2.0
	--<br--	<0.1 <0.1	<1.0 <0.1

MW7			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Insufficient Water Volume
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

MW8			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Insufficient Water Volume
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 — Groundwater Monitoring Well

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

All other analytes were not detected at or above the Laboratory Minimum Reporting Llimits

GROUNDWATER ANALYTICAL RESULTS MAP - 07/02/18

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 07/30/18

By: Nick Gerkin

Figure: 8

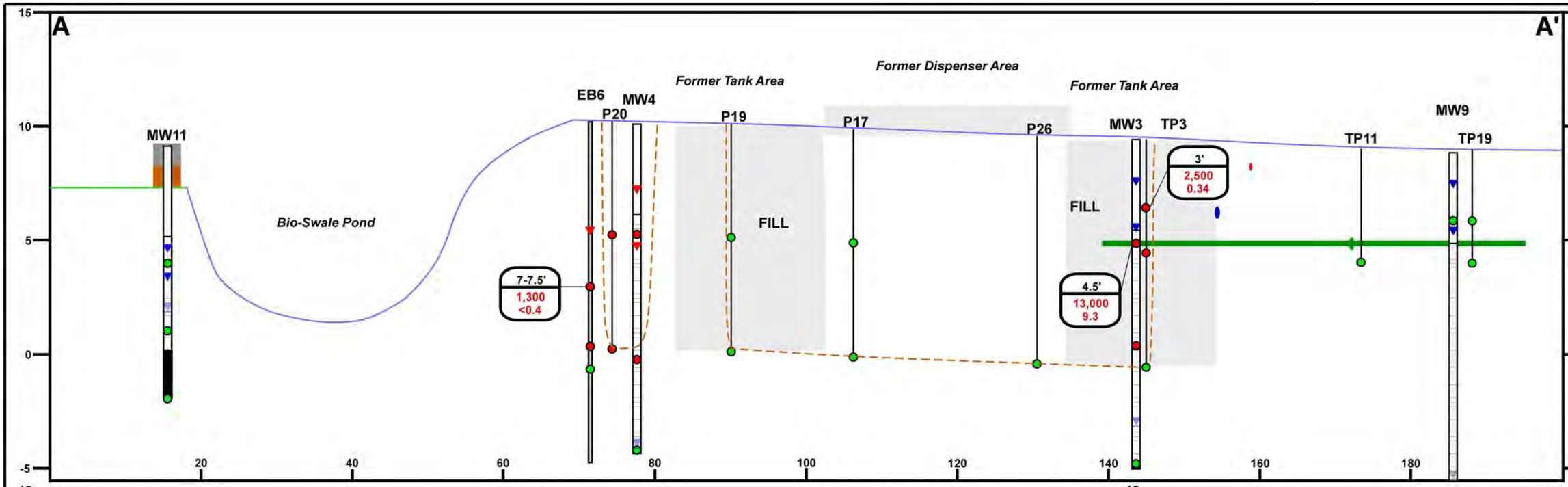

Gasoline & Benzene Concentrations > 1,000 TPHg (mg/kg) and/or > 1 (mg/kg) Benzene in Soil

7-7.5' Depth
1,300 TPHg
1,300 Benzene

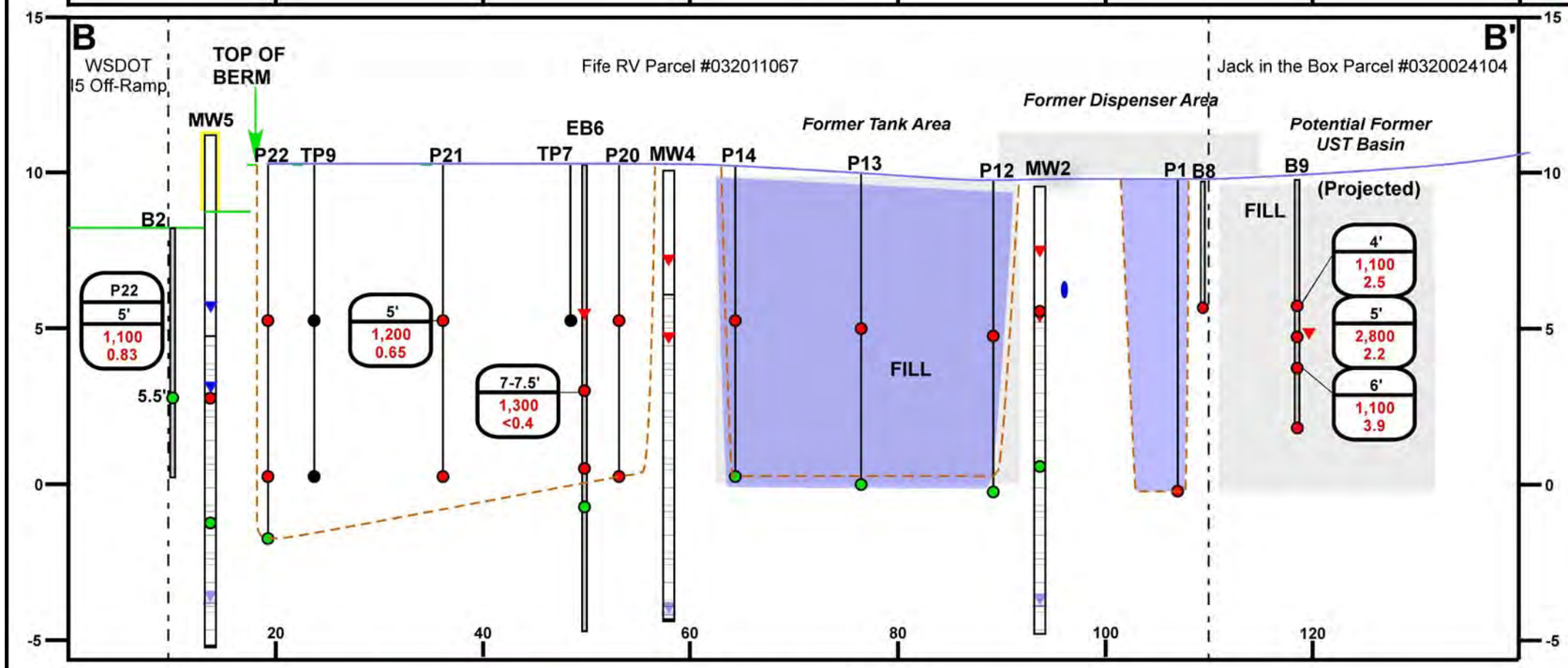

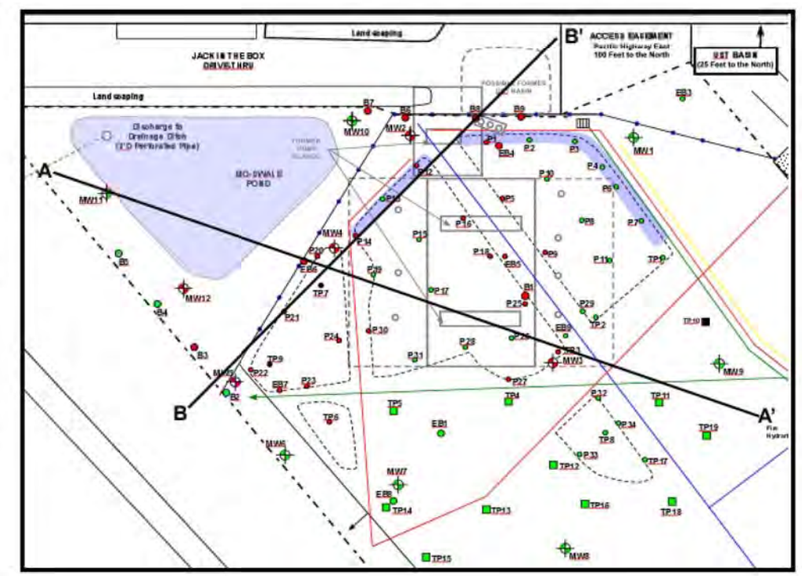

-Horizontal Distances in Feet
-Elevations in Feet Above MSL
-3X Vertical Exaggeration

AEROTECH
ENVIRONMENTAL CONSULTING

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

Black numbers and symbols indicate historic concentrations above the MTCA Method A Cleanup Levels that have subsequently been confirmed or excavated

Cool Guard HRL36 Liner Installed to 10-foot Depth

EXPLANATION

Historical Water Level (Highs & Lows)

Extent of Excavation

Screened Interval

20' Soil Sample Location

SP

SM/ML

10/12/18 Water Level

Electrical Line

Water Line

Sewer Line

CROSS SECTIONS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/10/18

By: Nick Gerkin

Figure: 9

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

Landscaping

ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

PUMP ISLANDS
(50 Feet to the North)

TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015

Water surface presumed to be at or near groundwater table and hydraulically connected by a 3' diameter perforated pipe leading to additional subsurface piping to the adjoining Drainage Ditch to the southwest

BIO-SWALE
POND
(Dry During July Sampling)

B7
B6
B8
B9

MW10
5.04

MW2
5.36

MW1
5.66

MW11
3.18

MW12
3.28

MW4
4.89

FORMER
PUMP
ISLANDS

POSSIBLE FORMER
UST BASIN

POSSIBLE FORMER
UST BASIN

MW3
5.65

MW9
5.59

MW5
3.37

5.5

3.5

4.0

MW6
4.49

4.5

Fire
Hydrant

DRAINAGE DITCH

Flows to
Hylebos Creek

MW7
4.81

5.0

MW8
5.34

0 15 30
SCALE (feet)

Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 — Groundwater Monitoring Well

3.28 — Groundwater Elevation in Feet

Groundwater Elevation Contour Line (Isopotential Line)

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

Storm Sewer

Electrical Utility

Gas Utility

Water Utility

POTENTIOMETRIC SURFACE MAP 07/02/18

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 07/30/18

By: Nick Gerkin

Figure: 10

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

Landscaping

B'

ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

POSSIBLE FORMER
UST BASIN

B7

B6

B9

MW10
1.52

MW2

MW1
-3.84

Discharge to
Drainage Ditch
(3'D Perforated Pipe)

FORMER
PUMP
ISLANDS

BIO-SWALE
POND

MW11
1.94

MW4

1

MW12
0.70

0

-1

-2

-3

MW5
-3.75

COMPACTED GRAVEL STAGING AREA
(up to Fife RV Property Line)

MW3

MW9

MW6
-3.90

MW7

Fire
Hydrant

MW8

Calculated Groundwater Flow
Direction and Gradient:

0.071 ft/ft

0 15 30
SCALE (feet)

Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 — Groundwater Monitoring Well

Former Fill Port Location

Fencing

Cool Guard HRL36 Liner
Installed to 10-Foot Depth

Property Boundary

Storm Sewer

Electrical Utility

Gas Utility

Water Utility

POTENTIOMETRIC SURFACE MAP 10/12/18

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/06/18

By: Nick Gerkin

Figure: 11

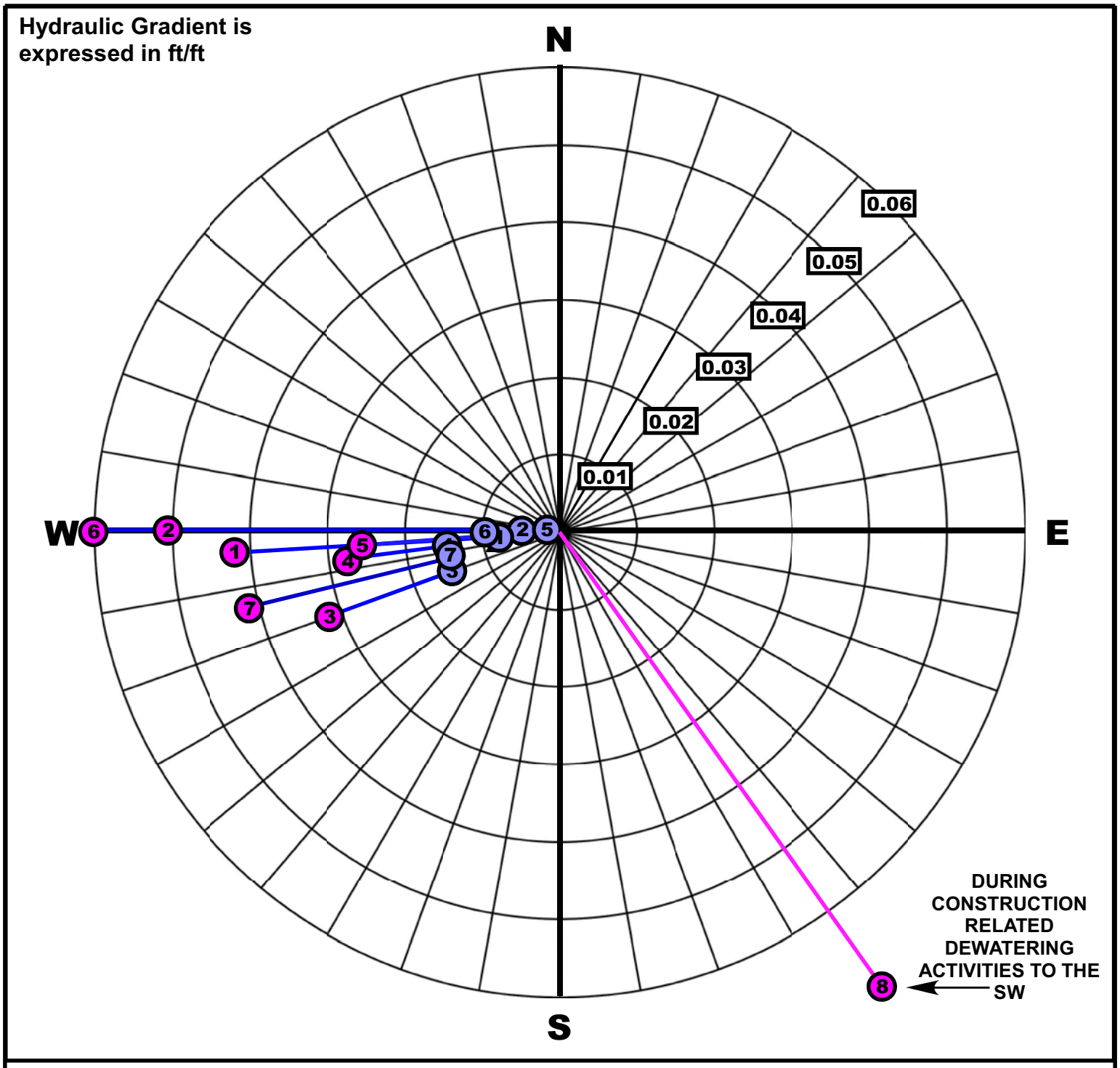

HYDRAULIC GRADIENT RANGE AND SHALLOW GROUNDWATER FLOW DIRECTION

1	11/18/16	5	11/30/17
2	02/20/17	6	04/03/18
3	05/23/17	7	07/02/18
4	08/01/17	8	10/12/18

2 Maximum Calculated Gradient

2 Minimum Calculated Gradient

AEROTECH ENVIRONMENTAL CONSULTING

ROSE DIAGRAM

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/06/18
By: Nick Gerkin
Figure: 12

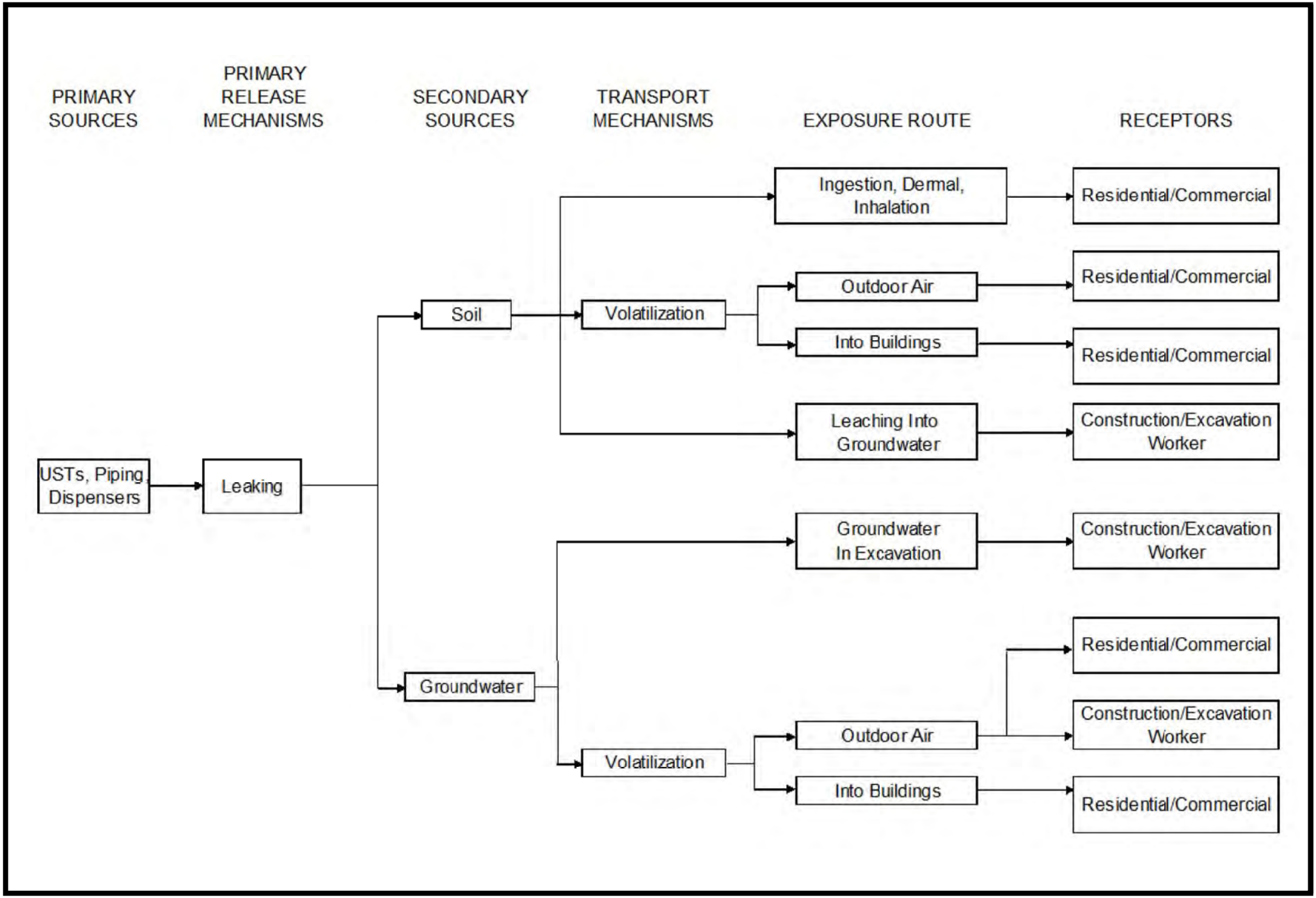

AEROTECH ENVIRONMENTAL CONSULTING

CONCEPTUAL SITE MODEL

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/09/18
By: Nick Gerkin
Figure: 13

• Tables

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Associated Earth Sciences, Inc. - Supplemental Phase II Environmental Site Assessment - January 24, 2014

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Total Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EB 1 2.5-3.5'	EB1	12/19/13	2.5 - 3.5	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 1 9.5-10'	EB1	12/19/13	9.5 - 10	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 2 8.5'	EB2	12/19/13	9	<20	<50[5]	<250[5]	<0.02[4]	<0.02[4]	<0.02[4]	<0.06[4]	--	--	--	--	--	--	--	--	--
EB 3 4-5'	EB3	12/19/13	4 - 5	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 4 4-5'[1]	EB4	12/19/13	4 - 5	**2,000**	660[3,5]	<250[5]	**1.8**	**9.6**	**41**	**120**	--	--	--	--	--	--	--	--	12.3
EB 4 6.5-7.5'	EB4	12/19/13	6.5 - 7.5	3.9	<50[5]	<250[5]	<0.02	0.031	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 5 4-5'	EB5	12/19/13	4 - 5	**730**	220[3,5]	<250[5]	**1.4**	4.3	**12**	**50**	--	--	--	--	--	--	--	--	--
EB 5 5.5-6.5'	EB5	12/19/13	5.5 - 6.5	**100**	<50[3,5]	<250[5]	**0.27**	0.75	0.27	0.89	--	--	--	--	--	--	--	--	7.08
EB 5 6.5-7.5'	EB5	12/19/13	6.5 - 7.5	22	<50[5]	<250[5]	**0.41**	0.25	0.038	<0.06	--	--	--	--	--	--	--	--	--
EB 5 9-10'	EB5	12/19/13	9 - 10	**1,300**	560[3,5]	--	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 6 7-7.5'	EB6	12/19/13	7 - 7.5	--	--	<250[5]	**<0.4**	**8**	**16**	5.1	--	--	--	--	--	--	--	--	9
EB 6 9.5-10'	EB6	12/19/13	9.5 - 10	5.7	<50[5]	<250[5]	**0.66**	<0.02	0.035	0.2	--	--	--	--	--	--	--	--	--
EB 6 10-11'	EB6	12/19/13	10 - 11	--	--	--	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 7 5.5-6'	EB7	12/19/13	5.5 - 6	<2	<50[5]	<250[5]	0.027	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 8 4-5'	EB8	12/19/13	4 - 5	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 8 8-9'	EB8	12/19/13	8 - 9	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 9 3-4'	EB9	12/19/13	3 - 4	4	--	--	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 10 4-4.5'	EB10	12/19/13	4 - 4.5	<2	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Site Remedial Excavation Report - November 1, 2016

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P1(10')	P1	10/03/16	10	9.0	<20	<50	**0.096**	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P2(5')	P2	10/03/16	5	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P3(10')	P3	10/03/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P4(5')	P4	10/03/16	5	8.5	<20	<50	<0.020	<0.050	0.10	<0.050	--	--	--	--	--	--	--	--	--
P5(5')	P5	10/03/16	5	**53**	<20	<50	**0.16**	0.071	0.84	0.15	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	7.8
P5(10')	P5	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P6(10')	P6	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P7(3')	P7	10/04/16	3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P8(10')	P8	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	
P9(5')	P9	10/04/16	5	**110**	<20	<50	**0.15**	<0.050	5.1	<0.050	--	--	--	--	--	--	--	--	5.2
P9(10')	P9	10/04/16	10	23	<20	<50	<0.020	<0.050	0.34	<0.050	--	--	--	--	--	--	--	--	--
P10(10')	P10	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P11(10')	P11	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P12(5')	P12	10/05/16	5	**100**	<20	<50	**0.42**	0.18	1.7	0.54	--	--	--	--	--	--	--	--	--
P12(10')	P12	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P13(5')	P13	10/05/16	5	6.7	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P13(10')	P13	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P14(5')	P14	10/05/16	5	**60**	<20	<50	**0.15**	0.17	0.096	0.16	--	--	--	--	--	--	--	--	--
P14(10')	P14	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P15(10')	P15	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Site Remedial Excavation Report - November 1, 2016 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P16(5')	P16	10/06/16	5	**1,100**	<20	<50	**0.72**	0.072	**7.5**	**32**	--	--	--	--	--	--	--	--	7.0
P16(10')	P16	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P17(5')	P17	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P17(10')	P17	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P18(5')	P18	10/06/16	5	**130**	--	--	**0.29**	<0.050	1.5	2.4	--	--	--	--	--	--	--	--	--
P18(10')	P18	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P19(5')	P19	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P19(10')	P19	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP1(5')	TP1	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP2(5')	TP2	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP2(10')	TP2	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP3(3')	TP3	10/06/16	3	**2,500**	--	--	**0.34**	0.35	**15**	**10**	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
TP3(5')	TP3	10/06/16	5	**650**	--	--	**0.53**	5.3	**7.5**	**7.3**	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
TP3(10')	TP3	10/06/16	10	27	--	--	<0.020	<0.050	0.18	0.25	--	--	--	--	--	--	--	--	--
TP4(3')	TP4	10/06/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP4(5')	TP4	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP4(10')	TP4	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP5(5')	TP5	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP5(10')	TP5	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP6(5')	TP6	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP6(10')	TP6	10/06/16	10	12	--	--	**0.071**	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP7(5')[1]	TP7	10/06/16	5	**690**	<20	<50	**0.90**	1.9	**32**	0.33	--	--	--	--	--	--	--	--	--
TP8(3')[1]	TP8	10/06/16	3	**60**	--	--	<0.020	<0.050	1.2	<0.050	--	--	--	--	--	--	--	--	--
TP8(5')	TP8	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP9(5')[1]	TP9	10/06/16	5	**6,090**	<20	<50	**4.0**	4.0	**66**	**130**	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
TP9(10')[1]	TP9	10/06/16	10	**240**	--	--	**0.59**	1.5	1.6	3.7	--	--	--	--	--	--	--	--	--
TP11(5')	TP11	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP12(5')	TP12	10/06/16	5	18	--	--	<0.020	<0.050	<0.050	0.082	--	--	--	--	--	--	--	--	--
TP13(5')	TP13	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP14(5')	TP14	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP14(10')	TP14	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP15(5')	TP15	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP15(10')	TP15	10/07/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP16(3')	TP16	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP16(5')	TP16	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP17(3')	TP17	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP17(5')	TP17	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP18(3')	TP18	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(3')	TP19	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(5')	TP19	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P20(5')	P20	10/20/16	5	**57**	--	--	**0.065**	0.101	0.15	0.16	--	--	--	--	--	--	--	--	--
P20(10')	P20	10/20/16	10	20	--	--	**0.24**	<0.050	0.09	0.084	--	--	--	--	--	--	--	--	--
P21(5')	P21	10/20/16	5	**1,200**	--	--	**0.65**	0.59	**8.1**	**24**	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Site Remedial Excavation Report - November 1, 2016 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP18(3')	TP18	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(3')	TP19	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(5')	TP19	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P20(5')	P20	10/20/16	5	**57**	--	--	**0.065**	0.101	0.15	0.16	--	--	--	--	--	--	--	--	--
P20(10')	P20	10/20/16	10	20	--	--	**0.24**	<0.050	0.09	0.084	--	--	--	--	--	--	--	--	--
P21(5')	P21	10/20/16	5	**1,200**	--	--	**0.65**	0.59	**8.1**	**24**	--	--	--	--	--	--	--	--	--
P21(10')	P21	10/20/16	10	**66**	--	--	**0.11**	0.14	0.34	0.74	--	--	--	--	--	--	--	--	--
P22(5')	P22	10/20/16	5	**1,100**	--	--	**0.83**	1.9	**20**	**7.9**	--	--	--	--	--	--	--	--	--
P22(10')	P22	10/20/16	10	**34**	--	--	0.029	<0.050	0.43	0.19	--	--	--	--	--	--	--	--	--
P22(12')	P22	10/20/16	12	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P23(5')	P23	10/20/16	5	**760**	--	--	**0.46**	0.74	4.8	2.4	--	--	--	--	--	--	--	--	--
P23(10')	P23	10/20/16	10	16	--	--	<0.020	<0.050	0.22	0.10	--	--	--	--	--	--	--	--	--
P24(5')	P24	10/20/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P24(10')	P24	10/20/16	10	**50**	--	--	**0.26**	<0.050	1.5	0.86	--	--	--	--	--	--	--	--	--
P25(5')	P25	10/21/16	5	**5,200**	--	--	**4.6**	**25**	**35**	**230**	--	--	--	--	--	--	--	--	--
P25(10')	P25	10/21/16	10	**350**	--	--	**0.16**	3.4	1.6	**16**	--	--	--	--	--	--	--	--	--
P26(10')	P26	10/21/16	10	12	--	--	<0.020	<0.050	<0.050	0.41	--	--	--	--	--	--	--	--	--
P27(5')	P27	10/21/16	5	**58**	--	--	<0.020	<0.050	0.095	0.39	--	--	--	--	--	--	--	--	--
P28(5')	P28	10/21/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P28(10')	P28	10/21/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P29(3')	P29	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P30(5')	P30	10/24/16	5	**200**	--	--	**0.086**	0.19	0.28	0.40	--	--	--	--	--	--	--	--	--
P30(10')	P30	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P31(10')	P31	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P32(3')	P32	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P33(3')	P33	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P34(3')	P34	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Groundwater Monitoring Well Installation Report - November 17, 2016

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-1 (4.5')	MW-1	11/10/16	4.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-1 (10')	MW-1	11/10/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-2 (4')	MW-2	11/10/16	4	**250**	--	--	**0.53**	0.54	3.8	0.84	--	--	--	--	--	--	--	--	--
MW-2 (9')	MW-2	11/10/16	9	24	--	--	<0.020	0.065	0.6	0.16	--	--	--	--	--	--	--	--	--
MW-3 (4.5')	MW-3	11/10/16	4.5	**13,000**	--	--	**9.3**	2.6	**470**	5.4	--	--	--	--	--	--	--	--	--
MW-3 (9')	MW-3	11/10/16	9	**51**	--	--	<0.020	<0.050	0.27	0.096	--	--	--	--	--	--	--	--	--
MW-3 (14.5')	MW-3	11/10/16	14.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-4 (5')	MW-4	11/10/16	5	**55**	--	--	**0.061**	0.27	0.22	0.2	--	--	--	--	--	--	--	--	--
MW-4 (10.5)	MW-4	11/10/16	10.5	**150**	--	--	**0.51**	1.2	1.1	1.7	--	--	--	--	--	--	--	--	--
MW-4 (14.5)	MW-4	11/10/16	14.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Groundwater Monitoring Well Installation Report - November 17, 2016 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-5 (6')	MW-5	11/10/16	6	**34**	--	--	**0.090**	0.66	0.25	0.31	--	--	--	--	--	--	--	--	--
MW-5 (10')	MW-5	11/10/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-6 (9')	MW-6	11/11/16	9	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-6 (10.5')	MW-6	11/11/16	10.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Upgradient Delineation Groundwater Monitoring Well Installation Report - August 16, 2017

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1(5)	B1	07/13/17	5	**1,200**	350[2]	<50	**2.1**	2.4	**51**	**26**	<0.005	<0.02	<0.1	**0.22**	**0.29**	0.97	0.0068	<0.20	14
B1(9)	B1	07/13/17	9	--	--	--	--	--	--	--	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
MW7(11)	MW7	07/13/17	11	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW8(5)	MW8	07/13/17	5	--	<20	<50	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8(10)	MW8	07/13/17	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	2.9
MW9(3)	MW9	07/13/17	3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	37
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Downgradient Groundwater Monitoring Well Installation Report - April 27, 2018

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW10(4)	MW10	02/23/18	4	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	<0.005	<0.02	<0.1	<0.02	<0.02	<0.10	<0.10	<0.20	5.3
MW10(9)	MW10	02/23/18	9	14	<20	<50	<0.020	<0.050	0.110	<0.050	<0.005	<0.02	<0.1	<0.02	<0.02	<0.10	<0.10	<0.20	6.9
MW10(14)	MW10	02/23/18	14	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW11(3.3)	MW11	02/23/18	3.3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	<0.005	<0.02	<0.1	<0.02	<0.02	<0.10	<0.10	<0.20	16
MW11(6.3)	MW11	02/23/18	6.3	6.3	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW11(9.3)	MW11	02/23/18	9.3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW12(4.5)	MW12	02/23/18	4.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	<0.10	<0.10	--	7.9
MW12(7)	MW12	02/23/18	7	**32**	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW12(12.5)	MW12	02/23/18	12.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B2(5.5)	B2	07/03/18	5.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
B3(7)	B3	07/03/18	7	**70**	--	--	**0.070**	0.16	2.4	0.99	--	--	--	--	--	--	--	--	--
B3(12)	B3	07/03/18	12	6.4	--	--	<0.020	<0.050	0.075	<0.050	--	--	--	--	--	--	--	--	--
B4(6)	B4	07/03/18	6	9.2	--	--	<0.020	<0.050	0.075	<0.050	--	--	--	--	--	--	--	--	--
B5(3.5)	B5	07/03/18	3.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
B5(6)	B5	07/03/18	6	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
B6(6)	B6	07/03/18	6	**190**	--	--	**0.59**	1.2	3.1	1.1	--	--	--	--	--	--	--	--	--
B6(7)	B6	07/03/18	7	**120**			**0.12**	0.32	4.2	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B7(5)	B7	07/03/18	5	**2,400**	--	--	**0.48**	1.6	**20**	**34**	--	--	--	--	--	--	--	--	--
B7(7)	B7	07/03/18	7	**920**	--	--	**6.0**	0.86	**14**	**7.0**	--	--	--	--	--	--	--	--	--
B8(4)	B8	07/03/18	4	**350**	--	--	**0.70**	1.4	3.0	1.6	--	--	--	--	--	--	--	--	--
B9(4)	B9	07/03/18	4	**1,200**	--	--	**2.5**	2.8	7.4	1.8	--	--	--	--	--	--	--	--	--
B9(5)	B9	07/03/18	5	**2,800**	--	--	**2.2**	2	**13**	**26**	--	--	--	--	--	--	--	--	--
B9(6)	B9	07/03/18	6	**1,100**	--	--	**3.9**	2.0	**23**	4.4	--	--	--	--	--	--	--	--	--
B9(8)	B9	07/03/18	8	24	--	--	<0.020	<0.050	0.49	0.11									
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface mg/kg = milligram of analyte per kilogram of soil j
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Benzene , Toluene, Ethylbenzene, Xylenes by EPA Method 8021B
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
MTBE = Methyl-tert-butyl-ether EDC = 1,2-Dichloroethane EDB = 1,2-Dibromoethane TCE = Trichloroethene Methylene Chloride; by EPA Method 8260B
Lead by EPA Method 7010
ND = Not Detected (minimum detection limit unknown)
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for soil
* = Method B Cleanup Level, Ecology does not have a Method A Cleanup Level designated for EDC
1 = Soil from which this sample originated was removed during the Remedial Excavation
2 = Unidentifiable petroleum product in diesel range, possibly creosote (see lab report for further detail and chromatograph)
3 = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
4 = The sample was received in a container not approved by the method. The value reported should be considered an estimate.
5 = The sample extract was passed through a silica gel column prior to analyses.
^ = Effective concentration using Toxic Equivalency Factor per WAC 173-340-708{e}: SUM(Benzo(a)pyrene (x1), Benzo(a)anthracine (x0.1), Benzo(b)fluoranthene (x0.1), Benzo(k)fluoranthene (x0.1), Chrysene (x0.01), Dibenz(a,h)anthracene (x0.1), Indeno(1,2,3-cd)pyrene (x0.1)

TABLE 2
SURFACE WATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018

Sample ID	Location Description	Sampling Date	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl- benzene	Total Xylenes
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
POND-NE	NE BioSwale - Down the Bank from MW10	02/23/18	140	--	--	<1.0	<1.0	1.3	<1.0
POND-EXIT	Perforated Casing Where BioSwale Water Exits to SW Drainiage Ditch	02/23/18	<100	--	--	<1.0	<1.0	<1.0	<1.0
MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface µg/L = microgram of analyte per liter of water
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Benzene, Toluene, Ethylbenzene, and Total Xylenes
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for surface Water.

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW1

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.4	11/18/16	1.37	8.37	7.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	1.19	8.37	7.18	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	1.72	8.37	6.65	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	2.92	8.37	5.45	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	1.37	8.37	7.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	04/03/18	1.97	8.37	6.40	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	2.71	8.37	5.66	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	12.21	8.37	-3.84	Pumped Dry During Low-Flow Sampling Procedures - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160	0.1	15	15

MW2

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.2	11/18/16	2.53	9.40	6.87	**18,000**	<200	<500	**470**	18	210	200	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	2.25	9.40	7.15	**29,000**	<200	<500	**720**	26	490	700	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	3.02	9.40	6.38	**10,000**	<200	<500	**300**	18	93	400	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	4.40	9.40	5.00	**25,000**	<200	<500	**980**	62	540	**1,300**	<0.01	<1.0	<5.0	ND	4.3	<0.1	--	<2.0
	11/30/17	2.43	9.40	6.97	**64,000**	<200	<500	**2,800**	94	**1,800**	**3,000**	<0.01	<1.0	<5.0	ND	25	<0.1	--	<2.0
	04/03/18[1]	3.32	9.57	6.25	**2,000**	<200	<500	**65**	1	<1.0	120	<0.01	<1.0	<5.0	ND	1.1	<0.1	--	<2.0
	07/03/18	4.21	9.57	5.36	**1,100**	<200	<500	**35**	<1.0	<1.0	28	<0.01	<1.0	<5.0	ND	0.28	<0.1	--	<2.0
	10/12/18	13.48	9.57	-3.91	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW3

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.6	11/18/16	2.19	9.43	7.24	**42,000**	<200	<500	**130**	16	**2,800**	120	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	2.02	9.43	7.41	**10,000**	<200	<500	**28**	<1,000	620	92	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	2.65	9.43	6.78	**6,700**	<200	<500	**21**	1.4	210	57	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	4.05	9.43	5.38	620	<200	<500	<1.0	<1.0	2.4	1.3	<0.01	<1.0	<5.0	ND	0.60	<0.1	--	<2.0
	11/30/17	2.22	9.43	7.21	**830**	<200	<500	<1.0	<1.0	3.9	1.7	<0.01	<1.0	<5.0	ND	0.62	<0.1	--	<2.0
	04/03/18	2.85	9.43	6.58	210	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	1.4	<0.1	--	<2.0
	07/03/18	3.78	9.43	5.65	240	<200	<500	<1.0	<1.0	<1.0	2.1	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	12.60	9.43	-3.17	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW4

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.5	11/18/16	3.31	10.12	6.81	**1,900**	<200	<500	**140**	<1.0	13	7.70	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	3.08	10.12	7.04	**6,800**	<200	<500	**220**	35	340	22	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	3.88	10.12	6.24	**1,600**	<200	<500	**120**	6.0	12	3.8	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	5.61	10.12	4.51	**2,100**	<200	<500	**94**	4.4	170	1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	3.15	10.12	6.97	**6,400**	<200	<500	**320**	17	370	58	<0.01	<1.0	<5.0	ND	9.90	<0.1	--	<2.0
	04/03/18	4.10	10.12	6.02	**4,100**	<200	<500	**130**	6.3	270	1.0	<0.01	<1.0	<5.0	ND	13	<0.1	--	<2.0
	07/03/18	5.23	10.12	4.89	**1,000**	<200	<500	**16**	1.2	<1.0	1.6	<0.01	<1.0	<5.0	ND	10	<0.1	--	<2.0
	10/12/18	14.27	10.12	-4.15	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	i	0.01	5	20	Variable	160*	0.1	15	15

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW5

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
17.5	11/18/16	5.17	11.27	6.10	**2,100**	<200	<500	**250**	1.6	5.6	2.1	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	5.16	11.27	6.11	700	<200	<500	**52**	<1.0	2.2	2.4	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	6.34	11.27	4.93	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	8.31	11.27	2.96	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	5.07	11.27	6.20	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	04/03/18	6.13	11.27	5.14	110	<200	<500	3.2	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	2.5	<0.1	--	<2.0
	07/03/18	7.90	11.27	3.37	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	1.9	<0.1	--	<2.0
	10/12/18	15.02	11.27	-3.75	Pumped Dry During Low-Flow Sampling Procedures - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW6

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
17.5	11/18/16	4.72	11.40	6.68	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	4.69	11.40	6.71	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	5.85	11.40	5.55	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	7.32	11.40	4.08	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	6.72	11.40	4.68	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	5.67	11.40	5.73	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	07/03/18	6.91	11.40	4.49	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	15.30	11.40	-3.90	<100	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW7

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.2	08/01/17	5.83	10.09	4.26	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	3.12	10.09	6.97	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	4.12	10.09	5.97	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	5.28	10.09	4.81	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	12.51	10.09	-2.42	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW8

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.1	08/01/17	5.26	10.26	5.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	3.16	10.26	7.10	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	3.78	10.26	6.48	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	4.92	10.26	5.34	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	12.46	10.26	-2.20	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

TABLE 3
GROUNDWATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW9

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.3	08/01/17	3.57	8.84	5.27	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	1.58	8.84	7.26	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	3.25	8.84	5.59	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	3.47	8.84	5.37	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	11.50	8.84	-2.66	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160	0.1	15	15

MW10

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	04/03/18	7.01	12.94	5.93	530	<200	<500	**17**	2.30	<1.0	1.20	<0.01	<1.0	<5.0	ND	0.40	<0.1	--	<2.0
	07/03/18	7.90	12.94	5.04	610	<200	<500	**42**	1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	0.94	<0.1	--	<2.0
	10/12/18	11.42	12.94	1.52	**15,000**	--	--	**190**	7.5	570	77	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW11

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	04/03/18	4.59	9.12	4.53	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	07/03/18	5.94	9.12	3.18	120	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	7.18	9.12	1.94	120	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW12

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	04/03/18	7.05	11.74	4.69	240	<200	<500	**60**	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	07/03/18	8.46	11.74	3.28	790	<200	<500	**170**	1.3	<1.0	4.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	11.04	11.74	0.70	**1,100**	--	--	**64**	1.4	<1.0	2.1	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160	0.1	15	15

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)

TOC = Top of Casing MSL = Mean Sea Level

< = not detected at indicated Laboratory Detection Limits -- not analyzed NM = Not Measured

TPHg - Total Petroleum Hydrocarbons - Gasoline by Method NWTPH-Gx

TPHd - Total Petroleum Hydrocarbons - Diesel by Method NWTPH-Dx TPHmo - Total Petroleum Hydrocarbons - Motor Oil by Method NWTPH-Dx extended

Benzene, Toluene, Ethylbenzene and Xylenes by EPA Method 8021B

MTBE = Methyl-tert-butyl-ether EDC = 1,2-Dichloroethane EDB = 1,2-Dibromoethane HVOCs = Halogenated Volatile Organic Compounds; by EPA Method 8260B

PAHs (including Naphthalene) by EPA Method 8270

Total and Dissolved Lead by EPA Method 7010

* = Effective concentration using Toxic Equivalency Factor per WAC 173-340-708{e}: SUM(Benzo(a)pyrene (x1), Benzo(a)anthracine (x0.1), Benzo(b)fluoranthene (x0.1), Benzo(k)fluoranthene (x0.1), Chrysene (x0.01), Dibenz(a,h)anthracene (x0.1), Indeno(1,2,3-cd)pyrene (x0.1)

1 = Wells surveyed/resurveyed on 02/28/18

ND = Not Detected above Laboratory Minimum Reporting Limits or applicable cleanup levels (see laboratory report for further detail)

Bolded numbers and red-shaded cells denote concentrations above the MTCA Cleanup Levels for groundwater

TABLE 4
GRAB GROUNDWATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Associated Earth Sciences, Inc. - Supplemental Phase II Environmental Site Assessment - January 24, 2014

Sample ID	Soil Boring/Point Well ID	Sampling Date	DTW	TPHg	TPHd	TPHo	Benzene	Toluene	Ethylbenzene	Total Xylenes	Methylene Chloride	Naphthalene	1,3,5-Trimethylbenze
			Feet BGS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EB 1 W	EB 1	12/19/13	7	<100	--	--	<1	8.8	1	9.2	--	--	--
EB 2 W	EB 2	12/19/13	7	<100	--	--	<1	6.7	<1	6.4	--	--	--
EB 3 W	EB 3	12/19/13	7	<100	<50	350	<1	8.9	1.2	9.2	--	--	--
EB 4 W	EB 4	12/19/13	4	**49,000**	**6000**[1]	<250	**1,100**	420	**2,800**	**6,000**	--	--	--
EB 5 W	EB 5	12/19/13	4	**16,000**	420[1]	<250	**430**	200	510	**1,970**	58[3]	130	**210**
EB 6 W	EB 6	12/19/13	5	**15,000**	**3800**[1]	<250	**510**	22	**1,500**	40	<5	**540**	4.4
EB 7 W	EB 7	12/19/13	6	**2,900**	**520**[1]	<250	**260**[2]	24	5.1	27	<5	<1	<1
EB 8 W	EB 8	12/19/13	6	<100	--	--	1.9	14	1.6	9.1	--	--	--
EB 9 W	EB 9	12/19/13	5	110	--	--	1.1	15	2.3	15	--	--	--
EB 10 W	EB 10	12/19/13	5	<100	<55	<280	<1	9.1	<1	5.1	--	--	--
MTCA Method A Cleanup Levels				800	500	500	5	1,000	700	1,000	5	160	--

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018

Sample ID	Soil Boring/Point Well ID	Sampling Date	DTW	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Methylene Chloride	Naphthalene	1,3,5-Trimethylbenze
			Feet BGS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
W-B6	B6	07/03/18	4.5	**11,000**	--	--	**84**	52	530	7.6	--	--	--
W-B7	B7	07/03/18	5	**9,600**	--	--	**200**	11	400	160	--	--	--
W-B9	B9	07/03/18	5	**95,000**	--	--	**390**	94	**2,000**	**1,800**	--	--	--
MTCA Method A Cleanup Levels				800	500	500	5	1,000	700	1,000	5	160	--

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface µg/L = microgram of analyte per liter of water
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Volatile Organic Compounds of Samples EB 5 W though EB 7 W by EPA Method 8260C
Benzene, Toluene, Ethylbenzene, and Total Xylenes of Samples EB 1 W though EB 4 W and EB 8 W through EB 10 W by EPA Method 8021B
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
Naphthalene; 1,3,5-Trimethylbenzene; Methylene Chloride; by EPA Method 8260B
ND = Not Detected (minimum detection limit unknown)
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for groundwater
1 = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
2 = Estimated concentration. A dilution is required to obtain an accurate quantification of the analyte.
3 = The presence of the compound indicated is likely due to laboratory contamination.
4 = The current Method B Non-carcinogen Standard Value was used in the table. No Method A or Method B carcinogen values have been established for this parameter.

Appendix A

Legal Description of Property & Owner and Operator History

APPENDIX A

LEGAL DESCRIPTION OF PROPERTY

Tax Description Parcel 0320111067

Section 11 Township 20 Range 03 Quarter 11 L 2 OF BLA 2001-03-23-5010 DESC AS COM AT NW COR OF NE OF NE TH E ALG N LI THEREOF 192.93 FT TH S 87 DEG 39 MIN 27 SEC E 29.45 FT TH N 2 DEG 20 MIN 33 SEC E 114.52 FT TO N LI OF NE OF NE TH CONT N 2 DEG 20 MIN 33 SEC E 35.19 FT TH S 88 DEG 18 MIN 46 SEC E 20 FT TH N 2 DEG 20 MIN 33 SEC E 64.73 FT TH S 88 DEG 02 MIN 46 SEC E 150.02 FT TH S 2 DEG 20 MIN 33 SEC W 100 FT TO N LI OF SEC TH S 88 DEG 02 MIN 46 SEC E ALG SD LI 5.06 FT TO ELY OF W 15 ACS OF SD NE OF NE TH S ALG SD LI 137.55 FT TH E PAR/W N LI OF SEC 65 FT TH S 2 DEG 31 MIN 07 SEC W 317.58 FT TO NLY LI OF PSH #1 TH WLY & NLY ALG SD LI N 76 DEG 51 MIN 45 SEC W 117.35 FT TO BEG OF C TO R HAVING RAD OF 309.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 39 DEG 17 MIN 30 SEC 212.11 FT TH N 37 DEG 34 MIN 15 SEC W 325.20 FT TO C TO L HAVING RAD OF 418.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 11 DEG 18 MIN 28 SEC 82.56 FT TO W LI OF NE OF NE TH N ALG SD LI .44 FT TH E PAR TO N LI OF SEC 159.60 FT TH N 65 DEG 31 MIN 29 SEC E 36.77 FT TO POB TOG/W THAT POR ABUTT CYD BY CY OF FIFE PER ETN 4198513 DESC AS W 150.02 FT OF FOLL DESC PROP S 20 FT OF A STRIP OF LD 120 FT WIDE BEING 70 FT ON S & 50 FT ON N OF C/L OF PACIFIC HWY E EASE OF RECORD COMB FOR TAX PURPOSES ONLY COMB OF 1-063 & POR OF 0320024091 SEG 2009-0347 10/29/08 SK

CHRONOLOGICAL LISTING OF KNOWN PAST OWNERS AND OPERATORS

OWNER	LESSEE	BUSINESS OPERATOR	YEARS OF OCCUPATION
Unknown	--	Gasamet Service Station	1964-1987
Unknown	--	Freddie's Club of Fife	Closed in 2012
Hana Hou Wailea LLC	--	Fife RV Center	2008-present

Appendix B

Summary of Previous Investigations

APPENEDIX B

Summary of Previous Investigations
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Site Assessment
Jack In The Box (Parcel 0320024104)

In December 1987, Rittenhouse-Zeman & Associates ("RZA") completed a soil and foundation survey for Foodmaker Inc. While completing the geotechnical investigation, hydrocarbon odors were encountered at soil boring B-1 between 5 and 10 feet below ground surface ("bgs"). Samples collected from B-1; S-5 (11.0 -12.5 feet), contained TPH in above the current MTCA Method A screening levels ("screening levels") (RZA, 1988).

In January 1988, RZA completed additional investigation to further evaluate hydrocarbon previously noted. RZA advanced four soil borings at the corners of the property (B-1A, B-2, B-3, B-4) on January 5, 1988. No petroleum odor was observed in any of the four soil borings. Soil Sample S-4 collected from B-2 at 10-11.5 feet bgs contained TPH above the screening level (RZA, 1988).

Tahoma Express (Parcel 0320024105)

GeoEngineers explored subsurface soil conditions at the Unocal Service Station 7473 in 1990. Three test borings were advanced and constructed at groundwater monitoring wells MW-1, MW-2 and MW-3. The flow of groundwater was generally flat but toward the northwest. The study concluded that petroleum related contamination in subsurface soil and groundwater beneath the service station based on concentrations of benzene above drinking water standards in samples collected from MW-1 and MW-2. The wells were located adjacent to the UST basin (GeoEngineers, 1990).

GeoEngineers completed an additional investigation to evaluate the potential of groundwater contamination detected beneath the property was generated by the former Gasamet service station or an another of property source. Aerial photographs reviewed indicated the Gasamet station was previously located approximately 100 feet to the southwest of the Unocal Service Station 7343 and cross gradient to the groundwater flow direction beneath the parcel. A soil sample collected via hand auger in the UST backfill (HA-3) contained benzene at 1.7 mg/kg well above the screening levels. A review of the analytical results and the location of the service stations relative to the groundwater flow measured lead GeoEngineers to determine the source of the petroleum related contamination at the parcel was the result of releases from the Unocal station (GeoEngineers, 1991).

Fife RV (Parcel 0320111067)

In October 2013, Associated Earth Sciences, Inc. ("AESI") conducted a Phase I Environmental Site Assessment at the subject Property, now called Fife RV Center, located at 2410 Pacific Highway East in Fife, Washington. Within the Phase I, they state that a *Gasamet* fueling station operated at the northwest corner of the Property from the 1960s through the 1980s, and that the Property was listed on the Washington State Department of Ecology ("Ecology") CSCSL list for a petroleum release and arsenic release in the groundwater. Arsenic was determined not to be a contaminant of concern. A separate, remediated release was discovered at the northeast adjoining Chevron fueling station (which received a No Further Action designation from Ecology in 1993) (AESI, 2014).

Within the Phase I, AESI also stated that a third party conducted a Phase II investigation in 2004, finding that the soil and groundwater were impacted. Aerotech Environmental Consulting, Inc. ("Aerotech") tried to locate this document, but without success (AESI, 2014).

In December 2013, AESI observed a geophysical survey consisting of electromagnetism and ground-penetrating radar. No abandoned underground storage tanks ("USTs") or former UST basins were discovered from the survey.

The following day, AESI observed the advancement of ten direct push borings: nine to a depth of 10 feet bgs, with EB6 to 15 feet bgs. Soil samples were collected at every borehole, and analyzed for TPHg, TPHd, TPHo, and BTEX. Select samples from EB4 through EB6 (near the former pump islands) were additionally analyzed for total lead. Concentrations of TPHg and BTEX were detected above screening levels in EB4 at 5 feet bgs. Concentrations of TPHg, benzene, ethylbenzene, and total xylenes were detected above screening levels in EB5. Concentrations of benzene, toluene, and ethylbenzene were detected above screening levels in EB6. No other analytes were detected above the screening levels (AESI, 2014).

One groundwater grab sample was collected from the screened interval at the base of each of the ten temporary borings: nine at a depth of 10 feet bgs, while EB6 was at a depth of 15 feet bgs. All samples were analyzed for TPHg and BTEX. EB3W through EB7W, as well as EB10W, were additionally analyzed for TPHd and TPHo. EB5W through EB7W were also analyzed volatile organic compounds by EPA Method 8260C. Concentrations of TPHg and benzene were detected above screening levels for groundwater in EB4W though EB7W (i.e. within and immediately southeast of the fueling area.) Concentrations of TPHd were detected above screening levels in EB4W and EB6W, for which AESI states, "The sample chromatographic pattern does not resemble the fuel standard used for quantitation." Concentrations of ethylbenzene was detected above screening levels in EB4W and EB6W, while total xylenes were detected above screening levels in EB4W and EB5W. Naphthalene was detected above the groundwater screening levels in EB6W. Methylene chloride was detected above screening levels in EB5W, however AESI attributed this to laboratory contamination.

Aerotech can confirm that the lab results from Friedman & Bruya, Inc. provided within the report, indicate a separate analysis of EPA Method 8260C for this sample does not detect methylene chloride above detection limits. Concentrations of 1,3,5-trimethylbenzene were detected above MTCA Method B Non-carcinogen Standard Values in EB5W. No Method A or Method B Carcinogen values are set for this compound. No other analytes were detected above the MTCA Method A screening levels (AESI, 2014).

Aerotech installed six 2-inch PVC Groundwater Monitoring Wells, north, west and southwest of the former *Gasamet* Pump island and UST areas. Two wells, MW-1 and MW-2, were installed in the probable upgradient groundwater flow direction to the north, and three wells, MW-4, MW-5, and MW-6, were installed in the probable downgradient direction, south and west. Well screens were placed between 4 and 15 feet bgs, in order to accommodate water level fluctuations related to daily tides and Puyallup River water level variations, as well as local recharge. One well, MW-3, was installed at a "hot spot" near the center of the excavated area (Aerotech, 2016b).

Total Petroleum Hydrocarbons-Gasoline were detected above MTCA Method A screening levels for soil at MW-2, MW-4, and MW-5, at concentrations between 34 and 250 mg/kg (benzene at 0.061 to 0.530 mg/kg), and at MW-3 at 13,000 mg/kg (benzene at 9.3 mg/kg) (Aerotech, 2016b).

On July 14, 2017, Aerotech installed three 1-inch PVC Groundwater Monitoring Wells south and east of the former *Gasamet* Pump island and UST areas. Two wells, MW-7 and MW-8, were installed in the cross-gradient groundwater flow direction to the south, and one well, MW9, was installed in the upgradient groundwater flow direction to the east. Screens were placed at 14 feet bgs (Aerotech, 2017).

Four soil samples collected during well installation operations were analyzed. Lead, gasoline, diesel, and oil constituents were not detected. One additional borehole (B-1) was advanced in the unexcavated water main *hot zone* northwest of MW-3 in order to document additional MCTA Table 830 parameters; PCBs, cPAHs, and fuel additives were not detected or were below CULs, while methylene chloride and trichloroethylene (TCE) exceedances were documented in soil at B-1 (Aerotech, 2017).

On February 23, 2018, BoreTec Drilling, Inc., along with Aerotech Environmental Consulting, Inc. installed three 2-inch diameter PVC Groundwater Monitoring Wells west and southwest of the former *Gasamet*-related station features. Two wells, MW11 and MW12, were installed on the southside of the Bio-Swale pond, downgradient groundwater flow direction to the west and southwest. The other well, MW10, was installed downgradient groundwater flow direction from groundwater monitoring well MW2. Groundwater Monitoring Wells MW10 and MW12 were screened from 4 to 14 feet bgs. MW11 was screened from 2 to 9 feet bgs. Wells were developed by surge block and pump method on February 28, 2018 (Aerotech, 2018).

Nine soil samples collected during well installation operations were analyzed. petroleum constituents, lead, PCBs and VOCs were not detected above the MTCA Method A screening levels except for MW12(7), which contained gasoline concentrations above (Aerotech, 2018).

Historical Remediation Activities

Tahoma Express (Parcel 0320024105)

GeoEngineers monitored the UST removal and remedial activities at the Unocal Service Station 7343. Joe Hall Construction removed two 12,000-gallon USTs and associated product lines on August 18, September 2 and September 3. Two groundwater monitoring wells (MW-1 and MW-2 were removed during the excavation activities. No evidence of pits or holes were observed on the exterior surfaces of the tanks (GeoEngineers, 1992).

The gasoline tank excavation measured approximately 70 by 40 feet and extended to a depth of approximately 15.5 feet bgs. Field screening indicated the presence of gasoline impacted soil and pea gravel within the western portion of the excavation, primarily along the west wall and the base. Approximately 700 cubic yards of pea gravel and backfill material were removed from the excavation (GeoEngineers, 1992).

Groundwater was observed at 8 feet bgs and a sheen was noted on the groundwater seeping in from the west sidewall. A 22,000-gallon capacity Baker tank was used to store approximately 15,000 gallons of water removed from the excavation. Waste Disposal disposed of the water on September 2, 1992 (GeoEngineers, 1992).

Product lines associated with the USTs were removed by Joe Hall Construction from excavations that were approximately 40 by 4 feet and extending to a depth of 3.6 to 5 feet bgs. Approximately 50 cubic yards of soil were removed from the excavation. In total approximately 750 cubic yards were disposed at the Coal Creek Landfill from the UST and product line excavations (GeoEngineers, 1992).

A temporary groundwater recovery system and treatment system was installed at the Unocal service station on February 11, 1993 by GeoEngineers. The systems purpose was to remediate impacted groundwater detected in the pore spaces of the backfill surrounding the USTs. GeoEngineers concluded the gasoline impacted soil adjacent to the leaking turbine pump on the former easternmost UST appeared to be the source of the groundwater contamination. After operating for two weeks samples collected from effluent and the surrounding monitoring wells indicated remediation associated with the turbine release had been achieved (GeoEngineers, 1993).

Fife RV (Parcel 0320111067)

No known remediation activities occurred between the 1960s and December 19, 2013 (AESI, 2014).

Aerotech, along with Langseth Environmental Services Inc. ("Langseth") excavate, performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from the Phase II Supplemental Phase II Environmental Site Assessment were used to guide the initial stages of the excavation. Analytical results

from samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A screening levels at these locations. TPHg, Benzene, Toluene, Ethylbenzene, and Xylenes remain Constituents of Concern at the Site. Chlorinated Volatile Organic Compounds, TPHd, and TPHo not detected above laboratory Minimum Reporting Limits. Lead was detected, but at concentrations well below the MTCA Method A screening level for Soil. A saturated, wooded Bio-Swale is located on-Property to the Northwest of the subject Property Remedial Excavation and limited soil removal in that direction. Southwest of the Property, the topography slopes downward into a water retaining drainage area, which also limited soil removal. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST basin. Groundwater was encountered on Site at levels ranging from 3 to 10 feet bgs (Aerotech, 2016a).

Groundwater Monitoring Activities

Tahoma Express (Parcel 0320024105)

GeoEngineers conducted groundwater monitoring at the Unocal station from March 1990 until May 1993. Gasoline-range hydrocarbons were not detected in the May 1993 groundwater samples. The remediation of the subsurface soil and groundwater appeared to be achieved. GeoEngineers recommended Unocal to request closure from Ecology and the Tacoma Pierce County Health Department and to abandon groundwater monitoring wells MW-1A, MW2A, MW3, MW4, RW-1 and RW-2 in accordance with WAC Chapter 173-160.

Fife RV (Parcel 0320111067

Nine monitoring wells (MW-1 to MW-9) were sampled on August 1, 2017. Gasoline constituent exceedances were documented at only two wells, MW-2 and MW-4. Diesel fuel, VOCs, naphthalene, and lead were not detected in groundwater. Refer to the July 2017 quarterly groundwater monitoring report for details (Aerotech, 2017).

Appendix C

Historical Soil Boring Logs

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-1	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). **EB1-2.5-3.5** PID = 0.0 ppm					
5				Becomes fine to medium silty SAND, with fine to coarse gravel; no odor (SM). **EB1-4-5** PID = 0.0 ppm					
						▼			
10				Slightly moist, brown, fine to coarse silty SAND, few fine to coarse gravel; no odor (SM). **EB1-9.5-10** PID = 0.1 ppm					
				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-2	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). PID = 0.1 ppm					
				Slightly moist, blue and gray, fine to medium SAND, little fine to coarse gravel; slight organic odor (SW). PID = 0.1 ppm					
				Grades to moist.					
5				**EB2-4-5** PID = 0.1 ppm					
				Moist, gray, fine to coarse sandy SILT, trace fine gravel (ML).					
				EB2-6-7 PID = 0.1 ppm		▼			
				Grades to very moist, brown, fine SILT; organic odor (ML).					
				EB2-8.5 PID = 0.1 ppm					
				Moist, dark brown, fine to medium SAND; organic odor (SP).					
10				**EB2-9.5-10** PID = 0.1 ppm					
				Bottom of exploration boring at 10 feet					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 20, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-3	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to medium gravel; organic odor (SM). PID = 0.4 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML). **EB3-4-5** PID = 0.4 ppm					
5				PID = 0.4 ppm Very moist, brown, fine to medium sand, SILT; organic odor (ML) PID = 0.1 ppm					
				EB3-6-7 PID = 0.1 ppm		▼			
				Very moist, brown, fine silty SAND; organic odor (SM). **EB3-7-7.5** PID = 0.1 ppm					
				Very moist, brown, fine SILT; organic odor (ML). PID = 0.1 ppm **EB3-8-9** PID = 0.1 ppm					
				EB3-9-10 PID = 0.1 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-4	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). **EB4-2.5-3** PID = 4.9 ppm					
				Slightly moist, dark brown, fine SILT; petroleum odor (ML). **EB4-3.5-4** PID = 84.3 ppm		▼			
				Moist, dark brown, fine SILT (ML). **EB4-4-5** PID = 86.9 ppm					
5				Very moist, brown, fine sandy SILT; petroleum odor (SW). PID = 5.2 ppm					
				Grades to moist; slight petroleum odor. **EB4-6.5-7.5** PID = 0.5 ppm					
				Organic odor. **EB4-8-9** PID = 0.5 ppm					
10				Organic odor. **EB4-9-10** PID = 0.6 ppm					
				Bottom of exploration boring at 10 feet Ground water has slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-5	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). PID = 6.2 ppm **EB5-3-4** PID = 11.1 ppm					
				Slightly moist, brown, fine SILT; petroleum odor (ML). **EB5-4-5** PID = 138 ppm		▼			
5				Very moist, brown, fine sandy SILT; petroleum odor (ML). **EB5-5.5-6.5** PID = 184 ppm					
				Organic odor. **EB5-6.5-7.5** PID = 3.4 ppm PID = 4.1 ppm Organic odor.					
				PID = 0.7 ppm Moist, brown, fine SILT; organic odor (ML). **EB5-9-10** PID = 0.7 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-6	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, little fine to coarse gravel; slight petroleum odor (SM). **EB6-3-4** PID = 3.9 ppm					
				Grades to brown.					
				Grades to blue and gray. **EB6-4-5** PID = 1.2 ppm		▼			
5									
				Slightly moist, bray and blue, fine to medium silty SAND, few fine to coarse gravel; petroleum odor (SM). **EB6-6-7** PID = 103 ppm					
				EB6-7-7.5 PID = 43.8 ppm					
				Moist, brown, fine SILT; petroleum odor (ML). **EB6-7.5-8** PID = 5.5 ppm					
				Organic odor.					
				PID = 12.2 ppm					
10				**EB6-9.5-10** PID = 5.8 ppm Wet, dark brown, fine SILT; slight petroleum odor (ML) **EB6-10-11** PID = 0.6 ppm					
15				Bottom of exploration boring at 15 feet Standing water in 10 to 15 foot sleeve has sheen. Backfilled with bentonite.					

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-7	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, few fine gravel; no odor (SM). **EB7-3.5-4** PID = 2.5 ppm **EB7-4-5** PID = 1.9 ppm					
5				Slightly moist, gray, fine SILT; slight petroleum odor (ML). **EB7-5.5-6** PID = 2.5 ppm		▼			
10				Bottom of exploration boring at 10 feet Water has a slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-8	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND; no odor (SM). PID = 0.0 ppm **EB8-4-5** PID = 0.0 ppm					
5						▼			
				Moist, dark brown, fine SILT; organic odor (ML). **EB8-8-9** PID = 0.0 ppm					
				Becomes slightly moist. PID = 0.0 ppm **EB8-9-10** PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-9	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, trace fine gravel; no odor (SM).					
				EB9-2-3 PID = 0.0 ppm					
				Slightly moist, gray and blue, fine to coarse silty SAND, little fine gravel; petroleum odor (SM).					
				EB9-3-4 PID = 0.4 ppm					
				PID = 0.0 ppm					
				Slightly moist, dark brown, fine SILT; organic odor (ML).					
5				**EB9-4.5-5** PID = 0.0 ppm		▼			
				Slightly moist, gray, fine SILT; organic odor (ML).					
				EB9-5.5-6.5 PID = 0.0 ppm					
				Becomes moist.					
				PID = 0.0 ppm					
				EB9-7-7.5 PID = 0.0 ppm					
				Very moist, dark brown, fine SAND; organic odor (SW).					
				EB9-7.5-8 PID = 0.0 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML).					
				EB9-9-10 PID = 0.0 ppm					
				Organic odor.					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-10	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
5				Slightly moist, gray and blue, fine to medium silty SAND, few fine gravel; slight petroleum odor (SM). **EB10-4-4.5** PID = 20.0 ppm PID = 12.0 ppm		▼			
				Slightly moist, gray, fine SILT; no odor (ML). **EB10-7.5-8.5** PID = 0.0 ppm PID = 0.0 ppm **EB10-9-10** PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 20, 2014

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MONITORING WELL ID: **BORING LOG #: MW-1**

Project Name: FIFE RV, Fife, Wa **BIS 683**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 3.5 ft S of N Fence + 10 ft from bend in fence + 60 east of NWX fence

Borehole Area (AOC): N-NE of eastern terminus of upgradient fabric / Former UST-Pump areas

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 5 ft bgs

Low tide Commencement Bay at 0700 - high tide at 1300 - per NOAA Tables

Notes: 2 inch PVC GW Monitoring Well installed - No 10 screen at 4 to 14 ft bgs

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
							GP	Gravel Pavement *Concrete pad atop bentonite seal -->*	
1									
								Air-knife 3.5 ft west of natural gas main / electrical / storm sewer	
2					Air		SW	Air knife to 5.5 ft bgs	
					Knife			FILL - SAND, very fine to coarse, well graded, with silt, little to trace clay, little small to large subround tosubangular gravel, gray to olive gray, slightly moist, wet below 5 ft. Very slight but indistinct odor.	
3									
			0824						
4		0.3	LAB				SW	Hand auger sample from beneath air knife hole	--
5									--
									--
				2					--
6				3			ML	SILT, trace very fine sand, wet. No foul odor.	--
			LAB	3					--
7		0.0	0905					*No. 10-20 Colorado Silica Sand in annular space -->*	--
8									--
									--
				1					--
9			0915	1				SILT, trace very fine sand, roots below 9 ft. very moist to wet. No foul	--
		0.1	LAB	1					--
10				3					--
				3			SP	SAND, very fine to fine, trace silt, gray, wet.	--
11		0.0		3					--
									--
12									--
									--
				3					--
13		0.1	0935	3			SM	SILT AND SAND, very fine to fine,gray, wet.	--
14			LAB	4				No foul odor.	
15								Note 11-12 ft deep tank basin to NE most likely penetrates silt	
								Also, former Gasamet Station UST basin to south.	
16									
								WELL CONSTRUCTION DETAIL:	
17								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
18								Finished with 4 sq ft concrete pad and flush-mount monument	
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 feet. Well installed at 4 - 14 ft.	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **I31** **Page 2 of**

Project Name:

Project Number:

Drilling Information

Drilling Contractor:

Logged by:

Start Date: End Date:

Depth (ft)	Groundwater		Visual or Olfactory Evidence	Blow Counts	Recovery		**USCS** Classification	Soil Classification/ Description **UNIFIED SOIL CLASSIFICATION SYSTEM EXPLANATION**	Well Construction
							GW	**GRAVELS**, well-graded* OR Gravel+Sand mix, little-no fines	
							GP	**GRAVELS**, poorly-graded* OR Gravel+Sand mix, little-no fines	
							GM	**GRAVELS**, silty OR Gravel-sand-silt mix	
							GC	**GRAVELS**, clayey OR Gravel-sand-clay mix	
							SW	**SAND**, well-graded OR **Gravelly Sands**, little-no fines	
							SP	**SAND**, poorly-graded OR **Gravelly Sands**, little-no fines	
							SM	**SAND**, silty OR Sand-silt mix	
							SC	**SAND**, clayey OR Sand-clay mix	
							ML	**SILT**, inorganic (very fine sands, rock flour, silty or clayey fine	
								sands) OR Clayey silts with slight plasticity	
							CL	**CLAY**, inorganic, low-med plasticity (gravelly, sandy, silty, lean)	
							OL	**SILT**, organic, AND **SILT-CLAY**, organic, low plasticity	
							MH	**SILT**, inorganic (micaceous or diatomaceous fn sndy/silty soils)	
								OR SILTY SOILS, elastic SILTS	
							CH	**CLAY**, inorganic, high plasticity, fat clays	
							OH	**CLAY**, organic, med-high plasticity OR Organic SILTS	
							PT	**PEAT** and other highly organic SOILS	
								Glacial Till - High density, USCS/color indicates grain size	
								* **Terminology clarification**: The term "**Well graded**" is a synonym for "**Poorly sorted**," both meaning that a wide range of particle sizes are present. The former term is employed in geotechnical descriptions, while the latter is preferred by the USDA in characterizing topsoils and subsoils.	

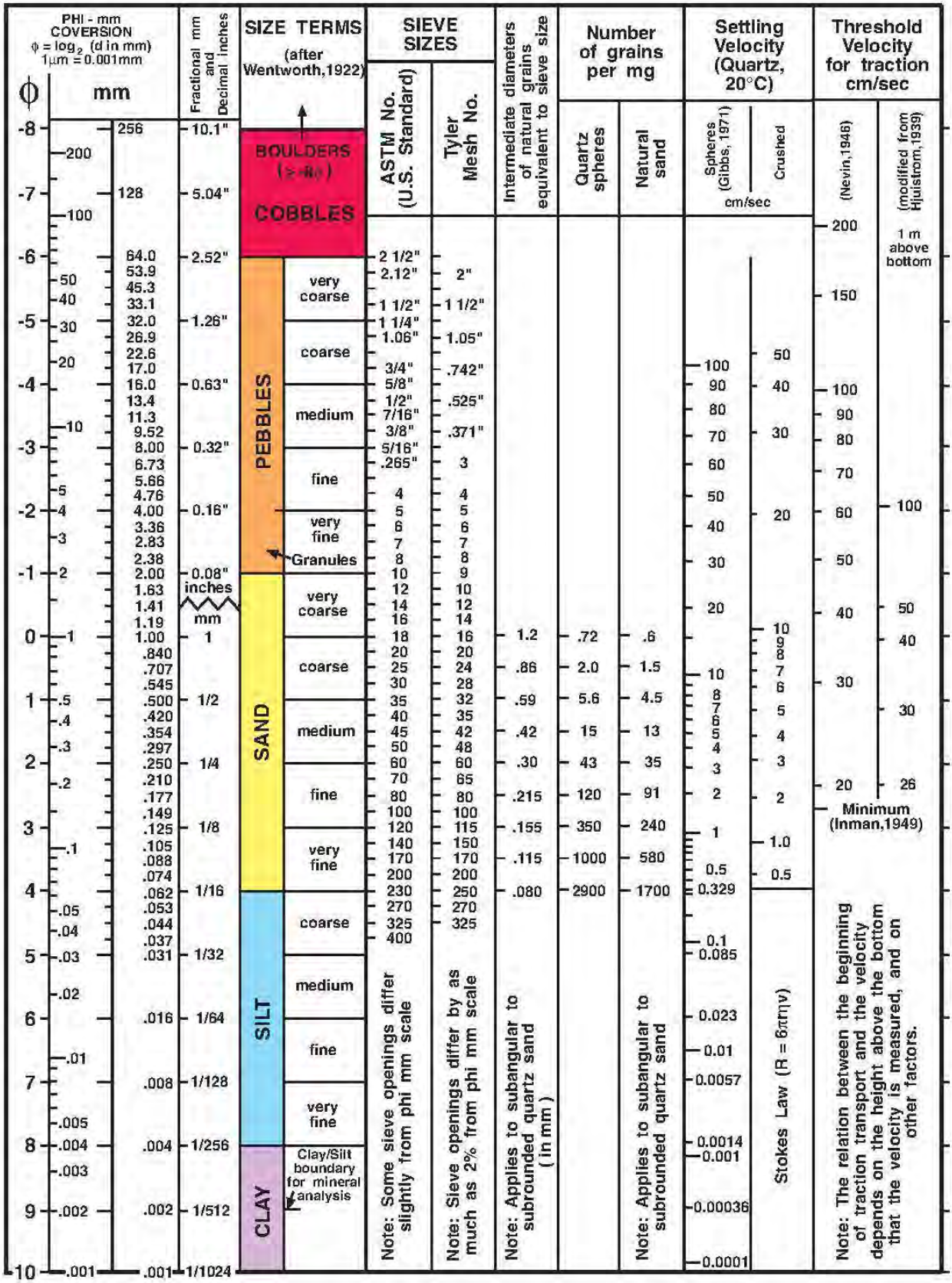

US Geological Survey

CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

UNIFIED SOIL CLASSIFICATION SYSTEM

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

COARSE-GRAINED SOILS (more than 50% of material is larger than No. 200 sieve size.)		
GRAVELS More than 50% of coarse fraction larger than No. 4 sieve size	Clean Gravels (Less than 5% fines)	
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
	Gravels with fines (More than 12% fines)	
	GM	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel-sand-clay mixtures
SANDS 50% or more of coarse fraction smaller than No. 4 sieve size	Clean Sands (Less than 5% fines)	
	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly graded sands, gravelly sands, little or no fines
	Sands with fines (More than 12% fines)	
	SM	Silty sands, sand-silt mixtures
	SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (50% or more of material is smaller than No. 200 sieve size.)		
SILTS AND CLAYS Liquid limit less than 50%	ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
SILTS AND CLAYS Liquid limit 50% or greater	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS	PT	Peat and other highly organic soils

LABORATORY CLASSIFICATION CRITERIA

GW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3	
GP	Not meeting all gradation requirements for GW	
GM	Atterberg limits below "A" line or P.I. less than 4	Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols
GC	Atterberg limits above "A" line with P.I. greater than 7	
SW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3	
SP	Not meeting all gradation requirements for GW	
SM	Atterberg limits below "A" line or P.I. less than 4	Limits plotting in shaded zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols.
SC	Atterberg limits above "A" line with P.I. greater than 7	

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5 percent ..... GW, GP, SW, SP
More than 12 percent ..... GM, GC, SM, SC
5 to 12 percent ..... Borderline cases requiring dual symbols

PLASTICITY CHART

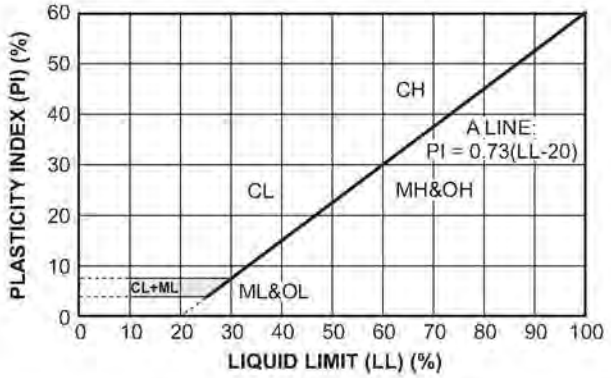

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MONITORING WELL ID: **BORING LOG #: MW-2**

Project Name: FIFE RV, Fife, Wa **BIS 684**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 5 ft east of west fence + 7 ft from NE lot corner post - Near NE corner of bioswale

Borehole Area (AOC): NW corner of tank and pump island area (NW corner of fenced lot)

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 3 ft bgs

Notes: 2 inch PVC GW Monitoring Well installed - No 10 screen at 4 to 14 ft bgs

Notes: Low tide Commencement Bay at 0700 - high tide at 1300 - per NOAA Tables

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
							GP	Gravel Pavement	
1									
								Air knife to 5.5 ft bgs - Concrete fragment (8 in +) at 2 ft	
2					Air		SW		
					Knife			FILL - SAND, very fine to coarse, well graded, with silt, little to trace clay, little small to large subround tosubangular gravel, gray to olive gray, slightly moist, wet below 5 ft. Moderate gasoline odor.	
3			0948						
		82		LAB					
4							SW	Hand auger sample from beneath air knife hole at 4-4.3 ft	--
5									--
			1037						--
6		38	LAB	2					--
				2			ML	SILT, some very fine sand, trace clay, wet. Strong gasoline odor at 5.5 ft.	--
7				1					--
									--
8									--
			1045						--
9		16.9	LAB	1					--
				1			ML	Same as above. Very moist to wet. Very slight gasoline odor above 9 ft. No foul odor below 9 ft	--
10				1					--
									--
11								Silt is generally wet in upper portions; very moist to moist below.	--
									--
12									--
								Note 11-12 ft deep tank basin to NE very likely penetrates this generally thinner silt unit. Sand lenses may be present between intervals sampled by split spoon tool. Note: former Gasamet UST basin was situated to SE	--
13									--
				1					--
14			1050	2					--
		1.1	LAB	3			SP	SAND, very fine to fine, poorly graded trace silt, gray, wet. No foul odor.	
15									
16								**WELL CONSTRUCTION DETAIL:**	
								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
17								6.5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
								Finished with 4 sq ft concrete pad and flush-mount monument	
18									
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 ft, rises to 3 ft. Well installed at 14 ft	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-3**

Project Name: FIFE RV, Fife, Wa **BIS 685**
Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 71ft south and 10 ft west of SW corner Tahoma Bldg (73 ft to Power Pole)

Borehole Area (AOC): UST Basin area

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 5ft bgs
Notes: 2 inch PVC GW Monitoring Well installed - No 10 screen at 4 to 14 ft bgs
Notes: Low tide Commencement Bay at 0700 - high tide at 1300 - per NOAA Tables

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
							GP	Gravel Pavement	
1									
								Air knife to 5.5 ft bgs - Concrete fragment (8 in +) at 2 ft	
2					Air		SW		
					Knife			FILL - SAND, fine to coarse, well graded, trace silt, little small to large subround to subangular gravel, gray to olive gray, slightly moist, wet below 5 ft. Moderately strong gasoline odor.	
3									
4		**VPH**	1118						
		662		LAB			SW	Hand auger sample from beneath air knife hole at 4-4.3 ft	--
5									--
			1135						--
6		1		3					--
		870		1			SW	FILL- SAND, fine to coarse, well graded, trace silt, little small to large subround to subangular gravel, gray 6.9-7.0 ft, wet, strong to very strong gasoline odor.	--
7				2					--
									--
8									--
			1205						--
9		LAB	LAB	1					--
		203		1			SW	Same as above. Very moist to wet. No foul odor.	--
10				2					--
									--
11								*PRESUMED FORMER GASAMET UST BASIN AREA- SILT UNIT ABSENT*	--
									--
12									--
									--
13									--
				4				SAND, very fine to medium, few coarse, poorly graded, medium brown, bottom six inches dark brown, very moist to wet. No foul odor.	--
14			1221	3			SP		--
		9.5	LAB	3					
15									
16								**WELL CONSTRUCTION DETAIL:**	
								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
17								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
								Finished with 4 sq ft concrete pad and flush-mount monument	
18									
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 ft. Well installed at 14 ft	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-4**

Project Name: FIFE RV, Fife, Wa **BIS 686**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 38 ft south of NW corner of fenced portion of lot; 4 ft east of west fence

Borehole Area (AOC):

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 5 ft

Notes:

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Pavement	
1									
2								FILL - SAND, very fine to coarse, well graded, with silt, little to trace clay, little small to large subround tosubangular gravel, gray to olive gray, moist. Slight gasoline odor.	
3									
4				49					
			1310	6					
5		16	LAB	8					
6								*This well adjoins the bio-swale area to the west and in which standing water is present (perhaps bottom of basin at 8 approx. ft bgs) - pre-development (post demo of Gasamet Station) test pits in this area indicated strong petrol odors - suspect extensive excavation of impacted soils prior to bio-swale construction, and extending to the vicinity of MW-4*	
7									
8									
9				2				Possible FILL - SAND, very fine to very coarse, well graded, some clay, trace subrounded gravel, heterogeneous mix of colors: dark brown, gray, and light brown,slight odor, very moist.	
10			1335	1					
		19	LAB	1					
11								(Possible sluff- no silt present)	
12									
13				2				SILT, some 1/2" fine sand lenses, and a few clay lenses, few plant fragments, light brown, very moist. No foul odor. .[Bottom 1.5" brown fine sand, poorly graded.]	
14			1400	2					
		0.2	LAB	4					
15								**WELL CONSTRUCTION DETAIL:**	
16								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs 5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
17								Finished with 4 sq ft concrete pad and flush-mount monument	
18								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 feet. well screened at 4-14 ft bgs. Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-5**

Project Name: FIFE RV, Fife, Wa **BIT 785**
Project Number: 216-8246

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 5 ft north of south fence and 5 ft east of west fence - on slope below lot

Borehole Area (AOC): SW corner of Fenced area - SE of bioswale

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 4.5 ft bgs (approx 2 ft below lot level)

Notes: Gravel surface slopes down to north toward Catch Basins west of MW-3 at fence

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
				2					
1		0.1		3				FILL - SAND, fine to coarse, well graded, trace to little organic silt, trace small subrounded gravel, light brown, dry. No foul odor.	
				3			SW		
2									
	Near low tide - 8am								
3	11-11-16 water from TOC: 5.46							No foul odor in cutting 1.5 to 5 ft	
	= approx 4 ft bgs terrace								
4									
									--
5							SP	SAND, very fine, poorly graded, gray, wet	--
			1514	2				SILT, little very fine sand, gray, trace wood and plant fragments, wet. No foul odor / possible VER faint gasoline odor.	--
6		4.1	LAB	1					--
				1			ML		--
7									--
									--
8								Silt is wet in upper portions; very moist to moist below.	--
									--
9									--
									--
10			1522	1			ML	SILT, little very fine sand, common wood and plant fragments and rare peat layers less than 1/4 - 1/2 inch, very moist to wet.Organic odor near peat layers - approx 10 - 10.5 ft	--
		0.6	LAB	1			PT		--
11				1			ML		--
									--
12									--
									--
13									--
			1535	2			CH	CLAY and SILT, trace very fine sand, gray, moist. No foul odor. Clay is highly plastic,	--
14		0.2	LAB	2					--
				2			ML	SILT, little very fine sand, gray, moist. No foul odor.	
15								**WELL CONSTRUCTION DETAIL:**	
								Excavated a limited terrace on the slope SW of gravel lot	
16								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
17								Finished with 2 sq ft concrete 'base' and above-ground steel	
								monument protected by four bollards	
18									
								Bottom of borehole at 4.5 feet	
19								Groundwater encountered at 4.5 feet. Well screen at 4 - 14 ft bgs	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-6**

Project Name: FIFE RV, Fife, Wa **BIT 786**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 5 ft NE of SW perimeter fence and 32 feet north of west fence along prop line

Borehole Area (AOC): 24 feet east of MW-5 - downgradient perimeter of Property.

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level:

Notes:

Approx. Surface Elevation:

Start Date: 11-11-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1									
2									
3							SW	No foul odor in cutting 1.5 to 4 ft	
4			0859					FILL - SAND, fine-coarse, well graded, brown, moist. No foul odor.	
		0.1	LAB	2			SC	FILL - SAND, SILT, little clay, brown. Moist to dry. No foul odor	--
5				2			SP	FILL - SAND, fine-coarse, poorly graded, brown, moist. No foul odor.	--
				1				SILT, with very fine sand, gray, wet. No foul odor.	--
6									--
									--
7							ML	*Note base of ditch approx 30 ft south estimated near 5-7 ft bgs*	--
								as recorded at location of MW-6 (7 - 9 ft bgs relative to gravel lot)	--
8									--
								Same as above to 8.7 ft bgs	--
9			0910						--
		0.2	LAB	1			PT	PEAT, with silt and clay, gray. Very moist to wet. No foul odor.	--
10				1				SILT, with very fine sand, very moist to wet. No foul odor.	--
		0.1	LAB	1					--
11			0915				ML		--
									--
12									--
									--
13									--
			0925	4			SP	SAND, very fine, poorly graded, gray, wet. No foul odor.	--
14		0.1	LAB	5					--
				6					
15								**WELL CONSTRUCTION DETAIL:**	
								Excavated a limited terrace on the slope SW of gravel lot	
16								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
17								Finished with 2 sq ft concrete 'base' and above-ground steel	
								monument protected by four bollards	
18								All wellheads were sealed with twist-lock compression caps	
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 feet. Well installed at14.5 ft bgs.	
								Borehole completed with bentonite chips.	
20									

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BORING LOG #: MW7

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: South of Former UST Basin
Borehole Location: 52' Southwest of MW3

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	BJP689

Approx. Surface Elev.: 10.5' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1									
2									
3							GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petrol odor.	
4		0.0							
5									
6							ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
7		0.0							
8									
9									
10								Same as above	
11		0.0	Lab						
12							SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
13									
14		0.0							
15									
16									
17									
18									
19									
20									
21								1" Diameter Schedule 80 PVC, 0.010" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
22									
23									
24									
25									

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BORING LOG #: MW8

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: South of Former UST Basin
Borehole Location: 50' South of MW3

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	BJP688

Approx. Surface Elev.: 10.5' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1								FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petrol odor.	
2		0.0							
3							GW		
4								Same as above, increased silt. No petrol odor.	
5		0.0	Lab					Wet at 5'	
6									
7							ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
8									
9									
10		0.0	Lab						
11							ML	SILT, dark brown, satuerated, plastic, some clay. No petrol odor.	
12									
13									
14		0.0							
15							SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
16									
17									
18									
19									
20									
21								1" Diameter Schedule 80 PVC, 0.010" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
22									
23									
24									
25									

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BORING LOG #: MW9

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: East (upgradient) of Former UST Basin
Borehole Location: 45' East of MW3

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	BJP687

Approx. Surface Elev.: 9' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1							GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petrol odor.	
2									
3		0.0	Lab						
4								Same as above, increased silt. No petrol odor.	
5								Wet at 4.5'	
6		0.0					GP	FILL - GRAVEL, medium subangular to subrounded, brown to gray, saturated. No petrol odor.	
7									
8								Appears to be associated with trench fill for the 12" sewer nearby.	
9									
10		0.0					ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
11									
12									
13									
14		0.0					SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
15									
16									
17									
18									
19									
20									
21								1" Diameter Schedule 80 PVC, 0.010" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
22									
23									
24									
25									

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BORING LOG #: B1

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Former UST Basin
Borehole Location: 15' NW of MW3 (nearest to P25)

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	N/A

Approx. Surface Elev.: 10' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1								FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded. No petrol odor.	
2		0.0							
3							SW	FILL - SAND, fine to coarse, gray to blue-gray, wet below 5', fine to large subrounded to subangular gravel, very well graded. Strong gasoline odor.	
4									
5		462	LAB						
6									
7									
8								Same as Above	
9		123	LAB				SM	Sandy SILT, reddish dark gray, saturated, fine-grained sand. Moderate petrol odor.	
10									
11									
12		0.2					ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
13									
14									
15		0.0					SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
16									
17									
18									
19									
20								Bottom of borehole at 16 feet.	
21								No well installed.	
								Borehole completed with bentonite chips.	
22									
23									
24									
25									

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BORING LOG #: MW10

Site Name: Fife RV Center
Project Number: 217-4034

Drilling Contractor:	Boretec, Valleyford
Drilling Method:	HSA 8.25"
Sampler Type:	Split Soon
ECY Well Tag:	BJN085
Licensed Driller:	Carlos Gardea
	3143
Surveyed Casing Elev.:	12.94' above MSL
Work Date:	02/23/18

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of MW2, Northeast Corner of Bio-Swale
Borehole Location: 16' West of MW2

Logged by: N. Gerkin **Boring Depth:** 14.5 feet **GW Encountered:** YES

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction (Casing within Bollard)
								Gravel	
1									
2									
3									
4		0.4	Lab	3 2 1			GW	FILL - GRAVEL and SAND with Silt, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded. No petrol odor.	
5									
6									
7									
8									
9		9.1	Lab	2 2 2			SP	SAND with Silt, gray, saturated, slight petrol odor. (Possible Northwestern Tank Basin)	
10									
11									
12									
13				2			ML	SILT with some very fine Sand, maroon to brown, wet, slight petrol odor.	
14		0.0	Lab	1 2					
15									
16									
17									
18									
19									
20								2" Diameter Schedule 40 PVC, 0.020" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
21									
22									
23									

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BORING LOG #: MW11

Site Name: Fife RV Center
Project Number: 217-4034

Drilling Contractor:	Boretec, Valleyford
Drilling Method:	HSA 8.25"
Sampler Type:	Split Soon
ECY Well Tag:	NA (<10')
Licensed Driller:	Carlos Gardea
	3143
Surveyed Casing Elev.:	9.12' above MSL
Work Date:	02/23/18

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Furthest Downgradient Well, 33' NW of MW12
Borehole Location: Western Corner of Bioswale

Logged by: N. Gerkin **Boring Depth:** 14.5 feet **GW Encountered:** YES

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction (Casing within Bollard)
+2								Concrete Pad	
+1								Earthen Mound (Built Prior to Drilling to Allow for Well Seal)	
1									
2				2			SW	SAND, coarse to medium, well graded, brown, moist. No foul odor.	
				2					
3		0.8	Lab	1				Sandy SILT, very fine sand, very moist to wet, mottled staining. greyish brown . No foul odor.	
4				4					
				3					
5		0.5		2				As above, saturated	
				2					
6		0.8	Lab	3				As above	
				4					
7				4					
				3					
8		4.1		1					
				1					
9				1					
		0.0	Lab	1				As above	
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

Though exempt per WAC per shallow depth (- 9.5 ft below constructed mound) / - 8.3 ft bgs), the objective was to meet or exceed the seal requirements for wells extending more than - 10 ft bgs in order to adhere to the 'spirit' of the code'. An additional objective was to place at least one downgradient well (on property) at which the top of screen would be present above the water table at those times at which water levels were present at the rim of the steel riser drain pipe controlling maximum bioswale water levels.

So, in order to achieve this, as the pipe rim was estimated at or slightly less than 18 inches below the - 0.0 bgs (at well location):

+1.2 to + 2.0 ft bgs Concrete Pad
+0.0 to +1.2 ft bgs Earthen mound - compacted
+0.3 to - 1.1 ft bgs Bentonite pellets
'Geo-barrier': 6 folded layers of 0.7mm thick plastic sheeting
- 1.1 to - 2.1 ft bgs Riser pipe with annular sand pack
- 2.1 to - 9.6 ft bgs Screened interval with annular sand pack

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BORING LOG #: MW12

Site Name: Fife RV Center
Project Number: 217-4034

Drilling Contractor:	Boretec, Valleyford
Drilling Method:	HSA 8.25"
Sampler Type:	Split Soon
ECY Well Tag:	BJN087
Licensed Driller:	Carlos Gardea
	3143
Surveyed Casing Elev.:	11.74' above MSL
Work Date:	02/23/18

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of MW2, Northeast Corner of Bio-Swale
Borehole Location: 30' Northwest of MW5

Logged by: N. Gerkin **Boring Depth:** 14.5 feet **GW Encountered:** YES

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery	USCS Classification	Soil Classification/ Description
1							
2							
3							
4		0.8	Lab	5 4 3		GW	FILL - GRAVEL and SAND with Silt, light brown to gray, damp, saturated @5', fine to coarse sand and gravel, subangular to subrounded gravel, Well graded. Trace Organics, No petrol odor.
5							
6				1		ML	SILT with some very fine Sand, maroon to brown, wet, plastic, slight petrol odor. (Possible Northwestern Tank Basin)
7		4.1	Lab	1 2			
8							
9				7			As above
10				2 1			
11							
12		0.0	Lab	2		ML	As above, increased organics
13				1 2			
14							
15							
16							
17							
18							
19							
20							2" Diameter Schedule 40 PVC, 0.020" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs
21							
22							
23							

Well Construction (Casing within Bollard)

Appendix D

July 2018 Soil Boring Logs

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Depth (ft)	Groundwater		Visual or Olfactory Evidence	Blow Counts	Recovery		**USCS** Classification	Soil Classification/ Description **UNIFIED SOIL CLASSIFICATION SYSTEM EXPLANATION**	Well Construction		
							GW	**GRAVELS**, well-graded* OR Gravel+Sand mix, little-no fines			
							GP	**GRAVELS**, poorly-graded* OR Gravel+Sand mix, little-no fines			
							GM	**GRAVELS**, silty OR Gravel-sand-silt mix			
							GC	**GRAVELS**, clayey OR Gravel-sand-clay mix			
							SW	**SAND**, well-graded OR **Gravelly Sands**, little-no fines			
							SP	**SAND**, poorly-graded OR **Gravelly Sands**, little-no fines			
							SM	**SAND**, silty OR Sand-silt mix			
							SC	**SAND**, clayey OR Sand-clay mix			
							ML	**SILT**, inorganic (very fine sands, rock flour, silty or clayey fine			
								sands) OR Clayey silts with slight plasticity			
							CL	**CLAY**, inorganic, low-med plasticity (gravelly, sandy, silty, lean)			
							OL	**SILT**, organic, AND **SILT-CLAY**, organic, low plasticity			
							MH	**SILT**, inorganic (micaceous or diatomaceous fn sndy/silty soils)			
								OR SILTY SOILS, elastic SILTS			
							CH	**CLAY**, inorganic, high plasticity, fat clays			
							OH	**CLAY**, organic, med-high plasticity OR Organic SILTS			
							PT	**PEAT** and other highly organic SOILS			
								**** Terminology clarification:*** *The term "**Well graded**" is a synonym for "**Poorly sorted**," both meaning that a wide range of particle sizes are present. The former term is employed in geotechnical descriptions, while the latter is preferred by the USDA in characterizing topsoils and subsoils.*			

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BORING LOG B2

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary, SW of Former Station Features
Borehole Location: 5' SW of MW5, on Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 8' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3							SM	Silty SAND with Organics, dry to damp, dark brown, no petroleum odor.	
4		0.3							
5									
6		0.3	LAB						
7							ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity, no petroleum odor.	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B3

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary
Borehole Location: Between MW5 & MW12, on Property Line

Logged by: N. Gerkin **Boring Depth:** 12 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3									
4		0.3					SM	Silty SAND with Organics, dry to damp, dark brown, no petroleum odor.	
5									
6									
7		21.6	LAB				ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity, no petroleum odor.	
8									
9									
10									
11		0.3						As above, damp.	
12			LAB						
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 12 ft bgs	
21									
22									
23									

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BORING LOG B4

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary, W of Former Station Features
Borehole Location: 8' SW of MW12, on Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3									
4		0.2					SM	Silty SAND with Organics, dry to damp, dark brown, no petroleum odor.	
5									
6		0.9	LAB						
7							ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity, no petroleum odor.	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B5

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary, W of Former Station Features
Borehole Location: Between MW5 & MW12, on Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 7' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		0.4	LAB					SILT, brown, dry, compacted. No Petroleum Odor.	
4							ML	Clayey SILT with some very fine Sand, maroon to brown with heavy oxidation at interface with water, saturated,moderate plasticity, no petroleum odor.	
5									
6		0.1	LAB						
7		0.1						SAND, medium-grained, black, saturated, poorly graded. No petroleum odor.	
8							SP		
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B6

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: North of MW2, on Northern Property Line

Logged by: N. Gerkin **Boring Depth:** 12 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		5.3							
		22						Silty SAND, fine-grained, reduced, dark gray, moderate petroleum odor.	
4									
5			H_2O					As Above, maroon brown/gray, saturated. Strong petroleum odor.	
6		212	LAB						
7		1213	LAB				SM		
8									
9									
10		0.7							
11							ML	Clayey SILT with some very fine Sand, maroon to brown, moist,moderate plasticity, no petroleum odor.	
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 12 ft bgs	
21									
22									
23									

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BORING LOG B7

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: NE of MW10, on Northern Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		0.3					SM	Silty SAND, fine-grained, reduced, dark gray, moderate petroleum odor.	
4									
5		920	H_2O LAB				ML	Clayey SILT with some very fine Sand, maroon to brown, moist,moderate plasticity, no petroleum odor.	
6									
7		1582	LAB				SM	Silty SAND, fine-grained, maroon/brown, moderate petroleum odor.	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B8

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: North of Liner

Logged by: N. Gerkin **Boring Depth:** 4 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		215					SM	Silty SAND, fine-grained, reduced, dark gray, strong petroleum odor.	
4								REFUSAL @ 4 Feet BGS	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Refusal First 3 Tries @ 4' Backfilled with Bentonite from 0 to 4 ft bgs	
21									
22									
23									

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BORING LOG B9

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: Between MW1 & MW2, on Northern Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3							SM	Silty SAND, fine-grained, reduced, dark gray, damp. Strong petroleum odor.	
4		1577	LAB						
5		1660	H_2O LAB					As above, saturated. Sheen present.	
6		526	LAB				ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity. Strong petroleum odor.	
7									
8		5.3	LAB						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

Appendix E

Laboratory Analytical Reports – July 2018 Site Assessment

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C80704-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV Center
Client Project Number:	na
Date received:	07/04/18

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	W-B6	W-B7	W-B9	Dupl W-B9	RPD W-B9
Matrix	Water	Water	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	07/04/18	07/04/18	07/04/18	07/04/18	07/04/18	07/04/18	07/04/18
NWTPH-Gx, ug/L								
Mineral spirits/Stoddard	100	nd		nd	nd	nd	nd	
Gasoline	100	nd		11,000	9,600	95,000	100,000	5%
BTEX 8021B, µg/L								
Benzene	1.0	nd	94%	84	200	390	500	25%
Toluene	1.0	nd	106%	52	11	94	120	24%
Ethylbenzene	1.0	nd		530	400	2,000	2,200	10%
Xylenes	1.0	nd		7.6	160	1,800	2,300	24%
Surrogate recoveries:								
Trifluorotoluene		75%	78%	C	C	C	C	
Bromofluorobenzene		96%	100%	C	C	C	C	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C80704-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV Center
Client Project Number:	na
Date received:	07/04/18

Analytical Results

NWTPH-Gx/BTEX		MS	MSD	RPD
Matrix	Water	Water	Water	Water
Date analyzed	Reporting Limits	07/04/18	07/04/18	07/04/18
NWTPH-Gx, ug/L				
Mineral spirits/Stoddard	100			
Gasoline	100			
BTEX 8021B, µg/L				
Benzene	1.0	93%	104%	11%
Toluene	1.0	94%	104%	9%
Ethylbenzene	1.0			
Xylenes	1.0			

Surrogate recoveries:			
Trifluorotoluene	82%	86%	
Bromofluorobenzene	102%	101%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	B2(5.5)	B3(7)	B4(6)	B5(3.5)	B5(6)
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
Date analyzed	Limits	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	70	9.2	nd	nd
BTEX 8021B, mg/kg								
Benzene	0.020	nd	85%	nd	0.070	nd	nd	nd
Toluene	0.050	nd	89%	nd	0.16	nd	nd	nd
Ethylbenzene	0.050	nd		nd	2.4	0.075	nd	nd
Xylenes	0.050	nd		nd	0.99	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		86%	87%	70%	73%	80%	82%	75%
Bromofluorobenzene		104%	99%	101%	114%	120%	126%	109%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx / BTEX		B6(6)	B6(7)	B7(5)	B7(7)	B8(4)	B9(4)	B9(5)
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
Date analyzed	Limits	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	190	120	2,400	920	350	1,200	2,800
BTEX 8021B, mg/kg								
Benzene	0.020	0.59	0.12	0.48	6.0	0.70	2.5	2.2
Toluene	0.050	1.2	0.32	1.6	0.86	1.4	2.8	2.0
Ethylbenzene	0.050	3.1	4.2	20	14	3.0	7.4	13
Xylenes	0.050	1.1	nd	34	7.0	1.6	1.8	26
Surrogate recoveries:								
Trifluorotoluene		120%	87%	C	C	78%	C	73%
Bromofluorobenzene		111%	124%	C	C	119%	C	100%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx / BTEX		B9(6)	B9(8)	MS	MSD	RPD	MTH BLK	LCS
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/12/18	07/12/18
Date analyzed	Limits	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/12/18	07/12/18
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd				nd	
Gasoline	5.0	1,100	24				nd	
BTEX 8021B, mg/kg								
Benzene	0.020	3.9	nd	72%	80%	11%	nd	78%
Toluene	0.050	2.0	nd	79%	82%	3%	nd	83%
Ethylbenzene	0.050	23	0.49				nd	
Xylenes	0.050	4.4	0.11				nd	
Surrogate recoveries:								
Trifluorotoluene		84%	75%	91%	93%		84%	86%
Bromofluorobenzene		109%	123%	108%	103%		104%	103%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number:	C80704-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV Center
Client Project Number:	na
Date received:	07/04/18

Analytical Results

NWTPH-Gx / BTEX		B3(12)
Matrix	Soil	Soil
Date extracted	Reporting	07/12/18
Date analyzed	Limits	07/12/18
NWTPH-Gx, mg/kg		
Mineral spirits/Stoddard	5.0	nd
Gasoline	5.0	6.4
BTEX 8021B, mg/kg		
Benzene	0.020	nd
Toluene	0.050	nd
Ethylbenzene	0.050	nd
Xylenes	0.050	nd

Surrogate recoveries:

Trifluorotoluene	79%
Bromofluorobenzene	107%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Appendix F

Field Protocols

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

SOIL BORING AND WELL INSTALLATION STANDARD OPERATING PROCEDURE

EQUIPMENT *(Items in italic provided by drilling subcontractor, verify according to the site sampling plan they bring the appropriate equipment and material.)*

- Sampling and Analyses Plan (SAP)
- Site-specific sampling plan
- Sample location map
- Sample table
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens/marker (e.g. Sharpies®)
- Site logbook, boring log and/or sampling form
- Camera
- Candlestick/cones/barricade
- Caution tape
- Trash bags/plastic sheeting
- Assorted tools (e.g. shovels, wrenches, etc.)
- *Annular materials: silica sand, bentonite pellets and chips, grout*
- *Monitoring well materials: 2-inch schedule 40 PVC riser, well screen and end caps*
- *Completion materials: posts or traffic rated steel monuments, concrete mix, concrete forms*
- *Drilling rig (e.g. hollow stem auger, air/mud rotary, direct push, or sonic)*
- *Disposable acetate liners for direct push*
- *Decontamination equipment such as pressure washer to decontaminate rig and bucket with water and phosphate-free soap (e.g. Alconox®, Liquinox®) for split spoon samplers*

Preliminary Activities

Prior to the onset of field activities at the site, Aerotech obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Aerotech marks the borehole locations and contacts the local one call utility locating service at least 2 full business days prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Additionally, borehole locations may be cleared via air-knife and vacuum operations where proposed locations are in close proximity of buried utilities. Fieldwork is conducted under the advisement of a state registered professional geologist. Monitoring well construction will

comply with Monitoring Well Construction: General, 690-240-100 through Well Seals, WAC 173-160.

Drilling

Aerotech contracts a licensed driller to advance each boring and collect soil samples. The specific drilling method (e.g., hollow-stem auger, direct push method, or sonic drilling), sampling method [e.g., core barrel or California-modified split spoon sampler (CMSSS)] and sampling depths are documented on the boring log and may be specified in a work plan. Soil samples are typically collected at the capillary fringe and at 5-foot intervals to the total depth of the boring. To determine the depth of the capillary fringe prior to drilling, the static groundwater level is measured with a water level indicator in the closest monitoring well to the boring location, if available.

The borehole is advanced to just above the desired sampling depth. For CMSSSs, the sampler is placed inside the auger and driven to a depth of 18 inches past the bit of the auger. The sampler is driven into the soil with a standard 140-pound hammer repeatedly dropped from a height of 30 inches onto the sampler. The number of blows required to drive the sampler each 6-inch increment is recorded on the boring log. For core samplers (e.g., direct push), the core is driven 18 inches using the rig apparatus.

Soil Sampling

Soil is collected according to Aerotech's SOIL SAMPLING STANDARD OPERATING PROCEDURE.

Grab Groundwater Sampling from Soil Boring

In the event that undeveloped grab-groundwater samples are necessary for the scope of work, a temporary well screen is placed across the desired interval of the soil boring. The sample can be collected via disposable bailer or peristaltic pump and disposable tubing. Additionally if direct push technology has been utilized for advancing the soil boring, a groundwater sample, is collected from the boring by using HydropunchTM sampling technology. In the case of using HydropunchTM technology, after collecting the capillary fringe soil sample, the boring is advanced to the top of the soil/groundwater interface and a sampling probe is pushed to approximately 2 feet below the top of the static water level. The probe is opened by partially withdrawing it and thereby exposing the screen. New polyethylene tubing with a peristaltic pump or decontaminated bailer is used to collect a water sample from the probe. The water sample is then emptied into laboratory-supplied containers constructed of the correct material and with the correct volume and preservative to comply with the proposed laboratory test. The container is slowly filled with the retrieved water sample until no headspace remains and then promptly sealed with a Teflon-lined cap, checked for the presence of bubbles, labeled, entered onto a COC record and placed in chilled storage at 4° Celsius. Laboratory-supplied trip blanks accompany the water samples as a quality assurance/quality control procedure. Equipment blanks may be collected as required. The samples are kept in chilled storage and transported under COC protocol to a client-approved, state-certified laboratory for analysis.

Field Screening Procedures

Aerotech staff place the soil from the middle of the sampling interval into a plastic re-sealable bag. The bag is then labeled with the sample number. The tip of a photoionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The highest sustained PID measurement is recorded on the boring log. At a minimum, the PID or organic vapor monitoring device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Aerotech trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, which is included in the final report.

Backfilling of Soil Boring

If a well is not installed, the boring is backfilled from total depth to approximately 5 feet below ground surface (bgs) with either neat cement or bentonite grout using a tremie pipe. The boring is backfilled from 5 feet bgs to approximately 1 foot bgs with hydrated bentonite chips. The borehole is completed from 1 foot bgs to surface grade with material that best matches existing surface conditions and meets local agency requirements. Site-specific backfilling details are shown on the respective boring log.

Monitoring Well Construction

A well (if constructed) is completed using materials documented on the boring log or specified in a work plan. The well is constructed with slotted casing across the desired groundwater sampling depth(s) and completed with blank casing to within 6 inches of surface grade. No further construction is conducted on temporary wells. For permanent wells, the annular space of the well is backfilled with Monterey sand from the total depth to approximately 2 feet above the top of the screened casing. A hydrated granular bentonite seal is placed on top of the sand filter pack. Grout may be placed on top of the bentonite seal to the desired depth using a tremie pipe. The well may be completed to surface grade with a 1-foot thick concrete pad. A traffic-rated well vault and locking cap for the well casing may be installed to protect against surface-water infiltration and unauthorized entry. Site-specific well construction details including type of well, well depth, casing diameter, slot size, length of screen interval and sand size are documented on the boring log or specified in the work plan.

Monitoring Well Development

Following well construction, each monitoring well is developed and surveyed according to Aerotech's MONITORING WELL DEVELOPMENT AND SURVEYING STANDARD OPERATING PROCEDURE.

Well Sampling

Following development, groundwater is collected according to Aerotech's LOW-FLOW GROUNDWATER SAMPLING STANDARD OPERATING PROCEDURE.

Decontamination Procedures

Aerotech and/or the contracted driller decontaminate soil and water sampling equipment between each sampling event with a non-phosphate solution, followed by a minimum of two tap water rinses. Deionized water may be used for the final rinse. Downhole drilling equipment is steam-cleaned prior to drilling the borehole and at completion of the borehole.

Waste Treatment and Soil Disposal

Soil cuttings and decontamination fluids generated from the drilling or sampling are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. Unless otherwise specified in the contract with Aerotech, the client is responsible for disposal of investigation derived waste. Should Aerotech be contracted to complete disposal for the client, drums containing investigation derived waste are subsequently transported under manifest to a client- and regulatory-approved facility for disposal.

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

SOIL SAMPLING STANDARD OPERATING PROCEDURE

EQUIPMENT

- Sampling and Analyses Plan (SAP)
- Site-specific sampling plan
- Sample location map
- Sample table
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens/marker (e.g. Sharpies®)
- Site logbook and/or sampling form
- Camera
- Screening equipment (e.g. Photoionization detector (PID))
- Survey stakes or flags
- Tape measure or measuring wheel
- Plastic sheet
- Soil collection device, heavy equipment (e.g. spoons spade shovel, hand auger, hollow stem auger – split spoon sampler, direct push rig – macro core, shelby tube, backhoe)
- Syringes for EPA Method 5035
- Syringe tool for EPA Method 5035 (e.g. En Core® sampler)
- Pre-weighed and preserved sample vials for EPA Method 5035
- Stainless steel and/or plastic bowls (only if homogenizing composite samples)
- Sample containers, precleaned (e.g., I-Chem)
- Chain-of-custody forms, custody seals, sample labels
- Ziploc® Bags
- Insulated cooler
- Ice
- Plastic bags for sample containers and ice
- Decontamination equipment including tap water and/or deionized water and phosphate-free soap (e.g. Alconox®, Liquinox®)

Soil Sampling

Soil samples are preserved in the metal or plastic sleeve used with the California-modified split spoon sampler (CMSSS) or core sampler, in glass jars or other containers according to the test method and regulatory guidelines (e.g., Environmental Protection Agency Method 5035). Sleeves are removed from the sample barrel, and the lowermost sample sleeve is labeled. Soil is collected from the split spoon sample or direct push core sample into appropriate containers based on the planned test method. Besides the use of a drilling rig, soil may also be collected via hand auger or with a scoop or spoon from the surface or a selected interval from an excavation, trench or test pit.

Soil Sample Collection

Aerotech field personnel are to review the SAP for sample locations and analysis as well as obtain photograph(s) of the material before sampling. If the soil sample is to be a discrete sample, collect soil using a clean/decontaminated stainless-steel (organic analyses) or plastic (inorganic analyses) spoon. If the soil sample is to be a composite, collect soil from all locations to be sampled into one stainless-steel (organic analyses) or plastic (inorganic analyses) bowl and homogenize the soil. If the soil sample is to be a discrete sample for volatile analyses, collect soil using a syringe and place into appropriate pre-weighed sample vial (Volatiles samples may not be composited.).

Next, use the syringe, stainless-steel or plastic spoon to transfer soil sample as appropriate into sample container as specified by the analytical test method. Label and manage sample containers. Decontaminate sampling equipment between each sampling event with a non-phosphate solution, followed by a minimum of two tap water rinses. Deionized water may be used for the final rinse. Ensure activities are well documented in the site logbook or on a designated sampling form. (i.e. collection method, presence of sheen or odor and PID measurement.

Field Screening Procedures

Aerotech field staff place soil from sampling interval into a plastic re-sealable bag. The bag is then labeled with the sample number. The tip of a photoionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The highest sustained PID measurement is recorded on the boring log. At a minimum, the PID or organic vapor monitoring device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Aerotech trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, sampling form or logbook. Selected soil samples for analysis are then placed Samples are placed in a cooler chilled to 4º Celsius and transported to a state-certified laboratory under chain-of custody (COC) protocol.

Extractable Petroleum Hydrocarbons (EPH)/Volatile Petroleum Hydrocarbons (VPH)

To evaluate the potential utilization of site specific cleanup levels (e.g. Ecology's Method B or Method C cleanup levels), Aerotech field personnel will collect additional sample volume to complete EPH/VPH analysis. This test will be completed on samples that are containing petroleum hydrocarbons only, utilizing the previously discussed field screening procedures as well as contaminant source data from previous investigation work.

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

MONITORING WELL DEVELOPMENT AND SURVEYING

EQUIPMENT

- Well location map
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens and markers (e.g. Sharpies®)
- Field notebook and/or sampling form
- Survey equipment
- Surge Block
- 55-Gallon Drums
- 5-Gallon Buckets
- 3/8" Tubing
- DC Power Source
- Whale® Pump
- Water Level Indicator
- Hand Tools (e.g. socket set, screw drivers)
- Watch
- Decontamination equipment including tap water and/or deionized water and phosphate-free soap (e.g. Alconox®, Liquinox®)

Preliminary Activities

Prior to the onset of field activities at the site, Aerotech obtains permission from the client to perform activities and obtains any appropriate permit(s) from potential governing agencies. Aerotech field personnel acquires surge block, tubing, down well pump, water quality monitoring equipment, containers for storing purge water and decontamination fluids and survey equipment, and verifies all are in operating condition. Fieldwork is conducted under the advisement of a state registered professional geologist.

Monitoring Well Development

When a permanent groundwater monitoring well is installed, proper well development is necessary to ensure that complete hydraulic connection is made and maintained between the well and the aquifer material surrounding the well screen and filter pack. Well development should

begin no sooner than 48 to 72 hours after well installation to allow grout to cure prior to improvement.

A surge block is used to move sediments from the filter pack into the well casing. A surge block consists of a rubber and metal plunger attached to Schedule 80 PVC sections of sufficient length to reach the bottom of the well. The surge block is constructed of materials that will not introduce contamination into the well. The surge block is moved up and down the well screen interval and then removed, followed by pumping with a downwell pump to remove any sand and silt brought into the well by the surging action. Care is taken to not surge too strongly with subsequent casing deformation or collapse. Surging will be followed by additional pumping to remove fine materials that may have entered the well during the surging effort.

After surging has been completed and the sand content of the pumped water has decreased, a submersible pump is used to continue well development. The pump should be moved up and down the well screen interval until the obtained water is relatively clear. Well development will continue until the water in the well clarifies. It should be noted that where very fine-grained formations are opposite the screened interval, continued well development until clear water is obtained might be impossible. Decisions regarding when to cease development where silty conditions exist will be made between amongst Aerotech personnel.

During well development, the primary criteria used to evaluate whether the well has been completely developed is water clarity. As mentioned above, clear water can often be impossible to obtain with environmental monitoring wells.

The minimum volume of water purged from the well during development will be approximately a minimum of 3 borehole volumes (wells will typically not reach stabilization of water quality parameters before this condition is achieved and may not have reached stability even after this threshold has been achieved). The above is a general guideline for difficult well development. Development water will be stored in 55-gallon Department of Transportation (DOT) -approved drums.

Surveying

If required, wells are surveyed relative to an established benchmark of known elevation above mean sea level to an accuracy of +/- 0.005 foot. The casing is notched or marked on one side to identify a consistent surveying and measuring point.

Decontamination Procedures

Aerotech personnel completing the monitoring well development equipment will also decontaminate between each monitoring well. The decontamination procedure will consist of washing with a non-phosphate solution, followed by a minimum of two tap water rinses. Deionized water may be used for the final rinse.

Waste Storage and Disposal

Decontamination fluids and purge water from well development and sampling activities are stored on site in labeled, DOT-approved storage containers. No containers will be left on-site

without a label indicating the material matric, accumulation date, project name, project address and Aerotech contact information. Unless otherwise specified in the contract with Aerotech, the client is responsible for disposal of investigation derived waste. Should Aerotech be contracted to complete disposal for the client, drums containing investigation derived waste are subsequently transported under manifest to a client- and regulatory-approved facility for disposal.

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

LOW-FLOW GROUNDWATER SAMPLING STANDARD OPERATING PROCEDURE

EQUIPMENT

- Sampling and Analyses Plan (SAP)
- Site-specific sampling plan
- Sample location map
- Sample table
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens and markers (e.g. Sharpies®)
- Field notebook and/or sampling form
- Camera
- YSI water quality monitoring equipment (e.g. YSI monitor and flow through cell)
- Sample containers, precleaned (e.g., I-Chem)
- 55-Gallon Drums
- Two 5-Gallon Buckets
- 3/8" Tubing
- Power Source/cables
- Peristaltic or down-well pump
- Water Level Indicator
- Tool box with hand tools (e.g. socket set, screw drivers)
- Trash bags/plastic sheeting
- Candlestick/cones/barricade
- Caution tape
- Scissors/knife
- Paper towels
- Watch
- Decontamination equipment including tap water and/or deionized water and phosphate-free soap (e.g. Alconox®, Liquinox®)
- Chain-of-custody forms, custody seals, sample labels
- Ziploc® Bags
- Insulated cooler
- Ice
- Plastic bags for sample containers and ice

The following protocol and sampling procedures were designed to meet or exceed standards for groundwater monitoring well sampling, as specified by the State of Washington Department of Ecology *"Standard Operating Procedures for Purging and Sampling Monitoring Wells, Version 1.0,"* dated and approved on October 4, 2011. These procedures are strictly adhered to by Aerotech field staff:

Cross-Contamination Mitigation Protocol

A sampling table is set up adjacent to the well head in order to protect field equipment from contact with the ground, to prevent or minimize the possible introduction of foreign materials into the wells, and in general in order to mitigate the possibility of cross-contamination. Where previous laboratory data is available, or where visual of olfactory indicators provide initial evidence, well sampling order is arranged to proceed with the least contaminated well, often the upgradient groundwater monitoring wells, and sampling order proceeds by sampling wells associated with successively higher contamination levels. Thus, the wells exhibiting the highest contamination levels are sampled last, in order to minimize the possibility of cross contamination.

A fresh pair of disposable Nitrile gloves is worn at each well. Equipment neither disposable nor dedicated to wells, is washed in a dedicated container prepared with non-phosphate detergent and triple rinsed in a second container prepared with distilled and/or deionized water. Surfaces that cannot be readily submerged for the purpose of decontamination, are sprayed with wash water followed by rinse water, and wiped with a fresh disposable paper towel. For shallow wells that require a peristaltic pump, dedicated tubing is left in each well after sampling, however, for deeper wells that require a submersible pump, dedicated tubing is recovered from wells after each use, and deployed to a designated dedicated clean plastic bag, bearing a label indicating well identification information.

Water Level Measurement

Prior to the well purge process and the collection of groundwater samples, groundwater levels are measured at the north side of the ("TOC") with a piezometer/water level indicator, by slowly lowering the sensor into wells prior to purging, in order to minimize disturbances. The water levels are measured twice, with tape a marked in 0.01 foot increments, in order to reduce possible reading error. Where appropriate, free product thickness is measured with gas level indicator paste or an interface indicator. Upon arrival, each well is visual inspected and the condition of the well and well head are noted.

Groundwater Monitoring Well Purge and Sampling Methodologies

Prior to groundwater sample collection, A dedicated length of high density polyethylene tubing is lowered into each well to a level near the middle of the screened interval. A dedicated length of clean silicone tubing is utilized within the pump mechanism. The wells are purged by means of low flow techniques, during which time groundwater is monitored for physical parameters, including temperature, pH, specific conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP), by means of a multi-parameter device mounted upon a flow cell, until such time as values recorded have stabilized and equilibrium conditions are verified according to State guidelines. This protocol ensures that collected groundwater samples are

representative of in-situ groundwater conditions. Readings are recorded once every 2 to 5 minutes, including water level measurement. The pumping rate shall remain below 1 L/min during monitoring and sampling procedures. This is verified by periodically filling a one-Liter graduated cylinder and recording the rate, adjusting the pump as necessary. The water column within the well should remain within 5% of the static height during the purge and sample process, if this cannot be achieved, the pump rate will be reduced until the water level stabilizes. The following conditions must be met in three consecutive readings prior to sampling:

• pH	+/- 0.1 standard units
• Specific Conductivity	+/- 10.0 mS/cm for values < 1,000 mS/cm
	+/- 20.0 mS/cm for values > 1,000 mS/cm
• DO	+/- 0.05 mg/L for values < 1 mg/L
	+/- 0.2 mg/L for values > 1 mg/L
• Temperature	+/- 0.1 degrees Celcius
• ORP	+/- 10 mV

Groundwater samples are collected in containers specified by the laboratory for the analyses established at the Site, and in accordance with State of Washington regulations or guidelines. Sample containers are labeled with site name, well identification, and date of collection information. Each sample is documented on a *Chain of Custody* (“”COC”) form, and immediately placed in an iced cooler (maintained at 4 degrees Celcius or less) for transport to a certified laboratory for analysis. Please note that any purge water suspected or confirmed to contain concentrations above the MTCA Cleanup Levels is drummed and left on Site.

Appendix G

Photographs

Setup at B2 Location (MW5 in the Foreground)

Drilling at B3 Location (MW5 to the Left, MW12 to the Right)

Soil Profile of B2

Soil Profile of B3

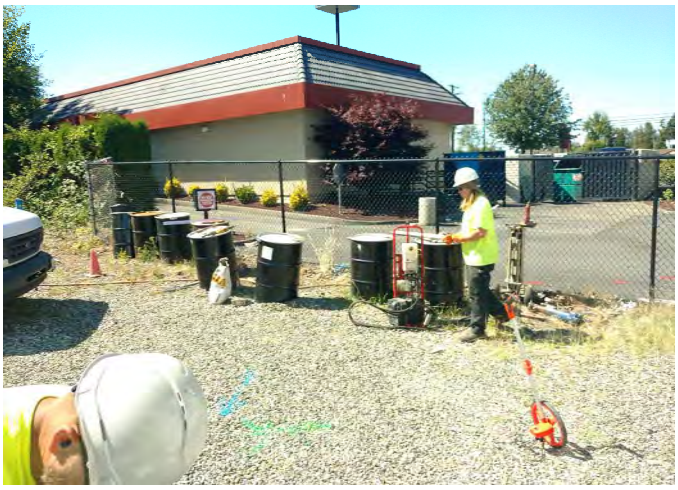

Area of Soil Borings B6 through B9, at the Northern Property Boundary

Sampling Tube Extractor at B5 Location

Looking Southwest at the Piping and Pump Housing, MW5 with Low-Flow Setup in the Foreground (10/12)

Looking Northwest Down the Property Line from MW5 (10/12)

Off-Ramp Construction Area with MW5 in the Foreground (10/12)

Looking Southeast down the Property Line from the BioSwale (MW11 in the Foreground) (10/12)

View from MW5/6 Looking Southwest Across the Drainage Ditch (Pre-Construction 7/3/18)

Pump Housing located in the Off-Ramp Construction Area to the SW (10/12/18)

Appendix H

Terrestrial Ecological Evaluation

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: Fife RV Center.	
Facility/Site Address: 3410 Pacific Highway East, Fife, Washington 98424	
Facility/Site No:	VCP Project No.:

Step 2: IDENTIFY EVALUATOR			
Please identify below the person who conducted the evaluation and their contact information.			
Name: Justin Foslien			Title: Licensed Geologist
Organization: Aerotech Environmental			
Mailing address: 13925 Interurban Avenue South #210			
City: Tukwila		State: WA	Zip code: 98168
Phone: 206 257 4211	Fax: 206 402 3872	E-mail: justin@dirtydirt.us	

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2**.*

☒ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

± "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

"Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☒ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☒ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

☐ No issues were identified during the problem formulation step.

☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*

☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use? *Check all that apply. See* WAC 173-340-7493(3).

☐ Literature surveys.

☐ Soil bioassays.

☐ Wildlife exposure model.

☐ Biomarkers.

☐ Site-specific field studies.

☐ Weight of evidence.

☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

☐ Confirmed there was no problem.

☐ Confirmed there was a problem and established site-specific cleanup levels.

5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.

Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341

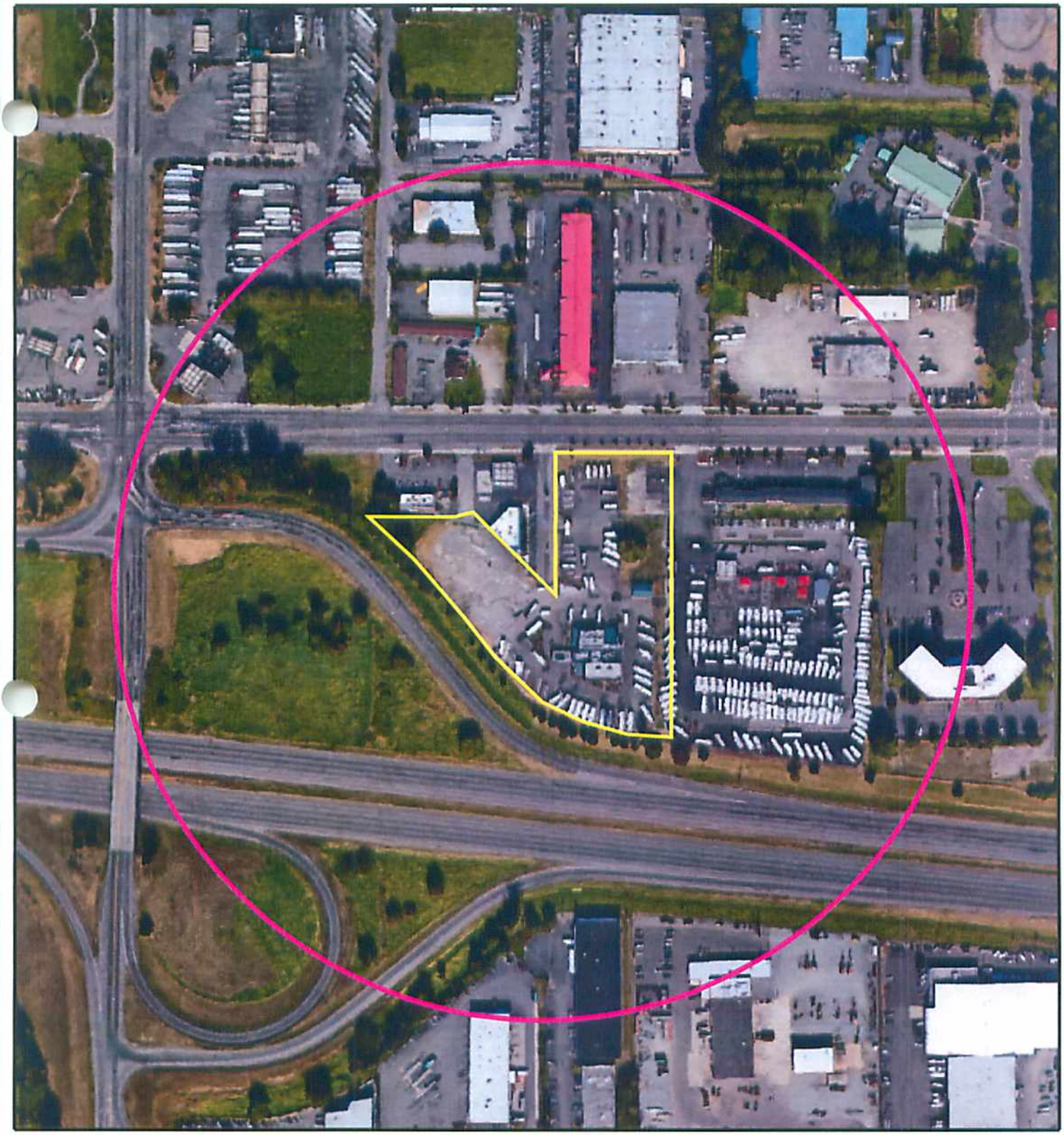

Subject Site

0 200 400

SCALE (feet)

500-Foot Radius of Site

AEROTECH ENVIRONMENTAL CONSULTING

500-FOOT RADIUS MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 12/27/16
By: Nick Gerkin
Figure: TEE

Table 749-1

Simplified Terrestrial Ecological Evaluation-Exposure Analysis Procedure

Estimate the area of contiguous (connected) undeveloped land on the site or within 500 feet of any area of the site to the nearest 1/2 acre (1/4 acre if the area is less than 0.5 acre).	
1) From the table below, find the number of points corresponding to the area and enter this number in the field to the right.	~ 2.0
Area (acres) / Points 0.25 or less / 4 0.5 / 5 1.0 / 6 1.5 / 7 2.0 / 8 2.5 / 9 3.0 / 10 3.5 / 11 4.0 or more / 12	8
2) Is this an industrial or commercial property? If yes, enter a score of 3. If no, enter a score of 1	3
3)[a] Enter a score in the box to the right for the habitat quality of the site, using the following rating system[b]. High=1, Intermediate=2, Low=3	1
4) Is the undeveloped land likely to attract wildlife? If yes, enter a score of 1 in the box to the right. If no, enter a score of 2.[c]	1
5) Are there any of the following soil contaminants present: Chlorinated dioxins/furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, pentachlorobenzene? If yes, enter a score of 1 in the box to the right. If no, enter a score of 4.	4
6) Add the numbers in the boxes on lines 2-5 and enter this number in the box to the right. If this number is larger than the number in the box on line 1, the simplified evaluation may be ended.	9

Notes for Table 749-1

[a] It is expected that this habitat evaluation will be undertaken by an experienced field biologist. If this is not the case, enter a conservative score of (1) for questions 3 and 4.

[b] **Habitat rating system.** Rate the quality of the habitat as high, intermediate or low based on your professional judgment as a field biologist. The following are suggested factors to consider in making this evaluation:

> **Low:** Early successional vegetative stands; vegetation predominantly noxious, nonnative, exotic plant species or weeds. Areas severely disturbed by human activity, including intensively cultivated croplands. Areas isolated from other habitat used by wildlife.

High: Area is ecologically significant for one or more of the following reasons: Late-successional native plant communities present; relatively high species diversity; used by an uncommon or rare species; priority habitat (as defined by the Washington Department of fish and Wildlife); part of a larger area of habitat where size or fragmentation may be important for the retention of some species.

Intermediate: Area does not rate as either high or low.

[c] Indicate "yes" if the area attracts wildlife or is likely to do so. Examples: Birds frequently visit the area to feed; evidence of high use b mammals (tracks, scat, etc.); habitat "island" in an industrial area; unusual features of an area that make it important for feeding animals; heavy use during seasonal migrations.

[Area Calculation Aid] [Aerial Photo with Area Designations] [TEE Table 749-1] [Index of Tables]

[Exclusions Main] [TEE Definitions] [Simplified or Site-Specific?] [Simplified Ecological Evaluation] [Site-Specific Ecological Evaluation] [WAC 173-340-7493]

[TEE Home]

Table 749-2

Priority contaminants of ecological concern for sites that qualify for the simplified terrestrial ecological evaluation[a]

Soil Concentration (mg/kg)		
Priority Contaminant	Unrestricted Land Use[b]	Industrial or Commercial Site
METALS[c]		
Antimony	See Note [d]	See Note [d]
Arsenic III	20 mg/kg	20 mg/kg
Arsenic IV	95 mg/kg	260 mg/kg
Barium	1,250 mg/kg	1,320mg/kg
Beryllium	25 mg/kg	See Note [d]
Cadmium	25 mg/kg	36 mg/kg
Chromium (total)	42 mg/kg	135 mg/kg
Cobalt	See Note [d]	See Note [d]
Copper	100 mg/kg	550 mg/kg
Lead	220 mg/kg	220 mg/kg
Magnesium	See Note [d]	See Note [d]
Manganese	See Note [d]	23,500 mg/kg
Mercury, inorganic	9 mg/kg	9 mg/kg
Mercury, organic	0.7 mg/kg	0.7 mg/kg
Molybdenum	See Note [d]	71 mg/kg
Nickel	100 mg/kg	1,850 mg/kg
Selenium	0.8 mg/kg	0.8 mg/kg
Silver	See Note [d]	See Note [d]
Tin	275 mg/kg	See Note [d]
Vanadium	26 mg/kg	See Note [d]
Zinc	270 mg/kg	570 mg/kg
PESTICIDES		
Aldicarb/aldicarb sulfone (total)	See Note [d]	See Note [d]
Aldrin	0.17 mg/kg	0.17 mg/kg
Benzene hexachloride (including lindane)	10 mg/kg	10 mg/kg

Carbofuran	See Note [d]	See Note [d]
Chlordane	1 mg/kg	7 mg/kg
Chlorpyrifos/chlorpyrifos-methal (total)	See Note [d]	See Note [d]
DDT/DDD/DDE	1 mg/kg	1 mg/kg
Dieldrin	0.17 mg/kg	0.17 mg/kg
Endosulfan	See Note [d]	See Note [d]
Endrin	0.4 mg/kg	0.4 mg/kg
Heptachlor/heptachlor epoxide (total)	0.6 mg/kg	0.6 mg/kg
Hexachlorobenzene	31 mg/kg	31 mg/kg
Parathion/methyl parathion (total)	See Note [d]	See Note [d]
Pentachlorophenol	11 mg/kg	11 mg/kg
Toxaphene	See Note [d]	See Note [d]
OTHER CHLORINATED ORGANICS		
Chlorinated dibenzofurans (total)	3E-06 mg/kg	3E-06 mg/kg
Dioxins	5E-06 mg/kg	5E-06 mg/kg
Hexchlorophene	See Note [d]	See Note [d]
PCB mixtures (total)	2 mg/kg	2 mg/kg
Pentachlorobenzene	168 mg/kg	See Note [d]
OTHER NONCHLORINATED ORGANICS		
Acenaphthene	See Note [d]	See Note [d]
Benzo(a)pyrene	30 mg/kg	300 mg/kg
Bis (2-ethylhexyl) phthalate	See Note [d]	See Note [d]
Di-n-butyl phthalate	200 mg/kg	See Note [d]
PETROLEUM		
Gasoline Range Organics	200 mg/kg	12,000 mg/kg except that the concentration shall not exceed residual saturation at the soil surface.
Diesel Range Organics Common examples of diesel range organics include: Diesel #2, Fuel Oil #2, and light oil including some bunker oils. Refer to Table 830-1	460 mg/kg	15,000 mg/kg except that the concentration shall not exceed residual saturation at the soil surface.

Table 749-2 Notes

[a] Caution on misusing these chemical concentration numbers. These values have been developed for use at sites where a site-specific terrestrial ecological evaluation is not required. They are not intended to be protective of terrestrial ecological receptors at every site. Exceedances of the values in this table do not necessarily trigger requirements for cleanup action under this chapter. The table is not intended for purposes such as evaluating sludges or wastes.

This list does not imply that sampling must be conducted for each of these chemicals at every site. Sampling should be conducted for those chemicals that might be present based on available information, such as current and past uses of chemicals at the site.

[b] Applies to any site that does not meet the definition of industrial or commercial.

[c] For arsenic, use the valence state most likely to be appropriate for site conditions, unless laboratory information is available. Where soil conditions alternate between saturated, anaerobic and unsaturated, aerobic states, resulting in the alternating presence of arsenic III and arsenic V, the arsenic III concentrations shall apply.

[d] Safe concentration has not yet been established.

[Area Calculation Aid] [Aerial Photo with Area Designations] [TEE Table 749-1] [TEE Table 749-2] [TEE Table 749-3] [TEE Table 749-4] [TEE Table 749-5] [TEE Table 830-1]

[Exclusions Main] [TEE Definitions] [Simplified or Site-Specific?] [Simplified Ecological Evaluation] [Site-Specific Ecological Evaluation] [WAC 173-340-7493]

[TEE Home]

Appendix I

Supplemental Documents – Previously Proposed Development with As-Builts

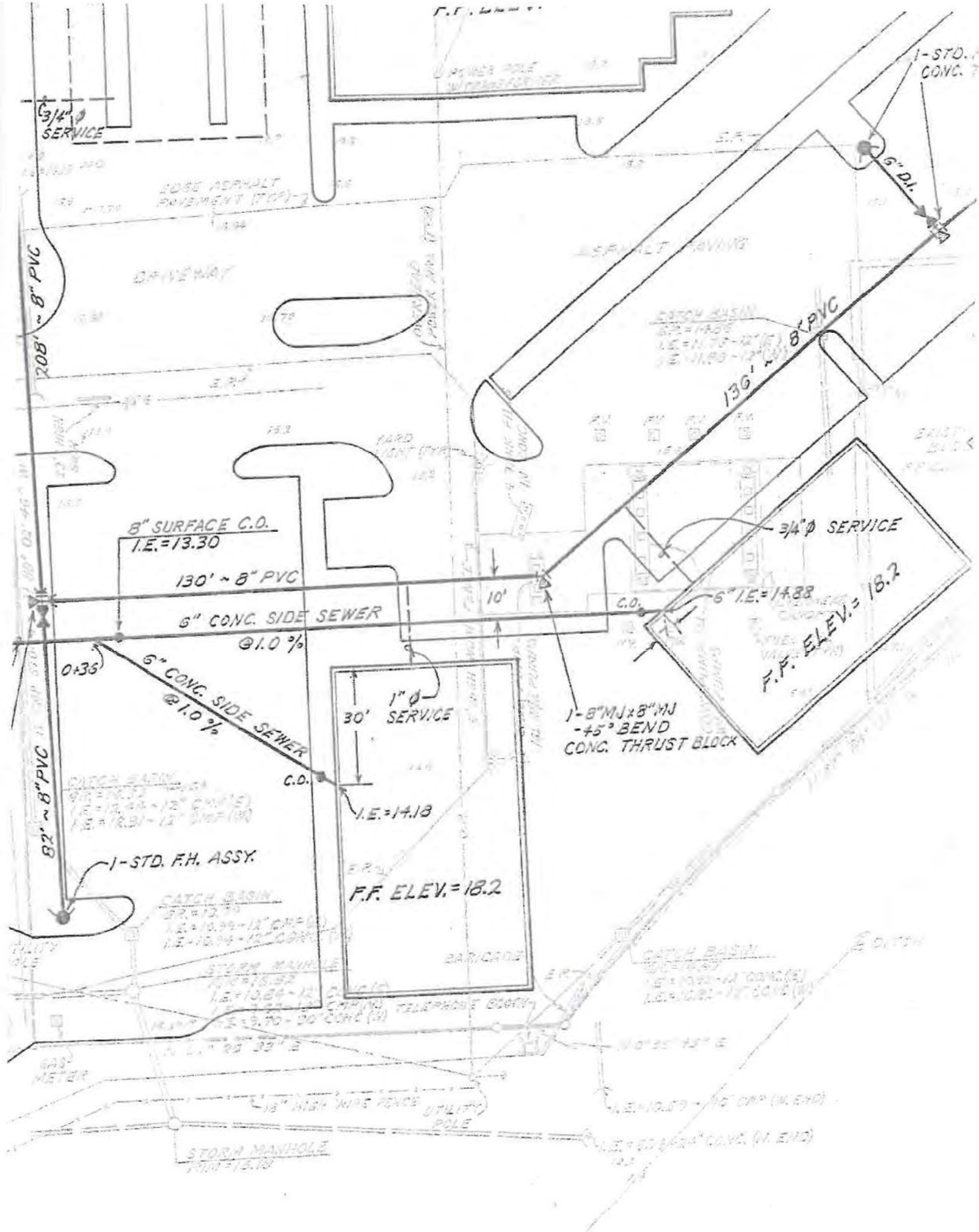
3/4" Ø SERVICE
208' ~ 8" PVC
8" SURFACE C.O.
I.E.=13.30
130' ~ 8" PVC
6" CONC. SIDE SEWER
@1.0 %
0+35
6" CONC. SIDE SEWER
@1.0 %
82' ~ 8" PVC
1-STD. F.H. ASSY.
30'
1" Ø SERVICE
C.O.
I.E.=14.18
F.F. ELEV.=18.2
10'
C.O.
1-8"MJ x 8"MJ
-45° BEND
CONC. THRUST BLOCK
6" I.E.=14.88
3/4" Ø SERVICE
F.F. ELEV.=18.2
130' ~ 8" PVC
6" D.I.
1-STD.
CONC.

Appendix J

Supplemental Documents – RZA Reports on Jack in the Box Parcel

Subsurface Exploration and Geotechnical Engineering Report
Proposed Jack-In-The-Box Restaurant
Pacific Highway South and Port of Tacoma Road
Fife, Washington

Prepared for

Foodmaker, Inc.
2395 American Avenue
Hayward, California 94545

Prepared By

Rittenhouse-Zeman & Associates, Inc.
1400 - 140th Avenue N.E.
Bellevue, Washington 98005

December 1987

W-5435

2 December 1987

W-5435

Foodmaker, Inc.
2395 American Ave.
Hayward, California 94545

Attention: Mr. Chris Smith

Subject: Subsurface Exploration and Geotechnical Engineering Report
Proposed Jack-In-The-Box Restaurant
Pacific Highway South and Port of Tacoma Road
Fife, Washington

Gentlemen:

We are pleased to present herein a copy of the above referenced report. This report presents the results of our subsurface exploration and geotechnical engineering study relative to the foundation and construction considerations for the proposed project. Authorization to proceed with this study was provided verbally from Chris Smith of Foodmaker, Inc. on 2 November 1987. This report has been completed in general accordance with our preliminary findings and Proposal for Supplemental Geotechnical Services in a letter dated 30 October 1987.

We appreciate this opportunity to be of service to you and will be pleased to discuss the contents of this report or other aspects of the project with you at your convenience.

Respectfully submitted,

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.

James S. Dransfield

James S. Dransfield, P.E.
Senior Project Engineer

SUBSURFACE EXPLORATION AND
GEOTECHNICAL ENGINEERING REPORT
PROPOSED JACK-IN-THE-BOX RESTAURANT
PACIFIC HIGHWAY SOUTH AND PORT OF TACOMA ROAD
FIFE, WASHINGTON

1.0 SUMMARY

The proposed project construction is considered feasible with respect to the subsurface conditions encountered at the subject site. A brief summary of the main project geotechnical considerations is presented below:

- Our subsurface exploration program at the site consisted of two backhoe test pits and one hollow-stem auger boring.
- Subsurface conditions disclosed in our explorations generally consisted of 5 to 6 feet of medium dense to very dense gravelly sand fill overlying roughly 14 feet of soft to medium stiff silt with interbedded loose sand, underlain by denser sands with interbedded silts to the bottom of our deepest exploration at 59 feet the ground surface. The groundwater table was encountered approximately 17 feet below the ground surface.
- In our opinion, shallow spread footings founded upon either a preloaded fill or a prerolled subgrade would perform satisfactorily with respect to bearing capacity. However, long-term settlements of footings founded on existing site conditions are anticipated to be on the order of 2 inches. A short-term preload could reduce the anticipated total long-term settlements to 1 inch or less. If the owner cannot allow time to surcharge the site, and cannot tolerate the risk of settlement associated with "floating" the foundation, consideration should be given to a pile foundation.
- The risk of settlement of the floor slab constructed on the existing site grade is moderate. Again, the amount of settlement could be reduced by a site preload. Alternatively, only minimal settlements would be likely with a structurally supported floor in conjunction with a pile foundation.

This summary is presented for introductory purposes and should be used in conjunction with the full text of this report. The project description, site

conditions and our detailed design recommendations are presented in the text of this report. The exploration procedures and logs are presented in Appendix A.

2.0 PROJECT DESCRIPTION

The site is a rectangular shaped lot located roughly 100 feet east of the southeast corner of the intersection of Pacific Highway South and Port of Tacoma Road in Fife, Washington. The parcel has about 150 feet of frontage along Pacific Highway South, and is roughly 130 feet deep in a north-south direction.

The proposed project would consist of the construction of a single-story restaurant, with slab-on-grade floors. We understand footing loads will be moderately light. Major portions of the north side of the site are already asphalt paved and will serve as future parking areas. The portion of the site immediately surrounding the restaurant is to be developed for drive-thru lanes and dumpster aprons with rigid concrete pavement. We understand that the new building and surrounding pavement will be at approximately the same elevation as existing site grade. The location of the proposed structure and the approximate locations of the explorations accomplished for this study are shown on the Site and Exploration Plan, Figure 1.

The purpose of this study was to establish general subsurface conditions at the site, from which conclusions and recommendations for foundation design and construction for the project could be formulated. The scope of work consisted of field explorations, geotechnical engineering analyses and report preparation. In the event of any changes in the nature, design or location of the structures, the conclusions and recommendations contained in this report should be reviewed and modified, if necessary, to reflect the changes. This report has been prepared for the exclusive use of Foodmaker, Inc. and their agents, for specific application to this project in accordance with generally accepted geotechnical engineering practices.

3.0 SITE CONDITIONS

The site conditions were evaluated for this study in October and November 1987. The surface and subsurface conditions are described below, while the exploration

procedures and interpretive logs of the explorations are apresented in Appendix A. The proposed site development and approximate locations of the explorations accomplished for this study are indicated on the Site and Exploration Plan, Figure 1.

3.1 SURFACE CONDITIONS

The topography across the parcel was observed to be fairly flat-lying, with the exception of a triangular-shaped detention pond roughly 6 feet deep and about 50 feet on each side in dimension. The detention pond was located immediately south of the building pad. The southeast corner of the building pad, and areas to the east and north were mostly asphalt paved. The majority of the building pad and portions of the site to the west were non-paved. Only sparse vegetation was noted on the non-paved portions of the site at the time of our study. No surface water was noted at the time of our site visit. However, the low area on the site reportedly serves as a storm water detention basin.

3.2 SUBSURFACE CONDITIONS

The subsurface conditions encountered in our explorations across the site consisted of a 5 to 6 foot layer of relatively dense sand fill over interbedded softer alluvial deposits. The two test pits and one boring were advanced within the building pad area and encountered 5 to 6 feet of medium dense to very dense, gravelly sand (fill), with one interbedded silt layer at 3 to 3-1/2 feet in test pit TP-2. Intermixed construction debris was noted in the lower portions of the fill in both test pits. Beneath the sand fill, soft to medium stiff, wet to saturated brownish-gray silt with some intermixed peat was encountered which extended to 19 feet below the ground surface. An interbedded silty, fine sand layer was encountered at 12 to 14 feet below the ground surface in our test boring. Beneath the soft to medium stiff silt layer, medium dense to dense dark gray to black, silty, fine sand was encountered to 41-1/2 feet below the ground surface. A 4-1/2 foot layer of soft silt was encountered below the medium dense to dense sand. The test boring bottomed in a layer of dense silty, sand interbedded with very stiff to hard fine sandy silt, to the full depth of our exploration at 59 feet below the ground surface.

Groundwater was measured in an observation well (installed during drilling) at roughly 17 feet below the ground surface twelve days after completion of the drilling. Slight seepage was noted in our test pits at 10.5 feet below the ground surface. It should be noted that the groundwater level and subsurface seepage volumes may fluctuate due to variations in rainfall, season, the level of the adjacent detention pond, changes in site utilization and other factors.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The project site is to be developed for a single-story restaurant with slab-on-grade floors, surrounded by asphalt-paved parking and driveways. In addition to asphalt-paved areas, we understand a concrete drive-thru lane is to be constructed and a concrete pad will be installed in front of the trash enclosure. We understand grades will remain at roughly the same elevation, to match the level of the existing parking area to the north.

Based on our understanding of construction of nearby buildings, and reported site history, we understand the site was filled with the 5 to 6 feet of fill to its present level at least two to three years ago. We understand the nearby light structures including a high single-story restaurant and a single-story deli were "floated" on the upper sand fill with no mitigative site pretreatment. Based upon our explorations, laboratory testing, and our understanding of site history, the parcel appears adequate for the proposed development, utilizing shallow foundation support and slab-on-grade floors without pretreatment, assuming that your structure can tolerate some differential settlement. The risk of somewhat greater settlements should be anticipated over the long-term (say 10 to 20 years) if the structure is floated on the existing site soils. If the structure is not settlement tolerant, it would be necessary to surcharge or use piles. Surcharging is often more economical but does add a time constraint to construction. A pile foundation and a structural floor would provide more positive assurance with regard to settlement and can be installed rapidly.

We estimate long-term settlements of as much as 2 inches may occur if the building is "floated" on existing site grade. Settlements could be reduced to 1 inch or

less if a surcharge of 5 feet is placed on the site for roughly 45 to 60 days. Based upon our previous discussions with the owner, we assume that settlements exceeding 1 inch would not be acceptable. The following recommendations in this report therefore, are based on our recommended alternative of surcharging the building pad, and then removing that surcharge prior to construction of a slab-on-grade and shallow foundation system. We can provide more detailed information for the pile foundation option if desired.

If the owner elects to "float" the structure, the following recommendations would apply (excluding, of course, the preloading discussion). Where the fill is penetrated, or structures or utilities are installed more than 18 inches below grade, we recommend overexcavating 2 feet lower and backfilling with "structural fill" (as described subsequently).

4.1 Site Preparation

All vegetation, fill mounds, topsoil and other debris on the surface of the site should be removed from building and pavement areas as a first step in site preparation and prior to preloading. The subgrade surface should then be compacted to a minimum of 90 percent density, using ASTM:D 1557 as the standard. The preload fill below slab or pavement grade should be then be placed as "structural fill" (as described in the subsequent section), compacted to 90 percent density at least up to finished floor subgrade elevation. Fill placed above finished grades need only be nominally compacted to allow for equipment traffic and easy passage. Settlement plates roughly 18 inches square should be placed at the base of the fill prior to fill placement, fitted with pipes extending up through the fill to serve as survey monuments to monitor site settlement response with time.

With increasing thickness of preload fill and longer duration for the preload, future settlements would be reduced and site densification would increase. We have performed a consolidation test on a sample of the compressible silts obtained at roughly 10 feet below the ground surface. The results of this test are attached as Appendix B at the end of this report. We would recommend placement of about

5 feet of fill for about 45 to 60 days as a minimum preloading duration for the site. The settlement plates should be monitored by survey twice weekly immediately after their installation, and weekly thereafter. We should be provided with the surveying results of the settlement plates during preloading, so that the progress of the preload can be evaluated, and so that the preload fill can be removed as soon as possible to accommodate the remaining construction activities.

4.2 Structural Fill

All fill placed beneath building areas, parking areas, drives and walkways, should be placed in accordance with the recommendations herein for structural fill. Prior to placement of structural fill, the surfaces to receive soil should be prepared as previously recommended. Structural fill should be placed in loose lifts not exceeding 8 inches in thickness. Individual lifts should be mechanically compacted to a density of at least 90 percent of the modified Proctor maximum density (ASTM:D 1557). We recommend that a representative of our firm be present during placement of structural fill to observe the work and perform a representative number of in place density tests. In this way, the adequacy of the earthwork may be evaluated as the grading progresses.

The suitability of soils for structural fill use depends primarily on the gradation and moisture of the soil when it is placed. As the amount of fines (that portion passing the U.S. No. 200 sieve) increases, the soils become increasingly sensitive to small changes in moisture content and adequate compaction becomes more difficult or impossible to achieve. Portions of the near surface soils we encountered on the site contained more than about 5 percent fines by weight, and could not be consistently compacted to a firm, non-yielding condition when the moisture content is more than about 2 percent above optimum. Therefore, at this site, earthwork should be scheduled during warm, dry weather, in order to use the onsite soils as structural fill. Even then, delays in grading are common due to inclement weather. If rain occurs while the subgrade is exposed or during placement of onsite silty materials (or any soil with over 5 percent fines), the wetted material must be allowed to dry prior to additional filling. It may be necessary to scarify the

upper layer, allow it to dry, and then recompact prior to additional filling. Over-excavation and removal of wet materials may be necessary if weather conditions preclude drying and recompaction.

If the site soils cannot be used for fill, due to their elevated silt and moisture content, it may be expedient to import a "clean" granular material for structural fill use. Similarly, only "clean" granular material should ideally be utilized for preload fill, since such material could be reused as structural fill during most weather conditions. In this case, the imported soils should contain no more than 5 percent (by weight) material passing the U.S. No. 200 sieve when measured on the minus No. 4 fraction. A material of this type may be successfully placed and compacted under a wide variety of weather conditions. Structural fill should be free of organics and other deleterious material with individual particles no greater than 6 inches in diameter.

4.3 Foundations

The proposed foundation may be supported by conventional spread or continuous footings. These foundation elements should be supported by the existing medium to very dense fill soils, or structural fill placed directly above these suitable bearing soils. We anticipate that footing loads will be light to moderate. Contingent on this condition, we recommend that the foundations be designed with an allowable bearing pressure of 2100 pounds per square foot (psf). This allowable bearing pressure may be increased by up to one-third to accommodate seismic or transient loads. Exterior footings should penetrate at least 18 inches below lowest surrounding ground surface for frost protection. Interior footings need only extend 12 inches below the surrounding ground or slab surfaces. All footings should have a minimum width of at least 12 inches. In all cases, footings must penetrate into the prescribed bearing stratum. Foundation elements should not be set in or above loose or disturbed soils or topsoil. For foundation elements on the site founded upon the preloaded sand fills, maximum future total settlements may be on the order of 1 inch with differential settlement equal to roughly one-half of the total observed. If loose, disturbed or soft materials are left within

the foundation area prior to concrete placement, the above settlements may be increased. Therefore, it would be appropriate to have the conditions of all footings observed by the geotechnical engineer or his representative immediately prior to concrete placement, in order to confirm bearing conditions are uniform and consistent with those assumed in design.

4.4 Slab-On-Grade Floors

The subgrade to support the ground level floor slab should be prepared in accordance with our previous site preparation recommendations. Slabs-on-grade should be founded on a preloaded fill with its surface compacted to at least 90 percent density (ASTM:D 1557). We recommend the uppermost 4 inches of fill beneath the slab consist of clean, sand and gravel, crushed rock or pea gravel, to serve as a capillary break and working surface. The fines content of the capillary break should be limited to 5 percent or less, and the capillary break should contain at least 40 percent gravel, by weight. Additionally, an impervious moisture barrier should be utilized to protect the slab from dampness. If the floor slab level is near or below adjacent exterior grades, perforated pipe perimeter drains should be installed around the buildings and footing trenches.

4.5 Drainage Considerations

Portions of the subsoils are silty and can result in the development of a temporarily perched groundwater condition. Additionally, traffic across the soils when they are wet will lead to the disturbance of otherwise firm strata. Therefore, prior to site work and construction, the contractor should be prepared to carry surface runoff around the exposed ground. This may be accomplished by the use of open ditches or other measures.

In planning, site grades should be set so that water does not collect adjacent to the building. Instead, the ground should be sloped away from the structures so that runoff may be carried to the storm drain system. All perimeter footings and retaining walls should be provided with a perforated pipe drain at the base. This drainpipe should be fully enveloped by at least 6 inches of pea gravel. The foundation drainage system should be routed via tight-line downslope by gravity to

a suitable discharge point. Roof and surface runoff should not discharge into the footing drain system. Instead, a separate tight-line drain or splashblocks should be used. In those areas where excavations are made, seepage zones may develop from cut faces. Such localized seepage areas should be blanketed by rock to control piping and erosion.

4.6 Pavement

We understand the existing asphalt-paved parking area to the north will be used for the facility. Some portions of the south half of the site will be asphalt-paved, and other areas will be developed to support rigid concrete pavement for drive-thru lanes and sidewalks, and dumpster apron. Pavement design, it must be recognized, is a compromise between high initial cost with little maintenance on one side and low initial cost coupled with the need for periodic repairs. As a result, the owner will need to take part in development of the appropriate pavement sections. Critical features which govern the durability of a surfacing include the stability of the subgrade, the presence or absence of moisture, free water and organics, the fines content of the subgrade soils, the traffic volume, and the frequency of use by heavy vehicles.

4.6.1 Asphalt Pavement

The on-site soils are relatively dense sands with some silt and exhibit moderate subgrade support characteristics. We would recommend the surface of the subgrade be compacted to 90 percent density (ASTM:D 1557). A recommended minimum pavement section for the parking areas and drive-thru lanes would have an asphaltic-concrete thickness of 3 inches underlain by a minimum of 4 inches of crushed aggregate.

If the risk of some cracking of the asphalt and the attendant need for periodic maintenance could be tolerated, a thinner pavement section could be considered. This may best be evaluated during construction, when the performance of the existing pavement under heavy truck traffic can be observed. A possible alternative section would be to construct a thicker pavement section in heavy traffic lanes such as main driveways, entrances, etc., and to use a thinner section for dedicated parking areas not subjected to truck or heavy traffic.

4.6.2 Rigid Concrete Pavement

For rigid pavment design, we recommend utilizing a modulus of vertical subgrade reaction of 200 pci (pounds per cubic inch), if the concrete roadway is underlain by free-draining granular backfill compacted to 90 percent density using ASTM:D 1557 as the standard. We have assumed a working stress (modulus of rupture) in the concrete of 335 psi. For design of concrete drive-thru lanes and dumpster areas, we assumed 100,000 equivalent 18 kip axle-loads occurring over the 20-year design life. Based on review of design charts ("Principles of Pavement Design", Yoder and Witzak (1975)), a minimum slab thickness of 6 inches would be recommended for both drive-thru lanes and the dumpster approach apron.

5.0 CLOSURE

The conclusions and recommendations presented in this report are based on the explorations accomplished for this study. The number, location and depth of the explorations were completed within the site and proposal constraints so as to yield the information used to formulate the design recommendations. The integrity of the foundation depends on proper site preparation and construction procedures. Because of the settlement sensitivity of the facility, geotechnical engineering decisions may be required in the event that localized variations become apparent during construction. It is recommended that we be retained to provide geotechnical engineering services during the site preparation, preload placement, and foundation construction phases of this project.

Respectfully submitted,

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.

James S. Dransfield, P.E.
Senior Project Engineer

Kurt W. Groesch, P.E.
Associate

JAMES S. DRANSFIELD
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

KURT W. GROESCH
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

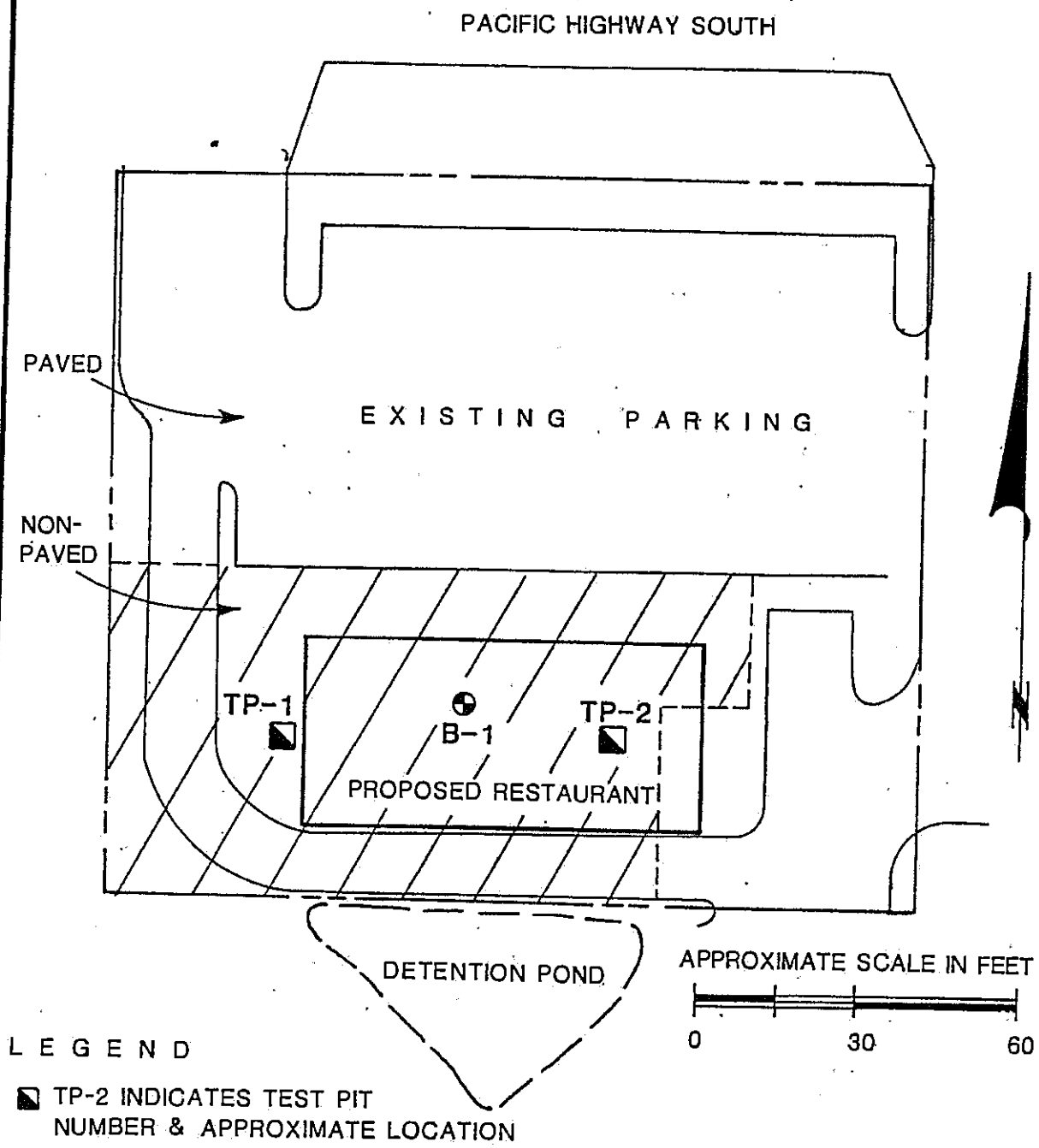

FIFE JACK-IN-THE-BOX

SITE & EXPLORATION PLAN
FIGURE 1

W.O. W-5435
BY JSD
DATE NOV 1987
SCALE NOTED

Base map from Schematic Site Plan provided by client

RITTENHOUSE-ZEMAN & & ASSOCIATES, INC.
Geotechnical & Hydrogeological Consultants
1400 140th Avenue N.E.
Bellevue, WA 98005

APPENDIX A

SUBSURFACE EXPLORATION PROCEDURES AND LOGS

App A

APPENDIX A

W-5435

SUBSURFACE EXPLORATION

The field exploration program conducted for this study consisted of advancing a series of 2 test pits and one deep test boring. The approximate exploration locations are illustrated on the Site and Exploration Plan, Figure 1. The locations were obtained in the field by pacing from existing site features.

Test Pit Excavations

The test pits were excavated with a rubber-tired backhoe on 22 October 1987, by a local excavating contractor. The test pits were observed and logged by an engineering geologist from our firm. Disturbed but representative samples of the soils in the test pits were retrieved, classified in the field and transported in plastic bags to our laboratory for detailed evaluation and classification. The test pit logs are presented in this appendix and are based on the inspection of the samples secured and the field logs. The relative soil densities indicated on the test pit logs are interpretative descriptions based on the conditions observed during the excavation.

Hollow Stem Auger Boring

The boring was drilled on 5 November 1987 by a local exploration drilling company under subcontract to our firm. The boring consisted of advancing a 4-inch inside diameter, hollow-stem auger with a truck-mounted drill rig. During the drilling process, samples were obtained at generally 2.5 or 5.0 foot depth intervals. The borings were continuously observed and logged by an engineering geologist from our firm.

Undisturbed samples were obtained by pushing a 3-inch outside diameter, seamless steel Shelby tube into the soil by the hydraulic system on the drill rig in accordance with ASTM:D 1587. Since the thin wall tube is pushed rather than driven,

continued

the sample obtained is considered relatively undisturbed. The samples were classifed in the field by examining each end prior to sealing with plastic caps. The samples were then transported to our laboratory where they were extruded for further classification and laboratory testing.

Disturbed samples were obtained by using the Standard Penetration Test Procedure as described in ASTM:D 1586. This test and sampling method consists of driving a standard 2-inch outside diameter split barrel sampler a distance of 18 inches into the soil with a 140 pound hammer free falling a distance of 30 inches. The number of blows for each 6 inch interval is recorded. The number of blows required to drive the sampler the final 12 inches is considered the Standard Penetration Resistance ("N") or blow count. The blow count is presented graphically on the boring logs in this appendix. If a total of 50 blows is recorded within one 6 inch interval, the blow count is recorded as 50 blows for the number of inches of penetration. The resistance, or "N" value, provides a measure of the relative density of granular soils or the relative consistency of cohesive soils.

The soil samples obtained from the split-barrel sampler were classified in the field and representative portions placed in watertight containers. The samples were then transported to our laboratory for further visual classification and laboratory testing. Samples are generally saved for a period of 30 days unless special arrangements are made.

The boring logs presented in this appendix are based on the drilling action, inspection of the samples secured, laboratory results and field logs. The various types of soils are indicated as well as the depths where the soils or characteristics of the soils changed. It should be noted that these changes may have been gradual, and if the changes occured between sample intervals, they were interpreted.

The ground water conditions observed during the exploration program are indicated on the boring log and test pit logs. These subsurface water conditions were

continued

evaluated by observing the moisture condition of the samples, the free water on the sampling rods or the sidewalls of the excavation in the case of the test pits. The ground water level is indicated on the boring logs where appropriate by the water symbol. An observation well was installed in the boring to monitor ground water levels following drilling. The observation well consists of a 3/4-inch diameter slotted PVC pipe placed in the boring, which extended to the ground surface.

TEST PIT LOGS

Depth (feet)	Soil Classification	W-5435

Test Pit TP-1

0.0 - 2.5	Dense, moist to wet, brown, gravelly SAND with trace silt (Fill)
2.5 - 6.0	Dense, moist to wet, gray, gravelly SAND; miscellaneous debris including barbed wire, wood, etc. (Fill)
6.0 - 14.0	Soft, wet to saturated, brown-gray SILT with interbedded sandy layers and organics
	Slight seepage and caving below 10.5 feet
	Moisture content at 7 feet: 44.4%

Test Pit TP-2

0.0 - 3.0	Dense, moist to wet, brown, gravelly SAND with trace silt (Fill)
3.0 - 3.5	Medium stiff, wet, gray SILT with trace to some sand and some roots (Fill)
3.5 - 5.0	Dense, moist to wet, gray to brown-gray, gravelly, SAND with interbedded debris (Fill)
5.0 - 13.5	Soft, wet to saturated, brown-gray, SILT with trace sand and intermixed organics
	Moderate caving below 8 feet
	Slight seepage below 10.5 feet
	Moisture content at 12 feet: 48.4%

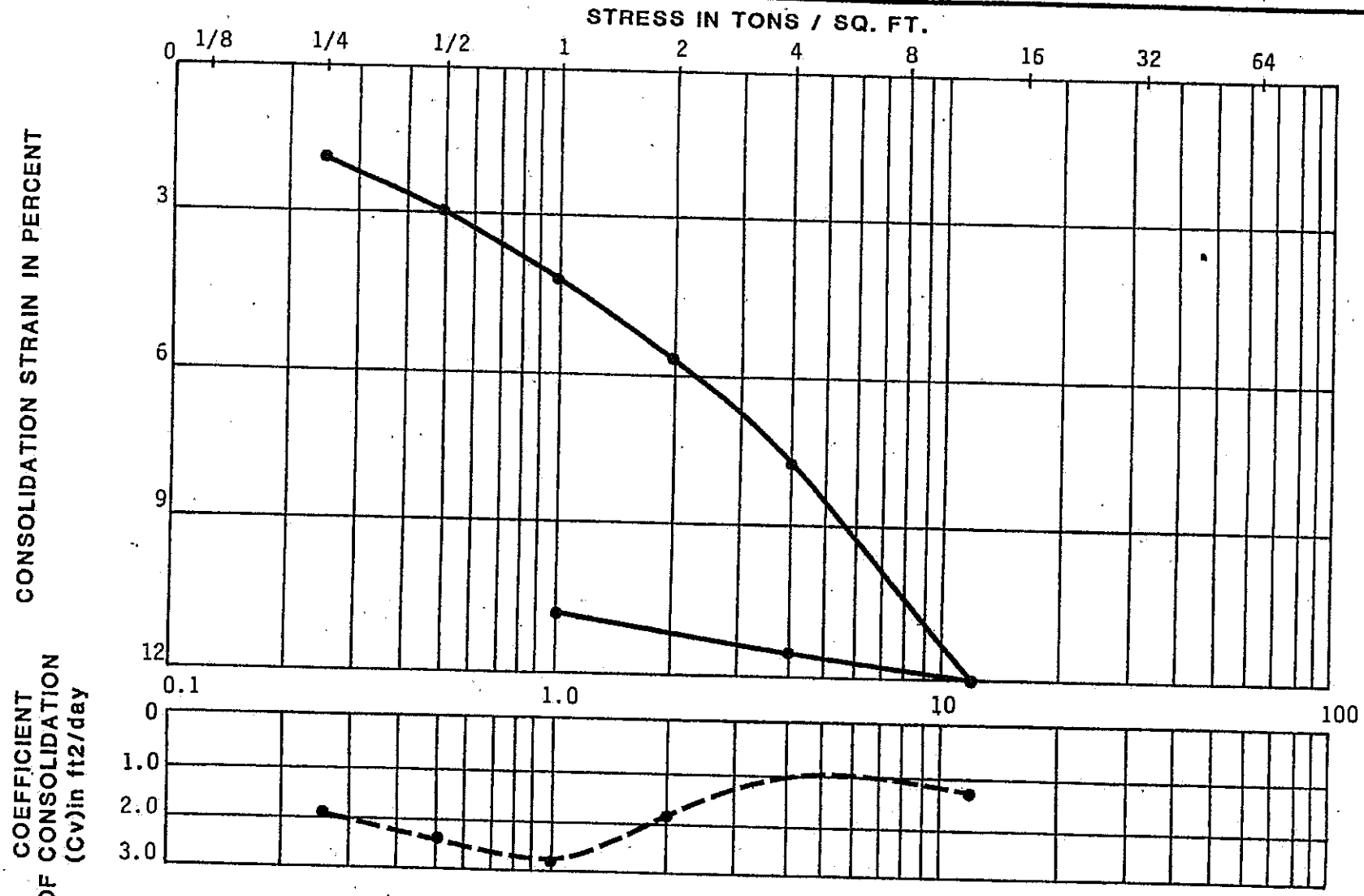

BORING No.: B-1 SAMPLE No.: S-2

DEPTH: 10 ft

WATER CONTENT: 45.3 LL: PL:

DRY UNIT WEIGHT: 76.7 pcf

SOIL DESCRIPTION: Silt

Figure B-1

CONSOLIDATION TEST

W.O. W-5435

By JSD

Date NOV 1987

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
Geotechnical Consultants
1400 140th Avenue N.E.
Bellevue, Wash. 98005

RZA

RZA

RITTENHOUSE-ZEMAN & ASSOC., INC.

Geotechnical / Hydrogeological Consultants

BORING NUMBER B-1 W.O. W-5435

PROJECT NAME Fife Jack-In-The-Box

SOIL DESCRIPTION (Ground Surface Elevation Approximately Feet)	DEPTH (FEET)
Dense to very dense, moist, brown, gravelly SAND with some silt (Fill)	0
Soft to medium stiff, wet to saturated, dark gray-brown, fine sandy SILT with trace to some organics	5
Interbedded, loose, dark brown to black, silty fine SAND at 12 to 14 feet	10, 15
Medium dense to dense, saturated, dark gray to black, silty fine SAND	20, 25, 30, 35, 40

LAB TESTS | SAMPLING | GROUND WATER

17 November 1987

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

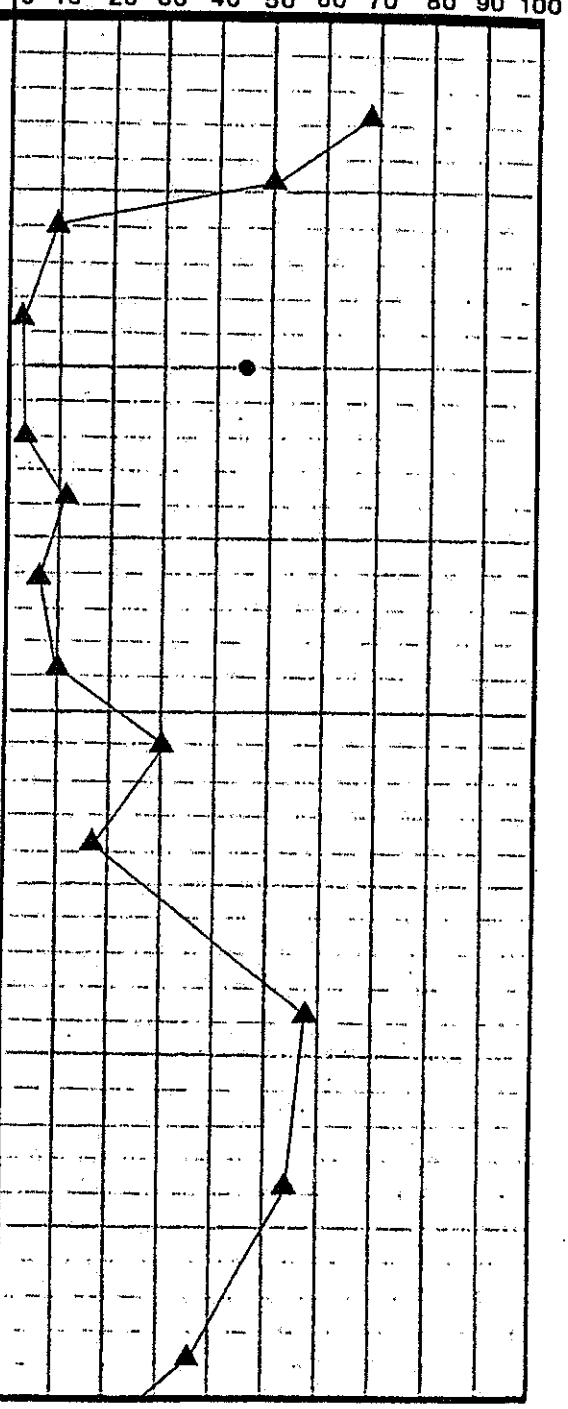

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-1 (cont.) W.O. W-5435
PROJECT NAME Fife Jack-In-The-Box

SOIL DESCRIPTION Ground Surface Elevation Approximately Feet	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER	STANDARD PENETRATION RESISTANCE ▲ BLOWS PER FOOT (140 lb. hammer, 30 inch drop) 0 10 20 30 40 50 60 70 80 90 100
(As above)	40				
Soft, saturated, brown-gray SILT with some clay	45				
Interbedded dense, saturated, brown-gray, silty fine SAND, and very stiff to hard, fine sandy SILT	50				
	55				
Boring terminated at 59 feet 5 November 1987	60				

SAMPLING
I 2" OD SPLIT SPOON SAMPLE
II 3" OD SHELBY SAMPLE
2.5" ID RING SAMPLE
B BULK SAMPLE
★ SAMPLE NOT RECOVERED

GROUND WATER
SEAL
DATE
WATER LEVEL AT TIME OF DRILLING ATD
OBSERVATION WELL TIP

LABORATORY TESTS
● % WATER CONTENT
NP NON PLASTIC
LIQUID LIMIT
NATURAL WATER CONTENT
PLASTIC LIMIT

APPENDIX B

LABORATORY TEST PROCEDURES AND RESULTS

APPENDIX B

W-5435

LABORATORY TESTING PROCEDURES

A series of laboratory tests were performed during the course of this study to evaluate the index and geotechnical engineering properties of the subsurface soils. Descriptions of the types of tests performed are given below.

Visual Classification

Samples recovered from the exploration locations were visually classified in the field during the exploration program. Representative portions of the samples were carefully packaged in watertight containers and transported to our laboratory where the field classifications were verified or modified as required. Visual classification was done in general accordance with the Unified Soil Classification system. Visual soil classification includes color, relative moisture content, soil type based on grain size, and accessory soil types included in the sample. Soil classifications are presented on the exploration logs in Appendix A.

Moisture Content Determinations

Moisture content determinations were performed on representative samples obtained from the explorations in order to aid in identification and correlation of soil types. The determinations were made in general accordance with the test procedures described in ASTM:D 2216. The results of the tests are shown on the exploration logs in Appendix A.

Consolidation Test

A one-dimensional consolidation test was performed in general accordance with ASTM:D 2435 on a selected sample of the site soils to provide data for developing settlement estimates. The undisturbed soil sample was carefully trimmed and fit

continued

into a rigid ring. Porous stones were placed on both the top and bottom of the sample to allow drainage. Vertical loads were then applied to the sample incrementally in such a way that the sample was allowed to consolidate under each load increment. The rebound of the sample during unloading was also measured. The results of the consolidation test are presented in this appendix as a plot of percent consolidation (strain) versus applied load (stress).

Petroleum Hydrocarbon Oil and Grease Analyses

Petroleum odor was noted in our test boring, at 5 to 10 feet below the ground surface. Samples were obtained in plastic jars and returned to our laboratory. The samples from the test borings with the most notable odor were submitted to an analytical laboratory for further testing. The submitted samples are as follows:

Boring No.	Sample No.	Depth (feet)
B-1	S-3	5.0 - 6.5
B-1	S-4	7.5 - 9.0
B-1	S-5	11.0 - 12.5

The soil samples were recovered using standard geotechnical drilling procedures. The samples returned to the laboratory in plastic jars were then transferred to laboratory-treated glass jars and submitted to the chemical testing laboratory in accordance with RZA's chain-of-custody procedures. The petroleum hydrocarbon oil and grease analyses were subcontracted to AmTest, Inc. in Redmond, Washington. Samples were analyzed for total oil and grease concentrations, petroleum hydrocarbon oil and grease concentrations and volatile aromatic hydrocarbons (benzene, tolulene, and xylene). The total oil and grease values include the animal,

continued

vegetable, and petroleum oil and grease contained in the sample. The petroleum hydrocarbon oil and grease value is that amount of the total oil and grease that is petroleum-based. The volatile aromatic hydrocarbons (benzene, tolulene and xylene) are the mobile and toxic constiuents of petroleum products. The results were reported in micrograms per gram (µg/g) for oil and grease, and the BTX in micrograms per kilogram (µg/g). The results of the petroleum hydrocarbon testing are attached in this Appendix.

am test inc.
14603 N.E. 87th St. • REDMOND, WASHINGTON 98052 • 206/885-1664

ANALYSIS REPORT

CLIENT: Rittenhouse - Zeman & Associates, Inc.

REPORT TO: Jim Dransfield
1400 - 140th NE
Bellevue, WA 98005

DATE RECEIVED: 11/6/87

DATE REPORTED: 11/23/87

JOB NO.: W 5435

BTX BY EPA METHOD 8020

Laboratory Sample Nos.	Client Identification	Benzene (ug/kg)	Toluene (ug/kg)	m+p-Xylene (ug/kg)	o-Xylene (ug/kg)
715234	B1, S-3	ND	ND	43.	3.0
715235	B1, S-4	ND	68.	882.	17.6
715236	B1, S-5	22.	ND	10.8	25.
DETECTION LIMIT		3.0	3.0	6.0	3.0

ND = Not Detected.

Continued . . . . .

RZA
RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
Geotechnical Consultants
1400 140th Avenue N.E.
Bellevue, Washington 98005
(206) 746-8020

14 January 1988

W-5435-1

Foodmaker, Inc.
2395 American Avenue
Hayward, California 94545

Attention: Mr. Greg Pace

Subject: Soil Quality Evaluation
Proposed Jack-In-The-Box Restaurant Site
Pacific Highway South and Port-of-Tacoma Road
Fife, Washington

Gentlemen:

This letter presents the results of our subsurface exploration and soil quality evaluation conducted for the above referenced project. This work was performed as additional work based on the results of our "Subsurface Exploration and Geotechnical Engineering Report" for the above referenced project dated 2 December 1987. The scope of work for this additional study was limited to four test borings on the site and submittal of selected samples for hydrocarbon testing. Verbal authorization to proceed with this study was granted by Mr. Greg Pace on 30 December 1987.

PROJECT BACKGROUND

A soils and foundation study entitled "Subsurface Exploration and Geotechnical Engineering Report" was performed by our firm for the above referenced project, dated 2 December 1987. Our field work consisted of advancing two backhoe test pits to 13.5 and 14.5 feet, and one test boring to 59 feet below the ground surface.

During the drilling of boring B-1, a petroleum product odor was noted at 5 to 10 feet below the ground surface. We informed Foodmaker, Inc. of our findings, and the samples obtained which exhibited odor were submitted at the request of Foodmaker, Inc. the next day for chemical testing.

The testing was performed by AmTest, Inc. of Redmond, Washington. The measured concentrations of m plus p xylene in sample S-4, and the measured concentrations of total oil and grease and petroleum hydrocarbon in sample S-5 were higher than Washington Department of Ecology suggested minimums. However, it should be noted that these samples were obtained using standard geotechnical drilling procedures, and were not collected in accordance with our standard soil quality evaluation methods. Specifically, the augers were not steam cleaned and our sampler was not decontaminated prior to its use.

In order to further evaluate the site, Foodmaker, Inc. requested us to drill borings at each of the four corners of the site, and submit representative samples for chemical analysis.

SUBSURFACE EXPLORATION

Four borings (designated B-1A, B-2, B-3 and B-4) were drilled on 5 January 1988 by a local exploration drilling company under subcontract to our firm. The borings consisted of advancing 4-inch inside diameter, hollow-stem auger with a truck-mounted drill rig. During the drilling process, samples were obtained at generally 2.5 foot depth intervals. The borings were continuously observed and logged by an engineering geologist from our firm.

Soil samples delivered to the analytical laboratory were collected at the following locations:

Boring Number	Sample Number	Depth (Feet)
B-1A	S-2	5.0 - 6.5
B-1A	S-4	10.0 - 11.5
B-1A	S-7	17.5 - 19.0
B-2	S-1	2.5 - 4.0
B-2	S-4	10.0 - 11.5
B-2	S-6	15.0 - 16.5
B-3	S-2	5.0 - 6.5
B-3	S-3	7.5 - 9.0
B-3	S-6	17.5 - 19.0
B-4	S-1	2.5 - 4.0
B-4	S-3	10.0 - 11.5
B-4	S-5	17.5 - 19.0

No petroleum odor was noted in any of the samples from the four most recent borings. The samples collected from above 5 feet consisted of fill soils, while the remainder of the samples represented native sands and silts. The results of the laboratory tests are attached as Tables 1 and 2. The samples identified as B-1 on Tables 1 and 2 correspond to RZA boring B-1A.

The soil samples at each interval were recovered using procedures designed to minimize the risk of cross contamination. Prior to mobilizing to the site, the drilling equipment and sampling tools were steam cleaned. Between each sampling attempt, the sampling tools were scrubbed with a stiff brush and a detergent solution consisting of alconox and warm water, and then rinsed with potable water and liberal quantities of deionized water. The samples were classified in the field and immediately transferred to laboratory treated glass jars and tightly sealed with a foil-lined threaded cap. The samples were kept on ice with approximately 4°C throughout the field program. Selected samples were subsequently transferred to the chemical testing laboratory in accordance with RZA's chain-of-custody procedures. The remaining samples were transported to our laboratory for further visual classification. Samples are generally saved for a period of 30 days unless special arrangements are made.

As requested in a 16 November 1987 letter from Mr. Charles Watson of Foodmaker, Inc., soil samples are to be tested to verify that they are "clean" in accordance with the Federal Safe Drinking Water Standard where there is no local standard. As we have discussed with you in the past, Washington Department of Ecology has not established an "official" standard for testing methods or acceptable levels at this time. Based on our discussions with local testing laboratories, the most extensive testing of soil samples for petroleum product commonly performed consists of measurement of BTEX, total petroleum hydrocarbon, total oil and grease, and total lead. As discussed, this is the level of testing we have performed for this study. These laboratory analyses were subcontracted to AmTest, Inc. in Redmond, Washington.

The samples were analyzed for total oil and grease concentrations, petroleum hydrocarbon oil and grease concentration, volatile aromatic hydrocarbons (benzene, toluene, ethyl-benzene and xylene), and total lead. The total oil and grease values include the animal, vegetable, and petroleum oil and grease contained in the sample. The petroleum hydrocarbon oil and grease value is that amount of the total and grease that is petroleum based. The volatile aromatic hydrocarbons (benzene, toluene, ethyl-benzene and xylene) are the more mobile and toxic

constituents of petroleum products. Measurement of total lead is made to determine if lead concentrations are above typical background levels for soils in the Pacific Northwest. It should be noted that lead content is expressed as total lead content including organo-lead (presumably derived from leaded fuel) and inorganic lead. We contacted Ms. Gail Culver of WDOE recently regarding the significance of these total lead results. She indicated the background levels vary depending on the soil type, however, total lead values of less than about 100 ppm would generally not be of concern. According to WDOE, it is not actually the total lead concentration that is of concern, but instead the leachable extractable portion of the lead (which is measured by EP toxicity testing). The total lead data may be useful for screening purposes where gross contamination exists. Total solids data presented has no significance with respect to soil quality, but must be computed in order to measure total lead. The results of the BTEX tests are reported in micrograms per kilogram (ug/kg), which is equivalent to parts per billion (ppb). Results for the other tests were reported in micrograms per gram (ug/g), which is equivalent to parts per million (ppm).

TEST RESULTS

The results of the laboratory testing are attached as Tables 1 and 2 at the end of this letter. The measured concentrations are below WDOE suggested minimums. Based upon recent discussions with Ms. Lynn Cashion of WDOE, concentrations of BTEX less than 666 ppb, or oil and grease plus petroleum less than 200 ppm would not be high enough to recommend remediation.

We trust this letter is sufficient for your current needs. If you have any questions, or we can be of further assistance, please call.

Respectfully submitted,

RITTENHOUSE-ZEMAN AND ASSOCIATES

James S. Dransfield, P.E.
Senior Project Engineer

Kurt W. Groesch,P.E.
Associate

Attachments: Figure 1 - Site and Exploration Plan
Appendix A - Laboratory Test Results

cc: Foodmaker, Inc. Attn: Mr. Jack Bosch

Foodmaker, Inc. Attn: Mr. Lee Simon

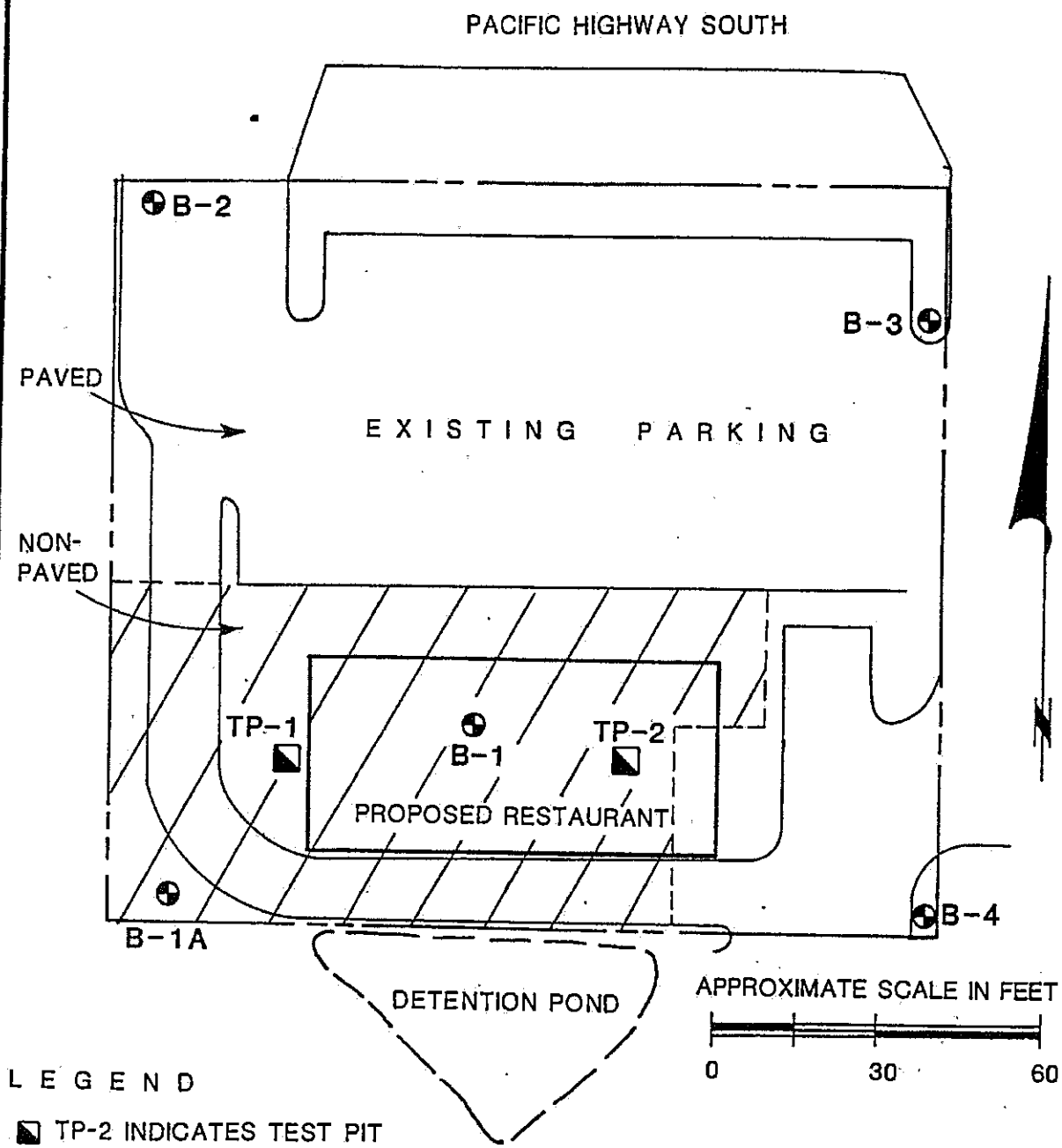

FIFE JACK-IN-THE-BOX

SITE & EXPLORATION PLAN
FIGURE 1

W.O. W-5435
BY JSD
DATE NOV 1987
SCALE NOTED

RITTENHOUSE-ZEMAN & & ASSOCIATES, INC.
Geotechnical & Hydrogeological Consultants
1400 140th Avenue N.E.
Bellevue, WA 98005

Base map from Schematic Site Plan provided by client

RZA

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-1A W.O. 5435-1

PROJECT NAME Fife - Jack-In-The Box

SOIL DESCRIPTION	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Ground Surface Elevation Approximately Feet	0			
Medium dense to very dense, moist, brown, gravelly fine to coarse SAND with some silt (FILL)	5	●		
Soft to stiff, wet to saturated, gray/brown, fine sandy SILT with some organics, interbedded silty fine SAND	10	●		ATD
Medium dense, wet, gray/black, silty fine SAND	15			
Total depth 19 feet Completed 5 January 1988	20	●		
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

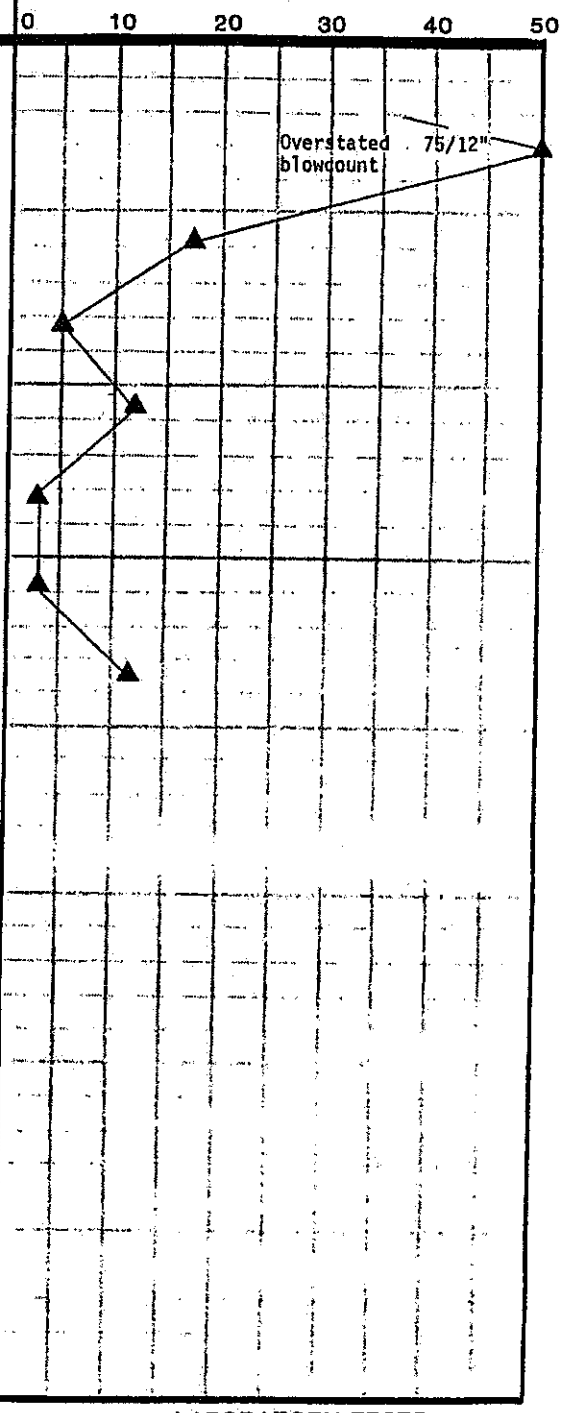

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-2 W.O. 5435-1

PROJECT NAME Fife - Jack-In-The-Box

SOIL DESCRIPTION	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Ground Surface Elevation Approximately Feet				
Asphalt	0			
Medium dense, moist, brown, gravelly, fine to coarse SAND with some silt (FILL)		●	I	
Loose, moist to wet, brown/gray, silty fine SAND with some medium to coarse sand, trace gravel	5		I	
Soft, wet, brown/gray, fine sandy SILT with some medium sand, trace organics	10	●	I	ATD
Medium dense, moist, gray, silty fine SAND with trace organics	15	●	I	
Total depth 19 feet Completed 5 January 1988	20			
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

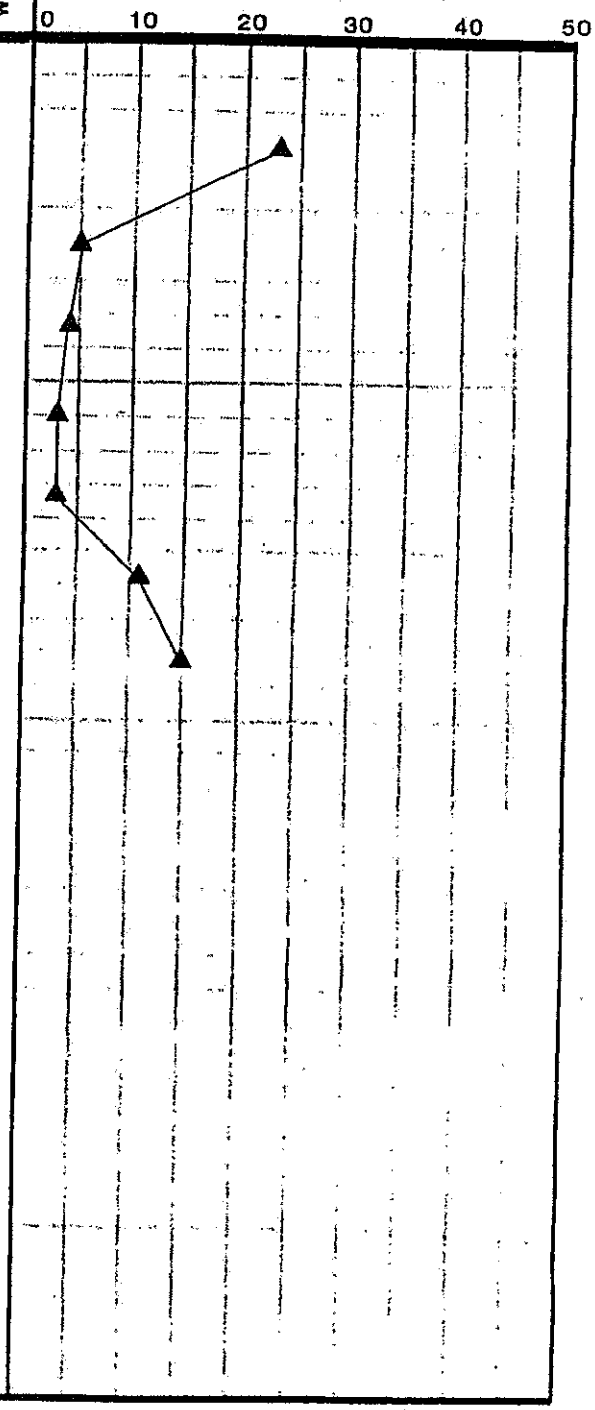

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-3 W.O. 5435-1
PROJECT NAME Fife - Jack-In-The-Box

SOIL DESCRIPTION (Ground Surface Elevation Approximately Feet)	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Loose, moist, brown, fine to coarse SAND with some gravel, trace silt (FILL)	0			
	5	●		
Soft, wet to saturated, gray, fine sandy SILT with trace organics		●		ATD
	10			
Medium dense, wet, gray, silty fine SAND				
	15			
Dense, wet, gray/black, fine to medium SAND with some silt		●		
Total depth 19 feet Completed 5 January 1988	20			
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

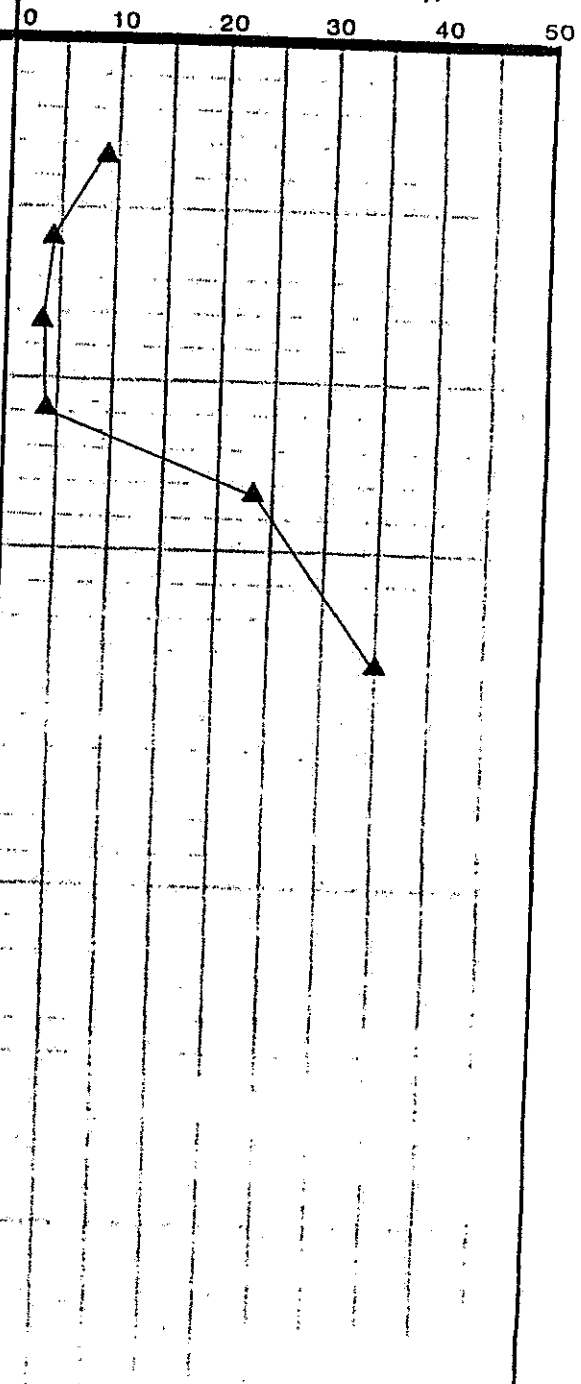

SAMPLING
- 2" OD SPLIT SPOON SAMPLE
- 3" OD SHELBY SAMPLE
- 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-4 W.O. 5435-1
PROJECT NAME Fife - Jack-In-The-Box

SOIL DESCRIPTION Ground Surface Elevation Approximately Feet	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Medium dense, moist, brown/gray, gravelly fine to coarse SAND with some silt (FILL)	0			
Soft to stiff, moist to wet, brown/gray, fine sandy SILT with some medium sand, trace organics	5	●	I	
	10	●	I	ATD
Medium dense, wet, gray/black, silty fine SAND	15		I	
Dense to very dense, wet, gray/black, fine to medium SAND with trace silt, gravel		●	I	
Total depth 19 feet Completed 5 January 1988	20			
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

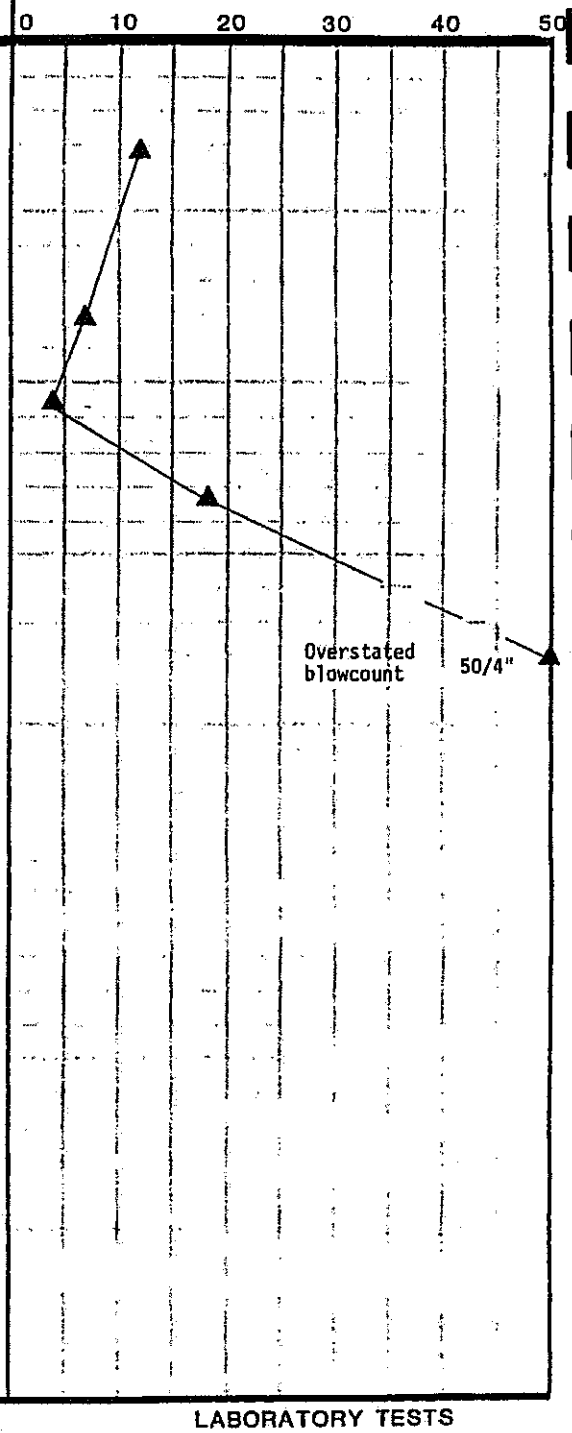

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

am test inc.
14603 N.E. 87th St. • REDMOND, WASHINGTON 98052 • 206/885-1664

Table 1

ANALYSIS REPORT

CLIENT: Rittenhouse - Zeman & Associates

DATE RECEIVED: 1/6/88

REPORT TO: Jim Dransfield
1400 - 140th Avenue NE
Bellevue, WA 98005

DATE REPORTED: 1/11/88

PROJECT NO.: 5435

Laboratory Sample Numbers	Client Identification	Total Oil & Grease (ug/g)	Petroleum Hydrocarbons (ug/g)	Total Solids (%)	Total Lead* (ug/g)
718248	B-1, S-2	<5.0	<5.0	88.2	0.079
718249	B-1, S-4	36.5	<5.0	69.9	0.097
718250	B-1, S-7	11.5	<5.0	72.7	0.083
718251	B-2, S-1	<5.0 <5.0]	<5.0	93.9	0.083
718252	B-2, S-4	180.	94.0	65.0	0.082
718253	B-2, S-6	<5.0	<5.0	77.1	0.052
718254	B-3, S-2	36.5	27.5	85.8 86.6]	0.308
718255	B-3, S-3	117.	18.0	68.1	0.079
718256	B-3, S-6	<5.0	<5.0	80.5	0.032
718257	B-4, S-1	50.0	10.0	75.2	0.070
718258	B-4, S-3	<5.0	<5.0	68.1	0.085 0.060]
718259	B-4, S-5	<5.0	<5.0	80.9 80.2]	0.023

*Results expressed on a dry weight basis.

Continued . . . .

Table 2

CLIENT: Rittenhouse - Zeman & Associates

REPORT TO: Jim Dransfield

DATE RECEIVED: 1/6/88
DATE REPORTED: 1/11/88
PROJECT NO.: 5435

BTEX BY EPA METHOD 8020

Laboratory Sample Nos.	Client Identification	Benzene	Toluene	m+p-Xylene	o-Xylene	Ethyl Benzene
718248	B-1, S-2	ND	ND	ND	ND	ND
718249	B-1, S-4	ND	ND	ND	ND	ND
718250	B-1, S-7	ND	ND	ND	ND	ND
718251	B-2, S-1	ND	ND	ND	ND	ND
718252	B-2, S-4	16.5	14.1	ND	ND	ND
718253	B-2, S-6	ND	ND	ND	ND	ND
718254	B-3, S-2	ND	ND	ND	ND	ND
718255	B-3, S-3	11.6	14.4	ND	ND	ND
718256	B-3, S-6	ND	ND	ND	ND	ND
718257	B-4, S-1	ND	ND	11.1	ND	ND
718258	B-4, S-3	ND	ND	ND	ND	ND
718259	B-4, S-5	ND	ND	ND	ND	ND
718259 Spike Recovery (%)		94.	103.	110.	110.	109.
DETECTION LIMIT		5.	5.	10.	5.	5.

All results are in ug/kg.
ND = Not Detected.

JTD/pb

REPORTED BY John T. Dailey
John T. Dailey

CLIENT: Rittenhouse - Zeman & Associates, Inc.

REPORT TO: Jim Dransfield

DATE RECEIVED: 11/6/87

DATE REPORTED: 11/23/87

JOB NO.: W 5435

OIL & GREASE/PETROLEUM HYDROCARBONS

Laboratory Sample Nos.	Client Identification	Total Oil & Grease (ug/g)	Petroleum Hydrocarbons (ug/g)
715234	B1, S-3	77.0	25.0
715235	B1, S-4	87.0	70.0
715236	B1, S-5	222.	210.

KP/pb

REPORTED BY Kenneth Pang

SECTION 5

REMEDIAL EXCAVATION REPORT

SITE REMEDIAL EXCAVATION REPORT

Performed at:
FIFE RV CENTER
3410 Pacific Highway East
Fife, Washington 98424

AEROTECH
Environmental Consulting Inc.

November 1, 2016

Anchorage Seattle Portland

Cost-effective environmental solutions
for the western United States and Alaska

www.AerotechEnvironmental.com

SITE REMEDIAL EXCAVATION REPORT

Performed at:
FIFE RV CENTER
3410 Pacific Highway East
Fife, Washington 98424

November 1, 2016

Performed by:
Aerotech Environmental Consulting, Inc.
13925 Interurban Avenue South, Suite No.210
Seattle, Washington 98168
Fax (206) 429-3594
(866) 800-4030
www.AerotechEnvironmental.com

REMEDIAL EXCAVATION REPORT

performed for:
MR. CHRIS LaVERDIERE
3410 Pacific Highway East
Fife, Washington 98424

Clients:	**MR. CHRIS LaVERDIERE** 3410 Pacific Highway East Fife, Washington 98424
Point of Contact:	Mr. Chris LaVerdiere Representative of Ownership Group
Property:	**FIFE RV CENTER** 3910 Pacific Highway East Fife, Washington 98424
County:	Pierce County, Washington Parcel Number: 0320111067
Commercial Activity:	RV Retail
Project Number:	216-4013
Report Date:	November 1, 2016
Washington Certified Site Assessor:	Nicholas Gerkin (No. ICC00249119)
Licensed Geologist:	James G. McDermott (No. 3063)

EXECUTIVE SUMMARY

The subject Property of this Site Remedial Excavation is comprised of one irregularly-shaped 3.76-acre Parcel, located on the south side of Pacific Highway East in Fife, Washington. One building, occupied by *Fife RV Center*, is situated on the southeastern corner of the Property. It is an approximately 10,763 square foot, 2-story structure with the main entrance to the north. An approximately 1,000 square foot, 1-story structure is situated northeast of the main building along the eastern Property boundary. Asphalt parking areas surround the structure on all sides and are utilized for the storage and display of the RV inventory. On the west side of the Property lies an approximately 0.77 acre vacant gravel parking lot, occasionally used to store RV inventory.

Surrounding areas include a drainage ditch to the south followed by Interstate 5. The neighboring Parcel to the east includes approximately 5.24 acres which is leased by Fife RV Center for use as additional storage. Formerly included with this Parcel prior to subdivision in 2004, situated to th north along Pacific Highway East, is a *Travelodge*. This Parcel is listed on Washington State Department of Ecology ("Ecology") Voluntary Cleanup Program List as Site No. SW0601 and is known as *Homotel*. It has been confirmed to contain petroleum products and metals at concentrations above the State Cleanup Levels in soil and in groundwater.

Pacific Highway East, followed by an *Econolodge*, are adjoining the subject Property to the north. Formerly included within the same Parcel as the subject Property is a Tahoma Express Gas Station and a Jack in the Box adjoin to the west (north of excavation area) followed by the Port of Tacoma Road. The Tahoma Express Gas Station was listed on Ecology's Site Cleanup List as Site No. 5015. The Ecology Database lists the site as formerly having petroleum hydrocarbons at concentrations above the State Cleanup Levels in soil and groundwater. The site received a No Further Action determination from Ecology in 1993.

Based on historical research, from the mid 1960's until the late 1980's a *Gasamet* gas station occupied this portion of the Property with the pump islands situated along the northern Property boundary and partially onto the current Jack in the Box Property. The Underground Storage Tank ("UST") Basins were located to the east and west of the pump islands with the station building situated along the southwestern Property boundary. A wooded water retention area, known as a Bio-Swale, is located on the northwest corner of the Parcel. A qualitative record of test pit activities conducted in 2000 indicated strong petroleum odor in soil in the upper four feet of excavated soil in this area (Documentation included in Supplemental Documents section of Appendix).A drainage ditch is located off-Property to the southwest with Interstate 5 beyond.

In 2014, Associated Earth Sciences, Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Soil and groundwater samples collected from soil borings advanced in the current vacant gravel lot in the vicinity of the former Gasamet pump islands and UST Basin contained petroleum hydrocarbons at concentrations above the Model Toxic Control Act ("MTCA") Method A Cleanup Levels. Based on these results, Mr. Chris LaVerdiere requested Langseth Environmental ("Langseth") and Aerotech Environmental Consulting, Inc. ("Aerotech") to perform site remedial excavation and environmental consulting services to remove soil containing petroleum hydrocarbons at concentrations above the MTCA Method A Cleanup Levels at the areas identified in the *Supplemental Phase II Environmental Site Assessment* at the subject Property

Aerotech, along with Langseth, performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from historical environmental investigations and samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents of the excavation. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A Cleanup Levels at these locations. A saturated, wooded bio-swale is located on-Property to the northwest of the Site Remedial Excavation, a downward topographic slope leading to a water drainage ditch to the southwest limited soil removal in these directions. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST Basin . Groundwater levels within the excavations ranged from 5 feet in the Southwest to 10 feet in the Northeast.

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APPENDIX 17

SECTION I.
INTRODUCTION

At the request of Mr. Chris LaVerdiere, on behalf of Fife RV Center, Aerotech Environmental Consulting, Inc. ("Aerotech") has prepared this report presenting the results of remedial excavation activities conducted at the above-referenced site. The purpose of the excavation was to evaluate the extent of and remove soil containing residual petroleum hydrocarbon concentrations above the MCTA Method A Cleanup Levels from the Site. Based on the *Supplemental Phase II Environmental Site Assessment* conducted by Associated Earth Sciences, Inc. ("AESI")the primary area of concern was the northwestern portion of the Property, which was occupied by a gas station, known *as Gasamet*. The station operated from the mid-1960's until the late 1980's, at which time most of the station features were removed. Soil boring locations (EB-4, EB-5, EB-6, and EB-7) were used as starting points and visual and olfactory indicators were used in the field to estimate the extent of the presence of petroleum hydrocarbons. Final extents were then verified with laboratory analytical analysis of delineation samples taken from the surrounding sidewalls and bottom of the excavation at the conclusion of each day.

SECTION II.
SITE DESCRIPTION

Site Description:

The subject Property of this Site Remedial Excavation is comprised of one irregularly-shaped 3.76-acre Parcel, located on the south side of Pacific Highway East in Fife, Washington. One building, occupied by *Fife RV Center*, is situated on the southeastern corner of the Property. It is an approximately 10,763 square foot, 2-story structure with the main entrance to the north. An approximately 1,000 square foot, 1-story structure is situated northeast of the main building along the eastern Property boundary. Asphalt parking areas surround the structure on all sides and are utilized for the storage and showing of the RV inventory. On the west side of the Property lies an approximately 0.77 acre vacant gravel parking lot, occasionally used to store RV inventory.

The Property is situated between Blair Waterway (leading to Commencement Bay), which is approximately 4,000 feet to the north and the Puyallup River, which is located 3,000 feet to the southwest and flows to the northwest into Commencement Bay. Slopes in the vicinity of the Site descend to the southwest towards the Puyallup River. The elevation of the parcel north of Pacific Highway East (Econolodge) is approximately that of the subject Parcel, 11 feet above mean sea level ("MSL"), however, Pacific Highway East itself is approximately 4 feet above that. The topography slopes steadily in a southerly direction from Pacific highway East towards the subject Parcel until the local topographic low, 4 feet above MSL at the drainage area southwest of the Site.

Surrounding Area Description:

Surrounding areas include a drainage area to the south with Interstate 5 adjoining beyond. The neighboring Parcel to the east includes approximately 5.24 acres which is leased by Fife RV Center for use as additional storage. Formerly included with this Parcel before being subdivided in 2004, situated along Pacific Highway East to the north, is a *Travelodge*. This Parcel is listed on Washington State Department of Ecology ("Ecology") Voluntary Cleanup Program List as Site No. SW0601 and is known as *Homotel*. It has been confirmed to contain petroleum products and metals at concentrations above the State Cleanup Levels in soil and in groundwater.

Pacific Highway East, followed by an *Econolodge*, are adjoining the subject Property to the north. Formerly included within the same Parcel as the subject Property is a Tahoma Express Gas Station and a Jack in the Box adjoin to the west (north of excavation area) followed by the Port of Tacoma Road. The Tahoma Express Gas Station was listed on Ecology's Site Cleanup List as Site No. 5015. The Ecology Database lists the site as formerly having petroleum hydrocarbons at concentrations above the State Cleanup Levels in soil and groundwater. The site received a No Further Action determination from Ecology in 1993. A drainage area is located off-Property to the southwest with Interstate 5 beyond.

Site Development Description:

Based on historical research, from the mid 1960's until the late 1980's a *Gasamet* gas station occupied this portion of the Property with the pump islands situated along the northern Property boundary and partially onto the current Jack in the Box Property. The Underground Storage Tank ("UST") Basins were located to the east and west of the pump islands with the station building situated along the southwestern Property boundary. A wooded water retention area, known as a Bio-Swale, is located on the northwest corner of the Parcel. A qualitative record of test pit activities conducted in 2000 indicated strong petroleum odor in soil in the upper four feet of excavated soil in this area (Documentation from the City of Fife permit office is included in the Supplemental Documents section of Appendix).

Previously Identified Contaminants of Concern:

AESI performed a *Supplemental Phase II Environmental Site Assessment* on December 18 and 19, 2014 in the Areas of Concern identified in their *Phase I Environmental Site Assessment* dated October 29, 2013. Petroleum compounds were identified as Contaminants of Potential Concern. Total Petroleum Hydrocarbons as Gasoline ("TPHg") along with Benzene, Toluene, Ethylbenzene, and Total Xylenes were present at concentrations above the MTCA Method A Cleanup Levels in soil and groundwater.

Site Observations and Reported Conditions:

With the exception of the above referenced environmental concern, there were no additional Recognized Environmental Conditions or concerns identified as potential impacts to the Property resulting from AESI's *Phase I Environmental Site Assessment* or the *Supplemental Phase II Environmental Site Assessment*..

SECTION III.
GEOLOGY AND HYDROGEOLOGY

Geologic Conditions:

The precise Property location is N 47° 14' 34.44" / W 122° 22' 58.80" as determined by DeLorme mapping data. The Site is located in Universal Transverse Mercator Zone 11. The Site elevation is approximately 9 to 12 feet above mean sea level. As observed during the Site visit and confirmed on the USGS topographic map, the subject Property is relatively flat. As is commonly the case in low-lying areas near sea level, many roads and properties appear to be elevated several feet above the original grade. Evidence of the original grade may be seen in the decrease in elevation evident north of Pacific Highway East, north of the subject Property. A ditch is located a few tens

of feet south of the Property adjoining to the south. A second ditch is located east of the property adjoining to the east. The field west of the subject Property slopes markedly to the level of the ditch to the south. Pacific Avenue East is elevated approximately two feet above the Site.

The regional topography within the Commencement Bay tidal flats is that of the nearly planar surface generated by the placement of artificial fill material in the later decades of the nineteenth century and the early years of the twentieth century. Elevations on ridges over one mile to the south increase to more than 200 feet MSL, at the northernmost margins of the south Tacoma upland area.

During the course of the on-site Reconnaissance, particular attention was directed towards (i) pools of liquid; (ii) roads and paths that might be used for unauthorized entry; (iii) drains and sumps; (iv) stressed vegetation; (v) pits, ponds, or lagoons; (vi) surface or soil staining; (vii) ditches, catch basins, or dry wells; (viii) unidentified substance containers; (ix) location of manholes, sewer grates, sewer outfalls; and (x) other subterranean accesses. All roads, driveways, paths, and other vehicular access areas were identified and evaluated for suspected use as an avenue for transport or disposal of hazardous materials, regulated substances, or petroleum products. Railroad tracks and previous right-of-ways are also identified if present on the subject Property.

Potential wetland area indicators were considered during the on-site activities. These indicators include: (i) wetland characteristic soil types; (ii) areas that appear permanently wet during most of the year; (iii) the presence of wetlands-related submergent or emergent plants; and (iv) wetland indicative wildlife. Suspected wetlands were not observed on the Site.

As observed during the Site visit and confirmed on the USGS topographic map, the subject Property lies several hundred feet north of the base of a steep bluff, nearly 80 feet in height, on a relatively planar surface perhaps sloping regionally to the north or northeast. The Site lies near the southwest extremity of the Tacoma tidal flats; the tidal flats in this area were filled in the late nineteenth century, very likely with a variety of soils and debris, but tend to be somewhat dominated by sandy materials.

During the course of the on-site observations, particular attention was directed towards (i) pools of liquid; (ii) roads and paths that might be used for unauthorized entry; (iii) drains and sumps; (iv) stressed vegetation; (v) pits, ponds, or lagoons; (vi) surface or soil staining; (vii) ditches, catch basins, or dry wells; (viii) unidentified substance containers; (ix) location of manholes, sewer grates, sewer outfalls; and (x) other subterranean accesses. All roads, driveways, paths, and other vehicular access areas were identified and evaluated for suspected use as an avenue for transport or disposal of hazardous materials, regulated substances, or petroleum products. Railroad tracks and previous right-of-ways are also identified if present on the subject Property.

Potential wetland area indicators were considered during the on-site activities. These indicators include: (i) wetland characteristic soil types; (ii) areas that appear permanently wet during most of the year; (iii) the presence of wetlands-related submergent or emergent plants; and (iv) wetland indicative wildlife. Suspected wetlands were not observed on the Site.

Subsurface Soils, Regional and Local Geology:

The Puget Sound lies within a tectonic trough situated between the Olympic Mountains to the west, and the northern Cascade Mountains to the east. This trough is characterized by fault zones accommodating north-south compressional rotation, commonly resulting in predominant north-south and northwest-southeast oriented faults and fault zones. Elliott Bay lies north of the Seattle Fault Zone, while Tacoma's Commencement Bay lies south of the northernmost Tacoma Fault zone rupture. A major fault is mapped below the bluffs on which central Tacoma was developed, along the western margin of Commencement Bay. Commencement Bay and the Puyallup River Basin lie on the down dropped side of the fault. The Commencement Bay intertidal zone has been elevated by the emplacement of fill throughout the early20th century. The uppermost soils in the Puyallup River Valley are dominated by alluvial and fluvial sediments and to the southeast, occasionally

volcanic mud flows originating below the slopes of the Mount Rainier volcano. Deep borehole data indicate approximately 1,800 feet of unconsolidated glacial and interglacial sediments in the former tidal flats in the vicinity of the subject Property.

The subject Property and vicinity, south of the Blair Waterway, are mapped as Quaternary Alluvium. These soils are characterized as:

> "Gravel, sand, silt, and clay. Deposited chiefly by modern streams, but includes some swamp deposits. Includes marine deposits near the mouth of the Puyallup river .... thickness ranges from a few feet to as much as 600 feet. Yields small to moderate quantities of water to wells. Locally capable of large yields."

Ground-Water Occurrence and Stratigraphy of Unconsolidated Deposits, Central Pierce County, Washington, Water Supply Bulletin No. 22, State of Washington, Department of Water Resources, Kenneth L. Walters and Grant E. Kimmel, 1968

Geologic Map of the Poverty Bay 7.5' Quadrangle, King and Pierce Counties, Washington, US Geological Survey, D.B. Booth, H.H. Waldron, and K.G. Trost, 2004, Open File Report OF 77-9. Washington State Department of Natural Resources,

Geologic Map of the Tacoma North 7.5' Quadrangle, King and Pierce Counties, Washington, US Geological Survey, unpublished draft.

Geologic Map of the City of Tacoma, Pierce County Washington, Mackey Smith, 1977, and unpublished maps on topographic base by Timothy J Walsh, Washington State Department of Natural Resources, circa 1987.

Groundwater Hydrology of the Tacoma-Puyallup Area, Pierce Country, Washington, USGS Water Resources Investigation 99-4013, M.A. Jones, L.A. Orr, J.C. Ebbert, and S.S. Sumioka, 1999.

Unconsolidated sediments documented during excavation activities at the subject Property include: Gravel (FILL) at depths between the ground surface and a depth of 1 foot, and Poorly Graded Sand (FILL) between depths of 1 and 3 feet near the Northern Property Boundary, grading to depths between 1 and 5 feet near the Southern Property Boundary. Beneath the Sand FILL, Sandy Silt was uniformly present at the Site. The exception to this General Description was the Possible Former UST Basins, which Contained Poorly Graded Sand (FILL) to a depth of approximately 9 feet below ground surface. The Basins were encountered in the Northeast, Central, and West Excavation Areas.

A Washington Department of Transportation test boring advanced near the intersection of the Port of Tacoma Road and Interstate 5, documents the presence of gravel with sand and sand to a depth of 8 feet, underlain by at least 12 feet of silt or silt with sand. The shallow gravels may represent fill material placed atop natural fluvially and alluvially deposited silts and sandy silts. These fill materials may be expected underneath roadways and developed properties, and are often designed to elevate the surface above shallow groundwater and reduce susceptibility to flooding due to groundwater flooding during wet periods, and flooding due to heavy precipitation or breaches and overtopping of the levee system or the associated ditch systems.

Subsurface and Hydrological Characteristics - Groundwater Flow:

The principal aquifers in the Puget Sound Region occur in glacial drift, that along with finer grained interglacial sediments, underlie the basin lowland to depths often exceeding 1,000 feet. Sand and gravel units within the glacial drift form the principle aquifers. These aquifers receive ample recharge from the typically heavy precipitation characteristic of western Washington. The glacial drift in the Puget Sound region varies greatly in composition and water yielding capacity. Typically, wells in glacial drift that tap silt, clay, or till in the region at approximately 75 to 100 feet below ground surface may have yields of 100 gallons or more per minute. Deeper wells tapping thick, saturated layers of highly permeable gravel and coarse sand, typically at depths greater than 250 feet below ground surface, can yield more than 1,000 gallons per minute.

Static water levels north and east of the subject Property have been recorded between depths of three to six feet bgs. During the AESI Phase II, water levels were reported to range from three to seven feet bgs on the subject Property. Ditches in the vicinity are estimated to be as much as four to five feet deep. Groundwater flow direction has been documented at the property to the north as flowing to the south-southwest; to the west and southwest at the current *Travelodge* property, adjacent to the east; and at the former Texaco Station, adjacent to the northwest, as flowing to the west-southwest, or to the south or southwest. Topography is not always a reliable basis for predicting groundwater flow direction, and flow may vary considerably from site to site, according to local influences such as the presence of production or irrigation wells and variations in geologic material and the geometry of distinct geologic units.

A groundwater divide, north of which groundwater flow may be expected to flow toward Commencement Bay, is likely present perhaps as near as a few hundred feet to the north of the Site; this groundwater divide may migrate considerable. The straightened and levi-bound Lower Puyallup River channel is located approximately 3,000 feet south west of the subject Property. Groundwater in the vicinity of the Site, based upon water level data may flow predominantly in the direction of the Puyallup River channel, but may also flow to the west or northwest where the groundwater system is influence by elevated Puyallup River water levels during flood stage or the wet winter seasons.

Components of an extensive ditch system are visible south of the Site, along the northern and southern margins of Interstate 5, and north of Pacific Highway East. Portions of the ditch system to the north may discharge to Wapato Creek to the east. Ditches to the south may not be connected to the system to the north. When the water table is low, during dry summer months, water entering ditches may, in part, infiltrate toward the water table; when the water table is higher, during wet winter periods, groundwater may discharge to deeper drainage ditches.

Because tidal fluctuations approach 15 or more feet in the Tacoma area, complex fluctuations in ground water levels and flow direction may occur within some low lying areas near Commencement Bay. Tidal fluctuations may potentially influence groundwater flow at the subject Property, given its location approximately 3,000 feet from the Blair Waterway and approximately 3,000 feet northeast of the Puyallup River channel. Groundwater flow direction at low tide may potentially be diverted somewhat to the west or even northwest.

Jones, Orr and Ebbert depict the shallow alluvial aquifer of Commencement Bay as hydraulically connected to adjoining glacial aquifers above; in general groundwater is expected to flow from the bluffs above, toward Commencement Bay and the Puyallup River, with a significant flow component in the direction of river flow, toward Commencement Bay.

> "Aquifer Qc1 [Jones 1999] is generally a confined aquifer except where it is exposed at the surface, where it is unconfined, or not completely saturated beneath Qvt [Vashon Till]. It consists largely of sand and gravel deposits but does contain silt and clay within the sand

and gravel matrix. ... The altitude of the top of this aquifer ranges from 50 feet below sea level to 509 feet above sea level."

Groundwater Hydrology of the Tacoma-Puyallup Area, Pierce Country, Washington, USGS Water Resources Investigation 99-4013, M.A. Jones, L.A. Orr, J.C. Ebbert, and S.S. Sumioka, 1999.

Ground-Water Occurrence and Stratigraphy of Unconsolidated Deposits, Central Pierce County, Washington, Water Supply Bulletin No. 22, State of Washington, Department of Water Resources, Kenneth L. Walters and Grant E. Kimmel, 1968

Lower Duwamish Waterway, Phase I Remedial Investigation Report, Final, Lower Duwamish Waterway Group, and *Development of a Three-Dimensional, Numerical Groundwater Flow Model for the Duwamish River Basin*, Booth and Herman 1998.

Tidal Along-shore Groundwater Flow in a Coastal Aquifer, L. Li, D.A. Barry, F. Stagnitti, and J.Y. Parlange, Environmental Modeling and Assessment 4 (1999), pp 179-188.

The shallow gravel and sand fill is generally expected to readily transmit groundwater, and where present, groundwater contaminants, while the underlying silts and sandy silts are generally expected to impede both the vertical and horizontal flow of groundwater, and where present, groundwater contaminants. Where porous fill materials associated with utility trenches, such as those that may be present underneath Pacific Highway East, are present, these trenches may serve to intercept and divert shallow groundwater.

The presence of water during the *Site Remedial Excavation* varied greatly. Factors contributing to this variance included local rainfall, fill material thickness, and location on the Property. The source of much of the ground water onsite was from direct percolation of rainfall into the Gravel surface underlain by the Sand FILL on the Property. Additionally, surface runoff originating from the Jack in the Box Property to the Northwest, the Access Easement to the North, and the Tahoma Express Property to the northeast, flowed directly onto the subject Property. The lack of a curb on the north Property boundary coupled with poor grading as related to catch basins, allowed for surface runoff to free flow down an approximately 0.04 ft/ft grade onto the subject Property.

The Northeast Excavation, which was performed on a day with minimal precipitation, was to a total depth of 10 feet bgs. The north side revealed groundwater seepage above the Sandy SILT. In the northwestern corner, this was from a depth of approximately 3 feet, while in the northeastern corner, where FILL was present to a depth of 9 feet, groundwater seepage was recorded from depths ranging from 3 feet and 9 feet. The depth to groundwater in the bottom of the excavation at the end of the day was 10 feet bgs.

The Central Excavation, which was to a total depth of 10 feet bgs did not reveal groundwater seepage in the northern half. Only when excavating in the vicinity of the 12-inch storm sewer pipe trench, which contained gravel and cobbles, did groundwater flow into the open-hole. The water level was measured at 10 feet bgs before the Central Excavation was backfilled.

The West Excavation, which was performed in heavy precipitation, was also to a depth of 10 feet bgs. Severe sloughing of the saturated sidewalls was observed and the water level was measured to be 9 feet bgs. The Southwest Excavation, which was performed concurrently, was to be to a depth of at least 10 feet bgs, however, when the trench was exposed to the 12" storm sewer, groundwater flowed readily in to the open-hole. Groundwater was measured to be at a level of 5 feet bgs. The excavation was then abandoned. No water was encountered in the Southeast Excavation.

The lower Puyallup River levee system was constructed in the 1940s:

> "The Flood Control Act of June28, 1938 provided for the construction and maintenance of a channel conveyance project. The project provides for a channel with a capacity of 50,000 cfs between the East 11th Street bridge and the lower 2.2 miles at Commencement Bay, by straightening the channel, building levees, and making all necessary bridge changes. The East 11th Street bridge at the lower end of the project is 0.75 mile above the mouth of the Puyallup River. The project was completed in 1950."

During a period of record flooding in January 2009, Puyallup River flow peaked at 41,500 cfs; channel sedimentation during the last six decades is believed to have decreased the channel cross section and therefore capacity. The USACE estimates that, in the absence of flood control efforts imposed by the management of releases from the Mud Mountain Dam, "the peak flow in the Puyallup River at Puyallup would have exceeded 70,000 cfs" in January 2009.

> "The Puyallup River enters Commencement Bay in the City of Tacoma. The estuary historically covered an area approximately 5,800 acres in size. From 1877 to 1988, over 98 percent of the estuary was modified, leaving only 187 acres of mudflat, 90 acres of subtidal and intertidal vegetated shallows, and only 57 acres of the original tidal marsh. ... Additional alterations to the Commencement Bay contributed to the now degraded and filled delta region."

> "The lower Puyallup River levees are primarily constructed on fine-grained silt and clay, with deposits of clean sand to silty sand and gravelly sand. On a large scale, these soils are generally uniform .... the levees themselves are composed of a mixture of the existing native deposits with the embankments and nearby foundation soils containing cobbles, boulders, and wood pilings."

> "Sediment transport has been estimate to range from 440,000 to 1,400,000 tons annually, with the majority of these sediments characterized as fine sediments..."

Puyallup River Section 905(b) WRDA 86 Analysis, U.S. Army Corps of Engineers, Seattle District, March 18, 2009.

The City of Tacoma supplies potable water within the city limits. The City of Tacoma reports its water source as the upper eastern sections of the Green River watershed along the western flanks of the Cascade Mountains; the city also maintains groundwater production wells within the same area, in the vicinity of the Eagle Gorge Reservoir and the Howard Hanson Dam, some twenty miles east of the subject Property. A municipal well field, utilized during high demand periods, is located near Interstate 5 in south Tacoma, over three miles west of the subject Property.

SECTION IV.
FIELD WORK

Site Activities:

The *Site Remedial Excavation* activities were performed on October 3, 4, 5, 6, 7, 20, 21, and 24, 2016 under contract with Aerotech. The subsurface remedial excavation was performed by

equipment owned by and operated by Langseth. Dump trucks subcontracted by Langseth transported 1,685.24 tons of potentially contaminated soil to the Landfill and Recycling, Inc. ("LRI") Landfill located at 30919 Meridian Street East, Graham, Washington (see Weight Tickets in Appendix). All subsurface work was overseen by an experienced Certified Washington UST Site Assessor, Nicholas Gerkin. The laboratory analytical services were performed by a State of Washington Licensed Laboratory, Advanced Analytical Environmental Testing Laboratory, Inc. ("Advanced Analytical") in Redmond, Washington.

Notifications - "Public" Utilities:

Due to the age and nature of the Site, a "public" utilities notification was performed prior to the start of work. Aerotech Environmental Consulting, Inc.[1] performed the "public" utilities notification on September 28, 2016, and was issued Ticket Number 16314495 by the Utilities Underground Location Center.

According to the Utilities Underground Location Center the utilities, notification included:

ADTEL	INTEGRA TELECOM	(800)762-0592
CC7711	COMCAST CABLE	(800)762-0592
FIFE01	CITY OF FIFE	(253)922-9315
MCCHRD01	MCCHORD PIPELINE COMPANY	(253)383-1651
OLYPE01	BC/OLYMPIC PIPE LINE COMPANY	(425)981-2517
PUGE07	PUGET SOUND EVERGY ELECTRIC	(888)728-9343
PUGG07	PUGET SOUND ENERGY GAS	(888)728-9343
QLNWA24	CTLQL-CENTURYLINK	(800)778-9140
TACPWR01	TACOMA PWR & CLICK NETWORK	(253)502-8263

Notifications - Private Utilities Location:

Additionally, Aerotech Environmental Consulting, Inc engaged personnel of Mountain View Locating, LLC of Bonney Lake, Washington to locate on Site exterior utilities on September 30 and October 19, 2016, prior to the start of the on Site excavation activities. Mr. Dave Schaff was present representing Mountain View Locating, LLC. Mr. Nick Gerkin and Mr. Steve Fletcher, a Subsurface Utility Expert were present, representing Aerotech.

No unanticipated or unexpected situations were discovered or encountered during the "private" locating activities. Based upon pavement markings made by utility location technicians; the location of visible utility fixtures such as gas valves, electrical panels and manholes; the locations of patched pavement; and the presence of anomalies detected by induction methodologies, possible and probable locations of buried utilities were identified and marked, in order to safely guide the progress of the remedial excavation.

Ground Penetrating Radar Subsurface Investigation:

A Ground Penetrating Radar Study and magnetometer survey were performed in the Areas of Concern on September 30 and October 19, 2016 by Mr. Dave Schaff of Mountain View Locating, LLC, with special attention to planned borehole locations. Mr. Nick Gerkin representing Aerotech Environmental, was also present during the radar survey in order to guide the investigation and interpret results.

A Ground Penetrating Radar ("GPR") Study is a geophysical methodology which uses radar

[1] Aerotech Environmental Consulting, Inc., was previously issued a Contractor Identification Number by the non-profit Utilities Underground Location Center (www.callbeforeyoudig.com).

pulses to reflect off of subsurface structures and thus provide an image of the subsurface conditions and the possible presence of subsurface objects. The depth of GPR Survey is determined by the electrical conductivity of the ground and the survey equipment transmitting frequency, and is limited to eight to thirteen feet below ground surface. However, the presence of significant subsurface obstructions, concrete rebar, or surficial obstructions, may limit the depth of radar penetration, the accuracy or resolution of the radar data, and ultimately the ability to accurately interpret and identify possible buried objects, or natural subsurface interfaces.

Excavation Activities (Phase 1):

On October 3 and 4, 2016, Aerotech observed Langseth excavate an area, of approximately 1250 square feet to a depth of 10 feet bgs. The presence of an electrical conduit to the north, storm sewer conduit to the northeast, and the 6-inch water main to the southwest limited the Northeast Excavation in these directions. Conveyance system remnants including piping were discovered in the vicinity of the P5 locations at a depth of approximately 3 to 4 feet bgs. Samples were acquired at the P1 through P11 locations at depths ranging from 3 to 10 feet bgs. Groundwater level was measured to be at 10 feet bgs. 110 pounds of Regenesis Oxygen Release Compound Advanced ("ORC Advanced") was mixed in to the floor of the excavation using the excavator bucket. A 70-foot long by 10-foot wide Cool Guard HRL36 Liner was then installed on the north and northeast sidewalls of the excavation from ground surface to the total depth of 10 feet bgs. The excavation was then backfilled by Langseth.

On October 5 and 6, 2016, Aerotech observed Langseth excavate an area, of approximately 700 square feet to a depth of 10 feet bgs. The presence of an electrical conduit to the southwest and northwest and the 6-inch water main to the northeast limited the Central Excavation in these directions. The majority of conveyance system remnants including piping were discovered throughout the excavation at a depth of approximately 3 to 4 feet bgs. Samples were acquired at the P12 through P19 locations at depths ranging from 5 to 10 feet bgs. 110 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. A 30-foot long by 10-foot wide Cool Guard HRL36 Liner was then installed on the northwest sidewall of the excavation from ground surface to the total depth of 10 feet bgs. The excavation was then backfilled by Langseth.

Test Pit Activities:

On October 6, 2016, excavation activities were suspended to begin digging test pits. Samples were to be collected at various areas of the site to acsertain the extent of soil containing petroleum hydrocarbons at concentrations above the MTCA Method A Cleanup Levels. Aerotech observed Langseth excavate each test pit, each of which was approximately 10 feet long by 4 feet wide. After samples were collected, soil was replaced back in to each hole from which it originated.

Test pits were excavated during October 6 and October 7, 2016. Soil containing petroleum hydrocarbons at concentrations above the MTCA Method A Cleanup Levels in TP3, TP6, TP7, TP8, and TP9. The laboratory analytical results from test pit activities identified what was to become the West, Southwest, Southeast excavations along with the final southern half of the Central excavation.

Excavation Activities (Phase 2):

On October 20, 2016, in heavy precipitation, Aerotech observed Langseth excavate an area, of approximately 670 square feet to a depth of 10 feet bgs. The presence of a 12-inch storm sewer conduit to the south, electrical conduit to the east, and the bio-swale to the northwest limited the West Excavation in these directions. Samples were acquired at the P20 through P24 locations at depths ranging from 5 to 12 feet bgs. Extreme sloughing was observed from the eastern sidewall.

165 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. Groundwater was measured at 9 feet bgs. An area immediately to the south of approximately 170 square feet, the Southwest Excavation, was then excavated by Langseth. The exposure of the storm sewer trench to the north allowed water to readily flow into the open-hole which stabilized at 5 feet bgs. No additional samples were collected from this area. 22.5 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. The hole was abandoned due to the level of saturation. The excavation was then backfilled by Langseth.

On October 21, 2016, in heavy precipitation, Aerotech observed Langseth excavate an area, of approximately 600 square feet to a depth of 10 feet bgs. The presence of a 12-inch storm sewer conduit to the southeast, and the 6-inch water main to the northeast limited the extension of the Central Excavation in these directions. Samples were acquired at the P25 through P28 locations at depths ranging from 3 to 10 feet bgs. Extreme sloughing was observed from the eastern sidewall. 55 pounds ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. The excavation was then backfilled by Langseth.

On October 24, 2016, Aerotech observed Langseth excavate an area adjoining the Northeast Excavation from sample point P11 to sample points TP1 and TP2, of approximately 250 square feet to a depth of 10 feet bgs. The presence of the 6-inch water main to the southwest, electrical conduit to the southeast, and a storm sewer conduit to the northeast limited the extension of the Northeast Excavation in these directions. A sample were acquired at the P29 location at a depth of 3 feet bgs. No groundwater was encountered. The excavation was then backfilled by Langseth.

On October 24, 2016, Aerotech observed Langseth excavate an area, of approximately 650 square feet to a depth of 10 feet bgs. The presence of a 12-inch storm sewer conduit to the south and electrical conduit to the west limited the second extension of the Central Excavation in these directions. Samples were acquired at the P30 through P31 locations at depths ranging from 5 to 10 feet bgs. Extreme sloughing was observed from the western sidewall. 22.5 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. The excavation was then backfilled by Langseth.

On October 24, 2016, Aerotech observed Langseth excavate an area, of approximately 310 square feet to a depth of 5 feet bgs. The presence of an electrical conduit to the northwest limited the Southeast Excavation in this direction. Samples were acquired at the P32 through P34 locations at depths of 3 feet bgs. The excavation was then backfilled by Langseth.

Soil Sample Collection:

A total of 84 discrete soil samples were collected and preserved in accordance with EPA Method 5035A on October 3, 4, 5, 6, 7, 20, 21 and 24, 2016 from test pits and the sidewalls and the floor of the excavations. Sample collection depths ranged from 3 to 12 feet bgs. Visual or olfactory evidence of petroleum impacted soil was observed between depths of 3 and 10 feet bgs in the vicinity of the former pump islands and UST Basins.

A Trimble GeoXH 2008 series Global Positioning System unit was used to collect latitudinal and longitudinal coordinates for each sample location. Each sample location, along with reference points onsite were recorded onsite by John Sidor, an Aerotech Georaphic Information Systems Professional to within one meter accuracy.

Samples were placed in unpreserved 40cc glass vials and/or unpreserved four-ounce glass jars. Select samples were placed into methanol-preserved 40cc glass vials if they were to arrive at the laboratory after greater than 24 hours. Each sample was given a unique identifier number and placed in an iced cooler for sample preservation. A Chain of Custody recorded the collection and handling of every sample. The soil samples were then submitted to Advanced Analytical. Soil samples were analyzed for TPHg in accordance with Method NWTPH-Gx and benzene, toluene, ethylbenzene, and total xylenes in accordance with EPA Method 8021B. Select soil samples were

analyzed for lead in accordance with EPA Method 7010 and Chlorinated Volatile Organic Compounds in accordance with EPA Method 8260B. Select samples from Northeast, Central, and West Excavation areas were also analyzed for diesel ("TPHd") and motor oil ("TPHo") in accordance with NWTPH-Dx extended for further verification that the two constituents were not contaminants of concern. Laboratory analytical reports and Chain of Custody Records are provided in the Appendix. Cumulative soil sample laboratory analytical results can be found in Table 1.

Site Restoration:

Upon completion of each section of the remedial excavation, the open-holes were backfilled with pit run - 1 1/4" crushed rock, sand, and quarry spalls to allow for improved compaction. Each excavation area was subsequently compacted every three to four vertical feet by Langseth using a backhoe-mounted tamper. The crushed rock was also spread evenly across the parking lot to restore any disturbed areas from excavation-related work.

SECTION V.
CONCLUSION

Aerotech, along with Langseth, performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from the Phase II *Supplemental Phase II Environmental Site Assessment* were used to guide the initial stages of the excavation. Analytical results from samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A Cleanup Levels at these locations. TPHg, Benzene, Toluene, Ethylbenzene, and Xylenes remain Constituents of Concern at the Site. Chlorinated Volatile Organic Compounds, TPHd, and TPHo not detected above laboratory Minimum Reporting Limits. Lead was detected, but at concentrations well below the MCAT method A Cleanup Level for Soil. A saturated, wooded. Bio-Swale is located on-Property to the Northwest of the Site Remedial Excavation and limited soil removal in that direction. Southwest of the Property, the topography slopes downward into a water retaining drainage area, which also limited soil removal. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST basin. Groundwater was encountered on Site at levels ranging form 3 to 10 feet bgs.

STATEMENT OF THE WASHINGTON CERTIFIED UST SITE ASSESSOR

I have performed this Site Remedial Excavation in accordance with generally accepted environmental practices, procedures, and regulatory requirements, as of the date of this Report. I have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of this part. I have the specific qualifications based upon education, training, and experience necessary to plan and implement subsurface investigations.

Signature of the Washington Certified UST Site Assessor:

Signature – Nicholas Gerkin

STATEMENT OF THE LICENSED GEOLOGIST

As stipulated in the Regulatory Code of the State of Washington Title 18, Chapter 18.220, the undersigned is a licensed Geologist in the State of Washington, and has met the statutory requirements of RCW § 18.220.060 for such licensing including, but not limited to, educational requirements, work and field experience, examination proficiency, and acceptance by the State Licensing Board.

The undersigned Licensed Geologist has supervised the geological work performed as described in attached Report – a majority of said work being performed by employees of the firm which employs undersigned Licensed Geologist – as delineated in RCW Title 18, Chapter 18.220, Paragraph 190.

Signature of Licensed Washington Geologist:

State of Washington
3063
Licensed Geologist

Signature – James McDermott (License No. 3063)

James G. McDermott

APPENDIX

- **Table & Figures**
- **Photographs**
- **Weight Tickets**
- **Project Contract Documents**
- **Laboratory Analytical Results**
- **Laboratory Chains of Custody**
- **Supplemental Documents**

Table & Figures

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Excavation - October 31, 2016

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P1(10')	P1	10/03/16	10	9.0	<20	<50	0.096	<0.050	<0.050	<0.050	--
P2(5')	P2	10/03/16	5	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P3(10')	P3	10/03/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P4(5')	P4	10/03/16	5	8.5	<20	<50	<0.020	<0.050	0.10	<0.050	--
P5(5')	P5	10/03/16	5	**53**	<20	<50	**0.16**	0.071	0.84	0.15	7.8
P5(10')	P5	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P6(10')	P6	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P7(3')	P7	10/04/16	3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P8(10')	P8	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	
P9(5')	P9	10/04/16	5	**110**	<20	<50	**0.15**	<0.050	5.1	<0.050	5.2
P9(10')	P9	10/04/16	10	23	<20	<50	<0.020	<0.050	0.34	<0.050	--
P10(10')	P10	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P11(10')	P11	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P12(5')	P12	10/05/16	5	**100**	<20	<50	**0.42**	0.18	1.7	0.54	--
P12(10')	P12	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P13(5')	P13	10/05/16	5	6.7	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P13(10')	P13	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P14(5')	P14	10/05/16	5	**60**	<20	<50	**0.15**	0.17	0.096	0.16	--
P14(10')	P14	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P15(10')	P15	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P16(5')	P16	10/06/16	5	**1,100**	<20	<50	**0.72**	0.072	**7.5**	**32**	7.0
P16(10')	P16	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P17(5')	P17	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P17(10')	P17	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P18(5')	P18	10/06/16	5	**130**	--	--	**0.29**	<0.050	1.5	2.4	--
P18(10')	P18	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P19(5')	P19	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P19(10')	P19	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP1(5')	TP1	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP2(5')	TP2	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP2(10')	TP2	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP3(3')	TP3	10/06/16	3	**2,500**	--	--	**0.34**	0.35	**15**	**10**	--
TP3(5')	TP3	10/06/16	5	**650**	--	--	**0.53**	5.3	**7.5**	**7.3**	--
TP3(10')	TP3	10/06/16	10	27	--	--	<0.020	<0.050	0.18	0.25	--
TP4(3')	TP4	10/06/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP4(5')	TP4	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP4(10')	TP4	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP5(5')	TP5	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP5(10')	TP5	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP6(5')	TP6	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP6(10')	TP6	10/06/16	10	12	--	--	**0.071**	<0.050	<0.050	<0.050	--
TP7(5')	TP7	10/06/16	5	**690**	<20	<50	**0.90**	1.9	**32**	0.33	--
TP8(3')	TP8	10/06/16	3	**60**	--	--	<0.020	<0.050	1.2	<0.050	--
TP8(5')	TP8	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP9(5')*	TP9	10/06/16	5	**6,090**	<20	<50	**4.0**	4.0	**66**	**130**	--
TP9(10')*	TP9	10/06/16	10	**240**	--	--	**0.59**	1.5	1.6	3.7	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Excavation - DRAFT (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP11(5')	TP11	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP12(5')	TP12	10/06/16	5	18	--	--	<0.020	<0.050	<0.050	0.082	--
TP13(5')	TP13	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP14(5')	TP14	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP14(10')	TP14	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP15(5')	TP15	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP15(10')	TP15	10/07/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP16(3')	TP16	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP16(5')	TP16	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP17(3')	TP17	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP17(5')	TP17	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP18(3')	TP18	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP19(3')	TP19	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP19(5')	TP19	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P20(5')	P20	10/20/16	5	**57**	--	--	**0.065**	0.101	0.15	0.16	--
P20(10')	P20	10/20/16	10	20	--	--	**0.24**	<0.050	0.09	0.084	--
P21(5')	P21	10/20/16	5	**1,200**	--	--	**0.65**	0.59	**8.1**	**24**	--
P21(10')	P21	10/20/16	10	**66**	--	--	**0.11**	0.14	0.34	0.74	--
P22(5')	P22	10/20/16	5	**1,100**	--	--	**0.83**	1.9	**20**	**7.9**	--
P22(10')	P22	10/20/16	10	**34**	--	--	0.029	<0.050	0.43	0.19	--
P22(12')	P22	10/20/16	12	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P23(5')	P23	10/20/16	5	**760**	--	--	**0.46**	0.74	4.8	2.4	--
P23(10')	P23	10/20/16	10	16	--	--	<0.020	<0.050	0.22	0.10	--
P24(5')	P24	10/20/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P24(10')	P24	10/20/16	10	**50**	--	--	**0.26**	<0.050	1.5	0.86	--
P25(5')	P25	10/21/16	5	**5,200**	--	--	**4.6**	**25**	**35**	**230**	--
P25(10')	P25	10/21/16	10	**350**	--	--	**0.16**	3.4	1.6	**16**	--
P26(10')	P26	10/21/16	10	12	--	--	<0.020	<0.050	<0.050	0.41	--
P27(5')	P27	10/21/16	5	**58**	--	--	<0.020	<0.050	0.095	0.39	--
P28(5')	P28	10/21/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P28(10')	P28	10/21/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P29(3')	P29	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P30(5')	P30	10/24/16	5	**200**	--	--	**0.086**	0.19	0.28	0.40	--
P30(10')	P30	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P31(10')	P31	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P32(3')	P32	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P33(3')	P33	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P34(3')	P34	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	250

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface mg/kg = milligram of analyte per kilogram of soil
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Benzen , Toluene, Ethylbenzene, Xylenes by EPA Method 8021E
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
Lead by EPA Method 7010
ND = Not Detected (minimum detection limit unknown)
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for soil
* = Soil from which this sample originated was removed during the Remedial Excavation

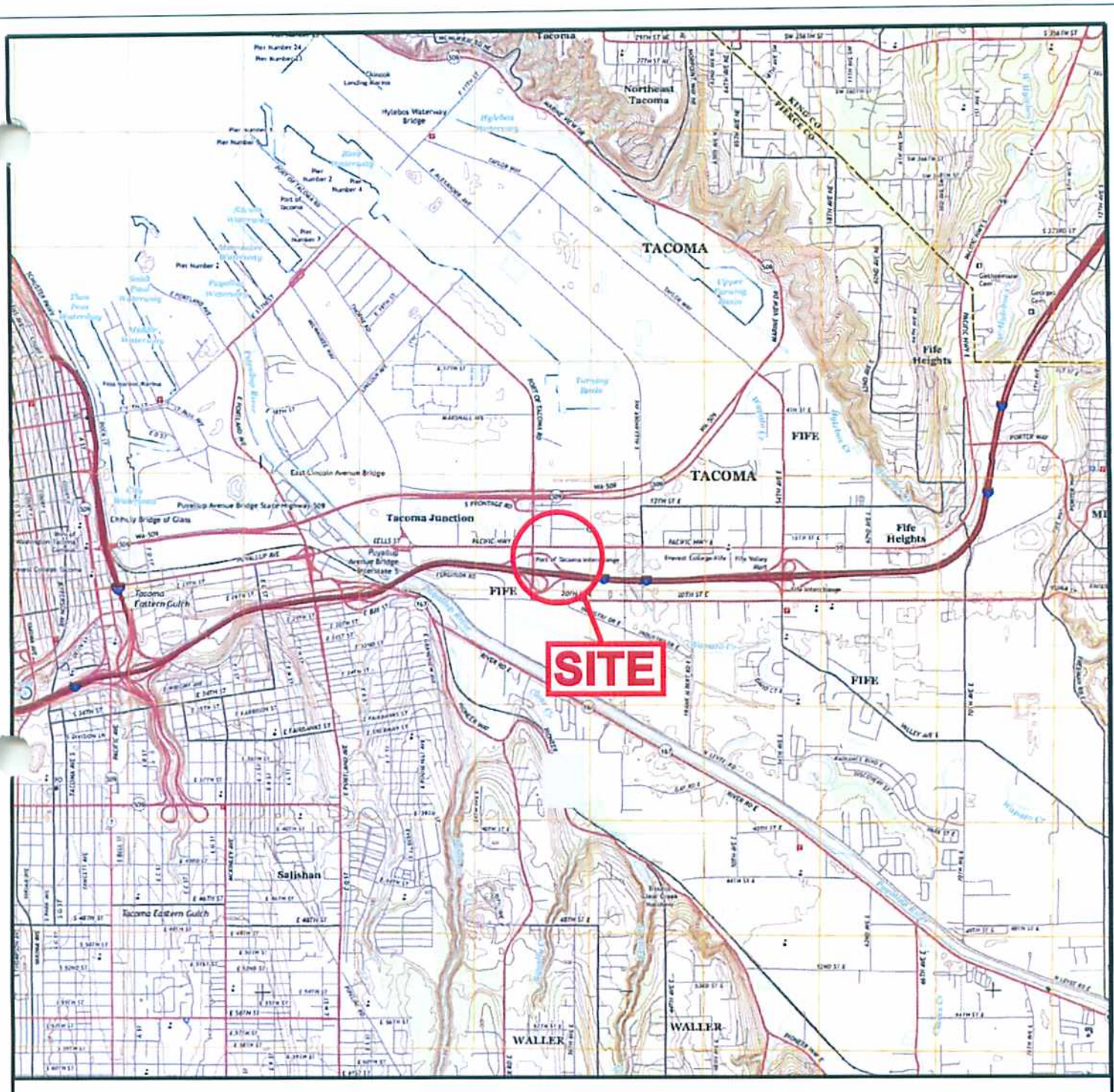

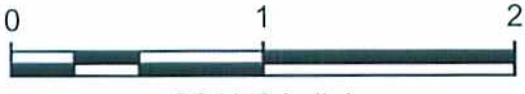

SCALE (mile)

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

AEROTECH
ENVIRONMENTAL CONSULTING

USGS TOPOGRAPHIC MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/30/16
By: Nick Gerkin
Figure: 1

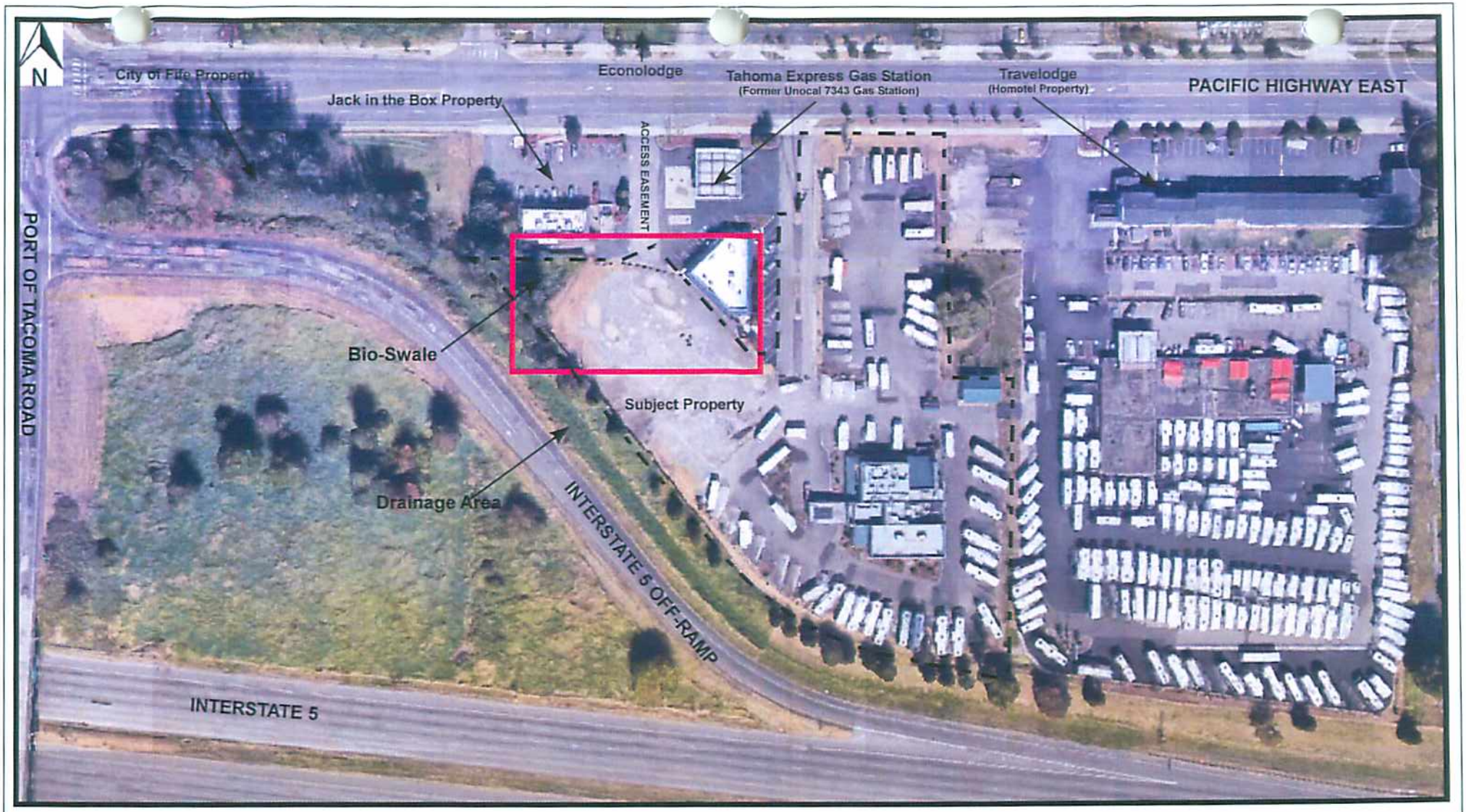

EXPLANATION

Extents of Site Remedial Excavation Figures

Property Boundary

AEROTECH ENVIRONMENTAL CONSULTING

SITE VICINITY MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

0 150 300
SCALE (feet)

Date: 10/30/16
By: Nick Gerkin
Figure: 2

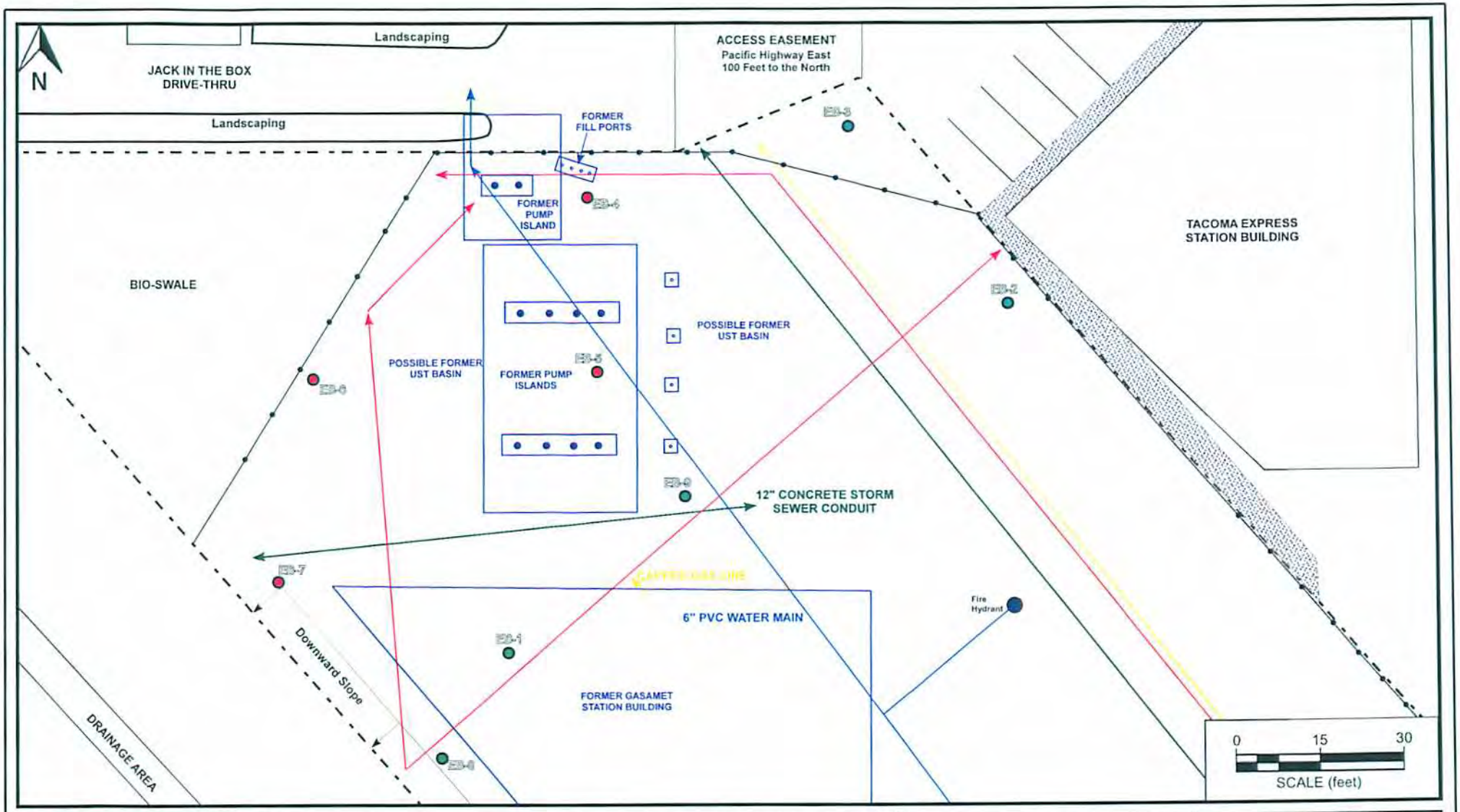

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

- Former Gasamet Gas Station Features
- EB-9 — 2014 AESI Phase II Soil Boring Location
- Property Boundary
- Excavation Boundary
- Fencing
- Storm Sewer
- Electrical Utility
- Gas Utility
- Water Utility

GENERALIZED SITE PLAN

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/31/16

By: Nick Gerkin

Figure: 3

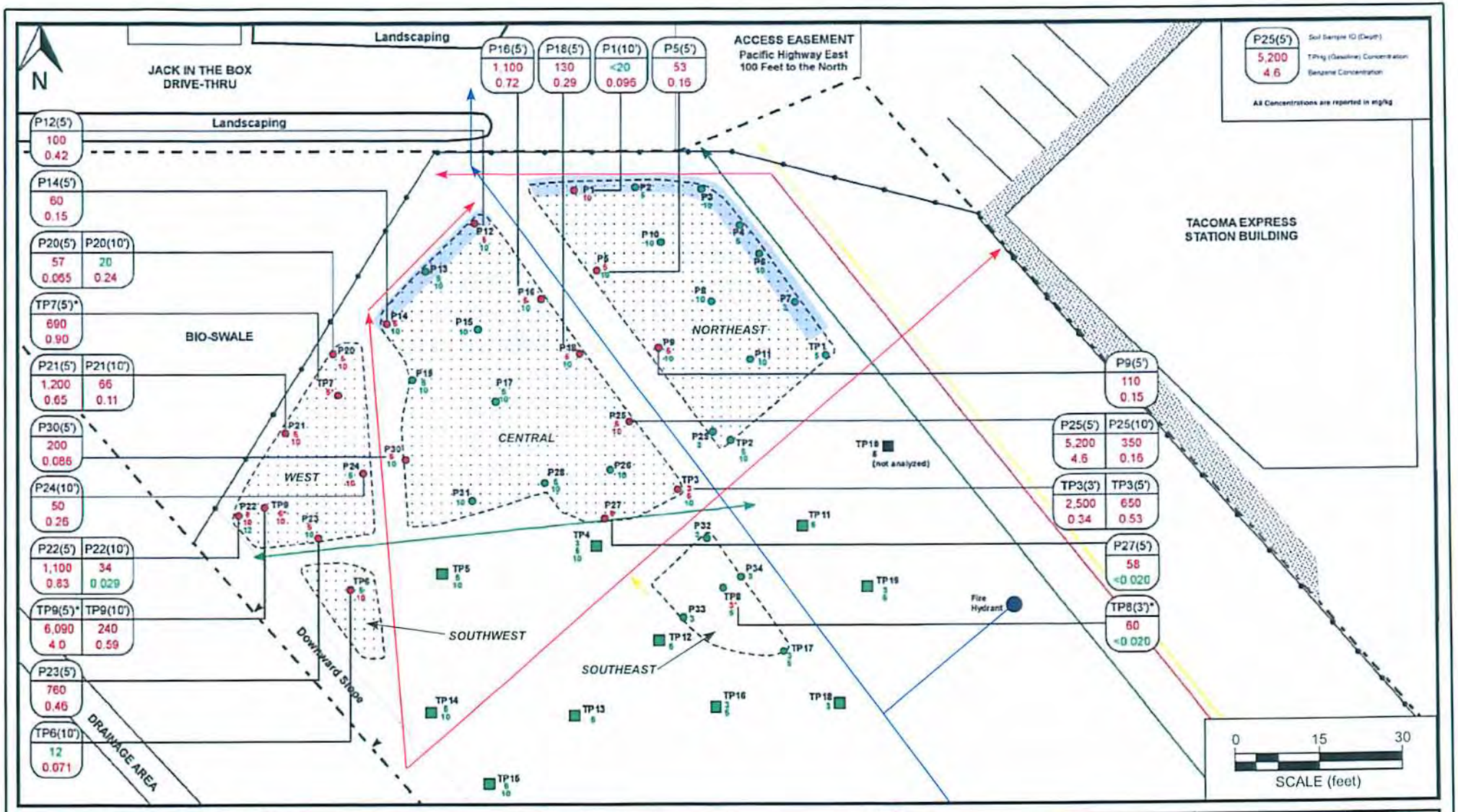

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH ENVIRONMENTAL CONSULTING

EXPLANATION

- P34 — Excavation Sampling Point
- 3 — Depth of Sample(in feet)
- * — Indicates that Soil from which this Sample was collected was subsequently removed
- TP19 — Test Pit Location
- Property Boundary
- Excavation Boundary
- Fencing
- ORC-Advanced Application Area
- Cool Guard HRL36 Liner Installed to 10-Foot Depth
- Storm Sewer
- Electrical Utility
- Gas Utility
- Water Utility

SITE REMEDIAL EXCAVATION SOIL ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/31/16
By: Nick Gerkin
Figure: 4

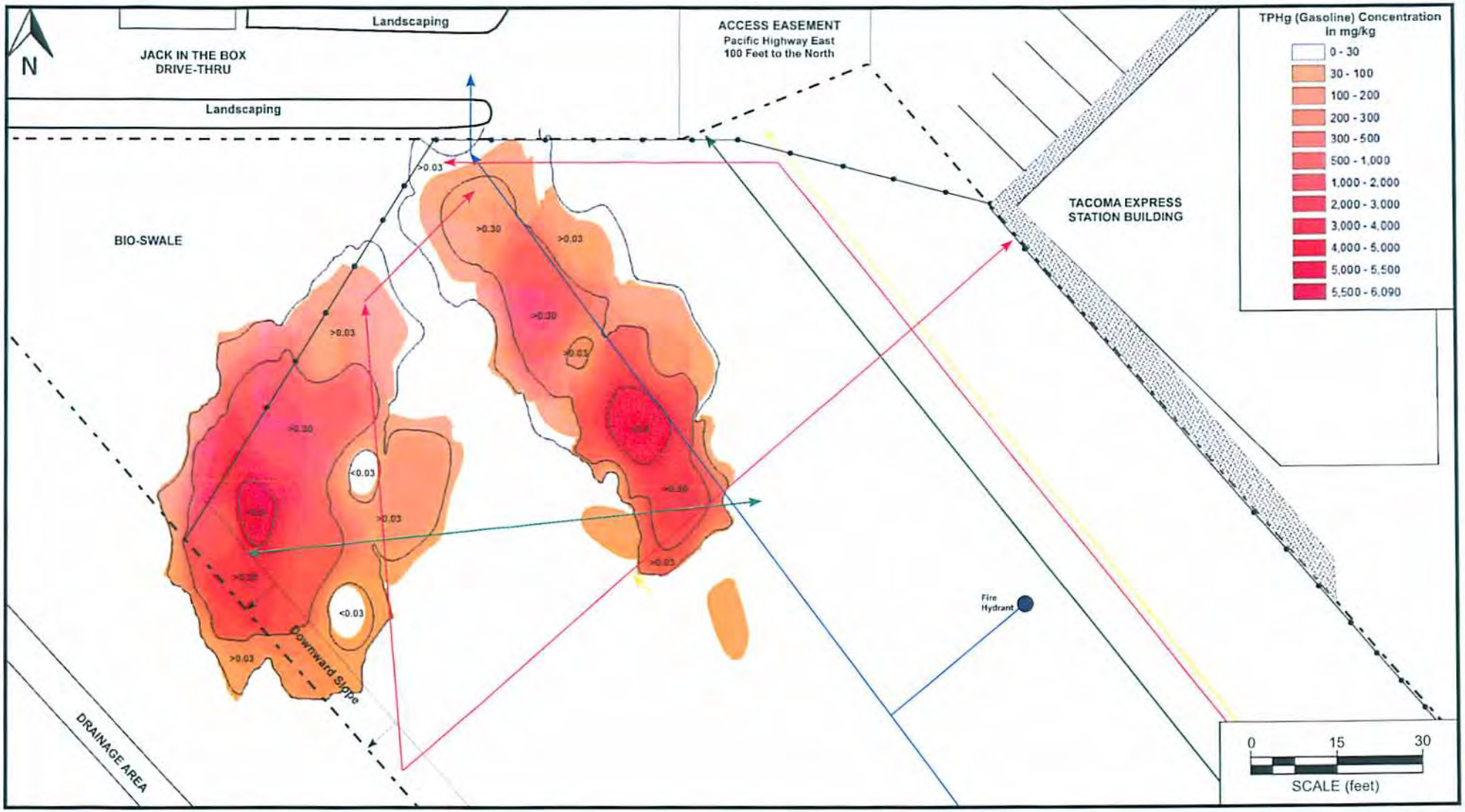

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

Benzene Isopleth		Storm Sewer	
	Property Boundary	Electrical Utility	
<0.30	Benzene Concentration (in mg/kg)	Excavation Boundary	Gas Utility
	Fencing	Water Utility	

TPHg & BENZENE CONCENTRATION ISOPLETH MAP - BEFORE EXCAVATION (3- TO 5-FOOT DEPTH)

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/01/16
By: Nick Gerkin
Figure: 5

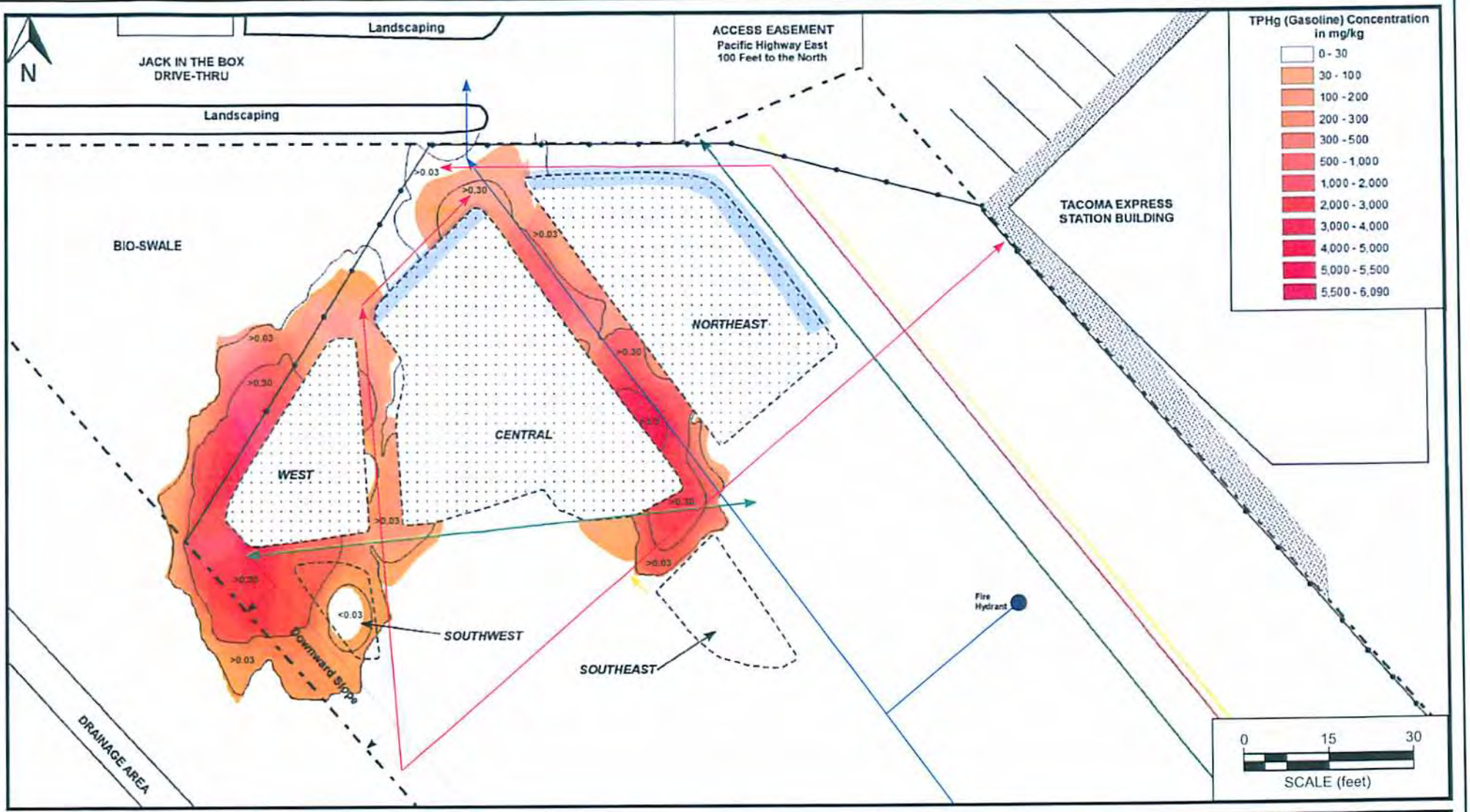

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

- Benzene Isopleth
- <0.30 Benzene Concentration (in mg/kg)
- Property Boundary
- Excavation Boundary
- Fencing
- ORC-Advanced Application Area
- Cool Guard HRL36 Liner Installed to 10-Foot Depth
- Storm Sewer
- Electrical Utility
- Gas Utility
- Water Utility

TPHg & BENZENE CONCENTRATION ISOPLETH MAP - POST EXCAVATION (3- TO 5-FOOT DEPTH)

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/01/16
By: Nick Gerkin
Figure: 6

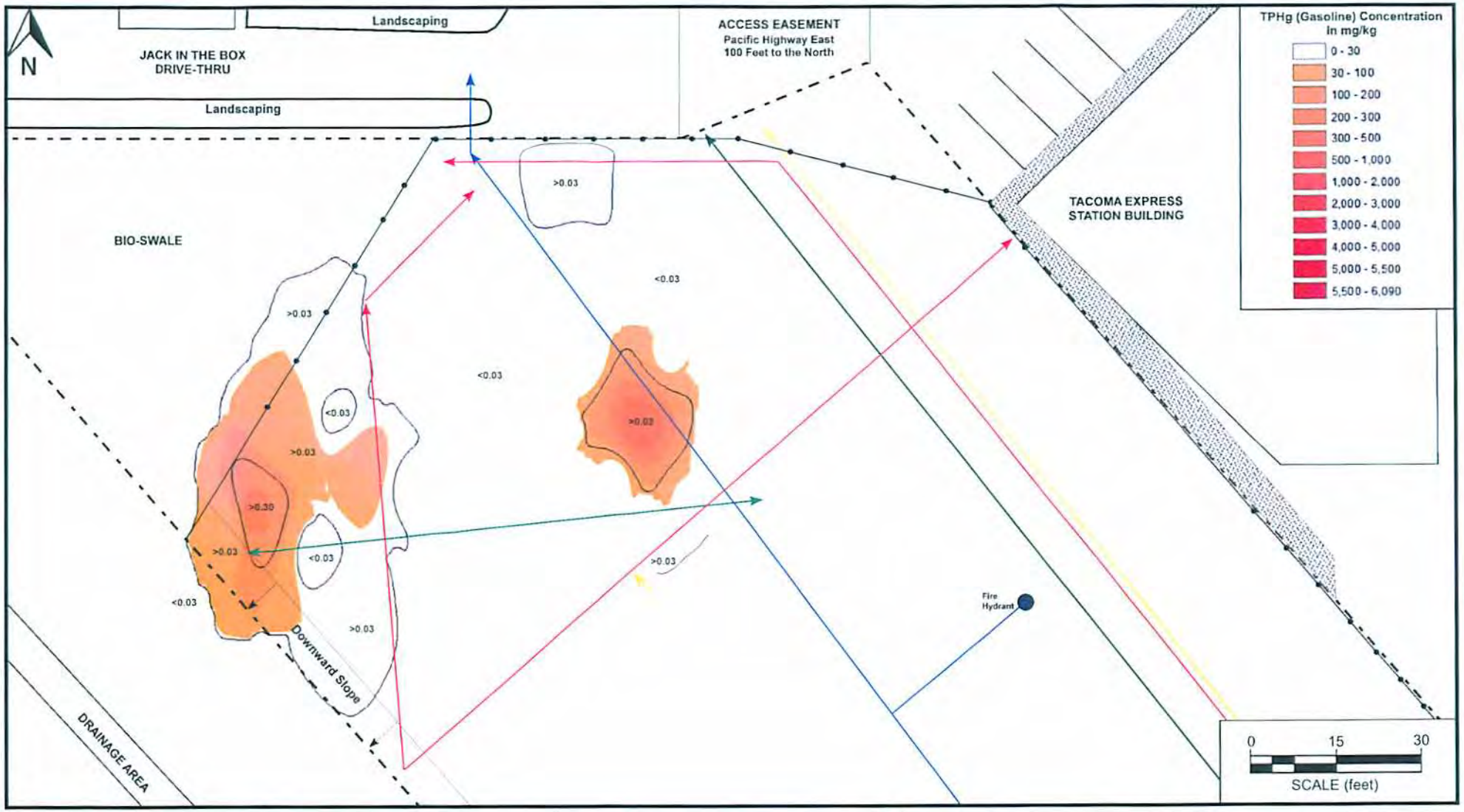

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

Benzene Isopleth	Property Boundary	Storm Sewer
<0.30 Benzene Concentration (in mg/kg)	Excavation Boundary	Electrical Utility
	Fencing	Gas Utility
		Water Utility

TPHg & BENZENE CONCENTRATION ISOPLETH MAP (10-FOOT DEPTH)

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/01/16
By: Nick Gerkin
Figure: 7

Photographs

The Beginning of the Remedial Excavation with CoolGuard Liner Prepared for Installation

North Property Boundary - Three Feet of SAND fill atop Sandy SILT

Regenesis ORC (Oxygen Release Compound) Advanced Pellets (Facilitates the Breakdown of Petroleum

View of the Saturated, Wooded Bio-Swale from the West

View of the Northeast Remedial Excavation

Northeast Excavation with Installed Cool Guard Liner and ORC Pellets

Central Excavation

Central Excavation with Installed CoolGuard Liner and ORC Pellets

Pump Island Remnants Removed from Central Excavation

Test Pitting Activities (Between Phases of the Excavation)

Storm Water Accumulation - Sourced from Jack in the Box and Tahoma Express Properties

West Excavation (with Exposed Power Utility)

Deep West Excavation and Shallow Southwest Excavation (Foreground)

Shallow Southeast Excavation

Application of ORC Pellets in Southern Portion of Central Excavation

Southern Edge of Central Excavation (with Exposed 12" Storm Sewer Pipe)

Water Accumulation in Southwestern Excavation (Appears to Flow from 12" Storm Sewer Trench)

Additional ORC Application in Central Excavation

- Weight Tickets

PCRCD, LLC DBA LRI-304TH ST
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Puyallup, WA 98375
(253) 847-7555

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AMOUNT DUE	AMOUNT PAID

LANGSETH ENVIRO SVCS, INC.

7517 PORTLAND AVENUE E
TACOMA WA 98404

ACCOUNT NO.

DATE	TICKET	VEHICLE	REFERENCE	DESCRIPTION	QUANTITY	AMOUNT
10/03/16	03-00432649		H15	SPECIAL WASTE-IN CO	36.67	
10/03/16	03-00432653		H16	SPECIAL WASTE-IN CO	30.35	
10/03/16	03-00432658		H24	SPECIAL WASTE-IN CO	30.31	
10/03/16	03-00432731		H15	SPECIAL WASTE-IN CO	33.27	
10/03/16	03-00432740		H24	SPECIAL WASTE-IN CO	33.10	
10/03/16	03-00432746		H16	SPECIAL WASTE-IN CO	36.07	
10/03/16	03-00432790		H15	SPECIAL WASTE-IN CO	33.57	
10/04/16	03-00432840		21	SPECIAL WASTE-IN CO	27.27	
10/04/16	03-00432850		28	SPECIAL WASTE-IN CO	27.09	
10/04/16	03-00432851		16	SPECIAL WASTE-IN CO	29.44	
10/04/16	03-00432853		13	SPECIAL WASTE-IN CO	27.63	
10/04/16	03-00432894		21	SPECIAL WASTE-IN CO	30.46	
10/04/16	03-00432901		16	SPECIAL WASTE-IN CO	32.89	
10/04/16	03-00432906		28	SPECIAL WASTE-IN CO	28.07	
10/04/16	03-00432915		13	SPECIAL WASTE-IN CO	34.31	
10/04/16	03-00432953		21	SPECIAL WASTE-IN CO	27.72	
10/05/16	04-00034099		16	SPECIAL WASTE-IN CO	33.61	
10/05/16	03-00433090			SPECIAL WASTE-IN CO	33.61	
10/05/16	03-00433113		32	SPECIAL WASTE-IN CO	28.70	
10/05/16	03-00433120		1	SPECIAL WASTE-IN CO	28.50	
10/05/16	03-00433130		16	SPECIAL WASTE-IN CO	32.27	
10/05/16	03-00433136		13	SPECIAL WASTE-IN CO	29.35	
10/05/16	03-00433166		24	SPECIAL WASTE-IN CO	23.95	
10/05/16	03-00433176		32	SPECIAL WASTE-IN CO	27.25	
10/05/16	03-00433181		1	SPECIAL WASTE-IN CO	27.75	
10/05/16	03-00433192		16	SPECIAL WASTE-IN CO	32.42	
10/06/16	03-00433209		HLW13	SPECIAL WASTE-IN CO	29.27	
10/06/16	03-00433216		HLW23 TIM	SPECIAL WASTE-IN CO	27.69	

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Printed 10/26/16

DATE	PAGE
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INVOICE NUMBER	

AMOUNT DUE	AMOUNT PAID

LANGSETH ENVIRO SVCS, INC.

7517 PORTLAND AVENUE E
TACOMA WA 98404

ACCOUNT NO.

DATE	TICKET	VEHICLE	REFERENCE	DESCRIPTION	QUANTITY	AMOUNT
10/06/16	03-00433242		HLW 14	SPECIAL WASTE-IN CO	24.67	
10/06/16	03-00433245		HLW 18	SPECIAL WASTE-IN CO	23.75	
10/06/16	03-00433249		HLW 28	SPECIAL WASTE-IN CO	26.85	927.86
10/07/16	03-00433529			Payment	1.00	
10/20/16	03-00435084		H18	SPECIAL WASTE-IN CO	30.08	
10/20/16	03-00435089		H24	SPECIAL WASTE-IN CO	33.36	
10/20/16	03-00435093		H16	SPECIAL WASTE-IN CO	31.55	
10/20/16	03-00435094		H14	SPECIAL WASTE-IN CO	27.11	
10/20/16	03-00435128		H18	SPECIAL WASTE-IN CO	23.95	
10/20/16	03-00435139		H24	SPECIAL WASTE-IN CO	27.83	
10/20/16	03-00435143		H16	SPECIAL WASTE-IN CO	30.17	
10/20/16	03-00435156		H14	SPECIAL WASTE-IN CO	24.66	
10/20/16	03-00435174		H18	SPECIAL WASTE-IN CO	26.80	
10/20/16	03-00435187		H24	SPECIAL WASTE-IN CO	29.43	
10/21/16	03-00435249		GAEL	SPECIAL WASTE-IN CO	29.79	
10/21/16	03-00435258		22	SPECIAL WASTE-IN CO	32.83	
10/21/16	03-00435266		21	SPECIAL WASTE-IN CO	24.83	
10/21/16	03-00435270		24	SPECIAL WASTE-IN CO	29.16	
10/21/16	03-00435301		GAEL	SPECIAL WASTE-IN CO	25.64	
10/21/16	03-00435310		22	SPECIAL WASTE-IN CO	28.68	
10/21/16	03-00435320		21	SPECIAL WASTE-IN CO	30.21	
10/21/16	03-00435327			SPECIAL WASTE-IN CO	27.99	
10/24/16	03-00435517		H22	SPECIAL WASTE-IN CO	29.03	
10/24/16	03-00435523		H28	SPECIAL WASTE-IN CO	21.79	
10/24/16	03-00435526		H16	SPECIAL WASTE-IN CO	30.78	
10/24/16	03-00435529		H14	SPECIAL WASTE-IN CO	25.40	
10/24/16	03-00435576		H16	SPECIAL WASTE-IN CO	33.95	
10/24/16	03-00435584		H28	SPECIAL WASTE-IN CO	26.85	
10/24/16	03-00435589		H14	SPECIAL WASTE-IN CO	22.74	
10/24/16	03-00435624		H16	SPECIAL WASTE-IN CO	32.60	

PCRCD, LLC DBA LRI-304TH ST
17925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

Printed 10/26/16

DATE	PAGE
10/26/16	3
INVOICE NUMBER	

AMOUNT DUE	AMOUNT PAID

LANGSETH ENVIRO SVCS, INC.

7517 PORTLAND AVENUE E
TACOMA WA 98404

ACCOUNT NO.

DATE	TICKET	VEHICLE	REFERENCE	DESCRIPTION	QUANTITY	AMOUNT
10/24/16	03-00435636		H28	SPECIAL WASTE-IN CO	20.17	
	Net weight	1685.24				757.38

PHASE 1 / PCS

927.86 TONS

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432653		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	09:54	10:10		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 102100 LB
Scale 2 Tare Wt. 41400 LB
Net Weight 60700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.35	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT

TENDERED

CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
[illegible]allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432740		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	13:20	13:33		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 107520 LB
Scale 2 Tare Wt. 41320 LB
Net Weight 66200 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.10	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432658		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	10:08	10:24		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 102100 LB
Scale 2 Tare Wt. 41480 LB
Net Weight 60620 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.31	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
[illegible]th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

[illegible]02-TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432746		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	13:41	13:53		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 113440 LB
Scale 2 Tare Wt. 41300 LB
Net Weight 72140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.07	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

** Duplicate Ticket **

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

1079
LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA, WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	432790		JOI

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	15:15	15:30		

REFERENCE	ORIGIN
H15	OTHER

Scale Gross Wt. 108380
Scale Tare Wt. 41240
Net Weight 67140

Charge Ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.57		SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

CHARGE
TENDER
CHANGE
CHECK #

PO # WDA 2050
NOTES HARLOW 15

SIGNATURE:

PCRCD, LLC dba LRI-304th
17925 Meridian St E
ıllup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432649		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	09:40	09:58		

REFERENCE	ORIGIN
H15	OTHER

Scale 1 Gross Wt. 114800 LB
Scale 2 Tare Wt. 41460 LB
Net Weight 73340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.67	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 15

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

'CRCD, LLC dba LRI-304th
7925 Meridian St E
'uyallup, WA 98375

ı01079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432731		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	12:58	13:10		

REFERENCE	ORIGIN
H15	OTHER

Scale 1 Gross Wt. 107880 LB
Scale 2 Tare Wt. 41340 LB
Net Weight 66540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
ı Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 15

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Lillup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432915		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	12:13	12:40		

REFERENCE	ORIGIN
13	OTHER

Scale 1 Gross Wt. 110200 LB
Scale 2 Tare Wt. 41580 LB
Net Weight 68620 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.31	TON	SPECIAL WASTE-IN CO				

NET AMOUNT

TENDERED

CHECK NO.

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432853		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	09:37	10:00		

REFERENCE	ORIGIN
13	OTHER

Scale 1 Gross Wt. 96920 LB
Scale 2 Tare Wt. 41660 LB
Net Weight 55260 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.63	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432953		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	13:41	14:01		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 97220 LB
Scale 2 Tare Wt. 41780 LB
Net Weight 55440 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.72	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
ıllup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432850		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	09:23	09:52		

REFERENCE	ORIGIN
28	OTHER

Scale 1 Gross Wt. 98160 LB
Scale 2 Tare Wt. 41980 LB
Net Weight 54180 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.09	TON	SPECIAL WASTE-IN CO				

NET AMOUNT

TENDERED

CHECK NO.

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 28

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

:RCD, LLC dba LRI-304th
925 Meridian St E
ıyallup, WA 98375

)1079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432906		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	11:43	11:58		

REFERENCE	ORIGIN
28	OTHER

Scale 1 Gross Wt. 97980 LB
Scale 2 Tare Wt. 41840 LB
Net Weight 56140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.07	TON	SPECIAL WASTE-IN CO				

NET AMOUNT

TENDERED

CHECK NO.

ɔ,ɔrating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 28

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432851		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	09:25	09:37		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 100500 LB
Scale 2 Tare Wt. 41620 LB
Net Weight 58880 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.44	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432901		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	11:29	11:37		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 107440 LB
Scale 2 Tare Wt. 41660 LB
Net Weight 65780 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.89	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
h Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
ıllup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432840		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	08:46	09:11		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 96460 LB
Scale 2 Tare Wt. 41920 LB
Net Weight 54540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

TO REORDER CONTACT NORTH STAR FORMS (877) 459-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432894		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	11:11	11:34		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 102720 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 60920 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.46	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433176		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	14:26	14:42		

REFERENCE	ORIGIN
32	OTHER

Scale 1 Gross Wt. 96300 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 54500 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.25	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 32

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433192		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	15:33	15:43		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 106680 LB
Scale 2 Tare Wt. 41840 LB
Net Weight 64840 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.42	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

102.TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

SITE	TICKET	GRID	WEIGHMASTER
03	00433181		Dana

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	14:47	15:06		

REFERENCE	ORIGIN
1	OTHER

PCRCD, LLC dba LRI-304th
17925 Meridian St E
llup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

Inbound - Charge ticket

Scale 1 Gross Wt. 97620 LB
Scale 2 Tare Wt. 42120 LB
Net Weight 55500 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.75	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 10

1

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

SITE	TICKET	GRID	WEIGHMASTER
03	00433166		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	14:13	14:25		

REFERENCE	ORIGIN
24	OTHER

RCD, LLC dba LRI-304th
25 Meridian St E
allup, WA 98375

079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

Inbound - Charge ticket

Scale 1 Gross Wt. 89780 LB
Scale 2 Tare Wt. 41880 LB
Net Weight 47900 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.95	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 24

NET AMOUNT
TENDERED
CHECK NO.

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433130		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:42	12:51		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 106280 LB
Scale 2 Tare Wt. 41740 LB
Net Weight 64540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433136		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:58	13:17		

REFERENCE	ORIGIN
13	OTHER

Scale 1 Gross Wt. 100560 LB
Scale 2 Tare Wt. 41860 LB
Net Weight 58700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.35	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433090		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	11:10	11:20		

REFERENCE	ORIGIN
	OTHER

Scale 1 Gross Wt. 108780 LB
Scale 2 Tare Wt. 41560 LB
Net Weight 67220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.61	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 469-0492 SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433120		Dana

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:17	12:33		

REFERENCE	ORIGIN
1	OTHER

Scale 1 Gross Wt. 99240 LB
Scale 2 Tare Wt. 42240 LB
Net Weight 57000 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.50	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050
NOTES HARLOW 1

202 TS TO REORDER CONTACT NORTH STAR FORMS (877) 469-0492 SIGNATURE _____

PCRCD, LLC dba LR 304th
17925 Meridian St E
allup, WA 98375

002171 TRUCK INSURANCE EXCHANGE
31051 AGOURA RD
WESTLAKE VILLAGE CA 91361

SITE	TICKET	GRID	WEIGHMASTER
03	00433042		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	09:14	09:24		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 109120 LB
Scale 2 Tare Wt. 41900 LB
Net Weight 67220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.61	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433113		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:04	12:19		

REFERENCE	ORIGIN
32	OTHER

Scale 1 Gross Wt. 99300 LB
Scale 2 Tare Wt. 41900 LB
Net Weight 57400 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.70	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 32

202 TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433249		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	09:20	09:40		

REFERENCE	ORIGIN
HLW 28	OTHER

Scale 1 Gross Wt. 95700 LB
Scale 2 Tare Wt. 42000 LB
Net Weight 53700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.85	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 28

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433242		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	09:02	09:11		

REFERENCE	ORIGIN
HLW 14	OTHER

Scale 1 Gross Wt. 92640 LB
Scale 2 Tare Wt. 43300 LB
Net Weight 49340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.67	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 14

202.T6 TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433245		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	09:10	09:24		

REFERENCE	ORIGIN
HLW 18	OTHER

Scale 1 Gross Wt. 88400 LB
Scale 2 Tare Wt. 40900 LB
Net Weight 47500 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.75	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433216		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	08:13	08:29		

REFERENCE	ORIGIN
HLW23 TIM	OTHER

Scale 1 Gross Wt. 96220 LB
Scale 2 Tare Wt. 40840 LB
Net Weight 55380 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.69	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 23

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433209		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	08:07	08:20		

REFERENCE	ORIGIN
HLW13	OTHER

Scale 1 Gross Wt.	100600	LB	Inbound - Charge ticket
Scale 2 Tare Wt.	42060	LB	
Net Weight	58540	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PHASE 2 / PCS

757.38 TONS

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435084		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	09:09	09:24		

REFERENCE	ORIGIN
H18	OTHER

Scale 1 Gross Wt. 101280 LB
Scale 2 Tare Wt. 41120 LB
Net Weight 60160 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.08	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435089		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	09:30	09:43		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 108520 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 66720 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.36	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435093		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	09:49	10:08		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 107700 LB
Scale 2 Tare Wt. 44600 LB
Net Weight 63100 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.55	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 459-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435094		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	10:08	10:09		

REFERENCE	ORIGIN
H14	OTHER

Scale 1 Gross Wt. 96960 LB
Scale 2 Tare Wt. 42740 LB
Net Weight 54220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.11	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 14

02.TS TO REORDER CONTACT NORTH STAR FORMS (877) 459-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435128		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	11:25	11:36		

REFERENCE	ORIGIN
H18	OTHER

Scale 1 Gross Wt. 90560 LB
Scale 2 Tare Wt. 42660 LB
Net Weight 47900 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.95	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492 SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435139		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	11:54	12:07		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 97540 LB
Scale 2 Tare Wt. 41880 LB
Net Weight 55660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.83	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 24

02.TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492 SIGNATURE

** Duplicate Ticket **

PCRCD, LLC dba LRI-304th
7925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

1079
LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA, WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	435156		JOI

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	12:50	12:59		

REFERENCE	ORIGIN
H14	OTHER

Scale Gross Wt. 92000
Scale Tare Wt. 42680
Net Weight 49320

Charge Ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.66		SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050A
NOTES HARLOW 14

SIGNATURE:

CHARGE
TENDER
CHANGE
CHECK #

** Duplicate Ticket **

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

1079
LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA, WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	435187		JOI

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	14:09	14:31		

REFERENCE	ORIGIN
H24	OTHER

Scale Gross Wt. 100380
Scale Tare Wt. 41520
Net Weight 58860

Charge Ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.43		SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050A
NOTES HARLOW 24

CHARGE
TENDER
CHANGE
CHECK #

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435143		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	12:21	12:32		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 105600 LB
Scale 2 Tare Wt. 45260 LB
Net Weight 60340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.17	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435174		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	13:38	13:53		

REFERENCE	ORIGIN
H18	OTHER

Scale 1 Gross Wt. 94760 LB
Scale 2 Tare Wt. 41160 LB
Net Weight 53600 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.80	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435249		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	09:04	09:13		

REFERENCE	ORIGIN
GAEL	OTHER

Scale 1 Gross Wt. 100620 LB
Scale 2 Tare Wt. 41040 LB
Net Weight 59580 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.79	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435301		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	11:06	11:15		

REFERENCE	ORIGIN
GAEL	OTHER

Scale 1 Gross Wt. 92180 LB
Scale 2 Tare Wt. 40900 LB
Net Weight 51280 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
25.64	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 107

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435310		Dana ✓

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	11:32	11:43		

REFERENCE	ORIGIN
22	OTHER

Scale 1 Gross Wt. 97540 LB
Scale 2 Tare Wt. 40180 LB
Net Weight 57360 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.68	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050
NOTES HARLOW 22

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435258		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	09:26	09:40		

REFERENCE	ORIGIN
22	OTHER

Scale 1 Gross Wt. 105920 LB
Scale 2 Tare Wt. 40260 LB
Net Weight 65660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.83	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARL;OW 22

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
llup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435266		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	09:45	10:06		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 91600 LB
Scale 2 Tare Wt. 41940 LB
Net Weight 49660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.83	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435320		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	12:05	12:33		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 102220 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 60420 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.21	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
n Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435270		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	10:00	10:13		

REFERENCE	ORIGIN
24	OTHER

Scale 1 Gross Wt. 99900 LB
Scale 2 Tare Wt. 41580 LB
Net Weight 58320 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.16	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435327		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	12:28	12:36		

REFERENCE	ORIGIN
	OTHER

Scale 1 Gross Wt. 97500 LB
Scale 2 Tare Wt. 41520 LB
Net Weight 55980 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.99	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 20

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17025 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435526		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	09:19	09:31		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 105380 LB
Scale 2 Tare Wt. 43820 LB
Net Weight 61560 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.78	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT

TENDERED

CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435523		Jo I

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	09:06	09:34		

REFERENCE	ORIGIN
H28	OTHER

Scale 1 Gross Wt. 85420 LB
Scale 2 Tare Wt. 41840 LB
Net Weight 43580 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.79	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 28

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435584		Jo I

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	11:39	12:03		

REFERENCE	ORIGIN
H28	OTHER

Scale 1 Gross Wt. 95440 LB
Scale 2 Tare Wt. 41740 LB
Net Weight 53700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.85	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 28

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435624		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	13:40	13:52		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 108800 LB
Scale 2 Tare Wt. 43600 LB
Net Weight 65200 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.60	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435576		Jo I ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	11:21	11:34		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 111660 LB
Scale 2 Tare Wt. 43760 LB
Net Weight 67900 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.95	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435529		Jo I ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	09:27	09:35		

REFERENCE	ORIGIN
H14	OTHER

Scale 1 Gross Wt. 93820 LB
Scale 2 Tare Wt. 43020 LB
Net Weight 50800 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
25.40	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 14

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435589		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	11:48	11:58		

REFERENCE	ORIGIN
H14	OTHER

Scale 1 Gross Wt. 88220 LB
Scale 2 Tare Wt. 42740 LB
Net Weight 45480 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.74	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 14

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435517		Jo I ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	08:48	09:06		

REFERENCE	ORIGIN
H22	OTHER

Scale 1 Gross Wt. 98440 LB
Scale 2 Tare Wt. 40380 LB
Net Weight 58060 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.03	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 22

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0402

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435636		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	13:55	14:17		

REFERENCE	ORIGIN
H28	OTHER

Scale 1 Gross Wt. 81960 LB
Scale 2 Tare Wt. 41620 LB
Net Weight 40340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.17	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 28

Project Contract Documents

ENVIRONMENTAL CONTRACTOR'S CERTIFICATION

Fife RV Center
3910 Pacific Highway East
Fife, Washington 98424

1. Contractor's Name: Aerotech Environmental Consulting, Inc.

2. Contractor's Address: 13925 Interurban Avenue South, Ste. 210, Seattle, Washington 98168

3. Name and title of person completing this certification: Alan T. Blotch / President

4. Answer the following questions about each employee that contractor will have perform the assessment or prepare the report showing the results of the inspection:

   a. Name and Title of Employee: Alan T. Blotch – Environmental Professional

   b. Length of experience doing environmental assessments: 31 years

   c. Education degrees received: Masters of Business Administration
   Juris Doctor – Environmental Law

   d. Relevant training received: ASTM E50 Environmental Assessment Committee Meetings

5. Identify any certifications and approvals issued to contractor pursuant to an official Federal, State of local program or policy to conduct environmental assessments: Registered Environmental Assessor
   Issued by State of California

6. Describe the generally recognized standards which the contractor will use to perform the assessment.
   Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM E 1903)

7. Disclose the nature of any previous environmental inspections contractor has ever performed for the Owner of the property: Phase I Environmental Site Assessment

8. Disclose the nature of any affiliation or association contractor now has, or ever had, with the above referenced seller of the property, of the above referenced buyer of the property: N/A

9. Describe the liability insurance carried by contractor to cover claims in the event that ir fails to discover adverse environmental conditions during an environmental inspection.
   Professional Errors & Omissions Coverage $1,000,000 / claim and $1,000,000 aggregate liability

THE UNDERSIGNED HEREBY CERTIFIES, UNDER PENALTY OF THE CRIMINAL AND/OR CIVIL PENALTIES IN 18 U.S.C. § 1001 FOR FALSE STATEMENTS TO THE UNITED STATES GOVERNMENT, THAT THE ABOVE INFORMATION IS TRUE AND CORRECT.

Signature

11-1-16
Date

Laboratory Analytical Results

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61004-1)* Project.

Samples were received on *October 04, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

This report is issued solely for the use of the person or company to whom it is addressed.
Any use, copying or disclosure other than by the intended recipient is unauthorized.

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61004-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/04/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61004-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/04/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	P5(5')	P9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
MTBE	100	nd		nd	nd			
Dichlorodifluoromethane	50	nd		nd	nd			
Chloromethane	50	nd		nd	nd			
Vinyl chloride	50	nd		nd	nd			
Bromomethane	50	nd		nd	nd			
Chloroethane	50	nd		nd	nd			
Trichlorofluoromethane	50	nd		nd	nd			
1,1-Dichloroethene	50	nd		nd	nd			
Methylene chloride	20	nd		nd	nd			
1,1-Dichloroethane	50	nd		nd	nd			
cis-1,2-Dichloroethene	50	nd		nd	nd			
Chloroform	50	nd		nd	nd			
1,1,1-Trichloroethane	50	nd		nd	nd			
Carbontetrachloride	50	nd		nd	nd			
1,1-Dichloropropene	50	nd		nd	nd			
1,2-Dichloroethane(EDC)	20	nd		nd	nd			
Trichloroethene	20	nd	75%	nd	nd	76%	80%	5%
1,2-Dichloropropane	50	nd		nd	nd			
Dibromomethane	50	nd		nd	nd			
Bromodichloromethane	50	nd		nd	nd			
cis-1,3-Dichloropropene	50	nd		nd	nd			
trans-1,3-Dichloropropene	50	nd		nd	nd			
1,1,2-Trichloroethane	50	nd		nd	nd			
Tetrachloroethene	50	nd		nd	nd			
1,3-Dichloropropane	50	nd		nd	nd			
Dibromochloromethane	20	nd		nd	nd			
1,2-Dibromoethane (EDB)*	5	nd		nd	nd			
Chlorobenzene	50	nd	96%	nd	nd	83%	84%	1%
1,1,1,2-Tetrachloroethane	50	nd		nd	nd			
1,2,3-Trichloropropane	50	nd		nd	nd			
1,1,2,2-Tetrachloroethane	50	nd		nd	nd			
2-Chlorotoluene	50	nd		nd	nd			
4-Chlorotoluene	50	nd		nd	nd			
1,3-Dichlorobenzene	50	nd		nd	nd			
1,4-Dichlorobenzene	50	nd		nd	nd			
1,2-Dichlorobenzene	50	nd		nd	nd			
1,2-Dibromo-3-Chloropropane	50	nd		nd	nd			
1,2,4-Trichlorobenzene	50	nd		nd	nd			
1,2,3-Trichlorobenzene	50	nd		nd	nd			

*-instrument detection limits

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61004-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/04/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	P5(5')	P9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16

Surrogate recoveries						
Dibromofluoromethane	97%	95%	98%	91%	109%	117%
1,2-Dichloroethane-d4	99%	89%	105%	104%	106%	129%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
M-matrix interference
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P1(10')	Dupl P1(10')	RPD P1(10')	P2(5')	P3(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd		nd	nd
Gasoline	5.0	nd		9.0	11	18%	nd	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	90%	96	78	21%	nd	nd
Toluene	50	nd	101%	nd	nd		nd	nd
Ethylbenzene	50	nd		nd	nd		nd	nd
Xylenes	50	nd		nd	nd		nd	nd
Surrogate recoveries:								
Trifluorotoluene		94%	129%	89%	84%		84%	83%
Bromofluorobenzene		76%	83%	79%	87%		81%	80%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Gx / BTEX		P4(5')	P5(5')	P5(10')	P6(10')	P7(3')	P9(5')	P9(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	8.5	53	nd	nd	nd	110	23
BTEX 8021B, µg/kg								
Benzene	20	nd	160	nd	nd	nd	150	nd
Toluene	50	nd	71	nd	nd	nd	nd	nd
Ethylbenzene	50	100	840	nd	nd	nd	5,100	340
Xylenes	50	nd	150	nd	nd	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		83%	94%	80%	88%	87%	103%	83%
Bromofluorobenzene		80%	83%	79%	83%	84%	82%	84%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Gx / BTEX		P10(10')	P11(10')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
NWTPH-Gx, mg/kg						
Mineral spirits/Stoddard	5.0	nd	nd			
Gasoline	5.0	nd	nd			
BTEX 8021B, µg/kg						
Benzene	20	nd	nd	84%	87%	4%
Toluene	50	nd	nd	91%	97%	6%
Ethylbenzene	50	nd	nd			
Xylenes	50	nd	nd			
Surrogate recoveries:						
Trifluorotoluene		81%	73%	128%	118%	
Bromofluorobenzene		83%	83%	84%	77%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	P1(10')	P2(5')	P3(10')	P4(5')	P5(5')	P5(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	119%	121%	120%	119%	121%	122%	120%
o-Terphenyl	113%	98%	97%	100%	95%	101%	100%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Dx, mg/kg		P6(10')	P7(3')	P9(5')	P9(10')	P10(10')	P11(10')	Dupl P11(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd	nd	nd
Surrogate recoveries:								
Fluorobiphenyl		123%	119%	124%	110%	127%	125%	120%
o-Terphenyl		101%	98%	98%	101%	103%	97%	95%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

Metals (7010), mg/kg		MTH BLK	LCS	P5(5')	P9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Lead (Pb)	1.0	nd	106%	7.8	5.2	113%	107%	5%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M- matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61005-1)* Project.

Samples were received on *October 05, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61005-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/05/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P8(10')	P12(5')	P12(10')	P13(5')	P13(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	100	nd	6.7	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	83%	nd	420	nd	nd	nd
Toluene	50	nd	90%	nd	180	nd	nd	nd
Ethylbenzene	50	nd		nd	1,700	nd	nd	nd
Xylenes	50	nd		nd	540	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		84%	111%	85%	117%	80%	88%	88%
Bromofluorobenzene		81%	79%	81%	94%	78%	86%	88%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results

NWTPH-Gx / BTEX		P14(5')	P14(10')	Dupl P14(10')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd			
Gasoline	5.0	60	nd	nd			
BTEX 8021B, µg/kg							
Benzene	20	150	nd	nd	85%	87%	3%
Toluene	50	170	nd	nd	92%	92%	1%
Ethylbenzene	50	96	nd	nd			
Xylenes	50	160	nd	nd			
Surrogate recoveries:							
Trifluorotoluene		99%	75%	75%	125%	125%	
Bromofluorobenzene		82%	73%	73%	85%	82%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	P8(10')	P12(5')	P12(10')	P13(5')	P13(10')	P14(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	119%	125%	121%	123%	126%	124%	129%
o-Terphenyl	113%	109%	100%	105%	106%	103%	107%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results			Dupl
NWTPH-Dx, mg/kg		P14(10')	P14(10')
Matrix	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd
Diesel/Fuel oil	20	nd	nd
Heavy oil	50	nd	nd

Surrogate recoveries:		
Fluorobiphenyl	124%	120%
o-Terphenyl	106%	98%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61006-3)* Project.

Samples were received on *October 06, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61006-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/06/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	TP3(3')	TP3(5')	TP9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
MTBE	100	nd		nd	nd	nd			
Dichlorodifluoromethane	50	nd		nd	nd	nd			
Chloromethane	50	nd		nd	nd	nd			
Vinyl chloride	50	nd		nd	nd	nd			
Bromomethane	50	nd		nd	nd	nd			
Chloroethane	50	nd		nd	nd	nd			
Trichlorofluoromethane	50	nd		nd	nd	nd			
1,1-Dichloroethene	50	nd		nd	nd	nd			
trans-1,2-Dichloroethene	50	nd		nd	nd	nd			
2,2-Dichloropropane	50	nd		nd	nd	nd			
cis-1,2-Dichloroethene	50	nd		nd	nd	nd			
Chloroform	50	nd		nd	nd	nd			
1,1,1-Trichloroethane	50	nd		nd	nd	nd			
Carbontetrachloride	50	nd		nd	nd	nd			
1,1-Dichloropropene	50	nd		nd	nd	nd			
1,2-Dichloroethane(EDC)	20	nd		nd	nd	nd			
Trichloroethene	20	nd	73%	nd	nd	nd	100%	78%	26%
1,2-Dichloropropane	50	nd		nd	nd	nd			
Dibromomethane	50	nd		nd	nd	nd			
Bromodichloromethane	50	nd		nd	nd	nd			
cis-1,3-Dichloropropene	50	nd		nd	nd	nd			
trans-1,3-Dichloropropene	50	nd		nd	nd	nd			
1,1,2-Trichloroethane	50	nd		nd	nd	nd			
Tetrachloroethene	50	nd		nd	nd	nd			
1,3-Dichloropropane	50	nd		nd	nd	nd			
Dibromochloromethane	20	nd		nd	nd	nd			
1,2-Dibromoethane (EDB)*	5	nd		nd	nd	nd			
Chlorobenzene	50	nd	96%	nd	nd	nd	117%	95%	21%
1,1,1,2-Tetrachloroethane	50	nd		nd	nd	nd			
1,2,3-Trichloropropane	50	nd		nd	nd	nd			
1,1,2,2-Tetrachloroethane	50	nd		nd	nd	nd			
2-Chlorotoluene	50	nd		nd	nd	nd			
4-Chlorotoluene	50	nd		nd	nd	nd			
1,3-Dichlorobenzene	50	nd		nd	nd	nd			
1,4-Dichlorobenzene	50	nd		nd	nd	nd			
1,2-Dichlorobenzene	50	nd		nd	nd	nd			
1,2-Dibromo-3-Chloropropane	50	nd		nd	nd	nd			
1,2,4-Trichlorobenzene	50	nd		nd	nd	nd			
1,2,3-Trichlorobenzene	50	nd		nd	nd	nd			

*-instrument detection limits

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61006-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/06/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	TP3(3')	TP3(5')	TP9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16

Surrogate recoveries							
Dibromofluoromethane	99%	103%	106%	110%	100%	108%	104%
1,2-Dichloroethane-d4	98%	96%	116%	117%	129%	117%	95%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
M-matrix interference
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	TP1(5')	TP2(5')	TP2(10')	TP3(3')	TP3(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	nd	nd	2,500	650
BTEX 8021B, µg/kg								
Benzene	20	nd	101%	nd	nd	nd	340	530
Toluene	50	nd	112%	nd	nd	nd	350	5,300
Ethylbenzene	50	nd		nd	nd	nd	15,000	7,500
Xylenes	50	nd		nd	nd	nd	10,000	7,300
Surrogate recoveries:								
Trifluorotoluene		101%	130%	79%	83%	80%	81%	123%
Bromofluorobenzene		86%	82%	85%	87%	91%	97%	89%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		TP3(10')	TP4(3')	TP4(5')	TP4(10')	TP5(5')	TP5(10')	TP6(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	27	nd	nd	nd	nd	nd	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	180	nd	nd	nd	nd	nd	nd
Xylenes	50	250	nd	nd	nd	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		77%	91%	84%	88%	86%	87%	80%
Bromofluorobenzene		81%	89%	84%	84%	93%	88%	87%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		TP6(10')	TP7(5')	TP8(3')	TP8(5')	TP9(5')	TP9(10')	P15(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	12	690	60	nd	6,090	240	nd
BTEX 8021B, µg/kg								
Benzene	20	71	900	nd	nd	4,000	590	nd
Toluene	50	nd	1,900	nd	nd	4,000	1,500	nd
Ethylbenzene	50	nd	32,000	1,200	nd	66,000	1,600	nd
Xylenes	50	nd	330	nd	nd	130,000	3,700	nd
Surrogate recoveries:								
Trifluorotoluene		80%	120%	86%	74%	M	108%	74%
Bromofluorobenzene		82%	102%	87%	81%	83%	86%	82%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		P16(5')	P16(10')	P17(5')	Dupl P17(5')	P17(10')	P18(5')	P18(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	1,100	nd	nd	nd	nd	130	nd
BTEX 8021B, µg/kg								
Benzene	20	720	nd	nd	nd	nd	290	nd
Toluene	50	72	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	7,500	nd	nd	nd	nd	1,500	nd
Xylenes	50	32,000	nd	nd	nd	nd	2,400	nd
Surrogate recoveries:								
Trifluorotoluene		130%	81%	88%	90%	90%	86%	90%
Bromofluorobenzene		84%	88%	94%	84%	94%	83%	98%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		Dupl P18(10')	P19(5')	P19(10')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd			
Gasoline	5.0	nd	nd	nd			
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	99%	85%	15%
Toluene	50	nd	nd	nd	105%	103%	3%
Ethylbenzene	50	nd	nd	nd			
Xylenes	50	nd	nd	nd			
Surrogate recoveries:							
Trifluorotoluene		87%	83%	81%	127%	110%	
Bromofluorobenzene		87%	88%	89%	83%	86%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	TP7(5')	TP9(5')	P16(5')	Dupl P16(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	128%	127%	130%	128%	129%
o-Terphenyl	128%	106%	109%	108%	109%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

Metals (7010), mg/kg		MTH BLK	LCS	P16(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Lead (Pb)	1.0	nd	113%	7.0	114%	127%	11%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M- matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61007-1)* Project.

Samples were received on *October 07, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61007-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/07/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61007-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/07/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	TP11(5')	TP12(5')	TP13(5')	TP14(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd
Gasoline	5.0	nd		nd	18	nd	nd
BTEX 8021B, µg/kg							
Benzene	20	nd	94%	nd	nd	nd	nd
Toluene	50	nd	110%	nd	nd	nd	nd
Ethylbenzene	50	nd		nd	nd	nd	nd
Xylenes	50	nd		nd	82	nd	nd
Surrogate recoveries:							
Trifluorotoluene		98%	129%	83%	79%	85%	104%
Bromofluorobenzene		85%	96%	93%	95%	92%	109%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61007-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/07/16

Analytical Results

NWTPH-Gx / BTEX		TP14(10')	TP15(5')	TP15(10')	TP16(3')	TP16(5')	TP17(3')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd
Gasoline	5.0	nd	nd	nd	nd	nd	nd
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd
Surrogate recoveries:							
Trifluorotoluene		103%	98%	90%	105%	97%	91%
Bromofluorobenzene		101%	97%	97%	108%	95%	89%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61007-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/07/16

Analytical Results

NWTPH-Gx / BTEX		TP17(5')	TP18(3')	TP19(3')	TP19(5')	Dupl TP19(5')	MS
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	
Gasoline	5.0	nd	nd	nd	nd	nd	
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	nd	nd	94%
Toluene	50	nd	nd	nd	nd	nd	103%
Ethylbenzene	50	nd	nd	nd	nd	nd	
Xylenes	50	nd	nd	nd	nd	nd	
Surrogate recoveries:							
Trifluorotoluene		95%	104%	103%	106%	108%	124%
Bromofluorobenzene		106%	104%	102%	102%	88%	85%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61007-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/07/16

Analytical Results

NWTPH-Gx / BTEX		MSD	RPD
Matrix	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16
NWTPH-Gx, mg/kg			
Mineral spirits/Stoddard	5.0		
Gasoline	5.0		
BTEX 8021B, µg/kg			
Benzene	20	95%	2%
Toluene	50	104%	0%
Ethylbenzene	50		
Xylenes	50		

Surrogate recoveries:	
Trifluorotoluene	125%
Bromofluorobenzene	83%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 25, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61020-1)* Project.

Samples were received on *October 20, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Any use, copying or disclosure other than by the intended recipient is unauthorized.

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61020-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/20,21/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P20(5')	P20(10')	P21(5')	P21(10')	P22(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		57	20	1,200	66	1,100
BTEX 8021B, µg/kg								
Benzene	20	nd	105%	65	240	650	110	830
Toluene	50	nd	101%	101	nd	590	140	1,900
Ethylbenzene	50	nd		150	90	8,100	340	20,000
Xylenes	50	nd		160	84	24,000	740	7,900
Surrogate recoveries:								
Trifluorotoluene		84%	97%	82%	71%	71%	72%	M
Bromofluorobenzene		90%	80%	92%	92%	92%	94%	130%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		P22(10')	P22(12')	P23(5')	P23(10')	P24(5')	P24(10')	Dupl P24(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	34	nd	760	16	nd	50	58
BTEX 8021B, µg/kg								
Benzene	20	29	nd	460	nd	nd	260	340
Toluene	50	nd	nd	740	nd	nd	nd	nd
Ethylbenzene	50	430	nd	4,800	220	nd	1,500	1,700
Xylenes	50	190	nd	2,400	100	nd	860	1,000
Surrogate recoveries:								
Trifluorotoluene		87%	83%	M	93%	85%	91%	84%
Bromofluorobenzene		110%	104%	112%	107%	101%	103%	93%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		P24(10')	MS	MSD	RPD	P25(5')	P25(10')	P26(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0					nd	nd	nd
Gasoline	5.0	15%				5,200	350	12
BTEX 8021B, µg/kg								
Benzene	20	27%	110%	111%	0%	4,600	160	nd
Toluene	50		118%	119%	1%	25,000	3,400	nd
Ethylbenzene	50	13%				35,000	1,600	nd
Xylenes	50	15%				230,000	16,000	410
Surrogate recoveries:								
Trifluorotoluene			110%	113%		M	98%	91%
Bromofluorobenzene			104%	104%		M	108%	102%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		P27(5')	P28(5')	P28(10')
Matrix	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg				
Mineral spirits/Stoddard	5.0	nd	nd	nd
Gasoline	5.0	58	nd	nd
BTEX 8021B, µg/kg				
Benzene	20	nd	nd	nd
Toluene	50	nd	nd	nd
Ethylbenzene	50	95	nd	nd
Xylenes	50	390	nd	nd
Surrogate recoveries:				
Trifluorotoluene		88%	84%	83%
Bromofluorobenzene		106%	101%	98%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61020-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/20,21/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	P25(5')	Dupl P25(5')
Matrix	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/22/16	10/22/16	10/22/16
Date analyzed	Limits	10/22/16	10/22/16	10/22/16
Kerosene/Jet fuel	20	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd
Heavy oil	50	nd	nd	nd
Surrogate recoveries:				
Fluorobiphenyl		89%	93%	94%
o-Terphenyl		103%	107%	105%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

Metals (7010), mg/kg		MTH BLK	LCS	P25(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/24/16	10/24/16	10/24/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/24/16	10/24/16	10/24/16	10/04/16	10/04/16	10/04/16
Lead (Pb)	1.0	nd	93%	8.6	M	M	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 25, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61024-2)* Project.

Samples were received on *October 24, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Any use, copying or disclosure other than by the intended recipient is unauthorized.

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61024-2
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/24/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61024-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/24/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P29(3')	P30(5')	P30(10')	P31(10')	P32(3')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
Date analyzed	Limits	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	200	nd	nd	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	80%	nd	86	nd	nd	nd
Toluene	50	nd	92%	nd	190	nd	nd	nd
Ethylbenzene	50	nd		nd	280	nd	nd	nd
Xylenes	50	nd		nd	400	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		78%	82%	76%	79%	76%	70%	78%
Bromofluorobenzene		118%	118%	124%	120%	116%	115%	108%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61024-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/24/16

Analytical Results

NWTPH-Gx / BTEX		P33(3')	P34(3')	Dupl P34(3')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
Date analyzed	Limits	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd			
Gasoline	5.0	nd	nd	nd			
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	92%	90%	2%
Toluene	50	nd	nd	nd	99%	100%	1%
Ethylbenzene	50	nd	nd	nd			
Xylenes	50	nd	nd	nd			
Surrogate recoveries:							
Trifluorotoluene		78%	73%	71%	77%	70%	
Bromofluorobenzene		99%	107%	113%	108%	110%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

- Laboratory Chain of Custody

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: C61004-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: [illegible]

Project Manager: Nick Gorkin

Address: 13125 Interurban Ave S Tukwila

Phone: 206 482 2257 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gorkin

Date of collection: 10-3-16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P1(10')	[illegible]	SOIL	2x4oz				X		X											[illegible] Quick	1
2	P2(5')	955						X		X												
3	P3(10')	1300						X		X												
4	P4(5')	1310						X		X												
5	P5(5')	1330			X			X		X						X					✓	
6	P6(10')	0855						X		X											[illegible]	
7	P7(3')	0900						X		X												
8	~~[illegible]~~ P8(10')	1150						X		X												
9	P9(5')	1300			X			X		X						X						
10	P10(10')	1310						X		X												
11	P10(10')	1315						X		X											Added	
12	P11(10')	1325	✓	✓				X		X											✓ by N Gorkin 10/05/16	✓

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/4/16 17:50	[signature]	10/4/16 17:30pm
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/4/16 4:25	[signature]	10/4/16 4:25

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Rush

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: CE10105-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: [illegible]

Project Name: [illegible] RV

Project Manager: Nick Gerkin

Project Number: —

Address: 15425 Interurban Ave S, Tukwila

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/4 + 10/5

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P8 (10')	1140	SOIL	[illegible]				X		X											10/4	3
2	P12 (5)	1400	↓	↓				X		X											10/5	↓
3	P12 (10)	1405						X		X											↓	
4	P13 (5)	1410						X		X												
5	P13 (10)	1415						X		X												
6	P14 (5)	1420						X		X												
7	P14 (10)	1425	↓	✓				X		X											↓	↓
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/5/16 14:30	[signature]	10/5/16 [illegible]
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/5/16 4:00	V. [illegible]	10/05/16 16:05

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C dy Record

Laboratory Job #: B6 10 06 - 3

(1)

Page of 3

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gerik

Address: 925 Interurban Ave S

Phone: 206 482 2287 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gerik

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx 2 ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P15 (10')	0925	SOIL	2 VOA 3 JAR				X													Run after TP	3
2	P16 (5')	0930						X		X							X					
3	P16 (10)	0935						X														
4	P17 (5')	0940						X														
5	P17 (10')	0945						X														
6	P18 (5')	0950						X														
7	P18 (10)	0955						X														
8	P19 (5')	1000						X														
9	P19 (10)	1005						X														
10	TP1 (5')	1050		2 VOA				X													Run 1st	2
11	TP2 (5')	1105						X														
12	TP2 (10')	1110						X														

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/6/16 1300	[signature]	10/6/16 1305
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[signature]	10/6/16 2:08	[signature]	10/06/16 2:08

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #: BC1016-3

(2)

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gerkin

Address: 13425 Interurban Ave S

Phone: 206 452 2287 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gerkin

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	TP3(3')	1115	Soil	2VOA	X			X									X				no lead	2
2	TP3(5')	1120			X			X									X				no lead	1
3	TP3(10')	1125						X														
4	TP4(3')	1155						X														
5	TP4(5')	1200						X														
6	TP4(10')	1205						X														
7	TP5(5')	1215						X														
8	~~TP6~~ TP5(10')	1220						X														
9	TP6(5')	1315						X														
10	TP6(10')	1320						X														
11	TP7(5')	1230		2VOA 1Jar				X	X													3
12	TP8(3')	1140		2VOA				X														2

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[signature]	10/6/16 1300	[signature]	10/6/16 1300
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/6/16 2:08	[signature]	10/6/16 2:08 pm

Sample receipt Info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C[illegible]dy Record

(3)

Page [illegible] of 5

Laboratory Job #: B6 1006-3

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Name: Fire RV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	TP5(5')	1145	SOIL	2VOA				X														2
2	TP5(10')	1150	↓	↓				X													Run TP5(5) + TP7(10) CR over	2
3	TP7(5')	1255	↓	2VOA 1500	X			X		X												3
4	TP7(10')	1300	✓	2VOA				X														2
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/6/16 1300	[signature]	10/6/16 1300
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/9/16 2:08	V. Turner	10/6/16 2:08 pm

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #: 6K1C7-1

Page 1 of

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Terratech

Project Name: FKRV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S, Tukwila

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	~~TP10~~ TP10(5')	1520	Soil	2WA				X	-	-	cancelled										HOLD	2
2	TP11(5')	1525	↓	↓				X													↓	↓
3	TP12(5')	1535						X														
4	TP13(5')	1545						X														
5	TP14(5')	1555						X														
6	TP14(10')	1605	↓	↓				X													↓	↓
7																						
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/7/16 [illegible]	[signature]	10/7/16 8:50 am
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/7/16 10:00	[signature]	10/07/16 10:00

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C dy Record

(2)

Page of 1

Laboratory Job #: E6/017-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gorkin

Address: 13925 Interurban Ave S

Phone: 206 482 2287 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gorkin

Date of collection: 10/7/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead					Notes, comments	# of containers
1	TP15(5')	1125	Soil	1 Jar				X															1
2	TP15(10')	1130						X															
3	TP16(3')	1155						X															
4	TP16(5')	1200						X															
5	TP17(3')	1210						X															
6	TP17(5')	1215						X															
7	TP18(3')	1220						X															
8	TP19(3')	1225						X															
9	TP19(5')	1230						X															
10																							
11																							
12																							

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[signature]	10/7/16 1300	[signature]	10/7/16 1300
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/7/16 1300	[signature]	10/08/16 11:00

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Page 1 of

Laboratory Job #: C 6102C-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Terotech

Project Manager: Nick Gerkin

Address: 13925 Interurban Ave S

Phone: 206 482 2287 Fax:

Project Name: FG RV

Project Number: —

Collector: Nick Gerkin

Date of collection: 10/20/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P21 (5')	1040	SOIL	1VOA 1SAG				X														1
2	P21 (10')	1045	↓	↓				X														↓
3	P22 (5')	1100	↓	↓				X														↓
4	P22 (10')	1140	↓	↓				X														↓
5	P22 (12')	1150	↓	↓				X														↓
6	P23 (5')	1200	↓	↓				X														↓
7	P23 (10')	1205	↓	↓				X														↓
8	P24 (5')	1210	↓	↓				X														↓
9	P24 (10')	1300	↓	↓				X														↓
10	P20 (5')	1320	↓	↓				X														↓
11	P20 (10')	1330	↓	↓				X														↓
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/20/16 1500	[signature]	10/20/16 1500
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/20/16 4:20pm	[signature]	10/20/16 4:30pm

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C dy Record

Page of

Laboratory Job #: C6 12 20 1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Name: Fife RV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S, Tukwila, WA

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/21/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P25(5)	0930	Soil	1V-A jar				X		X							X					2
2	P25(10)	0940	↓	↓				X														↓
3	P26(10)	1135						X														
4	P27(5)	1145						X														
5	P28(5)	1150						X													RUSH	
6	P28(10)	1200						X													RUSH	
7	~~TP2A(3)~~	~~1340~~	↓	↓				~~X~~													~~RUSH~~	↓
8																						
9																						
10																						
11																						
12																						

NAG

Soil from which sample taken was subsurface drilling

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[signature]	10/21/16 1450	[signature]	10/21/16 14:50
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[signature]	10/21/16 14:50	[signature] 10/21/16	16:36

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: B C61024-2

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gerkin

Address: 13925 Interurban Ave S, Tukwila, WA

Phone: 206 482 2287 Fax:

Project Name: F.G RV

Project Number: —

Collector: Nick Gerkin

Date of collection: 10/24/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead					Notes, comments	# of containers
1	P29 (3)	0845	Soil	1VOA 1SVOC				X															2
2	P30 (5)	1100	↓	↓				X															↓
3	P30 (10)	1110	↓	↓				X															↓
4	P31 (10)	1120	↓	↓				X															↓
5	P32 (3)	1310	↓	↓				X															↓
6	P33 (3)	1320	↓	↓				X															↓
7	P34 (3)	1330	↓	↓				X															↓
8																							
9																							
10																							
11																							
12																							

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[signature]	10/24/16 1400	[signature]	10/24/16 2:00pm
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/24/16 3:50pm	[signature]	10/24/16 3:52pm

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

Supplemental Documents

Associated Earth Sciences, Inc.

Serving the Pacific Northwest Since 1981

January 24, 2014
Project No. TV130509B

Mr. Noel Coon
Hana Hou.Wailea, LLC
c/o Mr. Kelly Wood
Phillips Burgess PLLC
505 Broadway Street, Suite 408
Tacoma, Washington 98402

Subject: Supplemental Phase II Environmental Site Assessment
Freddie's Casino Property
3410 Pacific Highway East
Fife, Washington

Dear Mr. Coon:

Associated Earth Sciences, Inc. (AESI) is pleased to provide this letter-report presenting the results of our assessment of subsurface conditions at the above-referenced site. The subject property consists of a vacated casino building, associated outbuilding, and associated asphalt and gravel parking located on approximately 3.76 acres of land. The location of the property is shown on Figure 1, "Vicinity Map."

BACKGROUND

AESI issued a Phase I Environmental Site Assessment (ESA) for the subject property on October 29, 2013, for another party. The site layout is shown on the attached Figure 2. Based on our Phase I ESA findings, the identified recognized environmental conditions (RECs) included:

- A release of petroleum hydrocarbons was previously identified on the northwestern portion of the subject property. Additional investigation was recommended to determine the nature and extent of the release as well as whether it originates from an on-site or off-site source.

- The northwest corner of the subject property was occupied by a Gasamat gas station from approximately the late 1960s to the late 1980s (Figure 2). The full history and configuration of the former station, as well as the specifications and status of the former underground storage tank (UST) fuel system, are unknown. Additional investigation was recommended to determine if the Gasamat is the source of the above-mentioned petroleum

release or if other adverse subsurface conditions (e.g. abandoned USTs) are present beneath the subject property.

- A petroleum release was historically identified at the northwest adjoining Chevron station property. Based on the available regulatory records and the identified petroleum release on the subject property, additional investigation was recommended to determine if this off-site activity has adversely affected or contributed to adverse subsurface conditions beneath the subject property.

- The subject property is part of a cleanup "site" (CSCSL) defined by the Washington State Department of Ecology (Ecology) due to the above-mentioned petroleum release and elevated arsenic concentrations in ground water. Based on our recent correspondence with Ecology, the site would likely be delisted from the CSCSL if the petroleum release is remediated, regardless of the arsenic condition in ground water (which appears to be area-wide).

AESI's complete Phase I ESA findings and conclusions are provided under separate cover.

SOIL AND GROUND WATER SAMPLING

For this subsurface investigation, AESI oversaw a geophysical survey and completed exploration advancement on December 18 and 19, 2013, respectively. The purpose of the geophysical survey was to attempt to identify abandoned USTs or backfilled UST cavities at the subject property. The purpose of the explorations was to attempt to better define the nature and extent of the identified petroleum release at the site and to determine if any of the above-referenced RECs have led to other adverse environmental impacts to subsurface soil and/or ground water at the subject property. Figure 2 is a "Site and Exploration Plan" that indicates the approximate locations of the test probes. Analytical laboratory results and sample chain-of-custody forms are included as Appendix A and exploration logs are included as Appendix B.

Geophysical Survey

AESI oversaw a geophysical survey performed at the site by CNI Locates, Ltd. The accessible exterior areas of the northwestern, unpaved gravel area (i.e. the vicinity of the former Gasamat station and the previous detection of petroleum hydrocarbons) were examined with an electro magnetometer (EM) for metallic anomalies. Suspect anomalies and the estimated historical locations of the former Gasamat station and USTs (based on limited information obtained during our Phase I ESA) were subsequently traversed with ground-penetrating radar (GPR). Based on the findings of the geophysical survey, no abandoned USTs or definitive evidence of former, backfilled UST cavities were identified.

It should be noted that several factors can interfere with the effectiveness of the geophysical survey equipment, potentially resulting in subsurface features and/or objects (including USTs and associated backfilled cavities) not being identified. Regardless of these inherent limitations, geophysical survey techniques such as EM and GPR are generally considered the best available technology for identifying the presence and location of these potential subsurface features.

Exploration Borings

AESI completed ten Geoprobe explorations (EB-1 through EB-10) throughout the suspect areas of the subject property using a truck-mounted Geoprobe 7800 rig. The explorations were drilled to a maximum depth of 15 feet below ground surface (bgs).

The approximate locations of the explorations are depicted on Figure 2. Test probes EB-1 and EB-2 were advanced in the approximate, reported locations[1] of the two borings where the petroleum release was previously identified in 2004. Test probes EB-3 and EB-10 were advanced southwest and southeast of the existing Chevron fuel system, to help assess whether the off-site operations may be contributing to adverse subsurface conditions encountered on the subject property. Test probes EB-4 through EB-7 were advanced in the gravel lot at the approximate location of the former Gasamat gas station and USTs. Test probes EB-8 and EB-9 were advanced in locations meant to better delineate the previously identified petroleum release. Ground water was encountered in every exploration.

Soil Sampling

Soil sampling at all Geoprobe explorations was completed by driving a plastic-lined hollow probe tube with a truck-mounted, hydraulic impact hammer. The explorations are advanced in 5-foot increments. After each 5-foot driving interval the probe was removed from the exploration and the plastic sleeve containing a sample of the subsurface materials encountered during that driving interval was removed. The plastic liner was cut open to expose the soil sample, and laboratory-prepared sample containers were filled with soil for possible analytical testing.

A soil sample was also collected for field screening using a portable photoionization detector (PID) and visual and olfactory methods. PID readings were collected to determine field indications of volatile organic compounds (VOCs) in soils, measured in volumetric parts per million (vppm). PID readings and observations pertaining to suspect staining, and/or odors are noted on the exploration logs included in Appendix B. In summary, no suspect soil staining was noted; however, slight to strong petroleum odors were encountered in soils from explorations EB-4 through EB-7, EB-9, and EB-10. PID readings ranged from 0.0 vppm to 184 vppm (observed in EB-5 from 5.5 to 6.5 feet bgs). Suspect elevated PID readings were observed in soils from explorations EB-4 through EB-6, and EB-10.

1 The figures provided in the previous reports for the 2004 borings were not to scale. Therefore, the reported locations are approximated.

Ground Water Sampling

Ground water samples were collected for analytical testing from every exploration advanced at the site. The ground water sampling procedure consisted of installing a temporary well screen at the base of the completed exploration, and inserting a plastic tube extending from the screened interval to the ground surface. A peristaltic pump was used to draw water from the screened interval. The pump was run for approximately 15 minutes to clear the majority of the turbidity from the water flow, and the ground water sample was collected into laboratory-prepared sample containers after the development period. The tubing, temporary screen, and casing were then removed.

Sample Management

All soil and ground water samples collected for chemical analysis were placed in appropriate sample containers supplied by an Ecology-approved laboratory subcontracted to AESI. Soil samples intended for VOCs analysis were collected using the Ecology-approved 5035 method. However, soil sample EB-2-8.5, which was not originally intended for VOCs analysis, was collected in a 4-ounce glass jar with a Teflon-lid liner. Each container was labeled with the site name, date, time, exploration number, sample number, and sampling personnel. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to the analytical laboratory by AESI under strict chain-of-custody procedures.

Site Restoration

All Geoprobe exploration locations were abandoned with bentonite seals in accordance with Ecology guidelines. No permanent wells were installed.

Waste Management

Soil cuttings, purge water, and equipment cleaning water generated during the field activities were placed in a Washington State Department of Transportation (WSDOT)-approved, 35-gallon steel drum, closed, and appropriately labeled with project-specific information and initial accumulation date. One 35-gallon waste drum was generated during these field services and was left on-site for subsequent characterization and disposal. Disposal of drummed material is not included in this scope of work.

SUBSURFACE CONDITIONS

Subsurface conditions at the project site were inferred from the field explorations accomplished for this study and visual reconnaissance of the site. Soils encountered beneath the subject property generally consisted of approximately 3 to 8 feet of brown-gray, fine to coarse silty sand, with variable gravels, underlain by brown-gray sandy silt (alluvium) to the maximum depth explored (15 feet bgs).

An approximately 0.5- to 3-foot thick, perched water-bearing zone (moist to wet) was observed within the silt unit, occasionally within an interbedded sandy silt or silty sand layer, at approximate depths of 6 to 9 feet bgs. The partially-saturated zones abated with depth, except at exploration EB-6, where wet soils were observed to the maximum depth explored. In each exploration, the water level rose slightly from the initially encountered depth (a few inches to as much as 2 feet), indicating a partially-confined ground water condition.

As discussed in our Phase I ESA report, a review of previous reports for the subject and adjoining properties indicates that ground water flow direction appears to fluctuate and can range from north to south. The predominant ground water flow direction (based on multiple elevation measurements reported for the northwest adjoining Chevron property) is reportedly to the southwest, towards the Puyallup River.

LABORATORY ANALYSIS RESULTS

Soil samples were analyzed by Friedman & Bruya, Inc. of Seattle, Washington, for one or all of the following:

- Total petroleum hydrocarbons (TPH) identification by Method NWTPH-HCID.
- Gasoline-range TPH by Method NWTPH-G.
- Diesel- and oil-range TPH by Method NWTPH-Dx with silica gel cleanup[2].
- VOCs and/or benzene, toluene, ethylbenzene and total xylenes (BTEX) by Method 8260C or 8021B.
- Total lead by Method 200.8/1631E.

The soil and ground water analytical results are summarized in Table 1, "Laboratory Analysis Results for Soil Samples," and Table 2, "Laboratory Analysis Results for Ground Water," respectively, attached to this letter-report. Gasoline-range TPH and BTEX analytical results are also summarized in Figure 3, "Exploration Plan with Soil Analytical Summary," and Figure 4, "Exploration Plan with Ground Water Analytical Summary," both attached to this letter report.

Soil Analytical Results

Based on the laboratory analytical results, gasoline-range TPH (up to 2,000 milligrams per kilogram [mg/kg]), benzene (up to 1.8 mg/kg), toluene (up to 9.6 mg/kg), ethylbenzene (up to 41 mg/kg), and total xylenes (up to 120 mg/kg) were detected in the soil samples analyzed from

2 Silica gel cleanup mitigates organic interferences that can result in falsely elevated analytical results during NWTPH-Dx analysis.

the subject property, above their Model Toxics Control Act (MTCA) Method A soil cleanup levels for unrestricted land use (MTCA cleanup levels of 30, 0.03, 7, 6, and 9 mg/kg, respectively). The distribution of gasoline TPH and BTEX concentrations detected in site soils (considered herein to be the "indicator" contaminants of concern) is shown in Figure 3. The highest concentrations of gasoline TPH and BTEX were detected in soils collected from the vicinity of the reported, former Gasamat UST locations.

Diesel-range TPH concentrations (up to 660 mg/kg) were also detected in soil samples concurrently with significantly elevated gasoline-range TPH concentrations. However, a review of the individual sample chromatograms by the analytical laboratory indicated that these diesel detections are likely the result of overlap from the elevated gasoline TPH detections and are not indicative of diesel.

Oil-range TPH was not detected in any of the soil samples analyzed. The three soil samples with the highest detections of gasoline TPH were also analyzed for total lead content and found to contain lead concentrations up to 12.3 mg/kg, below the MTCA Method A soil cleanup level of 250 mg/kg and likely indicative of background conditions.

Ground Water Analytical Results

Based on the laboratory analytical results, gasoline-range TPH (up to 49,000 micrograms per Liter [ug/L]), benzene (up to 1,100 ug/L), toluene (up to 420 ug/L), ethylbenzene (up to 2,800 ug/L), total xylenes (up to 6,000 ug/L), and naphthalene (up to 540 ug/L), were detected in the ground water samples collected from the site above their MTCA Method A ground water cleanup levels (MTCA cleanup levels of 800, 5, 1,000, 700, 1,000, and 160, respectively). 1,3,5-trimethylbenzene (up to 210 ug/L) was also detected above its applicable MTCA Method B ground water cleanup level of 80 ug/L[3]. The distribution of gasoline TPH and BTEX concentrations detected in ground water at the site is shown in Figure 4. As with the detections in soil, the highest concentrations of gasoline TPH and BTEX were detected in ground water collected from the vicinity of the reported, former Gasamat UST locations.

Diesel-range TPH (up to 6,000 mg/kg) and methylene chloride were also detected in ground water samples with significantly elevated gasoline-range TPH concentrations. However, a review of the individual sample chromatograms by the analytical laboratory suggested that the diesel TPH detections are likely the result of overlap from the elevated gasoline TPH concentrations and not indicative of diesel. The laboratory also indicated that the methylene chloride detection was likely the result of laboratory contamination.

Oil-range TPH was detected in only one sample, EB-3-GW, at a concentration of 350 ug/L, below the MTCA Method A ground water cleanup level of 500 ug/L. Other petroleum-related VOCs were also detected in ground water at relatively low concentrations (see Table 2).

3 In lieu of an established MTCA Method A ground water cleanup level for 1,3,5-trimethylbenzene, the Method B cleanup value was used for comparison.

CONCLUSIONS AND RECOMMENDATIONS

A supplemental Phase II ESA subsurface investigation was conducted to attempt to better define the nature and extent of adverse subsurface conditions at the subject property.

Based on the geophysical survey findings, no suspect subsurface anomalies (e.g. USTs or backfilled UST cavities) were identified.

Based on the soil and ground water analytical results, a release of diesel- and oil-range TPH was not identified on the subject property. The eastern and southeastern extents of the previously identified gasoline-range TPH and BTEX release to soil and ground water have been adequately delineated. The extent of the release to soil and ground water, from the northwest to the southwest, has not yet been determined. Concentrations of naphthalene and 1,3,5-trimethylbenzene (likely associated with the gasoline TPH release) were also detected in ground water at the site above their respective MTCA Method A ground water cleanup levels. Also, the vertical extent of the identified contaminants of concern (COCs) appears to be limited to the observed, perched water-bearing zone and immediately adjacent, underlying soils.

The highest concentrations of the COCs were detected in the reported vicinity of the former Gasamat USTs. At this time, it is unclear if the adjoining Chevron station fuel system is contributing to the identified on-site release. The exploration closest to the off-site USTs (EB-3) did not contain significantly elevated concentrations of the COCs. However, due to the significantly elevated COC concentrations in soil and ground water from exploration EB-4 (also inferred directly downgradient of the off-site fuel UST nest), additional investigation would be necessary to exclude the adjacent Chevron facility as a source of COC contribution, especially given prior documented releases at the off-site property.

Additional investigation would be necessary to determine the full extent of the COCs plume in soil and ground water, particularly to the west. AESI recommends that a copy of this letter-report be submitted to Ecology as a status report of the remedial efforts being undertaken on the subject property. The client should also confer with legal counsel before taking any additional steps to address the on-site release.

LIMITATIONS AND EXCEPTIONS

Subsurface explorations cannot eliminate all uncertainty regarding the current extent of chemical contamination or the potential for future migration to soil or ground water. Given budget and time limitations, sampling is limited to a finite number of discrete locations and chemical analysis is limited to chemical constituents typically associated with the known environmental conditions. It is possible that higher chemical concentrations may be found in locations where sampling was not conducted and chemical constituents may be present that were not included in the analysis.

Judgments leading to the enclosed general conclusions are based on a reasonable amount of sampling and analysis and reflect site conditions as they existed at the time of our assessment. Other information on the subject property or adjacent surrounding properties may exist, and more extensive studies may reduce the uncertainties associated with this assessment.

CLOSURE

This letter-report was prepared for the exclusive use of Mr. Noel Coon, Hana Hou Wailea, LLC, and its agents for specific application to the subject site. AESI personnel performed this assessment in accordance with generally accepted standards of care that existed in the State of Washington at the time of this study. Our findings and conclusions have been prepared in accordance with generally accepted professional practice in the area at this time. We make no other warranty, either express or implied.

We appreciate this opportunity to provide these services. Please do not hesitate to call if you have any questions.

Sincerely,
ASSOCIATED EARTH SCIENCES, INC.
Tacoma, Washington

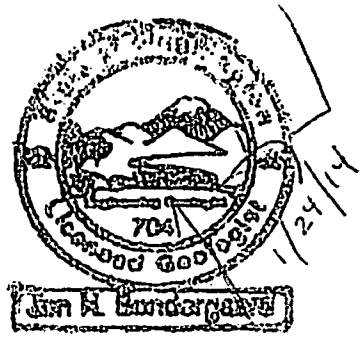

Lannie Smith, C.H.M.M.
Tacoma Environmental Manager

Jon N. Sondergaard, L.G., L.E.G.
Senior Principal Geologist

Attachments:	Figure 1:	Vicinity Map
	Figure 2:	Site and Exploration Plan
	Figure 3:	Exploration Plan with Soil Analytical Summary
	Figure 4:	Exploration Plan with Ground Water Analytical Summary
	Table 1:	Laboratory Analysis Results for Soil Samples
	Table 2:	Laboratory Analysis Results for Ground Water
	Appendix A:	Laboratory Analytical Reports
		Sample Chain-of-Custody Forms
	Appendix B:	Exploration Logs

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Kurt Johnson, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

January 2, 2014

Lannie Smith, Project Manager
Associated Earth Sciences, Inc.
1552 Jefferson Ave, Suite 102
Tacoma, WA 98402

Dear Mr. Smith:

Included are the results from the testing of material submitted on December 20, 2013 from the TV130509B, F&BI 312348 project. There are 28 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
AE10102R.DOC

Sample ID	Sample Location	Gasoline-Range Hydrocarbons (ug/L)	Diesel-Range Hydrocarbons (ug/L)	Motor Oil-Range Hydrocarbons (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Naphthalene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Methylene chloride (ug/L)	Other VOCs (ug/L)
EB 1 GW	EB 1	ND (< 100)	—	—	ND (< 1)	8.6	1.2	0.2	—	—	—	—
EB 2 GW	EB 2	ND (< 100)	—	—	ND (< 1)	6.7	ND (< 1)	0.6	—	—	—	—
EB 3 GW	EB 3	ND (< 100)	ND (< 50)	350	ND (< 1)	8.9	1.2	0.2	—	—	—	—
EB 4 GW	EB 4	49,000	6,000 [2]	ND (< 250)	1,100	420	2,600	6,000	—	—	—	—
EB 5 GW	EB 5	16,000	420 [2]	ND (< 250)	450	200	510	1,970	120	210	68 [4]	sec-Butylbenzene = 14 1,2,4-Trimethylbenzene = 830 n-Propylbenzene = 170 Isopropyl toluene = 50
EB 6 GW	EB 6	15,000	3,000 [2]	ND (< 250)	510	22	1,500	40	640	4.4	ND (< 5)	sec-Butylbenzene = 25 1,2,4-Trimethylbenzene = 19 n-Propylbenzene = 450 Isopropyl toluene = 160
EB 7 GW	EB 7	2,900	520 [2]	ND (< 250)	260 [2]	24	5.1	27	ND (< 1)	ND (< 1)	ND (< 5)	Acetone = 11 sec-Butylbenzene = 3.5 1,2,4-Trimethylbenzene = 1.6 n-Propylbenzene = 65 Isopropyl toluene = 34
EB 8 GW	EB 8	ND (< 100)	—	—	1.0	14	1.0	0.1	—	—	—	—
EB 9 GW	EB 9	110	—	—	1.1	15	2.3	15	—	—	—	—
EB 10 GW	EB 10	ND (< 100)	ND (< 55)	ND (< 220)	ND (< 1)	0.1	ND (< 1)	5.1	—	—	—	—
MTCA Method A Cleanup Levels		*800/1,000* [1]	*500*	*500*	*5*	*1,000*	*700*	*1,000*	*160*	*60* [3]	*5*	*varies*

Notes: Results above MTCA Method A Cleanup Levels, if any, are in bold.
ug/L = micrograms per Liter (equivalent to parts per billion).
— = Not Analyzed or Not Applicable

[1] The cleanup level for gasoline-range total petroleum hydrocarbons is 800 ug/L when benzene is present in groundwater and 1,000 ug/L otherwise.
[2] The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
[3] Estimated concentration. A dilution is required to obtain an accurate identification of the analyte.
[4] The presence of the compound indicated is likely due to laboratory contamination.
[5] The current Method B Non-carcinogen Standard Value was used in the table. No Method A or Method B carcinogen values have been established for this parameter.

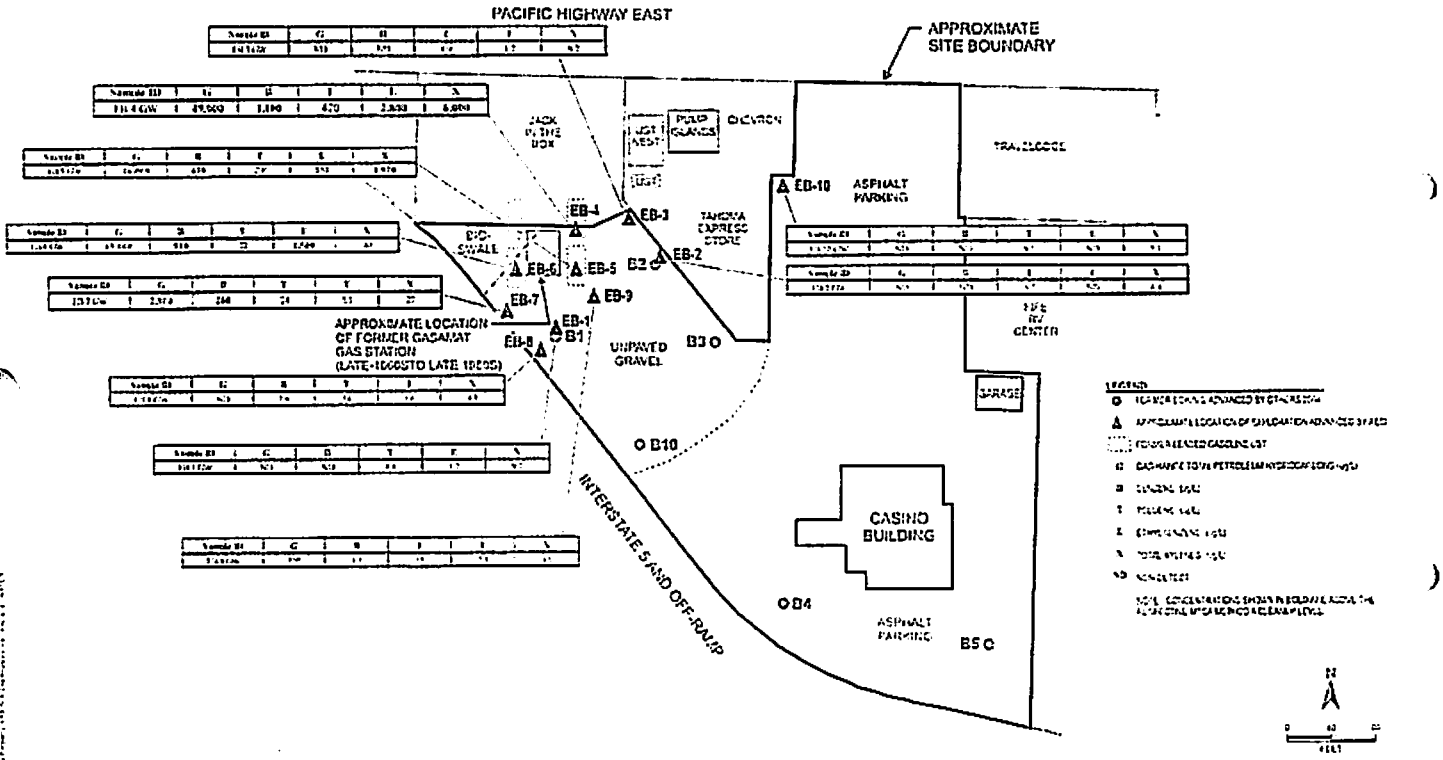

Associated Earth Sciences, Inc.

EXPLORATION PLAN WITH GROUND WATER ANALYTICAL SUMMARY
FREDDIE'S CASINO PROPERTY
FIFE, WASHINGTON

FIGURE 4
DATE

Sample Location	Sample Depth (ft bgs)	PID (vppm)	Gasoline-Range Hydrocarbons (mg/kg)	Diesel-Range Hydrocarbons (mg/kg)	Heavy Oil-Range Hydrocarbons (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total Lead (mg/kg)
EB 1 2.5-3.5'	2.5-3.5	0	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 1 4-5'	4-5	0	---	---	---	---	---	---	---	—
EB 1 9.5-10'	9.5-10	0.1	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 2 4-5'	4-5	0.1	---	---	---	---	---	---	---	---
EB 2 6-7'	6-7	0.1	---	---	---	---	---	---	---	---
EB 2 8-8.5'	8.5	0.1	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02) [3]	ND (< 0.02) [3]	ND (< 0.02) [3]	ND (< 0.06) [3]	—
EB 2 9-10'	9-10	0.1	---	---	---	---	---	---	---	---
EB 3 4-5'	4-5	0.4	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 3 6-7'	6-7	0.1	---	---	---	---	---	---	---	---
EB 3 7-7.5'	7-7.5	0.1	---	---	---	---	---	---	---	---
EB 3 8-9'	8-9	0.1	---	---	---	---	---	---	---	---
EB 3 9-10'	9-10	0.1	---	---	---	---	---	---	---	---
EB 4 2.5-3.5'	2.5-3.5	4.9	---	---	---	---	---	---	---	---
EB 4 3.5-4'	3.5-4	84.3	---	---	---	---	---	---	---	---
EB 4 4-5'	4-5	68.9	2,000	660 [2]	ND (< 250)	1.8	9.6	41	170	12.3
EB 4 6.5-7.5'	6.5-7.5	0.5	3.9	ND (< 50)	ND (< 250)	ND (< 0.02)	0.031	ND (< 0.02)	ND (< 0.06)	—
EB 4 8-9'	8-9	0.5	---	---	---	---	---	---	---	---
EB 4 9-10'	9-10	0.6	---	---	---	---	---	---	---	---
EB 5 3-4'	3-4	11.1	---	---	---	---	---	---	---	---
EB 5 4-5'	4-5	138	720	270 [2]	ND (< 250)	1.4	4.3	12	50	—
EB 5 5.5-6.5'	5.5-6.5	184	160	ND (< 50)	ND (< 250)	0.27	0.75	0.27	0.69	7.08
EB 5 6.5-7.5'	6.5-7.5	3.4	22	ND (< 50)	ND (< 250)	0.41	0.75	0.008	ND (< 0.06)	—
EB 5 9-10'	9-10	0.7	—	—	—	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 6 3-4'	3-4	3.9	---	---	---	---	---	---	---	---
EB 6 4-5'	4-5	1.2	—	—	—	---	---	---	---	
EB 6 6-7'	6-7	103	---	---	---	---	---	---	---	---
EB 6 7-7.5'	7-7.5	43.0	1,300	560 [2]	ND (< 250)	< 0.4	8	16	5.1	9
EB 6 7.5-8'	7.5-8	5.5	---	---	---	---	---	---	---	—
EB 6 9.5-10'	9.5-10	5.8	5-7	ND (< 50)	ND (< 250)	0.66	ND (< 0.02)	0.035	0.2	—
EB 6 10-11'	10-11	0.6	—	---	---	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	---
EB 7 3.5-4'	3.5-4	2.5	---	---	---	---	---	---	---	—
EB 7 4-5'	4-5	1.9	—	—	—	---	---	---	---	—
EB 7 5.5-6'	5.5-6	2.5	ND (< 2)	ND (< 50)	ND (< 250)	0.027	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 8 4-5'	4-5	0	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 8 8-9'	8-9	0	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 8 9-10'	9-10	0	---	---	---	---	---	---	---	---
EB 9 2-3'	2-3	0	—	—	—	---	---	---	---	---
EB 9 3-4'	3-4	0.4	4	---	---	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 9 4.5-5'	4.5-5	0	---	---	---	---	---	---	---	---
EB 9 5.5-6.5'	5.5-6.5	0	---	---	---	---	---	---	---	—
EB 9 7-7.5'	7-7.5	0	---	---	---	---	---	---	---	---
EB 9 7.5-8'	7.5-8	0	---	---	---	---	---	---	---	—
EB 9 9-10'	9-10	0	---	---	---	---	---	---	---	---
EB 10 4-4.5'	4-4.5	20	ND (< 2)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 10 7.5-8.5'	7.5-8.5	0	---	---	---	---	---	---	---	
EB 10 9-10'	9-10	0	---	---	---	---	---	---	---	---
MTCA Method A Cleanup Levels			30 / 100 [1]	2,000	2,000	0.03	7	6	9	250

Notes: Results above the MTCA Method A Cleanup Level for Unrestricted Land Use, if any, in bold

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram (equivalent to parts per million)

PID = Photoionization Detector

vppm = volumetric parts per million

--- = Not Analyzed

NR = No reading collected

[1] The cleanup level for gasoline-range total petroleum hydrocarbons is 100 mg/kg for mixtures without benzene and the total of ethylbenzene, toluene, and xylenes are less than 1% of the mixture. The cleanup level is 30 mg/kg for all other gasoline mixtures.

[2] The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

[3] The sample was received in a container not approved by the method. The value reported should be considered an estimate.

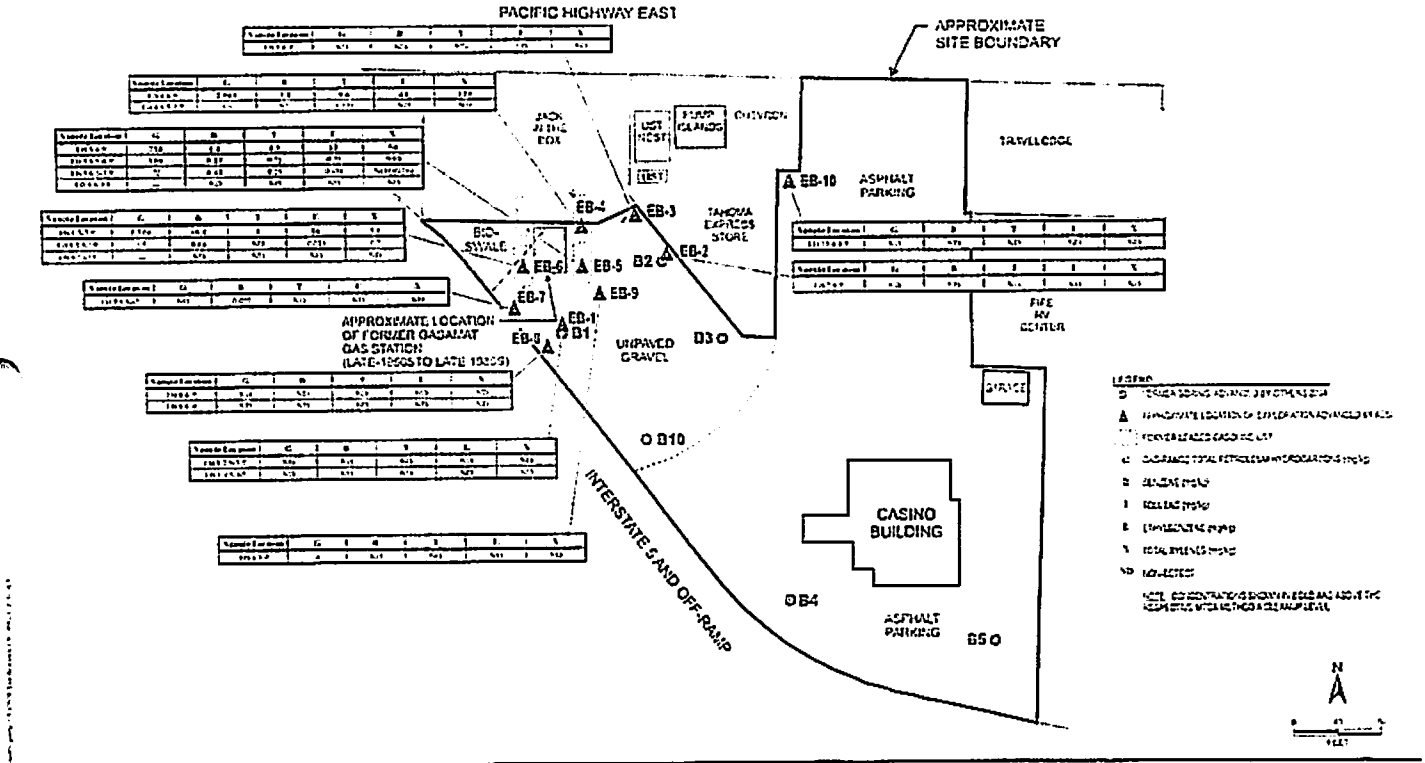

Associated Earth Sciences, Inc.

EXPLORATION PLAN WITH SOIL ANALYTICAL SUMMARY

FREDDIE'S CASINO PROPERTY

FIFE, WASHINGTON

FIGURE 3

DATE

PROJ. NO.

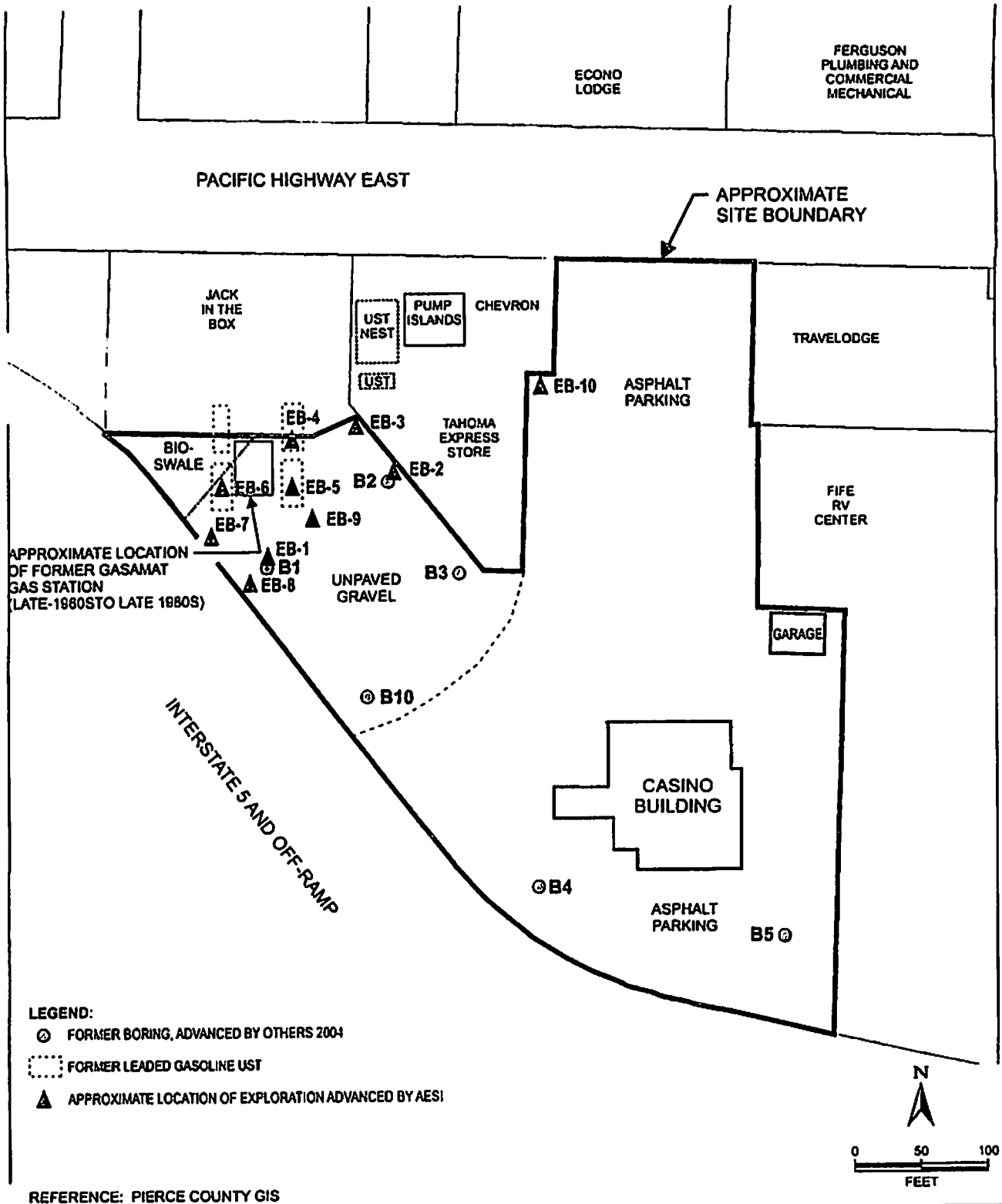

REFERENCE: PIERCE COUNTY GIS

Associated Earth Sciences, Inc.

SITE PLAN
FREDDIE'S CASINO PROPERTY
FIFE, WASHINGTON

FIGURE 2
DATE 1/14
PROJ. NO. TV130509B

130509 Freddie's Casino Property \ 130509 Site Analysis.cdr PAGE 1: Site

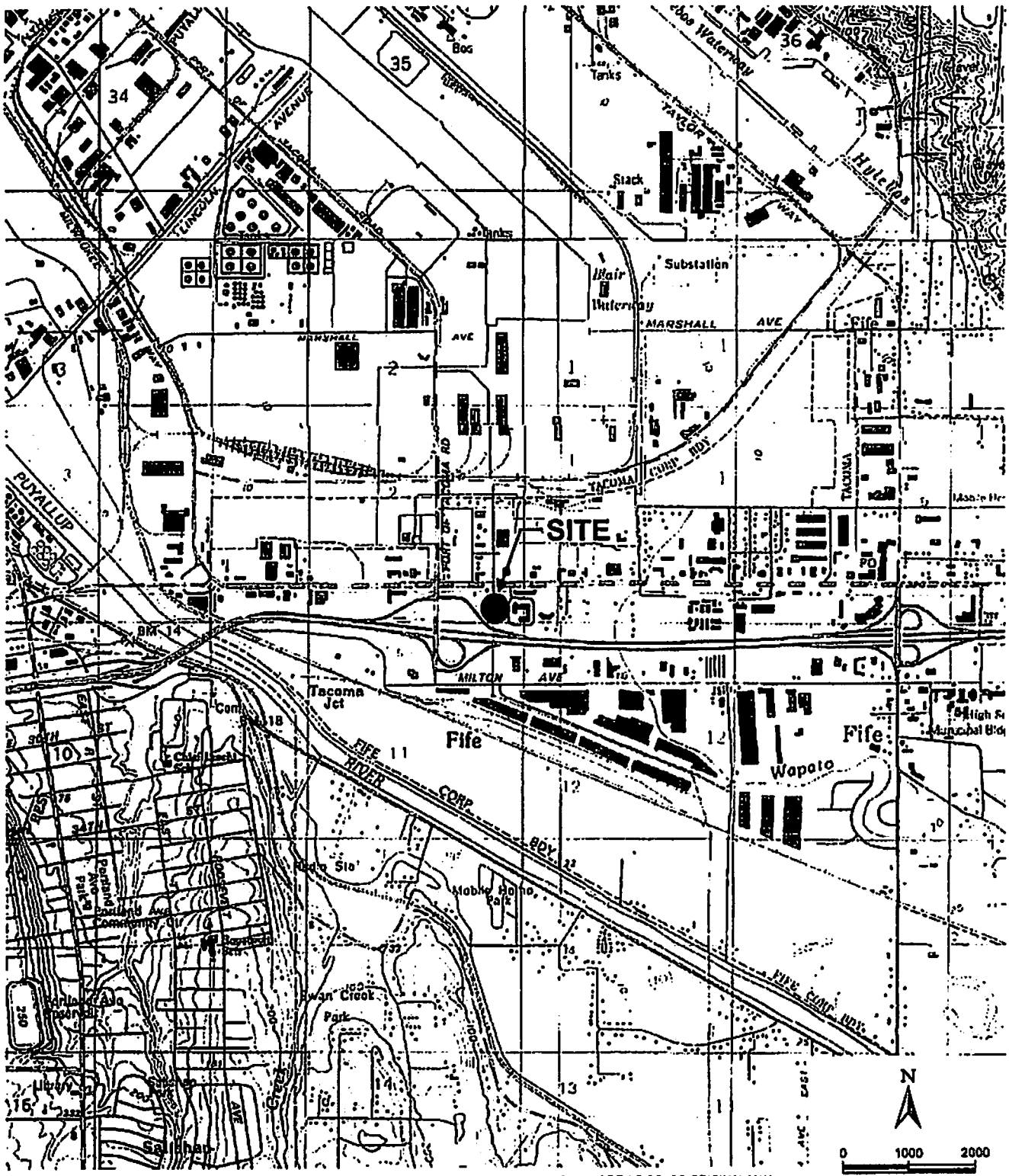

REFERENCE: USGS TOPOI

NOTE: BLACK AND WHITE REPRODUCTION OF THIS COLOR ORIGINAL MAY REDUCE ITS EFFECTIVENESS AND LEAD TO INCORRECT INTERPRETATION.

Associated Earth Sciences, Inc.

VICINITY MAP

FREDDIE'S CASINO PROPERTY
FIFE, WASHINGTON

FIGURE 1
DATE 1/14
PROJ. NO. TV130509B

130509 FreddieS Casino Property \ 130509 B Vicinity 1-14.cdr

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348
Date Extracted: 12/20/13
Date Analyzed: 12/20/13

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
EB4 4-5' 312348-19 1/20	1.8	9.6	41	120	2,000	100
EB4 6.5-7.5' 312348-20	<0.02	0.031	<0.02	<0.06	3.9	91
EB5 4-5' 312348-24 1/20	1.4	4.3	12	50	730	96
EB5 5.5-6.5' 312348-25	0.27	0.75	0.27	0.89	100	105
EB5 6.5-7.5' 312348-26	0.41	0.25	0.038	<0.06	22	98
EB6 7-7.5' 312348-32 1/20	<0.4	8.0	16	5.1	1,300	104
EB6 9.5-10' 312348-34	0.66	<0.02	0.035	0.20	5.7	95
EB7 5.5-6' 312348-39	0.027	<0.02	<0.02	<0.06	<2	95
EB9 3-4' 312348-45	<0.02	<0.02	<0.02	<0.06	4.0	95
EB10 4-4.5' 312348-52	<0.02	<0.02	<0.02	<0.06	<2	90
Method Blank 03-2576 MB	<0.02	<0.02	<0.02	<0.06	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348
Date Extracted: 12/24/13
Date Analyzed: 12/30/13

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 47-140)
EB3 GW 312348-11	<50	350	83
EB4 GW 312348-17	6,000 x	<250	88
EB5 GW 312348-28	420 x	<250	73
EB6 GW 312348-36	3,800 x	<250	84
EB7 GW 312348-40	520 x	<250	90
EB10 GW 312348-55 1/1.1	<55	<280	87
Method Blank 03-2640 MB	<50	<250	72

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348
Date Extracted: 12/26/13
Date Analyzed: 12/27/13

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
EB4 4-5' 312348-19	660 x	<250	88
EB4 6.5-7.5' 312348-20	<50	<250	88
EB5 4-5' 312348-24	220 x	<250	89
EB5 5.5-6.5' 312348-25	<50	<250	88
EB5 6.5-7.5' 312348-26	<50	<250	87
EB6 7-7.5' 312348-32	560 x	<250	88
EB6 9.5-10' 312348-34	<50	<250	86
EB7 5.5-6' 312348-39	<50	<250	90
EB10 4-4.5' 312348-52	<50	<250	86
Method Blank 03-2075 MB	<50	<250	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	EB4 4-5'	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	312348-19
Date Analyzed:	12/23/13	Data File:	312348-19.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	96	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	12.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	EB5 5.5-6.5'	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	312348-25
Date Analyzed:	12/23/13	Data File:	312348-25.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	95	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	7.08

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	EB6 7-7.5'	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	312348-32
Date Analyzed:	12/23/13	Data File:	312348-32.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	88	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	0.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Associated Earth Sciences
Date Received:	NA	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	I3-872 mb
Date Analyzed:	12/23/13	Data File:	I3-872 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	100	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB5 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-28
Date Analyzed:	12/24/13	Data File:	122411.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	50	150
Toluene-d8	106	50	150
4-Bromofluorobenzene	97	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	390 ve
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	1,100 ve
Methylene chloride	<5	o-Xylene	430 ve
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	52
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	140
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	190 ve
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	380 ve	1,2,4-Trimethylbenzene	160 ve
Trichloroethene	<1	sec-Butylbenzene	13
1,2-Dichloropropane	<1	p-Isopropyltoluene	6.6
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	180 ve	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	130
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB5 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-28 1/10
Date Analyzed:	12/24/13	Data File:	122410.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	50	150
Toluene-d8	102	50	150
4-Bromofluorobenzene	97	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	1,3-Dichloropropane	<10
Chloromethane	<100	Tetrachloroethene	<10
Vinyl chloride	<2	Dibromochloromethane	<10
Bromomethane	<10	1,2-Dibromoethane (EDB)	<10
Chloroethane	<10	Chlorobenzene	<10
Trichlorofluoromethane	<10	Ethylbenzene	510
Acetone	<100	1,1,1,2-Tetrachloroethane	<10
1,1-Dichloroethene	<10	m,p-Xylene	1,500
Methylene chloride	58 lc	o-Xylene	470
Methyl t-butyl ether (MTBE)	<10	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	56
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	170
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	210
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon tetrachloride	<10	tert-Butylbenzene	<10
Benzene	430	1,2,4-Trimethylbenzene	830
Trichloroethene	<10	sec-Butylbenzene	14
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<100
Toluene	200	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	130
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB6 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-36
Date Analyzed:	12/24/13	Data File:	122415.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	50	150
Toluene-d8	109	50	150
4-Bromofluorobenzene	99	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	550 ve
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	34
Methylene chloride	<5	o-Xylene	6.0
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	130
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	4.4
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	450 ve	1,2,4-Trimethylbenzene	19
Trichloroethene	<1	sec-Butylbenzene	24
1,2-Dichloropropane	<1	p-Isopropyltoluene	3.2
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	22	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	520 ve
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB6 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-36 1/10
Date Analyzed:	12/24/13	Data File:	122414.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	50	150
Toluene-d8	103	50	150
4-Bromofluorobenzene	98	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	1,3-Dichloropropane	<10
Chloromethane	<100	Tetrachloroethene	<10
Vinyl chloride	<2	Dibromochloromethane	<10
Bromomethane	<10	1,2-Dibromoethane (EDB)	<10
Chloroethane	<10	Chlorobenzene	<10
Trichlorofluoromethane	<10	Ethylbenzene	1,500
Acetone	<100	1,1,1,2-Tetrachloroethane	<10
1,1-Dichloroethene	<10	m,p-Xylene	39
Methylene chloride	<50	o-Xylene	<10
Methyl t-butyl ether (MTBE)	<10	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	150
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	450
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	<10
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon tetrachloride	<10	tert-Butylbenzene	<10
Benzene	510	1,2,4-Trimethylbenzene	19
Trichloroethene	<10	sec-Butylbenzene	25
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<100
Toluene	20	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	540
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB7 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-40
Date Analyzed:	12/24/13	Data File:	122418.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	50	150
Toluene-d8	101	50	150
4-Bromofluorobenzene	96	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	5.1
Acetone	11	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	23
Methylene chloride	<5	o-Xylene	4.0
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	34
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	65
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	260 ve	1,2,4-Trimethylbenzene	1.6
Trichloroethene	<1	sec-Butylbenzene	3.5
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	24	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 312348-08 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	86	69-120
Toluene	mg/kg (ppm)	0.5	92	70-117
Ethylbenzene	mg/kg (ppm)	0.5	95	65-123
Xylenes	mg/kg (ppm)	1.5	94	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING METHOD 8021B AND NWTPH-Gx

Laboratory Code: 312333-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	92	65-118
Toluene	ug/L (ppb)	50	93	72-122
Ethylbenzene	ug/L (ppb)	50	95	73-126
Xylenes	ug/L (ppb)	150	94	74-118
Gasoline	ug/L (ppb)	1,000	98	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	106	104	61-133	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 312348-19 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	500	132	117	63-146	12

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	116	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 312336-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	50	25.4	98 b	97 b	59-148	1 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	97	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 312369-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	ug/L (ppb)	50	<1	92	55-141
Chloromethane	ug/L (ppb)	50	<10	86	67-131
Vinyl chloride	ug/L (ppb)	50	<0.2	90	61-139
Bromomethane	ug/L (ppb)	50	<1	122	66-129
Chloroethane	ug/L (ppb)	50	<1	94	68-126
Trichlorofluoromethane	ug/L (ppb)	50	<1	83	71-128
Acetone	ug/L (ppb)	250	<10	97	48-149
1,1-Dichloroethene	ug/L (ppb)	50	<1	86	71-123
Methylene chloride	ug/L (ppb)	50	<5	95	61-120
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	<1	98	66-125
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	92	72-122
1,1-Dichloroethane	ug/L (ppb)	50	<1	95	79-113
2,2-Dichloropropane	ug/L (ppb)	50	<1	95	66-132
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	96	73-119
Chloroform	ug/L (ppb)	50	<1	93	80-113
2-Butanone (MEK)	ug/L (ppb)	250	<10	105	60-123
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	98	78-113
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	95	79-110
1,1-Dichloropropene	ug/L (ppb)	50	<1	89	87-121
Carbon tetrachloride	ug/L (ppb)	50	<1	102	72-123
Benzene	ug/L (ppb)	50	<0.35	91	79-109
Trichloroethene	ug/L (ppb)	50	<1	91	75-109
1,2-Dichloropropane	ug/L (ppb)	50	<1	97	80-111
Bromodichloromethane	ug/L (ppb)	50	<1	101	78-117
Dibromomethane	ug/L (ppb)	50	<1	101	80-112
4-Methyl-2-pentanone	ug/L (ppb)	250	<10	118	79-123
cis-1,3-Dichloropropene	ug/L (ppb)	50	<1	102	76-120
Toluene	ug/L (ppb)	50	<1	92	73-117
trans-1,3-Dichloropropene	ug/L (ppb)	50	<1	99	75-122
1,1,2-Trichloroethane	ug/L (ppb)	50	<1	97	81-111
2-Hexanone	ug/L (ppb)	250	<10	100	75-126
1,3-Dichloropropane	ug/L (ppb)	50	<1	95	81-111
Tetrachloroethene	ug/L (ppb)	50	<1	87	72-113
Dibromochloromethane	ug/L (ppb)	50	<1	92	69-129
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	<1	96	83-114
Chlorobenzene	ug/L (ppb)	50	<1	93	75-115
Ethylbenzene	ug/L (ppb)	50	<1	87	71-120
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	<1	96	78-122
m,p-Xylene	ug/L (ppb)	100	<2	87	63-128
o-Xylene	ug/L (ppb)	50	<1	90	64-129
Styrene	ug/L (ppb)	50	<1	91	70-122
Isopropylbenzene	ug/L (ppb)	50	<1	90	76-118
Bromoform	ug/L (ppb)	50	<1	94	49-138
n-Propylbenzene	ug/L (ppb)	50	<1	90	74-117
Bromobenzene	ug/L (ppb)	50	<1	90	70-121
1,3,5-Trimethylbenzene	ug/L (ppb)	50	<1	90	81-112
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	<1	93	79-120
1,2,3-Trichloropropane	ug/L (ppb)	50	<1	88	73-119
2-Chlorotoluene	ug/L (ppb)	50	<1	86	77-114
4-Chlorotoluene	ug/L (ppb)	50	<1	86	81-109
tert-Butylbenzene	ug/L (ppb)	50	<1	90	81-110
1,2,4-Trimethylbenzene	ug/L (ppb)	50	<1	92	74-115
sec-Butylbenzene	ug/L (ppb)	50	<1	88	77-118
p-Isopropyltoluene	ug/L (ppb)	50	<1	90	64-132
1,3-Dichlorobenzene	ug/L (ppb)	50	<1	90	81-111
1,4-Dichlorobenzene	ug/L (ppb)	50	<1	87	78-110
1,2-Dichlorobenzene	ug/L (ppb)	50	<1	91	81-111
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	<10	108	69-129
1,2,4-Trichlorobenzene	ug/L (ppb)	50	<1	100	74-115
Hexachlorobutadiene	ug/L (ppb)	50	<1	96	67-120
Naphthalene	ug/L (ppb)	50	<1	108	63-138
1,2,3-Trichlorobenzene	ug/L (ppb)	50	<1	104	79-116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spiko Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	108	110	54-149	2
Chloromethane	ug/L (ppb)	50	96	98	67-133	2
Vinyl chloride	ug/L (ppb)	50	100	100	73-132	0
Bromomethane	ug/L (ppb)	50	128 vo	136 vo	69-123	6
Chloroethane	ug/L (ppb)	50	100	101	68-128	1
Trichlorofluoromethane	ug/L (ppb)	50	98	98	70-132	0
Acetone	ug/L (ppb)	250	113	119	44-145	5
1,1-Dichloroethene	ug/L (ppb)	50	88	89	75-110	1
Methylene chloride	ug/L (ppb)	50	99	106	63-132	7
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	107	108	70-122	1
trans-1,2-Dichloroethene	ug/L (ppb)	50	94	94	76-118	0
1,1-Dichloroethane	ug/L (ppb)	50	98	99	80-110	1
2,2-Dichloropropane	ug/L (ppb)	50	111	112	62-141	1
cis-1,2-Dichloroethene	ug/L (ppb)	50	99	100	81-111	1
Chloroform	ug/L (ppb)	50	96	98	81-100	2
2-Butanone (MEK)	ug/L (ppb)	250	116	117	63-140	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	104	107	79-100	3
1,1,1-Trichloroethane	ug/L (ppb)	50	98	96	80-116	2
1,1-Dichloropropene	ug/L (ppb)	50	97	99	78-112	2
Carbon tetrachloride	ug/L (ppb)	50	100	104	72-128	2
Benzene	ug/L (ppb)	50	94	94	81-108	0
Trichloroethene	ug/L (ppb)	50	93	93	77-108	0
1,2-Dichloropropane	ug/L (ppb)	50	101	101	82-109	3
Bromodichloromethane	ug/L (ppb)	50	103	100	76-120	3
Dibromomethane	ug/L (ppb)	50	106	100	80-110	3
4-Methyl-2-pentanone	ug/L (ppb)	250	124	131	59-142	5
cis-1,3-Dichloropropene	ug/L (ppb)	50	111	116	76-128	4
Toluene	ug/L (ppb)	50	93	92	83-108	1
trans-1,3-Dichloropropene	ug/L (ppb)	50	106	100	76-128	3
1,1,2-Trichloroethane	ug/L (ppb)	50	101	101	82-110	3
2-Hexanone	ug/L (ppb)	250	109	114	63-145	4
1,3-Dichloropropane	ug/L (ppb)	50	98	102	83-110	4
Tetrachloroethene	ug/L (ppb)	50	86	84	78-100	2
Dibromochloromethane	ug/L (ppb)	50	97	100	63-140	3
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	99	103	85-113	4
Chlorobenzene	ug/L (ppb)	50	95	96	84-108	1
Ethylbenzene	ug/L (ppb)	50	88	86	84-110	2
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	101	101	76-125	0
m,p-Xylene	ug/L (ppb)	100	89	88	84-112	1
o-Xylene	ug/L (ppb)	50	92	92	82-113	0
Styrene	ug/L (ppb)	50	94	95	84-116	1
Isopropylbenzene	ug/L (ppb)	50	91	89	81-122	2
Bromoform	ug/L (ppb)	50	98	101	40-101	3
n-Propylbenzene	ug/L (ppb)	50	89	86	81-115	3
Bromobenzene	ug/L (ppb)	50	92	91	80-113	1
1,3,5-Trimethylbenzene	ug/L (ppb)	50	91	90	83-117	1
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	95	96	79-118	1
1,2,3-Trichloropropane	ug/L (ppb)	50	91	92	74-118	1
2-Chlorotoluene	ug/L (ppb)	50	85	84	79-112	1
4-Chlorotoluene	ug/L (ppb)	50	87	86	81-113	1
tert-Butylbenzene	ug/L (ppb)	50	90	88	81-119	2
1,2,4-Trimethylbenzene	ug/L (ppb)	50	94	92	83-116	2
sec-Butylbenzene	ug/L (ppb)	50	88	86	83-116	2
p-Isopropyltoluene	ug/L (ppb)	50	92	90	82-119	2
1,3-Dichlorobenzene	ug/L (ppb)	50	92	92	83-111	0
1,4-Dichlorobenzene	ug/L (ppb)	50	91	91	82-109	0
1,2-Dichlorobenzene	ug/L (ppb)	50	94	95	83-111	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	115	110	62-133	1
1,2,4-Trichlorobenzene	ug/L (ppb)	50	108	112	77-117	4
Hexachlorobutadiene	ug/L (ppb)	50	105	107	74-118	2
Naphthalene	ug/L (ppb)	50	115	121	76-131	5
1,2,3-Trichlorobenzene	ug/L (ppb)	50	116 vo	122 vo	82-115	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

312348

SAMPLE CHAIN OF CUSTODY

MS 12/20/13 VS3/DOY/VS

Send Report To Lannie Smith
Company AESI
Address 1552 Commerce St. Suite 102
City, State, ZIP Tacoma WA 98402
Phone # (253) 722-2992 Fax # (253) 722-2993

SAMPLERS (signature) Emily Crossman
PROJECT NAME/NO. TV130509B
PO#
REMARKS
* silica gel on all * - per LS 12/20/13
* - Follow-up Hc ID Interpretation

Page # 1 of 1

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HC ID						Notes
EB1 2.5-3.5'	01 A-E	12/19/13	0758	soil	5			X				X						X - per LS 12/20/13 MC
EB1 GW	02		0800	water	5		X	X										
EB1 4-5'	03		0810	soil	5													X - per EC 12/20/13 MC.
EB1 9.5-10'	04		0815	soil	5			X				X						
EB2 4-5'	05		0835	soil	5													
EB2 6-7'	06		0840	soil	5													
EB2 GW	07		0840	water	5		X	X										
EB2 8.5'	08		0845	soil	1			X				X						
EB2 9.5-10'	09 A-D		0845	soil	4													
EB3 4-5'	10 A-E		0930	soil	5			X				X						

Samples received at 1.0 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emily Crossman	Emily Crossman	AESI	12/20/13	0900
Received by: [illegible]	Ken Dawson	Postel Exp	12-20-13	0900
Relinquished by:				
Received by: [illegible]	Nhan Phan	F&BI	12/20/13	1000

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
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SAMPLE CHAIN OF CUSTODY

ME 12/20/13 VSJ/Boyd VS

Send Report To Jamie Smith
Company AESI
Address
City, State, ZIP Tacoma WA 98402
Phone # Fax #

SAMPLERS (Signature) Emily Cressman
PROJECT NAME/NO. TVB050913
PO#
REMARKS

Page 1 of 6

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	Total Pb						Notes
EB3 GW	11 AE	12/17/13	0935	water	5	X	X	X										
EB3 9-10'	12		0940	soil	5													
EB3 6-7'	13		0944	soil	5													
EB3 8-9'	14		0953	soil	1													
EB3 7-7.5	15		0955	soil	1													
EB4 2.5-3.5	16 AE		1010	soil	5													
EB4 GW	17		1015	water	5	X	X	X										
EB4 3.5-4'	18		1017	soil	5													
EB4 4-5'	19		1025	soil	5	X	X	X				X						
EB4 6.5-7.5'	20		1031	soil	5	X	X	X										

Samples received at 1.4°

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Emily Cressman	Emily Cressman	AESI	12/20/13	0900
Received by:	[illegible]	Ken Dawson	Postal Express	12-20-13	9:00
Relinquished by:					
Received by:	[illegible]	Nhan Phan	FeBI	12/20/13	1000

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SAMPLE CHAIN OF CUSTODY

ME 12/20/13 V33/D04/V.

Page # 3 of 6

Send Report To Lannie Smith
Company AESI
Address
City, State, ZIP Tacoma WA 98402
Phone # Fax #

SAMPLERS (signature) Emily Cressman
PROJECT NAME/NO. TV13050913
PO#
REMARKS

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Total Pb						Notes
EB4 8-9'	21	12/19/13	1036	soil	5													
EB4 9-10'	22		1045	soil	5													
EB5 3-4'	23		1107	soil	5													
EB5 4-5'	24		1111	soil	5	X	X	X										
EB5 5.5-6.5'	25		1116	soil	5	X	X	X				X						
EB5 6.5-7.5'	26		1120	soil	5	X	X	X										
EB5 9-10'	27		1125	soil	5			X										
EB5 GW	28		1130	water	5	X	X		X									
EB6 3-4'	29		1205	soil	5													
EB6 4-5'	30		1210	soil	5													

Samples received at 1 °C

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Emily Cressman	Emily Cressman	AESI	12/20/13	0900
Received by:	[illegible]	Ken Dawson	Postal Exp	12-20-13	0900
Relinquished by:					
Received by:	[illegible]	Nhan Phan	FeBI	12/20/13	1000

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SAMPLE CHAIN OF CUSTODY

MG 12/20/13 4 VS3/004/VB

Page # 4 of 6

Send Report To Lannie Smith
Company AESI
Address
City, State, ZIP Tacoma WA 98402
Phone # Fax #

SAMPLERS (signature): Emily Cressman
PROJECT NAME/NO.: TV130509B
PO#
REMARKS

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Total Pb						Notes
EB6 6-7'	31 A-E	12/19/13	1223	soil	5													
EB6 7-7.5'	32		1227	soil	5	X	X	X				X						
EB6 7.5-8'	33		1231	soil	5													
EB6 9.5-10'	34		1234	soil	5	X	X	X										
EB6 10-11'	35		1238	soil	5			X										
EB6 GW	36		1244	Water	5	X	X		X									
EB7 3.5-4'	37		1314	soil	5													
EB7 4-5'	38		1318	soil	5													
EB7 5.5-6'	39 A-B		1321	soil	2	X	X	X										
EB7 GW	40 A-E		1325	Water	5	X	X		X									

Samples received at 1 °C

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Seattle, WA 98119-2029
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Fax (206) 283-5044
www.friedmanandbruya.com

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emily Cressman	Emily Cressman	AESI	12/20/13	0900
Received by: [illegible]	Nhan Phan	FEBT	12/20/13	1000
Relinquished by:				
Received by:				

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SAMPLE CHAIN OF CUSTODY

ME 12/20/13 · VS3/D04/05

Page # 5 of 6

Send Report To Lannie Smith

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Address

City, State, ZIP Tacoma WA 98402

Phone # Fax #

SAMPLERS (Signature) Emily Crossman

PROJECT NAME/NO. TVB050913

PO#

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	Hc ID						Notes
EB8 4-5'	41 A-E	12/19/13	1414	soil	5			X				X						
EB8 8-9'	42		1417	soil	5			X				X						
EB8 9-10'	43		1421	soil	5													
EB8 GW	44		1425	water	5	X	X	X										
EB9 3-4'	45		1516	soil	5		X	X										
EB9 4.5-5'	46		1520	soil	5													
EB9 5.5-6.5'	47		1525	soil	5													
EB9 7-7.5'	48		1530	soil	5													
EB9 7.5-8'	49		1533	soil	5													
EB9 9-10'	50		1536	soil	5													

Samples received at 1 °C

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Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emily Crossman	Emily Crossman	AESI	12/20/13	0900
Received by:	Ken Dawson	Postal Express	12-20-13	0900
Relinquished by:				
Received by:	Nhan Phan	FEBI	12/20/13	1000

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SAMPLE CHAIN OF CUSTODY

HE 12/20/13 VS3/DP4/VS

Send Report To Lannie Smith

Company AESI

Address

City, State, ZIP Tacoma WA 98402

Phone # Fax #

SAMPLERS (Signature) Emily Crossman

PROJECT NAME/NO. TM8080913

PO#

REMARKS

Page # 6 of 6

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
EB 9 2-3'	51	12/19/13	1540	soil	5													
EB 10 4-4.5'	52		1621	soil	5	X	X	X										
EB 10 7.5-8.5'	53		1624	soil	5													
EB 10 9-10'	54		1628	soil	5													
EB 10 GW	55		1630	water	5	X	X	X										
EB9_GW	56	12/19/13	1545	water	5		X	X										(AD) 12/20/13 Added at lab

Samples shelved at

Friedman & Bruya, Inc.
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Seattle, WA 98119-2029
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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Emily Crossman	Emily Crossman	AESI	12/20/13	0900
Received by:		Ken Davran	Postal Express	12/20/13	0900
Relinquished by:					
Received by:		Nhan Phan	FEBI	12/20/13	1000

APPENDIX B

Exploration Logs

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-1	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). EB1-2.5-3.5 PID = 0.0 ppm					
5				Becomes fine to medium silty SAND, with fine to coarse gravel; no odor (SM). EB1-4-5 PID = 0.0 ppm					
						▼			
10				Slightly moist, brown, fine to coarse silty SAND, few fine to coarse gravel; no odor (SM). EB1-9.5-10 PID = 0.1 ppm					
				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ∇ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-2	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). PID = 0.1 ppm					
				Slightly moist, blue and gray, fine to medium SAND, little fine to coarse gravel; slight organic odor (SW). PID = 0.1 ppm					
5				Grades to moist. EB2-4-5 PID = 0.1 ppm					
				Moist, gray, fine to coarse sandy SILT, trace fine gravel (ML). EB2-6-7 PID = 0.1 ppm		▼			
				Grades to very moist, brown, fine SILT; organic odor (ML).					
				EB2-8.5 PID = 0.1 ppm					
				Moist, dark brown, fine to medium SAND; organic odor (SP). EB2-9.5-10 PID = 0.1 ppm					
10				Bottom of exploration boring at 10 feet					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ▽ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 20, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-3	1 of 1

Project Name: Freddie's Casing
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to medium gravel; organic odor (SM). PID = 0.4 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML). EB3-4-5 PID = 0.4 ppm					
5				PID = 0.4 ppm Very moist, brown, fine to medium sand, SILT; organic odor (ML) PID = 0.1 ppm					
				EB3-6-7 PID = 0.1 ppm					
				Very moist, brown, fine silty SAND; organic odor (SM). EB3-7-7.5 PID = 0.1 ppm					
				Very moist, brown, fine SILT; organic odor (ML). PID = 0.1 ppm EB3-8-9 PID = 0.1 ppm					
				EB3-9-10 PID = 0.1 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-4	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	~ft	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). EB4-2.5-3 PID = 4.9 ppm					
				Slightly moist, dark brown, fine SILT; petroleum odor (ML). EB4-3.5-4 PID = 84.3 ppm		▼			
				Moist, dark brown, fine SILT (ML). EB4-4-5 PID = 86.9 ppm					
5				Very moist, brown, fine sandy SILT; petroleum odor (SW). PID = 5.2 ppm					
				Grades to moist; slight petroleum odor. EB4-6.5-7.5 PID = 0.5 ppm					
				Organic odor. EB4-8-9 PID = 0.5 ppm					
10				Organic odor. EB4-9-10 PID = 0.6 ppm					
				Bottom of exploration boring at 10 feet. Ground water has slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
▽ Water Level ()
▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 1305098.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-5	1 of 1

Project Name: Freddie's Casing
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13 12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, grey and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). PID = 6.2 ppm EB5-3-4 PID = 11.1 ppm					
				Slightly moist, brown, fine SILT; petroleum odor (ML). EB5-4-5 PID = 138 ppm		▼			
5									
				Very moist, brown, fine sandy SILT; petroleum odor (ML). EB5-5.5-6.5 PID = 184 ppm					
				Organic odor. EB5-6.5-7.5 PID = 3.4 ppm PID = 4.1 ppm Organic odor.					
				PID = 0.7 ppm Moist, brown, fine SILT; organic odor (ML). EB5-9-10 PID = 0.7 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-6	1 of 1

Project Name	Freddie's Casino	Ground Surface Elevation (ft)	
Location	Fife, WA	Datum	N/A
Driller/Equipment	ESN / Direct Push / Geoprobe	Date Start/Finish	12/19/13,12/19/13
Hammer Weight/Drop	N/A	Hole Diameter (in)	2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, little fine to coarse gravel; slight petroleum odor (SM). EB6-3-4 PID = 3.9 ppm					
				Grades to brown.					
5				Grades to blue and gray. EB6-4-5 PID = 1.2 ppm		▼			
				Slightly moist, bray and blue, fine to medium silty SAND, few fine to coarse gravel; petroleum odor (SM). EB6-6-7 PID = 103 ppm					
				EB6-7-7.5 PID = 43.8 ppm					
				Moist, brown, fine SILT; petroleum odor (ML). EB6-7.5-8 PID = 5.5 ppm					
				Organic odor.					
				PID = 12.2 ppm					
10				EB6-9.5-10 PID = 5.8 ppm Wet, dark brown, fine SILT; slight petroleum odor (ML) EB6-10-11 PID = 0.6 ppm					
15				Bottom of exploration boring at 15 feet Standing water in 10 to 15 foot sleeve has sheen. Backfilled with bentonite.					

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-7	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, few fine gravel; no odor (SM). EB7-3.5-4 PID = 2.5 ppm EB7-4-5 PID = 1.9 ppm					
5				Slightly moist, gray, fine SILT; slight petroleum odor (ML). EB7-5.5-6 PID = 2.5 ppm		▼			
10				Bottom of exploration boring at 10 feet Water has a slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 20, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-8	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND; no odor (SM). PID = 0.0 ppm EB8-4-5 PID = 0.0 ppm					
5						▼			
				Moist, dark brown, fine SILT; organic odor (ML). EB8-8-9 PID = 0.0 ppm					
				Becomes slightly moist. PID = 0.0 ppm EB8-9-10 PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBDR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-9	1 of 1

Project Name	Freddie's Casino	Ground Surface Elevation (ft)	
Location	Fife, WA	Datum	N/A
Driller/Equipment	ESN / Direct Push / Geoprobe	Date Start/Finish	12/19/13,12/19/13
Hammer Weight/Drop	N/A	Hole Diameter (in)	2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, trace fine gravel; no odor (SM).					
				EB9-2-3 PID = 0.0 ppm					
				Slightly moist, gray and blue, fine to coarse silty SAND, little fine gravel; petroleum odor (SM).					
				EB9-3-4 PID = 0.4 ppm					
				PID = 0.0 ppm					
				Slightly moist, dark brown, fine SILT; organic odor (ML).					
5				EB9-4.5-5 PID = 0.0 ppm		▼			
				Slightly moist, gray, fine SILT; organic odor (ML).					
				EB9-5.5-6.5 PID = 0.0 ppm					
				Becomes moist.					
				PID = 0.0 ppm					
				EB9-7-7.5 PID = 0.0 ppm					
				Very moist, dark brown, fine SAND; organic odor (SW).					
				EB9-7.5-8 PID = 0.0 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML).					
				EB9-9-10 PID = 0.0 ppm					
				Organic odor.					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 1305098.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-10	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to medium silty SAND, few fine gravel; slight petroleum odor (SM). EB10-4-4.5 PID = 20.0 ppm PID = 12.0 ppm					
5						▼			
				Slightly moist, gray, fine SILT; no odor (ML). EB10-7.5-8.5 PID = 0.0 ppm PID = 0.0 ppm EB10-9-10 PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ∇ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 20, 2014

Oct 06 00 12:37p p.1

2026

Post-it® Fax Note 7671	Date 10/5/00	# of pages ▸ 4
To Einar Gunderson	From David Dinkum	
Co./Dept. Amer. Eng.	Co. Krazan	
Phone #	Phone #	
Fax #	Fax #	

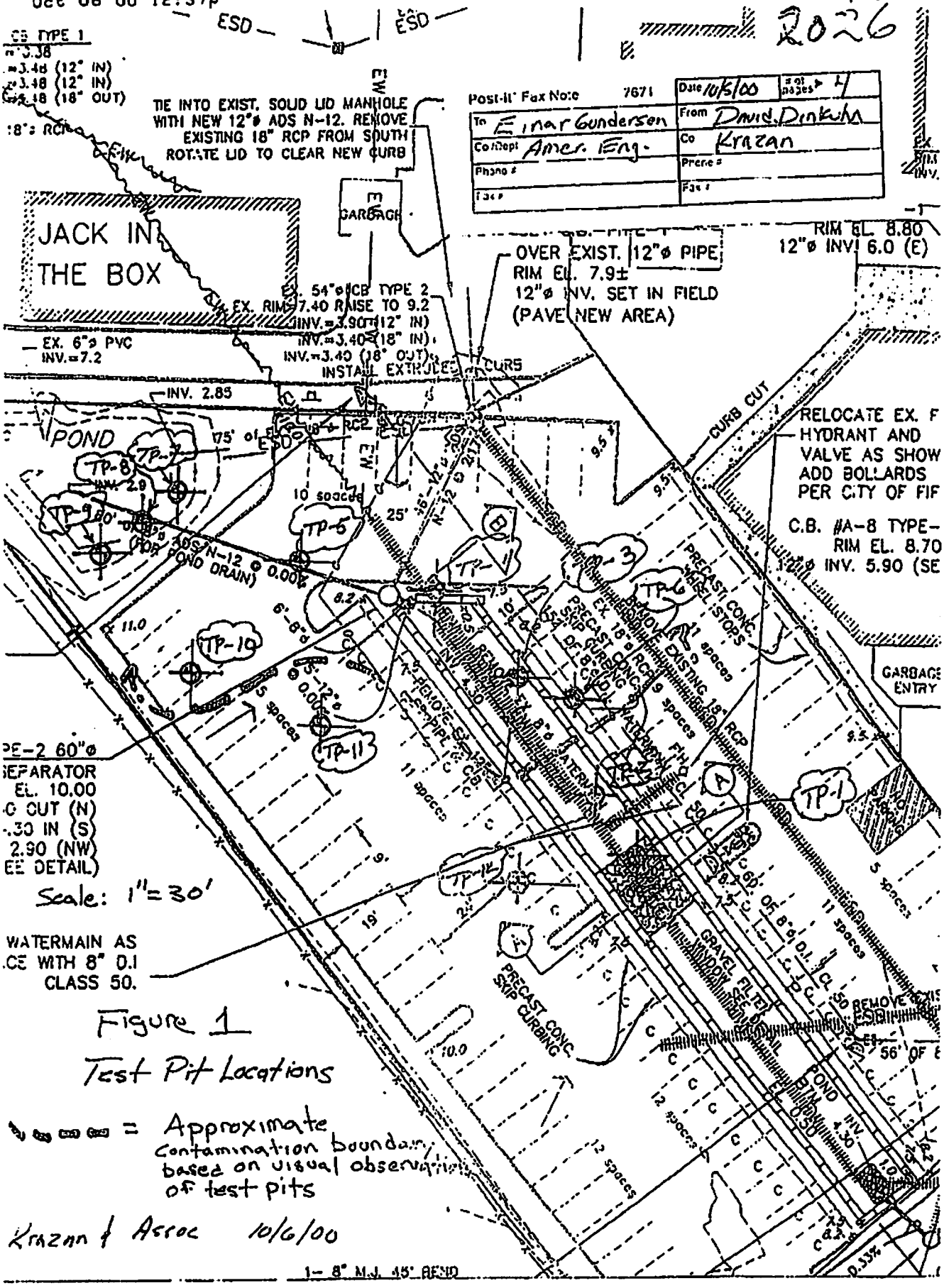

Figure 1

Test Pit Locations

= Approximate contamination boundary based on visual observation of test pits

Krazan & Assoc 10/6/00

Freddies Club Casino
Krazan & Associates

DLD 10/6/00 1/3
066-00148

Test Pit Logs

TP-1:	0'-3'	Gray sandy gravel; no odor
	3'-6'	Gray, clayey silt; no odor, no
	Bop@6'	groundwater observed.
TP-2:	0'-4'	Sandy gravel; no odor
	4'-8'	Brown clayey silt; no odor, groundwater
	Bop@8'	seepage observed from 6' to 7' in depth.
TP-3:	0'-8'	Gray, sandy gravel; strong gasoline odor,
	Bop@8'	no groundwater observed, heavy caving to 6'.
TP-4:	0'-10'	Gray, sandy gravel; strong gasoline
	Bop@10'	odor throughout, no groundwater observed due to heavy caving to 6', soil from bottom of pit appeared wet.
TP-5:	0'-3'	Gray, sandy gravel; strong gas odor
	3'-5'	Brown, silty sand; strong gas odor,
	Bop@5'	no groundwater observed.
TP-6:	0'-4'	Gray/brown, sandy gravel; moderate gas odor
	4'-5'	Brown silty sand; mild gas odor, no
	Bop@5'	ground water observed.

TP-7:	0'-4'	Gray, silty sand, strong gas odor
	BOP@4'	to 3', becomes slight odor at 4',
		no ground water observed

TP-8:	0'-3'	Gray, sandy silt; strong gas odor
		to 2', mild odor to 3'
	3'-3.5'	Gray, fine to med. sand; slight gas odor,
	BOP@3.5'	ground water seeping in from 3' (Sheen)

TP-9:	0'-1'	Gray silt; med. gas odor
	1'-3'	Gray, clayey silt, slight gas odor
	3'-4'	Gray, medium sand, no gas odor,
	BOP@4'	groundwater seeping in from 3' (sheen)

TP-10	0'-3'	Brown sandy gravel; no odor
	3'-4'	Gray sandy gravel; slight gas odor
	4'-12'	Gray, fine sandy silt; slight to no
	BOP@12'	gas odor, after sitting open ~1 hour,
		slight wetting of side wall observed at
		10'

TP-11:	0-3'	Brown sandy gravel; no odor
	3'-4'	Gray sandy gravel; no odor
	4'-8'	Gray, fine sandy silt, no odor
	8'-10'	Gray, fine to med sand; no odor,
	BOP@10'	groundwater observed at 8.5' (no sheen)

TP-12: 0'-3' Brown sandy gravel, no odor
3'-4' Gray sandy gravel; no odor
4'-9' Gray, fine sandy silt, no odor
9'-10' Gray, fine to med. sand; no odor,
Bop@10' no groundwater observed but sand @ bottom appeared wet.

Widener & Associates Transportation & Environmental Planning

DGK Inc. 1902 120th Place SE Suite 202 Everett, WA 98208-9262 Tel (425)-332-3961

October 18, 2018

Stacie Kelsey
WSDOT Local Programs
Olympic Region
PO Box 47440
Olympia, WA 98504-7440

Contaminated Soils Removal
I-5 / Port of Tacoma Road Interchange Improvements
City of Fife

Dear Stacie,

On the I-5 / Port of Tacoma Rd. Interchange Improvements project site concentrations of contaminated soil above MTCA cleanup levels within a biofiltration swale/regulated wetland running along the northwest side of the I-5 South off ramp ditch, were found. The location of contamination is part of a biofiltration swale which dates back to the original Port of Tacoma Rd. interchange construction. The biofiltration swale is also in a wetland as of a November 10, 2008 WSDOT prepared wetland delineation, a delineation which has also been reconfirmed by Widener & Associates as of April 2016. The biofiltration swale/wetland was designed to treat stormwater runoff from the southbound I-5 prior to discharge from the highway right of way. Currently the biofiltration swale/wetland is regulated by Ecology and the U.S. Army Corp. Of the seven institute soil samples taken from the area on August 8, 2018, five of the results came back with high levels of diesel range organics and heavy oil. While this area does have soil sample concentrations below the MTCA Method A cleanup level, the five adjacent samples show levels above the 2000 mg/kg diesel range organics and heavy oils Method A clean up level for unrestricted land uses as listed in the MTCA Table 740-1. Therefore, on August 29, 2018, the Tacoma-Pierce County Health Department permitted the excavation and hauling of 1000 cubic tons of contaminated material to the LRI Landfill in Eatonville, WA (See Appendix A for WDA Authorization and Application Packet).

On August 23, 2018 the boundaries of contamination were staked out in the field and on September 18, 2018, excavation and hauling of the contaminated material began. A representative from Widener & Associates who is familiar with petroleum contamination was on-site during excavation activities. All soils showing visual or olfactory cues indicating potential petroleum contamination were pointed out to the contractor, excavated and hauled off to the LRI Landfill by Tunisia trucking.

Photo 1: Staking locations of contaminated soil boundaries.

Photo 2: Excavation of contaminated soil from the biofiltration swale/regulated wetland along the I-5 South off ramp.

After contaminated soil was excavated, approximately three to four feet down and removed, five additional soil samples were taken to verify that all contaminated material was hauled off. See Appendix B for the full-size non-detect soil sample locations map along with the Spectra report of the test results. These five soil samples were only analyzed for diesel range organics and heavy oil since these were the analysis which

originally tested above MTCA Method A cleanup standards (See Table 1 for summary of all the test result data). Photo 3 provides a location map for both sets of soil samples. The contaminated samples testing above MTCA Method A clean up standards and the second set of samples taken after the contaminated soil was removed.

Table 1: Soil Sample Test Results of Remaining Soil After Excavation of Contaminated Soil

Analyte	ED Clean 1	ED Clean 2	ED Clean 3	ED Clean 4	ED Clean 5
Diesel	<10 mg/Kg	<10 mg/Kg	<10 mg/Kg	<10 mg/Kg	<10 mg/Kg
Oil	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg
Gasoline	<5 mg/Kg	<5 mg/Kg	<5 mg/Kg	<5 mg/Kg	<5 mg/Kg
HCID- Oil	<100 mg/Kg	<100 mg/Kg	<100 mg/Kg	<100 mg/Kg	<100 mg/Kg
HICD-Diesel	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg

Photo 3: Soil sample locations for contaminated soils tested before and after removal.

The remaining exposed soils within the biofiltration swale/wetland were then covered with two to three feet of quarry spalls, for final stabilization and erosion control over the winter.

Photo 4: Backfilling the excavated contamination areas with quarry spalls.

Based on the best professional judgement of Widener and Associates, this memorandum documents the appropriate level of clean up necessary to have reasonably mitigated for the contamination found within the project site. If any additional information is needed please contact Jordan Widener at (510) 725-2291.

Sincerely,

Jordan Widener
Widener & Associates

Appendix A – WDA Authorization and Application Packet

$165.00

Tacoma - Pierce County
Health Department
Healthy People in Healthy Communities
www.tpchd.org

No. 2255

WASTE DISPOSAL AUTHORIZATION

(XX) Non-Asbestos (XX) New
( ) Asbestos (PSCAA Case # _____) ( ) Renewal

A. Generator Name: WSDOT– Port of Tacoma Road Project
B. Generator Address: Port of Tacoma Road near I-5 South bound ramp, Fife, WA
C. Transporter Name: Tunista
D. Technical Contact: Jordan Widener, Widener & Associates Phone: 510-725-2291
E. Waste Description: Petroleum Contaminated Soil
( ) Sludge (XX) Solid (XX) PCS ( ) Other
F. Authorized Quantity: **1000 Tons**
G. **Actual Quantity (Filled in upon disposal):** _____
H. Multiple Loads: (XX) Yes ( ) No
I. Dates of Disposal: August 28, 2018 through December 31, 2018
J. Testing: TPH; VOC's, Semi VOC's, TCLP & Total Metals; PCB's; pH; paint filter test
K. Reviewed by Department of Ecology: ( ) Yes (XX) No
L. Disposal/Transportation Requirements: **A copy of this WDA must be transported with EACH load of waste and presented to the LRI Landfill Scalehouse Operator. Soils that are not suitable for use as daily cover and shall be directly buried (disposed of) in the landfill. Loads shall be covered during transport to the landfill to prevent fugitive emissions of contaminated soils. Load sizes shall comply with conditional-use and solid waste permit criteria.**
M. Facility: (XX) **LRI Landfill (304th Street LF), 30919 Meridian Street, Eatonville, WA**

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

08/29/18 Technical Contact
Date Title Signature

APPROVED

AUTHORIZED BY:

Dan Watts

Dan Watts, TPCHD 253-798-3512

AUG 28 2018

TACOMA-PIERCE COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH DIV.
For Official Use Only

Cc. LRI LF Scalehouse via Fax – 253 875 7205

Waste Disposal Authorization Application

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

We require the information below to determine if this waste is acceptable for disposal at the City of Tacoma Landfill, the LRI Landfill, the Wm Dickson Waller Road Landfill, or other permitted solid waste facilities. It is unlikely that you will be able to respond in the space provided. Feel free to modify the format or address the information on additional pages. Include all the information requested below and email, fax or mail to:

Date 08/27/18	Email ehsolidwaste@tpchd.org Fax (253) 798-6498 Tacoma-Pierce County Health Department 3629 South D Street MS 1045 Waste Management Tacoma, WA 98418-6813
Site/Generator Name Port of Tacoma Road Interchange Project / WSDOT	
Site Owner Name WSDOT	

Describe the location where the waste originated (site address, physical location, company name, project name, etc.)

The contaminated sediment is from a section of a biofiltration swale/regulated wetland, along the I-5 south bond off ramp adjacent to Jack-in-the Box along Pacific Hwy E

Transporter Name

Tunista

Technical Contact/Consultant Name

Jordan Widener

Proposed Solid Waste Disposal/Treatment Facility

LRI Landfill

Describe the site history (if applicable).

The site is part of a biofiltration swale which dates back to the original Interchange construction. The biofiltration swale is also in a wetland as of a Nov. 10th, 2008 WSDOT prepared wetland delineation, a delineation which has also been reconfirmed by Widener & Associates as of April, 2016. The biofiltration swale/wetland was designed to treat stormwater runoff from southbound I-5 prior to discharge from the highway right of way. Currently the biofiltration swale/wetland is regulated by Ecology and the U.S. Army Corp.

Describe the source of the waste, or how the waste is generated.

The source of the waste sediment is from a engineered biofiltration swale, which has also been classified as a wetland as of a Nov. 10th, 2008 WSDOT prepared wetland delineation. This delineation was reconfirmed by Widener & Associates April of 2016. Sediments from the biofiltration swale/wetland which have trapped contaminates, are being removed to decommission a portion of the biofiltration swale and replace it with a culverted conveyance to accommodate interchange reconstruction.

Projected Quantity or Volume of Waste (tons or cubic yards generated per month, quarter, year, once, etc.)

One time disposal of 500 or less cubic yards of soils.

Describe the sampling method(s) and/or submit a sampling plan.

Institute samples were taken according to the number of samples recommended by the table found in the WDA Required Analysis/Analysis Conducted form. See attached PDF graphics which provide an areal view of the sampled locations which tested below MTCA clean up standards and the samples which tested above MTCA clean up standards.

Waste Disposal Authorization Application

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

Describe and justify the number of samples per volume of waste. It is the number of samples dictated by the volume of waste found in the table on the WDA Required Analysis/Analysis Conducted form.
Describe and justify the parameters selected for analysis. It is the analysis listed on the WDA Required Analysis/Analysis Conducted form.

Please attach or enclose:

- analytical results
- chain of custody forms
- a sampling plan
- any other documents relevant to the review of the site, facility and/or waste being characterized

By my signature below, I certify that the information presented in this application is true and complete to the best of my knowledge.

Applicant Name Jordan Widener	**Applicant Title** Environmental Consultant
Applicant Signature 	**Date** 08/21/18
Company Name Widener & Associates	**Company Address** 1902 120th Pl SE, Everett, WA 98208
Phone Number 510-725-2291	**Fax Number**
Email Address jordancw@prodigy.net	

Waste Disposal Authorization
Required Analysis/Analysis Conducted

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

Date _08/21/18___ Site/Generator Name __Port of Tacoma Road Interchange Project / WSDOT_

Description of Waste ___Soil Matrix_____

Analytical results must be submitted to Tacoma-Pierce County Health Department's Waste Management Program prior to disposal of waste at a permitted solid waste facility located in Pierce County. The number of samples is dictated by the volume of waste and can be found in the table below.

VOLUME (cubic yards)	NUMBER OF SAMPLES
0 - 25	2
26 – 100	3
101 – 500	5
501 - 1000	7
1001 – 2000	10
One (1) additional sample for every 500 cubic yards of material over 2000 cubic yards.	

The parameter(s) and analytical method(s) indicated below are required.

PARAMETER	ANALYTICAL METHOD	YES/NO	SAMPLE TYPE
Total Metals (RCRA 8)	EPA #6010	Yes	soil
TCLP Metals (RCRA 8)	EPA #1311/6010	Yes	soil
Total Petroleum Hydrocarbons	WTPH-HCID, WTPH-G, WTPH-D, WTPH-418.1 Modified, WTPH-G or WTPH-D Extended	Yes	soil
Volatile Organics	EPA #8010 (Halogenated), 8020 (BTEX), 8240	Yes	soil
Semi-volatile Organics	EPA #8270, 8310 (PAH's)	Yes	soil
PCB's	EPA #8080, 8140	Yes	soil
TCLP Volatiles & Semi		No	
Paint Filter Test	EPA #9095	Yes	soil
pH	EPA #9040, 9045 (soil)	Yes	soil

Forward analytical results to:

Tacoma-Pierce County Health Department
Waste Management Program
3629 South D Street MS 1045
Tacoma, WA 98418

Email ehsolidwaste@tpchd.org
Fax (253) 798-6498

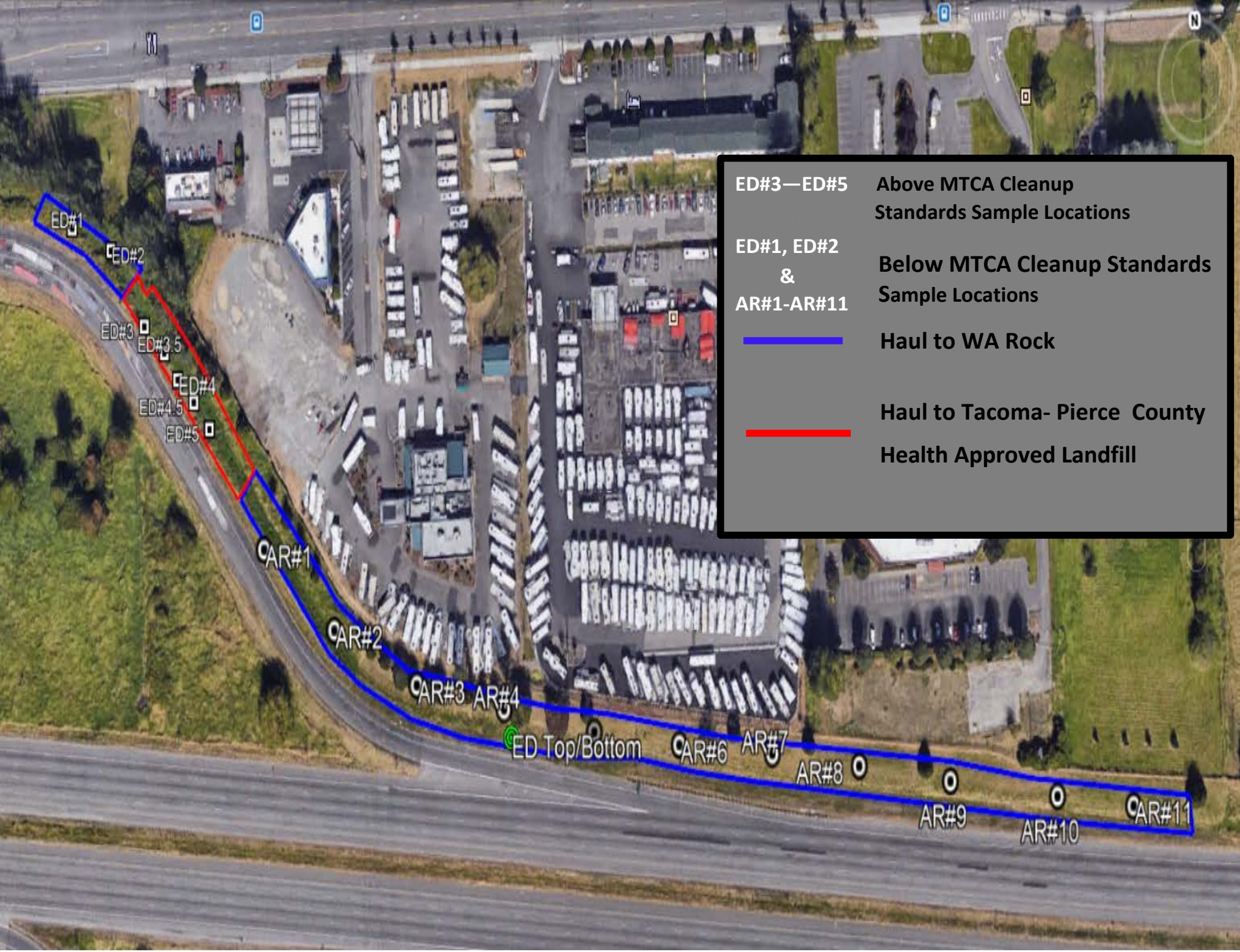
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ED#2
ED#3
ED#3.5
ED#4
ED#4.5
ED#5
AR#1
AR#2
AR#3
AR#4
ED Top/Bottom
AR#6
AR#7
AR#8
AR#9
AR#10
AR#11
ED#3—ED#5
Above MTCA Cleanup Standards Sample Locations
ED#1, ED#2 & AR#1-AR#11
Below MTCA Cleanup Standards Sample Locations
Haul to WA Rock
Haul to Tacoma- Pierce County Health Approved Landfill

Diesel and Heavy Oil Test Results & Sample Locations

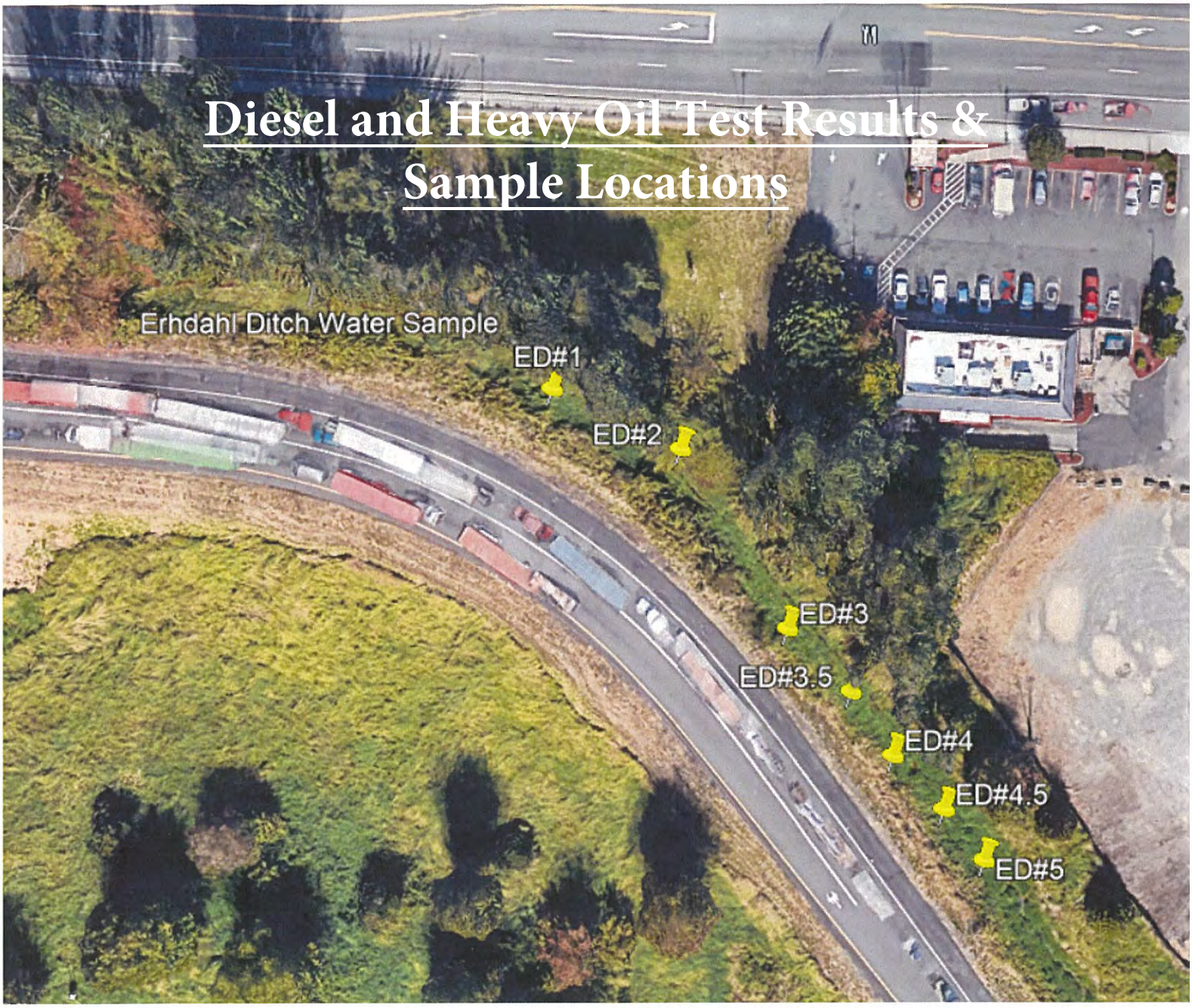

ED#1 — Diesel: 41.3 Heavy Oil: 861

ED#2 — Diesel: 117 Heavy Oil: 1,830

ED#3 — Diesel: 1,690 Heavy Oil: 11,000

ED#3.5 — Diesel: 49.5 Heavy Oil: 439

ED#4 — Diesel: 576 Heavy Oil: 6,500

ED#4.5 — Diesel: 474 Heavy Oil: 4,740

ED#5 — Diesel: 51.3 Heavy Oil: 2,620

Parts Per Million

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Widener & Associates
Jordan Widener
10108 32nd Ave W
Everett, WA 98204

RE: POT Rd. Interchange
Work Order Number: 1808113

August 20, 2018

Attention Jordan Widener:

Fremont Analytical, Inc. received 8 sample(s) on 8/9/2018 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Mercury (SW7470) with TCLP Extraction (EPA 1311)
Mercury by EPA Method 7471
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)
Paint Filter by EPA Method 9095B
pH by EPA Method 9045
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Semi-Volatile Organic Compounds by EPA Method 8270
SVOC (SW8270) with TCLP Extraction (EPA 1311)
Total Metals by EPA Method 6020
Volatile Organic Compounds by EPA Method 8260C
Volatile Organic Compounds by SW8260/TCLP ZHE

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

DoD/ELAP Certification #L17-135, ISO/IEC 17025:2005
ORELAP Certification: WA 100009-007 (NELAP Recognized)

Chelsea Ward
Project Manager

Date: *08/20/2018*

CLIENT: Widener & Associates
Project: POT Rd. Interchange
Work Order: 1808113

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1808113-001	ED #1	08/09/2018 9:02 AM	08/09/2018 3:31 PM
1808113-002	ED #2	08/09/2018 9:20 AM	08/09/2018 3:31 PM
1808113-003	ED #3	08/09/2018 9:28 AM	08/09/2018 3:31 PM
1808113-004	ED #3.5	08/09/2018 10:17 AM	08/09/2018 3:31 PM
1808113-005	ED #4	08/09/2018 9:33 AM	08/09/2018 3:31 PM
1808113-006	ED #4.5	08/09/2018 10:11 AM	08/09/2018 3:31 PM
1808113-007	ED #5	08/09/2018 10:05 AM	08/09/2018 3:31 PM
1808113-008	Trip Blank	08/08/2018 5:44 PM	08/09/2018 3:31 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1808113**

Date: **8/20/2018**

CLIENT: Widener & Associates

Project: POT Rd. Interchange

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-002A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-002A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-001A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-001A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-003A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-003A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-004A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-004A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-005A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-005A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-006A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-006A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-007A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-007A) required Florisil Cleanup Procedure (Using Method No 3620C).

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1221	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1232	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1242	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1248	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1254	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1260	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1262	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1268	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Total PCBs	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Surr: Decachlorobiphenyl	94.1	30.8 - 168		%Rec	1	8/10/2018 7:06:36 PM
Surr: Tetrachloro-m-xylene	79.2	30.3 - 157		%Rec	1	8/10/2018 7:06:36 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	36.3		mg/Kg-dry	1	8/11/2018 1:17:05 AM
Diesel Range Organics (C12-C24)	41.3	36.3		mg/Kg-dry	1	8/11/2018 1:17:05 AM
Heavy Oil	861	90.6		mg/Kg-dry	1	8/11/2018 1:17:05 AM
Surr: 2-Fluorobiphenyl	70.7	50 - 150		%Rec	1	8/11/2018 1:17:05 AM
Surr: o-Terphenyl	85.1	50 - 150		%Rec	1	8/11/2018 1:17:05 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Bis(2-chloroethyl) ether	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Chlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,3-Dichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,4-Dichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,2-Dichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzyl alcohol	ND	190	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Methylphenol (o-cresol)	ND	190	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachloroethane	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
N-Nitrosodi-n-propylamine	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Nitrobenzene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Isophorone	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
3&4-Methylphenol (m, p-cresol)	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Nitrophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	190	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
Bis(2-chloroethoxy)methane	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4-Dichlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,2,4-Trichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Naphthalene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Chloroaniline	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachlorobutadiene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Chloro-3-methylphenol	ND	379	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Methylnaphthalene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1-Methylnaphthalene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachlorocyclopentadiene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4,6-Trichlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4,5-Trichlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Chloronaphthalene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Nitroaniline	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Acenaphthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Dimethylphthalate	531	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,6-Dinitrotoluene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Acenaphthylene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4-Dinitrophenol	ND	995		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Dibenzofuran	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4-Dinitrotoluene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Nitrophenol	ND	948		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Fluorene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Chlorophenyl phenyl ether	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Diethylphthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4,6-Dinitro-2-methylphenol	ND	379		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Bromophenyl phenyl ether	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Pentachlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Phenanthrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Anthracene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Carbazole	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Di-n-butylphthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Fluoranthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Pyrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Butyl Benzylphthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
bis(2-Ethylhexyl)adipate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benz(a)anthracene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
bis (2-Ethylhexyl) phthalate	380	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Di-n-octyl phthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(b)fluoranthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(k)fluoranthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(a)pyrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Indeno(1,2,3-cd)pyrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Dibenz(a,h)anthracene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(g,h,i)perylene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Surr: 2,4,6-Tribromophenol	121	14.8 - 165		%Rec	1	8/13/2018 3:13:22 PM
Surr: 2-Fluorobiphenyl	75.0	17.8 - 151		%Rec	1	8/13/2018 3:13:22 PM
Surr: Nitrobenzene-d5	70.0	12.5 - 163		%Rec	1	8/13/2018 3:13:22 PM
Surr: Phenol-d6	86.5	11.6 - 133		%Rec	1	8/13/2018 3:13:22 PM
Surr: p-Terphenyl	111	22 - 176		%Rec	1	8/13/2018 3:13:22 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2-Chlorophenol	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
1,3-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
1,4-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
1,2-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Benzyl alcohol	ND	1.01	Q	µg/L	1	8/16/2018 6:08:55 PM
Bis(2-chloroethyl) ether	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2-Methylphenol (o-cresol)	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Hexachloroethane	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
N-Nitrosodi-n-propylamine	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Nitrobenzene	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
Isophorone	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
3&4-Methylphenol (m, p-cresol)	ND	1.01	Q*	µg/L	1	8/16/2018 6:08:55 PM
2-Nitrophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dimethylphenol	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Bis(2-chloroethoxy)methane	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dichlorophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
1,2,4-Trichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Naphthalene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
4-Chloroaniline	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
4-Chloro-3-methylphenol	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
2-Methylnaphthalene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
1-Methylnaphthalene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Hexachlorocyclopentadiene	ND	1.01	Q	µg/L	1	8/16/2018 6:08:55 PM
2,4,6-Trichlorophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2,4,5-Trichlorophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2-Chloronaphthalene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2-Nitroaniline	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
Acenaphthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Dimethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2,6-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Acenaphthylene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dinitrophenol	ND	2.02	Q*	µg/L	1	8/16/2018 6:08:55 PM
Dibenzofuran	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
4-Nitrophenol	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
Fluorene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
4-Chlorophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Diethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
4,6-Dinitro-2-methylphenol	ND	5.05	Q*	µg/L	1	8/16/2018 6:08:55 PM
4-Bromophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Hexachlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Pentachlorophenol	ND	2.02	Q	µg/L	1	8/16/2018 6:08:55 PM
Phenanthrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Anthracene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Carbazole	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
Di-n-butyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Fluoranthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Pyrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzyl Butylphthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
bis(2-Ethylhexyl)adipate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Benz(a)anthracene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Chrysene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Bis(2-ethylhexyl) phthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Di-n-octyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Benzo(b)fluoranthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzo(k)fluoranthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzo(a)pyrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Dibenz(a,h)anthracene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzo(g,h,i)perylene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Surr: 2,4,6-Tribromophenol	125	18 - 139		%Rec	1	8/16/2018 6:08:55 PM
Surr: 2-Fluorobiphenyl	81.8	35 - 136		%Rec	1	8/16/2018 6:08:55 PM
Surr: Nitrobenzene-d5	64.5	34.7 - 136		%Rec	1	8/16/2018 6:08:55 PM
Surr: Phenol-d6	23.0	10 - 103		%Rec	1	8/16/2018 6:08:55 PM
Surr: p-Terphenyl	89.6	23.5 - 156		%Rec	1	8/16/2018 6:08:55 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	6.07		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Surr: Toluene-d8	96.4	65 - 135		%Rec	1	8/11/2018 8:55:39 AM
Surr: 4-Bromofluorobenzene	96.7	65 - 135		%Rec	1	8/11/2018 8:55:39 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chloromethane	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Vinyl chloride	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Bromomethane	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Trichlorofluoromethane (CFC-11)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chloroethane	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1-Dichloroethene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Methylene chloride	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
trans-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1-Dichloroethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
2,2-Dichloropropane	ND	0.121	Q	mg/Kg-dry	1	8/11/2018 8:55:39 AM
cis-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chloroform	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,1-Trichloroethane (TCA)	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1-Dichloropropene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Carbon tetrachloride	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dichloroethane (EDC)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Trichloroethene (TCE)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dichloropropane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Bromodichloromethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Dibromomethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
cis-1,3-Dichloropropene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
trans-1,3-Dichloropropylene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,2-Trichloroethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,3-Dichloropropane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Tetrachloroethene (PCE)	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Dibromochloromethane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dibromoethane (EDB)	ND	0.00607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chlorobenzene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,1,2-Tetrachloroethane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Bromoform	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,2,2-Tetrachloroethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Bromobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
2-Chlorotoluene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
4-Chlorotoluene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2,3-Trichloropropane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2,4-Trichlorobenzene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,3-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,4-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dibromo-3-chloropropane	ND	0.607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Hexachloro-1,3-butadiene	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2,3-Trichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Surr: Dibromofluoromethane	94.2	56.5 - 129		%Rec	1	8/11/2018 8:55:39 AM
Surr: Toluene-d8	90.9	64.5 - 151		%Rec	1	8/11/2018 8:55:39 AM
Surr: 1-Bromo-4-fluorobenzene	95.4	54.8 - 168		%Rec	1	8/11/2018 8:55:39 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 2:27:41 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 2:27:41 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1-Dichloroethane	5.63	10.0	B JD	µg/L	10	8/17/2018 2:27:41 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Toluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 2:27:41 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 2:27:41 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 2:27:41 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 2:27:41 AM
Surr: Dibromofluoromethane	102	33.3 - 161	D	%Rec	10	8/17/2018 2:27:41 AM
Surr: Toluene-d8	107	67.3 - 147	D	%Rec	10	8/17/2018 2:27:41 AM
Surr: 4-Bromofluorobenzene	95.5	59.3 - 164	D	%Rec	10	8/17/2018 2:27:41 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.499		mg/Kg-dry	1	8/10/2018 8:32:08 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 4:42:21 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	15.6	0.376		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Barium	179	0.753		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Cadmium	1.93	0.301		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Chromium	33.0	0.151		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Lead	47.8	0.301		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Selenium	1.29	0.753		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Silver	0.176	0.151		mg/Kg-dry	1	8/10/2018 1:57:36 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 1:37:20 PM
Barium	0.659	0.500		mg/L	1	8/14/2018 1:37:20 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 1:37:20 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 1:37:20 PM
Lead	ND	0.200		mg/L	1	8/14/2018 1:37:20 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 1:37:20 PM
Silver	ND	0.200		mg/L	1	8/14/2018 1:37:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	51.9			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.89			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1221	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1232	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1242	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1248	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1254	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1260	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1262	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1268	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Total PCBs	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Surr: Decachlorobiphenyl	90.9	30.8 - 168		%Rec	1	8/10/2018 6:21:39 PM
Surr: Tetrachloro-m-xylene	80.8	30.3 - 157		%Rec	1	8/10/2018 6:21:39 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21575		Analyst: SB
Diesel (Fuel Oil)	ND	37.2		mg/Kg-dry	1	8/13/2018 2:56:19 PM
Diesel Range Organics (C12-C24)	117	37.2		mg/Kg-dry	1	8/13/2018 2:56:19 PM
Heavy Oil	1,830	93.0		mg/Kg-dry	1	8/13/2018 2:56:19 PM
Surr: 2-Fluorobiphenyl	52.3	50 - 150		%Rec	1	8/13/2018 2:56:19 PM
Surr: o-Terphenyl	58.8	50 - 150		%Rec	1	8/13/2018 2:56:19 PM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Bis(2-chloroethyl) ether	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Chlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,3-Dichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,4-Dichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,2-Dichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzyl alcohol	ND	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Methylphenol (o-cresol)	ND	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachloroethane	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
N-Nitrosodi-n-propylamine	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Nitrobenzene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Isophorone	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
3&4-Methylphenol (m, p-cresol)	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Nitrophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
Bis(2-chloroethoxy)methane	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4-Dichlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,2,4-Trichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Naphthalene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Chloroaniline	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachlorobutadiene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Chloro-3-methylphenol	ND	353	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Methylnaphthalene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1-Methylnaphthalene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachlorocyclopentadiene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4,6-Trichlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4,5-Trichlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Chloronaphthalene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Nitroaniline	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Acenaphthene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Dimethylphthalate	816	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,6-Dinitrotoluene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Acenaphthylene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4-Dinitrophenol	ND	927		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Dibenzofuran	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4-Dinitrotoluene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Nitrophenol	ND	883		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Fluorene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Chlorophenyl phenyl ether	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Diethylphthalate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4,6-Dinitro-2-methylphenol	ND	353		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Bromophenyl phenyl ether	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Pentachlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Phenanthrene	286	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Anthracene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Carbazole	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Di-n-butylphthalate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Fluoranthene	693	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Pyrene	691	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Butyl Benzylphthalate	220	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
bis(2-Ethylhexyl)adipate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benz(a)anthracene	311	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	449	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
bis (2-Ethylhexyl) phthalate	5,250	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Di-n-octyl phthalate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(b)fluoranthene	438	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(k)fluoranthene	375	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(a)pyrene	373	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Indeno(1,2,3-cd)pyrene	275	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Dibenz(a,h)anthracene	131	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(g,h,i)perylene	443	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Surr: 2,4,6-Tribromophenol	125	14.8 - 165		%Rec	1	8/13/2018 3:36:12 PM
Surr: 2-Fluorobiphenyl	99.4	17.8 - 151		%Rec	1	8/13/2018 3:36:12 PM
Surr: Nitrobenzene-d5	85.2	12.5 - 163		%Rec	1	8/13/2018 3:36:12 PM
Surr: Phenol-d6	103	11.6 - 133		%Rec	1	8/13/2018 3:36:12 PM
Surr: p-Terphenyl	123	22 - 176		%Rec	1	8/13/2018 3:36:12 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2-Chlorophenol	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
1,3-Dichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
1,4-Dichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
1,2-Dichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Benzyl alcohol	ND	1.04	Q	µg/L	1	8/16/2018 6:31:11 PM
Bis(2-chloroethyl) ether	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2-Methylphenol (o-cresol)	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Hexachloroethane	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
N-Nitrosodi-n-propylamine	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Nitrobenzene	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
Isophorone	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
3&4-Methylphenol (m, p-cresol)	ND	1.04	Q*	µg/L	1	8/16/2018 6:31:11 PM
2-Nitrophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dimethylphenol	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Bis(2-chloroethoxy)methane	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dichlorophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
1,2,4-Trichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Naphthalene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
4-Chloroaniline	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
4-Chloro-3-methylphenol	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
2-Methylnaphthalene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
1-Methylnaphthalene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Hexachlorocyclopentadiene	ND	1.04	Q	µg/L	1	8/16/2018 6:31:11 PM
2,4,6-Trichlorophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2,4,5-Trichlorophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2-Chloronaphthalene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2-Nitroaniline	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
Acenaphthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Dimethylphthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2,6-Dinitrotoluene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Acenaphthylene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dinitrophenol	ND	2.08	Q*	µg/L	1	8/16/2018 6:31:11 PM
Dibenzofuran	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dinitrotoluene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
4-Nitrophenol	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
Fluorene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
4-Chlorophenyl phenyl ether	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Diethylphthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
4,6-Dinitro-2-methylphenol	ND	5.21	Q*	µg/L	1	8/16/2018 6:31:11 PM
4-Bromophenyl phenyl ether	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Hexachlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Pentachlorophenol	ND	2.08	Q	µg/L	1	8/16/2018 6:31:11 PM
Phenanthrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Anthracene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Carbazole	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
Di-n-butyl phthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Fluoranthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Pyrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzyl Butylphthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
bis(2-Ethylhexyl)adipate	1.08	1.04		µg/L	1	8/16/2018 6:31:11 PM
Benz(a)anthracene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Chrysene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Bis(2-ethylhexyl) phthalate	3.14	1.04		µg/L	1	8/16/2018 6:31:11 PM
Di-n-octyl phthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Benzo(b)fluoranthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzo(k)fluoranthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzo(a)pyrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Dibenz(a,h)anthracene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzo(g,h,i)perylene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Surr: 2,4,6-Tribromophenol	143	18 - 139	S	%Rec	1	8/16/2018 6:31:11 PM
Surr: 2-Fluorobiphenyl	84.3	35 - 136		%Rec	1	8/16/2018 6:31:11 PM
Surr: Nitrobenzene-d5	68.4	34.7 - 136		%Rec	1	8/16/2018 6:31:11 PM
Surr: Phenol-d6	25.3	10 - 103		%Rec	1	8/16/2018 6:31:11 PM
Surr: p-Terphenyl	113	23.5 - 156		%Rec	1	8/16/2018 6:31:11 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	6.40		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Surr: Toluene-d8	98.3	65 - 135		%Rec	1	8/11/2018 9:26:16 AM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	8/11/2018 9:26:16 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chloromethane	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Vinyl chloride	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromomethane	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Trichlorofluoromethane (CFC-11)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chloroethane	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1-Dichloroethene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Methylene chloride	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
trans-1,2-Dichloroethene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1-Dichloroethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
2,2-Dichloropropane	ND	0.128	Q	mg/Kg-dry	1	8/11/2018 9:26:16 AM
cis-1,2-Dichloroethene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chloroform	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,1-Trichloroethane (TCA)	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1-Dichloropropene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Carbon tetrachloride	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dichloroethane (EDC)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Trichloroethene (TCE)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromodichloromethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Dibromomethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
cis-1,3-Dichloropropene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
trans-1,3-Dichloropropylene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,2-Trichloroethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,3-Dichloropropane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Tetrachloroethene (PCE)	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Dibromochloromethane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dibromoethane (EDB)	ND	0.00640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chlorobenzene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,1,2-Tetrachloroethane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromoform	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,2,2-Tetrachloroethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
2-Chlorotoluene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
4-Chlorotoluene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2,3-Trichloropropane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2,4-Trichlorobenzene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,3-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,4-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dibromo-3-chloropropane	ND	0.640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Hexachloro-1,3-butadiene	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2,3-Trichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Surr: Dibromofluoromethane	94.8	56.5 - 129		%Rec	1	8/11/2018 9:26:16 AM
Surr: Toluene-d8	90.3	64.5 - 151		%Rec	1	8/11/2018 9:26:16 AM
Surr: 1-Bromo-4-fluorobenzene	100	54.8 - 168		%Rec	1	8/11/2018 9:26:16 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 2:57:42 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 2:57:42 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1-Dichloroethane	7.13	10.0	B JD	µg/L	10	8/17/2018 2:57:42 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Toluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 2:57:42 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 2:57:42 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 2:57:42 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 2:57:42 AM
Surr: Dibromofluoromethane	99.6	33.3 - 161	D	%Rec	10	8/17/2018 2:57:42 AM
Surr: Toluene-d8	103	67.3 - 147	D	%Rec	10	8/17/2018 2:57:42 AM
Surr: 4-Bromofluorobenzene	96.8	59.3 - 164	D	%Rec	10	8/17/2018 2:57:42 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.447		mg/Kg-dry	1	8/10/2018 8:33:44 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 4:52:02 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	28.3	0.341		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Barium	175	0.682		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Cadmium	2.56	0.273		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Chromium	41.7	0.136		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Lead	115	0.273		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Selenium	1.31	0.682		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Silver	0.260	0.136		mg/Kg-dry	1	8/10/2018 2:21:53 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 1:53:36 PM
Barium	1.35	0.500		mg/L	1	8/14/2018 1:53:36 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 1:53:36 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 1:53:36 PM
Lead	ND	0.200		mg/L	1	8/14/2018 1:53:36 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 1:53:36 PM
Silver	ND	0.200		mg/L	1	8/14/2018 1:53:36 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	49.1			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.63			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1221	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1232	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1242	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1248	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1254	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1260	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1262	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1268	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Total PCBs	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Surr: Decachlorobiphenyl	96.6	30.8 - 168		%Rec	1	8/10/2018 7:17:48 PM
Surr: Tetrachloro-m-xylene	74.1	30.3 - 157		%Rec	1	8/10/2018 7:17:48 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	38.8		mg/Kg-dry	1	8/11/2018 2:47:40 AM
Diesel Range Organics (C12-C24)	1,690	38.8		mg/Kg-dry	1	8/11/2018 2:47:40 AM
Heavy Oil	11,000	970	D	mg/Kg-dry	10	8/13/2018 11:56:39 AM
Surr: 2-Fluorobiphenyl	54.6	50 - 150		%Rec	1	8/11/2018 2:47:40 AM
Surr: o-Terphenyl	63.7	50 - 150		%Rec	1	8/11/2018 2:47:40 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Bis(2-chloroethyl) ether	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Chlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,3-Dichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,4-Dichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,2-Dichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzyl alcohol	ND	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Methylphenol (o-cresol)	ND	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachloroethane	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
N-Nitrosodi-n-propylamine	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Nitrobenzene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Isophorone	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
3&4-Methylphenol (m, p-cresol)	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Nitrophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
Bis(2-chloroethoxy)methane	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4-Dichlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,2,4-Trichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Naphthalene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Chloroaniline	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachlorobutadiene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Chloro-3-methylphenol	ND	382	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Methylnaphthalene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1-Methylnaphthalene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachlorocyclopentadiene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4,6-Trichlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4,5-Trichlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Chloronaphthalene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Nitroaniline	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Acenaphthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Dimethylphthalate	289	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,6-Dinitrotoluene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Acenaphthylene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4-Dinitrophenol	ND	1,000		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Dibenzofuran	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4-Dinitrotoluene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Nitrophenol	ND	954		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Fluorene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Chlorophenyl phenyl ether	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Diethylphthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4,6-Dinitro-2-methylphenol	ND	382		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Bromophenyl phenyl ether	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Pentachlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Phenanthrene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Anthracene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Carbazole	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Di-n-butylphthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Fluoranthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Pyrene	113	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Butyl Benzylphthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
bis(2-Ethylhexyl)adipate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benz(a)anthracene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
bis (2-Ethylhexyl) phthalate	647	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Di-n-octyl phthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(b)fluoranthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(k)fluoranthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(a)pyrene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Indeno(1,2,3-cd)pyrene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Dibenz(a,h)anthracene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(g,h,i)perylene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Surr: 2,4,6-Tribromophenol	120	14.8 - 165		%Rec	1	8/13/2018 3:58:57 PM
Surr: 2-Fluorobiphenyl	93.6	17.8 - 151		%Rec	1	8/13/2018 3:58:57 PM
Surr: Nitrobenzene-d5	62.1	12.5 - 163		%Rec	1	8/13/2018 3:58:57 PM
Surr: Phenol-d6	87.7	11.6 - 133		%Rec	1	8/13/2018 3:58:57 PM
Surr: p-Terphenyl	120	22 - 176		%Rec	1	8/13/2018 3:58:57 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2-Chlorophenol	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
1,3-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
1,4-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
1,2-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Benzyl alcohol	ND	1.01	Q	µg/L	1	8/16/2018 6:53:33 PM
Bis(2-chloroethyl) ether	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2-Methylphenol (o-cresol)	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Hexachloroethane	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
N-Nitrosodi-n-propylamine	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Nitrobenzene	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
Isophorone	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
3&4-Methylphenol (m, p-cresol)	ND	1.01	Q*	µg/L	1	8/16/2018 6:53:33 PM
2-Nitrophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dimethylphenol	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Bis(2-chloroethoxy)methane	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dichlorophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
1,2,4-Trichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Naphthalene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
4-Chloroaniline	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
4-Chloro-3-methylphenol	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
2-Methylnaphthalene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
1-Methylnaphthalene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Hexachlorocyclopentadiene	ND	1.01	Q	µg/L	1	8/16/2018 6:53:33 PM
2,4,6-Trichlorophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2,4,5-Trichlorophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2-Chloronaphthalene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2-Nitroaniline	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
Acenaphthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Dimethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2,6-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Acenaphthylene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dinitrophenol	ND	2.01	Q*	µg/L	1	8/16/2018 6:53:33 PM
Dibenzofuran	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
4-Nitrophenol	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
Fluorene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
4-Chlorophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Diethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
4,6-Dinitro-2-methylphenol	ND	5.03	Q*	µg/L	1	8/16/2018 6:53:33 PM
4-Bromophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Hexachlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Pentachlorophenol	ND	2.01	Q	µg/L	1	8/16/2018 6:53:33 PM
Phenanthrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Anthracene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Carbazole	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
Di-n-butyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Fluoranthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Pyrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzyl Butylphthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
bis(2-Ethylhexyl)adipate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Benz(a)anthracene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Chrysene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Bis(2-ethylhexyl) phthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Di-n-octyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Benzo(b)fluoranthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzo(k)fluoranthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzo(a)pyrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Dibenz(a,h)anthracene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzo(g,h,i)perylene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Surr: 2,4,6-Tribromophenol	145	18 - 139	S	%Rec	1	8/16/2018 6:53:33 PM
Surr: 2-Fluorobiphenyl	99.5	35 - 136		%Rec	1	8/16/2018 6:53:33 PM
Surr: Nitrobenzene-d5	84.7	34.7 - 136		%Rec	1	8/16/2018 6:53:33 PM
Surr: Phenol-d6	28.1	10 - 103		%Rec	1	8/16/2018 6:53:33 PM
Surr: p-Terphenyl	111	23.5 - 156		%Rec	1	8/16/2018 6:53:33 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	4.74		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Surr: Toluene-d8	96.6	65 - 135		%Rec	1	8/11/2018 9:56:58 AM
Surr: 4-Bromofluorobenzene	95.0	65 - 135		%Rec	1	8/11/2018 9:56:58 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chloromethane	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Vinyl chloride	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromomethane	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Trichlorofluoromethane (CFC-11)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chloroethane	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Methylene chloride	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
trans-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1-Dichloroethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
2,2-Dichloropropane	ND	0.0948	Q	mg/Kg-dry	1	8/11/2018 9:56:58 AM
cis-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chloroform	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,1-Trichloroethane (TCA)	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1-Dichloropropene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Carbon tetrachloride	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dichloroethane (EDC)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Trichloroethene (TCE)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromodichloromethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Dibromomethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
cis-1,3-Dichloropropene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
trans-1,3-Dichloropropylene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,2-Trichloroethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,3-Dichloropropane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Tetrachloroethene (PCE)	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Dibromochloromethane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dibromoethane (EDB)	ND	0.00474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chlorobenzene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,1,2-Tetrachloroethane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromoform	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,2,2-Tetrachloroethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
2-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
4-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2,3-Trichloropropane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2,4-Trichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,3-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,4-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dibromo-3-chloropropane	ND	0.474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Hexachloro-1,3-butadiene	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2,3-Trichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Surr: Dibromofluoromethane	93.3	56.5 - 129		%Rec	1	8/11/2018 9:56:58 AM
Surr: Toluene-d8	90.2	64.5 - 151		%Rec	1	8/11/2018 9:56:58 AM
Surr: 1-Bromo-4-fluorobenzene	94.1	54.8 - 168		%Rec	1	8/11/2018 9:56:58 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 3:27:53 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 3:27:53 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1-Dichloroethane	8.16	10.0	B JD	µg/L	10	8/17/2018 3:27:53 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Toluene	13.4	10.0	DB	µg/L	10	8/17/2018 3:27:53 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Tetrachloroethene (PCE)	2.53	10.0	JD	µg/L	10	8/17/2018 3:27:53 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 3:27:53 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Ethylbenzene	1.48	10.0	B JD	µg/L	10	8/17/2018 3:27:53 AM
m,p-Xylene	4.11	10.0	B JD	µg/L	10	8/17/2018 3:27:53 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 3:27:53 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 3:27:53 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 3:27:53 AM
Surr: Dibromofluoromethane	100	33.3 - 161	D	%Rec	10	8/17/2018 3:27:53 AM
Surr: Toluene-d8	104	67.3 - 147	D	%Rec	10	8/17/2018 3:27:53 AM
Surr: 4-Bromofluorobenzene	96.4	59.3 - 164	D	%Rec	10	8/17/2018 3:27:53 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.465		mg/Kg-dry	1	8/10/2018 8:35:21 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 4:53:42 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	18.5	0.354		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Barium	120	0.708		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Cadmium	2.60	0.283		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Chromium	32.1	0.142		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Lead	61.0	0.283		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Selenium	1.36	0.708		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Silver	0.144	0.142		mg/Kg-dry	1	8/10/2018 2:25:56 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 1:57:40 PM
Barium	ND	0.500		mg/L	1	8/14/2018 1:57:40 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 1:57:40 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 1:57:40 PM
Lead	ND	0.200		mg/L	1	8/14/2018 1:57:40 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 1:57:40 PM
Silver	ND	0.200		mg/L	1	8/14/2018 1:57:40 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	49.2			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.86			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1221	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1232	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1242	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1248	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1254	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1260	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1262	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1268	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Total PCBs	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Surr: Decachlorobiphenyl	85.0	30.8 - 168		%Rec	1	8/10/2018 7:29:01 PM
Surr: Tetrachloro-m-xylene	76.9	30.3 - 157		%Rec	1	8/10/2018 7:29:01 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21575		Analyst: SB
Diesel (Fuel Oil)	ND	30.4		mg/Kg-dry	1	8/13/2018 2:26:23 PM
Diesel Range Organics (C12-C24)	49.5	30.4		mg/Kg-dry	1	8/13/2018 2:26:23 PM
Heavy Oil	439	75.9		mg/Kg-dry	1	8/13/2018 2:26:23 PM
Surr: 2-Fluorobiphenyl	73.1	50 - 150		%Rec	1	8/13/2018 2:26:23 PM
Surr: o-Terphenyl	78.5	50 - 150		%Rec	1	8/13/2018 2:26:23 PM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Bis(2-chloroethyl) ether	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Chlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,3-Dichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,4-Dichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,2-Dichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzyl alcohol	ND	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Methylphenol (o-cresol)	ND	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachloroethane	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
N-Nitrosodi-n-propylamine	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Nitrobenzene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Isophorone	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
3&4-Methylphenol (m, p-cresol)	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Nitrophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
Bis(2-chloroethoxy)methane	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4-Dichlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,2,4-Trichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Naphthalene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Chloroaniline	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachlorobutadiene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Chloro-3-methylphenol	ND	289	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Methylnaphthalene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1-Methylnaphthalene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachlorocyclopentadiene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4,6-Trichlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4,5-Trichlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Chloronaphthalene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Nitroaniline	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Acenaphthene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Dimethylphthalate	160	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,6-Dinitrotoluene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Acenaphthylene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4-Dinitrophenol	ND	760		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Dibenzofuran	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4-Dinitrotoluene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Nitrophenol	ND	723		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Fluorene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Chlorophenyl phenyl ether	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Diethylphthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4,6-Dinitro-2-methylphenol	ND	289		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Bromophenyl phenyl ether	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Pentachlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Phenanthrene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Anthracene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Carbazole	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Di-n-butylphthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Fluoranthene	147	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Pyrene	142	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Butyl Benzylphthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
bis(2-Ethylhexyl)adipate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benz(a)anthracene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Chrysene	115	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
bis (2-Ethylhexyl) phthalate	1,250	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Di-n-octyl phthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(b)fluoranthene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(k)fluoranthene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(a)pyrene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Indeno(1,2,3-cd)pyrene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Dibenz(a,h)anthracene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(g,h,i)perylene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Surr: 2,4,6-Tribromophenol	128	14.8 - 165		%Rec	1	8/13/2018 4:21:17 PM
Surr: 2-Fluorobiphenyl	87.1	17.8 - 151		%Rec	1	8/13/2018 4:21:17 PM
Surr: Nitrobenzene-d5	73.2	12.5 - 163		%Rec	1	8/13/2018 4:21:17 PM
Surr: Phenol-d6	99.4	11.6 - 133		%Rec	1	8/13/2018 4:21:17 PM
Surr: p-Terphenyl	116	22 - 176		%Rec	1	8/13/2018 4:21:17 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Phenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2-Chlorophenol	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
1,3-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
1,4-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
1,2-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Benzyl alcohol	ND	1.02	Q	µg/L	1	8/16/2018 7:16:18 PM
Bis(2-chloroethyl) ether	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2-Methylphenol (o-cresol)	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Hexachloroethane	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
N-Nitrosodi-n-propylamine	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Nitrobenzene	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
Isophorone	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
3&4-Methylphenol (m, p-cresol)	ND	1.02	Q*	µg/L	1	8/16/2018 7:16:18 PM
2-Nitrophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dimethylphenol	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Bis(2-chloroethoxy)methane	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
1,2,4-Trichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Naphthalene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
4-Chloroaniline	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
4-Chloro-3-methylphenol	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
2-Methylnaphthalene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
1-Methylnaphthalene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Hexachlorocyclopentadiene	ND	1.02	Q	µg/L	1	8/16/2018 7:16:18 PM
2,4,6-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2,4,5-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2-Chloronaphthalene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2-Nitroaniline	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
Acenaphthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Dimethylphthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2,6-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Acenaphthylene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dinitrophenol	ND	2.05	Q*	µg/L	1	8/16/2018 7:16:18 PM
Dibenzofuran	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
4-Nitrophenol	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
Fluorene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
4-Chlorophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Diethylphthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
4,6-Dinitro-2-methylphenol	ND	5.12	Q*	µg/L	1	8/16/2018 7:16:18 PM
4-Bromophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Hexachlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Pentachlorophenol	ND	2.05	Q	µg/L	1	8/16/2018 7:16:18 PM
Phenanthrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Anthracene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Carbazole	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
Di-n-butyl phthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Fluoranthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Pyrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzyl Butylphthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
bis(2-Ethylhexyl)adipate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Benz(a)anthracene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Chrysene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Bis(2-ethylhexyl) phthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Di-n-octyl phthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Benzo(b)fluoranthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzo(k)fluoranthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzo(a)pyrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Dibenz(a,h)anthracene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzo(g,h,i)perylene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Surr: 2,4,6-Tribromophenol	121	18 - 139		%Rec	1	8/16/2018 7:16:18 PM
Surr: 2-Fluorobiphenyl	83.6	35 - 136		%Rec	1	8/16/2018 7:16:18 PM
Surr: Nitrobenzene-d5	73.6	34.7 - 136		%Rec	1	8/16/2018 7:16:18 PM
Surr: Phenol-d6	31.5	10 - 103		%Rec	1	8/16/2018 7:16:18 PM
Surr: p-Terphenyl	109	23.5 - 156		%Rec	1	8/16/2018 7:16:18 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	1.32		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Surr: Toluene-d8	98.7	65 - 135		%Rec	1	8/11/2018 3:03:39 PM
Surr: 4-Bromofluorobenzene	103	65 - 135		%Rec	1	8/11/2018 3:03:39 PM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chloromethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Vinyl chloride	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Bromomethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Trichlorofluoromethane (CFC-11)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1-Dichloroethene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Methylene chloride	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
trans-1,2-Dichloroethene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1-Dichloroethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
2,2-Dichloropropane	ND	0.0265	Q	mg/Kg-dry	1	8/11/2018 3:03:39 PM
cis-1,2-Dichloroethene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chloroform	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,1-Trichloroethane (TCA)	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1-Dichloropropene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Carbon tetrachloride	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dichloroethane (EDC)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Trichloroethene (TCE)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dichloropropane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Bromodichloromethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Dibromomethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
cis-1,3-Dichloropropene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
trans-1,3-Dichloropropylene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,2-Trichloroethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,3-Dichloropropane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Tetrachloroethene (PCE)	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Dibromochloromethane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dibromoethane (EDB)	ND	0.00132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chlorobenzene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,1,2-Tetrachloroethane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Bromoform	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,2,2-Tetrachloroethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Bromobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
2-Chlorotoluene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
4-Chlorotoluene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2,3-Trichloropropane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2,4-Trichlorobenzene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,3-Dichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,4-Dichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dibromo-3-chloropropane	ND	0.132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Hexachloro-1,3-butadiene	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2,3-Trichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Surr: Dibromofluoromethane	104	56.5 - 129		%Rec	1	8/11/2018 3:03:39 PM
Surr: Toluene-d8	109	64.5 - 151		%Rec	1	8/11/2018 3:03:39 PM
Surr: 1-Bromo-4-fluorobenzene	102	54.8 - 168		%Rec	1	8/11/2018 3:03:39 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 3:57:54 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 3:57:54 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1-Dichloroethane	7.18	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Toluene	4.42	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Tetrachloroethene (PCE)	6.10	10.0	JD	µg/L	10	8/17/2018 3:57:54 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 3:57:54 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Ethylbenzene	0.923	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
m,p-Xylene	2.15	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 3:57:54 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 3:57:54 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 3:57:54 AM
Surr: Dibromofluoromethane	100	33.3 - 161	D	%Rec	10	8/17/2018 3:57:54 AM
Surr: Toluene-d8	103	67.3 - 147	D	%Rec	10	8/17/2018 3:57:54 AM
Surr: 4-Bromofluorobenzene	95.5	59.3 - 164	D	%Rec	10	8/17/2018 3:57:54 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471

Batch ID: 21566 Analyst: WF

Mercury	ND	0.350		mg/Kg-dry	1	8/10/2018 8:36:58 PM

Mercury (SW7470) with TCLP Extraction (EPA 1311)

Batch ID: 21592 Analyst: WF

Mercury	ND	0.00200		mg/L	1	8/14/2018 4:55:23 PM

Total Metals by EPA Method 6020

Batch ID: 21560 Analyst: WC

Arsenic	8.46	0.269		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Barium	59.7	0.538		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Cadmium	0.948	0.215		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Chromium	14.9	0.108		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Lead	22.3	0.215		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Selenium	0.809	0.538		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Silver	ND	0.108		mg/Kg-dry	1	8/10/2018 2:29:59 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 2:09:53 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:09:53 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:09:53 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:09:53 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:09:53 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:09:53 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:09:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	35.0			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.89			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1221	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1232	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1242	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1248	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1254	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1260	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1262	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1268	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Total PCBs	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Surr: Decachlorobiphenyl	105	30.8 - 168		%Rec	1	8/10/2018 7:40:19 PM
Surr: Tetrachloro-m-xylene	97.9	30.3 - 157		%Rec	1	8/10/2018 7:40:19 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	39.1		mg/Kg-dry	1	8/11/2018 3:47:57 AM
Diesel Range Organics (C12-C24)	576	39.1		mg/Kg-dry	1	8/11/2018 3:47:57 AM
Heavy Oil	6,500	978	D	mg/Kg-dry	10	8/13/2018 12:26:37 PM
Surr: 2-Fluorobiphenyl	71.2	50 - 150		%Rec	1	8/11/2018 3:47:57 AM
Surr: o-Terphenyl	86.1	50 - 150		%Rec	1	8/11/2018 3:47:57 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Bis(2-chloroethyl) ether	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Chlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,3-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,4-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,2-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzyl alcohol	ND	188	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Methylphenol (o-cresol)	ND	188	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachloroethane	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
N-Nitrosodi-n-propylamine	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Nitrobenzene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Isophorone	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
3&4-Methylphenol (m, p-cresol)	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Nitrophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	188	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
Bis(2-chloroethoxy)methane	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4-Dichlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,2,4-Trichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Naphthalene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Chloroaniline	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachlorobutadiene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Chloro-3-methylphenol	ND	377	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Methylnaphthalene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1-Methylnaphthalene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachlorocyclopentadiene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4,6-Trichlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4,5-Trichlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Chloronaphthalene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Nitroaniline	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Acenaphthene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Dimethylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,6-Dinitrotoluene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Acenaphthylene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4-Dinitrophenol	ND	988		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Dibenzofuran	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4-Dinitrotoluene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Nitrophenol	ND	941		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Fluorene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Chlorophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Diethylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4,6-Dinitro-2-methylphenol	ND	377		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Bromophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Pentachlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Phenanthrene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Anthracene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Carbazole	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Di-n-butylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Fluoranthene	174	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Pyrene	165	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Butyl Benzylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
bis(2-Ethylhexyl)adipate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benz(a)anthracene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	159	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
bis (2-Ethylhexyl) phthalate	1,350	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Di-n-octyl phthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(b)fluoranthene	96.1	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(k)fluoranthene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(a)pyrene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Indeno(1,2,3-cd)pyrene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Dibenz(a,h)anthracene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(g,h,i)perylene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Surr: 2,4,6-Tribromophenol	132	14.8 - 165		%Rec	1	8/13/2018 4:43:34 PM
Surr: 2-Fluorobiphenyl	82.2	17.8 - 151		%Rec	1	8/13/2018 4:43:34 PM
Surr: Nitrobenzene-d5	53.7	12.5 - 163		%Rec	1	8/13/2018 4:43:34 PM
Surr: Phenol-d6	106	11.6 - 133		%Rec	1	8/13/2018 4:43:34 PM
Surr: p-Terphenyl	113	22 - 176		%Rec	1	8/13/2018 4:43:34 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2-Chlorophenol	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
1,3-Dichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
1,4-Dichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
1,2-Dichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Benzyl alcohol	ND	1.03	Q	µg/L	1	8/16/2018 7:39:02 PM
Bis(2-chloroethyl) ether	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2-Methylphenol (o-cresol)	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Hexachloroethane	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
N-Nitrosodi-n-propylamine	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Nitrobenzene	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
Isophorone	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
3&4-Methylphenol (m, p-cresol)	ND	1.03	Q*	µg/L	1	8/16/2018 7:39:02 PM
2-Nitrophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dimethylphenol	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Bis(2-chloroethoxy)methane	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
1,2,4-Trichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Naphthalene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
4-Chloroaniline	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
4-Chloro-3-methylphenol	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
2-Methylnaphthalene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
1-Methylnaphthalene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Hexachlorocyclopentadiene	ND	1.03	Q	µg/L	1	8/16/2018 7:39:02 PM
2,4,6-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2,4,5-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2-Chloronaphthalene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2-Nitroaniline	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
Acenaphthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Dimethylphthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2,6-Dinitrotoluene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Acenaphthylene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dinitrophenol	ND	2.05	Q*	µg/L	1	8/16/2018 7:39:02 PM
Dibenzofuran	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dinitrotoluene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
4-Nitrophenol	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
Fluorene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
4-Chlorophenyl phenyl ether	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Diethylphthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
4,6-Dinitro-2-methylphenol	ND	5.13	Q*	µg/L	1	8/16/2018 7:39:02 PM
4-Bromophenyl phenyl ether	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Hexachlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Pentachlorophenol	ND	2.05	Q	µg/L	1	8/16/2018 7:39:02 PM
Phenanthrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Anthracene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Carbazole	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
Di-n-butyl phthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Fluoranthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Pyrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzyl Butylphthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
bis(2-Ethylhexyl)adipate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Benz(a)anthracene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Chrysene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Bis(2-ethylhexyl) phthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Di-n-octyl phthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Benzo(b)fluoranthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzo(k)fluoranthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzo(a)pyrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Dibenz(a,h)anthracene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzo(g,h,i)perylene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Surr: 2,4,6-Tribromophenol	137	18 - 139		%Rec	1	8/16/2018 7:39:02 PM
Surr: 2-Fluorobiphenyl	90.9	35 - 136		%Rec	1	8/16/2018 7:39:02 PM
Surr: Nitrobenzene-d5	79.9	34.7 - 136		%Rec	1	8/16/2018 7:39:02 PM
Surr: Phenol-d6	37.7	10 - 103		%Rec	1	8/16/2018 7:39:02 PM
Surr: p-Terphenyl	105	23.5 - 156		%Rec	1	8/16/2018 7:39:02 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	4.99		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Surr: Toluene-d8	98.5	65 - 135		%Rec	1	8/11/2018 10:27:44 AM
Surr: 4-Bromofluorobenzene	94.4	65 - 135		%Rec	1	8/11/2018 10:27:44 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chloromethane	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Vinyl chloride	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Bromomethane	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Trichlorofluoromethane (CFC-11)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chloroethane	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Methylene chloride	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1-Dichloroethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
2,2-Dichloropropane	ND	0.0999	Q	mg/Kg-dry	1	8/11/2018 10:27:44 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chloroform	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,1-Trichloroethane (TCA)	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Carbon tetrachloride	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dichloroethane (EDC)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dichloropropane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Bromodichloromethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Dibromomethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
cis-1,3-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
trans-1,3-Dichloropropylene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,2-Trichloroethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,3-Dichloropropane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Tetrachloroethene (PCE)	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Dibromochloromethane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dibromoethane (EDB)	ND	0.00499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chlorobenzene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,1,2-Tetrachloroethane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Bromoform	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,2,2-Tetrachloroethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Bromobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
2-Chlorotoluene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
4-Chlorotoluene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2,3-Trichloropropane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2,4-Trichlorobenzene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,3-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,4-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dibromo-3-chloropropane	ND	0.499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Hexachloro-1,3-butadiene	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2,3-Trichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Surr: Dibromofluoromethane	93.8	56.5 - 129		%Rec	1	8/11/2018 10:27:44 AM
Surr: Toluene-d8	90.9	64.5 - 151		%Rec	1	8/11/2018 10:27:44 AM
Surr: 1-Bromo-4-fluorobenzene	93.4	54.8 - 168		%Rec	1	8/11/2018 10:27:44 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 4:28:01 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 4:28:01 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1-Dichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Benzene	9.19	10.0	JD	µg/L	10	8/17/2018 4:28:01 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Toluene	1.29	10.0	JD	µg/L	10	8/17/2018 4:28:01 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 4:28:01 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
m,p-Xylene	2.79	10.0	JD	µg/L	10	8/17/2018 4:28:01 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 4:28:01 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 4:28:01 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 4:28:01 AM
Surr: Dibromofluoromethane	99.5	33.3 - 161	D	%Rec	10	8/17/2018 4:28:01 AM
Surr: Toluene-d8	102	67.3 - 147	D	%Rec	10	8/17/2018 4:28:01 AM
Surr: 4-Bromofluorobenzene	95.7	59.3 - 164	D	%Rec	10	8/17/2018 4:28:01 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.491		mg/Kg-dry	1	8/10/2018 8:38:41 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 5:03:53 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	23.9	0.387		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Barium	155	0.774		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Cadmium	1.56	0.310		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Chromium	28.1	0.155		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Lead	45.6	0.310		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Selenium	1.20	0.774		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Silver	ND	0.155		mg/Kg-dry	1	8/10/2018 2:42:10 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	0.181	0.100		mg/L	1	8/14/2018 2:13:57 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:13:57 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:13:57 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:13:57 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:13:57 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:13:57 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:13:57 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	51.0			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.84			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1221	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1232	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1242	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1248	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1254	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1260	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1262	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1268	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Total PCBs	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Surr: Decachlorobiphenyl	125	30.8 - 168		%Rec	1	8/10/2018 7:51:36 PM
Surr: Tetrachloro-m-xylene	106	30.3 - 157		%Rec	1	8/10/2018 7:51:36 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	32.2		mg/Kg-dry	1	8/11/2018 4:18:00 AM
Diesel Range Organics (C12-C24)	474	32.2		mg/Kg-dry	1	8/11/2018 4:18:00 AM
Heavy Oil	4,740	805	D	mg/Kg-dry	10	8/13/2018 12:56:41 PM
Surr: 2-Fluorobiphenyl	73.2	50 - 150		%Rec	1	8/11/2018 4:18:00 AM
Surr: o-Terphenyl	85.1	50 - 150		%Rec	1	8/11/2018 4:18:00 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Bis(2-chloroethyl) ether	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Chlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,3-Dichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,4-Dichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,2-Dichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzyl alcohol	ND	150	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Methylphenol (o-cresol)	ND	150	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachloroethane	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
N-Nitrosodi-n-propylamine	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Nitrobenzene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Isophorone	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
3&4-Methylphenol (m, p-cresol)	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Nitrophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	150	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
Bis(2-chloroethoxy)methane	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4-Dichlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,2,4-Trichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Naphthalene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Chloroaniline	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachlorobutadiene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Chloro-3-methylphenol	ND	301	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Methylnaphthalene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1-Methylnaphthalene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachlorocyclopentadiene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4,6-Trichlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4,5-Trichlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Chloronaphthalene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Nitroaniline	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Acenaphthene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Dimethylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,6-Dinitrotoluene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Acenaphthylene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4-Dinitrophenol	ND	789		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Dibenzofuran	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4-Dinitrotoluene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Nitrophenol	ND	752		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Fluorene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Chlorophenyl phenyl ether	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Diethylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4,6-Dinitro-2-methylphenol	ND	301		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Bromophenyl phenyl ether	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Pentachlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Phenanthrene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Anthracene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Carbazole	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Di-n-butylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Fluoranthene	116	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Pyrene	110	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Butyl Benzylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
bis(2-Ethylhexyl)adipate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benz(a)anthracene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	95.0	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
bis (2-Ethylhexyl) phthalate	758	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Di-n-octyl phthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(b)fluoranthene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(k)fluoranthene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(a)pyrene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Indeno(1,2,3-cd)pyrene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Dibenz(a,h)anthracene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(g,h,i)perylene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Surr: 2,4,6-Tribromophenol	108	14.8 - 165		%Rec	1	8/13/2018 5:05:55 PM
Surr: 2-Fluorobiphenyl	81.0	17.8 - 151		%Rec	1	8/13/2018 5:05:55 PM
Surr: Nitrobenzene-d5	63.9	12.5 - 163		%Rec	1	8/13/2018 5:05:55 PM
Surr: Phenol-d6	85.1	11.6 - 133		%Rec	1	8/13/2018 5:05:55 PM
Surr: p-Terphenyl	101	22 - 176		%Rec	1	8/13/2018 5:05:55 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2-Chlorophenol	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
1,3-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
1,4-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
1,2-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Benzyl alcohol	ND	1.02	Q	µg/L	1	8/16/2018 8:01:51 PM
Bis(2-chloroethyl) ether	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2-Methylphenol (o-cresol)	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Hexachloroethane	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
N-Nitrosodi-n-propylamine	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Nitrobenzene	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
Isophorone	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
3&4-Methylphenol (m, p-cresol)	ND	1.02	Q*	µg/L	1	8/16/2018 8:01:51 PM
2-Nitrophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dimethylphenol	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Bis(2-chloroethoxy)methane	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
1,2,4-Trichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Naphthalene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
4-Chloroaniline	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
4-Chloro-3-methylphenol	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
2-Methylnaphthalene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
1-Methylnaphthalene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Hexachlorocyclopentadiene	ND	1.02	Q	µg/L	1	8/16/2018 8:01:51 PM
2,4,6-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2,4,5-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2-Chloronaphthalene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2-Nitroaniline	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
Acenaphthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Dimethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2,6-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Acenaphthylene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dinitrophenol	ND	2.04	Q*	µg/L	1	8/16/2018 8:01:51 PM
Dibenzofuran	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
4-Nitrophenol	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
Fluorene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
4-Chlorophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Diethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
4,6-Dinitro-2-methylphenol	ND	5.11	Q*	µg/L	1	8/16/2018 8:01:51 PM
4-Bromophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Hexachlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Pentachlorophenol	ND	2.04	Q	µg/L	1	8/16/2018 8:01:51 PM
Phenanthrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Anthracene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Carbazole	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
Di-n-butyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Fluoranthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Pyrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzyl Butylphthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
bis(2-Ethylhexyl)adipate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Benz(a)anthracene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Chrysene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Bis(2-ethylhexyl) phthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Di-n-octyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Benzo(b)fluoranthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzo(k)fluoranthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzo(a)pyrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Indeno(1,2,3-cd)pyrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Dibenz(a,h)anthracene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzo(g,h,i)perylene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Surr: 2,4,6-Tribromophenol	145	18 - 139	S	%Rec	1	8/16/2018 8:01:51 PM
Surr: 2-Fluorobiphenyl	90.0	35 - 136		%Rec	1	8/16/2018 8:01:51 PM
Surr: Nitrobenzene-d5	76.5	34.7 - 136		%Rec	1	8/16/2018 8:01:51 PM
Surr: Phenol-d6	38.7	10 - 103		%Rec	1	8/16/2018 8:01:51 PM
Surr: p-Terphenyl	105	23.5 - 156		%Rec	1	8/16/2018 8:01:51 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx

Batch ID: 21567 Analyst: KT

Gasoline	ND	3.31		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Surr: Toluene-d8	96.4	65 - 135		%Rec	1	8/11/2018 10:58:25 AM
Surr: 4-Bromofluorobenzene	95.9	65 - 135		%Rec	1	8/11/2018 10:58:25 AM

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Dichlorodifluoromethane (CFC-12)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chloromethane	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Vinyl chloride	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromomethane	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Trichlorofluoromethane (CFC-11)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chloroethane	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1-Dichloroethene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Methylene chloride	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
trans-1,2-Dichloroethene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1-Dichloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
2,2-Dichloropropane	ND	0.0661	Q	mg/Kg-dry	1	8/11/2018 10:58:25 AM
cis-1,2-Dichloroethene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chloroform	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,1-Trichloroethane (TCA)	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1-Dichloropropene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Carbon tetrachloride	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dichloroethane (EDC)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Trichloroethene (TCE)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromodichloromethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Dibromomethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
cis-1,3-Dichloropropene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
trans-1,3-Dichloropropylene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,2-Trichloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,3-Dichloropropane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Tetrachloroethene (PCE)	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Dibromochloromethane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dibromoethane (EDB)	ND	0.00331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chlorobenzene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,1,2-Tetrachloroethane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromoform	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,2,2-Tetrachloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
2-Chlorotoluene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
4-Chlorotoluene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2,3-Trichloropropane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2,4-Trichlorobenzene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,3-Dichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,4-Dichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dibromo-3-chloropropane	ND	0.331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Hexachloro-1,3-butadiene	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2,3-Trichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Surr: Dibromofluoromethane	93.7	56.5 - 129		%Rec	1	8/11/2018 10:58:25 AM
Surr: Toluene-d8	90.4	64.5 - 151		%Rec	1	8/11/2018 10:58:25 AM
Surr: 1-Bromo-4-fluorobenzene	94.8	54.8 - 168		%Rec	1	8/11/2018 10:58:25 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 4:58:12 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 4:58:12 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1-Dichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Benzene	8.90	10.0	JD	µg/L	10	8/17/2018 4:58:12 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Toluene	1.17	10.0	JD	µg/L	10	8/17/2018 4:58:12 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Tetrachloroethene (PCE)	3.83	10.0	JD	µg/L	10	8/17/2018 4:58:12 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 4:58:12 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 4:58:12 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 4:58:12 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 4:58:12 AM
Surr: Dibromofluoromethane	100	33.3 - 161	D	%Rec	10	8/17/2018 4:58:12 AM
Surr: Toluene-d8	102	67.3 - 147	D	%Rec	10	8/17/2018 4:58:12 AM
Surr: 4-Bromofluorobenzene	96.2	59.3 - 164	D	%Rec	10	8/17/2018 4:58:12 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.397		mg/Kg-dry	1	8/10/2018 8:40:20 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 5:11:41 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	13.9	0.300		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Barium	77.4	0.600		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Cadmium	1.13	0.240		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Chromium	19.2	0.120		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Lead	30.5	0.240		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Selenium	0.996	0.600		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Silver	ND	0.120		mg/Kg-dry	1	8/10/2018 2:46:13 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	0.160	0.100		mg/L	1	8/14/2018 2:22:05 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:22:05 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:22:05 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:22:05 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:22:05 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:22:05 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:22:05 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	41.7			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Positive	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.79			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1221	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1232	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1242	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1248	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1254	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1260	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1262	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1268	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Total PCBs	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Surr: Decachlorobiphenyl	121	30.8 - 168		%Rec	1	8/10/2018 8:02:49 PM
Surr: Tetrachloro-m-xylene	103	30.3 - 157		%Rec	1	8/10/2018 8:02:49 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	37.7		mg/Kg-dry	1	8/11/2018 4:48:12 AM
Diesel Range Organics (C12-C24)	51.3	37.7		mg/Kg-dry	1	8/11/2018 4:48:12 AM
Heavy Oil	2,620	94.3		mg/Kg-dry	1	8/11/2018 4:48:12 AM
Surr: 2-Fluorobiphenyl	62.6	50 - 150		%Rec	1	8/11/2018 4:48:12 AM
Surr: o-Terphenyl	76.0	50 - 150		%Rec	1	8/11/2018 4:48:12 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Bis(2-chloroethyl) ether	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Chlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,3-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,4-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,2-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzyl alcohol	ND	187	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Methylphenol (o-cresol)	ND	187	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachloroethane	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
N-Nitrosodi-n-propylamine	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Nitrobenzene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Isophorone	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
3&4-Methylphenol (m, p-cresol)	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Nitrophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	187	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
Bis(2-chloroethoxy)methane	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4-Dichlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,2,4-Trichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Naphthalene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Chloroaniline	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachlorobutadiene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Chloro-3-methylphenol	ND	375	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Methylnaphthalene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1-Methylnaphthalene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachlorocyclopentadiene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4,6-Trichlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4,5-Trichlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Chloronaphthalene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Nitroaniline	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Acenaphthene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Dimethylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,6-Dinitrotoluene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Acenaphthylene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4-Dinitrophenol	ND	984		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Dibenzofuran	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4-Dinitrotoluene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Nitrophenol	ND	937		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Fluorene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Chlorophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Diethylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4,6-Dinitro-2-methylphenol	ND	375		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Bromophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Pentachlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Phenanthrene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Anthracene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Carbazole	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Di-n-butylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Fluoranthene	151	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Pyrene	148	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Butyl Benzylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
bis(2-Ethylhexyl)adipate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benz(a)anthracene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	108	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
bis (2-Ethylhexyl) phthalate	487	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Di-n-octyl phthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(b)fluoranthene	122	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(k)fluoranthene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(a)pyrene	115	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Indeno(1,2,3-cd)pyrene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Dibenz(a,h)anthracene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(g,h,i)perylene	98.8	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Surr: 2,4,6-Tribromophenol	134	14.8 - 165		%Rec	1	8/13/2018 5:28:07 PM
Surr: 2-Fluorobiphenyl	104	17.8 - 151		%Rec	1	8/13/2018 5:28:07 PM
Surr: Nitrobenzene-d5	96.3	12.5 - 163		%Rec	1	8/13/2018 5:28:07 PM
Surr: Phenol-d6	91.4	11.6 - 133		%Rec	1	8/13/2018 5:28:07 PM
Surr: p-Terphenyl	115	22 - 176		%Rec	1	8/13/2018 5:28:07 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2-Chlorophenol	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
1,3-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
1,4-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
1,2-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Benzyl alcohol	ND	1.02	Q	µg/L	1	8/16/2018 8:24:59 PM
Bis(2-chloroethyl) ether	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2-Methylphenol (o-cresol)	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Hexachloroethane	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
N-Nitrosodi-n-propylamine	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Nitrobenzene	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
Isophorone	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
3&4-Methylphenol (m, p-cresol)	ND	1.02	Q*	µg/L	1	8/16/2018 8:24:59 PM
2-Nitrophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dimethylphenol	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Bis(2-chloroethoxy)methane	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
1,2,4-Trichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Naphthalene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
4-Chloroaniline	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
4-Chloro-3-methylphenol	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
2-Methylnaphthalene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
1-Methylnaphthalene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Hexachlorocyclopentadiene	ND	1.02	Q	µg/L	1	8/16/2018 8:24:59 PM
2,4,6-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2,4,5-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2-Chloronaphthalene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2-Nitroaniline	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
Acenaphthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Dimethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2,6-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Acenaphthylene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dinitrophenol	ND	2.04	Q*	µg/L	1	8/16/2018 8:24:59 PM
Dibenzofuran	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
4-Nitrophenol	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
Fluorene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
4-Chlorophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Diethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
4,6-Dinitro-2-methylphenol	ND	5.10	Q*	µg/L	1	8/16/2018 8:24:59 PM
4-Bromophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Hexachlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Pentachlorophenol	ND	2.04	Q	µg/L	1	8/16/2018 8:24:59 PM
Phenanthrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Anthracene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Carbazole	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
Di-n-butyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Fluoranthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Pyrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzyl Butylphthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
bis(2-Ethylhexyl)adipate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Benz(a)anthracene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Chrysene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Bis(2-ethylhexyl) phthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Di-n-octyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Benzo(b)fluoranthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzo(k)fluoranthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzo(a)pyrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Dibenz(a,h)anthracene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzo(g,h,i)perylene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Surr: 2,4,6-Tribromophenol	145	18 - 139	S	%Rec	1	8/16/2018 8:24:59 PM
Surr: 2-Fluorobiphenyl	86.7	35 - 136		%Rec	1	8/16/2018 8:24:59 PM
Surr: Nitrobenzene-d5	73.3	34.7 - 136		%Rec	1	8/16/2018 8:24:59 PM
Surr: Phenol-d6	38.6	10 - 103		%Rec	1	8/16/2018 8:24:59 PM
Surr: p-Terphenyl	93.0	23.5 - 156		%Rec	1	8/16/2018 8:24:59 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	4.80		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Surr: Toluene-d8	98.4	65 - 135		%Rec	1	8/11/2018 2:33:02 PM
Surr: 4-Bromofluorobenzene	98.1	65 - 135		%Rec	1	8/11/2018 2:33:02 PM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chloromethane	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Vinyl chloride	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromomethane	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Trichlorofluoromethane (CFC-11)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chloroethane	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Methylene chloride	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1-Dichloroethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
2,2-Dichloropropane	ND	0.0961	Q	mg/Kg-dry	1	8/11/2018 2:33:02 PM
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chloroform	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,1-Trichloroethane (TCA)	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1-Dichloropropene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Carbon tetrachloride	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dichloroethane (EDC)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromodichloromethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Dibromomethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
cis-1,3-Dichloropropene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
trans-1,3-Dichloropropylene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,2-Trichloroethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,3-Dichloropropane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Tetrachloroethene (PCE)	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Dibromochloromethane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dibromoethane (EDB)	ND	0.00480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chlorobenzene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,1,2-Tetrachloroethane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromoform	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,2,2-Tetrachloroethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
2-Chlorotoluene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
4-Chlorotoluene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2,3-Trichloropropane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2,4-Trichlorobenzene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,3-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,4-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dibromo-3-chloropropane	ND	0.480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Hexachloro-1,3-butadiene	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2,3-Trichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Surr: Dibromofluoromethane	96.6	56.5 - 129		%Rec	1	8/11/2018 2:33:02 PM
Surr: Toluene-d8	90.4	64.5 - 151		%Rec	1	8/11/2018 2:33:02 PM
Surr: 1-Bromo-4-fluorobenzene	97.2	54.8 - 168		%Rec	1	8/11/2018 2:33:02 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 5:28:29 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 5:28:29 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1-Dichloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Benzene	8.86	10.0	JD	µg/L	10	8/17/2018 5:28:29 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Toluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 5:28:29 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 5:28:29 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 5:28:29 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 5:28:29 AM
Surr: Dibromofluoromethane	99.4	33.3 - 161	D	%Rec	10	8/17/2018 5:28:29 AM
Surr: Toluene-d8	102	67.3 - 147	D	%Rec	10	8/17/2018 5:28:29 AM
Surr: 4-Bromofluorobenzene	97.7	59.3 - 164	D	%Rec	10	8/17/2018 5:28:29 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.499		mg/Kg-dry	1	8/10/2018 8:41:56 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 5:13:24 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	18.3	0.380		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Barium	111	0.760		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Cadmium	0.933	0.304		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Chromium	36.2	0.152		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Lead	39.0	0.304		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Selenium	1.78	0.760		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Silver	0.175	0.152		mg/Kg-dry	1	8/10/2018 2:50:16 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 2:26:09 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:26:09 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:26:09 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:26:09 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:26:09 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:26:09 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:26:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	53.6			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	7.05			pH	1	8/13/2018 7:50:00 PM

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

pH by EPA Method 9045

Sample ID	MB-R45396	SampType:	MBLK	Units:	pH	Prep Date:	8/13/2018	RunNo:	45396
Client ID:	MBLKS	Batch ID:	R45396			Analysis Date:	8/13/2018	SeqNo:	878202

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hydrogen Ion (pH)	8.00										

Sample ID	LCS-R45396	SampType:	LCS	Units:	pH	Prep Date:	8/13/2018	RunNo:	45396
Client ID:	LCSS	Batch ID:	R45396			Analysis Date:	8/13/2018	SeqNo:	878203

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hydrogen Ion (pH)	7.09		7.000	0	101	95	105				

Sample ID	1808113-001ADUP	SampType:	DUP	Units:	pH	Prep Date:	8/13/2018	RunNo:	45396
Client ID:	ED #1	Batch ID:	R45396			Analysis Date:	8/13/2018	SeqNo:	878205

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hydrogen Ion (pH)	6.79							6.890	1.46	10	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **MB-21560** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **MBLKS** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877426**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.200									
Barium	ND	0.400									
Cadmium	ND	0.160									
Chromium	ND	0.0800									
Lead	ND	0.160									
Selenium	ND	0.400									
Silver	ND	0.0800									

Sample ID **LCS-21560** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **LCSS** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877429**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	34.7	0.194	38.76	0	89.6	80	120				
Barium	35.1	0.388	38.76	0	90.7	80	120				
Cadmium	1.93	0.155	1.938	0	99.7	80	120				
Chromium	36.7	0.0775	38.76	0	94.8	80	120				
Lead	18.8	0.155	19.38	0	97.1	80	120				
Selenium	3.40	0.388	3.876	0	87.7	80	120				
Silver	8.14	0.0775	9.690	0	84.0	80	120				

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	17.3	0.379						15.65	9.92	20	
Barium	195	0.758						179.1	8.73	20	
Cadmium	1.73	0.303						1.934	11.3	20	
Chromium	33.7	0.152						33.00	2.20	20	
Lead	49.4	0.303						47.82	3.31	20	
Selenium	1.41	0.758						1.287	9.25	20	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.152						0.1756	20.8	20	

Sample ID **1808113-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877433**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	79.0	0.374	74.72	15.65	84.8	75	125				
Barium	254	0.747	74.72	179.1	100	75	125				
Cadmium	6.13	0.299	3.736	1.934	112	75	125				
Chromium	100	0.149	74.72	33.00	90.2	75	125				
Lead	80.1	0.299	37.36	47.82	86.4	75	125				
Selenium	7.33	0.747	7.472	1.287	80.9	75	125				
Silver	10.2	0.149	18.68	0.1756	53.9	75	125				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877434**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	78.9	0.374	74.72	15.65	84.7	75	125	79.02	0.106	20	
Barium	231	0.747	74.72	179.1	69.9	75	125	253.9	9.35	20	S
Cadmium	5.25	0.299	3.736	1.934	88.7	75	125	6.128	15.4	20	
Chromium	101	0.149	74.72	33.00	90.5	75	125	100.4	0.214	20	
Lead	76.4	0.299	37.36	47.82	76.6	75	125	80.10	4.68	20	
Selenium	7.39	0.747	7.472	1.287	81.7	75	125	7.333	0.806	20	
Silver	10.2	0.149	18.68	0.1756	53.8	75	125	10.24	0.110	20	S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **1808113-001APDS** SampType: **PDS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	130	0.376	50.0	20.8	110	75	125				
Barium	342	0.753	50.0	238	104	75	125				
Cadmium	9.45	0.301	2.50	2.57	138	75	125				S
Chromium	157	0.151	50.0	43.9	114	75	125				
Lead	119	0.301	25.0	63.5	112	75	125				
Selenium	11.7	0.753	5.00	1.71	100	75	125				
Silver	4.06	0.151	2.50	0.233	76.6	75	125				

NOTES:
S - Spike recovery indicates a possible matrix effect. The method is in control as indicated by the Laboratory Control Sample (LCS).

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Mercury by EPA Method 7471

Sample ID	MB-21566	SampType:	MBLK	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	MBLKS	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877602

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.250									

Sample ID	LCS-21566	SampType:	LCS	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	LCSS	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877603

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.564	0.250	0.5000	0	113	80	120				

Sample ID	1808082-001ADUP	SampType:	DUP	Units:	mg/Kg-dry	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	BATCH	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877605

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.260						0		20	

Sample ID	1808082-001AMS	SampType:	MS	Units:	mg/Kg-dry	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	BATCH	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877606

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.572	0.260	0.5201	0.02346	105	70	130				

Sample ID	1808082-001AMSD	SampType:	MSD	Units:	mg/Kg-dry	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	BATCH	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877607

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.609	0.260	0.5201	0.02346	112	70	130	0.5721	6.17	20	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Mercury (SW7470) with TCLP Extraction (EPA 1311)

Sample ID	MB-21592	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	MBLKS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878658

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200									

Sample ID	LCS-21592	SampType:	LCS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	LCSS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878659

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00261	0.00200	0.002500	0	104	70	130				

Sample ID	1808113-001ADUP	SampType:	DUP	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #1	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878661

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200						0		20	

Sample ID	1808113-001AMS	SampType:	MS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #1	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878662

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00250	0.00200	0.002500	0	100	70	130				

Sample ID	1808113-001AMSD	SampType:	MSD	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #1	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878663

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00231	0.00200	0.002500	0	92.4	70	130	0.002500	7.90	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Mercury (SW7470) with TCLP Extraction (EPA 1311)

Sample ID	MB-21573FB	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	MBLKS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878669

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200									

Sample ID	MB2-21573FB	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	MBLKS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878670

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200									

Sample ID	1808113-005AMS	SampType:	MS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #4	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878673

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00265	0.00200	0.002500	0	106	70	130				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID	MB1-21589	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45418
Client ID:	MBLKS	Batch ID:	21589			Analysis Date:	8/14/2018	SeqNo:	878584

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									
Barium	ND	0.500									
Cadmium	ND	0.200									
Chromium	ND	0.100									
Lead	ND	0.200									
Selenium	ND	0.500									
Silver	ND	0.200									

Sample ID	MB2-21589	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45418
Client ID:	MBLKS	Batch ID:	21589			Analysis Date:	8/14/2018	SeqNo:	878585

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									
Barium	ND	0.500									
Cadmium	ND	0.200									
Chromium	ND	0.100									
Lead	ND	0.200									
Selenium	ND	0.500									
Silver	ND	0.200									

Sample ID	LCS-21589	SampType:	LCS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45418
Client ID:	LCSS	Batch ID:	21589			Analysis Date:	8/14/2018	SeqNo:	878586

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.81	0.100	5.000	0	96.2	65	135				
Barium	5.13	0.500	5.000	0	103	65	135				
Cadmium	0.243	0.200	0.2500	0	97.3	65	135				
Chromium	4.76	0.100	5.000	0	95.2	65	135				
Lead	2.33	0.200	2.500	0	93.1	65	135				
Selenium	0.471	0.500	0.5000	0	94.1	65	135				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID **LCS-21589** SampType: **LCS** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **LCSS** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878586**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	0.227	0.200	0.2500	0	90.6	65	135				

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #1** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878588**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100						0		30	
Barium	0.584	0.500						0.6585	11.9	30	
Cadmium	ND	0.200						0		30	
Chromium	ND	0.100						0		30	
Lead	ND	0.200						0		30	
Selenium	ND	0.500						0		30	
Silver	ND	0.200						0		30	

Sample ID **1808113-001AMS** SampType: **MS** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #1** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878589**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.16	0.100	5.000	0	103	65	135				
Barium	5.88	0.500	5.000	0.6585	105	65	135				
Cadmium	0.244	0.200	0.2500	0.006665	94.9	65	135				
Chromium	5.06	0.100	5.000	0	101	65	135				
Lead	2.40	0.200	2.500	0	96.2	65	135				
Selenium	0.509	0.500	0.5000	0	102	65	135				
Silver	0.145	0.200	0.2500	0	57.9	65	135				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #1** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878590**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.32	0.100	5.000	0	106	65	135	5.156	3.14	30	
Barium	6.18	0.500	5.000	0.6585	110	65	135	5.884	4.91	30	
Cadmium	0.268	0.200	0.2500	0.006665	105	65	135	0.2438	9.43	30	
Chromium	5.34	0.100	5.000	0	107	65	135	5.059	5.36	30	
Lead	2.44	0.200	2.500	0	97.7	65	135	2.404	1.62	30	
Selenium	0.521	0.500	0.5000	0	104	65	135	0.5087	2.44	30	
Silver	0.144	0.200	0.2500	0	57.5	65	135	0		30	S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID **1808113-005AMS** SampType: **MS** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #4** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878597**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.94	0.100	5.000	0.1812	95.1	65	135				
Barium	4.82	0.500	5.000	0.2149	92.1	65	135				
Cadmium	0.238	0.200	0.2500	0	95.2	65	135				
Chromium	5.07	0.100	5.000	0.02210	101	65	135				
Lead	2.39	0.200	2.500	0	95.7	65	135				
Selenium	0.501	0.500	0.5000	0	100	65	135				
Silver	0.146	0.200	0.2500	0	58.3	65	135				S

NOTES:
S - Spike recovery indicates a possible matrix effect. The method is in control as indicated by the Laboratory Control Sample (LCS).

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **MB-21562** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **MBLKS** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877909**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.6		20.00		83.0	50	150				
Surr: o-Terphenyl	19.5		20.00		97.6	50	150				

Sample ID **LCS-21562** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **LCSS** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877910**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	470	20.0	500.0	0	94.1	65	135				
Surr: 2-Fluorobiphenyl	16.8		20.00		84.2	50	150				
Surr: o-Terphenyl	19.8		20.00		98.8	50	150				

Sample ID **1808092-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.6						0		30	
Heavy Oil	ND	48.9						0		30	
Surr: 2-Fluorobiphenyl	16.2		19.58		82.7	50	150		0		
Surr: o-Terphenyl	18.3		19.58		93.6	50	150		0		

Sample ID **1808092-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877913**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	436	18.2	456.1	0	95.6	65	135				
Surr: 2-Fluorobiphenyl	15.3		18.24		83.9	50	150				
Surr: o-Terphenyl	18.1		18.24		99.0	50	150				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **1808092-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877913**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **1808092-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	462	18.6	465.1	0	99.4	65	135	435.9	5.91	30	
Surr: 2-Fluorobiphenyl	16.0		18.60		86.1	50	150		0		
Surr: o-Terphenyl	19.6		18.60		106	50	150		0		

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **ED #1** Batch ID: **21562** Analysis Date: **8/11/2018** SeqNo: **877921**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	35.7						41.33	13.8	30	
Diesel Range Organics (C12-C24)	36.0	35.7						41.33	13.8	30	
Heavy Oil	617	89.3						860.8	33.1	30	R
Surr: 2-Fluorobiphenyl	30.7		35.72		85.9	50	150		0		
Surr: o-Terphenyl	34.6		35.72		96.8	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Sample ID **MB-21575** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **MBLKS** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **877958**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.0		20.00		74.8	50	150				
Surr: o-Terphenyl	16.2		20.00		81.0	50	150				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **MB-21575** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **MBLKS** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **877958**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **LCS-21575** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **LCSS** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **877959**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	504	20.0	500.0	0	101	65	135				
Surr: 2-Fluorobiphenyl	15.8		20.00		79.1	50	150				
Surr: o-Terphenyl	17.8		20.00		89.0	50	150				

Sample ID **1808125-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878262**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.6						0		30	
Heavy Oil	ND	49.0						0		30	
Surr: 2-Fluorobiphenyl	13.8		19.61		70.6	50	150		0		
Surr: o-Terphenyl	15.5		19.61		79.1	50	150		0		

Sample ID **1808125-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	471	20.0	500.8	6.190	92.8	65	135				
Surr: 2-Fluorobiphenyl	14.7		20.03		73.3	50	150				
Surr: o-Terphenyl	17.2		20.03		86.1	50	150				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **1808125-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878264**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	512	21.1	527.1	6.190	96.0	65	135	471.1	8.33	30	
Surr: 2-Fluorobiphenyl	16.0		21.08		76.0	50	150		0		
Surr: o-Terphenyl	18.2		21.08		86.6	50	150		0		

Sample ID **1808134-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.2						0		30	
Heavy Oil	ND	47.9						0		30	
Surr: 2-Fluorobiphenyl	13.8		19.17		72.1	50	150		0		
Surr: o-Terphenyl	15.5		19.17		80.6	50	150		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID	MB-21563	SampType:	MBLK	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45373
Client ID:	MBLKS	Batch ID:	21563			Analysis Date:	8/10/2018	SeqNo:	877683

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.100									
Aroclor 1221	ND	0.100									
Aroclor 1232	ND	0.100									
Aroclor 1242	ND	0.100									
Aroclor 1248	ND	0.100									
Aroclor 1254	ND	0.100									
Aroclor 1260	ND	0.100									
Aroclor 1262	ND	0.100									
Aroclor 1268	ND	0.100									
Total PCBs	ND	0.100									
Surr: Decachlorobiphenyl	64.7		50.00		129	30.8	168				
Surr: Tetrachloro-m-xylene	56.7		50.00		113	30.3	157				

Sample ID	LCS1-21563	SampType:	LCS	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45373
Client ID:	LCSS	Batch ID:	21563			Analysis Date:	8/10/2018	SeqNo:	877684

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.960	0.100	1.000	0	96.0	38.5	149				
Aroclor 1260	1.05	0.100	1.000	0	105	35.4	154				
Surr: Decachlorobiphenyl	66.9		50.00		134	30.8	168				
Surr: Tetrachloro-m-xylene	56.1		50.00		112	30.3	157				

Sample ID	LCS2-21563	SampType:	LCS	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45373
Client ID:	LCSS	Batch ID:	21563			Analysis Date:	8/10/2018	SeqNo:	877685

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.03	0.100	1.000	0	103	31.9	167				
Surr: Decachlorobiphenyl	54.4		50.00		109	30.8	168				
Surr: Tetrachloro-m-xylene	55.7		50.00		111	30.3	157				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID **1808113-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45373**
Client ID: **ED #2** Batch ID: **21563** Analysis Date: **8/10/2018** SeqNo: **877687**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.178						0		30	
Aroclor 1221	ND	0.178						0		30	
Aroclor 1232	ND	0.178						0		30	
Aroclor 1242	ND	0.178						0		30	
Aroclor 1248	ND	0.178						0		30	
Aroclor 1254	ND	0.178						0		30	
Aroclor 1260	ND	0.178						0		30	
Aroclor 1262	ND	0.178						0		30	
Aroclor 1268	ND	0.178						0		30	
Total PCBs	ND	0.178						0		30	
Surr: Decachlorobiphenyl	74.3		89.02		83.5	30.8	168		0		
Surr: Tetrachloro-m-xylene	67.5		89.02		75.8	30.3	157		0		

Sample ID **1808113-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45373**
Client ID: **ED #2** Batch ID: **21563** Analysis Date: **8/10/2018** SeqNo: **877688**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.79	0.176	1.756	0	102	27.1	166				
Aroclor 1260	1.87	0.176	1.756	0.01160	106	20.6	168				
Surr: Decachlorobiphenyl	82.5		87.82		93.9	30.8	168				
Surr: Tetrachloro-m-xylene	71.6		87.82		81.6	30.3	157				

Sample ID **1808113-002AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45373**
Client ID: **ED #2** Batch ID: **21563** Analysis Date: **8/10/2018** SeqNo: **877689**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.76	0.181	1.810	0	97.4	27.1	166	1.795	1.86	30	
Aroclor 1260	1.91	0.181	1.810	0.01160	105	20.6	168	1.867	2.14	30	
Surr: Decachlorobiphenyl	90.8		90.49		100	30.8	168		0		
Surr: Tetrachloro-m-xylene	70.2		90.49		77.6	30.3	157		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID	**1808113-002AMSD**	SampType:	**MSD**	Units:	**mg/Kg-dry**	Prep Date:	**8/10/2018**	RunNo: **45373**
Client ID:	**ED #2**	Batch ID:	**21563**			Analysis Date:	**8/10/2018**	SeqNo: **877689**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID	MB-21565	SampType:	MBLK	Units:	µg/Kg	Prep Date:	8/10/2018	RunNo:	45394
Client ID:	MBLKS	Batch ID:	21565			Analysis Date:	8/13/2018	SeqNo:	878435

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	100									
Bis(2-chloroethyl) ether	ND	100									
2-Chlorophenol	ND	100									
1,3-Dichlorobenzene	ND	75.0									
1,4-Dichlorobenzene	ND	75.0									
1,2-Dichlorobenzene	ND	75.0									
Benzyl alcohol	ND	100									Q
2-Methylphenol (o-cresol)	ND	100									Q
Hexachloroethane	ND	100									
N-Nitrosodi-n-propylamine	ND	100									
Nitrobenzene	ND	100									
Isophorone	ND	100									
3&4-Methylphenol (m, p-cresol)	ND	100									
2-Nitrophenol	ND	100									
2,4-Dimethylphenol	ND	100									Q
Bis(2-chloroethoxy)methane	ND	75.0									
2,4-Dichlorophenol	ND	100									
1,2,4-Trichlorobenzene	ND	75.0									
Naphthalene	ND	50.0									
4-Chloroaniline	ND	75.0									
Hexachlorobutadiene	ND	75.0									
4-Chloro-3-methylphenol	ND	200									Q
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Hexachlorocyclopentadiene	ND	100									
2,4,6-Trichlorophenol	ND	100									
2,4,5-Trichlorophenol	ND	100									
2-Chloronaphthalene	ND	75.0									
2-Nitroaniline	ND	100									
Acenaphthene	ND	50.0									
Dimethylphthalate	ND	100									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID	MB-21565	SampType:	MBLK	Units:	µg/Kg	Prep Date:	8/10/2018	RunNo:	45394
Client ID:	MBLKS	Batch ID:	21565			Analysis Date:	8/13/2018	SeqNo:	878435

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	ND	100									
Acenaphthylene	ND	50.0									
2,4-Dinitrophenol	ND	525									
Dibenzofuran	ND	75.0									
2,4-Dinitrotoluene	ND	100									
4-Nitrophenol	ND	500									
Fluorene	ND	50.0									
4-Chlorophenyl phenyl ether	ND	75.0									
Diethylphthalate	ND	100									
4,6-Dinitro-2-methylphenol	ND	200									
4-Bromophenyl phenyl ether	ND	75.0									
Hexachlorobenzene	ND	75.0									
Pentachlorophenol	ND	100									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Carbazole	ND	75.0									
Di-n-butylphthalate	ND	100									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Butyl Benzylphthalate	ND	100									
bis(2-Ethylhexyl)adipate	ND	100									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
bis (2-Ethylhexyl) phthalate	ND	100									
Di-n-octyl phthalate	ND	100									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **MB-21565** SampType: **MBLK** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **MBLKS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	703		1,000		70.3	14.8	165				
Surr: 2-Fluorobiphenyl	308		500.0		61.6	17.8	151				
Surr: Nitrobenzene-d5	160		500.0		32.1	12.5	163				
Surr: Phenol-d6	828		1,000		82.8	11.6	133				
Surr: p-Terphenyl	550		500.0		110	22	176				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **LCS-21565** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **LCSS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	958	100	1,000	0	95.8	41.8	138				
Bis(2-chloroethyl) ether	970	100	1,000	0	97.0	20.1	145				
2-Chlorophenol	1,020	100	1,000	0	102	42.1	132				
1,3-Dichlorobenzene	894	75.0	1,000	0	89.4	35.9	128				
1,4-Dichlorobenzene	922	75.0	1,000	0	92.2	36.8	131				
1,2-Dichlorobenzene	937	75.0	1,000	0	93.7	41.8	128				
Benzyl alcohol	623	100	1,000	0	62.3	5	148				
2-Methylphenol (o-cresol)	844	100	1,000	0	84.4	47.2	134				
Hexachloroethane	619	100	1,000	0	61.9	25.4	144				
N-Nitrosodi-n-propylamine	1,120	100	1,000	0	112	39.8	135				
Nitrobenzene	1,070	100	1,000	0	107	46	131				
Isophorone	1,130	100	1,000	0	113	62.7	131				
3&4-Methylphenol (m, p-cresol)	438	100	500.0	0	87.6	48.6	128				
2-Nitrophenol	827	100	1,000	0	82.7	22.9	162				
2,4-Dimethylphenol	789	100	1,000	0	78.9	34	131				
Bis(2-chloroethoxy)methane	1,060	75.0	1,000	0	106	30.9	140				
2,4-Dichlorophenol	935	100	1,000	0	93.5	57.1	128				
1,2,4-Trichlorobenzene	1,060	75.0	1,000	0	106	36.2	140				
Naphthalene	1,080	50.0	1,000	0	108	52.9	131				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **LCS-21565** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **LCSS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloroaniline	860	75.0	1,000	0	86.0	10.4	130				
Hexachlorobutadiene	1,070	75.0	1,000	0	107	38.5	138				
4-Chloro-3-methylphenol	831	200	1,000	0	83.1	31.4	148				
2-Methylnaphthalene	1,230	50.0	1,000	0	123	47	132				
1-Methylnaphthalene	1,160	50.0	1,000	0	116	56.4	132				
Hexachlorocyclopentadiene	286	100	1,000	0	28.6	21	130				
2,4,6-Trichlorophenol	1,170	100	1,000	0	117	36.4	132				
2,4,5-Trichlorophenol	1,020	100	1,000	0	102	34.6	133				
2-Chloronaphthalene	1,120	75.0	1,000	0	112	55.7	133				
2-Nitroaniline	1,140	100	1,000	0	114	32.7	162				
Acenaphthene	1,120	50.0	1,000	0	112	49.2	127				
Dimethylphthalate	1,260	100	1,000	0	126	59.2	150				
2,6-Dinitrotoluene	1,100	100	1,000	0	110	45.7	153				
Acenaphthylene	1,180	50.0	1,000	0	118	53.7	137				
2,4-Dinitrophenol	591	525	2,000	0	29.6	7.9	119				
Dibenzofuran	1,150	75.0	1,000	0	115	38.2	125				
2,4-Dinitrotoluene	1,080	100	1,000	0	108	21.9	136				
4-Nitrophenol	1,200	500	1,000	0	120	25.4	138				
Fluorene	1,170	50.0	1,000	0	117	48.5	133				
4-Chlorophenyl phenyl ether	1,150	75.0	1,000	0	115	33.9	145				
Diethylphthalate	1,200	100	1,000	0	120	42.9	132				
4,6-Dinitro-2-methylphenol	343	200	1,000	0	34.3	10.4	129				
4-Bromophenyl phenyl ether	1,160	75.0	1,000	0	116	52.4	135				
Hexachlorobenzene	1,170	75.0	1,000	0	117	39.3	147				
Pentachlorophenol	1,210	100	1,000	0	121	10	123				
Phenanthrene	1,120	50.0	1,000	0	112	47.1	130				
Anthracene	1,160	50.0	1,000	0	116	59.2	135				
Carbazole	1,170	75.0	1,000	0	117	37	148				
Di-n-butylphthalate	1,190	100	1,000	0	119	46.6	145				
Fluoranthene	1,150	50.0	1,000	0	115	51.4	139				
Pyrene	1,160	50.0	1,000	0	116	45.4	140				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **LCS-21565** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **LCSS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Butyl Benzylphthalate	1,320	100	1,000	0	132	31.1	157				
bis(2-Ethylhexyl)adipate	1,240	100	1,000	0	124	28.7	160				
Benz(a)anthracene	1,160	50.0	1,000	0	116	44	150				
Chrysene	1,170	50.0	1,000	0	117	58.9	129				
bis (2-Ethylhexyl) phthalate	1,230	100	1,000	0	123	36.3	149				
Di-n-octyl phthalate	1,390	100	1,000	0	139	31.5	152				
Benzo(b)fluoranthene	1,240	50.0	1,000	0	124	45.6	146				
Benzo(k)fluoranthene	1,090	50.0	1,000	0	109	45.5	138				
Benzo(a)pyrene	1,110	50.0	1,000	0	111	35.6	148				
Indeno(1,2,3-cd)pyrene	938	50.0	1,000	0	93.8	44.2	146				
Dibenz(a,h)anthracene	1,000	50.0	1,000	0	100	37.5	152				
Benzo(g,h,i)perylene	867	50.0	1,000	0	86.7	24.1	156				
Surr: 2,4,6-Tribromophenol	1,480		1,000		148	14.8	165				
Surr: 2-Fluorobiphenyl	442		500.0		88.4	17.8	151				
Surr: Nitrobenzene-d5	263		500.0		52.7	12.5	163				
Surr: Phenol-d6	924		1,000		92.4	11.6	133				
Surr: p-Terphenyl	609		500.0		122	22	176				

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	192						0		50	
Bis(2-chloroethyl) ether	ND	192						0		50	
2-Chlorophenol	ND	192						0		50	
1,3-Dichlorobenzene	ND	144						0		50	
1,4-Dichlorobenzene	ND	144						0		50	
1,2-Dichlorobenzene	ND	144						0		50	
Benzyl alcohol	ND	192						0		50	Q
2-Methylphenol (o-cresol)	ND	192						0		50	Q

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	192						0		50	
N-Nitrosodi-n-propylamine	ND	192						0		50	
Nitrobenzene	ND	192						0		50	
Isophorone	ND	192						0		50	
3&4-Methylphenol (m, p-cresol)	ND	192						0		50	
2-Nitrophenol	ND	192						0		50	
2,4-Dimethylphenol	ND	192						0		50	Q
Bis(2-chloroethoxy)methane	ND	144						0		50	
2,4-Dichlorophenol	ND	192						0		50	
1,2,4-Trichlorobenzene	ND	144						0		50	
Naphthalene	ND	95.9						0		50	
4-Chloroaniline	ND	144						0		50	
Hexachlorobutadiene	ND	144						0		50	
4-Chloro-3-methylphenol	ND	384						0		50	Q
2-Methylnaphthalene	ND	95.9						0		50	
1-Methylnaphthalene	ND	95.9						0		50	
Hexachlorocyclopentadiene	ND	192						0		50	
2,4,6-Trichlorophenol	ND	192						0		50	
2,4,5-Trichlorophenol	ND	192						0		50	
2-Chloronaphthalene	ND	144						0		50	
2-Nitroaniline	ND	192						0		50	
Acenaphthene	ND	95.9						0		50	
Dimethylphthalate	ND	192						530.9	183	50	R
2,6-Dinitrotoluene	ND	192						0		50	
Acenaphthylene	ND	95.9						0		50	
2,4-Dinitrophenol	ND	1,010						0		50	
Dibenzofuran	ND	144						0		50	
2,4-Dinitrotoluene	ND	192						0		50	
4-Nitrophenol	ND	959						0		50	
Fluorene	ND	95.9						0		50	
4-Chlorophenyl phenyl ether	ND	144						0		50	

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylphthalate	ND	192						0		50	
4,6-Dinitro-2-methylphenol	ND	384						0		50	
4-Bromophenyl phenyl ether	ND	144						0		50	
Hexachlorobenzene	ND	144						0		50	
Pentachlorophenol	ND	192						0		50	
Phenanthrene	ND	95.9						0		50	
Anthracene	ND	95.9						0		50	
Carbazole	ND	144						0		50	
Di-n-butylphthalate	ND	192						0		50	
Fluoranthene	ND	95.9						0		50	
Pyrene	ND	95.9						0		50	
Butyl Benzylphthalate	ND	192						0		50	
bis(2-Ethylhexyl)adipate	ND	192						0		50	
Benz(a)anthracene	ND	95.9						0		50	
Chrysene	ND	95.9						0		50	
bis (2-Ethylhexyl) phthalate	404	192						380.1	6.16	50	
Di-n-octyl phthalate	ND	192						0		50	
Benzo(b)fluoranthene	ND	95.9						0		50	
Benzo(k)fluoranthene	ND	95.9						0		50	
Benzo(a)pyrene	ND	95.9						0		50	
Indeno(1,2,3-cd)pyrene	ND	95.9						0		50	
Dibenz(a,h)anthracene	ND	95.9						0		50	
Benzo(g,h,i)perylene	ND	95.9						0		50	
Surr: 2,4,6-Tribromophenol	2,530		1,918		132	14.8	165		0		
Surr: 2-Fluorobiphenyl	835		959.0		87.1	17.8	151		0		
Surr: Nitrobenzene-d5	712		959.0		74.3	12.5	163		0		
Surr: Phenol-d6	1,690		1,918		88.2	11.6	133		0		
Surr: p-Terphenyl	1,120		959.0		117	22	176		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID	**1808113-001AMS**	SampType:	**MS**	Units:	**µg/Kg-dry**	Prep Date:	**8/10/2018**	RunNo:	**45394**
Client ID:	**ED #1**	Batch ID:	**21565**			Analysis Date:	**8/13/2018**	SeqNo:	**878438**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1,780	200	1,997	0	89.0	29.2	146				
Bis(2-chloroethyl) ether	1,830	200	1,997	0	91.4	34.4	135				
2-Chlorophenol	1,870	200	1,997	0	93.7	44	134				
1,3-Dichlorobenzene	1,560	150	1,997	0	78.3	21.1	133				
1,4-Dichlorobenzene	1,650	150	1,997	0	82.7	20.9	131				
1,2-Dichlorobenzene	1,710	150	1,997	0	85.5	35	131				
Benzyl alcohol	942	200	1,997	0	47.2	10	144				
2-Methylphenol (o-cresol)	1,550	200	1,997	0	77.7	22	128				
Hexachloroethane	979	200	1,997	0	49.0	15.4	139				
N-Nitrosodi-n-propylamine	2,000	200	1,997	0	100	26.4	151				
Nitrobenzene	2,040	200	1,997	0	102	32.2	125				
Isophorone	2,120	200	1,997	0	106	44	127				
3&4-Methylphenol (m, p-cresol)	663	200	998.7	0	66.4	37.6	125				
2-Nitrophenol	1,710	200	1,997	0	85.8	33.5	132				
2,4-Dimethylphenol	612	200	1,997	0	30.6	46	158				S
Bis(2-chloroethoxy)methane	1,970	150	1,997	0	98.8	46.8	121				
2,4-Dichlorophenol	1,950	200	1,997	0	97.8	33.9	133				
1,2,4-Trichlorobenzene	2,060	150	1,997	0	103	29.2	140				
Naphthalene	2,050	99.9	1,997	0	103	32.4	137				
4-Chloroaniline	1,260	150	1,997	0	63.3	27	126				
Hexachlorobutadiene	1,960	150	1,997	0	98.3	38.2	138				
4-Chloro-3-methylphenol	1,540	399	1,997	0	77.3	36.8	159				
2-Methylnaphthalene	2,150	99.9	1,997	0	108	39.3	126				
1-Methylnaphthalene	2,210	99.9	1,997	0	110	32.6	136				
Hexachlorocyclopentadiene	672	200	1,997	0	33.6	10	133				
2,4,6-Trichlorophenol	2,330	200	1,997	0	117	30.6	140				
2,4,5-Trichlorophenol	2,400	200	1,997	0	120	34.1	141				
2-Chloronaphthalene	2,120	150	1,997	0	106	42.1	124				
2-Nitroaniline	2,130	200	1,997	0	107	39.3	145				
Acenaphthene	2,150	99.9	1,997	0	108	49.6	129				
Dimethylphthalate	2,380	200	1,997	530.9	92.7	32.9	137				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878438**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	1,990	200	1,997	0	99.4	30.3	136				
Acenaphthylene	2,290	99.9	1,997	0	115	39.9	129				
2,4-Dinitrophenol	1020	1,050	3,995	0	25.4	5	154				
Dibenzofuran	2,200	150	1,997	0	110	41.2	128				
2,4-Dinitrotoluene	1,890	200	1,997	0	94.6	30.9	139				
4-Nitrophenol	2,220	999	1,997	0	111	15.6	160				
Fluorene	2,240	99.9	1,997	0	112	37.7	133				
4-Chlorophenyl phenyl ether	2,160	150	1,997	0	108	34.5	129				
Diethylphthalate	2,280	200	1,997	55.12	111	36.7	130				
4,6-Dinitro-2-methylphenol	603	399	1,997	0	30.2	21.9	143				
4-Bromophenyl phenyl ether	2,320	150	1,997	0	116	29.7	148				
Hexachlorobenzene	2,300	150	1,997	0	115	34.3	131				
Pentachlorophenol	2,950	200	1,997	0	148	28.2	156				
Phenanthrene	2,150	99.9	1,997	0	107	32.2	139				
Anthracene	2,180	99.9	1,997	0	109	41.2	136				
Carbazole	2,180	150	1,997	0	109	32	147				
Di-n-butylphthalate	2,310	200	1,997	0	116	35.1	142				
Fluoranthene	2,300	99.9	1,997	24.63	114	33.8	141				
Pyrene	2,320	99.9	1,997	28.15	115	31.4	151				
Butyl Benzylphthalate	2,560	200	1,997	0	128	30.4	138				
bis(2-Ethylhexyl)adipate	2,300	200	1,997	0	115	32	136				
Benz(a)anthracene	2,320	99.9	1,997	0	116	36	138				
Chrysene	2,310	99.9	1,997	0	116	25.5	136				
bis (2-Ethylhexyl) phthalate	2,940	200	1,997	380.1	128	40.8	170				
Di-n-octyl phthalate	2,760	200	1,997	0	138	34.6	142				
Benzo(b)fluoranthene	2,650	99.9	1,997	43.93	130	31.8	166				
Benzo(k)fluoranthene	2,060	99.9	1,997	0	103	30.8	152				
Benzo(a)pyrene	2,270	99.9	1,997	28.33	112	31.1	153				
Indeno(1,2,3-cd)pyrene	1,760	99.9	1,997	0	88.2	38.1	155				
Dibenz(a,h)anthracene	1,990	99.9	1,997	0	99.8	40.7	152				
Benzo(g,h,i)perylene	1,700	99.9	1,997	0	85.1	34	157				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878438**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	2,820		1,997		141	14.8	165				
Surr: 2-Fluorobiphenyl	810		998.7		81.1	17.8	151				
Surr: Nitrobenzene-d5	681		998.7		68.2	12.5	163				
Surr: Phenol-d6	1,640		1,997		82.3	11.6	133				
Surr: p-Terphenyl	1,160		998.7		116	22	176				

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1,780	197	1,967	0	90.7	29.2	146	1,778	0.285	50	
Bis(2-chloroethyl) ether	1,590	197	1,967	0	80.8	34.4	135	1,825	13.8	50	
2-Chlorophenol	1,670	197	1,967	0	84.7	44	134	1,871	11.6	50	
1,3-Dichlorobenzene	1,510	148	1,967	0	76.9	21.1	133	1,563	3.29	50	
1,4-Dichlorobenzene	1,530	148	1,967	0	77.8	20.9	131	1,653	7.66	50	
1,2-Dichlorobenzene	1,620	148	1,967	0	82.4	35	131	1,708	5.18	50	
Benzyl alcohol	868	197	1,967	0	44.1	10	144	942.0	8.15	50	
2-Methylphenol (o-cresol)	1,490	197	1,967	0	75.9	22	128	1,553	3.88	50	
Hexachloroethane	983	197	1,967	0	50.0	15.4	139	979.4	0.379	50	
N-Nitrosodi-n-propylamine	1,810	197	1,967	0	92.1	26.4	151	1,998	9.79	50	
Nitrobenzene	1,750	197	1,967	0	88.9	32.2	125	2,036	15.2	50	
Isophorone	1,830	197	1,967	0	93.2	44	127	2,119	14.5	50	
3&4-Methylphenol (m, p-cresol)	770	197	983.5	0	78.3	37.6	125	662.7	15.0	50	
2-Nitrophenol	1,370	197	1,967	0	69.6	33.5	132	1,713	22.3	50	
2,4-Dimethylphenol	535	197	1,967	0	27.2	46	158	611.6	13.4	50	S
Bis(2-chloroethoxy)methane	1,780	148	1,967	0	90.6	46.8	121	1,973	10.2	50	
2,4-Dichlorophenol	1,720	197	1,967	0	87.2	33.9	133	1,954	13.0	50	
1,2,4-Trichlorobenzene	1,870	148	1,967	0	95.1	29.2	140	2,056	9.44	50	
Naphthalene	1,930	98.4	1,967	0	98.3	32.4	137	2,050	5.86	50	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloroaniline	1,130	148	1,967	0	57.4	27	126	1,264	11.3	50	
Hexachlorobutadiene	1,860	148	1,967	0	94.7	38.2	138	1,963	5.18	50	
4-Chloro-3-methylphenol	1,390	393	1,967	0	70.6	36.8	159	1,544	10.6	50	
2-Methylnaphthalene	2,010	98.4	1,967	0	102	39.3	126	2,147	6.42	50	
1-Methylnaphthalene	2,020	98.4	1,967	0	103	32.6	136	2,207	8.79	50	
Hexachlorocyclopentadiene	237	197	1,967	0	12.0	10	133	671.9	95.8	50	R
2,4,6-Trichlorophenol	1,870	197	1,967	0	95.1	30.6	140	2,333	22.0	50	
2,4,5-Trichlorophenol	1,760	197	1,967	0	89.2	34.1	141	2,401	31.1	50	
2-Chloronaphthalene	2,010	148	1,967	0	102	42.1	124	2,123	5.31	50	
2-Nitroaniline	1,970	197	1,967	0	100	39.3	145	2,129	7.76	50	
Acenaphthene	1,980	98.4	1,967	0	101	49.6	129	2,148	8.25	50	
Dimethylphthalate	2,240	197	1,967	530.9	86.7	32.9	137	2,383	6.41	50	
2,6-Dinitrotoluene	1,800	197	1,967	0	91.3	30.3	136	1,986	10.1	50	
Acenaphthylene	2,080	98.4	1,967	0	106	39.9	129	2,288	9.73	50	
2,4-Dinitrophenol	455	1,030	3,934	0	11.6	5	154	0		50	
Dibenzofuran	1,980	148	1,967	0	101	41.2	128	2,203	10.7	50	
2,4-Dinitrotoluene	1,740	197	1,967	0	88.5	30.9	139	1,890	8.21	50	
4-Nitrophenol	1,990	984	1,967	0	101	15.6	160	2,222	11.3	50	
Fluorene	2,000	98.4	1,967	0	101	37.7	133	2,236	11.3	50	
4-Chlorophenyl phenyl ether	2,020	148	1,967	0	103	34.5	129	2,157	6.56	50	
Diethylphthalate	2,050	197	1,967	55.12	102	36.7	130	2,277	10.4	50	
4,6-Dinitro-2-methylphenol	318	393	1,967	0	16.2	21.9	143	602.7	61.9	50	S
4-Bromophenyl phenyl ether	2,040	148	1,967	0	104	29.7	148	2,319	12.7	50	
Hexachlorobenzene	1,990	148	1,967	0	101	34.3	131	2,297	14.4	50	
Pentachlorophenol	2,600	197	1,967	0	132	28.2	156	2,951	12.7	50	
Phenanthrene	2,030	98.4	1,967	0	103	32.2	139	2,147	5.37	50	
Anthracene	2,020	98.4	1,967	0	103	41.2	136	2,181	7.60	50	
Carbazole	2,110	148	1,967	0	107	32	147	2,181	3.41	50	
Di-n-butylphthalate	2,160	197	1,967	0	110	35.1	142	2,313	6.84	50	
Fluoranthene	2,110	98.4	1,967	24.63	106	33.8	141	2,304	8.85	50	
Pyrene	2,190	98.4	1,967	28.15	110	31.4	151	2,321	5.87	50	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Butyl Benzylphthalate	2,370	197	1,967	0	121	30.4	138	2,558	7.48	50	
bis(2-Ethylhexyl)adipate	2,100	197	1,967	0	107	32	136	2,304	9.29	50	
Benz(a)anthracene	2,140	98.4	1,967	0	109	36	138	2,315	7.66	50	
Chrysene	2,120	98.4	1,967	0	108	25.5	136	2,312	8.76	50	
bis (2-Ethylhexyl) phthalate	2,880	197	1,967	380.1	127	40.8	170	2,937	1.96	50	
Di-n-octyl phthalate	2,450	197	1,967	0	124	34.6	142	2,759	12.0	50	
Benzo(b)fluoranthene	2,240	98.4	1,967	43.93	112	31.8	166	2,650	16.6	50	
Benzo(k)fluoranthene	1,800	98.4	1,967	0	91.5	30.8	152	2,057	13.3	50	
Benzo(a)pyrene	1,910	98.4	1,967	28.33	95.4	31.1	153	2,271	17.5	50	
Indeno(1,2,3-cd)pyrene	1,540	98.4	1,967	0	78.2	38.1	155	1,762	13.5	50	
Dibenz(a,h)anthracene	1,640	98.4	1,967	0	83.2	40.7	152	1,994	19.7	50	
Benzo(g,h,i)perylene	1,400	98.4	1,967	0	71.1	34	157	1,699	19.3	50	
Surr: 2,4,6-Tribromophenol	2,620		1,967		133	14.8	165		0		
Surr: 2-Fluorobiphenyl	850		983.5		86.4	17.8	151		0		
Surr: Nitrobenzene-d5	758		983.5		77.1	12.5	163		0		
Surr: Phenol-d6	1,620		1,967		82.4	11.6	133		0		
Surr: p-Terphenyl	1,090		983.5		111	22	176		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB-21591**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880784**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	2.00									
2-Chlorophenol	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
Benzyl alcohol	ND	1.00									Q
Bis(2-chloroethyl) ether	ND	2.00									
2-Methylphenol (o-cresol)	ND	1.00									
Hexachloroethane	ND	1.00									
N-Nitrosodi-n-propylamine	ND	1.00									
Nitrobenzene	ND	2.00									
Isophorone	ND	1.00									
3&4-Methylphenol (m, p-cresol)	ND	1.00									Q*
2-Nitrophenol	ND	2.00									
2,4-Dimethylphenol	ND	1.00									
Bis(2-chloroethoxy)methane	ND	1.00									
2,4-Dichlorophenol	ND	2.00									
1,2,4-Trichlorobenzene	ND	1.00									
Naphthalene	ND	0.500									
4-Chloroaniline	ND	5.00									
Hexachlorobutadiene	ND	1.00									
4-Chloro-3-methylphenol	ND	5.00									
2-Methylnaphthalene	ND	0.500									
1-Methylnaphthalene	ND	0.500									
Hexachlorocyclopentadiene	ND	1.00									Q
2,4,6-Trichlorophenol	ND	2.00									
2,4,5-Trichlorophenol	ND	2.00									
2-Chloronaphthalene	ND	1.00									
2-Nitroaniline	ND	5.00									
Acenaphthene	ND	0.500									
Dimethylphthalate	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB-21591**	SampType:	**MBLK**			Units:	**µg/L**	Prep Date:	**8/14/2018**		RunNo:	**45519**	
Client ID:	**MBLKS**	Batch ID:	**21591**					Analysis Date:	**8/16/2018**		SeqNo:	**880784**	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	ND	1.00									
Acenaphthylene	ND	0.500									
2,4-Dinitrophenol	ND	2.00									Q*
Dibenzofuran	ND	1.00									
2,4-Dinitrotoluene	ND	1.00									
4-Nitrophenol	ND	5.00									
Fluorene	ND	0.500									
4-Chlorophenyl phenyl ether	ND	1.00									
Diethylphthalate	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	5.00									Q*
4-Bromophenyl phenyl ether	ND	1.00									
Hexachlorobenzene	ND	1.00									
Pentachlorophenol	ND	2.00									Q
Phenanthrene	ND	0.500									
Anthracene	ND	0.500									
Carbazole	ND	5.00									
Di-n-butyl phthalate	ND	1.00									
Fluoranthene	ND	0.500									
Pyrene	ND	0.500									
Benzyl Butylphthalate	ND	1.00									
bis(2-Ethylhexyl)adipate	ND	1.00									
Benz(a)anthracene	ND	0.500									
Chrysene	ND	0.500									
Bis(2-ethylhexyl) phthalate	ND	1.00									
Di-n-octyl phthalate	ND	1.00									
Benzo(b)fluoranthene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB-21591**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880784**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	4.40		4.000		110	18	139				
Surr: 2-Fluorobiphenyl	1.33		2.000		66.6	35	136				
Surr: Nitrobenzene-d5	0.959		2.000		48.0	34.7	136				
Surr: Phenol-d6	0.789		4.000		19.7	10	72.6				
Surr: p-Terphenyl	1.77		2.000		88.6	23.5	156				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Sample ID	**MB 1-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	2.00									
2-Chlorophenol	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
Benzyl alcohol	ND	1.00									Q
Bis(2-chloroethyl) ether	ND	2.00									
2-Methylphenol (o-cresol)	ND	1.00									
Hexachloroethane	ND	1.00									
N-Nitrosodi-n-propylamine	ND	1.00									
Nitrobenzene	ND	2.00									
Isophorone	ND	1.00									
3&4-Methylphenol (m, p-cresol)	ND	1.00									Q*
2-Nitrophenol	ND	2.00									
2,4-Dimethylphenol	ND	1.00									
Bis(2-chloroethoxy)methane	ND	1.00									
2,4-Dichlorophenol	ND	2.00									
1,2,4-Trichlorobenzene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB 1-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo: **45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo: **880785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.500									
4-Chloroaniline	ND	5.00									
Hexachlorobutadiene	ND	1.00									
4-Chloro-3-methylphenol	ND	5.00									
2-Methylnaphthalene	ND	0.500									
1-Methylnaphthalene	ND	0.500									
Hexachlorocyclopentadiene	ND	1.00									Q
2,4,6-Trichlorophenol	ND	2.00									
2,4,5-Trichlorophenol	ND	2.00									
2-Chloronaphthalene	ND	1.00									
2-Nitroaniline	ND	5.00									
Acenaphthene	ND	0.500									
Dimethylphthalate	ND	1.00									
2,6-Dinitrotoluene	ND	1.00									
Acenaphthylene	ND	0.500									
2,4-Dinitrophenol	ND	2.00									Q*
Dibenzofuran	ND	1.00									
2,4-Dinitrotoluene	ND	1.00									
4-Nitrophenol	ND	5.00									
Fluorene	ND	0.500									
4-Chlorophenyl phenyl ether	ND	1.00									
Diethylphthalate	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	5.00									Q*
4-Bromophenyl phenyl ether	ND	1.00									
Hexachlorobenzene	ND	1.00									
Pentachlorophenol	ND	2.00									Q
Phenanthrene	ND	0.500									
Anthracene	ND	0.500									
Carbazole	ND	5.00									
Di-n-butyl phthalate	ND	1.00									
Fluoranthene	ND	0.500									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **MB 1-TCLP** SampType: **MBLK** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **MBLKS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	ND	0.500									
Benzyl Butylphthalate	ND	1.00									
bis(2-Ethylhexyl)adipate	ND	1.00									
Benz(a)anthracene	ND	0.500									
Chrysene	ND	0.500									
Bis(2-ethylhexyl) phthalate	ND	1.00									
Di-n-octyl phthalate	ND	1.00									
Benzo(b)fluoranthene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									
Surr: 2,4,6-Tribromophenol	5.19		4.000		130	18	139				
Surr: 2-Fluorobiphenyl	1.86		2.000		92.8	35	136				
Surr: Nitrobenzene-d5	1.58		2.000		78.9	34.7	136				
Surr: Phenol-d6	1.22		4.000		30.6	10	72.6				
Surr: p-Terphenyl	2.04		2.000		102	23.5	156				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Sample ID **MB 2-TCLP** SampType: **MBLK** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **MBLKS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	2.00									
2-Chlorophenol	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB 2-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo: **45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo: **880786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl alcohol	ND	1.00									Q
Bis(2-chloroethyl) ether	ND	2.00									
2-Methylphenol (o-cresol)	ND	1.00									
Hexachloroethane	ND	1.00									
N-Nitrosodi-n-propylamine	ND	1.00									
Nitrobenzene	ND	2.00									
Isophorone	ND	1.00									
3&4-Methylphenol (m, p-cresol)	ND	1.00									Q*
2-Nitrophenol	ND	2.00									
2,4-Dimethylphenol	ND	1.00									
Bis(2-chloroethoxy)methane	ND	1.00									
2,4-Dichlorophenol	ND	2.00									
1,2,4-Trichlorobenzene	ND	1.00									
Naphthalene	ND	0.500									
4-Chloroaniline	ND	5.00									
Hexachlorobutadiene	ND	1.00									
4-Chloro-3-methylphenol	ND	5.00									
2-Methylnaphthalene	ND	0.500									
1-Methylnaphthalene	ND	0.500									
Hexachlorocyclopentadiene	ND	1.00									Q
2,4,6-Trichlorophenol	ND	2.00									
2,4,5-Trichlorophenol	ND	2.00									
2-Chloronaphthalene	ND	1.00									
2-Nitroaniline	ND	5.00									
Acenaphthene	ND	0.500									
Dimethylphthalate	ND	1.00									
2,6-Dinitrotoluene	ND	1.00									
Acenaphthylene	ND	0.500									
2,4-Dinitrophenol	ND	2.00									Q*
Dibenzofuran	ND	1.00									
2,4-Dinitrotoluene	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **MB 2-TCLP**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **8/14/2018**	RunNo: **45519**	
Client ID: **MBLKS**	Batch ID: **21591**		Analysis Date: **8/16/2018**	SeqNo: **880786**	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	5.00									
Fluorene	ND	0.500									
4-Chlorophenyl phenyl ether	ND	1.00									
Diethylphthalate	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	5.00									Q*
4-Bromophenyl phenyl ether	ND	1.00									
Hexachlorobenzene	ND	1.00									
Pentachlorophenol	ND	2.00									Q
Phenanthrene	ND	0.500									
Anthracene	ND	0.500									
Carbazole	ND	5.00									
Di-n-butyl phthalate	ND	1.00									
Fluoranthene	ND	0.500									
Pyrene	ND	0.500									
Benzyl Butylphthalate	ND	1.00									
bis(2-Ethylhexyl)adipate	ND	1.00									
Benz(a)anthracene	ND	0.500									
Chrysene	ND	0.500									
Bis(2-ethylhexyl) phthalate	ND	1.00									
Di-n-octyl phthalate	ND	1.00									
Benzo(b)fluoranthene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									
Surr: 2,4,6-Tribromophenol	5.10		4.000		128	18	139				
Surr: 2-Fluorobiphenyl	1.81		2.000		90.4	35	136				
Surr: Nitrobenzene-d5	1.47		2.000		73.3	34.7	136				
Surr: Phenol-d6	1.17		4.000		29.3	10	72.6				
Surr: p-Terphenyl	2.09		2.000		105	23.5	156				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB 2-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Sample ID	**LCS-21591**	SampType:	**LCS**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**LCSS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1.70	2.00	4.000	0	42.6	20	86.2				
2-Chlorophenol	2.43	1.00	4.000	0	60.8	25	112				
1,3-Dichlorobenzene	2.67	1.00	4.000	0	66.8	25	108				
1,4-Dichlorobenzene	2.67	1.00	4.000	0	66.9	25	110				
1,2-Dichlorobenzene	2.75	1.00	4.000	0	68.8	25	109				
Benzyl alcohol	1.64	1.00	4.000	0	40.9	20	96.5				
Bis(2-chloroethyl) ether	2.39	2.00	4.000	0	59.8	25	111				
2-Methylphenol (o-cresol)	2.02	1.00	4.000	0	50.5	25	101				
Hexachloroethane	2.34	1.00	4.000	0	58.4	25	109				
N-Nitrosodi-n-propylamine	2.74	1.00	4.000	0	68.6	25	122				
Nitrobenzene	2.74	2.00	4.000	0	68.5	25	110				
Isophorone	3.00	1.00	4.000	0	75.0	25	126				
3&4-Methylphenol (m, p-cresol)	0.945	1.00	4.000	0	23.6	25	113				S
2-Nitrophenol	3.08	2.00	4.000	0	76.9	25	126				
2,4-Dimethylphenol	2.61	1.00	4.000	0	65.2	25	124				
Bis(2-chloroethoxy)methane	2.85	1.00	4.000	0	71.2	25	121				
2,4-Dichlorophenol	3.26	2.00	4.000	0	81.4	29.1	110				
1,2,4-Trichlorobenzene	3.04	1.00	4.000	0	76.0	25	113				
Naphthalene	3.17	0.500	4.000	0	79.3	25	115				
4-Chloroaniline	3.18	5.00	4.000	0	79.6	25	136				
Hexachlorobutadiene	3.02	1.00	4.000	0	75.6	25	111				
4-Chloro-3-methylphenol	2.56	5.00	4.000	0	63.9	32.3	122				
2-Methylnaphthalene	3.57	0.500	4.000	0	89.2	25	119				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **LCS-21591** SampType: **LCS** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.44	0.500	4.000	0	86.0	25	117				
Hexachlorocyclopentadiene	2.49	1.00	4.000	0	62.3	25	125				
2,4,6-Trichlorophenol	3.96	2.00	4.000	0	98.9	25	133				
2,4,5-Trichlorophenol	3.71	2.00	4.000	0	92.8	25	125				
2-Chloronaphthalene	3.53	1.00	4.000	0	88.2	25	121				
2-Nitroaniline	3.43	5.00	4.000	0	85.7	25	121				
Acenaphthene	3.64	0.500	4.000	0	90.9	25	120				
Dimethylphthalate	3.97	1.00	4.000	0	99.2	25	133				
2,6-Dinitrotoluene	3.88	1.00	4.000	0	97.1	25	131				
Acenaphthylene	3.74	0.500	4.000	0	93.6	25	128				
2,4-Dinitrophenol	0.231	2.00	4.000	0	5.79	39.2	124				S
Dibenzofuran	3.72	1.00	4.000	0	93.0	25	121				
2,4-Dinitrotoluene	4.07	1.00	4.000	0	102	25	132				
4-Nitrophenol	3.53	5.00	4.000	0	88.3	20	106				
Fluorene	3.79	0.500	4.000	0	94.8	25	127				
4-Chlorophenyl phenyl ether	3.88	1.00	4.000	0	97.1	25	124				
Diethylphthalate	3.89	1.00	4.000	0	97.2	31.3	142				
4,6-Dinitro-2-methylphenol	0.473	5.00	4.000	0	11.8	25	139				S
4-Bromophenyl phenyl ether	3.92	1.00	4.000	0	98.0	25	130				
Hexachlorobenzene	3.82	1.00	4.000	0	95.5	29	120				
Pentachlorophenol	1.79	2.00	4.000	0	44.8	20	137				
Phenanthrene	3.71	0.500	4.000	0	92.8	34	125				
Anthracene	3.38	0.500	4.000	0	84.5	27.7	134				
Carbazole	3.91	5.00	4.000	0	97.7	27.9	150				
Di-n-butyl phthalate	3.76	1.00	4.000	0	94.1	49.9	124				
Fluoranthene	3.73	0.500	4.000	0	93.3	34.8	143				
Pyrene	3.77	0.500	4.000	0	94.1	35.5	140				
Benzyl Butylphthalate	3.72	1.00	4.000	0	93.1	51.4	144				
bis(2-Ethylhexyl)adipate	2.77	1.00	4.000	0	69.4	40.1	152				
Benz(a)anthracene	3.62	0.500	4.000	0	90.5	27.2	132				
Chrysene	3.63	0.500	4.000	0	90.8	39.5	123				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **LCS-21591** SampType: **LCS** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl) phthalate	2.85	1.00	4.000	0	71.3	37.6	141				
Di-n-octyl phthalate	2.91	1.00	4.000	0	72.8	39.1	143				
Benzo(b)fluoranthene	3.62	0.500	4.000	0	90.6	37.8	123				
Benzo(k)fluoranthene	3.37	0.500	4.000	0	84.2	25	144				
Benzo(a)pyrene	3.23	0.500	4.000	0	80.8	24.9	125				
Indeno(1,2,3-cd)pyrene	3.04	0.500	4.000	0	76.1	25	127				
Dibenz(a,h)anthracene	3.16	0.500	4.000	0	78.9	25	132				
Benzo(g,h,i)perylene	2.93	0.500	4.000	0	73.1	25	133				
Surr: 2,4,6-Tribromophenol	4.53		4.000		113	18	139				
Surr: 2-Fluorobiphenyl	1.87		2.000		93.6	35	136				
Surr: Nitrobenzene-d5	1.48		2.000		74.0	34.7	136				
Surr: Phenol-d6	1.04		4.000		25.9	10	72.6				
Surr: p-Terphenyl	2.00		2.000		100	23.5	156				

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a *.

Sample ID **LCSD-21591** SampType: **LCSD** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS02** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880788**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1.59	2.00	4.000	0	39.9	20	86.2	0		30	
2-Chlorophenol	2.06	1.00	4.000	0	51.4	25	112	2.432	16.8	30	
1,3-Dichlorobenzene	2.19	1.00	4.000	0	54.8	25	108	2.672	19.7	30	
1,4-Dichlorobenzene	2.23	1.00	4.000	0	55.7	25	110	2.675	18.2	30	
1,2-Dichlorobenzene	2.27	1.00	4.000	0	56.7	25	109	2.752	19.4	30	
Benzyl alcohol	1.44	1.00	4.000	0	35.9	20	96.5	1.636	13.0	30	
Bis(2-chloroethyl) ether	2.09	2.00	4.000	0	52.3	25	111	2.393	13.4	30	
2-Methylphenol (o-cresol)	1.88	1.00	4.000	0	46.9	25	101	2.022	7.52	30	
Hexachloroethane	1.78	1.00	4.000	0	44.5	25	109	2.337	27.0	30	
N-Nitrosodi-n-propylamine	2.53	1.00	4.000	0	63.3	25	122	2.743	7.97	30	
Nitrobenzene	2.45	2.00	4.000	0	61.2	25	110	2.739	11.2	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **LCSD-21591** SampType: **LCSD** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS02** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880788**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isophorone	2.73	1.00	4.000	0	68.2	25	126	2.998	9.45	30	
3&4-Methylphenol (m, p-cresol)	0.893	1.00	4.000	0	22.3	25	113	0		30	S
2-Nitrophenol	2.73	2.00	4.000	0	68.2	25	126	3.075	12.0	30	
2,4-Dimethylphenol	2.39	1.00	4.000	0	59.8	25	124	2.607	8.54	30	
Bis(2-chloroethoxy)methane	2.55	1.00	4.000	0	63.6	25	121	2.849	11.3	30	
2,4-Dichlorophenol	2.93	2.00	4.000	0	73.2	29.1	110	3.257	10.7	30	
1,2,4-Trichlorobenzene	2.57	1.00	4.000	0	64.3	25	113	3.040	16.6	30	
Naphthalene	2.91	0.500	4.000	0	72.7	25	115	3.172	8.69	30	
4-Chloroaniline	3.11	5.00	4.000	0	77.7	25	136	0		30	
Hexachlorobutadiene	2.48	1.00	4.000	0	61.9	25	111	3.022	19.9	30	
4-Chloro-3-methylphenol	2.41	5.00	4.000	0	60.1	32.3	122	0		30	
2-Methylnaphthalene	3.25	0.500	4.000	0	81.3	25	119	3.566	9.21	30	
1-Methylnaphthalene	3.12	0.500	4.000	0	77.9	25	117	3.438	9.82	30	
Hexachlorocyclopentadiene	2.01	1.00	4.000	0	50.3	25	125	2.493	21.4	30	
2,4,6-Trichlorophenol	3.78	2.00	4.000	0	94.5	25	133	3.957	4.53	30	
2,4,5-Trichlorophenol	3.68	2.00	4.000	0	91.9	25	125	3.711	0.950	30	
2-Chloronaphthalene	3.26	1.00	4.000	0	81.5	25	121	3.527	7.84	30	
2-Nitroaniline	3.41	5.00	4.000	0	85.2	25	121	0		30	
Acenaphthene	3.50	0.500	4.000	0	87.4	25	120	3.638	4.00	30	
Dimethylphthalate	4.10	1.00	4.000	0	102	25	133	3.966	3.28	30	
2,6-Dinitrotoluene	3.95	1.00	4.000	0	98.8	25	131	3.883	1.79	30	
Acenaphthylene	3.65	0.500	4.000	0	91.2	25	128	3.742	2.60	30	
2,4-Dinitrophenol	1.13	2.00	4.000	0	28.2	39.2	124	0		30	S
Dibenzofuran	3.57	1.00	4.000	0	89.3	25	121	3.719	4.06	30	
2,4-Dinitrotoluene	4.30	1.00	4.000	0	107	25	132	4.072	5.42	30	
4-Nitrophenol	3.31	5.00	4.000	0	82.8	20	106	0		30	
Fluorene	3.63	0.500	4.000	0	90.8	25	127	3.792	4.29	30	
4-Chlorophenyl phenyl ether	3.66	1.00	4.000	0	91.5	25	124	3.883	5.88	30	
Diethylphthalate	3.95	1.00	4.000	0	98.8	31.3	142	3.887	1.61	30	
4,6-Dinitro-2-methylphenol	1.09	5.00	4.000	0	27.2	25	139	0		30	
4-Bromophenyl phenyl ether	4.07	1.00	4.000	0	102	25	130	3.921	3.76	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**LCSD-21591**	SampType:	**LCSD**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**LCSS02**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880788**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	3.87	1.00	4.000	0	96.8	29	120	3.821	1.30	30	
Pentachlorophenol	2.73	2.00	4.000	0	68.3	20	137	1.792	41.5	30	
Phenanthrene	3.88	0.500	4.000	0	97.1	34	125	3.711	4.53	30	
Anthracene	3.66	0.500	4.000	0	91.6	27.7	134	3.380	8.08	30	
Carbazole	4.36	5.00	4.000	0	109	27.9	150	0		30	
Di-n-butyl phthalate	4.35	1.00	4.000	0	109	49.9	124	3.763	14.4	30	
Fluoranthene	4.20	0.500	4.000	0	105	34.8	143	3.730	11.9	30	
Pyrene	4.28	0.500	4.000	0	107	35.5	140	3.765	12.9	30	
Benzyl Butylphthalate	4.32	1.00	4.000	0	108	51.4	144	3.723	14.9	30	
bis(2-Ethylhexyl)adipate	3.50	1.00	4.000	0	87.5	40.1	152	2.774	23.1	30	
Benz(a)anthracene	4.18	0.500	4.000	0	104	27.2	132	3.620	14.3	30	
Chrysene	4.22	0.500	4.000	0	105	39.5	123	3.634	14.8	30	
Bis(2-ethylhexyl) phthalate	3.56	1.00	4.000	0	89.1	37.6	141	2.852	22.2	30	
Di-n-octyl phthalate	3.57	1.00	4.000	0	89.3	39.1	143	2.913	20.3	30	
Benzo(b)fluoranthene	4.39	0.500	4.000	0	110	37.8	123	3.623	19.1	30	
Benzo(k)fluoranthene	3.60	0.500	4.000	0	89.9	25	144	3.369	6.52	30	
Benzo(a)pyrene	3.75	0.500	4.000	0	93.8	24.9	125	3.231	14.9	30	
Indeno(1,2,3-cd)pyrene	3.63	0.500	4.000	0	90.7	25	127	3.045	17.5	30	
Dibenz(a,h)anthracene	3.72	0.500	4.000	0	93.0	25	132	3.158	16.3	30	
Benzo(g,h,i)perylene	3.48	0.500	4.000	0	86.9	25	133	2.925	17.2	30	
Surr: 2,4,6-Tribromophenol	4.66		4.000		117	18	139		0		
Surr: 2-Fluorobiphenyl	1.53		2.000		76.5	35	136		0		
Surr: Nitrobenzene-d5	1.15		2.000		57.7	34.7	136		0		
Surr: Phenol-d6	0.959		4.000		24.0	10	72.6		0		
Surr: p-Terphenyl	2.03		2.000		102	23.5	156		0		

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a *.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **LCS-21567** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **LCSS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877772**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.0	5.00	25.00	0	92.0	65	135				
Surr: Toluene-d8	1.25		1.250		99.9	65	135				
Surr: 4-Bromofluorobenzene	1.28		1.250		102	65	135				

Sample ID **MB-21567** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **MBLKS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877773**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.24		1.250		99.2	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.250		101	65	135				

Sample ID **1808092-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	3.67						0		30	
Surr: Toluene-d8	0.911		0.9187		99.1	65	135		0		
Surr: 4-Bromofluorobenzene	0.939		0.9187		102	65	135		0		

Sample ID **1808092-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877759**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	2.98						0		30	
Surr: Toluene-d8	0.732		0.7448		98.2	65	135		0		
Surr: 4-Bromofluorobenzene	0.743		0.7448		99.8	65	135		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1808113-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **ED #2** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877762**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	42.9	6.40	32.00	0	134	65	135				
Surr: Toluene-d8	1.58		1.600		98.5	65	135				
Surr: 4-Bromofluorobenzene	1.60		1.600		100	65	135				

Sample ID **1808113-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **ED #2** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877763**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	32.6	6.40	32.00	0	102	65	135	42.88	27.1	30	
Surr: Toluene-d8	1.57		1.600		98.3	65	135		0		
Surr: 4-Bromofluorobenzene	1.60		1.600		100	65	135		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21567** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **LCSS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877870**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.03	0.0200	1.000	0	103	14.3	167				
Chloromethane	0.936	0.0500	1.000	0	93.6	32	156				
Vinyl chloride	1.13	0.0250	1.000	0	113	43.4	151				
Bromomethane	1.87	0.0500	1.000	0	187	35	155				S
Trichlorofluoromethane (CFC-11)	2.00	0.0200	1.000	0	200	33.8	156				S
Chloroethane	1.78	0.0500	1.000	0	178	33.1	147				S
1,1-Dichloroethene	1.33	0.0200	1.000	0	133	30.9	145				
Methylene chloride	1.26	0.0200	1.000	0	126	46.3	140				
trans-1,2-Dichloroethene	1.31	0.0200	1.000	0	131	68	130				S
1,1-Dichloroethane	1.22	0.0200	1.000	0	122	61.9	137				
2,2-Dichloropropane	1.06	0.100	1.000	0	106	35.5	186				
cis-1,2-Dichloroethene	1.11	0.0200	1.000	0	111	71.3	135				
Chloroform	1.13	0.0200	1.000	0	113	69	145				
1,1,1-Trichloroethane (TCA)	1.13	0.0250	1.000	0	113	69	132				
1,1-Dichloropropene	1.14	0.0200	1.000	0	114	72.7	131				
Carbon tetrachloride	1.06	0.0250	1.000	0	106	63.4	137				
1,2-Dichloroethane (EDC)	1.15	0.0200	1.000	0	115	50.9	162				
Trichloroethene (TCE)	1.09	0.0200	1.000	0	109	65.5	137				
1,2-Dichloropropane	1.09	0.0200	1.000	0	109	63.2	142				
Bromodichloromethane	1.16	0.0200	1.000	0	116	53.4	131				
Dibromomethane	1.16	0.0200	1.000	0	116	60.1	146				
cis-1,3-Dichloropropene	1.11	0.0200	1.000	0	111	59.1	143				
trans-1,3-Dichloropropylene	1.05	0.0200	1.000	0	105	49.2	149				
1,1,2-Trichloroethane	1.15	0.0200	1.000	0	115	56.9	147				
1,3-Dichloropropane	1.16	0.0250	1.000	0	116	56.1	153				
Tetrachloroethene (PCE)	1.26	0.0250	1.000	0	126	52.7	150				
Dibromochloromethane	1.12	0.0250	1.000	0	112	70.6	144				
1,2-Dibromoethane (EDB)	1.14	0.00500	1.000	0	114	50.5	154				
Chlorobenzene	1.04	0.0250	1.000	0	104	84.9	125				
1,1,1,2-Tetrachloroethane	1.04	0.0250	1.000	0	104	65.9	141				
Bromoform	1.01	0.0500	1.000	0	101	44.3	130				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21567** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **LCSS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877870**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	0.859	0.0200	1.000	0	85.9	44.8	165				
Bromobenzene	0.983	0.0200	1.000	0	98.3	49.2	144				
2-Chlorotoluene	1.02	0.0250	1.000	0	102	76.7	129				
4-Chlorotoluene	1.03	0.0250	1.000	0	103	77.5	125				
1,2,3-Trichloropropane	0.839	0.0250	1.000	0	83.9	67.9	136				
1,2,4-Trichlorobenzene	1.02	0.0250	1.000	0	102	65.5	150				
1,3-Dichlorobenzene	1.09	0.0200	1.000	0	109	48.6	144				
1,4-Dichlorobenzene	1.09	0.0200	1.000	0	109	72.6	126				
1,2-Dichlorobenzene	1.04	0.0200	1.000	0	104	72.8	126				
1,2-Dibromo-3-chloropropane	0.879	0.500	1.000	0	87.9	40.2	155				
Hexachloro-1,3-butadiene	1.04	0.0500	1.000	0	104	42	151				
1,2,3-Trichlorobenzene	0.989	0.0200	1.000	0	98.9	64.5	149				
Surr: Dibromofluoromethane	1.36		1.250		109	56.5	129				
Surr: Toluene-d8	1.34		1.250		107	64.5	151				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		101	54.8	168				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID **MB-21567** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **MBLKS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877871**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID	MB-21567	SampType:	MBLK	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45382
Client ID:	MBLKS	Batch ID:	21567			Analysis Date:	8/11/2018	SeqNo:	877871

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0250									
1,2-Dichloroethane (EDC)	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
Bromobenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-21567** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **MBLKS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877871**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.24		1.250		99.1	56.5	129				
Surr: Toluene-d8	1.33		1.250		106	64.5	151				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	54.8	168				

Sample ID **1808092-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0147						0		30	
Chloromethane	ND	0.0367						0		30	
Vinyl chloride	ND	0.0184						0		30	
Bromomethane	ND	0.0367						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0147						0		30	
Chloroethane	ND	0.0367						0		30	
1,1-Dichloroethene	ND	0.0147						0		30	
Methylene chloride	ND	0.0147						0		30	
trans-1,2-Dichloroethene	ND	0.0147						0		30	
1,1-Dichloroethane	ND	0.0147						0		30	
2,2-Dichloropropane	ND	0.0735						0		30	Q
cis-1,2-Dichloroethene	ND	0.0147						0		30	
Chloroform	ND	0.0147						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0184						0		30	
1,1-Dichloropropene	ND	0.0147						0		30	
Carbon tetrachloride	ND	0.0184						0		30	
1,2-Dichloroethane (EDC)	ND	0.0147						0		30	
Trichloroethene (TCE)	ND	0.0147						0		30	
1,2-Dichloropropane	ND	0.0147						0		30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808092-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	0.0147						0		30	
Dibromomethane	ND	0.0147						0		30	
cis-1,3-Dichloropropene	ND	0.0147						0		30	
trans-1,3-Dichloropropylene	ND	0.0147						0		30	
1,1,2-Trichloroethane	ND	0.0147						0		30	
1,3-Dichloropropane	ND	0.0184						0		30	
Tetrachloroethene (PCE)	ND	0.0184						0		30	
Dibromochloromethane	ND	0.0184						0		30	
1,2-Dibromoethane (EDB)	ND	0.00367						0		30	
Chlorobenzene	ND	0.0184						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0184						0		30	
Bromoform	ND	0.0367						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0147						0		30	
Bromobenzene	ND	0.0147						0		30	
2-Chlorotoluene	ND	0.0184						0		30	
4-Chlorotoluene	ND	0.0184						0		30	
1,2,3-Trichloropropane	ND	0.0184						0		30	
1,2,4-Trichlorobenzene	ND	0.0184						0		30	
1,3-Dichlorobenzene	ND	0.0147						0		30	
1,4-Dichlorobenzene	ND	0.0147						0		30	
1,2-Dichlorobenzene	ND	0.0147						0		30	
1,2-Dibromo-3-chloropropane	ND	0.367						0		30	
Hexachloro-1,3-butadiene	ND	0.0367						0		30	
1,2,3-Trichlorobenzene	ND	0.0147						0		30	
Surr: Dibromofluoromethane	0.911		0.9187		99.1	56.5	129		0		
Surr: Toluene-d8	0.984		0.9187		107	64.5	151		0		
Surr: 1-Bromo-4-fluorobenzene	0.930		0.9187		101	54.8	168		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808092-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877856**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0119						0		30	
Chloromethane	ND	0.0298						0		30	
Vinyl chloride	ND	0.0149						0		30	
Bromomethane	ND	0.0298						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0119						0		30	
Chloroethane	ND	0.0298						0		30	
1,1-Dichloroethene	ND	0.0119						0		30	
Methylene chloride	ND	0.0119						0		30	
trans-1,2-Dichloroethene	ND	0.0119						0		30	
1,1-Dichloroethane	ND	0.0119						0		30	
2,2-Dichloropropane	ND	0.0596						0		30	Q
cis-1,2-Dichloroethene	ND	0.0119						0		30	
Chloroform	ND	0.0119						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0149						0		30	
1,1-Dichloropropene	ND	0.0119						0		30	
Carbon tetrachloride	ND	0.0149						0		30	
1,2-Dichloroethane (EDC)	ND	0.0119						0		30	
Trichloroethene (TCE)	ND	0.0119						0		30	
1,2-Dichloropropane	ND	0.0119						0		30	
Bromodichloromethane	ND	0.0119						0		30	
Dibromomethane	ND	0.0119						0		30	
cis-1,3-Dichloropropene	ND	0.0119						0		30	
trans-1,3-Dichloropropylene	ND	0.0119						0		30	
1,1,2-Trichloroethane	ND	0.0119						0		30	
1,3-Dichloropropane	ND	0.0149						0		30	
Tetrachloroethene (PCE)	ND	0.0149						0		30	
Dibromochloromethane	ND	0.0149						0		30	
1,2-Dibromoethane (EDB)	ND	0.00298						0		30	
Chlorobenzene	ND	0.0149						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0149						0		30	
Bromoform	ND	0.0298						0		30	

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808092-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877856**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	0.0119						0		30	
Bromobenzene	ND	0.0119						0		30	
2-Chlorotoluene	ND	0.0149						0		30	
4-Chlorotoluene	ND	0.0149						0		30	
1,2,3-Trichloropropane	ND	0.0149						0		30	
1,2,4-Trichlorobenzene	ND	0.0149						0		30	
1,3-Dichlorobenzene	ND	0.0119						0		30	
1,4-Dichlorobenzene	ND	0.0119						0		30	
1,2-Dichlorobenzene	ND	0.0119						0		30	
1,2-Dibromo-3-chloropropane	ND	0.298						0		30	
Hexachloro-1,3-butadiene	ND	0.0298						0		30	
1,2,3-Trichlorobenzene	ND	0.0119						0		30	
Surr: Dibromofluoromethane	0.745		0.7448		100	56.5	129		0		
Surr: Toluene-d8	0.801		0.7448		108	64.5	151		0		
Surr: 1-Bromo-4-fluorobenzene	0.735		0.7448		98.6	54.8	168		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808113-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.36	0.0243	1.214	0	112	43.5	121				
Chloromethane	1.12	0.0607	1.214	0	92.4	45	130				
Vinyl chloride	1.32	0.0304	1.214	0	108	43.6	150				
Bromomethane	1.54	0.0607	1.214	0	127	21.3	120				S
Trichlorofluoromethane (CFC-11)	1.61	0.0243	1.214	0	132	35	131				S
Chloroethane	1.57	0.0607	1.214	0	129	31.9	123				S
1,1-Dichloroethene	1.42	0.0243	1.214	0	117	47.3	147				
Methylene chloride	1.28	0.0243	1.214	0	105	54.7	142				
trans-1,2-Dichloroethene	1.29	0.0243	1.214	0	106	52	136				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808113-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	1.20	0.0243	1.214	0	99.0	51.8	141				
2,2-Dichloropropane	0.801	0.121	1.214	0	66.0	36	123				
cis-1,2-Dichloroethene	1.23	0.0243	1.214	0	101	58.6	136				
Chloroform	1.25	0.0243	1.214	0	103	53.2	129				
1,1,1-Trichloroethane (TCA)	1.31	0.0304	1.214	0	108	58.3	145				
1,1-Dichloropropene	1.30	0.0243	1.214	0	107	55.1	138				
Carbon tetrachloride	1.26	0.0304	1.214	0	104	53.3	144				
1,2-Dichloroethane (EDC)	1.21	0.0243	1.214	0	99.2	51.3	139				
Trichloroethene (TCE)	1.26	0.0243	1.214	0	104	61.6	147				
1,2-Dichloropropane	1.23	0.0243	1.214	0	102	59	136				
Bromodichloromethane	1.20	0.0243	1.214	0	98.7	50.7	141				
Dibromomethane	1.24	0.0243	1.214	0	102	50.6	137				
cis-1,3-Dichloropropene	1.07	0.0243	1.214	0	88.5	50.4	138				
trans-1,3-Dichloropropylene	1.04	0.0243	1.214	0	85.3	44.1	147				
1,1,2-Trichloroethane	1.18	0.0243	1.214	0	97.4	51.6	137				
1,3-Dichloropropane	1.20	0.0304	1.214	0	98.5	53.1	134				
Tetrachloroethene (PCE)	1.29	0.0304	1.214	0	106	35.6	158				
Dibromochloromethane	1.16	0.0304	1.214	0	95.8	55.3	140				
1,2-Dibromoethane (EDB)	1.19	0.00607	1.214	0	98.4	50.4	136				
Chlorobenzene	1.23	0.0304	1.214	0	101	60	133				
1,1,1,2-Tetrachloroethane	1.20	0.0304	1.214	0	98.8	53.1	142				
Bromoform	1.19	0.0607	1.214	0	97.9	57.9	130				
1,1,2,2-Tetrachloroethane	1.05	0.0243	1.214	0	86.4	51.9	131				
Bromobenzene	1.18	0.0243	1.214	0	97.4	54.2	140				
2-Chlorotoluene	1.21	0.0304	1.214	0	99.6	51.6	136				
4-Chlorotoluene	1.20	0.0304	1.214	0	99.1	50.1	139				
1,2,3-Trichloropropane	0.975	0.0304	1.214	0	80.3	50.5	131				
1,2,4-Trichlorobenzene	1.13	0.0304	1.214	0	93.4	50.8	130				
1,3-Dichlorobenzene	1.23	0.0243	1.214	0	102	52.6	131				
1,4-Dichlorobenzene	1.23	0.0243	1.214	0	102	52.9	129				
1,2-Dichlorobenzene	1.22	0.0243	1.214	0	100	55.8	129				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808113-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.992	0.607	1.214	0	81.7	40.5	131				
Hexachloro-1,3-butadiene	1.19	0.0607	1.214	0	98.0	40.6	158				
1,2,3-Trichlorobenzene	1.11	0.0243	1.214	0	91.4	54.4	124				
Surr: Dibromofluoromethane	1.58		1.518		104	56.5	129				
Surr: Toluene-d8	1.38		1.518		90.8	64.5	151				
Surr: 1-Bromo-4-fluorobenzene	1.51		1.518		99.7	54.8	168				

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID **1808113-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.35	0.0243	1.214	0	111	43.5	121	1.358	0.614	30	
Chloromethane	1.19	0.0607	1.214	0	98.1	45	130	1.123	5.98	30	
Vinyl chloride	1.32	0.0304	1.214	0	109	43.6	150	1.316	0.399	30	
Bromomethane	1.64	0.0607	1.214	0	135	21.3	120	1.542	6.35	30	S
Trichlorofluoromethane (CFC-11)	1.70	0.0243	1.214	0	140	35	131	1.608	5.40	30	S
Chloroethane	1.61	0.0607	1.214	0	133	31.9	123	1.566	3.00	30	S
1,1-Dichloroethene	1.46	0.0243	1.214	0	120	47.3	147	1.417	2.71	30	
Methylene chloride	1.29	0.0243	1.214	0	107	54.7	142	1.276	1.42	30	
trans-1,2-Dichloroethene	1.31	0.0243	1.214	0	108	52	136	1.292	1.60	30	
1,1-Dichloroethane	1.26	0.0243	1.214	0	103	51.8	141	1.202	4.38	30	
2,2-Dichloropropane	0.806	0.121	1.214	0	66.3	36	123	0.8014	0.531	30	
cis-1,2-Dichloroethene	1.22	0.0243	1.214	0	101	58.6	136	1.231	0.716	30	
Chloroform	1.24	0.0243	1.214	0	102	53.2	129	1.247	0.913	30	
1,1,1-Trichloroethane (TCA)	1.33	0.0304	1.214	0	109	58.3	145	1.307	1.63	30	
1,1-Dichloropropene	1.27	0.0243	1.214	0	105	55.1	138	1.301	2.36	30	
Carbon tetrachloride	1.33	0.0304	1.214	0	109	53.3	144	1.264	4.68	30	
1,2-Dichloroethane (EDC)	1.19	0.0243	1.214	0	98.0	51.3	139	1.205	1.25	30	
Trichloroethene (TCE)	1.26	0.0243	1.214	0	104	61.6	147	1.264	0.438	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808113-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	1.18	0.0243	1.214	0	97.0	59	136	1.234	4.65	30	
Bromodichloromethane	1.23	0.0243	1.214	0	101	50.7	141	1.199	2.54	30	
Dibromomethane	1.22	0.0243	1.214	0	101	50.6	137	1.239	1.24	30	
cis-1,3-Dichloropropene	1.10	0.0243	1.214	0	90.4	50.4	138	1.075	2.14	30	
trans-1,3-Dichloropropylene	1.06	0.0243	1.214	0	86.9	44.1	147	1.036	1.87	30	
1,1,2-Trichloroethane	1.17	0.0243	1.214	0	96.6	51.6	137	1.183	0.906	30	
1,3-Dichloropropane	1.18	0.0304	1.214	0	97.4	53.1	134	1.196	1.09	30	
Tetrachloroethene (PCE)	1.27	0.0304	1.214	0	105	35.6	158	1.286	1.32	30	
Dibromochloromethane	1.17	0.0304	1.214	0	96.7	55.3	140	1.163	0.916	30	
1,2-Dibromoethane (EDB)	1.18	0.00607	1.214	0	96.9	50.4	136	1.194	1.49	30	
Chlorobenzene	1.24	0.0304	1.214	0	102	60	133	1.228	1.24	30	
1,1,1,2-Tetrachloroethane	1.25	0.0304	1.214	0	103	53.1	142	1.199	3.89	30	
Bromoform	1.24	0.0607	1.214	0	102	57.9	130	1.189	3.85	30	
1,1,2,2-Tetrachloroethane	1.06	0.0243	1.214	0	87.5	51.9	131	1.050	1.27	30	
Bromobenzene	1.16	0.0243	1.214	0	95.8	54.2	140	1.183	1.69	30	
2-Chlorotoluene	1.23	0.0304	1.214	0	101	51.6	136	1.209	1.52	30	
4-Chlorotoluene	1.22	0.0304	1.214	0	100	50.1	139	1.203	1.24	30	
1,2,3-Trichloropropane	0.998	0.0304	1.214	0	82.2	50.5	131	0.9751	2.35	30	
1,2,4-Trichlorobenzene	1.19	0.0304	1.214	0	98.2	50.8	130	1.135	5.00	30	
1,3-Dichlorobenzene	1.28	0.0243	1.214	0	105	52.6	131	1.234	3.30	30	
1,4-Dichlorobenzene	1.27	0.0243	1.214	0	105	52.9	129	1.233	3.32	30	
1,2-Dichlorobenzene	1.25	0.0243	1.214	0	103	55.8	129	1.216	2.71	30	
1,2-Dibromo-3-chloropropane	1.07	0.607	1.214	0	88.0	40.5	131	0.9919	7.41	30	
Hexachloro-1,3-butadiene	1.22	0.0607	1.214	0	101	40.6	158	1.190	2.81	30	
1,2,3-Trichlorobenzene	1.17	0.0243	1.214	0	96.7	54.4	124	1.110	5.70	30	
Surr: Dibromofluoromethane	1.57		1.518		104	56.5	129		0		
Surr: Toluene-d8	1.34		1.518		88.6	64.5	151		0		
Surr: 1-Bromo-4-fluorobenzene	1.52		1.518		100	54.8	168		0		

NOTES:
S - Outlying spike recovery(ies) observed.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **LCS-21628** SampType: **LCS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **LCSW** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880355**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	26.2	1.00	20.00	0	131	20.7	172				
Chloromethane	23.5	2.00	20.00	0	118	21.1	162				
Vinyl chloride	21.6	0.200	20.00	0	108	61	129				
Bromomethane	30.5	1.00	20.00	0	153	56	181				
Trichlorofluoromethane (CFC-11)	21.7	1.00	20.00	0	109	44.7	177				
Chloroethane	21.8	1.00	20.00	0	109	62.6	135				
1,1-Dichloroethylene	21.8	1.00	20.00	0	109	62.3	136				
Methylene chloride	22.4	1.00	20.00	0	112	59.9	132				
trans-1,2-Dichloroethene	21.8	1.00	20.00	0	109	70	130				
Methyl tert-butyl ether (MTBE)	21.5	1.00	20.00	0	107	70	130				
1,1-Dichloroethane	21.7	1.00	20.00	0	108	70	130				
2,2-Dichloropropane	29.0	2.00	20.00	0	145	56.2	150				
cis-1,2-Dichloroethene	22.0	1.00	20.00	0	110	70	130				
Chloroform	22.2	1.00	20.00	0	111	70	130				
1,1,1-Trichloroethane (TCA)	21.0	1.00	20.00	0	105	70	130				
1,1-Dichloropropene	21.7	1.00	20.00	0	108	70	130				
Carbon tetrachloride	20.0	1.00	20.00	0	100	70	130				
1,2-Dichloroethane (EDC)	22.5	1.00	20.00	0	112	70	130				
Benzene	23.1	1.00	20.00	0	115	73.9	125				
Trichloroethene (TCE)	21.7	0.500	20.00	0	109	59.7	125				
1,2-Dichloropropane	21.6	1.00	20.00	0	108	70	130				
Bromodichloromethane	20.9	1.00	20.00	0	105	70	130				
Dibromomethane	22.1	1.00	20.00	0	110	70	130				
cis-1,3-Dichloropropene	22.9	1.00	20.00	0	114	70	130				
Toluene	22.6	1.00	20.00	0	113	73	126				
trans-1,3-Dichloropropene	23.1	1.00	20.00	0	115	70	130				
1,1,2-Trichloroethane	22.3	1.00	20.00	0	112	70	130				
1,3-Dichloropropane	22.4	1.00	20.00	0	112	70	130				
Tetrachloroethene (PCE)	21.6	1.00	20.00	0	108	50	116				
Dibromochloromethane	20.3	1.00	20.00	0	102	70	130				
1,2-Dibromoethane (EDB)	22.3	0.250	20.00	0	111	70	130				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **LCS-21628** SampType: **LCS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **LCSW** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880355**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	21.7	1.00	20.00	0	109	75.1	121				
1,1,1,2-Tetrachloroethane	20.6	1.00	20.00	0	103	70	130				
Ethylbenzene	21.8	1.00	20.00	0	109	70	130				
m,p-Xylene	43.9	1.00	40.00	0	110	70	130				
o-Xylene	22.2	1.00	20.00	0	111	70	130				
Styrene	22.0	1.00	20.00	0	110	70	130				
Isopropylbenzene	21.4	1.00	20.00	0	107	70	130				
Bromoform	17.9	2.00	20.00	0	89.5	70	130				
1,1,2,2-Tetrachloroethane	21.5	1.00	20.00	0	107	70	130				
n-Propylbenzene	21.9	1.00	20.00	0	110	70	130				
Bromobenzene	21.4	1.00	20.00	0	107	70	130				
1,3,5-Trimethylbenzene	21.9	1.00	20.00	0	110	70	130				
2-Chlorotoluene	20.9	1.00	20.00	0	104	70	130				
4-Chlorotoluene	22.5	1.00	20.00	0	113	70	130				
tert-Butylbenzene	22.0	1.00	20.00	0	110	70	130				
1,2,3-Trichloropropane	21.5	1.00	20.00	0	108	70	130				
1,2,4-Trichlorobenzene	21.1	2.00	20.00	0	105	70	130				
sec-Butylbenzene	22.1	1.00	20.00	0	111	70	130				
4-Isopropyltoluene	22.0	1.00	20.00	0	110	70	130				
1,3-Dichlorobenzene	23.0	1.00	20.00	0	115	70	130				
1,4-Dichlorobenzene	22.2	1.00	20.00	0	111	70	130				
n-Butylbenzene	21.9	1.00	20.00	0	109	70	130				
1,2-Dichlorobenzene	21.5	1.00	20.00	0	108	70	130				
1,2-Dibromo-3-chloropropane	16.3	1.00	20.00	0	81.7	70	130				
1,2,4-Trimethylbenzene	22.2	1.00	20.00	0	111	70	130				
Hexachloro-1,3-butadiene	20.7	4.00	20.00	0	104	70	130				
Naphthalene	20.2	1.00	20.00	0	101	70	130				
1,2,3-Trichlorobenzene	21.0	4.00	20.00	0	105	70	130				
Surr: Dibromofluoromethane	26.1		25.00		104	33.3	161				
Surr: Toluene-d8	25.9		25.00		104	67.3	147				
Surr: 4-Bromofluorobenzene	24.8		25.00		99.0	59.3	164				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	LCS-21628	SampType:	LCS	Units:	µg/L	Prep Date:	8/16/2018	RunNo:	45518
Client ID:	LCSW	Batch ID:	21628			Analysis Date:	8/16/2018	SeqNo:	880355

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MB-21628	SampType:	MBLK	Units:	µg/L	Prep Date:	8/16/2018	RunNo:	45518
Client ID:	MBLKW	Batch ID:	21628			Analysis Date:	8/16/2018	SeqNo:	880359

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	ND	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21628**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/16/2018**	SeqNo: **880359**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									Q
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									Q
1,2,4-Trimethylbenzene	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **MB-21628** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880359**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	23.7		25.00		94.8	33.3	161				
Surr: Toluene-d8	25.3		25.00		101	67.3	147				
Surr: 4-Bromofluorobenzene	24.1		25.00		96.4	59.3	164				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808194-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880347**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00						0		30	
Chloromethane	ND	2.00						0		30	
Vinyl chloride	ND	0.200						0		30	Q
Bromomethane	ND	1.00						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	Q
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethylene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
Methyl tert-butyl ether (MTBE)	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	
2,2-Dichloropropane	ND	2.00						0		30	Q
cis-1,2-Dichloroethene	ND	1.00						0		30	
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	Q
1,2-Dichloroethane (EDC)	ND	1.00						0		30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880347**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
Dibromomethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
Toluene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
1,2-Dibromoethane (EDB)	ND	0.250						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
Ethylbenzene	ND	1.00						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	1.00						0		30	
Styrene	ND	1.00						0		30	
Isopropylbenzene	ND	1.00						0		30	
Bromoform	ND	2.00						0		30	Q
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
n-Propylbenzene	ND	1.00						0		30	
Bromobenzene	ND	1.00						0		30	
1,3,5-Trimethylbenzene	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	
4-Chlorotoluene	ND	1.00						0		30	
tert-Butylbenzene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
sec-Butylbenzene	ND	1.00						0		30	Q

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880347**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	1.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
n-Butylbenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	Q
1,2,4-Trimethylbenzene	ND	1.00						0		30	
Hexachloro-1,3-butadiene	ND	4.00						0		30	
Naphthalene	ND	1.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	23.3		25.00		93.2	33.3	161		0		
Surr: Toluene-d8	25.4		25.00		101	67.3	147		0		
Surr: 4-Bromofluorobenzene	22.1		25.00		88.3	59.3	164		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808196-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00						0		30	
Chloromethane	ND	2.00						0		30	
Vinyl chloride	ND	0.200						0		30	Q
Bromomethane	ND	1.00						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	Q
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethylene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
Methyl tert-butyl ether (MTBE)	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808196-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	ND	2.00						0		30	Q
cis-1,2-Dichloroethene	ND	1.00						0		30	
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	Q
1,2-Dichloroethane (EDC)	ND	1.00						0		30	
Benzene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
Dibromomethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
Toluene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
1,2-Dibromoethane (EDB)	ND	0.250						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
Ethylbenzene	ND	1.00						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	1.00						0		30	
Styrene	ND	1.00						0		30	
Isopropylbenzene	ND	1.00						0		30	
Bromoform	ND	2.00						0		30	Q
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
n-Propylbenzene	ND	1.00						0		30	
Bromobenzene	ND	1.00						0		30	

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808196-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	
4-Chlorotoluene	ND	1.00						0		30	
tert-Butylbenzene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
sec-Butylbenzene	ND	1.00						0		30	Q
4-Isopropyltoluene	ND	1.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
n-Butylbenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	Q
1,2,4-Trimethylbenzene	ND	1.00						0		30	
Hexachloro-1,3-butadiene	ND	4.00						0		30	
Naphthalene	ND	1.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	23.4		25.00		93.4	33.3	161		0		
Surr: Toluene-d8	25.2		25.00		101	67.3	147		0		
Surr: 4-Bromofluorobenzene	23.7		25.00		94.8	59.3	164		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808194-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880348**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	23.8	1.00	20.00	0	119	13.6	198				
Chloromethane	24.1	2.00	20.00	0	121	25.1	188				
Vinyl chloride	23.4	0.200	20.00	0	117	70	130				
Bromomethane	34.0	1.00	20.00	0	170	70	130				S

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880348**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane (CFC-11)	22.4	1.00	20.00	0	112	70	130				
Chloroethane	23.6	1.00	20.00	0	118	70	130				
1,1-Dichloroethylene	23.2	1.00	20.00	0	116	71.4	135				
Methylene chloride	23.3	1.00	20.00	0	116	70	130				
trans-1,2-Dichloroethene	23.2	1.00	20.00	0	116	70	130				
Methyl tert-butyl ether (MTBE)	21.2	1.00	20.00	0	106	70	130				
1,1-Dichloroethane	22.9	1.00	20.00	0	114	70	130				
2,2-Dichloropropane	23.3	2.00	20.00	0	117	70	130				
cis-1,2-Dichloroethene	23.2	1.00	20.00	0	116	70	130				
Chloroform	23.4	1.00	20.00	0	117	70	130				
1,1,1-Trichloroethane (TCA)	23.2	1.00	20.00	0	116	70	130				
1,1-Dichloropropene	23.2	1.00	20.00	0	116	70	130				
Carbon tetrachloride	22.2	1.00	20.00	0	111	70	130				
1,2-Dichloroethane (EDC)	23.1	1.00	20.00	0	115	70	130				
Benzene	23.4	1.00	20.00	0	117	75.7	125				
Trichloroethene (TCE)	23.6	0.500	20.00	0	118	80.7	122				
1,2-Dichloropropane	22.6	1.00	20.00	0	113	70	130				
Bromodichloromethane	22.2	1.00	20.00	0	111	70	130				
Dibromomethane	22.3	1.00	20.00	0	112	70	130				
cis-1,3-Dichloropropene	21.3	1.00	20.00	0	106	70	130				
Toluene	24.0	1.00	20.00	0	120	75.3	125				
trans-1,3-Dichloropropene	19.3	1.00	20.00	0	96.3	70	130				
1,1,2-Trichloroethane	22.8	1.00	20.00	0	114	70	130				
1,3-Dichloropropane	22.7	1.00	20.00	0	114	70	130				
Tetrachloroethene (PCE)	23.8	1.00	20.00	0	119	70.1	152				
Dibromochloromethane	20.8	1.00	20.00	0	104	70	130				
1,2-Dibromoethane (EDB)	22.5	0.250	20.00	0	113	70	130				
Chlorobenzene	23.0	1.00	20.00	0	115	75.3	125				
1,1,1,2-Tetrachloroethane	21.8	1.00	20.00	0	109	70	130				
Ethylbenzene	23.2	1.00	20.00	0	116	70	130				
m,p-Xylene	47.0	1.00	40.00	0	118	70	130				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880348**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	23.6	1.00	20.00	0	118	70	130				
Styrene	22.1	1.00	20.00	0	111	70	130				
Isopropylbenzene	23.8	1.00	20.00	0	119	70	130				
Bromoform	18.5	2.00	20.00	0	92.4	70	130				
1,1,2,2-Tetrachloroethane	20.5	1.00	20.00	0	103	70	130				
n-Propylbenzene	20.5	1.00	20.00	0	103	70	130				
Bromobenzene	21.6	1.00	20.00	0	108	70	130				
1,3,5-Trimethylbenzene	22.4	1.00	20.00	0	112	70	130				
2-Chlorotoluene	21.7	1.00	20.00	0	108	70	130				
4-Chlorotoluene	22.1	1.00	20.00	0	110	70	130				
tert-Butylbenzene	22.2	1.00	20.00	0	111	70	130				
1,2,3-Trichloropropane	19.0	1.00	20.00	0	94.9	70	130				
1,2,4-Trichlorobenzene	21.9	2.00	20.00	0	110	70	130				
sec-Butylbenzene	22.5	1.00	20.00	0	112	70	130				
4-Isopropyltoluene	22.8	1.00	20.00	0	114	70	130				
1,3-Dichlorobenzene	23.1	1.00	20.00	0	116	70	130				
1,4-Dichlorobenzene	22.6	1.00	20.00	0	113	70	130				
n-Butylbenzene	23.1	1.00	20.00	0	116	70	130				
1,2-Dichlorobenzene	22.5	1.00	20.00	0	113	70	130				
1,2-Dibromo-3-chloropropane	18.1	1.00	20.00	0	90.4	70	130				
1,2,4-Trimethylbenzene	21.8	1.00	20.00	0	109	70	130				
Hexachloro-1,3-butadiene	22.7	4.00	20.00	0	114	70	130				
Naphthalene	20.8	1.00	20.00	0	104	70	130				
1,2,3-Trichlorobenzene	22.2	4.00	20.00	0	111	70	130				
Surr: Dibromofluoromethane	25.6		25.00		102	33.3	161				
Surr: Toluene-d8	25.8		25.00		103	67.3	147				
Surr: 4-Bromofluorobenzene	24.6		25.00		98.2	59.3	164				

NOTES:
S - Outlying spike recovery(ies) observed.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880349**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	26.2	1.00	20.00	0	131	13.6	198	23.79	9.82	30	
Chloromethane	24.4	2.00	20.00	0	122	25.1	188	24.14	1.23	30	
Vinyl chloride	24.3	0.200	20.00	0	121	70	130	23.44	3.44	30	
Bromomethane	34.4	1.00	20.00	0	172	70	130	34.05	1.09	30	S
Trichlorofluoromethane (CFC-11)	24.7	1.00	20.00	0	123	70	130	22.38	9.76	30	
Chloroethane	24.7	1.00	20.00	0	124	70	130	23.64	4.50	30	
1,1-Dichloroethylene	23.5	1.00	20.00	0	118	71.4	135	23.21	1.23	30	
Methylene chloride	23.3	1.00	20.00	0	117	70	130	23.27	0.272	30	
trans-1,2-Dichloroethene	23.5	1.00	20.00	0	118	70	130	23.21	1.23	30	
Methyl tert-butyl ether (MTBE)	21.6	1.00	20.00	0	108	70	130	21.17	2.03	30	
1,1-Dichloroethane	23.3	1.00	20.00	0	117	70	130	22.90	1.74	30	
2,2-Dichloropropane	25.2	2.00	20.00	0	126	70	130	23.32	7.72	30	
cis-1,2-Dichloroethene	23.4	1.00	20.00	0	117	70	130	23.15	1.21	30	
Chloroform	23.6	1.00	20.00	0	118	70	130	23.35	1.18	30	
1,1,1-Trichloroethane (TCA)	23.9	1.00	20.00	0	119	70	130	23.19	2.89	30	
1,1-Dichloropropene	24.4	1.00	20.00	0	122	70	130	23.19	5.17	30	
Carbon tetrachloride	23.4	1.00	20.00	0	117	70	130	22.18	5.53	30	
1,2-Dichloroethane (EDC)	23.2	1.00	20.00	0	116	70	130	23.07	0.404	30	
Benzene	23.4	1.00	20.00	0	117	75.7	125	23.36	0.294	30	
Trichloroethene (TCE)	23.8	0.500	20.00	0	119	80.7	122	23.64	0.529	30	
1,2-Dichloropropane	22.6	1.00	20.00	0	113	70	130	22.60	0.0782	30	
Bromodichloromethane	22.3	1.00	20.00	0	112	70	130	22.19	0.521	30	
Dibromomethane	22.5	1.00	20.00	0	113	70	130	22.34	0.853	30	
cis-1,3-Dichloropropene	22.4	1.00	20.00	0	112	70	130	21.29	5.26	30	
Toluene	23.9	1.00	20.00	0	119	75.3	125	24.05	0.742	30	
trans-1,3-Dichloropropene	21.9	1.00	20.00	0	110	70	130	19.27	12.9	30	
1,1,2-Trichloroethane	23.0	1.00	20.00	0	115	70	130	22.82	0.960	30	
1,3-Dichloropropane	22.7	1.00	20.00	0	114	70	130	22.72	0.0508	30	
Tetrachloroethene (PCE)	23.9	1.00	20.00	0	120	70.1	152	23.77	0.725	30	
Dibromochloromethane	21.1	1.00	20.00	0	105	70	130	20.77	1.39	30	
1,2-Dibromoethane (EDB)	22.6	0.250	20.00	0	113	70	130	22.50	0.580	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880349**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	23.3	1.00	20.00	0	117	75.3	125	23.05	1.26	30	
1,1,1,2-Tetrachloroethane	21.9	1.00	20.00	0	109	70	130	21.77	0.402	30	
Ethylbenzene	23.4	1.00	20.00	0	117	70	130	23.23	0.877	30	
m,p-Xylene	47.4	1.00	40.00	0	118	70	130	47.03	0.714	30	
o-Xylene	23.8	1.00	20.00	0	119	70	130	23.55	0.841	30	
Styrene	22.5	1.00	20.00	0	112	70	130	22.12	1.64	30	
Isopropylbenzene	23.9	1.00	20.00	0	120	70	130	23.76	0.759	30	
Bromoform	19.1	2.00	20.00	0	95.7	70	130	18.49	3.48	30	
1,1,2,2-Tetrachloroethane	22.5	1.00	20.00	0	112	70	130	20.51	9.14	30	
n-Propylbenzene	24.3	1.00	20.00	0	121	70	130	20.54	16.7	30	
Bromobenzene	22.4	1.00	20.00	0	112	70	130	21.60	3.49	30	
1,3,5-Trimethylbenzene	23.8	1.00	20.00	0	119	70	130	22.39	6.30	30	
2-Chlorotoluene	23.1	1.00	20.00	0	116	70	130	21.66	6.43	30	
4-Chlorotoluene	23.8	1.00	20.00	0	119	70	130	22.10	7.59	30	
tert-Butylbenzene	24.6	1.00	20.00	0	123	70	130	22.16	10.5	30	
1,2,3-Trichloropropane	21.7	1.00	20.00	0	108	70	130	18.98	13.3	30	
1,2,4-Trichlorobenzene	21.6	2.00	20.00	0	108	70	130	21.91	1.36	30	
sec-Butylbenzene	24.8	1.00	20.00	0	124	70	130	22.48	9.79	30	
4-Isopropyltoluene	24.6	1.00	20.00	0	123	70	130	22.82	7.68	30	
1,3-Dichlorobenzene	24.2	1.00	20.00	0	121	70	130	23.12	4.40	30	
1,4-Dichlorobenzene	23.0	1.00	20.00	0	115	70	130	22.59	1.87	30	
n-Butylbenzene	22.8	1.00	20.00	0	114	70	130	23.15	1.56	30	
1,2-Dichlorobenzene	21.9	1.00	20.00	0	110	70	130	22.52	2.62	30	
1,2-Dibromo-3-chloropropane	17.4	1.00	20.00	0	86.8	70	130	18.08	4.05	30	
1,2,4-Trimethylbenzene	23.4	1.00	20.00	0	117	70	130	21.79	7.18	30	
Hexachloro-1,3-butadiene	22.8	4.00	20.00	0	114	70	130	22.74	0.239	30	
Naphthalene	21.6	1.00	20.00	0	108	70	130	20.78	3.91	30	
1,2,3-Trichlorobenzene	21.8	4.00	20.00	0	109	70	130	22.20	1.64	30	
Surr: Dibromofluoromethane	25.9		25.00		103	33.3	161		0		
Surr: Toluene-d8	25.6		25.00		102	67.3	147		0		
Surr: 4-Bromofluorobenzene	24.3		25.00		97.2	59.3	164		0		

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**1808194-001AMSD**	SampType:	**MSD**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo:	**45518**		
Client ID:	**BATCH**	Batch ID:	**21628**			Analysis Date:	**8/16/2018**	SeqNo:	**880349**		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID	**MB-21584FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo:	**45518**		
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo:	**880358**		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	5.69	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	8.39	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	107	1.00									E
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21584FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880358**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	5.69	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	1.13	1.00									
m,p-Xylene	11.1	1.00									
o-Xylene	4.52	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	1.80	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **MB-21584FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880358**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	4.80	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	1.54	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	26.0		25.00		104	33.3	161				
Surr: Toluene-d8	25.8		25.00		103	67.3	147				
Surr: 4-Bromofluorobenzene	24.3		25.00		97.3	59.3	164				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID **MB-21594FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	3.74	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	5.96	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	60.3	1.00									E
1,1-Dichloropropene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21594FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	3.58	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	6.81	1.00									
o-Xylene	2.58	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	1.17	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **MB-21594FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	3.06	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	25.0		25.00		100	33.3	161				
Surr: Toluene-d8	27.0		25.00		108	67.3	147				
Surr: 4-Bromofluorobenzene	24.5		25.00		97.9	59.3	164				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID **MB-21617FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	ND	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21617FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21617FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	26.0		25.00		104	33.3	161				
Surr: Toluene-d8	26.6		25.00		107	67.3	147				
Surr: 4-Bromofluorobenzene	23.8		25.00		95.1	59.3	164				

NOTES:

Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Sample Moisture (Percent Moisture)

Sample ID **1808112-003ADUP** SampType: **DUP** Units: **wt%** Prep Date: **8/10/2018** RunNo: **45342**
Client ID: **BATCH** Batch ID: **R45342** Analysis Date: **8/10/2018** SeqNo: **877132**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	12.1	0.500						11.14	7.91	20	

Sample ID **1808113-004ADUP** SampType: **DUP** Units: **wt%** Prep Date: **8/10/2018** RunNo: **45342**
Client ID: **ED #3.5** Batch ID: **R45342** Analysis Date: **8/10/2018** SeqNo: **877138**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	45.0	0.500						34.98	25.0	20	R

Sample Log-In Check List

Client Name:	**WIDENER**	Work Order Number:	**1808113**
Logged by:	**Brianna Barnes**	Date Received:	**8/9/2018 3:31:00 PM**

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
5. Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact) Yes ☐ No ☐ Not Required ☑
6. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
7. Were all items received at a temperature of >0°C to 10.0°C * Yes ☐ No ☑ NA ☐

Samples received at appropriate temperature.

8. Sample(s) in proper container(s)? Yes ☑ No ☐
9. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
10. Are samples properly preserved? Yes ☑ No ☐
11. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
12. Is there headspace in the VOA vials? Yes ☐ No ☐ NA ☑
13. Did all samples containers arrive in good condition(unbroken)? Yes ☑ No ☐
14. Does paperwork match bottle labels? Yes ☑ No ☐
15. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
16. Is it clear what analyses were requested? Yes ☑ No ☐
17. Were all holding times able to be met? Yes ☑ No ☐

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes ☑ No ☐ NA ☐

Person Notified:	Jordan Widener	Date	8/9/2018
By Whom:	Brianna Barnes	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirmation of analysis.		
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	21.3
Sample	2.1
Temp Blank	7.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 8/9/18 Page: 1 of: 1

Laboratory Project No (internal): 19009113

Project Name: POT Rd. Interchange

Special Remarks:

Client: Widener + Associates

Project No:

Address: 1902 120th Pl SE

Collected by: Jordan Widener

City, State, Zip: Everett, WA 98208

Location: Ercdahl Ditch south of Jack n Box

Telephone: 425-503-3629

Report To (PM): Jordan Widener

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: jordancw@prodigy.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Paint Filter Test	pH (soil)	Total Petroleum Hydrocarbon Oil WTPH-418.1	Comments
1	ED #1	8/9/18	9:02am	S			X				X	X	X	X	T			X	X	X	
2	ED #2	8/9/18	9:20am	S			X				X	X	X	X	T			X	X	X	
3	ED #3	8/9/18	9:28am	S			X				X	X	X	X	T			X	X	X	
4	ED #3.5	8/9/18	10:17am	S			X				X	X	X	X	T			X	X	X	
5	ED #4	8/9/18	9:33am	S			X				X	X	X	X	T			X	X	X	
6	ED #4.5	8/9/18	10:11am	S			X				X	X	X	X	T			X	X	X	
7	ED #5	8/9/18	10:05am	S			X				X	X	X	X	T			X	X	X	
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	8/9/18 3:30pm	x [signature]	8/9/18 1531
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☒ 2 Day Monday
- ☐ Next Day
- Same Day ASAP (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/9/18 Page: 1 of: 1

Laboratory Project No (Internal): 1909113

Project Name: POT Rd. Interchange

Special Remarks:

Client: Widener & Associates

Project No:

Address: 1902 120th Pl SE

Collected by: Jordan Widener

City, State, Zip: Everett, WA, 98208

Location: Erdahl Ditch south of Jack in Box

edits per JW 8/10/18 BNB

Telephone: 425-503-3629

Report To (PM): Jordan Widener

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: jordancw@prodigy.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624) TCLP	GX/BTEX	BTEX + HVOCs	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270-SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Paint Filter Test	pH (soil)	Total Petroleum Hydrocarbon (only WTPH-418.1 + DX)	Comments
1	ED #1	8/9/18	9:02am	S	X		X				X	X	X	X	T			X	X		X	TCLP-RCRA8, TCLP-SVOCs
2	ED #2	8/9/18	9:20am	S			X				X	X	X	X	T			X	X		X	
3	ED #3	8/9/18	9:28am	S			X				X	X	X	X	T			X	X		X	
4	ED #3.5	8/9/18	10:17am	S			X				X	X	X	X	T			X	X		X	
5	ED #4	8/9/18	9:33am	S			X				X	X	X	X	T			X	X		X	
6	ED #4.5	8/9/18	10:11am	S			X				X	X	X	X	T			X	X		X	
7	ED #5	8/9/18	10:05am	S			X				X	X	X	X	T			X	X		X	
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 8/9/18 3:30pm

Received x [signature] Date/Time 8/9/18 1531

Relinquished x Date/Time

Received x Date/Time

Turn-around Time:

☐ Standard

☐ 3 Day

☒ 2 Day Monday

Same Day ASAP (specify)

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Appendix B – Soil Test Results for Proof of Contamination Removal

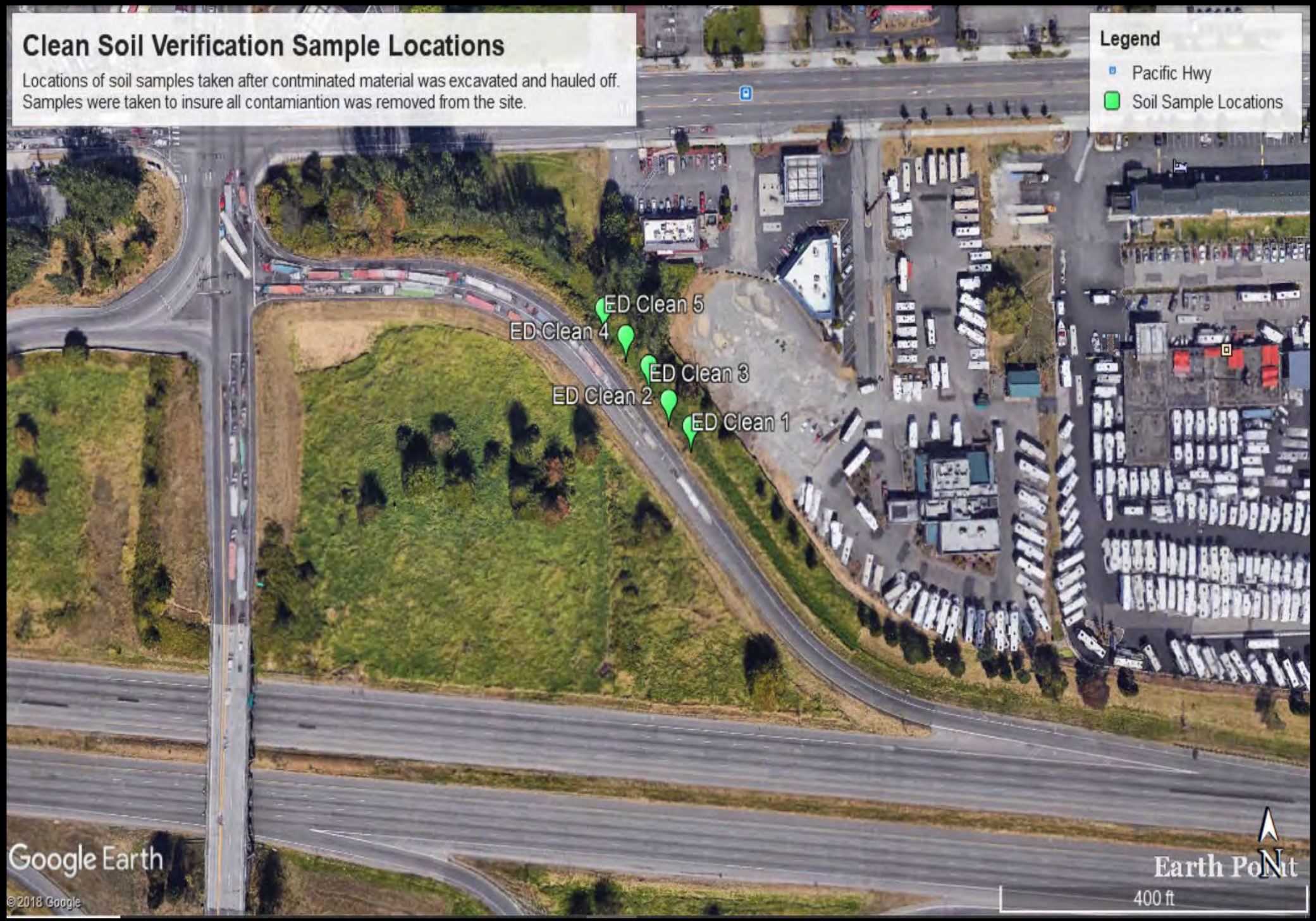
Clean Soil Verification Sample Locations
Locations of soil samples taken after contminated material was excavated and hauled off. Samples were taken to insure all contamiantion was removed from the site.
Legend
Pacific Hwy
Soil Sample Locations
ED Clean 5
ED Clean 4
ED Clean 3
ED Clean 2
ED Clean 1
Google Earth
© 2018 Google
Earth Point
N
400 ft

SPECTRA Laboratories ...*Where experience matters*

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project:	POT Rd Interchange
Client ID:	ED Clean 1
Sample Matrix:	Soil
Date Sampled:	09/18/2018
Date Received:	09/19/2018
Spectra Project:	2018090550
Spectra Number:	1

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	123	NWTPH-D
4-Bromofluorobenzene	79	NWTPH-HCID
p-Terphenyl	123	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	92	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

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10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project: POT Rd Interchange
Client ID: ED Clean 2
Sample Matrix: Soil
Date Sampled: 09/18/2018
Date Received: 09/19/2018
Spectra Project: 2018090550
Spectra Number: 2

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	114	NWTPH-D
4-Bromofluorobenzene	65	NWTPH-HCID
p-Terphenyl	114	NWTPH-HCID
Toluene-d8	98	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	95	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

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10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project:	POT Rd Interchange
Client ID:	ED Clean 3
Sample Matrix:	Soil
Date Sampled:	09/19/2018
Date Received:	09/19/2018
Spectra Project:	2018090550
Spectra Number:	3

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	113	NWTPH-D
4-Bromofluorobenzene	73	NWTPH-HCID
p-Terphenyl	113	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	91	NWTPH-G

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Jeffrey Cooper, Laboratory Manager

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10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project: POT Rd Interchange
Client ID: ED Clean 4
Sample Matrix: Soil
Date Sampled: 09/19/2018
Date Received: 09/19/2018
Spectra Project: 2018090550
Spectra Number: 4

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	130	NWTPH-D
4-Bromofluorobenzene	77	NWTPH-HCID
p-Terphenyl	130	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	91	NWTPH-G

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Jeffrey Cooper, Laboratory Manager

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10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project:	POT Rd Interchange
Client ID:	ED Clean 5
Sample Matrix:	Soil
Date Sampled:	09/19/2018
Date Received:	09/19/2018
Spectra Project:	2018090550
Spectra Number:	5

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	135	NWTPH-D
4-Bromofluorobenzene	95	NWTPH-HCID
p-Terphenyl	135	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	93	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

W180905~~549~~ 550

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/19/18 Page: 1 of: 1

Laboratory Project No (internal):

Project Name: Pot Rd. Interchange

Special Remarks:

Project No:

Client: Widener & Associates

Address: 1902 120th Pl SE

Collected by: Jordan W.

City, State, Zip: Everett, WA, 98208

Location:

Telephone: 510-725-2291

Report To (PM): Jordan W.

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: jordancw@prodigy.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	ED Clean 1	9/18	9:00am	S				X	X	X								
2	ED Clean 2	9/18	12:08pm	S				X	X	X								
3	ED Clean 3	9/19	10:52am	S				X	X	X								
4	ED Clean 4	9/19	11:05am	S				X	X	X								
5	ED Clean 5	9/19	11:55am	S				X	X	X								
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 9/19/18 1:13pm

Received x [signature] Date/Time 9-19-18 1313

Relinquished x Date/Time

Received x Date/Time

Turn-around Time:

☒ Standard

☐ 3 Day

☐ 2 Day

☐ Next Day

Same Day _____ (specify)

Electronic Copy

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • 360-407-6300
Call 711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

October 22, 2019

Evens Fife LLC
9330 Balboa Ave
San Diego, CA 92123-1516

Re: Early Notice Letter Regarding the Release of Hazardous Substances

- **Site Name:** Jack in the Box Fife
- **Location:** 3402 Pacific Hwy E, Fife, Pierce County, WA 98424
- **Facility Site ID Number:** 7907

To Whom It May Concern:

The Department of Ecology (Ecology) is required to conduct an Initial Investigation, under chapter 70.105 Revised Code of Washington (RCW), upon receiving a report of release or threatened release of hazardous substance that may pose a threat to human health or the environment.

The Model Toxics Control Act (MTCA),[1] chapter 70.105D RCW, mandates Ecology maintain a database of Confirmed or Suspected Contaminated Sites. As a result of the initial investigation conducted by Ecology, this property has been added to the database as a State Cleanup Site and assigned a Facility Site Identification number of 7907. Please note that inclusion in the database does not mean Ecology has determined you to be a potentially liable person.

During the investigation, Ecology found soil and groundwater suspected to be contaminated with non-halogenated organics, halogenated organics, metals and other substances above MTCA cleanup levels at the location listed above. In the future, Ecology may conduct a more detailed inspection of this property known as a site hazard assessment. At that time, Ecology will assess whether action will be needed and establish a priority for the work.

Ecology's policy is to work cooperatively with individuals to accomplish prompt and effective cleanups. However, due to limited resources we are not always able to provide requested assistance. Your cooperation with Ecology in planning or conducting a remedial action is not an admission of guilt or liability. Please be aware of state laws that must be adhered to if you decide to proceed with cleanup work on your own.

[1] https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Rules-directing-our-cleanup-work/Model-Toxics-Control-Act

Enclosed is a Model Toxics Control Act Cleanup Regulation Focus Sheet. This provides a brief overview of the process for the cleanup of contaminated sites[2]. For additional information regarding each step in the cleanup process and Ecology's Voluntary Cleanup Program, feel free to contact me or Nick Acklam, the Southwest Regional Office Voluntary Cleanup Program Coordinator, at (360) 407-6347, or visit Ecology's Voluntary Cleanup Program website.[3]

Chapter 70.105D RCW and the implementing regulations, chapter 173-340 Washington Administrative Code (WAC) which detail these requirements, can be found at Ecology's Toxics Cleanup Program's statutes and regulations website.[4]

If you would like a hard copy of the MTCA regulations, or if you have any questions, please call me at (360) 407-6246. Thank you for your cooperation.

Sincerely,

Kirsten Wecker
Toxics Cleanup Program
Southwest Regional Office

Enclosure: Model Toxics Control Act Cleanup Regulation Focus Sheet

By certified mail: 9489 0090 0027 6086 4117 36

cc: Nick Acklam, Ecology (by email)

[2] http://www.ecy.wa.gov/cleanup.html
[3] https://ecology.wa.gov/vcp
[4] https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Rules-directing-our-cleanup-work

INITIAL INVESTIGATION FIELD REPORT

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ERTS Number: 667578
Parcel #(s): 0320111067
COUNTY: Pierce

SITE INFORMATION

Site Name (e.g., Co. name over door): Fife RV Center	Site Address (including City and Zip+4): 3410 Pacific Highway E Fife, WA 98424	Site Phone: none
Site Contact and Title: Chris LaVerdiere	Site Contact Address (including City and Zip+4): same as above	Site Contact Phone: 253/284-6600
Site Owner: same as above	Site Owner Address (including City and Zip+4): same as above	Site Owner Phone: same as above
Site Owner Contact: Alan Blotch	Site Owner Contact Address (including City and Zip+4): AeroTech Environmental Consulting	Owner Contact Phone: 360/710-5899
Alternate Site Name(s):	Comments:	
Previous Site Owner(s):	Comments:	

Latitude (Decimal Degrees): 47.24218	
Longitude (Decimal Degrees): -122.38230	

INSPECTION INFORMATION

Inspection Conducted? Yes ☒ No ☐	Date/Time: 02.22.17; 1:30 pm	Entry Notice: Announced ☐	Unannounced ☒
Photographs taken?	Yes ☐	No ☒	
Samples collected?	Yes ☐	No ☒	If *Yes*, be sure to include a figure/sketch showing sample locations.

RECOMMENDATION

No Further Action (Check appropriate box below):		**LIST on Confirmed and Suspected Contaminated Sites List:** ☒
Release or threatened release does not pose a threat	☐	
No release or threatened release	☐	
Refer to program/agency (Name:_____)	☐	
Independent Cleanup Action Completed (i.e., contamination removed)	☐	

COMPLAINT (Brief Summary of ERTS Complaint):

Gasoline range organics, benzene, toluene, ethylbenzene, and total xylenes are present in soil and/or groundwater in concentrations exceeding cleanup levels.

CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA):

Site contamination has been documented in a Phase II Environmental Site Assessment. The site entered VCP on 01.06.17 (FSID 7907).

Investigator: S. Bell	Date Submitted: 02.22.17

OBSERVATIONS

Description (please be sure to include the following: site observations, site features and cover, chronology of events, sources/past practices likely responsible for contamination, presence of water supply wells and other potential exposure pathways, etc.):

Note: The county assessor's information for the subject parcel lists an incorrect address of 3402 Pacific Highway East. The correct address is 3410 Pacific Highway East, confirmed with the City of Fife.

This site came to our attention when Alan Blotch (AeroTech Environmental Consulting) filed an application to dispose of 1000 tons of petroleum contaminated soil at the LRI 304th St. Landfill. A Supplemental Phase II ESA, prepared by Associated Earth Sciences, Inc. and dated 01.24.14, was attached to the WDA application. Following is a summary of the information provided in the Phase II.

Recognized environmental conditions (RECs) were identified in a Phase I ESA and referenced in this Phase II document. The primary REC was a former gas station on the northwest part of the property, and a petroleum hydrocarbon release in the same area.

The Phase II describes 10 geoprobe borings, completed to a maximum depth of 15 feet. Soil and groundwater samples were collected from each boring and analyzed for petroleum hydrocarbons, volatile organic compounds, and lead. Not all samples were analyzed for all constituents.

Soil contamination was verified with gasoline, toluene, ethylbenzene, and total xylenes found in concentrations exceeding cleanup levels (CULs). Diesel and lead were also detected, but below applicable CULs.

Groundwater contamination was also detected with gasoline, benzene, toluene, ethylbenzene, and total xylenes found in concentrations exceeding CULs.

An attempt was made to locate any USTs on the site prior to the subsurface investigation. An electro magnetometer and GPR were used, but no USTs were detected.

No subsequent information has been submitted, and the site has entered VCP (effective date 01.06.17, FSID 7907). The TPCHD recommends including this site in the SIS database due to documented contamination of both soil and groundwater.

(fill in contaminant matrix below with appropriate status choice from the key below the table)

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	BEDROCK	DESCRIPTION
Non-Halogenated Organics	Phenolic Compounds						Compounds containing phenols (Examples: phenol; 4-methylphenol; 2-methylphenol)
	Non-Halogenated Solvents						Organic solvents, typically volatile or semi-volatile, not containing any halogens. To determine if a product has halogens, search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is not a Cl, I, Br, F in the formula, it's not halogenated. (Examples: acetone, benzene, toluene, xylenes, methyl ethyl ketone, ethyl acetate, methanol, ethanol, isopropranol, formic acid, acetic acid, stoddard solvent, Naptha). *Use this when TEX contaminants are present independently of gasoline.*
	Polynuclear Aromatic Hydrocarbons (PAH)						Hydrocarbons composed of two or more benzene rings.
	Tributyltin						The main active ingredients in biocides used to control a broad spectrum of organisms. Found in antifouling marine paint, antifungal action in textiles and industrial water systems. (Examples: Tributyltin; monobutyltin; dibutyltin)
	Methyl tertiary-butyl ether						MTBE is a volatile oxygen-containing organic compound that was formerly used as a gasoline additive to promote complete combustion and help reduce air pollution.
	Benzene		C				Benzene
	Other Non-Halogenated Organics	C	C				Other Non-Halogenated Organics (Example: Phthalates)
	Petroleum Diesel						Petroleum Diesel
	Petroleum Gasoline	C	C				Petroleum Gasoline
	Petroleum Other						Crude oil and any fraction thereof. Petroleum products that are not specifically Gasoline or Diesel.
Halogenated Organics (see notes at bottom)	**PBDE**						**Polybrominated di-phenyl ether**
	Other Halogenated Organics						**Other organic compounds with halogens (chlorine, fluorine, bromine, iodine). search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is a Cl, I, Br, F in the formula, it is halogenated. (Examples: Hexachlorobutadiene; hexachlorobenzene; pentachlorophenol)**
	Halogenated solvents						**Solvents containing halogens (Halogen is typically chlorine, but can also be fluorine, bromine, iodine), and their breakdown products (Examples: Trichloroethylene; Tetrachloroethylene (aka Perchloroethylene); TCE; TCA; trans and cis 1,2 dichloroethylene; vinyl chloride)**
	Polychlorinated Biphenyls (PCB)						**Any of a family of industrial compounds produced by chlorination of biphenyl, noted primarily as an environmental pollutant that accumulates in animal tissue with resultant pathogenic and teratogenic effects**
	Dioxin/dibenzofuran compounds (see notes at bottom)						**A family of more than 70 compounds of chlorinated dioxins or furans. (Examples: Dioxin; Furan; Dioxin TEQ; PCDD; PCDF; TCDD; TCDF; OCDD; OCDF). *Do not use for 'dibenzofuran', which is a non-chlorinated compound that is detected using the semivolatile organics analysis 8270***
Metals	Metals - Other						Metals other than arsenic, lead, or mercury. (Examples: cadmium, antimony, zinc, copper, silver)
	Lead						Lead
	Mercury						Mercury

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	BEDROCK	DESCRIPTION
	Arsenic						Arsenic
Pesticides	Non-halogenated pesticides						Pesticides without halogens (Examples: parathion, malathion, diazinon, phosmet, carbaryl (sevin), fenoxycarb, aldicarb)
	Halogenated pesticides						Pesticides with halogens (Examples: DDT; DDE; Chlordane; Heptachlor; alpha-beta and delta BHC; Aldrin; Endosulfan, dieldrin, endrin)
Other Contaminants	Radioactive Wastes						Wastes that emit more than background levels of radiation.
	Conventional Contaminants, Organic						Unspecified organic matter that imposes an oxygen demand during its decomposition (Example: Total Organic Carbon)
	Conventional Contaminants, Inorganic						Non-metallic inorganic substances or indicator parameters that may indicate the existence of contamination if present at unusual levels (Examples: Sulfides, ammonia)
	Asbestos						All forms of Asbestos. Asbestos fibers have been used in products such as building materials, friction products and heat-resistant materials.
	Other Deleterious Substances						Other contaminants or substances that cause subtle or unexpected harm to sediments (Examples: Wood debris; garbage (e.g., dumped in sediments))
	Benthic Failures						Failures of the benthic analysis standards from the Sediment Management Standards.
	Bioassay Failures						For sediments, a failure to meet bioassay criteria from the Sediment Management Standards. For soils, a failure to meet TEE bioassay criteria for plant, animal or soil biota toxicity.
Reactive Wastes	Unexploded Ordinance						Weapons that failed to detonate or discarded shells containing volatile material.
	Other Reactive Wastes						Other Reactive Wastes (Examples: phosphorous, lithium metal, sodium metal)
	Corrosive Wastes						Corrosive wastes are acidic or alkaline (basic) wastes that can readily corrode or dissolve materials they come into contact with. Wastes that are highly corrosive as defined by the Dangerous Waste Regulation (WAC 173-303-090(6)). (Examples: Hydrochloric acid; sulfuric acid; caustic soda)

Status choices for contaminants	
Contaminant Status	**Definition**
B - Below Cleanup Levels (Confirmed)	The contaminant was tested and found to be below cleanup levels. (Generally, we would not enter each and every contaminant that was tested; for example if an SVOC analysis was done we would not enter each SVOC with a status of "below". We would use this for contaminants that were believed likely to be present but were found to be below standards when tested
S - Suspected	The contaminant is suspected to be present; based on some knowledge about the history of the site, knowledge of regional contaminants, or based on other contaminants known to be present
C - Confirmed Above Cleanup Levels	The contaminant is confirmed to be present above any cleanup level. For example - above MTCA method A, B, or C; above Sediment Quality Standards; or above a presumed site-specific cleanup level (such as human health criteria for a sediment contaminant).
RA - Remediated - Above	The contaminant was remediated, but remains on site above the cleanup standards (for example - capped area).
RB - Remediated - Below	The contaminant was remediated, and no area of the site contains this contaminant above cleanup standards (for example - complete removal of contaminated soils).

Halogenated chemicals and solvents: Any chemical compound with chloro, bromo, iodo or fluoro is halogenated; those with eight or fewer carbons are generally solvents (e.g. halogenated methane, ethane, propane, butane, pentane, hexane, heptane or octane) and may also be used for or registered as pesticides or fumigants. Most are dangerous wastes, either listed or categorical. Organic compounds with more carbons are almost always halogenated pesticides or a contaminant or derivitive. Referral to the HSDB is recommended you are unfamiliar with a chemical name or compound, as it contains useful information about synonyms, uses, trade names, waste codes, and other regulatory information about most toxic or potentially toxic chemicals.

LIMITED SUBSURFACE SAMPLING AND TESTING

Vacant Property
3309 Pacific Highway East
Fife, Washington

MR. KYU DAE LEE

ENVIRONMENTAL
ASSOCIATES, INC.

1380 - 112th Avenue Northeast, Suite 300
Bellevue, Washington 98004
(425) 455-9025 Office
(888) 453-5394 Toll Free
(425) 455-2316 Fax

October 25, 2017

JN-36173-2

Mr. Kyu Dae Lee
c/o David Shcean
David Sheean and Associates
12715 Gravelly Lake Drive Southwest
Lakewood, Washington 98499

Subject: **PHASE II - LIMITED SUBSURFACE SAMPLING & TESTING**
Vacant Property
Parcels 708500-0420, -0440
3309 Pacific Highway East
Fife, Washington 98424

Dear Mr. Lee:

Environmental Associates, Inc. (EAI) has performed limited sampling and testing of subsurface soils, groundwater, and soil-vapor at selected localities on the subject property. The initial purpose of this work was to make a preliminary assessment of the potential for the presence of petroleum products, volatile organic compounds (VOCs), and metals including arsenic, cadmium, chromium, lead, and mercury. This report, prepared in accordance with the terms of our proposal dated July 26, 2017, summarizes our approach to the project along with results and conclusions.

The contents of this report are confidential and are intended solely for your use and the use of your representatives. No other distribution or discussion of this report will take place without your prior approval in writing.

We appreciate the opportunity to be of service on this assignment. If you have any questions or if we may be of additional service, please do not hesitate to contact us.

Respectfully submitted,
ENVIRONMENTAL ASSOCIATES, INC.

Don W. Spencer, M.Sc., P.G., R.E.A.
Principal

State of Washington
Hydrogeologist
604
Licensed Geologist
DON W. SPENCER

License: 604	(Washington)
License: 11464	(Oregon)
License: 876	(California)
License: 5195	(Illinois)
License: 0327	(Mississippi)

PHASE II - LIMITED SUBSURFACE SAMPLING AND TESTING

Vacant Property
Parcels 708500-0420, -0440
3309 Pacific Highway East
Fife, Washington 98424

Prepared for:

Mr. Kyu Dae Lee
c/o David Sheean and Associates
12715 Gravelly Lake Drive Southwest
Lakewood, Washington 98499

Questions regarding this investigation, the conclusions reached and the recommendations given should be addressed to one of the following undersigned.

Eric Zuern
Environmental Geologist / Project Manager

Don W. Spencer, M.Sc., P.G., R.E.A.
Principal

State of Washington
Hydrogeologist
604
Licensed Geologist
DON W. SPENCER

License: 604 (Washington)
License: 11464 (Oregon)
License: 876 (California)
License: 5195 (Illinois)
License: 0327 (Mississippi)

Reference Job Number: JN 36173-2

October 25, 2017

ENVIRONMENTAL ASSOCIATES, INC.

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INTRODUCTION/SCOPE OF WORK

SITE/PROJECT DESCRIPTION

The subject property is comprised of two (2) parcels (tax parcel numbers 708500-0420, -0440) covering approximately 0.93 acres of land. The property is currently vacant and unoccupied. The approximate location of the site is shown on the Vicinity/Topographic Map, Plate 1, appended herewith.

Background

On October 4, 2016, EAI presented the findings of a Phase 1 Environmental Site Assessment to H&H Northwest Companies LLC for the subject property. At that time, the eastern margin of the property extended to the right-of-way of 34th Avenue East. That reported identified the northern and western adjacent "leaking underground storage tank" (LUST) sites as recognized environmental conditions in relation to the property. EAI also provided a cautionary footnote acknowledging that due to historic occupancy of the site by pre-1941-vintage residences, that an underground heating oil storage tank may be located beneath the property and that such should be removed and appropriately sampled/tested if encountered.

Since the time of EAI's Phase 1 study, the Port of Tacoma appeared to purchase a portion of the site along 34th Avenue East in preparation to expand the right-of-way to Pacific Highway East.

EAI was provided a Hazardous Materials Exploration Plan drafted by Widener & Associates in March 2017 which proposed sampling and testing of soils and groundwater within various Port of Tacoma lands in preparation for proposed interchange improvement projects. That plan noted a sample location (Sample ID-5) would be installed in the right-of-way of 34th Avenue East, adjacent to the subject site. EAI staff subsequently observed a groundwater monitoring well in the approximate location proposed for Sample ID-5. Subsequent laboratory data provided by the client revealed that while no detections of diesel, heavy oil, gasoline, or volatile organic compounds (VOCs) were detected in the soil sample collected from that locality, several metals were detected in soils at either WDOE compliant or typical "background" concentrations for the area. Groundwater sampled from that location did not contain concentrations of gasoline or VOCs, however concentrations of diesel and heavy oil were detected at concentrations exceeding their MTCA Method-A cleanup level. Additionally, elevated total metal concentrations of arsenic and lead were noted in groundwater from the Sample ID-5 location (mapped on the attached Site Plan, Plate 2).

Current Study

Your expressed interests to conduct a preliminary evaluation of subsurface conditions to assess the potential for the presence of petroleum products, volatile organic compounds (VOCs), and metals including arsenic, cadmium, chromium, lead, and mercury as memorialized in EAI's proposal dated July 26, 2017, formed the basis for the following scope of work:

- Conduct geophysical survey on the accessible portions of the property in an effort to locate potential metallic geophysical "anomalies" of the type(s) commonly associated with/indicative of underground storage tanks (USTs) such as (if present) could be related to historic on-site residences.

- Drill and sample six (6) borings in accessible locations near the western, northern, and eastern property boundaries, adjacent to leaking underground storage tank sites to the north and west as well as off-site detections of petroleum contamination to the east. Soil and groundwater samples were obtained from each boring and a log of subsurface conditions encountered was prepared for each boring by the EAI project geologist. Additionally, a soil-vapor sample was collected from a single boring.

- Initial laboratory analysis of selected soil and/or groundwater samples for gasoline, diesel, oil, volatile organic compounds (VOCs), and MTCA-5 metals including arsenic, cadmium, chromium, lead, and mercury. The soil-vapor sample was tested for VOCs and petroleum.

- Preparation of this summary report documenting the methodology and results of the investigation.

FINDINGS

GEOPHYSICAL SURVEY

On October 5, 2017, EAI's technical team performed a geophysical survey on the accessible portions of the subject site. As the site was initially covered in heavy vegetation, site clearing occurred prior to the geophysical survey and included much of the site up to approximately 15 feet from the property northern property line. The geophysical survey utilized electromagnetic (EM) equipment as well as a magnetometer instrument to search the survey area for metallic "anomalies" or soil disturbances. Potential anomalies detected by the EM appeared to be surficial metallic or wood debris upon further inspection. A single magnetic geophysical "anomaly" measuring approximately two feet by two feet was encountered on the southwestern portion of the site (depicted on Plate 2, Site Plan). Due to the uneven topography of the property, ground penetrating radar (GPR) could not be utilized.

SUBSURFACE INVESTIGATION

Soil Boring Sampling

Six (6) soil borings were made on October 9, 2017 at the approximate locations noted as B-1, B-2, B-3, B-4, B-5, and B-6 on the Site Plan, Plate 2. The borings were placed around the northern, western, and eastern property lines except for B-4 which was placed adjacent to the magnetic anomaly encountered during the geophysical survey. The borings were extended to depths between 20 to 25 feet below ground surface (bgs).

Soil and Groundwater Sampling Procedure

Under the observation of the EAI field geologist, a truck-mounted push probe drill rig was brought into position over each selected boring location. Following set-up preparations, the push-probe boring/sampling technique consisted of advancing a plastic lined sampler into the ground. The sampler was then withdrawn and the liner was removed and cut open for examination and transfer of the soil sample to laboratory prepared glassware by EPA Method 5035.

After soil sampling within the borings had been completed and as groundwater was observed in the borings, a temporary well screen was installed in an attempt to sample the groundwater. Small plastic tubing was extended from a peristaltic pump into each well to recover groundwater samples.

Soil and groundwater samples were transferred from the sampler directly to sterilized laboratory prepared glassware which were then stored in an iced chest maintained at approximately 4 degrees centigrade at the site and taken to the laboratory in this condition in an effort to preserve sample integrity.

Each sample container was clearly labeled as to boring and sample number/depth, date, time, project, etc. EPA-recommended sample-management protocol was observed at each stage of the project. During drilling, a field log was made by EAI for each boring. Information recorded versus corresponding depth included soil classification (Unified Soil Classification System), color, texture, relative moisture, odors (if present), etc.

Soil-Vapor Sampling Procedure

Upon reaching depths of between 4 to 5 feet below ground surface (bgs) at location B-6, a soil vapor sample was collected through a temporary screen and casing rod inserted into the ground by the drill rig. The bore hole was sealed around the upper casing rod to inhibit dilution from of atmospheric air in the soil vapor sample. A laboratory-prepared "summa canister" (vacuum cylinder) was then utilized to collect a sample of the subsurface soil-vapor at that locality. Utilizing a flow controller and gauge-vacuum provided by Friedman and Bruya Inc. of Seattle, soil-vapor was collected over a span of five minutes.

Subsurface Conditions

Soils encountered within the borings generally consisted of sands, silty sands, and wood debris. While moisture was observed within the borings at approximately 7 to 9 feet below ground surface (bgs), no recoverable groundwater was encountered until reaching depths of 20 feet bgs or greater. In borings B-3 through B-6, where borings were extended to 25 feet bgs, groundwater rose within the borings up to depths of approximately 5 feet bgs before stabilizing.

LABORATORY ANALYSIS

Laboratory analysis of soil and groundwater samples was conducted by Environmental Service Network (ESN), Olympia, Washington, a WDOE-accredited analytical laboratory. Select soil and groundwater samples were submitted for analysis of gasoline, diesel, and oil petroleum hydrocarbons along with fuel constituents benzene, toluene, ethylbenzene, and xylenes (BTEX). Soil samples selected for analysis were collected from depths where a field screening instrument (photo-ionization detector/PID) indicated detectable vapors. Select groundwater samples were analyzed for volatile organic compounds (VOCs) and MTCA-5 metals including arsenic, cadmium, chromium, lead, and mercury. Laboratory analysis of the soil-vapor sample was conducted by Friedman and Bruya, Inc. of Seattle, Washington. Laboratory analysis was performed on the soil vapor sample for VOCs by EPA Method TO-15 and petroleum (aromatic and aliphatic) hydrocarbons by EPA method MA-APH.

As summarized in Table 1 attached to this report, no petroleum hydrocarbons or BTEX constituents were detected in the soil samples analyzed.

As depicted in Table 2, attached to this report, no petroleum hydrocarbons or BTEX constituents were detected in the groundwater samples analyzed.

As documented in Table 3, of this report, no VOCs were detected in the groundwater samples collected from each boring.

As depicted in Table 4, no detections of cadmium, chromium, lead, or mercury were noted in the groundwater samples analyzed. Dissolved arsenic was detected in each of the three groundwater samples tested with two of those detections at B1 and B5 (5.5 and 7.4 parts per billion/ppb respectively) being above the MTCA Method-A cleanup value for arsenic, currently established at 5 ppb.

Due to the detections of arsenic in groundwater noted above, EAI submitted three (3) soil samples from various depths across the site for analysis of arsenic. As shown in Table 5 attached to this report, no detections of arsenic were found in those samples.

As shown in Table 6 and in the attached laboratory data, various VOCs and APH (aliphatic/aromatic petroleum hydrocarbons) compounds were detected at concentrations below the published MTCA-Method-B screening levels.

CONCLUSIONS

Relying upon the results of limited sampling and laboratory testing documented in this preliminary effort, groundwater at two (2) locations (B1 and B5) contained concentrations (5.5 to 7.4 ppb) of arsenic above MTCA Method-A cleanup limits. No arsenic was detected in soils at those locations indicating that the arsenic may be attributed to a region-wide condition rather than a site specific source.

In attempting to provide some context regarding the arsenic detections in groundwater, information contained in recent publications of the Washington Department of Ecology (March, 2016: *Natural Background Groundwater Arsenic Concentration in Washington State. Ecology Publication No. 14-09-044*) clearly advises that for soils in the Puget Sound Basin (region of Washington in which the subject property is situated), **naturally occurring background** concentrations for arsenic in groundwater have been established at levels ranging from 0.8 to 76 ug/L (or parts per billion). Viewed in that perspective alone, it may be reasonable to consider that the detections of arsenic documented in groundwater beneath the subject property could in fact be a natural background condition not necessarily indicative of a contamination issue for that analyte. If further knowledge is desired by the client regarding these detections, sampling and testing from permanent monitoring wells might provide slightly more "accurate" arsenic concentrations, however no dramatic or substantive changes in results warranting such additional expenditures are presently anticipated.

While no detections of petroleum were found in the groundwater samples collected on-site, at this juncture, we (EAI) simply recommend that the property owner periodically acquire and review cleanup documents and other reports regarding the off-site facilities to the north and west as well as the development work to the east in an effort to learn if any changes in operation or WDOE status of these nearby properties occur.

As an administrative footnote, acknowledging the metallic geophyiscal "anomaly" found on the southwest portion of the property, if during the course of future site redevelopment activity, a tank not discovered during this survey due to such factors as signal loss, inaccessibility, etc., EAI would then simply recommend that such be removed and disposed of in a safe and lawful manner. In such a case, it would be our additional recommendation to collect and analyze selected samples of soils and groundwater to document that environmental conditions at the time of removal are compatible with WDOE cleanup guidelines.

LIMITATIONS

This report has been prepared for the exclusive use of Mr. Kyu Dae Lee along with David Sheean and Associates and their several representatives for specific application to this site. Our work for this project was conducted in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area, and in accordance with the terms and conditions set forth in our proposal dated July 26, 2017. The findings and conclusions of this study are based upon the results of laboratory testing of selected samples obtained from separated boring localities and environmental conditions may vary between those locations or at other locations, media, depths, or calender date. No other warranty, expressed or implied, is made. If new information is developed in future site work which may include excavations, borings, studies, etc., Environmental Associates, Inc., must be retained to reevaluate the conclusions of this report and to provide amendments as required.

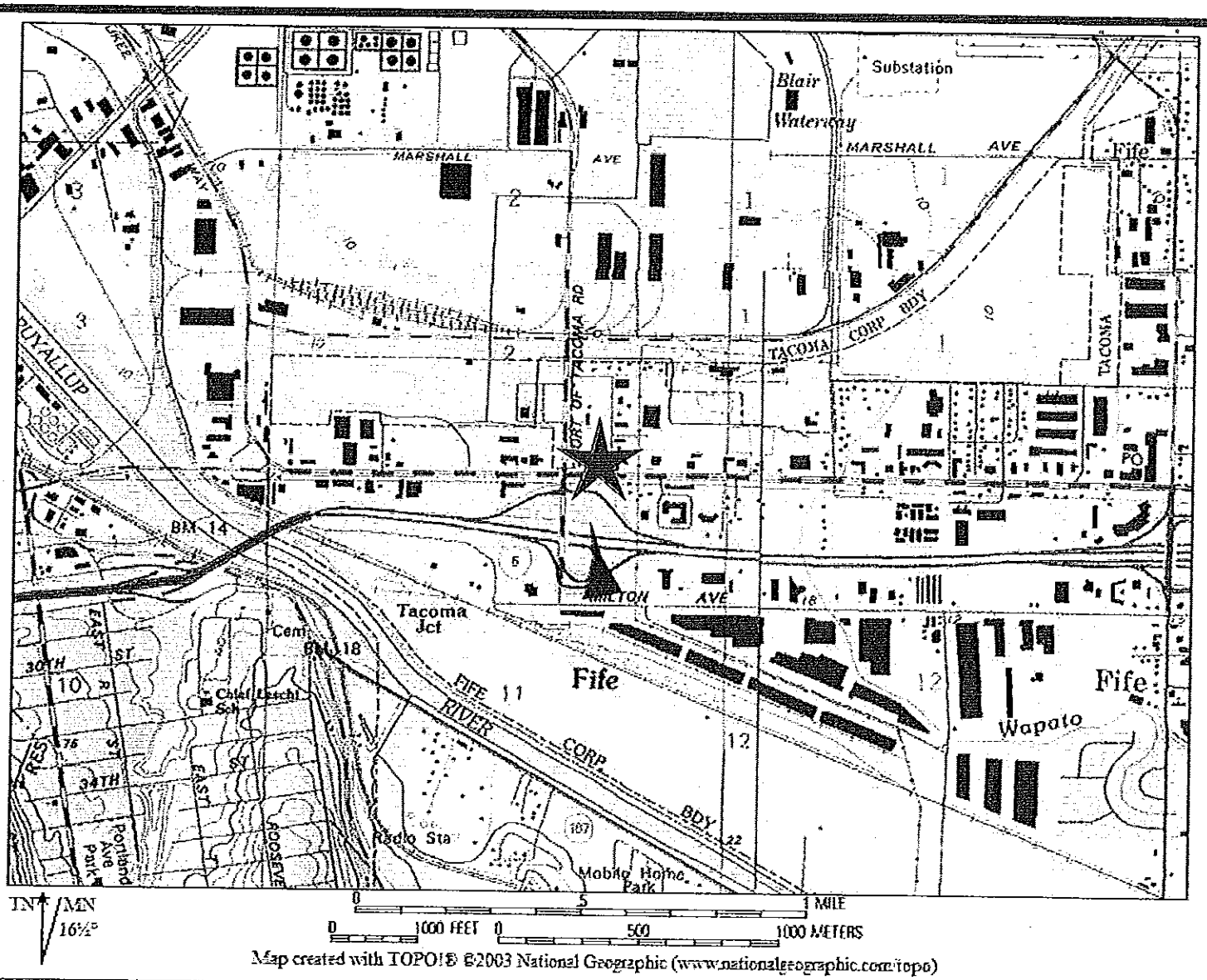

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Approximate Geographical Center of Site Location

Inferred Approximate Direction of Regional Groundwater Flow

N

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VICINITY / TOPOGRAPHIC MAP

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:		Plate:
JN 36173-2	October 2017		1

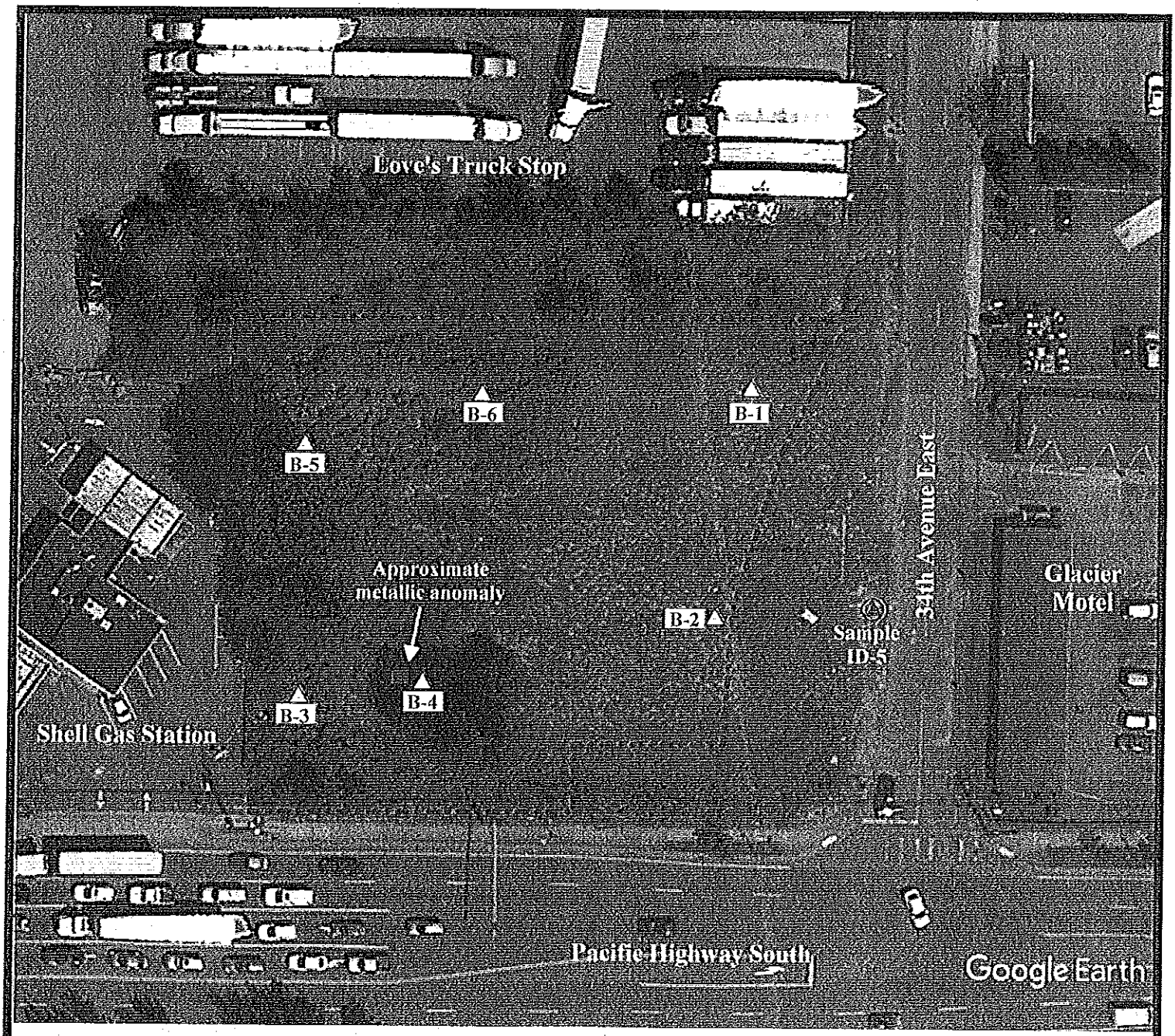

Approximate Monitoring Well Location

Approximate Boring Location

Approximate Site Boundary

Inferred Approximate Direction of Regional Groundwater Flow at Subject

N

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SITE PLAN

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:		Plate:
JN 36173-2	October 2017		2

BORING B1

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5	Screen 10 to 20 feet bgs	Moist		SM	Brown silt/sand, moist, no odors or discolorations PID=0
		Wet		SP	Brown sand, wet, no odor or discoloration PID=0
10					
15		Moist		SM	Brown silty sand and wood debris, moist, organic odor PID=0
20		Dry		SM	Brown silty sand, dry, no odor or discoloration PID=0
					Boring terminated at 20 feet below grade on October 9, 2017.
25					
30					
35					
40					

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Boring: B1

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	3

BORING B2

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5		Dry		OL	Brown/grey silt and clay, dry, no odors or discolorations PID=1.6
		Wet		SP	Grey sand, wet, organic odor PID=0.7
10	Screen 10 to 20 feet bgs				
		Moist		SM	Grey silty sand, moist, no odor or discoloration PID=0.3
15					
		Moist		SP	Grey sand, moist, no odor or discoloration PID=10.8
20					Boring terminated at 20 feet below grade on October 9, 2017.
25					
30					
35					
40					

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Boring: B2

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	4

BORING B3

Depth Sample	Well Design	Measured Water Table	Blows / Foot	USCS	DESCRIPTION
0		Dry		SM	Brown silty/sand and gravels; plant debris; dry; no odors or discolorations PID=0.1
5		Water recovered			Static Water Level (SWL at approximately 5 feet bgs)
		Damp		OL	Brown silt; plant debris; damp; organic odor PID=1.3
10	Bentonite Chips				Wood debris
15		Moist		SM	Brown sand; silt; moist; no odor or discoloration PID=0
		Moist		SP	Brown/grey sand; moist; no odor or discoloration PID=0
20					
25					Boring initially terminated at 20 feet below grade, then further extended to 25 feet below grade on October 6, 2017. SWL stabilized at approximately 5 feet bgs.
30					
35					
40					

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Boring: B3

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 16173-2	October 2017	RAZ	4

BORING B4

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5	Screen 5 to 25 feet bgs	Dry Water recovered		SM	Brown/grey silty sand and plant debris, dry, no odors or discolorations PID=0.1 Static Water Level (SWL) at approximately 6.5 feet bgs
10		Damp		SM	Grey silty sand, moist, organic odor PID=0
15		Moist		SP	Grey sand, moist, organic odor PID=0
20		Moist		SP	Grey sand, moist, organic odor PID=0
25					Boring terminated at 25 feet below grade on October 9, 2017. SWL stabilized at approximately 6.5 feet bgs.
30					
35					
40					

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Boring: B4

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	6

BORING B5

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5		Dry Water recovered		SM	Brown/grey silty sand, dry, no odors or discolorations PID=0 Static Water Level (SWL) at approximately 6.5 feet bgs
10	Screen 5 to 25 feet bgs				Loose material - no recovery
		Damp		SP	Grey/brown sand, damp, no odors or discolorations PID=0
15					
20		Damp		SP	Grey sand, damp, no odors or discolorations PID=0
25					Boring terminated at 25 feet below grade on October 9, 2017. SWL stabilized at approximately 6.5 feet bgs.
30					
35					
40					

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Bellevue, Washington 98004

Boring: B5

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	7

BORING B6

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5	Screen 5 to 25 feet bgs	Dry Water recovered		SM	Brown/grey silty sand, dry, no odors or discolorations PID=0 Static Water Level (SWL) at approximately 6.5 feet bgs
10					Loose material - no recovery
15		Damp		SP	Grey/brown sand, damp, no odors or discolorations PID=0
20		Damp		SP	Grey sand, damp, no odors or discolorations PID=0
25					Boring terminated at 25 feet below grade on October 9, 2017. SWL stabilized at approximately 6.5 feet bgs.
30					
35					
40					

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1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B6

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	8

TABLE 1 - Petroleum Hydrocarbons and BTEX - Soil Sampling Results
All results and limits in parts per million (ppm)

Strataprobe Boring	Gasoline (TPH)	Diesel	Heavy Oil	Benzene	Toluene	Ethylbenzene	Total Xylenes
B1-8.5 @ 8.5' BGS	ND	ND	ND	ND	ND	ND	ND
B2-20 @ 20' BGS	ND	ND	ND	ND	ND	ND	ND
B3-5 @ 5' BGS	ND	ND	ND	ND	ND	ND	ND
B4-9 @ 9' BGS	ND	ND	ND	ND	ND	ND	ND
B5-13 @ 13' BGS	ND	ND	ND	ND	ND	ND	ND
B6-19 @ 19' BGS	ND	ND	ND	ND	ND	ND	ND
Reporting Limit [3]	10	50	100	0.02	0.05	0.05	0.15
WDOE Target Compliance Level[4]	**30 or 100 [5]**	**2000**	**2000**	**0.03**	**7**	**6**	**9**

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Soil samples were field screened using a GasTech combustible gas meter to measure the concentration of combustible gas, such as petroleum VOCs. Headspace VOC concentrations were measured after placing the soil sample in a sealed plastic bag and allowing soil and air inside the bag to equilibrate.
5- The MTCA gasoline TPH cleanup level is 30 ppm for soils with benzene otherwise it is 100 ppm.

Bold and Italics denotes concentrations above MTCA Method A soil cleanup levels.

BGS - Below ground surface.

TABLE 2- Petroleum Hydrocarbons and BTEX- Groundwater Sampling Results
All results and limits in parts per billion (ppb)

Strataprobe Boring	Gasoline (TPH)	Diesel (TPH)	Heavy Oil (TPH)	Benzene	Toluene	Ethylbenzene	Total Xylenes
B1-Water	ND	ND	ND	ND	ND	ND	ND
B2-Water	ND	ND	ND	ND	ND	ND	ND
B3-Water	ND	ND	ND	ND	ND	ND	ND
B4-Water	ND	ND	ND	ND	ND	ND	ND
B5-Water	ND	ND	ND	ND	ND	ND	ND
B6-Water	ND	ND	ND	ND	ND	ND	ND
Reporting Limit [3]	100	100	250	1	1	1	3
MTCA-Method-A Cleanup Levels[4]	**800 or 1000[5]**	**500**	**500**	**5**	**1000**	**700**	**1000**

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A groundwater cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.
5- The MTCA gasoline TPH cleanup level is 800 ppb for groundwater with benzene. Otherwise, the cleanup level is 1000 ppb.

Bold and Italics denotes concentrations above existing or proposed MTCA Method A groundwater cleanup levels.

TABLE 3- VOCs - Groundwater Sampling Results
All results and limits in parts per billion (ppb)

Boring	Tetrachloroethene (PCE)	Trichloroethene (TCE)	(cis) 1,2 Dichloroethene	(trans) 1,2 Dichloroethene	Vinyl Chloride
B1-Water	ND	ND	ND	ND	ND
B2-Water	ND	ND	ND	ND	ND
B3-Water	ND	ND	ND	ND	ND
B4-Water	ND	ND	ND	ND	ND
B5-Water	ND	ND	ND	ND	ND
B6-Water	ND	ND	ND	ND	ND
Reporting Limit [3]	1	1	1	1	0.2
Existing Cleanup Level[4]	5 (A)	5 (A)	16 (B)	160 (B)	0.2 (A)

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A or B groundwater cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC, amended May 2014.

Bold and Italics denotes concentrations above existing MTCA Method A groundwater cleanup levels.

TABLE 4 - MTCA-5 Dissolved Metals - Groundwater Sampling Results
All results and limits in parts per billion (ppb)

Sample Location	Arsenic	Cadmium	Chromium	Lead	Mercury
B1-Water	***5.5***	ND	ND	ND	ND
B2-Water	3.2	ND	ND	ND	ND
B5-Water	***7.4***	ND	ND	ND	ND
Reporting Limit [3]	2	2	10	2	1
Existing Cleanup Level[4]	5 (A)	5 (A)	50 (A)	15 (A)	2 (A)

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A or B cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.

Bold and Italics denotes concentrations above existing MTCA Method A soil cleanup levels.

TABLE 5- Arsenic - Soil Sampling Results All results and limits in parts per million

Sample Name	Arsenic
B1-8.5 @ 8.5' BGS	ND
B2-20 @ 20' BGS	ND
B5-13 @ 13' BGS	ND
Reporting Limit [3]	5
WDOE-Method-A Cleanup Level (unrestricted land use)	20

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A or B cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.

Bold and Italics denotes concentrations above existing MTCA Method A soil cleanup levels.

TABLE 6 - Select VOCs and APH - Soil Vapor Sampling Results
All results and limits in micro-grams per cubic meter (ug/M³)

Sample Name	Location & Depth	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Acetone	Propene	1,3-Butadiene	Benzene	Toluene	Ethylbenzene	Xylenes (m,p)	Xylenes (o)	Naphthalene	APH EC5-8 Aliphatics	APH EC9-12 Aliphatics	APH EC9-10 Aromatics
B-6	B-6 @ 5 foot below ground surface	<1.7	<1.3	1500.00	17.00	2.00	1.90	10	9.1	51	26	<1.3	1,100	600	<120
	WDOE - Soil Gas Screening Levels[4]	321	12.3	NA	NA	2.78	10.7	76,200	15,200	1,520	1,520	2.45	90,000	4,700	6,000

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" Not applicable.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4 - Soil gas screening level that concentrations in the soil gas just beneath a building expected to not result in exceedance of the air cleanup level in the overlying structure, per the WDOE's Guidance For Evaluating Soil Vapor Intrusion - (April, 2015).

Bold and Italics indicate concentrations of soil vapor that exceed the WDOE soil gas screening level and/or concentrations that exceed the WDOE Standard Method-B Air Target Compliance Levels.

APPENDIX A

Lab Reports

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Eric Zuem - Environmental Associates, Inc
ADDRESS: 1380-112th ave NE, #300 Bellevue, WA 98004
PHONE: 425-455-9025 FAX: 425-455-2316
CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zuem

DATE: 10-9-17 PAGE 1 OF 2
PROJECT NAME: Vacant lot
LOCATION: Fife - 3309 Pac. Hwy E.
COLLECTOR: Eric Zuem DATE OF COLLECTION: 10-9-17

	Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	NOTES	Total Number of Containers	Laboratory Note Number
1.	B1-5	5'	8:30	Soil																					
2.	B1-8.5	8.5	8:35	↓			X	X	X															3	
3.	B1-15	15'	8:40	↓																				3	
4.	B1-20	20'	8:45	↓																				3	
5.	B1-water	15-16'	9:00	Water			X	X	X		X					X								3	
6.	B2-5	5'	~~9:15~~	Soil																			NW dissolved metals	4	
7.	B2-9.5	9.5'	9:15	↓																				3	
8.	B2-15	15'	9:20	↓																				3	
9.	B2-20	20'	9:25	↓			X	X	X															3	
10.	B2-water	15-20'	10:05	Water			X	X	X		X					X								3	
11.	B3-5	5'	10:30	Soil			X	X	X														NW dissolved metals	4	
12.	B3-7.5	7.5	10:35	↓																				3	
13.	B3-15	15'	10:40	↓																				3	
14.	B3-19	19'	10:45	↓																				3	
15.	B3water	5-8'	11:05	Water			X	X	X		X													3	
16.	B4-5	5'	11:40	Soil																				4	
17.	B4-9	9'	11:45	↓			X	X	X															3	
18.	B4-15	15'	11:50	↓																				3	

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:10	Cole Pickering	10-9-17 2:10
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	83
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:
Call Eric for billing

Turn Around Time: 24 HR 48 HR 5 DAY

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: EAI - Eric Zwem
ADDRESS:
PHONE: FAX:
CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zwem

DATE: 10-9-17 PAGE 2 OF 2
PROJECT NAME: Vacant Lot
LOCATION: Fife - 3309 Pac Hwy E.
COLLECTOR: Eric Zwem DATE OF COLLECTION: 10-9-17

Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	NOTES	Total Number of Containers	Laboratory Note Number
1. B4-19	19'	11:55	Soil																				3	
2. B4-water	7-10'	12:05	Water			X	X	X		X													4	
3. B5-5	5'	12:30	Soil																				3	
4. B5-13	13'	12:35	↓			X	X	X															3	
5. B5-20	20'	12:40	↓																				3	
6. B5-water	5-6'	12:50	Water			X	X	X		X					X							no dissolved metals	4	
7. B6-5	5'	1:20	Soil																				3	
8. B6-10	10'	1:23	↓																				3	
9. B6-15	15'	1:26	↓																				3	
10. B6-19	19'	1:30	↓			X	X	X															3	
11. B6-water	5-6'	1:40	Water			X	X	X		X													4	
12.																								
13.																								
14.																								
15.																								
16.																								
17.																								
18.																								

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:40	Gil Pickering	10-9-17 2:40
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	93
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Call Eric for billing.

Turn Around Time: 24 HR 48 HR (5 DAY)

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx Extended

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	10/10/2017	10/10/2017	96	nd	nd
LCS	10/10/2017	10/10/2017	117	78%	---
B1-8.5	10/10/2017	10/10/2017	117	nd	nd
B1-8.5 Duplicate	10/10/2017	10/10/2017	84	nd	nd
B2-20	10/10/2017	10/10/2017	110	nd	nd
B3-5	10/10/2017	10/10/2017	87	nd	nd
B4-9	10/10/2017	10/10/2017	80	nd	nd
B5-13	10/10/2017	10/10/2017	88	nd	nd
B6-19	10/10/2017	10/10/2017	66	nd	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Water by Method NWTPH-Dx Extended

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (ug/L)	Lube Oil Range Organics (ug/L)
Method Blank	10/11/2017	10/11/2017	141	nd	nd
LCS	10/11/2017	10/11/2017	149	84%	---
B1-Water	10/11/2017	10/11/2017	147	nd	nd
B2-Water	10/11/2017	10/11/2017	123	nd	nd
B3-Water	10/11/2017	10/11/2017	110	nd	nd
B4-Water	10/11/2017	10/11/2017	112	nd	nd
B5-Water	10/11/2017	10/11/2017	125	nd	nd
B6-Water	10/11/2017	10/11/2017	111	nd	nd
Reporting Limits				100	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Associates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	10/16/2017	10/16/2017	nd	nd	nd	nd	nd	96
LCS	10/16/2017	10/16/2017	114%	115%	117%	107%	121%	98
LCSD	10/16/2017	10/16/2017	nd	nd	nd	nd	nd	98
B1-8.5	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	96
B2-20	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	103
B3-5	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	96
B4-9	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	102
B5-13	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	102
B6-19	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	101
Reporting Limits			0.02	0.05	0.05	0.15	10	

"---" Indicates not tested for component.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromofluorobenzene) & LCS : 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Water by Method NWTPH-Gx/8260

Sample Number	Date Analyzed	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Gasoline Range Organics (ug/L)	Surrogate Recovery (%)
Method Blank	10/13/2017	nd	nd	nd	nd	nd	101
LCS	10/13/2017	90%	91%	93%	86%	115%	107
LCSD	10/13/2017	75%	74%	75%	70%	---	97
B1-Water	10/13/2017	nd	nd	nd	nd	nd	97
B2-Water	10/13/2017	nd	nd	nd	nd	nd	98
B3-Water	10/13/2017	nd	nd	nd	nd	nd	107
B4-Water	10/13/2017	nd	nd	nd	nd	nd	102
B5-Water	10/13/2017	nd	nd	nd	nd	nd	104
B6-Water	10/13/2017	nd	nd	nd	nd	nd	103
Reporting Limits		1.0	1.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromoflurorbenzene) & LCS: 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Volatile Organic Compounds in Water by Method 8260C/5030C

Analytical Results

	RL	MB	LCS	LCSD	B1-Water	B2-Water	B3-Water	B4-Water	B5-Water	B6-Water
Date analyzed	(ug/L)	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17
Dichlorodifluoromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Chloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	117%	95%	nd	nd	nd	nd	nd	nd
Bromomethane	1.0	nd			nd	nd	nd	nd	nd	nd
Chloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Acetone	10.0	nd			nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	1.0	nd	110%	93%	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd			nd	nd	nd	nd	nd	nd
Methyl-t-butyl ether (MTBE)	1.0	nd			nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd			nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
2-Butanone (MEK)	10.0	nd			nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	1.0	nd			nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	81%	73%	nd	nd	nd	nd	nd	nd
Bromochloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd			nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd			nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd			nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	90%	75%	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	93%	77%	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	94%	80%	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd			nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
4-Methyl-2-pentanone (MIBK)	1.0	nd			nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	1.0	nd			nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	91%	74%	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	1.0	nd			nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
2-Hexanone	1.0	nd			nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	95%	73%	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)	1.0	nd			nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	92%	74%	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	93%	75%	nd	nd	nd	nd	nd	nd
Xylenes	3.0	nd	86%	70%	nd	nd	nd	nd	nd	nd
Styrene	1.0	nd			nd	nd	nd	nd	nd	nd
Bromoform	1.0	nd			nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
Isopropylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd			nd	nd	nd	nd	nd	nd

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Volatile Organic Compounds in Water by Method 8260C/5030C

Analytical Results

	RL	MB	LCS	LCSD	B1-Water	B2-Water	B3-Water	B4-Water	B5-Water	B6-Water
Date analyzed	(ug/L)	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17
n-Propylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
2-Chlorotoluene	1.0	nd			nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd			nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
tert-Butylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
sec-Butylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
Naphthalene	1.0	nd			nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
Surrogate recoveries										
Dibromofluoromethane		78%	90%	95%	81%	79%	99%	105%	99%	95%
Toluene-d8		97%	99%	101%	95%	95%	100%	97%	95%	95%
4-Bromofluorobenzene		101%	107%	97%	97%	98%	107%	102%	104%	103%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Associates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Dissolved Metals in Water by EPA-6020 Method

Sample Number	Date Analyzed	Lead (Pb) (ug/L)	Cadmium (Cd) (ug/L)	Chromium (Cr) (ug/L)	Arsenic (As) (ug/L)	Mercury (Hg) (ug/L)
Method Blank	10/12/2017	nd	nd	nd	nd	nd
B1-Water	10/12/2017	nd	nd	nd	5.5	nd
B2-Water	10/12/2017	nd	nd	nd	3.2	nd
B5-Water	10/12/2017	nd	nd	nd	7.4	nd
Reporting Limits		2.0	2.0	10	2.0	1.0

"nd" Indicates not detected at listed detection limits.

QA/QC Data - Dissolved Metals EPA-6020

	Laboratory Control Sample			Laboratory Control Sample Duplicate			RPD
	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	(%)
Lead	20.0	19.0	95.0	20.0	18.9	94.5	0.53
Cadmium	20.0	18.5	92.5	20.0	18.8	94.0	1.61
Chromium	20.0	16.4	82.0	20.0	16.9	84.5	3.00
Arsenic	20.0	17.8	89.0	20.0	18.4	92.0	3.31
Mercury	2.00	1.99	99.5	2.00	2.00	100	0.50

ACCEPTABLE RECOVERY LIMITS FOR LABORATORY CONTROL SAMPLES: 80%-120%
ACCEPTABLE RPD IS 20%

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Eric Zuem - Environmental Associates, Inc.
ADDRESS: 1380-112th ave NE, #300 Bellevue, WA 98004
PHONE: 425-455-9025 FAX: 425-455-2316
CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zuem

DATE: 10-9-17 PAGE 1 OF 2
PROJECT NAME: Vacant lot
LOCATION: Fife - 3309 Pac. Hwy E.
COLLECTOR: Eric Zuem DATE OF COLLECTION: 10-9-17

Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	W/O Suite	As	NOTES	Total Number of Containers	Laboratory Note Number
1. B1-5	5'	8:30	Soil																						
2. B1-8.5	8.5'	8:35	↓			X	X	X																3	
3. B1-15	15'	8:40																			(X)			3	
4. B1-20	20'	8:45	↓																					3	
5. B1-water	15-16'	9:00	Water			X	X	X		X					X									3	
6. B2-5	5'	~~9:10~~	Soil																				non dissolved metals	4	
7. B2-9.5	9.5'	9:15	↓																					3	
8. B2-15	15'	9:20																						3	
9. B2-20	20'	9:25	↓			X	X	X																3	
10. B2-water	16-20'	10:05	Water			X	X	X		X					X						(X)			3	
11. B3-5	5'	10:30	Soil			X	X	X															non dissolved metals	4	
12. B3-7.5	7.5	10:35	↓																					3	
13. B3-15	15'	10:40	↓																					3	
14. B3-19	19'	10:45	↓																					3	
15. B3water	5-8'	11:15	Water			X	X	X		X														3	
16. B4-5	5'	11:40	Soil																					4	
17. B4-9	9'	11:45	↓			X	X	X																3	
18. B4-15	15'	11:50	↓																					3	
																								3	

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:10	Cole Pickering	10-9-17 2:10
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	93
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Call Eric for billing

Turn Around Time: 24 HR 48 HR (5 DAY)

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: EAE - Eric Zuem

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zuem

DATE: 10-9-17 PAGE 2 OF 2

PROJECT NAME: Vacant Lot

LOCATION: Fife - 3309 Pacific Hwy E.

COLLECTOR: Eric Zuem DATE OF COLLECTION: 10-9-17

Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	As	NOTES	Total Number of Containers	Laboratory Note Number
1. B4-19	19'	11:53	Soil																						
2. B4-water	7-10'	12:05	Water		X	X	X		X															3	
3. B5-5	5'	12:30	Soil																					4	
4. B5-13	13'	12:35	↓		X	X	X																	3	
5. B5-20	20'	12:40	↓																		X			3	
6. B5-water	5-6'	12:50	Water		X	X	X		X						X									3	
7. B6-5	5'	1:20	Soil																				run dissolved metals	4	
8. B6-10	10'	1:23	↓																					3	
9. B6-15	15'	1:26	↓																					3	
10. B6-19	19'	1:30	↓		X	X	X																	3	
11. B6-water	5-6'	1:40	Water		X	X	X		X															3	
12.																								4	
13.																									
14.																									
15.																									
16.																									
17.																									
18.																									

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:10	Eric Pickering	10-9-17 2:10
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	93
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Call Eric for billing.

Turn Around Time: 24 HR 48 HR / 5 DAY

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ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Associates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Total Arsenic in Soil by Method 6020A/3050B

Sample Number	Date Prepared	Date Analyzed	Arsenic (As) (mg/kg)
Method Blank	10/23/2017	10/24/2017	nd
B1-8.5	10/23/2017	10/24/2017	nd
B2-20	10/23/2017	10/24/2017	nd
B5-13	10/23/2017	10/24/2017	nd
Reporting Limit			5.0

"nd" Indicates not detected at listed detection limits.

QA/QC Data - Analysis of Total Metals in Soil by Method 6020A/3050B

Sample Number: QC Batch	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	(%)
Arsenic (As)	85.5	60.7	71.0M	81.0	60.5	74.7M	5.08

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Arsenic (As)	100	87.7	87.7

ACCEPTABLE RECOVERY LIMITS FOR LABORATORY CONTROL SAMPLES: 80%-120%
ACCEPTABLE RPD IS 20%
M - Matrix Spike recovery failed due to matrix interference.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

October 24, 2017

Eric Zuern, Project Manager
Environmental Associates, Inc.
1380 112th Ave. NE, 300
Bellevue, WA 98004

Dear Mr Zuern:

Included are the results from the testing of material submitted on October 11, 2017 from the Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256 project. There are 9 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
EAI1024R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 11, 2017 by Friedman & Bruya, Inc. from the Environmental Associates Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Environmental Associates
710256 -01	B-6

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	B-6	Client:	Environmental Associates
Date Received:	10/11/17	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	10/09/17	Lab ID:	710256-01 1/2.5
Date Analyzed:	10/19/17	Data File:	101911.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	1,100
APH EC9-12 aliphatics	600
APH EC9-10 aromatics	<120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Method Blank	Client:	Environmental Associates
Date Received:	Not Applicable	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	Not Applicable	Lab ID:	07-2328 mb
Date Analyzed:	10/19/17	Data File:	101906.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	97	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	<46
APH EC9-12 aliphatics	<70
APH EC9-10 aromatics	<50

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	B-6	Client:	Environmental Associates
Date Received:	10/11/17	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	10/09/17	Lab ID:	710256-01 1/2.5
Date Analyzed:	10/19/17	Data File:	101911.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	91	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Chlorodifluoromethane	<0.88	<0.25	1-Butanol	<15	<5
Propene	17	9.8	Carbon tetrachloride	<1.6	<0.25
Dichlorodifluoromethane	2.5	0.51	Benzene	1.9	0.60
Chloromethane	<0.52	<0.25	Cyclohexane	<17	<5
F-114	<1.7	<0.25	2-Pentanone	<8.8	<2.5
Isobutene	6.8	3.0	3-Pentanone	<8.8	<2.5
Acetaldehyde	25	14	Pentanal	<8.8	<2.5
Vinyl chloride	<0.64	<0.25	1,2-Dichloropropane	<1.2	<0.25
1,3-Butadiene	2.0	0.89	1,4-Dioxane	<0.9	<0.25
Bromomethane	<0.97	<0.25	Bromodichloromethane	<1.7	<0.25
Chloroethane	<0.66	<0.25	Trichloroethene	<1.3	<0.25
Ethanol	<19	<10	cis-1,3-Dichloropropene	<1.1	<0.25
Acetonitrile	<4.2	<2.5	4-Methyl-2-pentanone	<10	<2.5
Acrolein	<2.3	<1	trans-1,3-Dichloropropene	<1.1	<0.25
Acrylonitrile	<0.54	<0.25	Toluene	10	2.8
Pentane	<7.4	<2.5	1,1,2-Trichloroethane	<1.4	<0.25
Trichlorofluoromethane	1.5	0.26	3-Hexanone	<10	<2.5
Acetone	1,500 ve	640 ve	2-Hexanone	<10	<2.5
2-Propanol	<22	<8.7	Hexanal	<10	<2.5
Isoprene	0.96	0.34	Tetrachloroethene	<1.7	<0.25
Iodomethane	<1.5	<0.25	Dibromochloromethane	<2.1	<0.25
1,1-Dichloroethene	<0.99	<0.25	1,2-Dibromoethane (EDB)	<1.9	<0.25
Methacrolein	<7.2	<2.5	Chlorobenzene	<1.2	<0.25
trans-1,2-Dichloroethene	<0.99	<0.25	Ethylbenzene	9.1	2.1
Cyclopentane	<0.72	<0.25	1,1,2,2-Tetrachloroethane	<1.7	<0.25
Methyl vinyl ketone	<2.9	<1	m,p-Xylene	51	12
Butanal	<7.4	<2.5	o-Xylene	26	6.0
Methylene chloride	<220	<62	Styrene	<2.1	<0.5
CFC-113	<1.9	<0.25	Bromoform	<5.2	<0.5
Carbon disulfide	<16	<5	Benzyl chloride	<1.3	<0.25
Methyl t-butyl ether	<4.5	<1.2	1,3,5-Trimethylbenzene	<6.1	<1.2
Vinyl acetate	<18	<5	1,2,4-Trimethylbenzene	<6.1	<1.2
1,1-Dichloroethane	<1	<0.25	1,3-Dichlorobenzene	<3	<0.5
cis-1,2-Dichloroethene	<0.99	<0.25	1,4-Dichlorobenzene	<1.5	<0.25
Hexane	<8.8	<2.5	1,2,3-Trimethylbenzene	<6.1	<1.2
Chloroform	<1.2	<0.25	1,2-Dichlorobenzene	<3	<0.5
2-Butanone (MEK)	<7.4	<2.5	1,2,4-Trichlorobenzene	<1.9	<0.25
1,2-Dichloroethane (EDC)	<1	<0.25	Naphthalene	<1.3	<0.25
1,1,1-Trichloroethane	<1.4	<0.25	Hexachlorobutadiene	<2.7	<0.25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	Environmental Associates
Date Received:	Not Applicable	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	Not Applicable	Lab ID:	07-2328 mb
Date Analyzed:	10/19/17	Data File:	101906.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Chlorodifluoromethane	<0.35	<0.1	1-Butanol	<6.1	<2
Propene	<0.69	<0.4	Carbon tetrachloride	<0.63	<0.1
Dichlorodifluoromethane	<0.49	<0.1	Benzene	<0.32	<0.1
Chloromethane	<0.21	<0.1	Cyclohexane	<6.9	<2
F-114	<0.7	<0.1	2-Pentanone	<3.5	<1
Isobutene	<0.92	<0.4	3-Pentanone	<3.5	<1
Acetaldehyde	<9	<5	Pentanal	<3.5	<1
Vinyl chloride	<0.26	<0.1	1,2-Dichloropropane	<0.46	<0.1
1,3-Butadiene	<0.22	<0.1	1,4-Dioxane	<0.36	<0.1
Bromomethane	<0.39	<0.1	Bromodichloromethane	<0.67	<0.1
Chloroethane	<0.26	<0.1	Trichloroethene	<0.54	<0.1
Ethanol	<7.5	<4	cis-1,3-Dichloropropene	<0.45	<0.1
Acetonitrile	<1.7	<1	4-Methyl-2-pentanone	<4.1	<1
Acrolein	<0.92	<0.4	trans-1,3-Dichloropropene	<0.45	<0.1
Acrylonitrile	<0.22	<0.1	Toluene	<0.38	<0.1
Pentane	<3	<1	1,1,2-Trichloroethane	<0.55	<0.1
Trichlorofluoromethane	<0.56	<0.1	3-Hexanone	<4.1	<1
Acetone	<4.8	<2	2-Hexanone	<4.1	<1
2-Propanol	<8.6	<3.5	Hexanal	<4.1	<1
Isoprene	<0.28	<0.1	Tetrachloroethene	<0.68	<0.1
Iodomethane	<0.58	<0.1	Dibromochloromethane	<0.85	<0.1
1,1-Dichloroethene	<0.4	<0.1	1,2-Dibromoethane (EDB)	<0.77	<0.1
Methacrolein	<2.9	<1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	<0.43	<0.1
Cyclopentane	<0.29	<0.1	1,1,2,2-Tetrachloroethane	<0.69	<0.1
Methyl vinyl ketone	<1.1	<0.4	m,p-Xylene	<0.87	<0.2
Butanal	<2.9	<1	o-Xylene	<0.43	<0.1
Methylene chloride	<87	<25	Styrene	<0.85	<0.2
CFC-113	<0.77	<0.1	Bromoform	<2.1	<0.2
Carbon disulfide	<6.2	<2	Benzyl chloride	<0.52	<0.1
Methyl t-butyl ether	<1.8	<0.5	1,3,5-Trimethylbenzene	<2.5	<0.5
Vinyl acetate	<7	<2	1,2,4-Trimethylbenzene	<2.5	<0.5
1,1-Dichloroethane	<0.4	<0.1	1,3-Dichlorobenzene	<1.2	<0.2
cis-1,2-Dichloroethene	<0.4	<0.1	1,4-Dichlorobenzene	<0.6	<0.1
Hexane	<3.5	<1	1,2,3-Trimethylbenzene	<2.5	<0.5
Chloroform	<0.49	<0.1	1,2-Dichlorobenzene	<1.2	<0.2
2-Butanone (MEK)	<2.9	<1	1,2,4-Trichlorobenzene	<0.74	<0.1
1,2-Dichloroethane (EDC)	<0.4	<0.1	Naphthalene	<0.52	<0.1
1,1,1-Trichloroethane	<0.55	<0.1	Hexachlorobutadiene	<1.1	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/24/17
Date Received: 10/11/17
Project: Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD APH

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
APH EC5-8 aliphatics	ug/m3	230	87	70-130
APH EC9-12 aliphatics	ug/m3	350	96	70-130
APH EC9-10 aromatics	ug/m3	251	102	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/24/17
Date Received: 10/11/17
Project: Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chlorodifluoromethane	ppbv	10	92	70-130
Propene	ppbv	10	83	70-130
Dichlorodifluoromethane	ppbv	10	92	70-130
Chloromethane	ppbv	10	89	70-130
F-114	ppbv	10	90	70-130
Isobutene	ppbv	10	86	70-130
Acetaldehyde	ppbv	10	89	70-130
Vinyl chloride	ppbv	10	89	70-130
1,3-Butadiene	ppbv	10	89	70-130
Bromomethane	ppbv	10	89	70-130
Chloroethane	ppbv	10	75	70-130
Ethanol	ppbv	10	80	70-130
Acetonitrile	ppbv	10	84	70-130
Acrolein	ppbv	10	93	70-130
Acrylonitrile	ppbv	10	96	70-130
Pentane	ppbv	10	95	70-130
Trichlorofluoromethane	ppbv	10	95	70-130
Acetone	ppbv	10	85	70-130
2-Propanol	ppbv	10	101	70-130
Isoprene	ppbv	10	104	70-130
Iodomethane	ppbv	10	101	70-130
1,1-Dichloroethene	ppbv	10	99	70-130
Methacrolein	ppbv	10	99	70-130
trans-1,2-Dichloroethene	ppbv	10	102	70-130
Cyclopentane	ppbv	10	102	70-130
Methyl Vinyl Ketone	ppbv	10	87	70-130
Butanal	ppbv	10	96	70-130
Methylene chloride	ppbv	10	90	70-130
CFC-113	ppbv	10	99	70-130
Carbon disulfide	ppbv	10	98	70-130
Methyl t-butyl ether	ppbv	10	105	70-130
Vinyl acetate	ppbv	10	89	70-130
1,1-Dichloroethane	ppbv	10	99	70-130
cis-1,2-Dichloroethene	ppbv	10	102	70-130
Hexane	ppbv	10	102	70-130
Chloroform	ppbv	10	98	70-130
2-Butanone (MEK)	ppbv	10	102	70-130
1,2-Dichloroethane (EDC)	ppbv	10	99	70-130
1,1,1-Trichloroethane	ppbv	10	100	70-130
1-Butanol	ppbv	10	92	70-130
Carbon tetrachloride	ppbv	10	101	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/24/17
Date Received: 10/11/17
Project: Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ppbv	10	104	70-130
Cyclohexane	ppbv	10	105	70-130
2-Pentanone	ppbv	10	92	70-130
3-Pentanone	ppbv	10	97	70-130
Pentanal	ppbv	10	100	70-130
1,2-Dichloropropane	ppbv	10	99	70-130
1,4-Dioxane	ppbv	10	107	70-130
Bromodichloromethane	ppbv	10	99	70-130
Trichloroethene	ppbv	10	100	70-130
cis-1,3-Dichloropropene	ppbv	10	104	70-130
4-Methyl-2-pentanone	ppbv	10	94	70-130
trans-1,3-Dichloropropene	ppbv	10	103	70-130
Toluene	ppbv	10	106	70-130
1,1,2-Trichloroethane	ppbv	10	95	70-130
3-Hexanone	ppbv	10	93	70-130
2-Hexanone	ppbv	10	93	70-130
Hexanal	ppbv	10	95	70-130
Tetrachloroethene	ppbv	10	103	70-130
Dibromochloromethane	ppbv	10	97	70-130
1,2-Dibromoethane (EDB)	ppbv	10	96	70-130
Chlorobenzene	ppbv	10	104	70-130
Ethylbenzene	ppbv	10	110	70-130
1,1,2,2-Tetrachloroethane	ppbv	10	106	70-130
m,p-Xylene	ppbv	20	116	70-130
o-Xylene	ppbv	10	119	70-130
Styrene	ppbv	10	116	70-130
Bromoform	ppbv	10	114	70-130
Benzyl chloride	ppbv	10	102	70-130
1,3,5-Trimethylbenzene	ppbv	10	106	70-130
1,2,4-Trimethylbenzene	ppbv	10	108	70-130
1,3-Dichlorobenzene	ppbv	10	105	70-130
1,4-Dichlorobenzene	ppbv	10	109	70-130
1,2,3-Trimethylbenzene	ppbv	10	102	70-130
1,2-Dichlorobenzene	ppbv	10	110	70-130
1,2,4-Trichlorobenzene	ppbv	10	104	70-130
Naphthalene	ppbv	10	106	70-130
Hexachlorobutadiene	ppbv	10	99	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inbomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

710250

SAMPLE CHAIN OF CUSTODY

ME 10/11/17

Report To Eric Zuem

Company Environmental Associates, Inc.

Address 1380 112th ave NE, Suite 300

City, State, ZIP Bellevue, WA 98004

Phone 425-455-9025 Email info@environmentalassociatesinc.com

SAMPLERS (signature)

PROJECT NAME Vacant Land 3304 Pacific Hwy E Fife

PO # 3173-2

REMARKS Bill to: David Shecar, David Shecar and Assoc. dvshecar@gmail.com

INVOICE TO

Page # 1 of 1

TURNAROUND TIME
- ☑ Standard
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☑ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

ANALYSIS REQUESTED

Sample Name	Lab ID	Canister ID	Flow Contr. ID	Date Sampled	Field Initial Press. (Hg)	Field Initial Time	Field Final Press. (Hg)	Field Final Time	TO-15 Full Scan	TO-15 BTEXN	TO-15 cVOCs	APH's	Notes
B-6	01	3673	108	10-9-17	-29	1:05	-3	1:10	X			X	
													Samples received at 20 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Eric Zuem	EAI	10-9-17	2:10
Received by: Lee Pickering	Lee Pickering	ESN	10-9-17	2:10
Relinquished by:	LOAGUE	ESN	10-10-17	1445
Received by: Nhan Phan	Nhan Phan	FEBT	10/11/17	1530

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COCTO-15.DOC

Tacoma Dome Link Extension

ATTACHMENT D

Phase I Environmental Site Assessment
TD 4047
Fife RV Center (West Property)
3410 Pacific Highway E
Fife, Washington

SOUNDTRANSIT

Phase I Environmental Site Assessment
TD 4047
Fife RV Center (West Property)
3410 Pacific Highway E
Fife, Washington

Prepared for

Sound Transit
Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

March 2021

CITATION

Sound Transit. 2021. Phase I Environmental Site Assessment
TD 4047 Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA.
Prepared by Parametrix, Seattle, WA.
March 2021.

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by Michael Brady, LG, LHG

Approved by Rick Wadsworth, PE

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ACRONYMS AND ABBREVIATIONS

ALLSITES	Facility/Site Information System
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CDL	Clandestine Drug Lab Contaminated Site
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CMMP	Contaminated Media Management Plan
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
CREC	Controlled Recognized Environmental Condition
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
CUL	Cleanup Level
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HIST CDL	Historical Clandestine Drug Lab Contaminated Site
HREC	Historical Recognized Environmental Condition
HSL	Hazardous Site List
ICR	Independent Cleanup Report
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
MTCA	Model Toxics Control Act
NFA	No Further Action
NonGen/NLR	Non-Generator/No Longer Regulated
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
PCS	Petroleum Contaminated Soil
PTAP	Petroleum Technical Assistance Program

Qal	Quaternary Alluvial Deposits
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RV	Recreational Vehicle
SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TD	Tacoma Dome
Topos	Topographical Maps
TSD	Transportation, Storage, and Disposal
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
WSDOT	Washington State Department of Transportation

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitation of American Society of Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as TD 4047. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located at 3410 Pacific Highway E in Fife, Washington, on Pierce County Parcel Identification number 0320111067 (Figure 1). The subject property is currently owned by Fife Real Properties, LLC, and operated as the Fife RV Center. The subject property is primarily used as an RV sales lot and offices. Monitoring wells were observed on the northwestern portion of the subject property.

The subject property was primarily used as farmland until development of residential structures in the late 1930s. The site was developed with a Gasamat gasoline station in the 1960s through the 1980s. The gasoline station was demolished and moved north onto the adjoining property, and the subject property was developed with a restaurant building on the southeast portion (current RV sales office). A historical residence remained on the northeast portion of the subject property until it was demolished in or around 2000 and turned into parking. The subject property has remained in this configuration through the present and has been used as an RV sales lot since approximately 2014.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed on the Washington State Department of Ecology (Ecology) Confirmed and Suspected Contaminated Sites List (CSCSL) database, Ecology Voluntary Cleanup Program (VCP) database, facility/site information (ALLSITES) database, Ecology SPILLS database, Resource Conservation and Recovery Act Non-generator / No longer regulated (RCRA NonGen/NLR) database, and the EDR Historical Auto Stations (EDR Hist Auto) database. The listings are related to a historical release of petroleum hydrocarbons from the former Gasamat gasoline station that operated from the 1960s through the 1980s. Remedial actions have been performed to address some of the contamination, but further characterization of the extent of the contamination plumes, including on adjoining properties (Washington State Department of Transportation [WSDOT] and Jack in the Box), is necessary to develop appropriate cleanup action plans. The ongoing contamination is a REC for the subject property related to the soil and groundwater plumes. The soil and groundwater contamination migrated primarily southwesterly away from the source area (Figure 2). It does not appear that a vapor intrusion risk exists to on-site buildings. However, Ecology records indicate potential vapor intrusion risk to the neighboring Jack in the Box restaurant, which is adjacent north of the plume.

A review of regulatory information indicated that several nearby sites were identified in the regulatory record databases, including the adjacent property to the east (Hometel Inn/Fife RV Center parts and repair department) and neighboring property northwest (H&H Northwest Companies vacant lot), which have metals impacts to groundwater that have been attributed to area-wide contamination. The metals in groundwater represent a REC to the subject property. The Tahoma Express/Unocal Station adjacent north previously had a release that was addressed in the 1990s and achieved a No Further Action (NFA) status from Ecology. The WSDOT Interstate 5/Port of Tacoma off-ramp property adjacent southwest of the subject property underwent remedial soil excavation in 2019. This remediation appears related to

the release from the subject property. However, no groundwater characterization was performed. No other listed sites are suspected to have impacted the subject property.

Data Gaps

An on-site reconnaissance and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to perform a Phase I ESA on the subject property located at 3410 Pacific Highway E in Fife, Washington (Figure 1). The property is identified as Tacoma Dome (TD) Link Extension parcel TD 4047, which is located on Pierce County parcel number 0320111067. It is our understanding the subject property may be acquired by Sound Transit for the completion of the Tacoma Dome Link Extension project. This Phase I ESA was conducted to support the environmental due diligence related to the potential acquisition.

The subject property is currently owned by Fife Real Properties, LLC, and is operated as a recreational vehicle (RV) sales lot. The subject property is located in a mixed-use area of commercial properties in the Pacific Highway Corridor of Fife in Pierce County, Washington (Figure 2).

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The ESA consists of two distinct tasks: (1) a review of documents and of oral information, and (2) a site examination. Conclusions and recommendations within this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study (ASTM 2013). The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (known as CERCLA) and, as such, constitutes "all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601 (35)(B).

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs) on or near the subject property. The term Recognized Environmental Condition is defined in ASTM Standard E1527-13 as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*."

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

1/28/2021 | ST_TDLE_Ph2 | Phase1_Fife_FifeRVCenterWestProperty_Figure_1.mxd

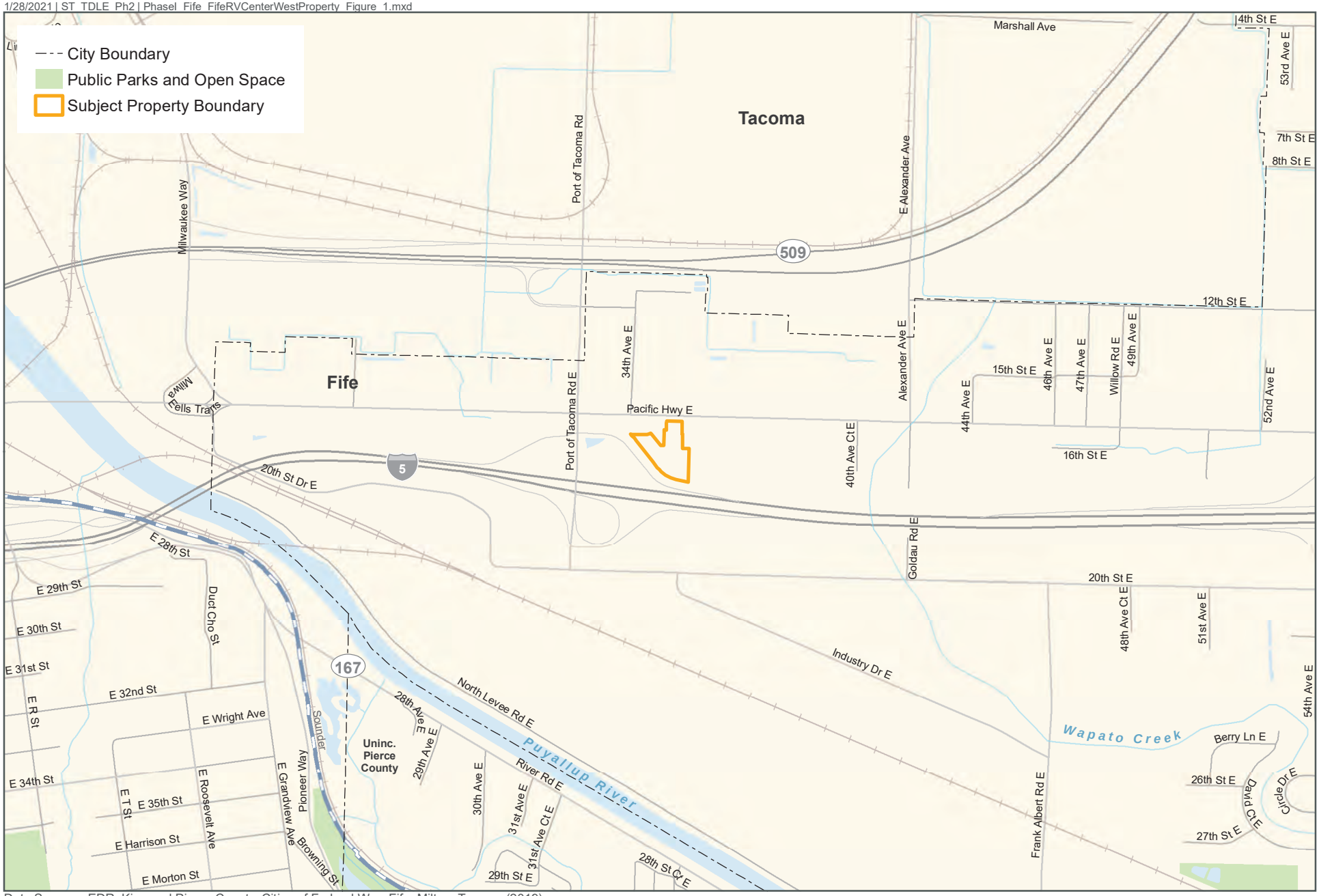

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 1
Site Vicinity Map
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

1/28/2021 | ST_TDLE_Ph2 | Phase1_Fife_FifeRVCenterWestProperty_Figure_2.mxd

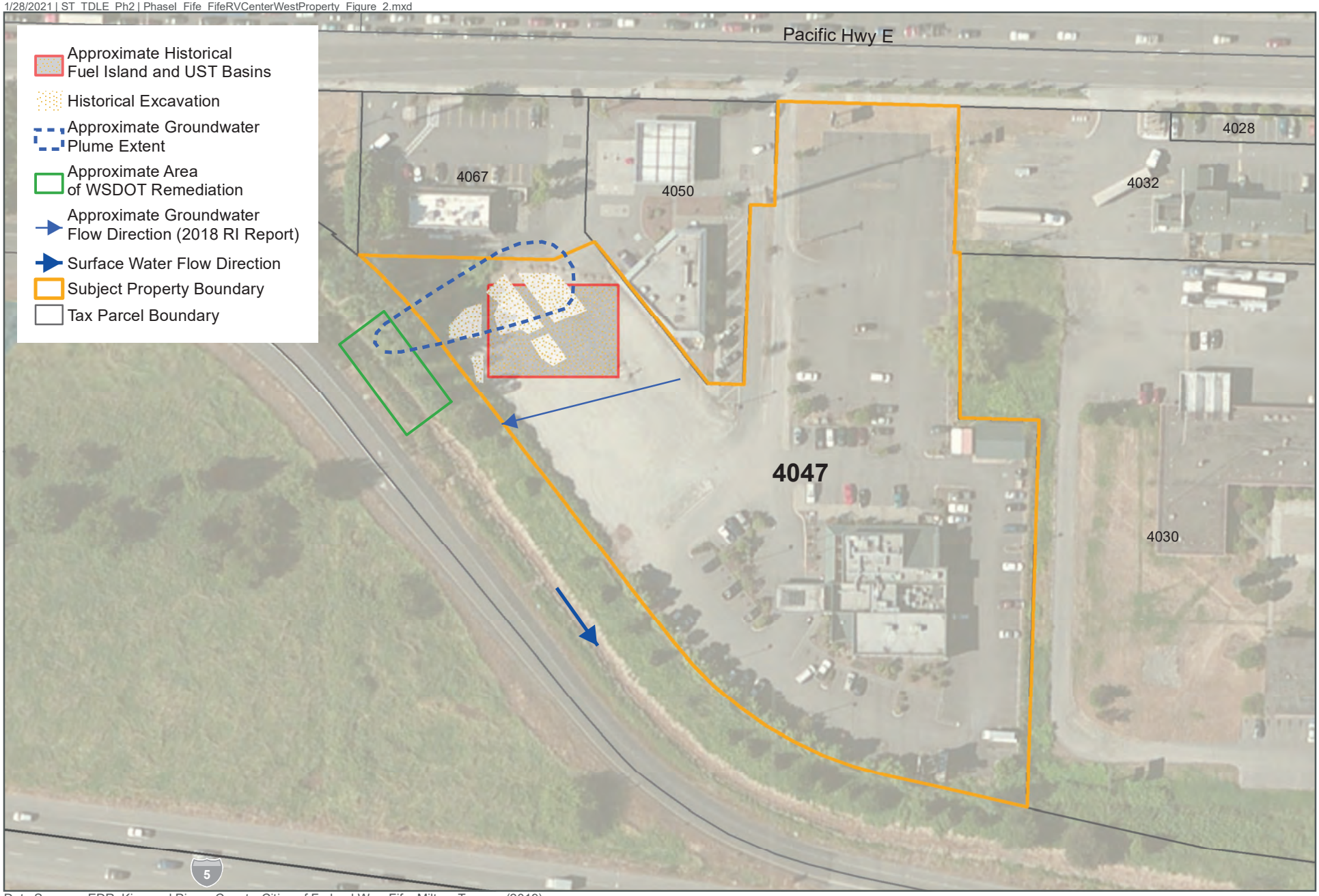

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls." (ASTM 2013)

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those observed from the public right-of-way. No visual reconnaissance was possible inside the buildings on the subject property.

Unless otherwise stated, no other exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions not detected at the time of the investigation may exist at the site.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

2.1 Location

The subject property is located at 3410 Pacific Highway E in Fife, Washington, on Pierce County parcel identification number 0320111067. The subject property is located within the northwest quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East in Pierce County, Washington (Figure 1).

2.2 Site and Vicinity Characteristics

The subject property is currently owned by Fife Real Properties, LLC, and is operated as the Fife RV Center. The subject property is located in a mixed-use area of commercial properties in the Pacific Highway Corridor of Fife (Figure 2).

Neighboring properties consist of a Jack in the Box restaurant (northwest), Tahoma Express gasoline station (north), Fife RV Center parts and repair (east), Travelodge Motel (northeast), Interstate 5 (south), and the Interstate 5/Port of Tacoma off-ramp (west).

2.3 Physical Setting

The subject property is at an elevation of approximately 15 feet above sea level. The topography of the site is relatively flat (USGS 2020). Soils in the area of the subject property are mapped as Puyallup loam and Puyallup fine sandy loam by the U.S. Department of Agriculture (USDA 1955). These are described as well-drained soils occurring on floodplains and low stream terraces.

The surface geology of the subject property is mapped as Quaternary alluvium (Qal) deposits (Troost, in press). The Qal deposits primarily consist of sand, gravel, silt, and clay deposits from migration and flooding of the Puyallup River.

A review of well and borehole logs completed on the subject property and the neighboring site to the east indicates the subsurface is primarily composed of silty sand and silt layers down to approximately 25 feet below ground surface. Depth to groundwater has been observed below the subject property and neighboring property less than 5 feet below ground surface. The groundwater gradient below the subject property is reportedly southwesterly based on water-level monitoring from the subject property (described in Section 4.0, below). Figure 2 displays the historical groundwater gradient observed for the subject property.

The nearest surface water body is Wapato Creek, located 1,730 feet east of the subject property. The Puyallup River is located 2,830 feet southwest of the subject property. An ephemeral stormwater drainage ditch is adjacent southwest and south of the subject property along Interstate 5. The drainage ditch flows easterly towards Wapato Creek.

2.4 Current Use of the Property

The subject property is developed with a former restaurant/casino building that is currently operated as the sales department for the Fife RV Center. The lot surrounding the building is used for storing RVs.

2.5 Descriptions of Improvements on the Subject Property

The subject property is developed with a 10,318-square-foot two-story commercial building that encompasses 7,747 square feet on the main floor and 2,571 square feet on the mezzanine completed in 1987 (Pierce County Assessor 2020). The building is surrounded by 154,625 square feet of asphalt, and there are two approximately 700- to 960-square-foot canopies.

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products (ASTM 2013). Parametrix reviewed the Pierce County Recorder's database for liens against the current owner. No environmental liens were identified within the recorded documents filed for the current owner of the subject property. The Washington State Department of Ecology's environmental covenant database was also reviewed. No environmental (restrictive) covenants were filed for the subject property.

A Property History Guarantee title report was supplied by Sound Transit for the subject property (attached in Appendix A). There are no records in the title summary report indicating activity or use limitations or environmental liens affecting the property. No evidence of activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: (1) a review of various lists and files published by federal and State of Washington agencies, and (2) a compilation of historic uses of the site and site vicinity to determine whether past operations pose an environmental risk to the subject property. Information for agency file review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR Radius Map Report (EDR Report) is included in Appendix B.

The EDR report is a summary of state and federal database searches for sites of possible environmental concern. The information review enabled Parametrix personnel to characterize the types of activities performed at the site, identify data gaps prior to the site examination, and facilitate recognition of discrepancies between reported and observed data. Data gaps identified during the document review were addressed by interviewing Tacoma-Pierce County Health Department personnel, by making observations during the site examination, or by additional detailed investigation of available records.

It should be noted that this information is reported as Parametrix received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from records maintained by the U.S. Environmental Protection Agency (EPA) and Ecology. The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR Radius Map Report (Appendix B). EDR reported a total of 124 properties with 207 listed conditions within a mile of the subject property. EDR also reported six unmappable (orphan) sites in the area of the subject property. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the types of listings, types of contaminants, proximity and position relative to the subject property, topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (Section 4, below).

3.1.1 Review of Washington State Department of Ecology Databases

The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases. Data gaps in the EDR report were supplemented with information from the Ecology website. A complete listing of the databases reviewed is included in the EDR report (Appendix B). Relevant database listings from Ecology include:

- Ecology Hazardous Site List (HSL)
- Ecology Confirmed and Suspected Contaminated Site List (CSCSL)

- Ecology CSCSL No Further Action (CSCSL NFA) List
- Ecology Solid Waste Facility/Landfill (SWF/LF) List
- Ecology Leaking Underground Storage Tank (LUST) List
- Ecology Underground Storage Tank (UST) List
- Ecology Aboveground Storage Tank (AST) List
- Ecology Voluntary Cleanup Program (VCP) List
- Ecology Independent Cleanup Report (ICR) List
- Ecology and Pollution Liability Insurance Agency Petroleum Technical Assistance Program (PTAP) List
- Ecology Brownfields List
- Ecology Facility/Site Information System (ALLSITES) List
- Ecology Clandestine Drug Lab Contaminated Site (CDL) List and Historical CDL (HIST CDL) List
- Ecology Firefighting Foam Incidents (AQUEOUS FOAM) List and Perfluorinated Contamination Site Location (PFAS) List
- Ecology Reported Spills (SPILLS) List
- Ecology Drycleaners List

3.1.1.1 Ecology HSL, CSCSL, and CSCSL NFA Databases

The Ecology CSCSL database contains sites in Washington State that have been confirmed or have been suspected of contaminant releases and is the state equivalent to the federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS). The HSL is a subset of the CSCSL database for sites that have been formally ranked using the Washington Ranking Method. The CSCSL NFA database is former CSCSL sites that have achieved an No Further Action (NFA) determination from Ecology.

The subject property was found on the CSCSL databases:

- The La Casa Real Drum at 3410 Pacific Highway E is listed on the CSCSL database. The subject property had a release of petroleum hydrocarbons and arsenic above Model Toxics Control Act (MTCA) Method A cleanup levels (CULs) in soil and groundwater. Based on the EDR listings indicating a REC impacting the subject property, a file review was conducted and is further discussed in Section 4.

Twenty-seven sites within one mile of the subject property were reported on the CSCSL database, five sites within one mile were reported on the HSL database, and eleven sites within 0.5 mile were reported on the CSCSL NFA database. Four CSCSL and two CSCSL NFA sites were reported within 0.125 mile from the subject property:

- Unocal Service Station 7343 at 3408 Pacific Highway E (adjacent north of the subject property) is listed on the CSCSL NFA database. The listings indicate a release of petroleum hydrocarbons was

reported in 1990 from USTs, and the site achieved an NFA status from Ecology in 1993. Based on the listing, a file review was conducted and is discussed in Section 4.

- The Hometel Inn addressed at 3520 Pacific Highway E (adjacent east of the subject property) is listed on the CSCSL database related to arsenic in groundwater above MTCA Method A CULs. Based on the listing, a file review was completed and is discussed in Section 4.
- Cummins NW Inc at 3701 Pacific Highway E (adjacent north across Pacific Highway) is listed on the CSCSL database. The listings indicate a release of petroleum hydrocarbons from a UST was reported in 2002, and the site achieved an NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- H&H Northwest Companies Vacant Property at 3309 Pacific Highway E (northwest across Pacific Highway) is listed on the CSCSL database related to arsenic in groundwater above MTCA Method A CULs. Based on the listing, a file review was conducted and is discussed in Section 4.
- Interstate 5 Southbound at Port of Tacoma Road along the western boundary of the subject property with the freeway off-ramp is listed on the CSCSL database related to petroleum hydrocarbons identified in soil affecting the bioswale. Based on the listing, a file review was conducted and is discussed in Section 4.
- Texaco Station 121109 at 3251 Pacific Highway E (460 feet northwest across Pacific Highway) is listed on the CSCSL database related to petroleum hydrocarbons released from a leaking underground storage tank. The listings indicate the release was reported in 1990 from USTs, and the site has started cleanup. Based on the location and proximity, this site is not considered a REC to the subject property.

3.1.1.2 Ecology LUST, UST, and AST Databases

The Ecology LUST Database List contains an inventory of reported leaking underground storage tank sites from commercial tanks.

The Ecology UST database contains registered, commercial USTs. Residential heating oil USTs are not included in the Ecology UST database. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). Unless otherwise noted, the presence of USTs near the site does not, in itself, constitute a REC.

The Ecology AST database is a listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program. Unless otherwise noted, the presence of ASTs near the site does not, in itself, constitute a REC.

The subject property is not listed on the UST, LUST, or AST databases.

Ten sites were reported on the LUST database within 0.5 mile of the subject property, nine sites were reported on the UST database within 0.25 mile of the subject property, and no AST sites were reported within 0.25 mile of the subject property. Five of these listings (three properties) were reported within 0.125 mile from the subject property:

- Tahoma Express 4 at 3408 Pacific Highway E (adjacent north of the subject property) is listed on the UST database. The listings indicate the site operates three USTs that were installed in the 1990s and two USTs were previously removed. Based on the listings and active operational

status of the gasoline station, this site is not considered a REC to the subject property. However, further discussion is presented in Section 4, below.

- Unocal Service Station 7343 at 3408 Pacific Highway E (adjacent north of the subject property) is listed on the LUST database. As noted above, the listings indicate a release of petroleum hydrocarbons was reported in 1990 from USTs, and the site achieved an NFA status from Ecology in 1993. Based on the NFA status, this site is not considered a REC to the subject property.
- Cummins NW Inc at 3701 Pacific Highway E (adjacent north across Pacific Highway) is listed on the LUST and UST databases. As noted above, the listings indicate a release of petroleum hydrocarbons from a UST was reported in 2002, and the site achieved a NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- Texaco Station 121109 at 3251 Pacific Highway E (460 feet northwest across Pacific Highway) is listed on the LUST database. As noted above, the listings for this site indicate a release was reported in 1990 from USTs, and the site has started cleanup. Based on the location and proximity, this site is not considered a REC to the subject property.
- The Port of Tacoma Shell Food Mart at 3521 Pacific Highway E (460 feet northwest across Pacific Highway) is listed on the UST database. The listings indicate four USTs are operating below this site and were installed in 1984 and upgraded in 1998. Based on the location and proximity and status of the USTs, this site is not considered a REC to the subject property.

The remaining listed sites on the UST and LUST databases identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.3 Ecology VCP, PTAP, and ICR Databases

The VCP database is a list of sites that have been entered into the Ecology voluntary cleanup program and are undergoing cleanup. The PTAP database is a list of petroleum release sites that have been entered into the Pollution Liability Insurance Agency PTAP program and are undergoing cleanup. The ICR database is a list of sites that have reported independent cleanup actions to Ecology without agency oversight or approval, and the sites are not under an order or decree.

The subject property was reported on the VCP database.

- The Fife RV Center at 3410 Pacific Highway E is listed on the VCP database. As noted above, the subject property is listed as La Casa Real Drum on the CSCSL database. The listings indicate a release of petroleum hydrocarbons and metals above MTCA Method A CULs in soil and groundwater. Based on the EDR listings indicating a potential REC impacting the subject property, a file review was conducted and is further discussed in Section 4.

Fifteen sites within 0.5 mile of the subject property were reported on the VCP database. Three of these sites were reported within 0.125 mile from the subject property:

- The Hometel Inn (adjacent east) is listed on the VCP database dating from 2004 through 2011. Based on the listing and proximity adjacent to the subject property, a file review was conducted and summarized in Section 4.

- Cummins NW Inc at 3701 Pacific Highway E (adjacent northeast across Pacific Highway) is listed on the VCP database. As noted above, the listings indicate a release of petroleum hydrocarbons from a UST was reported in 2002, and the site achieved an NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- Texaco Station 121109 at 3251 Pacific Highway E (460 feet northwest across Pacific Highway) is listed on the VCP database. As noted above, the listings for this site indicate a release was reported in 1990 from USTs, and the site has started cleanup. Based on the location and proximity, this site is not considered a REC to the subject property

The remaining listed sites on the VCP database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

Three sites within 0.5 mile of the subject property were reported on the PTAP database. These sites are 1,000 to 2,490 feet from the subject property with limited potential to impact the subject property.

Five sites within 0.5 mile of the subject property were reported on the ICR database. Two sites are reported within 0.0125 mile from the subject property:

- Unocal Service Station 7343 at 3408 Pacific Highway E (adjacent north of the subject property) is listed on the ICR database. As noted above, the listings indicate a release of petroleum hydrocarbons was reported in 1990 from USTs and the site achieved an NFA status from Ecology in 1993. Based on the proximity to the subject property, a file review was completed and is summarized in Section 4.
- Texaco Station 121109 at 3251 Pacific Highway E (460 feet northwest across Pacific Highway) is listed on the ICR database. As noted above, the listings for this site indicate a release was reported in 1990 from USTs, and the site has started cleanup. Based on the location and proximity, this site is not considered a REC to the subject property

The remaining listed sites on the ICR database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.4 Ecology ALLSITES Database

The Ecology ALLSITES database summarizes sites that likely handle or store hazardous waste in association with the facility/site information system and can include other types of interactions with Ecology including compliance inspections.

The subject property is listed on the ALLSITES database:

- The La Casa Real Drum at 3410 Pacific Highway E (adjacent west) is listed on the ALLSITES database. As noted above, the subject property had a release of petroleum hydrocarbons and metals above MTCA Method A CULs in soil and groundwater. Based on the EDR listings indicating a potential REC impacting the subject property, a file review was conducted and is further discussed in Section 4.

3.1.1.5 Ecology CDL and HIST CDL Database

The subject property is not listed on the Ecology Clandestine Drug Lab databases (WA HIST CDL or WA CDL). No other sites were listed on the WA CDL of WA HIST CDL database within 0.125 mile from the subject property.

3.1.1.6 Ecology SPILLS Databases

The Ecology SPILLS databases report potential small releases to the subsurface that have the potential to cause contamination.

The subject property was listed on the SPILLS database dating to a small oil release occurring to surface water (stormwater) dating to 2018. Based on the information on the quantity of the release (0.01 gallon) in the SPILLS database, this is not considered a REC to the subject property.

No other SPILLS sites were reported within 0.125 mile of the subject property.

3.1.1.7 Ecology Drycleaner Database

The drycleaner database is a listing of former or current drycleaners in Washington. No drycleaners were reported within 0.25 mile of the subject property. No inactive drycleaners were reported within 0.25 mile of the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within ASTM 1527-13 search radii from the following databases. A complete listing of the databases reviewed is included in the EDR report.

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) List
- Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Act (RCRA)
- Resource Conservation and Recovery Information System (RCRIS) List
- Emergency Response Notification System (ERNS) List
- US Brownfields List
- Manufactured Gas Plant Sites

3.1.2.1 National Priorities List (NPL)

The NPL identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. The EDR report indicates that the subject property is not listed as an NPL site. EDR reports no NPL sites

were identified within 1 mile of the subject property; however, there is one NPL potentially impacting the subject property:

- The Asarco Tacoma Smelter Plume is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than MTCA Method A CULs and is not considered a REC to the subject property.

3.1.2.2 SEMS List

The EPA publishes a list of sites that may potentially pose a threat to the environment or the health of the general public. This list is known as the SEMS list (formerly the CERCLIS list). Information contained in the EDR report indicates the subject property is not listed as a SEMS site. One SEMS site was identified within one mile of the subject property:

- The Dauphin site at 2911 Pacific Highway E (1,455 feet east of the subject) is listed on the SEMS database. The listing indicates this site is part of the Commencement Bay Nearshore Tideflats NPL site dating to 1979. However, additional Ecology records indicate this property is currently within the VCP program undergoing remedial investigations. Based on the proximity and status, this site is not considered a REC to the subject property.

The EPA also publishes the SEMS-ARCHIVE list, which are SEMS sites that have been designated “no further interest” under the Federal Superfund Program. One SEMS-ARCHIVE site was reported within 0.5 mile of the subject property:

- Brekke Enterprises at 1320 Tidehaven Road (900 feet northwest of the subject property) is listed on the SEMS-ARCHIVE database. The listing indicates the site was determined to not be part of the Commencement Bay Nearshore Tideflats NPL site dating to 1985. Ecology records indicate Corrosive Wastes were suspected in soil and groundwater, and Ecology granted an NFA status to this site in 1989. Based on the NFA status and proximity, this site is not considered a REC to the subject property.

3.1.2.3 CORRACTS Review

The CORRACTS report identifies hazardous waste handlers with corrective action activity. Information contained in the EDR report indicates the subject property is not listed as a CORRACTS site.

No CORRACTS sites are listed within one mile of the subject property.

3.1.2.4 RCRIS List

The RCRIS list includes selective information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Information contained in the EDR report indicates the subject property is listed as a RCRIS site:

- La Casa Real Drum is listed on the RCRA Non-Generator/No Longer Regulated (NonGen/NLR) database. The listing appears to be related to the release documented on the property. As noted above, listings for the subject property are discussed further in Section 4.

Three RCRA generator sites are listed within 0.25 mile of the subject property:

- Goodyear Commercial Tire and Service Centers at 3101 Pacific Highway E (955 northeast of the subject property) is listed on the RCRA large quantity generator database. The listings indicate this facility generates quantities of hazardous waste related to automobile repairs. However, based on the proximity, this site is not considered a REC to the subject property.
- Union Pacific Railroad Fife at 3330 20th Street E (approximately 1,060 feet south of the subject property) is listed on the RCRA very small quantity generator database. The listings indicate this site generates a small quantity of hazardous waste related to railroad maintenance. No violations were reported for the site. Based on the proximity, this site is not considered a REC to the subject property.
- Wescraft RV & Truck Fife at 3402 12th Street E (approximately 1,240 feet north of the subject property) is listed on the RCRA-VSQG (very small quantity generator) database. The listings indicate this site generates a small quantity of hazardous waste related to RV repairs. Some violations were reported for this site during compliance evaluations. Based on the proximity, this site is not considered a REC to the subject property.

Seventeen RCRA NonGen sites are listed within 0.25 mile of the subject property. Four were reported within 500 feet of the subject property:

- The Tacoma Port Motor Inn at 3518 Pacific Highway E (adjacent northeast of the subject property) is listed on the RCRA NonGen/NLR database. This listing is related to hazardous waste generated in the 1990s, and the site is not an active generator. Based on the listings, this site is not considered a REC to the subject property.
- Cummins NW Inc at 3701 Pacific Highway E (300 feet northeast of the subject property) is listed on the RCRA NonGen/NLR database. As noted above, this property previously had a release, and the site achieved an NFA status from Ecology in 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- Glacier Motel Drug Bust at 3401 Pacific Highway E (250 feet northwest of the subject property) is listed on the RCRA NonGen/NLR database. The listing appears related to a historical drug bust of a CDL site in 1989. Based on the position and proximity, this site is not considered a REC to the subject property.
- Texaco Station 121109 at 3251 Pacific Highway E (460 feet northwest across Pacific Highway) is listed on the RCRA NonGen/NLR database. As noted above, the listings for this site indicate a release was reported in 1990 from USTs, and the site has started cleanup. Based on the location and proximity, this site is not considered a REC to the subject property

The EPA also regulates the management of hazardous waste at Transportation, Storage, and Disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a RCRA-TSD site. No RCRIS-TSD sites were identified within a half-mile of the subject property.

The remaining listed sites on the RCRIS list identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.2.5 ERNS List

The ERNS is a national database containing information from spill reports made to Federal authorities. Information contained in the EDR report indicates the subject property is not listed as an ERNS site.

3.1.2.6 US Brownfields List

The EPA's US Brownfields list identifies brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. No US Brownfields sites were identified within 0.5 mile of the subject property.

3.1.3 EDR Databases

3.1.3.1 Manufactured Gas List

Former manufactured gas plant (coal gas) sites are identified on the Manufactured Gas database. Information contained in the EDR report indicates the subject property is not listed as a manufactured gas plant site. No manufactured gas plant sites are listed within one mile of the subject property.

3.1.3.2 Historical Auto Stations

Historical auto stations are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates the subject property is listed as a historical auto station:

- Gasamat Inc at 3402 Pacific Highway E is listed on the EDR Hist Auto database dating from 1977 and 1978. Further discussion regarding the historical gas station on the subject property is presented in Section 4.

Two historical auto stations are listed within 0.125 mile of the subject property:

- Sacs Mart Inc at 3408 Pacific Highway E (adjacent north of the subject property) is listed on the EDR Hist Auto database. The listing indicates the adjacent property was a gas station dating from 1996 through 2010. Further discussion regarding the neighboring gasoline station is presented in Section 4 below.
- Lowell Fiedler at 3251 Pacific Highway E (the Texaco Station 121109 located 460 feet northwest across Pacific Highway E) is listed on the EDR Hist Auto database dating from 1969 through 2012. Based on the proximity, this site is not considered a REC to the subject property.

3.1.3.3 Historical Cleaners

Historical cleaners are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates that there are no historical cleaner sites within 0.125 mile of the subject property.

3.1.4 Orphan Site List

Orphan sites are sites for which mapping information is not detailed adequately to plot the location of the site. There are six orphan sites listed in the EDR database. The orphan site list and available mapping

information were reviewed by Parametrix. None of the orphan sites were found within 01.25 mile from the subject property, and none represent RECs to the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The subject property and adjacent sites were reviewed in an effort to determine whether vapor migration has, or has the potential to have, occurred at the site from adjacent properties. Based on the information reviewed, the subject property is identified as a potential vapor intrusion site. Further details are presented in Section 4.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area that helps to identify the likelihood of past uses having led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include Sanborn Fire Insurance Maps, aerial photographs, topographic maps, city directories, and local agency records.

3.2.1 Sanborn Map Fire Insurance Map Review

A copy of the Certified Sanborn Map Report for the TDLE project area is included in Appendix C (EDR 2019). Maps were not available for the Fife RV Center (West Property) site.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs (aerials) of the subject property area were obtained from EDR. Additional aerials were reviewed available from the Pierce County GIS mapping program (2020) and the City of Tacoma GIS mapping program (2020). Aerial photographs for the years 1931, 1940, 1945, 1950, 1957, 1968, 1970, 1972-73, 1980, 1985, 1990, 1995, 2002, 2005, 2009, 2013, 2015, and 2018 were examined. Copies of the aerial photographs from EDR are included in Appendix D. Observations are listed below.

1931	The subject property appears developed as farmland associated with a residential structure located southeast along 20th Street East (1,200 feet southeast of the subject property). Neighboring properties to the east are similarly developed as farmland. Neighboring properties north of Pacific Highway E appear developed with residences and small agricultural lots. The roadway of 34th Ave NE is adjacent west as a dirt road.
1940–1957	The subject property is developed with a residence on the northeast portion and two residential/agricultural buildings on the northwest portion. The remainder of the subject property appears developed as farmland.

1968	The subject property appears undergoing redevelopment on the western portion (into a gasoline station). The eastern portion appears remaining residential. The neighboring property east is developed with a hotel. Interstate 5 is developed adjacent southwest.
1972–1985	The western portion of the subject is developed with a gasoline station. The northeast portion remains a residence. The southeast portion appears undeveloped.
1990–1998	The subject property appears redeveloped with a restaurant/casino building on the southeast portion. The gas station is no longer present on the northwest portion of the site, and a new gas station and restaurant appears on the adjacent property north. The northeast side of the subject property remains developed with a residence.
2001–present	The subject property appears developed in its current configuration. The northeast portion is redeveloped with an asphalt parking lot, and the northwest portion is a vacant gravel lot. The restaurant building remains on the southeast portion of the site.

3.2.3 Historical Topographic Maps

Historical topographic maps (topos) of the subject property area were reviewed from the U.S. Geological Survey. The subject property is located on the Tacoma south 7.5-minute Quadrangle. Topos were available for years 1941, 1961, 1997, 2011, 2014, 2017, and 2020. Observations are listed below.

1941	The subject property appears as rural land with some nearby buildings.
1961	The subject property appears developed with three buildings. Interstate 5 is adjacent south of the subject property.
1997–2020	The subject property appears developed in its current configuration with the main building on the southeast portion of the site.

3.2.4 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following sections.

3.2.4.1 City of Fife Records

City of Fife (City) records indicate the subject property was incorporated into the City in 1957. Parametrix reviewed online permit records available from the City (City of Fife 2020). Copies of available records are included in Appendix F. Below is a summary of the available online permits with potential environmental significance or historical use:

- 2014–2015 Conversion of the property to use by Fife RV
- 2020 Remedial excavation permit for 350 cubic yards of petroleum contaminated soil (PCS)

3.2.4.2 Tacoma Public Library

The Tacoma Public Library Northwest Room has online databases for historical photographs and a historical building index (Tacoma Public Library 2020). Copies of the records are attached in Appendix F. These databases include:

- Historical images archive photograph of the subject property from approximately 1963 showing Interstate 5 complete and the subject property developed with three residences/agricultural buildings and farmland.
- The historical building index indicates the subject property was developed in 1987 as the La Casa Real Mexican Restaurant, operated as VIP's Restaurant in 1999, and operated as Freddie's Club (casino) from 2000 through 2012

3.2.5 Additional Historical Information

As discussed in Section 4 below, a prior Phase I ESA was completed on the adjacent property east, which included city directory information for the subject property:

- 1975 – The subject property includes a residence at 3508 Pacific Highway E and a Gasamat Inc service station at 3402 Pacific Highway E. Nearby properties include the Holiday Inn Motel (adjacent east) and Justus Custom Cedar Homes (further east).
- 1980 – The subject property includes a vacant residence at 3508 Pacific Highway E and a Gasamat Inc service station at 3402 Pacific Highway E. No changes to the two listed neighboring properties.
- 1990 – The subject property includes the Serra Tile Co. Inc at 3508 Pacific Highway E, and the La Casa Real Restaurant at 3410 Pacific Highway E. Adjacent north include SAC's Deli and Grocery Gas Station at 3408 Pacific Highway E and Jack in the Box at 3402 Pacific Highway E. Properties east and northeast include the Port of Tacoma Motor Inn at 3518 Pacific Highway E and the Trans-Pacific Trade Center office building at 3700 Pacific Highway E.
- 1994 – The subject property includes Serra Tile Co. Inc at 3508 Pacific Highway E and La Casa Real Restaurant at 3410 Pacific Highway E. The neighboring properties north include SAC's Deli and Grocery Gas Station at 3408 Pacific Highway E and Jack in the Box at 3402 Pacific Highway E. The neighboring property east is occupied by Hometel Inn Motel and Jewel of India Restaurant. The neighboring property northeast is occupied by the Econo Lodge motel at 3518 Pacific Highway E. Further east is the Trans-Pacific Trade Center office building at 3700 Pacific Highway E.

3.2.6 Summary of Historical Information

Based on the historical review, the subject property was primarily used as farmland until development of residential structures in the late 1930s. The site was developed with a Gasamat gasoline station in 1960s through the 1980s. The gasoline station was demolished and moved north onto the adjoining property, and the subject property was developed with a restaurant building on the southeast portion. A historical residence remained on the northeast portion of the subject property until it was demolished around 2000 and turned into parking. The subject property has remained in this configuration through the present and has been used as an RV Sales Lot since approximately 2014.

The surrounding area was predominantly farmland through the 1950s. In the 1960s, Interstate 5 was developed adjacent south of the subject property. Following completion of the interstate, neighboring properties began redeveloping into commercial properties, including shipping warehouses, office buildings, restaurants, gasoline stations, and motels. The neighboring property east was developed into a motel in the 1960s. The neighboring properties north were developed into the Jack in the Box restaurant and gasoline station in the 1980s.

3.3 Additional Environmental Information

The following sections provide a summary of additional environmental information obtained for the site.

3.3.1 Asbestos

The manufacture of most asbestos-containing materials was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the building (constructed in 1987), there is limited potential for asbestos-containing materials to have been used in the construction of the building.

3.3.2 Lead-Based Paint

Before 1977, paint commonly contained lead, which is considered to cause human health problems if ingested. Based on the age of the building (constructed in 1987), there is limited potential for LBP to have been used in the construction of the building.

3.3.3 Polychlorinated Biphenyls (PCBs)

Transformers can potentially contain polychlorinated biphenyls (PCBs). Based on the age of the building, there is likely not potential for PCBs to have been used in the construction of the building (PCBs are primarily used in lighting and electrical equipment). However, Parametrix did not inspect the building interior for this assessment.

3.3.4 Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

The subject property is located in the Federal EPA Radon Zone 3. The Zone 3 indoor average radon level, predicted to be less than 2 pCi/L (picocuries per liter), is reported as a low risk of radon elevation. The EPA Action Level for radon is 4 pCi/L. Based on this limited information, radon likely does not represent an environmental concern at the property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties and to fill in data gaps where applicable. Previous investigations and file reviews are summarized below. Copies of Ecology records are attached in Appendix F.

4.1 Subject Property

Ecology files for the subject property at 3410 Pacific Highway E were reviewed, which included:

- A 1988 Phase II ESA of the neighboring Jack in the Box Property (Rittenhouse, Zeman & Associates, Inc. 1988)
- A 2004 Phase II ESA of the La Casa Real Drum/Fife RV site and adjacent property (Robinson, Noble & Saltbush, Inc. 2004)
- 2016 Remedial Excavation Report for the Fife RV Center (Aerotech Environmental 2016)
- 2017 Ecology VCP Acceptance and Further Action Letter for the Fife RV Center (Ecology 2017)
- 2018 Downgradient Groundwater Monitoring Well Installation Report for the Fife RV Center (Aerotech Environmental Consulting. 2018)
- 2018 Remedial Investigation Report for the Fife RV Center (Aerotech Environmental 2018)
- 2016–2019 Quarterly Groundwater Monitoring Reports for Fife RV (Aerotech Environmental Consulting)
- 2019 Ecology Further Action Letter for the Fife RV Center (Ecology 2019)

The information in the available files indicate the subject property was developed with a Gasamat gasoline station in 1964 on the northwest portion of the property. The gasoline station operated until 1987 when it was demolished and replaced with a new station (Unocal Service Station 7343) on the adjacent parcel north. Four 8,000-gallon USTs were removed from the Gasamat station property, and two 12,000-gallon UST's were installed for the new station on the adjacent property.

In 1988, a Phase II ESA of the Jack in the Box restaurant property identified petroleum contamination in several boreholes adjacent to the subject property (Rittenhouse, Zeman & Associates, Inc. 1988). PCS was similarly discovered in 1990 at the Unocal Station, and remediation of the PCS and impacted groundwater was completed over a two-year period at the Unocal site. The two UST's for the Unocal Station were replaced with new tanks. Clean soil closure samples were collected, and the Unocal site achieved an NFA determination from Ecology in 1993. This report appears to be the primary evidence of the Unocal site not being the source of contamination on the subject property.

In 2004, Robinson Noble & Saltbush Inc. completed five boreholes on the subject property (and four on the adjacent property east) as part of a due diligence investigation. Gasoline and benzene were found above MTCA Method A CULs in soil from one location, B1, located on the west side of the subject property. Additionally, gasoline, benzene, and ethylbenzene were found above MTCA Method A CULs in groundwater in the same borehole. Heavy oil was found in soil at concentrations below MTCA Method A

CULs in two other boreholes. Arsenic, lead, and chromium were found in groundwater from several boreholes above MTCA Method A CULs.

In 2013, Associated Earth Sciences, Inc. (AESI) conducted a Phase I and Phase II ESA of the subject property. Ten boreholes were placed across the site to evaluate soil and groundwater conditions. Gasoline, benzene, toluene, ethylbenzene, and xylene were identified above MTCA Method A CULs in soil and groundwater. In 2016, Aerotech Environmental Consulting supervised the excavation and removal of approximately 1,685 tons of PCS from the northwest side of the subject property in a series of five excavations (Figure 2). Petroleum hydrocarbons remained above MTCA Method A CULs on the sidewalls of the excavation and below site utilities that were not excavated. Oxygen Release Compound (ORC)-Advanced was mixed into the backfill for treatment of remaining contaminants.

In 2016, six monitoring wells were installed under the supervision of Aerotech. The monitoring well network showed a southwesterly gradient towards the Interstate 5/Port of Tacoma off-ramp. Initial results following the excavation showed four wells remaining above MTCA Method A CULs for primarily gasoline and benzene. In 2017, three additional monitoring wells were installed under Aerotech's supervision to the south and east of the plume. These new wells were found below MTCA Method A CULs. Ecology issued a further action letter in 2017 after the site applied to the Voluntary Cleanup Program. The further action letter indicated that further characterization of the site was needed to determine potential risks from the site and noted potential off-site contamination and vapor migration pathways. In 2018, following the further action letter, three additional wells were installed to the west and northwest of the plume with two of the wells found above MTCA Method A CULs indicating impact to the neighboring Jack in the Box property.

In 2018, Aerotech completed the Remedial Investigation of the subject property and concluded further actions would be required to delineate the extent of petroleum contamination. In 2019, Ecology issued a further action letter agreeing with the results of the 2018 Remedial Investigation that further characterization was needed.

The information presented in Ecology files indicates unresolved contamination is a REC for the subject property affecting soil, groundwater, and vapor and potential impact to neighboring properties.

4.2 Adjacent Properties File Review

Several nearby properties were listed on environmental databases, as described in Section 3. In general, sufficient site-specific information was available through review of the EDR report as well as online Ecology files to develop an opinion on the potential for these properties to have affected the subject property. However, further information was obtained for several properties immediately adjacent to the subject property including:

- Phase I ESA, Phase II ESA's, groundwater monitoring, and Ecology correspondence for the Hometel Inn property (adjacent east) (NVL Laboratories 2002)
- Remediation reports and Ecology correspondence for the Interstate 5 Southbound/Port of Tacoma Road site (along the western border of the subject property)
- Phase II ESA and Ecology correspondence for the H&H Northwest Companies vacant property (northwest across Pacific Highway E)

- Ecology correspondence and listing of the Jack in the Box property related to the release from the subject property (adjacent north)

As noted above, based on the results of the Remedial Investigation of the subject property, the neighboring Jack in the Box was issued an early notice letter in 2019 summarizing the results of Ecology's Initial Investigation (II) that contamination extends north from the subject property impacting soil and groundwater below that property (Figure 2). It is unknown whether vapor intrusion studies of the Jack in the Box property have been completed. This northern portion of the plume appears related to the historical pump islands of the former gasoline station that occupied the subject property.

Additionally, in 2018 during construction of the new Port of Tacoma off-ramp, petroleum contaminated soils were discovered along the drainage ditch on the western border of the subject property (Figure 2). The contamination is likely from the subject property former Gasamat gasoline station and corresponds with the extent of the known plume. Clean confirmation samples were achieved following the excavation; however, no groundwater monitoring was completed.

As discussed above, in 2004, the Phase II ESA of the subject property and adjacent Hometel Inn property identified arsenic, chromium, and lead above MTCA Method A CULs in groundwater (Robinson, Noble & Saltbush, Inc. 2004). The neighboring Hometel Inn property (east) and the neighboring H&H Northwest Companies property (northwest across Pacific Highway E) are solely listed on the CSCSL database related to these metals in groundwater.

Following the 2004 Phase II ESA, additional Phase II ESA and groundwater monitoring was completed at the Hometel Inn property, which confirmed concentrations of total arsenic, chromium, and lead above MTCA Method A CULs. Dissolved arsenic was reported below MTCA Method A CULs in samples from the monitoring wells. The report referenced area-wide contamination as the source of the contamination from the Asarco smelter, historical farming activities, or natural background concentrations.

Similarly, a 2017 Phase II ESA was completed on the H&H properties site (northwest across Pacific Highway) where arsenic was found above MTCA Method A CULs. The report cites the source of the contamination as a region-wide condition rather than a site-specific source (Environmental Associates, Inc. 2017).

Based on the information within available Ecology files, releases from the subject property are known to have impacted at least two adjoining properties. Additionally, the subject property appears located within area-wide contamination related to elevated concentrations of metals in groundwater above MTCA Method A CULs. These represent RECs for the subject property.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 20, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site walk are included in Appendix E.

5.1 Subject Property

The subject property is developed with a former restaurant building being used as an RV sales office. The building is situated on the southeast central portion of the subject property and is surrounded by an asphalt parking lot that is used for storing new RVs. The western portion of the subject property is a gravel lot. Several above-ground monitoring wells were observed on the southwest portion of the subject property bordering the boundary with the neighboring Interstate 5 off-ramp (Washington State Department of Transportation [WSDOT]) property.

As discussed in Section 4, the monitoring wells on the northwest portion of the subject property are related to a historical release impacting the subject property. The monitoring wells are evidence of current RECs affecting soil and groundwater below the site. Vapor intrusion risk to the building on the subject property is not of concern, as the building is not within close proximity or downgradient of the contamination plume (Figure 2).

5.2 Adjacent Properties

Neighboring properties are developed with a Jack in the Box restaurant (northwest), a Tahoma Express gasoline station (north), a Travelodge motel (northeast), the Fife RV Center parts and repair department (east), and the Interstate 5/Port of Tacoma Road off-ramp to the south and southwest. A newly constructed off-ramp and drainage ditch are present along the southwest border of the subject property and adjacent west aligning with 34th Avenue E.

A gasoline station with active underground storage tanks in compliance with Washington Administrative Code 173-360A in and of itself is not considered a REC without confirmation of a release or observations indicative of a material threat of a release. Therefore, no RECs were specifically observed on neighboring properties with potential to impact the subject property.

As discussed in Section 4, vapor intrusion risk from the subject property is suspected to potentially impact the neighboring Jack in the Box restaurant. This is a REC for the subject property.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13 (2013).

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix completed an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health – Contaminated Properties division, on February 4, 2021. (TPCHD 2021) Mr. Olsen indicated the TPCHD's files were closed for the subject property in 2017 and they have no record of subsequent actions completed at the subject property. The TPCHD file closure appears to coincide with the completion of the remedial excavation of the subject property in 2016 and entrance into the Ecology VCP in 2017.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located at 3410 Pacific Highway E in Fife, Washington, on Pierce County Parcel Identification number 0320111067. The property is known as Sound Transit TD site number TD 4047. The subject property is currently owned by Fife Real Properties, LLC, and is operated as the Fife RV Center. The subject property is located at 3410 Pacific Highway E in Fife, Washington, on Pierce County Parcel Identification number 0320111067 (Figure 1). The subject property is currently owned by Fife Real Properties, LLC, and operated as the Fife RV Center. The subject property is primarily used as an RV sales lot and offices. Monitoring wells were observed on the northwestern portion of the subject property.

The subject property was primarily used as farmland until development of residential structures in the late 1930s. The site was developed with a Gasamat gasoline station in the 1960s through the 1980s. The gasoline station was demolished and moved north onto the adjoining property, and the subject property was developed with a restaurant building on the southeast portion (current RV sales office). A historical residence remained on the northeast portion of the subject property until it was demolished in or around 2000 and turned into parking. The subject property has remained in this configuration through the present and has been used as an RV sales lot since approximately 2014.

This assessment has revealed no evidence of RECs in connection with the subject property except for the following:

Recognized Environmental Conditions

The subject property is listed on the Ecology CSCSL database, Ecology VCP database, ALLSITES database, Ecology SPILLS database, RCRA NonGen/NLR database, and EDR Hist Auto database. The listings are related to a historical release of petroleum hydrocarbons from the former Gasamat gasoline station that operated from the 1960s through the 1980s. Remedial actions have been performed to address some of the contamination, but further characterization of the extent of the contamination plumes, including on adjoining properties (WSDOT and Jack in the Box), is necessary to develop appropriate cleanup action plans. The ongoing contamination is a REC for the subject property related to the soil and groundwater plumes. The soil and groundwater contamination migrated primarily southwesterly away from the source area (Figure 2). It does not appear that a vapor intrusion risk exists to on-site buildings. However, Ecology records indicate potential vapor intrusion risk to the neighboring Jack in the Box restaurant, which is adjacent north of the plume.

A review of regulatory information indicated that several nearby sites were identified in the regulatory record databases, including the adjacent property to the east (Hometel Inn/Fife RV Center parts and repair department) and neighboring property northwest (H&H Northwest Companies vacant lot), which have metals impacts to groundwater that have been attributed to area-wide contamination. The metals in groundwater represent a REC to the subject property. The Tahoma Express/Unocal Station adjacent north previously had a release that was addressed in the 1990s and achieved an NFA status from the Washington State Department of Ecology (Ecology). The WSDOT Interstate 5/Port of Tacoma off-ramp property adjacent southwest of the subject property underwent remedial soil excavation in 2019. This remediation appears related to the release from the subject property. However, no groundwater

characterization was performed. No other listed sites are suspected to have impacted the subject property.

Data Gaps

An on-site reconnaissance and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with American Society for Testing and Materials (ASTM) Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

8. REFERENCES

Aerotech Environmental Consulting, Inc. 2018. Remedial Investigation Report for the Fife RV Center, 3410 Pacific Highway E, Fife, Washington.

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Pierce County GIS Program. 2020. Available at: https://matterhornwab.co.pierce.wa.us/publicgis/. Accessed December 2020.

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Robinson, Noble & Saltbush, Inc. 2004. Phase I and Limited Phase II Environmental Site Assessment of the Fife Parcels, Fife, Washington.

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Tacoma Public Library. 2020. The Northwest Room Images Archives and Historical Building Index. Available at: https://cdm17061.contentdm.oclc.org/digital/. Accessed November 2020.

Troost. In press. The Geologic map of the Tacoma south 7.5-minute Quadrangle.

USDA (U.S. Department of Agriculture). 1955. Soil Survey of Pierce County, Washington, 1939 Series.

USGS (U.S. Geological Survey). 2020. Topographic map of the Tacoma south 7.5-minute Quadrangle, Washington.

Appendix A

User Supplied Documents

Commitment for Title Insurance

Title Officer:
Email:
Title No.: 210609-SC

Property Address:

Introducing LiveLOOK

LiveLOOK title document delivery system is designed to provide 24/7 real-time access to all information related to a title insurance transaction.

Access title reports, exception documents, an easy-to-use summary page, and more, at your fingertips and your convenience.

To view your new Chicago Title LiveLOOK report, Click Here

Effortless, Efficient, Compliant, and Accessible

PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210609-SC [ROW TD4047]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: March 22, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: March 22, 1971 at 08:00 AM
Ending date: March 22, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

(continued)

1. Real Estate Contract:

Grantor: Puget Sound Power and Light Company
Grantee: William G. Rowling and Susan Rowling, husband and wife
Recorded: June 24, 1976
Recording No.: 2762963
Affects: portion of said premises

2. Statutory Warranty Deed:

Grantor: Pat Griffin Co.
Grantee: Gasamat Inc.
Recorded: November 2, 1977
Recording No.: 2776146
Affects: portion of said premises

Replacement Statutory Warranty Deed:

Grantor: Pat Griffin Co.
Grantee: Gasamat Inc.
Recorded: February 1, 1978
Recording No.: 279667
Affects: portion of said premises

3. Executor's Deed:

Grantor: Pacific National Bank of Washington, as the personal representative of the Estate of Alice M. Speechley, deceased
Grantee: Josephine Westlund, Joe H. Speechley and Ruth E. West
Recorded: April 18, 1979
Recording No.: 2904051
Affects: portion of said premises

4. Statutory Warranty Deed:

Grantor: Pat Griffin Co.
Grantee: Gasamat Inc.
Recorded: August 15, 1979
Recording No.: 2934475
Affects: portion of said premises

Said instrument states: "This deed is given to replace a previous Deed and is in substituion thereof and is effective as to May 1, 1977."

5. Statutory Warranty Deed:

Grantor: William G. Rowling and Susan Rowling, husband and wife
Grantee: Robert D. Jones and Donna P. Jones, husband and wife
Recorded: October 5, 1979
Recording No.: 2947835
Affects: portion of said premises

6. Quit Claim Deed:

Grantor: Puget Sound Power and Light Company
Grantee: William G. Rowling and Susan Rowling, husband and wife
Recorded: October 24, 1979
Recording No.: 2952649
Affects: portion of said premises

7. Statutory Warranty Deed:

Grantor: Josephine Westlund, Joe H. Speechley and Ruth E. West, each an undivided 1/3 interest as their separate property
Grantee: Robert D. Jones and Donna Pearl Jones, husband and wife
Recorded: May 12, 1980
Recording No.: 2992267
Affects: portion of said premises

8. Statutory Warranty Deed:

Grantor: Pat Griffin Co
Grantee: VIP's Restaurants, Inc.
Recorded: January 10, 1983
Recording No.: 8301100176
Affects: portion of said premises

9. Warranty Deed:

Grantor: National Realty Corp., a Delaware corporation, successor in interest to Iowa Machinery and Supply Company
Grantee: Highland Properties, a Partnership
Recorded: May 6, 1983
Recording No.: 8305060253
Affects: portion of said premises

10. Warranty Deed:

Grantor: Highland Properties, a Partnership
Grantee: Teddy N. Moore, as Trustee under the Marital Truist Agreement of Teddy N. Moore dated September 6, 1979, or successor interest or Trustee of said Trust Agreement, to an undivided one-half interest as tenants in common, and to Teddy N. Moore, as Trustee under the Family Trust Agreement of Teddy N. Moore dated September 6, 1979, or successor Trustee or Trustees of said Trust agreement as to the remaining undivided one-half interest as tenants in common
Recorded: May 6, 1983
Recording No.: 8305060254
Affects: portion of said premises

11. Warranty Deed:

Grantor: Teddy N. Moore, as Trustee under the Marital Truist Agreement of Teddy N. Moore dated September 6, 1979, or successor interest or Trustee of said Trust Agreement, to an undivided one-half interest as tenants in common, and to Teddy N. Moore, as Trustee under the Family Trust Agreement of Teddy N. Moore dated September 6, 1979, or successor Trustee or Trustees of said Trust agreement as to the remaining undivided one-half interest as tenants in common
Grantee: VIP's Restaurants, Inc.
Recorded: September 6, 1983
Recording No.: 8309060169
Affects: portion of said premises

12. Statutory Warranty Deed:

Grantor: Gasamat Oil Corp. of Colorado
Grantee: VIP's Restaurants, Inc.
Recorded: November 27, 1985
Recording No.: 8511270197
Affects: portion of said premises

13. Lease:

Grantor: VIP's Restaurants, Inc.
Grantee: Union Oil Company of California, dba Unocal
Recorded: March 19, 1987
Recording No.: 8703190234
Affects: portion of said premises

First Amendment to Service Statoin Site and Facilities Lease:

Recorded: May 31, 1988
Recording No.: 8805310299

14. Warranty Deed:

Grantor: VIP's Restaurants, Inc.
Grantee: Inter-Pacific Development Company
Recorded: May 11, 1987
Recording No.: 8705110215
Affects: portion of said premises

Correction Deed:

Grantor: VIP's Industries, Inc. (formerly known as VIP's Restaurants, Inc.)
Grantee: Inter-Pacific Development Company
Recorded: January 19, 1988
Recording No.: 8801190300
Affects: portion of said premises

15. Memorandum of Lease:

Grantor: Inter-Pacific Development Company
Grantee: VIP's Restaurants, Inc.
Recorded: May 11, 987
Recording No.: 8705110218
Affects: portion of said premises

16. Statutory Warranty Deed:

Grantor: Teddy N. Moore, as Trustee under the Marital Truist Agreement of Teddy N. Moore dated September 6, 1979, or successor interest or Trustee of said Trust Agreement, to an undivided one-half interest , and to Teddy N. Moore, as Trustee under the Family Trust Agreement of Teddy N. Moore dated September 6, 1979, or successor Trustee or Trustees of said Trust agreement as to the remaining undivided one-half interest as tenants in common
Grantee: Inter-Pacific Development Co.
Recorded: June 18, 1987
Recording No.: 8706180325
Affects: portion of said premises

17. Statutory Warranty Deed:

Grantor: VIP's Industries, Inc. (formerly known as VIP's Restaurants, Inc.)
Grantee: Inter-Pacific Development Company
Recorded: January 29, 1988
Recording No.: 8801290361
Affects: portion of said premises

18. Memorandum of Lease:

Grantor: Inter-Pacific Development Company
Grantee: Foodmaker Inc.
Recorded: May 10, 1988
Recording No.: 8805100442
Affects: portion of said premises

19. Memorandum of Lease:

Grantor: Inter-Pacific Development Company
Grantee: Brisco Inc.
Recorded: February 8, 1989
Recording No.: 8902080122
Affects: portion of said premises

20. Deed:

Grantor: Inter-Pacific Development Company
Grantee: The Salem Group Joint Venture
Recorded: December 29, 1989 and January 24, 1990
Recording No.: 8912290709 and re-recorded as 9001240191
Affects: portion of said premises

21. Quit Claim Deed:

Grantor: Teri Susan Andler, to establish separate estates from W. Keith Andler, her husband
Grantee: W. Keith Andler
Recorded: March 13, 1995
Recording No.: 9503130426
Affects: portion of said premises

22. Deed:

Grantor:	The Salem Group
Grantee:	W. Keith Andler, a married man as a separate estate
Recorded:	March 13, 1995
Recording No.:	9503130427
Affects:	portion of said premises

23. Bargain and Sale Deed:

Grantor:	W. Keith Andler, a married man as a separate estate
Grantee:	W. Keith Andler Revocable Living Trust
Recorded:	May 7, 1996
Recording No.:	9605070707
Affects:	portion of said premises

24. Statutory Warranty Deed:

Grantor:	Robert D. Jones and Donna P. Jones, husband and wife
Grantee:	C.F.S., L.L.C., a Washington limited liability company
Recorded:	June 8, 2000
Recording No.:	200006080471
Affects:	portion of said premises

25. Statutory Warranty Deed:

Grantor:	W. Keith Andler, Trustee of the Warren Keith Andler Revocable Living Trust
Grantee:	C.F.S., L.L.C., a Washington limited liability company
Recorded:	June 8, 2000
Recording No.:	200006080472
Affects:	portion of said premises

26. Statutory Warranty Deed in Lieu of Foreclosure:

Grantor:	C.F.S., L.L.C., a Washington limited liability company
Grantee:	Hana Hou Wailea, LLC
Recorded:	May 4, 2005
Recording No.:	200503040640
Affects:	portion of said premises

27. Memorandum of Lease:

Grantor:	Hana Hou Wailea, LLC
Grantee:	Lakeside Casino, L.L.C.
Recorded:	March 4, 2005
Recording No.:	200503040667
Affects:	portion of said premises

28. Quit Claim Deed:

Grantor:	City of Fife
Grantee:	Hana Hou Wailea, LLC
Recorded:	September 23, 2008
Recording No.:	200809230395
Affects:	portion of said premises

(continued)

29. Statutory Warranty Deed:

Grantor:	Hana Hou Wailea, LLC
Grantee:	Fife Real Properties, LLC
Recorded:	June 10, 2019
Recording No.:	201906100519
Affects:	portion of said premises

EXHIBIT "A"

Legal Description

Lot 2, Boundary Line Adjustment 200103235010, according to the survey thereof recorded March 23, 2001, records of Pierce County Auditor;

Together with that certain parcel conveyed by the City of Fife by Quit Claim Deed recorded September 23, 2008 under recording number 200809230395, described as follows:

The West 150.02 feet of the following described property:

That portion of the Southeast quarter of Section 2, Township 20 North, Range 3 East, W.M., described as follows:

The South 20 feet of a strip of land 120 feet wide being 70 feet on the South side and 50 feet on the North side of the center line of State Road also known as State Road #1 (Pacific Highway E) as surveyed over and across the West half of the Southeast quarter of the Southeast quarter of said section as conveyed to the State of Washington by deed recorded under recording no. 689862;

EXCEPT that portion vacated by City of Fife Ordinance No. 910 and recorded under recording number 8705260307, records of Pierce County Auditor.

Situate in the County of Pierce, State of Washington.

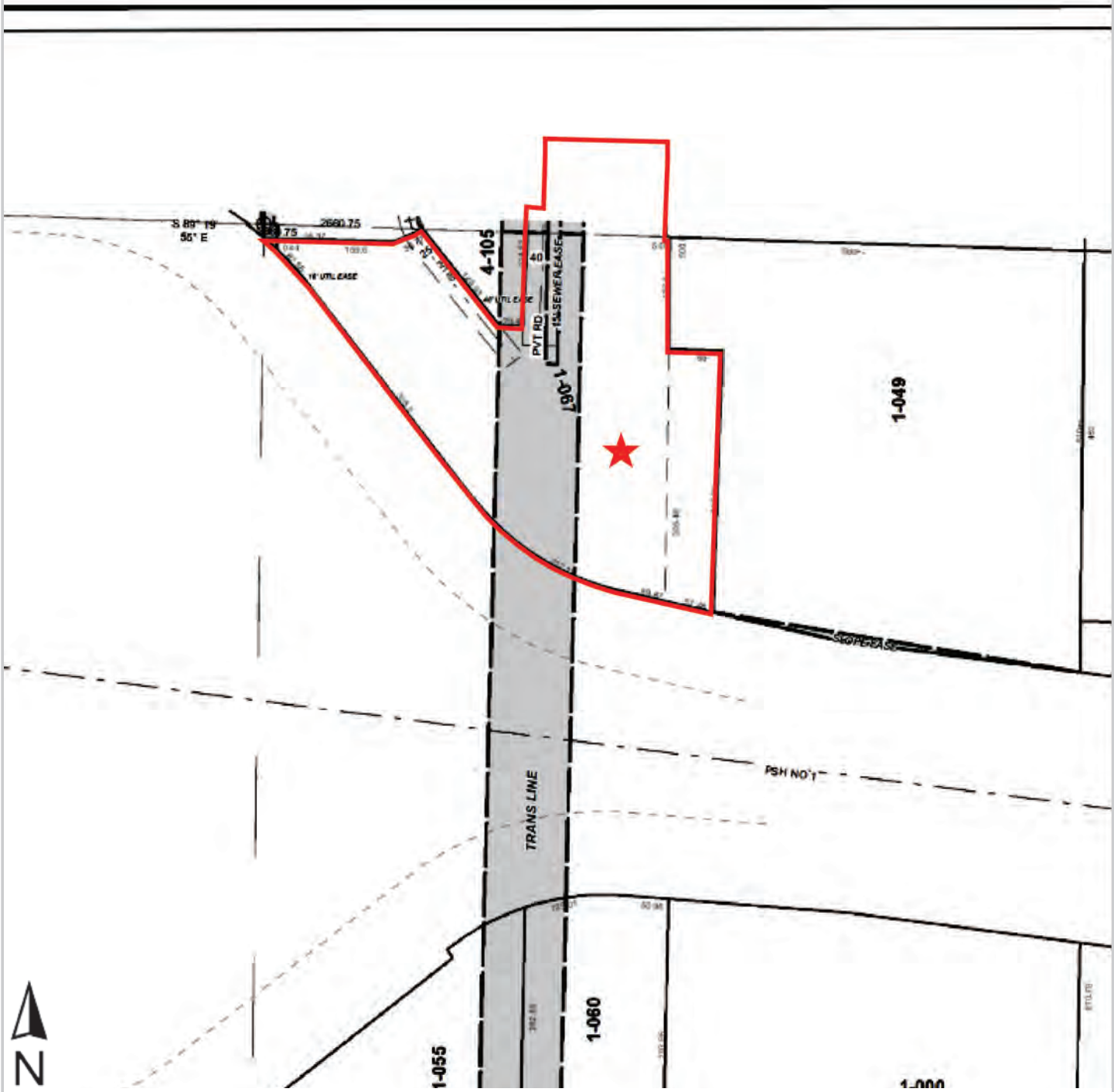

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

FILED FOR RECORD AT REQUEST OF

GASAMAT INC.
P. O. Box 2246
Fort Collins, Colorado 80522

WHEN RECORDED RETURN TO

Name GASAMAT INC.

Address P. O. BOX 2246

City, State, Zip FORT COLLINS, CO. 80522

THIS SPACE PROVIDED FOR RECORDER'S USE:

2796567

RECORDED

FEB 1 1978

'78 FEB 1 PM 1:26

SUPERVISOR, AUDITOR
PIERCE COUNTY WASH.

2796567

Statutory Warranty Deed

THE GRANTOR PAT GRIFFIN CO., a Wyoming corporation, of 701 North College Avenue, Fort Collins, Colorado,

for and in consideration of Ten Dollars ----------

in hand paid, conveys and warrants to GASAMAT INC., a Wyoming corporation, 701 N. College Avenue, Fort Collins, CO. 80521

the following described real estate, situated in the Town of Fife, County of Pierce, State of Washington

Commencing at a point on the North line of Section 11, Township 20 North, Range 3 East of the Willamette Meridian 200.00 feet East of the Northwest corner of the Northeast Quarter of the Northeast Quarter of said Section and run thence North 100 feet parallel to the West line of the Southeast Quarter of the Southeast Quarter of Section 2, Township 20 N, Range 3 East, W. M.; thence East 165.00 feet parallel to the North line of said Section; thence South 260 feet; thence West 60 feet to the Northerly line of tract appropriated by the State of Washington in Pierce County Superior Court Case #142871 thence on said Northerly line Northwesterly approximately 165.00 feet to the East right of way line of Ruddock Road; thence North 134.0 feet along Ruddock Road to the point of beginning, together with Seller's underlying rights and interests, if any, in the lands occupied by that portion of Ruddock Road lying within the South 100 feet of said Southeast Quarter of the Southeast Quarter of Said Section 2.

This is a correction Deed granted to correct a scrivener's error appearing in the property description of a Statutory Warranty Deed dated May 1, 1977 and recorded November 2, 1977 at reception #2776146 of Pierce County records.

Subject to any valid easements or rights of way existing or granted of record; any reservation of records in deeds affecting this property and current general taxes and installments of any special assessments not yet due, if any.

EXCISE TAX PAID $ none

REC. NO. 446739 DATE 1-23-78

MAURICE RAYMOND Pierce Co. Treas.

By Mary Ann Dankey DEPUTY

Dated December 30, 19 77

PAT GRIFFIN CO.

President

Secretary

STATE OF WASHINGTON
COUNTY OF ____ } ss.

On this day personally appeared before me

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that signed the same as free and voluntary act and deed for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this day of, 19

Notary Public in and for the State of Washington, residing at

STATE OF ~~WASHINGTON~~ COLO.
COUNTY OF LARIMER } ss.

On this 30th day of December 19 77 before me, the undersigned, a Notary Public in and for the State of ~~Wash~~ Colo. duly commissioned and sworn, personally appeared Pat Griffin and M. D. Reeves to me known to be the President and Secretary, respectively, of Pat Griffin Co. the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of ~~WASHINGTON~~ COLORADO residing at Fort Collins

2904051

EXECUTOR'S DEED

The Grantor, PACIFIC NATIONAL BANK OF WASHINGTON, as the personal representative of the Estate of Alice M. Speechley, Deceased, for and in consideration of distribution of estate, conveys and warrants to JOSEPHINE WESTLUND, JOE H. SPEECHLEY and RUTH E. WEST, the following described real estate situate in Pierce County, Washington, to-wit:

The East 163 feet of the North 137.5 feet of the West 15 acres of the NE quarter of the NE quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian. SUBJECT TO: Perpetual power line easement.

Alice M. Speechley died on August 12, 1978, and Pacific National Bank of Washington was confirmed as Executor of her Last Will and Testament on September 8, 1978, and ever since has been and is now the duly appointed, qualified and acting Executor thereof. This deed is given pursuant to the terms of the Last Will and Testament of Alice M. Speechley, deceased. That an Order of Solvency was entered in the estate of Alice M. Speechley, being Probate Cause No. 89460 in the Superior Court of Pierce County, Washington on September 8, 1978.

DATED this 23rd day of March, 1979.

PACIFIC NATIONAL BANK OF WASHINGTON

By: Victor L. Saathoff, Vice President

By: Alden C. Evans, Trust Officer

STATE OF Washington
County of Pierce } ss.

On this 23rd day of March, A. D. 1979, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn personally appeared Victor L. Saathoff and Alden C. Evans to me known to be the Vice President and Trust Officer, respectively, of Pacific National Bank of Washington the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

Nancy J. Stamper

Notary Public in and for the State of Washington residing at Tacoma

(Acknowledgment by Corporation. Pioneer National Title Insurance Company, Form L 29)

EXCISE TAX PAID $ 0
REC. NO. 489219 DATE 04-18-79
MAURICE RAYMOND Pierce Co. Treas.
By DEPUTY

Recorded APR 18 1979 Time 12:24 pm
At the Pierce County Auditor's Office
Richard A. Gero, Auditor
By Deputy Auditor

Executor's Deed

2934475

FILED FOR RECORD AT REQUEST OF

GASAMAT INC.
P.O. BOX 55
FORT COLLINS, COLORADO 80522

WHEN RECORDED RETURN TO

Name GASAMAT INC.
P.O. BOX 55
Address
City, State, Zip FORT COLLINS, CO. 80522

THIS SPACE PROVIDED FOR RECORDER'S USE

RECORDED

'79 AUG 15 AM 8:30

AUDITOR

2934475 DEED

Statutory Warranty Deed

THE GRANTOR PAT GRIFFIN CO., a Wyoming Corporation, of 701 N. College Avenue, Fort Collins, CO 80521

for and in consideration of Ten Dollars -

in hand paid, conveys and warrants to GASAMAT INC., A Wyoming Corporation, 701 N. College Avenue, Fort Collins, CO. 80521

the following described real estate, situated in the County of Pierce, State of Washington: Town of Fife

Commencing at a point on the North line of Section 11, Township 20 NORTH, RANGE 3 EAST Of The W.M., 20 feet east of the northwest corner of the northeast quarter of the northeast quarter of said Section; thence north 100 feet parallel to west line of southeast quarter of southeast quarter of SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST of the W.M.; thence east 165 feet parallel to north line of said section 11; thence south 260 feet; thence west 60 feet to northerly line of tract appropiated by the State of Washington in Pierce County Superior Court Case No. 142871; thence on said northerly line northwesterly approximately 165 feet, to east right of way line of Ruddock Road; thence north 34 feet along Ruddock Road to the point of beginning; and reserving in Grantor and its successors and assigns the full rights of ingress and egress over the 40 feet access roadway extending south from Pacific Highway along the east property line of the property hereby conveyed.

This Deed is given to replace a previous Deed and is in substitution thereof and is effective as of May 1, 1977.

Subject to any valid easements or rights of way existing or granted of record; any reservation of records in deeds affecting this property and current general taxes and installments of any special assessments not yet due, if any.

EXCISE TAX PAID
REC. NO. 50742 8-14-79
Stanley Jackson DEPUTY

Dated July 31, 1979

PAT GRIFFIN CO.

PRESIDENT

SECRETARY

STATE OF WASHINGTON } ss.
COUNTY OF

On this day personally appeared before me

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that signed the same as free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this day of, 19

Notary Public in and for the State of Washington, residing at

STATE OF ~~WASHINGTON~~ Colorado } ss.
COUNTY OF LARIMER

On this 31st day of July 1979 before me, the undersigned, a Notary Public in and for the State of ~~Washington~~ CO, duly commissioned and sworn, personally appeared Pat Griffin and Alma Hale to me known to be the President and Secretary, respectively, of Pat Griffin Co. the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written. My commission expires 6/13/83.

Notary Public in and for the State of ~~WASHINGTON~~ Colorado residing at Fort Collins

2947835

SAFECO TITLE INSURANCE COMPANY

SAFECO

THIS SPACE RESERVED FOR RECORDER'S USE

RECORDED

'79 OCT 5 AM 8:30

RICHARD A. GALLO AUDITOR
PIERCE COUNTY WASH.
DEPUTY

Filed for Record at Request of

NAME Robert D. Jones

ADDRESS 29804 - 10th Ave. S.W.

CITY AND STATE

P-63704
Revenue -$53.00

63704

STATUTORY
WARRANTY DEED

THE GRANTOR WILLIAM G. ROWLING and SUSAN ROWLING, husband and wife

for and in consideration of Ten dollars and other good and valuable consideration

in hand paid, conveys and warrants to ROBERT D. JONES and DONNA P. JONES, husband and wife

the following described real estate, situated in the County of Pierce, State of Washington:

The East 150 feet of the West 490.03 feet of the South 100 feet of the Southeast 1/4 of the Southeast 1/4 of Section 2, Township 20 North, Range 3 East of the W.M.

Situate in the County of Pierce, State of Washington.

Subject to covenants, easements, conditions, restrictions and reservations of record, if any.

EXCISE TAX PAID $ 530.00
REC. NO. 525-222 DATE 10-4-79
MAURICE RAYMOND Pierce Co. Treas.
By Dorothy Jackson DEPUTY

LTC OF EC. OCT 5 '79 -8:30

Dated October 2, 19 79

William G. Rowling
(Individual) William G. Rowling

Susan Rowling
(Individual) Susan Rowling

By
(President)

By
(Secretary)

STATE OF WASHINGTON
COUNTY OF Pierce } ss.

On this day personally appeared before me William G. Rowling and Susan Rowling to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 3rd day of October, 19 79

Notary Public in and for the State of Washington, residing at Tacoma.

STATE OF WASHINGTON
COUNTY OF } ss.

On this day of , 19 , before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared

and , to me known to be the President and Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at .

TL-3 R2 3/76

2952649

PUGET POWER

THIS SPACE RESERVED FOR RECORDER'S USE

RECORDED
OCT 24 1979
'79 OCT 24 AM 8:30
RICHARD A. GREGG AUDITOR
PIERCE COUNTY WASH.
DEPUTY

2952649

Filed for Record at Request of

NAME Seacoast Mortgage
ADDRESS 1918 64TH AVENUE WEST
CITY AND STATE TACOMA, WA 98466
Shirley Jones

P-63704
Revenue 12.50

Quit Claim Deed

63704

THE GRANTOR, PUGET SOUND POWER & LIGHT COMPANY, a Washington corporation, for and in consideration of Ten Dollars and no/100 ($10.00) and other valuable consideration conveys and quit claims to W. G. ROWLING and SUSAN ROWLING, his wife the following described real estate, situated in the County of Pierce State of Washington:

The east 150 feet of the west 490.03 feet of the south 100 feet of the Southeast 1/4 of the Southeast 1/4 of Section 2, Township 20 North, Range 3 East, W.M., in Pierce County, Washington

Subject to easements, rights, restrictions and covenants of record, if any.

This deed is given in fulfillment of that certain real estate contract between the parties hereto dated the 21st day of June, 1976 and recorded under Pierce County Auditor's file No. 2672963, Real Estate Excise Tax paid under Pierce County Treasurer Recording No. 396940, June 23, 1976.

LTC OF P.A. OCT 24 '79 *8 30

LTC STATE OF WASHINGTON OCT 24 1979 DEPT OF REVENUE OCT 22 '79 Conveyance Tax 12.50 OCT 24 1979 RB. 11234

IN WITNESS WHEREOF, said corporation has caused this instrument to be executed by its proper officer this 10th day of OCTOBER, 19 79.

PUGET SOUND POWER & LIGHT COMPANY
By Leslie A. Donner
Title Manager-Real Estate Division

STATE OF WASHINGTON)
) SS.
COUNTY OF KING)

On this 22 day of OCTOBER, 1979, before me, the undersigned, Leslie A. Donner, to me known to be the Manager-Real Estate Division of PUGET SOUND POWER & LIGHT COMPANY, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

WILLIAM K. HOLLINS
NOTARY PUBLIC
STATE OF WASHINGTON
COMM. EXP. 8-10-80

WITNESS my hand and official seal hereto affixed the day and year first above written.

William K. Hollins
Notary Public in and for the State of Washington
Washington, residing at Bothell

EXCISE TAX PAID $ None
REC. NO. 507694 DATE 10-23-79
MAURICE RAYMOND Pierce Co. Treas.
By Dorothy Jackson DEPUTY

2992267

Chicago Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE:

RECORDED

80 MAY 12 A8:30

RICHARD A. CREED AUDITOR

FILED FOR RECORD AT REQUEST OF

DEED

WHEN RECORDED RETURN TO

Name Mr. and Mrs. Robert D. Jones

Address 29804 - 10th Ave. S.W.

City, State, Zip Federal Way, WA. 98003

P-64978 64978
Revenue-$45.00

Statutory Warranty Deed

THE GRANTORJOSEPHINE WESTLUND, JOE H. SPEECHLEY, AND RUTH E. WEST, each an undivided 1/3 interest as their separate property.

for and in consideration of Ten dollars and other good and valuable consideration

in hand paid, conveys and warrants to ROBERT D. JONES and DONNA PEARL JONES, husband and wife

the following described real estate, situated in the County of Pierce, State of Washington:

PARCEL A:

The East 163 feet of the North 137.5 feet of the West 15 acres of the Northeast 1/4 of the Northeast 1/4 of Section 11, Township 20 North, Range 3 East of the W.M.

PARCEL B:

Easement for ingress and egress over and across a strip of land 15 feet in width, as granted by instrument recorded June 24, 1976, under Auditor's File No. 2672964.

All situate in the County of Pierce, State of Washington.

EXCISE TAX PAID $ 45.00
REC NO. 52191 DATE 5-9-80
MAURIN WALSH Treasurer
By DEPUTY

LTC Conveyance
MAY 12 1980 45.00

Dated May 8, 1980

Josephine Westlund
Josephine Westlund

Joe H. Speechley
Joe H. Speechley

Ruth E. West by Josephine Westlund her attorney in fact
Ruth E. West, by and through her attorney in fact Josepine Westlund

STATE OF WASHINGTON,
County of Pierce } ss.

SAFECO

On this 8th day of May, 1980, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Josephine Westlund to me known to be the individual described in, and who executed the within instrument for her self and also as the Attorney in Fact for Ruth E. West and acknowledged to me that She signed and sealed the same as her own free and voluntary act and deed for her self, and also as her free and voluntary act and deed as Attorney in Fact for said Ruth E. West in the capacity and for the uses and purposes therein mentioned, and that said principal is not deceased nor incompetent.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Shirley C. Jones

Notary Public in and for the State of Washington, residing at Tacoma

TL-33 R3 3/77 SAFECO Title Insurance Company - ACKNOWLEDGMENT - SELF AND ATTORNEY IN FACT

LTC of P.C. MAY 9 '80

A PORTION OF THE NE ¼, NE ¼ SEC. 11, T. 20 N., R. 3 E. AND THE SE ¼, SE ¼ SEC. 2, T. 20 N., R. 3 E., W.M.

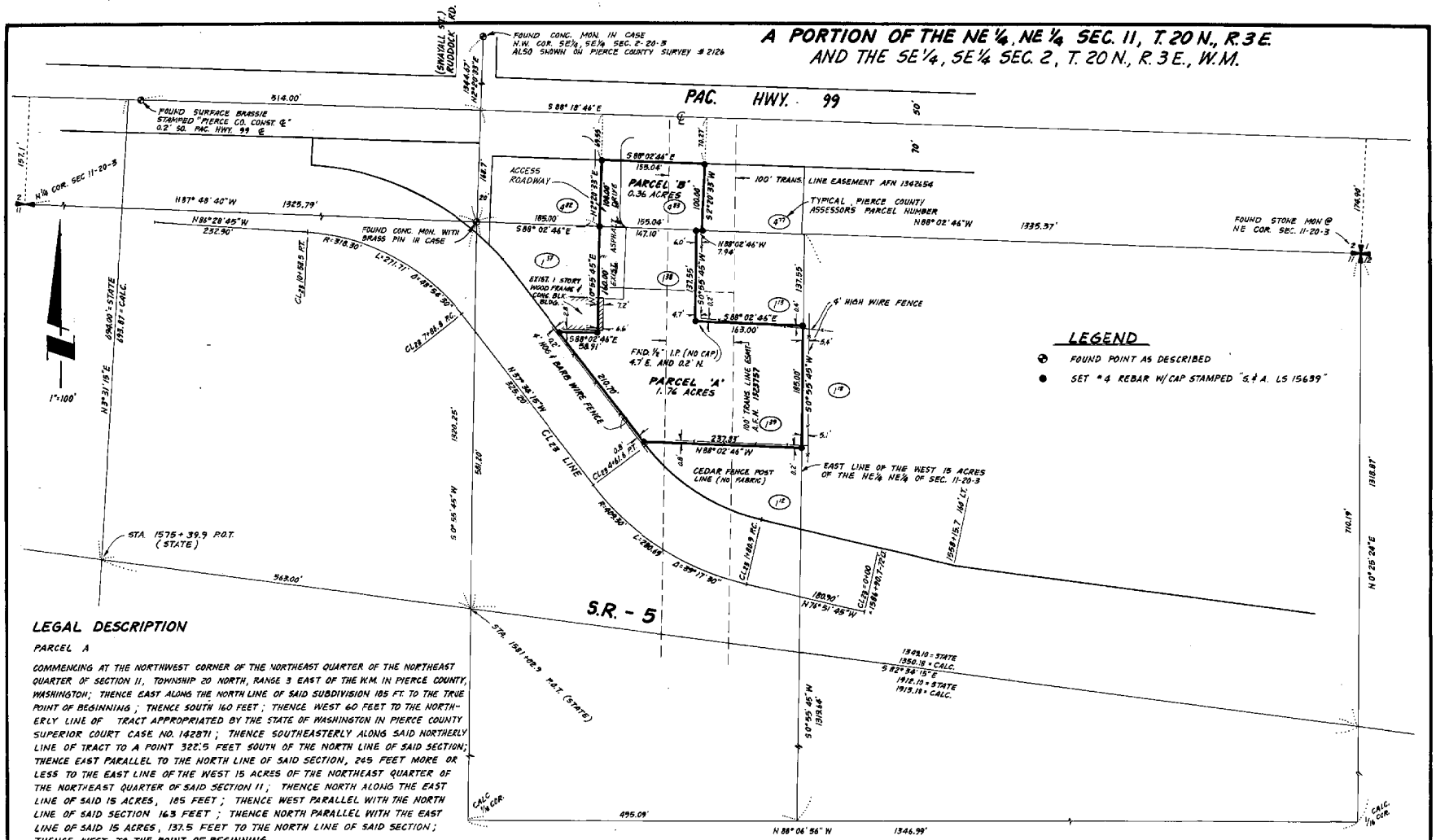

1" = 100'

LEGEND

- FOUND POINT AS DESCRIBED
- SET #4 REBAR W/CAP STAMPED "S. & A. LS 15639"

LEGAL DESCRIPTION

PARCEL A

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M. IN PIERCE COUNTY, WASHINGTON; THENCE EAST ALONG THE NORTH LINE OF SAID SUBDIVISION 185 FT. TO THE TRUE POINT OF BEGINNING; THENCE SOUTH 160 FEET; THENCE WEST 60 FEET TO THE NORTHERLY LINE OF TRACT APPROPRIATED BY THE STATE OF WASHINGTON IN PIERCE COUNTY SUPERIOR COURT CASE NO. 142871; THENCE SOUTHEASTERLY ALONG SAID NORTHERLY LINE OF TRACT TO A POINT 322.5 FEET SOUTH OF THE NORTH LINE OF SAID SECTION; THENCE EAST PARALLEL TO THE NORTH LINE OF SAID SECTION, 245 FEET MORE OR LESS TO THE EAST LINE OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11; THENCE NORTH ALONG THE EAST LINE OF SAID 15 ACRES, 185 FEET; THENCE WEST PARALLEL WITH THE NORTH LINE OF SAID SECTION 163 FEET; THENCE NORTH PARALLEL WITH THE EAST LINE OF SAID 15 ACRES, 137.5 FEET TO THE NORTH LINE OF SAID SECTION; THENCE WEST TO THE POINT OF BEGINNING.

PARCEL B

THE EAST 155.03 FEET OF THE WEST 340.03 FEET OF THE SOUTH 100 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON.

PARCEL C

AN EASEMENT FOR INGRESS AND EGRESS OVER THE 40 FOOT ACCESS ROADWAY ON ADJOINING PREMISES AS RESERVED IN WARRANTY DEED RECORDED AUGUST 15, 1979 UNDER AUDITORS NO. 2934475.

SITUATED IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

NOTES:

1. BOUNDARY SURVEY PERFORMED OCTOBER, 1982.
2. BASIS OF BEARING: RECORD OF SURVEY REFERENCED IN NOTE # 3.
3. REFERENCE: RECORD OF SURVEY PERFORMED BY WILSEY & HAM, INC., RECORDED IN BOOK 12 OF SURVEYS AT PAGE 22, RECORDS OF PIERCE COUNTY, WASHINGTON.
4. REFERENCE: RECORD OF SURVEY RECORDED IN BOOK 22 OF SURVEYS AT PG. 26, RECORDS OF PIERCE COUNTY, WASHINGTON.
5. REFERENCE: WASHINGTON STATE DEPARTMENT OF HIGHWAYS TACOMA TO KING COUNTY LINE RIGHT OF WAY STA. 1566+00 TO STA. 1598+00, SHEET 2 OF 14, DATED MAY 26, 1959.
6. REFERENCE: WASHINGTON STATE HIGHWAY DEPARTMENT MAP AND PROFILE OF SR 99 REDONDO TO TACOMA SHEETS 10 AND 11 OF 11, DATED MAY 25, 1923.
7. REFERENCE: A.L.T.A. POLICY PREPARED BY COMMONWEALTH TITLE INSURANCE COMPANY, TACOMA, WASHINGTON, COMMITMENT NO. 344515, DATED JANUARY 21, 1982 AT 8:30 A.M.

PAUL S. ANDERSON — STATE OF WASHINGTON — REGISTERED PROFESSIONAL LAND SURVEYOR

RECORDER'S CERTIFICATE 8303230157

Filed for record this 23 day of March 1983 at 9:20 A M in book ..... of ..... at page ..... at the request of PAUL S. ANDERSON $25.00

Surveyor's Name

S. Schock — Mgr. R. A. Greco — Supt. of Records

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of DON MOODY in OCT. 1982

Paul S. Anderson

Certificate No. 15639

RECORD OF SURVEY

FOR: DON MOODY OF WESTERN PACIFIC PROPERTIES
13975 INTERURBAN AVENUE S.
TUKWILA, WASHINGTON 98188

STEPAN & ASSOCIATES, INC.
930 SOUTH 336TH ST. - SUITE 'A'
FEDERAL WAY, WASHINGTON 98003

DWN BY	DATE	JOB NO.
R.C.H., R.R.B.	OCT. 1982	21498.16
CHKD BY	SCALE	SHEET
P.S.A. / R.C.H.	1" = 100'	1 OF 1

8303230157 VOL 124 PAGE 1974

CHICAGO TITLE MAY - 6 1983
199762

VOL 132 PAGE 031

8305060253

Recording Requested By:

Highlands Properties,
a Partnership

When Recorded Mail To:

Highlands Properties, a Partnership
& Charles W. Trainor
601 University Avenue, Suite 264
Sacramento, California 95825

RECORDED

83 MAY 6 P2:20

PIERCE COUNTY WASH
DEPUTY

WARRANTY DEED

The Grantor, NATIONAL REALTY CORP., a Delaware corporation, successor in interest to IOWA MACHINERY AND SUPPLY COMPANY, an Iowa corporation, for valuable consideration, in hand paid, conveys and warrants to HIGHLAND PROPERTIES, a Partnership, the following described real estate situated in the County of Pierce, State of Washington:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

DATED: April 28, 1983.

NATIONAL REALTY CORP. a Delaware corporation

EXCISE TAX PAID $ 5940.00
Re No. 588255 Date 5-6-83
Pierce County
By Auth. Sig.

By
JOHN D. STODDARD, President

ACKNOWLEDGMENT

(Corporation)

STATE OF CALIFORNIA)
COUNTY OF SAN FRANCISCO)

On this 28th day of April, in the year 1983, before me, ALFRED GEE, a Notary Public, personally appeared John D. Stoddard, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person who executed the within instrument, as president (or secretary) or on behalf of the corporation therein named and acknowledged to me that the corporation executed it.

OFFICIAL SEAL
ALFRED GEE
NOTARY PUBLIC - CALIFORNIA
SAN FRANCISCO COUNTY
My comm. expires DEC 1, 1985

SEAL

Notary Public

EXHIBIT "A"

Beginning at the northeast corner of the west 30 acres of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East of the W.M.,
thence south along the east line of said west 30 acres to the north line of property conveyed to the State of Washington for PSH#1 by deed recorded August 3, 1960 under Auditor's Fee No. 1896305, thence westerly and northerly along said north line of property conveyed to State of Washington to a point 322.50 feet south of the north line of said northeast quarter of the northeast quarter, thence easterly on a line parallel with the north line of said northeast quarter of the northeast quarter, a distance of approximately 237.83 feet to the easterly line of the west 15 acres of the northeast quarter of the northeast quarter of said Section 11, thence north along said east line of the west 15 acres a distance of approximately 322.50 feet to the north line of said northeast quarter of the northeast quarter of said Section 11, thence easterly along said north line, a distance of approximately 495 feet to the point of beginning.

TOGETHER WITH easement rights granted by Puget Sound Power and Light Company and set forth in instruments under Recording Numbers 1539432 and 2238042.

CHICAGO TITLE MAY - 6 1983

19976-2

8305050254

VOL 132 PAGE 033

Recording Requested By:

Chicago Title Insurance Co.

When Recorded Mail To:

Teddy N. Moore
Nendals Motor Inns
9900 SW Canyon Road
Portland, Oregon 97225

RECORDED

83 MAY 6 P 2: 21

HARRY A. GREEN AUDITOR
PIERCE COUNTY WASH
DEPUTY

WARRANTY DEED

The Grantor, HIGHLAND PROPERTIES, a Partnership, for valuable consideration, in hand paid, conveys and warrants to TEDDY N. MOORE as Trustee under the Marital Trust Agreement of Teddy N. Moore dated September 6, 1979, or successor interest or Trustee of said Trust Agreement, to an undivided one-half interest as tenants-in-common, and to TEDDY N. MOORE as Trustee, under the Family Trust Agreement of Teddy N. Moore dated September 6, 1979, or successor Trustee or Trustees of said Trust Agreement as to the remaining undivided one-half interest as tenants-in-common, the following described real estate situated in the County of Pierce, State of Washington:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

DATED: April 28, 1983.

HIGHLANDS PROPERTIES, a Partnership

By X John D. Stoddard
JOHN D. STODDARD, Partner

EXCISE TAX PAID $ 5940.00
Re. No. 58257 Date 5-6-83
Pierce County
By Dorothy Jackson Auth. Sig.

ACKNOWLEDGMENT
(Partnership)

STATE OF CALIFORNIA)
COUNTY OF SAN FRANCISCO)

On this 28th day of April, in the year 1983, before me, ALFRED GEE, a Notary Public, personally appeared John D. Stoddard, personally known to me (or proven to me on the basis of satisfactory evidence) to be the person that executed this instrument, on behalf of the partnership and acknowledged to me that the partnership executed it.

Alfred Gee
Notary Public

OFFICIAL SEAL
ALFRED GEE
NOTARY PUBLIC - CALIFORNIA
SAN FRANCISCO COUNTY
My comm. expires DEC 1, 1985
SEAL

450

EXHIBIT "A"

Beginning at the northeast corner of the west 30 acres of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East of the W.M.,
thence south along the east line of said west 30 acres to the north line of property conveyed to the State of Washington for PSH#1 by deed recorded August 3, 1960 under Auditor's Fee No. 1896305, thence westerly and northerly along said north line of property conveyed to State of Washington to a point 322.50 feet south of the north line of said northeast quarter of the northeast quarter, thence easterly on a line parallel with the north line of said northeast quarter of the northeast quarter, a distance of approximately 237.83 feet to the easterly line of the west 15 acres of the northeast quarter of the northeast quarter of said Section 11, thence north along said east line of the west 15 acres a distance of approximately 322.50 feet to the north line of said northeast quarter of the northeast quarter of said Section 11, thence easterly along said north line, a distance of approximately 495 feet to the point of beginning.

TOGETHER WITH easement rights granted by Puget Sound Power and Light Company and set forth in instruments under Recording Numbers 1539432 and 2238042.

VOL 153 PAGE 772

8309060169

Chicago Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE

FILED FOR RECORD AT REQUEST OF

EXCISE TAX PAID $ 660.00
No. 597416 Date 9-6-83
Pierce County

83 SEP 6 A10: 55

DEPUTY

WHEN RECORDED RETURN TO By [signature] Auth. Sig.

Name: Chicago Title Insurance Company
Escrow Dept. - Escrow No. 22298
Address: First Interstate Plaza - Suite 1400
Tacoma, Washington 98402

City, State, Zip:

CHICAGO TITLE SEP 6 1983
22298-2

Statutory Warranty Deed

THE GRANTOR TEDDY N. MOORE, as Trustee under the Marital Trust Agreement of TEDDY NO MOORE dated September 6, 1979 as to an undivided one-half interest, and TEDDY N. MOORE, as Trustee under the Family Trust Agreement of TEDDY N. MOORE dated September 6, 1979, as to an undivided one-half interest, as tenants-in-common

for and in consideration of Ten Dollars and other good and valuable consideration

in hand paid, conveys and warrants to VIP'S RESTAURANTS, INC., an Oregon Corporation

the following described real estate, situated in the County of Pierce, State of Washington:

SEE EXHIBIT "A" ATTACHED HERETO AND INCORPORATED HEREIN BY REFERENCE FOR LEGAL DESCRIPTION.

SUBJECT TO:
1. Unrecorded leaseholds, if any; rights of vendors and holders of security interests on personal property installed upon said property, and rights of tenants to remove trade fixtures at the expiration of the term.
2. Easement granted to the City of Tacoma by instrument dated June 2, 1943 and recorded under Recording No. 1323757.
3. Relinquishment of access to Primary State Highway No. 1 by Deed recorded August 3, 1960 under Recording No. 1896305.

Grantees agree not to construct buildings on subject property that would obstruct the view of the adjoining Nendel's Motel.

ACCEPTED AND APPROVED:

VIP'S RESTAURANTS, INC.
By [signature]
By [signature] Corporate Counsel

Dated September 1, 19 83

DEPUTY REVENUE

[signature]
Teddy N. Moore as Trustee under the Marital Trust Agreement of TEDDY N. MOORE dated September 6, 1979

[signature]
Teddy N. Moore, as Trustee under the Family Trust Agreement of Teddy N. Moore dated September 6, 1979

STATE OF ~~WASHINGTON~~ OREGON
COUNTY OF ..... } ss.

On this day personally appeared before me Teddy N. Moore to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 4 day of September, 19 83

[signature]
Notary Public in and for the State of ~~WASH~~ Oregon residing at Portland

STATE OF WASHINGTON
COUNTY OF ..... } ss.

On this ..... day of ....., 19....., before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared .....

and ..... to me known to be the President and Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that ..... authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at .....

F. 9235

EXHIBIT "A"

To be attached to and incorporated into Statutory Warranty Deed dated September 1, 1983 wherein Teddy N. Moore, as Trustee, is Grantor, and VIP'S RESTAURANTS, INC., an Oregon Corporation, is Grantee.

LEGAL DESCRIPTION OF PROPERTY:
That portion of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East of the W.M. in Pierce County, Washington, described as follows:

Commencing at the northwest corner of the northeast quarter of the northeast quarter of said Section 11;
thence south 88°02'46" East along the north line of said subdivision, a distance of 185.00 feet;
thence south 0°55'45" West, a distance of 160.00 feet;
thence north 88°02'46" West, a distance of 58.91 feet to the northerly line of tract appropriated by the State of Washington in Pierce County Superior Court Case #142871;
thence south 37°34'15" East along said northerly line of tract, a distance of 210.70 feet to a point 322.5 feet south of the north line of said subdivision and the true point of beginning;
thence south 88°02'46" East along a line 322.5 feet south of the north line of said subdivision, a distance of 237.83 feet to the east line of the west 15 acres of the northeast quarter, of the northeast quarter of said Section 11;
thence south 0°55'45" West along the east line of said west 15 acres, a distance of 121.46 feet to the northerly right of way margin of I-5 which is 100 feet at right angles from the CL 23 line;
thence north 76°51'45" West along said northerly right of way line, a distance of 59.87 feet to a point of curve;
thence continuing along said northerly right of way margin around a curve to the right, the center of which bears north 13°08'15" East, having a radius of 309.30 feet, containing a central angle of 39°17' 30", an arc distance of 212.11 feet;
thence continuing along said northerly right of way margin, north 37°34'15" West, a distance of 4.21 feet to the true point of beginning.

NORTHWESTERN TITLE COMPANY
250 Arctic Building 700 Third Ave
Seattle, WA 98104 (206) 625-1952

Filed for Record at Request of

AFTER RECORDING MAIL TO:

NORTHWESTERN TITLE CO.
700 Third Ave., 250 Arctic Bldg
Seattle, WA 98104
Escrow No. 8509-0963
SUC

1-037

8511270197

VOL 296 PAGE 310

REVENUE STAMPS

THIS SPACE RESERVED FOR RECORDER'S USE

RECORDED

85 NOV 27 A10: 29

RICHARD A. GRECO AUDITOR
PIERCE COUNTY, WASH
DEPUTY

A34933-1
CHICAGO TITLE NOV 27 1985

Statutory Warranty Deed

THE GRANTOR GASAMAT OIL CORP. OF COLORADO, a Colorado corporation,

for and in consideration of Two Hundred Forty-Nine Thousand Four Hundred Dollars ($249,400.00)

in hand paid, conveys and warrants to VIP'S RESTAURANTS, INC.

the following described real estate, situated in the County of Pierce, State of Washington:

See Exhibit A attached hereto and incorporated herein by this reference.

Subject to liens, encumbrances, easements and restrictions of record.

EXCISE TAX PAID $ 3300.00
No. 644920 Date 11-27-85
Pierce County
By [signature] Auditor

Dated this 26th day of November, 1985

GASAMAT OIL CORP. OF COLORADO, a Colorado corporation

By: [signature] (SEAL)
T.P. Gallagher, President

[signature] (SEAL)
Terry L. Pickett, Secretary

STATE OF ~~WASHINGTON~~ Colorado
COUNTY OF Denver } ss

On this 26 day of November, 1985 before me, the undersigned Notary Public in and for the State of ~~WASHINGTON~~ Colorado, duly commissioned and sworn personally appeared T.P. Gallagher and Terry L. Pickett to me known to be the President and Secretary respectively of GASAMAT OIL CORP. OF COLORADO, a Colorado corporation, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

[signature]
Notary Public in and for the State of ~~Washington~~ Colorado
residing at 999 18th St., Su. 355, Denver, CO 80202

STATE OF WA[illegible] } ss
COUNTY OF [illegible]

On this day [illegible] before me [illegible] to me known to be [illegible] who executed the wi[illegible] and acknowledged that [illegible] free and [illegible] for the uses and purposes [illegible]
GIVEN under my [illegible] this day of [illegible]

Notary Public in and for the State of Washington, residing at [illegible]

EXHIBIT A

Beginning at a point on the north line of Section 11, Township 20 North, Range 3 East of the W.M., 20 feet east of the northwest corner of the northeast quarter of the northeast quarter of said Section 11, said point being on the east right of way line of Ruddock Road;
thence north 100 feet, parallel with the west line of the southeast quarter of the southeast quarter of Section 2, Township 20 North, Range 3 East of the W.M.;
thence east 165 feet parallel with the north line of said Section 11;
thence south 260 feet;
thence west 60 feet to the northerly line of a tract of land appropriated by the State of Washington by Decree entered in Pierce County Superior Court Cause No. 142871;
thence on said northerly line northwesterly 165 feet, more or less, to the east right of way line of Ruddock Road;
thence north 34 feet along said east right of way line to the point of beginning.

TOGETHER WITH those easement rights granted in instruments recorded January 10, 1983 under Recording Nos. 8301100174 and 8301100175.

Situate in Pierce County, Washington.

JLL/0833DJ

8703190234

VOL 0402 PAGE 1605

ORIGINAL

Lease
Unocal Refining & Marketing Division

UNOCAL

This indenture, dated this 1st day of July, 19 86,

by and between VIP's Restaurants, Inc.,

of

Lessor, and Union Oil Company of California, dba Unocal, a California corporation, Lessee;

Witnesseth:

That for the term beginning January 1, 19 87, and upon the terms and conditions set forth in that certain written lease agreement dated July 1, 19 86, from Lessor to Lessee, all of which terms and conditions are hereby made a part hereof as fully and completely as if herein specifically set out in full, Lessor has leased, demised and let, and does hereby lease, demise and let unto Lessee the following described real property situate, lying and being in the City of Fife, County of Pierce, State of Washington described as follows:

(See attached Exhibit "C", "C-1", & "C-2")

DATE 3-19-87

By [signature] Auth. Sig

~~Lessee shall have the preferential right to purchase said property during the term of this lease or any extension thereof and~~ Lessor agrees not to sell all, or a part thereof separately, or as a part of a larger parcel, without first giving Lessee written notice of each proposed sale, stating therein the price and other terms and conditions thereof and furnishing Lessee with a copy of the offer to purchase. If said property is being sold as a part of a larger parcel of property, Lessee's rights hereunder extend only to the purchase of the larger parcel, including the demised premises. Upon receipt of any such notice Lessee shall have the preferential right to purchase the property being proposed for sale ("the property"), at the price and upon the terms and conditions set forth in such notice, except that Lessee shall not be bound by any offer or agreement by which the offeree as Buyer has agreed or offered to pay brokerage commission on the sale of said property by Lessor, and Lessee shall have thirty (30) days after receipt of such notice within which to notify Lessor that Lessee elects to exercise such right and purchase the property. In the event Lessee exercises its right to purchase, Lessor agrees to promptly convey the property to Lessee free and clear of all liens and encumbrances by good and sufficient deed, and concurrently therewith Lessee shall pay Lessor the purchase price upon the terms and conditions set forth in such notice. Taxes and rentals shall be prorated as of the date title to the property is vested in Lessee. If Lessee does not exercise its preferential right to purchase the property in any such case, this lease shall remain in full force and effect and any sale by Lessor to a third party shall be made subject to all the terms and conditions of this lease, including this preferential right to purchase.

INITIAL B.A. C.C.

This lease shall not be binding upon Lessee until duly executed by it and delivered to Lessor.

In Witness Whereof, the parties hereto have executed this instrument in duplicate as of the day and year first above written.

VIP's RESTAURANTS, INC.

BY [signature] Pres.

BY [signature] Sec.
(Lessor)

Union Oil Company of California, dba Unocal

By [signature]
C. C. ROSS, MANAGER
UNOCAL REFINING & MARKETING DIVISION, WESTERN MARKETING

By [signature]
Assistant Secretary
R.E. JENKINS
(Lessee)

UNION OIL COMPANY OF CALIFORNIA INCORPORATED OCT. 17, 1890

RECORDED
87 MAR 19 PM 12:45
AUDITOR
PIERCE COUNTY, WASH
DEPUTY

FORM 3-8A06 (REV. 5-86) PRINTED IN U.S.A.

10-

NOTICE: If the film image of this notice is not clear, this notice is due to the quality of the document being filmed.

VOL 0402 PAGE 1606

STATE OF Washington)
) ss
COUNTY OF King)

On this 3rd day of March in the year A.D. 1987 before me, the undersigned, a Notary Public in and for said County and State, residing therein and duly commissioned and sworn, personnally appeared Bob G. Smith and _____ personally known to me to be the person ___ whose name ___ _____ subscribed in the within instrument and acknowledge to me that ___ he _____ executed the same as _____ ___, free and voluntary act and deed for the uses and purposes therein mentioned.

IN WITNESSS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

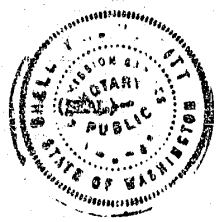

Notary Public in and for said State
My commission expires 6/6/89

STATE OF)
) ss
COUNTY OF)

On this _____ day of _____, 19 ____, before me, residing therein and duly commissioned and sworn, personnaly appeared _____ known to me to be the _____ and _____ known to me to be the _____ of _____, the corporation that executed the within instrument, and known to me to be the persons who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(Seal)

Notary Public in and for said County and State
My Commission expires: _____

NOTICE: If the size of this document is less than the data matrix it is due to the quality of the document being filed.

STATE OF CALIFORNIA)
) SS.
COUNTY OF LOS ANGELES)

On this 25th day of February, in the year 1987, before me, the undersigned, a Notary Public in and for the State of California, duly commissioned and sworn, personally appeared C. C. ROW and R. E. JENKINS, personally known to me to be the MANAGER MARKETING REAL ESTATE and ASSISTANT SECRETARY, respectively, of UNION OIL COMPANY OF CALIFORNIA, the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument and that the seal affixed is the corporate seal of said Corporation.

WITNESS my hand and official seal hereto affixed the day and year in this certificate above written.

OFFICIAL SEAL
VICKIE A. NORWOOD
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My Comm. Expires March 4, 1990

Vickie A. Norwood
Notary Public in and for the State of California. Residing at Los Angeles.

EXHIBIT "C"

PARCEL DESCRIPTION

PARCEL "A":
That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 185.00 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 155.04 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 155.04 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Reserving therefrom, to lessor, its successors and assigns, a non-exclusive driveway easement for ingress and egress purposes only, over and across that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 320.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 20.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 20 feet; thence North 2°20'33" East, 85.00 feet to the true point of beginning.

NOTICE: If the film image below is less clear than this notice it is due to the quality of the document being filmed.

EXHIBIT "C-1"

EASEMENT #1

LEGAL DESCRIPTION

PARCEL "B":
An easement over that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 155.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 30.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 30.00 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Said easement shall be a non-exclusive driveway easement for ingress and egress purposes only.

NOTICE: If the text of this document is less clear than this notice it is due to the quality of the document being filmed.

EXHIBIT "C-2"

EASEMENT #2

LEGAL DESCRIPTION

PARCEL "C":
An easement over that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 340.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 20.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 20.00 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Said easement shall be a non-exclusive driveway easement for ingress and egress purposes only.

CHICAGO TITLE MAY 31 1988
A-59250

FIRST AMENDMENT
SERVICE STATION SITE AND FACILITIES LEASE

This First Amendment to Service Station Site and Facilities Lease made and entered into effective the 4th day of March, 1988 by and between Inter-Pacific Development Company ("Lessor") and Union Oil Company of California, dba Unocal ("Lessee").

WITNESSETH

WHEREAS: VIP'S Restaurants, Inc. as Lessor and Lessee entered into a Service Station Site and Facilities Lease dated July 1, 1986 for certain real property situated in the City of Fife, County of Pierce, State of Washington. Marked Exhibit A, attached hereto and incorporated by this reference as if fully set forth herein is the legal description of the subject property, more commonly known as 3408-A Pacific Highway East, Fife, Washington 98424;

WHEREAS: VIP'S Restaurants, Inc. formally changed its corporate name from VIP'S Restaurants, Inc. to VIP'S Industries, Inc. in the manner provided by law effective January 1, 1987;

WHEREAS: VIP'S Industries, Inc. assigned its Lessor's interest in and to the above referenced Service Station Site and Facilities Lease to Inter-Pacific Development Company, a wholly-owned subsidiary of VIP'S Industries, Inc., effective January 1, 1987;

WHEREAS: Lessor and Lessee wish to modify the legal description describing the subject premises originally attached as Exhibit C to the above referenced Service Station Site and Facilities Lease so as to reduce the width of that driveway easement referred to as "Easement No. 1" from 30 feet to 25 feet so that said driveway easement will match the width of the underlying driveway easement over and across which Lessee's "Easement No. 1" runs, all for the purpose of providing consistency and common boundaries for the several separate pads and common areas within Lessor's larger development of which Lessee's premises are a part;

NOW, THEREFORE, IT IS AGREED THAT THE ABOVE REFERENCED SERVICE STATION SITE AND FACILITIES LEASE BY AND BETWEEN LESSOR AND LESSEE HEREIN SHALL BE AND HEREBY IS AMENDED IN THE FOLLOWING RESPECTS ONLY.

1. Exhibit "C-1" setting forth the legal description for "Easement No. 1" shall be amended to reduce the width of the Easement created and described therein from 30 feet to 25 feet.

   Marked Exhibit B, attached hereto and incorporated by this reference as if fully set forth herein is a copy of said Exhibit "C-1" in its final amended form.

Except as herein specifically amended or modified, said Service Station Site and Facilities Lease by and between Lessor and Lessee herein shall be and hereby is declared to be in full force and effect, without further modification, amendment or change.

12

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate as of the day and year first above written.

LESSOR: INTER-PACIFIC DEVELOPMENT COMPANY

By: _____

Title: Vice Pres/Sec

Date: 5/17/88

By: _____

Title: Pres.

Date: 5/17/88

LESSEE: UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL

By: C. C. Row

Title: C. C. ROW, MANAGER MARKETING REAL ESTATE
UNOCAL REFINING & MARKETING DIVISION, WESTERN MARKETING

Date: 5/3/88

By: _____

Title: R. E. Jenkins
Assistant Secretary

Date: 4/28/88

88 MAY 31 PM 1:17

CORPORATE ACKNOWLEDGMENT SS#7343 NO 202

State of California } SS.
County of Los Angeles

On this the 28th day of April 1988, before me,

Cliffne F. Bateman,

the undersigned Notary Public, personally appeared

R. E. Jenkins,

x personally known to me
proved to me on the basis of satisfactory evidence

to be the person(s) who executed the within instrument as Assistant Secretary or on behalf of the corporation therein named, and acknowledged to me that the corporation executed it.

WITNESS my hand and official seal.

Cliffne F. Bateman
Notary Signature

OFFICIAL SEAL
CLIFFNE F. BATEMAN
NOTARY PUBLIC-CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires January 16, 1989

7120 122 NATIONAL NOTARY ASSOCIATION • 8236 Remmet Ave • P.O. Box 7184 • Canoga Park, CA 91304-7184

STATE OF OREGON)
County of Marion) SS.

Personally appeared the above named Steven V. Johnson who, being first duly sworn, did say that he is the Vice President and Secretary of Inter-Pacific Development Company, a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his/her voluntary act and deed.

Before me:
Diane Beyer
Notary Public for Oregon
My Commission Expires: 10-15-91
Date: May 17, 1988

STATE OF OREGON)
County of Marion) SS.

Personally appeared the above named Bob L. Smith who, being first duly sworn, did say that he is the President of Inter-Pacific Development Company, a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his/her voluntary act and deed.

Before me:
Diane Beyer
Notary Public for Oregon
My Commission Expires: 10-15-91
Date: May 17, 1988

8805310299

STATE OF CALIFORNIA)
) SS.
COUNTY OF LOS ANGELES)

On this 3rd day of March, in the year 1988, before me, the undersigned, a Notary Public in and for said State, personally appeared C. C. ROW, personally known to me to be the MANAGER, MARKETING REAL ESTATE, who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that the Corporation executed it.

WITNESS my hand and official seal.

OFFICIAL SEAL
VICKIE A. NORWOOD
NOTARY PUBLIC - CALIFORNIA
LOS ANGELES COUNTY
My Comm. Expires March 4, 1990

Vickie A. Norwood
Notary Public in and for said State

EXHIBIT "A"

EXHIBIT "C"

PARCEL DESCRIPTION

PARCEL "A":
That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 185.00 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 155.04 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 155.04 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Reserving therefrom, to lessor, its successors and assigns, a non-exclusive driveway easement for ingress and egress purposes only, over and across that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 320.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 20.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 20 feet; thence North 2°20'33" East, 85.00 feet to the true point of beginning.

8805310299

EXHIBIT "C-1"

EASEMENT #1

LEGAL DESCRIPTION

PARCEL "B":
An easement over that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 155.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 30.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 30.00 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Said easement shall be a non-exclusive driveway easement for ingress and egress purposes only.

EXHIBIT "C-2"

EASEMENT #2

LEGAL DESCRIPTION

PARCEL "C":
An easement over that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 340.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 20.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 20.00 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Said easement shall be a non-exclusive driveway easement for ingress and egress purposes only.

EXHIBIT "B"

EASEMENT #1

LEGAL DESCRIPTION

PARCEL "B":
An easement over that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 155.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 25.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 25.00 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Said easement shall be a non-exclusive driveway easement for ingress and egress purposes only.

CHICAGO TITLE JAN 19 '88

FORM No. 964—Stevens-Ness Law Publishing Co., Portland, Ore. 97204 **8801190300** VOL 466 PAGE 3694

IN: 50719

CORRECTION DEED
WARRANTY DEED—STATUTORY FORM
CORPORATE GRANTOR

VIP'S Industries, Inc. (formerly known as VIP'S Restaurants, Inc.)
a corporation duly organized and existing under the laws of the State of Oregon *Grantor, conveys and warrants to* Inter-Pacific Development Company, an Oregon corporation
Grantee, the following described real property free of encumbrances except as specifically set forth herein situated in Pierce *County,* Washington *State, to-wit:*

Land, including improvements thereon and appurtenances thereto described in Exhibit A, attached hereto and incorporated by this reference as if fully set forth herein.
This instrument is recorded as a "Correction" Deed for the sole purpose of correcting the legal description of that real property conveyed by Grantor to Grantee by Warranty Deed - Statutory Form dated April 27, 1987 recorded in Pierce County Recorder's Office on May 11, 1987 under recording number 8705110215.

THIS INSTRUMENT DOES NOT GUARANTEE THAT ANY PARTICULAR USE MAY BE MADE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT. A BUYER SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE SIDE)

The said property is free from all encumbrances except

See Exhibit B attached hereto and incorporated by this reference as if fully set forth herein.

The true consideration for this conveyance is $ 10.00 *(Here comply with the requirements of ORS 93.030)*
This is a Correction Deed only.

Done by order of the grantor's board of directors with its corporate seal affixed on January 5, *19*88.

VIP'S Industries, Inc.
By [signature] *President*
By [signature] *Secretary*

(CORPORATE SEAL)

STATE OF OREGON, County of Marion *)* ss. January 5, *1988*
Personally appeared Bob L. Smith *and* Steven V. Johnson
who, each being first duly sworn, did say that the former is the president and that the latter is the secretary of VIP'S Industries, Inc.
, a corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors; and each of them acknowledged said instrument to be its voluntary act and deed.

(OFFICIAL SEAL)

Before me: Diane Beyer
Notary Public for Oregon; My commission expires: 10-15-91

WARRANTY DEED

VIP'S Industries, Inc. GRANTOR
Inter-Pacific Development Company GRANTEE
P.O. Box 2508
Salem, Oregon 97308 GRANTEE'S ADDRESS, ZIP

After recording return to:
Inter-Pacific Development Company
P.O. Box 2508
Salem, Oregon 97308
NAME, ADDRESS, ZIP

Until a change is requested, all tax statements shall be sent to the following address:
Inter-Pacific Development Company
P.O. Box 2508
Salem, Oregon 97308
NAME, ADDRESS, ZIP

88 JAN 19 PM 2:27

AUDITOR'S OFFICE, PIERCE COUNTY, WASH.
SPACE RESERVED FOR RECORDER'S USE

STATE OF OREGON,
County of ..... } ss.
I certify that the within instrument was received for record on the ..... *day of* ....., *19*....., *at* ..... *o'clock* ..... *M., and recorded in book/reel/volume No.* ..... *on page* ..... *or as document/fee/file/instrument/microfilm No.* ....., *Record of Deeds of said county.*
Witness my hand and seal of County affixed.
NAME TITLE
By ..... *Deputy*

EXCISE TAX PAID $ 0
No. 69564 Date 1-19-88
Pierce County
By [signature] Auth. Sig

16

8801190300

EXHIBIT A-1

LEGAL DESCRIPTION
RESTAURANT PAD

PARCEL A:

That portion of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, more particularly described as follows:

Commencing at the northwest corner of said subdivision;
thence along the northerly line thereof South 88°02'46" east 332.10 feet;
thence south 00°55'45" west 137.55 feet to the true point of beginning;
thence south 88°02'46" east 163.00 feet to the east line of the west 15 acres of said subdivision;
thence along said east line south 00°55'45" west 306.46 feet to the northerly right-of-way margin of State Route 5 (Primary State Highway #1) which is 100 feet at right angles from the CL 23 line;
thence north 76°51'45" west along said northerly right-of-way line, a distance of 55.87 feet, to a point of curve;
thence continuing along said northerly right-of-way margin around a curve to the right, the center of which bears north 13°08'15" east having a radius of 309.30 feet, containing a central angle of 39°17'30" an arc distance of 212.11 feet;
thence continuing along said northerly right-of-way margin north 37°34'15" west 70.84 feet;
thence leaving said margin north 50°18'03" east 121.37 feet to the beginning of a curve concave to the west having a radius of 6.00 feet;
thence northeasterly, northerly and northwesterly 9.28 feet along said curve through a central angle of 88°39'40";
thence north 38°21'37" west 19.31 feet;
thence north 51°38'23" east 46.09 feet to the true point of beginning.

Situate in the City of Fife, County of Pierce, State of Washington.

continued

PARCEL B

EXHIBIT A-2

LEGAL DESCRIPTION
PARKING EASEMENT

A NON-EXCLUSIVE EASEMENT FOR PARKING, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON.
THENCE ALONG THE NORTH LINE THEREOF SOUTH 88°02'46" EAST 302.86 FEET TO THE EASTERLY FACE OF AN EXISTING CONCRETE CURB;
THENCE ALONG SAID EASTERLY FACE SOUTH 01°27'36" WEST 60.05 FEET TO THE TRUE POINT OF BEGINNING OF THIS EASEMENT DESCRIPTION;
THENCE SOUTH 88°32'24" EAST 18.00 FEET;
THENCE SOUTH 01°27'36" WEST 54.00 FEET;
THENCE NORTH 88°32'24" WEST 18.00 FEET TO SAID EASTERLY FACE;
THENCE ALONG SAID EASTERLY FACE NORTH 01°27'36" EAST 54.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR

12-24-87

EXHIBIT A-3
LEGAL DESCRIPTION
EASEMENT NO.1

PARCEL C

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.02 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR
12-24-87

8801190300

PARCEL D

EXHIBIT A-4

LEGAL DESCRIPTION

EASEMENT NO. 2

A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 185.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR

12-24-87

8801190300

EXHIBIT B

A.L.T.A. COMMITMENT
A-40820

SCHEDULE B – Section 2

Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company.

1. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by this Commitment.

2. It must be determined that there are no service, installation, maintenance or construction charges for sewer, water, electricity or garbage removal.

3. REQUIREMENTS: Instruments creating the estate or interest to be insured must be approved and filed for record.

4. GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$1,307.74
AMOUNT PAID:	-0-
AMOUNT DUE:	$1,307.74
TAX ACCOUNT NO.:	03-20-11-1-041
AFFECTS:	Southerly portion of Parcel A

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$1,916.10
AMOUNT PAID:	-0-
AMOUNT DUE:	$1,916.10
TAX ACCOUNT NOS.:	03-20-11-1-037 and 03-20-02-4-082
AFFECTS:	Portion of Parcel D and other property

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$394.72
AMOUNT PAID:	-0-
AMOUNT DUE:	$394.72
TAX ACCOUNT NO.:	03-20-11-1-038
AFFECTS:	Portion of Parcels B, C & D and other property

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED	$1,735.02
AMOUNT PAID:	-0-
AMOUNT DUE:	$1,735.02
TAX ACCOUNT NO.:	03-20-11-1-039
AFFECTS:	Northerly portion of Parcel A and other property

continued

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

(Schedule B continued)
Page 2

Policy Number _____
(Owner)

Policy Number A-40820
(Loan)

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$499.14
AMOUNT PAID:	-0-
AMOUNT DUE:	$499.14
TAX ACCOUNT NO.:	03-20-02-4-083
AFFECTS:	Northerly portion of Parcel C and other property

5. MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT BILLED:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Southerly portion of Parcel A

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Northerly portion of Parcel D and other property

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Portion of Parcels B, C & D and other property

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Northerly portion of Parcel A and other property

continued

(Schedule B continued)
page 3

Policy Number _____
Owner

Policy Number A-40820
Lender

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Portion of Parcel C and other property

6. MORTGAGE AND THE TERMS AND CONDITIONS THEREOF:

MORTGAGOR:	Robert D. Jones and Donna P. Jones, husband and wife
MORTGAGEE:	Edward Gene Hull and Dnna Mae Hull, husband and wife
AMOUNT:	$25,000.00
DATED:	October 2, 1979
RECORDED:	October 5, 1979
RECORDING NO.:	2947836
AFFECTS:	Portion of Parcel C and other property

The amount now secured by said Mortgage and the terms upon which the same can be discharged or assumed should be ascertained from the holder of the indebtedness secured.

7. Unrecorded leaseholds, if any; rights of vendors and holders of security interests on personal property installed upon said property, and rights of tenants to remove trade fixtures at the expiration of the term.

8. UNRECORDED LEASE:

LESSOR:	VIP'S Restaurants, Inc.
LESSEE:	Union Oil Company of California, doing business as Unocal, a California corporation
DISCLOSED BY:	Instrument recorded under Recording No. 8703190234

We note amendment to said unrecorded lease dated July 1, 1986, recorded March 19, 1987 under Recording No. 8703190234. Copy attached.
AFFECTS: Parcel C and other property

continued

(Schedule B continued)
page 4

Policy Number _____
Owners

Policy Number A-40820
Loan

9. LEASE, AND THE TERMS AND CONDITIONS THEREOF:

LESSOR:	Washington Natural Gas Company
LESSEE:	VIPS Restaurants Inc.
DATED:	January 15, 1987
RECORDED:	April 22, 1987
RECORDING NO.:	8704220321

10. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	City of Tacoma, a municipal corporation, its successors and assigns
PURPOSE:	The right to erect, construct, operate and maintain a line or lines for the transmission of electric energy thereover for any and all purposes for which electric energy is now or may hereafter be used, with all necessary poles, towers, wires, cables, fixtures and appurtenances
AREA AFFECTED:	A strip of land 100 feet in width, within the westerly portion of said premises
DATED:	June 2, 1943
RECORDED:	June 22, 1943
RECORDING NO.:	1323757
AFFECTS:	Southerly portion of said premises

11. AN EASEMENT AFFECTING THE PORTION OF SAID PREMISES AND FOR THE PURPOSES STATED HEREIN, AND INCIDENTAL PURPOSES.

FOR:	Line or lines for the transmission of electric energy
IN FAVOR OF:	City of Tacoma
RECORDED:	June 23, 1943
AUDITOR'S NO.:	1323757
AFFECTS:	Parcels C and D

12. AN EASEMENT AFFECTING THE PORTION OF SAID PREMISES AND FOR THE PURPOSES STATED HEREIN, AND INCIDENTAL PURPOSES.

FOR:	Electric transmission line
IN FAVOR OF:	City of Tacoma
AFFECTS:	Parcels C and D
CONDEMNED IN:	Pierce County Superior Court Cause No. 88803

A copy of the Decree of Appropriation was filed with the Registrar under Auditor's No. 1342654.

continued

(Schedule B continued)
page 5

Policy Number _____ Owner
Policy Number A-40820 Loan

13. EASEMENT AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

BETWEEN:	ROBERT D. and DONNA P. JONES, husband and wife
AND:	VIP'S Restaurants, Inc.
DATED:	June 18, 1984
RECORDED:	August 13, 1984
RECORDING NO.:	8408130153
COPY ATTACHED	

14. EASEMENT, AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	City of Fife, a municipal corporation
PURPOSE:	For the construction, operation, maintenance and/or repair and/or replacement of sanitary sewer lines
AREA AFFECTED:	The easterly portion of Parcels C and D and other property
DATED:	April 7, 1986
RECORDED:	June 4, 1986
RECORDING NO.	8606040256

15. Relinquishment of access to State Route No. 5 also known as Primary State Highway No. 1, and of light, view and air.
BY: Deed to State of Washington
RECORDED: August 3, 1960
RECORDING NO.: 1896305
AFFECTS: Southerly portion of Parcel A

16. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	Cable TV Puget Sound Inc.
PURPOSE:	Installation, operation, repair, maintenance and replacement of a cable television system, together with the right to sell and provide cable television services to the living units
AREA AFFECTED:	Portion of Parcels A, B, C and D
DATED:	July 30, 1986
RECORDED:	April 22, 1987
RECORDING NO.:	8704220366

17. Condemnation of access to State Route No. 5 also known as State Highway No. 1 and of light, view and air per Decree entered in Pierce County Superior Court Cause No. 142871.
AFFECTS: Parcel A

continued

(Schedule B continued)
page 6

Policy Number _____ Owners
A-40820
Policy Number _____ Loan

18. Restrictions contained in Warranty Deed recorded under Recording No. 8309060169, as follows:

Grantees agree not to construct buildings on subject property that would obstruct the view of the adjoining Nendel's Motel.

AFFECTS: Parcel A

19. The governmental regulatory powers in paragraph 1 and 2 of the Exclusions from Coverage, in addition to other governmental entities, include the Puyallup Tribe of Indians.

20. Disposition of matters disclosed by a survey or our inspection. A supplemental report will follow.

NOTE: Possible lien of sewer and water connection charge or late-comers charge levied by the City of Fife. Inquiry should be made to the City of Fife by the parties to this transaction at:

Fife City Hall
5209 Pacific Highway East
Fife, Washington 98424

Examined by: Jan C.
Typed by: LS

END OF SCHEDULE B

CC: Northwestern Title

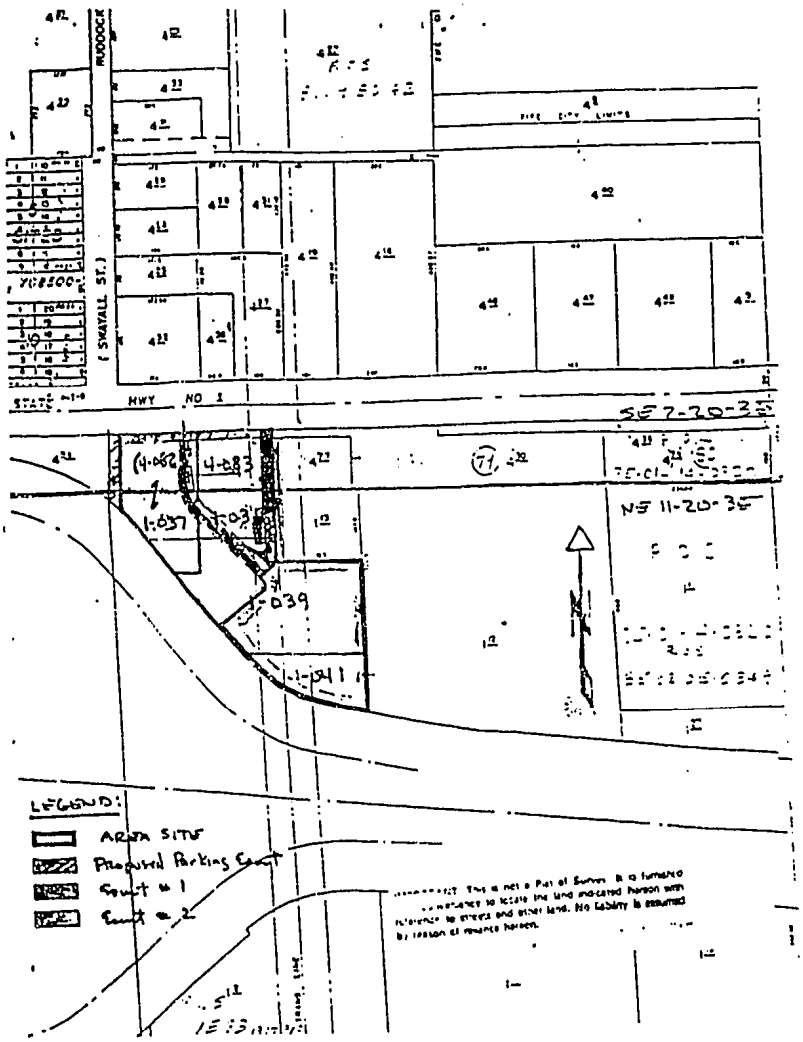
RUDDOCK
SKAYALL ST.
HWY NO 1
LEGEND:
Area Site
Proposed Parking Court
Court # 1
Court # 2

CHICAGO TITLE JAN 19 '88

FORM No. 964—Stevens-Ness Law Publishing Co., Portland, Ore. 97204 **8801190300** VOL 466 PAGE 3694

IN: 50719

CORRECTION DEED
WARRANTY DEED—STATUTORY FORM
CORPORATE GRANTOR

VIP'S Industries, Inc. (formerly known as VIP'S Restaurants, Inc.)
a corporation duly organized and existing under the laws of the State of Oregon *Grantor, conveys and warrants to* Inter-Pacific Development Company, an Oregon corporation
Grantee, the following described real property free of encumbrances except as specifically set forth herein situated in Pierce *County,* Washington *State, to-wit:*

Land, including improvements thereon and appurtenances thereto described in Exhibit A, attached hereto and incorporated by this reference as if fully set forth herein.
This instrument is recorded as a "Correction" Deed for the sole purpose of correcting the legal description of that real property conveyed by Grantor to Grantee by Warranty Deed - Statutory Form dated April 27, 1987 recorded in Pierce County Recorder's Office on May 11, 1987 under recording number 8705110215.

THIS INSTRUMENT DOES NOT GUARANTEE THAT ANY PARTICULAR USE MAY BE MADE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT. A BUYER SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE SIDE)

The said property is free from all encumbrances except

See Exhibit B attached hereto and incorporated by this reference as if fully set forth herein.

The true consideration for this conveyance is $ 10.00 *(Here comply with the requirements of ORS 93.030)*
This is a Correction Deed only.

Done by order of the grantor's board of directors with its corporate seal affixed on January 5, *19*88.

VIP'S Industries, Inc.
By [signature] *President*
By [signature] *Secretary*

(CORPORATE SEAL)

STATE OF OREGON, County of Marion *)* ss. January 5, *1988*
Personally appeared Bob L. Smith *and* Steven V. Johnson
who, each being first duly sworn, did say that the former is the president and that the latter is the secretary of VIP'S Industries, Inc.
, a corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors; and each of them acknowledged said instrument to be its voluntary act and deed.

(OFFICIAL SEAL)

Before me: Diane Beyer
Notary Public for Oregon; My commission expires: 10-15-91

WARRANTY DEED

VIP'S Industries, Inc. GRANTOR
Inter-Pacific Development Company GRANTEE
P.O. Box 2508
Salem, Oregon 97308 GRANTEE'S ADDRESS, ZIP

After recording return to:
Inter-Pacific Development Company
P.O. Box 2508
Salem, Oregon 97308
NAME, ADDRESS, ZIP

Until a change is requested, all tax statements shall be sent to the following address:
Inter-Pacific Development Company
P.O. Box 2508
Salem, Oregon 97308
NAME, ADDRESS, ZIP

88 JAN 19 PM 2:27

AUDITOR'S OFFICE, PIERCE COUNTY, WASH.
SPACE RESERVED FOR RECORDER'S USE

STATE OF OREGON,
County of ..... } ss.
I certify that the within instrument was received for record on the ..... *day of* ....., *19*....., *at* ..... *o'clock* ..... *M., and recorded in book/reel/volume No.* ..... *on page* ..... *or as document/fee/file/instrument/microfilm No.* ....., *Record of Deeds of said county.*
Witness my hand and seal of County affixed.
NAME TITLE
By ..... *Deputy*

EXCISE TAX PAID $ 0
No. 69564 Date 1-19-88
Pierce County
By [signature] Auth. Sig

16

8801190300

EXHIBIT A-1

LEGAL DESCRIPTION
RESTAURANT PAD

PARCEL A:

That portion of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, more particularly described as follows:

Commencing at the northwest corner of said subdivision;
thence along the northerly line thereof South 88°02'46" east 332.10 feet;
thence south 00°55'45" west 137.55 feet to the true point of beginning;
thence south 88°02'46" east 163.00 feet to the east line of the west 15 acres of said subdivision;
thence along said east line south 00°55'45" west 306.46 feet to the northerly right-of-way margin of State Route 5 (Primary State Highway #1) which is 100 feet at right angles from the CL 23 line;
thence north 76°51'45" west along said northerly right-of-way line, a distance of 55.87 feet, to a point of curve;
thence continuing along said northerly right-of-way margin around a curve to the right, the center of which bears north 13°08'15" east having a radius of 309.30 feet, containing a central angle of 39°17'30" an arc distance of 212.11 feet;
thence continuing along said northerly right-of-way margin north 37°34'15" west 70.84 feet;
thence leaving said margin north 50°18'03" east 121.37 feet to the beginning of a curve concave to the west having a radius of 6.00 feet;
thence northeasterly, northerly and northwesterly 9.28 feet along said curve through a central angle of 88°39'40";
thence north 38°21'37" west 19.31 feet;
thence north 51°38'23" east 46.09 feet to the true point of beginning.

Situate in the City of Fife, County of Pierce, State of Washington.

continued

PARCEL B

EXHIBIT A-2

LEGAL DESCRIPTION
PARKING EASEMENT

A NON-EXCLUSIVE EASEMENT FOR PARKING, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON.
THENCE ALONG THE NORTH LINE THEREOF SOUTH 88°02'46" EAST 302.86 FEET TO THE EASTERLY FACE OF AN EXISTING CONCRETE CURB;
THENCE ALONG SAID EASTERLY FACE SOUTH 01°27'36" WEST 60.05 FEET TO THE TRUE POINT OF BEGINNING OF THIS EASEMENT DESCRIPTION;
THENCE SOUTH 88°32'24" EAST 18.00 FEET;
THENCE SOUTH 01°27'36" WEST 54.00 FEET;
THENCE NORTH 88°32'24" WEST 18.00 FEET TO SAID EASTERLY FACE;
THENCE ALONG SAID EASTERLY FACE NORTH 01°27'36" EAST 54.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR

12-24-87

EXHIBIT A-3
LEGAL DESCRIPTION
EASEMENT NO.1

PARCEL C

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.02 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR
12-24-87

8801190300

PARCEL D

EXHIBIT A-4

LEGAL DESCRIPTION

EASEMENT NO. 2

A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 185.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR

12-24-87

8801190300

EXHIBIT B

A.L.T.A. COMMITMENT
A-40820

SCHEDULE B – Section 2

Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company.

1. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed Insured acquires for value of record the estate or interest or mortgage thereon covered by this Commitment.

2. It must be determined that there are no service, installation, maintenance or construction charges for sewer, water, electricity or garbage removal.

3. REQUIREMENTS: Instruments creating the estate or interest to be insured must be approved and filed for record.

4. GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$1,307.74
AMOUNT PAID:	-0-
AMOUNT DUE:	$1,307.74
TAX ACCOUNT NO.:	03-20-11-1-041
AFFECTS:	Southerly portion of Parcel A

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$1,916.10
AMOUNT PAID:	-0-
AMOUNT DUE:	$1,916.10
TAX ACCOUNT NOS.:	03-20-11-1-037 and 03-20-02-4-082
AFFECTS:	Portion of Parcel D and other property

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$394.72
AMOUNT PAID:	-0-
AMOUNT DUE:	$394.72
TAX ACCOUNT NO.:	03-20-11-1-038
AFFECTS:	Portion of Parcels B, C & D and other property

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED	$1,735.02
AMOUNT PAID:	-0-
AMOUNT DUE:	$1,735.02
TAX ACCOUNT NO.:	03-20-11-1-039
AFFECTS:	Northerly portion of Parcel A and other property

continued

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

(Schedule B continued)
Page 2

Policy Number _____
(Owner)

Policy Number A-40820
(Loan)

GENERAL TAXES: 1st half delinquent May 1, 2nd half delinquent November 1.

YEAR:	1987
AMOUNT BILLED:	$499.14
AMOUNT PAID:	-0-
AMOUNT DUE:	$499.14
TAX ACCOUNT NO.:	03-20-02-4-083
AFFECTS:	Northerly portion of Parcel C and other property

5. MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT BILLED:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Southerly portion of Parcel A

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Northerly portion of Parcel D and other property

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Portion of Parcels B, C & D and other property

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Northerly portion of Parcel A and other property

continued

(Schedule B continued)
page 3

Policy Number _____
Owner

Policy Number A-40820
Lender

MAINTENANCE ASSESSMENT:

YEAR:	1987
AMOUNT:	$11.25
AMOUNT PAID:	-0-
DISTRICT NO.:	23
FOR:	Drainage
AFFECTS:	Portion of Parcel C and other property

6. MORTGAGE AND THE TERMS AND CONDITIONS THEREOF:

MORTGAGOR:	Robert D. Jones and Donna P. Jones, husband and wife
MORTGAGEE:	Edward Gene Hull and Dnna Mae Hull, husband and wife
AMOUNT:	$25,000.00
DATED:	October 2, 1979
RECORDED:	October 5, 1979
RECORDING NO.:	2947836
AFFECTS:	Portion of Parcel C and other property

The amount now secured by said Mortgage and the terms upon which the same can be discharged or assumed should be ascertained from the holder of the indebtedness secured.

7. Unrecorded leaseholds, if any; rights of vendors and holders of security interests on personal property installed upon said property, and rights of tenants to remove trade fixtures at the expiration of the term.

8. UNRECORDED LEASE:

LESSOR:	VIP'S Restaurants, Inc.
LESSEE:	Union Oil Company of California, doing business as Unocal, a California corporation
DISCLOSED BY:	Instrument recorded under Recording No. 8703190234

We note amendment to said unrecorded lease dated July 1, 1986, recorded March 19, 1987 under Recording No. 8703190234. Copy attached.
AFFECTS: Parcel C and other property

continued

(Schedule B continued)
page 4

Policy Number _____
Owners

Policy Number A-40820
Loan

9. LEASE, AND THE TERMS AND CONDITIONS THEREOF:

LESSOR:	Washington Natural Gas Company
LESSEE:	VIPS Restaurants Inc.
DATED:	January 15, 1987
RECORDED:	April 22, 1987
RECORDING NO.:	8704220321

10. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	City of Tacoma, a municipal corporation, its successors and assigns
PURPOSE:	The right to erect, construct, operate and maintain a line or lines for the transmission of electric energy thereover for any and all purposes for which electric energy is now or may hereafter be used, with all necessary poles, towers, wires, cables, fixtures and appurtenances
AREA AFFECTED:	A strip of land 100 feet in width, within the westerly portion of said premises
DATED:	June 2, 1943
RECORDED:	June 22, 1943
RECORDING NO.:	1323757
AFFECTS:	Southerly portion of said premises

11. AN EASEMENT AFFECTING THE PORTION OF SAID PREMISES AND FOR THE PURPOSES STATED HEREIN, AND INCIDENTAL PURPOSES.

FOR:	Line or lines for the transmission of electric energy
IN FAVOR OF:	City of Tacoma
RECORDED:	June 23, 1943
AUDITOR'S NO.:	1323757
AFFECTS:	Parcels C and D

12. AN EASEMENT AFFECTING THE PORTION OF SAID PREMISES AND FOR THE PURPOSES STATED HEREIN, AND INCIDENTAL PURPOSES.

FOR:	Electric transmission line
IN FAVOR OF:	City of Tacoma
AFFECTS:	Parcels C and D
CONDEMNED IN:	Pierce County Superior Court Cause No. 88803

A copy of the Decree of Appropriation was filed with the Registrar under Auditor's No. 1342654.

continued

(Schedule B continued)
page 5

Policy Number _____ Owner
Policy Number A-40820 Loan

13. EASEMENT AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

BETWEEN:	ROBERT D. and DONNA P. JONES, husband and wife
AND:	VIP'S Restaurants, Inc.
DATED:	June 18, 1984
RECORDED:	August 13, 1984
RECORDING NO.:	8408130153
COPY ATTACHED	

14. EASEMENT, AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	City of Fife, a municipal corporation
PURPOSE:	For the construction, operation, maintenance and/or repair and/or replacement of sanitary sewer lines
AREA AFFECTED:	The easterly portion of Parcels C and D and other property
DATED:	April 7, 1986
RECORDED:	June 4, 1986
RECORDING NO.	8606040256

15. Relinquishment of access to State Route No. 5 also known as Primary State Highway No. 1, and of light, view and air.
BY: Deed to State of Washington
RECORDED: August 3, 1960
RECORDING NO.: 1896305
AFFECTS: Southerly portion of Parcel A

16. EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	Cable TV Puget Sound Inc.
PURPOSE:	Installation, operation, repair, maintenance and replacement of a cable television system, together with the right to sell and provide cable television services to the living units
AREA AFFECTED:	Portion of Parcels A, B, C and D
DATED:	July 30, 1986
RECORDED:	April 22, 1987
RECORDING NO.:	8704220366

17. Condemnation of access to State Route No. 5 also known as State Highway No. 1 and of light, view and air per Decree entered in Pierce County Superior Court Cause No. 142871.
AFFECTS: Parcel A

continued

(Schedule B continued)
page 6

Policy Number _____ Owners
A-40820
Policy Number _____ Loan

18. Restrictions contained in Warranty Deed recorded under Recording No. 8309060169, as follows:

Grantees agree not to construct buildings on subject property that would obstruct the view of the adjoining Nendel's Motel.

AFFECTS: Parcel A

19. The governmental regulatory powers in paragraph 1 and 2 of the Exclusions from Coverage, in addition to other governmental entities, include the Puyallup Tribe of Indians.

20. Disposition of matters disclosed by a survey or our inspection. A supplemental report will follow.

NOTE: Possible lien of sewer and water connection charge or late-comers charge levied by the City of Fife. Inquiry should be made to the City of Fife by the parties to this transaction at:

Fife City Hall
5209 Pacific Highway East
Fife, Washington 98424

Examined by: Jan C.
Typed by: LS

END OF SCHEDULE B

CC: Northwestern Title

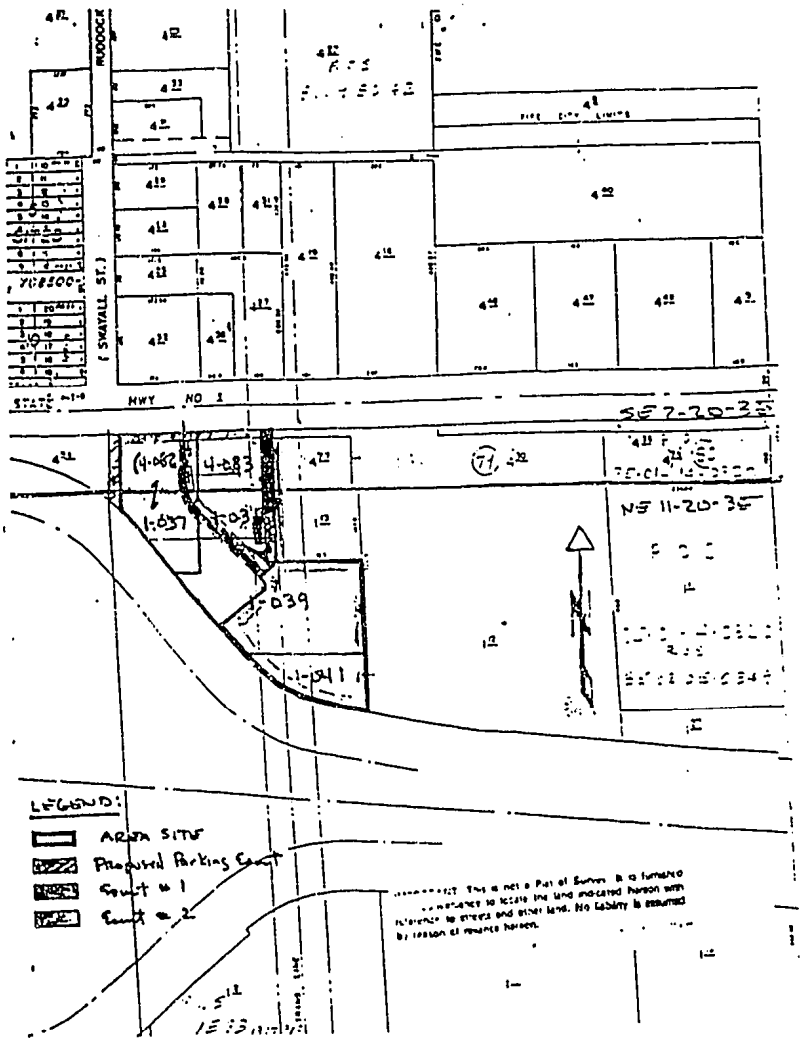
RUDDOCK
SKAYALL ST.
HWY NO 1
LEGEND:
Area Site
Proposed Parking Court
Court # 1
Court # 2

8705110218 VOL 0415 PAGE 1887

RECORDED FILE MAY 11 '87

A 40820

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE is made this 27th day of April, 1987, at Salem, Oregon between Inter-Pacific Development Compan, (hereinafter referred to as "Lessor") and VIP'S Restaurants, Inc. (hereinafter referred to as "Lessee").

THAT the Lessor, in consideration of the rent to be paid and the covenants to be performed by the Lessee as set forth in that certain Lease Agreement between the Lessor and the Lessee dated April 27, 1987, hereinafter called "the Agreement", and incorporated herein by reference, Lessor hereby leases to Lessee and Lessee hereby hires from Lessor, according to the terms of that Agreement and covered by the terms, covenants, conditions, limitations and restrictions therein contained, that real property described on EXHIBIT "A", attached hereto, together with that certain restaurant building and other improvements constructed, or to be constructed thereon.

The term of this lease shall commence on April 27, 1987, and shall end on April 1, 2007, together with two options of five years each.

The sole purpose of this instrument is to give notice of the aforesaid Lease Agreement and all its terms, covenants and conditions to the same extent as if said Lease Agreement were fully set forth herein.

LESSOR - INTER-PACIFIC DEVELOPMENT COMPANY

Pres.

Steven O Salmson - Sec.

LESSEE - VIP'S RESTAURANTS, INC.

Pres.

Steven O Salmson - Sec.

State of _____)
) SS.
County of _____)

Personally appeared the above named _____ and acknowledged the foregoing instrument to be _____ voluntary act and deed.

Before me:

Notary Public for _____
My Commission Expires: _____
Date: _____

EXCISE TAX EXEMPT DATE MAY 11 1987
Pierce County

By RCP Auth. Sig

97 MAY 11 A11:53

I - MEMORANDUM OF LEASE

NOTICE: If the film here is less clear than this notice it is due to the quality of the document being filmed.

State of Oregon)
) SS.
County of Marion)

Personally appeared the above named Bob L. Smith and Steven V. Johnson who, being first duly sworn, did say that they are the President and Secretary, respectively, of Inter-Pacific Development Co., a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his/her voluntary act and deed.

Diane L. Toman
DIANE L. TOMAN
NOTARY PUBLIC OREGON
My Commission Expires 2-18-89

Before me:

Notary Public for
My Commission Expires:
Date:

State of Oregon)
) SS.
County of Marion)

Personally appeared the above named Bob L. Smith and Steven V. Johnson who, being first duly sworn, did say that they are the President and Secretary, respectively, of Vip's Restaurants, Inc., a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his/her voluntary act and deed.

Diane L. Toman
DIANE L. TOMAN
NOTARY PUBLIC OREGON
My Commission Expires 2-18-89

Before me:

Notary Public for
My Commission Expires:
Date:

NOTICE: If the text below is less clear than this notice it is due to the quality of the document being filmed.

8706180325

VOL 0425 PAGE 1774

RAINIER TITLE COMPANY
Tacoma, Washington 98402

R.T.C.
87-23999

THIS SPACE PROVIDED FOR RECORDER'S USE:

JUN 18 1987

FILED FOR RECORD AT REQUEST OF
Oregon Title Insurance Co.
1515 SW Fifth, Ste 105
Portland, Or. 97201

WHEN RECORDED RETURN TO

Name Inter-Pacific Development Co.

Address PO Box 2508

City, State, Zip Salem, Or. 97308

PAID $ 1033.50

Statutory Warranty Deed

THE GRANTOR TEDDY N. MOORE, as Trustee under the Marital Trust Agreement of Teddy N. Moore dated September 6, 1979 as to an undivided one-half interest, and TEDDY N. MOORE, as Trustee under the Family Trust Agreement of Teddy N. Moore dated September 6, 1979, as to an undivided one-half interest, as Tenants in Common

for and in consideration of

Sixty Five Thousand and no/100----------($65,000.00)----------

in hand paid, conveys and warrants to

INTER-PACIFIC DEVELOPMENT CO., an Oregon corporation

the following described real estate, situated in the County of Pierce, State of Washington:

Commencing at the Northwest corner of Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East, W.M., in Pierce County, Washington;
Thence South 88 degrees 02 minutes 46 seconds East along the North line of said subdivision, a distance of 332.10 feet; thence South 00 degrees 55 minutes 45 second West, parallel to the East line of the 15 acres of said subdivision, a distance of 137.55 feet; thence South 88 degrees 02 minutes 46 seconds East parallel to the North line of said subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said subdivision of and the true point of beginning:
thence continuing South 88 degrees 02 minutes 46 seconds East a distance of 65.00 feet; thence South 03 degress 39 minutes 20 seconds West a distance of 329.63 feet to the Northerly line of the property conveyed to the State of Washington for PSH #1 by deed recorded August 3, 1960 under Auditor's Fee No. 1896305; thence Westerly and Northerly along said North line of property conveyed to State of Washington, North 76 degree 51 minutes 45 seconds West 57.48 feet to a point on the Easterly line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11; thence North 00 degrees 55 minutes 45 seconds East along said Easterly line of the West 15 acres, 306.46 feet, more or less, to the point of beginning.
Situated in the County of Pierce, State of Washington.
SUBJECT TO THOSE COVENANTS DESCRIBED IN ATTACHED EXHIBIT "A" WHICH IS INCORPORATED HEREIN

Dated June 16, 1987

x Teddy N. Moore
Teddy N. Moore, as Trustee of the Marital Trust Agreement dated September 6, 1979

x Teddy N. Moore
Teddy N. Moore, as Trustee of the Family Trust Agreement dated September 6, 1979

STATE OF ~~WASHINGTON~~ Oregon
COUNTY OF Multnomah } ss.

On this day personally appeared before me

Teddy N. Moore, as Trustee

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 16th day of June, 1987

Notary Public in and for the State of ~~Washington, residing at~~ Oregon

My Commission Expires: 12/30/88

Form 3150-1 (Washington)

STATE OF WASHINGTON
COUNTY OF } ss.

On this day of, 19, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared

and

to me known to be the President and Secretary, respectively, of the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at

EXHIBIT "A"

This property is subject to the following perpetual restrictive covenants which shall be a burden on the land described herein and a benefit to the land of the Grantor which is described on the attached Exhibit "B":

1. The Grantee, his heirs, successors and assigns, shall not construct on the land described herein any buildings, structures, or other obstacles which will obstruct or impair the view of the adjoining Nendels Motel which is located on the land described on the attached Exhibit "B".

2. When the Grantee improves the land described herein and uses the property, the Grantee, his heirs, successors and assigns shall construct at his sole expense a fence along the entire length of the East property line which line divides the land and the property described on the attached Exhibit "B". The fence shall be consturcted in a good and workmanlike manner in accordance with all applicable building codes, zoning ordinances and statutes. Further, the Grantor and Grantee shall agree to the specifications of the fence, including without limitation, the height and type of material to be utilized.

Teddy N. Moore, Trustee of
the Marital Trust Agreement
dated September 6, 1979

Teddy N. Moore, Trustee of
the Family Trust Agreement
dated September 6, 1979

Inter-Pacific Development Co.

By: _____
Vice President

EXHIBIT "B"

BEGINNING AT THE NORTHEAST CORNER OF THE WEST 30 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., THENCE SOUTH ALONG THE EAST LINE OF SAID WEST 30 ACRES TO THE NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED AUGUST 3, 1960 UNDER AUDITOR'S FEE NO. 1896305;

THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO STATE OF WASHINGTON TO A POINT 322.50 FEET SOUTH OF THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER;
THENCE EASTERLY ON A LINE PARALLEL WITH THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER, A DISTANCE OF APPROXIMATELY 237.83 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11;
THENCE NORTH ALONG SAID EAST LINE OF THE WEST 15 ACRES A DISTANCE OF APPROXIMATELY 322.50 FEET TO THE NORTH LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11;
THENCE EASTERLY ALONG SAID NORTH LINE, A DISTANCE OF APPROXIMATELY 495 FEET TO THE POINT OF BEGINNING.
EXCEPT THE FOLLOWING DESCRIBED PROPERTY:

COMMENCING AT THE NORTHWEST CORNER OF NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY WASHINGTON;
THENCE SOUTH 88°02'46" EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00°55'45" WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SAID SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88°02'46" EAST PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION OF AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88°02'46" EAST A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03°39'20" WEST A DISTANCE OF 329.63 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR PSH #1 BY DEED RECORDED AUGUST 3, 1960 UNDER AUDITOR'S FEE NO. 1896305;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO STATE OF WASHINGTON, THE FOLLOWING THREE COURSES AND DISTANCES:

NORTH 76°51'45" WEST 117.35 FEET;
THENCE AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13°08'15" EAST HAVING A CENTRAL ANGLE OF 39°17'30" A RADIUS OF 309.30 FEET, AN ARC DISTANCE OF 212.11;
THENCE NORTH 37°34'15" WEST ALONG THE NORTHEASTERLY RIGHT-OF-WAY MARGIN A DISTANCE OF 4.21 FEET TO AN EXTENSION OF A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION;
THENCE SOUTH 88°02'46" EAST ALONG A LINE 322.50 FEET SOUTH OF AND PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 237.83 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE NORTH 00°55'45" EAST ALONG THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION 185.00 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH EASEMENT RIGHTS GRANTED BY PUGET SOUND POWER AND LIGHT COMPANY AND SET FORTH IN INSTRUMENTS UNDER RECORDING NUMBERS 1539432 AND 2238042.

ALL SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

NOTICE: If the clarity of this document is not as good as the quality of the original, it is due to the quality of the original.

VOL 468 PAGE 1864

8801290361

Chicago Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE:

88 JAN 29 PM 3:28

AUDITOR PIERCE CO. WASH.

FILED FOR RECORD AT REQUEST OF

CHICAGO TITLE JAN 29 '88

WHEN RECORDED RETURN TO

Name Inter-Pacific Development Company

Address P.O. Box 2508

City, State, Zip Salem, Oregon 97308

50720

Statutory Warranty Deed

THE GRANTOR VIP'S Industries, Inc. (formerly known as VIP'S Restaurants, Inc.), an Oregon corporation

for and in consideration of $10.00 (an inter-company transfer)

in hand paid, conveys and warrants to Inter-Pacific Development Company, an Oregon corporation

the following described real estate, situated in the County of Pierce, State of Washington:

See Exhibit A.

Subject to any and all liens, encumbrances and exceptions of record.

EXCISE TAX PAID $ 0
Re. No. 696270 Date 1-29-88
Pierce County
By _____ Auth. Sig

Dated effective January 1, 1987

VIP'S Industries, Inc.
By: Steven V. Johnson
Title: Vice President

STATE OF WASHINGTON
COUNTY OF _____ } ss.

On this day personally appeared before me

to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that _____ signed the same as _____ free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this _____ day of _____, 19____

Notary Public in and for the State of Washington, residing at _____

STATE OF ~~WASHINGTON~~ OREGON
COUNTY OF Marion } ss.

On this 10th day of December, 1987 before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Steven V. Johnson and _____, to me known to be the ~~President and~~ _____ Secretary, ~~respectively~~, of VIP'S Industries, Inc. the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Diane Beyer - Comm. Exp. 10-15-91

Notary Public in and for the State of ~~Washington~~ Oregon, residing at Salem

6

F. 9235 R. 11/84
LPB-10

8801290361

EXHIBIT A

PARCEL A:

That portion of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East of the W.M. in Pierce County, Washington, described as follows:

Commencing at the northwest corner of the northeast quarter of the northeast quarter of said Section 11;
thence south 88°02'46" East along the north line of said subdivision, a distance of 185.00 feet;
thence south 0°55'45" West, a distance of 160.00 feet;
thence north 88°02'46" West, a distance of 58.91 feet to the northerly line of tract appropriated by the State of Washington in Pierce County Superior Court Case #142871;
thence south 37°34'15" East along said northerly line of tract, a distance of 210.70 feet to a point 322.5 feet south of the north line of said subdivision and the true point of beginning;
thence south 88°02'46" East along a line 322.5 feet south of the north line of said subdivision, a distance of 237.83 feet to the east line of the west 15 acres of the northeast quarter, of the northeast quarter of said Section 11;
thence south 0°55'45" West along the east line of said west 15 acres, a distance of 121.46 feet to the northerly right of way margin of I-5 which is 100 feet at right angles from the CL 23 line;
thence north 76°51'45" West along said northerly right of way line, a distance of 59.97 feet to a point of curve;
thence continuing along said northerly right of way margin around a curve to the right, the center of which bears north 13°08'15" East, having a radius of 309.30 feet, containing a central angle of 39°17' 30", an arc distance of 212.11 feet;
thence continuing along said northerly right of way margin, north 37°34'15" West, a distance of 4.21 feet to the true point of beginning.

PARCEL B:

Beginning at a point on the north line of Section 11, Township 20 North, Range 3 East of the W.M., 20 feet east of the northwest corner of the northeast quarter of the northeast quarter of said Section 11, said point being on the east right of way line of Ruddock Road;
thence north 100 feet, parallel with the west line of the southeast quarter of the southeast quarter of Section 2, Township 20 North, Range 3 East of the W.M.;
thence east 165 feet parallel with the north line of said Section 11;
thence south 260 feet;
thence west 60 feet to the northerly line of a tract of land appropriated by the State of Washington by Decree entered in Pierce County Superior Court Cause No. 142871;
thence on said northerly line northwesterly 165 feet, more or less, to the east right of way line of Ruddock Road;
thence north 34 feet along said east right of way line to the point of beginning.

TOGETHER WITH those easement rights granted in instruments recorded January 10, 1983 under Recording Nos. 8301100174 and 8301100175.

PARCEL C:

Commencing at the northwest corner of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East of the W.M., in Pierce County, Washington; thence East along the North line of said subdivision 185 feet to the true point of beginning; thence South 160 feet; thence West 60 feet to the Northerly line of tract appropriated by the State of Washington in Pierce County Superior Court Case No. 142871; thence Southeasterly along said northerly line of tract to a point 322.5 feet south of the north line of said section; thence east parallel to the north line of said section, 245 feet more or less to the east line of the west 15 acres of the northeast quarter of the northeast quarter of said Section 11; thence north along the east line of said 15 acres, 185 feet; thence west parallel with the north line of said section 163 feet; thence north parallel with the east line of said 15 acres, 137.5 feet to the north line of said section; thence west to the point of beginning.

PARCEL D:

The east 155.03 feet of the west 340.03 feet of the south 100 feet of the southeast quarter of the southeast quarter of Section 2, Township 20 North, Range 3 East of the W.M., in Pierce County, Washington
An easement for ingress and egress over the west 20 feet of a 40 foot access roadway as granted in that certain easement dated January 7, 1983 between Gasamat Oil Corp. of Colorado and Pat Griffin Co. recorded under Auditor's No. 8301100175, records of Pierce County, Washington.

PARCEL E:

That portion of the West 20 feet (Ruddock Road) of the Southeast quarter of the southeast quarter and the northeast quarter of the northeast quarter of Sections 2 and 11, Township 20 North, Range 3 East of W.M. respectively lying southerly of the northerly line of Puget Sound Electric Railway right-of-way and lying northerly of the northerly right-of-way of SR5 (Primary State Highway No. 1).

PARCEL F:

That portion of the Southeast one-quarter of the southeast one-quarter of Section 2, Township 20 North, Range 3 East, W.M., lying northerly of the Puget Sound Electric Railway right-of-way, as said right-of-way was located May 25, 1923, lying Southerly of that highway right-of-way line drawn parallel with and 50 feet southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), (as shown on Sheet 10 of that certain plan entitled SR 99 (PSH No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923), and westerly of the east line of the west 340.03 feet of the southeast one-quarter of the southeast one-quarter of said Section 2.

AUDITOR'S NOTE
LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

8801290361

8805100442 VOL 484 PAGE 521

RECORDATION REQUESTED BY:

88 MAY 10 PM 2:33

FILED AND RECORDED
BRIAN SOWINAS
AUDITOR PIERCE CO. WASH.

AFTER RECORDATION RETURN TO:

Foodmaker, Inc.
P.O. Box 783
San Diego, CA 92112
Attention: Shirley Heller

Phone: (619) 571-2426

RETURN BY: MAIL (X) PICK UP ( )

RECEIVED MAY 10 '88
49250

#
Pacific Hwy &
Port of Tacoma

MEMORANDUM OF LEASE

This Memorandum of Lease is made as of this 30th day of September, 1987, between INTER-PACIFIC DEVELOPMENT COMPANY, an Oregon Corporation, hereinafter called "Landlord" and FOODMAKER, INC., a Delaware corporation, having an office for business at 9330 Balboa Avenue, San Diego, California 92123, hereinafter called "Tenant".

In consideration of One Dollar ($1.00) and other valuable consideration paid by Tenant to Landlord and the mutual covenants contained in that certain Lease between the parties hereto dated August 13, 1987, hereinafter called the "Agreement", Landlord has leased and does hereby lease to Tenant, and Tenant has hired and does hereby hire from Landlord, upon the terms and conditions set forth in said Agreement, the real property more particularly described in Exhibit "A" attached hereto and made a part hereof.

The term of this Lease is twenty (20) years commencing no later than November 2, 1988, and ending no later than November 1, 2008. Said Agreement provides for options to renew for three (3) five (5) year terms and contains the Right of First Refusal to Lease the Demised Premises, during the term of said Agreement and any extension or renewal thereof.

LANDLORD:

INTER-PACIFIC DEVELOPMENT COMPANY, an Oregon corporation

By: _____

By: Vice President

TENANT:

FOODMAKER, INC.
a Delaware corporation

By: _____
Vice President

By: _____
Assistant Secretary

2647H

8805100442

(Corporation)

STATE OF ~~CALIFORNIA~~ Oregon)
) ss.
COUNTY OF Marion)

On October 8, 1987, before me, the undersigned, a Notary Public in and for said State, personally appeared Steven V. Johnson and _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons who executed the within instrument as Vice President and _____ Secretary, on behalf of Inter-Pacific Development Company, the corporation therein named, and acknowledged to me that said corporation executed the within instrument pursuant to its bylaws or a resolution of its Board of Directors.

WITNESS my hand and official seal.

Diane L. Toman
DIANE L. TOMAN
NOTARY PUBLIC OREGON
My Commission Expires 2-18-89

Signature_____
notorial

(This area for official seal)

STATE OF CALIFORNIA)
) SS.
COUNTY OF SAN DIEGO)

On 9-30, 1987, before me, the undersigned, a Notary Public in and for said State, personally appeared Leo T. Monsen and John H. Craig, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons who executed the within instrument as Vice President and Assistant Secretary, on behalf of FOODMAKER, INC., the corporation therein named, and acknowledged to me that said corporation executed the within instrument pursuant to its bylaws or a resolution of its Board of Directors.

WITNESS my hand and official seal.

OFFICIAL SEAL
JULIE A. GROVER
Notary Public-California
Principal Office In
San Diego County
My Comm. Exp. May 17, 1988

Signature_____

(This area for official notorial seal)

2647H

8805100442

#52-01-8447
Fife, Washington

EXHIBIT "B"

PARCEL A:

THAT PORTION of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East, and of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, in the City of Fife, Pierce County, Washington, described as follows:

Beginning at the intersection of the West line of the Northeast quarter of the Northeast quarter of said Section 11 with the Northerly line of a tract of land appropriated by the State of Washington by Decree entered in Pierce County Superior Court Cause number 142871 for Interstate 5;

THENCE North 00° 55' 45" East along said West line, 16.36 feet to the Northwest corner of said subdivision and the Southwest corner of the Southeast quarter of the Southeast quarter of said Section 2;

THENCE North 02° 20' 33" East along the West line of the Southeast quarter of the Southeast quarter of said Section 2, 118.70 feet to the Southerly margin of Pacific Highway East as it now exists after vacation of a portion by City of Fife Ordinance No. 910 as recorded with the Pierce County Auditor under recording number 8705260307;

THENCE South 88° 18' 45" East along said Southerly margin 160.01 feet;

THENCE South 02° 20' 33" West parallel with the West line of the Southeast quarter of the Southeast quarter of said Section 2, 135.81 feet to a point which lies on a line which is parallel with the North line of the Northeast quarter of the Northeast quarter of said Section 11 and passes through the true point of beginning;

THENCE North 86° 02' 46" West, 159.60 feet to the true point of beginning of terminus of this description.

PARCEL B:

A 25' wide non-exclusive easement for ingress and egress lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said 25' wide easement lying 12.50 feet on each side of the following described centerline.

COMMENCING at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2;

THENCE along the West line thereof North 02° 20' 33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway);

THENCE along said Southerly line South 88° 18' 46" East 172.51 feet to the true point of beginning of this centerline description:

THENCE South 02° 20' 33" West 84.86 feet to the beginning of a curve concave to the Northeast having a radius of 91.00 feet;

INITIALS SOJ

INITIALS

8805100442

2961H

THENCE Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40° 42' 10";

THENCE South 38° 21' 37" East 183.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61° 04' 43" West 348.35 feet, distant.

The sidelines of this easement shall be so shortened or lengthened so as to terminate in said Southerly highway right of way line.

Situated in the City of Fife, County of Pierce, State of Washington.

RESERVING THEREFROM, for the benefit of landlord, its successors and assigns, the right to maintain all underground utilities, including water, sanitary sewer, storm, electrical and vaults lying within Parcel A.

ALSO RESERVING THEREFROM, for the benefit of landlord, its successors assigns, tenants, subtenants, business invitees, customers, employees and guests, a non-exclusive easement for ingress and egress over and upon the accessways located within the Southeast corner of Parcel A above.

8902080122

REAL PROPERTY

VOL. 0529 PAGE 0096

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE is made this 30th day of January, 1989, at Salem, Oregon between Inter-Pacific Development Company (hereinafter referred to as "Lessor") and Brisco, Inc. (hereinafter referred to as "Lessee").

THAT the Lessor, in consideration of the rent to be paid and the covenants to be performed by the Lessee as set forth in that certain Lease Agreement between the Lessor and the Lessee dated January 30, 1989, hereinafter called "the Agreement", and incorporated herein by reference, Lessor hereby leases to Lessee and Lessee hereby hires from Lessor, according to the terms of that Agreement and covered by the terms, covenants, conditions, limitations and restrictions therein contained, that real property described on EXHIBIT "A", attached hereto, together with that certain restaurant building and other improvements constructed, or to be constructed thereon.

The term of this lease shall commence on February 1, 1989, and shall end on December 31, 1993, together with two (2) options of five (5) years each. *Cross-breached with Personal Property Lease of the same date.

The sole purpose of this instrument is to give notice of the aforesaid Lease Agreement and all its terms, covenants and conditions to the same extent as if said Lease Agreement were fully set forth herein.

LESSOR: Inter-Pacific Development Company

Vice Pres / Sec

LESSEE: Brisco, Inc.

Brisco Inc.

State of WASHINGTON)
) SS.
County of PIERCE)

Personally appeared the above named Ronald H. Brisendine and acknowledged the foregoing instrument to be His voluntary act and deed.

Before me:

Notary Public for State of Washington
My Commission Expires: 8/20/92
Date: January 27, 1989.

UIP's Restaurants
PO Box 2508
Salem OR 97308

I - MEMORANDUM OF LEASE

8902080122

State of WASHINGTON)
) SS.
County of PIERCE)

Personally appeared the above named RONALD H. BRISCOMBE and _____ who, being first duly sworn, did say that ~~they~~ he/he are the PRESIDENT and _____, respectively, of WILBRISCO, INC., a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his/her voluntary act and deed.

Before me:

Robert W. Williams

Notary Public for STATE OF WASHINGTON
My Commission Expires: 8/20/92
Date: JANUARY 27, 1989

State of Oregon)
) SS.
County of Marion)

Personally appeared the above named Steven V. Johnson ~~and~~ _____ who, being first duly sworn, did say that ~~they~~ he is ~~are~~ the Vice President ~~and~~ _____, ~~respectively~~ of Inter-Pacific Development Company, a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his/her voluntary act and deed.

Before me:

Diane Beyer

Notary Public for Oregon
My Commission Expires: 10-15-91
Date: January 30, 1989

89 FEB -8 AM 9:27

II - MEMORANDUM OF LEASE

8902080122

EXHIBIT A-1
SITE PLAN

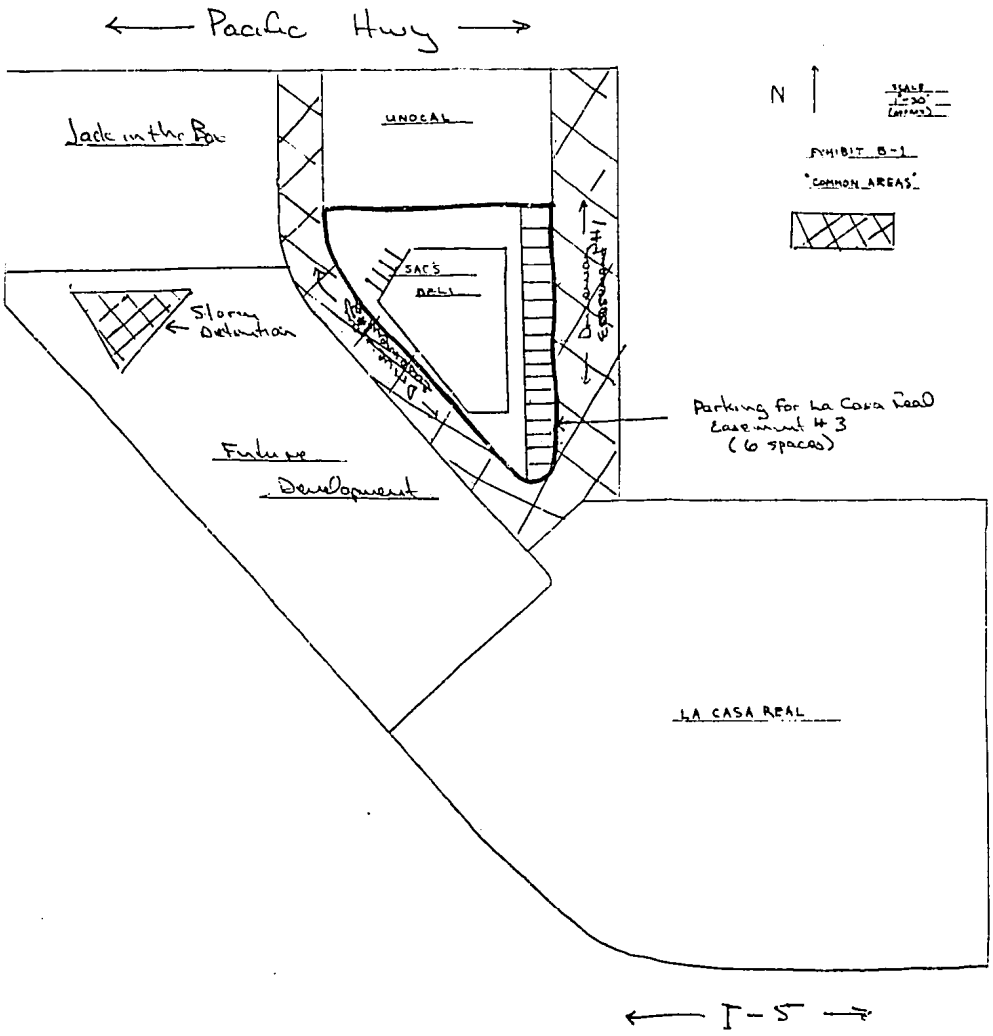

EXHIBIT A-2

LEGAL DESCRIPTION

SAC'S DELI/GROCERY PARCEL

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (P.S.H. NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE S88°18'46"E 340.05 FEET;
THENCE S02°20'33"W 85.00 FEET;
THENCE N88°18'46"W 20.00 FEET TO THE WEST LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF PIERCE COUNTY, WASHINGTON AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID WEST LINE S02°20'33"W 153.22 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET (A RADIAL LINE THROUGH SAID BEGINNING BEARS S57°56'18"E);
THENCE SOUTHWESTERLY AND WESTERLY 28.69 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 109°34'41";
THENCE N38°21'37"W 144.24 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 68.50 FEET;
THENCE NORTHWESTERLY AND NORTHERLY 48.66 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10" TO THE SOUTHEAST CORNER OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8703190234, RECORDS OF SAID COUNTY;
THENCE ALONG A NON-TANGENT LINE S88°18'46"E 135.04 FEET TO THE TRUE POINT OF BEGINNING AND CONTAINING 13,794 SQUARE FEET, MORE OR LESS.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

PAUL S. ANDERSON
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL LAND SURVEYOR

12-24-87

8902080122

— Together with, Easement #1 (Driveway)

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES 20 MINUTES 33 SECONDS EAST 114.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88 DEGREES 18 MINUTES 46 SECONDS EAST 349.03 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02 DEGREES 20 MINUTES 33 SECONDS WEST 30.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8106130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88 DEGREES 03 MINUTES 46 SECONDS EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02 DEGREES 20 MINUTES 33 SECONDS WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88 DEGREES 03 MINUTES 46 SECONDS WEST 31.54 FEET; THENCE LEAVING SAID SOUTH LINE SOUTH 51 DEGREES 38 MINUTES 23 SECONDS WEST 19.00 FEET;
THENCE NORTH 38 DEGREES 21 MINUTES 37 SECONDS WEST 38.92 FEET TO A POINT OF CURV WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;

THENCE EASTERLY, NORTHEASTERLY AND NORTHERLY 28.49 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109 DEGREES 36 MINUTES 43 SECONDS TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8106130153, RECORDS OF SAID COUNTY; THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02 DEGREES 20 MINUTES 33 SECONDS EAST 238.31 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE; THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260301, SOUTH 88 DEGREES 18 MINUTES 46 SECONDS EAST 30.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATED IN CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

— Together with, Easement #2 (Driveway)

A 25 FEET WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN, SAID 25 FEET WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES 20 MINUTES 33 SECONDS EAST 114.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88 DEGREES 18 MINUTES 46 SECONDS EAST 173.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE SOUTH 03 DEGREES 20 MINUTES 33 SECONDS WEST 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.59 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40 DEGREES 43 MINUTES 10 SECONDS;
THENCE SOUTH 38 DEGREES 23 MINUTES 17 SECONDS EAST 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER BEARS NORTH 61 DEGREES 04 MINUTES 43 SECONDS WEST 148.35 FEET, DISTANT.

(THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT OF WAY LINE.)

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

Excepting, Easement #3 (Parking - La Casa Real)

A NON-EXCLUSIVE EASEMENT FOR PARKING, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;
THENCE ALONG THE NORTH LINE THEREOF SOUTH 88 DEGREES 03 MINUTES 46 SECONDS EAST 102.86 FEET TO THE EASTERLY FACE AN EXISTING CONCRETE CURB;
THENCE ALONG SAID EASTERLY FACE SOUTH 01 DEGREES 27 MINUTES 36 SECONDS WEST 40.83 FEET TO THE TRUE POINT OF BEGINNING OF THIS EASEMENT DESCRIPTION;
THENCE SOUTH 88 DEGREES 32 MINUTES 24 SECONDS EAST 19.00 FEET;
THENCE SOUTH 01 DEGREES 27 MINUTES 36 SECONDS WEST 51.00 FEET;
THENCE NORTH 88 DEGREES 32 MINUTES 24 SECONDS WEST 18.00 FEET TO SAID EASTERLY FACE;
THENCE ALONG SAID EASTERLY FACE NORTH 01 DEGREES 27 MINUTES 36 SECONDS EAST 54.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATED IN CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON

A-2/Page 2

AUDITOR'S NOTE
LEGIBILITY FOR RECORDING AND COPYING UNSATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

8902080122

RE-RECORD

8912290709

0552L

DEED

VOL. 0585 PAGE 0665

9001240191

VOL. 0588 PAGE 3571

Inter-Pacific Development Company, an Oregon corporation, ("Grantor") conveys to The Salem Group Joint Venture, an Oregon partnership, ("Grantee") all of Grantor's right, title and interest in and to that real property, including improvements thereon and appurtenances thereto, situated in the City of Fife, County of Pierce, State of Washington, more particularly described on Exhibit One, attached hereto and incorporated by this reference as if fully set forth herein ("Property").

Said Property is conveyed by Grantor to Grantee free from all encumbrances except easements, liens, encumbrances, adverse claims and other matters, if any, of record as of the date of this Deed.

The actual consideration for this transfer consists of or includes other property or other value given or promised, which other property or value was the whole consideration given.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

Done by order of the Grantor's Board of Directors with its corporate seal affixed on the 28th day of December, 1989.

GRANTOR: INTER-PACIFIC DEVELOPMENT COMPANY

By: _____

Title: President & Secretary

EXCISE TAX PAID $ 0
Re. No. 144840 Date 12-29-89
Pierce County
By E Drury Auth. Sig

EXCISE TAX PAID $ 29790.16
Re. No. 746427 1-04-90

STATE OF OREGON)
) SS.
County of Marion)

Personally appeared the above named Steven V. Johnson who, being first duly sworn, did say that he is the President and Secretary of Inter-Pacific Development Company, a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and each of them acknowledged said instrument to be his voluntary act and deed.

DIANE BEYER NOTARY PUBLIC STATE OF OREGON

Before me:

Diane Beyer
Notary Public for Oregon
My Commission Expires: 10-15-91

Grantor: Inter-Pacific Development Company
280 Liberty Street S.E., Suite 390
Salem, Oregon

89 DEC 29 PM 3:23

DEC 29 1989

Grantee: The Salem Group Joint Venture
3521 Augusta National Drive S.
Salem, Oregon 97302

26

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9001240191

8912290709

After recording return to:

VOL. 0585 PAGE 0666
VOL. 0588 PAGE 3572

The Salem Group Joint Venture
3521 Augusta National Drive S.
Salem, Oregon 97302

Until a change is requested, all tax statements shall be sent to the following address:

The Salem Group Joint Venture
3521 Augusta National Drive S.
Salem, Oregon 97302

This Deed is being re-recorded to to correct excise tax information. (Deed previously recorded on December 29, 1989 under Recording Number 8912290709 in records of Pierce County Auditor, Tacoma, Washington)

90 JAN 24 AM 11:01
PIERCE CO WASH

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EXHIBIT ONE
(18 pages)

PARCEL A
(La Casa Real & Parking)

That portion of the northeast quarter of the northeast quarter of Section 11, Township 20 North, Range 3 East, W.M., in Pierce County, Washington, more particularly described as follows:

Commencing at the northwest corner of said subdivision;
thence along the northerly line thereof South 88°02'46" east 332.10 feet;
thence south 00°55'45" west 137.55 feet to the true point of beginning;
thence south 88°02'46" east 163.00 feet to the east line of the west 15 acres of said subdivision;
thence along said east line south 00°55'45" west 306.46 feet to the northerly right-of-way margin of State Route 5 (Primary State Highway #1) which is 100 feet at right angles from the CL 23 line;
thence north 76°51'45" west along said northerly right-of-way line, a distance of 59.87 feet, to a point of curve;
thence continuing along said northerly right-of-way margin around a curve to the right, the center of which bears north 13°08'15" east having a radius of 309.30 feet, containing a central angle of 39°17'30" an arc distance of 212.11 feet;
thence continuing along said northerly right-of-way margin north 37°34'15" west 70.84 feet;
thence leaving said margin north 50°18'03" east 121.37 feet to the beginning of a curve concave to the west having a radius of 6.00 feet;
thence northeasterly, northerly and northwesterly 9.28 feet along said curve through a central angle of 88°39'40";
thence north 38°21'37" west 19.31 feet;
thence north 51°38'23" east 46.09 feet to the true point of beginning.

Situate in the City of Fife, County of Pierce, State of Washington.

Together with a parcel described as follows:

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COMMENCING AT THE NORTHWEST CORNER OF NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00 DEGREES 55 MINUTES 45 SECONDS WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SAID SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST PARALLEL TO THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION OF AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88 DEGREES 02 MINUTES 46 SECONDS EAST A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03 DEGREES 39 MINUTES 20 SECONDS WEST A DISTANCE OF 329.63 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR FSH #1 BY DEED RECORDED AUGUST 3, 1960 UNDER AUDITOR'S FEE NO. 1896305;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO STATE OF WASHINGTON, NORTH 76 DEGREES 51 MINUTES 45 SECONDS WEST 57.48 FEET TO A POINT ON THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11;
THENCE NORTH 00 DEGREES 55 MINUTES 45 SECONDS EAST ALONG SAID EASTERLY LINE OF THE WEST 15 ACRES, 306.46 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

TOGETHER WITH A NON-EXCLUSIVE DRIVEWAY EASEMENT FOR INGRESS AND EGRESS PURPOSES OVER AND UPON THE PROPERTY DESCRIBED IN EXHIBIT A ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

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EXHIBIT A

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 36.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

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TOGETHER WITH

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A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

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PARCEL B

(SAC'S DELI/GROCERY PARCEL)

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (P.S.H. NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE S88°18'46"E 340.05 FEET;
THENCE S02°20'33"W 85.00 FEET;
THENCE N88°18'46"W 20.00 FEET TO THE WEST LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF PIERCE COUNTY, WASHINGTON AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID WEST LINE S02°20'33"W 153.22 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET (A RADIAL LINE THROUGH SAID BEGINNING BEARS S57°56'18"E);
THENCE SOUTHWESTERLY AND WESTERLY 28.69 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 109°34'41";
THENCE N38°21'37"W 144.24 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 68.50 FEET;
THENCE NORTHWESTERLY AND NORTHERLY 48.66 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10" TO THE SOUTHEAST CORNER OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8703190234, RECORDS OF SAID COUNTY;
THENCE ALONG A NON-TANGENT LINE S88°18'46"E 135.04 FEET TO THE TRUE POINT OF BEGINNING AND CONTAINING 13,794 SQUARE FEET, MORE OR LESS.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

TOGETHER WITH A NON-EXCLUSIVE DRIVEWAY EASEMENT FOR INGRESS AND EGRESS PURPOSES OVER AND UPON THE PROPERTY DESCRIBED IN EXHIBIT A ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

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EXHIBIT A

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

9001240191

TOGETHER WITH

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A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

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PARCEL C

(UNOCAL)

That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 185.00 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 155.04 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 155.04 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

Reserving therefrom, to lessor, its successors and assigns, a non-exclusive driveway easement for ingress and egress purposes only, over and across that portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on Sheet 10 of that certain plan entitled Sr. 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 320.04 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 20.00 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 20 feet; thence North 2°20'33" East, 85.00 feet to the true point of beginning.

TOGETHER WITH A NON-EXCLUSIVE DRIVEWAY EASEMENT FOR INGRESS AND EGRESS PURPOSES OVER AND UPON THE PROPERTY DESCRIBED IN EXHIBIT A ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

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8912290709

EXHIBIT A

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

9001240191

TOGETHER WITH

8912290709

A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

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PARCEL D

(JACK-IN-THE-BOX)

THAT PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST, AND OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN, IN THE CITY OF FIFE, PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE WEST LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11 WITH THE NORTHERLY LINE OF A TRACT OF LAND APPROPRIATED BY THE STATE OF WASHINGTON BY DECREE ENTERED IN PIERCE COUNTY SUPERIOR COURT CAUSE NUMBER 142871 FOR INTERSTATE 5;
THENCE NORTH 00 DEGREES 55 MINUTES 45 SECONDS EAST ALONG SAID WEST LINE, 16.36 FEET TO THE NORTHWEST CORNER OF SAID SUBDIVISION AND THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2;
THENCE NORTH 02 DEGREES 20 MINUTES 33 SECONDS EAST ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2, 118.70 FEET TO THE SOUTHERLY MARGIN OF PACIFIC HIGHWAY EAST AS IT NOW EXISTS AFTER VACATION OF A PORTION BY CITY OF FIFE ORDINANCE NO. 910 AS RECORDED WITH THE PIERCE COUNTY AUDITOR UNDER RECORDING NUMBER 8705260307;
THENCE SOUTH 88 DEGREES 18 MINUTES 45 SECONDS EAST ALONG SAID SOUTHERLY MARGIN 160.01 FEET;
THENCE SOUTH 02 DEGREES 20 MINUTES 33 SECONDS WEST PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2, 135.81 FEET TO A POINT WHICH LIES ON A LINE WHICH IS PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11 AND PASSES THROUGH THE TRUE POINT OF BEGINNING;
THENCE NORTH 88 DEGREES 02 MINUTES 46 SECONDS WEST, 159.60 FEET TO THE TRUE POINT OF BEGINNING OF TERMINUS OF THIS DESCRIPTION.

TOGETHER WITH A NON-EXCLUSIVE DRIVEWAY EASEMENT FOR INGRESS AND EGRESS PURPOSES OVER AND UPON THE PROPERTY DESCRIBED IN EXHIBIT A ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

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8912290709

EXHIBIT A

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

9001240191

TOGETHER WITH

8912290709

A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

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PARCEL E

(COMMON AREAS)

PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 85.00 FEET TO THE TRUE POINT OF BEGINNING;
THENCE CONTINUING S02°20'33"W 35.28 FEET TO THE SOUTH LINE OF SAID SECTION 2;
THENCE ALONG SAID SOUTH LINE N88°02'46"W 7.94 FEET TO A POINT LYING 332.10 FEET EASTERLY OF SAID SOUTHWEST CORNER OF THE SOUTHEAST CORNER OF THE SOUTHEAST CORNER OF SECTION 2;
THENCE PARALLEL WITH THE EAST LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, S00°55'45"W 137.55 FEET TO THE SOUTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;.
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE NORTH 02°20'33" EAST 153.22 FEET;
THENCE SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

CONTAINS 2,963 SQUARE FEET MORE OR LESS.

TOGETHER WITH

A 25' WIDE PARCEL LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE PARCEL LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS PARCEL SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

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PARCEL F

(REMAINDER PARCEL)

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE WILLAMETTE MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF AND THE WEST LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO.910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, N02°20'33"E 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (P.S.H. NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE AND THE NORTH LINE OF SAID VACATED RIGHT-OF-WAY, S88°18'46"E 160.01 FEET;
THENCE S02°20'33"W 84.71 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 93.50 FEET AND THE TRUE POINT OF BEGINNING;
THENCE SOUTHERLY AND SOUTHEASTERLY 66.42 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE WEST LINE OF "PARCEL A" DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8705110215, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE THE FOLLOWING FOUR COURSES:
THENCE S51°38'23"W 2.00 FEET;
THENCE S38°21'37"E 19.31 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88°39'40";
THENCE S50°18'03"W 121.37 FEET TO THE NORTHERLY RIGHT-OF-WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY #1) WHICH IS 100 FEET AT RIGHT ANGLES FROM THE CL 23 LINE;
THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY MARGIN THE FOLLOWING TWO COURSES:
THENCE N37°34'15"W 254.36 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 418.30 FEET;
THENCE NORTHWESTERLY 82.56 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 11°18'29" TO THE WEST LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11 AND SAID WEST LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910;
THENCE ALONG SAID WEST LINES N00°55'45"E 0.45 FEET TO THE SOUTH LINE OF THE NORTH 16.36 FEET OF SAID NE 1/4 OF SECTION 11;
THENCE ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID SECTION 11, S88°02'46"E 159.60 FEET TO A POINT WHICH BEARS S02°20'33"W FROM THE TRUE POINT OF BEGINNING;
THENCE N02°20'33"E 51.08 FEET TO THE TRUE POINT OF BEGINNING AND CONTAINING 35,521 SQUARE FEET, MORE OR LESS.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

TOGETHER WITH A NON-EXCLUSIVE DRIVEWAY EASEMENT FOR INGRESS AND EGRESS PURPOSES OVER AND UPON THE PROPERTY DESCRIBED IN EXHIBIT A ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

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EXHIBIT A

VOL. 0585 PAGE 0683
VOL. 0588 PAGE 3589

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, SAID EASEMENT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88°02'46" EAST 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02°20'33" WEST 237.54 FEET TO THE SOUTHEAST CORNER THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88°02'46" WEST 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST 19.09 FEET;
THENCE NORTH 38°21'37" WEST 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED UNDER RECORDING NUMBER 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02°20'33" EAST 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT-OF-WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER PIERCE COUNTY FILE NO. 8705260307, SOUTH 88°18'46" EAST 20.00 FEET TO THE TRUE POINT OF BEGINNING.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.
CONTAINS 10,272 SQUARE FEET MORE OR LESS.

9001240191

TOGETHER WITH

8912290709

A 25' WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2 AND THE NORTHEAST ONE-QUARTER OF THE NORTHEAST ONE-QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M., SAID 25' WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF N02°20'33"E 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO.1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE S88°18'46"E 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE S02°20'33"W 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE S38°21'37"E 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST ONE-QUARTER OF THE SOUTHEAST ONE-QUARTER BEARS N61°04'43"W 348.35 FEET, DISTANT.

CONTAINS 8139 SQUARE FEET, MORE OR LESS.

THE SIDELINES OF THIS EASEMENT SHALL BE SO SHORTENED OR LENGTHENED SO AS TO TERMINATE IN SAID SOUTHERLY HIGHWAY RIGHT-OF-WAY LINE.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

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First American Title Insurance Company

THIS SPACE PROVIDED FOR RECORDER'S USE:

95 MAR 13 PM 4:00

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR PIERCE CO. WASH

BK 1105 PG 1426

Filed for Record at Request of

Name KEITH ANDLER

Address 3521 AUGUSTA NATIONAL DR S.

City and State SALEM OR 97302

FAT 3 RW 90
MAR 13 1995

Quit Claim Deed

THE GRANTOR Teri Susan Andler, to establish separate estates from W. Keith Andler, her husband,

for and in consideration of $10 and other valuable consideration

conveys and quit claims to W. Keith Andler

the following described real estate, situated in the County of Pierce, State of Washington, together with all after acquired title of the grantor(s) therein:

See attached Exhibit 100

By C. Martinez Auth. Sig

Dated March 6, 19 95.

Teri Susan Andler
(Individual)

(Individual)

By _____
(President)

By _____
(Secretary)

MY COMMISSION EXPIRES OCT 15, 1995

STATE OF WASHINGTON
COUNTY OF Clackamas } ss.

On this day personally appeared before me
Teri Susan Andler

to me known to be the individual(s) described in and who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 6th day of March 19 95

Notary Public in and for the State of Washington, residing at Wilsonville, OR

STATE OF WASHINGTON
COUNTY OF _____ } ss.

On this _____ day of _____, 19_____, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared _____

and _____ 9503130426

to me known to be the _____ President and _____ Secretary, respectively, of _____ the corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that _____ authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

Notary Public in and for the State of Washington, residing at _____

EXC. AFF. FEE $2.00

EXHIBIT 100

PARCEL "A":
That portion of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows: Commencing at the Northwest corner of said Subdivision; thence along the Northerly line thereof South 88°02'46" East 332.10 feet; thence South 00°55'45" West 137.55 feet to the true point of beginning; thence South 88°02'46" East 163.00 feet to the East line of the West 15 acres of said Subdivision; thence along said East line South 00°55'45" West 306.46 feet to the Northerly right of way margin of State Route 5 (Primary State Highway No. 1) which is 100 feet at right angles from the CL 23 line; thence North 76°51'45" West along said Northerly right of way line, a distance of 59.87 feet, to a point of curve; thence continuing along said Northerly right of way margin around a curve to the right, the center of which bears North 13°08'15" East having a radius of 309.30 feet, containing a central angle of 39°17'30", an arc distance of 212.11 feet; thence continuing along said Northerly right of way margin North 37°34'15" West 70.84 feet; thence leaving said Margin North 50°18'03" East 121.37 feet to the beginning of a curve concave to the West having a radius of 6.00 feet; thence Northeasterly, Northerly and Northwesterly 9.28 feet along said curve through a central angle of 88°39'40"; thence North 38°21'37" West 19.31 feet; thence North 51°38'23" East 46.09 feet to the true point of beginning, In Fife, Pierce County, Washington.

TOGETHER with a parcel described as follows:
Commencing at the Northwest corner of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian; thence South 88°02'46" East along the North line of said Subdivision, a distance of 332.10 feet; thence South 00°55'45" West, parallel to the East line of the 15 acres of said Subdivision, a distance of 137.55 feet; thence South 88°02'46" East parallel to the North line of said Subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said Subdivision and the true point of beginning; thence continuing South 88°02'46" East, a distance of 65.00 feet; thence South 03°39'20" West, a distance of 329.63 feet to the Northerly line of the property conveyed to the State of Washington for PSH No. 1 by deed recorded August 3, 1960 under Auditor's No. 1896305; thence Westerly and Northerly along said North line of property conveyed to the State of Washington, North 76°51'45" West 57.48 feet to a point on the Easterly line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11; thence North 00°55'45" East along said Easterly line of the West 15 acres, 306.46 feet, more or less, to the point of beginning.

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PARCEL "B":
Those portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway) as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East 340.05 feet; thence South 02°20'33" West 85.00 feet; thence North 88°18'46" West 20.00 feet to the West line of that certain easement described in instrument recorded under Auditor's No. 8408130153, and the true point of beginning; thence along said West line South 02°20'33" West 153.22 feet to the beginning of a non-tangent curve concave to the North having a radius of 15.00 feet (a radial line through said beginning bears South 57°56'18" East); thence Southwesterly and Westerly 28.69 feet along said curve through a central angle of 109°34'41"; thence North 38°21'37" West 144.24 feet to the beginning of a curve concave to the Northeast having a radius of 68.50 feet; thence Northwesterly and Northerly 48.66 feet along said curve through a central angle of 40°42'10" to the Southeast corner of that certain easement described in instrument recorded under Auditor's No. 8703190234; thence along a non-tangent line South 88°18'46" East 135.04 feet to the true point of beginning and containing 13,794 square feet, more or less, in Fife, Pierce County, Washington.

PARCEL "C":
That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 185.00 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 155.04 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 155.04 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

PARCEL "D":

That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East, and of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, described as follows:

Beginning at the intersection of the West line of the Northeast quarter of the Northeast quarter of said Section 11 with the Northerly line of a tract of land appropriated by the State of Washington by decree entered in Pierce County Superior Court Cause No. 142871 for Interstate 5; thence North 00°55'45" East along said West line, 16.35 feet to the Northwest corner of said Subdivision and the Southwest corner of the Southeast quarter of the Southeast quarter of said Section 2; thence North 02°20'33" East along the West line of the Southeast quarter of the Southeast quarter of said Section 2, 118.70 feet to the Southerly margin of Pacific Highway East as it now exists after vacation of a portion by City of Fife Ordinance No. 910 as recorded under Auditor's No. 8705260307; thence South 88°18'45" East along said Southerly margin 160.01 feet; thence South 02°20'33" West parallel with the West line of the Southeast quarter of the Southeast quarter of said Section 2, 135.61 feet to a point which lies on a line which is parallel with the North line of the Northeast quarter of the Northeast quarter of said Section 11 and passes through the true point of beginning; thence North 88°02'46" West, 159.60 feet to the true point of beginning of terminus of this description, in Fife, Pierce County, Washington.

PARCEL "E":
Portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 340.05 feet to the East line of the West 340.03 feet of said Southeast quarter of the Southeast quarter of Section 2; thence along said East line South 02°20'33" West 85.00 feet to the true point of beginning; thence continuing South 02°20'33" West 35.28 feet to the South line of said Section 2; thence along said South line North 88°02'46" West 7.94 feet to a point lying 332.10 feet Easterly of said Southwest corner of the Southeast corner of the Southeast corner of Section 2; thence parallel with the East line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11, South 00°55'45" West 137.55 feet to the South line of that certain easement described in instrument recorded under Auditor's No. 8408130153; thence leaving said South line South 51°38'23" West 19.09 feet; thence North 38°21'37" West 38.92 feet to a point of cusp with a curve concave to the North having a radius of 15.00 feet; thence Easterly and Northeasterly 28.69 feet along said curve, through a central angle of 109°34'41" to the West line of said Easement recorded under Auditor's No. 8408130153; thence along said West line North 02°20'33" East 153.22 feet; thence South 88°18'46" East 20.00 feet to the true point of beginning, in Fife, Pierce County, Washington.
TOGETHER WITH a 25 foot wide Parcel lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said strip lying 12.50 feet on each side of the following described centerline: commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 172.51 feet to the true point of beginning of this centerline description; thence South 02°20'33" West 84.86 feet to the beginning of a curve concave to the Northeast having a radius of 81.00 feet; thence Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61°04'43" West 348.35 feet, distant, containing 8139 square feet, more or less, in Fife, Pierce County, Washington.

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PARCEL "F":
Those portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof and the West line of right of way vacated under City of Fife Ordinance No. 910, recorded May 26, 1987 under Auditor's No. 8705260307, North 02°20'33" East 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line and the North line of said vacated right of way, South 88°18'46" East 160.01 feet; thence South 02°20'33" West 84.71 feet to the beginning of a curve concave to the Northeast having a radius of 93.50 feet and the true point of beginning; thence Southerly and Southeasterly 66.42 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the West line of Parcel "A" described in instrument recorded under Auditor's No. 8705110215; thence along said West line the following four courses: thence South 51°38'23" West 2.00 feet; thence South 38°21'37" East 19.31 feet to the beginning of a curve concave to the West having a radius of 6.00 feet; thence Southeasterly, Southerly and Southwesterly 9.28 feet along said curve through a central angle of 88°39'40"; thence South 50°18'03" West 121.37 feet to the Northerly right of way margin of State Route 5 (Primary State Highway No. 1) which is 100 feet at right angles from the CL 23 line; thence along said Northerly right of way margin the following two courses: thence North 37°34'15" West 254.36 feet to the beginning of a curve concave to the Southwest having a radius of 418.30 feet; thence Northwesterly 82.56 feet along said curve through a central angle of 11°18'29" to the West line of said Northeast quarter of the Northeast quarter of Section 11 and said West line of right of way vacated under City of Fife Ordinance No. 910; thence along said West line North 00°55'45" East 0.45 feet to the South line of the North 16.35 feet of said Northeast quarter of Section 11; thence along a line parallel with the North line of said Section 11, South 88°02'46" East 159.60 feet to a point which bears South 02°20'33" West from the true point of beginning; thence North 02°20'33" East 51.08 feet to the true point of beginning and containing 35,521 square feet, more or less, in Fife, Pierce County, Washington.

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PARCEL "G":

A non-exclusive easement for ingress and egress lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:

Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 340.05 feet to the East line of the West 340.03 feet of said Southeast quarter of the Southeast quarter of Section 2, and the true point of beginning; thence along said East line South 02°20'33" West 20.27 feet to the North line of that certain easement described in instrument recorded under Auditor's No. 8408130153, records of said County; thence along said North line South 88°02'45" East 20.00 feet to the Northeast corner of said Easement; thence along the East line thereof South 02°20'33" West 237.54 feet to the Southeast corner thereof; thence along the South line thereof North 88°02'46" West 24.54 feet; thence leaving said South line South 51°38'23" West 19.09 feet; thence North 38°21'37" West 38.92 feet to a point of cusp with a curve concave to the North having a radius of 15.00 feet; thence Easterly and Northeasterly 28.69 feet along said curve, through a central angel of 109°34'41" to the West line of said Easement recorded under Auditor's No. 8408130153, records of said County; thence along said West line and the Northerly prolongation thereof North 02°20'33" East 238.21 feet to said Southerly highway right of way line; thence along said Southerly line and the North line of right of way vacated under City of Fife Ordinance No. 910, recorded May 26, 1987 under Auditor's No. 8705260307, South 88°18'46" East 20.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

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PARCEL "H":
A 25 foot wide easement lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said 25 foot wide easement lying 12.50 feet on each side of the following described centerline:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 172.51 feet to the true point of beginning of this centerline description; thence South 02°20'33" West 84.86 feet to the beginning of a curve concave to the Northeast having a radius of 81.00 feet; thence Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61°04'43" West 348.35 feet, distant, containing 8139 square feet, more or less, in Fife, Pierce County, Washington.

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BK 1105 PG 1434
0881L

F.A.T.
374490
MAR 13 1995

DEED

The Salem Group Joint Venture, an Oregon partnership, ("Grantor") conveys to W. Keith Andler, a married man as a separate estate ("Grantee") all of Grantor's right, title and interest in and to that real property, including improvements thereon and appurtenances thereto, situated in the City of Fife, County of Pierce, State of Washington, more particularly described on Exhibit One, attached hereto and incorporated by this reference as if fully set forth herein ("Property").

Said Property is conveyed by Grantor to Grantee free from all encumbrances except easements, liens, encumbrances, adverse claims and other matters, if any, of record as of the date of this Deed.

The actual consideration for this transfer consists of or includes other property or other value given or promised, which other property or value was the whole consideration given.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

Dated this 31 day of January, 1995.

RECORDED
CATHY PEARSALL-STIPEK
COUNTY CLERK, PIERCE CO., WASH.
95 MAR 13 PM 1:00

GRANTOR: THE SALEM GROUP JOINT VENTURE, AN OREGON PARTNERSHIP

By: _____
W. Keith Andler, General Partner

By: Inter-Pacific Development Company, an Oregon corporation, General Partner

By: _____
Steven V. Johnson, President

EXCISE TAX PAID $ 0
Rec. No. 884788 Date 3-13-95
Pierce County
By CRWatkins Auth. Sig

STATE OF OREGON)
) SS.
County of Marion)

Personally appeared the above named Steven V. Johnson who, being first duly sworn, did say that he is the President of Inter-Pacific Development Company, a corporation, and that said instrument was signed on behalf of said corporation by authority of its Board of Directors, and he acknowledged said instrument to be his voluntary act and deed.

OFFICIAL SEAL
DIANE BERGEN
NOTARY PUBLIC-OREGON
COMMISSION NO. 009864
MY COMMISSION EXPIRES OCT. 15, 1995

Before me:
Diane Bergen
Notary Public for Oregon
My Commission Expires: 10-15-95

EXC. AFF. FEE $2.00

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BK 1105 PG 1435

STATE OF OREGON)
) SS.
County of Marion)

Personally appeared the above named W. Keith Andler and acknowledged the foregoing to be his voluntary act and deed.

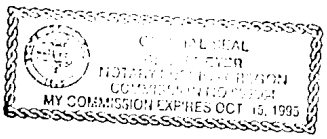

Before me:

Notary Public for Oregon
My Commission Expires: 10-15-95

Grantor: The Salem Group Joint Venture
3521 Augusta National Drive S.
Salem, OR 97302

Grantee: H. Keith Andler
3521 Augusta National Drive S.
Salem, OR 97302

After recording return to:

W. Keith Andler
3521 Augusta National Drive S.
Salem, OR 97302

Until a change is requested, all tax statements shall be sent to the following address:

W. Keith Andler
3521 Augusta National Drive S.
Salem, OR 97302

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EXHIBIT ONE

PARCEL "A":
That portion of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows: Commencing at the Northwest corner of said Subdivision; thence along the Northerly line thereof South 88°02'46" East 332.10 feet; thence South 00°55'45" West 137.55 feet to the true point of beginning; thence South 88°02'46" East 163.00 feet to the East line of the West 15 acres of said Subdivision; thence along said East line South 00°55'45" West 306.46 feet to the Northerly right of way margin of State Route 5 (Primary State Highway No. 1) which is 100 feet at right angles from the CL 23 line; thence North 76°51'45" West along said Northerly right of way line, a distance of 59.87 feet, to a point of curve; thence continuing along said Northerly right of way margin around a curve to the right, the center of which bears North 13°08'15" East having a radius of 309.30 feet, containing a central angle of 39°17'30", an arc distance of 212.11 feet; thence continuing along said Northerly right of way margin North 37°34'15" West 70.84 feet; thence leaving said Margin North 50°18'03" East 121.37 feet to the beginning of a curve concave to the West having a radius of 6.00 feet; thence Northeasterly, Northerly and Northwesterly 9.28 feet along said curve through a central angle of 88°39'40"; thence North 38°21'37" West 19.31 feet; thence North 51°38'23" East 46.09 feet to the true point of beginning, in Fife, Pierce County, Washington.

TOGETHER with a parcel described as follows:
Commencing at the Northwest corner of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian; thence South 88°02'46" East along the North line of said Subdivision, a distance of 332.10 feet; thence South 00°55'45" West, parallel to the East line of the 15 acres of said Subdivision, a distance of 137.55 feet; thence South 88°02'46" East parallel to the North line of said Subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said Subdivision and the true point of beginning; thence continuing South 88°02'46" East, a distance of 65.00 feet; thence South 03°39'20" West, a distance of 329.63 feet to the Northerly line of the property conveyed to the State of Washington for PSH No. 1 by deed recorded August 3, 1960 under Auditor's No. 1896305; thence Westerly and Northerly along said North line of property conveyed to the State of Washington, North 76°51'45" West 57.48 feet to a point on the Easterly line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11; thence North 00°55'45" East along said Easterly line of the West 15 acres, 306.46 feet, more or less, to the point of beginning.

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PARCEL "B":
Those portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway) as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East 340.05 feet; thence South 02°20'33" West 85.00 feet; thence North 88°18'46" West 20.00 feet to the West line of that certain easement described in instrument recorded under Auditor's No. 8408130153, and the true point of beginning; thence along said West line South 02°20'33" West 153.22 feet to the beginning of a non-tangent curve concave to the North having a radius of 15.00 feet (a radial line through said beginning bears South 57°56'18" East); thence Southwesterly and Westerly 28.69 feet along said curve through a central angle of 109°34'41"; thence North 38°21'37" West 144.24 feet to the beginning of a curve concave to the Northeast having a radius of 68.50 feet; thence Northwesterly and Northerly 48.66 feet along said curve through a central angle of 40°42'10" to the Southeast corner of that certain easement described in instrument recorded under Auditor's No. 8703190234; thence along a non-tangent line South 88°18'46" East 135.04 feet to the true point of beginning and containing 13,794 square feet, more or less, in Fife, Pierce County, Washington.

PARCEL "C":
That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East, 185.00 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 155.04 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 155.04 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

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PARCEL "D":

That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East, and of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, described as follows:

Beginning at the intersection of the West line of the Northeast quarter of the Northeast quarter of said Section 11 with the Northerly line of a tract of land appropriated by the State of Washington by decree entered in Pierce County Superior Court Cause No. 142871 for Interstate 5; thence North 00°55'45" East along said West line, 16.36 feet to the Northwest corner of said Subdivision and the Southwest corner of the Southeast quarter of the Southeast quarter of said Section 2; thence North 02°20'33" East along the West line of the Southeast quarter of the Southeast quarter of said Section 2, 118.70 feet to the Southerly margin of Pacific Highway East as it now exists after vacation of a portion by City of Fife Ordinance No. 910 as recorded under Auditor's No. 8705260307; thence South 88°18'45" East along said Southerly margin 160.01 feet; thence South 02°20'33" West parallel with the West line of the Southeast quarter of the Southeast quarter of said Section 2, 135.81 feet to a point which lies on a line which is parallel with the North line of the Northeast quarter of the Northeast quarter of said Section 11 and passes through the true point of beginning; thence North 88°02'46" West, 159.50 feet to the true point of beginning of terminus of this description, in Fife, Pierce County, Washington.

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PARCEL "E":
Portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 340.05 feet to the East line of the West 340.03 feet of said Southeast quarter of the Southeast quarter of Section 2; thence along said East line South 02°20'33" West 85.00 feet to the true point of beginning; thence continuing South 02°20'33" West 35.29 feet to the South line of said Section 2; thence along said South line North 88°02'46" West 7.94 feet to a point lying 332.10 feet Easterly of said Southwest corner of the Southeast corner of the Southeast corner of Section 2; thence parallel with the East line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11, South 00°55'45" West 137.55 feet to the South line of that certain easement described in instrument recorded under Auditor's No. 8408130153; thence leaving said South line South 51°38'23" West 19.09 feet; thence North 38°21'37" West 38.92 feet to a point of cusp with a curve concave to the North having a radius of 15.00 feet; thence Easterly and Northeasterly 28.69 feet along said curve, through a central angle of 109°34'41" to the West line of said Easement recorded under Auditor's No. 8408130153; thence along said West line North 02°20'33" East 153.22 feet; thence South 88°18'46" East 20.00 feet to the true point of beginning, in Fife, Pierce County, Washington.
TOGETHER WITH a 25 foot wide Parcel lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said strip lying 12.50 feet on each side of the following described centerline: commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 172.51 feet to the true point of beginning of this centerline description; thence South 02°20'33" West 84.86 feet to the beginning of a curve concave to the Northeast having a radius of 81.00 feet; thence Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 163.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61°04'43" West 348.35 feet, distant, containing 8139 square feet, more or less, in Fife, Pierce County, Washington.

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PARCEL "F":
Those portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof and the West line of right of way vacated under City of Fife Ordinance No. 910, recorded May 26, 1987 under Auditor's No. 8705260307, North 02°20'33" East 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line and the North line of said vacated right of way, South 88°18'46" East 160.01 feet; thence South 02°20'33" West 84.71 feet to the beginning of a curve concave to the Northeast having a radius of 93.50 feet and the true point of beginning; thence Southerly and Southeasterly 66.42 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the West line of Parcel "A" described in instrument recorded under Auditor's No. 8705110215; thence along said West line the following four courses: thence South 51°38'23" West 2.00 feet; thence South 38°21'37" East 19.31 feet to the beginning of a curve concave to the West having a radius of 6.00 feet; thence Southeasterly, Southerly and Southwesterly 9.28 feet along said curve through a central angle of 88°39'40"; thence South 50°18'03" West 121.37 feet to the Northerly right of way margin of State Route 5 (Primary State Highway No. 1) which is 100 feet at right angles from the CL 23 line; thence along said Northerly right of way margin the following two courses: thence North 37°34'15" West 254.36 feet to the beginning of a curve concave to the Southwest having a radius of 418.30 feet; thence Northwesterly 82.56 feet along said curve through a central angle of 11°18'29" to the West line of said Northeast quarter of the Northeast quarter of Section 11 and said West line of right of way vacated under City of Fife Ordinance No. 910; thence along said West line North 00°55'45" East 0.45 feet to the South line of the North 16.36 feet of said Northeast quarter of Section 11; thence along a line parallel with the North line of said Section 11, South 88°02'46" East 159.60 feet to a point which bears South 02°20'33" West from the true point of beginning; thence North 02°20'33" East 51.08 feet to the true point of beginning and containing 35,521 square feet, more or less, in Fife, Pierce County, Washington.

PARCEL "G":

A non-exclusive easement for ingress and egress lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:

Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 340.05 feet to the East line of the West 340.03 feet of said Southeast quarter of the Southeast quarter of Section 2, and the true point of beginning; thence along said East line South 02°20'33" West 20.27 feet to the North line of that certain easement described in instrument recorded under Auditor's No. 8408130153, records of said County; thence along said North line South 88°02'46" East 20.00 feet to the Northeast corner of said Easement; thence along the East line thereof South 02°20'33" West 237.54 feet to the Southeast corner thereof; thence along the South line thereof North 88°02'46" West 24.54 feet; thence leaving said South line South 51°38'23" West 19.09 feet; thence North 38°21'37" West 38.92 feet to a point of cusp with a curve concave to the North having a radius of 15.00 feet; thence Easterly and Northeasterly 28.69 feet along said curve, through a central angel of 109°34'41" to the West line of said Easement recorded under Auditor's No. 8408130153, records of said County; thence along said West line and the Northerly prolongation thereof North 02°20'33" East 238.21 feet to said Southerly highway right of way line; thence along said Southerly line and the North line of right of way vacated under City of Fife Ordinance No. 910, recorded May 26, 1987 under Auditor's No. 8705260307, South 88°18'46" East 20.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

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PARCEL "H":
A 25 foot wide easement lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said 25 foot wide easement lying 12.50 feet on each side of the following described centerline:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 86°18'46" East 172.51 feet to the true point of beginning of this centerline description; thence South 02°20'33" West 84.86 feet to the beginning of a curve concave to the Northeast having a radius of 81.00 feet; thence Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61°04'43" West 348.35 feet, distant, containing 8139 square feet, more or less, in Fife, Pierce County, Washington.

9503130427

9605070707

BK 1225 PG 1314

BARGAIN AND SALE DEED

The Grantor, W. KEITH ANDLER, a resident of Marion County, Oregon, for and in consideration of $0 in hand paid, bargains, sells and conveys to WARREN KEITH ANDLER, Trustee of the W. KEITH ANDLER REVOCABLE LIVING TRUST, Grantee the real property located in Pierce County Washington described on the attached Exhibit One.

Dated this 29 day of APRIL, 1996.

W. Keith Andler

W. KEITH ANDLER

RECORDED
CATHY PEARSALL-STIPEK
AUDITOR PIERCE CO. WASH

96 MAY -7 PM 2:42

STATE OF OREGON)
) ss.
County of Multnomah

On this day personally appeared before me W. KEITH ANDLER, to me known to be the individual described in and who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.

Given under my hand and official seal this 29 day of April, 1996.

OFFICIAL SEAL
TINA E. PENNINGTON
NOTARY PUBLIC-OREGON
COMMISSION NO. 022341
MY COMMISSION EXPIRES APR. 20, 1997

Tina E. Pennington
Notary Public for Oregon

AFTER RECORDING RETURN TO:

Steven A. Nicholes
Duffy, Kekel, Jones & Bernard
1200 Standard Plaza
1100 S.W. Sixth Avenue
Portland, OR 97204

AUDITOR'S NOTE

LEGIBILITY FOR RECORDING AND COPYING IS NOT SATISFACTORY IN A PORTION OF THIS INSTRUMENT WHEN RECEIVED.

9605070707

EXCISE TAX PAID $ 0
Re. No. 412914 Date 5-6-96
Pierce County
By Barowano Auth Sig

1 - Bargain and Sale Deed

G:\C\ANDL143\DEED.PIE

12 EXC. AFF. FEE $2.00

NOTICE: IT IS DUE TO THE QUALITY OF THE DOCUMENT.

EXHIBIT ONE

PARCEL "A":
That portion of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows: Commencing at the Northwest corner of said Subdivision; thence along the Northerly line thereof South 88°02'46" East 332.10 feet; thence South 00°55'45" West 137.55 feet to the true point of beginning; thence South 88°02'46" East 163.00 feet to the East line of the West 15 acres of said Subdivision; thence along said East line South 00°55'45" West 306.46 feet to the Northerly right of way margin of State Route 5 (Primary State Highway No. 1) which is 100 feet at right angles from the CL 23 line; thence North 76°51'45" West along said Northerly right of way line, a distance of 59.87 feet, to a point of curve; thence continuing along said Northerly right of way margin around a curve to the right, the center of which bears North 13°08'15" East having a radius of 300.30 feet, containing a central angle of 39°17'30", an arc distance of 212.11 feet; thence continuing along said Northerly right of way margin North 37°34'15" West 70.84 feet; thence leaving said Margin North 50°18'03" East 121.37 feet to the beginning of a curve concave to the West having a radius of 6.00 feet; thence Northeasterly, Northerly and Northwesterly 8.28 feet along said curve through a central angle of 88°39'40"; thence North 38°21'37" West 19.31 feet; thence North 51°38'23" East 46.09 feet to the true point of beginning, in Fife, Pierce County, Washington.

TOGETHER with a parcel described as follows:
Commencing at the Northwest corner of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian; thence South 88°02'46" East along the North line of said Subdivision, a distance of 332.10 feet; thence South 00°55'45" West, parallel to the East line of the 15 acres of said Subdivision, a distance of 137.55 feet; thence South 88°02'46" East parallel to the North line of said Subdivision, a distance of 163.00 feet to the Easterly line of the West 15 acres of said Subdivision and the true point of beginning; thence continuing South 88°02'46" East, a distance of 65.00 feet; thence South 03°39'20" West, a distance of 329.63 feet to the Northerly line of the property conveyed to the State of Washington for PSH No. 1 by deed recorded August 3, 1960 under Auditor's No. 1896305; thence Westerly and Northerly along said North line of property conveyed to the State of Washington, North 76°51'45" West 57.48 feet to a point on the Easterly line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11; thence North 00°55'45" East along said Easterly line of the West 15 acres, 306.46 feet, more or less, to the point of beginning.

PARCEL "B":
Those portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway) as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'46" East 340.05 feet; thence South 02°20'33" West 85.00 feet; thence North 88°18'46" West 20.00 feet to the West line of that certain easement described in instrument recorded under Auditor's No. 8408130153, and the true point of beginning; thence along said West line South 02°20'33" West 153.22 feet to the beginning of a non-tangent curve concave to the North having a radius of 15.00 feet (a radial line through said beginning bears South 57°56'18" East); thence Southwesterly and Westerly 28.69 feet along said curve through a central angle of 109°34'41"; thence North 33°21'37" West 144.24 feet to the beginning of a curve concave to the Northeast having a radius of 68.50 feet; thence Northwesterly and Northerly 48.66 feet along said curve through a central angle of 40°42'10" to the Southeast corner of that certain easement described in instrument recorded under Auditor's No. 8703190234; thence along a non-tangent line South 88°18'46" East 135.04 feet to the true point of beginning and containing 13,794 square feet, more or less, in Fife, Pierce County, Washington.

NOTICE: THE LEGIBILITY OF WRITINGS, PRINTING OR PHOTOCOPIES IN THIS DOCUMENT MAY BE LESS CLEAR THAN THIS NOTICE. IT IS DUE TO THE QUALITY OF THE DOCUMENT.

PARCEL "C":
That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows: Commencing at the Southwest corner of said Subdivision; thence along the West line thereof North 02°20'33" East, 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), Redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line South 88°18'45" East, 185.00 feet to the true point of beginning; thence continuing along said parallel line South 88°18'46" East, 155.04 feet; thence South 02°20'33" West, 85.00 feet; thence North 88°18'46" West, 155.04 feet; thence North 02°20'33" East, 85.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

PARCEL "D":
That portion of the Southeast quarter of the Southeast quarter of Section 2, Township 20 North, Range 3 East, and of the Northeast quarter of the Northeast quarter of Section 11, Township 20 North, Range 3 East of the Willamette Meridian, described as follows: Beginning at the intersection of the West line of the Northeast quarter of the Northeast quarter of said Section 11 with the Northerly line of a tract of land appropriated by the State of Washington by decree entered in Pierce County Superior Court Cause No. 142871 for Interstate 5; thence North 00°55'45" East along said West line, 16.36 feet to the Northwest corner of said Subdivision and the Southwest corner of the Southeast quarter of the Southeast quarter of said Section 2; thence North 02°20'33" East along the West line of the Southeast quarter of the Southeast quarter of said Section 2, 118.70 feet to the Southerly margin of Pacific Highway East as it now exists after vacation of a portion by City of Fife Ordinance No. 910 as recorded under Auditor's No. 8705250307; thence South 88°18'45" East along said Southerly margin 160.01 feet; thence South 02°20'33" West parallel with the West line of the Southeast quarter of the Southeast quarter of said Section 2, 135.81 feet to a point which lies on a line which is parallel with the North line of the Northeast quarter of the Northeast quarter of said Section 11 and passes through the true point of beginning; thence North 88°02'46" West, 159.60 feet to the true point of beginning of terminus of this description, in Fife, Pierce County, Washington.

9605070707

IT IS DUE TO THE QUALITY OF THE DOCUMENT.

PARCEL "E":
Portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 340.05 feet to the East line of the West 340.03 feet of said Southeast quarter of the Southeast quarter of Section 2; thence along said East line South 02°20'33" West 83.00 feet to the true point of beginning; thence continuing South 02°20'33" West 35.28 feet to the South line of said Section 2; thence along said South line North 88°02'45" West 7.94 feet to a point lying 332.10 feet Easterly of said Southwest corner of the Southeast corner of the Southeast corner of Section 2; thence parallel with the East line of the West 15 acres of said Northeast quarter of the Northeast quarter of Section 11, South 00°55'45" West 137.55 feet to the South line of that certain easement described in instrument recorded under Auditor's No. 8406130153; thence leaving said South line South 51°38'23" West 19.09 feet; thence North 38°21'37" West 38.82 feet to a point of cusp with a curve concave to the North having a radius of 15.00 feet; thence Easterly and Northeasterly 28.69 feet along said curve, through a central angle of 109°34'41" to the West line of said Easement recorded under Auditor's No. 8406130153; thence along said West line North 02°20'33" East 153.22 feet; thence South 88°18'43" East 20.00 feet to the true point of beginning, in Fife, Pierce County, Washington.
TOGETHER WITH a 25 foot wide Parcel lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said strip lying 12.50 feet on each side of the following described centerline: commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 172.51 feet to the true point of beginning of this centerline description; thence South 02°20'33" West 84.86 feet to the beginning of a curve concave to the Northeast having a radius of 81.00 feet; thence Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61°04'43" West 348.35 feet, distant, containing 8139 square feet, more or less, in Fife, Pierce County, Washington.

9605070707

IT IS DUE TO THE QUALITY OF THE DOCUMENT.

BK 1225 PG 1318

PARCEL "F":
These portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof and the West line of right of way vacated under City of Fife Ordinance No. 910, recorded May 26, 1987 under Auditor's No. 8705260307, North 02°20'33" East 118.70 feet to a line parallel with and 50 feet Southerly, when measured at right angles, from the Survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway), as shown on sheet 10 of that certain plan entitled SR 99 (P.S.H. No. 1), redondo to Tacoma, now of record and on file in the office of the Secretary of Transportation at Olympia, Washington, bearing date of approval May 25, 1923; thence along said parallel line and the North line of said vacated right of way, South 88°18'46" East 160.01 feet; thence South 02°20'33" West 84.71 feet to the beginning of a curve concave to the Northeast having a radius of 93.50 feet and the true point of beginning; thence Southerly and Southeasterly 65.42 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the West line of Parcel "A" described in instrument recorded under Auditor's No. 8705116215; thence along said West line the following four courses: thence South 51°38'23" West 2.00 feet; thence South 38°21'37" East 19.31 feet to the beginning of a curve concave to the West having a radius of 6.00 feet; thence Southeasterly, Southerly and Southwesterly 9.28 feet along said curve through a central angle of 88°39'40"; thence South 50°18'03" West 121.37 feet to the Northerly right of way margin of State Route 5 (Primary State Highway No. 1) which is 100 feet at right angles from the CL 23 line; thence along said Northerly right of way margin the following two courses: thence North 37°34'15" West 254.36 feet to the beginning of a curve concave to the Southwest having a radius of 418.30 feet; thence Northwesterly 82.56 feet along said curve through a central angle of 11°18'29" to the West line of said Northeast quarter of the Northeast quarter of Section 11 and said West line of right of way vacated under City of Fife Ordinance No. 910; thence along said West line North 00°55'45" East 0.45 feet to the South line of the North 16.36 feet of said Northeast quarter of Section 11; thence along said parallel with the North line of said Section 11, South 88°02'46" East 159.60 feet to a point which bears South 02°20'33" West from the true point of beginning; thence North 02°20'33" East 51.09 feet to the true point of beginning and containing 35,521 square feet, more or less, in Fife, Pierce County, Washington.

PARCEL "G":
A non-exclusive easement for ingress and egress lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, more particularly described as follows:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 340.05 feet to the East line of the West 340.03 feet of said Southeast quarter of the Southeast quarter of Section 2, and the true point of beginning; thence along said East line South 02°20'33" West 20.27 feet to the North line of that certain easement described in instrument recorded under Auditor's No. 8408130153, records of said County; thence along said North line South 88°02'46" East 20.00 feet to the Northeast corner of said Easement; thence along the East line thereof South 02°20'33" West 237.54 feet to the Southeast corner thereof; thence along the South line thereof North 88°02'46" West 24.54 feet; thence leaving said South line South 51°38'23" West 19.09 feet; thence North 38°21'37" West 38.92 feet to a point of cusp with a curve concave to the North having a radius of 15.00 feet; thence Easterly and Northeasterly 28.69 feet along said curve, through a central angel of 109°34'41" to the West line of said Easement recorded under Auditor's No. 8408130153, records of said County; thence along said West line and the Northerly prolongation thereof North 02°20'33" East 238.21 feet to said Southerly highway right of way line; thence along said Southerly line and the North line of right of way vacated under City of Fife Ordinance No. 910, recorded May 26, 1987 under Auditor's No. 8705260307, South 88°18'46" East 20.00 feet to the true point of beginning, in Fife, Pierce County, Washington.

9605070707

PARCEL "H":
A 25 foot wide easement lying within portions of the Southeast quarter of the Southeast quarter of Section 2 and the Northeast quarter of the Northeast quarter of Section 11, all in Township 20 North, Range 3 East of the Willamette Meridian, said 25 foot wide easement lying 12.50 feet on each side of the following described centerline:
Commencing at the Southwest corner of said Southeast quarter of the Southeast quarter of Section 2; thence along the West line thereof North 02°20'33" East 118.70 feet to the Southerly highway right of way line drawn parallel with and 50.00 feet Southerly, when measured at right angles, from the survey line of State Highway Route No. 99, formerly Primary State Highway No. 1 (Pacific Highway); thence along said Southerly line South 88°18'46" East 172.51 feet to the true point of beginning of this centerline description; thence South 02°20'33" West 84.66 feet to the beginning of a curve concave to the Northeast having a radius of 81.00 feet; thence Southerly and Southeasterly 57.54 feet along said curve through a central angle of 40°42'10"; thence South 38°21'37" East 183.15 feet to the terminus of this centerline description and from said terminus said Southwest corner of the Southeast quarter of the Southeast quarter bears North 61°04'43" West 348.85 feet, distant, containing 8139 square feet, more or less, in Fife, Pierce County, Washington.

9605070707

IT IS DUE TO THE QUALITY OF THE DOCUMENT. NOTICE

200006080471 3 pg
6-8-2000 02:27pm $10.00
PIERCE COUNTY, WASHINGTON

Name C.F.S., L.L.C.
Address c/o 630 11th Ave. W.
City, State, Zip Kirkland, Washington 98033

666104sp
Reference# (If applicable): _____
Grantor(s):(1) Jones Robert D. (2) Jones Donna P.
Grantee(s):(1) C.F.S., L.L.C. (2)
Addit. Grantor(s) on pg. Addit. Grantee(s) on pg.
Legal Description(abbr.): Ptn of NE 1/4 of NE 1/4 of Sec 11 T20N, R03E, W.M. Addit. legal(s) on pg. 2
Assessor's Tax Parcel ID# Acct #0320111013, 0320024077

STATUTORY WARRANTY DEED

THE GRANTOR **Robert D. Jones and Donna P. Jones, husband and wife,** for and in consideration of **TEN AND NO/100 DOLLARS AND OTHER VALUABLE CONSIDERATION,** in hand paid, conveys and warrants to **C.F.S., L.L.C., a Washington limited liability company,** the following described real estate, situated in the County of **Pierce,** State of Washington:

See Legal Description attached hereto and marked Exhibit "A".

SUBJECT TO: **Attached hereto as Exhibit "B" and by this reference incorporated herein.**

TRANS
3008319
JUN - 8 2000

Dated: **May 30, 2000**

Robert D. Jones
Robert D. Jones

Donna P. Jones
Donna P. Jones

STATE OF WASHINGTON }
COUNTY OF Pierce } **ss.**

On this day personally appeared before me **Robert D. Jones and Donna P. Jones** to me known to be the individual(s) described in and who executed the within and foregoing instrument, and acknowledged that **they** signed the same as **their** free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 7th day of June, 2000.

Carol S Robson
Notary Public in and for the State of Washington, residing at Lakewood
My appointment expires: 10-23-03

CAROL S. ROBSON
STATE OF WASHINGTON
NOTARY PUBLIC
MY COMMISSION EXPIRES 10-23-03

Transnation
A LandAmerica Company
TRANSNATION TITLE INSURANCE COMPANY

Form 7176-3 (Rev. 12-96)

200006080471

ETN: 1031534 6-8-2000
Excise Tax Collected: $6640.20
Cathy Pearsall-Stipek CPO Pierce County Auditor
BY: ROBIN CAROVANO

10

EXHIBIT "A"

LEGAL DESCRIPTION:

PARCEL J-1:

THE EAST 163 FEET OF THE NORTH 137.5 FEET OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;

SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

PARCEL J-2:

THE EAST 150 FEET OF THE WEST 490.03 FEET OF THE SOUTH 100 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST, W.M.

SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

EXHIBIT "B"

Subject to:

Notice of tap or connection charges which have been or will be due in connection with development or re-development of the land as disclosed by recorded instrument. Inquiries regarding the specific amount of the charges should be made to the city/county/agency.

CITY/COUNTY/AGENCY:	City of Fife
RECORDING NO.:	8203110291 and 8310240268

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	CITY OF TACOMA
PURPOSE:	ELECTRIC TRANSMISSION LINE
AREA AFFECTED:	A PORTION OF SAID PREMISES
RECORDING NO.:	1323757

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

ESTABLISHED IN CAUSE NO.:	88803
PURPOSE:	ELECTRIC TRANSMISSION LINE
AREA AFFECTED:	A PORTION OF SAID PREMISES

COVENANTS, CONDITIONS, RESTRICTIONS AND OTHER MATTERS imposed by instrument recorded on JUNE 24, 1976, under Recording No. 2672964.

AGREEMENT AND THE TERMS AND CONDITIONS THEREOF:

RECORDED:	AUGUST 13, 1984
RECORDING NO.:	8408130153
REGARDING:	A MUTUAL AND RECIPROCAL EASEMENT FOR INGRESS, EGRESS AND UTILITIES ON THE COMMON BOUNDARY.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	CITY OF FIFE, A MUNICIPAL CORPORATION
PURPOSE:	CONSTRUCTION, OPERATION, MAINTENANCE AND/OR REPAIR AND REPLACEMENT OF SANITARY SEWER LINES
AREA AFFECTED:	A PORTION OF SAID PREMISES
RECORDED:	JUNE 4, 1986
RECORDING NO.:	8606040256

DECLARATION OF BOUNDARY LINE REVISION imposed by instrument recorded on NOVEMBER 21, 1988, under Recording No. 8811210335.

AND AMENDMENTS THERETO:

RECORDED:	NOVEMBER 8, 1989
RECORDING NO.:	8911080393

AND AMENDMENTS THERETO:

RECORDED:	DECEMBER 28, 1989
RECORDING NO.:	8912280375

200006080472 9 pg
6-8-2000 02:27pm $16.00
PIERCE COUNTY, WASHINGTON

Name C.F.S., L.L.C.

Address 630 11th Avenue W.

City, State, Zip Kirkland, Washington 98033

666120sp
Reference# (If applicable): _____
Grantor(s):(1) Revocalble Living Trust W (2)
Grantee(s):(1) C.F.S., L.L.C. (2)
Addit. Grantor(s) on pg. Addit. Grantee(s) on pg.
Legal Description(abbr.): Ptn of 11-20N-3E NE 1/4, NE 1/4 & Ptn of 2-20N-3E S.E. 1/4, SE. 1/4 Addit. legal(s) on pg. 2 - 7
Assessor's Tax Parcel ID# Acct #0320111050, 0320111051, 0320024094, 0320024095, 0320024096 and 0320111054

STATUTORY WARRANTY DEED

THE GRANTOR **W. Keith Andler, Trustee of the Warren Keith Andler Revocable Living Trust**, for and in consideration of **TEN AND NO/100 DOLLARS AND OTHER VALUABLE CONSIDERATION**, in hand paid, conveys and warrants to **C.F.S., L.L.C., a Washington limited liability company**, the following described real estate, situated in the County of **Pierce**, State of Washington:

See Legal Description attached hereto and marked Exhibit "A".

SUBJECT TO: **Attached hereto as Exhibit "B" and by this reference incorporated herein.**

TRANS
3008773
JUN - 8 2000

Dated: **June 2, 2000**

W. Keith Andler

W. Keith Andler, Trustee of The Warren Keith Andler Revocable Living Trust

---

STATE OF OREGON }
COUNTY OF Multnomah } **ss.**

On this 5th day of June, 2000, before me, the undersigned, a Notary Public in and for the State of Oregon, duly commissioned and sworn, personally appeared

W. KEITH ANDLER

to me known to be the Trustee of The Warren Keith Andler Revocable Living Trust, and he acknowledged the said instrument to be his free and voluntary act and deed for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

GIVEN under my hand and official seal the day and year above written.

Theresa Gail Preble
Notary Public in and for the State of Oregon,
residing at Portland, OR
My appointment expires: 08/13/02

OFFICIAL SEAL
THERESA GAIL PREBLE
NOTARY PUBLIC-OREGON
COMMISSION NO. 315367
MY COMMISSION EXPIRES AUG. 13, 2002

Transnation
A LANDAMERICA COMPANY
TRANSNATION TITLE INSURANCE COMPANY

Form 7176-3 (Rev. 12-96)

200006080472

ETN: 1031535 6-8-2000
Excise Tax Collected: $61200.00
Cathy Pearsall-Stipek CPO Pierce County Auditor
BY: ROBIN CAROVANO

10

EXHIBIT "A"

LEGAL DESCRIPTION:

PARCEL A:

THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SUBDIVISION;
THENCE ALONG THE NORTHERLY LINE THEREOF SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST, 332.10 FEET;
THENCE SOUTH 00 DEGREES, 55 MINUTES, 45 SECONDS WEST, 137.55 FEET TO THE TRUE POINT OF BEGINNING;
THENCE SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST, 163.00 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE ALONG SAID EAST LINE SOUTH 00 DEGREES, 55 MINUTES, 45 SECONDS WEST, 306.46 FEET TO THE NORTHERLY RIGHT OF WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY NO. 1) WHICH IS 100 FEET AT RIGHT ANGLES FORM THE CL 23 LINE;
THENCE NORTH 76 DEGREES, 51 MINUTES, 45 SECONDS WEST ALONG SAID NORTHERLY RIGHT OF WAY LINE, A DISTANCE OF 59.87 FEET, TO A POINT OF CURVE;
THENCE CONTINUING ALONG SAID NORTHERLY RIGHT OF WAY MARGIN AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13 DEGREES, 08 MINUTES, 15 SECONDS EAST HAVING A RADIUS OF 309.30 FEET, CONTAINING A CENTRAL ANGLE OF 39 DEGREES, 17 MINUTES, 30 SECONDS, AN ARC DISTANCE OF 212.11 FEET;
THENCE CONTINUING ALONG THE SAID NORTHERLY RIGHT OF WAY MARGIN NORTH 37 DEGREES, 34 MINUTES, 15 SECONDS WEST, 70.84 FEET;
THENCE LEAVING SAID MARGIN NORTH 50 DEGREES, 18 MINUTES, 03 SECONDS EAST, 121.37 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE NORTHEASTERLY, NORTHERLY AND NORTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88 DEGREES, 39 MINUTES, 40 SECONDS;
THENCE NORTH 38 DEGREES, 21 MINUTES, 37 SECONDS WEST, 19.31 FEET;
THENCE NORTH 51 DEGREES, 38 MINUTES, 23 SECONDS EAST, 46.09 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON.

TOGETHER WITH A PARCEL DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 322.10 FEET;
THENCE SOUTH 00 DEGREES, 55 MINUTES, 45 SECONDS WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST PARALLEL TO THE NORTH LINE OF THE SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION, AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST, A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03 DEGREES, 39 MINUTES, 20 SECONDS WEST, A DISTANCE OF 329.63 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONVEYED TO THE STATE OF WASHINGTON FOR

PSH NO. 1, BY DEED RECORDED AUGUST 3, 1960 UNDER RECORDING NO. 1896305;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON, NORTH 76 DEGREES, 51 MINUTES, 46 SECONDS WEST, 57.48 FEET TO A POINT ON THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11;
THENCE NORTH 00 DEGREES, 55 MINUTES, 45 SECONDS EAST, ALONG SAID EASTERLY LINE OF THE WEST 15 ACRES, 306.46 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

PARCEL B:

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY) AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (PSH NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 340.05 FEET;
THENCE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 85.00 FEET;
THENCE NORTH 88 DEGREES, 18 MINUTES, 46 SECONDS WEST, 20.00 FEET TO THE WEST LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 84708130153, AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID WEST LINE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 153.22 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET (A RADIAL LINE THROUGH SAID BEGINNING, BEARS SOUTH 57 DEGREES, 56 MINUTES, 18 SECONDS EAST);
THENCE SOUTHWESTERLY AND WESTERLY 28.69 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 109 DEGREES, 34 MINUTES, 41 SECONDS;
THENCE NORTH 38 DEGREES, 21 MINUTES, 37 SECONDS WEST, 144.24 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 68.50 FEET;
THENCE NORTHWESTERLY AND NORTHERLY 48.66 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40 DEGREES, 42 MINUTES, 10 SECONDS TO THE SOUTHEAST CORNER OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED MARCH 19, 1987 UNDER RECORDING NO. 8703190234;
THENCE ALONG A NON-TANGENT LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 135.04 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON.

PARCEL C:

THAT PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SUBDIVISION;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN

ENTITLED SR 99 (PSH NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 185.00 FEET TO THE TRUE POINT OF BEGINNING;
THENCE CONTINUING ALONG SAID PARALLEL LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 155.04 FEET;
THENCE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 85.00 FEET;
THENCE NORTH 88 DEGREES, 18 MINUTES, 46 SECONDS WEST, 155.04 FEET;
THENCE NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 85.00 FEET TO THE TRUE PONT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON.

PARCEL D:

THAT PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST AND OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE WEST LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11 AND THE NORTHERLY LINE OF A TRACT OF LAND APPROPRIATED BY THE STATE OF WASHINGTON BY DECREE ENTERED IN PIERCE COUNTY SUPERIOR COURT CAUSE NO. 142871 FOR INTERSTATE 5;
THENCE NORTH 00 DEGREES, 55 MINUTES, 45 SECONDS EAST, ALONG SAID WEST LINE, 16.36 FEET TO THE NORTHWEST CORNER OF SAID SUBDIVISION AND THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2;
THENCE NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2, 118.70 FEET TO THE SOUTHERLY MARGIN OF PACIFIC HIGHWAY EAST AS IT NOW EXISTS AFTER VACATION OF A PORTION OF CITY OF FIFE ORDINANCE NO. 910, AS RECORDED MAY 26, 1987 UNDER RECORDING NO. 8705260307;
THENCE SOUTH 88 DEGREES, 15 MINUTES, 45 SECONDS EAST ALONG SAID SOUTHERLY MARGIN 160.1 FEET;
THENCE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST PARALLEL WITH THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 2, 135.81 FEET TO A POINT WHICH LIES ON A LINE WHICH IS PARALLEL WITH THE NORTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11 AND PASSES THROUGH THE TRUE POINT OF BEGINNING;
THENCE NORTH 88 DEGREES, 02 MINUTES, 46 SECONDS WEST, 159.60 FEET TO THE TRUE POINT OF BEGINNING OF TERMINUS OF THIS DESCRIPTION, IN FIFE, PIERCE COUNTY, WASHINGTON.

PARCEL E:

PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 118.70 FEET TO THE SOUTHERLY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 340.05 FEET OT THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;

THENCE ALONG SAID EAST LINE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 85.00 FEET TO THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 35.28 FEET TO THE SOUTH LINE OF SAID SECTION 2;
THENCE ALONG SAID SOUTH LINE NORTH 88 DEGREES, 02 MINUTES, 46 SECONDS WEST, 7.94 FEET TO A POINT LYING 332.10 FEET EASTERLY OF SAID SOUTHWEST CORNER OF THE SOUTHEAST CORNER OF THE SOUTHEAST CORNER OF SECTION 2;
THENCE PARALLEL WITH THE EAST LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, SOUTH 00 DEGREES, 55 MINUTES, 45 SECONDS WEST, 137.55 FEET TO THE SOUTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153;
THENCE LEAVING SAID SOUTH LINE SOUTH 51 DEGREES, 38 MINUTES, 23 SECONDS WEST, 19.09 FEET;
THENCE NORTH 38 DEGREES, 21 MINUTES, 31 SECONDS WEST, 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109 DEGREES, 34 MINUTES, 41 SECONDS TO THE WEST LINE OF SAID EASEMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153;
THENCE ALONG SAID WEST LINE NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 153.22 FEET;
THENCE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 20.00 FEET OT THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON.

TOGETHER WITH A 25 FOOT WIDE PARCEL LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, SAID STRIP LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40 DEGREES, 42 MINUTES, 10 SECONDS;
THENCE SOUTH 38 DEGREES, 21 MINUTES, 37 SECONDS EAST, 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER BEARS NORTH 61 DEGREES, 04 MINUTES, 43 SECONDS WEST, 348.35 FEET, DISTANT, IN FIFE, PIERCE COUNTY, WASHINGTON.

PARCEL F:

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF AND THE WEST LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER RECORDING NO. 8705260307, NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 118.70 FEET TO A LINE

PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (PSH NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE AND NORTH LINE OF SAID VACATED RIGHT OF WAY, SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 160.01 FEET;
THENCE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 84.71 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 93.50 FEET AND THE TRUE POINT OF BEGINNING;
THENCE SOUTHERLY AND SOUTHEASTERLY 66.42 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40 DEGREES, 42 MINUTES, 10 SECONDS;
THENCE SOUTH 38 DEGREES, 21 MINUTES, 37 SECONDS EAST, 183.15 FEET TO THE WEST LINE OF PARCEL "A" DESCRIBED IN INSTRUMENT RECORDED MAY 11, 1987 UNDER RECORDING NO. 8705110215;
THENCE ALONG WEST LINE THE FOLLOWING FOUR COURSES:
THENCE SOUTH 51 DEGREES, 38 MINUTES, 23 SECONDS WEST, 2.00 FEET;
THENCE SOUTH 38 DEGREES, 21 MINUTES, 37 SECONDS EAST, 19.31 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88 DEGREES, 39 MINUTES, 40 SECONDS;
THENCE SOUTH 50 DEGREES, 18 MINUTES, 03 SECONDS WEST, 121.37 FEET TO THE NORTHERLY RIGHT OF WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY NO. 1) WHICH IS 100 FEET AT RIGHT ANGLES FROM THE CL 23 LINE;
THENCE ALONG SAID NORTHERLY RIGHT OF WAY MARGIN THE FOLLOWING TWO COURSES:
THENCE NORTH 37 DEGREES, 34 MINUTES, 15 SECONDS WEST, 254.36 FEET OT THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 418.30 FEET;
THENCE NORTHWESTERLY 82.56 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 11 DEGREES, 18 MINUTES, 29 SECONDS TO THE WEST LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11 AND SAID WEST LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910;
THENCE ALONG SAID WEST LINE NORTH 00 DEGREES, 55 MINUTES, 45 SECONDS EAST, 0.45 FEET TO THE SOUTH LINE OF THE NORTH 16.36 FEET OF SAID NORTHEAST QUARTER OF SECTION 11;
THENCE ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID SECTION 11, SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST, 159.60 FEET TO A POINT WHICH BEARS SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST FROM THE TRUE POINT OF BEGINNING;
THENCE NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 51.08 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON.

PARCEL G:

A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 340.05 FEET TO THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST OF SECTION 2, AND THE TRUE POINT OF BEGINNING;

THENCE ALONG SAID EAST LINE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 20.27 FEET TO THE NORTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153, RECORDS OF SAID COUNTY;
THENCE ALONG SAID NORTH LINE SOUTH 88 DEGREES, 02 MINUTES, 46 SECONDS EAST, 20.00 FEET TO THE NORTHEAST CORNER OF SAID EASEMENT;
THENCE ALONG THE EAST LINE THEREOF SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 237.54 FEET TO THE SOUTHEAST CORNER OF THEREOF;
THENCE ALONG THE SOUTH LINE THEREOF NORTH 88 DEGREES, 02 MINUTES, 46 SECONDS WEST, 24.54 FEET;
THENCE LEAVING SAID SOUTH LINE SOUTH 51 DEGREES, 38 MINUTES, 23 SECONDS WEST, 19.09 FEET;
THENCE NORTH 38 DEGREES, 21 MINUTES, 37 SECONDS WEST, 38.92 FEET TO THE POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109 DEGREES, 34 MINUTES, 41 SECONDS TO THE WEST LINE OF SAID EASEMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153, RECORDS OF COUNTY;
THENCE ALONG SAID WEST LINE AND THE NORTHERLY PROLONGATION THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 238.21 FEET TO SAID SOUTHERLY HIGHWAY RIGHT OF WAY LINE;
THENCE ALONG SAID SOUTHERLY LINE AND THE NORTH LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER RECORDING NO. 8705260307, SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 20.00 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON.

PARCEL H:

A 25 FOOT WIDE EASEMENT LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, SAID 25 FOOT WIDE EASEMENT LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02 DEGREES, 20 MINUTES, 33 SECONDS EAST, 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88 DEGREES, 18 MINUTES, 46 SECONDS EAST, 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE SOUTH 02 DEGREES, 20 MINUTES, 33 SECONDS WEST, 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40 DEGREES, 42 MINUTES, 10 SECONDS;
THENCE SOUTH 38 DEGREES, 21 MINUTES, 37 SECONDS EAST, 183.15 FEET TO THE TERMINUS OF SAID SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER BEARS NORTH 61 DEGREES, 04 MINUTES, 43 SECONDS WEST, 348.35 FEET, DISTANT, IN FIFE, PIERCE COUNTY, WASHINGTON.

SITUATE IN THE CITY OF FIFE, COUNTY OF PIERCE, STATE OF WASHINGTON.

EXHIBIT "B"

Subject to:

Notice of tap or connection charges which have been or will be due in connection with development or re-development of the land as disclosed by recorded instrument. Inquiries regarding the specific amount of the charges should be made to the city/county/agency.

CITY/COUNTY/AGENCY:	City of Fife
RECORDING NO.:	8203110291 and 8310240268

Unrecorded Lease:

LESSOR:	Inter-Pacific Development Company, an Oregon corporation
LESSEE:	Jack in the Box, Inc. (formerly Foodmaker, Inc.)
DATED:	August 13, 1987
AMENDED:	March 23, 1988
EXPIRES:	August 21, 2008
OPTIONS TO RENEW:	Three additional periods of 5 years each

AFFECTS PARCEL D

FINANCING STATEMENT AND THE TERMS AND CONDITIONS THEREOF:

SECURED PARTY:	CHEVRON PRODUCTS CO.
DEBTOR:	SACS MART INC.
COVERS:	
RECORDED:	FEBRUARY 10, 1997
RECORDING NO.:	9702100177

RELINQUISHMENT OF ALL EASEMENTS existing, future or potential, for access, light, view and air, and all rights of ingress, egress and regress to, from and between the land and the highway or highways to be constructed on land conveyed by deed.

TO:	STATE OF WASHINGTON
DATED:	MAY 3, 1960
RECORDED:	AUGUST 3, 1960
RECORDING NO.:	1896305

ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE SURVEY RECORDED UNDER RECORDING NO. **8308290237**.

RIGHTS OR BENEFITS, IF ANY, WHICH MAY BE DISCLOSED BY THE RECORDED DOCUMENT(S) ABOVE AFFECTING LAND OUTSIDE THE BOUNDARY DESCRIBED IN SCHEDULE A.

Restrictions imposed by instrument recorded on SEPTEMBER 6, 1983, under Recording No. 8309060169.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

PURPOSE:	INGRESS, EGRESS AND UTILITIES
AREA AFFECTED:	A PORTION OF SAID PREMISES
RECORDED:	AUGUST 13, 1984
RECORDING NO.:	8408130153

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	CITY OF FIFE, A MUNICIPAL CORPORATION
PURPOSE:	CONSTRUCTION, OPERATION, MAINTENANCE AND/OR REPAIR AND REPLACEMENT OF SANITARY SEWER LINES
AREA AFFECTED:	A PORTION OF SAID PREMISES
RECORDED:	JUNE 4, 1986
RECORDING NO.:	8606040256

ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE SURVEY RECORDED UNDER RECORDING NO. **8607250285**.

RIGHTS OR BENEFITS, IF ANY, WHICH MAY BE DISCLOSED BY THE RECORDED DOCUMENT(S) ABOVE AFFECTING LAND OUTSIDE THE BOUNDARY DESCRIBED IN SCHEDULE A.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	CABLE TV PUGET SOUND, IN., A WASHINGTON CORPORATION
PURPOSE:	CABLE TELEVISION SYSTEM
AREA AFFECTED:	A PORTION OF SAID PREMISES
RECORDED:	APRIL 22, 1987
RECORDING NO.:	8704220366

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

GRANTEE:	CITY OF FIFE
PURPOSE:	PUBLIC UTILITIES
AREA AFFECTED:	A PORTION OF SAID PREMISES
RECORDED:	MAY 26, 1987
RECORDING NO.:	8705260307

ALL COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, EASEMENTS OR OTHER SERVITUDES, IF ANY, DISCLOSED BY THE SURVEY RECORDED UNDER RECORDING NO. **8809070193**.

RIGHTS OR BENEFITS, IF ANY, WHICH MAY BE DISCLOSED BY THE RECORDED DOCUMENT(S) ABOVE AFFECTING LAND OUTSIDE THE BOUNDARY DESCRIBED IN SCHEDULE A.

EASEMENT AND THE TERMS AND CONDITIONS THEREOF:

ESTABLISHED IN CAUSE NO.:	88803
PURPOSE:	TELECTRIC TRANSMISSION LINE
AREA AFFECTED:	A PORTION OF SAID PREMISES

RELINQUISHMENT OF ALL EXISTING, FUTURE OR POTENTIAL EASEMENTS for access, light, view and air, and all rights of ingress, egress and regress to, from and between the land and the highway or highways constructed on lands condemned by proceedings under PIERCE County Superior Court.

BY:	STATE OF WASHINGTON
CAUSE NO.:	142871

DECLARATION OF BOUNDARY LINE REVISION imposed by instrument recorded on NOVEMBER 21, 1988, under Recording No. 8811210335.

AND AMENDMENTS THERETO:

RECORDED:	NOVEMBER 8, 1989
RECORDING NO.:	8911080393

AND AMENDMENTS THERETO:

RECORDED:	DECEMBER 28, 1989
RECORDING NO.:	8912280375

Unrecorded Lease:

LESSOR:	Salem Group Jouint Venture
LESSEE:	Sac's Mart, Inc.
DATED:	May 3, 1994
AMENDED:	December 14, 1995
EXPIRES:	August 20, 2014
AFFECTS:	3408-A and 3408-B Pacific Highway East, Fife, Washington

1 LCS20122587

200503040640.001

200503040640 6 PGS
03-04-2005 02:32pm $24.00
PIERCE COUNTY, WASHINGTON

After recording return to:

Law Office of Jacob L. Potak, PS
5801 Soundview Drive, Suite 258
Gig Harbor, WA 98335

STATUTORY WARRANTY DEED IN LIEU OF FORECLOSURE

THE GRANTOR, C.F.S., LLC, a Washington Limited Liability Company, for and in consideration of this deed in lieu of foreclosure of the below-mentioned trusts, conveys and warrants to Hana Hou Wailea, LLC, a Washington limited liability company, the following described real property, situated in the County of Pierce, State of Washington, ("Property"):

Parcel No. 0320111063

See Exhibit "A" 11/20/03 see pg 3-6

This Deed is an absolute conveyance of title, in effect and form. This Deed is not intended as a mortgage, trust, conveyance or security of any kind. Consideration for this Deed consists of full release of Grantor from all debts and obligations heretofore existing on account of those certain deeds of trust heretofore existing on the property, executed by C.F.S, L.L.C., grantor, to KeyBank National Association, as beneficiary, dated: May 31, 2000 and recorded as number 200006080474; dated: May 31, 2001 and recorded as number 200106210538; dated: February 10, 2003 and recorded as number 200303190701; and dated: May 12, 2003 and recorded as number 200306170262; as well as Assignments of Rents made by C.F.S., L.L.C. as assignor to KeyBank National Association as assignee dated: May 31, 2000 and recorded as number 200006080475; and dated: May 31, 2001 and recorded as number 200106210539, Official Records of Pierce County, State of Washington. This Deed, together with the associated Estoppel Affidavit, fully satisfies the indebtedness of the Deeds of Trust and terminates the Deeds of Trust and the Notes secured thereby and any effect thereof in all respects.

4074211 5 PGS
03-04-2005 02:29pm RCAROVA
EXCISE COLLECTED:$0.00
PAT MCCARTHY, AUDITOR
PIERCE COUNTY, WASHINGTON
AFF.FEE:$2.00

24-

DATED this 3rd day of March, 2005.

C.F.S., L.L.C.

By: Eugene Mudarri, Jr.
Its: Member

STATE OF WASHINGTON)
) ss.
COUNTY OF PIERCE)

On this 3rd day of March, 2005, I certify that I know or have satisfactory evidence that Eugene Mudarri, Jr. signed this document as a Member of C.F.S., LLC, and that he signed this instrument and acknowledged it to be the free and voluntary act of C.F.S., LLC, for the uses and purposes mentioned in the said foregoing instrument.

GIVEN under my hand and official seal this 3rd day of March, 2005.

CYNTHIA L. FOLEY
COMMISSION EXPIRES
NOTARY
PUBLIC
9-20-07
STATE OF WASHINGTON

Printed Name: Cynthia L. Foley
NOTARY PUBLIC in and for the State of Washington
Residing at University Place, Washington
My Commission Expires: 9-20-07

EXHIBIT A

PARCEL A:

THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SUBDIVISION;
THENCE ALONG THE NORTHERLY LINE THEREOF SOUTH 88°02'46" EAST, 332.10 FEET;
THENCE SOUTH 00°55'45" WEST, 137.55 FEET TO THE TRUE POINT OF BEGINNING;
THENCE SOUTH 88°02'46" EAST, 163.00 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE ALONG SAID EAST LINE SOUTH 00°55'45" WEST, 306.46 FEET TO THE NORTHERLY RIGHT OF WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY NO. 1) WHICH IS 100 FEET AT RIGHT ANGLES FORM THE CL 23 LINE;
THENCE NORTH 76°51'45" WEST ALONG SAID NORTHERLY RIGHT OF WAY LINE, A DISTANCE OF 59.87 FEET, TO A POINT OF CURVE;
THENCE CONTINUING ALONG SAID NORTHERLY RIGHT OF WAY MARGIN AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13°08'15" EAST HAVING A RADIUS OF 309.30 FEET, CONTAINING A CENTRAL ANGLE OF 39°17'30", AN ARC DISTANCE OF 212.11 FEET;
THENCE CONTINUING ALONG THE SAID NORTHERLY RIGHT OF WAY MARGIN NORTH 37°34'15" SECONDS WEST, 70.84 FEET;
THENCE LEAVING SAID MARGIN NORTH 50°18'03" EAST, 121.37 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE NORTHEASTERLY, NORTHERLY AND NORTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88°39'40" SECONDS;
THENCE NORTH 38°21'37" WEST, 19.31 FEET;
THENCE NORTH 51°38'23" EAST, 46.09 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON;

TOGETHER WITH A PARCEL DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH 88°02'46" EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00°55'45" WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88°02'46" EAST PARALLEL TO THE NORTH LINE OF THE SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION, AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88°02'46" EAST, A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03°39'20" WEST, A DISTANCE OF 329.53 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONVEYED TO THE STATE OF WASHINGTON
FOR PSH NO. 1, BY DEED RECORDED AUGUST 3, 1960 UNDER RECORDING NO. 1896305;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON, NORTH 76°51'46" WEST, 57.48 FEET TO A POINT ON THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11;
THENCE NORTH 00°55'45" EAST, ALONG SAID EASTERLY LINE OF THE WEST 15 ACRES, 306.46 FEET, MORE OR LESS, TO THE POINT OF BEGINNING;

PARCEL E:

PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST, 118.70 FEET TO THE SOUTHERLY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST, 340.05 FEET OT THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST, 85.00 FEET TO THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 02°20'33" WEST, 35.28 FEET TO THE SOUTH LINE OF SAID SECTION 2;
THENCE ALONG SAID SOUTH LINE NORTH 88°02'46" WEST, 7.94 FEET TO A POINT LYING 332.10 FEET EASTERLY OF SAID SOUTHWEST CORNER OF THE SOUTHEAST CORNER OF THE SOUTHEAST CORNER OF SECTION 2;
THENCE PARALLEL WITH THE EAST LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, SOUTH 00°55'45" WEST, 137.55 FEET TO THE SOUTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST, 19.09 FEET;
THENCE NORTH 38°21'31" WEST, 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153;
THENCE ALONG SAID WEST LINE NORTH 02°20'33" EAST, 153.22 FEET;
THENCE SOUTH 88°18'46" EAST, 20.00 FEET OT THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON;

TOGETHER WITH A 25 FOOT WIDE PARCEL LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, SAID STRIP LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST, 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST, 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE SOUTH 02°20'33" WEST, 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE SOUTH 38°21'37" EAST, 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER BEARS NORTH 61°04'43" WEST, 348.35 FEET, DISTANT, IN FIFE, PIERCE COUNTY, WASHINGTON;

PARCEL F:

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF AND THE WEST LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER RECORDING NO. 8705260307, NORTH 02°20'33" EAST, 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (PSH NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE AND NORTH LINE OF SAID VACATED RIGHT OF WAY, SOUTH 88°18'46" EAST, 160.01 FEET;
THENCE SOUTH 02°20'33" WEST, 84.71 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 93.50 FEET AND THE TRUE POINT OF BEGINNING;
THENCE SOUTHERLY AND SOUTHEASTERLY 66.42 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE SOUTH 38°21'37" EAST, 183.15 FEET TO THE WEST LINE OF PARCEL "A" DESCRIBED IN INSTRUMENT RECORDED MAY 11, 1987 UNDER RECORDING NO. 8705110215;
THENCE ALONG WEST LINE THE FOLLOWING FOUR COURSES:
THENCE SOUTH 51°38'23" WEST, 2.00 FEET;
THENCE SOUTH 38°21'37" EAST, 19.31 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88°39'40";
THENCE SOUTH 50°18'03" WEST, 121.37 FEET TO THE NORTHERLY RIGHT OF WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY NO. 1) WHICH IS 100 FEET AT RIGHT ANGLES FROM THE CL 23 LINE;
THENCE ALONG SAID NORTHERLY RIGHT OF WAY MARGIN THE FOLLOWING TWO COURSES:
THENCE NORTH 37°34'15" WEST, 254.36 FEET OT THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 418.30 FEET;
THENCE NORTHWESTERLY 82.56 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 11°18'29" TO THE WEST LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11 AND SAID WEST LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910;
THENCE ALONG SAID WEST LINE NORTH 00°55'45" EAST, 0.45 FEET TO THE SOUTH LINE OF THE NORTH 16.36 FEET OF SAID NORTHEAST QUARTER OF SECTION 11;
THENCE ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID SECTION 11, SOUTH 88°02'46" EAST, 159.60 FEET TO A POINT WHICH BEARS SOUTH 02°20'33" WEST FROM THE TRUE POINT OF BEGINNING;
THENCE NORTH 02°20'33" EAST, 51.08 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON;

PARCEL J-1:

THE EAST 163 FEET OF THE NORTH 137.5 FEET OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;

PARCEL J-2:

THE EAST 150 FEET OF THE WEST 490.03 FEET OF THE SOUTH 100 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;

(THE ABOVE DESCRIBED PARCELS A, E, F, J-1 AND J-2 ARE NOW KNOWN COLLECTIVELY AS LLA PARCEL 2 OF CITY OF FIFE LOT LINE ADJUSTMENT NO. LLA00-00004, RECORDED MARCH 23, 2001 UNDER RECORDING NO. 200103235010, RECORDS OF PIERCE COUNTY AUDITOR.)

SITUATE in the CITY OF Fife, County of Pierce, STATE OF WASHINGTON.

8 LCS 7012258 1

200503040667.001

200503040667 5 PGS
03-04-2005 02:40pm $23.00
PIERCE COUNTY, WASHINGTON

AFTER RECORDATION RETURN TO:
Richard R. Bernstein
452 - 157th Avenue SE
Bellevue, WA 98008

MEMORANDUM OF LEASE

This Memorandum of Lease is made as of this 3rd day of March, 2005, between Hana Hou Wailea, LLC, a Washington limited liability company ("Lessor") and Lakeside Casino, L.L.C., a Washington limited liability company ("Lessee").

In consideration of One Dollar ($1.00) and other valuable consideration paid by Lessee to Lessor and the mutual covenants contained in that certain Lease between the parties hereto dated effective as of March 1, 2005 (the "Agreement"), Lessor has leased and does hereby lease to Lessee, and Lessee has hired and does hereby hire from Lessor, upon the terms and conditions set forth in the Agreement, the real property more particularly described in Exhibit A attached hereto and made a part hereof. The term of this Agreement is until February 28, 2014. The Agreement provides options to purchase and a right of first refusal.

Lessor: Hana Hou Wailea, LLC

Noel Coon, Manager

Lessee: Lakeside Casino, L.L.C.

By: Eugene J. Mudarri, Jr., Member

STATE OF WASHINGTON)
COUNTY OF PIERCE) ss.
)

On this 3rd day of March, 2005, before me, a Notary Public in and for the State of Washington, personally appeared Noel Coon., to me known to be a Member and Manager of Hana Hou Wailea, LLC., the Washington limited liability company that executed the within and foregoing instrument and acknowledged the said instrument to be the free and voluntary act and deed of said limited liability company for the uses and purposes therein mentioned, and on oath stated that he is authorized to executed the said instrument on behalf of said limited liability company.

WITNESS MY HAND AND OFFICIAL SEAL hereto affixed the day and year first above written.

Cynthia L. Foley
(Print or Type Name)
NOTARY PUBLIC in and for the State of Washington
residing at: University Place
My commission expires: 9-20-07

CYNTHIA L. FOLEY NOTARY PUBLIC 9-20-07 STATE OF WASHINGTON

STATE OF WASHINGTON)
COUNTY OF PIERCE) ss.
)

On this 3rd day of March, 2005, before me personally appeared Eugene J. Mudarri, Jr., to me known to be a Member of Lakeside Casino, L.L.C., the Washington limited liability company that executed the within and foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said Company for the uses and purposes therein mentioned, and on oath stated that he is authorized to execute the said instrument.

WITNESS MY HAND AND OFFICIAL SEAL hereto affixed the day and year first above written.

Cynthia L. Foley
(Print or Type Name)
NOTARY PUBLIC in and for the State of Washington
residing at: University Place
My commission expires: 9-20-07

CYNTHIA L. FOLEY NOTARY PUBLIC 9-20-07 STATE OF WASHINGTON

23

EXHIBIT A

PARCEL A:

THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SUBDIVISION;
THENCE ALONG THE NORTHERLY LINE THEREOF SOUTH 88°02'46" EAST, 332.10 FEET;
THENCE SOUTH 00°55'45" WEST, 137.55 FEET TO THE TRUE POINT OF BEGINNING;
THENCE SOUTH 88°02'46" EAST, 163.00 FEET TO THE EAST LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION;
THENCE ALONG SAID EAST LINE SOUTH 00°55'45" WEST, 306.46 FEET TO THE NORTHERLY RIGHT OF WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY NO. 1) WHICH IS 100 FEET AT RIGHT ANGLES FORM THE CL 23 LINE;
THENCE NORTH 76°51'45" WEST ALONG SAID NORTHERLY RIGHT OF WAY LINE, A DISTANCE OF 59.87 FEET, TO A POINT OF CURVE;
THENCE CONTINUING ALONG SAID NORTHERLY RIGHT OF WAY MARGIN AROUND A CURVE TO THE RIGHT, THE CENTER OF WHICH BEARS NORTH 13°08'15" EAST HAVING A RADIUS OF 309.30 FEET, CONTAINING A CENTRAL ANGLE OF 39°17'30", AN ARC DISTANCE OF 212.11 FEET;
THENCE CONTINUING ALONG THE SAID NORTHERLY RIGHT OF WAY MARGIN NORTH 37°34'15" SECONDS WEST, 70.84 FEET;
THENCE LEAVING SAID MARGIN NORTH 50°18'03" EAST, 121.37 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE NORTHEASTERLY, NORTHERLY AND NORTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88°39'40" SECONDS;
THENCE NORTH 38°21'37" WEST, 19.31 FEET;
THENCE NORTH 51°38'23" EAST, 46.09 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON;

TOGETHER WITH A PARCEL DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH 88°02'46" EAST ALONG THE NORTH LINE OF SAID SUBDIVISION, A DISTANCE OF 332.10 FEET;
THENCE SOUTH 00°55'45" WEST, PARALLEL TO THE EAST LINE OF THE 15 ACRES OF SUBDIVISION, A DISTANCE OF 137.55 FEET;
THENCE SOUTH 88°02'46" EAST PARALLEL TO THE NORTH LINE OF THE SAID SUBDIVISION, A DISTANCE OF 163.00 FEET TO THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID SUBDIVISION, AND THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 88°02'46" EAST, A DISTANCE OF 65.00 FEET;
THENCE SOUTH 03°39'20" WEST, A DISTANCE OF 329.53 FEET TO THE NORTHERLY LINE OF THE PROPERTY CONVEYED TO THE STATE OF WASHINGTON
FOR PSH NO. 1, BY DEED RECORDED AUGUST 3, 1960 UNDER RECORDING NO. 1896305;
THENCE WESTERLY AND NORTHERLY ALONG SAID NORTH LINE OF PROPERTY CONVEYED TO THE STATE OF WASHINGTON, NORTH 76°51'46" WEST, 57.48 FEET TO A POINT ON THE EASTERLY LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11;
THENCE NORTH 00°55'45" EAST, ALONG SAID EASTERLY LINE OF THE WEST 15 ACRES, 306.46 FEET, MORE OR LESS, TO THE POINT OF BEGINNING;

PARCEL E:

PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST, 118.70 FEET TO THE SOUTHERLY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST, 340.05 FEET OT THE EAST LINE OF THE WEST 340.03 FEET OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG SAID EAST LINE SOUTH 02°20'33" WEST, 85.00 FEET TO THE TRUE POINT OF BEGINNING;
THENCE CONTINUING SOUTH 02°20'33" WEST, 35.28 FEET TO THE SOUTH LINE OF SAID SECTION 2;
THENCE ALONG SAID SOUTH LINE NORTH 88°02'46" WEST, 7.94 FEET TO A POINT LYING 332.10 FEET EASTERLY OF SAID SOUTHWEST CORNER OF THE SOUTHEAST CORNER OF THE SOUTHEAST CORNER OF SECTION 2;
THENCE PARALLEL WITH THE EAST LINE OF THE WEST 15 ACRES OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, SOUTH 00°55'45" WEST, 137.55 FEET TO THE SOUTH LINE OF THAT CERTAIN EASEMENT DESCRIBED IN INSTRUMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153;
THENCE LEAVING SAID SOUTH LINE SOUTH 51°38'23" WEST, 19.09 FEET;
THENCE NORTH 38°21'31" WEST, 38.92 FEET TO A POINT OF CUSP WITH A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 15.00 FEET;
THENCE EASTERLY AND NORTHEASTERLY 28.69 FEET ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 109°34'41" TO THE WEST LINE OF SAID EASEMENT RECORDED AUGUST 13, 1984 UNDER RECORDING NO. 8408130153;
THENCE ALONG SAID WEST LINE NORTH 02°20'33" EAST, 153.22 FEET;
THENCE SOUTH 88°18'46" EAST, 20.00 FEET OT THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON;

TOGETHER WITH A 25 FOOT WIDE PARCEL LYING WITHIN PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, SAID STRIP LYING 12.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHWEST CORNER OF SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF NORTH 02°20'33" EAST, 118.70 FEET TO THE SOUTHERLY HIGHWAY RIGHT OF WAY LINE DRAWN PARALLEL WITH AND 50.00 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE NO. 99, FORMERLY PRIMARY HIGHWAY NO. 1 (PACIFIC HIGHWAY);
THENCE ALONG SAID SOUTHERLY LINE SOUTH 88°18'46" EAST, 172.51 FEET TO THE TRUE POINT OF BEGINNING OF THIS CENTERLINE DESCRIPTION;
THENCE SOUTH 02°20'33" WEST, 84.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 81.00 FEET;
THENCE SOUTHERLY AND SOUTHEASTERLY 57.54 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE SOUTH 38°21'37" EAST, 183.15 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION AND FROM SAID TERMINUS SAID SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER BEARS NORTH 61°04'43" WEST, 348.35 FEET, DISTANT, IN FIFE, PIERCE COUNTY, WASHINGTON;

PARCEL F:

THOSE PORTIONS OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2 AND THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, ALL IN TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2;
THENCE ALONG THE WEST LINE THEREOF AND THE WEST LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910, RECORDED MAY 26, 1987 UNDER RECORDING NO. 8705260307, NORTH 02°20'33" EAST, 118.70 FEET TO A LINE PARALLEL WITH AND 50 FEET SOUTHERLY, WHEN MEASURED AT RIGHT ANGLES, FROM THE SURVEY LINE OF STATE HIGHWAY ROUTE 99, FORMERLY PRIMARY STATE HIGHWAY NO. 1 (PACIFIC HIGHWAY), AS SHOWN ON SHEET 10 OF THAT CERTAIN PLAN ENTITLED SR 99 (PSH NO. 1), REDONDO TO TACOMA, NOW OF RECORD AND ON FILE IN THE OFFICE OF THE SECRETARY OF TRANSPORTATION AT OLYMPIA, WASHINGTON, BEARING DATE OF APPROVAL MAY 25, 1923;
THENCE ALONG SAID PARALLEL LINE AND NORTH LINE OF SAID VACATED RIGHT OF WAY, SOUTH 88°18'46" EAST, 160.01 FEET;
THENCE SOUTH 02°20'33" WEST, 84.71 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 93.50 FEET AND THE TRUE POINT OF BEGINNING;
THENCE SOUTHERLY AND SOUTHEASTERLY 66.42 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 40°42'10";
THENCE SOUTH 38°21'37" EAST, 183.15 FEET TO THE WEST LINE OF PARCEL "A" DESCRIBED IN INSTRUMENT RECORDED MAY 11, 1987 UNDER RECORDING NO. 8705110215;
THENCE ALONG WEST LINE THE FOLLOWING FOUR COURSES:
THENCE SOUTH 51°38'23" WEST, 2.00 FEET;
THENCE SOUTH 38°21'37" EAST, 19.31 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 6.00 FEET;
THENCE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY 9.28 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 88°39'40";
THENCE SOUTH 50°18'03" WEST, 121.37 FEET TO THE NORTHERLY RIGHT OF WAY MARGIN OF STATE ROUTE 5 (PRIMARY STATE HIGHWAY NO. 1) WHICH IS 100 FEET AT RIGHT ANGLES FROM THE CL 23 LINE;
THENCE ALONG SAID NORTHERLY RIGHT OF WAY MARGIN THE FOLLOWING TWO COURSES:
THENCE NORTH 37°34'15" WEST, 254.36 FEET OT THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 418.30 FEET;
THENCE NORTHWESTERLY 82.56 FEET ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 11°18'29" TO THE WEST LINE OF SAID NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11 AND SAID WEST LINE OF RIGHT OF WAY VACATED UNDER CITY OF FIFE ORDINANCE NO. 910;
THENCE ALONG SAID WEST LINE NORTH 00°55'45" EAST, 0.45 FEET TO THE SOUTH LINE OF THE NORTH 16.36 FEET OF SAID NORTHEAST QUARTER OF SECTION 11;
THENCE ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID SECTION 11, SOUTH 88°02'46" EAST, 159.60 FEET TO A POINT WHICH BEARS SOUTH 02°20'33" WEST FROM THE TRUE POINT OF BEGINNING;
THENCE NORTH 02°20'33" EAST, 51.08 FEET TO THE TRUE POINT OF BEGINNING, IN FIFE, PIERCE COUNTY, WASHINGTON;

PARCEL J-1:

THE EAST 163 FEET OF THE NORTH 137.5 FEET OF THE WEST 15 ACRES OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;

PARCEL J-2:

THE EAST 150 FEET OF THE WEST 490.03 FEET OF THE SOUTH 100 FEET OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH, RANGE 3 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;

(THE ABOVE DESCRIBED PARCELS A, E, F, J-1 AND J-2 ARE NOW KNOWN COLLECTIVELY AS LLA PARCEL 2 OF CITY OF FIFE LOT LINE ADJUSTMENT NO. LLA00-00004, RECORDED MARCH 23, 2001 UNDER RECORDING NO. 200103235010, RECORDS OF PIERCE COUNTY AUDITOR.)

SITUATE in the CITY OF Fife, County of Pierce, STATE OF WASHINGTON.

200809230395 2 PGS
09/23/2008 12:57pm $43.00
PIERCE COUNTY, WASHINGTON

After Recording Please Return To:
Hana Hou Wailea, LLC
ATTN: Robert King. President
3091 College Park Drive
Suite 240, PMB 130
The Woodlands, TX 77384-8023

QUIT CLAIM DEED

Grantor: CITY OF FIFE, a municipal corporation
Grantee: HANA HOU WAILEA, LLC, a Washington limited liability company
Abbreviated Legal Description: PTN SE ¼ SE ¼ SEC 2 T 20 N R 3 E
Complete legal description is on pages 1 and 2 of document
Tax Parcel No.: *Portion* 0320024091

CITY OF FIFE, WASHINGTON ("Grantor"), for an in consideration of the sum of TEN AND 00/100 DOLLARS ($10.00), and other valuable consideration, hereby conveys and quit claims to HANA HOU WAILEA, LLC, a Washington limited liability company ("Grantee"), the following described real property situated in the City of Fife, Pierce County, State of Washington:

THE WEST 150.02 FEET OF THE FOLLOWING DESCRIBED PROPERTY:

> THAT PORTION OF THE SOUTHEAST QUARTER OF SECTION 2, TOWNSHIP 20 NORTH RANGE 3 EAST, W.M., DESCRIBED AS FOLLOWS:
>
> THE SOUTH 20 FEET OF A STRIP OF LAND 120 FEET WIDE BEING 70 FEET ON THE SOUTH SIDE AND 50 FEET ON THE NORTH SIDE OF THE CENTER LINE OF STATE ROAD ALSO KNOWN AS STATE ROAD #1 (PACIFIC HIGHWAY E) AS SURVEYED OVER AND ACROSS THE WEST HALF OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION AS CONVEYED TO THE STATE OF WASHINGTON BY DEED RECORDED UNDER RECORDING NO. 689862.

09/23/2008 12:37pm RCAROVA
EXCISE COLLECTED:$0.00
PAT MCCARTHY, AUDITOR
PIERCE COUNTY, WA
4198513 2 PGS
PRO.FEE:$5.00
STATE FEE:$5.00

EXCEPT THAT PORTION VACATED BY CITY OF FIFE ORDINANCE NO. 910 AND RECORDED UNDER RECORDING NO. 8705260307, RECORDS OF PIERCE COUNTY AUDITOR.

SUBJECT TO AN EASEMENT HEREBY RESERVED BY GRANTOR FOR UTILITIES PHYSICALLY LOCATED WITHIN THE AREA CONVEYED HEREIN AT THE TIME OF EXECUTION OF THIS DEED.

CONTAINING APPROXIMATELY 3000.4 SQUARE FEET.

Dated this 9th day of Sept, 2008

GRANTOR:

CITY OF FIFE

By: _____
Steve Worthington, City Manager

STATE OF WASHINGTON)
) ss.
County of Pierce)

I certify that I know or have satisfactory evidence that Steve Worthington is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath, stated that he was authorized to execute the instrument and acknowledged it as the City Manager of City of Fife to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: Sept. 9, 2008

Ida Helen Ware
NOTARY PUBLIC
Print Name: Ida Helen Ware
My appointment expires: 04/07/2010

IDA HELEN WARE
NOTARY
PUBLIC
04-07-10
STATE OF WASHINGTON

201906100519
Electronically Recorded
Pierce County, WA RJOHNSO
06/10/2019 12:59 PM
Pages: 7 Fee: $105.00

CTI 190779-TC

AFTER RECORDING, RETURN TO:

Kevin Carl
Fife Real Properties, LLC
P.O. Box 12555
Milton, WA 98354

Grantor: Hana Hou Wailea, LLC
Grantee: Fife Real Properties, LLC
Abbrev Legal: Lot 2, BLA No. 200103235010 & ptn SE ¼, STR 2-20N-3E, W.M.
Tax Account No.: 0320111067

STATUTORY WARRANTY DEED

Hana Hou Wailea, LLC, a limited liability company, Grantor, conveys and warrants to Fife Real Properties, LLC, a limited liability company, Grantee, the real property described on the attached Exhibit A, free of encumbrances except as specifically set forth on Exhibit B.

DATED this 05 day of June 2019.

HANA HOU WAILEA, LLC

By _____
Noel Coon, Manager

4500994 EXTX
Electronically Recorded
Pierce County, WA RJOHNSO
6/10/2019 12:59 PM
Pages: 3 Excise Collected: $64,080.00
Proc. Fee: $0.00 Tech Fee: $5.00

STATE OF Texas)
) ss
COUNTY OF Montgomery

The foregoing instrument is acknowledged before me this 5th day of June 2019 by Noel Coon, Manager of Hana Hou Wailea, LLC, a limited liability company, on its behalf.

Sandra Green

Notary Public in the State of ~~Washington~~ Texas

Print Name: Sandra Green

My commission expires: 4-2-2023

SANDRA GREEN
NOTARY PUBLIC
STATE OF TEXAS
ID# 130177678
EXPIRES 4-2-2023

EXHIBIT A

LEGAL DESCRIPTION

Lot 2, Boundary Line Adjustment 200103235010, according to the survey thereof recorded March 23, 2001, records of Pierce County Auditor; Together with that certain parcel conveyed by the City of Fife by Quit Claim Deed recorded September 23, 2008 under recording number 200809230395, described as follows:

The West 150.02 feet of the following described property:
That portion of the Southeast quarter of Section 2, Township 20 North, Range 3 East, W.M., described as follows:

The South 20 feet of a strip of land 120 feet wide being 70 feet on the South side and 50 feet on the North side of the center line of State Road also known as State Road #1 (Pacific Highway E) as surveyed over and across the West half of the Southeast quarter of the Southeast quarter of said section as conveyed to the State of Washington by deed recorded under recording no. 689862;

EXCEPT that portion vacated by City of Fife Ordinance No. 910 and recorded under recording number 8705260307, records of Pierce County Auditor.

Situate in the County of Pierce, State of Washington.

EXHIBIT B
PERMITTED EXCEPTIONS

1. Easement(s) for the purpose(s) shown below and rights incidental thereto as condemned:

Court:	Superior
Case No.:	88803
In favor of:	City of Tacoma
Purpose:	Electric transmission and/or distribution line
Affects:	Portion of said premises

2. Condemnation of access to State Highway and of light, view and air by Decree in favor of the

State of Washington: Superior Case Cause Number: 142871
County: Pierce

3. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	City of Tacoma
Purpose:	Electric transmission lines
Recording Date:	June 23, 1943
Recording No.:	1323757
Affects:	Portion of said premises as described therein

4. Relinquishment of access to State Highway Number 1 and of light, view and air by

Deed: Grantee:	State of Washington
Recording Date:	August 3, 1960
Recording No.:	1896305

5. Covenants, conditions, restrictions and easements but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date:	June 24, 1976
Recording No.:	2672964

6. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on Survey:

Recording No: 8308290237

Partial Release of Easement recorded under Recording Number 200305230697.

7. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: September 6, 1983
Recording No.: 8309060169

8. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: VIP's Restaurants, Inc.
Purpose: Ingress, egress and utilities
Recording Date: August 13, 1984
Recording No.: 8408130153
Affects: Portion of said premises as described therein

Amendment to Easement recorded under Recording Number 200305230695.

9. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Fife
Purpose: Sanitary sewer lines
Recording Date: June 4, 1986
Recording No.: 8606040256
Affects: Portion of said premises as described therein

10. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Cable TV Puget Sound, Inc.
Purpose: Cable television system
Recording Date: April 22, 1987
Recording No.: 8704220366
Affects: As described therein

11. Easement(s) for the purpose(s) shown below and rights incidental thereto as reserved in a document:

Reserved by: City of Fife
Purpose: Public Utilities
Recording Date: May 26, 1987
Recording No.: 8705260307
Affects: Portion of said premises

12. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on Survey:
Recording No: 8809070193
Partial Release of Easement recorded under Recording Number 200305230697.

13. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on Boundary Line Revision:

Recording No: 8811210335

Amendment of Boundary Line Revision recorded under Recording Numbers 8911080393, 8912280375 and 200305230697.

14. Waiver and Release Agreement and the terms and conditions thereof:

Recording Date: June 8, 2000
Recording No.: 200006080477

15. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on City of Fife Lot Line Adjustment No. LLA00-00004:

Recording No: 200103235010

Partial Release of Easement recorded under Recording Number 200305230697.

16. Declaration of Parking Easement and the terms and conditions thereof:

Recording Date: May 23, 2003
Recording No.: 200305230698

17. Access Agreement and the terms and conditions thereof:

Recording Date: March 17, 2006
Recording No.: 200603170541

18. Covenants, conditions, restrictions, recitals, reservations, easements, easement provisions, dedications, building setback lines, notes, statements, and other matters, if any, but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth on Survey:

Recording No: 201506025002

19. **This item intentionally deleted**

20. Matters as disclosed by Survey:
BY: PSS INC.
Dated May 20, 2019
Project No. 2019-041
Discloses: Encroachment Notes:
Side walk along existing Gas Station 2.6 FT. into site see sheet 2 of 2.
Asphalt Drive to adjoining site to the east by small building along east property line, see sheet 2 of 2.
Elevated Wooden bridge course by SE. corner of site see sheet 2.
Storm drainage pond top of slope encroaches on to the parcel to the North.

In connection to Pargraph 18 and Survey recorded under recoridng No. 201506025002
Sureyor Notes the followng:
Property is subject the Gap that exists between State Rout No.1 (Pacifi Highway E.)
And the North Right of Way line of Puget Sound Electrical railway as shown on said survey.

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***Fife RV Center (West Property), TD 4047***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   *No*_____
2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? _ *No*_____
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? ___ *No*
   _____
4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? __ *No*
   _____
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? __I am not aware of the purchase price _____
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? _ *No*
   _____

   For example, as user,

   (a) do you know the past uses of the property? __ *No*
   _____

   (b) do you know of specific chemicals that are present or once were present at the property? ___ *No*
   _____

   (c) do you know of spills or other chemical releases that have taken place at the property? __ *No*
   _____

   (d) do you know of any environmental cleanups that have taken place at the property? __ *No*
   _____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? ___ *No* _____

Appendix B

EDR Radius Map Report

LA CASA REAL DRUM
3410 PACIFIC HWY E
Tacoma, WA 98424

Inquiry Number: 6218059.2s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	1438
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3410 PACIFIC HWY E
TACOMA, WA 98424

COORDINATES

Latitude (North):	47.2422150 - 47˚ 14' 31.97''
Longitude (West):	122.3821420 - 122˚ 22' 55.71''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	546761.7
UTM Y (Meters):	5232047.5
Elevation:	20 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005109 TACOMA SOUTH, WA
Version Date:	2014
Northeast Map:	6005095 POVERTY BAY, WA
Version Date:	2014
Southeast Map:	6005097 PUYALLUP, WA
Version Date:	2014
Northwest Map:	6005511 TACOMA NORTH, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3410 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LA CASA REAL DRUM	3410 PACIFIC HWY E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...		TP
A2	FIVE RV SITE, VCP SW	3410 PACIFIC HWY	WA SPILLS		TP
A3	FIFE RV CENTER	3410 PACIFIC HWY E	WA VCP		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1 ft.
B4	GASAMAT INC	3402 PACIFIC HWY E	EDR Hist Auto	Higher	1 ft.
B5	TAHOMA EXPRESS 4	3408 PACIFIC HWY E	WA UST	Higher	76, 0.014, NNW
B6	UNOCAL SERVICE STATI	3408 PACIFIC HWY E	WA LUST, WA ALLSITES, WA CSCSL NFA, WA ASBESTOS	Higher	76, 0.014, NNW
B7	SACS MART INC	3408 PACIFIC HWY E	EDR Hist Auto	Higher	76, 0.014, NNW
B8	UNOCAL 7343	3408A PACIFIC HWY E	WA ALLSITES, WA Financial Assurance	Higher	76, 0.014, NNW
B9	UNOCAL #7343	3408 PACIFIC HWY	WA ICR	Higher	76, 0.014, NNW
C10	HOMETEL INN	3520 PACIFIC HWY E	WA VCP	Lower	213, 0.040, East
C11	HOMETEL INN	3520 PACIFIC HWY E	WA CSCSL, WA ALLSITES, FINDS	Lower	213, 0.040, East
D12	TACOMA PORT MOTOR IN	3518 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	241, 0.046, ENE
13	GLACIER MOTEL DRUG B	3401 PACIFIC HWY E	WA ALLSITES, WA SPILLS, RCRA NonGen / NLR, FINDS,...	Higher	249, 0.047, NNW
D14	CUMMINS NW INC	3701 PACIFIC HWY E	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA, RCRA...	Lower	298, 0.056, NE
D15	CUMMINS NW INC	3701 PACIFIC HWY E	WA VCP	Lower	298, 0.056, NE
E16	H&H NORTHWEST COMPAN	3309 PACIFIC AVE E	WA CSCSL, WA ALLSITES	Higher	362, 0.069, WNW
17	I-5 SB PORT OF TACOM		WA CSCSL, WA ALLSITES	Higher	426, 0.081, West
E18	TEXACO STATION 12110	3251 PACIFIC HWY S	RCRA NonGen / NLR	Lower	460, 0.087, NW
E19	FIEDLER LOWELL J	3251 PACIFIC HWY E	EDR Hist Auto	Lower	460, 0.087, NW
E20	TEXACO 63-232-0143	3251 PACIFIC HWY S	WA VCP	Lower	460, 0.087, NW
E21	TEXACO STATION 12110	3251 PACIFIC HWY S	WA CSCSL, WA LUST, WA ALLSITES, FINDS, ECHO, WA...	Lower	460, 0.087, NW
E22	PORT OF TACOMA SHELL	3251 PACIFIC HWY 99	WA UST	Lower	460, 0.087, NW
E23	TEXACO #63 232 0143	3251 PACIFIC HWY E.	WA ICR	Lower	460, 0.087, NW
E24	OCCIDENTAL CHEMICAL	PACIFIC HWY E & PORT	WA ALLSITES, RCRA NonGen / NLR, WA MANIFEST	Lower	532, 0.101, WNW
E25	PORT OF TACOMA ROAD		WA ALLSITES	Lower	534, 0.101, WNW
F26	WESTERN PETERBILT LL	3443 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	642, 0.122, South
F27	WESTERN PETERBILT LL	3443 20TH ST E	WA MANIFEST	Higher	642, 0.122, South
G28	FIFE CITY STREETWAST	3725 PACIFIC HWY E	WA SWF/LF	Lower	667, 0.126, NE
G29	FIFE VEHICLE DIV & D	3725 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	667, 0.126, NE
30	KEY BANK	1323 34TH AVE E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	714, 0.135, North
31	I5 PORT OF TACOMA RO	I5 & PORT OF TACOMA	WA ALLSITES	Higher	851, 0.161, WSW
32	PAPE MACHINERY TACOM	3607 20TH ST E	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	879, 0.166, SSE
H33	BREKKE ENTERPRISES	1320 TIDEHAVEN RD	WA ALLSITES, WA CSCSL NFA	Lower	898, 0.170, NNW
H34	BREKKE ENTERPRISES	1320 TIDEHAVEN RD	SEMS-ARCHIVE	Lower	898, 0.170, NNW
I35	ASSOCIATED PETROLUEM	3101 PACIFIC HWY E	WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	957, 0.181, WNW
I36	GOODYEAR COMMERCIAL	3101 PACIFIC HWY E	RCRA-LQG, FINDS, ECHO	Lower	957, 0.181, WNW
J37	LOVE'S TRAVEL STOP #	1501 33RD AVE E	WA UST, WA ICR	Lower	981, 0.186, NNW
J38	FLYING J TRAVEL PLAZ	1501 33RD AVE E	WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS	Lower	981, 0.186, NNW

MAPPED SITES SUMMARY

Target Property Address:
3410 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J39	LOVE'S TRAVEL STOP #	1501 33RD AVE E	WA ALLSITES, WA SPILLS, WA Financial Assurance, WA...	Lower	981, 0.186, NNW
J40	FLYING J TRAVEL PLAZ	1501 33RD AVE E	WA VCP	Lower	981, 0.186, NNW
41	ABRA AUTO BODY AND G	3909 PACIFIC HWY E	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS, CA...	Lower	990, 0.188, NNE
K42	UNION PACIFIC RR FIF	3330 20TH ST E	RCRA-VSQG, WA SPILLS	Higher	1011, 0.191, SSW
K43	UNION PACIFIC RAIL Y	3330 20TH ST	WA SPILLS, WA MANIFEST	Higher	1011, 0.191, SSW
44	GERBER COLLISION & G	3701 20TH ST SE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	1037, 0.196, SE
L45	SIERRA SANDBLASTING	3402 12TH ST E	WA VCP	Lower	1093, 0.207, North
L46	SIERRA SANDBLASTING	3402 12TH ST E	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR	Lower	1093, 0.207, North
L47	WESCRAFT RV & TRUCK	3402 12TH ST E	RCRA-VSQG	Lower	1093, 0.207, North
L48	WESCRAFT RV & TRUCK	3402 12TH ST E	WA ALLSITES, WA MANIFEST	Lower	1093, 0.207, North
49	JET AUTO WRECKING	3901 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA	Lower	1105, 0.209, ENE
I50	SAMS TIRE SERVICE IN	3110 PACIFIC HWY	WA UST, WA ALLSITES, FINDS	Lower	1143, 0.216, WNW
51	LEXUS OF FIFE PARKIN	3914 PACIFIC HWY E	WA ALLSITES	Lower	1187, 0.225, East
L52	DIESING PROPERTY PAR	3518 12TH ST E	WA VCP	Lower	1223, 0.232, North
L53	DIESING PROPERTY PAR	3518 12TH ST E	WA ALLSITES, WA CSCSL NFA	Lower	1223, 0.232, North
M54	CAPPA PROPERTY	3801 20TH ST E	WA VCP	Lower	1265, 0.240, SE
M55	BREMERTON TACOMA STA	3801 20TH AVE E	WA CSCSL, WA UST, WA ALLSITES, FINDS	Lower	1265, 0.240, SE
56	PORT OF TACOMA RD I5	PORT OF TACOMA RD &	WA CSCSL, WA ALLSITES	Higher	1277, 0.242, SW
N57	COGDALL CONSTRUCTION	3600 E INDUSTRY DR E	RCRA NonGen / NLR	Lower	1299, 0.246, SSE
N58	COGDALL CONSTRUCTION	3600 E INDUSTRY DR E	WA ALLSITES, WA MANIFEST	Lower	1299, 0.246, SSE
N59	FEDERAL EXPRESS CORP	3600 INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1299, 0.246, SSE
60	PROGRESS RAIL SERVIC	4012 SR 509 S FRONTA	RCRA-SQG, WA ALLSITES, WA CSCSL NFA, FINDS, ECHO,...	Lower	1342, 0.254, NNE
61	PCT PAVING REPAIRS	3600 PORT OF TACOMA	WA ALLSITES, WA SPILLS	Lower	1442, 0.273, NW
O62	WES CRAFT RV & MARIN	3151 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1446, 0.274, SW
P63	DAUPHIN SITE	2911 PACIFIC HWY E	SEMS	Lower	1455, 0.276, WNW
P64	OCCIDENTAL CHEMICAL-	2911 PACIFIC HWY E	WA SWF/LF	Lower	1455, 0.276, WNW
P65	DAUPHIN SITE	2911 PACIFIC HWY E	WA HSL, WA CSCSL, WA VCP, WA ALLSITES, FINDS	Lower	1455, 0.276, WNW
Q66	NORTHWEST MINI	3901 20TH ST E	WA ALLSITES	Lower	1460, 0.277, SE
P67	SOON MU LEE VACANT L	2909 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA	Lower	1460, 0.277, WNW
P68	SOON MU LEE VACANT L	2909 PACIFIC HWY E	WA VCP	Lower	1460, 0.277, WNW
R69	PM TESTING LAB INC P	3921 PACIFIC HWY E	WA VCP	Lower	1464, 0.277, ENE
R70	PM TESTING LAB INC P	3921 PACIFIC HWY E	RCRA-LQG, WA ALLSITES, WA CSCSL NFA, FINDS, ECHO,...	Lower	1464, 0.277, ENE
O71	MODERN PRINTING GRAP	3216 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1476, 0.280, SW
O72	CRESCENT LIGHTING -	3214 20TH STREET EAS	WA SWRCY	Lower	1479, 0.280, SW
O73	WEST MARINE 00024	3212 20TH ST E	WA ALLSITES, WA MANIFEST	Lower	1482, 0.281, SW
74	UNION PACIFIC RAILRO		WA CSCSL, WA ALLSITES	Lower	1490, 0.282, SSW
O75	FIFE METROPLEX CARDL	3200 20TH ST E	WA CSCSL, WA LUST, WA ALLSITES, WA PTAP	Lower	1513, 0.287, SW
O76	FIFE METROPLEX CARDL	3200 20TH ST E	WA VCP	Lower	1513, 0.287, SW
77	LEXUS OF TACOMA AT F	1708 40TH AVE CT E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	1521, 0.288, East

MAPPED SITES SUMMARY

Target Property Address:
3410 PACIFIC HWY E
TACOMA, WA 98424

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q78	MORNING SUN INC	3500 20TH ST E BLDG	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	1554, 0.294, SE
O79	BASF TRAINING CENTER	3077 20TH ST E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1581, 0.299, SW
S80	HAWLEY MARINE	4001 20TH NE	WA VCP	Lower	1600, 0.303, ESE
S81	HOLLY MARINA	4001 20TH NE	WA CSCSL, WA LUST, WA ICR, WA ALLSITES	Lower	1600, 0.303, ESE
82	JAGUAR LANDROVER VOL	1601 40TH AVE CT E	WA ALLSITES	Lower	1651, 0.313, East
83	AUTO WAREHOUSING CO	3715 SR 509 N FRONTA	WA ALLSITES	Lower	1667, 0.316, NNE
84	PIERCE COUNTY TERMIN	SR 509 PORT OF TACOM	WA ALLSITES	Lower	1691, 0.320, NNW
T85	LNG FUELING STATION	3013 20TH ST E	WA ALLSITES	Lower	1696, 0.321, SW
86	PACIFIC HWY EAST PRE		WA ALLSITES	Lower	1704, 0.323, West
87	GCR TIRE CENTER 4247	4107 PACIFIC HWY E	WA ALLSITES, WA ASBESTOS	Lower	1778, 0.337, East
T88	DIKE ACCESS ROAD DRU	DIKE ACCESS RD & 20T	WA ALLSITES, RCRA NonGen / NLR	Lower	1852, 0.351, SW
89	BMW NORTHWEST INC	4011 20TH ST E	WA ALLSITES	Lower	1896, 0.359, ESE
U90	CLOSETMAID	3900 INDUSTRY DR E S	WA ALLSITES, FINDS	Lower	1925, 0.365, SE
U91	INK INC INDUSTRY DR	3900F INDUSTRY DR E	WA ALLSITES, RCRA NonGen / NLR	Lower	1929, 0.365, SE
V92	WW GRAINGER INC 755	2802 PACIFIC HWY E	WA ALLSITES, FINDS	Lower	1999, 0.379, West
V93	BOITANO SITE	2800 PACIFIC HWY E	WA ALLSITES, WA CSCSL NFA, RCRA NonGen / NLR,...	Lower	2004, 0.380, West
W94	NC MACHINERY COMPANY	2603 PACIFIC HWY E	RCRA-VSQG, WA LUST, WA ALLSITES, WA CSCSL NFA, WA.	Lower	2010, 0.381, WNW
W95	NC MACHINERY COMPANY	2603 PACIFIC HWY E	WA VCP	Lower	2010, 0.381, WNW
V96	UW PHYTOREMEDIATION	2801 PACFIC HWY E	WA ALLSITES, WA MANIFEST	Lower	2023, 0.383, West
X97	NISSAN OF FIFE	1700 ALEXANDER AVE E	WA ALLSITES	Lower	2025, 0.384, East
98	COAST ENGINE & EQUIP	4012 SR 509 S FRONTA	WA VCP	Lower	2026, 0.384, NE
U99	PENSKE TRUCK LEASING	2105 FRANK ALBERT RD	WA ALLSITES, FINDS	Lower	2089, 0.396, SE
100	COSTCO BUSINESS CENT	3900 20TH ST E	WA ALLSITES, WA MANIFEST	Lower	2091, 0.396, ESE
101	BMW NORTHWEST VEHICL	1902 GOLDAU RD E	WA ALLSITES	Lower	2107, 0.399, ESE
X102	LARSON AUTOMOTIVE FI	1701 ALEXANDER AVE E	WA ALLSITES	Lower	2156, 0.408, East
103	RUSHFORTH CONSTRUCTI	1308 ALEXANDER AVE E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	2199, 0.416, ENE
Y104	SUSAN KAELIN PROPERT	1409 ALEXANDER AVE E	WA ALLSITES, WA CSCSL NFA	Lower	2240, 0.424, ENE
Y105	SUSAN KAELIN PROPERT	1409 ALEXANDER AVE E	WA VCP	Lower	2240, 0.424, ENE
106	SPECIALTY WOOD MFG C	2614 PACIFIC HWY E	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	2247, 0.426, West
Z107	AUTO WAREHOUSING CO	3715 E WEST RD	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	2253, 0.427, NE
Z108	MARINE TERMINAL CORP	4015 SR 509 N FRONTA	WA ALLSITES, WA MANIFEST	Lower	2307, 0.437, NE
109	AMERICOLD	1301 26TH AVE E	WA ALLSITES, WA NPDES	Lower	2458, 0.466, WNW
110	PACIFIC XPRESS	4310 PACIFIC HWY E	WA CSCSL, WA ALLSITES, WA SPILLS, WA Financial...	Lower	2491, 0.472, East
111	HONDA OF FIFE	4301 20TH ST E	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES,...	Lower	2570, 0.487, ESE
112	WSDOT I-5 RIVER RD S		WA CSCSL, WA ALLSITES	Higher	2584, 0.489, SW
AA113	MURRAY PACIFIC TIMBE	3209 PORT OF TACOMA	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	2626, 0.497, NNW
AA114	KAWASAKI THERMAL SYS	3205A PORT OF TACOMA	WA ALLSITES	Lower	2631, 0.498, NNW
AA115	DINOL US INC TACOMA	3205 PORT OF TACOMA	WA ALLSITES	Lower	2632, 0.498, NNW
116	PORTAC INC TACOMA	4215 SR 509 E FRONTA	WA CSCSL, WA ALLSITES, WA MANIFEST	Lower	2957, 0.560, NE

MAPPED SITES SUMMARY

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3410 PACIFIC HWY E
TACOMA, WA 98424

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
117	UNION PACIFIC RR FIF	2700-3330 20TH ST E	WA HSL, WA CSCSL, WA ALLSITES, WA NPDES	Lower	3096, 0.586, WSW
118	ERKER & SON TEXACO	2311 PACIFIC HWY E	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	3496, 0.662, West
119	VENEER CHIP TRANSPOR	2205 PACIFIC HWY E	WA HSL, WA CSCSL, WA ALLSITES, WA SPILLS, RCRA...	Lower	3915, 0.741, West
120	PETARCIK SITE	911 PACIFIC HWY E	WA CSCSL, WA ALLSITES, FINDS	Lower	4099, 0.776, East
121	PACIFIC COAST TRUCK	2312 MILWAUKEE WAY	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES,...	Lower	4387, 0.831, WNW
122	2660 FRANK ALBERT RD	2660 FRANK ALBERT RD	WA CSCSL, WA ALLSITES, WA SPILLS, WA ASBESTOS	Higher	4582, 0.868, SE
123	UPS TACOMA	5001 20TH ST E	RCRA-VSQG, WA CSCSL, WA LUST, WA UST, WA ALLSITES,	Lower	4914, 0.931, ESE
124	TOPPING VOLVO	5111 20TH ST E	RCRA-VSQG, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	5199, 0.985, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LA CASA REAL DRUM 3410 PACIFIC HWY E FIFE, WA 98421	WA CSCSL Site Status: Cleanup Started Clean Up Siteid: 13173 Facility ID: 7907 Soil: Suspected Soil: Confirmed Above Cleanup Levels Soil: Below Cleanup Levels Ground Water: Suspected Ground Water: Confirmed Above Cleanup Levels Ground Water: Below Cleanup Levels Contaminant Name: Arsenic Contaminant Name: Benzene Contaminant Name: Halogenated Solvents Contaminant Name: Lead Contaminant Name: Mercury **Additional key fields are available in the Map Findings section*	WA0000857136
	WA ALLSITES Facility Id: 7907 Facility Id: 72234718	
	RCRA NonGen / NLR EPA ID:: WA0000857136	
	FINDS Registry ID:: 110070566023 Registry ID:: 110006459590	
	ECHO Registry ID: 110006459590	
FIVE RV SITE, VCP SW 3410 PACIFIC HWY FIFE, WA	WA SPILLS Facility ID: 98246	N/A
FIFE RV CENTER 3410 PACIFIC HWY E FIFE, WA 98424	WA VCP VCP: TRUE Facility ID: 7907 VCP: TRUE Cleanup Siteid: 13173	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
WA AST ..... Aboveground Storage Tank Locations
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

WA INST CONTROL ..... Institutional Control Site List

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

WA BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
WA CDL..... Clandestine Drug Lab Contaminated Site List
WA HIST CDL..... List of Sites Contaminated by Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register
WA AQUEOUS FOAM..... Firefighting Foam Incidents
WA PFAS..... PFAS Contamination Site Location Listing

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
WA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans

EXECUTIVE SUMMARY

RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
WA AIRS	Washington Emissions Data System
WA COAL ASH	Coal Ash Disposal Site Listing
WA DRYCLEANERS	Drycleaner List
WA Inactive Drycleaners	Inactive Drycleaners
WA UIC	Underground Injection Wells Listing
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WA RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
WA RGA LF	Recovered Government Archive Solid Waste Facilities List
WA RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAUPHIN SITE Site ID: 1000847 EPA Id: WAD980514566	2911 PACIFIC HWY E	WNW 1/4 - 1/2 (0.276 mi.)	P63	711

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BREKKE ENTERPRISES Site ID: 1000933 EPA Id: WAD980664874	1320 TIDEHAVEN RD	NNW 1/8 - 1/4 (0.170 mi.)	H34	337

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GOODYEAR COMMERCIAL EPA ID:: WAD988509170	***3101 PACIFIC HWY E***	***WNW 1/8 - 1/4 (0.181 mi.)***	***I36***	***345***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION PACIFIC RR FIF EPA ID:: WAD988511390	***3330 20TH ST E***	***SSW 1/8 - 1/4 (0.191 mi.)***	***K42***	***417***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESCRAFT RV & TRUCK EPA ID:: WAH000034144	3402 12TH ST E	N 1/8 - 1/4 (0.207 mi.)	L47	487

State- and tribal - equivalent NPL

WA HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the WA HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there are 5 WA HSL sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAUPHIN SITE Facility Type: Hazardous Sites List FSID Number: 1281 Facility Status: Awaiting Cleanup	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.276 mi.)***	***P65***	***713***
AUTO WAREHOUSING CO Facility Type: Hazardous Sites List FSID Number: 97814788 Facility Status: Cleanup Started	***3715 E WEST RD***	***NE 1/4 - 1/2 (0.427 mi.)***	***Z107***	***1164***
UNION PACIFIC RR FIF	***2700-3330 20TH ST E***	***WSW 1/2 - 1 (0.586 mi.)***	***117***	***1209***

Facility Type: Hazardous Sites List
FSID Number: 28881
Facility Status: Cleanup Started

ERKER & SON TEXACO	***2311 PACIFIC HWY E***	***W 1/2 - 1 (0.662 mi.)***	***118***	***1210***

Facility Type: Hazardous Sites List
FSID Number: 34147781
Facility Status: Awaiting Cleanup

VENEER CHIP TRANSPOR	***2205 PACIFIC HWY E***	***W 1/2 - 1 (0.741 mi.)***	***119***	***1215***

Facility Type: Hazardous Sites List
FSID Number: 42252532
Facility Status: Awaiting Cleanup

State- and tribal - equivalent CERCLIS

WA CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the WA CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 27 WA CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
H&H NORTHWEST COMPAN	***3309 PACIFIC AVE E***	***WNW 0 - 1/8 (0.069 mi.)***	***E16***	***59***

Site Status: Cleanup Started
Clean Up Siteid: 15049
Facility ID: 32616
Soil: Suspected
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Halogenated Solvents
Contaminant Name: Lead
Contaminant Name: Mercury
**Additional key fields are available in the Map Findings section*

I-5 SB PORT OF TACOM		***W 0 - 1/8 (0.081 mi.)***	***17***	***64***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14911
Facility ID: 70333
Soil: Suspected
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

PORT OF TACOMA RD I5	***PORT OF TACOMA RD &***	***SW 1/8 - 1/4 (0.242 mi.)***	***56***	***530***

Site Status: Cleanup Started
Clean Up Siteid: 14414
Facility ID: 553914
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline

WSDOT I-5 RIVER RD S — ***SW 1/4 - 1/2 (0.489 mi.)*** — ***112*** — ***1191***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13046
Facility ID: 5717
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

2660 FRANK ALBERT RD — ***2660 FRANK ALBERT RD*** — ***SE 1/2 - 1 (0.868 mi.)*** — ***122*** — ***1266***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12943
Facility ID: 24529
Soil: Remediated-Above
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOMETEL INN	***3520 PACIFIC HWY E***	***E 0 - 1/8 (0.040 mi.)***	***C11***	***31***

Site Status: Cleanup Started
Clean Up Siteid: 4697
Facility ID: 6088860
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

TEXACO STATION 12110 — ***3251 PACIFIC HWY S*** — ***NW 0 - 1/8 (0.087 mi.)*** — ***E21*** — ***98***
Site Status: Cleanup Started
Clean Up Siteid: 10499
Facility ID: 77832375
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

KEY BANK — ***1323 34TH AVE E*** — ***N 1/8 - 1/4 (0.135 mi.)*** — ***30*** — ***305***
Site Status: Awaiting Cleanup
Clean Up Siteid: 15216
Facility ID: 4888443
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Petroleum-Other

ASSOCIATED PETROLUEM — ***3101 PACIFIC HWY E*** — ***WNW 1/8 - 1/4 (0.181 mi.)*** — ***I35*** — ***338***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14762
Facility ID: 94129688

Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Lead
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

FLYING J TRAVEL PLAZ	***1501 33RD AVE E***	***NNW 1/8 - 1/4 (0.186 mi.)***	***J38***	***377***

Site Status: Cleanup Started
Clean Up Siteid: 6909
Facility ID: 94359448
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline

SIERRA SANDBLASTING	***3402 12TH ST E***	***N 1/8 - 1/4 (0.207 mi.)***	***L46***	***456***

Site Status: Cleanup Started
Clean Up Siteid: 2642
Facility ID: 44654631
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants

BREMERTON TACOMA STA	***3801 20TH AVE E***	***SE 1/8 - 1/4 (0.240 mi.)***	***M55***	***527***

Site Status: Cleanup Started
Clean Up Siteid: 4530
Facility ID: 17456541
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

DAUPHIN SITE	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.276 mi.)***	***P65***	***713***

Site Status: Awaiting Cleanup
Clean Up Siteid: 3826
Facility ID: 1281
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Corrosive Wastes
Contaminant Name: Halogenated Organics

UNION PACIFIC RAILRO		***SSW 1/4 - 1/2 (0.282 mi.)***	***74***	***975***

Site Status: Cleanup Started
Clean Up Siteid: 14701
Facility ID: 75347
Soil: Suspected
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

FIFE METROPLEX CARDL	***3200 20TH ST E***	***SW 1/4 - 1/2 (0.287 mi.)***	***O75***	***978***

Site Status: Cleanup Started
Clean Up Siteid: 5931
Facility ID: 35377551
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Petroleum-Diesel
Contaminant Name: Methyl tertiary-butyl ether
Contaminant Name: Petroleum Products-Unspecified

HOLLY MARINA ***4001 20TH NE*** ***ESE 1/4 - 1/2 (0.303 mi.)*** ***S81*** ***1034***
Site Status: Cleanup Started
Clean Up Siteid: 9381
Facility ID: 47746788
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

AUTO WAREHOUSING CO ***3715 E WEST RD*** ***NE 1/4 - 1/2 (0.427 mi.)*** ***Z107*** ***1164***
Site Status: Cleanup Started
Clean Up Siteid: 6974
Facility ID: 97814788
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

PACIFIC XPRESS ***4310 PACIFIC HWY E*** ***E 1/4 - 1/2 (0.472 mi.)*** ***110*** ***1171***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14611
Facility ID: 48521859
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

HONDA OF FIFE ***4301 20TH ST E*** ***ESE 1/4 - 1/2 (0.487 mi.)*** ***111*** ***1175***
Site Status: Cleanup Started
Clean Up Siteid: 10299
Facility ID: 72856623
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

PORTAC INC TACOMA ***4215 SR 509 E FRONTA*** ***NE 1/2 - 1 (0.560 mi.)*** ***116*** ***1201***
Site Status: Cleanup Started
Clean Up Siteid: 3642
Facility ID: 1215
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Remediated
Contaminant Name: Arsenic
Contaminant Name: Asbestos
Contaminant Name: Metals - Other
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
**Additional key fields are available in the Map Findings section*

Surface Water: Remediated

UNION PACIFIC RR FIF ***2700-3330 20TH ST E*** ***WSW 1/2 - 1 (0.586 mi.)*** ***117*** ***1209***
Site Status: Cleanup Started
Clean Up Siteid: 3194
Facility ID: 28881
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

ERKER & SON TEXACO ***2311 PACIFIC HWY E*** ***W 1/2 - 1 (0.662 mi.)*** ***118*** ***1210***
Site Status: Awaiting Cleanup
Clean Up Siteid: 8784
Facility ID: 34147781
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

VENEER CHIP TRANSPOR ***2205 PACIFIC HWY E*** ***W 1/2 - 1 (0.741 mi.)*** ***119*** ***1215***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4705
Facility ID: 42252532
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

PETARCIK SITE ***911 PACIFIC HWY E*** ***E 1/2 - 1 (0.776 mi.)*** ***120*** ***1244***
Site Status: CC-O&M/Monitoring
Clean Up Siteid: 4327
Facility ID: 1214
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Corrosive Wastes
Contaminant Name: Halogenated Organics

PACIFIC COAST TRUCK ***2312 MILWAUKEE WAY*** ***WNW 1/2 - 1 (0.831 mi.)*** ***121*** ***1246***
Site Status: Cleanup Started
Clean Up Siteid: 9253
Facility ID: 44861274
Soil: Remediated-Below
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Other

UPS TACOMA ***5001 20TH ST E*** ***ESE 1/2 - 1 (0.931 mi.)*** ***123*** ***1276***
Site Status: Cleanup Started
Clean Up Siteid: 9888
Facility ID: 61525354
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels

Soil: Remediated-Below
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

TOPPING VOLVO	***5111 20TH ST E***	***ESE 1/2 - 1 (0.985 mi.)***	***124***	***1417***

Site Status: Cleanup Started
Clean Up Siteid: 8409
Facility ID: 24191258
Soil: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

State and tribal landfill and/or solid waste disposal site lists

WA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the WA SWF/LF list, as provided by EDR, has revealed that there are 2 WA SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIFE CITY STREETWAST	3725 PACIFIC HWY E	NE 1/8 - 1/4 (0.126 mi.)	G28	263

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Pile Used for Storage or Treatment
Permit No: 27-720
Facility ID: 1449
Permit Status: Permitted

OCCIDENTAL CHEMICAL-	2911 PACIFIC HWY E	WNW 1/4 - 1/2 (0.276 mi.)	P64	712

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Historic Landfill (non-regulated)
Facility ID: 2176

State and tribal leaking storage tank lists

WA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the WA LUST list, as provided by EDR, has revealed that there are 10 WA LUST sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	***3408 PACIFIC HWY E***	***NNW 0 - 1/8 (0.014 mi.)***	***B6***	***23***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/04/1990
LUST Date: 08/16/1993
Facility Status: LUST - NFA
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5015
Soil: Confirmed Above Cleanup Levels
Facility ID: 1340

Lower Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC	***3701 PACIFIC HWY E***	***NE 0 - 1/8 (0.056 mi.)***	***D14***	***42***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/18/2002
LUST Date: 04/03/2003
Facility Status: LUST - NFA
Cleanup Site ID: 3585
Soil: Confirmed Above Cleanup Levels
Facility ID: 32435394

TEXACO STATION 12110	***3251 PACIFIC HWY S***	***NW 0 - 1/8 (0.087 mi.)***	***E21***	***98***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 12/18/1990
LUST Date: 01/16/2001
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 10499
Soil: Confirmed Above Cleanup Levels
Facility ID: 77832375

ASSOCIATED PETROLUEM	***3101 PACIFIC HWY E***	***WNW 1/8 - 1/4 (0.181 mi.)***	***I35***	***338***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/15/2018
LUST Date: 06/15/2018
Facility Status: LUST - Awaiting Cleanup
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 14762
Soil: Confirmed Above Cleanup Levels
Facility ID: 94129688

FLYING J TRAVEL PLAZ	***1501 33RD AVE E***	***NNW 1/8 - 1/4 (0.186 mi.)***	***J38***	***377***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 07/26/2013
Release Date: 04/06/1992
LUST Date: 11/14/2013
LUST Date: 09/15/1995
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6909
Soil: Confirmed Above Cleanup Levels
Facility ID: 94359448

FIFE METROPLEX CARDL	***3200 20TH ST E***	***SW 1/4 - 1/2 (0.287 mi.)***	***O75***	***978***

Database: LUST, Date of Government Version: 05/12/2020

Release Date: 08/15/2002
LUST Date: 07/26/2019
Facility Status: LUST - Cleanup Started
Ground Water: Remediated
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5931
Soil: Confirmed Above Cleanup Levels
Facility ID: 35377551

HOLLY MARINA ***4001 20TH NE*** ***ESE 1/4 - 1/2 (0.303 mi.)*** ***S81*** ***1034***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 09/08/1993
LUST Date: 03/09/2017
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 9381
Soil: Confirmed Above Cleanup Levels
Facility ID: 47746788

NC MACHINERY COMPANY ***2603 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.381 mi.)*** ***W94*** ***1059***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 02/20/1991
LUST Date: 10/02/2002
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Cleanup Site ID: 6766
Soil: Confirmed Above Cleanup Levels
Facility ID: 85298548

AUTO WAREHOUSING CO ***3715 E WEST RD*** ***NE 1/4 - 1/2 (0.427 mi.)*** ***Z107*** ***1164***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/11/1990
LUST Date: 05/18/2006
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6974
Soil: Confirmed Above Cleanup Levels
Facility ID: 97814788

HONDA OF FIFE ***4301 20TH ST E*** ***ESE 1/4 - 1/2 (0.487 mi.)*** ***111*** ***1175***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/12/1999
LUST Date: 06/22/2000
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 10299
Soil: Confirmed Above Cleanup Levels
Facility ID: 72856623

State and tribal registered storage tank lists

WA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the WA UST list, as provided by EDR, and dated 05/12/2020 has revealed that there are 9

EXECUTIVE SUMMARY

WA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TAHOMA EXPRESS 4 Facility ID: 1340 Tank Status: Operational Tank Status: Removed - No Site Assessment Found Site Id: 318018	3408 PACIFIC HWY E	NNW 0 - 1/8 (0.014 mi.)	B5	20

Lower Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC Facility ID: 32435394 Tank Status: Removed Site Id: 1095	***3701 PACIFIC HWY E***	***NE 0 - 1/8 (0.056 mi.)***	***D14***	***42***
PORT OF TACOMA SHELL Facility ID: 77832375 Tank Status: Operational Site Id: 423934	3251 PACIFIC HWY 99	NW 0 - 1/8 (0.087 mi.)	E22	116
PAPE MACHINERY TACOM Facility ID: 72626264 Tank Status: Exempt Tank Status: Removed Site Id: 2926	***3607 20TH ST E***	***SSE 1/8 - 1/4 (0.166 mi.)***	***32***	***311***
ASSOCIATED PETROLUEM Facility ID: 94129688 Tank Status: Operational Site Id: 4691	***3101 PACIFIC HWY E***	***WNW 1/8 - 1/4 (0.181 mi.)***	***I35***	***338***
LOVE'S TRAVEL STOP # Facility ID: 94359448 Tank Status: Operational Tank Status: Closure in Process Tank Status: Closed in Place Site Id: 97690	***1501 33RD AVE E***	***NNW 1/8 - 1/4 (0.186 mi.)***	***J37***	***367***
ABRA AUTO BODY AND G Facility ID: 52994962 Tank Status: Removed Site Id: 7083	***3909 PACIFIC HWY E***	***NNE 1/8 - 1/4 (0.188 mi.)***	***41***	***386***
SAMS TIRE SERVICE IN Facility ID: 3799146 Tank Status: Removed Site Id: 100054	***3110 PACIFIC HWY***	***WNW 1/8 - 1/4 (0.216 mi.)***	***I50***	***524***
BREMERTON TACOMA STA Facility ID: 29574255 Tank Status: Removed Site Id: 8286	***3801 20TH AVE E***	***SE 1/8 - 1/4 (0.240 mi.)***	***M55***	***527***

State and tribal voluntary cleanup sites

WA VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the WA VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there are 15 WA VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOMETEL INN Facility ID: 6088860 Cleanup Siteid: 4697	3520 PACIFIC HWY E	E 0 - 1/8 (0.040 mi.)	C10	30
CUMMINS NW INC Date NFA: 2003-04-03 VCP: NFA Facility ID: 32435394 Date NFA: 2003-04-03 VCP: NFA Cleanup Siteid: 3585	3701 PACIFIC HWY E	NE 0 - 1/8 (0.056 mi.)	D15	58
TEXACO 63-232-0143 Facility ID: 77832375 Cleanup Siteid: 10499	3251 PACIFIC HWY S	NW 0 - 1/8 (0.087 mi.)	E20	98
FLYING J TRAVEL PLAZ VCP: TRUE Facility ID: 94359448 VCP: TRUE Cleanup Siteid: 6909	1501 33RD AVE E	NNW 1/8 - 1/4 (0.186 mi.)	J40	385
SIERRA SANDBLASTING Facility ID: 44654631 Cleanup Siteid: 2642	3402 12TH ST E	N 1/8 - 1/4 (0.207 mi.)	L45	455
DIESING PROPERTY PAR Date NFA: 2016-10-11 VCP: NFA Facility ID: 38554597 Date NFA: 2016-10-11 VCP: NFA Cleanup Siteid: 1674	3518 12TH ST E	N 1/8 - 1/4 (0.232 mi.)	L52	525
CAPPA PROPERTY Facility ID: 17456541 Cleanup Siteid: 4530	3801 20TH ST E	SE 1/8 - 1/4 (0.240 mi.)	M54	526
DAUPHIN SITE Facility ID: 1281 Cleanup Siteid: 3826	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.276 mi.)***	***P65***	***713***
SOON MU LEE VACANT L Date NFA: 2013-08-19 VCP: NFA Facility ID: 39223129 Date NFA: 2013-08-19 VCP: NFA Cleanup Siteid: 2199	2909 PACIFIC HWY E	WNW 1/4 - 1/2 (0.277 mi.)	P68	716
PM TESTING LAB INC P	3921 PACIFIC HWY E	ENE 1/4 - 1/2 (0.277 mi.)	R69	716

Date NFA: 1997-11-14 VCP: NFA Facility ID: 98132319 Date NFA: 1997-11-14 VCP: NFA Cleanup Siteid: 2761				
FIFE METROPLEX CARDL Facility ID: 35377551 Cleanup Siteid: 5931	3200 20TH ST E	SW 1/4 - 1/2 (0.287 mi.)	O76	981
HAWLEY MARINE VCP: TRUE Facility ID: 47746788 VCP: TRUE Cleanup Siteid: 9381	4001 20TH NE	ESE 1/4 - 1/2 (0.303 mi.)	S80	1034
NC MACHINERY COMPANY Date NFA: 2002-10-02 VCP: NFA Facility ID: 85298548 Date NFA: 2002-10-02 VCP: NFA Cleanup Siteid: 6766	2603 PACIFIC HWY E	WNW 1/4 - 1/2 (0.381 mi.)	W95	1104
COAST ENGINE & EQUIP Date NFA: 2016-09-16 VCP: NFA Facility ID: 26693246 Date NFA: 2016-09-16 VCP: NFA Cleanup Siteid: 4267	4012 SR 509 S FRONTA	NE 1/4 - 1/2 (0.384 mi.)	98	1111
SUSAN KAELIN PROPERT Date NFA: 2001-11-20 VCP: NFA Facility ID: 84439736 Date NFA: 2001-11-20 VCP: NFA Cleanup Siteid: 3617	1409 ALEXANDER AVE E	ENE 1/4 - 1/2 (0.424 mi.)	Y105	1154

WA ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 5 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #7343 Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 11/02/92 Media Contaminated: GW,S	3408 PACIFIC HWY	NNW 0 - 1/8 (0.014 mi.)	B9	30

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEXACO #63 232 0143	3251 PACIFIC HWY E.	NW 0 - 1/8 (0.087 mi.)	E23	118

Contaminants Found at Site: 6
Type of Report Ecology Received: I
Date Ecology Received Report: 10/23/97
Date Ecology Received Report: 06/08/98
Date Ecology Received Report: 02/26/98
Date Ecology Received Report: 08/21/98
Date Ecology Received Report: 10/15/98
**Additional key fields are available in the Map Findings section*
Media Contaminated: GW,S

LOVE'S TRAVEL STOP # ***1501 33RD AVE E*** ***NNW 1/8 - 1/4 (0.186 mi.)*** ***J37*** ***367***
Contaminants Found at Site: 6
Type of Report Ecology Received: I
Date Ecology Received Report: 02/10/99
Date Ecology Received Report: 10/23/98
Date Ecology Received Report: 07/15/92
Date Ecology Received Report: 08/28/95
Media Contaminated: GW,S

HOLLY MARINA ***4001 20TH NE*** ***ESE 1/4 - 1/2 (0.303 mi.)*** ***S81*** ***1034***
Contaminants Found at Site: 6
Type of Report Ecology Received: I
Date Ecology Received Report: 09/18/96
Media Contaminated: S

HONDA OF FIFE ***4301 20TH ST E*** ***ESE 1/4 - 1/2 (0.487 mi.)*** ***111*** ***1175***
Contaminants Found at Site: 6
Type of Report Ecology Received: F
Type of Report Ecology Received: I
Date Ecology Received Report: 01/12/99
Date Ecology Received Report: 06/14/00
Date Ecology Received Report: 08/29/00
Date Ecology Received Report: 07/02/01
Date Ecology Received Report: 09/04/01
**Additional key fields are available in the Map Findings section*
Media Contaminated: S
Media Contaminated: GW,S

WA PTAP: A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

A review of the WA PTAP list, as provided by EDR, and dated 05/12/2020 has revealed that there are 3 WA PTAP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ASSOCIATED PETROLUEM	***3101 PACIFIC HWY E***	***WNW 1/8 - 1/4 (0.181 mi.)***	***I35***	***338***
FIFE METROPLEX CARDL	***3200 20TH ST E***	***SW 1/4 - 1/2 (0.287 mi.)***	***O75***	***978***
PACIFIC XPRESS	***4310 PACIFIC HWY E***	***E 1/4 - 1/2 (0.472 mi.)***	***110***	***1171***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY: A llisting of recycling center locations.

A review of the WA SWRCY list, as provided by EDR, and dated 04/30/2020 has revealed that there is 1 WA SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRESCENT LIGHTING -	3214 20TH STREET EAS	SW 1/4 - 1/2 (0.280 mi.)	O72	966

Local Lists of Hazardous waste / Contaminated Sites

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 78 WA ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI Facility Id: 1340	***3408 PACIFIC HWY E***	***NNW 0 - 1/8 (0.014 mi.)***	***B6***	***23***
UNOCAL 7343 Facility Id: 4131691	***3408A PACIFIC HWY E***	***NNW 0 - 1/8 (0.014 mi.)***	***B8***	***28***
GLACIER MOTEL DRUG B Facility Id: 7258421	***3401 PACIFIC HWY E***	***NNW 0 - 1/8 (0.047 mi.)***	***13***	***37***
H&H NORTHWEST COMPAN Facility Id: 32616	***3309 PACIFIC AVE E***	***WNW 0 - 1/8 (0.069 mi.)***	***E16***	***59***
I-5 SB PORT OF TACOM Facility Id: 70333		***W 0 - 1/8 (0.081 mi.)***	***17***	***64***
WESTERN PETERBILT LL Facility Id: 71198179	***3443 20TH ST E***	***S 0 - 1/8 (0.122 mi.)***	***F26***	***219***
I5 PORT OF TACOMA RO Facility Id: 15143	I5 & PORT OF TACOMA	WSW 1/8 - 1/4 (0.161 mi.)	31	311
PORT OF TACOMA RD I5 Facility Id: 553914	***PORT OF TACOMA RD &***	***SW 1/8 - 1/4 (0.242 mi.)***	***56***	***530***
WSDOT I-5 RIVER RD S Facility Id: 5717		***SW 1/4 - 1/2 (0.489 mi.)***	***112***	***1191***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HOMETEL INN Facility Id: 6088860 Facility Id: 10432	***3520 PACIFIC HWY E***	***E 0 - 1/8 (0.040 mi.)***	***C11***	***31***
TACOMA PORT MOTOR IN Facility Id: 88749244	***3518 PACIFIC HWY E***	***ENE 0 - 1/8 (0.046 mi.)***	***D12***	***32***
CUMMINS NW INC	***3701 PACIFIC HWY E***	***NE 0 - 1/8 (0.056 mi.)***	***D14***	***42***

Facility Id: 32435394				
TEXACO STATION 12110 Facility Id: 77832375	***3251 PACIFIC HWY S***	***NW 0 - 1/8 (0.087 mi.)***	***E21***	***98***
OCCIDENTAL CHEMICAL Facility Id: 41816694	***PACIFIC HWY E & PORT***	***WNW 0 - 1/8 (0.101 mi.)***	***E24***	***120***
PORT OF TACOMA ROAD Facility Id: 48505		WNW 0 - 1/8 (0.101 mi.)	E25	219
FIFE VEHICLE DIV & D Facility Id: 72875345	***3725 PACIFIC HWY E***	***NE 1/8 - 1/4 (0.126 mi.)***	***G29***	***263***
KEY BANK Facility Id: 4888443	***1323 34TH AVE E***	***N 1/8 - 1/4 (0.135 mi.)***	***30***	***305***
PAPE MACHINERY TACOM Facility Id: 72626264	***3607 20TH ST E***	***SSE 1/8 - 1/4 (0.166 mi.)***	***32***	***311***
BREKKE ENTERPRISES Facility Id: 1279	***1320 TIDEHAVEN RD***	***NNW 1/8 - 1/4 (0.170 mi.)***	***H33***	***337***
ASSOCIATED PETROLUEM Facility Id: 94129688	***3101 PACIFIC HWY E***	***WNW 1/8 - 1/4 (0.181 mi.)***	***I35***	***338***
FLYING J TRAVEL PLAZ Facility Id: 94359448	***1501 33RD AVE E***	***NNW 1/8 - 1/4 (0.186 mi.)***	***J38***	***377***
LOVE'S TRAVEL STOP # Facility Id: 32229	***1501 33RD AVE E***	***NNW 1/8 - 1/4 (0.186 mi.)***	***J39***	***382***
ABRA AUTO BODY AND G Facility Id: 52994962	***3909 PACIFIC HWY E***	***NNE 1/8 - 1/4 (0.188 mi.)***	***41***	***386***
GERBER COLLISION & G Facility Id: 96399117	***3701 20TH ST SE***	***SE 1/8 - 1/4 (0.196 mi.)***	***44***	***433***
SIERRA SANDBLASTING Facility Id: 44654631	***3402 12TH ST E***	***N 1/8 - 1/4 (0.207 mi.)***	***L46***	***456***
WESCRAFT RV & TRUCK Facility Id: 7208876	***3402 12TH ST E***	***N 1/8 - 1/4 (0.207 mi.)***	***L48***	***515***
JET AUTO WRECKING Facility Id: 18020	***3901 PACIFIC HWY E***	***ENE 1/8 - 1/4 (0.209 mi.)***	***49***	***523***
SAMS TIRE SERVICE IN Facility Id: 3799146	***3110 PACIFIC HWY***	***WNW 1/8 - 1/4 (0.216 mi.)***	***I50***	***524***
LEXUS OF FIFE PARKIN Facility Id: 11803	3914 PACIFIC HWY E	E 1/8 - 1/4 (0.225 mi.)	51	525
DIESING PROPERTY PAR Facility Id: 38554597	***3518 12TH ST E***	***N 1/8 - 1/4 (0.232 mi.)***	***L53***	***526***
BREMERTON TACOMA STA Facility Id: 17456541 Facility Id: 29574255	***3801 20TH AVE E***	***SE 1/8 - 1/4 (0.240 mi.)***	***M55***	***527***
COGDALL CONSTRUCTION Facility Id: 6656	***3600 E INDUSTRY DR E***	***SSE 1/8 - 1/4 (0.246 mi.)***	***N58***	***537***
FEDERAL EXPRESS CORP Facility Id: 88389433	***3600 INDUSTRY DR E***	***SSE 1/8 - 1/4 (0.246 mi.)***	***N59***	***539***
PROGRESS RAIL SERVIC Facility Id: 26693246	***4012 SR 509 S FRONTA***	***NNE 1/4 - 1/2 (0.254 mi.)***	***60***	***543***
PCT PAVING REPAIRS	***3600 PORT OF TACOMA***	***NW 1/4 - 1/2 (0.273 mi.)***	***61***	***701***

Facility Id: 23086				
WES CRAFT RV & MARIN Facility Id: 15494538	***3151 20TH ST E***	***SW 1/4 - 1/2 (0.274 mi.)***	***O62***	***702***
DAUPHIN SITE Facility Id: 1281	***2911 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.276 mi.)***	***P65***	***713***
NORTHWEST MINI Facility Id: 17670	3901 20TH ST E	SE 1/4 - 1/2 (0.277 mi.)	Q66	715
SOON MU LEE VACANT L Facility Id: 39223129	***2909 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.277 mi.)***	***P67***	***715***
PM TESTING LAB INC P Facility Id: 98132319	***3921 PACIFIC HWY E***	***ENE 1/4 - 1/2 (0.277 mi.)***	***R70***	***717***
MODERN PRINTING GRAP Facility Id: 77644258	***3216 20TH ST E***	***SW 1/4 - 1/2 (0.280 mi.)***	***O71***	***963***
WEST MARINE 00024 Facility Id: 15147	***3212 20TH ST E***	***SW 1/4 - 1/2 (0.281 mi.)***	***O73***	***967***
UNION PACIFIC RAILRO Facility Id: 75347		***SSW 1/4 - 1/2 (0.282 mi.)***	***74***	***975***
FIFE METROPLEX CARDL Facility Id: 35377551	***3200 20TH ST E***	***SW 1/4 - 1/2 (0.287 mi.)***	***O75***	***978***
LEXUS OF TACOMA AT F Facility Id: 90252898	***1708 40TH AVE CT E***	***E 1/4 - 1/2 (0.288 mi.)***	***77***	***982***
MORNING SUN INC Facility Id: 12725474 Facility Id: 17474 Facility Id: 66138	***3500 20TH ST E BLDG***	***SE 1/4 - 1/2 (0.294 mi.)***	***Q78***	***1004***
BASF TRAINING CENTER Facility Id: 93192165	***3077 20TH ST E***	***SW 1/4 - 1/2 (0.299 mi.)***	***O79***	***1026***
HOLLY MARINA Facility Id: 47746788	***4001 20TH NE***	***ESE 1/4 - 1/2 (0.303 mi.)***	***S81***	***1034***
JAGUAR LANDROVER VOL Facility Id: 17288	1601 40TH AVE CT E	E 1/4 - 1/2 (0.313 mi.)	82	1036
AUTO WAREHOUSING CO Facility Id: 43274632	3715 SR 509 N FRONTA	NNE 1/4 - 1/2 (0.316 mi.)	83	1037
PIERCE COUNTY TERMIN Facility Id: 9771939	SR 509 PORT OF TACOM	NNW 1/4 - 1/2 (0.320 mi.)	84	1037
LNG FUELING STATION Facility Id: 24662	3013 20TH ST E	SW 1/4 - 1/2 (0.321 mi.)	T85	1037
PACIFIC HWY EAST PRE Facility Id: 46589		W 1/4 - 1/2 (0.323 mi.)	86	1037
GCR TIRE CENTER 4247 Facility Id: 2418556	***4107 PACIFIC HWY E***	***E 1/4 - 1/2 (0.337 mi.)***	***87***	***1037***
DIKE ACCESS ROAD DRU Facility Id: 42251943	***DIKE ACCESS RD & 20T***	***SW 1/4 - 1/2 (0.351 mi.)***	***T88***	***1045***
BMW NORTHWEST INC Facility Id: 16434792	4011 20TH ST E	ESE 1/4 - 1/2 (0.359 mi.)	89	1048
CLOSETMAID Facility Id: 3939978	***3900 INDUSTRY DR E S***	***SE 1/4 - 1/2 (0.365 mi.)***	***U90***	***1048***
INK INC INDUSTRY DR	***3900F INDUSTRY DR E***	***SE 1/4 - 1/2 (0.365 mi.)***	***U91***	***1049***

Facility Id: 97796511				
WW GRAINGER INC 755	***2802 PACIFIC HWY E***	***W 1/4 - 1/2 (0.379 mi.)***	***V92***	***1053***
Facility Id: 25172831				
BOITANO SITE	***2800 PACIFIC HWY E***	***W 1/4 - 1/2 (0.380 mi.)***	***V93***	***1053***
Facility Id: 39816865				
NC MACHINERY COMPANY	***2603 PACIFIC HWY E***	***WNW 1/4 - 1/2 (0.381 mi.)***	***W94***	***1059***
Facility Id: 85298548				
UW PHYTOREMEDIATION	***2801 PACFIC HWY E***	***W 1/4 - 1/2 (0.383 mi.)***	***V96***	***1105***
Facility Id: 16926				
NISSAN OF FIFE	1700 ALEXANDER AVE E	E 1/4 - 1/2 (0.384 mi.)	X97	1111
Facility Id: 23555				
PENSKE TRUCK LEASING	***2105 FRANK ALBERT RD***	***SE 1/4 - 1/2 (0.396 mi.)***	***U99***	***1112***
Facility Id: 55388197				
COSTCO BUSINESS CENT	***3900 20TH ST E***	***ESE 1/4 - 1/2 (0.396 mi.)***	***100***	***1113***
Facility Id: 65249443				
BMW NORTHWEST VEHICL	1902 GOLDAU RD E	ESE 1/4 - 1/2 (0.399 mi.)	101	1145
Facility Id: 21366				
LARSON AUTOMOTIVE FI	1701 ALEXANDER AVE E	E 1/4 - 1/2 (0.408 mi.)	X102	1146
Facility Id: 4431				
RUSHFORTH CONSTRUCTI	***1308 ALEXANDER AVE E***	***ENE 1/4 - 1/2 (0.416 mi.)***	***103***	***1146***
Facility Id: 65325229				
SUSAN KAELIN PROPERT	***1409 ALEXANDER AVE E***	***ENE 1/4 - 1/2 (0.424 mi.)***	***Y104***	***1154***
Facility Id: 84439736				
SPECIALTY WOOD MFG C	***2614 PACIFIC HWY E***	***W 1/4 - 1/2 (0.426 mi.)***	***106***	***1155***
Facility Id: 3459				
Facility Id: 46236872				
AUTO WAREHOUSING CO	***3715 E WEST RD***	***NE 1/4 - 1/2 (0.427 mi.)***	***Z107***	***1164***
Facility Id: 97814788				
Facility Id: 23525				
MARINE TERMINAL CORP	***4015 SR 509 N FRONTA***	***NE 1/4 - 1/2 (0.437 mi.)***	***Z108***	***1169***
Facility Id: 5427431				
AMERICOLD	***1301 26TH AVE E***	***WNW 1/4 - 1/2 (0.466 mi.)***	***109***	***1171***
Facility Id: 22449				
PACIFIC XPRESS	***4310 PACIFIC HWY E***	***E 1/4 - 1/2 (0.472 mi.)***	***110***	***1171***
Facility Id: 48521859				
HONDA OF FIFE	***4301 20TH ST E***	***ESE 1/4 - 1/2 (0.487 mi.)***	***111***	***1175***
Facility Id: 72856623				
MURRAY PACIFIC TIMBE	***3209 PORT OF TACOMA***	***NNW 1/4 - 1/2 (0.497 mi.)***	***AA113***	***1192***
Facility Id: 35233737				
KAWASAKI THERMAL SYS	3205A PORT OF TACOMA	NNW 1/4 - 1/2 (0.498 mi.)	AA114	1200
Facility Id: 64673452				
DINOL US INC TACOMA	3205 PORT OF TACOMA	NNW 1/4 - 1/2 (0.498 mi.)	AA115	1200
Facility Id: 51957851				

EXECUTIVE SUMMARY

WA CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there are 11 WA CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	***3408 PACIFIC HWY E***	***NNW 0 - 1/8 (0.014 mi.)***	***B6***	***23***
CS Id: 5015 Facility/Site Id: 1340 Soil: Confirmed Above Cleanup Levels NFA Date: 08/16/1993 Groundwater: Confirmed Above Cleanup Levels Contaminant Name: Petroleum-Other				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CUMMINS NW INC	***3701 PACIFIC HWY E***	***NE 0 - 1/8 (0.056 mi.)***	***D14***	***42***
CS Id: 3585 Facility/Site Id: 32435394 Soil: Confirmed Above Cleanup Levels NFA Date: 04/03/2003 Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Polycyclic Aromatic Hydrocarbons				
BREKKE ENTERPRISES	***1320 TIDEHAVEN RD***	***NNW 1/8 - 1/4 (0.170 mi.)***	***H33***	***337***
CS Id: 3650 Facility/Site Id: 1279 Soil: Suspected NFA Date: 10/30/1989 Groundwater: Suspected Contaminant Name: Corrosive Wastes				
JET AUTO WRECKING	***3901 PACIFIC HWY E***	***ENE 1/8 - 1/4 (0.209 mi.)***	***49***	***523***
CS Id: 2004 Facility/Site Id: 18020 Soil: Remediated NFA Date: 01/28/1997 Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified				
DIESING PROPERTY PAR	***3518 12TH ST E***	***N 1/8 - 1/4 (0.232 mi.)***	***L53***	***526***
CS Id: 1674 Facility/Site Id: 38554597 Soil: Remediated-Below NFA Date: 10/11/2016 Groundwater: Remediated-Below Contaminant Name: Metals Priority Pollutants				
PROGRESS RAIL SERVIC	***4012 SR 509 S FRONTA***	***NNE 1/4 - 1/2 (0.254 mi.)***	***60***	***543***
CS Id: 4267 Facility/Site Id: 26693246 Soil: Remediated-Below NFA Date: 09/16/2016				

Groundwater: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

SOON MU LEE VACANT L ***2909 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.277 mi.)*** ***P67*** ***715***
CS Id: 2199
Facility/Site Id: 39223129
Soil: Remediated-Below
NFA Date: 08/19/2013
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

PM TESTING LAB INC P ***3921 PACIFIC HWY E*** ***ENE 1/4 - 1/2 (0.277 mi.)*** ***R70*** ***717***
CS Id: 2761
Facility/Site Id: 98132319
Soil: Remediated
NFA Date: 11/14/1997
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

BOITANO SITE ***2800 PACIFIC HWY E*** ***W 1/4 - 1/2 (0.380 mi.)*** ***V93*** ***1053***
CS Id: 2856
Facility/Site Id: 39816865
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
NFA Date: 10/24/2002
Groundwater: Remediated
Contaminant Name: Corrosive Wastes
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

NC MACHINERY COMPANY ***2603 PACIFIC HWY E*** ***WNW 1/4 - 1/2 (0.381 mi.)*** ***W94*** ***1059***
CS Id: 6766
Facility/Site Id: 85298548
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/02/2002
Groundwater: Below Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other

SUSAN KAELIN PROPERT ***1409 ALEXANDER AVE E*** ***ENE 1/4 - 1/2 (0.424 mi.)*** ***Y104*** ***1154***
CS Id: 3617
Facility/Site Id: 84439736
Soil: Remediated
NFA Date: 11/20/2001
Groundwater: Suspected
Contaminant Name: Petroleum Products-Unspecified

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GLACIER MOTEL DRUG B EPA ID:: WAD982821266	***3401 PACIFIC HWY E***	***NNW 0 - 1/8 (0.047 mi.)***	***13***	***37***
WESTERN PETERBILT LL EPA ID:: WAH000008912	***3443 20TH ST E***	***S 0 - 1/8 (0.122 mi.)***	***F26***	***219***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA PORT MOTOR IN EPA ID:: WAD988469813	***3518 PACIFIC HWY E***	***ENE 0 - 1/8 (0.046 mi.)***	***D12***	***32***
CUMMINS NW INC EPA ID:: WAD148332539	***3701 PACIFIC HWY E***	***NE 0 - 1/8 (0.056 mi.)***	***D14***	***42***
TEXACO STATION 12110 EPA ID:: WAD988483178	3251 PACIFIC HWY S	NW 0 - 1/8 (0.087 mi.)	E18	67
OCCIDENTAL CHEMICAL EPA ID:: WA0000758979	***PACIFIC HWY E & PORT***	***WNW 0 - 1/8 (0.101 mi.)***	***E24***	***120***
FIFE VEHICLE DIV & D EPA ID:: WAH000004770	***3725 PACIFIC HWY E***	***NE 1/8 - 1/4 (0.126 mi.)***	***G29***	***263***
KEY BANK EPA ID:: WAD982654758	***1323 34TH AVE E***	***N 1/8 - 1/4 (0.135 mi.)***	***30***	***305***
PAPE MACHINERY TACOM EPA ID:: WAD988492922	***3607 20TH ST E***	***SSE 1/8 - 1/4 (0.166 mi.)***	***32***	***311***
ABRA AUTO BODY AND G EPA ID:: WA0000188706	***3909 PACIFIC HWY E***	***NNE 1/8 - 1/4 (0.188 mi.)***	***41***	***386***
GERBER COLLISION & G EPA ID:: WAH000011130	***3701 20TH ST SE***	***SE 1/8 - 1/4 (0.196 mi.)***	***44***	***433***
SIERRA SANDBLASTING EPA ID:: WAD078199981	***3402 12TH ST E***	***N 1/8 - 1/4 (0.207 mi.)***	***L46***	***456***
COGDALL CONSTRUCTION EPA ID:: WAH000047065	3600 E INDUSTRY DR E	SSE 1/8 - 1/4 (0.246 mi.)	N57	531
FEDERAL EXPRESS CORP EPA ID:: WAD988474748	***3600 INDUSTRY DR E***	***SSE 1/8 - 1/4 (0.246 mi.)***	***N59***	***539***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		0 - 1/8 (0.000 mi.)	0	20

EXECUTIVE SUMMARY

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there are 11 WA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WESTERN PETERBILT LL Facility Site ID Number: 71198179 Gen Status CD: XQG Gen Status CD: SQG EPA ID: WAH000008912	***3443 20TH ST E***	***S 0 - 1/8 (0.122 mi.)***	***F26***	***219***
WESTERN PETERBILT LL Facility Site ID Number: 71198179 Gen Status CD: XQG EPA ID: WAH000008912	3443 20TH ST E	S 0 - 1/8 (0.122 mi.)	F27	260
UNION PACIFIC RAIL Y Facility Site ID Number: 28881 Gen Status CD: SQG EPA ID: WAD988511390	***3330 20TH ST***	***SSW 1/8 - 1/4 (0.191 mi.)***	***K43***	***424***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEXACO STATION 12110 Facility Site ID Number: 77832375 Gen Status CD: XQG Gen Status CD: MQG Gen Status CD: SQG EPA ID: WAD988483178	***3251 PACIFIC HWY S***	***NW 0 - 1/8 (0.087 mi.)***	***E21***	***98***
OCCIDENTAL CHEMICAL Facility Site ID Number: 41816694 Gen Status CD: XQG EPA ID: WA0000758979	***PACIFIC HWY E & PORT***	***WNW 0 - 1/8 (0.101 mi.)***	***E24***	***120***
FIFE VEHICLE DIV & D Facility Site ID Number: 72875345 Gen Status CD: XQG EPA ID: WAH000004770	***3725 PACIFIC HWY E***	***NE 1/8 - 1/4 (0.126 mi.)***	***G29***	***263***
PAPE MACHINERY TACOM Facility Site ID Number: 72626264 Gen Status CD: SQG EPA ID: WAD988492922	***3607 20TH ST E***	***SSE 1/8 - 1/4 (0.166 mi.)***	***32***	***311***
ABRA AUTO BODY AND G Facility Site ID Number: 52994962 Gen Status CD: SQG EPA ID: WA0000188706	***3909 PACIFIC HWY E***	***NNE 1/8 - 1/4 (0.188 mi.)***	***41***	***386***
GERBER COLLISION & G Facility Site ID Number: 96399117 Gen Status CD: SQG EPA ID: WAH000011130	***3701 20TH ST SE***	***SE 1/8 - 1/4 (0.196 mi.)***	***44***	***433***
WESCRAFT RV & TRUCK Facility Site ID Number: 7208876 Gen Status CD: MQG Gen Status CD: SQG	***3402 12TH ST E***	***N 1/8 - 1/4 (0.207 mi.)***	***L48***	***515***

EPA ID: WAH000034144

COGDALL CONSTRUCTION ***3600 E INDUSTRY DR E*** ***SSE 1/8 - 1/4 (0.246 mi.)*** ***N58*** ***537***

Facility Site ID Number: 6656
Gen Status CD: MQG
EPA ID: WAH000047065

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GASAMAT INC	3402 PACIFIC HWY E	0 - 1/8 (0.000 mi.)	B4	20
SACS MART INC	3408 PACIFIC HWY E	NNW 0 - 1/8 (0.014 mi.)	B7	28

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIEDLER LOWELL J	3251 PACIFIC HWY E	NW 0 - 1/8 (0.087 mi.)	E19	97

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

Site Name	Database(s)
TACOMA ALUMINUM PHOSPHIHE RESPONSE	SEMS
OCCIDENTAL CHEMICAL-SITE II	WA SWF/LF
US OIL/HYUNDAI TERMINAL	WA ICR
PSE TACOMA HISTORICAL COAL GAS	EDR MGP
SCHULER INDUSTRIAL PARK	WA VCP
PORTAC INC TACOMA	WA VCP

OVERVIEW MAP - 6218059.2S

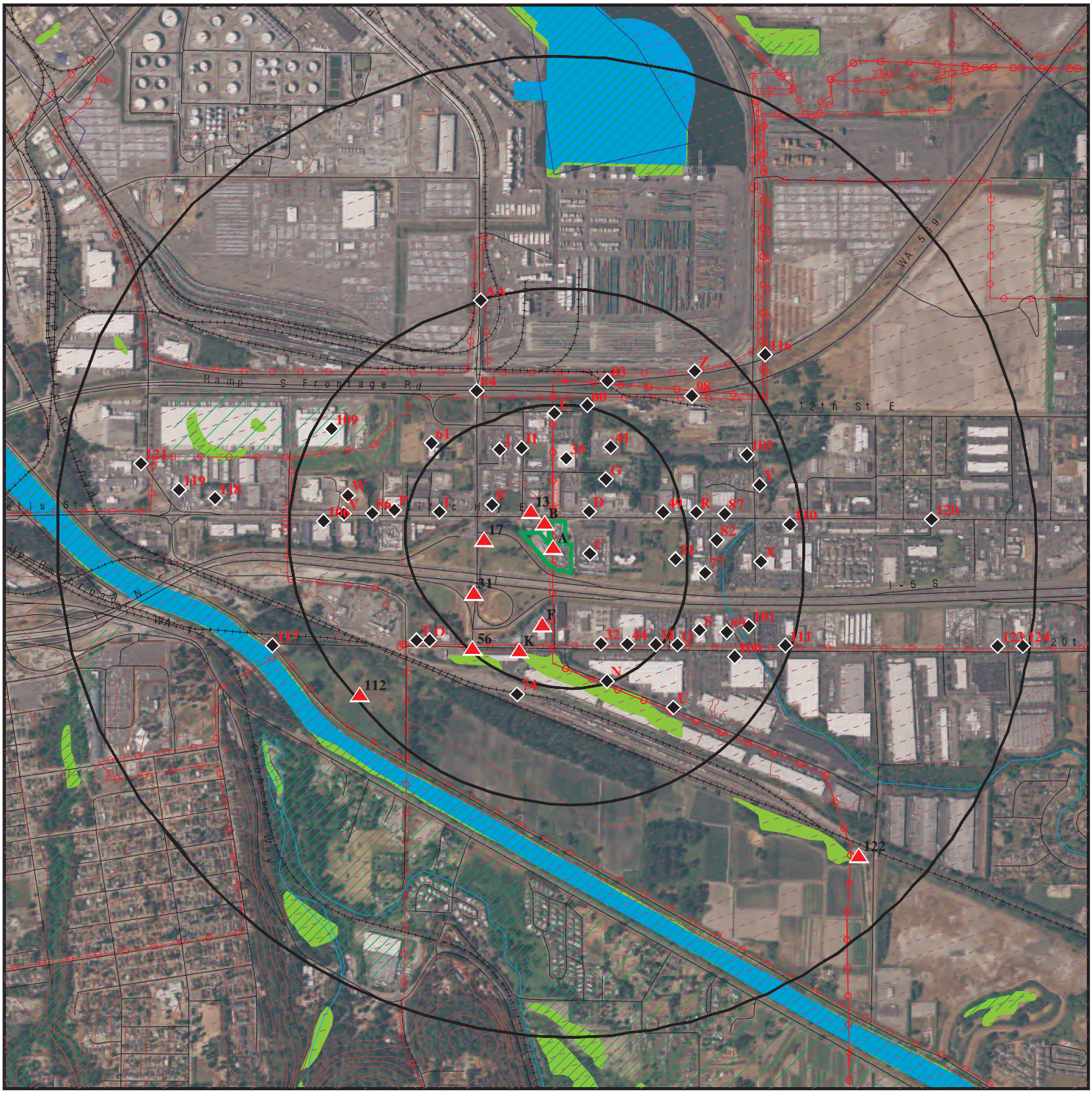

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	LA CASA REAL DRUM	CLIENT:	Parametrix, Inc.
ADDRESS:	3410 PACIFIC HWY E Tacoma WA 98424	CONTACT:	Adam Romey
		INQUIRY #:	6218059.2s
LAT/LONG:	47.242215 / 122.382142	DATE:	October 06, 2020 7:52 pm

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DETAIL MAP - 6218059.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

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		INQUIRY #:	6218059.2s
LAT/LONG:	47.242215 / 122.382142	DATE:	October 06, 2020 7:52 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	2	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
WA HSL	1.000		0	0	2	3	NR	5
State- and tribal - equivalent CERCLIS								
WA CSCSL	1.000	1	4	6	8	9	NR	28
State and tribal landfill and/or solid waste disposal site lists								
WA SWF/LF	0.500		0	1	1	NR	NR	2
State and tribal leaking storage tank lists								
WA LUST	0.500		3	2	5	NR	NR	10

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WA UST	0.250		3	6	NR	NR	NR	9
WA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
WA INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
WA VCP	0.500	1	3	4	8	NR	NR	16
WA ICR	0.500		2	1	2	NR	NR	5
INDIAN VCP	0.500		0	0	0	NR	NR	0
WA PTAP	0.500		0	1	2	NR	NR	3
State and tribal Brownfields sites								
WA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WA SWRCY	0.500		0	0	1	NR	NR	1
WA SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
WA ALLSITES	0.500	1	12	20	46	NR	NR	79
WA CDL	0.001		0	NR	NR	NR	NR	0
WA HIST CDL	0.001		0	NR	NR	NR	NR	0
WA CSCSL NFA	0.500		2	3	6	NR	NR	11
US CDL	0.001		0	NR	NR	NR	NR	0
WA AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
WA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WA SPILLS	0.001	1	0	NR	NR	NR	NR	1
WA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	6	8	NR	NR	NR	15
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		1	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
WA AIRS	0.001		0	NR	NR	NR	NR	0
WA ASBESTOS	0.001		0	NR	NR	NR	NR	0
WA COAL ASH	0.500		0	0	0	NR	NR	0
WA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
WA Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
WA MANIFEST	0.250		4	7	NR	NR	NR	11
WA NPDES	0.001		0	NR	NR	NR	NR	0
WA UIC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WA RGA HWS	0.001		0	NR	NR	NR	NR	0
WA RGA LF	0.001		0	NR	NR	NR	NR	0
WA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		7	43	63	82	12	0	207

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **LA CASA REAL DRUM**
3410 PACIFIC HWY E
FIFE, WA 98421

Site 1 of 3 in cluster A

WA CSCSL **1000920735**
WA ALLSITES **WA0000857136**
RCRA NonGen / NLR
FINDS
ECHO

Actual: 20 ft.

CSCSL:

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	7907
Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started

LA CASA REAL DRUM (Continued) **1000920735**

Contaminant Name: Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Mercury
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LA CASA REAL DRUM (Continued) **1000920735**

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Other Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True

LA CASA REAL DRUM (Continued) **1000920735**

Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907
Region: Southwest
Lat/Long: 47.24256 / -122.3832
Clean Up Siteid: 13173
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 7907

LA CASA REAL DRUM (Continued) **1000920735**

Region:	Southwest
Lat/Long:	47.24256 / -122.3832
Clean Up Siteid:	13173
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	LA CASA REAL DRUM
Facility Id:	72234718
Name:	FIFE RV CENTER
Facility Id:	7907

RCRA Listings:

Date Form Received by Agency:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Handler Address:	3410 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98421
EPA ID:	WA0000857136
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504-7775
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504-7775
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

LA CASA REAL DRUM (Continued) **1000920735**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:20:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LA CASA REAL DRUM

LA CASA REAL DRUM (Continued) **1000920735**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LA CASA REAL DRUM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3410 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1119
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

LA CASA REAL DRUM (Continued) **1000920735**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	LA CASA REAL DRUM
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110006459590

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070566023

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

LA CASA REAL DRUM (Continued) **1000920735**

ECHO:

Envid:	1000920735
Registry ID:	110006459590
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110006459590
Name:	LA CASA REAL DRUM
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98421

A2 Target Property **FIVE RV SITE, VCP SW 1565** **WA SPILLS** **S121513411**
3410 PACIFIC HWY **N/A**
FIFE, WA

Site 2 of 3 in cluster A

Actual: 20 ft.

SPILLS:

Name:	FIVE RV SITE, VCP SW 1565
Address:	3410 PACIFIC HWY
City,State,Zip:	FIFE, WA
Facility ID:	98246
Medium:	Fresh water
Material Desc:	GASOLINE
Material Qty:	0.01
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/23/2018
Incident Category Type:	Oil Spill
Incident Category:	Not reported
Latitude:	47.2431
Longitude:	-122.38326
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

A3 Target Property **FIFE RV CENTER** **WA VCP** **S124436007**
3410 PACIFIC HWY E **N/A**
FIFE, WA 98424

Site 3 of 3 in cluster A

Actual: 20 ft.

VCP:

Name:	FIFE RV CENTER
Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7907
VCP Status:	Not reported
VCP:	TRUE

FIFE RV CENTER (Continued) **S124436007**

Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Arsenic
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Benzene
Soil: Confirmed Above Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Halogenated Solvents
Soil: Below Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported

FIFE RV CENTER (Continued) **S124436007**

Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Lead
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Mercury
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Metals - Other
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Other Halogenated Organics

FIFE RV CENTER (Continued) **S124436007**

Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Diesel
Soil: Below Cleanup Levels

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Gasoline
Soil: Suspected

Name: FIFE RV CENTER
Address: 3410 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7907
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 13173
Contaminant Name: Petroleum-Other
Soil: Suspected

Name: FIFE RV CENTER

FIFE RV CENTER (Continued) **S124436007**

Address:	3410 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7907
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	13173
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Suspected

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
, WA
< 1/8
1 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Puyallup Reservation
Agency:	BIA

B4 **GASAMAT INC** **EDR Hist Auto** **1021336076**
3402 PACIFIC HWY E **N/A**
< 1/8 **TACOMA, WA 98424**
1 ft.

Site 1 of 6 in cluster B

Relative: EDR Hist Auto
Higher
Actual:
20 ft.

Year:	Name:	Type:
1977	GASAMAT INC	Gasoline Service Stations
1978	GASAMAT INC	Gasoline Service Stations

B5 **TAHOMA EXPRESS 4** **WA UST** **U004139747**
NNW **3408 PACIFIC HWY E** **N/A**
< 1/8 **FIFE, WA 98424**
0.014 mi.
76 ft. **Site 2 of 6 in cluster B**

Relative: UST:
Higher
Actual:
21 ft.

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	1340
Site Id:	318018
UBI:	Not reported
Phone Number:	Not reported

TAHOMA EXPRESS 4 (Continued) **U004139747**

Decimal Latitude:	47.24275
Decimal Longitude:	-122.38252
Tank Name:	1
Tag Number:	A7977
Tank Status:	Operational
Tank Status Date:	12/10/1999
Tank Install Date:	06/01/1996
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	08/05/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	8
Tag Number:	A7977
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	10/06/1992
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	08/05/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)

TAHOMA EXPRESS 4 (Continued) **U004139747**

Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	88
Tag Number:	A7977
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	10/06/1992
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	10/31/2020
Tank Upgrade Date:	08/05/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	A
Tag Number:	A7977
Tank Status:	Removed - No Site Assessment Found
Tank Status Date:	06/18/2002
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

TAHOMA EXPRESS 4 (Continued) **U004139747**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City:	FIFE
Zip:	98424

Tank Name:	B
Tag Number:	A7977
Tank Status:	Removed - No Site Assessment Found
Tank Status Date:	06/18/2002
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

B6 **UNOCAL SERVICE STATION 7343** **WA LUST** **1007080786**
NNW **3408 PACIFIC HWY E** **WA ALLSITES** **N/A**
< 1/8 **FIFE, WA 98424** **WA CSCSL NFA**
0.014 mi. **WA ASBESTOS**
76 ft. **Site 3 of 6 in cluster B**

Relative:
Higher

Actual:
21 ft.

LUST:

Name:	UNOCAL SERVICE STATION 7343
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	1340
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5015
Cleanup Unit Type:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Process Type:	Not reported
Cleanup Unit Name:	SACS MART,SOHNI FOOD MART,TAHOMA EXPRESS #4,TAHOMA EXPRESS 4,Tribal One Stop Pacific Hwy,VIPS Industries
Response Section:	Southwest
Release Date:	04/04/1990
Lust Date:	08/16/1993
Region:	Southwest
Lust ID:	295
UST ID:	318018
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24275 / -122.38252

ALLSITES:

Name:	UNOCAL SERVICE STATION 7343
Facility Id:	1340

CSCSL NFA:

Name:	UNOCAL SERVICE STATION 7343
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	1340
CS Id:	5015
NFA Date:	08/16/1993
Alternate Site Names:	SACS MART,SOHNI FOOD MART,TAHOMA EXPRESS #4,TAHOMA EXPRESS 4,Tribal One Stop Pacific Hwy,VIPS Industries
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24275
Longitude:	-122.38252

ASBESTOS:

Name:	Not reported
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	72564##1499Ascen725644
Notice Date:	06/10/2013
Start Date:	06/20/2013
Completion Date:	07/31/2013
Initial:	Not reported
Amended:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Ascendent LLC (ABCN00001499)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602142311
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Manuel Ramirez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Name:	Not reported
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	72622##1499Ascen149362
Notice Date:	06/11/2013
Start Date:	06/20/2013
Completion Date:	07/31/2013
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Ascendent LLC (ABCN00001499)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported

UNOCAL SERVICE STATION 7343 (Continued) **1007080786**

PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602142311
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Manuel Ramirez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

B7 **SACS MART INC** **EDR Hist Auto** **1014533110**
NNW **3408 PACIFIC HWY E** **N/A**
< 1/8 **TACOMA, WA 98424**
0.014 mi.
76 ft. **Site 4 of 6 in cluster B**

Relative:
Higher

Actual:
21 ft.

EDR Hist Auto

Year:	Name:	Type:
1996	SACS MART INC	Convenience Stores
1997	SACS MART INC	Convenience Stores
1998	SACS MART INC	Convenience Stores
1999	SACS MART INC	Convenience Stores
2000	SACS MART INC	Convenience Stores
2001	SACS MART INC	Convenience Stores
2002	SACS MART INC	Convenience Stores
2003	SACS MART INC	Convenience Stores
2004	SACS MART INC	Convenience Stores
2005	SACS MART INC	Convenience Stores
2006	SACS MART INC	Convenience Stores
2007	SACS MART INC	Convenience Stores
2008	SACS MART	Gasoline Service Stations
2009	SACS MART	Gasoline Service Stations
2010	SOHNI FOOD MART SERV STATIONSGA	SERVICE STATIONS - GASOLINE & OIL

B8 **UNOCAL 7343** **WA ALLSITES** **S108653766**
NNW **3408A PACIFIC HWY E** **WA Financial Assurance** **N/A**
< 1/8 **FIFE, WA 98424**
0.014 mi.
76 ft. **Site 5 of 6 in cluster B**

Relative:
Higher

Actual:
21 ft.

ALLSITES:

Name:	UNOCAL 7343
Facility Id:	4131691

WA Financial Assurance 1:

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018

UNOCAL 7343 (Continued) **S108653766**

Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	06/12/2015
Expiration Date:	07/01/2016
Address 2:	Not reported
Policy Number:	WA641970-2
Effective Date:	06/22/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/01/2016
Expiration Date:	07/01/2017
Address 2:	Not reported
Policy Number:	WA641970-3
Effective Date:	07/01/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	06/06/2017
Expiration Date:	07/01/2018
Address 2:	Not reported
Policy Number:	WA641970-4
Effective Date:	06/06/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	05/31/2018
Expiration Date:	07/01/2019
Address 2:	Not reported
Policy Number:	WA641970-5
Effective Date:	05/31/2018

UNOCAL 7343 (Continued) **S108653766**

Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

Name:	TAHOMA EXPRESS 4
Address:	3408 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	318018
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	06/17/2019
Expiration Date:	07/01/2020
Address 2:	Not reported
Policy Number:	WA641970-6
Effective Date:	06/17/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242918
Longitude:	-122.382569

B9
NNW
< 1/8
0.014 mi.
76 ft.

UNOCAL #7343
3408 PACIFIC HWY
TACOMA, WA 98422

Site 6 of 6 in cluster B

WA ICR **S103510887**
N/A

Relative:
Higher

Actual:
21 ft.

ICR:

Date Ecology Received Report:	11/02/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-36
County Code:	27
Contact:	Not reported
Report Title:	Not reported

C10
East
< 1/8
0.040 mi.
213 ft.

HOMETEL INN
3520 PACIFIC HWY E
FIFE, WA 98424

Site 1 of 2 in cluster C

WA VCP **S124435153**
N/A

Relative:
Lower

Actual:
17 ft.

VCP:

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported

HOMETEL INN (Continued) **S124435153**

Facility ID:	6088860
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4697
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	6088860
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4697
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

C11 **HOMETEL INN** **WA CSCSL** **1007677625**
East **3520 PACIFIC HWY E** **WA ALLSITES** **N/A**
< 1/8 **FIFE, WA 98424** **FINDS**
0.040 mi.
213 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
17 ft.

CSCSL:

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	6088860
Region:	Southwest
Lat/Long:	47.242517662691 / -122.3798645991
Clean Up Siteid:	4697
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

HOMETEL INN (Continued) **1007677625**

Name:	HOMETEL INN
Address:	3520 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	6088860
Region:	Southwest
Lat/Long:	47.242517662691 / -122.3798645991
Clean Up Siteid:	4697
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FIFE RV HOMETEL REDEVELOPMENT
Facility Id:	10432
Name:	HOMETEL INN
Facility Id:	6088860

FINDS:

Registry ID: 110017943270

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

D12 **TACOMA PORT MOTOR INN** **WA ALLSITES** **1001490527**
ENE **3518 PACIFIC HWY E** **RCRA NonGen / NLR** **WAD988469813**
< 1/8 **FIFE, WA 98424** **FINDS**
0.046 mi. **ECHO**
241 ft. **Site 1 of 3 in cluster D**

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	TACOMA PORT MOTOR INN
Facility Id:	88749244

RCRA Listings:

Date Form Received by Agency:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN

TACOMA PORT MOTOR INN (Continued) **1001490527**

Handler Address:	3518 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988469813
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 42589
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 42589
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	MIKE O
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

TACOMA PORT MOTOR INN (Continued) **1001490527**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OSWEILER, MIKE
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-0365
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE O
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-586-0365
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3518 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

TACOMA PORT MOTOR INN (Continued) **1001490527**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT MOTOR INN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3518 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-12-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Federal Waste Generator Description:	Not a generator, verified

TACOMA PORT MOTOR INN (Continued) **1001490527**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-04-12 00:00:00.0
Handler Name:	TACOMA PORT MOTOR INN
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005351029

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a

TACOMA PORT MOTOR INN (Continued) **1001490527**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490527
Registry ID:	110005351029
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005351029
Name:	TACOMA PORT MOTOR INN
Address:	3518 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

13
NNW
< 1/8
0.047 mi.
249 ft.

GLACIER MOTEL DRUG BU
3401 PACIFIC HWY E
FIFE, WA 98424

WA ALLSITES **1000199919**
WA SPILLS **WAD982821266**
RCRA NonGen / NLR
FINDS
ECHO

Relative:
Higher

Actual:
21 ft.

ALLSITES:

Name:	GLACIER MOTEL DRUG BU
Facility Id:	7258421

SPILLS:

Name:	JACK IN THE BOX
Address:	3401 PACIFIC HWY
City,State,Zip:	FIFE, WA
Facility ID:	110325
Medium:	Building/structure
Material Desc:	Sewage/Sludge
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/29/2020
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24349
Longitude:	-122.38296
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	malfunctioning tiolet_Health Dept referral
Cause Type:	Not reported
Resp Party Name:	Jack in the Box

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Name:	JACK IN THE BOX
Address:	3401 PACIFIC HWY
City,State,Zip:	FIFE, WA
Facility ID:	110325
Medium:	Not reported
Material Desc:	Not reported
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/29/2020
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24349
Longitude:	-122.38296
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Jack in the Box

RCRA Listings:

Date Form Received by Agency:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Handler Address:	3401 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982821266
Contact Name:	WA ECY WA ECY
Contact Address:	7272 CLEANWATER LANE MSLU11
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7272 CLEANWATER LANE MSLU11
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLACIER MOTEL DRUG BU
Legal Status:	Private
Date Became Current:	Not reported

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1118
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GLACIER MOTEL DRUG BU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1118
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3401 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-08-22 00:00:00.0
Handler Name:	GLACIER MOTEL DRUG BU
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

GLACIER MOTEL DRUG BU (Continued) **1000199919**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005348953

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000199919
Registry ID:	110005348953
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005348953
Name:	GLACIER MOTEL DRUG BU
Address:	3401 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

D14 **CUMMINS NW INC** **WA LUST** **1000300241**
NE **3701 PACIFIC HWY E** **WA UST** **WAD148332539**
< 1/8 **TACOMA, WA 98424** **WA ALLSITES**
0.056 mi. **WA CSCSL NFA**
298 ft. **Site 2 of 3 in cluster D** **RCRA NonGen / NLR**

Relative:
Lower

Actual:
19 ft.

LUST:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	32435394
Lust Status Type:	LUST - NFA
Cleanup Site ID:	3585
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/18/2002
Lust Date:	04/03/2003
Region:	Southwest
Lust ID:	5857
UST ID:	1095
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242888 / -122.37919

UST:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E

CUMMINS NW INC (Continued) **1000300241**

City:	TACOMA
Zip:	98424
Facility ID:	32435394
Site Id:	1095
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242888
Decimal Longitude:	-122.379199

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	CUMMINS NW INC
Facility Id:	32435394

CSCSL NFA:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	32435394
CS Id:	3585
NFA Date:	04/03/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888
Longitude:	-122.379199

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	32435394
CS Id:	3585
NFA Date:	04/03/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888
Longitude:	-122.379199

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	32435394
CS Id:	3585
NFA Date:	04/03/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242888
Longitude:	-122.379199

RCRA Listings:

Date Form Received by Agency:	2002-01-30 00:00:00.0
Handler Name:	CUMMINS NW INC
Handler Address:	3701 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD148332539
Contact Name:	ROGER TOLMAN
Contact Address:	3701 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-2191
Contact Fax:	Not reported
Contact Email:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	CUMMINS NW INC
Owner Type:	Private
Operator Name:	CUMMINS NW INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:33:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC C
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1138
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1138
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.

CUMMINS NW INC (Continued) **1000300241**

Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	COLCO, LLC
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

CUMMINS NW INC (Continued) **1000300241**

Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CUMMINS NW INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-2191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

CUMMINS NW INC (Continued) **1000300241**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-30 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-01 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-23 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-12 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-29 00:00:00.0
Handler Name:	CUMMINS NW INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CUMMINS NW INC (Continued) **1000300241**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CUMMINS NORTHWEST INC TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	CUMMINS NW, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333924
NAICS Description:	INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

CUMMINS NW INC (Continued) **1000300241**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

CUMMINS NW INC (Continued) **1000300241**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1997-06-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-05-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

D15 **CUMMINS NW INC** **WA VCP** **S124433843**
NE **3701 PACIFIC HWY E** **N/A**
< 1/8 **TACOMA, WA 98424**
0.056 mi.
298 ft. **Site 3 of 3 in cluster D**

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	CUMMINS NW INC
Address:	3701 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	32435394
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2003-04-03

CUMMINS NW INC (Continued) **S124433843**

Rank: Not reported
Cleanup Siteid: 3585
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: CUMMINS NW INC
Address: 3701 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 32435394
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2003-04-03
Rank: Not reported
Cleanup Siteid: 3585
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: CUMMINS NW INC
Address: 3701 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 32435394
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2003-04-03
Rank: Not reported
Cleanup Siteid: 3585
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

E16 **H&H NORTHWEST COMPANIES VACANT PROPERTY** **WA CSCSL** **S125410148**
WNW **3309 PACIFIC AVE E** **WA ALLSITES** **N/A**
< 1/8 **FIFE, WA 98424**
0.069 mi.
362 ft. **Site 1 of 9 in cluster E**

Relative:
Higher

Actual:
21 ft.

CSCSL:
Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: 7-ELEVEN #38722H

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Below Cleanup Levels
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY
Address: 3309 PACIFIC AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 32616
Region: Southwest
Lat/Long: 47.24359 / -122.38415
Clean Up Siteid: 15049
Site Status: Cleanup Started
Contaminant Name: Halogenated Solvents
Alternate Site Names: 7-ELEVEN #38722H
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Below Cleanup Levels
Bedrock: Not reported
Responsible Unit: Southwest

Name: H&H NORTHWEST COMPANIES VACANT PROPERTY

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Mercury
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Methyl tertiary-butyl ether
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported

H&H NORTHWEST COMPANIES VACANT PROPERTY (Continued) **S125410148**

Air:	Below Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Address:	3309 PACIFIC AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	32616
Region:	Southwest
Lat/Long:	47.24359 / -122.38415
Clean Up Siteid:	15049
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	7-ELEVEN #38722H
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	H&H NORTHWEST COMPANIES VACANT PROPERTY
Facility Id:	32616

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17 **I-5 SB PORT OF TACOMA RD** **WA CSCSL** **S123790152**
West **WA ALLSITES** **N/A**
< 1/8 **, WA**
0.081 mi.
426 ft.

Relative:
Higher

Actual:
33 ft.

CSCSL:

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Metals - Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported
City,State,Zip: WA
Facility ID: 70333
Region: Southwest
Lat/Long: 47.242462 / -122.385307
Clean Up Siteid: 14911
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: I-5 SB PORT OF TACOMA RD
Address: Not reported

I-5 SB PORT OF TACOMA RD (Continued) **S123790152**

City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	I-5 SB PORT OF TACOMA RD
Address:	Not reported
City,State,Zip:	WA
Facility ID:	70333
Region:	Southwest
Lat/Long:	47.242462 / -122.385307
Clean Up Siteid:	14911
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	I-5 SB PORT OF TACOMA RD
Facility Id:	70333

E18 **TEXACO STATION 121109** **RCRA NonGen / NLR** **1015751783**
NW **3251 PACIFIC HWY S** **WAD988483178**
< 1/8 **FIFE, WA 98424**
0.087 mi.
460 ft. **Site 2 of 9 in cluster E**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2016-02-16 00:00:00.0
Handler Name:	TEXACO STATION 121109
Handler Address:	3251 PACIFIC HWY S
Handler City,State,Zip:	FIFE, WA 98424

TEXACO STATION 121109 (Continued) **1015751783**

EPA ID:	WAD988483178
Contact Name:	ADAM ESTES
Contact Address:	6520 CORPORATE DRIVE
Contact City,State,Zip:	INDIANAPOLIS, IN 46278
Contact Telephone:	317-291-7068
Contact Fax:	Not reported
Contact Email:	ADAM.ESTES@GHD.COM
Contact Title:	RMC
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	20945 SOUTH WILMINGTON AVENUE
Mailing City,State,Zip:	CARSON, WA 90810
Owner Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Owner Type:	Private
Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

TEXACO STATION 121109 (Continued) **1015751783**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 18:03:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099 NOB300G03
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77253
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2238
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77253
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20945 SOUTH WILMINGTON AVENUE
Owner/Operator City,State,Zip:	CARSON, CA 90810
Owner/Operator Telephone:	815-468-8824
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2224
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2238
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210-4453
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067-2058
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	2001-03-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	281-874-2208
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private

TEXACO STATION 121109 (Continued) **1015751783**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12700 NORTHBOROUGH DR
Owner/Operator City,State,Zip:	HOUSTON, TX 77067
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2099
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2099
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	1996-08-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TEXACO STATION 121109
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3251 PACIFIC HWY S
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	425-827-0761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EQUILION ENTERPRISES LLC DBA SHELL OIL P
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4453
Owner/Operator City,State,Zip:	HOUSTON, TX 77210
Owner/Operator Telephone:	206-255-9018
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77252
Owner/Operator Telephone:	281-874-2247
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES LLC DBA SHELL OIL PR
Legal Status:	Private
Date Became Current:	1998-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 3127
Owner/Operator City,State,Zip:	HOUSTON, TX 77253
Owner/Operator Telephone:	713-241-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-27 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-03 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified

TEXACO STATION 121109 (Continued) **1015751783**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-02 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-08-06 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-16 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

TEXACO STATION 121109 (Continued) **1015751783**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-28 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-07 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

Receive Date:	2001-03-02 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-25 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TEXACO STATION 121109 (Continued) **1015751783**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-10-21 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-27 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-15 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-05 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TEXACO STATION 121109 (Continued) **1015751783**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-20 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-01-27 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-15 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-08-05 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-11-30 00:00:00.0
Handler Name:	TEXACO STATION 121109

TEXACO STATION 121109 (Continued) **1015751783**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-03 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-19 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-17 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-18 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TEXACO STATION 121109 (Continued) **1015751783**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-15 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TEXACO STATION 121109
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TEXACO STATION 121109 (Continued) **1015751783**

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES
NAICS Code:	447110
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

E19 **FIEDLER LOWELL J** **EDR Hist Auto** **1021132989**
NW **3251 PACIFIC HWY E** **N/A**
< 1/8 **TACOMA, WA 98424**
0.087 mi.
460 ft. **Site 3 of 9 in cluster E**

Relative: EDR Hist Auto
Lower

Actual:
19 ft.

Year:	Name:	Type:
1969	FIEDLER LOWELL J	Gasoline Service Stations
1970	FIEDLER LOWELL J	Gasoline Service Stations
1971	FIEDLER LOWELL J	Gasoline Service Stations
1972	FIEDLER LOWELL J	Gasoline Service Stations
1973	FIEDLER LOWELL J	Gasoline Service Stations
1974	FIEDLER LOWELL J	Gasoline Service Stations
1975	FIEDLER LOWELL J	Gasoline Service Stations
1976	FIEDLER LOWELL J	Gasoline Service Stations
1977	FIEDLER LOWELL J	Gasoline Service Stations
1978	FIEDLER LOWELL J	Gasoline Service Stations
1979	FIEDLER LOWELL J	Gasoline Service Stations
1980	FIEDLER LOWELL J	Gasoline Service Stations
1982	FIEDLER LOWELL J	Gasoline Service Stations
1983	FIEDLER LOWELL J	Gasoline Service Stations
1987	PORT OF TACOMA TEXACO	Gasoline Service Stations
1988	PORT OF TACOMA TEXACO	Gasoline Service Stations
1989	PORT OF TACOMA TEXACO	Gasoline Service Stations
1990	PORT OF TACOMA TEXACO	Gasoline Service Stations
1991	PORT OF TACOMA TEXACO	Gasoline Service Stations
1992	PORT OF TACOMA TEXACO	Gasoline Service Stations
1996	RONACO INC	Gasoline Service Stations, NEC
1997	RONACO INC	Gasoline Service Stations, NEC
1998	RONACO INC	Gasoline Service Stations, NEC
1999	RONACO INC	Gasoline Service Stations, NEC
2000	RONACO INC	Gasoline Service Stations, NEC
2001	RONACO INC	Gasoline Service Stations, NEC
2011	JACKSONS FOOD STORES INC	Gasoline Service Stations, NEC
2012	JACKSONS FOOD STORES INC	Gasoline Service Stations, NEC

E20 NW < 1/8 0.087 mi. 460 ft. | **TEXACO 63-232-0143** | **WA VCP** | **S124435956** | **N/A**
3251 PACIFIC HWY S
FIFE, WA 98424

Site 4 of 9 in cluster E

Relative: Lower

Actual: 19 ft.

VCP:

Name:	TEXACO 63-232-0143
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	77832375
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	10499
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

E21 NW < 1/8 0.087 mi. 460 ft. | **TEXACO STATION 121109** | **WA CSCSL** | **1000474210** | **N/A**
3251 PACIFIC HWY S | **WA LUST**
FIFE, WA 98424 | **WA ALLSITES**
FINDS
ECHO
WA MANIFEST

Site 5 of 9 in cluster E

Relative: Lower

Actual: 19 ft.

CSCSL:

Name:	TEXACO 63-232-0143
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility ID:	77832375
Region:	Southwest
Lat/Long:	47.243479283943 / -122.3852527615
Clean Up Siteid:	10499
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	JACKSONS 640,PORT OF TACOMA SHELL FOOD MART,Texaco 632320143,TEXACO STATION 121109,TEXACO STATION 3251 PACIFIC HWY S
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	TEXACO 63-232-0143
Address:	3251 PACIFIC HWY S

TEXACO STATION 121109 (Continued) **1000474210**

City,State,Zip:	FIFE, WA 98424
Facility ID:	77832375
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	10499
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	JACKSONS 640,PORT OF TACOMA SHELL FOOD MART,Texaco 632320143,TEXACO STATION 121109,TEXACO STATION 3251 PACIFIC HWY S
Response Section:	Southwest
Release Date:	12/18/1990
Lust Date:	01/16/2001
Region:	Southwest
Lust ID:	4783
UST ID:	423934
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2434792 / -122.38525

ALLSITES:

Name:	TEXACO STATION 121109
Facility Id:	77832375

FINDS:

Registry ID: 110005358512

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000474210
Registry ID:	110005358512
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358512
Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424

TEXACO STATION 121109 (Continued) **1000474210**

WA MANIFEST:

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	2015 - XQG. Shell waste generation activities have ceased at site; EPA ID number may be inactivated.
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	20945 South Wilmington Avenue
Mailing City,State,Zip:	Carson, CA 90810
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	20945 South Wilmington Avenue
Legal Address 2:	Not reported
Legal City,State,Zip:	Carson, CA 90810
Legal Phone Number:	815-468-8824
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	20945 South Wilmington Avenue
Land City,State,Zip:	Carson, CA 90810
Land Phone Number:	815-468-8824
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	20945 South Wilmington Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Carson, CA 90810
Operator Phone Number:	815-468-8824
Operator Effective Date:	08/27/1996

TEXACO STATION 121109 (Continued) **1000474210**

Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	adam.estes@ghd.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

TEXACO STATION 121109 (Continued) **1000474210**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	aestes@CRAworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O BOX 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77253
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	Adam J Estes
Site Contact Address:	6520 Corporate Drive
Contact City,State,Zip:	Indianapolis, IN 46278
Site Contact Phone Number:	317-291-7068
Site Contact Email:	aestes@CRAworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

TEXACO STATION 121109 (Continued) **1000474210**

Used Oil Transporter:		False
Used Oil Transfer Facility:		False
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		TEXACO STATION 121109
Address:		3251 PACIFIC HWY S
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		77832375
EPA ID:		WAD988483178
NAICS:		447110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2012
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		409019185
Business Type:		GASOLINE SERVICE STATION
Mail Name:		Shell Oil Products US
Mailing Address:		P O BOX 3127
Mailing City,State,Zip:		HOUSTON, TX 77253
Legal Organization Name:		Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		P O BOX 3127
Legal Address 2:		Not reported
Legal City,State,Zip:		HOUSTON, TX 77253
Legal Phone Number:		713-241-6992
Legal Effective Date:		08/01/1998
Land Organization Name:		Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		P O BOX 3127
Land City,State,Zip:		HOUSTON, TX 77252-2099
Land Phone Number:		713-241-6992
Operator Organization Name:		Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:		Private

TEXACO STATION 121109 (Continued) **1000474210**

Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	713-241-17008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	DECON WATER
CORb Sequence Number:	138035
Sequence Number:	2673701
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	459
Quanity Unit:	LB
Kilograms Quanity:	208.202403
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	1392990
Shipment Date:	2012-01-17 00:00:00

TEXACO STATION 121109 (Continued) **1000474210**

Mainfest Document ID:	000045640DAT
Reported Quanity:	459
Unit of Measure:	LB
Kilograms Quanity:	208.202403
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	673734
Received EPAID:	WAD991281767
Managed Quanity:	459
Kilogram Quanity:	208.202403
Recycled Percentage:	0
Waste Management System Code:	H111

Waste Stream EPA Code:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	5963766
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	138035
Waste Sequence Number:	2673701
Sequence Number:	1
WCDD Code:	G32

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA FOR 2011.
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	P O BOX 3127
Mailing City,State,Zip:	HOUSTON, TX 77253
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O Box 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	713-241-6992
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	713-241-6992
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	713-241-6992
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	713-241-17008
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178

TEXACO STATION 121109 (Continued) **1000474210**

NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	P O Box 3127
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	P O BOX 3127
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	P O Box 3127
Operator Address 2:	Not reported
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	P o box 3127
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False

TEXACO STATION 121109 (Continued) **1000474210**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr

TEXACO STATION 121109 (Continued) **1000474210**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D018
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

TEXACO STATION 121109 (Continued) **1000474210**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	Not reported
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	281-874-2247
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	281-874-2247
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	300F08

TEXACO STATION 121109 (Continued) **1000474210**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSATE - GASOLINE
CORb Sequence Number:	118279
Sequence Number:	2004283
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1376.0999999999999
Quanity Unit:	LB
Kilograms Quanity:	624.19897073622235
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	955894
Shipment Date:	10/6/2008
Mainfest Document ID:	004304595JJK
Reported Quanity:	1376.1
Unit of Measure:	LB
Kilograms Quanity:	624.198970736222
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	488253
Received EPAID:	WAD991281767
Managed Quanity:	1376.0999999999999
Kilogram Quanity:	624.19897073622235
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Stream EPA Code:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	4288771
WCDA Code:	D018
Waste Sequence Number:	2004283
Sequence Number:	4288770
WCDA Code:	D001

TEXACO STATION 121109 (Continued) **1000474210**

Waste Stream Source Code:

CORB Waste Sequence Number:	118279
Waste Sequence Number:	2004283
Sequence Number:	1
WCDD Code:	G13

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	2818742224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	2818742224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private

TEXACO STATION 121109 (Continued) **1000474210**

Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F07
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2238
Operator Effective Date:	08/27/1996
Site Contact:	DON F WISDOM
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2238
Site Contact Email:	DON.F.WISDOM@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	300F07

Name:	TEXACO STATION 121109
Address:	3251 PACIFIC HWY S
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	77832375
EPA ID:	WAD988483178
NAICS:	447110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005.NO RCRA WASTE GENE 2007.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	NOB 300G04 - RACHEL HULL
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported

TEXACO STATION 121109 (Continued) **1000474210**

LN Address 2:	NOB #300G04
Tax Reg #:	409019185
Business Type:	GASOLINE SERVICE STATION
Mail Name:	Shell Oil Products US
Mailing Address:	12700 NORTHBOROUGH DR
Mailing City,State,Zip:	HOUSTON, TX 77067-2508
Legal Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO BOX 2099
Legal Address 2:	NOB #300G04
Legal City,State,Zip:	HOUSTON, TX 77252-2099
Legal Phone Number:	2818742224
Legal Effective Date:	08/01/1998
Land Organization Name:	Equilon Enterprises LLC dba Shell Oil Pr
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 2099
Land City,State,Zip:	HOUSTON, TX 77252-2099
Land Phone Number:	2818742224
Operator Organization Name:	Equilion Enterprises LLC dba Shell Oil P
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	12700 NORTHBOROUGH DR
Operator Address 2:	300F08
Operator City,State,Zip:	HOUSTON, TX 77067-2058
Operator Phone Number:	281-874-2247
Operator Effective Date:	08/27/1996
Site Contact:	RAY E WALDING
Site Contact Address:	12700 NORTHBOROUGH DR
Contact City,State,Zip:	HOUSTON, TX 77067-2058
Site Contact Phone Number:	281-874-2247
Site Contact Email:	RAY.WALDING@SHELL.COM
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	300F08

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

E22 NW < 1/8 0.087 mi. 460 ft. | **PORT OF TACOMA SHELL FOOD MART**
3251 PACIFIC HWY 99 NE
FIFE, WA 98424

Site 6 of 9 in cluster E

WA UST | **U003354455**
N/A

Relative: Lower

Actual: 19 ft.

UST:

Name:	PORT OF TACOMA SHELL FOOD MART
Address:	3251 PACIFIC HWY 99 NE
City:	FIFE
Zip:	98424
Facility ID:	77832375
Site Id:	423934
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2434792839433
Decimal Longitude:	-122.38525276158
Tank Name:	1
Tag Number:	A0527
Tank Status:	Operational
Tank Status Date:	08/21/1997
Tank Install Date:	01/01/1984
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/31/2020
Tank Upgrade Date:	06/23/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	PORT OF TACOMA SHELL FOOD MART
Address:	3251 PACIFIC HWY 99 NE
City:	FIFE
Zip:	98424
Tank Name:	2
Tag Number:	A0527
Tank Status:	Operational
Tank Status Date:	08/21/1997
Tank Install Date:	01/01/1984
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/31/2020
Tank Upgrade Date:	06/23/1998

PORT OF TACOMA SHELL FOOD MART (Continued) **U003354455**

Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	PORT OF TACOMA SHELL FOOD MART
Address:	3251 PACIFIC HWY 99 NE
City:	FIFE
Zip:	98424

Tank Name:	3
Tag Number:	A0527
Tank Status:	Operational
Tank Status Date:	08/21/1997
Tank Install Date:	01/01/1984
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/31/2020
Tank Upgrade Date:	06/23/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	PORT OF TACOMA SHELL FOOD MART
Address:	3251 PACIFIC HWY 99 NE
City:	FIFE
Zip:	98424

Tank Name:	4
Tag Number:	A0527

PORT OF TACOMA SHELL FOOD MART (Continued) **U003354455**

Tank Status:	Operational
Tank Status Date:	08/21/1997
Tank Install Date:	01/01/1984
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/31/2020
Tank Upgrade Date:	06/23/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

E23 **TEXACO #63 232 0143 (TWO REPORTS)** **WA ICR** **S103503789**
NW **3251 PACIFIC HWY E.** **N/A**
< 1/8 **FIFE, WA 98424**
0.087 mi.
460 ft. **Site 7 of 9 in cluster E**

Relative:
Lower

Actual:
19 ft.

ICR:

Date Ecology Received Report:	10/23/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-01
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/08/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/26/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank

TEXACO #63 232 0143 (TWO REPORTS) (Continued) **S103503789**

Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/21/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-09
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/15/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-11
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	11/25/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-14
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	12/20/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/13/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report

TEXACO #63 232 0143 (TWO REPORTS) (Continued) **S103503789**

Site Register Issue:	98-27
County Code:	27
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	02/21/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-18
County Code:	27
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	08/09/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-39
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Second Quarter 2001
Date Ecology Received Report:	01/16/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Fourth Quarter 2000
Date Ecology Received Report:	03/11/02

E24
WNW
< 1/8
0.101 mi.
532 ft.

OCCIDENTAL CHEMICAL PITARCIK
PACIFIC HWY E & PORT OF TACOMA
TACOMA, WA 98424

WA ALLSITES **1004793276**
RCRA NonGen / NLR **WA0000758979**
WA MANIFEST

Site 8 of 9 in cluster E

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	OCCIDENTAL CHEMICAL PITARCIK
Facility Id:	41816694

RCRA Listings:

Date Form Received by Agency:	2019-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Handler Address:	PACIFIC HWY E & PORT OF TACOMA
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WA0000758979
Contact Name:	CLINTON BABCOCK
Contact Address:	605 ALEXANDER AVENUE

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-274-9760
Contact Fax:	Not reported
Contact Email:	CLINT_BABCOCK@OXY.COM
Contact Title:	DIRECTOR TACOMA OPERATIONS
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	605 ALEXANDER AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	OCCIDENTAL CHEMICAL CORP
Owner Type:	Private
Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:44.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401-2157
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEM O
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS H G
Legal Status:	Private
Date Became Current:	1996-08-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCCIDENTAL CHEMICAL PITARCIK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PACIFIC HWY E & PORT OF TACOMA
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVENUE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OCC TACOMA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2157
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-2661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	709 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5005 LBJ FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75244
Owner/Operator Telephone:	972-404-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GLENN SPRINGS HOLDINGS, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	1994-09-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OCCIDENTAL CHEMICAL CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	605 ALEXANDER AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-274-9760
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-29 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-23 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Receive Date:	1998-03-30 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-28 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-14 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-23 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-22 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-29 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-25 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-29 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-22 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-14 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-06 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-27 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-27 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-21 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-26 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	OCCIDENTAL CHEMICAL PITARCIK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56291
NAICS Description:	REMEDIATION SERVICES

NAICS Code:	562910
NAICS Description:	REMEDIATION SERVICES

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Identifier: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
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Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Identifier: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
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Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
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Proposed Amount: Not reported
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Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
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Agency Which Determined Violation:	Not reported
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Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
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Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
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OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
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Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
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Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
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SEP Scheduled Completion Date: Not reported
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Proposed Amount: Not reported
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Paid Amount: Not reported
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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
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SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
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Violation Short Description:	Not reported
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Actual Return to Compliance Date:	Not reported
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Enforcement Attorney:	Not reported
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Disposition Status Description:	Not reported
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Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
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Violation Responsible Agency: Not reported
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Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
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Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
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Paid Amount: Not reported
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OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2006-04-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier: WASXL
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-12-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-07-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Date:	2006-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-10-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-07-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-17 00:00:00.0
Evaluation Responsible Agency:	State

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-10-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Date:	2005-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-08-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-04-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-03-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-05-30 00:00:00.0
Evaluation Responsible Agency:	State

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-05-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-01-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-01-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Date:	2006-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-10-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-08-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-10-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-12-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-08 00:00:00.0
Evaluation Responsible Agency:	State

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WASXL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA MANIFEST:

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760
Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Clinton J Babcock
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	clint_babcock@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	605 Alexander Ave
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)274-9760

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Operator Organization Name:	Glenn Springs holdings, Inc.
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Alexander Avenue
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Maury Wassmann
Site Contact Address:	605 Alexander Avenue
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	maury_wassmann@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	OCCIDENTAL CHEMICAL PITARCIK
Address:	PACIFIC HWY E & PORT OF TACOMA
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	41816694
EPA ID:	WA0000758979
NAICS:	562910
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278038610
Business Type:	LTM of site remediation
Mail Name:	Occidental Chemical Pitarcik
Mailing Address:	605 Alexander Ave
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Occidental Chemical Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	605 Alexander Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)274-9760
Legal Effective Date:	09/09/1994
Land Organization Name:	Occidental Chemical Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway
Land City,State,Zip:	DALLAS, TX 75244
Land Phone Number:	(972)404-3800
Operator Organization Name:	Glenn Springs Holdings, Inc.
Operator Organization Type:	Private
Operator:	Maury Wassmann
Operator Address:	605 Alexander Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)274-9760
Operator Effective Date:	08/30/1996
Site Contact:	Maury Wassmann
Site Contact Address:	605 Alexander Ave
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)274-9760
Site Contact Email:	maury_wassmann@oxy.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

E25 WNW < 1/8 0.101 mi. 534 ft. | **PORT OF TACOMA ROAD INTERCHANGE FIFE** | **WA ALLSITES** | **S123402440** **N/A**

FIFE, WA 98424

Site 9 of 9 in cluster E

Relative: Lower
Actual: 18 ft.

ALLSITES:
Name: PORT OF TACOMA ROAD INTERCHANGE FIFE
Facility Id: 48505

F26 South < 1/8 0.122 mi. 642 ft. | **WESTERN PETERBILT LLC** | **WA ALLSITES** | **1001600501**
3443 20TH ST E | **RCRA NonGen / NLR** | **WAH000008912**
FIFE, WA 98424 | **FINDS**
ECHO
Site 1 of 2 in cluster F | **WA MANIFEST**

Relative: Higher
Actual: 22 ft.

ALLSITES:
Name: WESTERN PETERBILT INC 20TH ST E
Facility Id: 71198179

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	WESTERN PETERBILT LLC
Handler Address:	3443 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000008912
Contact Name:	TIM BEEBE
Contact Address:	PO BOX 24065
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	206-402-7102
Contact Fax:	Not reported
Contact Email:	TBEEBE@WTPE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 24065
Mailing City,State,Zip:	SEATTLE, WA 98124
Owner Name:	GWP HOLDINGS LLC
Owner Type:	Private
Operator Name:	WESTERN PETERBILT LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:10:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

WESTERN PETERBILT LLC (Continued) **1001600501**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D006
Waste Description:	CADMIUM

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
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Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	PO BOX 24065

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	2
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES C
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
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Owner/Operator Address:	PO BOX 24065
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Address:	PO BOX 24065
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
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Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	2
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
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WESTERN PETERBILT LLC (Continued) **1001600501**

Date Became Current:	Not reported
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Owner/Operator Address:	PO BOX 24065
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Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1719
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLCO LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3543
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GWP HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2014-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON M
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GWP HOLDINGS LLC
Legal Status:	Private
Date Became Current:	2014-09-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	PO BOX 24065

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1719
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLCO LLC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3543
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065

WESTERN PETERBILT LLC (Continued) **1001600501**

Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private

WESTERN PETERBILT LLC (Continued) **1001600501**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESTERN PETERBILT INC 20TH ST E
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESTERN PETERBILT LLC
Legal Status:	Private
Date Became Current:	1999-06-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 24065
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	206-624-7383
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-11 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-07 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-25 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-06-29 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-07-05 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-30 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-05-24 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E

WESTERN PETERBILT LLC (Continued) **1001600501**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-11 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-06 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-07 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-02 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-03 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-02 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-10 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Receive Date:	2010-03-11 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-25 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-20 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-21 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-27 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-20 00:00:00.0
Handler Name:	WESTERN PETERBILT LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WESTERN PETERBILT LLC (Continued) **1001600501**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-27 00:00:00.0
Handler Name:	WESTERN PETERBILT LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	WESTERN PETERBILT INC 20TH ST E
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111

WESTERN PETERBILT LLC (Continued) **1001600501**

NAICS Description: NEW CAR DEALERS

NAICS Code: 441110
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-12 00:00:00.0
Actual Return to Compliance Date:	2003-12-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-08-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-03-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADES
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-12-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-12-31 00:00:00.0
Scheduled Compliance Date:	2002-08-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005395688

WESTERN PETERBILT LLC (Continued) **1001600501**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600501
Registry ID:	110005395688
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005395688
Name:	WESTERN PETERBILT LLC
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Stanley Steele
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922-7922
Operator Effective Date:	06/29/1999
Site Contact:	Stanley Steele
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 922-7922
Site Contact Email:	ssteele@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110

WESTERN PETERBILT LLC (Continued) **1001600501**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Stanley Steele
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922-7922
Operator Effective Date:	06/29/1999
Site Contact:	Stanley Steele
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 922-7922
Site Contact Email:	ssteele@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private

WESTERN PETERBILT LLC (Continued) **1001600501**

Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Vanda Moore
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922 1719
Operator Effective Date:	06/29/1999
Site Contact:	Vanda Moore
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 253 1719
Site Contact Email:	vmoore@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Vanda Moore
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253) 922 1719
Operator Effective Date:	06/29/1999
Site Contact:	Vanda Moore
Site Contact Address:	PO Box 24065
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253) 253 1719
Site Contact Email:	vmoore@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E

WESTERN PETERBILT LLC (Continued) **1001600501**

Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Ron L Molnar
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Ron L Molnar
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424

WESTERN PETERBILT LLC (Continued) **1001600501**

Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	smiller@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		WESTERN PETERBILT INC 20TH ST E
Address:		3443 20TH ST E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		71198179
EPA ID:		WAH000008912
NAICS:		441110
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D006	
Form Comm:		Not reported
Data Year:		2010
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Industrial Furnace
LN Address 2:		Not reported
Tax Reg #:		600471845
Business Type:		Not reported
Mail Name:		Western Peterbilt Inc
Mailing Address:		3443 20TH ST E
Mailing City,State,Zip:		FIFE, WA 98424
Legal Organization Name:		Western Peterbilt Inc 20th St E
Legal Organization Type:		Private
Legal Contact:		James Coles
Legal Address:		PO Box 24065

WESTERN PETERBILT LLC (Continued) **1001600501**

Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Ron L Molnar
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Ron L Molnar
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	smiller@westernpeterbilt.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Shelby W Miller II
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	smiller@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

WESTERN PETERBILT LLC (Continued) **1001600501**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Jw Ellis III
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc

WESTERN PETERBILT LLC (Continued) **1001600501**

Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Jw Ellis III
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT INC 20TH ST E
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

WESTERN PETERBILT LLC (Continued) **1001600501**

Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt Inc
Mailing Address:	3443 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Western Peterbilt Inc 20th St E
Legal Organization Type:	Private
Legal Contact:	James Coles
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(206)624-7383 2246
Legal Effective Date:	06/29/1999
Land Organization Name:	Western Peterbilt Inc 20th St E
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 24065
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383 2246
Operator Organization Name:	Western Peterbilt Inc 20th St E
Operator Organization Type:	Private
Operator:	Rich Rocks
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98124
Operator Phone Number:	(206)624-7383 2246
Operator Effective Date:	06/29/1999
Site Contact:	Jw Ellis III
Site Contact Address:	3443 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-1719 2343
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE

WESTERN PETERBILT LLC (Continued) **1001600501**

Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

F27 **WESTERN PETERBILT LLC** **WA MANIFEST** **S121931511**
South **3443 20TH ST E** **N/A**
< 1/8 **FIFE, WA 98424**
0.122 mi.
642 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
22 ft.

WA MANIFEST:

Name:	WESTERN PETERBILT LLC
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 24065
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	GWP Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 24065

WESTERN PETERBILT LLC (Continued) **S121931511**

Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98124
Legal Phone Number:	(206)624-7383
Legal Effective Date:	09/01/2014
Land Organization Name:	Colco LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3543
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383
Operator Organization Name:	Western Peterbilt LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(206)624-7383
Operator Effective Date:	06/29/1999
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESTERN PETERBILT LLC
Address:	3443 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	71198179
EPA ID:	WAH000008912
NAICS:	441110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

WESTERN PETERBILT LLC (Continued) **S121931511**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600471845
Business Type:	Not reported
Mail Name:	Western Peterbilt LLC
Mailing Address:	PO Box 24065
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	GWP Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 24065
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98124
Legal Phone Number:	(206)624-7383
Legal Effective Date:	09/01/2014
Land Organization Name:	Colco LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3543
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(206)624-7383
Operator Organization Name:	Western Peterbilt LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 24065
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	2066247383
Operator Effective Date:	06/29/1999
Site Contact:	Troy Linnell
Site Contact Address:	3443 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	2539227922
Site Contact Email:	tlinnell@westernpeterbilt.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

WESTERN PETERBILT LLC (Continued) **S121931511**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

G28 **FIFE CITY STREETWASTE DECANT FACILITY** **WA SWF/LF** **S108276715**
NE **3725 PACIFIC HWY E** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.126 mi.
667 ft. **Site 1 of 2 in cluster G**

Relative:
Lower
Actual:
17 ft.

SWF/LF:

Name:	FIFE CITY STREETWASTE DECANT FACILITY
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	1449
Region:	STATE
Permit Status:	Permitted
Contact Organization:	City of Fife Public Works
Contact Address1:	3725 Pacific Hwy E
Contact Address2:	Not reported
Contact City:	Fife
Contact State:	WA
Contact Postal:	98424
Contact EMail:	kgreen@cityoffife.org
Contact Phone:	(253) 255-5337
Contact Phone Ext:	Not reported
Permit No:	27-720
Phone:	(253) 922-9315
Operator Name:	Not reported
Operator Organization:	City of Fife Public Works
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PUBLIC
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Kenneth Green
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.24362
Longitude:	-122.37841

G29 **FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS** **WA ALLSITES** **1004794743**
NE **3725 PACIFIC HWY E** **RCRA NonGen / NLR** **WAH000004770**
1/8-1/4 **FIFE, WA 98424** **FINDS**
0.126 mi. **ECHO**
667 ft. **Site 2 of 2 in cluster G** **WA MANIFEST**
WA NPDES

Relative:
Lower
Actual:
17 ft.

ALLSITES:

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Facility Id:	72875345

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

RCRA Listings:

Date Form Received by Agency:	2018-01-22 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Handler Address:	3725 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000004770
Contact Name:	MIKE PORTERFIELD
Contact Address:	3725 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-9315
Contact Fax:	Not reported
Contact Email:	MPORTERFIELD@CITYFOFIFE.ORG
Contact Title:	LEAD MECHANIC
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3725 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	FIFE CITY
Owner Type:	Private
Operator Name:	CITY OF FIFE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-23 12:52:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE VEHICLE DIV DEPT OF PUBLIC WORKS
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Name:	STEVE LINDHOLM
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIFE VEHICLE DIV DEPT OF PUBLIC WORKS
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Municipal
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1135
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDHOLM, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	1998-04-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FIFE CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3725 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-9315
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-30 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-02 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-24 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Electronic Manifest Broker:	Not reported
Receive Date:	2000-01-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-21 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-27 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-18 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-10 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-18 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-14 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-14 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-07 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-30 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-10 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Receive Date:	2012-03-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-26 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-06 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-04-04 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-22 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2012-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-12-05 00:00:00.0
Evaluation Responsible Agency:	State

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005392440

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794743
Registry ID:	110005392440
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005392440
Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Operator:	Not reported
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS
Address:	3725 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	72875345
EPA ID:	WAH000004770
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278036117
Business Type:	Vehicle Maintenance Shop
Mail Name:	Fife City
Mailing Address:	3725 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	Fife City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3725 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-9315
Legal Effective Date:	04/02/1998
Land Organization Name:	Fife City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3725 Pacific Hwy E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-9315
Operator Organization Name:	City of Fife
Operator Organization Type:	Municipal
Operator:	mike porterfield
Operator Address:	3725 Pacific Hwy E
Operator Address 2:	Not reported

FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS (Continued) **1004794743**

Operator City,State,Zip:	Fife, WA 98424-1135
Operator Phone Number:	(253)922-9315
Operator Effective Date:	04/02/1998
Site Contact:	mike porterfield
Site Contact Address:	3725 Pacific Hwy E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-9315
Site Contact Email:	mporterfield@cityfofife.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	FIFE CITY OF
Address:	3725 PACIFIC HWY E -
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Municipal SW Phase II Western WA GP
Admin Region:	Headqarters
Date Issued:	07/01/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR045007
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	07/31/2024
Effective Date:	08/01/2019
Days to Expiration:	-1479

30 North 1/8-1/4 0.135 mi. 714 ft.

KEY BANK
1323 34TH AVE E
FIFE, WA 98424

WA CSCSL
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000223632
WAD982654758

Relative: Lower

Actual: 18 ft.

CSCSL:

Name:	TACOMA POWER MINERAL OIL SPILL
Address:	1323 34TH AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	4888443
Region:	Southwest
Lat/Long:	47.24466 / -122.3831
Clean Up Siteid:	15216
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Key Bank
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	KEY BANK
Facility Id:	4888443

RCRA Listings:

Date Form Received by Agency:	1997-06-07 00:00:00.0
Handler Name:	KEY BANK
Handler Address:	1323 34TH AVE E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982654758
Contact Name:	JOHN THORNBERG
Contact Address:	1323 34TH AVE E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-552-5066
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1323 34TH AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	KEY BANK

KEY BANK (Continued) **1000223632**

Owner Type:	Private
Operator Name:	KEY BANK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

KEY BANK (Continued) **1000223632**

Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported

KEY BANK (Continued) **1000223632**

Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK K
Legal Status:	Private
Date Became Current:	1997-06-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-552-5066
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK

KEY BANK (Continued) **1000223632**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-593-3668
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEY BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1323 34TH AVE E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

KEY BANK (Continued) **1000223632**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-07 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-06 00:00:00.0
Handler Name:	KEY BANK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	52211
NAICS Description:	COMMERCIAL BANKING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

KEY BANK (Continued) **1000223632**

FINDS:
Registry ID: 110005346401

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000223632
Registry ID:	110005346401
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005346401
Name:	KEY BANK
Address:	1323 34TH AVE E
City,State,Zip:	FIFE, WA 98424

31
WSW
1/8-1/4
0.161 mi.
851 ft.

I5 PORT OF TACOMA ROAD INTERCHANGE IMPROVEMENTS **WA ALLSITES** **S118640699**
I5 & PORT OF TACOMA ROAD **N/A**
FIFE, WA 98424

Relative:
Higher

Actual:
25 ft.

ALLSITES:

Name:	I5 PORT OF TACOMA ROAD INTERCHANGE IMPROVEMENTS
Facility Id:	15143

32
SSE
1/8-1/4
0.166 mi.
879 ft.

PAPE MACHINERY TACOMA **WA UST** **1001969539**
3607 20TH ST E **WA ALLSITES** **WAD988492922**
TACOMA, WA 98424 **RCRA NonGen / NLR**
FINDS
ECHO
WA MANIFEST
WA NPDES

Relative:
Lower

Actual:
17 ft.

UST:

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	72626264
Site Id:	2926
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238927
Decimal Longitude:	-122.383449
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed

PAPE MACHINERY TACOMA (Continued) **1001969539**

Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA
Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITH TRACTOR & EQUIPMENT CO TACOMA

PAPE MACHINERY TACOMA (Continued) **1001969539**

Address:	3607 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PAPE MACHINERY TACOMA
Facility Id:	72626264

RCRA Listings:

Date Form Received by Agency:	2007-03-29 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Handler Address:	3607 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988492922
Contact Name:	CHANDA ROSALES
Contact Address:	355 GOODPASTURE ISALND RD.
Contact City,State,Zip:	EUGENE, OR 97401
Contact Telephone:	541-681-5386
Contact Fax:	Not reported
Contact Email:	CROSALES@PAPE.COM
Contact Title:	ASSISTANT PROPERTY MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA

PAPE MACHINERY TACOMA (Continued) **1001969539**

State District:	SWRO
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	PAPE' MACHINERY
Owner Type:	Private
Operator Name:	PAPE' MACHINERY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:25:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA

PAPE MACHINERY TACOMA (Continued) **1001969539**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE‘ MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	355 GOODPASTURE ISLAND RD
Owner/Operator City,State,Zip:	EUGENE, OR 97401
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE GROUP
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	355 GOODPASTURE ISLAND RD
Owner/Operator City,State,Zip:	EUGENE, OR 97401
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE‘ MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE’ MACHINERY P
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE’ MACHINERY P
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE’ MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	1996-09-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH TRACTOR TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITH TRACTOR EQUIPMENT CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITH REAL ESTATE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 778
Owner/Operator City,State,Zip:	KENT, WA 98035
Owner/Operator Telephone:	253-390-9255
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	541-683-5073
Owner/Operator Telephone Ext:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-8718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAPE' MACHINERY
Legal Status:	Private
Date Became Current:	2002-04-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3607 20TH ST. E.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-03-28 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

PAPE MACHINERY TACOMA (Continued) **1001969539**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-29 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-04-02 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-05 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-11 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-24 00:00:00.0

PAPE MACHINERY TACOMA (Continued) **1001969539**

Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-13 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	SMITH TRACTOR TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-18 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PAPE MACHINERY TACOMA (Continued) **1001969539**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-16 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-28 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PAPE MACHINERY TACOMA (Continued) **1001969539**

Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SMITH TRACTOR & EQUIPMENT CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SMITH TRACTOR & EQUIPMENT CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PAPE MACHINERY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42181
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT

PAPE MACHINERY TACOMA (Continued) **1001969539**

WHOLESALERS

NAICS Code: 42182
NAICS Description: FARM AND GARDEN MACHINERY AND EQUIPMENT WHOLESALERS

NAICS Code: 42381
NAICS Description: CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005365666

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001969539
Registry ID: 110005365666
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005365666
Name: PAPE MACHINERY TACOMA
Address: 3607 20TH ST E
City,State,Zip: TACOMA, WA 98424

PAPE MACHINERY TACOMA (Continued) **1001969539**

WA MANIFEST:

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	72626264
EPA ID:	WAD988492922
NAICS:	42381
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278049810
Business Type:	dealership
Mail Name:	Pape' Machinery
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Pape' Machinery
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3607 20TH ST E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	5416835073
Legal Effective Date:	04/01/2002
Land Organization Name:	Smith Real Estate Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 778
Land City,State,Zip:	KENT, WA 98035
Land Phone Number:	2533909255
Operator Organization Name:	Pape' Machinery
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3607 20th St. E.
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8718
Operator Effective Date:	04/01/2002
Site Contact:	Larry Phillips

PAPE MACHINERY TACOMA (Continued) **1001969539**

Site Contact Address:	3607 20th St. E.
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8718
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	72626264
EPA ID:	WAD988492922
NAICS:	42381
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278049810
Business Type:	dealership
Mail Name:	Pape' Machinery
Mailing Address:	3607 20TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Pape' Machinery
Legal Organization Type:	Private

PAPE MACHINERY TACOMA (Continued) **1001969539**

Legal Contact:	Not reported
Legal Address:	3607 20th St. E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	5416835073
Legal Effective Date:	04/01/2002
Land Organization Name:	Smith Real Estate Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 778
Land City,State,Zip:	KENT, WA 98035
Land Phone Number:	2533909255
Operator Organization Name:	Pape' Machinery
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3607 20th St. E.
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8718
Operator Effective Date:	04/01/2002
Site Contact:	Larry Phillips
Site Contact Address:	3607 20th St. E.
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8718
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	PAPE MACHINERY TACOMA
Address:	3607 20TH ST E -
City,State,Zip:	TACOMA, WA 98424
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23892699
Longitude:	-122.383449
Permit ID:	WAR005635
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued

PAPE MACHINERY TACOMA (Continued) **1001969539**

Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

H33 NNW 1/8-1/4 0.170 mi. 898 ft. **BREKKE ENTERPRISES** **WA ALLSITES** **1000271026**
1320 TIDEHAVEN RD **WA CSCSL NFA** **N/A**
TACOMA, WA 98424

Site 1 of 2 in cluster H

Relative: Lower

Actual: 18 ft.

ALLSITES:

Name:	BREKKE ENTERPRISES
Facility Id:	1279

CSCSL NFA:

Name:	BREKKE ENTERPRISES
Address:	1320 TIDEHAVEN RD
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	1279
CS Id:	3650
NFA Date:	10/30/1989
Alternate Site Names:	Not reported
NFA Reason:	Cleaned up under Prior Authority
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Corrosive Wastes
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.245746
Longitude:	-122.383127

H34 NNW 1/8-1/4 0.170 mi. 898 ft. **BREKKE ENTERPRISES** **SEMS-ARCHIVE** **1003880428**
1320 TIDEHAVEN RD **WAD980664874**
TACOMA, WA 98424

Site 2 of 2 in cluster H

Relative: Lower

Actual: 18 ft.

SEMS Archive:

Site ID:	1000933
EPA ID:	WAD980664874
Name:	BREKKE ENTERPRISES
Address:	1320 TIDEHAVEN RD
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98424
Cong District:	06
FIPS Code:	53053
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

BREKKE ENTERPRISES (Continued) **1003880428**

SEMS Archive Detail:

Region:	10
Site ID:	1000933
EPA ID:	WAD980664874
Site Name:	BREKKE ENTERPRISES
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-10-16 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1000933
EPA ID:	WAD980664874
Site Name:	BREKKE ENTERPRISES
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-12-01 05:00:00
Finish Date:	1980-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000933
EPA ID:	WAD980664874
Site Name:	BREKKE ENTERPRISES
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-09-12 05:00:00
Finish Date:	1985-10-16 05:00:00
Qual:	N
Current Action Lead:	St Perf

I35 **ASSOCIATED PETROLUEM PRODUCTS, INC.** **WA CSCSL** **U003354615**
WNW **3101 PACIFIC HWY E** **WA LUST** **N/A**
1/8-1/4 **FIFE, WA 98424** **WA UST**
0.181 mi. **WA ALLSITES**
957 ft. **Site 1 of 3 in cluster I** **WA Financial Assurance**
WA PTAP

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Region: Southwest
Lat/Long: 47.243694 / -122.386333
Clean Up Siteid: 14762
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Region: Southwest
Lat/Long: 47.243694 / -122.386333
Clean Up Siteid: 14762
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address: 3101 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 94129688
Region: Southwest
Lat/Long: 47.243694 / -122.386333
Clean Up Siteid: 14762
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank: Not reported
Has Institutional Control: Not reported

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Region:	Southwest
Lat/Long:	47.243694 / -122.386333
Clean Up Siteid:	14762
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

LUST:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Lead
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94129688
Lust Status Type:	LUST - Awaiting Cleanup

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Cleanup Site ID:	14762
Cleanup Unit Type:	Upland
Process Type:	No Process
Cleanup Unit Name:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLUEM PRODUCTS INC,ASSOCIATED PETROLUEM PRODUCTS,INC.,GOODYEAR TIRE 5608
Response Section:	Pollution Liability Ins Agcy
Release Date:	06/15/2018
Lust Date:	06/15/2018
Region:	Southwest
Lust ID:	8052
UST ID:	4691
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.243694 / -122.38633

UST:

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424
Facility ID:	94129688
Site Id:	4691
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.243694
Decimal Longitude:	-122.386333

Tank Name:	1
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Dispencer/Pump SFC Type:	Impressed Current
Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	2
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current
Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City:	FIFE
Zip:	98424
Tank Name:	3
Tag Number:	A8401
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	05/31/2020
Tank Upgrade Date:	12/21/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Impressed Current

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Impressed Current
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Impressed Current

ALLSITES:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Facility Id:	94129688

WA Financial Assurance 1:

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E & S INSURANCE
Inception Date:	02/01/2016
Expiration Date:	02/01/2017
Address 2:	Not reported
Policy Number:	BTA9986632-05
Effective Date:	02/01/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	01/25/2017
Expiration Date:	02/01/2018
Address 2:	Not reported
Policy Number:	BTA 9986632-06
Effective Date:	01/25/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	01/22/2018
Expiration Date:	02/01/2019
Address 2:	Not reported

ASSOCIATED PETROLUEM PRODUCTS, INC. (Continued) **U003354615**

Policy Number:	BTA 9986632-07
Effective Date:	01/22/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

Name:	ASSOCIATED PETROLUEM PRODUCTS, INC.
Address:	3101 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	4691
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	02/01/2019
Expiration Date:	02/01/2020
Address 2:	Not reported
Policy Number:	05-TOP-000000759
Effective Date:	02/01/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.243694
Longitude:	-122.386333

PTAP:

Name:	TACOMA WINGFOOT TIRE PORT OF TACOMA (APP/CFN #2038) CARD LOCK
Address:	3101 PACIFIC HIGHWAY EAST
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW055
FSID Number:	94129688
Entry Date:	02/08/2019
Status:	In Progress

I36 **GOODYEAR COMMERCIAL TIRE & SVC CENTERS** **RCRA-LQG** **1004794364**
WNW **3101 PACIFIC HWY E** **FINDS** **WAD988509170**
1/8-1/4 **FIFE, WA 98424** **ECHO**
0.181 mi.
957 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
13 ft.

RCRA Listings:

Date Form Received by Agency:	2018-04-24 00:00:00.0
Handler Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Handler Address:	3101 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988509170
Contact Name:	GREG CHIAMULON
Contact Address:	3101 PACIFIC HWY E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-778-3336
Contact Fax:	Not reported
Contact Email:	GREG_CHIAMULON@GOODYEAR.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	3101 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Owner Type:	Private
Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-23 13:26:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466-1410
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMER W
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	1986-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR TIRE RUBBER CO
Legal Status:	Private
Date Became Current:	1996-06-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1144 E MARKET ST D/763
Owner/Operator City,State,Zip:	AKRON, OH 44316
Owner/Operator Telephone:	330-796-6928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14411 STARR RD SE
Owner/Operator City,State,Zip:	OLALLA, WA 98359
Owner/Operator Telephone:	253-606-0537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE K
Legal Status:	Private
Date Became Current:	1997-03-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1025
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	1986-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	1986-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR TIRE RUBBER CO
Legal Status:	Private
Date Became Current:	1996-06-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1144 E MARKET ST D/763
Owner/Operator City,State,Zip:	AKRON, OH 44316
Owner/Operator Telephone:	330-796-6928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODYEAR TIRE RUBBER CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1144 E MARKET ST
Owner/Operator City,State,Zip:	AKRON, OH 44316
Owner/Operator Telephone:	216-796-7474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE KOCHAN
Legal Status:	Private
Date Became Current:	1997-03-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1025
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KOCHAN, MIKE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE SVC CENTERS
Legal Status:	Private
Date Became Current:	1986-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14411 STARR RD SE
Owner/Operator City,State,Zip:	OLALLA, WA 98359
Owner/Operator Telephone:	253-606-0537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14411 STARR RD SE
Owner/Operator City,State,Zip:	OLALLA, WA 98359
Owner/Operator Telephone:	253-606-0537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Legal Status:	Private
Date Became Current:	1986-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-3303
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14411 STARR RD SE
Owner/Operator City,State,Zip:	OLALLA, WA 98359
Owner/Operator Telephone:	253-606-0537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3101 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR TIRE RUBBER CO
Legal Status:	Private
Date Became Current:	1996-06-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1144 E MARKET ST D/763
Owner/Operator City,State,Zip:	AKRON, OH 44316
Owner/Operator Telephone:	330-796-6928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR TIRE RUBBER CO
Legal Status:	Private
Date Became Current:	1996-06-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1144 E MARKET ST D/763
Owner/Operator City,State,Zip:	AKRON, OH 44316
Owner/Operator Telephone:	330-796-6928
Owner/Operator Telephone Ext:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3604 OLYMPIC BLVD W
Owner/Operator City,State,Zip:	TACOMA, WA 98466
Owner/Operator Telephone:	253-565-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Legal Status:	Private
Date Became Current:	2000-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 48
Owner/Operator City,State,Zip:	FORT SMITH, AR 72902
Owner/Operator Telephone:	501-788-6401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUPO, FRANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14411 STARR RD SE
Owner/Operator City,State,Zip:	OLALLA, WA 98359
Owner/Operator Telephone:	253-606-0537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-09-28 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-09-28 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-09-29 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-09-29 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-30 00:00:00.0
Handler Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-30 00:00:00.0
Handler Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-27 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-21 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-06-21 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-28 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-13 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-09-28 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-09-28 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

Electronic Manifest Broker:	Not reported
Receive Date:	2016-12-28 00:00:00.0
Handler Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-03-29 00:00:00.0
Handler Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-04-24 00:00:00.0
Handler Name:	GOODYEAR COMMERCIAL TIRE & SVC CENTERS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44132
NAICS Description:	TIRE DEALERS

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

NAICS Code: 441320
NAICS Description: TIRE DEALERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2001-12-05 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

GOODYEAR COMMERCIAL TIRE & SVC CENTERS (Continued) **1004794364**

FINDS:
Registry ID: 110005377519

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794364
Registry ID:	110005377519
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005377519
Name:	GOODYEAR SERVICE CENTER
Address:	3101 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

J37 **LOVE'S TRAVEL STOP # 448** **WA UST** **U003356012**
NNW **1501 33RD AVE E** **WA ICR** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.186 mi.
981 ft. **Site 1 of 4 in cluster J**

Relative:
Lower

Actual:
17 ft.

UST:

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Facility ID:	94359448
Site Id:	97690
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451207000359
Decimal Longitude:	-122.384893162159
Tank Name:	1
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	3
Tag Number:	A8957

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	4
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	5
Tag Number:	A8957
Tank Status:	Closure in Process
Tank Status Date:	11/08/2018
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/15/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Impressed Current
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	6
Tag Number:	A8957
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1979
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Pipe Primary Release Detection: Other
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: None
Pipe Pumping System: Product Removed by Reclaimer
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: LOVE'S TRAVEL STOP # 448
Address: 1501 33RD AVE E
City: FIFE
Zip: 98424

Tank Name: 7
Tag Number: A8957
Tank Status: Closed in Place
Tank Status Date: 08/06/1996
Tank Install Date: 01/01/1979
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: None
Tank Manifold: Not reported
Tank Release Detection: Weekly Manual Gauging
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Other
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: None
Pipe Pumping System: Product Removed by Reclaimer
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: LOVE'S TRAVEL STOP # 448
Address: 1501 33RD AVE E
City: FIFE
Zip: 98424

Tank Name: 8
Tag Number: A8957
Tank Status: Closed in Place
Tank Status Date: 08/06/1996
Tank Install Date: 01/01/1979
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: None
Tank Overfill Prevention: None
Tank Material: Not reported
Tank Construction: Single Wall Tank

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T1 UNLEADED
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T2 PRM/DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T2 PRM/DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Tank Name:	T3 DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424

Tank Name:	T4 DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Main
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Dispencer/Pump SFC Type:	Sump
Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	T5 DSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Auxiliary
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Sump
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Siphon
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City:	FIFE
Zip:	98424
Tank Name:	T6 BIODSL
Tag Number:	A8957
Tank Status:	Operational
Tank Status Date:	12/16/2019
Tank Install Date:	07/23/2019
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	12/31/2020
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Main
Tank Release Detection:	Interstitial Monitoring Required
Tank SFC Type:	Sump

LOVE'S TRAVEL STOP # 448 (Continued) **U003356012**

Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring Required
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

ICR:

Date Ecology Received Report:	02/10/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/23/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	07/15/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-28
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/28/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-07
County Code:	27
Contact:	Not reported
Report Title:	Not reported

J38 NNW 1/8-1/4 0.186 mi. 981 ft. | **FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP**
1501 33RD AVE E
FIFE, WA 98424

Site 2 of 4 in cluster J

WA CSCSL
WA LUST
WA ALLSITES
WA SPILLS

S107672870
N/A

Relative: Lower

Actual: 17 ft.

CSCSL:

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Region:	Southwest
Lat/Long:	47.245120700035 / -122.3848931621
Clean Up Siteid:	6909
Site Status:	Cleanup Started

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address: 1501 33RD AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 94359448
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6909
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section: Southwest
Release Date: 04/06/1992
Lust Date: 09/15/1995
Region: Southwest
Lust ID: 1763
UST ID: 97690
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2451207 / -122.38489

Name: FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address: 1501 33RD AVE E
City,State,Zip: FIFE, WA 98424
Facility ID: 94359448
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6909
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section: Southwest
Release Date: 07/26/2013
Lust Date: 11/14/2013
Region: Southwest
Lust ID: 6760
UST ID: 97690
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	07/26/2013
Lust Date:	11/14/2013
Region:	Southwest
Lust ID:	6760
UST ID:	97690
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility ID:	94359448
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6909
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FLYING J TRAVEL PLAZA,LOVE'S TRAVEL STOP # 448,LOVES TRAVEL STOPS 448
Response Section:	Southwest
Release Date:	04/06/1992
Lust Date:	09/15/1995
Region:	Southwest
Lust ID:	1763
UST ID:	97690
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451207 / -122.38489

ALLSITES:

Name:	FLYING J TRAVEL PLAZA
Facility Id:	94359448

SPILLS:

Name:	Not reported
Address:	Not reported
City,State,Zip:	FIFE, WA
Facility ID:	606436
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Material Qty:	40
Material Units:	GALLON
Date Received:	06/16/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	WSE TRANSPOIRTAION LLC
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	553702
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	1
Material Units:	GALLON
Date Received:	03/01/2006
Contact Name:	CADJEW
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	563426
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	25
Material Units:	GALLON
Date Received:	06/25/2007
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S107672870**

Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA
Facility ID:	606436
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	7
Material Units:	GALLON
Date Received:	06/16/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

J39 **LOVE'S TRAVEL STOP # 448** **WA ALLSITES** **S108278260**
NNW **1501 33RD AVE E** **WA SPILLS** **N/A**
1/8-1/4 **FIFE, WA 98424** **WA Financial Assurance**
0.186 mi. **WA NPDES**
981 ft. **Site 3 of 4 in cluster J**

Relative:
Lower

Actual:
17 ft.

ALLSITES:

Name:	FIFE WA LOVES TRAVEL STOP
Facility Id:	32229

SPILLS:

Name:	Not reported
Address:	1501 33RD AVE
City,State,Zip:	FIFE, WA
Facility ID:	606733
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	50
Material Units:	GALLON
Date Received:	07/01/2008
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported

LOVE'S TRAVEL STOP # 448 (Continued) **S108278260**

Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1501 33RD AVE
City,State,Zip:	FIFE, WA
Facility ID:	555026
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	30
Material Units:	GALLON
Date Received:	05/10/2006
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA Financial Assurance 1:

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	97690
Financial Resp Type:	SELF INSURANCE
Inception Date:	04/13/2017
Expiration Date:	04/13/2018
Address 2:	Not reported
Policy Number:	603017466-001-0001
Effective Date:	04/13/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Letter of self-insurance (financial report)
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/23/2019
Latitude:	47.2451207
Longitude:	-122.38489316

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	97690

LOVE'S TRAVEL STOP # 448 (Continued) **S108278260**

Financial Resp Type:	SELF INSURANCE
Inception Date:	04/04/2018
Expiration Date:	04/04/2019
Address 2:	Not reported
Policy Number:	603017466-1-455-74
Effective Date:	04/04/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Letter of self-insurance (financial report)
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/23/2019
Latitude:	47.2451207
Longitude:	-122.38489316

Name:	LOVE'S TRAVEL STOP # 448
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	97690
Financial Resp Type:	SELF INSURANCE
Inception Date:	07/23/2019
Expiration Date:	07/23/2020
Address 2:	Not reported
Policy Number:	603017466-2728109
Effective Date:	07/23/2019
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Letter of self-insurance (financial report)
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/23/2019
Latitude:	47.2451207
Longitude:	-122.38489316

NPDES:

Name:	FIFE WA LOVES TRAVEL STOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR306798
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	08/01/2018
Days to Expiration:	-171

J40 NNW 1/8-1/4 0.186 mi. 981 ft. | **FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP** | **WA VCP** | **S124436664** **N/A**

1501 33RD AVE E
FIFE, WA 98424

Site 4 of 4 in cluster J

Relative: Lower

Actual: 17 ft.

VCP:

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	94359448
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6909
Contaminant Name:	Benzene
Soil:	Confirmed Above Cleanup Levels

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	94359448
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6909
Contaminant Name:	Petroleum-Diesel
Soil:	Confirmed Above Cleanup Levels

Name:	FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP
Address:	1501 33RD AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	94359448
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6909
Contaminant Name:	Petroleum-Gasoline

FLYING J TRAVEL PLAZA AKA LOVE'S TRAVEL SHOP (Continued) **S124436664**

Soil: Confirmed Above Cleanup Levels

41
NNE
1/8-1/4
0.188 mi.
990 ft.

Relative:
Lower

Actual:
16 ft.

ABRA AUTO BODY AND GLASS FIFE
3909 PACIFIC HWY E
TACOMA, WA 98424

WA UST **1000891883**
WA ALLSITES **WA0000188706**
RCRA NonGen / NLR
FINDS
CA HAZNET
WA MANIFEST

UST:

Name:	JET TRUCK PARTS INC
Address:	3909 PACIFIC HY EAST
City:	TACOMA
Zip:	98424
Facility ID:	52994962
Site Id:	7083
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24288
Decimal Longitude:	-122.37583
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TNT AUTOBODY & PAINT
Facility Id:	52994962

RCRA Listings:

Date Form Received by Agency:	2019-10-08 00:00:00.0
Handler Name:	CALIBER COLLISION CENTER FIFE 2907
Handler Address:	3909 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

EPA ID:	WA0000188706
Contact Name:	LORI EATON
Contact Address:	2941 LAKE VISTA
Contact City,State,Zip:	LEWISVILLE, TX 75067
Contact Telephone:	469-948-9500
Contact Fax:	Not reported
Contact Email:	LICENSEANDPERMITS@CALIBERCOLLISION.COM
Contact Title:	INTEGRATION LICENSING COORDINATOR
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2941 LAKE VISTA
Mailing City,State,Zip:	LEWISVILLE, TX 75067
Owner Name:	CALIBER HOLDINGS CORPORATION
Owner Type:	Private
Operator Name:	CALIBER HOLDINGS CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-11-21 12:03:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT INC
Legal Status:	Private
Date Became Current:	2001-02-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKWY
Owner/Operator City,State,Zip:	BROOKLYN CENTER, MN 55430
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER HOLDINGS CORPORATION
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063-4092
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYST E
Legal Status:	Private
Date Became Current:	1996-08-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT INC
Legal Status:	Private
Date Became Current:	2001-02-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUSTIN FAMILY PROPERTIES
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6601 SHINGLE CREEK PKWY
Owner/Operator City,State,Zip:	BOOKLYN CENTER, MN 55430
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALIBER HOLDINGS CORPORATION
Legal Status:	Private
Date Became Current:	2019-08-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2941 LAKE VISTA
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75067
Owner/Operator Telephone:	469-948-9500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT AUTOBODY PAINT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABRA INC
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HENSRUDE, SCOTT AND CHRISTY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6130 MALTBY RD
Owner/Operator City,State,Zip:	WOODINVILLE, WA 98072
Owner/Operator Telephone:	425-478-9949
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA AUTO BODY GLASS, LP
Legal Status:	Private
Date Became Current:	2013-05-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COL S
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SERVICE 1ST COLLISSION CENTER
Legal Status:	Private
Date Became Current:	2002-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3909 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2996
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ENVIROTECH SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3601 121ST ST SW
Owner/Operator City,State,Zip:	LYNNWOOD, WA 98037
Owner/Operator Telephone:	206-363-9000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FREASE, H L
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 4092
Owner/Operator City,State,Zip:	FEDERAL WAY, WA 98063
Owner/Operator Telephone:	253-927-2611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ABRA AUTO BODY GLASS, LP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7225 NORTHLAND DRIVE
Owner/Operator City,State,Zip:	BROOKLYN PARK, MN 55428
Owner/Operator Telephone:	763-585-6253
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-05-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-05-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-02-22 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-01-07 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-08 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-28 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-05-21 00:00:00.0
Handler Name:	TNT AUTOBODY & PAINT

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-06-27 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-17 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-13 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-17 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-28 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-07 00:00:00.0
Handler Name:	ABRA AUTO BODY & GLASS FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-10-08 00:00:00.0
Handler Name:	CALIBER COLLISION CENTER FIFE 2907
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

List of NAICS Codes and Descriptions:

NAICS Code:	811112
NAICS Description:	AUTOMOTIVE EXHAUST SYSTEM REPAIR
NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005303992

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:
Name: TNT AUTOBODY & PAINT
Address: 3909 PACIFIC HWY E
Address 2: Not reported
City,State,Zip: FIFE, WA 98424
Contact: TAMMI HATCHER
Telephone: 2539222996
Mailing Name: Not reported
Mailing Address: 3909 PACIFIC HWY E

Year: 2002
Gepaid: WA0000188706
TSD EPA ID: CAD980884183
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: D99 - Disposal, Other
Tons: 0.1815

Additional Info:
Year: 2002
Gen EPA ID: WA0000188706

Shipment Date: 20020627
Creation Date: 9/18/2002 18:32:45
Receipt Date: 20020703
Manifest ID: 21293581
Trans EPA ID: WAH000012450
Trans Name: Not reported
Trans 2 EPA ID: CAT000624247
Trans 2 Name: Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3909 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	(763)585-6253

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Legal Effective Date:	05/14/2013
Land Organization Name:	Hensrude, Scott and Christy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	(425)478-9949
Operator Organization Name:	ABRA Auto Body & Glass, LP
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	(763)585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D008,D018,D035,D039,D040,F001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	16120 Foster St
Mailing City,State,Zip:	Overland Park, KS 66085
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Auto Body & Glass, LP
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Site Contact Address 2:	Not reported
Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D035,D039,F003,F005,D040
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	16120 Foster St
Mailing City,State,Zip:	Overland Park, KS 66085
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D006,D018,D035,D039,D040,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D005,D035,F001,F003
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Vorous
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	gvorous@abraauto.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	ABRA AUTO BODY & GLASS FIFE
Address:	3909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	52994962
EPA ID:	WA0000188706
NAICS:	811112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001D005D035F001F003
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603283211
Business Type:	Auto Body Repair & Refini
Mail Name:	Team Safety LLC
Mailing Address:	6801 W 121st St #110
Mailing City,State,Zip:	Overland Park, KS 66209
Legal Organization Name:	ABRA Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	7225 Northland Drive
Legal Address 2:	#210
Legal City,State,Zip:	Brooklyn Park, MN 55428
Legal Phone Number:	763-585-6253
Legal Effective Date:	05/14/2013
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Scott and Christy Hensrude
Land Address:	6130 Maltby Rd
Land City,State,Zip:	Woodinville, WA 98072
Land Phone Number:	425-478-9949
Operator Organization Name:	ABRA Inc
Operator Organization Type:	Private

ABRA AUTO BODY AND GLASS FIFE (Continued) **1000891883**

Operator:	Not reported
Operator Address:	7225 Northland Drive
Operator Address 2:	#210
Operator City,State,Zip:	Brooklyn Park, MN 55428
Operator Phone Number:	763-585-6253
Operator Effective Date:	05/14/2013
Site Contact:	Gary Zesiger
Site Contact Address:	3909 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-922-8111
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	True
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

K42 **UNION PACIFIC RR FIFE** **RCRA-VSQG** **1001490893**
SSW **3330 20TH ST E** **WA SPILLS** **WAD988511390**
1/8-1/4 **FIFE, WA 98424**
0.191 mi.
1011 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
20 ft.

RCRA Listings:

Date Form Received by Agency:	2019-02-13 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Handler Address:	3330 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988511390
Contact Name:	BRYAN ROBINSON
Contact Address:	1035 BETHEL DRIVE
Contact City,State,Zip:	EUGENE, OR 97402
Contact Telephone:	541-341-5528
Contact Fax:	Not reported
Contact Email:	BKROBINS@UP.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1035 BETHEL DRIVE

UNION PACIFIC RR FIFE (Continued) **1001490893**

Mailing City,State,Zip:	EUGENE, OR 97402
Owner Name:	UNION PACIFIC RAILROAD
Owner Type:	Private
Operator Name:	ROBINSON, BRYAN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-26 16:43:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

UNION PACIFIC RR FIFE (Continued) **1001490893**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: UNION PACIFIC RAILROAD - ROBINSON, BRYAN
Legal Status: Private
Date Became Current: 2018-03-30 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1035 BETHEL DRIVE
Owner/Operator City,State,Zip: EUGENE, OR 97402
Owner/Operator Telephone: 541-341-5528
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNION PACIFIC RR FIFE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3330 20TH ST E
Owner/Operator City,State,Zip: FIFE, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

UNION PACIFIC RR FIFE (Continued) **1001490893**

Owner/Operator Name:	BLANCHARD, DEBRA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-2235
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBINSON, BRYAN
Legal Status:	Private
Date Became Current:	2019-02-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1035 BETHEL DRIVE
Owner/Operator City,State,Zip:	EUGENE, OR 97402
Owner/Operator Telephone:	541-341-5528
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3330 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1715
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	2018-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1400 DOUGLAS ST
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-544-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

UNION PACIFIC RR FIFE (Continued) **1001490893**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BLANCHARD, DEBRA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-2235
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	2018-03-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1400 DOUGLAS ST
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-544-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	1997-02-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179

UNION PACIFIC RR FIFE (Continued) **1001490893**

Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNION PACIFIC RAILROAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1416 DODGE ST RM 930
Owner/Operator City,State,Zip:	OMAHA, NE 68179-0001
Owner/Operator Telephone:	402-271-6571
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNION PACIFIC RR FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3330 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-04-06 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-04-07 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-04-06 00:00:00.0

UNION PACIFIC RR FIFE (Continued) **1001490893**

Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-13 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-13 00:00:00.0
Handler Name:	UNION PACIFIC RR FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code:	488210
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

SPILLS:

Name:	FIFE RAILYARD

UNION PACIFIC RR FIFE (Continued) **1001490893**

Address:	3330 20TH STREET E
City,State,Zip:	FIFE, WA
Facility ID:	644172
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	15
Material Units:	GALLON
Date Received:	09/26/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

K43 **UNION PACIFIC RAIL YARD** **WA SPILLS** **1000838366**
SSW **3330 20TH ST** **WA MANIFEST** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.191 mi.
1011 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
20 ft.

SPILLS:

Name:	PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA
Facility ID:	105052
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/27/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23819
Longitude:	-122.38489
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Pacific Railroad Rail Collision, Fife 3-27-2019
Cause Type:	Not reported
Resp Party Name:	Pacific Railroad

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	107911

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Medium:	Other
Material Desc:	Z-OTHER
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/21/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Union Pacific Railway
Cause:	UNP Derailment and 6 Grease Spill Incident
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAIL YARD
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA
Facility ID:	108191
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	0
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	09/12/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23819
Longitude:	-122.38489
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Kendra Wilson
Cause:	UP yard derailment with no release
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108872
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Unknown
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	11/06/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Ariel Glover
Cause:	Union Pacific Three Car Rail Derailment Fife 11-8-2019
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109183
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/07/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Konner Tourek
Cause:	Union Pacific Derailment - Fife Railyard - 12-07-2019
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	UNION PACIFIC
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109198
Medium:	Other
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/10/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Fife Union Pacific Train Accident
Cause Type:	Not reported

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Resp Party Name:	Not reported

Name:	UNION PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA 98424
Facility ID:	109327
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/17/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Union Pacific Yard Locomotive Oil Spill
Cause Type:	Not reported
Resp Party Name:	Union Pacific Railroad

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	110127
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/11/2020
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Union Pacific Lumber Car Upright Derailment
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	110127
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	02/11/2020
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA 98424
Facility ID:	109327
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/17/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific Railroad

Name:	UNION PACIFIC
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109198
Medium:	Other
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/10/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	109183
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/07/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23821
Longitude:	-122.38502
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108872
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Unknown
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	11/06/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	Not reported

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	108872
Medium:	Railroad Track Bed
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Unknown
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	11/06/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.239
Longitude:	-122.38469
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Union Pacific

Name:	PACIFIC RAIL YARD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA
Facility ID:	105052
Medium:	Railroad Yard
Material Desc:	Z-OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/27/2019
Incident Category Type:	Non Oil
Incident Category:	Train Accident-Non-Oil
Latitude:	47.23819
Longitude:	-122.38489
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Pacific Railroad

Name:	UNION PACIFIC
Address:	3330 20TH STREET EAST
City,State,Zip:	FIFE, WA
Facility ID:	630026
Medium:	OTHER
Material Desc:	NONFLAMMABLE GAS
Material Qty:	1
Material Units:	UNKNOWN
Date Received:	10/27/2011
Contact Name:	ANDERSON

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC RAILROAD
Address:	3330 20TH ST
City,State,Zip:	FIFE, WA
Facility ID:	545511
Medium:	Not reported
Material Desc:	PETROLEUM - MOTOR OIL
Material Qty:	50
Material Units:	GALLON
Date Received:	12/30/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	UNION PACIFIC RR FIFE
Address:	3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	28881
EPA ID:	WAD988511390
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,D008,D011,D035
Form Comm:	One time shipment, Other - Waste Paint, UN1263, Waste Paint, 3, PGII, Waste Profile CH1540698, Form code: W801, Source code: G11, Method Code: H040, Manifest: 009063586FLE, Disposer EPA ID: NED981723513
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	STOP 1030
Tax Reg #:	601873047
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1035 Bethel Drive
Mailing City,State,Zip:	Eugene, OR 97402
Legal Organization Name:	Union Pacific Railroad
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1400 Douglas St
Legal Address 2:	STOP 1030
Legal City,State,Zip:	OMAHA, NE 68179
Legal Phone Number:	(402)5445000
Legal Effective Date:	03/30/2018
Land Organization Name:	Union Pacific Railroad
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1400 Douglas St
Land City,State,Zip:	OMAHA, NE 68179
Land Phone Number:	(402)5445000
Operator Organization Name:	Union Pacific Railroad - Robinson, Bryan
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1035 Bethel Drive
Operator Address 2:	Not reported
Operator City,State,Zip:	Eugene, OR 97402
Operator Phone Number:	(541)341-5528
Operator Effective Date:	03/30/2018
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

UNION PACIFIC RAIL YARD (Continued) **1000838366**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

---

44 SE 1/8-1/4 0.196 mi. 1037 ft. | **GERBER COLLISION & GLASS**
3701 20TH ST SE
FIFE, WA 98424 | **WA ALLSITES**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST | **1001969749**
WAH000011130

Relative: Lower
Actual: 17 ft.

ALLSITES:

Name:	GERBER COLLISION & GLASS FIFE
Facility Id:	96399117

RCRA Listings:

Date Form Received by Agency:	2007-01-19 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Handler Address:	3701 20TH ST SE
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000011130
Contact Name:	CHAD HAVERLOCK
Contact Address:	3701 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-377-9851
Contact Fax:	Not reported
Contact Email:	CHAVERLO@GERBERCOLLISION.COM
Contact Title:	GENERAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	AWC SERVICE COLLISION CENTER
Owner Type:	Private
Operator Name:	GERBER COLLISION GLASS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:13:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D005
Waste Description: BARIUM

GERBER COLLISION & GLASS (Continued) **1001969749**

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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GERBER COLLISION & GLASS (Continued) **1001969749**

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Legal Status:	Private
Date Became Current:	2000-03-23 00:00:00.
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GERBER COLLISION & GLASS (Continued) **1001969749**

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Owner/Operator Name:	AWC SERVICE COLLISION CENTER
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Owner/Operator Telephone Ext:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
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Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private

GERBER COLLISION & GLASS (Continued) **1001969749**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	2001-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AWC SERVICE COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-0540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERBER COLLISION GLASS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-1700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-18 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-19 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-23 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-22 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-03 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-15 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

GERBER COLLISION & GLASS (Continued) **1001969749**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-18 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AWC COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	GERBER COLLISION & GLASS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0

GERBER COLLISION & GLASS (Continued) **1001969749**

Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

GERBER COLLISION & GLASS (Continued) **1001969749**

Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

GERBER COLLISION & GLASS (Continued) **1001969749**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-09-28 00:00:00.0
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-09-28 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

GERBER COLLISION & GLASS (Continued) **1001969749**

Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-10-23 00:00:00.0
Actual Return to Compliance Date:	2004-04-05 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-10-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

GERBER COLLISION & GLASS (Continued) **1001969749**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	NW
Actual Return to Compliance Date:	2002-01-04 00:00:00.0
Scheduled Compliance Date:	2001-10-30 00:00:00.0

GERBER COLLISION & GLASS (Continued) **1001969749**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-10-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-04-05 00:00:00.0
Scheduled Compliance Date:	2002-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005397301

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969749
Registry ID:	110005397301
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005397301
Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96399117
EPA ID:	WAH000011130

GERBER COLLISION & GLASS (Continued) **1001969749**

NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003 F005 D001 D005
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602149199
Business Type:	Collision Repair
Mail Name:	Gerber Collision & Glass
Mailing Address:	3701 20th St E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	AWC Service Collision Center
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3701 20th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-0540
Legal Effective Date:	10/01/2001
Land Organization Name:	Gerber Collision & Glass
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3701 20th St E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)896-1700
Operator Organization Name:	Gerber Collision & Glass
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3701 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-1700
Operator Effective Date:	03/23/2000
Site Contact:	Chad Haverlock
Site Contact Address:	3701 20th St E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)377-9854
Site Contact Email:	chaverlo@gerbercollision.com
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE

GERBER COLLISION & GLASS (Continued) **1001969749**

One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	GERBER COLLISION & GLASS
Address:	3701 20TH ST SE
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	96399117
EPA ID:	WAH000011130
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003 F005 D001 D005
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602149199
Business Type:	Collision Repair
Mail Name:	Gerber Collision & Glass
Mailing Address:	3701 20th St E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	AWC Service Collision Center
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3701 20th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-0540
Legal Effective Date:	10/01/2001
Land Organization Name:	Gerber Collision & Glass

GERBER COLLISION & GLASS (Continued) **1001969749**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3701 20th St E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)896-1700
Operator Organization Name:	Gerber Collision & Glass
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3701 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-1700
Operator Effective Date:	03/23/2000
Site Contact:	Chad Haverlock
Site Contact Address:	3701 20th St E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)377-9854
Site Contact Email:	chaverlock@gerbercollision.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	Yes
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

L45 **SIERRA SANDBLASTING LLC** **WA VCP** **S124434455**
North **3402 12TH ST E** **N/A**
1/8-1/4 **TACOMA, WA 98424**
0.207 mi.
1093 ft. **Site 1 of 6 in cluster L**

Relative:
Lower

Actual:
15 ft.

VCP:

Name:	SIERRA SANDBLASTING LLC
Address:	3402 12TH ST E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	44654631
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	2642

SIERRA SANDBLASTING LLC (Continued) **S124434455**

Contaminant Name: Metals Priority Pollutants
Soil: Remediated

L46 North 1/8-1/4 0.207 mi. 1093 ft. **SIERRA SANDBLASTING LLC**
3402 12TH ST E
TACOMA, WA 98424

WA CSCSL **1000368705**
WA ALLSITES **WAD078199981**
RCRA NonGen / NLR

Site 2 of 6 in cluster L

Relative: Lower

Actual: 15 ft.

CSCSL:

Name:	SIERRA SANDBLASTING LLC
Address:	3402 12TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	44654631
Region:	Southwest
Lat/Long:	47.24593 / -122.38262
Clean Up Siteid:	2642
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	SIERRA SANDBLASTING PAINTING LLC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SIERRA SANDBLASTING LLC
Facility Id:	44654631

RCRA Listings:

Date Form Received by Agency:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Handler Address:	3402 12TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD078199981
Contact Name:	BETTY HENNION
Contact Address:	3402 12TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-1196
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA

SIERRA SANDBLASTING LLC (Continued) **1000368705**

State District:	SWRO
Mailing Address:	3402 12TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	SIERRA SANDBLASTING LLC
Owner Type:	Private
Operator Name:	SIMPSON SIERRA SANDBLASTING
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:07:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING LLC

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	2000-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1128
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HARRIS, CLAYTON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3318 96TH SE
Owner/Operator City,State,Zip:	TACOMA, WA 98446
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIERRA SANDBLASTING PAINTING LLC
Legal Status:	Private
Date Became Current:	1999-12-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIERRA SANDBLASTING LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEPPERT, MARY E
Legal Status:	Private
Date Became Current:	1992-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2001
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-1196
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIMPSON SIERRA SANDBLASTING
Legal Status:	Private

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUNIPER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 171
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	360-871-4471
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-10-29 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-05-30 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-22 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-24 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-12-29 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-17 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-28 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-27 00:00:00.0
Handler Name:	SIERRA SANDBLASTING LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-24 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-05-31 00:00:00.0
Actual Return to Compliance Date:	2004-01-26 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-07-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2001-05-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-28 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-08-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-07-16 00:00:00.0
Actual Return to Compliance Date:	1992-08-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-02-29 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-13 00:00:00.0
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-02-10 00:00:00.0
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	1992-02-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-05-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-01-26 00:00:00.0
Evaluation Responsible Agency:	State

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-05-31 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-01-26 00:00:00.0
Scheduled Compliance Date:	2001-07-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	1992-02-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-08-16 00:00:00.0

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-08-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SIERRA SANDBLASTING LLC (Continued) **1000368705**

Evaluation Date:	1992-02-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-02-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-07-04 00:00:00.0
Scheduled Compliance Date:	1992-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1991-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-02-13 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

L47 **WESCRAFT RV & TRUCK FIFE** **RCRA-VSQG** **1014927983**
North **3402 12TH ST E** **WAH000034144**
1/8-1/4 **FIFE, WA 98424**
0.207 mi.
1093 ft. **Site 3 of 6 in cluster L**

Relative:
Lower

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2019-01-10 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Handler Address:	3402 12TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000034144
Contact Name:	RANDY GEHRKE
Contact Address:	3402 12TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-926-3443
Contact Fax:	Not reported
Contact Email:	WESCRAFT@INTEGRITY.COM

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Contact Title:	GENERAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	3402 12TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	WESCRAFT RV TRUCK
Owner Type:	Private
Operator Name:	WESCRAFT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 20:10:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCOTT, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT INVESTMENTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WESCRAFT RV TRUCK
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WESCRAFT
Legal Status:	Private
Date Became Current:	2006-01-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3402 12TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-12-23 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-02 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Receive Date:	2015-01-09 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-09 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-16 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-20 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-28 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-01-10 00:00:00.0
Handler Name:	WESCRAFT RV & TRUCK FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2014-12-10 00:00:00.0
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2012-11-02 00:00:00.0
Actual Return to Compliance Date: 2013-03-02 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2013-03-15 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-11-20 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2012-11-02 00:00:00.0
Actual Return to Compliance Date: 2013-04-08 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2013-03-15 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-11-20 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2012-11-02 00:00:00.0
Actual Return to Compliance Date: 2013-03-02 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2013-03-15 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-11-20 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2014-12-10 00:00:00.0
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 2012-11-02 00:00:00.0
Actual Return to Compliance Date: 2013-03-02 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2013-03-15 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-11-20 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2012-11-02 00:00:00.0
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-11-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-21 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-04-08 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-11-02 00:00:00.0

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-12-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-06 00:00:00.0
Scheduled Compliance Date:	2015-03-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW

WESCRAFT RV & TRUCK FIFE (Continued) **1014927983**

Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-02 00:00:00.0
Scheduled Compliance Date:	2013-03-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

L48 North 1/8-1/4 0.207 mi. 1093 ft. | **WESCRAFT RV & TRUCK FIFE**
3402 12TH ST E
FIFE, WA 98424

Site 4 of 6 in cluster L

WA ALLSITES **S109555573**
WA MANIFEST **N/A**

Relative: Lower
Actual: 15 ft.

ALLSITES:

Name:	WESTCRAFT RV & TRUCK FIFE
Facility Id:	7208876

WA MANIFEST:

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D018,D039,D040,F005,F003,D035
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D001,D018,D035,D039,D040,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

NAICS:	336612
State Waste Code Desc:	WT02,WP02,WSC2
Federal Waste Code Desc:	D001,D007,F005,D018
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	WT02,WP02,WSC2
Federal Waste Code Desc:	D001,D018,D039,D040,F005,F003,D035
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D018,D039,D040,F005,F003,D035
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Name:	WESCRAFT RV & TRUCK FIFE
Address:	3402 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	7208876
EPA ID:	WAH000034144
NAICS:	336612
State Waste Code Desc:	X007 OR
Federal Waste Code Desc:	D001, D018, D039, D040, F005, F003, D035
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate
Off-Specification:	Lamps - Generate, Industrial Furnace
LN Address 2:	Not reported
Tax Reg #:	601728803
Business Type:	Body Shop
Mail Name:	Wescraft RV & Truck
Mailing Address:	3402 12th St E
Mailing City,State,Zip:	Fife, WA 98424
Legal Organization Name:	Wescraft RV & Truck
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3402 12th St E
Legal Address 2:	Not reported
Legal City,State,Zip:	Fife, WA 98424
Legal Phone Number:	(253)926-3443
Legal Effective Date:	01/11/2006
Land Organization Name:	Wescraft Investments LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3402 12th St E
Land City,State,Zip:	Fife, WA 98424
Land Phone Number:	(253)926-3443
Operator Organization Name:	Wescraft
Operator Organization Type:	Private
Operator:	Rick Wescott
Operator Address:	3402 12th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	(253)926-3443
Operator Effective Date:	01/11/2006
Site Contact:	Randy L Gehrke
Site Contact Address:	3402 12th St E

WESCRAFT RV & TRUCK FIFE (Continued) **S109555573**

Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)926-3443
Site Contact Email:	wescraft@integrity.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

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49 **JET AUTO WRECKING** **WA ALLSITES** **S104971969**
ENE **3901 PACIFIC HWY E** **WA CSCSL NFA** **N/A**
1/8-1/4 **FIFE, WA 98424**
0.209 mi.
1105 ft.

Relative:
Lower

Actual:
16 ft.

ALLSITES:

Name:	JET AUTO WRECKING
Facility Id:	18020

CSCSL NFA:

Name:	JET AUTO WRECKING
Address:	3901 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	18020
CS Id:	2004
NFA Date:	01/28/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24295
Longitude:	-122.37698

Name:	JET AUTO WRECKING
Address:	3901 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	18020
CS Id:	2004

JET AUTO WRECKING (Continued) **S104971969**

NFA Date:	01/28/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24295
Longitude:	-122.37698

I50 WNW 1/8-1/4 0.216 mi. 1143 ft. **SAMS TIRE SERVICE INC** **WA UST** **1007078670**
3110 PACIFIC HWY **WA ALLSITES** **N/A**
TACOMA, WA 98424 **FINDS**

Site 3 of 3 in cluster I

Relative: Lower

Actual: 17 ft.

UST:

Name:	SAMS TIRE SERVICE INC
Address:	3110 PACIFIC HIGHWAY
City:	TACOMA
Zip:	98424
Facility ID:	3799146
Site Id:	100054
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242721
Decimal Longitude:	-122.388833
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

SAMS TIRE SERVICE INC (Continued) **1007078670**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SAMS TIRE SERVICE INC
Facility Id: 3799146

FINDS:
Registry ID: 110015553612

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

51
East
1/8-1/4
0.225 mi.
1187 ft.

LEXUS OF FIFE PARKING LOT EXPANSION **WA ALLSITES** **S118820827**
3914 PACIFIC HWY E **N/A**
FIFE, WA 98424

Relative:
Lower

Actual:
16 ft.

ALLSITES:
Name: LEXUS OF FIFE PARKING LOT EXPANSION
Facility Id: 11803

L52
North
1/8-1/4
0.232 mi.
1223 ft.

DIESING PROPERTY PARCEL B **WA VCP** **S124434186**
3518 12TH ST E **N/A**
FIFE, WA 98424

Site 5 of 6 in cluster L

Relative:
Lower

Actual:
15 ft.

VCP:
Name: DIESING PROPERTY PARCEL B
Address: 3518 12TH ST E
City,State,Zip: FIFE, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 38554597
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-10-11
Rank: Not reported
Cleanup Siteid: 1674
Contaminant Name: Metals Priority Pollutants
Soil: Remediated-Below

L53 North 1/8-1/4 0.232 mi. 1223 ft. | **DIESING PROPERTY PARCEL B**
3518 12TH ST E
FIFE, WA 98424

WA ALLSITES **S104971960**
WA CSCSL NFA **N/A**

Site 6 of 6 in cluster L

Relative: Lower
Actual: 15 ft.

ALLSITES:

Name:	DIESING PROPERTY PARCEL B
Facility Id:	38554597

CSCSL NFA:

Name:	DIESING PROPERTY PARCEL B
Address:	3518 12TH ST E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	38554597
CS Id:	1674
NFA Date:	10/11/2016
Alternate Site Names:	CHARLES DIESING PROPERTY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.245580068
Longitude:	-122.38177202

M54 SE 1/8-1/4 0.240 mi. 1265 ft. | **CAPPA PROPERTY**
3801 20TH ST E
FIFE, WA 98424

WA VCP **S124432866**
N/A

Site 1 of 2 in cluster M

Relative: Lower
Actual: 17 ft.

VCP:

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17456541
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4530
Contaminant Name:	Arsenic
Soil:	Confirmed Above Cleanup Levels

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424

CAPPA PROPERTY (Continued) **S124432866**

edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17456541
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4530
Contaminant Name:	Metals Priority Pollutants
Soil:	Remediated

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17456541
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	4530
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

M55 **BREMERTON TACOMA STAGES INC** **WA CSCSL** **1007073059**
SE **3801 20TH AVE E** **WA UST** **N/A**
1/8-1/4 **FIFE, WA 98424** **WA ALLSITES**
0.240 mi. **FINDS**
1265 ft. **Site 2 of 2 in cluster M**

Relative:
Lower

Actual:
17 ft.

CSCSL:

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	17456541
Region:	Southwest
Lat/Long:	47.23871 / -122.37707
Clean Up Siteid:	4530
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	17456541
Region:	Southwest
Lat/Long:	47.23871 / -122.37707
Clean Up Siteid:	4530
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAPPA PROPERTY
Address:	3801 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	17456541
Region:	Southwest
Lat/Long:	47.23871 / -122.37707
Clean Up Siteid:	4530
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	EVERGREEN TRAILS DBA CASCADE TRAILW
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	BREMERTON TACOMA STAGES INC
Address:	3801 20TH AVE E
City:	FIFE
Zip:	98424
Facility ID:	29574255
Site Id:	8286
UBI:	Not reported
Phone Number:	Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Decimal Latitude:	47.238701
Decimal Longitude:	-122.378853

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1985
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BREMERTON TACOMA STAGES INC
Address:	3801 20TH AVE E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

BREMERTON TACOMA STAGES INC (Continued) **1007073059**

Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: BREMERTON TACOMA STAGES INC
Facility Id: 29574255

Name: CAPPA PROPERTY
Facility Id: 17456541

FINDS:
Registry ID: 110015496907

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

56
SW
1/8-1/4
0.242 mi.
1277 ft.

PORT OF TACOMA RD I5 ON RAMP
PORT OF TACOMA RD & 20TH ST E
FIFE, WA 98424

WA CSCSL **S121970351**
WA ALLSITES **N/A**

Relative:
Higher

Actual:
20 ft.

CSCSL:
Name: PORT OF TACOMA RD, 1-5 ON RAMP
Address: PORT OF TACOMA RD & 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 553914
Region: Southwest
Lat/Long: 47.239175 / -122.385962
Clean Up Siteid: 14414
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORT OF TACOMA RD, 1-5 ON RAMP

PORT OF TACOMA RD I5 ON RAMP (Continued) **S121970351**

Address:	PORT OF TACOMA RD & 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	553914
Region:	Southwest
Lat/Long:	47.239175 / -122.385962
Clean Up Siteid:	14414
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORT OF TACOMA RD, 1-5 ON RAMP
Address:	PORT OF TACOMA RD & 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	553914
Region:	Southwest
Lat/Long:	47.239175 / -122.385962
Clean Up Siteid:	14414
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Port of Tacoma Rd I5 on Ramp,Port of Tacoma Rd,1-5 on Ramp
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	PORT OF TACOMA RD I5 ON RAMP
Facility Id:	553914

N57 SSE 1/8-1/4 0.246 mi. 1299 ft. **COGDALL CONSTRUCTION DBA CONTRACT FURNIS** **RCRA NonGen / NLR** **1016977757**
3600 E INDUSTRY DR EAST **WAH000047065**
FIFE, WA 98424

Site 1 of 3 in cluster N

Relative: Lower
Actual: 17 ft.

RCRA Listings:

Date Form Received by Agency:	2015-01-31 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Handler Address:	3600 E INDUSTRY DR EAST

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000047065
Contact Name:	TIM BECHTOLD
Contact Address:	14160 SW 72ND AVE
Contact City,State,Zip:	TIGARD, OR 97224
Contact Telephone:	503-542-8901
Contact Fax:	Not reported
Contact Email:	TIM.BECHTOLD@CFMFLOORS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	14160 SW 72ND AVE
Mailing City,State,Zip:	TIGARD, WA 97224
Owner Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Owner Type:	Private
Operator Name:	CONTRACT FURNISHINGS MART
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 13:27:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	1981-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONTRACT FURNISHINGS MART
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	1981-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONTRACT FURNISHINGS MART
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Legal Status:	Private
Date Became Current:	1981-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROLOGIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12720 GATEWAY DR STE 110
Owner/Operator City,State,Zip:	TUKWILA, WA 98168
Owner/Operator Telephone:	206-414-7615
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONTRACT FURNISHINGS MART
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14160 SW 72ND AVE
Owner/Operator City,State,Zip:	TIGARD, OR 97224
Owner/Operator Telephone:	503-542-8901
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-01-30 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-31 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-06-17 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-30 00:00:00.0
Handler Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	424990
NAICS Description:	OTHER MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **1016977757**

No Evaluations Found:

N58 SSE 1/8-1/4 0.246 mi. 1299 ft. | **COGDALL CONSTRUCTION DBA CONTRACT FURNIS** | **WA ALLSITES** **S116753698**
3600 E INDUSTRY DR EAST | **WA MANIFEST** **N/A**
FIFE, WA 98424

Site 2 of 3 in cluster N

Relative: Lower
Actual: 17 ft.

ALLSITES:

Name:	COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Facility Id:	6656

WA MANIFEST:

Name:		COGDALL CONSTRUCTION DBA CONTRACT FURNIS
Address:		3600 E INDUSTRY DR EAST
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		6656
EPA ID:		WAH000047065
NAICS:		424990
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600567820
Business Type:		Floorcovering sales
Mail Name:		Contract Furnishings Mart
Mailing Address:		14160 SW 72nd Ave
Mailing City,State,Zip:		Tigard, OR 97224
Legal Organization Name:		Cogdall Construction dba Contract Furnis
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		14160 SW 72nd Ave
Legal Address 2:		Not reported
Legal City,State,Zip:		Tigard, OR 97224
Legal Phone Number:		503-542-8901
Legal Effective Date:		01/01/1981
Land Organization Name:		Prologis
Land Organization Type:		Private

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **S116753698**

Land Contact:	Not reported
Land Address:	12720 Gateway Dr Ste 110
Land City,State,Zip:	Tukwila, WA 98168
Land Phone Number:	206-414-7615
Operator Organization Name:	Contract Furnishings Mart
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	14160 SW 72nd Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tigard, OR 97224
Operator Phone Number:	503-542-8901
Operator Effective Date:	01/01/1997
Site Contact:	Lynne Hill
Site Contact Address:	3600 E Industry Dr East
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	888-661-1250
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Spilled battery acid.
CORb Sequence Number:	147687
Sequence Number:	3302920
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	0.22
Quanity Unit:	ST
Kilograms Quanity:	199.584003
Density Number:	0
Density Quanity:	Not reported

COGDALL CONSTRUCTION DBA CONTRACT FURNIS (Continued) **S116753698**

Shipments Send:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	1790226
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	012247039JJK
Reported Quanity:	0.22
Unit of Measure:	ST
Kilograms Quanity:	199.584003
Receiving EPAID:	ORD089452353

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	834361
Received EPAID:	ORD089452353
Managed Quanity:	0.22
Kilogram Quanity:	199.584003
Recycled Percentage:	0
Waste Management System Code:	H121

Waste Stream EPA Code:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	7411954
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	147687
Waste Sequence Number:	3302920
Sequence Number:	1
WCDD Code:	G32

N59 **FEDERAL EXPRESS CORP TACOMA** **WA ALLSITES** **1000214209**
SSE **3600 INDUSTRY DR E** **RCRA NonGen / NLR** **WAD988474748**
1/8-1/4 **TACOMA, WA 98424** **FINDS**
0.246 mi. **ECHO**
1299 ft. **Site 3 of 3 in cluster N**

Relative:
Lower

Actual:
17 ft.

ALLSITES:

Name:	FEDERAL EXPRESS CORP TACOMA
Facility Id:	88389433

RCRA Listings:

Date Form Received by Agency:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Handler Address:	3600 INDUSTRY DR E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988474748
Contact Name:	FEDERAL EXPRESS FEDERAL EXPRESS
Contact Address:	3600 INDUSTRY DR E
Contact City,State,Zip:	TACOMA, WA 98424-1806
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3600 INDUSTRY DR E
Mailing City,State,Zip:	TACOMA, WA 98424-1806
Owner Name:	FEDERAL EXPRESS F
Owner Type:	Private
Operator Name:	FEDERAL EXPRESS F
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDERAL EXPRESS F
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600A INDUSTRY DR.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS CORP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS F
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1806
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FEDERAL EXPRESS CORP TACOMA
Legal Status:	Private

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600 INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDERAL EXPRESS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3600A INDUSTRY DR.
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	FEDERAL EXPRESS CORP TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violation:

No Violations Found:

FEDERAL EXPRESS CORP TACOMA (Continued) **1000214209**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005353857

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000214209
Registry ID:	110005353857
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005353857
Name:	FEDERAL EXPRESS CORP TACOMA
Address:	3600 INDUSTRY DR E
City,State,Zip:	TACOMA, WA 98424

60
NNE
1/4-1/2
0.254 mi.
1342 ft.

Relative:
Lower

Actual:
14 ft.

PROGRESS RAIL SERVICES
4012 SR 509 S FRONTAGE RD
TACOMA, WA 98421

RCRA-SQG **1000105883**
WA ALLSITES **WAD060033024**
WA CSCSL NFA
FINDS
ECHO
WA MANIFEST
WA NPDES

RCRA Listings:

Date Form Received by Agency:	2019-03-04 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Handler Address:	4012 SR 509 S FRONTAGE RD
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD060033024
Contact Name:	TANYA GIROUARD
Contact Address:	PO BOX 1037
Contact City,State,Zip:	ALBERTVILLE, AL 35950
Contact Telephone:	801-510-3952
Contact Fax:	Not reported
Contact Email:	TGIROUARD@PROGRESSRAIL.COM
Contact Title:	REGIONAL ENVIRONMENTAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA

PROGRESS RAIL SERVICES (Continued) **1000105883**

State District:	SWRO
Mailing Address:	PO BOX 1037
Mailing City,State,Zip:	ALBERTVILLE, AL 35950
Owner Name:	PROGRESS RAIL SERVICES
Owner Type:	Private
Operator Name:	PROGRESS RAIL SERVICES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA PORT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1837
Owner/Operator City,State,Zip: TACOMA, WA 98401
Owner/Operator Telephone: 253-383-5841
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COAST ENGINE EQUIPMENT CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 E WEST RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3537
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE & EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1837
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private

PROGRESS RAIL SERVICES (Continued) **1000105883**

Date Became Current:	1996-08-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S FRONTAGE RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COAST ENGINE EQUIPMENT CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4012 SR 509 S. FRONTAGE RD.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-922-5955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PROGRESS RAIL SERVICES
Legal Status:	Private
Date Became Current:	2009-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1037
Owner/Operator City,State,Zip:	ALBERTVILLE, AL 35950
Owner/Operator Telephone:	256-505-6055
Owner/Operator Telephone Ext:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-05 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-27 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-14 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-11 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-16 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator

PROGRESS RAIL SERVICES (Continued) **1000105883**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-09-26 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-28 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-13 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-04 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-11-23 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-08 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-11 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-19 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-20 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-22 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PROGRESS RAIL SERVICES (Continued) **1000105883**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-03-04 00:00:00.0
Handler Name:	PROGRESS RAIL SERVICES
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIP CO A DIV
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	COAST ENGINE AND EQUIPMENT, CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-03 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP

PROGRESS RAIL SERVICES (Continued) **1000105883**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	COAST ENGINE & EQUIPMENT CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333913
NAICS Description:	MEASURING AND DISPENSING PUMP MANUFACTURING

NAICS Code:	333914
NAICS Description:	MEASURING, DISPENSING, AND OTHER PUMPING EQUIPMENT MANUFACTURING

PROGRESS RAIL SERVICES (Continued) **1000105883**

NAICS Code: 488210
NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-12-01 00:00:00.0
Actual Return to Compliance Date: 1995-12-01 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	2002-01-08 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-11-16 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-07-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-01-26 00:00:00.0
Actual Return to Compliance Date: 2009-05-26 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2009-03-02 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2009-01-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-06-13 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2006-09-18 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-08-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJMC
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-12-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-01-10 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2006-11-16 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-09-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-05-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2015-03-10 00:00:00.0
Actual Return to Compliance Date: 2015-03-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2015-06-22 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-01-26 00:00:00.0
Actual Return to Compliance Date: 2009-05-26 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2009-03-02 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2009-01-28 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-10-18 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-06-13 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-05-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADRW
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2008-11-18 00:00:00.0
Actual Return to Compliance Date: 2009-09-30 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2009-05-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2012-04-17 00:00:00.0
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2012-05-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALVP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2012-04-17 00:00:00.0
Actual Return to Compliance Date: 2012-06-15 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2012-06-17 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-05-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALVP
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2006-07-26 00:00:00.0
Actual Return to Compliance Date: 2006-12-11 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2006-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-18 00:00:00.0
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-05-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2015-03-10 00:00:00.0
Actual Return to Compliance Date:	2015-07-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-06-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WARMK
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2006-07-26 00:00:00.0
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-07-18 00:00:00.0
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-09-20 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0
Scheduled Compliance Date:	2009-03-02 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-06-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-09-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW

PROGRESS RAIL SERVICES (Continued) **1000105883**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-01-28 00:00:00.0
Evaluation Responsible Agency:	State

PROGRESS RAIL SERVICES (Continued) **1000105883**

Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALVP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-06-15 00:00:00.0
Scheduled Compliance Date:	2012-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-12-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-05-26 00:00:00.0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-10-18 00:00:00.0
Scheduled Compliance Date:	2007-01-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-03-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-07-15 00:00:00.0
Scheduled Compliance Date:	2015-07-21 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-07 00:00:00.0
Scheduled Compliance Date:	2006-12-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	COAST ENGINE & EQUIPMENT CORP
Facility Id:	26693246

CSCSL NFA:

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267

PROGRESS RAIL SERVICES (Continued) **1000105883**

NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	26693246
CS Id:	4267
NFA Date:	09/16/2016
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.246361863
Longitude:	-122.37498158

FINDS:
Registry ID: 110000828070

PROGRESS RAIL SERVICES (Continued) **1000105883**

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000105883
Registry ID:	110000828070
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000828070
Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	PROGRESS RAIL SERVICES

PROGRESS RAIL SERVICES (Continued) **1000105883**

Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	165259
Sequence Number:	3495176
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	940
Quanity Unit:	LB
Kilograms Quanity:	426.384007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Exhaust Filters & Solvent Soaked Rags
CORb Sequence Number:	165259
Sequence Number:	3495180
Mixed Radioactive Flag:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	2136799
Shipment Date:	2017-02-07 00:00:00
Mainfest Document ID:	009994040FLE
Reported Quanity:	240
Unit of Measure:	LB
Kilograms Quanity:	108.864001
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495176
Sequence Number:	2136800
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152334FLE
Reported Quanity:	700
Unit of Measure:	LB
Kilograms Quanity:	317.520005
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3495180
Sequence Number:	2136804
Shipment Date:	2017-02-09 00:00:00
Mainfest Document ID:	009063464FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136805
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	010620036FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3495180
Sequence Number:	2136806
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152336FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165259

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 3495176
Sequence Number: 971901
Received EPAID: WAD981769110
Managed Quanity: 940
Kilogram Quanity: 426.384007
Recycled Percentage: 65
Waste Management System Code: H020

Waste Sequence Number: 3495180
Sequence Number: 971905
Received EPAID: NED981723513
Managed Quanity: 1300
Kilogram Quanity: 589.680010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 8463346
WCDA Code: D001

Waste Sequence Number: 3495176
Sequence Number: 8463347
WCDA Code: F003

Waste Sequence Number: 3495176
Sequence Number: 8463348
WCDA Code: F005

Waste Sequence Number: 3495180
Sequence Number: 8463449
WCDA Code: D001

Waste Sequence Number: 3495180
Sequence Number: 8463450
WCDA Code: F003

Waste Sequence Number: 3495180
Sequence Number: 8463451
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3495180
Sequence Number: 1
WCDD Code: G06

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421-3537

PROGRESS RAIL SERVICES (Continued) **1000105883**

Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com

PROGRESS RAIL SERVICES (Continued) **1000105883**

Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	165259
Sequence Number:	3495176
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	940
Quanity Unit:	LB
Kilograms Quanity:	426.384007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Exhaust Filters & Solvent Soaked Rags
CORb Sequence Number:	165259
Sequence Number:	3495180
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300

PROGRESS RAIL SERVICES (Continued) **1000105883**

Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	2136799
Shipment Date:	2017-02-07 00:00:00
Mainfest Document ID:	009994040FLE
Reported Quanity:	240
Unit of Measure:	LB
Kilograms Quanity:	108.864001
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3495176
Sequence Number:	2136800
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152334FLE
Reported Quanity:	700
Unit of Measure:	LB
Kilograms Quanity:	317.520005
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3495180
Sequence Number:	2136804
Shipment Date:	2017-02-09 00:00:00
Mainfest Document ID:	009063464FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3495180
Sequence Number:	2136805
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	010620036FLE
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3495180
Sequence Number:	2136806
Shipment Date:	2017-10-25 00:00:00
Mainfest Document ID:	011152336FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165259
Waste Sequence Number:	3495176
Sequence Number:	971901

PROGRESS RAIL SERVICES (Continued) **1000105883**

Received EPAID: WAD981769110
Managed Quanity: 940
Kilogram Quanity: 426.384007
Recycled Percentage: 65
Waste Management System Code: H020

Waste Sequence Number: 3495180
Sequence Number: 971905
Received EPAID: NED981723513
Managed Quanity: 1300
Kilogram Quanity: 589.680010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 8463346
WCDA Code: D001

Waste Sequence Number: 3495176
Sequence Number: 8463347
WCDA Code: F003

Waste Sequence Number: 3495176
Sequence Number: 8463348
WCDA Code: F005

Waste Sequence Number: 3495180
Sequence Number: 8463449
WCDA Code: D001

Waste Sequence Number: 3495180
Sequence Number: 8463450
WCDA Code: F003

Waste Sequence Number: 3495180
Sequence Number: 8463451
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 165259
Waste Sequence Number: 3495176
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3495180
Sequence Number: 1
WCDD Code: G06

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421-3537
Facility Address 2: Not reported
Facility ID: 26693246

PROGRESS RAIL SERVICES (Continued) **1000105883**

EPA ID:	WAD060033024
NAICS:	488210
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003,F005
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602064673
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True

PROGRESS RAIL SERVICES (Continued) **1000105883**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	155707
Sequence Number:	3401489
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	155707
Sequence Number:	3401488
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2400
Quanity Unit:	LB
Kilograms Quanity:	1088.64001

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W406
Description:	Baghouse Dust Fines
CORb Sequence Number:	155707
Sequence Number:	3401487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11300
Quanity Unit:	LB
Kilograms Quanity:	5125.68008
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155707
Waste Sequence Number:	3401488
Sequence Number:	897144
Received EPAID:	WAD981769110
Managed Quanity:	2400
Kilogram Quanity:	1088.64001
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3401487
Sequence Number:	897141
Received EPAID:	IDD073114654
Managed Quanity:	11300
Kilogram Quanity:	5125.68008
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3401489
Sequence Number:	897146
Received EPAID:	WAD981769110
Managed Quanity:	1100
Kilogram Quanity:	498.960008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3401489
Sequence Number:	897145
Received EPAID:	WAD981769110
Managed Quanity:	150
Kilogram Quanity:	68.0400011
Recycled Percentage:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Management System Code: H020

Waste Stream EPA Code:
CORB Waste Sequence Number: 155707
Waste Sequence Number: 3401489
Sequence Number: 7826399
WCDA Code: D001

Waste Sequence Number: 3401489
Sequence Number: 7826400
WCDA Code: F003

Waste Sequence Number: 3401489
Sequence Number: 7826401
WCDA Code: F005

Waste Sequence Number: 3401488
Sequence Number: 7826393
WCDA Code: D001

Waste Sequence Number: 3401488
Sequence Number: 7826394
WCDA Code: F003

Waste Sequence Number: 3401488
Sequence Number: 7826395
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 155707
Waste Sequence Number: 3401488
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3401489
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3401487
Sequence Number: 1
WCDD Code: G21

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421-3537
Facility Address 2: Not reported
Facility ID: 26693246
EPA ID: WAD060033024
NAICS: 488210
State Waste Code Desc: WT02
Federal Waste Code Desc: D001,F003,F005
Form Comm: Not reported
Data Year: 2014
Permit by Rule: False
Mailing Address 2: Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	149508
Sequence Number:	3339344
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1309.77002
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W406
Description:	Baghouse Dust Fines
CORb Sequence Number:	149508
Sequence Number:	3339284
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3200
Quanity Unit:	LB
Kilograms Quanity:	1451.52002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	149508
Sequence Number:	3339349
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	LB
Kilograms Quanity:	249.480004
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	149508
Waste Sequence Number:	3339349
Sequence Number:	1836595
Shipment Date:	2014-01-31 00:00:00
Mainfest Document ID:	007598163
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339349
Sequence Number:	1836596
Shipment Date:	2014-07-18 00:00:00
Mainfest Document ID:	006765737
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836556
Shipment Date:	2014-01-31 00:00:00
Mainfest Document ID:	007598163
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836557
Shipment Date:	2014-05-13 00:00:00
Mainfest Document ID:	007595715
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	561.330009
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3339344
Sequence Number:	1836558

PROGRESS RAIL SERVICES (Continued) **1000105883**

Shipment Date: 2014-09-07 00:00:00
Mainfest Document ID: 006765050
Reported Quanity: 165
Unit of Measure: GAL
Kilograms Quanity: 561.330009
Receiving EPAID: WAD981769110

Waste Sequence Number: 3339284
Sequence Number: 1836516
Shipment Date: 2014-10-09 00:00:00
Mainfest Document ID: 006767214
Reported Quanity: 3200
Unit of Measure: LB
Kilograms Quanity: 1451.52002
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 149508
Waste Sequence Number: 3339344
Sequence Number: 853170
Received EPAID: WAD981769110
Managed Quanity: 385
Kilogram Quanity: 1309.77002
Recycled Percentage: 50
Waste Management System Code: H020

Waste Sequence Number: 3339284
Sequence Number: 852980
Received EPAID: IDD073114654
Managed Quanity: 3200
Kilogram Quanity: 1451.52002
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339349
Sequence Number: 853198
Received EPAID: WAD981769110
Managed Quanity: 550
Kilogram Quanity: 249.480004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 149508
Comments: The baghouse dust fines waste was generated over a period of four months, and was shipped out on 10/9/14.
Waste Sequence Number: 3339284
Sequence Number: 1

Comments: Waste is managed by first recovering the solvents (approximately 50% of the waste), and then incinerating the remaining paint solids.
Waste Sequence Number: 3339344
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 149508

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 3339344
Sequence Number: 7559583
WCDA Code: D001

Waste Sequence Number: 3339344
Sequence Number: 7559584
WCDA Code: F003

Waste Sequence Number: 3339344
Sequence Number: 7559585
WCDA Code: F005

Waste Sequence Number: 3339349
Sequence Number: 7558248
WCDA Code: D001

Waste Sequence Number: 3339349
Sequence Number: 7558249
WCDA Code: F003

Waste Sequence Number: 3339349
Sequence Number: 7558250
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 149508
Waste Sequence Number: 3339284
Sequence Number: 1
WCDD Code: G21

Waste Sequence Number: 3339344
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3339349
Sequence Number: 1
WCDD Code: G06

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421-3537
Facility Address 2: Not reported
Facility ID: 26693246
EPA ID: WAD060033024
NAICS: 333913
State Waste Code Desc: WT02
Federal Waste Code Desc: D001, D035, F003, F005
Form Comm: Not reported
Data Year: 2013
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Tanya Girouard
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(801)510-3952
Site Contact Email:	tgirouard@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags and Towels Contaminated with Paints and Thinners
CORb Sequence Number:	145563
Sequence Number:	3294292
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1650
Quanity Unit:	LB
Kilograms Quanity:	748.440012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	145563
Sequence Number:	3294289
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	345
Quanity Unit:	GAL
Kilograms Quanity:	1173.69002
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	145563
Waste Sequence Number:	3294292
Sequence Number:	1753478
Shipment Date:	2013-03-19 00:00:00
Mainfest Document ID:	009640256JJI
Reported Quanity:	150
Unit of Measure:	LB
Kilograms Quanity:	68.0400011

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID:	NED981723513
Waste Sequence Number:	3294292
Sequence Number:	1753480
Shipment Date:	2013-08-05 00:00:00
Mainfest Document ID:	009640361JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	ARD069748192
Waste Sequence Number:	3294292
Sequence Number:	1753479
Shipment Date:	2013-06-05 00:00:00
Mainfest Document ID:	009640321JJK
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	TXD055141378
Waste Sequence Number:	3294292
Sequence Number:	1753477
Shipment Date:	2013-01-17 00:00:00
Mainfest Document ID:	005224151FLE
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3294289
Sequence Number:	1753472
Shipment Date:	2013-01-17 00:00:00
Mainfest Document ID:	009640216JJK
Reported Quanity:	15
Unit of Measure:	GAL
Kilograms Quanity:	51.0300008
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3294289
Sequence Number:	1753473
Shipment Date:	2013-03-15 00:00:00
Mainfest Document ID:	009640254JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3294289
Sequence Number:	1753475
Shipment Date:	2013-08-05 00:00:00
Mainfest Document ID:	009640360JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3294289

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 1753474
Shipment Date: 2013-06-05 00:00:00
Mainfest Document ID: 009640320JJK
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: NED981723513

Waste Sequence Number: 3294289
Sequence Number: 1753476
Shipment Date: 2013-10-16 00:00:00
Mainfest Document ID: 009640420JJK
Reported Quanity: 110
Unit of Measure: GAL
Kilograms Quanity: 374.220006
Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 145563
Waste Sequence Number: 3294292
Sequence Number: 823909
Received EPAID: NED981723513
Managed Quanity: 150
Kilogram Quanity: 68.0400011
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294292
Sequence Number: 823911
Received EPAID: WAD981769110
Managed Quanity: 800
Kilogram Quanity: 362.880006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3294292
Sequence Number: 823908
Received EPAID: ARD069748192
Managed Quanity: 300
Kilogram Quanity: 136.080002
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294292
Sequence Number: 823910
Received EPAID: TXD055141378
Managed Quanity: 400
Kilogram Quanity: 181.440003
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3294289
Sequence Number: 823905
Received EPAID: NED981723513
Managed Quanity: 275
Kilogram Quanity: 935.550016
Recycled Percentage: 0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Management System Code: H040

Waste Sequence Number: 3294289
Sequence Number: 823906
Received EPAID: UTD981552177
Managed Quanity: 70
Kilogram Quanity: 238.140004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream EPA Code:
CORB Waste Sequence Number: 145563
Waste Sequence Number: 3294292
Sequence Number: 7365788
WCDA Code: D001

Waste Sequence Number: 3294292
Sequence Number: 7365789
WCDA Code: D035

Waste Sequence Number: 3294292
Sequence Number: 7365790
WCDA Code: F003

Waste Sequence Number: 3294292
Sequence Number: 7365791
WCDA Code: F005

Waste Sequence Number: 3294289
Sequence Number: 7365750
WCDA Code: D001

Waste Sequence Number: 3294289
Sequence Number: 7365751
WCDA Code: D035

Waste Sequence Number: 3294289
Sequence Number: 7365752
WCDA Code: F003

Waste Sequence Number: 3294289
Sequence Number: 7365753
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 145563
Waste Sequence Number: 3294289
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3294292
Sequence Number: 1
WCDD Code: G06

Name: PROGRESS RAIL SERVICES

PROGRESS RAIL SERVICES (Continued) **1000105883**

Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D007, D009, D018, F003, F005
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Stephanie J Gregg
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Phone Number:	(310)982-0981
Site Contact Email:	sgregg@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W316
Description:	Pellets (Product # Citation CT-8500-T)
CORb Sequence Number:	137536
Sequence Number:	2670046
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	90
Quanity Unit:	LB
Kilograms Quanity:	40.8240007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	137536
Sequence Number:	2670071
Mixed Radioactive Flag:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Designation Code:	D
Reported Quanity:	381
Quanity Unit:	GAL
Kilograms Quanity:	1296.16202
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oil, diesel, antifreeze, water mixture
CORb Sequence Number:	137536
Sequence Number:	2670078
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	138
Quanity Unit:	GAL
Kilograms Quanity:	469.476008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oil, diesel, antifreeze, water mixture
CORb Sequence Number:	137536
Sequence Number:	2670085
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	219
Quanity Unit:	GAL
Kilograms Quanity:	745.038012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Engine oil sludge/soil regulated with chromium
CORb Sequence Number:	137536
Sequence Number:	2670055
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags, towels contaminated with paint and thinners
CORb Sequence Number:	137536
Sequence Number:	2670072
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	891
Quanity Unit:	LB
Kilograms Quanity:	404.157606
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Oils and antifreeze mixture
CORb Sequence Number:	137536
Sequence Number:	2670079
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	137536
Waste Sequence Number:	2670079
Sequence Number:	1381783
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	004447445FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	374.220006
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670055
Sequence Number:	1381742
Shipment Date:	2012-08-03 00:00:00
Mainfest Document ID:	004449532FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2670072
Sequence Number:	1381760
Shipment Date:	2012-10-08 00:00:00
Mainfest Document ID:	004445775FLE
Reported Quanity:	424
Unit of Measure:	LB
Kilograms Quanity:	192.326403
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670072
Sequence Number:	1381759
Shipment Date:	2012-08-03 00:00:00
Mainfest Document ID:	004449531FLE
Reported Quanity:	467
Unit of Measure:	LB
Kilograms Quanity:	211.831203
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381756
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	004449982FLE
Reported Quanity:	14
Unit of Measure:	GAL
Kilograms Quanity:	47.6280008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2670071
Sequence Number:	1381757
Shipment Date:	2012-08-03 00:00:00
Mainfest Document ID:	004449531FLE
Reported Quanity:	47
Unit of Measure:	GAL
Kilograms Quanity:	159.894002

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2670071
Sequence Number: 1381758
Shipment Date: 2012-12-05 00:00:00
Mainfest Document ID: 003455739FLE
Reported Quanity: 140
Unit of Measure: GAL
Kilograms Quanity: 476.280008
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670071
Sequence Number: 1381755
Shipment Date: 2012-05-22 00:00:00
Mainfest Document ID: 004449666FLE
Reported Quanity: 180
Unit of Measure: GAL
Kilograms Quanity: 612.360010
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670078
Sequence Number: 1381775
Shipment Date: 2012-02-03 00:00:00
Mainfest Document ID: 004447445FLE
Reported Quanity: 138
Unit of Measure: GAL
Kilograms Quanity: 469.476008
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670085
Sequence Number: 1381798
Shipment Date: 2012-02-03 00:00:00
Mainfest Document ID: 004447445FLE
Reported Quanity: 219
Unit of Measure: GAL
Kilograms Quanity: 745.038012
Receiving EPAID: WAD981769110

Waste Sequence Number: 2670046
Sequence Number: 1381679
Shipment Date: 2012-05-22 00:00:00
Mainfest Document ID: 004449667FLE
Reported Quanity: 90
Unit of Measure: LB
Kilograms Quanity: 40.8240007
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 137536
Waste Sequence Number: 2670079
Sequence Number: 669652
Received EPAID: WAD981769110
Managed Quanity: 110
Kilogram Quanity: 374.220006
Recycled Percentage: 0
Waste Management System Code: H061

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2670055
Sequence Number: 669638
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2670072
Sequence Number: 669641
Received EPAID: WAD981769110
Managed Quanity: 891
Kilogram Quanity: 404.157606
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2670071
Sequence Number: 669640
Received EPAID: WAD981769110
Managed Quanity: 381
Kilogram Quanity: 1296.16202
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670078
Sequence Number: 669647
Received EPAID: WAD981769110
Managed Quanity: 138
Kilogram Quanity: 469.476008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670085
Sequence Number: 669656
Received EPAID: WAD981769110
Managed Quanity: 219
Kilogram Quanity: 745.038012
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2670046
Sequence Number: 669616
Received EPAID: IDD073114654
Managed Quanity: 90
Kilogram Quanity: 40.8240007
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 137536
Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Antifreeze and oil mixture
Waste Sequence Number: 2670078
Sequence Number: 1

Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Antifreeze and oil mixture

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2670079
Sequence Number: 1

Comments: A-7: Flushing out of locomotive engines during rebuild process A-8: Oil, diesel, antifreeze, water mixture
Waste Sequence Number: 2670085
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670046
Sequence Number: 5941283
WCDA Code: D001

Waste Sequence Number: 2670071
Sequence Number: 5941085
WCDA Code: D001

Waste Sequence Number: 2670071
Sequence Number: 5941086
WCDA Code: F003

Waste Sequence Number: 2670071
Sequence Number: 5941087
WCDA Code: F005

Waste Sequence Number: 2670085
Sequence Number: 5941277
WCDA Code: D009

Waste Sequence Number: 2670085
Sequence Number: 5941278
WCDA Code: D018

Waste Sequence Number: 2670055
Sequence Number: 5941014
WCDA Code: D007

Waste Sequence Number: 2670072
Sequence Number: 5941297
WCDA Code: D001

Waste Sequence Number: 2670072
Sequence Number: 5941298
WCDA Code: F003

Waste Sequence Number: 2670072
Sequence Number: 5941299
WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 137536
Waste Sequence Number: 2670071
Sequence Number: 1
WCDD Code: G06

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2670072
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2670046
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	2670055
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	2670078
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2670079
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2670085
Sequence Number:	1
WCDD Code:	G09

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037

PROGRESS RAIL SERVICES (Continued) **1000105883**

Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Stephanie J Gregg
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(310)982-0981
Site Contact Email:	sgregg@progressrail.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001

PROGRESS RAIL SERVICES (Continued) **1000105883**

Description:	Loosepack Paint Related Material
CORb Sequence Number:	131761
Sequence Number:	2645039
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	151
Quanity Unit:	LB
Kilograms Quanity:	68.4936011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DR112
CORb Sequence Number:	131761
Sequence Number:	2645040
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Lab Pack See Inventory Sheet
CORb Sequence Number:	131761
Sequence Number:	2645056
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	GAL
Kilograms Quanity:	71.4420012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Corrosive Acid Lab Pack
CORb Sequence Number:	131761
Sequence Number:	2645057
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.07200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paints and Solvents from Paint Shop
CORb Sequence Number:	131761
Sequence Number:	2645033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1422
Quanity Unit:	LB
Kilograms Quanity:	645.019211
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Tectyl
CORb Sequence Number:	131761
Sequence Number:	2645035
Mixed Radioactive Flag:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Designation Code:	D
Reported Quanity:	270
Quanity Unit:	LB
Kilograms Quanity:	122.472002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags, towels contaminated with paint and thinners
CORb Sequence Number:	131761
Sequence Number:	2643064
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	92
Quanity Unit:	LB
Kilograms Quanity:	41.7312007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	A C 20 NF
CORb Sequence Number:	131761
Sequence Number:	2645041
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	500
Quanity Unit:	LB
Kilograms Quanity:	226.800003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	131761
Waste Sequence Number:	2645033
Sequence Number:	1299008
Shipment Date:	2011-09-16 00:00:00
Mainfest Document ID:	4448936FLE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	1422
Unit of Measure:	LB
Kilograms Quanity:	645.019211
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645035
Sequence Number:	1299025
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391209FLE
Reported Quanity:	270
Unit of Measure:	LB
Kilograms Quanity:	122.472002
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645056
Sequence Number:	1299046
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208FLE
Reported Quanity:	21
Unit of Measure:	GAL
Kilograms Quanity:	71.4420012
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2645039
Sequence Number:	1299027
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391209FLE
Reported Quanity:	151
Unit of Measure:	LB
Kilograms Quanity:	68.4936011
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2645040
Sequence Number:	1299032
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2645057
Sequence Number:	1298969
Shipment Date:	2011-10-19 00:00:00
Mainfest Document ID:	4391208FLE
Reported Quanity:	20
Unit of Measure:	LB
Kilograms Quanity:	9.07200015
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2643064
Sequence Number:	1295802
Shipment Date:	2011-08-26 00:00:00
Mainfest Document ID:	004448820FLE
Reported Quanity:	92
Unit of Measure:	LB
Kilograms Quanity:	41.7312007

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2645041
Sequence Number: 1299036
Shipment Date: 2011-10-19 00:00:00
Mainfest Document ID: 4391208
Reported Quanity: 500
Unit of Measure: LB
Kilograms Quanity: 226.800003
Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 131761
Waste Sequence Number: 2643064
Sequence Number: 639081
Received EPAID: WAD981769110
Managed Quanity: 92
Kilogram Quanity: 41.7312007
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2645041
Sequence Number: 641670
Received EPAID: WAD991281767
Managed Quanity: 500
Kilogram Quanity: 226.800003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2645033
Sequence Number: 641646
Received EPAID: WAD981769110
Managed Quanity: 1422
Kilogram Quanity: 645.019211
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 2645035
Sequence Number: 641651
Received EPAID: WAD981769110
Managed Quanity: 270
Kilogram Quanity: 122.472002
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2645056
Sequence Number: 641677
Received EPAID: WAD991281767
Managed Quanity: 21
Kilogram Quanity: 71.4420012
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2645039
Sequence Number: 641658
Received EPAID: WAD981769110
Managed Quanity: 151

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilogram Quanity: 68.4936011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2645040
Sequence Number: 641664
Received EPAID: WAD991281767
Managed Quanity: 200
Kilogram Quanity: 90.7200015
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2645057
Sequence Number: 641625
Received EPAID: WAD991281767
Managed Quanity: 20
Kilogram Quanity: 9.07200015
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 131761
Comments: A-2: Sodium Hydroxide, solid, mixture
Waste Sequence Number: 2645040
Sequence Number: 1

Comments: A-2: Tetrasodium pyrophosphate, sodium metilicate
Waste Sequence Number: 2645041
Sequence Number: 1

Comments: A-2: Waste tetrachloroethylene
Waste Sequence Number: 2645056
Sequence Number: 1

Comments: A-2: Hydrochloric Acid
Waste Sequence Number: 2645057
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 131761
Waste Sequence Number: 2645039
Sequence Number: 5786087
WCDA Code: D001

Waste Sequence Number: 2645039
Sequence Number: 5786088
WCDA Code: D035

Waste Sequence Number: 2645056
Sequence Number: 5786316
WCDA Code: D039

Waste Sequence Number: 2645056
Sequence Number: 5786317
WCDA Code: U210

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2645057
Sequence Number:	5786355
WCDA Code:	D002
Waste Sequence Number:	2643064
Sequence Number:	5785960
WCDA Code:	D001
Waste Sequence Number:	2643064
Sequence Number:	5785961
WCDA Code:	F003
Waste Sequence Number:	2643064
Sequence Number:	5785962
WCDA Code:	F005
Waste Sequence Number:	2645033
Sequence Number:	5785996
WCDA Code:	D001
Waste Sequence Number:	2645033
Sequence Number:	5785997
WCDA Code:	F003
Waste Sequence Number:	2645033
Sequence Number:	5785998
WCDA Code:	F005

Name:	PROGRESS RAIL SERVICES
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	WP03
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate
Off-Specification:	Not reported
LN Address 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Mark Hall
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(256)505-6055
Site Contact Email:	mhall@progressrail.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Corrosive Labpack
CORb Sequence Number:	128770
Sequence Number:	2499730
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	150
Quanity Unit:	LB
Kilograms Quanity:	68.040001170288022
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquid Loosepack
CORb Sequence Number:	128770
Sequence Number:	2499766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	506
Quanity Unit:	LB
Kilograms Quanity:	229.52160394777161
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-RCRA Labpack
CORb Sequence Number:	128770
Sequence Number:	2499759
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.216000468115208
Density Number:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Quanity: Not reported

Shipments Send:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	1165904
Shipment Date:	4/12/2010
Mainfest Document ID:	002267251FLE
Reported Quanity:	150
Unit of Measure:	LB
Kilograms Quanity:	68.040001170288
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2499766
Sequence Number:	1165915
Shipment Date:	4/12/2010
Mainfest Document ID:	002267250FLE
Reported Quanity:	506
Unit of Measure:	LB
Kilograms Quanity:	229.521603947772
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2499759
Sequence Number:	1165912
Shipment Date:	4/12/2010
Mainfest Document ID:	002267251FLE
Reported Quanity:	60
Unit of Measure:	LB
Kilograms Quanity:	27.2160004681152
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	593505
Received EPAID:	IDD073114654
Managed Quanity:	150
Kilogram Quanity:	68.040001170288022
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2499759
Sequence Number:	593513
Received EPAID:	IDD073114654
Managed Quanity:	60
Kilogram Quanity:	27.216000468115208
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2499766
Sequence Number:	593518
Received EPAID:	WAD981769110
Managed Quanity:	506
Kilogram Quanity:	229.52160394777161
Recycled Percentage:	0
Waste Management System Code:	H141

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Stream Comments:

CORB Waste Sequence Number:	128770
Comments:	A-7 Detail - Non-RCRA Labpack Dangerous Waste only
Waste Sequence Number:	2499759
Sequence Number:	1
Comments:	A-7 & A-8 Detail - Waste corrosive liquid
Waste Sequence Number:	2499730
Sequence Number:	1
Comments:	A-7 Detail - Waste Flammable Liquids
Waste Sequence Number:	2499766
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	5459343
WCDA Code:	D002
Waste Sequence Number:	2499766
Sequence Number:	5459403
WCDA Code:	D001
Waste Sequence Number:	2499766
Sequence Number:	5459404
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	128770
Waste Sequence Number:	2499730
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2499759
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	2499766
Sequence Number:	1
WCDD Code:	G09

Name:	COAST ENGINE & EQUIPMENT CORP
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Coast Engine & Equipment Corp
Mailing Address:	4012 SR 509 S Frontage Rd
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Coast Engine & Equipment Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4012 SR 509 S Frontage Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)922-5955
Legal Effective Date:	08/29/1996
Land Organization Name:	Tacoma Port
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Coast Engine & Equipment Corp
Operator Organization Type:	Private
Operator:	Dave Swanson
Operator Address:	4012 SR 509 S. Frontage Rd.
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-3537
Operator Phone Number:	(253)922-5955
Operator Effective Date:	01/01/1997
Site Contact:	Greg Seifert
Site Contact Address:	4012 SR 509 S FRONTAGE RD
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253922-5955
Site Contact Email:	gseifert@ceeco.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

PROGRESS RAIL SERVICES (Continued) **1000105883**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	STILLBOTTOMS FROM SPENT PARTS WASHER SOLVENT
CORb Sequence Number:	119478
Sequence Number:	2006981
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	254
Quanity Unit:	GAL
Kilograms Quanity:	864.10801486265791
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS
CORb Sequence Number:	119478
Sequence Number:	2006983
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	9998
Quanity Unit:	LB
Kilograms Quanity:	4535.0928780035974
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	MINERAL SPIRITS W/SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006979
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	883
Quanity Unit:	LB
Kilograms Quanity:	400.52880688909551
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	WASTE PAINTS, SOLVENTS & STILLBOTTOMS
CORb Sequence Number:	119478
Sequence Number:	2006978
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3766
Quanity Unit:	LB
Kilograms Quanity:	1708.2576293820314
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	LABPACK CORROSIVE LIQUID
CORb Sequence Number:	119478
Sequence Number:	2006976
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	LB

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	6.804000117028802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ENGINE COMPARTMENT OILY SLUDGE/DEBRIS
CORb Sequence Number:	119478
Sequence Number:	2006973
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3485
Quanity Unit:	LB
Kilograms Quanity:	1580.7960271896918
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W603
Description:	SLUDGE/GREASE/OIL
CORb Sequence Number:	119478
Sequence Number:	2006974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	LB
Kilograms Quanity:	272.16000468115209
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SANDBLAST GRIT
CORb Sequence Number:	119478
Sequence Number:	2006970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4325
Quanity Unit:	LB
Kilograms Quanity:	1961.8200337433047
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006984
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49058
Quanity Unit:	LB
Kilograms Quanity:	22252.709182746599
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RAINSE WATER FROM OIL WATER SEPARATOR/MART SUMP
CORb Sequence Number:	119478
Sequence Number:	2006971
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13995
Quanity Unit:	LB
Kilograms Quanity:	6348.1321091878726
Density Number:	0
Density Quanity:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART TANK
CORb Sequence Number:	119478
Sequence Number:	2006972
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7485
Quanity Unit:	LB
Kilograms Quanity:	3395.1960583973723
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	119478
Waste Sequence Number:	2006984
Sequence Number:	960810
Shipment Date:	5/22/2009
Mainfest Document ID:	001415184JJK
Reported Quanity:	4564
Unit of Measure:	LB
Kilograms Quanity:	2070.23043560796
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006981
Sequence Number:	960805
Shipment Date:	1/1/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	211
Unit of Measure:	GAL
Kilograms Quanity:	717.822012346539
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006983
Sequence Number:	960808
Shipment Date:	9/9/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	9998
Unit of Measure:	LB
Kilograms Quanity:	4535.0928780036
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006981
Sequence Number:	960804
Shipment Date:	5/12/2009
Mainfest Document ID:	001415097JJK
Reported Quanity:	43
Unit of Measure:	GAL

PROGRESS RAIL SERVICES (Continued) **1000105883**

Kilograms Quanity:	146.286002516119
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006970
Sequence Number:	960786
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	740
Unit of Measure:	LB
Kilograms Quanity:	335.664005773421
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006984
Sequence Number:	960809
Shipment Date:	1/7/2009
Mainfest Document ID:	002266237FLE
Reported Quanity:	4794
Unit of Measure:	LB
Kilograms Quanity:	2174.55843740241
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006984
Sequence Number:	960811
Shipment Date:	8/31/2009
Mainfest Document ID:	002569536FLE
Reported Quanity:	39700
Unit of Measure:	LB
Kilograms Quanity:	18007.9203097362
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006970
Sequence Number:	960785
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	3585
Unit of Measure:	LB
Kilograms Quanity:	1626.15602796988
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006979
Sequence Number:	960802
Shipment Date:	3/6/2009
Mainfest Document ID:	002568876FLE
Reported Quanity:	463
Unit of Measure:	LB
Kilograms Quanity:	210.016803612289
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006979
Sequence Number:	960801
Shipment Date:	2/2/2009
Mainfest Document ID:	002568529FLE
Reported Quanity:	420
Unit of Measure:	LB
Kilograms Quanity:	190.512003276806
Receiving EPAID:	WAD981769110

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2006980
Sequence Number:	960803
Shipment Date:	1/29/2009
Mainfest Document ID:	000269851FLE
Reported Quanity:	486
Unit of Measure:	GAL
Kilograms Quanity:	1653.372028438
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	119478
Waste Sequence Number:	2006979
Sequence Number:	490987
Received EPAID:	WAD981769110
Managed Quanity:	883
Kilogram Quanity:	400.52880688909551
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2006971
Sequence Number:	490994
Received EPAID:	IDD073114654
Managed Quanity:	13995
Kilogram Quanity:	6348.1321091878726
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006972
Sequence Number:	490995
Received EPAID:	IDD073114654
Managed Quanity:	7485
Kilogram Quanity:	3395.1960583973723
Recycled Percentage:	0
Waste Management System Code:	H111
Waste Sequence Number:	2006975
Sequence Number:	490998
Received EPAID:	IDD073114654
Managed Quanity:	60
Kilogram Quanity:	27.216000468115208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006973
Sequence Number:	490996
Received EPAID:	IDD073114654
Managed Quanity:	3485
Kilogram Quanity:	1580.7960271896918
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006974
Sequence Number:	490997
Received EPAID:	IDD073114654
Managed Quanity:	600
Kilogram Quanity:	272.16000468115209
Recycled Percentage:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Management System Code: H132

Waste Sequence Number: 2006970
Sequence Number: 490993
Received EPAID: IDD073114654
Managed Quanity: 4325
Kilogram Quanity: 1961.8200337433047
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006984
Sequence Number: 490992
Received EPAID: ORD089452353
Managed Quanity: 49058
Kilogram Quanity: 22252.709182746599
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006981
Sequence Number: 490989
Received EPAID: WAD981769110
Managed Quanity: 254
Kilogram Quanity: 864.10801486265791
Recycled Percentage: 0
Waste Management System Code: H020

Waste Sequence Number: 2006983
Sequence Number: 490991
Received EPAID: WAD981769110
Managed Quanity: 9998
Kilogram Quanity: 4535.0928780035974
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006976
Sequence Number: 490999
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 6.804000117028802
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 119478
Comments: A-7. SANDBLASTING LOCOMOTIVES A-8. SANDBLAST GRIT W/METALS
Waste Sequence Number: 2006970
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006973
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006974
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006975
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006976
Sequence Number: 1

Comments: A-7. LOCOMOTIVE MAINTENANCE AND REPAIR
Waste Sequence Number: 2006979
Sequence Number: 1

Comments: A-8. DIESEL, SLUDGE, AND WATER
Waste Sequence Number: 2006980
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED PRODUCT
Waste Sequence Number: 2006983
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006971
Sequence Number: 4309378
WCDA Code: D007

Waste Sequence Number: 2006971
Sequence Number: 4309379
WCDA Code: D008

Waste Sequence Number: 2006972
Sequence Number: 4309436
WCDA Code: D008

Waste Sequence Number: 2006975
Sequence Number: 4309443
WCDA Code: D002

Waste Sequence Number: 2006970
Sequence Number: 4309369
WCDA Code: D004

Waste Sequence Number: 2006970
Sequence Number: 4309370
WCDA Code: D007

Waste Sequence Number: 2006970
Sequence Number: 4309371
WCDA Code: D008

Waste Sequence Number: 2006984
Sequence Number: 4309450
WCDA Code: D002

Waste Sequence Number: 2006980
Sequence Number: 4309447
WCDA Code: D018

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number: 2006982
Sequence Number: 4309448
WCDA Code: F005

Waste Sequence Number: 2006973
Sequence Number: 4309437
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006970
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006971
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006972
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006973
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006974
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006975
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006976
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006978
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2006979
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006980
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2006981
Sequence Number: 1
WCDD Code: G13

Name: PROGRESS RAIL SERVICES
Address: 4012 SR 509 S FRONTAGE RD

PROGRESS RAIL SERVICES (Continued) **1000105883**

City,State,Zip:	TACOMA, WA 98421-3537
Facility Address 2:	Not reported
Facility ID:	26693246
EPA ID:	WAD060033024
NAICS:	333913
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601214638
Business Type:	Rail related equipment
Mail Name:	Progress Rail Services
Mailing Address:	PO Box 1037
Mailing City,State,Zip:	Albertville, AL 35950
Legal Organization Name:	Progress Rail Services
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 1037
Legal Address 2:	Not reported
Legal City,State,Zip:	Albertville, AL 35950
Legal Phone Number:	(256)505-6055
Legal Effective Date:	11/12/2009
Land Organization Name:	Port of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	PO BOX 1837
Land City,State,Zip:	TACOMA, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Progress Rail Services
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 1037
Operator Address 2:	Not reported
Operator City,State,Zip:	Albertville, AL 35950
Operator Phone Number:	(256)505-6055
Operator Effective Date:	11/12/2009
Site Contact:	Mark Hall
Site Contact Address:	PO Box 1037
Contact City,State,Zip:	Albertville, AL 35950
Site Contact Phone Number:	(256)505-6055

PROGRESS RAIL SERVICES (Continued) **1000105883**

Site Contact Email:	mhall@progressrail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	STILLBOTTOMS FROM SPENT PARTS WASHER SOLVENT
CORb Sequence Number:	119478
Sequence Number:	2006981
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	254
Quanity Unit:	GAL
Kilograms Quanity:	864.10801486265791
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS
CORb Sequence Number:	119478
Sequence Number:	2006983
Mixed Radioactive Flag:	False
Designation Code:	D

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	9998
Quanity Unit:	LB
Kilograms Quanity:	4535.0928780035974
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	MINERAL SPIRITS W/SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006979
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	883
Quanity Unit:	LB
Kilograms Quanity:	400.52880688909551
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	WASTE PAINTS, SOLVENTS & STILLBOTTOMS
CORb Sequence Number:	119478
Sequence Number:	2006978
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3766
Quanity Unit:	LB
Kilograms Quanity:	1708.2576293820314
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PROGRESS RAIL SERVICES (Continued) **1000105883**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	LABPACK CORROSIVE LIQUID
CORb Sequence Number:	119478
Sequence Number:	2006976
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	LB
Kilograms Quanity:	6.804000117028802
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ENGINE COMPARTMENT OILY SLUDGE/DEBRIS
CORb Sequence Number:	119478
Sequence Number:	2006973
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3485
Quanity Unit:	LB
Kilograms Quanity:	1580.7960271896918
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W603
Description:	SLUDGE/GREASE/OIL
CORb Sequence Number:	119478
Sequence Number:	2006974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	LB
Kilograms Quanity:	272.16000468115209
Density Number:	0

PROGRESS RAIL SERVICES (Continued) **1000105883**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	SANDBLAST GRIT
CORb Sequence Number:	119478
Sequence Number:	2006970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4325
Quanity Unit:	LB
Kilograms Quanity:	1961.8200337433047
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART SLUDGE
CORb Sequence Number:	119478
Sequence Number:	2006984
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49058
Quanity Unit:	LB
Kilograms Quanity:	22252.709182746599
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113

PROGRESS RAIL SERVICES (Continued) **1000105883**

Description:	RAINSE WATER FROM OIL WATER SEPARATOR/MART SUMP
CORb Sequence Number:	119478
Sequence Number:	2006971
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13995
Quanity Unit:	LB
Kilograms Quanity:	6348.1321091878726
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	HOT TANK SOLUTION/MART TANK
CORb Sequence Number:	119478
Sequence Number:	2006972
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7485
Quanity Unit:	LB
Kilograms Quanity:	3395.1960583973723
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	119478
Waste Sequence Number:	2006984
Sequence Number:	960810
Shipment Date:	5/22/2009
Mainfest Document ID:	001415184JJK
Reported Quanity:	4564
Unit of Measure:	LB
Kilograms Quanity:	2070.23043560796
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006981
Sequence Number:	960805
Shipment Date:	1/1/2009
Mainfest Document ID:	002569584FLE
Reported Quanity:	211
Unit of Measure:	GAL
Kilograms Quanity:	717.822012346539
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006983
Sequence Number:	960808
Shipment Date:	9/9/2009
Mainfest Document ID:	002569584FLE

PROGRESS RAIL SERVICES (Continued) **1000105883**

Reported Quanity:	9998
Unit of Measure:	LB
Kilograms Quanity:	4535.0928780036
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006981
Sequence Number:	960804
Shipment Date:	5/12/2009
Mainfest Document ID:	001415097JJK
Reported Quanity:	43
Unit of Measure:	GAL
Kilograms Quanity:	146.286002516119
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2006970
Sequence Number:	960786
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	740
Unit of Measure:	LB
Kilograms Quanity:	335.664005773421
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006984
Sequence Number:	960809
Shipment Date:	1/7/2009
Mainfest Document ID:	002266237FLE
Reported Quanity:	4794
Unit of Measure:	LB
Kilograms Quanity:	2174.55843740241
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006984
Sequence Number:	960811
Shipment Date:	8/31/2009
Mainfest Document ID:	002569536FLE
Reported Quanity:	39700
Unit of Measure:	LB
Kilograms Quanity:	18007.9203097362
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2006970
Sequence Number:	960785
Shipment Date:	9/9/2009
Mainfest Document ID:	002569585FLE
Reported Quanity:	3585
Unit of Measure:	LB
Kilograms Quanity:	1626.15602796988
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2006979
Sequence Number:	960802
Shipment Date:	3/6/2009
Mainfest Document ID:	002568876FLE
Reported Quanity:	463
Unit of Measure:	LB
Kilograms Quanity:	210.016803612289

PROGRESS RAIL SERVICES (Continued) **1000105883**

Receiving EPAID: WAD981769110

Waste Sequence Number: 2006979
Sequence Number: 960801
Shipment Date: 2/2/2009
Mainfest Document ID: 002568529FLE
Reported Quanity: 420
Unit of Measure: LB
Kilograms Quanity: 190.512003276806
Receiving EPAID: WAD981769110

Waste Sequence Number: 2006980
Sequence Number: 960803
Shipment Date: 1/29/2009
Mainfest Document ID: 000269851FLE
Reported Quanity: 486
Unit of Measure: GAL
Kilograms Quanity: 1653.372028438
Receiving EPAID: WAD981769110

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 119478
Waste Sequence Number: 2006979
Sequence Number: 490987
Received EPAID: WAD981769110
Managed Quanity: 883
Kilogram Quanity: 400.52880688909551
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006971
Sequence Number: 490994
Received EPAID: IDD073114654
Managed Quanity: 13995
Kilogram Quanity: 6348.1321091878726
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006972
Sequence Number: 490995
Received EPAID: IDD073114654
Managed Quanity: 7485
Kilogram Quanity: 3395.1960583973723
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006975
Sequence Number: 490998
Received EPAID: IDD073114654
Managed Quanity: 60
Kilogram Quanity: 27.216000468115208
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006973
Sequence Number: 490996
Received EPAID: IDD073114654

PROGRESS RAIL SERVICES (Continued) **1000105883**

Managed Quanity: 3485
Kilogram Quanity: 1580.7960271896918
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006974
Sequence Number: 490997
Received EPAID: IDD073114654
Managed Quanity: 600
Kilogram Quanity: 272.16000468115209
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006970
Sequence Number: 490993
Received EPAID: IDD073114654
Managed Quanity: 4325
Kilogram Quanity: 1961.8200337433047
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2006984
Sequence Number: 490992
Received EPAID: ORD089452353
Managed Quanity: 49058
Kilogram Quanity: 22252.709182746599
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2006981
Sequence Number: 490989
Received EPAID: WAD981769110
Managed Quanity: 254
Kilogram Quanity: 864.10801486265791
Recycled Percentage: 0
Waste Management System Code: H020

Waste Sequence Number: 2006983
Sequence Number: 490991
Received EPAID: WAD981769110
Managed Quanity: 9998
Kilogram Quanity: 4535.0928780035974
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 2006976
Sequence Number: 490999
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 6.804000117028802
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 119478
Comments: A-7. SANDBLASTING LOCOMOTIVES A-8. SANDBLAST GRIT W/METALS
Waste Sequence Number: 2006970

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006973
Sequence Number: 1

Comments: A-7. CLEANING LOCOMOTIVE ENGINES
Waste Sequence Number: 2006974
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006975
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED CHEMICALS
Waste Sequence Number: 2006976
Sequence Number: 1

Comments: A-7. LOCOMOTIVE MAINTENANCE AND REPAIR
Waste Sequence Number: 2006979
Sequence Number: 1

Comments: A-8. DIESEL, SLUDGE, AND WATER
Waste Sequence Number: 2006980
Sequence Number: 1

Comments: A-7. DISCARDING UNUSED PRODUCT
Waste Sequence Number: 2006983
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006971
Sequence Number: 4309378
WCDA Code: D007

Waste Sequence Number: 2006971
Sequence Number: 4309379
WCDA Code: D008

Waste Sequence Number: 2006972
Sequence Number: 4309436
WCDA Code: D008

Waste Sequence Number: 2006975
Sequence Number: 4309443
WCDA Code: D002

Waste Sequence Number: 2006970
Sequence Number: 4309369
WCDA Code: D004

Waste Sequence Number: 2006970
Sequence Number: 4309370
WCDA Code: D007

Waste Sequence Number: 2006970

PROGRESS RAIL SERVICES (Continued) **1000105883**

Sequence Number: 4309371
WCDA Code: D008

Waste Sequence Number: 2006984
Sequence Number: 4309450
WCDA Code: D002

Waste Sequence Number: 2006980
Sequence Number: 4309447
WCDA Code: D018

Waste Sequence Number: 2006982
Sequence Number: 4309448
WCDA Code: F005

Waste Sequence Number: 2006973
Sequence Number: 4309437
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 119478
Waste Sequence Number: 2006970
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006971
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006972
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2006973
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006974
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2006975
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006976
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2006978
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2006979
Sequence Number: 1
WCDD Code: G09

PROGRESS RAIL SERVICES (Continued) **1000105883**

Waste Sequence Number:	2006980
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2006981
Sequence Number:	1
WCDD Code:	G13

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	PROGRESS RAIL SERVICES TACOMA
Address:	4012 SR 509 S FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3537
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24636186
Longitude:	-122.374981
Permit ID:	WAR000035
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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61 **PCT PAVING REPAIRS** **WA ALLSITES** **S107476122**
NW **3600 PORT OF TACOMA RD** **WA SPILLS** **N/A**
1/4-1/2 **TACOMA, WA 98424**
0.273 mi.
1442 ft.

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	PCT PAVING REPAIRS
Facility Id:	23086

SPILLS:

Name:	SEALAND CORP
Address:	3600 PORT OF TACOMA
City,State,Zip:	TACOMA, WA
Facility ID:	505510
Medium:	Not reported
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	2
Material Units:	GALLON
Date Received:	07/28/1999
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported

PCT PAVING REPAIRS (Continued) **S107476122**

Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

O62 **WES CRAFT RV & MARINE SVCS** **WA ALLSITES** **1001600447**
SW **3151 20TH ST E** **RCRA NonGen / NLR** **WAR000011460**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.274 mi. **ECHO**
1446 ft. **Site 1 of 7 in cluster O**

Relative:
Lower

Actual:
17 ft.

ALLSITES:

Name:	WES CRAFT RV & MARINE SVCS
Facility Id:	15494538

RCRA Listings:

Date Form Received by Agency:	2005-03-29 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Handler Address:	3151 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAR000011460
Contact Name:	RANDY GEHRKE
Contact Address:	3151 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-926-3443
Contact Fax:	Not reported
Contact Email:	WWW.WESCRAFT@INTEGRITY.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3151 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	WES CRAFT INC
Owner Type:	Private
Operator Name:	WES CRAFT RV MARINE SVCS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 18:31:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY G
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC W
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WES CRAFT INC
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV MARINE SVCS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	206-926-3443
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WES CRAFT RV & MARINE SVCS
Legal Status:	Private
Date Became Current:	1996-11-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3151 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES & KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWENS, JAMES KATHERINE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	411 108 AVE NE
Owner/Operator City,State,Zip:	BELLEVUE, WA 98004
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-03-28 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-28 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-29 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-11-12 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-11 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-08 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-28 00:00:00.0
Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

Handler Name:	WES CRAFT RV & MARINE SVCS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING
NAICS Code:	81149
NAICS Description:	OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE
NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005406337

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600447
Registry ID:	110005406337

WES CRAFT RV & MARINE SVCS (Continued) **1001600447**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005406337
Name: WES CRAFT RV & MARINE SVCS
Address: 3151 20TH ST E
City,State,Zip: FIFE, WA 98424

P63 WNW 1/4-1/2 0.276 mi. 1455 ft. **DAUPHIN SITE** **SEMS** **1000347234**
2911 PACIFIC HWY E **WAD980514566**
TACOMA, WA 98424

Site 1 of 5 in cluster P

Relative: Lower
Actual: 13 ft.

SEMS:
Site ID: 1000847
EPA ID: WAD980514566
Name: DAUPHIN SITE
Address: 2911 PACIFIC HWY E
Address 2: Not reported
City,State,Zip: TACOMA, WA 98424
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000847
EPA ID: WAD980514566
Site Name: DAUPHIN SITE
NPL: A
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1979-11-01 05:00:00
Finish Date: 11/1/1979 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000847
EPA ID: WAD980514566
Site Name: DAUPHIN SITE
NPL: A
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1985-06-28 05:00:00
Finish Date: 5/14/1986 4:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 10

DAUPHIN SITE (Continued) **1000347234**

Site ID:	1000847
EPA ID:	WAD980514566
Site Name:	DAUPHIN SITE
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-12-08 05:00:00
Finish Date:	12/8/1988 5:00:00 AM
Qual:	A
Current Action Lead:	St Perf

P64 **OCCIDENTAL CHEMICAL- SITE IV** **WA SWF/LF** **S118401948**
WNW **2911 PACIFIC HWY E** **N/A**
1/4-1/2 **FIFE, WA**
0.276 mi.
1455 ft. **Site 2 of 5 in cluster P**

Relative:
Lower

Actual:
13 ft.

SWF/LF:

Name:	OCCIDENTAL CHEMICAL- SITE IV
Address:	2911 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	2176
Region:	STATE
Permit Status:	Not reported
Contact Organization:	Unaffiliated Historic Landfills
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Unaffiliated Historic Landfills
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Historic Landfill (non-regulated)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

P65 WNW 1/4-1/2 0.276 mi. 1455 ft. | **DAUPHIN SITE 2911 PACIFIC HWY E TACOMA, WA 98424** | **WA HSL WA CSCSL WA VCP WA ALLSITES FINDS** | **1007080815 N/A**

Site 3 of 5 in cluster P

Relative: Lower

Actual: 13 ft.

HSL:

Name:	OCCIDENTAL CHEMICAL DAUPHIN
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1281
Rank:	3
Region:	SW
EDR Link ID:	1281
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	OCCIDENTAL CHEMICAL DAUPHIN
Address:	2911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	1281
Region:	Southwest
Lat/Long:	47.243418012356 / -122.3880828252
Clean Up Siteid:	3826
Site Status:	Awaiting Cleanup
Contaminant Name:	Corrosive Wastes
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OCCIDENTAL CHEMICAL DAUPHIN
Address:	2911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	1281
Region:	Southwest
Lat/Long:	47.243418012356 / -122.3880828252
Clean Up Siteid:	3826
Site Status:	Awaiting Cleanup
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

DAUPHIN SITE (Continued) **1007080815**

Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VCP:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1281
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 3826
Contaminant Name: Corrosive Wastes
Soil: Suspected

Name: OCCIDENTAL CHEMICAL DAUPHIN
Address: 2911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
edr_fstat: WA
edr_fzip: 98424
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1281
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 3826
Contaminant Name: Halogenated Organics
Soil: Confirmed Above Cleanup Levels

ALLSITES:
Name: OCCIDENTAL CHEMICAL DAUPHIN
Facility Id: 1281

FINDS:
Registry ID: 110015575386

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a

DAUPHIN SITE (Continued) **1007080815**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Registry ID: 110070605594

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Q66
SE
1/4-1/2
0.277 mi.
1460 ft.

NORTHWEST MINI
3901 20TH ST E
FIFE, WA 98424

WA ALLSITES **S109824526**
N/A

Site 1 of 2 in cluster Q

Relative:
Lower

Actual:
17 ft.

ALLSITES:
Name: NORTHWEST MINI
Facility Id: 17670

P67
WNW
1/4-1/2
0.277 mi.
1460 ft.

SOON MU LEE VACANT LOT
2909 PACIFIC HWY E
FIFE, WA 98424

WA ALLSITES **S105613417**
WA CSCSL NFA **N/A**

Site 4 of 5 in cluster P

Relative:
Lower

Actual:
13 ft.

ALLSITES:
Name: SOON MU LEE VACANT LOT
Facility Id: 39223129

CSCSL NFA:
Name: SOON MU LEE VACANT LOT
Address: 2909 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 39223129
CS Id: 2199
NFA Date: 08/19/2013
Alternate Site Names: DAYS INN FIFE
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.243610411
Longitude: -122.38945555

P68 WNW 1/4-1/2 0.277 mi. 1460 ft. | **SOON MU LEE VACANT LOT**
2909 PACIFIC HWY E
FIFE, WA 98424 | **WA VCP** | **S124434220**
N/A

Site 5 of 5 in cluster P

Relative: Lower
Actual: 13 ft.

VCP:

Name:	SOON MU LEE VACANT LOT
Address:	2909 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	39223129
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2013-08-19
Rank:	Not reported
Cleanup Siteid:	2199
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated-Below

R69 ENE 1/4-1/2 0.277 mi. 1464 ft. | **PM TESTING LAB INC PACIFIC HWY**
3921 PACIFIC HWY E
TACOMA, WA 98424 | **WA VCP** | **S124436836**
N/A

Site 1 of 2 in cluster R

Relative: Lower
Actual: 15 ft.

VCP:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	98132319
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	1997-11-14
Rank:	Not reported
Cleanup Siteid:	2761
Contaminant Name:	Metals Priority Pollutants
Soil:	Remediated

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	98132319
VCP Status:	Not reported
VCP:	NFA

PM TESTING LAB INC PACIFIC HWY (Continued) **S124436836**

Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 1997-11-14
Rank: Not reported
Cleanup Siteid: 2761
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated

R70 **PM TESTING LAB INC PACIFIC HWY** **RCRA-LQG** **1001234205**
ENE **3921 PACIFIC HWY E** **WA ALLSITES** **WAH000006213**
1/4-1/2 **TACOMA, WA 98424** **WA CSCSL NFA**
0.277 mi. **FINDS**
1464 ft. **Site 2 of 2 in cluster R** **ECHO**
WA MANIFEST

Relative:
Lower

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Handler Address:	3921 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAH000006213
Contact Name:	MATHEW HAGER
Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1321 117
Contact Fax:	Not reported
Contact Email:	MATH@PM-TESTING.COM
Contact Title:	EHS & FACILITIES MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	3921 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	MURPHIE, PATRICK
Owner Type:	Private
Operator Name:	WALDEN, SKYLER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F019
Waste Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALDEN, GERALD
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WALDEN, GERALD
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD WALDEN
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURPHIE, PATRICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WALDEN, SKYLER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PATRICK MURPHIE
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PM TESTING LAB INC PACIFIC HWY
Legal Status:	Private

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date Became Current:	1998-09-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3921 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1321
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-17 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-18 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-07 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-12 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receive Date:	2000-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-09 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-06 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-05-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-20 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-24 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-07-22 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-02 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-25 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-01 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-17 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-18 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-23 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-07 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receive Date:	2019-03-04 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PM TESTING LAB INC PACIFIC HWY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code:	54199

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

NAICS Description: ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

NAICS Code: 541990
NAICS Description: ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	2019-04-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2004-03-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-03-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Preparedness and Prevention
Date Violation was Determined:	2011-05-19 00:00:00.0
Actual Return to Compliance Date:	2011-06-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-07-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-06-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2013-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Large Quantity Handlers
Date Violation was Determined:	2013-01-09 00:00:00.0
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-01-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-02-24 00:00:00.0
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-03-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRW
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-10-28 00:00:00.0
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2009-12-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKAG
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2008-11-05 00:00:00.0
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2008-11-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	ORDER NO 3131
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	WAKBS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	1
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 1	
SEP Expenditure Amount:	28000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2019-04-24 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2019-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAIET
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	2
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2006-01-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-07 00:00:00.0
Actual Return to Compliance Date:	2003-11-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-11-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-11-04 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction
Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2006-01-19 00:00:00.0
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	2006-06-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	PENALTY NO 3356
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WADJR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number: 2	
SEP Expenditure Amount:	6000
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	2007-12-31 00:00:00.0
SEP Defaulted Date:	Not reported
SEP Type:	PPR
SEP Type Description:	Pollution Prevention and Reduction

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Proposed Amount:	103000
Final Monetary Amount:	63000
Paid Amount:	131000
Final Count:	1
Final Amount:	97000

Evaluation Action Summary:

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2019-04-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-03-03 00:00:00.0
Scheduled Compliance Date:	2004-03-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-15 00:00:00.0
Scheduled Compliance Date:	2006-04-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-28 00:00:00.0
Scheduled Compliance Date:	2011-07-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-06-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-02-21 00:00:00.0
Scheduled Compliance Date:	2013-02-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-02-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-12-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-03-12 00:00:00.0
Scheduled Compliance Date:	2008-11-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-12-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-03-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-20 00:00:00.0
Scheduled Compliance Date:	2003-11-25 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	2006-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-03-21 00:00:00.0
Scheduled Compliance Date:	2006-06-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-09-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-02-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-04-05 00:00:00.0
Scheduled Compliance Date:	2016-04-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKAG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-12-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-11-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-01-05 00:00:00.0
Scheduled Compliance Date:	2008-12-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-02-17 00:00:00.0
Scheduled Compliance Date:	2006-03-27 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-05-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-01-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAIET
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	2019-07-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-06-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-11-26 00:00:00.0
Scheduled Compliance Date:	2003-11-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-04-03 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WAABS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-03-27 00:00:00.0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ALLSITES:

Name:	PM TESTING LAB INC PACIFIC HWY
Facility Id:	98132319

CSCSL NFA:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	98132319
CS Id:	2761
NFA Date:	11/14/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242777
Longitude:	-122.375554

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility/Site Id:	98132319
CS Id:	2761
NFA Date:	11/14/1997
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242777
Longitude:	-122.375554

FINDS:

Registry ID:	110005393458

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001234205
Registry ID:	110005393458
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005393458
Name:	PM TESTING LABORATORY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	332813
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D011,D035,F002,F003,F005,F019
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Murphie, Patrick
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Walden, Gerald
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Walden, Skyler
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490317
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490318
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	164402
Sequence Number:	3490319
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11165
Quanity Unit:	GAL
Kilograms Quanity:	63397.2479
Density Number:	1.5

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	164402
Sequence Number:	3490320
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8700
Quanity Unit:	LB
Kilograms Quanity:	3946.32006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Filter Dust and Debris
CORb Sequence Number:	164402
Sequence Number:	3490321
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1750
Quanity Unit:	LB
Kilograms Quanity:	793.800013
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	Paint Waste
CORb Sequence Number:	164402
Sequence Number:	3490322
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	5996.19290
Density Number:	1.2
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	164402
Sequence Number:	3490323
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3520
Quanity Unit:	GAL
Kilograms Quanity:	13324.8731
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	164402
Sequence Number:	3490324
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	7328.68021
Density Number:	1.10000000
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Shop Rags and PPE with Solvents
CORb Sequence Number:	164402
Sequence Number:	3490325
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4405
Quanity Unit:	LB
Kilograms Quanity:	1998.10803
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	164402
Sequence Number:	3490326
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	164402
Sequence Number:	3490327
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	D
Reported Quanity:	2585
Quanity Unit:	LB
Kilograms Quanity:	1172.55602
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	2088305
Shipment Date:	2017-01-11 00:00:00
Mainfest Document ID:	016544020JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088306
Shipment Date:	2017-01-25 00:00:00
Mainfest Document ID:	016544023JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088307
Shipment Date:	2017-02-08 00:00:00
Mainfest Document ID:	016544029JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088308
Shipment Date:	2017-02-22 00:00:00
Mainfest Document ID:	016544032JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088309
Shipment Date:	2017-03-08 00:00:00
Mainfest Document ID:	016544035JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088310
Shipment Date:	2017-03-08 00:00:00

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mainfest Document ID:	016544039JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	295.267074
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088311
Shipment Date:	2017-03-22 00:00:00
Mainfest Document ID:	016544046JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088312
Shipment Date:	2017-04-10 00:00:00
Mainfest Document ID:	016544049JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088313
Shipment Date:	2017-04-19 00:00:00
Mainfest Document ID:	016544050JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088314
Shipment Date:	2017-05-05 00:00:00
Mainfest Document ID:	016544057JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088315
Shipment Date:	2017-05-17 00:00:00
Mainfest Document ID:	016544061JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	952084
Received EPAID:	MND981098478
Managed Quanity:	5694

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490318
Sequence Number:	952085
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3490319
Sequence Number:	952086
Received EPAID:	IDD073114654
Managed Quanity:	11165
Kilogram Quanity:	63397.2479
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490324
Sequence Number:	952091
Received EPAID:	IDD073114654
Managed Quanity:	1760
Kilogram Quanity:	7328.68021
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490325
Sequence Number:	952092
Received EPAID:	IND000646943
Managed Quanity:	4405
Kilogram Quanity:	1998.10803
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3490326
Sequence Number:	952093
Received EPAID:	IDD073114654
Managed Quanity:	1250
Kilogram Quanity:	567.000009
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490327
Sequence Number:	952094
Received EPAID:	IDD073114654
Managed Quanity:	2585
Kilogram Quanity:	1172.55602
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3490332
Sequence Number:	952099
Received EPAID:	IDD073114654
Managed Quanity:	15
Kilogram Quanity:	56.7821297

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490320
Sequence Number: 952087
Received EPAID: IDD073114654
Managed Quanity: 8700
Kilogram Quanity: 3946.32006
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490321
Sequence Number: 952088
Received EPAID: IDD073114654
Managed Quanity: 1750
Kilogram Quanity: 793.800013
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490322
Sequence Number: 952089
Received EPAID: KSD980633259
Managed Quanity: 1320
Kilogram Quanity: 5996.19290
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 164402
Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490317
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490318
Sequence Number: 1

Comments: G09 Parts cleaning and paint cleanup
Waste Sequence Number: 3490325
Sequence Number: 1

Comments: A-7 General parts cleaning
Waste Sequence Number: 3490328
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 8189937
WCDA Code: D007

Waste Sequence Number: 3490317
Sequence Number: 8189938
WCDA Code: F019

Waste Sequence Number: 3490318

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 8189939
WCDA Code: D007

Waste Sequence Number: 3490318
Sequence Number: 8189940
WCDA Code: F019

Waste Sequence Number: 3490319
Sequence Number: 8189941
WCDA Code: D007

Waste Sequence Number: 3490319
Sequence Number: 8189942
WCDA Code: F019

Waste Sequence Number: 3490320
Sequence Number: 8189943
WCDA Code: D007

Waste Sequence Number: 3490321
Sequence Number: 8189944
WCDA Code: D007

Waste Sequence Number: 3490322
Sequence Number: 8189945
WCDA Code: D001

Waste Sequence Number: 3490322
Sequence Number: 8189946
WCDA Code: D035

Waste Sequence Number: 3490322
Sequence Number: 8189947
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490318
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490319
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490326
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490317
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490325
Sequence Number: 1
WCDD Code: G09

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490328
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3490331
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3490327
Sequence Number:	1
WCDD Code:	G03
Waste Sequence Number:	3490324
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3490323
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3490332
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02,WT01
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D011,D010,D035,F002,F003,F019,F005
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490317
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	164402
Sequence Number:	3490318
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5694
Quanity Unit:	GAL
Kilograms Quanity:	21554.4964
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	164402
Sequence Number:	3490319
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11165
Quanity Unit:	GAL
Kilograms Quanity:	63397.2479
Density Number:	1.5
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	164402
Sequence Number:	3490320
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8700
Quanity Unit:	LB
Kilograms Quanity:	3946.32006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Paint Filter Dust and Debris
CORb Sequence Number:	164402
Sequence Number:	3490321
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1750
Quanity Unit:	LB
Kilograms Quanity:	793.800013
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Paint Waste
CORb Sequence Number:	164402
Sequence Number:	3490322
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	E
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	5996.19290
Density Number:	1.2
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	164402
Sequence Number:	3490323
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3520
Quanity Unit:	GAL
Kilograms Quanity:	13324.8731
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	164402
Sequence Number:	3490324
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	7328.68021
Density Number:	1.10000000
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Shop Rags and PPE with Solvents
CORb Sequence Number:	164402
Sequence Number:	3490325
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4405
Quanity Unit:	LB
Kilograms Quanity:	1998.10803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	164402
Sequence Number:	3490326
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1250
Quanity Unit:	LB
Kilograms Quanity:	567.000009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	164402
Sequence Number:	3490327
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2585
Quanity Unit:	LB
Kilograms Quanity:	1172.55602

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Number: 0
Density Quanity: Not reported

Shipments Send:

CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 2088305
Shipment Date: 2017-01-11 00:00:00
Mainfest Document ID: 016544020JJK
Reported Quanity: 78
Unit of Measure: GAL
Kilograms Quanity: 295.267074
Receiving EPAID: MND981098478

Waste Sequence Number: 3490317
Sequence Number: 2088306
Shipment Date: 2017-01-25 00:00:00
Mainfest Document ID: 016544023JJK
Reported Quanity: 156
Unit of Measure: GAL
Kilograms Quanity: 590.534149
Receiving EPAID: MND981098478

Waste Sequence Number: 3490317
Sequence Number: 2088307
Shipment Date: 2017-02-08 00:00:00
Mainfest Document ID: 016544029JJK
Reported Quanity: 234
Unit of Measure: GAL
Kilograms Quanity: 885.801224
Receiving EPAID: MND981098478

Waste Sequence Number: 3490317
Sequence Number: 2088308
Shipment Date: 2017-02-22 00:00:00
Mainfest Document ID: 016544032JJK
Reported Quanity: 156
Unit of Measure: GAL
Kilograms Quanity: 590.534149
Receiving EPAID: MND981098478

Waste Sequence Number: 3490317
Sequence Number: 2088309
Shipment Date: 2017-03-08 00:00:00
Mainfest Document ID: 016544035JJK
Reported Quanity: 234
Unit of Measure: GAL
Kilograms Quanity: 885.801224
Receiving EPAID: MND981098478

Waste Sequence Number: 3490317
Sequence Number: 2088310
Shipment Date: 2017-03-08 00:00:00
Mainfest Document ID: 016544039JJK
Reported Quanity: 78
Unit of Measure: GAL
Kilograms Quanity: 295.267074

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088311
Shipment Date:	2017-03-22 00:00:00
Mainfest Document ID:	016544046JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088312
Shipment Date:	2017-04-10 00:00:00
Mainfest Document ID:	016544049JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088313
Shipment Date:	2017-04-19 00:00:00
Mainfest Document ID:	016544050JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088314
Shipment Date:	2017-05-05 00:00:00
Mainfest Document ID:	016544057JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.801224
Receiving EPAID:	MND981098478
Waste Sequence Number:	3490317
Sequence Number:	2088315
Shipment Date:	2017-05-17 00:00:00
Mainfest Document ID:	016544061JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.534149
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	164402
Waste Sequence Number:	3490317
Sequence Number:	952084
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490318
Sequence Number:	952085
Received EPAID:	MND981098478
Managed Quanity:	5694
Kilogram Quanity:	21554.4964
Recycled Percentage:	0
Waste Management System Code:	H129

Waste Sequence Number:	3490319
Sequence Number:	952086
Received EPAID:	IDD073114654
Managed Quanity:	11165
Kilogram Quanity:	63397.2479
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490324
Sequence Number:	952091
Received EPAID:	IDD073114654
Managed Quanity:	1760
Kilogram Quanity:	7328.68021
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490325
Sequence Number:	952092
Received EPAID:	IND000646943
Managed Quanity:	4405
Kilogram Quanity:	1998.10803
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3490326
Sequence Number:	952093
Received EPAID:	IDD073114654
Managed Quanity:	1250
Kilogram Quanity:	567.000009
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490327
Sequence Number:	952094
Received EPAID:	IDD073114654
Managed Quanity:	2585
Kilogram Quanity:	1172.55602
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490332
Sequence Number:	952099
Received EPAID:	IDD073114654
Managed Quanity:	15
Kilogram Quanity:	56.7821297
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3490320

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 952087
Received EPAID: IDD073114654
Managed Quanity: 8700
Kilogram Quanity: 3946.32006
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490321
Sequence Number: 952088
Received EPAID: IDD073114654
Managed Quanity: 1750
Kilogram Quanity: 793.800013
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3490322
Sequence Number: 952089
Received EPAID: KSD980633259
Managed Quanity: 1320
Kilogram Quanity: 5996.19290
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 164402
Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490317
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3490318
Sequence Number: 1

Comments: G09 Parts cleaning and paint cleanup
Waste Sequence Number: 3490325
Sequence Number: 1

Comments: A-7 General parts cleaning
Waste Sequence Number: 3490328
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490317
Sequence Number: 8189937
WCDA Code: D007

Waste Sequence Number: 3490317
Sequence Number: 8189938
WCDA Code: F019

Waste Sequence Number: 3490318
Sequence Number: 8189939
WCDA Code: D007

Waste Sequence Number: 3490318

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 8189940
WCDA Code: F019

Waste Sequence Number: 3490319
Sequence Number: 8189941
WCDA Code: D007

Waste Sequence Number: 3490319
Sequence Number: 8189942
WCDA Code: F019

Waste Sequence Number: 3490320
Sequence Number: 8189943
WCDA Code: D007

Waste Sequence Number: 3490321
Sequence Number: 8189944
WCDA Code: D007

Waste Sequence Number: 3490322
Sequence Number: 8189945
WCDA Code: D001

Waste Sequence Number: 3490322
Sequence Number: 8189946
WCDA Code: D035

Waste Sequence Number: 3490322
Sequence Number: 8189947
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 164402
Waste Sequence Number: 3490318
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490319
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490326
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3490317
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3490325
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3490328
Sequence Number: 1
WCDD Code: G09

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3490331
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3490327
Sequence Number:	1
WCDD Code:	G03
Waste Sequence Number:	3490324
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3490323
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	3490332
Sequence Number:	1
WCDD Code:	G07

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,F019
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	156658
Sequence Number:	3420076
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	D
Reported Quanity:	10065
Quanity Unit:	GAL
Kilograms Quanity:	38100.8090
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	ZEP Stripper
CORb Sequence Number:	156658
Sequence Number:	3420627
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	208.201142
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	156658
Sequence Number:	3420079
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1925
Quanity Unit:	GAL
Kilograms Quanity:	7287.03999
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	156658
Sequence Number:	3420080
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5226
Quanity Unit:	GAL
Kilograms Quanity:	19782.8940
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Spent Acid Anodizing Solution
CORb Sequence Number:	156658
Sequence Number:	3420077
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3025
Quanity Unit:	GAL
Kilograms Quanity:	11451.0628
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	156658
Sequence Number:	3420078
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	275
Quanity Unit:	GAL
Kilograms Quanity:	1041.00571

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	156658
Sequence Number:	3420081
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5226
Quanity Unit:	GAL
Kilograms Quanity:	19782.8940
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	156658
Sequence Number:	3420074
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	4235
Quanity Unit:	GAL
Kilograms Quanity:	16031.4879
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	156658
Sequence Number:	3420085
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Alodine 1500
CORb Sequence Number:	156658
Sequence Number:	3420621
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	990
Quanity Unit:	GAL
Kilograms Quanity:	3747.62056
Density Number:	1
Density Quanity:	SPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	156658
Sequence Number:	3420073
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1925
Quanity Unit:	GAL
Kilograms Quanity:	7287.03999
Density Number:	1
Density Quanity:	SPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipments Send:

CORB Waste Sequence Number:	156658
Waste Sequence Number:	3420074
Sequence Number:	2014344
Shipment Date:	2016-02-04 00:00:00
Mainfest Document ID:	008920739FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2290.21256
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420073
Sequence Number:	2014365
Shipment Date:	2016-04-14 00:00:00
Mainfest Document ID:	009467852FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	2082.01142
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420077
Sequence Number:	2007435
Shipment Date:	2016-07-07 00:00:00
Mainfest Document ID:	009418949FLE
Reported Quanity:	715
Unit of Measure:	GAL
Kilograms Quanity:	2706.61485
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420076
Sequence Number:	2017892
Shipment Date:	2016-08-25 00:00:00
Mainfest Document ID:	009419397FLE
Reported Quanity:	385
Unit of Measure:	GAL
Kilograms Quanity:	1457.40799
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082
Sequence Number:	2008183
Shipment Date:	2016-03-10 00:00:00
Mainfest Document ID:	009467472FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420075
Sequence Number:	2017948
Shipment Date:	2016-07-14 00:00:00
Mainfest Document ID:	009419011FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3420082

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2008188
Shipment Date:	2016-09-15 00:00:00
Mainfest Document ID:	009452538FLE
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3420076
Sequence Number:	2017854
Shipment Date:	2016-06-16 00:00:00
Mainfest Document ID:	009469318FLE
Reported Quanity:	330
Unit of Measure:	GAL
Kilograms Quanity:	1249.20685
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3420076
Sequence Number:	2017903
Shipment Date:	2016-11-10 00:00:00
Mainfest Document ID:	016562536JJK
Reported Quanity:	330
Unit of Measure:	GAL
Kilograms Quanity:	1249.20685
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3420082
Sequence Number:	2008187
Shipment Date:	2016-08-11 00:00:00
Mainfest Document ID:	009419246FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3420075
Sequence Number:	2017915
Shipment Date:	2016-02-04 00:00:00
Mainfest Document ID:	008920739FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156658
Waste Sequence Number:	3420074
Sequence Number:	917191
Received EPAID:	IDD073114654
Managed Quanity:	4235
Kilogram Quanity:	16031.4879
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3420085
Sequence Number:	913325
Received EPAID:	IDD073114654

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420627
Sequence Number:	913288
Received EPAID:	IND000646943
Managed Quanity:	55
Kilogram Quanity:	208.201142
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3420073
Sequence Number:	917193
Received EPAID:	IDD073114654
Managed Quanity:	1925
Kilogram Quanity:	7287.03999
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420643
Sequence Number:	913285
Received EPAID:	IDD073114654
Managed Quanity:	45
Kilogram Quanity:	170.346389
Recycled Percentage:	0
Waste Management System Code:	H131
Waste Sequence Number:	3420075
Sequence Number:	919164
Received EPAID:	IDD073114654
Managed Quanity:	9300
Kilogram Quanity:	4218.48007
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420082
Sequence Number:	913716
Received EPAID:	IDD073114654
Managed Quanity:	2550
Kilogram Quanity:	1156.68001
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3420084
Sequence Number:	917201
Received EPAID:	IND000646943
Managed Quanity:	3640
Kilogram Quanity:	1651.10402
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3420076
Sequence Number:	919137
Received EPAID:	IDD073114654
Managed Quanity:	10065

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity: 38100.8090
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3420077
Sequence Number: 913316
Received EPAID: IDD073114654
Managed Quanity: 3025
Kilogram Quanity: 11451.0628
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3420078
Sequence Number: 913303
Received EPAID: KSD980633259
Managed Quanity: 275
Kilogram Quanity: 1041.00571
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 156658
Comments: A-7. General parts cleaning.
Waste Sequence Number: 3420078
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3420080
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3420081
Sequence Number: 1

Comments: G09 - Parts cleaning and paint cleanup.
Waste Sequence Number: 3420084
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 156658
Waste Sequence Number: 3420621
Sequence Number: 7939318
WCDA Code: D002

Waste Sequence Number: 3420621
Sequence Number: 7939319
WCDA Code: D007

Waste Sequence Number: 3420627
Sequence Number: 7939236
WCDA Code: D002

Waste Sequence Number: 3420627
Sequence Number: 7939237
WCDA Code: F002

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 3420076
Sequence Number: 7977154
WCDA Code: D007

Waste Sequence Number: 3420076
Sequence Number: 7977155
WCDA Code: F019

Waste Sequence Number: 3420073
Sequence Number: 7962664
WCDA Code: D002

Waste Sequence Number: 3420073
Sequence Number: 7962665
WCDA Code: D007

Waste Sequence Number: 3420075
Sequence Number: 7977354
WCDA Code: D007

Waste Sequence Number: 3420082
Sequence Number: 7940041
WCDA Code: D007

Waste Sequence Number: 3420084
Sequence Number: 7962709
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 156658
Waste Sequence Number: 3420077
Sequence Number: 1
WCDD Code: G03

Waste Sequence Number: 3420627
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3420073
Sequence Number: 1
WCDD Code: G04

Waste Sequence Number: 3420074
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3420643
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3420075
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3420079
Sequence Number: 1
WCDD Code: G06

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3420082
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3420621
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3420078
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3420084
Sequence Number:	1
WCDD Code:	G09

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	150281
Sequence Number:	3339897
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	5445
Quanity Unit:	GAL
Kilograms Quanity:	20598.5660

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	150281
Sequence Number:	3339899
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10175
Quanity Unit:	GAL
Kilograms Quanity:	52338.4101
Density Number:	11.34
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	150281
Sequence Number:	3339901
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	416.132647
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDB Code:	W103
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	150281
Sequence Number:	3339900
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2805
Quanity Unit:	GAL
Kilograms Quanity:	10611.3825
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	150281
Sequence Number:	3339902
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1760
Quanity Unit:	GAL
Kilograms Quanity:	6658.12235
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	OAKITE 160
CORb Sequence Number:	150281
Sequence Number:	3339894
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2915
Quanity Unit:	GAL
Kilograms Quanity:	11027.5151
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Alodine 1200S
CORb Sequence Number:	150281
Sequence Number:	3350554
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	208.066323
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	150281
Sequence Number:	3339907
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4602
Quanity Unit:	GAL
Kilograms Quanity:	17409.4767
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	Waste Water Treatment Filters
CORb Sequence Number:	150281
Sequence Number:	3355013

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	995
Quanity Unit:	LB
Kilograms Quanity:	451.332007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	150281
Sequence Number:	3339906
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4602
Quanity Unit:	GAL
Kilograms Quanity:	17409.4767
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	150281
Sequence Number:	3339898
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7750
Quanity Unit:	LB
Kilograms Quanity:	3515.40006
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	150281
Waste Sequence Number:	3339906
Sequence Number:	1892914
Shipment Date:	2015-07-02 00:00:00

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mainfest Document ID:	010352350JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892916
Shipment Date:	2015-07-30 00:00:00
Mainfest Document ID:	010352358JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892905
Shipment Date:	2015-03-12 00:00:00
Mainfest Document ID:	010352315JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892907
Shipment Date:	2015-04-09 00:00:00
Mainfest Document ID:	010352329JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892911
Shipment Date:	2015-05-21 00:00:00
Mainfest Document ID:	010352340JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892909
Shipment Date:	2015-05-07 00:00:00
Mainfest Document ID:	010352338JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892926
Shipment Date:	2015-12-16 00:00:00
Mainfest Document ID:	010352396JJK
Reported Quanity:	234
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892906
Shipment Date:	2015-03-26 00:00:00
Mainfest Document ID:	010352325JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892924
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	010352391JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	885.227631
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892904
Shipment Date:	2015-02-26 00:00:00
Mainfest Document ID:	010352314JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478
Waste Sequence Number:	3339906
Sequence Number:	1892917
Shipment Date:	2015-08-13 00:00:00
Mainfest Document ID:	010352360JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	590.151754
Receiving EPAID:	MND981098478

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	150281
Waste Sequence Number:	3339898
Sequence Number:	865910
Received EPAID:	IDD073114654
Managed Quanity:	7750
Kilogram Quanity:	3515.40006
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3350524
Sequence Number:	865920
Received EPAID:	IDD073114654
Managed Quanity:	4100
Kilogram Quanity:	1859.76003
Recycled Percentage:	0
Waste Management System Code:	H132

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3355006
Sequence Number:	867573
Received EPAID:	KSD980633259
Managed Quanity:	1465
Kilogram Quanity:	664.524011
Recycled Percentage:	10
Waste Management System Code:	H141

Waste Sequence Number:	3339897
Sequence Number:	865953
Received EPAID:	IDD073114654
Managed Quanity:	5445
Kilogram Quanity:	20598.5660
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339894
Sequence Number:	865954
Received EPAID:	IDD073114654
Managed Quanity:	2915
Kilogram Quanity:	11027.5151
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3350554
Sequence Number:	865958
Received EPAID:	IDD073114654
Managed Quanity:	55
Kilogram Quanity:	208.066323
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339901
Sequence Number:	865956
Received EPAID:	KSD980633259
Managed Quanity:	110
Kilogram Quanity:	416.132647
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3339899
Sequence Number:	867602
Received EPAID:	IDD073114654
Managed Quanity:	10175
Kilogram Quanity:	52338.4101
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339900
Sequence Number:	867533
Received EPAID:	IDD073114654
Managed Quanity:	2805
Kilogram Quanity:	10611.3825
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339902

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 867576
Received EPAID: KSD980633259
Managed Quanity: 1760
Kilogram Quanity: 6658.12235
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3339907
Sequence Number: 867596
Received EPAID: MND981098478
Managed Quanity: 4602
Kilogram Quanity: 17409.4767
Recycled Percentage: 0
Waste Management System Code: H129

Waste Stream Comments:
CORB Waste Sequence Number: 150281
Comments: A-7. General parts cleaning.
Waste Sequence Number: 3339901
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3339906
Sequence Number: 1

Comments: A-9 Used to recycle waste rinse water
Waste Sequence Number: 3339907
Sequence Number: 1

Comments: G09 - Parts cleaning and paint cleanup.
Waste Sequence Number: 3355006
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 150281
Waste Sequence Number: 3339898
Sequence Number: 7631746
WCDA Code: D007

Waste Sequence Number: 3355013
Sequence Number: 7631800
WCDA Code: D007

Waste Sequence Number: 3355013
Sequence Number: 7631801
WCDA Code: F019

Waste Sequence Number: 3355006
Sequence Number: 7631796
WCDA Code: D035

Waste Sequence Number: 3355006
Sequence Number: 7631797
WCDA Code: F005

Waste Sequence Number: 3339897

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7631751
WCDA Code: D002

Waste Sequence Number: 3339897
Sequence Number: 7631752
WCDA Code: D004

Waste Sequence Number: 3339897
Sequence Number: 7631753
WCDA Code: D006

Waste Sequence Number: 3339897
Sequence Number: 7631754
WCDA Code: D010

Waste Sequence Number: 3339894
Sequence Number: 7631731
WCDA Code: D002

Waste Sequence Number: 3339894
Sequence Number: 7631732
WCDA Code: D007

Waste Stream Source Code:
CORB Waste Sequence Number: 150281
Waste Sequence Number: 3339901
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3339900
Sequence Number: 1
WCDD Code: G03

Waste Sequence Number: 3339897
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3339898
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3339902
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3350524
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3350554
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3339899
Sequence Number: 1
WCDD Code: G14

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3355013
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3355006
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3339894
Sequence Number:	1
WCDD Code:	G04
Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01,WT02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Stephen Lewis
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321, ext 103
Site Contact Email:	stevel@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	147455
Sequence Number:	3339756
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	480
Quanity Unit:	GAL
Kilograms Quanity:	1815.85155
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	147455
Sequence Number:	3339772
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3978
Quanity Unit:	GAL
Kilograms Quanity:	15048.8697
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	147455
Sequence Number:	3339740
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	624.198970
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	147455
Sequence Number:	3339744

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1430
Quanity Unit:	LB
Kilograms Quanity:	648.648011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	147455
Sequence Number:	3339811
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3978
Quanity Unit:	GAL
Kilograms Quanity:	15048.8697
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	147455
Sequence Number:	3301438
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3740
Quanity Unit:	GAL
Kilograms Quanity:	14148.5100
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W519
Description:	Waste water treatment sludge
CORb Sequence Number:	147455
Sequence Number:	3339384
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6380
Quanity Unit:	GAL
Kilograms Quanity:	24135.6935
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	147455
Sequence Number:	3339734
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4620
Quanity Unit:	GAL
Kilograms Quanity:	17477.5711
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	147455
Sequence Number:	3333712
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	4235
Quanity Unit:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	16021.1069
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	147455
Sequence Number:	3338826
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	14475
Quanity Unit:	LB
Kilograms Quanity:	6565.86011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	147455
Sequence Number:	3339764
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	220
Quanity Unit:	GAL
Kilograms Quanity:	832.265294
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	147455
Waste Sequence Number:	3333712
Sequence Number:	1830985
Shipment Date:	2014-06-26 00:00:00
Mainfest Document ID:	006490367FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1817783
Shipment Date:	2014-01-13 00:00:00
Mainfest Document ID:	006489094FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830987
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	007165508FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830983
Shipment Date:	2014-04-29 00:00:00
Mainfest Document ID:	006490995FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1817784
Shipment Date:	2014-03-12 00:00:00
Mainfest Document ID:	006487452FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830988
Shipment Date:	2014-11-11 00:00:00
Mainfest Document ID:	007900953FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712
Sequence Number:	1830986
Shipment Date:	2014-08-15 00:00:00
Mainfest Document ID:	006490550FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2288.72955
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3333712

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	1830984
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	006490332FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	2080.66323
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3339764
Sequence Number:	1838192
Shipment Date:	2014-11-04 00:00:00
Mainfest Document ID:	007900943FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3339764
Sequence Number:	1838191
Shipment Date:	2014-06-04 00:00:00
Mainfest Document ID:	006490206FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3338826
Sequence Number:	1834731
Shipment Date:	2014-05-21 00:00:00
Mainfest Document ID:	007165183FLE
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147455
Waste Sequence Number:	3333712
Sequence Number:	854011
Received EPAID:	IDD073114654
Managed Quanity:	4235
Kilogram Quanity:	16021.1069
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339764
Sequence Number:	853910
Received EPAID:	IDD073114654
Managed Quanity:	220
Kilogram Quanity:	832.265294
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3338826
Sequence Number:	854014
Received EPAID:	IDD073114654
Managed Quanity:	14475

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	6565.86011
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339734
Sequence Number:	854039
Received EPAID:	IDD073114654
Managed Quanity:	4620
Kilogram Quanity:	17477.5711
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339772
Sequence Number:	853961
Received EPAID:	MND981098478
Managed Quanity:	3978
Kilogram Quanity:	15048.8697
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3339740
Sequence Number:	853884
Received EPAID:	KSD980633259
Managed Quanity:	165
Kilogram Quanity:	624.198970
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3301438
Sequence Number:	854010
Received EPAID:	IDD073114654
Managed Quanity:	3740
Kilogram Quanity:	14148.5100
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339811
Sequence Number:	854007
Received EPAID:	MND981098478
Managed Quanity:	3978
Kilogram Quanity:	15048.8697
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	3339744
Sequence Number:	854040
Received EPAID:	KSD980633259
Managed Quanity:	1430
Kilogram Quanity:	648.648011
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339384
Sequence Number:	854026
Received EPAID:	IDD073114654
Managed Quanity:	6380
Kilogram Quanity:	24135.6935

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339756
Sequence Number: 853899
Received EPAID: IDD073114654
Managed Quanity: 480
Kilogram Quanity: 1815.85155
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 147455
Comments: A-8 Sludge from Recycle of rinse waters
Waste Sequence Number: 3339384
Sequence Number: 1

Comments: A-7 Used to clean parts
Waste Sequence Number: 3339740
Sequence Number: 1

Comments: B-4ii Used to filter Recycled water
Waste Sequence Number: 3339772
Sequence Number: 1

Comments: B-4ii Used to recycle waste rinse water
Waste Sequence Number: 3339811
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 147455
Waste Sequence Number: 3333712
Sequence Number: 7565104
WCDA Code: D002

Waste Sequence Number: 3333712
Sequence Number: 7565105
WCDA Code: D004

Waste Sequence Number: 3333712
Sequence Number: 7565106
WCDA Code: D006

Waste Sequence Number: 3333712
Sequence Number: 7565107
WCDA Code: D010

Waste Sequence Number: 3339756
Sequence Number: 7563655
WCDA Code: D002

Waste Sequence Number: 3339756
Sequence Number: 7563656
WCDA Code: D007

Waste Sequence Number: 3339772

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 7564509
WCDA Code: D007

Waste Sequence Number: 3339772
Sequence Number: 7564510
WCDA Code: F019

Waste Sequence Number: 3339384
Sequence Number: 7565201
WCDA Code: D002

Waste Sequence Number: 3339740
Sequence Number: 7563516
WCDA Code: D001

Waste Sequence Number: 3339740
Sequence Number: 7563517
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 147455
Waste Sequence Number: 3339740
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3339756
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3339764
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 3301438
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339384
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339734
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3339772
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3339811
Sequence Number: 1
WCDD Code: G25

Waste Sequence Number: 3333712
Sequence Number: 1
WCDD Code: G07

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3338826
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	3339744
Sequence Number:	1
WCDD Code:	G06
Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01 WT02
Federal Waste Code Desc:	D001 D002 D004 D006 D007 D010 D011 D035 F003 F005 F019
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	136662
Sequence Number:	3217997
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3245
Quanity Unit:	GAL
Kilograms Quanity:	12275.9130
Density Number:	8.33999999
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101
Description:	ARDROX 6333
CORb Sequence Number:	136662
Sequence Number:	3218004
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	917
Quanity Unit:	LB
Kilograms Quanity:	415.951207
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	136662
Sequence Number:	3218088
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL
Kilograms Quanity:	1456.46426
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	136662
Sequence Number:	3217993
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	416.132647
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	136662
Sequence Number:	2662593
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15910
Quanity Unit:	LB
Kilograms Quanity:	7216.77612
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	136662
Sequence Number:	2662594
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10545
Quanity Unit:	LB
Kilograms Quanity:	4783.21208
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	136662
Sequence Number:	2662595
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2238
Quanity Unit:	LB
Kilograms Quanity:	1015.15681
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	136662
Sequence Number:	3217999
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	750
Quanity Unit:	LB
Kilograms Quanity:	340.200005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric/Sulfuric Acid Solution
CORb Sequence Number:	136662
Sequence Number:	3218001
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	18726
Quanity Unit:	LB
Kilograms Quanity:	8494.11374
Density Number:	0
Density Quanity:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	136662
Sequence Number:	3218002
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1833
Quanity Unit:	LB
Kilograms Quanity:	831.448814
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	136662
Sequence Number:	3217994
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3276
Quanity Unit:	GAL
Kilograms Quanity:	12393.1868
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	136662
Waste Sequence Number:	2662593
Sequence Number:	1585558
Shipment Date:	2013-09-18 00:00:00
Mainfest Document ID:	006488626FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1585560

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipment Date:	2013-11-25 00:00:00
Mainfest Document ID:	006488969FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1585557
Shipment Date:	2013-04-17 00:00:00
Mainfest Document ID:	005093819FLE
Reported Quanity:	612
Unit of Measure:	LB
Kilograms Quanity:	277.603204
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1343704
Shipment Date:	2013-01-22 00:00:00
Mainfest Document ID:	004531997FLE
Reported Quanity:	6732
Unit of Measure:	LB
Kilograms Quanity:	3053.63525
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1585559
Shipment Date:	2013-11-08 00:00:00
Mainfest Document ID:	006488837FLE
Reported Quanity:	3672
Unit of Measure:	LB
Kilograms Quanity:	1665.61922
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662593
Sequence Number:	1585380
Shipment Date:	2013-08-14 00:00:00
Mainfest Document ID:	005095233FLE
Reported Quanity:	3670
Unit of Measure:	LB
Kilograms Quanity:	1664.71202
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662594
Sequence Number:	1585567
Shipment Date:	2013-11-25 00:00:00
Mainfest Document ID:	006488969FLE
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.400001
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2662594
Sequence Number:	1587128
Shipment Date:	2013-12-30 00:00:00
Mainfest Document ID:	006489062FLE
Reported Quanity:	450

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Unit of Measure:	LB
Kilograms Quanity:	204.120003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2662594
Sequence Number:	1585370
Shipment Date:	2013-08-29 00:00:00
Mainfest Document ID:	005095309FLE
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3217993
Sequence Number:	1585319
Shipment Date:	2013-02-27 00:00:00
Mainfest Document ID:	011040388JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD980976906
Waste Sequence Number:	3217993
Sequence Number:	1585552
Shipment Date:	2013-11-05 00:00:00
Mainfest Document ID:	011040418JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD980976906

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136662
Waste Sequence Number:	2662593
Sequence Number:	772411
Received EPAID:	IDD073114654
Managed Quanity:	15910
Kilogram Quanity:	7216.77612
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2662594
Sequence Number:	773876
Received EPAID:	IDD073114654
Managed Quanity:	10545
Kilogram Quanity:	4783.21208
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2662595
Sequence Number:	773878
Received EPAID:	KSD980633259
Managed Quanity:	2238
Kilogram Quanity:	1015.15681
Recycled Percentage:	78
Waste Management System Code:	H141

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	3217999
Sequence Number:	773883
Received EPAID:	IDD073114654
Managed Quanity:	750
Kilogram Quanity:	340.200005
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3218001
Sequence Number:	773884
Received EPAID:	IDD073114654
Managed Quanity:	18726
Kilogram Quanity:	8494.11374
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3218002
Sequence Number:	773885
Received EPAID:	KSD980633259
Managed Quanity:	1833
Kilogram Quanity:	831.448814
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3217994
Sequence Number:	773879
Received EPAID:	MND981098478
Managed Quanity:	3276
Kilogram Quanity:	12393.1868
Recycled Percentage:	0
Waste Management System Code:	H129

Waste Sequence Number:	3217996
Sequence Number:	773880
Received EPAID:	MND981098478
Managed Quanity:	3276
Kilogram Quanity:	12393.1868
Recycled Percentage:	0
Waste Management System Code:	H129

Waste Sequence Number:	3218003
Sequence Number:	773887
Received EPAID:	KSD980633259
Managed Quanity:	5565
Kilogram Quanity:	21052.5289
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3218089
Sequence Number:	773892
Received EPAID:	IDD073114654
Managed Quanity:	550
Kilogram Quanity:	2080.66323
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3217998

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number: 773882
Received EPAID: IDD073114654
Managed Quanity: 14350
Kilogram Quanity: 6509.16011
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 136662
Comments: A-9a Ion Exchange resins returned to contractor for regeneration for reuse.
Waste Sequence Number: 3217994
Sequence Number: 1

Comments: A-9a Ion Exchange resins returned to contractor for regeneration for reuse.
Waste Sequence Number: 3217996
Sequence Number: 1

Comments: A.7 VAD7148 MEK WASTE is used to clean oils and grime from parts
Waste Sequence Number: 3218002
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136662
Waste Sequence Number: 3218088
Sequence Number: 7110172
WCDA Code: D002

Waste Sequence Number: 3218088
Sequence Number: 7110173
WCDA Code: D007

Waste Sequence Number: 2662593
Sequence Number: 7118300
WCDA Code: D002

Waste Sequence Number: 2662595
Sequence Number: 7118122
WCDA Code: D035

Waste Sequence Number: 2662595
Sequence Number: 7118123
WCDA Code: F005

Waste Sequence Number: 3217999
Sequence Number: 7110096
WCDA Code: D007

Waste Sequence Number: 3217999
Sequence Number: 7110097
WCDA Code: F019

Waste Sequence Number: 3218001
Sequence Number: 7110104
WCDA Code: D002

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 3218001
Sequence Number: 7110105
WCDA Code: D007

Waste Sequence Number: 3218002
Sequence Number: 7118101
WCDA Code: D001

Waste Sequence Number: 3218002
Sequence Number: 7118102
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 136662
Waste Sequence Number: 3218089
Sequence Number: 1
WCDD Code: G05

Waste Sequence Number: 3217999
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3218003
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2662595
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3217997
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3217998
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 3218002
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3218088
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2662593
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3217993
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3218001
Sequence Number: 1
WCDD Code: G08

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01 WT02
Federal Waste Code Desc:	D001 D002 D004 D006 D007 D010 D011 D035 F003 F005 F019
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	134401
Sequence Number:	2656447
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1976
Quanity Unit:	GAL
Kilograms Quanity:	7466.29241
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	134401
Sequence Number:	2656449

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	2078.16843
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	134401
Sequence Number:	2656456
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	635
Quanity Unit:	GAL
Kilograms Quanity:	2399.33992
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Nitric Acid /Sodium Dichromate Solution
CORb Sequence Number:	134401
Sequence Number:	2656465
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	415.633687
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	134401
Sequence Number:	2656467
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	623.450530
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	134401
Sequence Number:	2656942
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	3117
Quanity Unit:	GAL
Kilograms Quanity:	11777.5472
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	134401
Sequence Number:	2656974
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	1454.71790
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	134401
Sequence Number:	2657144
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	207.816843
Density Number:	8.33000000
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	134401
Sequence Number:	2656445
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	9280
Quanity Unit:	LB
Kilograms Quanity:	4209.40807
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	134401
Sequence Number:	2656446
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2479.63999
Quanity Unit:	LB
Kilograms Quanity:	1124.76472
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	134401
Sequence Number:	2656944
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1210
Quanity Unit:	GAL
Kilograms Quanity:	4571.97055
Density Number:	8.33000000
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	134401
Waste Sequence Number:	2656448
Sequence Number:	1324450
Shipment Date:	2012-02-03 00:00:00
Mainfest Document ID:	006449273JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326095
Shipment Date:	2012-07-19 00:00:00
Mainfest Document ID:	006449292JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326713

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	006449320JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326938
Shipment Date:	2012-11-21 00:00:00
Mainfest Document ID:	006449321JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1325856
Shipment Date:	2012-04-26 00:00:00
Mainfest Document ID:	006449277JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1325301
Shipment Date:	2012-04-09 00:00:00
Mainfest Document ID:	006449276JJK
Reported Quanity:	78
Unit of Measure:	GAL
Kilograms Quanity:	294.722069
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326252
Shipment Date:	2012-08-30 00:00:00
Mainfest Document ID:	006449294JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	589.444138
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326232
Shipment Date:	2012-08-09 00:00:00
Mainfest Document ID:	006449293JJK
Reported Quanity:	234
Unit of Measure:	GAL
Kilograms Quanity:	884.166207
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326063
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	006449291JJK
Reported Quanity:	234

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Unit of Measure:	GAL
Kilograms Quanity:	884.166207
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1326507
Shipment Date:	2012-10-11 00:00:00
Mainfest Document ID:	006449319JJK
Reported Quanity:	156
Unit of Measure:	GAL
Kilograms Quanity:	589.444138
Receiving EPAID:	ILD982612798
Waste Sequence Number:	2656448
Sequence Number:	1324461
Shipment Date:	2012-03-15 00:00:00
Mainfest Document ID:	006449275JJK
Reported Quanity:	130
Unit of Measure:	GAL
Kilograms Quanity:	491.203448
Receiving EPAID:	ILD982612798

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	134401
Waste Sequence Number:	2656447
Sequence Number:	688608
Received EPAID:	ILD982612798
Managed Quanity:	1976
Kilogram Quanity:	7466.29241
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	2656449
Sequence Number:	682974
Received EPAID:	KSD980633259
Managed Quanity:	550
Kilogram Quanity:	2078.16843
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2656456
Sequence Number:	656759
Received EPAID:	KSD980633259
Managed Quanity:	635
Kilogram Quanity:	2399.33992
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2656465
Sequence Number:	688609
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	415.633687
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656467

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	654568
Received EPAID:	IDD073114654
Managed Quanity:	165
Kilogram Quanity:	623.450530
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656942
Sequence Number:	655060
Received EPAID:	IDD073114654
Managed Quanity:	3117
Kilogram Quanity:	11777.5472
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656974
Sequence Number:	655061
Received EPAID:	IDD073114654
Managed Quanity:	385
Kilogram Quanity:	1454.71790
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2657144
Sequence Number:	654432
Received EPAID:	WAD980976906
Managed Quanity:	55
Kilogram Quanity:	207.816843
Recycled Percentage:	97
Waste Management System Code:	H010
Waste Sequence Number:	2656944
Sequence Number:	654694
Received EPAID:	IDD073114654
Managed Quanity:	1210
Kilogram Quanity:	4571.97055
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656445
Sequence Number:	655062
Received EPAID:	IDD073114654
Managed Quanity:	9280
Kilogram Quanity:	4209.40807
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2656446
Sequence Number:	682957
Received EPAID:	KSD980633259
Managed Quanity:	2479.63999
Kilogram Quanity:	1124.76472
Recycled Percentage:	78
Waste Management System Code:	H141

Waste Stream Comments:

CORB Waste Sequence Number:	134401

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Comments: A-9a canisters where waste water flow through resins & clears out all contaminants, canisters are sent back to seimens where resins are changed out so that canisters may be reused.
Waste Sequence Number: 2656447
Sequence Number: 1

Comments: A-9a canisters where waste water flow through resins & clears out all contaminants, canisters are sent back to seimens where resins are changed out so that canisters may be reused.
Waste Sequence Number: 2656448
Sequence Number: 1

Comments: A.7 VAD7148 MEK WASTE is used to clean oils & grime from parts.
Waste Sequence Number: 2656449
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 134401
Waste Sequence Number: 2656943
Sequence Number: 6053873
WCDA Code: D001

Waste Sequence Number: 2656943
Sequence Number: 6053874
WCDA Code: D002

Waste Sequence Number: 2656943
Sequence Number: 6053875
WCDA Code: D009

Waste Sequence Number: 2656944
Sequence Number: 6026155
WCDA Code: D002

Waste Sequence Number: 2656448
Sequence Number: 6053815
WCDA Code: D007

Waste Sequence Number: 2656448
Sequence Number: 6053816
WCDA Code: F019

Waste Sequence Number: 2656466
Sequence Number: 6025971
WCDA Code: D002

Waste Sequence Number: 2656466
Sequence Number: 6025972
WCDA Code: D007

Waste Sequence Number: 2656942
Sequence Number: 6026089
WCDA Code: D002

Waste Sequence Number: 2656942
Sequence Number: 6026090
WCDA Code: D004

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2656942
Sequence Number: 6026091
WCDA Code: D006

Waste Stream Source Code:
CORB Waste Sequence Number: 134401
Waste Sequence Number: 2656445
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656456
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656467
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2656446
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656942
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656943
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656974
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2656465
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 2656449
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2656466
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2656944
Sequence Number: 1
WCDD Code: G08

Name: PM TESTING LAB INC PACIFIC HWY
Address: 3921 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility Address 2: Not reported
Facility ID: 98132319
EPA ID: WAH000006213

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

NAICS:	541990
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	125782
Sequence Number:	2149791
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2496
Quanity Unit:	GAL
Kilograms Quanity:	9431.10621
Density Number:	8.33000000
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	125782
Sequence Number:	2495603
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	385
Quanity Unit:	LB
Kilograms Quanity:	174.636003
Density Number:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Wastewater treatment filters
CORb Sequence Number:	125782
Sequence Number:	2501519
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	LB
Kilograms Quanity:	49.8960008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	DEOXIDIZER LNC
CORb Sequence Number:	125782
Sequence Number:	2501520
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	1265
Quanity Unit:	GAL
Kilograms Quanity:	4303.53007
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W101

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Description:	ARDROX 6333
CORb Sequence Number:	125782
Sequence Number:	2501521
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK
CORb Sequence Number:	125782
Sequence Number:	2153026
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	615
Quanity Unit:	GAL
Kilograms Quanity:	2092.23003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W107
Description:	Boric Acid Solution
CORb Sequence Number:	125782
Sequence Number:	2501005
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1475
Quanity Unit:	GAL
Kilograms Quanity:	5017.95008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Sulfuric/Dichromate Solution
CORb Sequence Number:	125782
Sequence Number:	2501466
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	45
Quanity Unit:	LB
Kilograms Quanity:	20.4120003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	125782
Sequence Number:	2527970
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	207
Quanity Unit:	GAL
Kilograms Quanity:	704.214012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Booth Filters
CORb Sequence Number:	125782
Sequence Number:	2153024
Mixed Radioactive Flag:	False

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Designation Code:	D
Reported Quanity:	11200
Quanity Unit:	LB
Kilograms Quanity:	5080.32008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Waste Water Treatment Sludge
CORb Sequence Number:	125782
Sequence Number:	2153025
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	825
Quanity Unit:	GAL
Kilograms Quanity:	2806.65004
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	125782
Waste Sequence Number:	2495599
Sequence Number:	1155597
Shipment Date:	2011-02-18 00:00:00
Mainfest Document ID:	006908325JJK
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	561.330009
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495599
Sequence Number:	1169952
Shipment Date:	2011-09-20 00:00:00
Mainfest Document ID:	004205042FLE
Reported Quanity:	220
Unit of Measure:	GAL
Kilograms Quanity:	748.440012
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2495599
Sequence Number:	1169446
Shipment Date:	2011-05-11 00:00:00
Mainfest Document ID:	002538629JJK
Reported Quanity:	275
Unit of Measure:	GAL
Kilograms Quanity:	935.550016
Receiving EPAID:	IDD073114654

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2495599
Sequence Number:	1170661
Shipment Date:	2011-11-09 00:00:00
Mainfest Document ID:	004205234FLE
Reported Quanity:	605
Unit of Measure:	GAL
Kilograms Quanity:	2058.21003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2495601
Sequence Number:	1169797
Shipment Date:	2011-07-20 00:00:00
Mainfest Document ID:	002538868JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Sequence Number:	2495601
Sequence Number:	1170662
Shipment Date:	2011-11-09 00:00:00
Mainfest Document ID:	004205233FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Sequence Number:	2495601
Sequence Number:	1155601
Shipment Date:	2011-02-18 00:00:00
Mainfest Document ID:	006908324JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Sequence Number:	2495601
Sequence Number:	1169448
Shipment Date:	2011-05-11 00:00:00
Mainfest Document ID:	002538628JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Sequence Number:	2495601
Sequence Number:	1169632
Shipment Date:	2011-06-23 00:00:00
Mainfest Document ID:	002538798JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Sequence Number:	2495601
Sequence Number:	1169800
Shipment Date:	2011-08-24 00:00:00

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mainfest Document ID:	004205001FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2495601
Sequence Number:	1170668
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004205124FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	KSD980633259

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	125782
Waste Sequence Number:	2501520
Sequence Number:	652734
Received EPAID:	IDD073114654
Managed Quanity:	1265
Kilogram Quanity:	4303.53007
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2501521
Sequence Number:	652735
Received EPAID:	IDD073114654
Managed Quanity:	55
Kilogram Quanity:	187.110003
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2149791
Sequence Number:	652709
Received EPAID:	MND981098478
Managed Quanity:	2496
Kilogram Quanity:	9431.10621
Recycled Percentage:	0
Waste Management System Code:	H129
Waste Sequence Number:	2495603
Sequence Number:	595796
Received EPAID:	KSD980633259
Managed Quanity:	385
Kilogram Quanity:	174.636003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2501519
Sequence Number:	595367
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	49.8960008
Recycled Percentage:	0
Waste Management System Code:	H132

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2153026
Sequence Number: 616244
Received EPAID: KSD980633259
Managed Quanity: 615
Kilogram Quanity: 2092.23003
Recycled Percentage: 95
Waste Management System Code: H020

Waste Sequence Number: 2501005
Sequence Number: 595370
Received EPAID: IDD073114654
Managed Quanity: 1475
Kilogram Quanity: 5017.95008
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2527970
Sequence Number: 652744
Received EPAID: WAD981769110
Managed Quanity: 207
Kilogram Quanity: 704.214012
Recycled Percentage: 85
Waste Management System Code: H020

Waste Sequence Number: 2501466
Sequence Number: 595041
Received EPAID: IDD073114654
Managed Quanity: 45
Kilogram Quanity: 20.4120003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2153025
Sequence Number: 595789
Received EPAID: IDD073114654
Managed Quanity: 220
Kilogram Quanity: 748.440012
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2153025
Sequence Number: 595790
Received EPAID: MND981098478
Managed Quanity: 605
Kilogram Quanity: 2058.21003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 125782
Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.

Waste Sequence Number: 2149791
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2149792
Sequence Number: 1

Comments: A-7 used to clean parts.
Waste Sequence Number: 2153026
Sequence Number: 1

Comments: A-7 Was a one time process for a customer.
Waste Sequence Number: 2501466
Sequence Number: 1

Comments: A-7 used to clean parts.
Waste Sequence Number: 2527970
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 125782
Waste Sequence Number: 2149792
Sequence Number: 5861486
WCDA Code: D007

Waste Sequence Number: 2149792
Sequence Number: 5861487
WCDA Code: F019

Waste Sequence Number: 2501601
Sequence Number: 5861694
WCDA Code: D011

Waste Sequence Number: 2495599
Sequence Number: 5861594
WCDA Code: D002

Waste Sequence Number: 2495601
Sequence Number: 5861597
WCDA Code: D001

Waste Sequence Number: 2495601
Sequence Number: 5861598
WCDA Code: D035

Waste Sequence Number: 2495601
Sequence Number: 5861599
WCDA Code: F003

Waste Sequence Number: 2495601
Sequence Number: 5861600
WCDA Code: F005

Waste Sequence Number: 2153026
Sequence Number: 5861581
WCDA Code: D001

Waste Sequence Number: 2153026
Sequence Number: 5861582
WCDA Code: D007

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2153026
Sequence Number:	5861583
WCDA Code:	F005

Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT01, WT02
Federal Waste Code Desc:	D001, D002,D010,D007,D004,D011,D035,F002,F019
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie
Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	120051
Sequence Number:	2009483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	49
Quanity Unit:	GAL
Kilograms Quanity:	166.69800286720567
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Paint Filters
CORb Sequence Number:	120051
Sequence Number:	2009485
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1500
Quanity Unit:	LB
Kilograms Quanity:	680.40001170288019
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	120051
Sequence Number:	2058587
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	1871.1000321829206
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	WASTE WATER TREATMENT SLUDGE
CORb Sequence Number:	120051
Sequence Number:	2144453
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.22000643658413
Density Number:	7.5
Density Quanity:	PPG

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	PAINT FILTERS CONTAMINATED WITH CHROMIUM
CORb Sequence Number:	120051
Sequence Number:	2144589
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5155
Quanity Unit:	LB
Kilograms Quanity:	2338.3080402188984
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	120051
Sequence Number:	2144678
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1083
Quanity Unit:	LB
Kilograms Quanity:	491.24880844947955
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Potassium Permanganate
CORb Sequence Number:	120051

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	2144680
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	5
Quanity Unit:	GAL
Kilograms Quanity:	18.892440324949973
Density Number:	8.3300000000000001
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	ZEP STRIPPER
CORb Sequence Number:	120051
Sequence Number:	2144814
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	CATION EXCHANGE CANISTERS
CORb Sequence Number:	120051
Sequence Number:	2010582
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3042
Quanity Unit:	GAL
Kilograms Quanity:	11494.160693699565
Density Number:	8.3300000000000001
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	H129
WCDH Origin Code:	5
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	120051
Sequence Number:	2010583
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3042
Quanity Unit:	GAL
Kilograms Quanity:	11494.160693699565
Density Number:	8.3300000000000001
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrchloric Acid
CORb Sequence Number:	120051
Sequence Number:	2144682
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	207.81684357444971
Density Number:	8.3300000000000001
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	120051
Waste Sequence Number:	2144678
Sequence Number:	1042111
Shipment Date:	6/9/2010
Mainfest Document ID:	005569161JJK
Reported Quanity:	459
Unit of Measure:	LB
Kilograms Quanity:	208.202403581081
Receiving EPAID:	KSD980633259

Waste Sequence Number:	2017156
Sequence Number:	988152
Shipment Date:	1/26/2010
Mainfest Document ID:	002266687FLE
Reported Quanity:	55
Unit of Measure:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	187.110003218292
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2017156
Sequence Number:	1041215
Shipment Date:	3/11/2010
Mainfest Document ID:	002267029FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001755432
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2144815
Sequence Number:	1041901
Shipment Date:	5/17/2010
Mainfest Document ID:	002570050FLE
Reported Quanity:	660
Unit of Measure:	GAL
Kilograms Quanity:	2245.3200386195
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2144679
Sequence Number:	1041719
Shipment Date:	4/19/2010
Mainfest Document ID:	005569004JJK
Reported Quanity:	5
Unit of Measure:	GAL
Kilograms Quanity:	18.89244032495
Receiving EPAID:	KSD980633259
Waste Sequence Number:	2144681
Sequence Number:	1041721
Shipment Date:	4/19/2010
Mainfest Document ID:	005569005JJK
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	207.81684357445
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2144681
Sequence Number:	1042117
Shipment Date:	6/24/2010
Mainfest Document ID:	005569194JJK
Reported Quanity:	4587
Unit of Measure:	GAL
Kilograms Quanity:	17331.9247541091
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2009484
Sequence Number:	964053
Shipment Date:	1/6/2010
Mainfest Document ID:	002266525FLE
Reported Quanity:	100
Unit of Measure:	LB
Kilograms Quanity:	45.360000780192
Receiving EPAID:	ORD089452353

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2009486
Sequence Number:	1024942
Shipment Date:	2/22/2010
Mainfest Document ID:	002266855FLE
Reported Quanity:	69
Unit of Measure:	LB
Kilograms Quanity:	31.2984005383325
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2009486
Sequence Number:	964057
Shipment Date:	1/6/2010
Mainfest Document ID:	002266523FLE
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008192016
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2144588
Sequence Number:	1042287
Shipment Date:	7/14/2010
Mainfest Document ID:	005569237JJK
Reported Quanity:	385
Unit of Measure:	LB
Kilograms Quanity:	174.636003003739
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120051
Waste Sequence Number:	2058590
Sequence Number:	540809
Received EPAID:	IDD073114654
Managed Quanity:	275
Kilogram Quanity:	935.55001609146029
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2144910
Sequence Number:	592580
Received EPAID:	WAD980976906
Managed Quanity:	110
Kilogram Quanity:	374.22000643658413
Recycled Percentage:	95
Waste Management System Code:	H010

Waste Sequence Number:	2145292
Sequence Number:	592599
Received EPAID:	IDD073114654
Managed Quanity:	330
Kilogram Quanity:	1122.6600193097524
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	2144676
Sequence Number:	535472
Received EPAID:	KSD980633259
Managed Quanity:	320

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	145.15200249661444
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2144677
Sequence Number:	534835
Received EPAID:	KSD980633259
Managed Quanity:	1103
Kilogram Quanity:	500.32080860551793
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2017156
Sequence Number:	592459
Received EPAID:	WAD981769110
Managed Quanity:	85
Kilogram Quanity:	289.17000497372408
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2144815
Sequence Number:	540813
Received EPAID:	IDD073114654
Managed Quanity:	660
Kilogram Quanity:	2245.3200386195049
Recycled Percentage:	0
Waste Management System Code:	H111
Waste Sequence Number:	2144679
Sequence Number:	592474
Received EPAID:	KSD980633259
Managed Quanity:	5
Kilogram Quanity:	18.892440324949973
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2144681
Sequence Number:	592521
Received EPAID:	IDD073114654
Managed Quanity:	4642
Kilogram Quanity:	17539.741597683558
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2009484
Sequence Number:	540830
Received EPAID:	ORD089452353
Managed Quanity:	100
Kilogram Quanity:	45.360000780192017
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2009486
Sequence Number:	541959
Received EPAID:	WAD981769110
Managed Quanity:	174
Kilogram Quanity:	78.926401357534104

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 35
Waste Management System Code: H020

Waste Stream Comments:
CORB Waste Sequence Number: 120051
Comments: A-7 used to clean parts.
Waste Sequence Number: 2009483
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2010582
Sequence Number: 1

Comments: B-4/B-5 ION EXCHANGE RESIN USED TO REMOVE CONTAMINATES FROM CHEMICAL CONVERSION COATING RINSE WATERS.
Waste Sequence Number: 2010583
Sequence Number: 1

Comments: A7 IS METHYL ETHYL KEYTONE (MEK) USED FOR PART CLEANING
Waste Sequence Number: 2144678
Sequence Number: 1

Comments: A-7 = unused chemical/ product disposal
Waste Sequence Number: 2144679
Sequence Number: 1

Comments: A-9= Product no longer in use
Waste Sequence Number: 2144680
Sequence Number: 1

Comments: A-9= Product no longer in use
Waste Sequence Number: 2144682
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 120051
Waste Sequence Number: 2009484
Sequence Number: 5447852
WCDA Code: D007

Waste Sequence Number: 2009484
Sequence Number: 5447853
WCDA Code: F019

Waste Sequence Number: 2009486
Sequence Number: 4714908
WCDA Code: D001

Waste Sequence Number: 2009486
Sequence Number: 4714909
WCDA Code: F003

Waste Sequence Number: 2009486
Sequence Number: 4714910
WCDA Code: F005

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2010582
Sequence Number: 5450629
WCDA Code: D007

Waste Sequence Number: 2010582
Sequence Number: 5450630
WCDA Code: F019

Waste Sequence Number: 2010583
Sequence Number: 5450674
WCDA Code: D007

Waste Sequence Number: 2010583
Sequence Number: 5450675
WCDA Code: F019

Waste Sequence Number: 2017156
Sequence Number: 5448653
WCDA Code: D001

Waste Sequence Number: 2017156
Sequence Number: 5448654
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 120051
Waste Sequence Number: 2010582
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2010583
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2144679
Sequence Number: 1
WCDD Code: G49

Waste Sequence Number: 2144589
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2144676
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2144813
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2144681
Sequence Number: 1
WCDD Code: G05

Waste Sequence Number: 2144814
Sequence Number: 1
WCDD Code: G02

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number:	2009486
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	2144453
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	2144677
Sequence Number:	1
WCDD Code:	G07
Name:	PM TESTING LAB INC PACIFIC HWY
Address:	3921 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	98132319
EPA ID:	WAH000006213
NAICS:	541990
State Waste Code Desc:	WT02,WP02
Federal Waste Code Desc:	D001,D002,D004,D006,D007,D008,D010,D035,F003,F005,F019
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600305426
Business Type:	Not reported
Mail Name:	PM Testing Lab Inc
Mailing Address:	3921 Pacific Hwy E
Mailing City,State,Zip:	TACOMA, WA 98424
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Patrick Murphie
Legal Address:	3921 Pacific Hwy E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424
Legal Phone Number:	(253)922-1321
Legal Effective Date:	09/03/1998
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Patrick Murphie

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Land Address:	3921 Pacific Hwy E
Land City,State,Zip:	TACOMA, WA 98424
Land Phone Number:	(253)922-1321
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Gerald Walden
Operator Address:	3921 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424
Operator Phone Number:	(253)922-1321
Operator Effective Date:	Not reported
Site Contact:	Cory McGraw
Site Contact Address:	3921 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	(253)922-1321
Site Contact Email:	corym@pm-testing.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	NITRIC ACID & SODIUM ACID
CORb Sequence Number:	117142
Sequence Number:	2003487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Dry sweep contaminated with Vacmul 3D oil
CORb Sequence Number:	117142
Sequence Number:	2006129
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.720001560384034
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W505
Description:	SPENT FIXER WITHOUT SILVER
CORb Sequence Number:	117142
Sequence Number:	2000027
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.22000643658413
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	RINSEWATER WITH CHROMIUM
CORb Sequence Number:	117142
Sequence Number:	2004724

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	SPENT PAINT RELATED MATERIAL
CORb Sequence Number:	117142
Sequence Number:	2000006
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	490
Quanity Unit:	GAL
Kilograms Quanity:	1666.9800286720565
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	ANION EXCHANGE CANISTERS
CORb Sequence Number:	117142
Sequence Number:	2000010
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2470
Quanity Unit:	GAL
Kilograms Quanity:	8402.9401445305703
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	MEK RAGS
CORb Sequence Number:	117142
Sequence Number:	2005724
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	301
Quanity Unit:	LB
Kilograms Quanity:	136.53360234837797
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	SLUDGE-OAKITE 160
CORb Sequence Number:	117142
Sequence Number:	2005749
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1100
Quanity Unit:	GAL
Kilograms Quanity:	3742.2000643658412
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W202
Description:	MEK WASTE
CORb Sequence Number:	117142
Sequence Number:	2005917
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	195
Quanity Unit:	GAL

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilograms Quanity:	663.39001141030826
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	MIXED BED EXCHANGE CANISTERS
CORb Sequence Number:	117142
Sequence Number:	2005752
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	52
Quanity Unit:	GAL
Kilograms Quanity:	176.90400304274885
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	ALODINE 1200S AND ALODINE 1500
CORb Sequence Number:	117142
Sequence Number:	2007091
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.11000321829206
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	117142
Waste Sequence Number:	2000004
Sequence Number:	945874
Shipment Date:	1/19/2009
Mainfest Document ID:	002266373FLE
Reported Quanity:	635
Unit of Measure:	GAL
Kilograms Quanity:	2160.27003715664

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005751
Sequence Number:	960321
Shipment Date:	9/23/2009
Mainfest Document ID:	002569703FLE
Reported Quanity:	440
Unit of Measure:	GAL
Kilograms Quanity:	1496.88002574634
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005752
Sequence Number:	959014
Shipment Date:	4/15/2009
Mainfest Document ID:	003554327JJK
Reported Quanity:	52
Unit of Measure:	GAL
Kilograms Quanity:	176.904003042749
Receiving EPAID:	MND981098478
Waste Sequence Number:	2005751
Sequence Number:	959010
Shipment Date:	4/15/2009
Mainfest Document ID:	002570851FLE
Reported Quanity:	275
Unit of Measure:	GAL
Kilograms Quanity:	935.55001609146
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2005751
Sequence Number:	961031
Shipment Date:	11/25/2009
Mainfest Document ID:	002569211FLE
Reported Quanity:	550
Unit of Measure:	GAL
Kilograms Quanity:	1871.10003218292
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2007091
Sequence Number:	961032
Shipment Date:	11/25/2009
Mainfest Document ID:	002569211FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2000004
Sequence Number:	960200
Shipment Date:	8/24/2009
Mainfest Document ID:	002571978FLE
Reported Quanity:	126
Unit of Measure:	GAL
Kilograms Quanity:	428.652007372815
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2000006

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Sequence Number:	959808
Shipment Date:	8/3/2009
Mainfest Document ID:	002571823FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003218292
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	945885
Shipment Date:	1/7/2009
Mainfest Document ID:	002266241FLE
Reported Quanity:	218
Unit of Measure:	GAL
Kilograms Quanity:	741.63601275614
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	960836
Shipment Date:	11/11/2009
Mainfest Document ID:	002569095FLE
Reported Quanity:	57
Unit of Measure:	GAL
Kilograms Quanity:	193.914003335321
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2000006
Sequence Number:	959405
Shipment Date:	5/12/2009
Mainfest Document ID:	001415107JJK
Reported Quanity:	160
Unit of Measure:	GAL
Kilograms Quanity:	544.320009362304
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	117142
Waste Sequence Number:	2000006
Sequence Number:	494176
Received EPAID:	WAD981769110
Managed Quanity:	490
Kilogram Quanity:	1666.9800286720565
Recycled Percentage:	75
Waste Management System Code:	H020

Waste Sequence Number:	2000010
Sequence Number:	501550
Received EPAID:	MND981098478
Managed Quanity:	2470
Kilogram Quanity:	8402.9401445305703
Recycled Percentage:	99
Waste Management System Code:	H010

Waste Sequence Number:	2005749
Sequence Number:	494178
Received EPAID:	IDD073114654
Managed Quanity:	1100

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Kilogram Quanity:	3742.2000643658412
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2005917
Sequence Number:	494172
Received EPAID:	WAD981769110
Managed Quanity:	195
Kilogram Quanity:	663.39001141030826
Recycled Percentage:	75
Waste Management System Code:	H020
Waste Sequence Number:	2005724
Sequence Number:	494169
Received EPAID:	WAD981769110
Managed Quanity:	211
Kilogram Quanity:	95.709601646205158
Recycled Percentage:	35
Waste Management System Code:	H020
Waste Sequence Number:	2005724
Sequence Number:	494170
Received EPAID:	WAD981769110
Managed Quanity:	90
Kilogram Quanity:	40.824000702172818
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2000025
Sequence Number:	501552
Received EPAID:	MND981098478
Managed Quanity:	2418
Kilogram Quanity:	8226.0361414878225
Recycled Percentage:	99
Waste Management System Code:	H010
Waste Sequence Number:	2005723
Sequence Number:	494188
Received EPAID:	WAD981769110
Managed Quanity:	55
Kilogram Quanity:	187.11000321829206
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	2000009
Sequence Number:	494179
Received EPAID:	IDD073114654
Managed Quanity:	1300
Kilogram Quanity:	4422.6000760687211
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2006350
Sequence Number:	494182
Received EPAID:	IDD073114654
Managed Quanity:	110
Kilogram Quanity:	374.22000643658413

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2003485
Sequence Number: 494177
Received EPAID: IDD073114654
Managed Quanity: 3325
Kilogram Quanity: 1508.2200259413846
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 117142
Comments: A.7 RINSEWATER W/CHROMIUM-EXCESS THAT WAS NOT ABLE TO BE RECYCLED BACK INTO SYSTEM
Waste Sequence Number: 2004724
Sequence Number: 1

Comments: A.7 is METHYL ETHYL KEYTONE (MEK) used for part cleaning.
Waste Sequence Number: 2005917
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 117142
Waste Sequence Number: 2000006
Sequence Number: 4352843
WCDA Code: F003

Waste Sequence Number: 2000009
Sequence Number: 4352867
WCDA Code: D004

Waste Sequence Number: 2004724
Sequence Number: 4352762
WCDA Code: D007

Waste Sequence Number: 2003485
Sequence Number: 4325155
WCDA Code: D007

Waste Sequence Number: 2003487
Sequence Number: 4325232
WCDA Code: D004

Waste Sequence Number: 2003487
Sequence Number: 4325233
WCDA Code: D006

Waste Sequence Number: 2000009
Sequence Number: 4352869
WCDA Code: D010

Waste Sequence Number: 2000006
Sequence Number: 4352841
WCDA Code: D001

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Waste Sequence Number: 2000006
Sequence Number: 4352842
WCDA Code: D035

Waste Sequence Number: 2003487
Sequence Number: 4325231
WCDA Code: D002

Waste Sequence Number: 2000027
Sequence Number: 4353051
WCDA Code: D011

Waste Stream Source Code:
CORB Waste Sequence Number: 117142
Waste Sequence Number: 2000004
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2000006
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2000009
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2000010
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2000025
Sequence Number: 1
WCDD Code: G23

Waste Sequence Number: 2000027
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2003485
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2003487
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2004724
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2005723
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2005724
Sequence Number: 1
WCDD Code: G07

PM TESTING LAB INC PACIFIC HWY (Continued) **1001234205**

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

O71 SW 1/4-1/2 0.280 mi. 1476 ft. **MODERN PRINTING GRAPHICS ADV**
3216 20TH ST E
FIFE, WA 98424
Site 2 of 7 in cluster O

WA ALLSITES **1000658874**
RCRA NonGen / NLR **WAD988485314**
FINDS
ECHO

Relative: Lower
Actual: 17 ft.

ALLSITES:

Name:	MODERN PRINTING GRAPHICS ADV
Facility Id:	77644258

RCRA Listings:

Date Form Received by Agency:	1991-04-21 00:00:00.0
Handler Name:	MODERN PRINTING GRAPHICS ADV
Handler Address:	3216 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988485314
Contact Name:	MODERN PRINTING MODERN PRINTING
Contact Address:	3216 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424-1713
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3216 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424-1713
Owner Name:	MODERN PRINTING M
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

MODERN PRINTING GRAPHICS ADV (Continued) **1000658874**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3216 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MODERN PRINTING M
Legal Status:	Private

MODERN PRINTING GRAPHICS ADV (Continued) **1000658874**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3216 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1713
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MODERN PRINTING GRAPHICS ADV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3216 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1713
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1991-04-21 00:00:00.0
Handler Name:	MODERN PRINTING GRAPHICS ADV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1991-04-21 00:00:00.0
Handler Name:	MODERN PRINTING GRAPHICS ADV
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32311
NAICS Description:	PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

MODERN PRINTING GRAPHICS ADV (Continued) **1000658874**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005360199

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000658874
Registry ID:	110005360199
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005360199
Name:	MODERN PRINTING GRAPHICS ADV
Address:	3216 20TH ST E
City,State,Zip:	FIFE, WA 98424

O72 **CRESCENT LIGHTING - FIFE** **WA SWRCY** **S123794658**
SW **3214 20TH STREET EAST** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.280 mi.
1479 ft. **Site 3 of 7 in cluster O**

Relative:
Lower

Actual:
17 ft.

SWRCY:

Name:	CRESCENT LIGHTING - FIFE
Address:	3214 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Phone:	253-922-1536
Website:	https://www.lightrecycle.org/
Material Accepted:	Light Bulbs - Fluorescent
Type:	Commercial
Service Type:	Dropoff
Hours:	Mon-Fri, 8am-6pm; Sat, 10am-5pm
Comments:	Recycle up to 10 fluorescent lights, CFLs and HiDs per day for free.
Material Category:	Household Hazardous Waste
Organization ID:	1322
Organization Name:	LightRecycle Washington Organization
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	Yes

Name:	CRESCENT LIGHTING - FIFE
Address:	3214 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Phone:	253-922-1536

CRESCENT LIGHTING - FIFE (Continued) **S123794658**

Website:	https://www.lightrecycle.org/
Material Accepted:	Light Bulbs - Fluorescent
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri, 8am-6pm; Sat, 10am-5pm
Comments:	Recycle up to 10 fluorescent lights, CFLs and HiDs per day for free.
Material Category:	Household Hazardous Waste
Organization ID:	1322
Organization Name:	LightRecycle Washington Organization
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	Yes

O73 **WEST MARINE 00024** **WA ALLSITES** **S112088213**
SW **3212 20TH ST E** **WA MANIFEST** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.281 mi.
1482 ft. **Site 4 of 7 in cluster O**

Relative:
Lower

Actual:
17 ft.

ALLSITES:

Name:	WEST MARINE 00024
Facility Id:	15147

WA MANIFEST:

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D035,D004,D007
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr

WEST MARINE 00024 (Continued) **S112088213**

Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Gary Ford
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002,D003,U002,U154
Form Comm:	Not reported
Data Year:	2016

WEST MARINE 00024 (Continued) **S112088213**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Gary Ford
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

WEST MARINE 00024 (Continued) **S112088213**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035,D039,D004,U002,U154,U159,D002,D008,D011
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836

WEST MARINE 00024 (Continued) **S112088213**

Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035,D039,D004,U002,U154,U159,D002,D008,D011,D003,D005
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

WEST MARINE 00024 (Continued) **S112088213**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	mgr00024@westmarine.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147

WEST MARINE 00024 (Continued) **S112088213**

EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	WT02 - Toxic
Federal Waste Code Desc:	D001 - Waste Aerosols, D035 - Waste Aerosols, D039 - Waste Aerosols, D001 - Waste Flammable liquids, D004 - Waste Flammable liquids, U002 - Waste Flammable liquids, U154 Waste Flammable liquids, U159 Waste Flammable liquids, D001 Waste Fusee, D001 Waste Cartridges, Signal, D003 Waste Cartridges, Signal, D005 Waste Cartridges, Signal, D002 - Amines, Liquid, Corrosive
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E

WEST MARINE 00024 (Continued) **S112088213**

Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	WEST MARINE 00024
Address:	3212 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	15147
EPA ID:	WAH000041538
NAICS:	441222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, D039, D004, D005, U002, U154, U159, D008, D006, D007, D010, D011, D018, D027, D003,
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	True
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Lamps - Generate, Batteries - Accumulate, Lamps - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600603184
Business Type:	Marine Boating Goods
Mail Name:	West Marine Products Inc
Mailing Address:	500 Westridge Dr
Mailing City,State,Zip:	Watsonville, CA 95076
Legal Organization Name:	West Marine Products Inc
Legal Organization Type:	Private

WEST MARINE 00024 (Continued) **S112088213**

Legal Contact:	Not reported
Legal Address:	500 Westridge Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Watsonville, CA 95076
Legal Phone Number:	831-761-6836
Legal Effective Date:	Not reported
Land Organization Name:	West Marine Products Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	500 Westridge Dr
Land City,State,Zip:	Watsonville, CA 95076
Land Phone Number:	831-761-6836
Operator Organization Name:	West Marine Products Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	500 Westridge Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Watsonville, CA 95076
Operator Phone Number:	831-761-6836
Operator Effective Date:	Not reported
Site Contact:	Stephanie Gambrell
Site Contact Address:	3212 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-926-2533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

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74 **UNION PACIFIC RAILROAD FIFE SPILL** **WA CSCSL** **S123096459**
SSW **WA ALLSITES** **N/A**
1/4-1/2 **, WA**
0.282 mi.
1490 ft.

Relative:
Lower

Actual:
17 ft.

CSCSL:

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD FIFE SPILL
Address:	Not reported
City,State,Zip:	WA
Facility ID:	75347
Region:	Southwest
Lat/Long:	47.237622 / -122.383796
Clean Up Siteid:	14701
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

UNION PACIFIC RAILROAD FIFE SPILL (Continued) **S123096459**

Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: UNION PACIFIC RAILROAD FIFE SPILL
Facility Id: 75347

O75 **FIFE METROPLEX CARDLOCK** **WA CSCSL** **S108023797**
SW **3200 20TH ST E** **WA LUST** **N/A**
1/4-1/2 **FIFE, WA 98424** **WA ALLSITES**
0.287 mi. **WA PTAP**
1513 ft. **Site 5 of 7 in cluster O**

Relative:
Lower
Actual:
17 ft.

CSCSL:
Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Methyl tertiary-butyl ether
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Region: Southwest
Lat/Long: 47.238806 / -122.386444
Clean Up Siteid: 5931
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

LUST:
Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility ID: 35377551
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 5931
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section: Pollution Liability Ins Agcy
Release Date: 08/15/2002
Lust Date: 07/26/2019
Region: Southwest
Lust ID: 5787
UST ID: 419661
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.238806 / -122.38644

Name: FIFE METROPLEX CARDLOCK
Address: 3200 20TH ST E
City,State,Zip: FIFE, WA 98424

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Methyl tertiary-butyl ether
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	35377551
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5931
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	METROPLEX NO 1 LIMITED PARTNERSHIP,PETROCARD
Response Section:	Pollution Liability Ins Agcy
Release Date:	08/15/2002
Lust Date:	07/26/2019
Region:	Southwest
Lust ID:	5787
UST ID:	419661
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238806 / -122.38644

ALLSITES:

Name:	FIFE METROPLEX CARDLOCK
Facility Id:	35377551

PTAP:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH STREET EAST
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW073
FSID Number:	35377551
Entry Date:	11/06/2019

FIFE METROPLEX CARDLOCK (Continued) **S108023797**

Status: In Progress

O76 SW 1/4-1/2 0.287 mi. 1513 ft. **FIFE METROPLEX CARDLOCK** **WA VCP** **S124434013**
3200 20TH ST E **N/A**
FIFE, WA 98424

Site 6 of 7 in cluster O

Relative: Lower

Actual: 17 ft.

VCP:

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35377551
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5931
Contaminant Name:	Methyl tertiary-butyl ether
Soil:	Not reported

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35377551
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5931
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name:	FIFE METROPLEX CARDLOCK
Address:	3200 20TH ST E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35377551
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported

FIFE METROPLEX CARDLOCK (Continued) **S124434013**

Rank: Not reported
Cleanup Siteid: 5931
Contaminant Name: Petroleum-Diesel
Soil: Not reported

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77 East 1/4-1/2 0.288 mi. 1521 ft. | **LEXUS OF TACOMA AT FIFE**
1708 40TH AVE CT E
FIFE, WA 98424

WA ALLSITES **1004794704**
RCRA NonGen / NLR **WAH000003228**
FINDS
ECHO
WA MANIFEST

Relative: Lower
Actual: 15 ft.

ALLSITES:
Name: LEXUS OF TACOMA AT FIFE
Facility Id: 90252898

RCRA Listings:

Date Form Received by Agency:	2008-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Handler Address:	1708 40TH AVE CT E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000003228
Contact Name:	JEFF SMYTH
Contact Address:	1708 40TH ST CT E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-7100
Contact Fax:	Not reported
Contact Email:	SERVICE@LEXUSOFTACOMA.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1708 40TH ST CT E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	HO INC
Owner Type:	Private
Operator Name:	SMYTH, JEFF
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 16:45:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: HO INC

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Name:	HO INC
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF SMYTH
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1708 40TH ST CT E
Owner/Operator City,State,Zip:	FIFE, WA 98424
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Owner/Operator Telephone Ext:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HO INC
Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMYTH, JEFF
Legal Status:	Private
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LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

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Owner/Operator Telephone:	253-922-7100
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Owner/Operator Fax:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF S
Legal Status:	Private
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Owner/Operator Name:	JEFF SMYTH
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LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-7100
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LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

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Legal Status:	Private
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LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	1997-10-03 00:00:00.
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-10-03 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-17 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-26 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-06 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-04 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-07 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-04-02 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-28 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-20 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-19 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	LEXUS OF TACOMA AT FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-11-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005391496

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794704
Registry ID:	110005391496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005391496
Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	LEXUS OF TACOMA AT FIFE
Address:	1708 40TH AVE CT E
City,State,Zip:	FIFE, WA 98424-1125
Facility Address 2:	Not reported
Facility ID:	90252898
EPA ID:	WAH000003228
NAICS:	44111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601618739
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1708 40th St Ct E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	HO Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1708 40th St Ct E
Legal Address 2:	Not reported
Legal City,State,Zip:	FIFE, WA 98424
Legal Phone Number:	(253)922-7100
Legal Effective Date:	10/03/1997
Land Organization Name:	HO Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1708 40th St Ct E
Land City,State,Zip:	FIFE, WA 98424
Land Phone Number:	(253)922-7100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Jeff Smyth
Operator Address:	1708 40th St Ct E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)922-7100
Operator Effective Date:	10/03/1997
Site Contact:	Jeff Smyth
Site Contact Address:	1708 40th St Ct E
Contact City,State,Zip:	FIFE, WA 98424
Site Contact Phone Number:	(253)922-7100
Site Contact Email:	service@lexusoftacoma.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F

LEXUS OF TACOMA AT FIFE (Continued) **1004794704**

Used Oil Fuel Marketer Directs Shipments: F
Used Oil Fuel Marketer Meets Specs: F
Site Contact Address 2: Not reported

Q78 **MORNING SUN INC** **WA ALLSITES** **1000474176**
SE **3500 20TH ST E BLDG C** **RCRA NonGen / NLR** **WAD988482741**
1/4-1/2 **FIFE, WA 98424** **FINDS**
0.294 mi. **ECHO**
1554 ft. **Site 2 of 2 in cluster Q** **WA MANIFEST**

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name: WESTERN WA COCA COLA BOTTLING LLC FIFE
Facility Id: 66138

Name: MORNING SUN INC
Facility Id: 12725474

Name: IR SPECIALTY FOAM
Facility Id: 17474

RCRA Listings:

Date Form Received by Agency:	2006-03-04 00:00:00.0
Handler Name:	MORNING SUN INC
Handler Address:	3500 20TH ST E BLDG C
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988482741
Contact Name:	CHARLIE JENKINS
Contact Address:	PO BOX 2945
Contact City,State,Zip:	TACOMA, WA 98401
Contact Telephone:	253-922-6589
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 2945
Mailing City,State,Zip:	TACOMA, WA 98401
Owner Name:	THREE CITIES RESEARCH
Owner Type:	Private
Operator Name:	MORNING SUN INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

MORNING SUN INC (Continued) **1000474176**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 17:36:27.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1851
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported

MORNING SUN INC (Continued) **1000474176**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	THREE CITIES RE T
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST

MORNING SUN INC (Continued) **1000474176**

Owner/Operator City,State,Zip:	NEW YORK, NY 10022-2050
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC M
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JENKINS, CHARLIE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2945
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 INDUSTRY DR E STE A
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-9333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THREE CITIES RESEARCH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	135 E 57TH ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10022
Owner/Operator Telephone:	212-838-9660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MORNING SUN INC
Legal Status:	Private

MORNING SUN INC (Continued) **1000474176**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3500 20TH ST E BLDG C
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-6589
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-04 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

MORNING SUN INC (Continued) **1000474176**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-18 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

MORNING SUN INC (Continued) **1000474176**

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-07 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-02 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

MORNING SUN INC (Continued) **1000474176**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-13 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-15 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-28 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

MORNING SUN INC (Continued) **1000474176**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	MORNING SUN INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	MORNING SUN, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	MORNING SUN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	315999

MORNING SUN INC (Continued) **1000474176**

NAICS Description: OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

NAICS Code: 33636
NAICS Description: MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

MORNING SUN INC (Continued) **1000474176**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2003-09-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJCA
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-04-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005358273

MORNING SUN INC (Continued) **1000474176**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
Registry ID: 110070354661

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000474176
Registry ID:	110005358273
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358273
Name:	MORNING SUN INC
Address:	3500 20TH ST E BLDG C
City,State,Zip:	FIFE, WA 98424

WA MANIFEST:

Name:	MORNING SUN INC
Address:	3500 20TH ST E BLDG C
City,State,Zip:	FIFE, WA 98424-1727
Facility Address 2:	Not reported
Facility ID:	12725474
EPA ID:	WAD988482741
NAICS:	315999
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No

MORNING SUN INC (Continued) **1000474176**

Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601023744
Business Type:	mfg
Mail Name:	Morning Sun Inc
Mailing Address:	PO Box 2945
Mailing City,State,Zip:	TACOMA, WA 98401-2945
Legal Organization Name:	Three Cities Research
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	135 E 57TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	NEW YORK, NY 10022-2050
Legal Phone Number:	(212)838-9660
Legal Effective Date:	07/23/1996
Land Organization Name:	Pacific Development
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4301 INDUSTRY DR E STE A
Land City,State,Zip:	TACOMA, WA 98424-1851
Land Phone Number:	(253)922-9333
Operator Organization Name:	Morning Sun Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	3500 20th St E Bldg C
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	253-922-6589
Operator Effective Date:	07/23/1996
Site Contact:	Charlie Jenkins
Site Contact Address:	PO Box 2945
Contact City,State,Zip:	TACOMA, WA 98401-2945
Site Contact Phone Number:	(253)922-6589
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No

MORNING SUN INC (Continued) **1000474176**

Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No
Site Contact Address 2: Not reported

O79 SW 1/4-1/2 0.299 mi. 1581 ft. **BASF TRAINING CENTER** **WA ALLSITES** **1000660327**
3077 20TH ST E **RCRA NonGen / NLR** **WAD988500112**
FIFE, WA 98424 **FINDS**
ECHO

Site 7 of 7 in cluster O

Relative: Lower
Actual: 17 ft.

ALLSITES:
Name: BASF TRAINING CENTER
Facility Id: 93192165

RCRA Listings:

Date Form Received by Agency:	2003-03-11 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Handler Address:	3077 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD988500112
Contact Name:	LYNN WICKER
Contact Address:	3077 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-2240
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	26701 TELEGRAPH RD
Mailing City,State,Zip:	SOUTHFIELD, WA 48034
Owner Name:	BASF CORP
Owner Type:	Private
Operator Name:	WICKER, LYNN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LYNN W
Legal Status:	Private
Date Became Current:	1996-08-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1709
Owner/Operator Telephone:	253-922-2240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF CORP

BASF TRAINING CENTER (Continued) **1000660327**

Legal Status:	Private
Date Became Current:	1996-08-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	26701 TELEGRAPH RD
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48034
Owner/Operator Telephone:	810-304-5200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WICKER, LYNN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2240
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF CORP B
Legal Status:	Private
Date Became Current:	1996-08-06 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	26701 TELEGRAPH RD
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48034-2442
Owner/Operator Telephone:	810-304-5200
Owner/Operator Telephone Ext:	Not reported

BASF TRAINING CENTER (Continued) **1000660327**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FERGUSON STREET ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	289 PERIMETER RD E
Owner/Operator City,State,Zip:	RENTON, WA 98055
Owner/Operator Telephone:	206-285-6716
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E

BASF TRAINING CENTER (Continued) **1000660327**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BASF TRAINING CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3077 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-04-10 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-11 00:00:00.0

BASF TRAINING CENTER (Continued) **1000660327**

Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-11 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-04-10 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

BASF TRAINING CENTER (Continued) **1000660327**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-04-10 00:00:00.0
Handler Name:	BASF TRAINING CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	611519
NAICS Description:	OTHER TECHNICAL AND TRADE SCHOOLS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005371203

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660327
Registry ID:	110005371203
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005371203
Name:	BASF TRAINING CENTER
Address:	3077 20TH ST E
City,State,Zip:	FIFE, WA 98424

S80 ESE 1/4-1/2 0.303 mi. 1600 ft. | **HAWLEY MARINE**
4001 20TH NE
FIFE, WA 98424

WA VCP | **S124434584**
N/A

Site 1 of 2 in cluster S

Relative: Lower

Actual: 17 ft.

VCP:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47746788
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	9381
Contaminant Name:	Petroleum-Diesel
Soil:	Confirmed Above Cleanup Levels

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47746788
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	9381
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

S81 ESE 1/4-1/2 0.303 mi. 1600 ft. | **HOLLY MARINA**
4001 20TH NE
FIFE, WA 98424

WA CSCSL
WA LUST
WA ICR
WA ALLSITES

S103504287
N/A

Site 2 of 2 in cluster S

Relative: Lower

Actual: 17 ft.

CSCSL:

Name:	HAWLEY MARINE
Address:	4001 20TH NE
City,State,Zip:	FIFE, WA 98424
Facility ID:	47746788
Region:	Southwest
Lat/Long:	47.23952 / -122.37567
Clean Up Siteid:	9381
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	BOATLAND USA

HOLLY MARINA (Continued) **S103504287**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: HAWLEY MARINE
Address: 4001 20TH NE
City,State,Zip: FIFE, WA 98424
Facility ID: 47746788
Region: Southwest
Lat/Long: 47.23952 / -122.37567
Clean Up Siteid: 9381
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: BOATLAND USA
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: HAWLEY MARINE
Address: 4001 20TH NE
City,State,Zip: FIFE, WA 98424
Facility ID: 47746788
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9381
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: BOATLAND USA
Response Section: Southwest
Release Date: 09/08/1993
Lust Date: 03/09/2017
Region: Southwest
Lust ID: 2948
UST ID: 102086
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

HOLLY MARINA (Continued) **S103504287**

Lat/Long: 47.23907 / -122.37523

Name: HAWLEY MARINE
Address: 4001 20TH NE
City,State,Zip: FIFE, WA 98424
Facility ID: 47746788
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9381
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: BOATLAND USA
Response Section: Southwest
Release Date: 09/08/1993
Lust Date: 03/09/2017
Region: Southwest
Lust ID: 2948
UST ID: 102086
Contaminant Name: Petroleum-Diesel
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23907 / -122.37523

ICR:
Date Ecology Received Report: 09/18/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-05
County Code: 27
Contact: Not reported
Report Title: Not reported

ALLSITES:
Name: BOATLAND USA
Facility Id: 47746788

---

82 East 1/4-1/2 0.313 mi. 1651 ft. | **JAGUAR LANDROVER VOLVO OF TACOMA** | **WA ALLSITES** | **S109824523**
1601 40TH AVE CT E | **N/A**
FIFE, WA 98424

Relative: Lower
Actual: 14 ft.

ALLSITES:
Name: JAGUAR LANDROVER VOLVO OF TACOMA
Facility Id: 17288

83
NNE
1/4-1/2
0.316 mi.
1667 ft.

AUTO WAREHOUSING CO
3715 SR 509 N FRONTAGE RD
TACOMA, WA 98421

WA ALLSITES
S109554364
N/A

Relative:
Lower
Actual:
13 ft.

ALLSITES:
Name: AUTO WAREHOUSING CO
Facility Id: 43274632

84
NNW
1/4-1/2
0.320 mi.
1691 ft.

PIERCE COUNTY TERMINAL PORT OF TACOMA
SR 509 PORT OF TACOMA RD & ALEXANDER AVE
TACOMA, WA 98421

WA ALLSITES
S109556642
N/A

Relative:
Lower
Actual:
14 ft.

ALLSITES:
Name: PIERCE COUNTY TERMINAL PORT OF TACOMA
Facility Id: 9771939

T85
SW
1/4-1/2
0.321 mi.
1696 ft.

LNG FUELING STATION
3013 20TH ST E
FIFE, WA 98424

Site 1 of 2 in cluster T

WA ALLSITES
S118345018
N/A

Relative:
Lower
Actual:
17 ft.

ALLSITES:
Name: LNG FUELING STATION
Facility Id: 24662

86
West
1/4-1/2
0.323 mi.
1704 ft.

PACIFIC HWY EAST PRESERVATION

FIFE, WA 98424

WA ALLSITES
S123402426
N/A

Relative:
Lower
Actual:
14 ft.

ALLSITES:
Name: PACIFIC HWY EAST PRESERVATION
Facility Id: 46589

87
East
1/4-1/2
0.337 mi.
1778 ft.

GCR TIRE CENTER 4247
4107 PACIFIC HWY E
TACOMA, WA 98424

WA ALLSITES
WA ASBESTOS
S108701830
N/A

Relative:
Lower
Actual:
14 ft.

ALLSITES:
Name: GCR TIRE CENTER 4247
Facility Id: 2418556

ASBESTOS:
Name: Not reported
Address: 4107 PACIFIC HWY EAST
City,State,Zip: FIFE, WA 98424
Facility Type: Vacant building

GCR TIRE CENTER 4247 (Continued) **S108701830**

Parent ID:	0
Form ID:	137871##1022FSGSS726523
Notice Date:	01/31/2017
Start Date:	02/10/2017
Completion Date:	02/28/2017
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	2:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-01-31 08:15:46
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138942##1022FSGSS319326
Notice Date:	02/22/2017
Start Date:	02/13/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	4:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1

GCR TIRE CENTER 4247 (Continued) **S108701830**

Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1

GCR TIRE CENTER 4247 (Continued) **S108701830**

MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17. Amended to take project off hold 2-13-17 Project completed 2-21-17
Date Time Submitted:	2017-02-22 14:24:54
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138366##1022FSGSS364606
Notice Date:	02/10/2017
Start Date:	02/10/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	2:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA

GCR TIRE CENTER 4247 (Continued) **S108701830**

Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17.
Date Time Submitted:	2017-02-10 08:49:24

GCR TIRE CENTER 4247 (Continued) **S108701830**

Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	4107 PACIFIC HWY EAST
City,State,Zip:	FIFE, WA 98424
Facility Type:	Vacant building
Parent ID:	137871
Form ID:	138448##1022FSGSS450080
Notice Date:	02/13/2017
Start Date:	02/13/2017
Completion Date:	02/28/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	4:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Jared Griffith
Project Form Email:	charlie@fsandgs.com, wanda@fsaandgs.com
Property Owner Name:	Jung Chou
Property Owner Agent:	Johnson RV
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	1111 South 274th place
Property Owner City:	Des Moines
Property Owner State:	WA
Property Owner Zip4:	98198
Property Owner Phone:	206-239-8720
Job Site Room:	Not reported
Facility Age:	1950
Facility Size:	24000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	15000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported

GCR TIRE CENTER 4247 (Continued) **S108701830**

Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Amended to place project on hold 2/10/17. Amended to take project off hold 2-13-17
Date Time Submitted:	2017-02-13 08:14:50
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

T88 SW 1/4-1/2 0.351 mi. 1852 ft.

DIKE ACCESS ROAD DRUMS
DIKE ACCESS RD & 20TH ST E
TACOMA, WA 98424

Site 2 of 2 in cluster T

WA ALLSITES **1000879037**
RCRA NonGen / NLR **WAD988523809**

Relative: Lower
Actual: 17 ft.

ALLSITES:

Name:	DIKE ACCESS ROAD DRUMS
Facility Id:	42251943

RCRA Listings:

Date Form Received by Agency:	1994-01-01 00:00:00.0
Handler Name:	DIKE ACCESS ROAD DRUMS
Handler Address:	DIKE ACCESS RD & 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988523809
Contact Name:	WA ECY WA ECY
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504-7775
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504-7775
Owner Name:	WA ECY W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

DIKE ACCESS ROAD DRUMS (Continued) **1000879037**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:19:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DIKE ACCESS ROAD DRUMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY W
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-0000
Owner/Operator Telephone:	000-000-0000

DIKE ACCESS ROAD DRUMS (Continued) **1000879037**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DIKE ACCESS ROAD DRUMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	DIKE ACCESS RD & 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DIKE ACCESS ROAD DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DIKE ACCESS ROAD DRUMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

DIKE ACCESS ROAD DRUMS (Continued) **1000879037**

NAICS Code: 92411
NAICS Description: ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

89
ESE
1/4-1/2
0.359 mi.
1896 ft.

BMW NORTHWEST INC
4011 20TH ST E
FIFE, WA 98424

WA ALLSITES **S109824701**
N/A

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: BMW NORTHWEST INC
Facility Id: 16434792

U90
SE
1/4-1/2
0.365 mi.
1925 ft.

CLOSETMAID
3900 INDUSTRY DR E STE G
FIFE, WA 98424

WA ALLSITES **1011932335**
FINDS **N/A**

Site 1 of 3 in cluster U

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: CLOSETMAID
Facility Id: 3939978

FINDS:
Registry ID: 110037547456

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

U91 **INK INC INDUSTRY DR** **WA ALLSITES** **1000119356**
SE **3900F INDUSTRY DR E** **RCRA NonGen / NLR** **WAD981763451**
1/4-1/2 **TACOMA, WA 98424**
0.365 mi.
1929 ft. **Site 2 of 3 in cluster U**

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	INK INC INDUSTRY DR
Facility Id:	97796511

RCRA Listings:

Date Form Received by Agency:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Handler Address:	3900F INDUSTRY DR E
Handler City,State,Zip:	TACOMA, WA 98424-1849
EPA ID:	WAD981763451
Contact Name:	INK INC INK INC
Contact Address:	3900 INDUSTRY DR E STE F
Contact City,State,Zip:	TACOMA, WA 98424-1809
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3900 INDUSTRY DR E STE F
Mailing City,State,Zip:	TACOMA, WA 98424-1809
Owner Name:	INK INC I
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

INK INC INDUSTRY DR (Continued) **1000119356**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:23:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1849
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC I
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1809
Owner/Operator Telephone:	000-000-0000

INK INC INDUSTRY DR (Continued) **1000119356**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INK INC INDUSTRY DR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC INDUSTRY DR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900F INDUSTRY DR E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1809
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INK INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3900 INDUSTRY DR E STE F
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

INK INC INDUSTRY DR (Continued) **1000119356**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-03-02 00:00:00.0
Handler Name:	INK INC INDUSTRY DR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	323111
NAICS Description:	COMMERCIAL GRAVURE PRINTING

NAICS Code:	323119
NAICS Description:	OTHER COMMERCIAL PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

V92 West 1/4-1/2 0.379 mi. 1999 ft. | **WW GRAINGER INC 755**
2802 PACIFIC HWY E
FIFE, WA 98424

Site 1 of 3 in cluster V

WA ALLSITES **1007073792**
FINDS **N/A**

Relative: Lower
Actual: 14 ft.

ALLSITES:
Name: WW GRAINGER INC 755
Facility Id: 25172831

FINDS:
Registry ID: 110015504284

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

V93 West 1/4-1/2 0.380 mi. 2004 ft. | **BOITANO SITE**
2800 PACIFIC HWY E
FIFE, WA 98424

Site 2 of 3 in cluster V

WA ALLSITES **1001234109**
WA CSCSL NFA **WAH000005215**
RCRA NonGen / NLR
FINDS
ECHO

Relative: Lower
Actual: 14 ft.

ALLSITES:
Name: BOITANO SITE
Facility Id: 39816865

CSCSL NFA:
Name: BOITANO SITE
Address: 2800 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 39816865
CS Id: 2856
NFA Date: 10/24/2002
Alternate Site Names: HWY 99 PORT OF TACOMA RD I5 SITE
NFA Reason: NFA-Ecology Supervised/Conducted Cleanup
Site Status: NFA
Region: Southwest
Contaminant Name: Corrosive Wastes
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24308
Longitude: -122.39162

Name: BOITANO SITE
Address: 2800 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424

BOITANO SITE (Continued) **1001234109**

Facility/Site Id:	39816865
CS Id:	2856
NFA Date:	10/24/2002
Alternate Site Names:	HWY 99 PORT OF TACOMA RD I5 SITE
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24308
Longitude:	-122.39162

Name:	BOITANO SITE
Address:	2800 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	39816865
CS Id:	2856
NFA Date:	10/24/2002
Alternate Site Names:	HWY 99 PORT OF TACOMA RD I5 SITE
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24308
Longitude:	-122.39162

RCRA Listings:

Date Form Received by Agency:	2001-05-30 00:00:00.0
Handler Name:	BOITANO SITE
Handler Address:	2800 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000005215
Contact Name:	DAN MARSH
Contact Address:	1209 FARALLONE
Contact City,State,Zip:	FIRCREST, WA 98466
Contact Telephone:	253-565-5097
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

BOITANO SITE (Continued) **1001234109**

State District Owner:	WA
State District:	SWRO
Mailing Address:	1209 FARALLONE
Mailing City,State,Zip:	FIRCREST, WA 98488
Owner Name:	BOITANO, JOHN
Owner Type:	Private
Operator Name:	MARSH, DAN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:50.0
Recognized Trader-Importer:	No

BOITANO SITE (Continued) **1001234109**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARSH, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1209 FARALLONE
Owner/Operator City,State,Zip:	FIRCREST, WA 98466
Owner/Operator Telephone:	253-565-5097
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARSH, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1209 FARALLONE
Owner/Operator City,State,Zip:	FIRCREST, WA 98466
Owner/Operator Telephone:	253-565-5097
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	1998-05-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BOITANO SITE (Continued) **1001234109**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOITANO, JOHN
Legal Status:	Private
Date Became Current:	1998-05-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6216 20TH E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-8124
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-05-30 00:00:00.0
Handler Name:	BOITANO SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

BOITANO SITE (Continued) **1001234109**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-30 00:00:00.0
Handler Name:	BOITANO SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-05-13 00:00:00.0
Handler Name:	BOITANO SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005392761

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

BOITANO SITE (Continued) **1001234109**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001234109
Registry ID:	110005392761
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005392761
Name:	BOITANO SITE
Address:	2800 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424

W94 **NC MACHINERY COMPANY** **RCRA-VSQG** **1005445367**
WNW **2603 PACIFIC HWY E** **WA LUST** **WAH000016378**
1/4-1/2 **FIFE, WA 98424** **WA ALLSITES**
0.381 mi. **WA CSCSL NFA**
2010 ft. **Site 1 of 2 in cluster W** **WA SPILLS**
FINDS
Relative: **ECHO**
Lower **WA MANIFEST**
Actual: **WA NPDES**
14 ft.

RCRA Listings:

Date Form Received by Agency:	2018-02-26 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Handler Address:	2603 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAH000016378
Contact Name:	JOHN DEANS
Contact Address:	17025 W VALLEY HWY
Contact City,State,Zip:	TUKWILA, WA 98188
Contact Telephone:	425-251-5800
Contact Fax:	Not reported
Contact Email:	JDEANS@NCMACHINERY.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2603 PACIFIC HWY E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	NC MACHINERY CO
Owner Type:	Private
Operator Name:	NC MACHINERY COMPANY

NC MACHINERY COMPANY (Continued) **1005445367**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-04-12 16:17:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO N
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
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Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Name:	NC MACHINERY CO
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Owner/Operator Name:	NC MACHINERY COMPANY
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO N
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Tribal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY COMPANY
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124

NC MACHINERY COMPANY (Continued) **1005445367**

Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124
Owner/Operator Telephone:	425-251-9806
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-896-0878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2004-12-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2603 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NC MACHINERY CO
Legal Status:	Private
Date Became Current:	2001-10-22 00:00:00.

NC MACHINERY COMPANY (Continued) **1005445367**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 3562
Owner/Operator City,State,Zip:	SEATTLE, WA 98124-3562
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-02 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-27 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-05 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-13 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-05 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-13 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-23 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-17 00:00:00.0

NC MACHINERY COMPANY (Continued) **1005445367**

Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-24 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-03-20 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-04 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-02 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-27 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-29 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-28 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-27 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-25 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-20 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

NC MACHINERY COMPANY (Continued) **1005445367**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-26 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-26 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

NC MACHINERY COMPANY (Continued) **1005445367**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	NC MACHINERY COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42381
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

NAICS Code:	423810
NAICS Description:	CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

NAICS Code:	81131
NAICS Description:	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-04-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALCW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-11-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LUST:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	85298548
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6766
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
Response Section:	Southwest
Release Date:	02/20/1991
Lust Date:	10/02/2002
Region:	Southwest
Lust ID:	3583
UST ID:	200228
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24334 / -122.39353
Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	85298548
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6766
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
Response Section:	Southwest
Release Date:	02/20/1991

NC MACHINERY COMPANY (Continued) **1005445367**

Lust Date: 10/02/2002
Region: Southwest
Lust ID: 3583
UST ID: 200228
Contaminant Name: Metals Priority Pollutants
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24334 / -122.39353

Name: NC MACHINERY COMPANY
Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 85298548
Lust Status Type: LUST - NFA
Cleanup Site ID: 6766
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
Response Section: Southwest
Release Date: 02/20/1991
Lust Date: 10/02/2002
Region: Southwest
Lust ID: 3583
UST ID: 200228
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24334 / -122.39353

ALLSITES:
Name: NC MACHINERY COMPANY
Facility Id: 85298548

CSCSL NFA:
Name: NC MACHINERY COMPANY
Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 85298548
CS Id: 6766
NFA Date: 10/02/2002
Alternate Site Names: FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest

NC MACHINERY COMPANY (Continued) **1005445367**

Contaminant Name: Metals Priority Pollutants
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24334
Longitude: -122.39353

Name: NC MACHINERY COMPANY
Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 85298548
CS Id: 6766
NFA Date: 10/02/2002
Alternate Site Names: FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24334
Longitude: -122.39353

Name: NC MACHINERY COMPANY
Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility/Site Id: 85298548
CS Id: 6766
NFA Date: 10/02/2002
Alternate Site Names: FIFE INDUSTRIAL PARK,FORMER FIFE INDUSTRIAL PARK,NC Machinery Co & Machinery Power & Equi,NC MACHINERY CO & POWER & EQUIPMENT,PETARCIK FAMILY PROPERTY,SILVER BULLET TAVERN
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24334
Longitude: -122.39353

SPILLS:
Name: NC MACHINERY
Address: 2603 PACIFIC HWY E

NC MACHINERY COMPANY (Continued) **1005445367**

City,State,Zip:	FIFE, WA
Facility ID:	559408
Medium:	Not reported
Material Desc:	PETROLEUM - LUBE OIL
Material Qty:	100
Material Units:	GALLON
Date Received:	12/13/2006
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

FINDS:
Registry ID: 110012557232

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005445367
Registry ID:	110012557232
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012557232
Name:	NC MACHINERY COMPANY

NC MACHINERY COMPANY (Continued) **1005445367**

Address: 2603 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424

WA MANIFEST:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424

NC MACHINERY COMPANY (Continued) **1005445367**

Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		NC MACHINERY COMPANY
Address:		2603 PACIFIC HWY E
City,State,Zip:		FIFE, WA 98424-1008
Facility Address 2:		Not reported
Facility ID:		85298548
EPA ID:		WAH000016378
NAICS:		423810
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D039	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601558748
Business Type:		Heavy Equipment sales/svc
Mail Name:		NC Machinery Co
Mailing Address:		2603 Pacific Hwy E

NC MACHINERY COMPANY (Continued) **1005445367**

Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Tom Curtsinger
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Tom Curtsinger
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	tcurtsinger@ncmachinery.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008,D018,D035,D039
Form Comm:	Not reported
Data Year:	2016

NC MACHINERY COMPANY (Continued) **1005445367**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Tom Curtsinger
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Tom Curtsinger
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806

NC MACHINERY COMPANY (Continued) **1005445367**

Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Tom Curtsinger
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Tom Curtsinger
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548

NC MACHINERY COMPANY (Continued) **1005445367**

EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001

NC MACHINERY COMPANY (Continued) **1005445367**

Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

NC MACHINERY COMPANY (Continued) **1005445367**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	True
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E

NC MACHINERY COMPANY (Continued) **1005445367**

Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424-1008
Facility Address 2:	Not reported
Facility ID:	85298548
EPA ID:	WAH000016378
NAICS:	423810
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601558748
Business Type:	Heavy Equipment sales/svc
Mail Name:	NC Machinery Co
Mailing Address:	2603 Pacific Hwy E
Mailing City,State,Zip:	FIFE, WA 98424
Legal Organization Name:	NC Machinery Co
Legal Organization Type:	Private
Legal Contact:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Legal Address:	PO Box 3562
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98124-3562
Legal Phone Number:	(425)251-9806
Legal Effective Date:	10/22/2001
Land Organization Name:	NC Machinery Co
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 3562
Land City,State,Zip:	SEATTLE, WA 98124-3562
Land Phone Number:	(425)251-9806
Operator Organization Name:	NC Machinery Co
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2603 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	FIFE, WA 98424
Operator Phone Number:	(253)896-0878
Operator Effective Date:	12/01/2004
Site Contact:	Bill Bonar
Site Contact Address:	2603 Pacific Hwy E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-896-0878
Site Contact Email:	bbonar@ncmachinery.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E -
City,State,Zip:	FIFE, WA 98424-1008
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR302014
Permit Version:	Not reported

NC MACHINERY COMPANY (Continued) **1005445367**

Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

W95 **NC MACHINERY COMPANY** **WA VCP** **S124436252**
WNW **2603 PACIFIC HWY E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.381 mi.
2010 ft. **Site 2 of 2 in cluster W**

Relative:
Lower

Actual:
14 ft.

VCP:

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85298548
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2002-10-02
Rank:	Not reported
Cleanup Siteid:	6766
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85298548
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2002-10-02
Rank:	Not reported
Cleanup Siteid:	6766
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported

Name:	NC MACHINERY COMPANY
Address:	2603 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported

NC MACHINERY COMPANY (Continued) **S124436252**

Facility ID:	85298548
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2002-10-02
Rank:	Not reported
Cleanup Siteid:	6766
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

V96 **UW PHYTOREMEDIATION FIELD SITE** **WA ALLSITES** **S112088249**
West **2801 PACFIC HWY E** **WA MANIFEST** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.383 mi.
2023 ft. **Site 3 of 3 in cluster V**

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	UW PHYTOREMEDIATION FIELD SITE
Facility Id:	16926

WA MANIFEST:

Name:		UW PHYTOREMEDIATION FIELD SITE
Address:		2801 PACFIC HWY E
City,State,Zip:		FIFE, WA 98424
Facility Address 2:		Not reported
Facility ID:		16926
EPA ID:		WAH000041871
NAICS:		611310
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D040	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		178019988
Business Type:		Uni Field research site
Mail Name:		WA UW EHS
Mailing Address:		PO Box 354110
Mailing City,State,Zip:		Seattle, WA 98195
Legal Organization Name:		WA UW EHS
Legal Organization Type:		State

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Legal Contact:	Not reported
Legal Address:	PO Box 354110
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98195
Legal Phone Number:	206-543-0467
Legal Effective Date:	09/01/2009
Land Organization Name:	Glen Springs Holding Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway Ste 1350
Land City,State,Zip:	Dallas, TX 75244-6119
Land Phone Number:	972-687-7506
Operator Organization Name:	WA UW EHS
Operator Organization Type:	State
Operator:	Not reported
Operator Address:	PO Box 354110
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98195
Operator Phone Number:	206-543-0467
Operator Effective Date:	09/01/2009
Site Contact:	Douglas Gallucci
Site Contact Address:	PO Box 354110
Contact City,State,Zip:	Seattle, WA 98195
Site Contact Phone Number:	206-543-0467
Site Contact Email:	douglasg@u.washington.edu
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Contaminated Solids-DW
CORb Sequence Number:	145829
Sequence Number:	3294664

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	159
Quanity Unit:	K
Kilograms Quanity:	159
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	1754084
Shipment Date:	2014-01-29 00:00:00
Mainfest Document ID:	24502
Reported Quanity:	159
Unit of Measure:	K
Kilograms Quanity:	159
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	824251
Received EPAID:	NED981723513
Managed Quanity:	159
Kilogram Quanity:	159
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	7369012
WCDA Code:	D040

Waste Stream Source Code:

CORB Waste Sequence Number:	145829
Waste Sequence Number:	3294664
Sequence Number:	1
WCDD Code:	G15

Name:	UW PHYTOREMEDIATION FIELD SITE
Address:	2801 PACFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	16926
EPA ID:	WAH000041871
NAICS:	611310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	178019988
Business Type:	Uni Field research site
Mail Name:	WA UW EHS
Mailing Address:	PO Box 354110
Mailing City,State,Zip:	Seattle, WA 98195
Legal Organization Name:	WA UW EHS
Legal Organization Type:	State
Legal Contact:	Not reported
Legal Address:	PO Box 354110
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98195
Legal Phone Number:	206-543-0467
Legal Effective Date:	09/01/2009
Land Organization Name:	Glen Springs Holding Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway Ste 1350
Land City,State,Zip:	Dallas, TX 75244-6119
Land Phone Number:	972-687-7506
Operator Organization Name:	WA UW EHS
Operator Organization Type:	State
Operator:	Not reported
Operator Address:	PO Box 354110
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98195
Operator Phone Number:	206-543-0467
Operator Effective Date:	09/01/2009
Site Contact:	Douglas Gallucci
Site Contact Address:	PO Box 354110
Contact City,State,Zip:	Seattle, WA 98195
Site Contact Phone Number:	206-543-0467
Site Contact Email:	douglasg@u.washington.edu
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	UW PHYTOREMEDIATION FIELD SITE
Address:	2801 PACFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	16926
EPA ID:	WAH000041871
NAICS:	611310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	178019988
Business Type:	Uni Field research site
Mail Name:	WA UW EHS
Mailing Address:	PO Box 354110
Mailing City,State,Zip:	Seattle, WA 98195
Legal Organization Name:	WA UW EHS
Legal Organization Type:	State
Legal Contact:	Not reported
Legal Address:	PO Box 354110
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98195
Legal Phone Number:	206-543-0467
Legal Effective Date:	09/01/2009
Land Organization Name:	Glen Springs Holding Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5005 LBJ Freeway Ste 1350
Land City,State,Zip:	Dallas, TX 75244-6119
Land Phone Number:	972-687-7506
Operator Organization Name:	WA UW EHS
Operator Organization Type:	State

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Operator:	Not reported
Operator Address:	PO Box 354110
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98195
Operator Phone Number:	206-543-0467
Operator Effective Date:	09/01/2009
Site Contact:	Douglas Gallucci
Site Contact Address:	PO Box 354110
Contact City,State,Zip:	Seattle, WA 98195
Site Contact Phone Number:	206-543-0467
Site Contact Email:	douglasg@u.washington.edu
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	Contaminated Solids-DW
CORb Sequence Number:	137425
Sequence Number:	2669033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	250
Quanity Unit:	K
Kilograms Quanity:	249.999999
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137425
Waste Sequence Number:	2669033
Sequence Number:	1380203
Shipment Date:	2012-08-27 00:00:00

UW PHYTOREMEDIATION FIELD SITE (Continued) **S112088249**

Mainfest Document ID: 22533
Reported Quanity: 250
Unit of Measure: K
Kilograms Quanity: 249.999999
Receiving EPAID: UTD981552177

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 137425
Waste Sequence Number: 2669033
Sequence Number: 668690
Received EPAID: UTD981552177
Managed Quanity: 250
Kilogram Quanity: 249.999999
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream EPA Code:
CORB Waste Sequence Number: 137425
Waste Sequence Number: 2669033
Sequence Number: 5936096
WCDA Code: D040

Waste Stream Source Code:
CORB Waste Sequence Number: 137425
Waste Sequence Number: 2669033
Sequence Number: 1
WCDD Code: G15

X97 **NISSAN OF FIFE** **WA ALLSITES** **S109824784**
East **1700 ALEXANDER AVE E** **N/A**
1/4-1/2 **TACOMA, WA 98424**
0.384 mi.
2025 ft. **Site 1 of 2 in cluster X**

Relative:
Lower
Actual:
15 ft.

ALLSITES:
Name: NISSAN OF FIFE
Facility Id: 23555

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98 **COAST ENGINE & EQUIPMENT CORP** **WA VCP** **S124433535**
NE **4012 SR 509 S FRONTAGE RD** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.384 mi.
2026 ft.

Relative:
Lower
Actual:
14 ft.

VCP:
Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported

COAST ENGINE & EQUIPMENT CORP (Continued) **S124433535**

VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Arsenic
Soil: Remediated-Below

Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Metals Priority Pollutants
Soil: Remediated-Below

Name: COAST ENGINE & EQUIPMENT CORP
Address: 4012 SR 509 S FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 26693246
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2016-09-16
Rank: Not reported
Cleanup Siteid: 4267
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated-Below

U99 **PENSKE TRUCK LEASING CO FIFE** **WA ALLSITES** **1007068796**
SE **2105 FRANK ALBERT RD E STE A** **FINDS** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.396 mi.
2089 ft. **Site 3 of 3 in cluster U**

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: PENSKE TRUCK LEASING CO FIFE
Facility Id: 55388197

FINDS:
Registry ID: 110015453962

PENSKE TRUCK LEASING CO FIFE (Continued) **1007068796**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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100 ESE 1/4-1/2 0.396 mi. 2091 ft. | **COSTCO BUSINESS CENTER 767**
3900 20TH ST E
FIFE, WA 98424 | **WA ALLSITES** **S109556840**
WA MANIFEST **N/A**

Relative: Lower
Actual: 18 ft.

ALLSITES:
Name: COSTCO BUSINESS CENTER 767
Facility Id: 65249443

WA MANIFEST:

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D002,D001,D009,D003,P075
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	David McHargue
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Acidic Liquids, Corrosive
CORb Sequence Number:	165089

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number:	3493774
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Aerosols
CORb Sequence Number:	165089
Sequence Number:	3493776
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.44320009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Basic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493777
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W320
Description:	Broken Fluorescent Lamps
CORb Sequence Number:	165089
Sequence Number:	3493778
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	405
Quanity Unit:	LB
Kilograms Quanity:	183.708003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	165089
Sequence Number:	3493780
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	Intact Electronic Cigarettes
CORb Sequence Number:	165089
Sequence Number:	3493781
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	387

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Quanity Unit:	LB
Kilograms Quanity:	175.543203
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	Oxidizing Solids
CORb Sequence Number:	165089
Sequence Number:	3493782
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WA Regulated Liquids & Solids
CORb Sequence Number:	165089
Sequence Number:	3493783
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	258
Quanity Unit:	LB
Kilograms Quanity:	117.028802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Non Flammable Aerosols (Nitrous Oxide)
CORb Sequence Number:	165089
Sequence Number:	3493785
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	31
Quanity Unit:	LB
Kilograms Quanity:	14.0616002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493774
Sequence Number:	2097981
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493774
Sequence Number:	2097982
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097985
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097986
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097987
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097988
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493777
Sequence Number:	2097989
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493778
Sequence Number:	2098002
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	405
Unit of Measure:	LB
Kilograms Quanity:	183.708003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098005
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098006
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098007
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165089
Waste Sequence Number:	3493776
Sequence Number:	956027
Received EPAID:	WAD020257945
Managed Quanity:	12
Kilogram Quanity:	5.44320009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493777
Sequence Number:	956028
Received EPAID:	WAD020257945
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493778
Sequence Number:	956031
Received EPAID:	WAD020257945
Managed Quanity:	405
Kilogram Quanity:	183.708003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493783
Sequence Number:	956037
Received EPAID:	WAD020257945
Managed Quanity:	258
Kilogram Quanity:	117.028802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493785
Sequence Number:	956039
Received EPAID:	WAD020257945
Managed Quanity:	31
Kilogram Quanity:	14.0616002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493774
Sequence Number:	956024
Received EPAID:	WAD020257945
Managed Quanity:	7
Kilogram Quanity:	3.17520005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493780
Sequence Number:	956034
Received EPAID:	WAD020257945
Managed Quanity:	11
Kilogram Quanity:	4.98960008
Recycled Percentage:	0
Waste Management System Code:	H141

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number: 3493781
Sequence Number: 956035
Received EPAID: INR000110197
Managed Quanity: 387
Kilogram Quanity: 175.543203
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493782
Sequence Number: 956036
Received EPAID: WAD020257945
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165089
Comments: A-7 G09: Bulb replacements
Waste Sequence Number: 3493778
Sequence Number: 1

Comments: A-8 W319: Chlorine
Waste Sequence Number: 3493782
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493774
Sequence Number: 8215036
WCDA Code: D002

Waste Sequence Number: 3493776
Sequence Number: 8255485
WCDA Code: D001

Waste Sequence Number: 3493777
Sequence Number: 8215063
WCDA Code: D002

Waste Sequence Number: 3493778
Sequence Number: 8215085
WCDA Code: D009

Waste Sequence Number: 3493780
Sequence Number: 8215115
WCDA Code: D001

Waste Sequence Number: 3493781
Sequence Number: 8255483
WCDA Code: D003

Waste Sequence Number: 3493781
Sequence Number: 8255484
WCDA Code: P075

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number: 3493782
Sequence Number: 8215135
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493778
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3493774
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493776
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493777
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493780
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493781
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493782
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493783
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493785
Sequence Number: 1
WCDD Code: G11

Name: COSTCO BUSINESS CENTER 767
Address: 3900 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility Address 2: Not reported
Facility ID: 65249443
EPA ID: WAH000000091
NAICS: 493110
State Waste Code Desc: Not reported
Federal Waste Code Desc: D001,D002,D009,D003,P075
Form Comm: Not reported
Data Year: 2017
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	(425)313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	(425)313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	(425)313-8100
Operator Effective Date:	01/01/2010
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W105
Description:	Acidic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493774
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Aerosols
CORb Sequence Number:	165089
Sequence Number:	3493776
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.44320009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Basic Liquids, Corrosive
CORb Sequence Number:	165089
Sequence Number:	3493777
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W320
Description:	Broken Fluorescent Lamps
CORb Sequence Number:	165089
Sequence Number:	3493778
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	405
Quanity Unit:	LB
Kilograms Quanity:	183.708003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	165089
Sequence Number:	3493780
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	Intact Electronic Cigarettes
CORb Sequence Number:	165089
Sequence Number:	3493781
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	387
Quanity Unit:	LB
Kilograms Quanity:	175.543203
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319
Description:	Oxidizing Solids
CORb Sequence Number:	165089
Sequence Number:	3493782
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDB Code:	W001
Description:	WA Regulated Liquids & Solids
CORb Sequence Number:	165089
Sequence Number:	3493783
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	258
Quanity Unit:	LB
Kilograms Quanity:	117.028802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Non Flammable Aerosols (Nitrous Oxide)
CORb Sequence Number:	165089
Sequence Number:	3493785
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	31
Quanity Unit:	LB
Kilograms Quanity:	14.0616002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165089
Waste Sequence Number:	3493774
Sequence Number:	2097981
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493774
Sequence Number:	2097982
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493776
Sequence Number:	2097985
Shipment Date:	2017-03-14 00:00:00

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Mainfest Document ID:	010060357FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3493776
Sequence Number:	2097986
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	6
Unit of Measure:	LB
Kilograms Quanity:	2.72160004
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3493776
Sequence Number:	2097987
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3493777
Sequence Number:	2097988
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3493777
Sequence Number:	2097989
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	3
Unit of Measure:	LB
Kilograms Quanity:	1.36080002
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3493778
Sequence Number:	2098002
Shipment Date:	2017-03-14 00:00:00
Mainfest Document ID:	010060357FLE
Reported Quanity:	405
Unit of Measure:	LB
Kilograms Quanity:	183.708003
Receiving EPAID:	WAD020257945

Waste Sequence Number:	3493780
Sequence Number:	2098005
Shipment Date:	2017-01-17 00:00:00
Mainfest Document ID:	009219233FLE
Reported Quanity:	5
Unit of Measure:	LB

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098006
Shipment Date:	2017-05-30 00:00:00
Mainfest Document ID:	010672972FLE
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3493780
Sequence Number:	2098007
Shipment Date:	2017-08-15 00:00:00
Mainfest Document ID:	010751333FLE
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165089
Waste Sequence Number:	3493776
Sequence Number:	956027
Received EPAID:	WAD020257945
Managed Quanity:	12
Kilogram Quanity:	5.44320009
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493777
Sequence Number:	956028
Received EPAID:	WAD020257945
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493778
Sequence Number:	956031
Received EPAID:	WAD020257945
Managed Quanity:	405
Kilogram Quanity:	183.708003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493783
Sequence Number:	956037
Received EPAID:	WAD020257945
Managed Quanity:	258
Kilogram Quanity:	117.028802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3493785
Sequence Number:	956039

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Received EPAID: WAD020257945
Managed Quanity: 31
Kilogram Quanity: 14.0616002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493774
Sequence Number: 956024
Received EPAID: WAD020257945
Managed Quanity: 7
Kilogram Quanity: 3.17520005
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493780
Sequence Number: 956034
Received EPAID: WAD020257945
Managed Quanity: 11
Kilogram Quanity: 4.98960008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493781
Sequence Number: 956035
Received EPAID: INR000110197
Managed Quanity: 387
Kilogram Quanity: 175.543203
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3493782
Sequence Number: 956036
Received EPAID: WAD020257945
Managed Quanity: 1
Kilogram Quanity: 0.45360000
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165089
Comments: A-7 G09: Bulb replacements
Waste Sequence Number: 3493778
Sequence Number: 1

Comments: A-8 W319: Chlorine
Waste Sequence Number: 3493782
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493774
Sequence Number: 8215036
WCDA Code: D002

Waste Sequence Number: 3493776
Sequence Number: 8255485

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

WCDA Code: D001

Waste Sequence Number: 3493777
Sequence Number: 8215063
WCDA Code: D002

Waste Sequence Number: 3493778
Sequence Number: 8215085
WCDA Code: D009

Waste Sequence Number: 3493780
Sequence Number: 8215115
WCDA Code: D001

Waste Sequence Number: 3493781
Sequence Number: 8255483
WCDA Code: D003

Waste Sequence Number: 3493781
Sequence Number: 8255484
WCDA Code: P075

Waste Sequence Number: 3493782
Sequence Number: 8215135
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165089
Waste Sequence Number: 3493778
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3493774
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493776
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493777
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493780
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493781
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493782
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3493783

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3493785
Sequence Number:	1
WCDD Code:	G11

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D018
Form Comm:	Site Contact updated
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	David McHargue
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D002,D001
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Costco Wholesale Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	999 Lake Dr
Operator Address 2:	Not reported
Operator City,State,Zip:	Issaquah, WA 98027
Operator Phone Number:	425-313-8100
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		True
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601024674
Business Type:		Business Center with Gen
Mail Name:		Costco Wholesale #767
Mailing Address:		PO Box 35005
Mailing City,State,Zip:		Seattle, WA 98124-3405
Legal Organization Name:		Costco Wholesale Corporation
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		999 Lake Dr
Legal Address 2:		Not reported
Legal City,State,Zip:		Issaquah, WA 98027
Legal Phone Number:		425-313-8100
Legal Effective Date:		01/01/2002
Land Organization Name:		Costco Wholesale Corporation
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		999 Lake Dr
Land City,State,Zip:		Issaquah, WA 98027
Land Phone Number:		425-313-8100
Operator Organization Name:		Not reported
Operator Organization Type:		Private
Operator:		Michael Garcia
Operator Address:		3900 20th St E
Operator Address 2:		Not reported
Operator City,State,Zip:		Fife, WA 98424
Operator Phone Number:		253-719-1950
Operator Effective Date:		01/01/2010
Site Contact:		Michael Garcia
Site Contact Address:		3900 20th St E
Contact City,State,Zip:		Fife, WA 98424
Site Contact Phone Number:		253-719-1950
Site Contact Email:		w767mgr@costco.com
Gen Status Code:		SQG
Monthly Generation:		True
Batch Generation:		False
One Time Generation:		False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	Lighters
CORb Sequence Number:	147578
Sequence Number:	3302465
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Aerosols
CORb Sequence Number:	147578
Sequence Number:	3302463
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	850
Quanity Unit:	LB
Kilograms Quanity:	385.560006
Density Number:	0
Density Quanity:	Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Flammable Liquids
CORb Sequence Number:	147578
Sequence Number:	3302464
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	33
Quanity Unit:	LB
Kilograms Quanity:	14.9688002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Oxidizing Liquids
CORb Sequence Number:	147578
Sequence Number:	3302466
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Propane and Butane Cylinders
CORb Sequence Number:	147578

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number:	3302483
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7
Quanity Unit:	LB
Kilograms Quanity:	3.17520005
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147578
Waste Sequence Number:	3302464
Sequence Number:	1789548
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	9
Unit of Measure:	LB
Kilograms Quanity:	4.08240007
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302464
Sequence Number:	1789547
Shipment Date:	2014-03-07 00:00:00
Mainfest Document ID:	006276840FLE
Reported Quanity:	24
Unit of Measure:	LB
Kilograms Quanity:	10.8864001
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302466
Sequence Number:	1789550
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302483
Sequence Number:	1789567
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	7
Unit of Measure:	LB
Kilograms Quanity:	3.17520005
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302463
Sequence Number:	1789546
Shipment Date:	2014-11-05 00:00:00
Mainfest Document ID:	005964193FLE
Reported Quanity:	169
Unit of Measure:	LB
Kilograms Quanity:	76.6584013
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3302463

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Sequence Number:	1789543
Shipment Date:	2014-03-07 00:00:00
Mainfest Document ID:	006276840FLE
Reported Quanity:	265
Unit of Measure:	LB
Kilograms Quanity:	120.204002
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302463
Sequence Number:	1789544
Shipment Date:	2014-05-23 00:00:00
Mainfest Document ID:	006276974FLE
Reported Quanity:	238
Unit of Measure:	LB
Kilograms Quanity:	107.956801
Receiving EPAID:	INR000110197
Waste Sequence Number:	3302463
Sequence Number:	1789545
Shipment Date:	2014-08-13 00:00:00
Mainfest Document ID:	006288094FLE
Reported Quanity:	178
Unit of Measure:	LB
Kilograms Quanity:	80.7408013
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3302465
Sequence Number:	1789549
Shipment Date:	2014-05-23 00:00:00
Mainfest Document ID:	006276974FLE
Reported Quanity:	1
Unit of Measure:	LB
Kilograms Quanity:	0.45360000
Receiving EPAID:	INR000110197

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	147578
Waste Sequence Number:	3302464
Sequence Number:	833632
Received EPAID:	INR000110197
Managed Quanity:	24
Kilogram Quanity:	10.8864001
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302464
Sequence Number:	833633
Received EPAID:	WAD020257945
Managed Quanity:	9
Kilogram Quanity:	4.08240007
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302466
Sequence Number:	833635
Received EPAID:	WAD020257945
Managed Quanity:	1

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Kilogram Quanity:	0.45360000
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302483
Sequence Number:	833652
Received EPAID:	WAD020257945
Managed Quanity:	7
Kilogram Quanity:	3.17520005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302463
Sequence Number:	833629
Received EPAID:	INR000110197
Managed Quanity:	503
Kilogram Quanity:	228.160803
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302463
Sequence Number:	833630
Received EPAID:	WAD020257945
Managed Quanity:	169
Kilogram Quanity:	76.6584013
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302463
Sequence Number:	833631
Received EPAID:	WAD991281767
Managed Quanity:	178
Kilogram Quanity:	80.7408013
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3302465
Sequence Number:	833634
Received EPAID:	INR000110197
Managed Quanity:	1
Kilogram Quanity:	0.45360000
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	147578
Waste Sequence Number:	3302463
Sequence Number:	7568244
WCDA Code:	D001
Waste Sequence Number:	3302465
Sequence Number:	7407454
WCDA Code:	D001
Waste Sequence Number:	3302464
Sequence Number:	7407451
WCDA Code:	D001

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Waste Sequence Number: 3302466
Sequence Number: 7407457
WCDA Code: D001

Waste Sequence Number: 3302483
Sequence Number: 7407486
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 147578
Waste Sequence Number: 3302463
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302464
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302465
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302466
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3302483
Sequence Number: 1
WCDD Code: G11

Name: COSTCO BUSINESS CENTER 767
Address: 3900 20TH ST E
City,State,Zip: FIFE, WA 98424
Facility Address 2: Not reported
Facility ID: 65249443
EPA ID: WAH000000091
NAICS: 493110
State Waste Code Desc: Not reported
Federal Waste Code Desc: D001, D002
Form Comm: Not reported
Data Year: 2013
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002
Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	XQG
Monthly Generation:	False

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	COSTCO BUSINESS CENTER 767
Address:	3900 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility Address 2:	Not reported
Facility ID:	65249443
EPA ID:	WAH000000091
NAICS:	493110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024674
Business Type:	Business Center with Gen
Mail Name:	Costco Wholesale #767
Mailing Address:	PO Box 35005
Mailing City,State,Zip:	Seattle, WA 98124-3405
Legal Organization Name:	Costco Wholesale Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	999 Lake Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Issaquah, WA 98027
Legal Phone Number:	425-313-8100
Legal Effective Date:	01/01/2002

COSTCO BUSINESS CENTER 767 (Continued) **S109556840**

Land Organization Name:	Costco Wholesale Corporation
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	999 Lake Dr
Land City,State,Zip:	Issaquah, WA 98027
Land Phone Number:	425-313-8100
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Michael Garcia
Operator Address:	3900 20th St E
Operator Address 2:	Not reported
Operator City,State,Zip:	Fife, WA 98424
Operator Phone Number:	253-719-1950
Operator Effective Date:	01/01/2010
Site Contact:	Michael Garcia
Site Contact Address:	3900 20th St E
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	253-719-1950
Site Contact Email:	w767mgr@costco.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

101
ESE
1/4-1/2
0.399 mi.
2107 ft.

BMW NORTHWEST VEHICLE DISPLAY LOT **WA ALLSITES** **S111289256**
1902 GOLDAU RD E **N/A**
FIFE, WA 98424

Relative:
Lower

Actual:
17 ft.

ALLSITES:

Name:	BMW NORTHWEST VEHICLE DISPLAY LOT
Facility Id:	21366

X102 East 1/4-1/2 0.408 mi. 2156 ft. | **LARSON AUTOMOTIVE FIFE**
1701 ALEXANDER AVE E
FIFE, WA 98424

Site 2 of 2 in cluster X

WA ALLSITES | **S110700690**
N/A

Relative: Lower
Actual: 15 ft.

ALLSITES:
Name: LARSON AUTOMOTIVE FIFE
Facility Id: 4431

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103 ENE 1/4-1/2 0.416 mi. 2199 ft. | **RUSHFORTH CONSTRUCTION CO INC**
1308 ALEXANDER AVE E
TACOMA, WA 98242

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1001490222
WAD009503665

Relative: Lower
Actual: 13 ft.

ALLSITES:
Name: RUSHFORTH CONSTRUCTION CO INC
Facility Id: 65325229

RCRA Listings:

Date Form Received by Agency:	2003-07-11 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Handler Address:	1308 ALEXANDER AVE E
Handler City,State,Zip:	TACOMA, WA 98242
EPA ID:	WAD009503665
Contact Name:	ROY CUTLER
Contact Address:	6021 12TH ST E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1884
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6021 12TH ST E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	RUSHFORTH CONSTRUCTION CO INC
Owner Type:	Private
Operator Name:	RUSHFORTH, RANDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:04:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDY R
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RANDY R
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	Not reported

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	1996-12-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH CONSTRUCTION CO INC
Legal Status:	Private
Date Became Current:	2000-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUSHFORTH, RANDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6021 12TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1884
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-10-20 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-10 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-11 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-10-20 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-13 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-08-09 00:00:00.0

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-10 00:00:00.0
Handler Name:	RUSHFORTH CONSTRUCTION CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23622
NAICS Description:	COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110008215733

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

RUSHFORTH CONSTRUCTION CO INC (Continued) **1001490222**

ECHO:

Envid:	1001490222
Registry ID:	110008215733
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008215733
Name:	RUSHFORTH CONSTRUCTION CO INC
Address:	1308 ALEXANDER AVE E
City,State,Zip:	TACOMA, WA 98242

Y104 **SUSAN KAELIN PROPERTY** **WA ALLSITES** **S105150076**
ENE **1409 ALEXANDER AVE E** **WA CSCSL NFA** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.424 mi.
2240 ft. **Site 1 of 2 in cluster Y**

Relative:
Lower

Actual:
13 ft.

ALLSITES:

Name:	SUSAN KAELIN PROPERTY
Facility Id:	84439736

CSCSL NFA:

Name:	SUSAN KAELIN PROPERTY
Address:	1409 ALEXANDER AVE E
City,State,Zip:	FIFE, WA 98424
Facility/Site Id:	84439736
CS Id:	3617
NFA Date:	11/20/2001
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.244591
Longitude:	-122.372791

Y105 **SUSAN KAELIN PROPERTY** **WA VCP** **S124436212**
ENE **1409 ALEXANDER AVE E** **N/A**
1/4-1/2 **FIFE, WA 98424**
0.424 mi.
2240 ft. **Site 2 of 2 in cluster Y**

Relative:
Lower

Actual:
13 ft.

VCP:

Name:	SUSAN KAELIN PROPERTY
Address:	1409 ALEXANDER AVE E
City,State,Zip:	FIFE, WA 98424
edr_fstat:	WA
edr_fzip:	98424
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	84439736
VCP Status:	Not reported

SUSAN KAELIN PROPERTY (Continued) **S124436212**

VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2001-11-20
Rank:	Not reported
Cleanup Siteid:	3617
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

---

106 West 1/4-1/2 0.426 mi. 2247 ft.

SPECIALTY WOOD MFG CO INC
2614 PACIFIC HWY E
FIFE, WA 98424

WA ALLSITES **1000171543**
RCRA NonGen / NLR **WAD982659864**
FINDS
ECHO
WA MANIFEST

Relative: Lower

Actual: 15 ft.

ALLSITES:

Name:	ASHLAND INC TACOMA
Facility Id:	3459
Name:	SPECIALTY WOOD MFG CO INC
Facility Id:	46236872

RCRA Listings:

Date Form Received by Agency:	1997-08-23 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Handler Address:	2614 PACIFIC HWY E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD982659864
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7717 PORTLAND AVE E
Mailing City,State,Zip:	TACOMA, WA 98404
Owner Name:	SPECIALTY WOOD MFG CO INC
Owner Type:	Private
Operator Name:	SPECIALTY WOOD MFG CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 16:08:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD S
Legal Status:	Private

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1017
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424-1017
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPECIALTY WOOD MFG CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2614 PACIFIC HWY E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-08-22 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-08-22 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-08-23 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-08-22 00:00:00.0
Handler Name:	SPECIALTY WOOD MFG CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23813
NAICS Description:	FRAMING CONTRACTORS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005348383

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000171543
Registry ID:	110005348383
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005348383
Name:	SPECIALTY WOOD MFG CO INC

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Address: 2614 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424

WA MANIFEST:

Name:	ASHLAND INC - TACOMA
Address:	2614 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	3459
EPA ID:	WAH000046884
NAICS:	424690
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	EH&S DA-5
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602500078
Business Type:	Chemical warehouse
Mail Name:	Not reported
Mailing Address:	5200 Blazer Pkwy
Mailing City,State,Zip:	Dublin, OH 43017
Legal Organization Name:	2614 Building LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2115 N 30th St Ste 201
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98403
Legal Phone Number:	(253)426-1250
Legal Effective Date:	01/01/1996
Land Organization Name:	2614 Building LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2115 N 30th St Ste 201
Land City,State,Zip:	Tacoma, WA 98403
Land Phone Number:	(253)426-1250
Operator Organization Name:	JL Darling Corp
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2614 Pacific Hwy E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424

SPECIALTY WOOD MFG CO INC (Continued) **1000171543**

Operator Phone Number:	(253)922-5000 ext 235
Operator Effective Date:	10/01/1996
Site Contact:	John Mattingly
Site Contact Address:	2614 Pacific Hwy E
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-5000 ext 235
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Z107 **AUTO WAREHOUSING CO** **WA HSL** **1000327287**
NE **3715 E WEST RD** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA LUST**
0.427 mi. **WA UST**
2253 ft. **Site 1 of 2 in cluster Z** **WA ALLSITES**

Relative:
Lower

Actual:
14 ft.

HSL:

Name:	AUTO WAREHOUSING CO TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	97814788
Rank:	3
Region:	SW
EDR Link ID:	97814788
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	AUTO WAREHOUSING CO TACOMA
Address:	3715 E WEST RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	97814788
Region:	Southwest
Lat/Long:	47.24769 / -122.37567
Clean Up Siteid:	6974
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents

AUTO WAREHOUSING CO (Continued) **1000327287**

Alternate Site Names: AUTO WAREHOUSING CO
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: AUTO WAREHOUSING CO TACOMA
Address: 3715 E WEST RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 97814788
Region: Southwest
Lat/Long: 47.24769 / -122.37567
Clean Up Siteid: 6974
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: AUTO WAREHOUSING CO
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: AUTO WAREHOUSING CO TACOMA
Address: 3715 E WEST RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 97814788
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6974
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: AUTO WAREHOUSING CO
Response Section: Southwest
Release Date: 04/11/1990
Lust Date: 05/18/2006
Region: Southwest
Lust ID: 1294
UST ID: 1973
Contaminant Name: Non-Halogenated Solvents
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Bedrock:	Not reported
Lat/Long:	47.24769 / -122.37567

Name:	AUTO WAREHOUSING CO TACOMA
Address:	3715 E WEST RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	97814788
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6974
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	AUTO WAREHOUSING CO
Response Section:	Southwest
Release Date:	04/11/1990
Lust Date:	05/18/2006
Region:	Southwest
Lust ID:	1294
UST ID:	1973
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24769 / -122.37567

UST:

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421
Facility ID:	97814788
Site Id:	1973
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24769
Decimal Longitude:	-122.37567

Tank Name:	T-25
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	10/08/2004
Tank Install Date:	10/10/1990
Tank Closure Date:	11/24/2004
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/03/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Performed
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-26
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	10/08/2004
Tank Install Date:	10/10/1990
Tank Closure Date:	11/24/2004
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	12/03/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Performed
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-6
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported

AUTO WAREHOUSING CO (Continued) **1000327287**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-7
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AUTO WAREHOUSING CO
Address:	3715 E WEST RD
City:	TACOMA
Zip:	98421

Tank Name:	T-8
Tag Number:	A4521
Tank Status:	Removed
Tank Status Date:	08/06/1996

AUTO WAREHOUSING CO (Continued) **1000327287**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	AUTO WAREHOUSING CO TACOMA
Facility Id:	97814788
Name:	NORTH LEAD RAIL
Facility Id:	23525

Z108 **MARINE TERMINAL CORPORATION** **WA ALLSITES** **S108479784**
NE **4015 SR 509 N FRONTAGE RD** **WA MANIFEST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.437 mi.
2307 ft. **Site 2 of 2 in cluster Z**

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	EVERGREEN PIERCE COUNTY TERMINAL
Facility Id:	5427431

WA MANIFEST:

Name:	MARINE TERMINAL CORPORATION
Address:	4015 SR 509 N FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5427431
EPA ID:	WAH000028208
NAICS:	488310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE

MARINE TERMINAL CORPORATION (Continued) **S108479784**

Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601024735
Business Type:	Intermodal Container Term
Mail Name:	Marine Terminals Corporation
Mailing Address:	4015 SR 509 N Frontage Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Evergreen America Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11734 S Election Dr Ste 150
Legal Address 2:	Not reported
Legal City,State,Zip:	Draper, UT 84020
Legal Phone Number:	(801)999-2200
Legal Effective Date:	12/28/2004
Land Organization Name:	Port of Tacoma
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	PO Box 1837
Land City,State,Zip:	Tacoma, WA 98401-1837
Land Phone Number:	(253)383-5841
Operator Organization Name:	Marine Terminals Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	4015 SR 509 N Frontage Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)896-8300
Operator Effective Date:	12/28/2004
Site Contact:	Mark Miller
Site Contact Address:	4015 SR 509 N Frontage Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)896-8301
Site Contact Email:	mmiller@mtcorp.com
Gen Status Code:	MQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE

MARINE TERMINAL CORPORATION (Continued) **S108479784**

Used Oil Refiner: FALSE
Used Oil Fuel Marketer Directs Shipments: FALSE
Used Oil Fuel Marketer Meets Specs: FALSE
Site Contact Address 2: Not reported

109
WNW
1/4-1/2
0.466 mi.
2458 ft.

AMERICOLD
1301 26TH AVE E
FIFE, WA 98424

WA ALLSITES **S113230195**
WA NPDES **N/A**

Relative:
Lower

Actual:
13 ft.

ALLSITES:
Name: AMERICOLD
Facility Id: 22449

NPDES:
Name: AMERICOLD
Address: 1301 26TH AVE E
City,State,Zip: FIFE, WA 98424
Facility Status: Active
Facility Type: Industrial SW GP
Admin Region: Headqarters
Date Issued: 11/20/2019
Latitude: 47.24484000
Longitude: -122.394088
Permit ID: WAR126724
Permit Version: 1
Permit Status: Active
Permit SubStatus: Coverage Issued
Ecology Contact: Paul Stasch
WRIA: Puyallup-White
Permit Expiration Date: 12/31/2024
Effective Date: 01/01/2020
Days to Expiration: -1632

110
East
1/4-1/2
0.472 mi.
2491 ft.

PACIFIC XPRESS
4310 PACIFIC HWY E
FIFE, WA 98424

WA CSCSL **S108023782**
WA ALLSITES **N/A**
WA SPILLS
WA Financial Assurance
WA PTAP

Relative:
Lower

Actual:
14 ft.

CSCSL:
Name: PACIFIC XPRESS
Address: 4310 PACIFIC HWY E
City,State,Zip: FIFE, WA 98424
Facility ID: 48521859
Region: Southwest
Lat/Long: 47.242819802912 / -122.3704731167
Clean Up Siteid: 14611
Site Status: Awaiting Cleanup
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: PETROCARD,PETROCARD INC
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported

PACIFIC XPRESS (Continued) **S108023782**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	PETROCARD,PETROCARD INC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest
Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	PETROCARD,PETROCARD INC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

Name:	PACIFIC XPRESS
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Facility ID:	48521859
Region:	Southwest

PACIFIC XPRESS (Continued) **S108023782**

Lat/Long:	47.242819802912 / -122.3704731167
Clean Up Siteid:	14611
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	PETROCARD,PETROCARD INC
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

ALLSITES:

Name:	PACIFIC XPRESS
Facility Id:	48521859

SPILLS:

Name:	LEE & EASTES
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA
Facility ID:	608793
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	15
Material Units:	GALLON
Date Received:	10/08/2008
Contact Name:	Osborn
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA Financial Assurance 1:

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2015
Expiration Date:	12/31/2016
Address 2:	Not reported
Policy Number:	BTA-9988946-04

PACIFIC XPRESS (Continued) **S108023782**

Effective Date:	12/31/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE
Inception Date:	12/31/2016
Expiration Date:	12/31/2017
Address 2:	Not reported
Policy Number:	BTA-9988946-05
Effective Date:	12/31/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2016
Expiration Date:	12/31/2017
Address 2:	Not reported
Policy Number:	BTA 9988946-05
Effective Date:	12/31/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	12/31/2017
Expiration Date:	12/31/2018
Address 2:	Not reported
Policy Number:	BTA 9988946-06
Effective Date:	12/31/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803

PACIFIC XPRESS (Continued) **S108023782**

Longitude:	-122.37047312
Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
DOE Site ID:	7365
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	11/28/2018
Expiration Date:	12/31/2019
Address 2:	Not reported
Policy Number:	BTA 9988946-07
Effective Date:	11/28/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.242819803
Longitude:	-122.37047312

PTAP:

Name:	PETROCARD INC
Address:	4310 PACIFIC HWY E
City,State,Zip:	FIFE, WA 98424
Site ID:	PSW025
FSID Number:	48521859
Entry Date:	04/20/2018
Status:	In Progress

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111 ESE 1/4-1/2 0.487 mi. 2570 ft.

Relative: Lower

Actual: 17 ft.

HONDA OF FIFE
4301 20TH ST E
FIFE, WA 98424

WA CSCSL **1000184492**
WA LUST **WAD147231880**
WA UST
WA ICR
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

CSCSL:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	72856623
Region:	Southwest
Lat/Long:	47.23935 / -122.37191
Clean Up Siteid:	10299
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	72856623
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	10299
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	01/12/1999
Lust Date:	06/22/2000
Region:	Southwest
Lust ID:	5162
UST ID:	10218
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23935 / -122.37191

UST:

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City:	FIFE
Zip:	98424
Facility ID:	72856623
Site Id:	10218
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23935
Decimal Longitude:	-122.37191
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1985
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1985
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	03/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/12/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/14/00
Contaminants Found at Site:	Petroleum products

HONDA OF FIFE (Continued) **1000184492**

Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-26
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/29/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-29
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring

Date Ecology Received Report: 07/02/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-38
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring Report

Date Ecology Received Report: 09/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-40
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring Report

Date Ecology Received Report: 12/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-43
County Code: 27
Contact: Not reported
Report Title: Quarterly Ground Water Monitoring - November 2001

Date Ecology Received Report: 03/14/02

ALLSITES:
Name: HONDA OF FIFE
Facility Id: 72856623

HONDA OF FIFE (Continued) **1000184492**

RCRA Listings:

Date Form Received by Agency:	2003-08-07 00:00:00.0
Handler Name:	HONDA OF FIFE
Handler Address:	4301 20TH ST E
Handler City,State,Zip:	FIFE, WA 98424
EPA ID:	WAD147231880
Contact Name:	DEAN LEE JR
Contact Address:	4301 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-2673
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	4301 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	HONDA OF FIFE
Owner Type:	Private
Operator Name:	LEE JR, DEAN D
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

HONDA OF FIFE (Continued) **1000184492**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:33:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.

HONDA OF FIFE (Continued) **1000184492**

Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE JR, DEAN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

HONDA OF FIFE (Continued) **1000184492**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HONDA OF FIFE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEAN LEE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4301 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-2673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-08-07 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

HONDA OF FIFE (Continued) **1000184492**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-05-09 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-05 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

HONDA OF FIFE (Continued) **1000184492**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-16 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-05 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-08-06 00:00:00.0
Handler Name:	HONDA OF FIFE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HONDA OF FIFE (Continued) **1000184492**

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2015-12-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAMTS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HONDA OF FIFE (Continued) **1000184492**

FINDS:
Registry ID: 110005332087

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110070339584

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000184492
Registry ID:	110005332087
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005332087
Name:	HONDA OF FIFE
Address:	4301 20TH ST E
City,State,Zip:	FIFE, WA 98424

---

112 SW 1/4-1/2 0.489 mi. 2584 ft. **WSDOT I-5 RIVER RD STORM WATER AREA B** **WA CSCSL** **S118821263**
WA ALLSITES **N/A**

PIERCE (County), WA

Relative: Higher
Actual: 21 ft.

CSCSL:

Name:	WSDOT I-5 RIVER RD STORM WATER AREA B
Address:	Not reported
City,State,Zip:	WA
Facility ID:	5717
Region:	Southwest
Lat/Long:	47.237631644747 / -122.3909939620
Clean Up Siteid:	13046
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	WA DOT I5 River Rd Storm Water Area B
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

WSDOT I-5 RIVER RD STORM WATER AREA B (Continued) **S118821263**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WSDOT I-5 RIVER RD STORM WATER AREA B
Address:	Not reported
City,State,Zip:	WA
Facility ID:	5717
Region:	Southwest
Lat/Long:	47.237631644747 / -122.3909939620
Clean Up Siteid:	13046
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	WA DOT I5 River Rd Storm Water Area B
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WA DOT I5 RIVER RD STORM WATER AREA B
Facility Id:	5717

AA113 **MURRAY PACIFIC TIMBER LLC** **WA ALLSITES** **1005445111**
NNW **3209 PORT OF TACOMA RD** **RCRA NonGen / NLR** **WAH000013664**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.497 mi. **ECHO**
2626 ft. **Site 1 of 3 in cluster AA**

Relative:
Lower

Actual:
14 ft.

ALLSITES:

Name:	MURRAY PACIFIC TIMBER LLC
Facility Id:	35233737

RCRA Listings:

Date Form Received by Agency:	2002-11-19 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Handler Address:	3209 PORT OF TACOMA RD
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000013664
Contact Name:	DOUG KRUEGER
Contact Address:	1201 PACIFIC AVE
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-591-9896
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2901 PORT OF TACOMA RD
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TACOMA PORT
Owner Type:	Private
Operator Name:	MURRAY PACIFIC TIMBER LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:15:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2901 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5871
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2901 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5871
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3209 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2901 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5871
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2901 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5871
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3209 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT T
Legal Status:	Private
Date Became Current:	2002-01-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK J
Legal Status:	Private
Date Became Current:	2000-12-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2901 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5871
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	2002-01-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3209 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	2002-01-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	2002-01-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MURRAY PACIFIC TIMBER LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2901 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5871
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1837
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	360-383-5841
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-11-18 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-11-18 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-11-19 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-12-20 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-14 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-08 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-11-18 00:00:00.0
Handler Name:	MURRAY PACIFIC TIMBER LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	11331
NAICS Description:	LOGGING

Facility Has Received Notices of Violation:

No Violations Found:

MURRAY PACIFIC TIMBER LLC (Continued) **1005445111**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110012562510

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005445111
Registry ID:	110012562510
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012562510
Name:	MURRAY PACIFIC TIMBER LLC
Address:	3209 PORT OF TACOMA RD
City,State,Zip:	TACOMA, WA 98421

AA114 **KAWASAKI THERMAL SYSTEMS INC** **WA ALLSITES** **S121970464**
NNW **3205A PORT OF TACOMA RD** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.498 mi.
2631 ft. **Site 2 of 3 in cluster AA**

Relative: **Lower**
Actual: **14 ft.**

ALLSITES:

Name:	KAWASAKI THERMAL SYSTEMS INC
Facility Id:	64673452

AA115 **DINOL US INC TACOMA** **WA ALLSITES** **S121970313**
NNW **3205 PORT OF TACOMA WAY** **N/A**
1/4-1/2 **TACOMA, WA 98424**
0.498 mi.
2632 ft. **Site 3 of 3 in cluster AA**

Relative: **Lower**
Actual: **14 ft.**

ALLSITES:

Name:	DINOL US INC TACOMA
Facility Id:	51957851

116 NE 1/2-1 0.560 mi. 2957 ft. | **PORTAC INC TACOMA**
4215 SR 509 E FRONTAGE RD
TACOMA, WA 98421 | **WA CSCSL**
WA ALLSITES
WA MANIFEST | **S109344531**
N/A

Relative: Lower

Actual: 13 ft.

CSCSL:

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Asbestos
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started

PORTAC INC TACOMA (Continued) **S109344531**

Contaminant Name: Metals - Other
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Remediated
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Remediated
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PORTAC INC TACOMA
Address: 4215 SR 509 E FRONTAGE RD
City,State,Zip: TACOMA, WA 98421
Facility ID: 1215
Region: Southwest
Lat/Long: 47.251696251216 / -122.3697420645
Clean Up Siteid: 3642
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

PORTAC INC TACOMA (Continued) **S109344531**

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1215
Region:	Southwest
Lat/Long:	47.251696251216 / -122.3697420645
Clean Up Siteid:	3642
Site Status:	Cleanup Started
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	PORTAC INC,PORTAC INC UST 1927,West Coast Orient
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	PORTAC INC TACOMA
Facility Id:	1215

WA MANIFEST:

Name:	PORTAC INC TACOMA
Address:	4215 SR 509 E FRONTAGE RD
City,State,Zip:	TACOMA, WA 98421-3998
Facility Address 2:	Not reported
Facility ID:	1215
EPA ID:	WAD059327049
NAICS:	321912

PORTAC INC TACOMA (Continued) **S109344531**

State Waste Code Desc:		wt02
Federal Waste Code Desc:	d003	
Form Comm:		I am finding this reporting system to be very cumbersome in that once filled out, it is unknown if information is sent. I am a one time generator who is cleaning plant site and cannot find appropriate references for the work.
Data Year:		2008
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600298662
Business Type:		sawmill
Mail Name:		Portac Inc Tacoma
Mailing Address:		4215 SR 509 E Frontage Rd
Mailing City,State,Zip:		Tacoma, WA 98421-3998
Legal Organization Name:		Mitsui USA
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		1001 4th Ave
Legal Address 2:		Not reported
Legal City,State,Zip:		Seattle, WA 98154-1101
Legal Phone Number:		(253)922-0756
Legal Effective Date:		07/08/1996
Land Organization Name:		Port of Tacoma
Land Organization Type:		Municipal
Land Contact:		Not reported
Land Address:		1 SITCUM WAY
Land City,State,Zip:		TACOMA, WA 98421-3000
Land Phone Number:		(253)383-5841
Operator Organization Name:		Portac Inc Tacoma
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		4215 SR 509 E Frontage Rd
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421-3998
Operator Phone Number:		(253)922-9900
Operator Effective Date:		01/01/1997
Site Contact:		Terry L Mathern
Site Contact Address:		4215 SR 509 E Frontage Rd
Contact City,State,Zip:		Tacoma, WA 98421-3998
Site Contact Phone Number:		(253)922-9900
Site Contact Email:		tmathern@portac.com
Gen Status Code:		LQG

PORTAC INC TACOMA (Continued) **S109344531**

Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Waste soil with penta contamination
CORb Sequence Number:	114107
Sequence Number:	2003772
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2241490
Quanity Unit:	LB
Kilograms Quanity:	1016739.881487926
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Waste soil with penta contamination
CORb Sequence Number:	114107
Sequence Number:	1841205
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2472
Quanity Unit:	ST

PORTAC INC TACOMA (Continued) **S109344531**

Kilograms Quanity:	2242598.4385726932
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	114107
Waste Sequence Number:	1841205
Sequence Number:	876645
Shipment Date:	9/11/2008
Mainfest Document ID:	042901
Reported Quanity:	29
Unit of Measure:	ST
Kilograms Quanity:	26308.8004525114
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876686
Shipment Date:	9/12/2008
Mainfest Document ID:	043173
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876724
Shipment Date:	9/15/2008
Mainfest Document ID:	043406
Reported Quanity:	35
Unit of Measure:	ST
Kilograms Quanity:	31752.0005461344
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876708
Shipment Date:	9/12/2008
Mainfest Document ID:	042996
Reported Quanity:	35
Unit of Measure:	ST
Kilograms Quanity:	31752.0005461344
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876711
Shipment Date:	9/12/2008
Mainfest Document ID:	043050
Reported Quanity:	33
Unit of Measure:	ST
Kilograms Quanity:	29937.6005149267
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876642
Shipment Date:	9/11/2008
Mainfest Document ID:	042854
Reported Quanity:	30
Unit of Measure:	ST

PORTAC INC TACOMA (Continued) **S109344531**

Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876716
Shipment Date:	9/12/2008
Mainfest Document ID:	043017
Reported Quanity:	32
Unit of Measure:	ST
Kilograms Quanity:	29030.4004993229
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876693
Shipment Date:	9/12/2008
Mainfest Document ID:	043127
Reported Quanity:	30
Unit of Measure:	ST
Kilograms Quanity:	27216.0004681152
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2003772
Sequence Number:	954680
Shipment Date:	12/8/2008
Mainfest Document ID:	100031849CTN
Reported Quanity:	61000
Unit of Measure:	LB
Kilograms Quanity:	27669.6004759171
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2003772
Sequence Number:	954699
Shipment Date:	12/3/2008
Mainfest Document ID:	100031827CTN
Reported Quanity:	66720
Unit of Measure:	LB
Kilograms Quanity:	30264.1925205441
Receiving EPAID:	IDD073114654
Waste Sequence Number:	1841205
Sequence Number:	876684
Shipment Date:	9/12/2008
Mainfest Document ID:	043115
Reported Quanity:	32
Unit of Measure:	ST
Kilograms Quanity:	29030.4004993229
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114107
Waste Sequence Number:	1841205
Sequence Number:	488066
Received EPAID:	IDD073114654
Managed Quanity:	2472
Kilogram Quanity:	2242598.4385726932
Recycled Percentage:	0
Waste Management System Code:	H132

PORTAC INC TACOMA (Continued) **S109344531**

Waste Sequence Number: 2003772
Sequence Number: 488072
Received EPAID: WAD991281767
Managed Quanity: 1550
Kilogram Quanity: 703.08001209297629
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 2003772
Sequence Number: 488071
Received EPAID: IDD073114654
Managed Quanity: 2239940
Kilogram Quanity: 1016036.8014758331
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 114107
Comments: One Time Clean Up of dipping area of waste soil that because contaminated prior to discontining use of pentachlorophnol in the 1098's found during demolition of site. One time only clean up.
Waste Sequence Number: 1841205
Sequence Number: 1

Comments: One Time Clean Up of dipping area of waste soil that because contaminated prior to discontining use of pentachlorophnol in the 1098's found during demolition of site. One time only clean up.
Waste Sequence Number: 2003772
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 114107
Waste Sequence Number: 1841205
Sequence Number: 4287084
WCDA Code: F032

Waste Sequence Number: 2003772
Sequence Number: 4287088
WCDA Code: F032

Waste Stream Source Code:
CORB Waste Sequence Number: 114107
Waste Sequence Number: 2003772
Sequence Number: 1
WCDD Code: G49

Waste Sequence Number: 1841205
Sequence Number: 1
WCDD Code: G44

117 WSW 1/2-1 0.586 mi. 3096 ft. | **UNION PACIFIC RR FIFE**
2700-3330 20TH ST E
FIFE, WA 98424 | **WA HSL**
WA CSCSL
WA ALLSITES
WA NPDES | **S110486399**
N/A

Relative: Lower

Actual: 14 ft.

HSL:

Name:	UNION PACIFIC RR FIFE
Address:	Not reported
City,State,Zip:	FIFE, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	28881
Rank:	5
Region:	SW
EDR Link ID:	28881
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	UNION PACIFIC RR FIFE
Address:	2700-3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	28881
Region:	Southwest
Lat/Long:	47.238640000001 / -122.3834699997
Clean Up Siteid:	3194
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	UNION PACIFIC RAILROAD CO FIFE
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR FIFE
Address:	2700-3330 20TH ST E
City,State,Zip:	FIFE, WA 98424
Facility ID:	28881
Region:	Southwest
Lat/Long:	47.238640000001 / -122.3834699997
Clean Up Siteid:	3194
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	UNION PACIFIC RAILROAD CO FIFE
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

UNION PACIFIC RR FIFE (Continued) **S110486399**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RR FIFE
Facility Id:	28881

NPDES:

Name:	UNION PACIFIC RAILROAD CO FIFE
Address:	2700-3330 20TH ST E
City,State,Zip:	FIFE, WA 98424-1715
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR001153
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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118 **ERKER & SON TEXACO** **WA HSL** **U003665836**
West **2311 PACIFIC HWY E** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98424** **WA LUST**
0.662 mi. **WA UST**
3496 ft. **WA ALLSITES**

Relative:
Lower

Actual:
14 ft.

HSL:

Name:	BOB'S TEXACO
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	34147781
Rank:	2
Region:	SW
EDR Link ID:	34147781
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BOB'S TEXACO

ERKER & SON TEXACO (Continued) **U003665836**

Address:	2311 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	34147781
Region:	Southwest
Lat/Long:	47.24337 / -122.39752
Clean Up Siteid:	8784
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ERKER & SON TEXACO
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	BOB'S TEXACO
Address:	2311 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	34147781
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	8784
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	ERKER & SON TEXACO
Response Section:	Southwest
Release Date:	11/14/1990
Lust Date:	11/14/1990
Region:	Southwest
Lust ID:	4056
UST ID:	200356
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24337 / -122.39752

UST:

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Facility ID:	34147781
Site Id:	200356
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24337

ERKER & SON TEXACO (Continued) **U003665836**

Decimal Longitude:	-122.39752
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1976
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1978
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

ERKER & SON TEXACO (Continued) **U003665836**

Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1958
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Unknown
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

ERKER & SON TEXACO (Continued) **U003665836**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1958
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ERKER & SON TEXACO
Address:	2311 PACIFIC HWY E
City:	TACOMA
Zip:	98424

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1958
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

ERKER & SON TEXACO (Continued) **U003665836**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	ERKER & SON TEXACO
Facility Id:	34147781

119
West
1/2-1
0.741 mi.
3915 ft.

Relative:
Lower

Actual:
12 ft.

VENEER CHIP TRANSPORT
2205 PACIFIC HWY E
TACOMA, WA 98424

WA HSL **1004794011**
WA CSCSL **WAD988482923**
WA ALLSITES
WA SPILLS
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

HSL:

Name:	VENEER CHIP TRANSPORT
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	42252532
Rank:	4
Region:	SW
EDR Link ID:	42252532
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	42252532
Region:	Southwest
Lat/Long:	47.244258806416 / -122.3992331246
Clean Up Siteid:	4705
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants

VENEER CHIP TRANSPORT (Continued) **1004794011**

Alternate Site Names: Not reported
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VENEER CHIP TRANSPORT
Address: 2205 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98424
Facility ID: 42252532
Region: Southwest
Lat/Long: 47.244258806416 / -122.3992331246
Clean Up Siteid: 4705
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: VENEER CHIP TRANSPORT
Facility Id: 42252532

SPILLS:
Name: VENEER CHIP TRANSPORT
Address: 2205 PACIFIC HWY E
City,State,Zip: TACOMA, WA
Facility ID: 504225
Medium: Not reported
Material Desc: PETROLEUM - UNKNOWN
Material Qty: Not reported
Material Units: Not reported
Date Received: 05/18/1999
Contact Name: Not reported
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported
Source Type: Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

RCRA Listings:

Date Form Received by Agency:	2014-03-17 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Handler Address:	2205 PACIFIC HWY E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD988482923
Contact Name:	JONATHAN LUCICH
Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Contact Telephone:	253-922-1911
Contact Fax:	Not reported
Contact Email:	JONLUCICH@VENEERCHIP.COM
Contact Title:	VICE PRESIDENT
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424
Owner Name:	VENEER CHIP TRANSPORT
Owner Type:	Private
Operator Name:	VENEER CHIP TRANSPORT, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 12:41:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT

VENEER CHIP TRANSPORT (Continued) **1004794011**

Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LUCICH, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LARRY LUCICH
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private

VENEER CHIP TRANSPORT (Continued) **1004794011**

Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	1
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047-2108
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRA V
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private

VENEER CHIP TRANSPORT (Continued) **1004794011**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT, INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JONATHAN L
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW
Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GORDON, JAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	151 STEWART RD SW

VENEER CHIP TRANSPORT (Continued) **1004794011**

Owner/Operator City,State,Zip:	PACIFIC, WA 98047
Owner/Operator Telephone:	253-863-7777
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TREMLETT, PAUL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VENEER CHIP TRANSPORT
Legal Status:	Private
Date Became Current:	1984-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2205 PACIFIC HWY E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-1911
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0

VENEER CHIP TRANSPORT (Continued) **1004794011**

Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-14 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-22 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-06 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-02-07 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-09 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

VENEER CHIP TRANSPORT (Continued) **1004794011**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-06 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-24 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-24 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-10 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-17 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	VENEER CHIP TRANSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

NAICS Code:	484110
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

VENEER CHIP TRANSPORT (Continued) **1004794011**

No Evaluations Found:

FINDS:
Registry ID: 110005358335

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794011
Registry ID:	110005358335
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005358335
Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

VENEER CHIP TRANSPORT (Continued) **1004794011**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport, Inc.
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	Veneer Chip Transport, Inc.
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	jonlucich@veneerchip.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

VENEER CHIP TRANSPORT (Continued) **1004794011**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	Veneer Chip Transport
Operator Organization Type:	Private
Operator:	Jonathan V Lucich

VENEER CHIP TRANSPORT (Continued) **1004794011**

Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	48411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961

VENEER CHIP TRANSPORT (Continued) **1004794011**

Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	veneer chip transport
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	48411
State Waste Code Desc:	Not reported

VENEER CHIP TRANSPORT (Continued) **1004794011**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon
Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	veneer chip transport
Operator Organization Type:	Private
Operator:	Larry Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Larry Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	Yes
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No

VENEER CHIP TRANSPORT (Continued) **1004794011**

Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	VENEER CHIP TRANSPORT
Address:	2205 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	42252532
EPA ID:	WAD988482923
NAICS:	48411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600262961
Business Type:	Trucking with Shop
Mail Name:	Veneer Chip Transport
Mailing Address:	2205 PACIFIC HWY E
Mailing City,State,Zip:	TACOMA, WA 98424-1004
Legal Organization Name:	Veneer Chip Transport
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2205 PACIFIC HWY E
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98424-1004
Legal Phone Number:	(253)922-1911 1
Legal Effective Date:	01/01/1984
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Jay Gordon

VENEER CHIP TRANSPORT (Continued) **1004794011**

Land Address:	151 Stewart Rd SW
Land City,State,Zip:	PACIFIC, WA 98047-2108
Land Phone Number:	(253)863-7777 4181
Operator Organization Name:	veneer chip transport
Operator Organization Type:	Private
Operator:	Jonathan V Lucich
Operator Address:	2205 PACIFIC HWY E
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98424-1004
Operator Phone Number:	(253)922-1911
Operator Effective Date:	01/01/1984
Site Contact:	Jonathan V Lucich
Site Contact Address:	2205 PACIFIC HWY E
Contact City,State,Zip:	TACOMA, WA 98424
Site Contact Phone Number:	253922-1911 1
Site Contact Email:	vctveneerchip@hotmai.com
Gen Status Code:	SQG
Monthly Generation:	TRUE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

---

120 East 1/2-1 0.776 mi. 4099 ft.

PETARCIK SITE
911 PACIFIC HWY E
TACOMA, WA 98424

WA CSCSL **1007080841**
WA ALLSITES **N/A**
FINDS

Relative: Lower

Actual: 13 ft.

CSCSL:

Name:	PETARCIK OCCIDENTAL CHEMICAL
Address:	911 PACIFIC HWY E
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1214
Region:	Southwest
Lat/Long:	47.244223820399 / -122.3905524720
Clean Up Siteid:	4327
Site Status:	CC-O&M/Monitoring
Contaminant Name:	Corrosive Wastes
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated

PETARCIK SITE (Continued) **1007080841**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETARCIK OCCIDENTAL CHEMICAL
Address: 911 PACIFIC HWY E
City,State,Zip: TACOMA, WA 98402
Facility ID: 1214
Region: Southwest
Lat/Long: 47.244223820399 / -122.3905524720
Clean Up Siteid: 4327
Site Status: CC-O&M/Monitoring
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PETARCIK OCCIDENTAL CHEMICAL
Facility Id: 1214

FINDS:
Registry ID: 110015575643

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070605590

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

121 WNW 1/2-1 0.831 mi. 4387 ft.

Relative: Lower

Actual: 13 ft.

PACIFIC COAST TRUCK CENTER
2312 MILWAUKEE WAY
TACOMA, WA 98421

WA CSCSL
WA LUST
WA UST
WA ICR
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000252095
WAD063874994

CSCSL:

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Region:	Southwest
Lat/Long:	47.2451 / -122.40096
Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Region:	Southwest
Lat/Long:	47.2451 / -122.40096
Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Region:	Southwest

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Lat/Long:	47.2451 / -122.40096
Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Region:	Southwest
Lat/Long:	47.2451 / -122.40096
Clean Up Siteid:	9253
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9253
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	03/02/1994
Lust Date:	09/04/2014
Region:	Southwest
Lust ID:	3346
UST ID:	6965
Contaminant Name:	Benzene
Ground Water:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.40096

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9253
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	03/02/1994
Lust Date:	09/04/2014
Region:	Southwest
Lust ID:	3346
UST ID:	6965
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.40096

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9253
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	03/02/1994
Lust Date:	09/04/2014
Region:	Southwest
Lust ID:	3346
UST ID:	6965
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.40096

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	44861274
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9253
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	03/02/1994
Lust Date:	09/04/2014
Region:	Southwest
Lust ID:	3346
UST ID:	6965
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.40096

UST:

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City:	TACOMA
Zip:	98421
Facility ID:	44861274
Site Id:	6965
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451
Decimal Longitude:	-122.40096
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/15/1984
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Impressed Current

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	05/02/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	93-26
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	PACIFIC COAST TRUCK CENTER
Facility Id:	44861274

RCRA Listings:

Date Form Received by Agency:	2005-01-12 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Handler Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD063874994
Contact Name:	BILL AYERS
Contact Address:	2312 MILWAUKEE WAY
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-272-8401
Contact Fax:	Not reported
Contact Email:	PCTC1@AOL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2312 MILWAUKEE WAY
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	DOLE FOOD CO INC
Owner Type:	Private
Operator Name:	AYERS, BILL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:59:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO IN D
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL A
Legal Status:	Private
Date Became Current:	1996-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 DOLE DRIVE
Owner/Operator City,State,Zip:	WESTLAKE VILLAGE, CA 91362-7300
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BILL AYERS
Legal Status:	Private
Date Became Current:	1996-07-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2710
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INTERNATIONAL TRUCK & ENGINE CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	455 N CITYFRONT PLAZA DR
Owner/Operator City,State,Zip:	CHICAGO, IL 60611-5503
Owner/Operator Telephone:	312-836-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOLE FOOD CO INC
Legal Status:	Private
Date Became Current:	2001-01-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC COAST TRUCK CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AYERS, BILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2312 MILWAUKEE WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-8401
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-01-11 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-01-11 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-01-12 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-01-22 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-01-21 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-22 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-01-19 00:00:00.0

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-27 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-16 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-04 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-13 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-06 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-11 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PACIFIC COAST TRUCK CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

NAICS Code: 811118
NAICS Description: OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-07-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported

PACIFIC COAST TRUCK CENTER (Continued) **1000252095**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005324390

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000252095
Registry ID:	110005324390
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005324390
Name:	PACIFIC COAST TRUCK CENTER
Address:	2312 MILWAUKEE WAY
City,State,Zip:	TACOMA, WA 98421

122
SE
1/2-1
0.868 mi.
4582 ft.

2660 FRANK ALBERT RD
2660 FRANK ALBERT RD E
FIFE, WA 98424

WA CSCSL **S116362595**
WA ALLSITES **N/A**
WA SPILLS
WA ASBESTOS

Relative:
Higher

Actual:
22 ft.

CSCSL:

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529
Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	OPLC TACOMA JUNCTION FACILITY
Address:	2660 FRANK ALBERT RD E
City,State,Zip:	FIFE, WA 98424
Facility ID:	24529

2660 FRANK ALBERT RD (Continued) **S116362595**

Region:	Southwest
Lat/Long:	47.23261 / -122.36816
Clean Up Siteid:	12943
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	2660 Frank Albert Rd
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	2660 FRANK ALBERT RD
Facility Id:	24529

SPILLS:

Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA
Facility ID:	646042
Medium:	SURFACE WATER-FRESH
Material Desc:	OTHER - SEE NOTE
Material Qty:	1
Material Units:	OTHER
Date Received:	Not reported
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

ASBESTOS:

Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	0
Form ID:	101461##1279Envir288801
Notice Date:	06/08/2015
Start Date:	06/29/2015

2660 FRANK ALBERT RD (Continued) **S116362595**

Completion Date:	06/29/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-06-08 13:23:18
Submitter IP Address:	67.183.249.78
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102780##1279Envir079297
Notice Date:	07/06/2015
Start Date:	07/06/2015
Completion Date:	07/06/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-07-06 08:36:01
Submitter IP Address:	67.160.73.38
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102915##1577Puget965380
Notice Date:	07/08/2015
Start Date:	07/08/2015
Completion Date:	07/08/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7: a.m.
Site Hours End:	2:00 p.m.
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	1
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	425-757-6872
Job Site CAS:	Ismael Arenas
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Puget Sound Abatement LLC (ABCN00001577)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150

2660 FRANK ALBERT RD (Continued) **S116362595**

Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	120
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	demarcation
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Spoke with John Stebbins about using the same notification previously filed by Environmental. Existing Abatement company got kicked off job for Starting when no one was on site. There is nor roofing or countertops to abate. I removed them off of the old notification.
Date Time Submitted:	2015-07-08 06:08:46
Submitter IP Address:	216.160.123.110
Region:	3

2660 FRANK ALBERT RD (Continued) **S116362595**

UBI:	603345715
Notice type:	Initial
Project Type:	Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Ismael Arenas ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2660 FRANK ALBERT RD
City,State,Zip:	FIFE, WA 98424
Facility Type:	commercial
Parent ID:	101461
Form ID:	102028##1279Envir215200
Notice Date:	06/19/2015
Start Date:	07/06/2015
Completion Date:	07/06/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	360-755-1085
Job Site CAS:	Catherine Marquez
Project Form Email:	asbestoseas@comcast.net
Property Owner Name:	Not reported
Property Owner Agent:	Keith Russell
Property Owner Company:	Environmental Abtmnt Srvcs Inc (ABCN00001279)
Property Owner Address:	601 W State
Property Owner City:	Sedro Woolley
Property Owner State:	WA
Property Owner Zip4:	98284
Property Owner Phone:	360-391-8383
Job Site Room:	Not reported
Facility Age:	‘1950
Facility Size:	150
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	316
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported

2660 FRANK ALBERT RD (Continued) **S116362595**

Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	countertop
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-06-19 10:02:30
Submitter IP Address:	67.160.73.38
Region:	3
UBI:	601991237
Notice type:	Initial
Project Type:	Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Catherine Marquez ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

123	**UPS TACOMA**	**RCRA-VSQG**	**1001969495**
ESE	**5001 20TH ST E**	**WA CSCSL**	**WAD180330961**
1/2-1	**TACOMA, WA 98424**	**WA LUST**	
0.931 mi.		**WA UST**	
4914 ft.		**WA ALLSITES**	
Relative:		**FINDS**	
Lower		**ECHO**	
Actual:		**WA MANIFEST**	
16 ft.		**WA NPDES**	

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Handler Address:	5001 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD180330961
Contact Name:	TREAIR SMITH
Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Contact Telephone:	206-621-6233
Contact Fax:	Not reported
Contact Email:	TREAIRSMITH@UPS.COM
Contact Title:	FACILITIES ENGINEER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Owner Name:	UNITED PARCEL SERVICE INC
Owner Type:	Private
Operator Name:	UNITED PARCEL SERVICE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

UPS TACOMA (Continued) **1001969495**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-03-25 20:10:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

UPS TACOMA (Continued) **1001969495**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D021
Waste Description: CHLOROBENZENE

Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: P119
Waste Description: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

UPS TACOMA (Continued) **1001969495**

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000

UPS TACOMA (Continued) **1001969495**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC

UPS TACOMA (Continued) **1001969495**

Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108-1731
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108-1731
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UPS TACOMA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5001 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 1998-03-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 4455 7TH AVE S
Owner/Operator City,State,Zip: SEATTLE, WA 98108
Owner/Operator Telephone: 206-621-6233
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 1998-03-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 4455 7TH AVE S
Owner/Operator City,State,Zip: SEATTLE, WA 98108
Owner/Operator Telephone: 206-621-6233
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4455 7TH AVE S
Owner/Operator City,State,Zip: SEATTLE, WA 98108
Owner/Operator Telephone: 206-621-6233
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED PARCEL SERVICE INC
Legal Status: Private
Date Became Current: 1998-03-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported

UPS TACOMA (Continued) **1001969495**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UPS TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1998-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E

UPS TACOMA (Continued) **1001969495**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5001 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	253-922-7990
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private
Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED PARCEL SERVICE INC
Legal Status:	Private

UPS TACOMA (Continued) **1001969495**

Date Became Current:	1974-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	4455 7TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98108
Owner/Operator Telephone:	206-621-6233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-15 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

UPS TACOMA (Continued) **1001969495**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

UPS TACOMA (Continued) **1001969495**

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

UPS TACOMA (Continued) **1001969495**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-28 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-14 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-26 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

UPS TACOMA (Continued) **1001969495**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-19 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-19 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-18 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-15 00:00:00.0
Handler Name:	UPS TACOMA

UPS TACOMA (Continued) **1001969495**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-11 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-24 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-12 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

UPS TACOMA (Continued) **1001969495**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-17 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-27 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

UPS TACOMA (Continued) **1001969495**

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	UPS TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

NAICS Code:	49221
NAICS Description:	LOCAL MESSENGERS AND LOCAL DELIVERY

NAICS Code:	492210
NAICS Description:	LOCAL MESSENGERS AND LOCAL DELIVERY

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-09 00:00:00.0
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-07-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

UPS TACOMA (Continued) **1001969495**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2007-04-12 00:00:00.0
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-09-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-06-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

UPS TACOMA (Continued) **1001969495**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-04-12 00:00:00.0
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-07-13 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-06-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2018-04-26 00:00:00.0
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2018-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

UPS TACOMA (Continued) **1001969495**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2014-05-22 00:00:00.0
Actual Return to Compliance Date:	2014-07-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-07-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-06-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

UPS TACOMA (Continued) **1001969495**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-04-26 00:00:00.0
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2018-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-07-09 00:00:00.0
Actual Return to Compliance Date:	2002-07-10 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-07-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

UPS TACOMA (Continued) **1001969495**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJCA
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-09-17 00:00:00.0
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Scheduled Compliance Date:	2007-09-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-11-16 00:00:00.0
Scheduled Compliance Date:	2007-07-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

UPS TACOMA (Continued) **1001969495**

Former Citation:	Not reported
Evaluation Date:	2018-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-05-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-07-15 00:00:00.0
Scheduled Compliance Date:	2014-07-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2018-07-07 00:00:00.0
Scheduled Compliance Date:	2018-07-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-07-10 00:00:00.0
Scheduled Compliance Date:	2002-09-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CSCSL:
Name: UNITED PARCEL SERVICE TACOMA

UPS TACOMA (Continued) **1001969495**

Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported

UPS TACOMA (Continued) **1001969495**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNITED PARCEL SERVICE TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 61525354
Region: Southwest
Lat/Long: 47.23909 / -122.36192
Clean Up Siteid: 9888
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UPS TACOMA (Continued) **1001969495**

LUST:

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Other
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888

UPS TACOMA (Continued) **1001969495**

Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

Name:	UNITED PARCEL SERVICE TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	61525354
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9888
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNITED PARCEL SERVICE FIFE,UNITED PARCEL SERVICE WATAC,UPS FIFE,UPS Tacoma
Response Section:	Southwest
Release Date:	04/23/1993
Lust Date:	03/07/2013

UPS TACOMA (Continued) **1001969495**

Region:	Southwest
Lust ID:	2670
UST ID:	3688
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23909 / -122.36192

UST:

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424
Facility ID:	61525354
Site Id:	3688
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23909
Decimal Longitude:	-122.36192

Tank Name:	1 GAS
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	11/01/1985
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	2 OIL

UPS TACOMA (Continued) **1001969495**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	05/01/1985
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	3 WASTE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	05/01/1985
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

UPS TACOMA (Continued) **1001969495**

Name:	UNITED PARCEL SERVICE FIFE
Address:	5001 20TH ST E
City:	FIFE
Zip:	98424

Tank Name:	NO ID
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/18/2008
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	UPS TACOMA
Facility Id:	61525354

FINDS:

Registry ID: 110005333335

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that

UPS TACOMA (Continued) **1001969495**

discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969495
Registry ID:	110005333335
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005333335
Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424

WA MANIFEST:

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D002,P075,U239
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported

UPS TACOMA (Continued) **1001969495**

Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494182
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30

UPS TACOMA (Continued) **1001969495**

Quanity Unit:	LB
Kilograms Quanity:	13.6080002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494183
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	132
Quanity Unit:	LB
Kilograms Quanity:	59.8752010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494184
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	LB
Kilograms Quanity:	9.52560016
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494185
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	70
Quanity Unit:	LB
Kilograms Quanity:	31.7520005
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494188
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	86
Quanity Unit:	LB
Kilograms Quanity:	39.0096006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3494190
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494192
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.8136007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165100
Waste Sequence Number:	3494182
Sequence Number:	2099194

UPS TACOMA (Continued) **1001969495**

Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494183
Sequence Number:	2099195
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494184
Sequence Number:	2099196
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	21
Unit of Measure:	LB
Kilograms Quanity:	9.52560016
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494185
Sequence Number:	2099197
Shipment Date:	2017-01-23 00:00:00
Mainfest Document ID:	001050833VES
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494186
Sequence Number:	2099198
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	001227010VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494187
Sequence Number:	2099199
Shipment Date:	2017-10-17 00:00:00
Mainfest Document ID:	001227169VES
Reported Quanity:	70
Unit of Measure:	LB
Kilograms Quanity:	31.7520005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494188
Sequence Number:	2099200
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	105

UPS TACOMA (Continued) **1001969495**

Unit of Measure: LB
Kilograms Quanity: 47.6280008
Receiving EPAID: COD980591184

Waste Sequence Number: 3494189
Sequence Number: 2099201
Shipment Date: 2017-08-22 00:00:00
Mainfest Document ID: 001227108VES
Reported Quanity: 86
Unit of Measure: LB
Kilograms Quanity: 39.0096006
Receiving EPAID: COD980591184

Waste Sequence Number: 3494190
Sequence Number: 2099202
Shipment Date: 2017-12-11 00:00:00
Mainfest Document ID: 001227252VES
Reported Quanity: 76
Unit of Measure: LB
Kilograms Quanity: 34.4736005
Receiving EPAID: COD980591184

Waste Sequence Number: 3494191
Sequence Number: 2099203
Shipment Date: 2017-05-04 00:00:00
Mainfest Document ID: 001050956VES
Reported Quanity: 36
Unit of Measure: LB
Kilograms Quanity: 16.3296002
Receiving EPAID: COD980591184

Waste Sequence Number: 3494192
Sequence Number: 2099204
Shipment Date: 2017-08-22 00:00:00
Mainfest Document ID: 001227108VES
Reported Quanity: 101
Unit of Measure: LB
Kilograms Quanity: 45.8136007
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 165100
Waste Sequence Number: 3494185
Sequence Number: 956612
Received EPAID: COD980591184
Managed Quanity: 4
Kilogram Quanity: 1.81440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494186
Sequence Number: 956613
Received EPAID: COD980591184
Managed Quanity: 105
Kilogram Quanity: 47.6280008
Recycled Percentage: 0
Waste Management System Code: H061

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494187
Sequence Number:	956614
Received EPAID:	COD980591184
Managed Quanity:	70
Kilogram Quanity:	31.7520005
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494188
Sequence Number:	956615
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3494193
Sequence Number:	956859
Received EPAID:	COD980591184
Managed Quanity:	2695
Kilogram Quanity:	1222.45202
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494194
Sequence Number:	956866
Received EPAID:	COD980591184
Managed Quanity:	558
Kilogram Quanity:	253.108804
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494195
Sequence Number:	956872
Received EPAID:	COD980591184
Managed Quanity:	4322
Kilogram Quanity:	1960.45923
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494196
Sequence Number:	956873
Received EPAID:	COD980591184
Managed Quanity:	282
Kilogram Quanity:	127.915202
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494182
Sequence Number:	956609
Received EPAID:	COD980591184
Managed Quanity:	30
Kilogram Quanity:	13.6080002
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494183

UPS TACOMA (Continued) **1001969495**

Sequence Number: 956610
Received EPAID: COD980591184
Managed Quanity: 132
Kilogram Quanity: 59.8752010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3494184
Sequence Number: 956611
Received EPAID: COD980591184
Managed Quanity: 21
Kilogram Quanity: 9.52560016
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165100
Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494182
Sequence Number: 1

Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 8216452
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216469
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216468
WCDA Code: D003

Waste Sequence Number: 3494183
Sequence Number: 8216470
WCDA Code: D018

Waste Sequence Number: 3494183
Sequence Number: 8216471
WCDA Code: D019

Waste Sequence Number: 3494183
Sequence Number: 8216472
WCDA Code: D021

Waste Sequence Number: 3494184
Sequence Number: 8216476
WCDA Code: P075

Waste Sequence Number: 3494185

UPS TACOMA (Continued) **1001969495**

Sequence Number: 8216480
WCDA Code: P075

Waste Sequence Number: 3494186
Sequence Number: 8216484
WCDA Code: D001

Waste Sequence Number: 3494187
Sequence Number: 8216488
WCDA Code: D001

Waste Sequence Number: 3494188
Sequence Number: 8216495
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494183
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494184
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494185
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494186
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494187
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494200
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494194
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494195
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494196
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494197
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D003,D018,D019,D021,D035,D039,P075,P105
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported

UPS TACOMA (Continued) **1001969495**

Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494182
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30
Quanity Unit:	LB
Kilograms Quanity:	13.6080002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOL CANS
CORb Sequence Number:	165100
Sequence Number:	3494183
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	132
Quanity Unit:	LB
Kilograms Quanity:	59.8752010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494184
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21
Quanity Unit:	LB
Kilograms Quanity:	9.52560016
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES P-LISTED
CORb Sequence Number:	165100
Sequence Number:	3494185
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	70
Quanity Unit:	LB
Kilograms Quanity:	31.7520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3494188
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	86
Quanity Unit:	LB
Kilograms Quanity:	39.0096006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494190
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	165100
Sequence Number:	3494192
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.8136007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	165100
Waste Sequence Number:	3494182
Sequence Number:	2099194
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	COD980591184

Waste Sequence Number:	3494183
Sequence Number:	2099195
Shipment Date:	2017-03-09 00:00:00
Mainfest Document ID:	001050888VES
Reported Quanity:	132
Unit of Measure:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494184
Sequence Number:	2099196
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	21
Unit of Measure:	LB
Kilograms Quanity:	9.52560016
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494185
Sequence Number:	2099197
Shipment Date:	2017-01-23 00:00:00
Mainfest Document ID:	001050833VES
Reported Quanity:	4
Unit of Measure:	LB
Kilograms Quanity:	1.81440003
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494186
Sequence Number:	2099198
Shipment Date:	2017-06-26 00:00:00
Mainfest Document ID:	001227010VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494187
Sequence Number:	2099199
Shipment Date:	2017-10-17 00:00:00
Mainfest Document ID:	001227169VES
Reported Quanity:	70
Unit of Measure:	LB
Kilograms Quanity:	31.7520005
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494188
Sequence Number:	2099200
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	105
Unit of Measure:	LB
Kilograms Quanity:	47.6280008
Receiving EPAID:	COD980591184
Waste Sequence Number:	3494189
Sequence Number:	2099201
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	86
Unit of Measure:	LB
Kilograms Quanity:	39.0096006
Receiving EPAID:	COD980591184

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3494190
Sequence Number:	2099202
Shipment Date:	2017-12-11 00:00:00
Mainfest Document ID:	001227252VES
Reported Quanity:	76
Unit of Measure:	LB
Kilograms Quanity:	34.4736005
Receiving EPAID:	COD980591184

Waste Sequence Number:	3494191
Sequence Number:	2099203
Shipment Date:	2017-05-04 00:00:00
Mainfest Document ID:	001050956VES
Reported Quanity:	36
Unit of Measure:	LB
Kilograms Quanity:	16.3296002
Receiving EPAID:	COD980591184

Waste Sequence Number:	3494192
Sequence Number:	2099204
Shipment Date:	2017-08-22 00:00:00
Mainfest Document ID:	001227108VES
Reported Quanity:	101
Unit of Measure:	LB
Kilograms Quanity:	45.8136007
Receiving EPAID:	COD980591184

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	165100
Waste Sequence Number:	3494185
Sequence Number:	956612
Received EPAID:	COD980591184
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494186
Sequence Number:	956613
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	3494187
Sequence Number:	956614
Received EPAID:	COD980591184
Managed Quanity:	70
Kilogram Quanity:	31.7520005
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	3494188
Sequence Number:	956615
Received EPAID:	COD980591184
Managed Quanity:	105

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3494193
Sequence Number:	956859
Received EPAID:	COD980591184
Managed Quanity:	2695
Kilogram Quanity:	1222.45202
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494194
Sequence Number:	956866
Received EPAID:	COD980591184
Managed Quanity:	558
Kilogram Quanity:	253.108804
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494195
Sequence Number:	956872
Received EPAID:	COD980591184
Managed Quanity:	4322
Kilogram Quanity:	1960.45923
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494196
Sequence Number:	956873
Received EPAID:	COD980591184
Managed Quanity:	282
Kilogram Quanity:	127.915202
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494182
Sequence Number:	956609
Received EPAID:	COD980591184
Managed Quanity:	30
Kilogram Quanity:	13.6080002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494183
Sequence Number:	956610
Received EPAID:	COD980591184
Managed Quanity:	132
Kilogram Quanity:	59.8752010
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3494184
Sequence Number:	956611
Received EPAID:	COD980591184
Managed Quanity:	21
Kilogram Quanity:	9.52560016

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 165100
Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494182
Sequence Number: 1

Comments: A-7. WASTE AEROSOL CAN DISPOSAL
Waste Sequence Number: 3494183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 8216452
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216469
WCDA Code: D001

Waste Sequence Number: 3494183
Sequence Number: 8216468
WCDA Code: D003

Waste Sequence Number: 3494183
Sequence Number: 8216470
WCDA Code: D018

Waste Sequence Number: 3494183
Sequence Number: 8216471
WCDA Code: D019

Waste Sequence Number: 3494183
Sequence Number: 8216472
WCDA Code: D021

Waste Sequence Number: 3494184
Sequence Number: 8216476
WCDA Code: P075

Waste Sequence Number: 3494185
Sequence Number: 8216480
WCDA Code: P075

Waste Sequence Number: 3494186
Sequence Number: 8216484
WCDA Code: D001

Waste Sequence Number: 3494187
Sequence Number: 8216488
WCDA Code: D001

Waste Sequence Number: 3494188

UPS TACOMA (Continued) **1001969495**

Sequence Number: 8216495
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 165100
Waste Sequence Number: 3494182
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494183
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3494184
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494185
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494186
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494187
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494200
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494194
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494195
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494196
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3494197
Sequence Number: 1
WCDD Code: G32

Name: UPS TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424-1911
Facility Address 2: Not reported
Facility ID: 61525354
EPA ID: WAD180330961
NAICS: 492210

UPS TACOMA (Continued) **1001969495**

State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D002,D003,D018,D035,U154
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False

UPS TACOMA (Continued) **1001969495**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	WASTE ORGANIC PEROXIDE LIQUID (METYL ETHYL KETONE PEROXIDE)
CORb Sequence Number:	158487
Sequence Number:	3413667
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6
Quanity Unit:	LB
Kilograms Quanity:	2.72160004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413661
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3
Quanity Unit:	LB
Kilograms Quanity:	1.36080002
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413662
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2149
Quanity Unit:	LB
Kilograms Quanity:	974.786416
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413660
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	84
Quanity Unit:	LB
Kilograms Quanity:	38.1024006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487

UPS TACOMA (Continued) **1001969495**

Sequence Number:	3413663
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3645
Quanity Unit:	LB
Kilograms Quanity:	1653.37202
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413665
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	107
Quanity Unit:	LB
Kilograms Quanity:	48.5352008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3412484
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	105
Quanity Unit:	LB
Kilograms Quanity:	47.6280008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3412487
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	158487
Sequence Number:	3413664
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2148
Quanity Unit:	LB
Kilograms Quanity:	974.332816
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	PERIODIC ACID AND DEBRIS
CORb Sequence Number:	158487
Sequence Number:	3413666
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	35

UPS TACOMA (Continued) **1001969495**

Quanity Unit:	LB
Kilograms Quanity:	15.8760002
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	158487
Waste Sequence Number:	3413663
Sequence Number:	1997036
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES
Reported Quanity:	651
Unit of Measure:	LB
Kilograms Quanity:	295.293605
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413662
Sequence Number:	1997031
Shipment Date:	2016-09-13 00:00:00
Mainfest Document ID:	001050582VES
Reported Quanity:	741
Unit of Measure:	LB
Kilograms Quanity:	336.117605
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413664
Sequence Number:	1997053
Shipment Date:	2016-11-22 00:00:00
Mainfest Document ID:	001050694VES
Reported Quanity:	349
Unit of Measure:	LB
Kilograms Quanity:	158.306402
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413663
Sequence Number:	1997035
Shipment Date:	2016-07-13 00:00:00
Mainfest Document ID:	001050447VES
Reported Quanity:	1061
Unit of Measure:	LB
Kilograms Quanity:	481.269608
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413663
Sequence Number:	1997034
Shipment Date:	2016-04-19 00:00:00
Mainfest Document ID:	001050222VES
Reported Quanity:	1156
Unit of Measure:	LB
Kilograms Quanity:	524.361609
Receiving EPAID:	COD980591184
Waste Sequence Number:	3413661
Sequence Number:	1997018
Shipment Date:	2016-04-19 00:00:00
Mainfest Document ID:	001050222VES
Reported Quanity:	3

UPS TACOMA (Continued) **1001969495**

Unit of Measure: LB
Kilograms Quanity: 1.36080002
Receiving EPAID: COD980591184

Waste Sequence Number: 3413667
Sequence Number: 1997072
Shipment Date: 2016-09-23 00:00:00
Mainfest Document ID: 015121359JJK
Reported Quanity: 6
Unit of Measure: LB
Kilograms Quanity: 2.72160004
Receiving EPAID: ORD089452353

Waste Sequence Number: 3413662
Sequence Number: 1997032
Shipment Date: 2016-10-14 00:00:00
Mainfest Document ID: 001050637VES
Reported Quanity: 183
Unit of Measure: LB
Kilograms Quanity: 83.0088014
Receiving EPAID: COD980591184

Waste Sequence Number: 3413664
Sequence Number: 1997052
Shipment Date: 2016-10-14 00:00:00
Mainfest Document ID: 001050637VES
Reported Quanity: 153
Unit of Measure: LB
Kilograms Quanity: 69.4008011
Receiving EPAID: COD980591184

Waste Sequence Number: 3413662
Sequence Number: 1997030
Shipment Date: 2016-07-13 00:00:00
Mainfest Document ID: 001050447VES
Reported Quanity: 279
Unit of Measure: LB
Kilograms Quanity: 126.554402
Receiving EPAID: COD980591184

Waste Sequence Number: 3413664
Sequence Number: 1997051
Shipment Date: 2016-09-13 00:00:00
Mainfest Document ID: 001050582VES
Reported Quanity: 305
Unit of Measure: LB
Kilograms Quanity: 138.348002
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 158487
Waste Sequence Number: 3413667
Sequence Number: 908174
Received EPAID: ORD089452353
Managed Quanity: 6
Kilogram Quanity: 2.72160004
Recycled Percentage: 0

UPS TACOMA (Continued) **1001969495**

Waste Management System Code:	H040
Waste Sequence Number:	3413665
Sequence Number:	908164
Received EPAID:	COD980591184
Managed Quanity:	107
Kilogram Quanity:	48.5352008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3412484
Sequence Number:	907204
Received EPAID:	COD980591184
Managed Quanity:	105
Kilogram Quanity:	47.6280008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3413661
Sequence Number:	908153
Received EPAID:	COD980591184
Managed Quanity:	3
Kilogram Quanity:	1.36080002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3413662
Sequence Number:	908158
Received EPAID:	COD980591184
Managed Quanity:	2149
Kilogram Quanity:	974.786416
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3413660
Sequence Number:	908152
Received EPAID:	COD980591184
Managed Quanity:	84
Kilogram Quanity:	38.1024006
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3413663
Sequence Number:	908159
Received EPAID:	COD980591184
Managed Quanity:	3645
Kilogram Quanity:	1653.37202
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3412487
Sequence Number:	907209
Received EPAID:	COD980591184
Managed Quanity:	80
Kilogram Quanity:	36.2880006
Recycled Percentage:	0
Waste Management System Code:	H141

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3413664
Sequence Number: 908162
Received EPAID: COD980591184
Managed Quanity: 2148
Kilogram Quanity: 974.332816
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3413666
Sequence Number: 908169
Received EPAID: WAD991281767
Managed Quanity: 35
Kilogram Quanity: 15.8760002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 158487
Comments: A-8. METHYL ETHYL KETONE PEROXIDE
Waste Sequence Number: 3413667
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 158487
Waste Sequence Number: 3412487
Sequence Number: 7893874
WCDA Code: D003

Waste Sequence Number: 3413661
Sequence Number: 7893904
WCDA Code: U154

Waste Sequence Number: 3412484
Sequence Number: 7893871
WCDA Code: D001

Waste Sequence Number: 3412484
Sequence Number: 7893872
WCDA Code: D002

Waste Sequence Number: 3413660
Sequence Number: 7893896
WCDA Code: D018

Waste Sequence Number: 3413660
Sequence Number: 7893897
WCDA Code: D035

Waste Sequence Number: 3413666
Sequence Number: 7893955
WCDA Code: D002

Waste Sequence Number: 3413667
Sequence Number: 7893965
WCDA Code: D001

UPS TACOMA (Continued) **1001969495**

Waste Stream Source Code:

CORB Waste Sequence Number:	158487
Waste Sequence Number:	3412484
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3412487
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413660
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413661
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413662
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413663
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413664
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413665
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413666
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3413667
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D003,D018,D035,U002,D039
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Mitchell Hovland
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	mhovland@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

UPS TACOMA (Continued) **1001969495**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363218
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48
Quanity Unit:	LB
Kilograms Quanity:	21.7728003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Waste (DMN)
CORb Sequence Number:	153568
Sequence Number:	3363229
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	LB
Kilograms Quanity:	2.26800003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

UPS TACOMA (Continued) **1001969495**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363217
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	81
Quanity Unit:	LB
Kilograms Quanity:	36.7416006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363219
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	558
Quanity Unit:	LB
Kilograms Quanity:	253.108804
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363221
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	96
Quanity Unit:	LB
Kilograms Quanity:	43.5456007

UPS TACOMA (Continued) **1001969495**

Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363226
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1393
Quanity Unit:	LB
Kilograms Quanity:	631.864810
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Waste (DMN)
CORb Sequence Number:	153568
Sequence Number:	3363228
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363222
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1012
Quanity Unit:	LB
Kilograms Quanity:	459.043207
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363225
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	850
Quanity Unit:	LB
Kilograms Quanity:	385.560006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363214
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	153568
Sequence Number:	3363216
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48
Quanity Unit:	LB
Kilograms Quanity:	21.7728003
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	153568
Waste Sequence Number:	3363218
Sequence Number:	876738
Received EPAID:	COD980591184
Managed Quanity:	48
Kilogram Quanity:	21.7728003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3363229
Sequence Number:	876767
Received EPAID:	WAD991281767
Managed Quanity:	5
Kilogram Quanity:	2.26800003
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3363217
Sequence Number:	876737
Received EPAID:	COD980591184
Managed Quanity:	81
Kilogram Quanity:	36.7416006
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3363219
Sequence Number:	876739
Received EPAID:	COD980591184
Managed Quanity:	558
Kilogram Quanity:	253.108804
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3363221
Sequence Number:	876741

UPS TACOMA (Continued) **1001969495**

Received EPAID: COD980591184
Managed Quanity: 96
Kilogram Quanity: 43.5456007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363226
Sequence Number: 876746
Received EPAID: COD980591184
Managed Quanity: 1393
Kilogram Quanity: 631.864810
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3363228
Sequence Number: 876766
Received EPAID: WAD991281767
Managed Quanity: 50
Kilogram Quanity: 22.6800003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3363223
Sequence Number: 876743
Received EPAID: COD980591184
Managed Quanity: 911
Kilogram Quanity: 413.229607
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363224
Sequence Number: 876744
Received EPAID: COD980591184
Managed Quanity: 279
Kilogram Quanity: 126.554402
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363214
Sequence Number: 876734
Received EPAID: COD980591184
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3363216
Sequence Number: 876736
Received EPAID: COD980591184
Managed Quanity: 48
Kilogram Quanity: 21.7728003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 153568
Waste Sequence Number: 3363213

UPS TACOMA (Continued) **1001969495**

Sequence Number: 7672136
WCDA Code: D001

Waste Sequence Number: 3363215
Sequence Number: 7672138
WCDA Code: D003

Waste Sequence Number: 3363230
Sequence Number: 7672261
WCDA Code: D001

Waste Sequence Number: 3363230
Sequence Number: 7672260
WCDA Code: D002

Waste Sequence Number: 3363218
Sequence Number: 7672143
WCDA Code: D018

Waste Sequence Number: 3363218
Sequence Number: 7672144
WCDA Code: D039

Waste Sequence Number: 3363218
Sequence Number: 7672142
WCDA Code: U002

Waste Sequence Number: 3363214
Sequence Number: 7672137
WCDA Code: D001

Waste Sequence Number: 3363216
Sequence Number: 7672139
WCDA Code: D018

Waste Sequence Number: 3363217
Sequence Number: 7672140
WCDA Code: D018

Waste Sequence Number: 3363217
Sequence Number: 7672141
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 153568
Waste Sequence Number: 3363213
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363214
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3363215
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3363216
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363217
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363218
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363219
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363220
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363221
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363222
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3363223
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WSC2,WT02
Federal Waste Code Desc:	D001,D011,D018,D039,U002,U154,P075,D002
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

UPS TACOMA (Continued) **1001969495**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

UPS TACOMA (Continued) **1001969495**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301702
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	36
Quanity Unit:	LB
Kilograms Quanity:	16.3296002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301709
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	665
Quanity Unit:	LB
Kilograms Quanity:	301.644005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301716
Mixed Radioactive Flag:	False
Designation Code:	D

UPS TACOMA (Continued) **1001969495**

Reported Quanity:	99
Quanity Unit:	LB
Kilograms Quanity:	44.9064007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301700
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	114
Quanity Unit:	LB
Kilograms Quanity:	51.7104008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301707
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	LB
Kilograms Quanity:	74.8440012
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	WASTE HYDROGEN PEROXIDE
CORb Sequence Number:	147514
Sequence Number:	3313289
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301703
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	535
Quanity Unit:	LB
Kilograms Quanity:	242.676004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301704
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0

UPS TACOMA (Continued) **1001969495**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301699
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	109
Quanity Unit:	LB
Kilograms Quanity:	49.4424008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301701
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	DAMAGED MATERIALS (DMN) WASTES
CORb Sequence Number:	147514
Sequence Number:	3301708
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	618
Quanity Unit:	LB
Kilograms Quanity:	280.324804
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	147514
Waste Sequence Number:	3301715
Sequence Number:	1785041
Shipment Date:	2014-02-17 00:00:00
Mainfest Document ID:	000784825VES
Reported Quanity:	89
Unit of Measure:	LB
Kilograms Quanity:	40.3704006
Receiving EPAID:	COD980591184

Waste Sequence Number:	3301715
Sequence Number:	1785046
Shipment Date:	2014-10-21 00:00:00
Mainfest Document ID:	000882800VES
Reported Quanity:	132
Unit of Measure:	LB
Kilograms Quanity:	59.8752010
Receiving EPAID:	COD980591184

Waste Sequence Number:	3301715
Sequence Number:	1785044
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	000882970VES
Reported Quanity:	165
Unit of Measure:	LB
Kilograms Quanity:	74.8440012
Receiving EPAID:	COD980591184

Waste Sequence Number:	3301715
Sequence Number:	1785045
Shipment Date:	2014-09-02 00:00:00
Mainfest Document ID:	000882865VES
Reported Quanity:	329
Unit of Measure:	LB
Kilograms Quanity:	149.234402
Receiving EPAID:	COD980591184

Waste Sequence Number:	3301715
Sequence Number:	1785043
Shipment Date:	2014-05-20 00:00:00
Mainfest Document ID:	000784677VES
Reported Quanity:	187
Unit of Measure:	LB
Kilograms Quanity:	84.8232014
Receiving EPAID:	COD980591184

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 3301715
Sequence Number: 1785040
Shipment Date: 2014-01-07 00:00:00
Mainfest Document ID: 000784960VES
Reported Quanity: 484
Unit of Measure: LB
Kilograms Quanity: 219.542403
Receiving EPAID: COD980591184

Waste Sequence Number: 3301715
Sequence Number: 1785042
Shipment Date: 2014-04-14 00:00:00
Mainfest Document ID: 000784749VES
Reported Quanity: 494
Unit of Measure: LB
Kilograms Quanity: 224.078403
Receiving EPAID: COD980591184

Waste Sequence Number: 3313290
Sequence Number: 1806194
Shipment Date: 2014-09-16 00:00:00
Mainfest Document ID: 012247015JJK
Reported Quanity: 29
Unit of Measure: LB
Kilograms Quanity: 13.1544002
Receiving EPAID: WAD991281767

Waste Sequence Number: 3301698
Sequence Number: 1785008
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 95
Unit of Measure: LB
Kilograms Quanity: 43.0920007
Receiving EPAID: COD980591184

Waste Sequence Number: 3301711
Sequence Number: 1785036
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 98
Unit of Measure: LB
Kilograms Quanity: 44.4528007
Receiving EPAID: COD980591184

Waste Sequence Number: 3301713
Sequence Number: 1785038
Shipment Date: 2014-12-03 00:00:00
Mainfest Document ID: 000882722VES
Reported Quanity: 167
Unit of Measure: LB
Kilograms Quanity: 75.7512013
Receiving EPAID: COD980591184

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 147514
Waste Sequence Number: 3301715

UPS TACOMA (Continued) **1001969495**

Sequence Number: 832754
Received EPAID: COD980591184
Managed Quanity: 1880
Kilogram Quanity: 852.768014
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3313290
Sequence Number: 842052
Received EPAID: WAD991281767
Managed Quanity: 29
Kilogram Quanity: 13.1544002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301698
Sequence Number: 832737
Received EPAID: COD980591184
Managed Quanity: 95
Kilogram Quanity: 43.0920007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301711
Sequence Number: 832750
Received EPAID: COD980591184
Managed Quanity: 98
Kilogram Quanity: 44.4528007
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301713
Sequence Number: 832752
Received EPAID: COD980591184
Managed Quanity: 167
Kilogram Quanity: 75.7512013
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3301700
Sequence Number: 832739
Received EPAID: COD980591184
Managed Quanity: 114
Kilogram Quanity: 51.7104008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301707
Sequence Number: 832746
Received EPAID: COD980591184
Managed Quanity: 165
Kilogram Quanity: 74.8440012
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3313289
Sequence Number: 842051

UPS TACOMA (Continued) **1001969495**

Received EPAID: WAD991281767
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301705
Sequence Number: 832744
Received EPAID: COD980591184
Managed Quanity: 48
Kilogram Quanity: 21.7728003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301706
Sequence Number: 832745
Received EPAID: COD980591184
Managed Quanity: 151
Kilogram Quanity: 68.4936011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3301699
Sequence Number: 832738
Received EPAID: COD980591184
Managed Quanity: 109
Kilogram Quanity: 49.4424008
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 147514
Comments: A-7. Intermittent disposal of waste aerosol spray cans.
Waste Sequence Number: 3301697
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 147514
Waste Sequence Number: 3313289
Sequence Number: 7511931
WCDA Code: D001

Waste Sequence Number: 3313289
Sequence Number: 7511932
WCDA Code: D002

Waste Sequence Number: 3313290
Sequence Number: 7511943
WCDA Code: D002

Waste Sequence Number: 3301699
Sequence Number: 7404422
WCDA Code: D001

Waste Sequence Number: 3301701
Sequence Number: 7404424

UPS TACOMA (Continued) **1001969495**

WCDA Code: D011

Waste Sequence Number: 3301702
Sequence Number: 7404425
WCDA Code: D018

Waste Sequence Number: 3301700
Sequence Number: 7404423
WCDA Code: D001

Waste Sequence Number: 3301697
Sequence Number: 7511930
WCDA Code: D001

Waste Sequence Number: 3301703
Sequence Number: 7404426
WCDA Code: D039

Waste Sequence Number: 3301704
Sequence Number: 7404428
WCDA Code: D018

Waste Sequence Number: 3301704
Sequence Number: 7404427
WCDA Code: U002

Waste Stream Source Code:
CORB Waste Sequence Number: 147514
Waste Sequence Number: 3301697
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3301698
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301699
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301700
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301701
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301702
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301703
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3301704

UPS TACOMA (Continued) **1001969495**

Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301705
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301706
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3301707
Sequence Number:	1
WCDD Code:	G32

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WT02, WSC2
Federal Waste Code Desc:	D001, D018, D035, U002
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108-1731
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108-1731
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974

UPS TACOMA (Continued) **1001969495**

Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424-1911
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108-1731
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221365
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	438
Quanity Unit:	LB
Kilograms Quanity:	198.676803
Density Number:	0

UPS TACOMA (Continued) **1001969495**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221370
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	595
Quanity Unit:	LB
Kilograms Quanity:	269.892004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221372
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	76
Quanity Unit:	LB
Kilograms Quanity:	34.4736005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221390
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	146
Quanity Unit:	LB
Kilograms Quanity:	66.2256011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221395
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	82
Quanity Unit:	LB
Kilograms Quanity:	37.1952006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221366
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	332
Quanity Unit:	LB
Kilograms Quanity:	150.595202
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

UPS TACOMA (Continued) **1001969495**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221368
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3181
Quanity Unit:	LB
Kilograms Quanity:	1442.90162
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221369
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	65
Quanity Unit:	LB
Kilograms Quanity:	29.4840005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221391
Mixed Radioactive Flag:	False

UPS TACOMA (Continued) **1001969495**

Designation Code:	D
Reported Quanity:	146
Quanity Unit:	LB
Kilograms Quanity:	66.2256011
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221392
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	53
Quanity Unit:	LB
Kilograms Quanity:	24.0408004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	141728
Sequence Number:	3221393
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	LB
Kilograms Quanity:	4.98960008
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	141728
Waste Sequence Number:	3221391
Sequence Number:	776654
Received EPAID:	COD980591184
Managed Quanity:	146

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity:	66.2256011
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221392
Sequence Number:	776640
Received EPAID:	COD980591184
Managed Quanity:	53
Kilogram Quanity:	24.0408004
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221366
Sequence Number:	776656
Received EPAID:	COD980591184
Managed Quanity:	332
Kilogram Quanity:	150.595202
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221368
Sequence Number:	776658
Received EPAID:	COD980591184
Managed Quanity:	3181
Kilogram Quanity:	1442.90162
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3221369
Sequence Number:	776592
Received EPAID:	COD980591184
Managed Quanity:	65
Kilogram Quanity:	29.4840005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3221365
Sequence Number:	776642
Received EPAID:	COD980591184
Managed Quanity:	438
Kilogram Quanity:	198.676803
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3221370
Sequence Number:	776655
Received EPAID:	COD980591184
Managed Quanity:	595
Kilogram Quanity:	269.892004
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3221372
Sequence Number:	776615
Received EPAID:	COD980591184
Managed Quanity:	76
Kilogram Quanity:	34.4736005

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3221390
Sequence Number: 776637
Received EPAID: COD980591184
Managed Quanity: 146
Kilogram Quanity: 66.2256011
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221395
Sequence Number: 776646
Received EPAID: COD980591184
Managed Quanity: 82
Kilogram Quanity: 37.1952006
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3221393
Sequence Number: 776641
Received EPAID: COD980591184
Managed Quanity: 11
Kilogram Quanity: 4.98960008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 141728
Comments: A-7. Intermittent disposal of waste aerosol spray cans.
Waste Sequence Number: 3221371
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 141728
Waste Sequence Number: 3221369
Sequence Number: 7198326
WCDA Code: D018

Waste Sequence Number: 3221369
Sequence Number: 7198327
WCDA Code: D035

Waste Sequence Number: 3221369
Sequence Number: 7198325
WCDA Code: U002

Waste Sequence Number: 3221372
Sequence Number: 7198338
WCDA Code: D018

Waste Sequence Number: 3221395
Sequence Number: 7198364
WCDA Code: D018

Waste Sequence Number: 3221395

UPS TACOMA (Continued) **1001969495**

Sequence Number: 7198365
WCDA Code: D035

Waste Sequence Number: 3221392
Sequence Number: 7198351
WCDA Code: D001

Waste Sequence Number: 3221393
Sequence Number: 7198355
WCDA Code: D001

Waste Sequence Number: 3221394
Sequence Number: 7198359
WCDA Code: D001

Waste Sequence Number: 3221371
Sequence Number: 7198366
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 141728
Waste Sequence Number: 3221371
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3221364
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221365
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221366
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221368
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221369
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221370
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221372
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 3221387
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	3221390
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	3221391
Sequence Number:	1
WCDD Code:	G32
Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	WP01, WP02, WP03, WT02, WSC2
Federal Waste Code Desc:	P119, D001, D005 D007 D011, D003, D005, D018, D023, D035, U080, D002, D008
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233

UPS TACOMA (Continued) **1001969495**

Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP03
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665184
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	217
Quanity Unit:	LB
Kilograms Quanity:	98.4312016
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP03
State Only Waste Code 2:	WT02
Report Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665185
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	321
Quanity Unit:	LB
Kilograms Quanity:	145.605602
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665186
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	157
Quanity Unit:	LB
Kilograms Quanity:	71.2152012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665187
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	103

UPS TACOMA (Continued) **1001969495**

Quanity Unit:	LB
Kilograms Quanity:	46.7208008
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665200
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	LB
Kilograms Quanity:	0.45360000
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665171
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	47
Quanity Unit:	LB
Kilograms Quanity:	21.3192003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665173
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665180
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	89
Quanity Unit:	LB
Kilograms Quanity:	40.3704006
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	WP03
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665182
Mixed Radioactive Flag:	False
Designation Code:	E
Reported Quanity:	118
Quanity Unit:	LB
Kilograms Quanity:	53.5248009
Density Number:	0
Density Quanity:	Not reported

UPS TACOMA (Continued) **1001969495**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665189
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2599
Quanity Unit:	LB
Kilograms Quanity:	1178.90642
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	136931
Sequence Number:	2665191
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1948
Quanity Unit:	LB
Kilograms Quanity:	883.612815
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	136931
Waste Sequence Number:	2665171
Sequence Number:	1361123
Shipment Date:	2012-03-30 00:00:00
Mainfest Document ID:	000449063VES
Reported Quanity:	15
Unit of Measure:	LB
Kilograms Quanity:	6.80400011
Receiving EPAID:	COD980591184

Waste Sequence Number:	2665171
Sequence Number:	1361124

UPS TACOMA (Continued) **1001969495**

Shipment Date:	2012-10-19 00:00:00
Mainfest Document ID:	000449672VES
Reported Quanity:	32
Unit of Measure:	LB
Kilograms Quanity:	14.5152002
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665173
Sequence Number:	1361129
Shipment Date:	2012-06-29 00:00:00
Mainfest Document ID:	000449848VES
Reported Quanity:	60
Unit of Measure:	LB
Kilograms Quanity:	27.2160004
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665180
Sequence Number:	1361136
Shipment Date:	2012-06-29 00:00:00
Mainfest Document ID:	000449848VES
Reported Quanity:	89
Unit of Measure:	LB
Kilograms Quanity:	40.3704006
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665182
Sequence Number:	1361138
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	000448724VES
Reported Quanity:	118
Unit of Measure:	LB
Kilograms Quanity:	53.5248009
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361155
Shipment Date:	2012-03-30 00:00:00
Mainfest Document ID:	000449063VES
Reported Quanity:	117
Unit of Measure:	LB
Kilograms Quanity:	53.0712009
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361159
Shipment Date:	2012-12-13 00:00:00
Mainfest Document ID:	000449569VES
Reported Quanity:	305
Unit of Measure:	LB
Kilograms Quanity:	138.348002
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361157
Shipment Date:	2012-08-13 00:00:00
Mainfest Document ID:	000449790VES
Reported Quanity:	526

UPS TACOMA (Continued) **1001969495**

Unit of Measure:	LB
Kilograms Quanity:	238.593604
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361154
Shipment Date:	2012-01-04 00:00:00
Mainfest Document ID:	000448589VES
Reported Quanity:	389
Unit of Measure:	LB
Kilograms Quanity:	176.450403
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361158
Shipment Date:	2012-10-19 00:00:00
Mainfest Document ID:	000449672VES
Reported Quanity:	872
Unit of Measure:	LB
Kilograms Quanity:	395.539206
Receiving EPAID:	COD980591184
Waste Sequence Number:	2665189
Sequence Number:	1361156
Shipment Date:	2012-05-14 00:00:00
Mainfest Document ID:	000449950VES
Reported Quanity:	390
Unit of Measure:	LB
Kilograms Quanity:	176.904003
Receiving EPAID:	COD980591184

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136931
Waste Sequence Number:	2665172
Sequence Number:	664119
Received EPAID:	COD980591184
Managed Quanity:	278
Kilogram Quanity:	126.100802
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2665174
Sequence Number:	664121
Received EPAID:	COD980591184
Managed Quanity:	83
Kilogram Quanity:	37.6488006
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	2665179
Sequence Number:	664126
Received EPAID:	COD980591184
Managed Quanity:	160
Kilogram Quanity:	72.5760012
Recycled Percentage:	0
Waste Management System Code:	H141

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	2665181
Sequence Number:	664128
Received EPAID:	COD980591184
Managed Quanity:	76
Kilogram Quanity:	34.4736005
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	2665183
Sequence Number:	664130
Received EPAID:	COD980591184
Managed Quanity:	141
Kilogram Quanity:	63.9576011
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	2665188
Sequence Number:	664136
Received EPAID:	COD980591184
Managed Quanity:	255
Kilogram Quanity:	115.668001
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	2665188
Sequence Number:	664135
Received EPAID:	COD980591184
Managed Quanity:	426
Kilogram Quanity:	193.233603
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	2665190
Sequence Number:	664139
Received EPAID:	COD980591184
Managed Quanity:	19
Kilogram Quanity:	8.61840014
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	2665190
Sequence Number:	664138
Received EPAID:	COD980591184
Managed Quanity:	384
Kilogram Quanity:	174.182402
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Sequence Number:	2665171
Sequence Number:	664118
Received EPAID:	COD980591184
Managed Quanity:	47
Kilogram Quanity:	21.3192003
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	2665173

UPS TACOMA (Continued) **1001969495**

Sequence Number: 664120
Received EPAID: COD980591184
Managed Quanity: 60
Kilogram Quanity: 27.2160004
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 136931
Comments: Additional Waste Code WT02
Waste Sequence Number: 2665181
Sequence Number: 1

Comments: Additional Waste Code WT02
Waste Sequence Number: 2665182
Sequence Number: 1

Comments: Additional Waste Code WT02
Waste Sequence Number: 2665183
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136931
Waste Sequence Number: 2665170
Sequence Number: 5916121
WCDA Code: P119

Waste Sequence Number: 2665175
Sequence Number: 5916111
WCDA Code: D003

Waste Sequence Number: 2665176
Sequence Number: 5916112
WCDA Code: D005

Waste Sequence Number: 2665177
Sequence Number: 5916113
WCDA Code: D005

Waste Sequence Number: 2665178
Sequence Number: 5916114
WCDA Code: D018

Waste Sequence Number: 2665193
Sequence Number: 5916139
WCDA Code: D002

Waste Sequence Number: 2665193
Sequence Number: 5916140
WCDA Code: D008

Waste Sequence Number: 2665171
Sequence Number: 5916104
WCDA Code: D001

Waste Sequence Number: 2665173

UPS TACOMA (Continued) **1001969495**

Sequence Number: 5916106
WCDA Code: D001

Waste Sequence Number: 2665180
Sequence Number: 5916117
WCDA Code: U080

Waste Sequence Number: 2665172
Sequence Number: 5916105
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 136931
Waste Sequence Number: 2665170
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665171
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665172
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665173
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665174
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665175
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665176
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665177
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665178
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665179
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2665180
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642752
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6
Quanity Unit:	LB
Kilograms Quanity:	2.72160004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642754

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	264
Quanity Unit:	LB
Kilograms Quanity:	119.750402
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642761
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	63
Quanity Unit:	LB
Kilograms Quanity:	28.5768004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642763
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	278
Quanity Unit:	LB
Kilograms Quanity:	126.100802
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WP02
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2651242
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	131
Quanity Unit:	LB
Kilograms Quanity:	59.4216010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642749
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	67
Quanity Unit:	LB
Kilograms Quanity:	30.3912005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	131961
Sequence Number:	2642750
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	24.9480004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2642764
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	295
Quanity Unit:	LB
Kilograms Quanity:	133.812002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WSC2
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	DAMAGED MATERIAL PACKAGED WASTE
CORb Sequence Number:	131961
Sequence Number:	2642765
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	280
Quanity Unit:	LB
Kilograms Quanity:	127.008002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	131961
Sequence Number:	2642766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1408
Quanity Unit:	LB
Kilograms Quanity:	638.668810
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Packaged Waste
CORb Sequence Number:	131961
Sequence Number:	2651239
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	171
Quanity Unit:	LB
Kilograms Quanity:	77.5656013
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	131961
Waste Sequence Number:	2642755
Sequence Number:	638789
Received EPAID:	MOD981505555
Managed Quanity:	74
Kilogram Quanity:	33.5664005
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642756
Sequence Number:	638790
Received EPAID:	COD980591184
Managed Quanity:	208
Kilogram Quanity:	94.3488016
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642756
Sequence Number:	638791
Received EPAID:	MOD981505555
Managed Quanity:	702

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity:	318.427205
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642757
Sequence Number:	638793
Received EPAID:	COD980591184
Managed Quanity:	34
Kilogram Quanity:	15.4224002
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642758
Sequence Number:	638794
Received EPAID:	COD980591184
Managed Quanity:	77
Kilogram Quanity:	34.9272006
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642759
Sequence Number:	638795
Received EPAID:	MOD981505555
Managed Quanity:	87
Kilogram Quanity:	39.4632006
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642752
Sequence Number:	638785
Received EPAID:	COD980591184
Managed Quanity:	6
Kilogram Quanity:	2.72160004
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642754
Sequence Number:	638787
Received EPAID:	MOD981505555
Managed Quanity:	264
Kilogram Quanity:	119.750402
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642761
Sequence Number:	638798
Received EPAID:	COD980591184
Managed Quanity:	47
Kilogram Quanity:	21.3192003
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2642761
Sequence Number:	638799
Received EPAID:	MOD981505555
Managed Quanity:	16
Kilogram Quanity:	7.25760012

UPS TACOMA (Continued) **1001969495**

Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2642763
Sequence Number: 638848
Received EPAID: MOD981505555
Managed Quanity: 278
Kilogram Quanity: 126.100802
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 131961
Waste Sequence Number: 2642755
Sequence Number: 5769281
WCDA Code: D001

Waste Sequence Number: 2642755
Sequence Number: 5769282
WCDA Code: D002

Waste Sequence Number: 2642755
Sequence Number: 5769283
WCDA Code: D035

Waste Sequence Number: 2642756
Sequence Number: 5769294
WCDA Code: D002

Waste Sequence Number: 2642757
Sequence Number: 5769301
WCDA Code: D003

Waste Sequence Number: 2642758
Sequence Number: 5769313
WCDA Code: D003

Waste Sequence Number: 2642758
Sequence Number: 5769314
WCDA Code: D006

Waste Sequence Number: 2642758
Sequence Number: 5769315
WCDA Code: D008

Waste Sequence Number: 2642759
Sequence Number: 5769335
WCDA Code: D001

Waste Sequence Number: 2642759
Sequence Number: 5769334
WCDA Code: U002

Waste Sequence Number: 2642752
Sequence Number: 5829517
WCDA Code: D001

UPS TACOMA (Continued) **1001969495**

Name:	UPS TACOMA
Address:	5001 20TH ST E
City,State,Zip:	TACOMA, WA 98424-1911
Facility Address 2:	Not reported
Facility ID:	61525354
EPA ID:	WAD180330961
NAICS:	492210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S

UPS TACOMA (Continued) **1001969495**

Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408809
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	LB
Kilograms Quanity:	7.2576001248307227
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408808

UPS TACOMA (Continued) **1001969495**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	82
Quanity Unit:	LB
Kilograms Quanity:	37.195200639757452
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408814
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	128
Quanity Unit:	LB
Kilograms Quanity:	58.060800998645782
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408821
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	778
Quanity Unit:	LB
Kilograms Quanity:	352.90080606989386
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

UPS TACOMA (Continued) **1001969495**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408820
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	414
Quanity Unit:	LB
Kilograms Quanity:	187.79040322999495
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408817
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	186
Quanity Unit:	LB
Kilograms Quanity:	84.369601451157152
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408818
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	83
Quanity Unit:	LB

UPS TACOMA (Continued) **1001969495**

Kilograms Quanity:	37.648800647559376
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408819
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	LB
Kilograms Quanity:	45.813600787993934
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408816
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	106
Quanity Unit:	LB
Kilograms Quanity:	48.081600827003534
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2

UPS TACOMA (Continued) **1001969495**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408811
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.680000390096009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	126826
Sequence Number:	2408813
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	141
Quanity Unit:	LB
Kilograms Quanity:	63.95760110007074
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	126826
Waste Sequence Number:	2408822
Sequence Number:	1149126
Shipment Date:	12/3/2010
Mainfest Document ID:	000382472WAS
Reported Quanity:	113
Unit of Measure:	LB
Kilograms Quanity:	51.256800881617
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408822
Sequence Number:	1143094
Shipment Date:	9/24/2010
Mainfest Document ID:	000352656WAS
Reported Quanity:	138
Unit of Measure:	LB
Kilograms Quanity:	62.596801076665
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408822
Sequence Number:	1143106

UPS TACOMA (Continued) **1001969495**

Shipment Date:	10/20/2010
Mainfest Document ID:	000363226WAS
Reported Quanity:	80
Unit of Measure:	LB
Kilograms Quanity:	36.2880006241536
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143085
Shipment Date:	8/26/2010
Mainfest Document ID:	000351572WAS
Reported Quanity:	18
Unit of Measure:	LB
Kilograms Quanity:	8.16480014043456
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1149122
Shipment Date:	12/3/2010
Mainfest Document ID:	000382472WAS
Reported Quanity:	32
Unit of Measure:	LB
Kilograms Quanity:	14.5152002496614
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143098
Shipment Date:	10/20/2010
Mainfest Document ID:	000363226WAS
Reported Quanity:	43
Unit of Measure:	LB
Kilograms Quanity:	19.5048003354826
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408814
Sequence Number:	1143074
Shipment Date:	7/15/2010
Mainfest Document ID:	000337182WAS
Reported Quanity:	35
Unit of Measure:	LB
Kilograms Quanity:	15.8760002730672
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408815
Sequence Number:	1143061
Shipment Date:	5/27/2010
Mainfest Document ID:	000337248WAS
Reported Quanity:	67
Unit of Measure:	LB
Kilograms Quanity:	30.3912005227286
Receiving EPAID:	MOD981505555
Waste Sequence Number:	2408816
Sequence Number:	1143035
Shipment Date:	1/6/2010
Mainfest Document ID:	000288092WAS
Reported Quanity:	106

UPS TACOMA (Continued) **1001969495**

Unit of Measure: LB
Kilograms Quanity: 48.0816008270035
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408817
Sequence Number: 1143096
Shipment Date: 10/20/2010
Mainfest Document ID: 000363226WAS
Reported Quanity: 186
Unit of Measure: LB
Kilograms Quanity: 84.3696014511572
Receiving EPAID: MOD981505555

Waste Sequence Number: 2408831
Sequence Number: 1143045
Shipment Date: 3/10/2010
Mainfest Document ID: 000303790WAS
Reported Quanity: 23
Unit of Measure: LB
Kilograms Quanity: 10.4328001794442
Receiving EPAID: MOD981505555

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 126826
Waste Sequence Number: 2408814
Sequence Number: 584315
Received EPAID: MOD981505555
Managed Quanity: 128
Kilogram Quanity: 58.060800998645782
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408815
Sequence Number: 578599
Received EPAID: MOD981505555
Managed Quanity: 67
Kilogram Quanity: 30.391200522728649
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408831
Sequence Number: 578589
Received EPAID: MOD981505555
Managed Quanity: 23
Kilogram Quanity: 10.432800179444163
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2492194
Sequence Number: 584339
Received EPAID: UTD981552177
Managed Quanity: 5
Kilogram Quanity: 2.2680000390096007
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 2408816

UPS TACOMA (Continued) **1001969495**

Sequence Number: 578576
Received EPAID: MOD981505555
Managed Quanity: 106
Kilogram Quanity: 48.081600827003534
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408817
Sequence Number: 578641
Received EPAID: MOD981505555
Managed Quanity: 186
Kilogram Quanity: 84.369601451157152
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408820
Sequence Number: 584316
Received EPAID: MOD981505555
Managed Quanity: 414
Kilogram Quanity: 187.79040322999495
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408811
Sequence Number: 578609
Received EPAID: MOD981505555
Managed Quanity: 50
Kilogram Quanity: 22.680000390096009
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408818
Sequence Number: 578631
Received EPAID: MOD981505555
Managed Quanity: 83
Kilogram Quanity: 37.648800647559376
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408813
Sequence Number: 578594
Received EPAID: MOD981505555
Managed Quanity: 141
Kilogram Quanity: 63.95760110007074
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2408822
Sequence Number: 584322
Received EPAID: MOD981505555
Managed Quanity: 540
Kilogram Quanity: 244.94400421303689
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 126826

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2408816
Sequence Number: 5228981
WCDA Code: D018

Waste Sequence Number: 2408817
Sequence Number: 5229470
WCDA Code: D018

Waste Sequence Number: 2408814
Sequence Number: 5394630
WCDA Code: D001

Waste Sequence Number: 2408818
Sequence Number: 5229381
WCDA Code: D001

Waste Sequence Number: 2408809
Sequence Number: 5228968
WCDA Code: D001

Waste Sequence Number: 2408816
Sequence Number: 5228980
WCDA Code: D001

Waste Sequence Number: 2408808
Sequence Number: 5394514
WCDA Code: D001

Waste Sequence Number: 2408815
Sequence Number: 5229128
WCDA Code: D001

Waste Sequence Number: 2408815
Sequence Number: 5229129
WCDA Code: D005

Waste Sequence Number: 2408817
Sequence Number: 5229471
WCDA Code: D035

Waste Sequence Number: 2408817
Sequence Number: 5229469
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 126826
Waste Sequence Number: 2408811
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408819
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408809
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2408814
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408815
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408816
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408813
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408812
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408822
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408810
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2408817
Sequence Number: 1
WCDD Code: G32

Name: UPS TACOMA
Address: 5001 20TH ST E
City,State,Zip: TACOMA, WA 98424-1911
Facility Address 2: Not reported
Facility ID: 61525354
EPA ID: WAD180330961
NAICS: 492210
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2009
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False

UPS TACOMA (Continued) **1001969495**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	578037680
Business Type:	Package Delivery
Mail Name:	UPS Plant Engineering
Mailing Address:	4455 7TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98108
Legal Organization Name:	United Parcel Service Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	4455 7TH AVE S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98108
Legal Phone Number:	(206)621-6233
Legal Effective Date:	11/01/1974
Land Organization Name:	United Parcel Service Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	4455 7TH AVE S
Land City,State,Zip:	SEATTLE, WA 98108-1731
Land Phone Number:	(206)621-6233
Operator Organization Name:	United Parcel Service Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	5001 20th ST E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-7990
Operator Effective Date:	11/01/1974
Site Contact:	Aaron Johnson
Site Contact Address:	4455 7TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98108
Site Contact Phone Number:	(206)621-6233
Site Contact Email:	air3axj@ups.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

UPS TACOMA (Continued) **1001969495**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060758
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	163
Quanity Unit:	LB
Kilograms Quanity:	73.93680127171298
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060754
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	103
Quanity Unit:	LB
Kilograms Quanity:	46.720800803597776
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060768
Mixed Radioactive Flag:	False
Designation Code:	D

UPS TACOMA (Continued) **1001969495**

Reported Quanity:	202
Quanity Unit:	LB
Kilograms Quanity:	91.627201575987868
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060755
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	94
Quanity Unit:	LB
Kilograms Quanity:	42.638400733380493
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060763
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	719
Quanity Unit:	LB
Kilograms Quanity:	326.13840560958062
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

UPS TACOMA (Continued) **1001969495**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060760
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	34
Quanity Unit:	LB
Kilograms Quanity:	15.422400265265285
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060761
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	12
Quanity Unit:	LB
Kilograms Quanity:	5.4432000936230418
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060757
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	768
Quanity Unit:	LB
Kilograms Quanity:	348.36480599187468
Density Number:	0

UPS TACOMA (Continued) **1001969495**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060759
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	415
Quanity Unit:	LB
Kilograms Quanity:	188.24400323779687
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060762
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	206
Quanity Unit:	LB
Kilograms Quanity:	93.441601607195551
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W001

UPS TACOMA (Continued) **1001969495**

Description:	Damaged Material Package Waste
CORb Sequence Number:	121688
Sequence Number:	2060766
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	75
Quanity Unit:	LB
Kilograms Quanity:	34.020000585144011
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	121688
Waste Sequence Number:	2060757
Sequence Number:	516360
Received EPAID:	MOD981505555
Managed Quanity:	768
Kilogram Quanity:	348.36480599187468
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060768
Sequence Number:	516379
Received EPAID:	MOD981505555
Managed Quanity:	202
Kilogram Quanity:	91.627201575987868
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060756
Sequence Number:	516359
Received EPAID:	MOD981505555
Managed Quanity:	388
Kilogram Quanity:	175.99680302714503
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060758
Sequence Number:	516362
Received EPAID:	MOD981505555
Managed Quanity:	163
Kilogram Quanity:	73.93680127171298
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060761
Sequence Number:	516367
Received EPAID:	MOD981505555
Managed Quanity:	12
Kilogram Quanity:	5.4432000936230418
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2060763
Sequence Number:	516371
Received EPAID:	MOD981505555
Managed Quanity:	719

UPS TACOMA (Continued) **1001969495**

Kilogram Quanity: 326.13840560958062
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060759
Sequence Number: 516365
Received EPAID: MOD981505555
Managed Quanity: 415
Kilogram Quanity: 188.24400323779687
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060766
Sequence Number: 516375
Received EPAID: MOD981505555
Managed Quanity: 75
Kilogram Quanity: 34.020000585144011
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060754
Sequence Number: 516355
Received EPAID: MOD981505555
Managed Quanity: 103
Kilogram Quanity: 46.720800803597776
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060764
Sequence Number: 516372
Received EPAID: MOD981505555
Managed Quanity: 79
Kilogram Quanity: 35.834400616351694
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2060760
Sequence Number: 516366
Received EPAID: MOD981505555
Managed Quanity: 34
Kilogram Quanity: 15.422400265265285
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 121688
Waste Sequence Number: 2060767
Sequence Number: 4452435
WCDA Code: D001

Waste Sequence Number: 2060755
Sequence Number: 4452233
WCDA Code: D001

Waste Sequence Number: 2060758
Sequence Number: 4452282
WCDA Code: D035

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number: 2060768
Sequence Number: 4452462
WCDA Code: D001

Waste Sequence Number: 2060757
Sequence Number: 4452262
WCDA Code: D002

Waste Sequence Number: 2060757
Sequence Number: 4452261
WCDA Code: D001

Waste Sequence Number: 2060758
Sequence Number: 4452281
WCDA Code: D002

Waste Sequence Number: 2060764
Sequence Number: 4452367
WCDA Code: U002

Waste Sequence Number: 2060764
Sequence Number: 4452369
WCDA Code: D001

Waste Sequence Number: 2060761
Sequence Number: 4452317
WCDA Code: D039

Waste Sequence Number: 2060764
Sequence Number: 4452368
WCDA Code: U239

Waste Stream Source Code:
CORB Waste Sequence Number: 121688
Waste Sequence Number: 2060760
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060764
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060755
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060759
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060762
Sequence Number: 1
WCDD Code: G32

Waste Sequence Number: 2060767
Sequence Number: 1
WCDD Code: G32

UPS TACOMA (Continued) **1001969495**

Waste Sequence Number:	2060756
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060757
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060754
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060761
Sequence Number:	1
WCDD Code:	G32
Waste Sequence Number:	2060765
Sequence Number:	1
WCDD Code:	G32

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	UNITED PARCEL SERVICE WATAC
Address:	5001 20TH ST E -
City,State,Zip:	TACOMA, WA 98424-1911
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23908999
Longitude:	-122.36192
Permit ID:	WAR000309
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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124 **TOPPING VOLVO** **RCRA-VSQG** **1004793856**
ESE **5111 20TH ST E** **WA CSCSL** **WAD982654550**
1/2-1 **TACOMA, WA 98424** **WA LUST**
0.985 mi. **WA UST**
5199 ft. **WA ALLSITES**

Relative:
Lower

Actual:
16 ft.

RCRA Listings:

Date Form Received by Agency:	2001-03-09 00:00:00.0
Handler Name:	TOPPING VOLVO
Handler Address:	5111 20TH ST E
Handler City,State,Zip:	TACOMA, WA 98424
EPA ID:	WAD982654550
Contact Name:	MIKE JOHNSON

TOPPING VOLVO (Continued) **1004793856**

Contact Address:	5111 20TH ST E
Contact City,State,Zip:	FIFE, WA 98424
Contact Telephone:	253-922-5505
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	5111 20TH ST E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	TOPPING VOLVO
Owner Type:	Private
Operator Name:	SEARLE, CHUCK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

TOPPING VOLVO (Continued) **1004793856**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 15:43:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E
Owner/Operator City,State,Zip: TACOMA, WA 98424
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOPPING VOLVO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5111 20TH ST E

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private

TOPPING VOLVO (Continued) **1004793856**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING, BRAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	2001-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424-1910
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING, BRAD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE LOVELY VOLKSWAGEN INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E

TOPPING VOLVO (Continued) **1004793856**

Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	1996-06-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPPING VOLVO
Legal Status:	Private

TOPPING VOLVO (Continued) **1004793856**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	TACOMA, WA 98424
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEARLE, CHUCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5111 20TH ST E
Owner/Operator City,State,Zip:	FIFE, WA 98424
Owner/Operator Telephone:	253-922-5505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-04-20 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-11 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

TOPPING VOLVO (Continued) **1004793856**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-19 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-31 00:00:00.0

TOPPING VOLVO (Continued) **1004793856**

Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-10 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-05 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-26 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TOPPING VOLVO (Continued) **1004793856**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-09 00:00:00.0
Handler Name:	TOPPING VOLVO
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

CSCSL:

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Region:	Southwest
Lat/Long:	47.23919 / -122.36064
Clean Up Siteid:	8409
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

TOPPING VOLVO (Continued) **1004793856**

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Region:	Southwest
Lat/Long:	47.23919 / -122.36064
Clean Up Siteid:	8409
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Region:	Southwest
Lat/Long:	47.23919 / -122.36064
Clean Up Siteid:	8409
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Region:	Southwest
Lat/Long:	47.23919 / -122.36064
Clean Up Siteid:	8409
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True

TOPPING VOLVO (Continued) **1004793856**

Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Region: Southwest
Lat/Long: 47.23919 / -122.36064
Clean Up Siteid: 8409
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: TOPPING VOLVO NISSAN
Address: 5111 20TH ST E
City,State,Zip: TACOMA, WA 98424
Facility ID: 24191258
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8409
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section: Southwest
Release Date: 08/12/1992
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 2198
UST ID: 4183
Contaminant Name: Lead
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.23919 / -122.36064

Name: TOPPING VOLVO NISSAN

TOPPING VOLVO (Continued) **1004793856**

Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Petroleum-Other
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest

TOPPING VOLVO (Continued) **1004793856**

Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

Name:	TOPPING VOLVO NISSAN
Address:	5111 20TH ST E
City,State,Zip:	TACOMA, WA 98424
Facility ID:	24191258
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8409
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PETE LOVELY VOLKSWAGEN INC,Topping Volvo
Response Section:	Southwest
Release Date:	08/12/1992
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	2198
UST ID:	4183
Contaminant Name:	Benzene
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23919 / -122.36064

UST:

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424
Facility ID:	24191258
Site Id:	4183
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23919
Decimal Longitude:	-122.36064

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons

TOPPING VOLVO (Continued) **1004793856**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424

TOPPING VOLVO (Continued) **1004793856**

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PETE LOVELY VOLKSWAGEN INC
Address:	5111 20TH ST E
City:	TACOMA
Zip:	98424

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

TOPPING VOLVO (Continued) **1004793856**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: TOPPING VOLVO
Facility Id: 24191258

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FIFE	S124434070	SCHULER INDUSTRIAL PARK	5919 12TH ST E & 1112 62ND AVE	98424	WA VCP
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		WA SWF/LF
TACOMA	S124432425	PORTAC INC TACOMA	4215 SR 509 E FRONTAGE RD	98421	WA VCP
TACOMA	1025802936	TACOMA ALUMINUM PHOSPHIHE RESPONSE	ALEXANDER AVENUE	98421	SEMS
TACOMA	S103504390	US OIL/HYUNDAI TERMINAL	PORT OF TACOMA ROAD	98421	WA ICR
TACOMA	1010080826	PSE TACOMA HISTORICAL COAL GAS	220 E RIVER STREET	98421	EDR MGP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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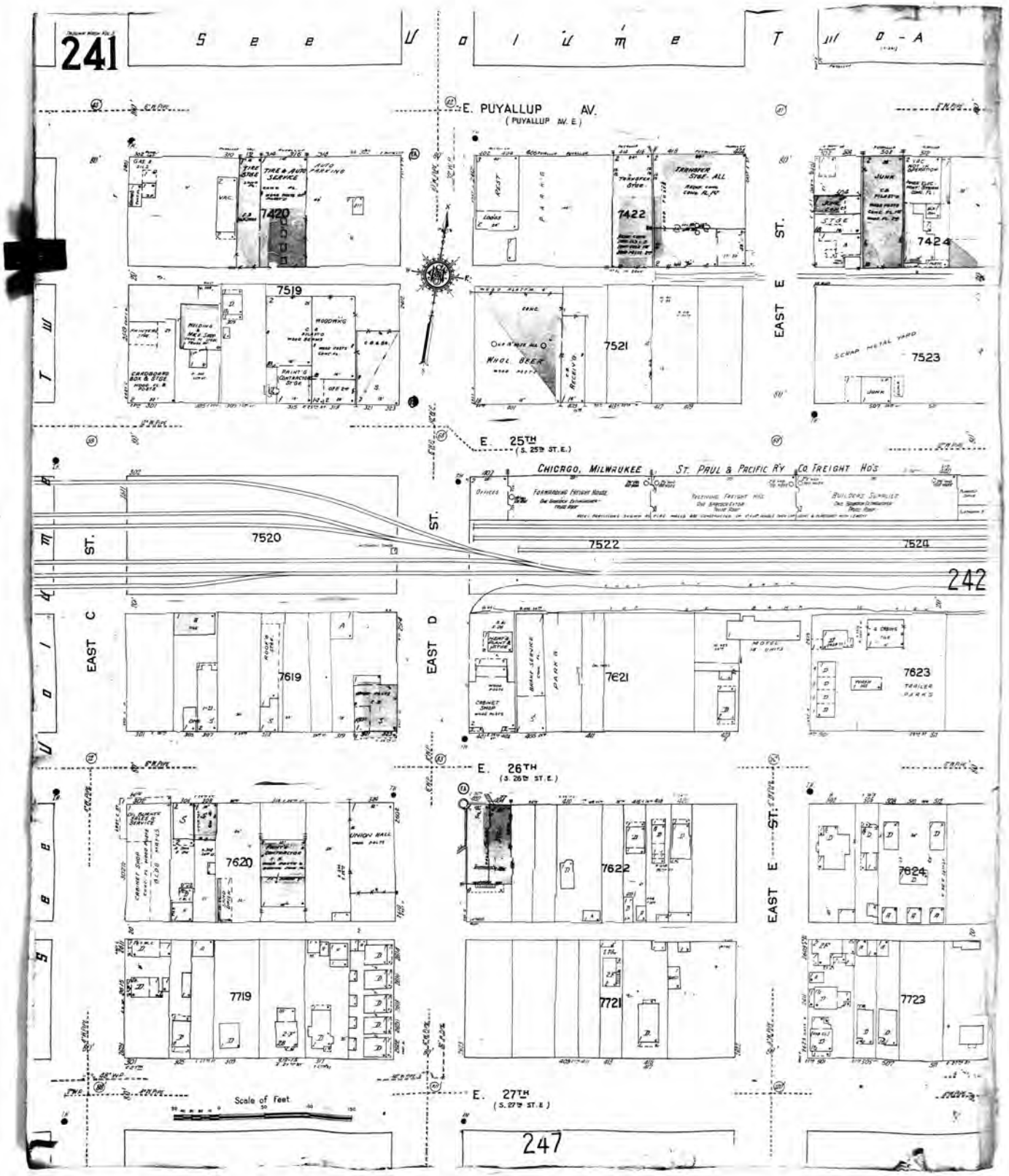

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Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

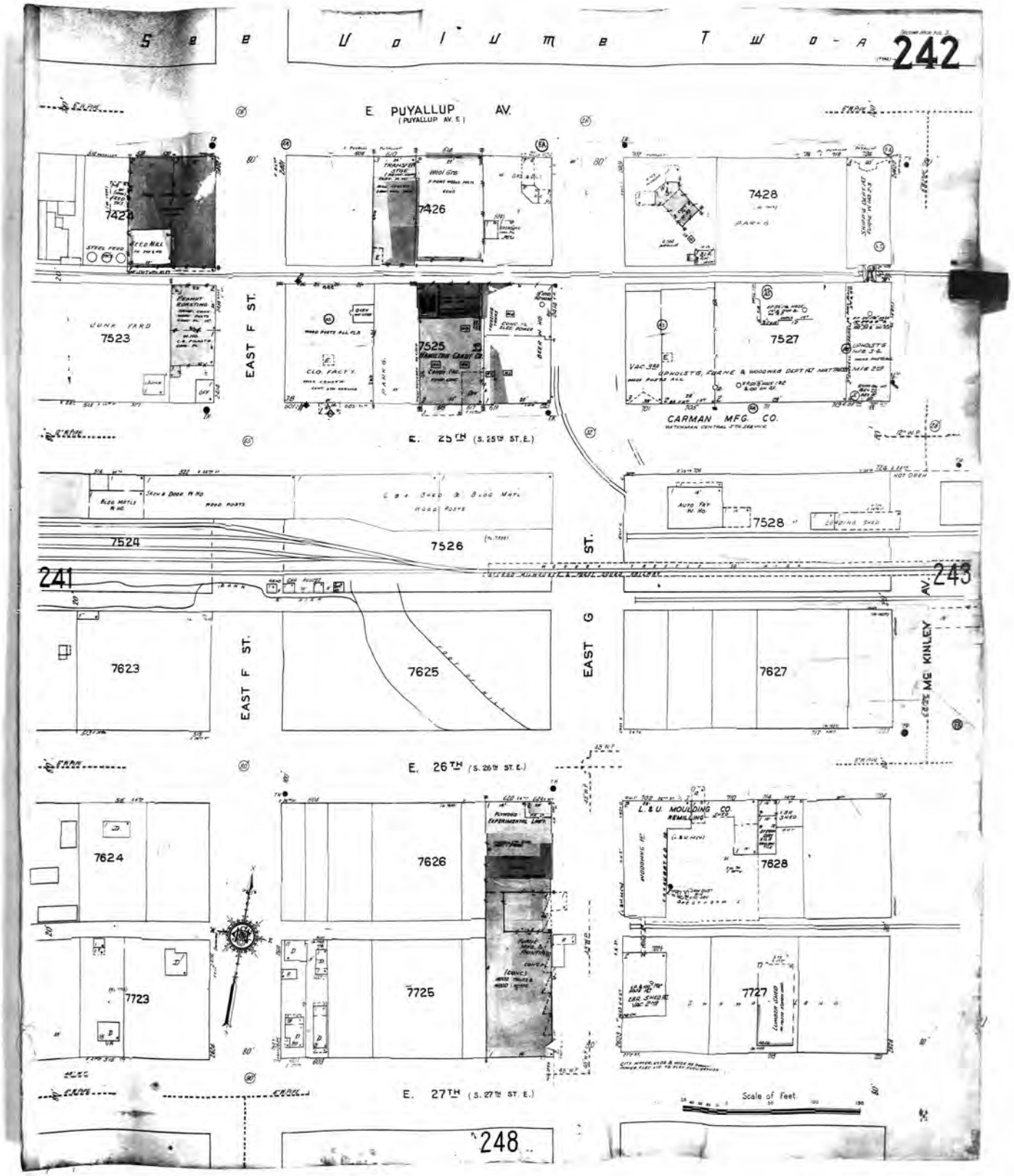

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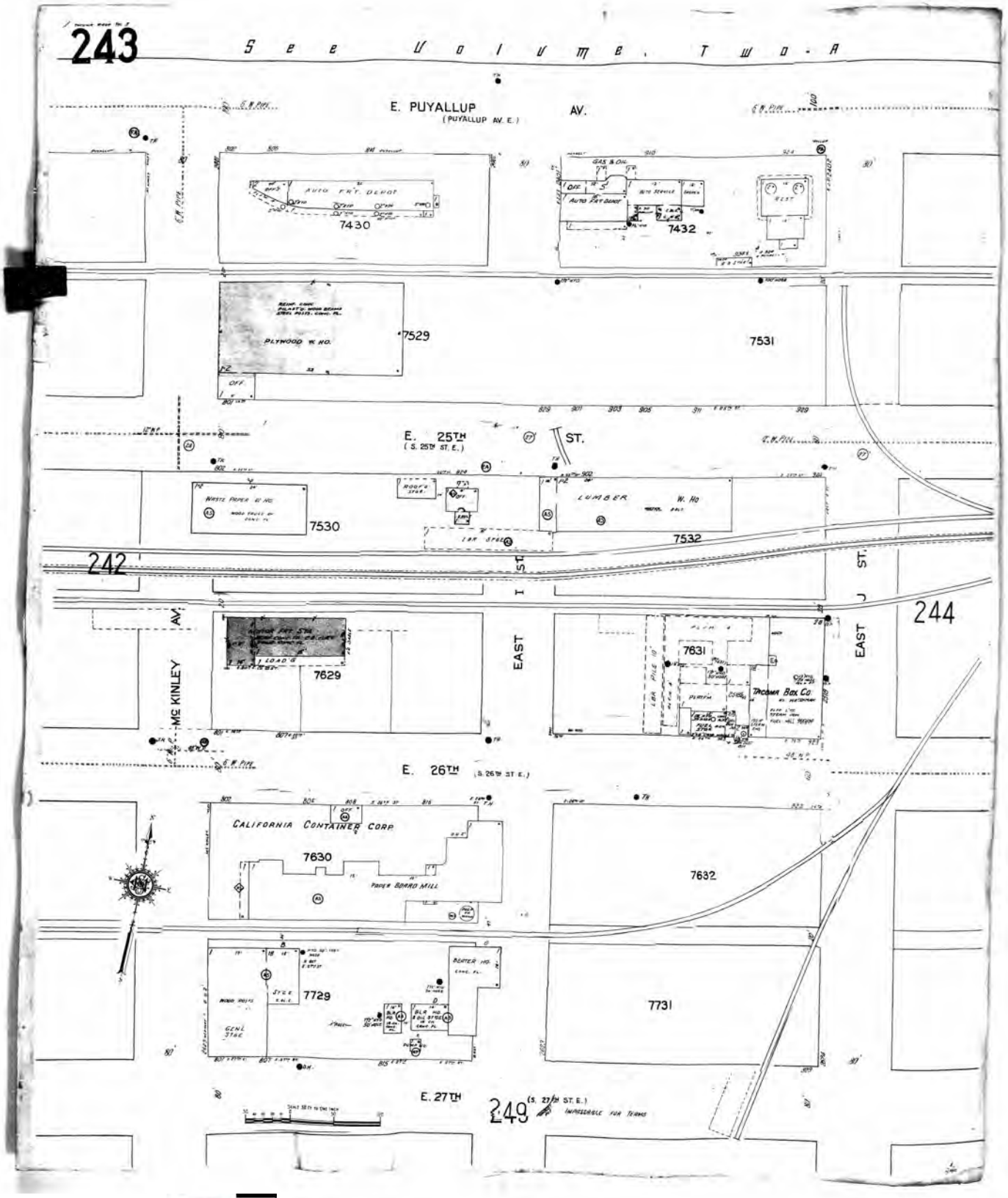

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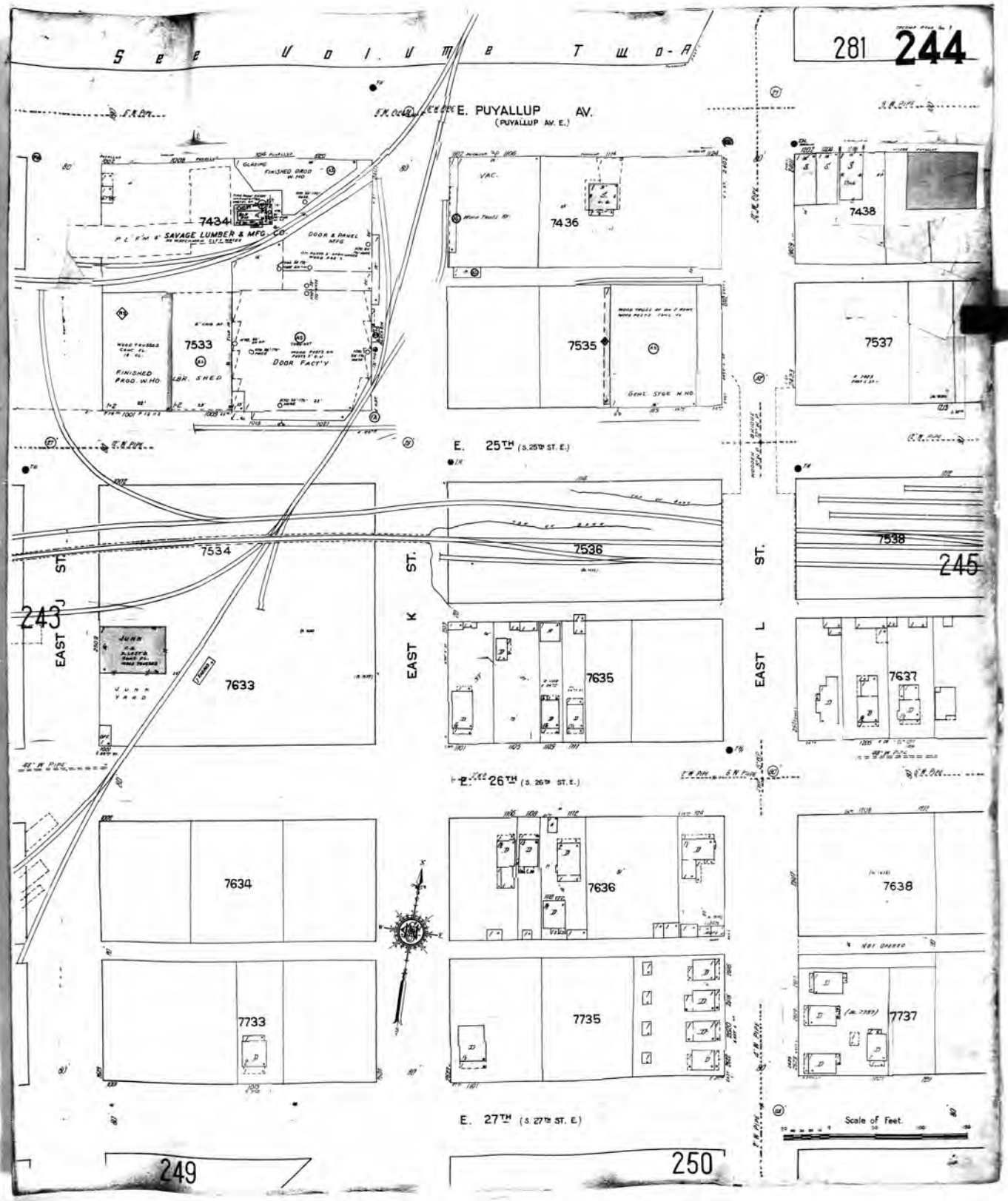

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Copyright	1963

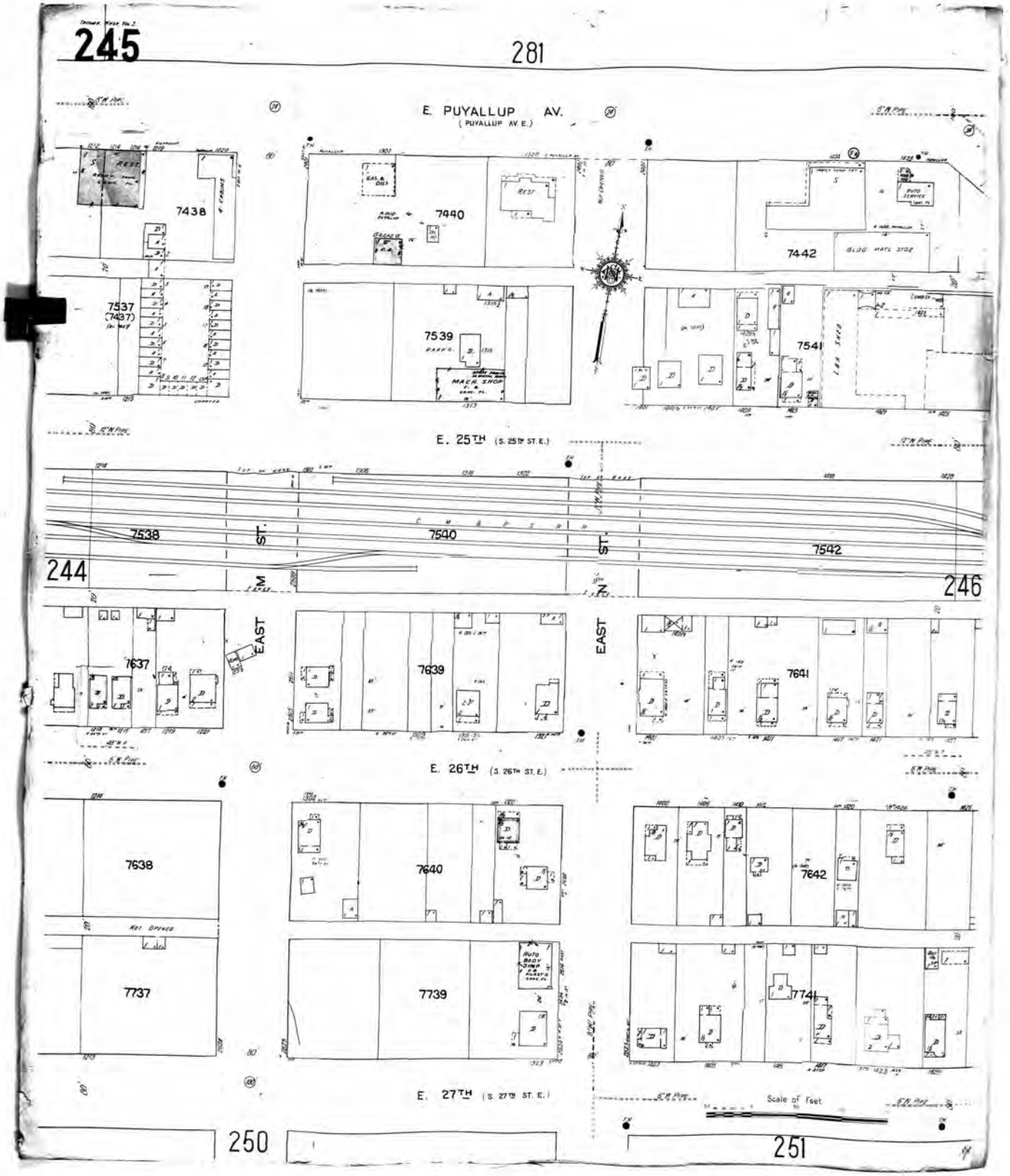

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Copyright	1963

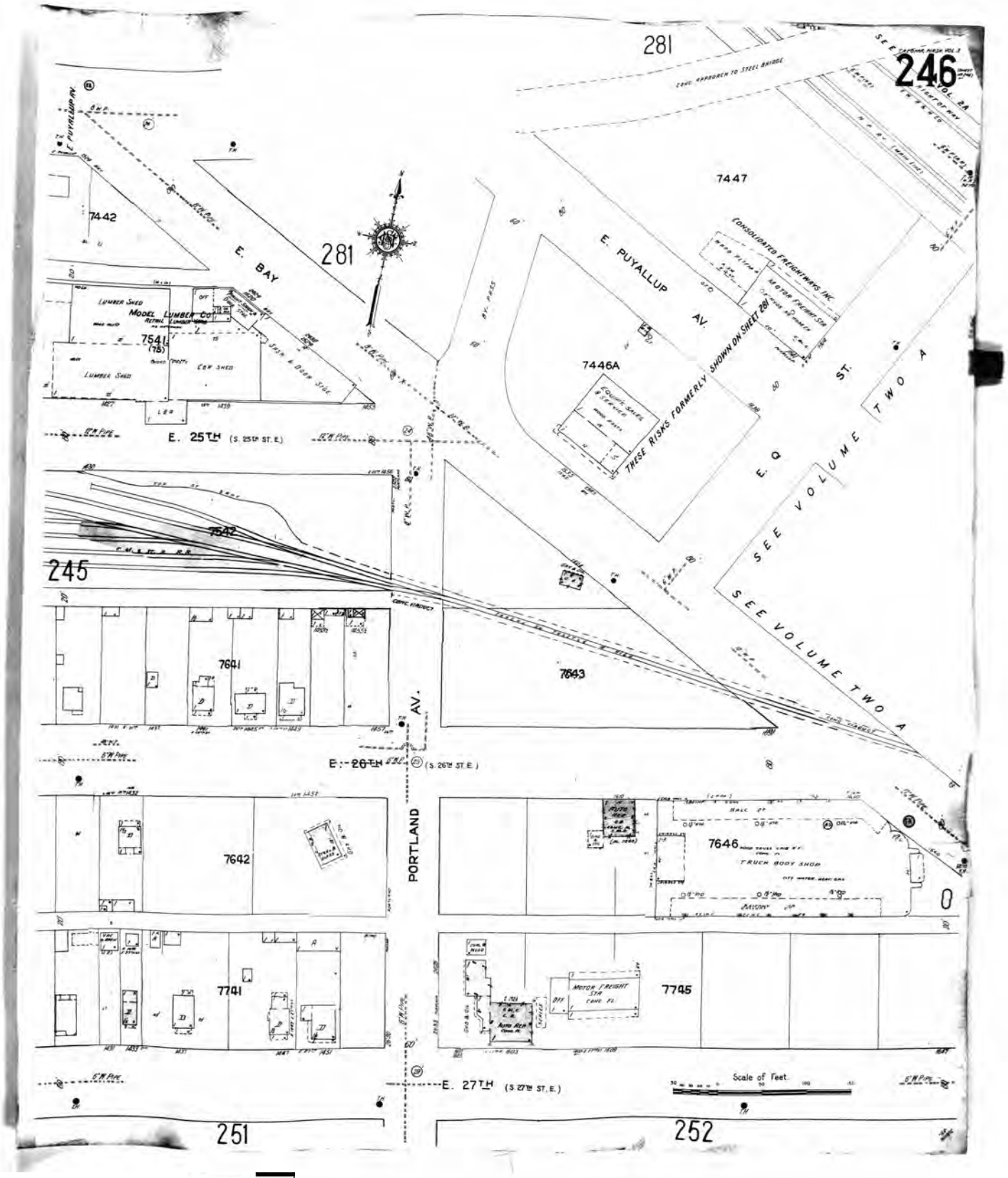

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Copyright	1963

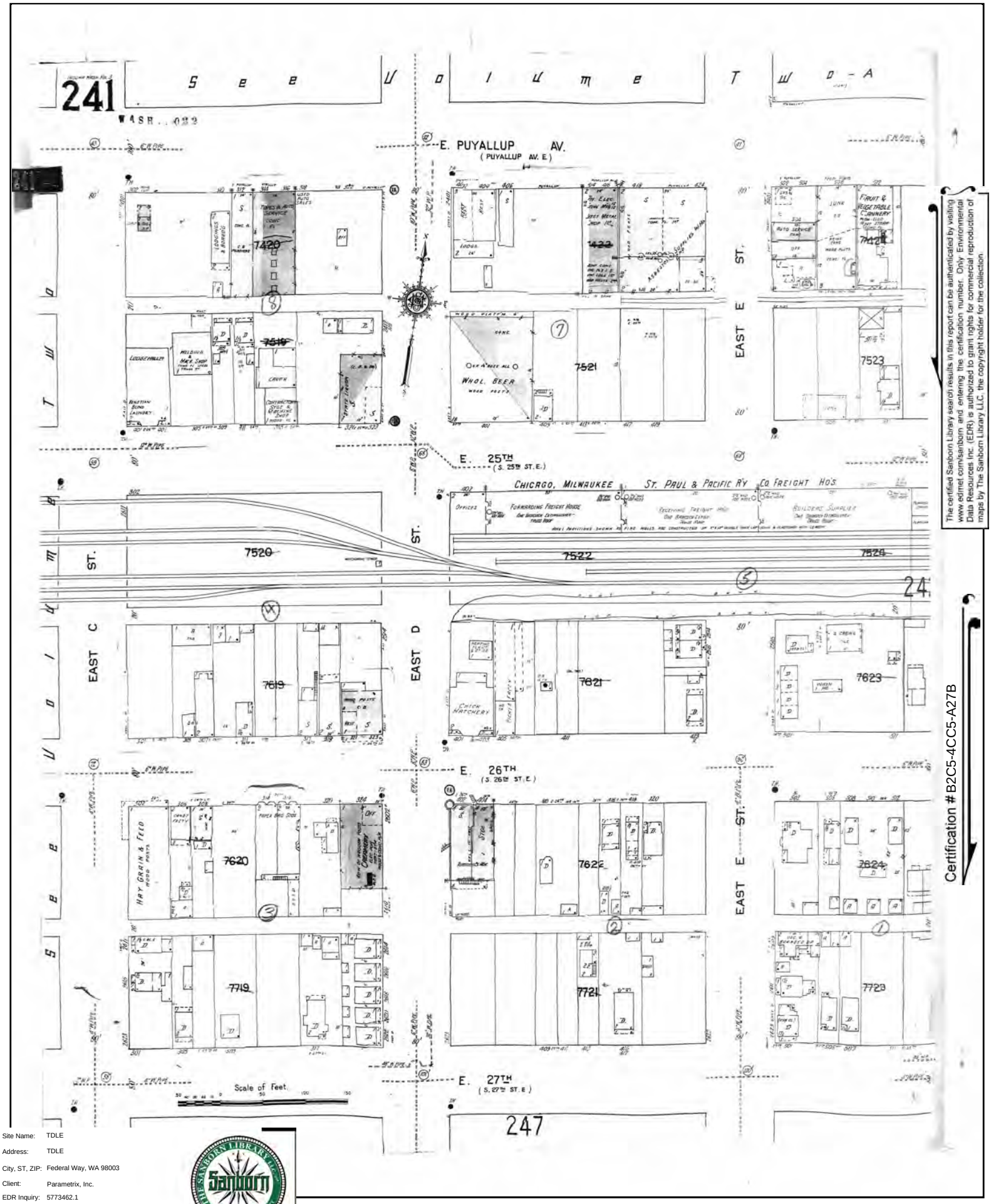

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EDR Inquiry:	5773462.1
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Copyright	1950

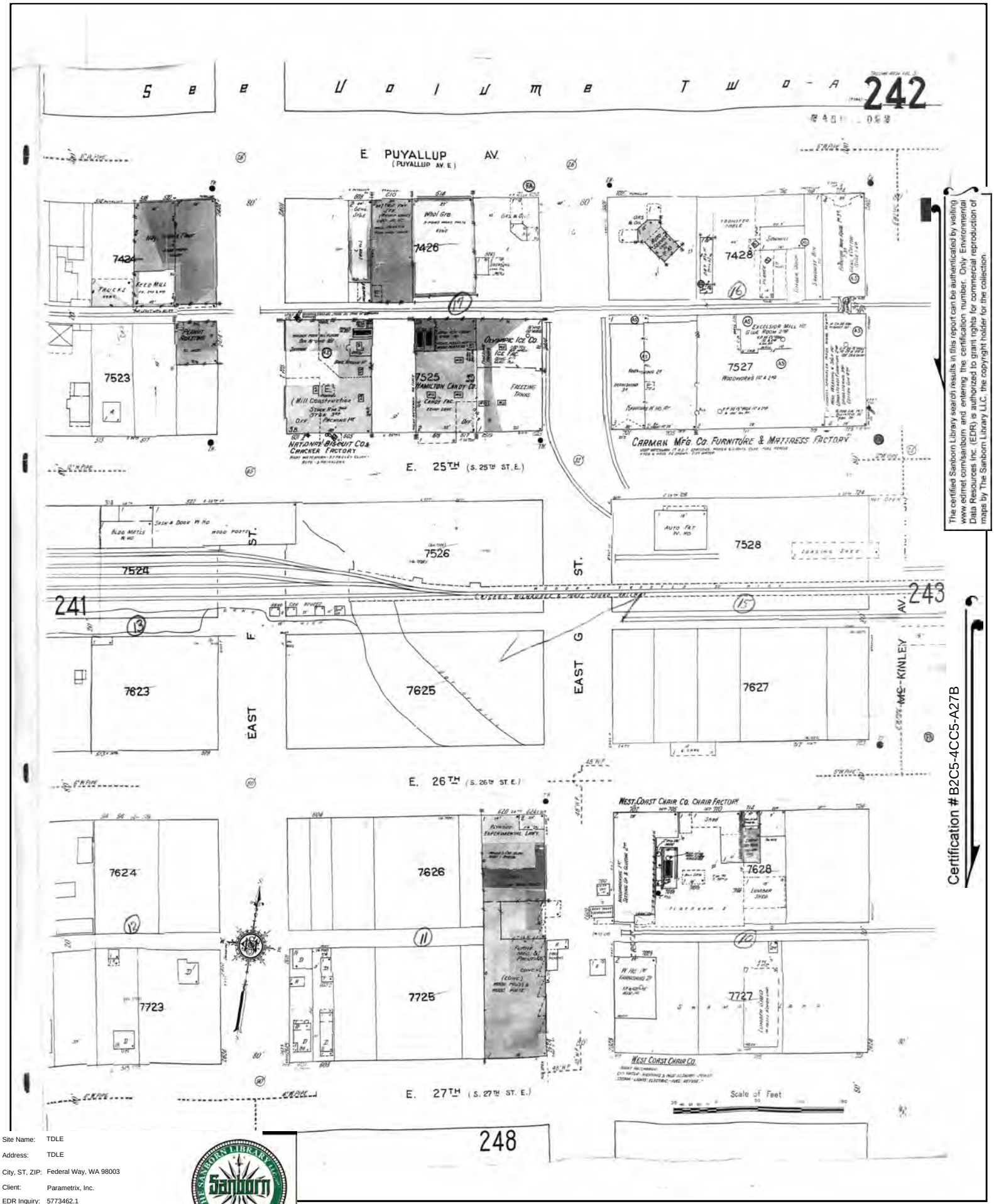

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Copyright	1950

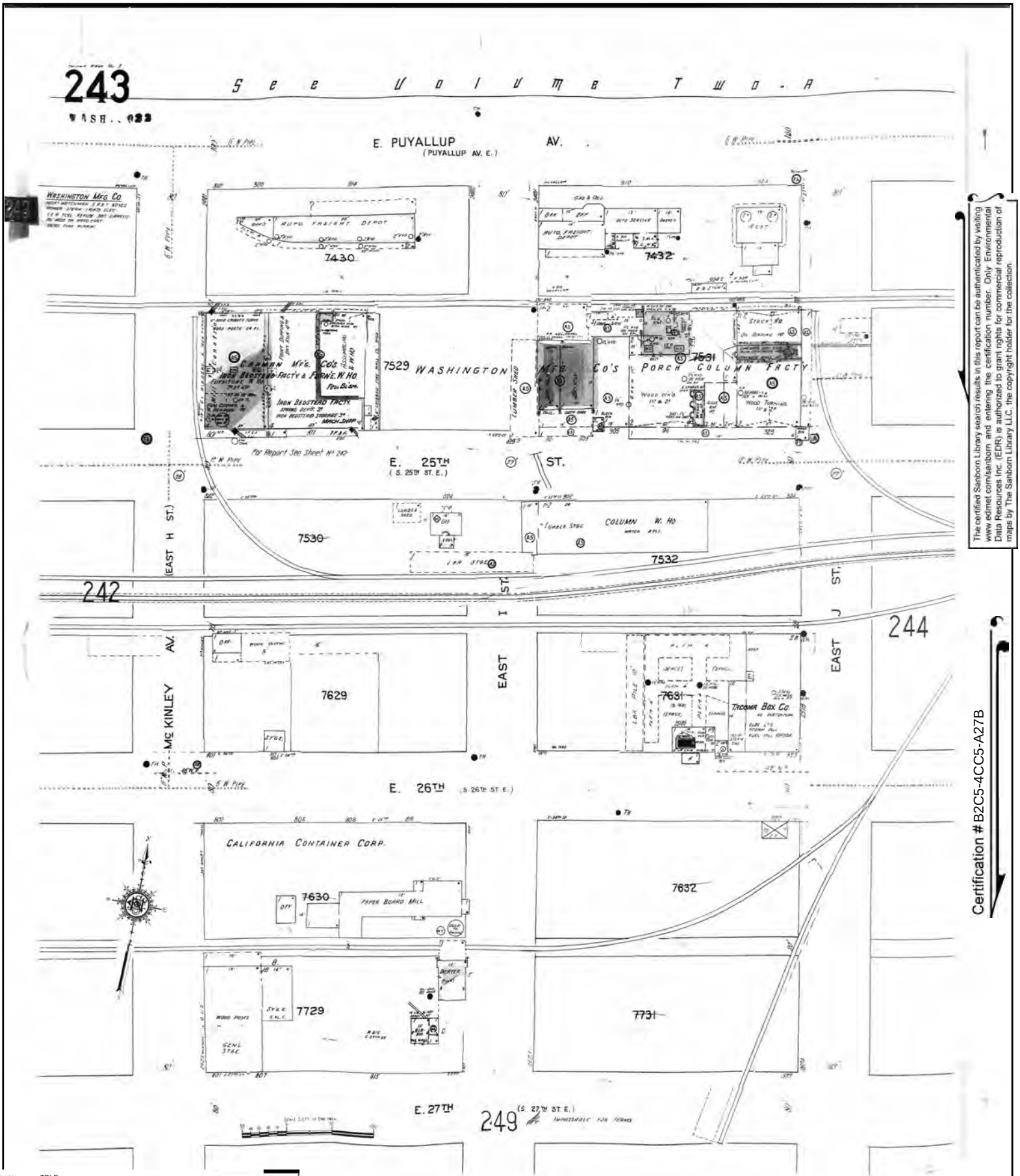

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

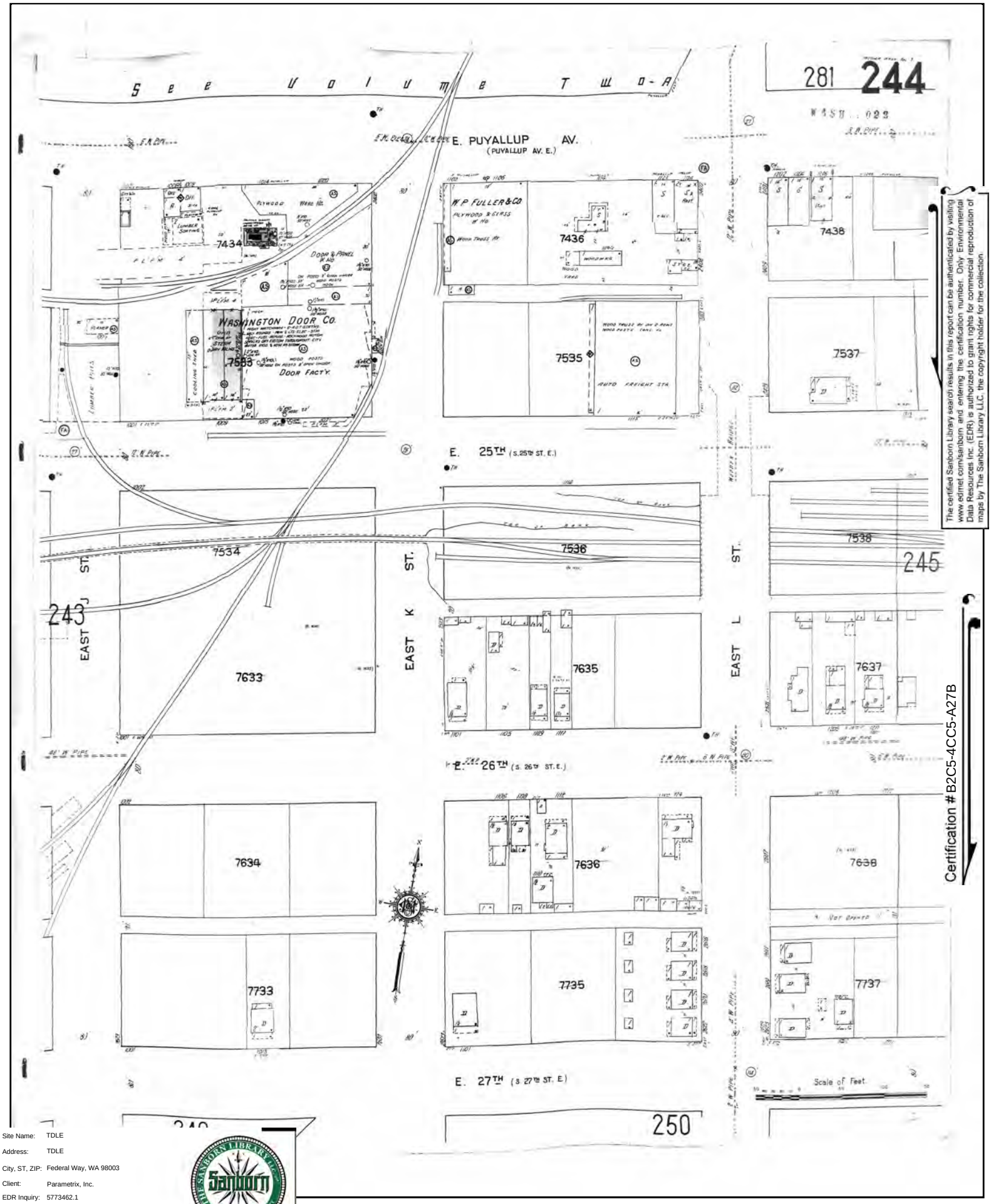

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Certification #	B2C5-4CC5-A27B
Copyright	1950

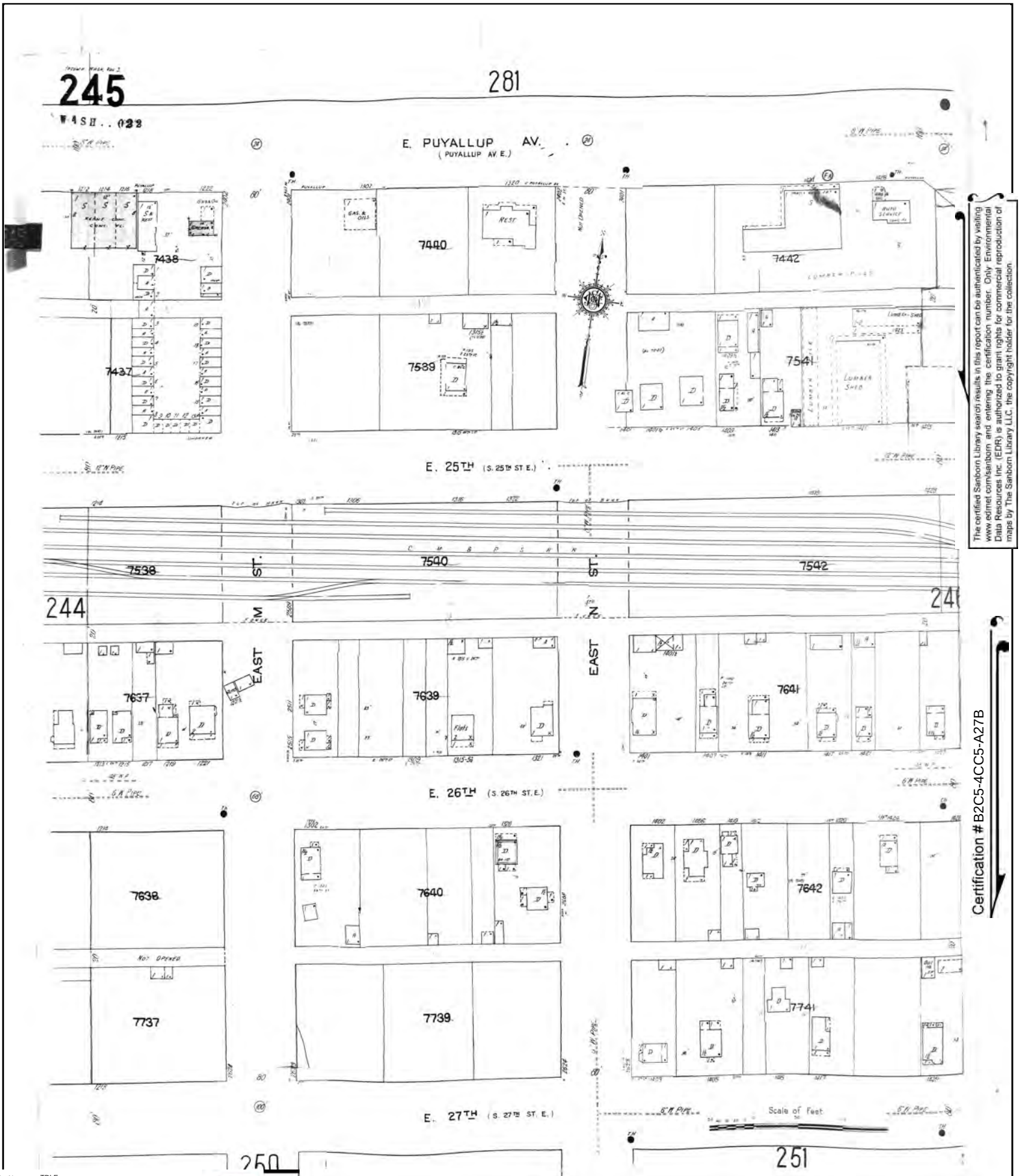

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

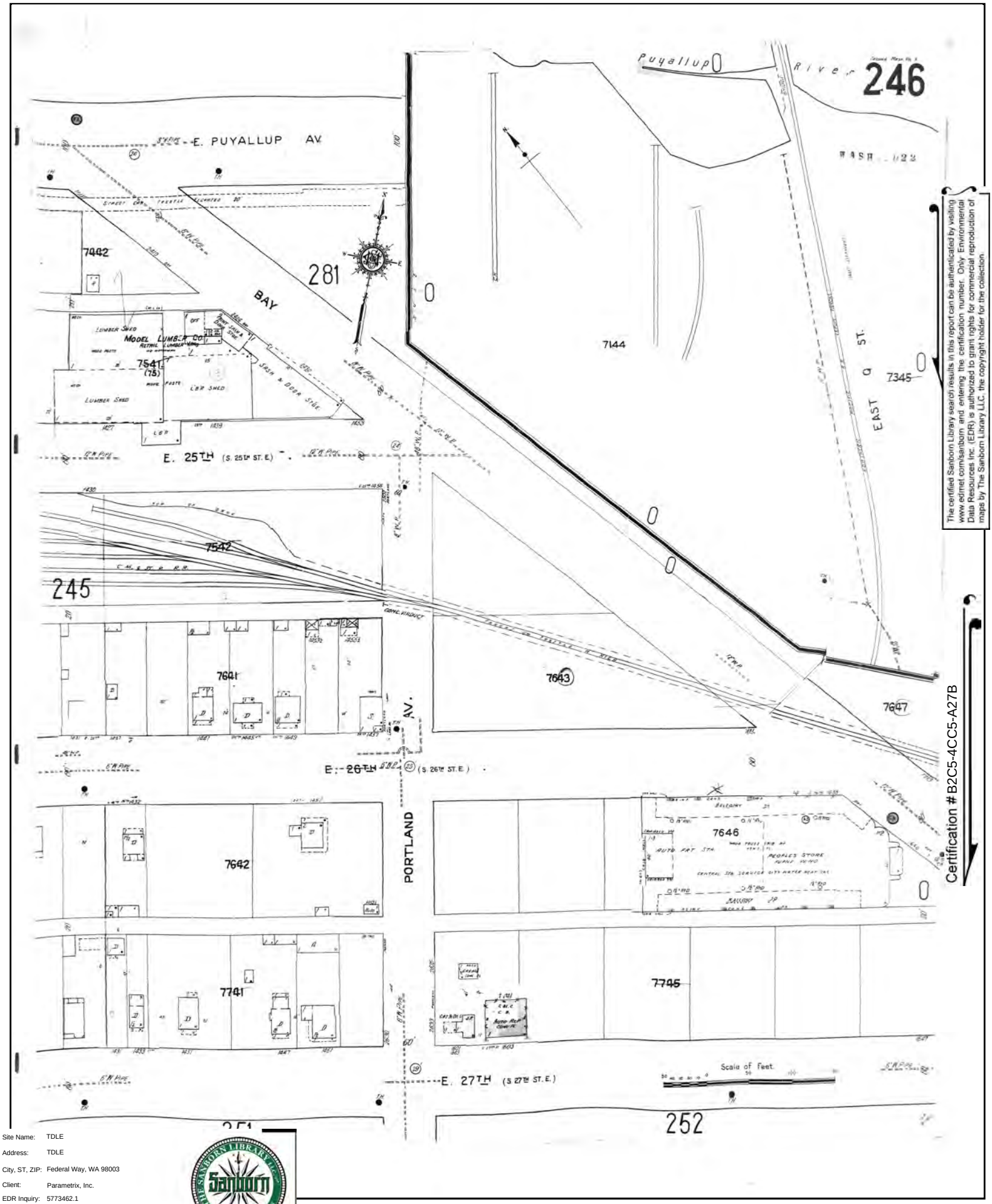

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Copyright	1950

Certified Sanborn® Map

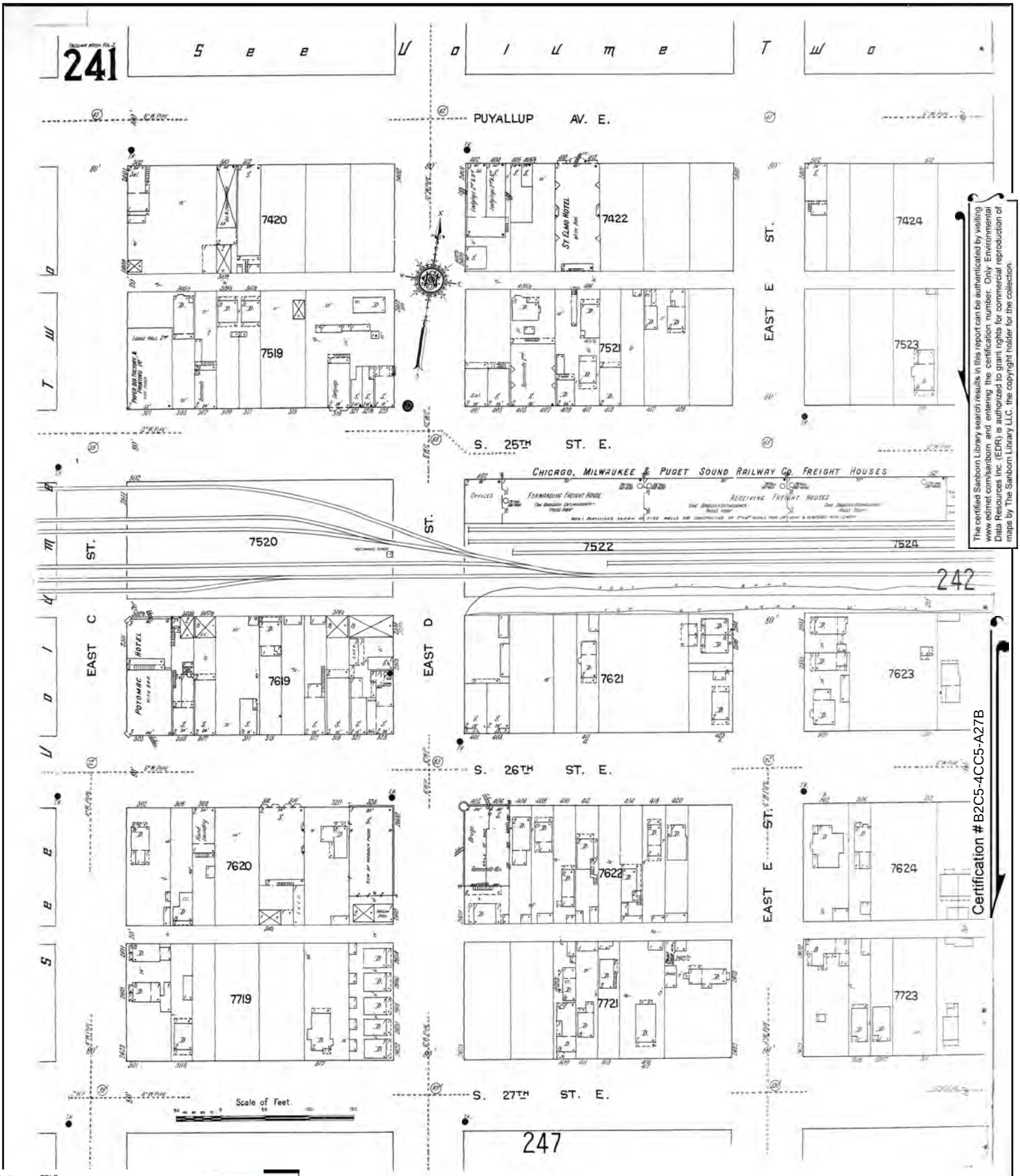

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

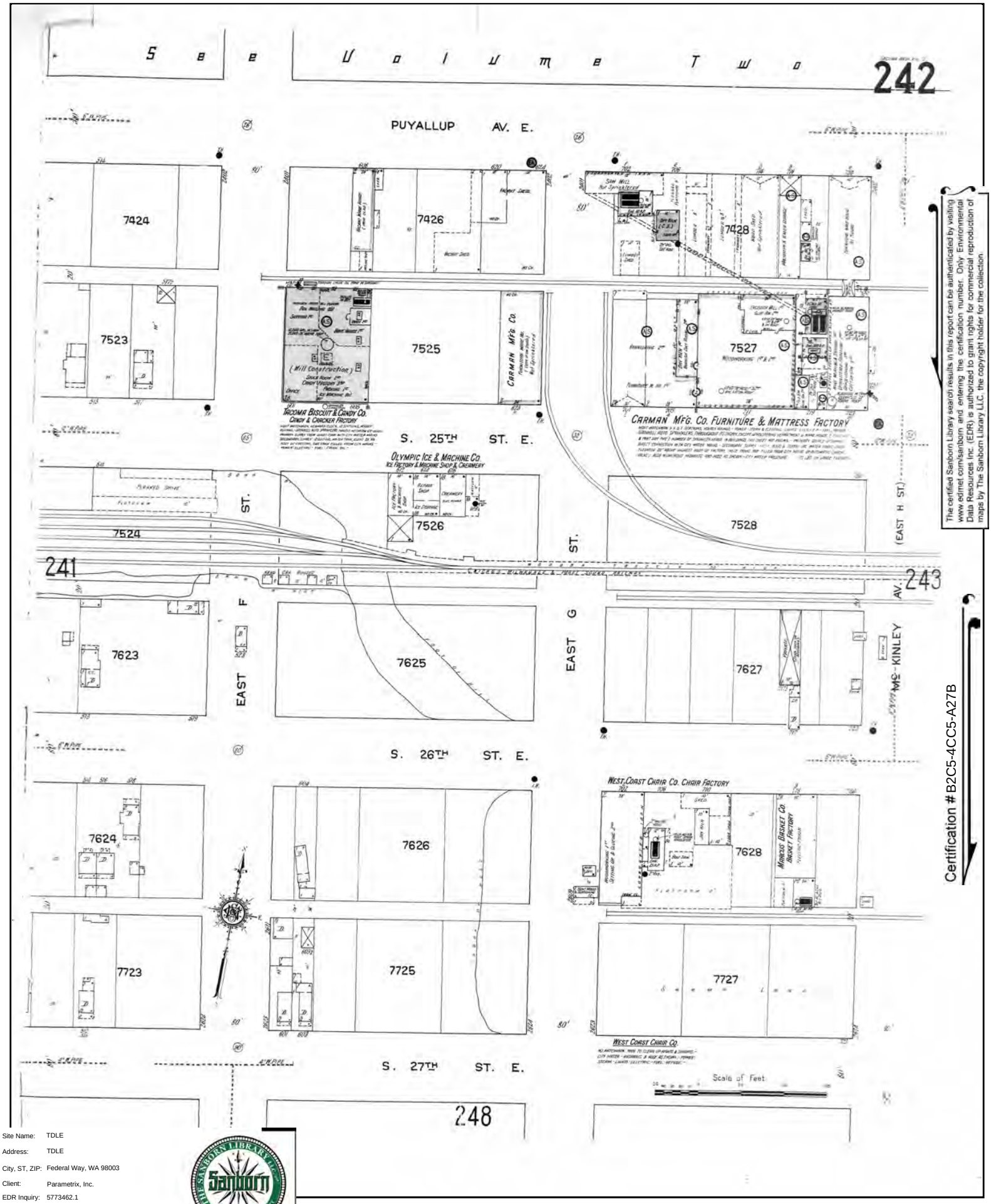

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Copyright	1912

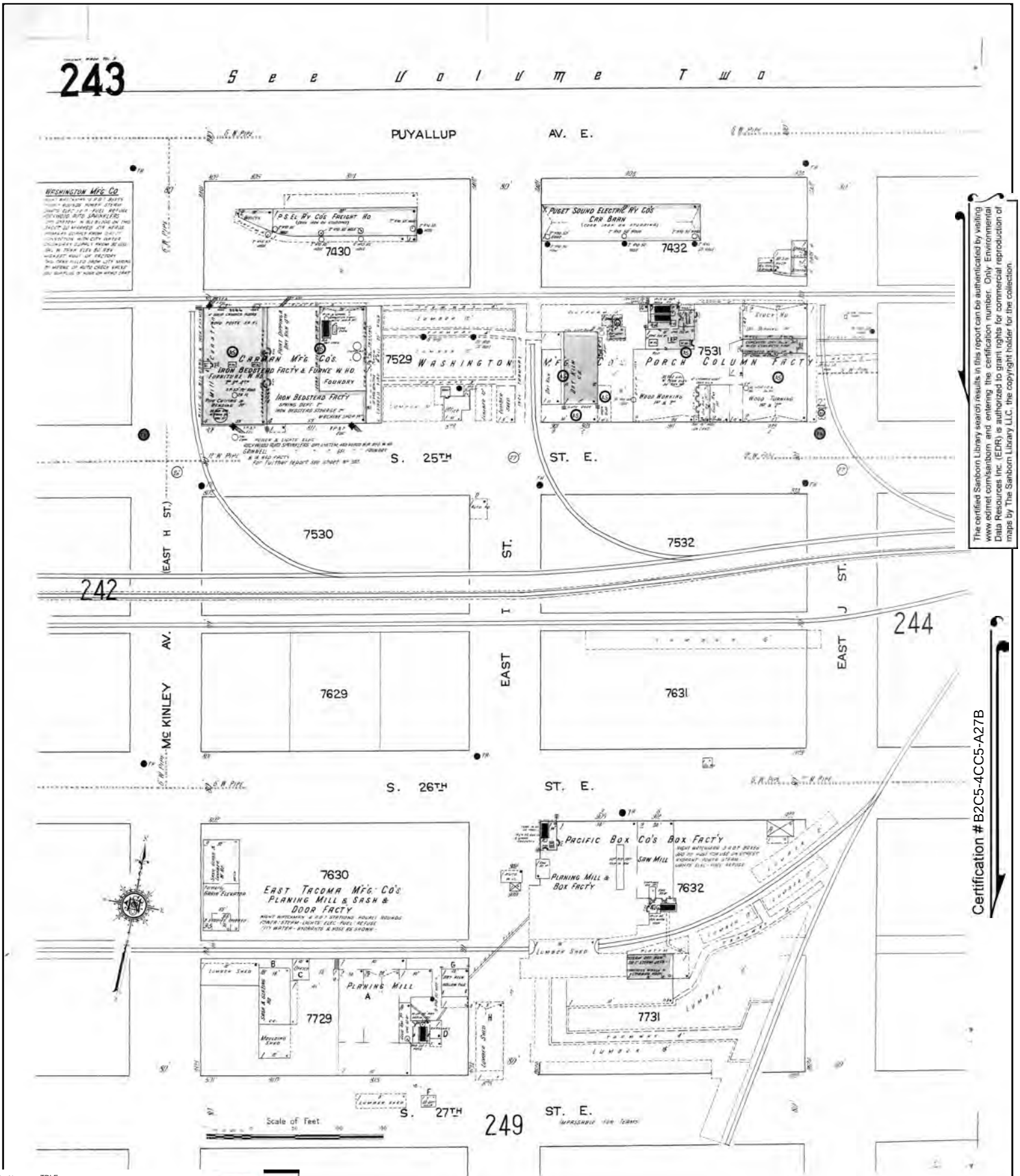

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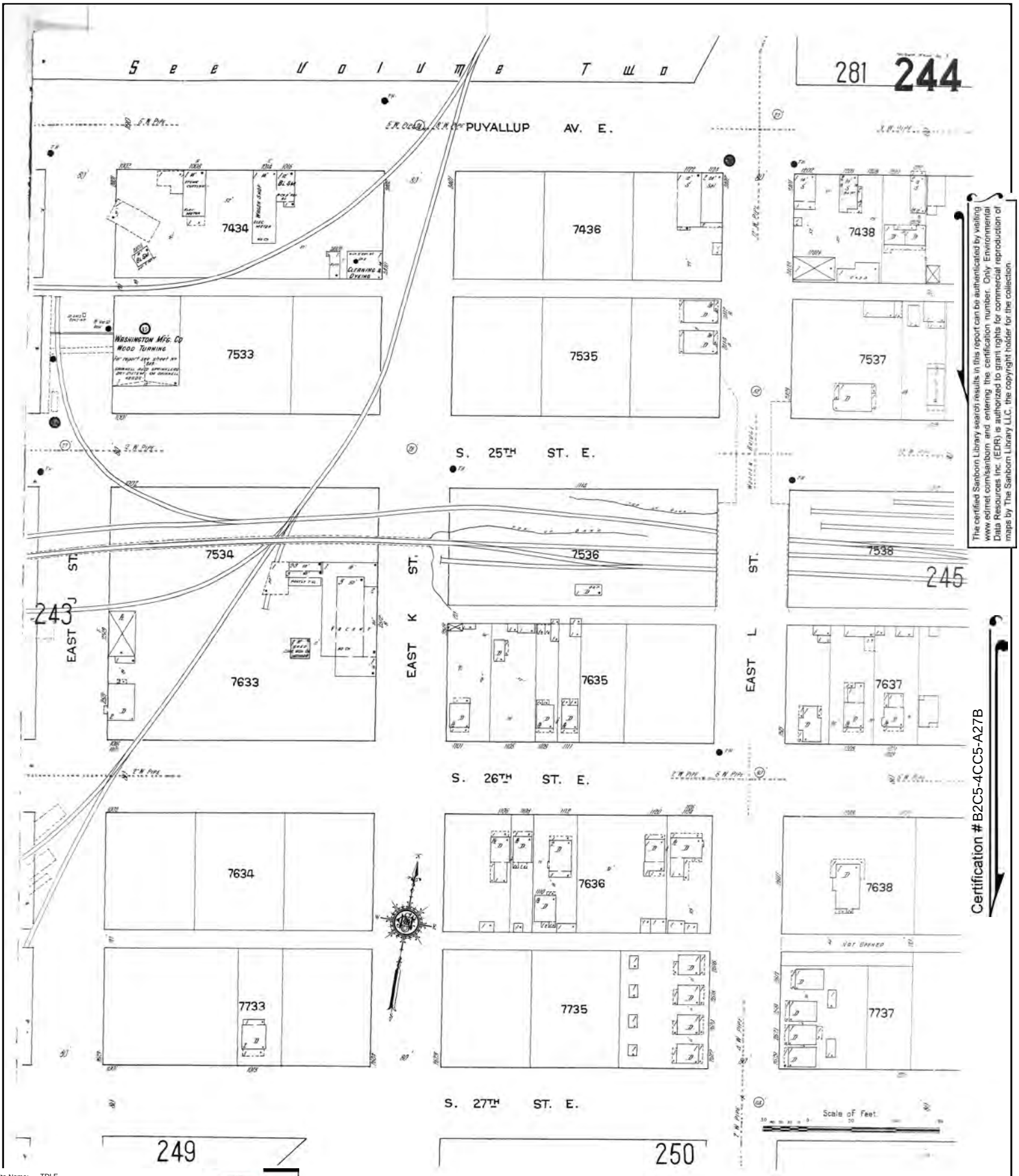

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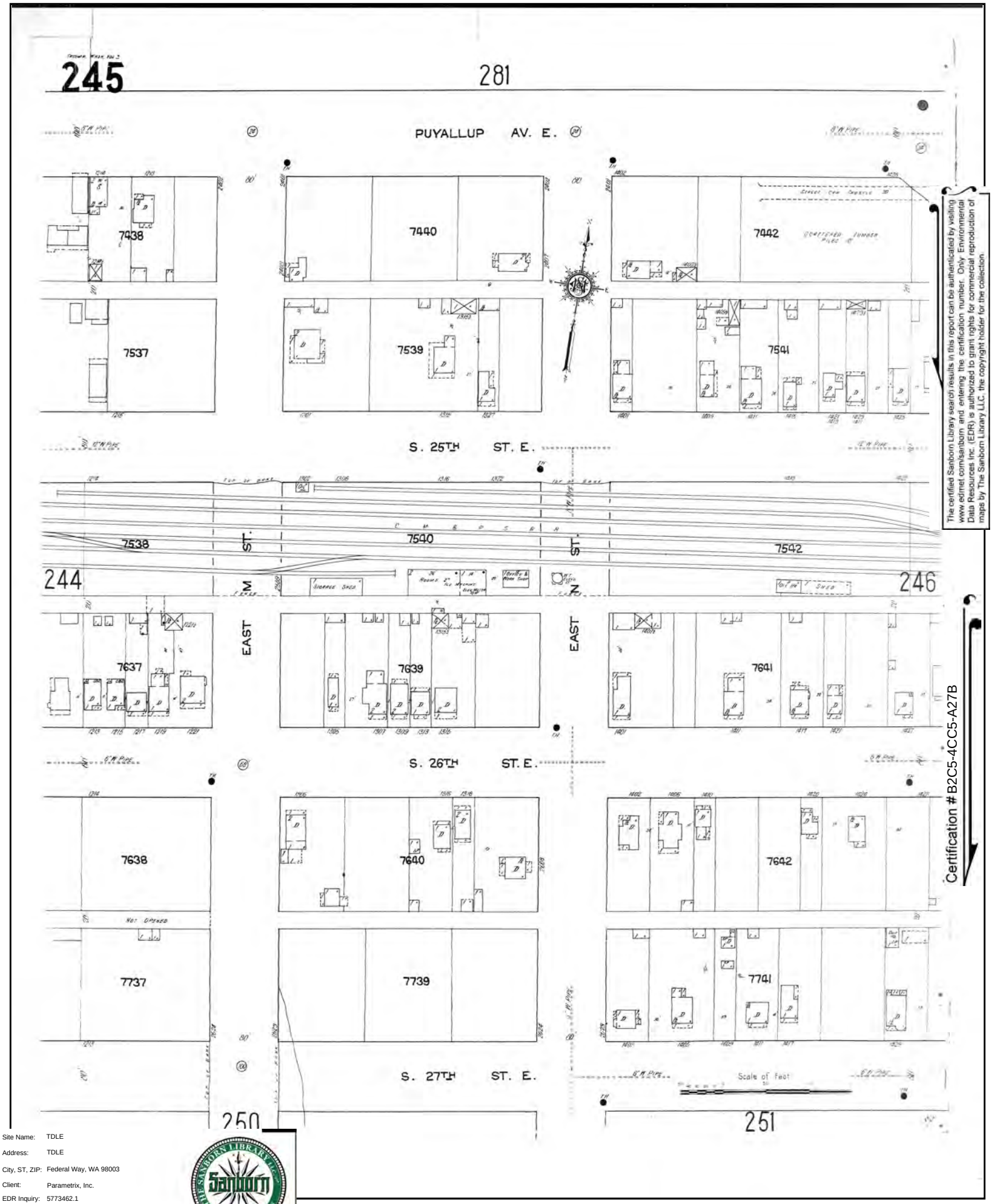

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Certification #	B2C5-4CC5-A27B
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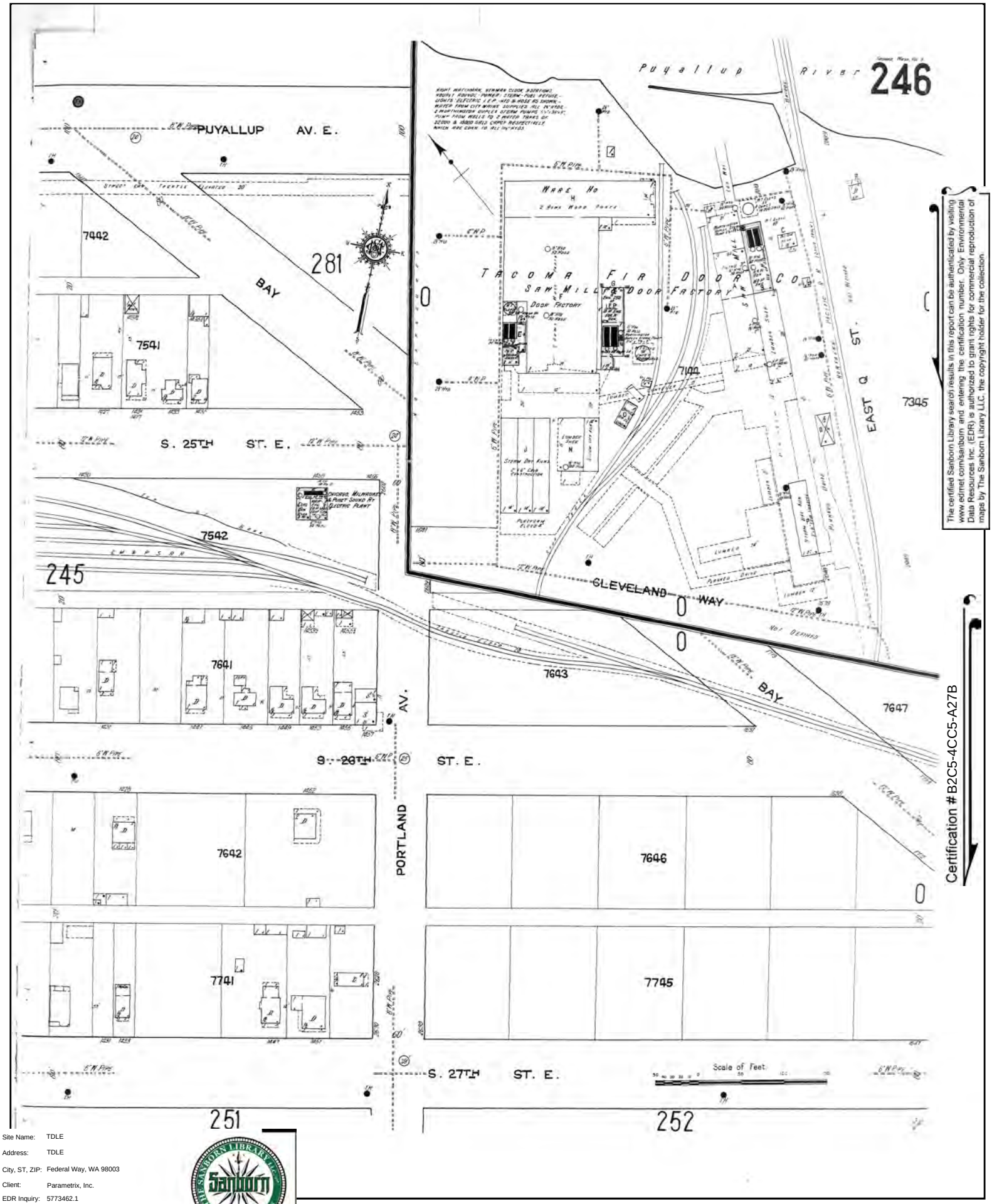

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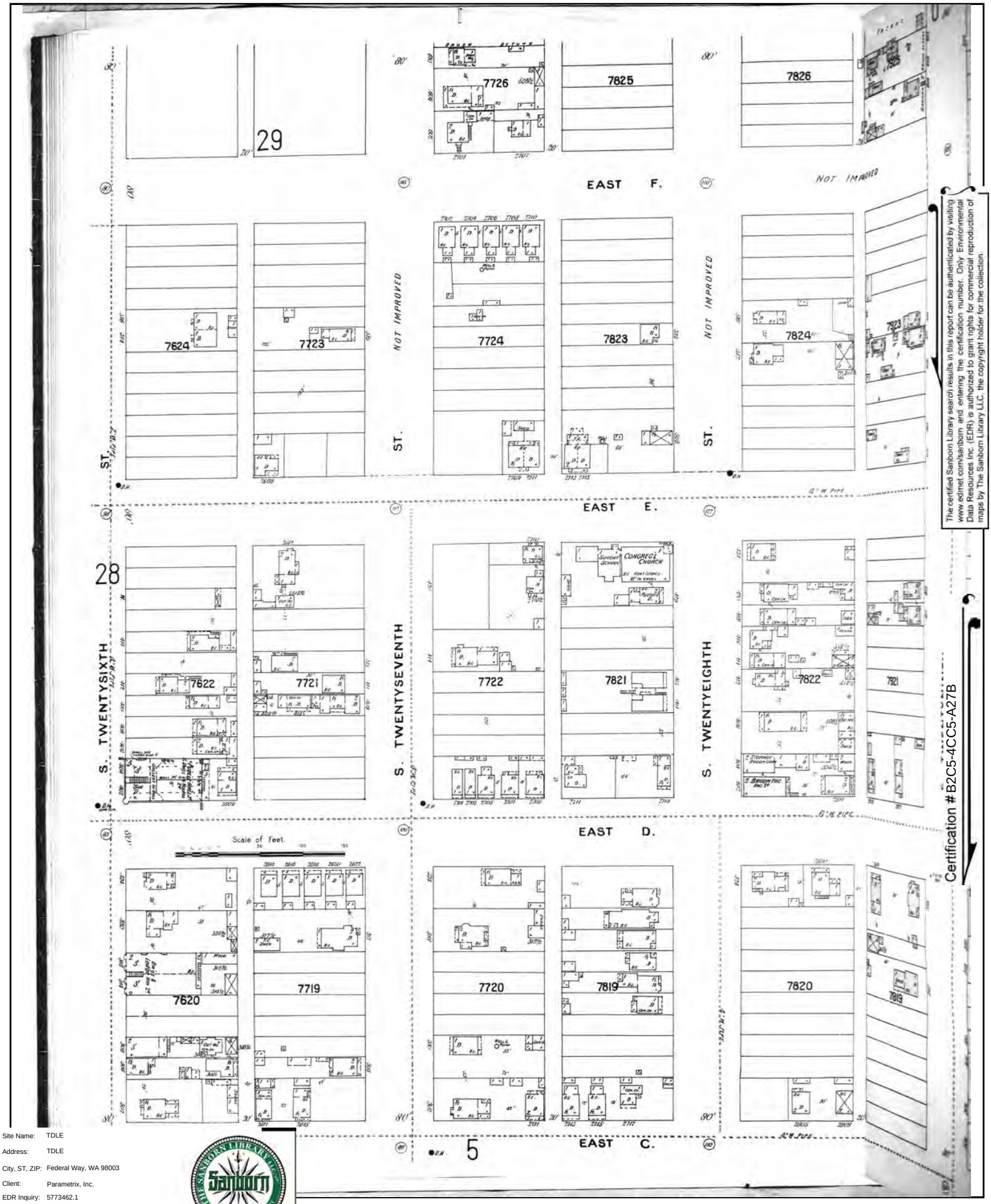

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

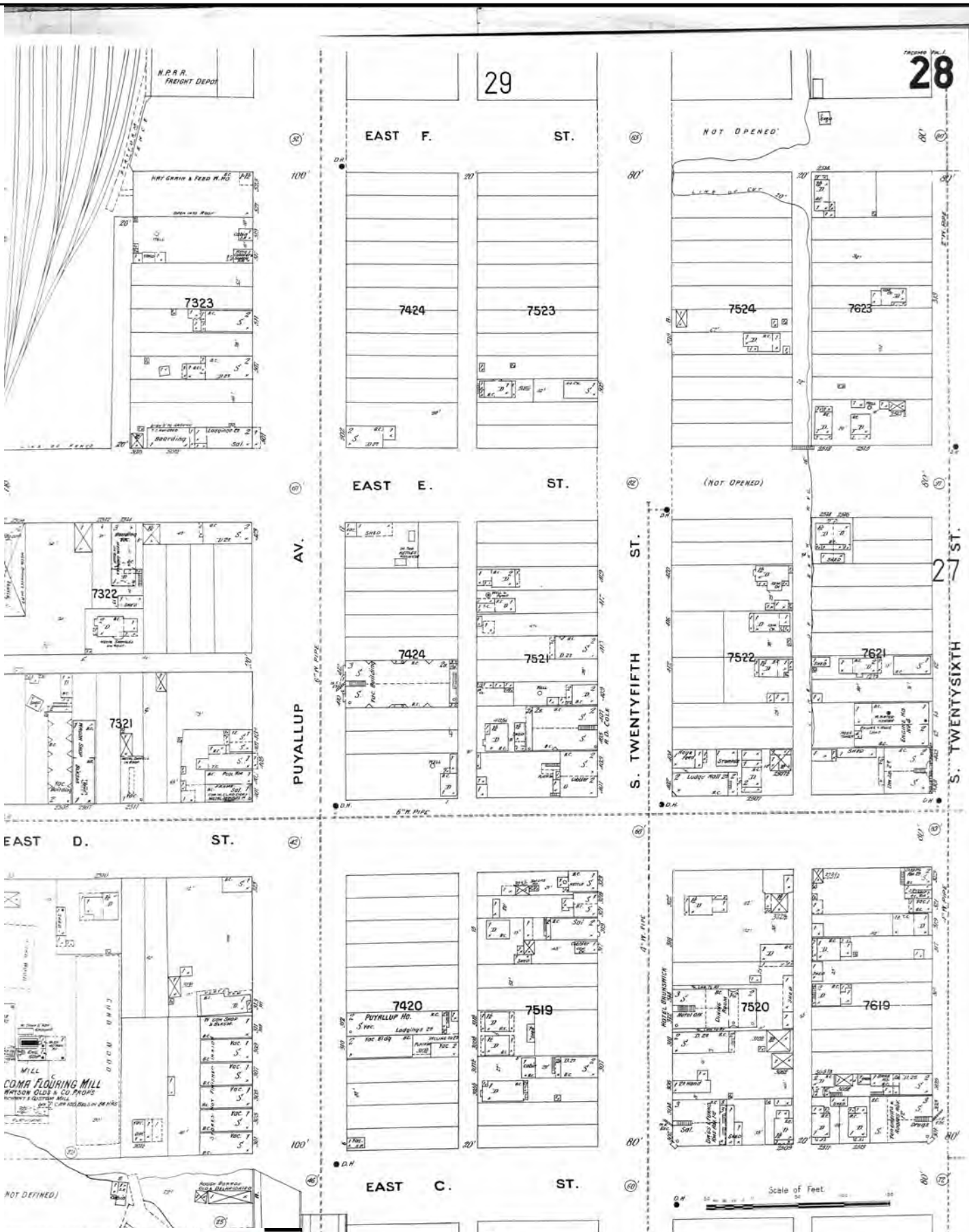

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Certification #	B2C5-4CC5-A27B
Copyright	1896

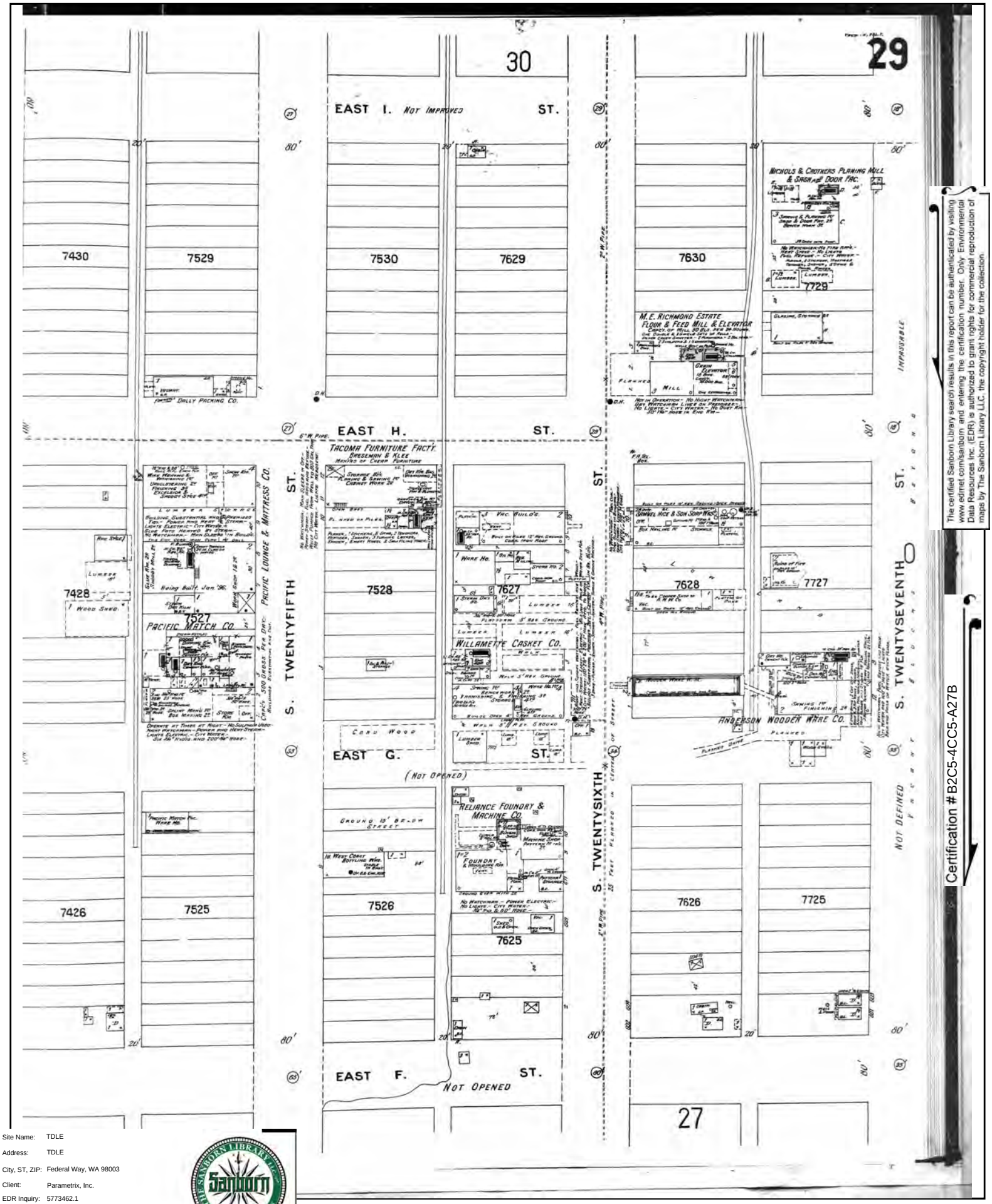

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Certification #	B2C5-4CC5-A27B
Copyright	1896

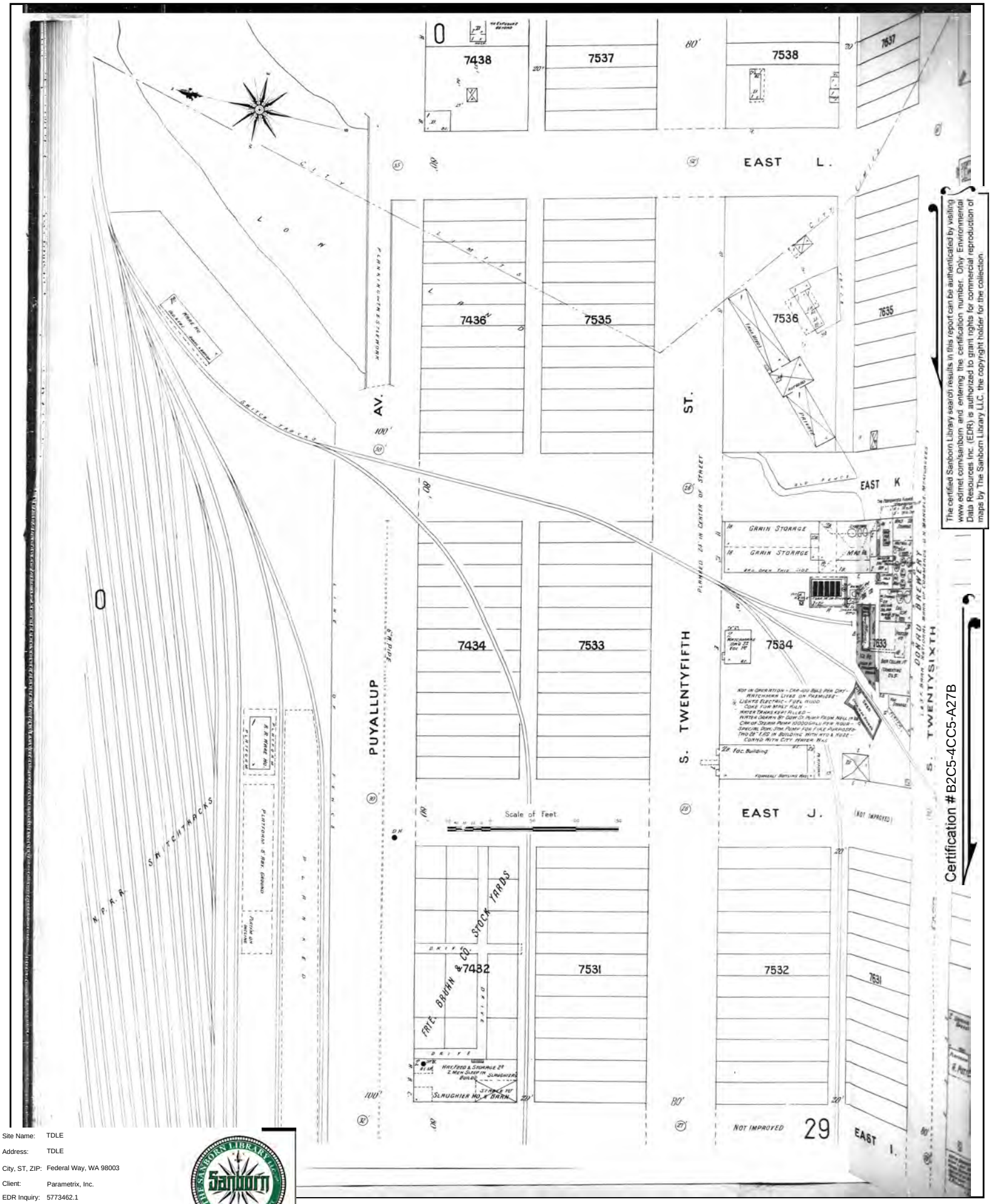

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Copyright	1896

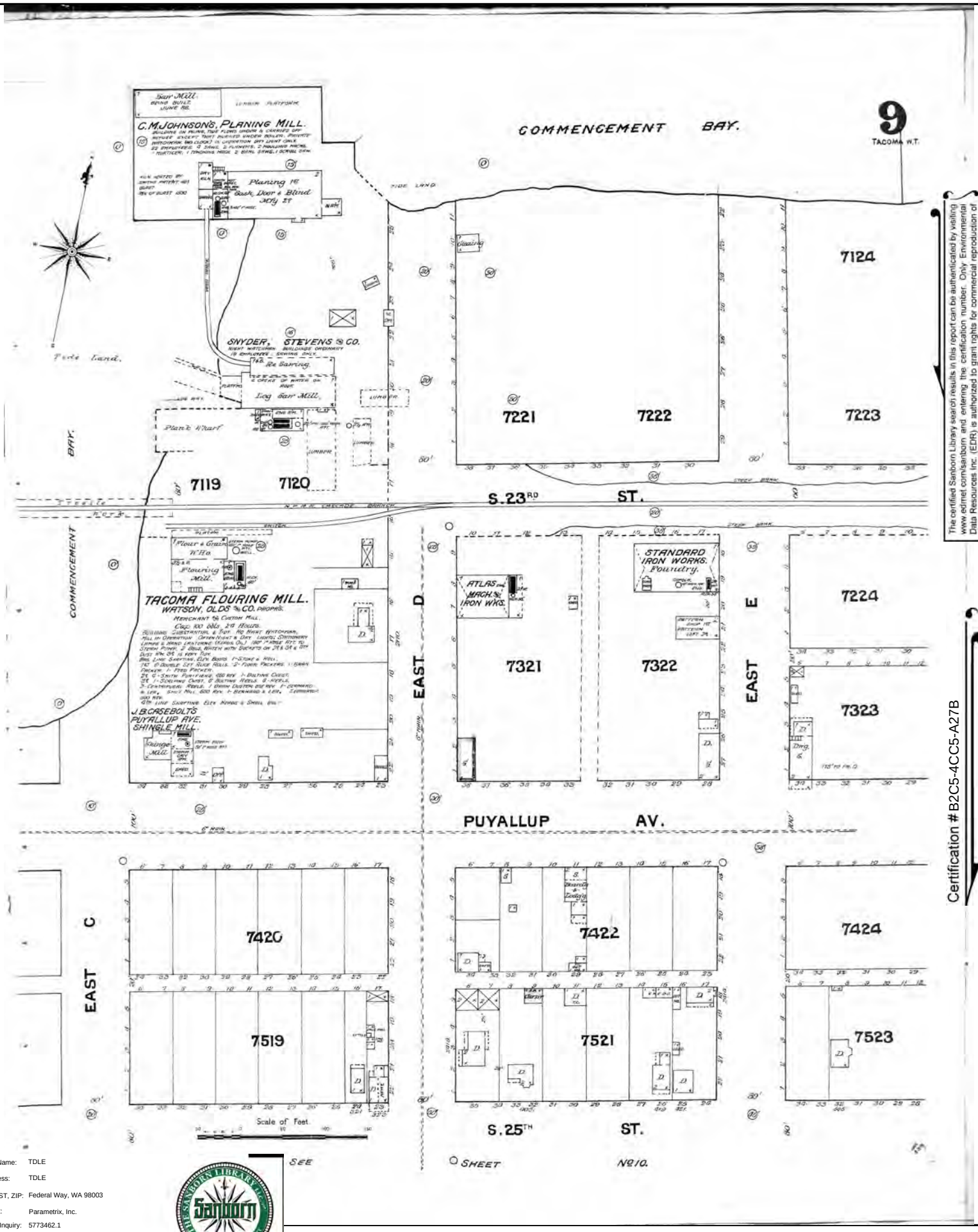

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

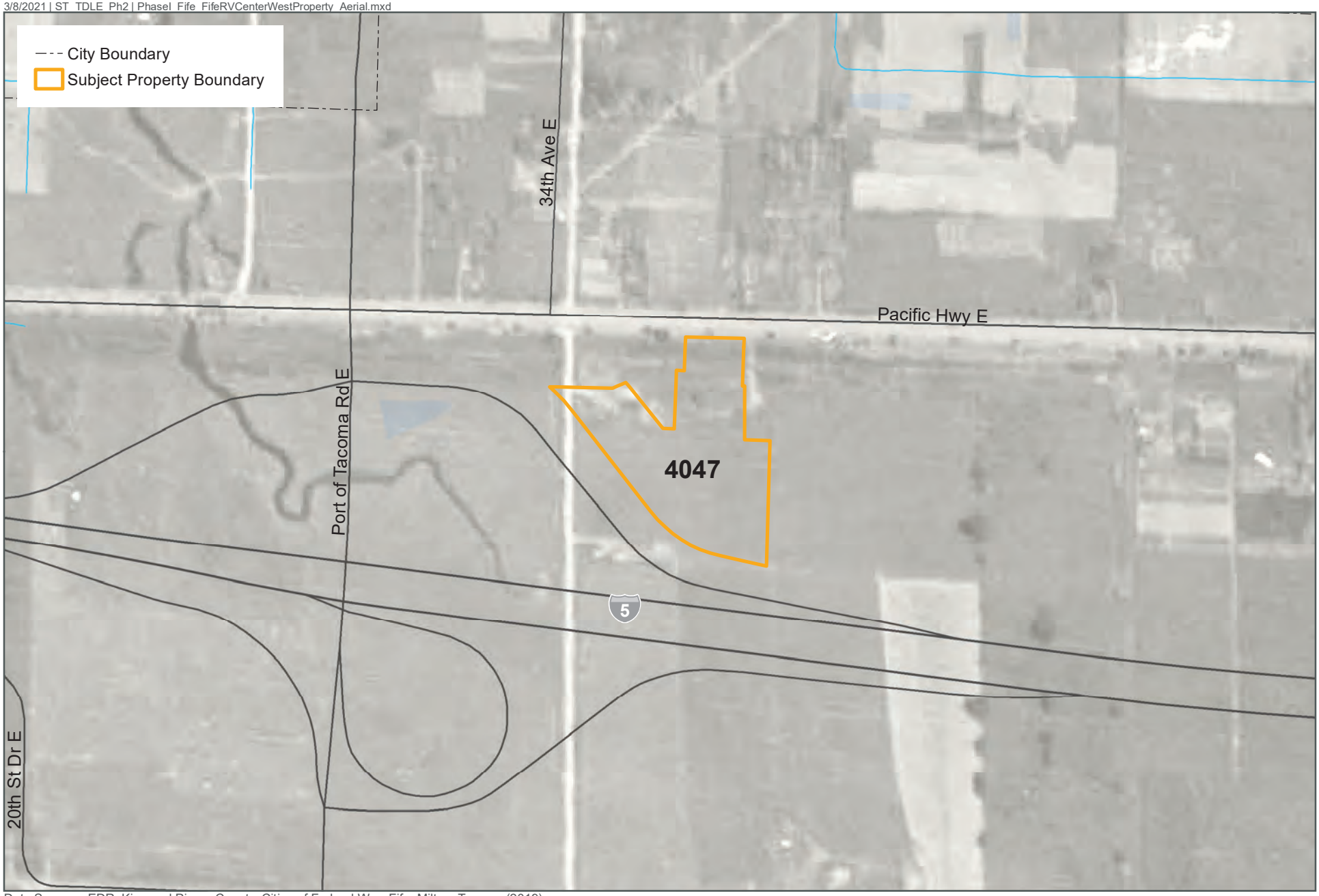

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-1
1941 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

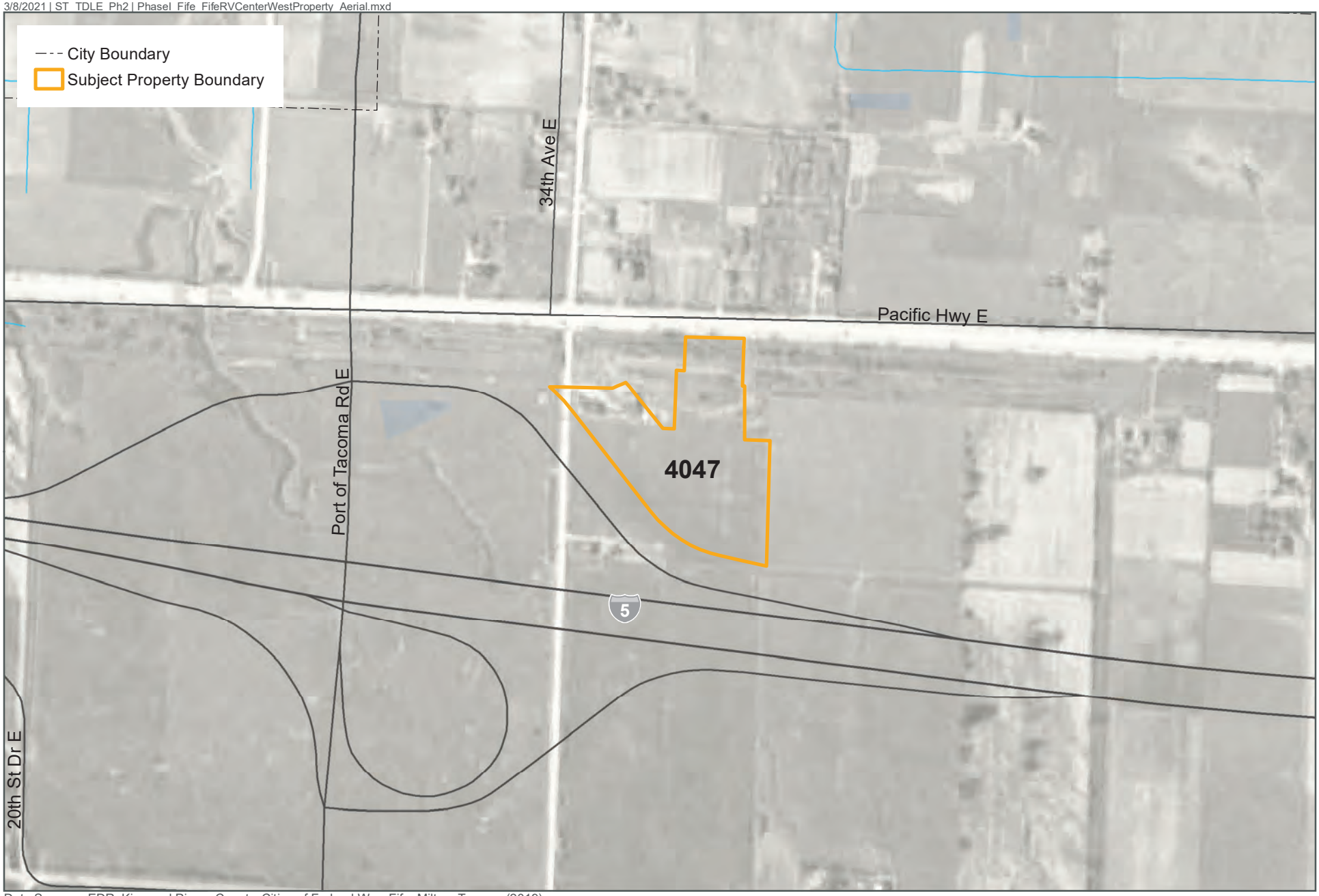

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-2
1943-1944 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-3
1957 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-4
1968 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-5
1972 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

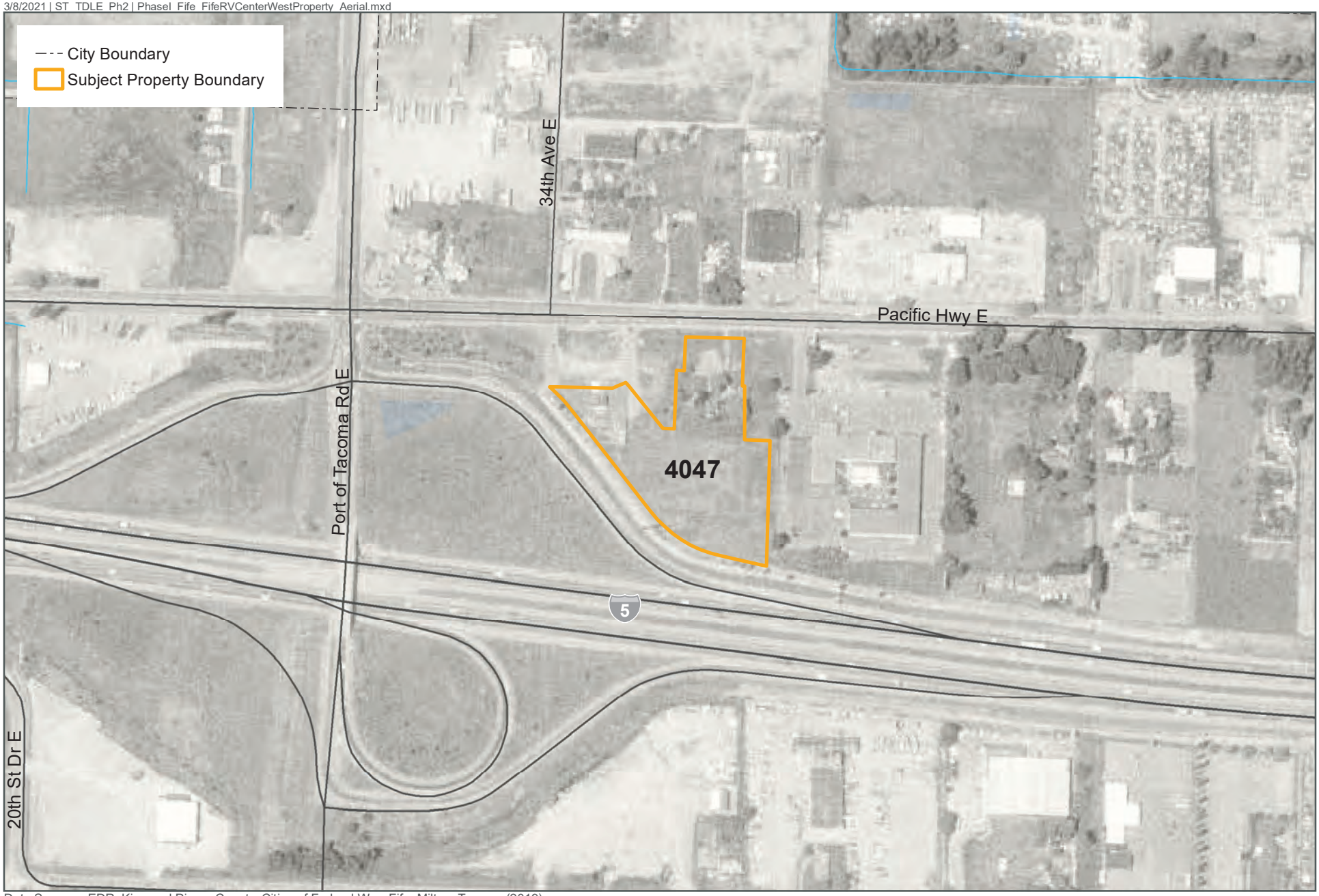

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-6
1980 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

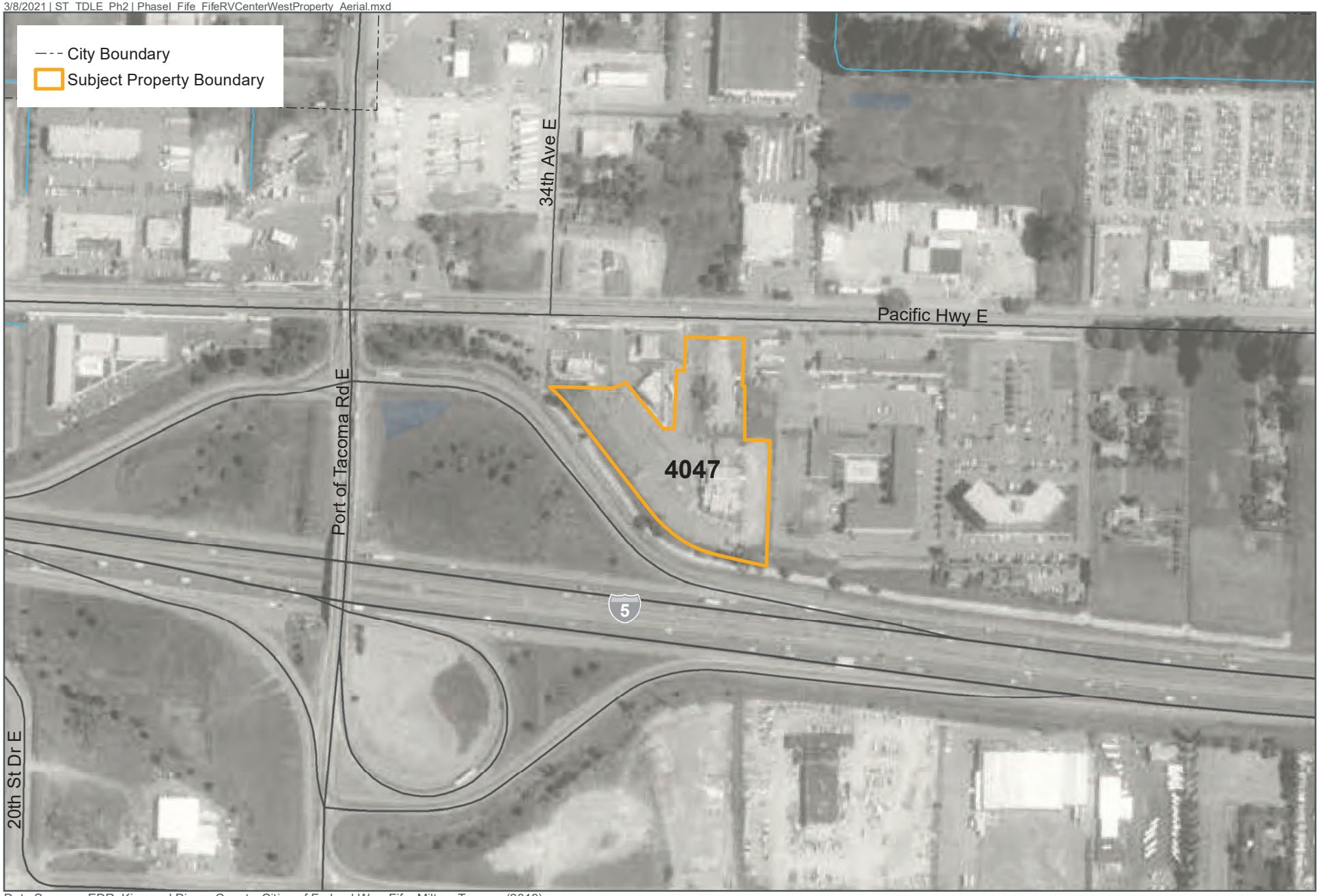

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-7
1990 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-8
2006 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-9
2009 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-10
2013 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Fife_FifeRVCenterWestProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-11
2017 Aerial Imagery
Fife RV Center (West Property)
3410 Pacific Highway E, Fife, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Appendix E

Site Photographs

Photo 1. Subject property TD 4047 looking south.

Photo 2. Subject property TD 4047 looking southeast with the neighboring WSDOT property to the right.

Photo 3. Subject Property, TD 4047, western gravel lot with above ground monitoring wells along border.

Photo 4. Neighboring property, looking southwest. Tahoma Express Gas station and Jack in the Box restaurant north of the subject property.

Photo 5. Adjacent property northeast, looking southeast.

Photo 6. Neighboring property east, looking southeast.

Appendix F

Supporting Documents

Pierce County Assessor-Treasurer
Property Summary

3410 PACIFIC HWY S

FIFE REAL PROPERTIES LLC
0320111067

Tax Description

Section 11 Township 20 Range 03 Quarter 11 L 2 OF BLA 2001-03-23-5010 DESC AS COM AT NW COR OF NE OF NE TH E ALG N LI THEREOF 192.93 FT TH S 87 DEG 39 MIN 27 SEC E 29.45 FT TH N 2 DEG 20 MIN 33 SEC E 114.52 FT TO N LI OF NE OF NE TH CONT N 2 DEG 20 MIN 33 SEC E 35.19 FT TH S 88 DEG 18 MIN 46 SEC E 20 FT TH N 2 DEG 20 MIN 33 SEC E 64.73 FT TH S 88 DEG 02 MIN 46 SEC E 150.02 FT TH S 2 DEG 20 MIN 33 SEC W 100 FT TO N LI OF SEC TH S 88 DEG 02 MIN 46 SEC E ALG SD LI 5.06 FT TO ELY OF OF W 15 ACS OF SD NE OF NE TH S ALG SD LI 137.55 FT TH E PAR/W N LI OF SEC 65 FT TH S 2 DEG 31 MIN 07 SEC W 317.58 FT TO NLY LI OF PSH #1 TH WLY & NLY ALG SD LI N 76 DEG 51 MIN 45 SEC W 117.35 FT TO BEG OF C TO R HAVING RAD OF 309.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 39 DEG 17 MIN 30 SEC 212.11 FT TH N 37 DEG 34 MIN 15 SEC W 325.20 FT TO C TO L HAVING RAD OF 418.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 11 DEG 18 MIN 28 SEC 82.56 FT TO W LI OF NE OF NE TH N ALG SD LI .44 FT TH E PAR TO N LI OF SEC 159.60 FT TH N 65 DEG 31 MIN 29 SEC E 36.77 FT TO POB TOG/W THAT POR ABUTT CYD BY CY OF FIFE PER ETN 4198513 DESC AS W 150.02 FT OF FOLL DESC PROP S 20 FT OF A STRIP OF LD 120 FT WIDE BEING 70 FT ON S & 50 FT ON N OF C/L OF PACIFIC HWY E EASE OF RECORD COMB FOR TAX PURPOSES ONLY COMB OF 1-063 & POR OF 0320024091 SEG 2009-0347 10/29/08 SK

Property Details

Parcel Number	0320111067
Site Address	3410 PACIFIC HWY S
Account Type	Real Property
Category	Land and Improvements
Use Code	5822-ENTERTAINMENT BARS

Taxpayer Details

Taxpayer Name	FIFE REAL PROPERTIES LLC
Mailing Address	PO BOX 12555 MILTON, WA 98354

Appraisal Details

Neighborhood	804 / 760
Value Area	PI4
Appr Acct Type	Commercial
Business Name	FREDDYS CASINO
Last Inspection	07/07/2020-New Construction
Appraisal Area	8

Related Parcels

Group Account Number	n/a
Located On	n/a
Associated Parcels	n/a

Assessed Value

Value Year	2020	**Assessed Total**	3,508,000
Tax Year	2021	**Assessed Land**	3,316,000
Taxable Value	3,508,000	**Assessed Improvements**	192,000
Tax Code Area	066	**Current Use Land**	0
Tax Code Area Rate	0	**Personal Property**	0
Notice of Value Mailing Date	06/25/2020		

Assessment Details

2020 Values for 2021 Tax

Taxable Value	$3,508,000
Assessed Value	$3,508,000

Tax Amounts Due

Tax Year	Minimum Due	Total Due
TOTAL	**0.00**	**0.00**

Property Tax Exemptions

No exemptions

Land Details

Land Economic Area	2084
RTSQQ	03-20-11-11
Value Area	PI4
Neighborhood	804 / 760
Square Footage	163,786
Acres	3.76
Front Foot	0
Electric	Power Installed
Sewer	Sewer/Septic Installed
Water	Water Installed

Building 1 Details

General Characteristics

Property Type	Commercial
Condition	Average
Quality	Average
Neighborhood	804
Occupancy	Auto Related
Square Feet	7,747
Net Square Feet	10,318
Attached Garage Square Feet	0
Detached Garage Square Feet	0
Carport Square Feet	0
Finished Attic Square Feet	0
Total Basement Square Feet	0
Finished Basement Square Feet	0
Basement Garage Door	0
Fireplaces	0

Built-As

DESCRIPTION	Office Building
YEAR BUILT	1987
ADJUSTED YEAR BUILT	1987
SQUARE FEET	7,747
STORIES	2
BEDROOMS	0
BATHROOMS	0
EXTERIOR	n/a
CLASS	Wood Frame
ROOF	n/a
HVAC	Warm and Cool Air Zone
UNITS	1
SPRINKLER SQUARE FEET	7,747

Improvement Details

Type	Description	Units
Add On	Asphalt (AV)	154,625
Add On	Canopies DrThru Marquee Steel FR (Av)	700
Add On	Canopies DrThru Marquee WD FR (Av)	960
Mezzanine	Office	2,571

Sales History

SALE DATE	06/05/2019
ETN	4500994
PARCEL COUNT	1
GRANTOR	HANA HOU WAILEA LLC
GRANTEE	FIFE REAL PROPERTIES LLC
SALE PRICE	3,600,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	Previously Negotiate Price

SALE DATE	09/09/2008
ETN	4198513C
PARCEL COUNT	1
GRANTOR	CITY OF FIFE
GRANTEE	HANA HOU WAILEA LLC
SALE PRICE	10,113
DEED TYPE	Quit Claim Deed
SALES NOTES	

Map

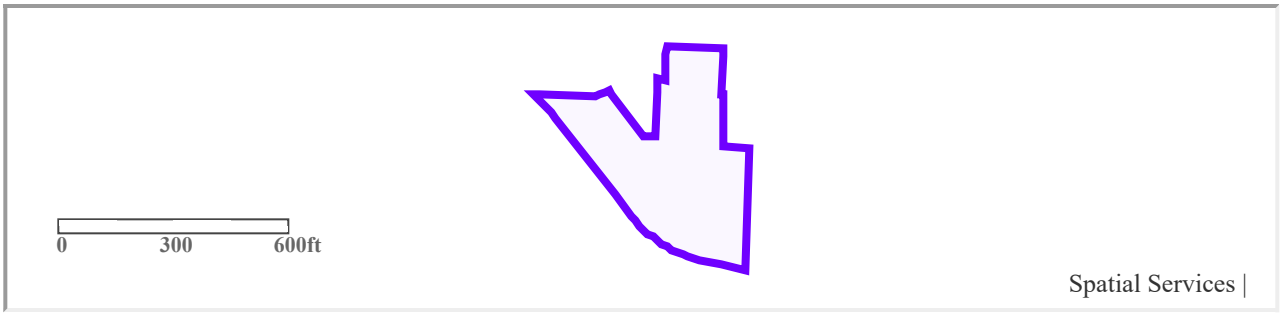

Photos

Sorry, no photo available for display

Sketches

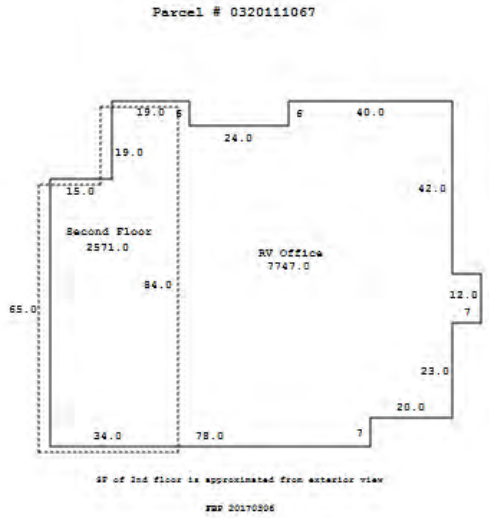

Sketch by Apex Medina™

2017_IMP_1_3-9-2017_Page 1 - Apex 0320111067 Imp No - 1.JPG

0320111067 3410 PACIFIC HWY S

Print

Address:
3410 PACIFIC HWY S
FIFE, WA 98424

Status: Active
Zone:
Sec/Twn/Rng: 112003
Quarter: 11
Neighborhood:
Subdivision:

Owner:
FIFE REAL PROPERTIES LLC
PO BOX 12555
MILTON, WA 98354

Applications:
Pending: 0
Issued: 1
Closed: 7

Legal Description:
Section 11 Township 20 Range 03 Quarter 11 L 2 OF BLA 2001-03-23-5010 DESC AS COM AT NW COR OF NE OF NE TH E ALG N LI THEREOF 192.93 FT TH S 87 DEG 39 MIN 27 SEC E 29.45 FT TH N 2 DEG 20 MIN 33SEC E 114.52 FT TO N LI OF NE OF NE TH CONT N 2 DEG 20 MIN 33 SEC E 35.19 FT TH S 88 DEG 18 MIN 46 SEC E 20 FT TH N 2 DEG 20 MIN 33 SEC E 64.73 FT TH S 88 DEG 02 MIN 46 SEC E 150.02 FT TH S 2 DEG 20MIN 33 SEC W 100 FT TO N LI OF SEC TH S 88 DEG 02 MIN 46 SEC E ALG SD LI 5.06 FT TO ELY OF OF W 15 ACS OF SD NE OF NE TH S ALG SD LI 137.55 FT TH E PAR/W N LI OF SEC 65 FT TH S 2 DEG 31 MIN 07 SEC W317.58 FT TO NLY LI OF PSH #1 TH WLY & NLY ALG SD LI N 76 DEG 51 MIN 45 SEC W 117.35 FT TO BEG OF C TO R HAVING RAD OF 309.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 39 DEG 17 MIN 30 SEC 212.11 FTTH N 37 DEG 34 MIN 15 SEC W 325.20 FT TO C TO L HAVING RAD OF 418.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 11 DEG 18 MIN 28 SEC 82.56 FT TO W LI OF NE OF NE TH N ALG SD LI .44 FT TH E PAR TO N LIOF SEC 159.60 FT TH N 65 DEG 31 MIN 29 SEC E 36.77 FT TO POB TOG/W THAT POR ABUTT CYD BY CY OF FIFE PER ETN 4198513 DESC AS W 150.02 FT OF FOLL DESC PROP S 20 FT OF A STRIP OF LD 120 FT WIDE BEING70 FT ON S & 50 FT ON N OF C/L OF PACIFIC HWY E EASE OF RECORD COMB FOR TAX PURPOSES ONLY COMB OF 1-063 & POR OF 0320024091 SEG 2009-0347 10/29/08 SK

Details Assessed Value Applications

Details

Parcel Square Footage: 163786
Parcel Acres:

Assessed Value

Year	Taxable Assessed Value	Class	Tax Code	Tax Status
2021	$3,508,000.00			
2020	$3,508,000.00			
2019	$3,443,300.00			
2018	$3,299,000.00			
2017	$2,914,300.00			
2016	$2,914,300.00			
2015	$2,775,500.00		066	T
2014	$2,775,500.00		066	T
2013	$3,083,900.00		066	T
2012	$3,263,600.00		066	T
2011	$5,341,000.00		066	T
2010	$5,341,000.00		066	T
2008	$0.00		065	T

Applications

GRA19-0013 (/PermittingPublic/PermitDetailPublic/Index/60b14c58-f527-404a-83f3-ab1b017a33a0)
Grading Permit
Re-Issued

Submitted: 12/6/2019
Issued: 3/3/2020
Closed:

Project Description

REMEDIAL EXCAVATION OF MAXIMUM 350 CUBIC YARDS OF PETROLEUM CONTAMINATED SOIL; EXISTING GRADE TO BE COMPACTED & MATCHED AT COMPLETION OF EXCAVATION PROJECT; AMENDED 2-18-20 TO ADD SLURRY WALL; AMENDMENT II 3-3-20

SGN15-0014 (/PermittingPublic/PermitDetailPublic/Index/45e21fcf-77cd-445e-9339-41aa3231e1b6)
Sign Permit - Combination
Permit has expired

Submitted: 3/4/2015
Issued: 3/31/2015
Closed:

Project Description

FIFE RV SIGNAGE - TWO FREESTANDING SIGNS AND THREE WALL SIGNS

BLD15-0034 (/PermittingPublic/PermitDetailPublic/Index/44dc670e-1c4c-4b7a-badf-c4c80a8beeac)
Alt Com Building Permit
Permit has expired

Submitted: 3/4/2015
Issued: 3/31/2015
Closed:

Project Description

INSTALL FIFE RV SIGNAGE

BLD14-0152 (/PermittingPublic/PermitDetailPublic/Index/394f7608-0243-459d-a6d5-dc2560a2aa38)
Alt Com Building Permit
Closed

Submitted: 12/5/2014
Issued: 1/21/2015
Closed: 7/28/2015

Project Description

TENANT IMPROVEMENT TO CONVERT CASINO INTO SALES OFFICE

PLT14-0001 (/PermittingPublic/PermitDetailPublic/Index/480036b7-5205-4a88-affb-36ed42950ca7)
Short Plat
Permit application has been withdrawn by applicant

Submitted: 5/1/2014
Issued:
Closed: 8/29/2014

Project Description

TWO (2) LOT SHORT PLAT

MIS12-0004 (/PermittingPublic/PermitDetailPublic/Index/14bf38d6-5d01-4f50-ac81-0ddfdbd5f163)
Miscellaneous
Closed

Submitted: 6/1/2012
Issued: 6/5/2012
Closed: 7/10/2012

Project Description

TEMPORARY FIREWORKS STAND FROM NOON JUNE 28TH THRU NOON JULY 6TH, 2012

EVN11-0035 (/PermittingPublic/PermitDetailPublic/Index/3f585c52-b47c-4e18-bad1-3b9b7a757961)
Special Event Permit
Closed

Submitted: 7/20/2011
Issued: 7/22/2011
Closed: 7/25/2011

Project Description

PARKING LOT BBQ ON JULY 23, 2011 FROM 12PM - 9PM

EVN11-0036 (/PermittingPublic/PermitDetailPublic/Index/66d0def9-5dbb-4d64-b10a-16566cdeca02)
Special Event Permit
Closed

Submitted: 7/20/2011
Issued: 8/12/2011
Closed: 8/15/2011

Project Description

PARKING LOT BBQ ON AUGUST 13, 2011 FROM 12PM - 2AM

BLD10-0131 (/PermittingPublic/PermitDetailPublic/Index/d1ab0027-b9d5-4487-b7d5-ae86159acace)
Alt Com Building Permit
Closed

Submitted: 11/12/2010
Issued: 11/18/2010
Closed: 12/13/2010

Project Description

TENT FOR EVENT

EVN10-0045 (/PermittingPublic/PermitDetailPublic/Index/829d59ab-447d-494d-9ffd-754b6556c063)
Special Event Permit
Closed

Submitted: 11/5/2010
Issued: 11/18/2010
Closed: 12/13/2010

Project Description

MIXED MARTIAL ARTS EVENT ON DECEMBER 11, 2010 FROM 3 - 7 PM

SGN05-0041 (/PermittingPublic/PermitDetailPublic/Index/a8592e5b-098e-40de-a1a5-f3ea9533c879)
Sign Permit - Temporary
Closed

Submitted: 7/25/2005
Issued: 7/25/2005
Closed: 7/25/2005

Project Description

ONE 3X10 BANNER ON HWY 99 FOR NEW ESPRESSO CAFE STAND

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Richards Studio D137300-93

...

Item Description

Title
Richards Studio D137300-93

Description
ca. 1963. Aerial photograph taken in 1963 of the Seattle-Tacoma Freeway going past Fife area. Circular portion is Port of Tacoma interchange. Old Hwy 99 is roadway on the left side of photograph. Fife Drive-In theater on Goldau Rd. is upper center, left of freeway. 20th St. E. is roadway on right side of freeway. TPL-9881

Subjects
Aerial photographs; Express highways;

Image Date
1963

Decade
1960s (/digital/collection/p17061coll21/search/searchterm/1960s/field/decade/mode/exact/conn/and)

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If you have information about this image, contact the Northwest Room staff at nwr@tacomalibrary.org. Please remember to reference the image number. Thank you!

Image type
Jpeg Image (/digital/collection/p17061coll21/search/searchterm/Jpeg%20Image/field/image/mode/exact/conn/and)

Print type
8x10"

Local identifer
77\29480.jpg

Collection
Richards Studio (/digital/collection/p17061coll21/search/searchterm/Richards%20Studio/field/source/mode/exact/conn/and)

Series
Richards Studio D137300
(/digital/collection/p17061coll21/search/searchterm/Richards%20Studio%20D137300/field/series/mode/exact/conn/and)

More Information
About the Image Archive

Image Filename
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3410 PACIFIC HWY E, FIFE

...

3410 PACIFIC HWY E, FIFE

Object Description

Address
3410 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3410%20PACIFIC%20HWY%20E%2C%20FIFE/field/title/mode/exact/conn/and)

Other information
Click on the address above to see if there are other images related to this address

Description
Built circa 1987
La Casa Real Mexican Restaurant
T.Reporter 2/3/2000 p.20k Oasis or
mirage? (il)
Surburban Directory (1988-1998)

VIP's Restaurant
Suburban Directory (1999)

Freddie's Club
-opened Nov. 2000
-minicasino and card room
TNT 11/17/2000 p.A1 Freddie's gets
license, but lawsuit threatened; Puyallup
Tribe says another casino within
reservation violates pact
T.Weekly 11/24/2000 p.3 Freddie's Club
opens in Fife (remodeling for casino by
Skip Downing, arch.) (il)
TNT 9/20/2002 p.TGIF8 Freddie's serves
up Nevada service, large portions, quiet
atmosphere
TNT 6/19/2012 p.A1 Freddie's Club closed;
100-plus out of jobs

Built
1987

Decade built
1980s

City
FIFE (/digital/collection/p17061coll1/search/searchterm/FIFE/field/city/mode/exact/conn/and)

Block
3400 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3400%20PACIFIC%20HWY%20E%2C%20FIFE/field/block/mode/exact/conn/and
)

Subject
3410 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3410%20PACIFIC%20HWY%20E%2C%20FIFE/field/subjec/mode/exact/conn/an
d)

Newspaper abbreviations
GTWY - Peninsula Gateway, TDL - Tacoma Daily Ledger, TDN - Tacoma Daily News, TNL - Tacoma News Ledger, TNT - Tacoma News Tribune

Item Description

Address

3410 PACIFIC HWY E, FIFE
(/digital/collection/p17061coll1/search/searchterm/3410%20PACIFIC%20HWY%20E%2C%20FIFE/field/title/mode/exact/conn/and)

Source

No images currently available.

Newspaper abbreviations

GTWY - Peninsula Gateway, TDL - Tacoma Daily Ledger, TDN - Tacoma Daily News, TNL - Tacoma News Ledger, TNT - Tacoma News Tribune

Electronic Copy

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • 360-407-6300
Call 711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

February 21, 2019

Chris LaVerdiere
Fife RV Center
3410 Pacific Highway East
Fife, WA 98404

Re: Further Action at the following Site:

- **Site Name:** Fife RV Center
- **Site Address:** 3410 Pacific Highway East, Fife, Pierce County, WA 98424
- **Facility/Site No.:** 7907
- **Cleanup Site No.**: 13173
- **VCP Project No.:** SW1565

Dear Mr. LaVerdiere:

On November 29, 2018, Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of the Fife RV Center facility (Site). On December 28, 2018, Ecology received all necessary hard copy and electronic reports, and accepted uploaded electronic site data to Ecology's EIM database, completing this request for opinion.

Ecology appreciates Aerotech's responsiveness to our request. This letter provides our opinion. We are providing this opinion under the authority of the Model Toxics Control Act (MTCA), chapter 70.105D Revised Code of Washington (RCW).[1]

Issue Presented and Opinion

For this opinion, Ecology received a remedial investigation report, supported by seven groundwater monitoring reports and two groundwater monitoring well installation reports. Additional reports are included in the existing Site record. You requested that Ecology provide an opinion regarding the investigations completed to characterize the release.

[1] https://app.leg.wa.gov/RCW/default.aspx?cite=70.105D

This opinion is based on an analysis of whether the remedial action meets the substantive requirements of MTCA, chapter 70.105D RCW, and its implementing regulations, Washington Administrative Code (WAC) chapter 173-340[2] (collectively "substantive requirements of MTCA"). Ecology has determined that further remedial action is necessary to clean up contamination at the Site.

Ecology's Comments:

1. Ecology concurs that petroleum related compounds released to the environment are likely present to the north of the Property. Ecology concurs that additional remedial investigation of soil, soil vapor, and groundwater is needed at this MTCA Site, including to the north of Site borings B6, B7, and B9 (July 3, 2018) and monitoring well MW-10, on Pierce County Tax Parcel 0320024104.

2. Ecology also concurs that additional investigation is necessary to define the Site toward the WSDOT right of way associated with the Interstate 5 Off-Ramp.

3. Additional remedial investigation may also be determined necessary on Pierce County Tax Parcel 0320024105, or at other areas of the Site.

4. For the remedial investigation, Ecology will need delineated plan view and geologic cross sections with concentration isopleths showing the extents of the MTCA Site in impacted media, without regard to cleanup levels or property boundaries.

5. Ensure that an evaluation of the protection of air quality is also conducted for the remedial investigation.[3]

6. Ecology also refers you to comments in our May 31, 2017, opinion for the Site for additional technical assistance. Ecology will refer to that opinion when evaluating the Site's completed remedial investigation and cleanup.

Ecology's Analysis is provided below.

[2] https://apps.leg.wa.gov/WAC/default.aspx?cite=173-340
[3] WAC 173-340-750.

Description of the Site

This opinion applies only to the Site described below. The Site is defined by the nature and extent of contamination associated with the following release:

- Total Petroleum Hydrocarbons and related constituents into the Soil and Groundwater.

Please note the parcel of real property associated with this Site is also located within the projected boundaries of the Asarco Tacoma Smelter facility (# 89267963). At this time, we have no information that the parcel is actually affected. This opinion does not apply to any contamination associated with the Asarco Tacoma Smelter facility.

Basis for the Opinion

This opinion is based on the information contained in the following documents:

1. Associated Earth Sciences, Inc. (AESI), *Supplemental Phase II*, January 24, 2014.
2. Aerotech Environmental Consulting, Inc. (Aerotech), *Site Remedial Excavation Report*, November 1, 2016.
3. Aerotech, *Groundwater Monitoring Report: First Quarterly Sampling – November 2016*, November 16, 2016.
4. Aerotech, *Groundwater Monitoring Well Installation Report*, November 17, 2016.
5. Aerotech, *Terrestrial Ecological Evaluation (Ecology Form)*, January 6, 2017.
6. Pierce County, Washington, Initial Investigation, Environmental Report Tracking System Number 667578, February 22, 2017.
7. Aerotech, *Groundwater Monitoring Report: 2nd Quarter – February 2017*, February 20, 2017.
8. Aerotech, *Groundwater Monitoring Report: 3rd Quarter – May 2017*, May 23, 2017.
9. Aerotech, *Groundwater Monitoring Report: 4th Quarter – August 2017*, August 15, 2017.
10. Aerotech, *Groundwater Monitoring Well Installation Report*, August 16, 2017.
11. Aerotech, *Groundwater Monitoring Report: 5th Quarter – November 2017*, November 30, 2017.
12. Aerotech, *Groundwater Monitoring Report: 6th Quarter*, April 17, 2018.

13. Aerotech, *Downgradient Groundwater Monitoring Well Installation Report*, April 27, 2018.

14. Aerotech, *Groundwater Monitoring Report: 7th Quarterly Sampling*, July 2, 2018.

15. Aerotech, *Remedial Investigation*, November 9, 2018.

Those documents are kept in the Central Files of the Southwest Regional Office of Ecology (SWRO) for review by appointment only. Information on obtaining those records can be found on Ecology's public records requests web page.[4] Some site documents may be available on Ecology's Cleanup Site Search web page.[5] This opinion is void if any of the information contained in those documents is materially false or misleading.

Analysis of the Cleanup

Ecology has concluded that **further remedial action** is necessary to clean up contamination at the Site. That conclusion is based on the following analysis:

1. Characterization of the Site.

The Site is at the location of a former gasoline station reported to have operated from the 1960s to 1980s. The Site, as currently known to Ecology, includes a portion of Pierce County Tax Parcel 0320111067 (the Property), and adjacent parcels and rights of way impacted by the release of hazardous substances. Contaminant concentrations reported along the parcel boundary with Pierce County Tax Parcel 0320024104 are sufficient to conclude that uninvestigated contamination is likely present at parcel 0320024104, to the north of borings advanced near the Property boundary with that parcel.

Historical Site Characterization is provided in Ecology's May 31, 2017, opinion for the Site. Since that opinion, Aerotech has monitored groundwater a total of seven times for monitoring wells MW1 through MW6. Aerotech also completed/advanced soil borings, and installed and monitored wells MW7 through MW9 starting in July 2017, and MW10 through MW12 starting in February, 2018.

In July 2018, additional soil borings were also advanced and soil and groundwater samples obtained and analyzed. Surface water samples were obtained in February 2018. Ecology has determined your characterization of the Site is not sufficient to establish cleanup standards and select a cleanup action.

[4] https://ecology.wa.gov/About-us/Accountability-transparency/Public-records-requests
[5] https://fortress.wa.gov/ecy/gsp/SiteSearchPage.aspx

2. Establishment of cleanup standards.

At this independent cleanup conducted under WAC 173-340-515, Ecology may concur with cleanup standards you propose. Cleanup standards consist of (A) points of compliance, (B) cleanup levels, and (C) other regulatory requirements that apply to the Site because of the type of action and/or location of the Site.[6]

A. <u>Points of Compliance</u>: Ecology would likely concur with the appropriate use of the following points of compliance that you need to propose for the Site:

Media	Points of Compliance
Soil-Direct Contact	Based on human exposure via direct contact, the standard point of compliance is throughout the Site from ground surface to fifteen feet below the ground surface.[7]
Soil- Protection of Groundwater	Based on the protection of groundwater, the standard point of compliance is throughout the Site.[8]
Soil-Protection of Plants, Animals, and Soil Biota	Based on ecological protection, the standard point of compliance is throughout the Site from ground surface to fifteen feet below the ground surface.[9]
Groundwater	Based on the protection of groundwater quality, the standard point of compliance is throughout the site from the uppermost level of the saturated zone extending vertically to the lowest most depth which could potentially be affected by the site.[10]
Groundwater-Surface Water Protection	Based on the protection of surface water, the standard point of compliance is all locations where hazardous substances are released to surface water.[11]
Air Quality	Based on the protection of air quality, the point of compliance is indoor and ambient air throughout the Site.[12]
Sediment	Based on the protection of sediment quality, compliance with the requirements of 173-204 WAC.[13]

B. <u>Cleanup Levels:</u> MTCA Method A cleanup screening levels, and sub-slab soil and groundwater cleanup screening levels have been used for the Site's remedial investigation. For each media and point of compliance above that you determine applicable to the Site, please provide appropriate cleanup levels for each hazardous substance detected in the remedial investigation. Apply the proposed cleanup levels at the appropriate points of compliance to determine what needs to be cleaned up.

---

[6] WAC 173-340-700(3)(c)
[7] WAC 173-340-740 (6)(d)
[8] WAC 173-340-747
[9] WAC 173-340-7490(4)(b)
[10] WAC 173-340-720(8)(b)
[11] WAC 173-340-730(6)
[12] WAC 173-340-750(6)
[13] WAC 173-340-760

C. **Applicable Laws and Regulations:** For the remedial investigation, please identify all applicable state and federal laws for the cleanup action.[14] This requirement may impact cleanup standards applicable to the Site.

3. **Selection of cleanup action.**

Additional remedial investigation is needed at the Site before selecting a cleanup action.

Limitations of the Opinion

1. **Opinion does not settle liability with the state.**

Liable persons are strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release or releases of hazardous substances at the Site. This opinion **does not**:

- Resolve or alter a person's liability to the state.
- Protect liable persons from contribution claims by third parties.

To settle liability with the state and obtain protection from contribution claims, a person must enter into a consent decree with Ecology under RCW 70.105D.040(4).

2. **Opinion does not constitute a determination of substantial equivalence.**

To recover remedial action costs from other liable persons under MTCA, one must demonstrate that the action is the substantial equivalent of an Ecology-conducted or Ecology-supervised action. This opinion does not determine whether the action you performed is substantially equivalent. Courts make that determination.
See RCW 70.105D.080 and WAC 173-340-545.

3. **State is immune from liability.**

The state, Ecology, and its officers and employees are immune from all liability, and no cause of action of any nature may arise from any act or omission in providing this opinion.
See RCW 70.105D.030(1)(i).

[14] WAC 173-340-710(2)

Contact Information

Thank you for choosing to clean up the Site under the Voluntary Cleanup Program (VCP). After you have addressed our concerns, you may request another review of your cleanup. Please do not hesitate to request additional services as your cleanup progresses. We look forward to working with you.

For more information about the VCP and the cleanup process, please visit our Voluntary Cleanup Program web site.[15] If you have any questions about this opinion, please contact me by phone at (360) 407-6528 or at adam.harris@ecy.wa.gov.

Sincerely,

Adam Harris, LHG
Southwest Regional Office
Toxics Cleanup Program

AH: tm

By certified mail: 9489 0090 0027 6066 5562 97

cc: Alan Blotch, Aerotech
Rob Olsen, TPCHD
Nicholas Acklam, Ecology
Ecology Site File

[15] https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-process/Cleanup-options/Voluntary-cleanup-program

March 7, 2019

Dear s l:

The following is in response to your request for proof of delivery on your item with the tracking number: **9489 0090 0027 6066 5562 97**.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	February 25, 2019, 2:59 pm
Location:	TACOMA, WA 98424
Extra Services:	Certified Mail™
	Return Receipt Electronic
Recipient Name:	CHRIS LA

Shipment Details

Weight:	0.9oz

Recipient Signature

Signature of Recipient:	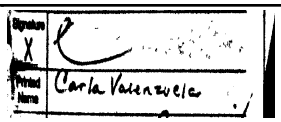
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AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite No.210
Seattle, Washington 98168
(360)710-5899

2916 NW Bucklin Hill Road, Suite No.126
Silverdale, Washington 98383
(866) 800-4030

512 W. International Airport Road, Suite
No.201Anchorage, Alaska 99518

5319 SW Westgate Dr., Suite No.24
Portland, Oregon 97221

November 16, 2018

Adam Harris
Washington State Department of Ecology
Southwest Regional Office Toxics Cleanup Program
PO Box 47775
Olympia, Washington 98504-7775

SUBJECT **Remedial Investigation Report**
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

VCP Coordinator,

At the request of Chris LaVerdiere, Aerotech Environmental Consulting, Inc. ("Aerotech") has prepared the enclosed *Remedial Investigation* which summarizes environmental investigation activities to date. As described in the enclosed report, Aerotech plans to use this report to facilitate access with adjacent parcels and requests an opinion from the Washington State Department of Ecology regarding the investigations completed to characterize the historical release according to the substantive requirements of the MTCA.

Aerotech and Mr. Chris LaVerdiere, appreciate your assistance in the matter. Please do not hesitate to contact me or Nick Gerkin at 206-257-4211 with any questions regarding the Site.

Sincerely,

Justin Foslien
Licensed Geologist WA #2504
Email: justin@dirtydirt.us

ENCLOSURE
Aerotech 's *Remedial Investigation*, dated November 9, 2018

REMEDIAL INVESTIGATION

Performed at:
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

AEROTECH
Environmental Consulting Inc.

November 9, 2018

Anchorage Seattle Portland

Cost-effective environmental solutions
for the western United States and Alaska

www.AerotechEnvironmental.com

REMEDIAL INVESTIGATION

Performed at:
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

November 9, 2018

Performed by:

AEROTECH Environmental Consulting Inc.
13925 Interurban Avenue South, Suite No. 210
Seattle, Washington 98168
Fax (206) 402-3872
(866) 800-4030
www.AeroTechEnvironmental.com

Remedial Investigation Report

Report Version: Revision 1

Site Name:	Fife RV Center
Site Address:	3410 Pacific Highway East Fife, Washington 98404
Alternate Location Info:	Pierce County, Washington Parcel Number: 0320111067

Ecology Facility Site ID No.:	7907
Cleanup Site No.:	13173
Voluntary Cleanup Program Project No.:	SW1565

Prepared By:
Justin Foslien
Aerotech Environmental Technology Inc.
13925 Interurban Ave South Suite 210
Seattle, Washington 98168

Prepared For:
Chris LaVerdiere
3410 Pacific Highway East
Fife, Washington 98404

Signature:

Date: 11/16/18

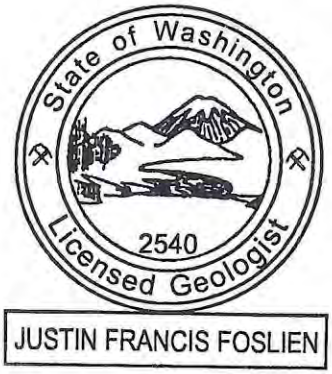

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ACRONYMS AND ABBREVIATIONS

AMSL	Above Mean Sea Level
Aerotech	Aerotech Environmental Consulting, Inc
AESI	Associated Earth Sciences, Inc
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
bgs	below ground surface
cPAHs	Carcinogenic Polycyclic Aromatic Hydrocarbons
COC	Contaminant/Chemical of Concern
CSCSL	Confirmed and Suspected Contaminated Sites List
CSID	Cleanup Site Identification number
CSM	Conceptual Site Model
CUL	Clean-up Levels
DOT	Department of Transportation
Ecology	Washington State Department of Ecology
FSID	Facility Site Identification Number
HVOCs	Halogenated Volatile Organic Compounds
Langseth	Langseth Environmental Services, Inc
MTCA	Model Toxics Control Act
PID	Photoionization Detector
PCBs	Polychlorinated Biphenyls
PVC	Polyvinyl Chloride
RI	Remedial Investigation
TEE	Terrestrial Ecological Evaluation
TPH	Total Petroleum Hydrocarbon
TPHg	Total Petroleum Hydrocarbon – Gasoline Range
TPHd	Total Petroleum Hydrocarbon – Diesel Range
TPHo	Total Petroleum Hydrocarbon – Heavy Oil Range
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
WAC	Washington State Administrative Code

EXECUTIVE SUMMARY

The subject Property consists of one irregularly-shaped 3.76-acre Parcel of commercial land located on the south side of Pacific Highway East in Fife, Washington. One approximately 10,763 square foot, 2-story structure, occupied by *Fife RV Center,* is situated near the southeastern corner of the Property. Asphalt parking areas surround the structure on all sides and are utilized to display RVs. A 0.77-acre gravel parking lot utilized to store RVs, and the subject of this investigation, is situated on the west side of the Property.

Adjoining to the south is a drainage ditch that appear to discharge to the east, followed by Interstate 5. The neighboring Parcel to the east includes approximately 5.24 acres, currently leased by the Fife RV Center for use as additional storage. The Puyallup River approaches the Site within 3,000 feet to the southwest, and the Blair Waterway and Commencement Bay are located over 4,000 feet to the north.

Formerly included within the same Parcel, and now adjoining to the north, is a Tahoma Express Gas Station and a Jack in the Box restaurant followed by Pacific Highway East and an *Econolodge.* The Tahoma Express Gas Station was listed on Ecology's Site Cleanup List as Site No. 5015. Petroleum hydrocarbons were documented at the Tahoma site prior to remediation, at concentrations above the State Cleanup Levels in soil and groundwater. Ecology issued a No Further Action determination for that site in 1993.

From the mid 1960's to the late l980's a *Gasamet Gasoline Station* occupied the western portion of the western gravel paved lot on the Subject Property and the southern portion of the Jack in the Box Property. Fuel dispenser islands were located south and east of the eastern terminus of the current restaurant drive-thru, with Underground Storage Tank Basins situated both to the east and west, and a building farther south. A triangular-shaped wooded water retention area (Bio-Swale) is located at the west side of the Site. In 2014, *Associated Earth Sciences,* Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Petroleum hydrocarbons were detected at concentrations above the Model Toxic Control Act ("MTCA") Method A Clean-up Levels (CULs) in soil and groundwater samples in the vicinity of the former *Gasamet* pump islands and UST Basins. Based on these results, Mr. Chris LaVerdiere, requested *Langseth Environmental* ("Langseth") *and Aerotech Environmental Consulting, Inc.* ("Aerotech") initiate site remedial excavation and environmental consulting services to address petroleum impacted soils.

In 2014, *Associated Earth Sciences,* Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Petroleum hydrocarbons were detected at concentrations above the MTCA Method A CULs in soil and groundwater samples in the vicinity of the former *Gasamet* pump islands and UST Basins. Based on these results, Mr. Chris LaVerdiere, requested *Langseth Environmental* ("Langseth") *and Aerotech Environmental Consulting, Inc.* ("Aerotech") initiate site remedial excavation and environmental consulting services to address petroleum impacted soils.

1,685.24 tons of petroleum impacted soil were removed in late 2016. The first six groundwater monitoring wells were installed immediately thereafter, followed by monitoring wells (MW7, MW8, and MW9) in July of 2017.

Soil and Groundwater:

Analytical data collected during the July 2018 site assessment indicate that groundwater and soil contain concentrations above MTCA Method A CULs exist along the northern Fife RV Center property shared with Jack in the Box. Soil borings B6-B9 advanced along the fenced property line indicated the extent of soil and groundwater impacted by petroleum related hydrocarbons extends into the Jack in the Box parcel immediately to the north.

A soil sample collected from soil boring B3 at the southwestern property boundary also contained concentrations of TPHg and benzene above MTCA Method A CULs. Groundwater samples collected from monitoring well MW12 have also contained concentrations of benzene above MTCA Method A CULs. Additional investigation in necessary to define the Site toward the WSDOT right of way associated with the Interstate 5 Off-Ramp.

1. INTRODUCTION

The purpose of this Remedial Investigation ("RI") is to characterize the nature and extent of contamination at the Site. Aerotech Environmental Technology, Inc ("Aerotech") was retained by Mr. Chris LaVerdiere of Fife RV Center to summarize the work completed at the Site and obtain an opinion from the VCP regarding the substantive requirements of the MTCA.

Under MTCA, 173-340-200 Washington Administrative Code ("WAC") the Site is defined by the nature and extent of contamination associated with one or more releases of hazardous substances prior to any cleanup of the contamination. Aerotech has completed several investigations to define the Site based on previous release of petroleum hydrocarbons; however, the data indicates petroleum related compounds exist beyond the parcel boundaries. Furthermore, it appears more than one source may be contributing to the existing plume with soil and groundwater from an adjacent property parcel, as historically the parcel was subdivided from a larger parcel when the release occurred. It is Aerotech's intent to utilize the information summarized in this report to facilitate access on adjacent properties to ultimately define the nature and extent of the Site.

1.1. GENERAL SITE INFORMATION

Site Name:	Fife RV Center
Site Address:	3410 Pacific Highway East Fife, Washington 98424
Facility Site Identification number (FSID):	35644949
Cleanup Site Identification number (CSID):	8853
Voluntary Cleanup Program (VCP):	SW1565
Project Consultant:	Aerotech Environmental Consulting, Inc.
Project Consultant Contact Information:	Nick Gerkin 13925 Interurban Avenue South, Suite No. 210 Seattle, Washington 98168 (206) 482-2287 nick@dirtydirt.us
Property Owner:	Chris LaVerdiere 3410 Pacific Highway East Fife, Washington 98424 (253) 284-6608 chrisl@fifervcenter.com

1.2. SITE LOCATION/DEFINITION

The subject Property (3410 Pacific Highway East; Parcel # 0320111067) is comprised of one irregularly-shaped 3.76-acre Parcel, located on the south side of Pacific Highway East in Fife, Washington (Figures 1 & 2). One building, occupied by Fife RV Center, is situated on the southeastern comer of the Property. It is an approximately 10,763 square foot, 2-story structure with the main entrance to the north. An approximately 1,000 square foot, one-story structure is situated northeast of the main building along the eastern property boundary. Asphalt parking areas surround the structure on

all sides and are utilized for the storage and showing of the RV inventory. On the west side of the parcel lies an approximately 0.77-acre vacant gravel parking lot, used to store recreational vehicle ("RV") inventory.

The Property is situated between Blair Waterway (leading to Commencement Bay), which is approximately 4,000 feet to the north and the Puyallup River, which is located 3,000 feet to the southwest and flows to the northwest into Commencement Bay.

The MTCA site (Site) is defined by the extent of release to soil as petroleum related hydrocarbons associated with the former *Gasamet Gasoline Station* previously located on the *Fife RV Center* and *Jack in the Box* parcels. The entire extent of the MTCA Site Boundary is unknown currently. The boundary at least extends to the parcel boundary on the west along the I-5 off ramp and to the north, where based on existing soil data extends north into the parcel currently occupied by *Jack in the Box*.

1.2.1. SURROUNDING AREA DESCRIPTION:

Surrounding areas include a drainage area to the south with Interstate 5 adjoining beyond (Figure 3). The neighboring Parcel to the east (3520 Pacific Highway East; Parcel # 0320111049) includes approximately 5.24 acres which is leased by *Fife RV Center* for use as additional storage. Formerly included with this Parcel before being subdivided in 2004, situated along Pacific Highway East to the north, is a Travelodge (3518 Pacific Highway East; Parcel # 0320024106). This Parcel is listed on Washington State Department of Ecology ("Ecology") Voluntary Cleanup Program List as Site No. SW0601 and is known as *Homotel*. It has been confirmed to contain petroleum products and metals at concentrations above the State Cleanup Levels in soil and in groundwater.

Pacific Highway East, followed by an *Econolodge*, are adjoining the subject Property to the north (Figure 3). Formerly included within the same Parcel as the subject Property is a *Tahoma Express Gas Station* (3408 Pacific Highway East; Parcel # 0320024105) and a *Jack in the Box* (3402 Pacific Highway East; Parcel # 0320024104) adjoin to the west (north of excavation area) followed by the Port of Tacoma Road. The *Tahoma Express Gas Station* was listed on Ecology's Site Cleanup List as Site No. 5015. The Ecology Database lists the site as formerly having petroleum hydrocarbons at concentrations above the State Cleanup Levels in soil and groundwater. The site received a No Further Action determination from Ecology in 1993. A drainage area is located off-Property to the southwest with Interstate 5 beyond.

1.2.2. PHYSIOGRAPHIC SETTING/TOPOGRAPHY

The precise Property location is N 47° 14' 34.44" / W 122° 22' 58.80" as determined by Delorme mapping data. The Site elevation is approximately 9 to 12 feet above mean sea level ("AMSL"). As observed during Site visits and confirmed on the USGS topographic map, the subject Property is relatively flat (Figure 4). As is commonly the case in low-lying areas near sea level, many roads and properties appear to be elevated several feet above the original grade. Evidence of the original grade may be seen in the decrease in elevation evident north of Pacific Highway East, north of the subject Property. A ditch is located a few tens of feet south of the Property adjoining to the south. A second ditch is located east of the property adjoining to the east. The field west of the subject Property slopes markedly to the level of the ditch to the south. Pacific Avenue East is elevated approximately two feet above the Site.

Slopes in the vicinity of the Site descend to the southwest towards the Puyallup River. The elevation of the parcel north of Pacific Highway East (*Econolodge*) is approximately that of the subject Parcel, 11 feet above mean sea level ("MSL"), however, Pacific Highway East itself is approximately 4 feet above that. The topography slopes steadily in a southerly direction from Pacific highway East towards the subject Parcel until the local topographic low, 4 feet above MSL at the drainage area southwest of the Site.

The regional topography within the Commencement Bay tidal flats is that of the nearly planar surface generated by the placement of artificial fill material in the later decades of the nineteenth century and the early years of the twentieth century. Elevations on ridges over one mile to the south increase to more than 200 feet AMSL, at the northernmost margins of the south Tacoma upland area.

1.3. SITE HISTORY

The subject Property was originally developed prior to 1940 for agricultural use on deltaic and alluvial plains near the margins of the Commencement Bay. A private residence and a barn or garage structure were present on the property to the south, property once a part of a larger parcel of land including the Site. A *Gasamet Gasoline Station* and store were constructed in 1964 and appear to have been located on both the current *Fife RV Center* and *Jack in the Box* properties. The gasoline station operated until 1987 and then was demolished and replaced in 1987 and 1988 by the existing structures, leased by Unocal and Sac's Deli, then Shell, Chevron and now the *Tahoma Express Gas Station*.

Four 8,000-gallon underground fuel storage tanks were reportedly removed from the former *Gasamet Gasoline Station* property to the south, and two 12,000-gallon underground fuel storage tanks were installed beneath a concrete pad west of the new fuel pump islands on the *Tahoma Express Gas Station*. Petroleum impacted soil was discovered in 1990, after which the service station was closed for two years while Unocal performed investigations and remediation of both soil and groundwater. Two existing tanks were removed, clean soil closure samples were collected, and two double walled steel-clad fiberglass replacement tanks were installed. In a letter issued by the State of Washington Department of Ecology, dated August 16, 1993, cleanup was characterized as complete; the letter states that no further action is required with regard to Unocal's participation in the state Independent Remedial Action Program, and that this opinion applied solely to the documented release associated with the tank system operated by Unocal between 1987 and 1990. The service station was reopened as a Shell branded gasoline retail facility in 1994, and Chevron in 1996.

The historical petroleum hydrocarbon release of focus in this RI, is associated with a Gasamet gasoline station occupied the western portion of the western gravel paved lot from the mid 1960's to the late 1980's on the *Fife RV Center* and *Jack in the Box* properties. Fuel dispenser islands were located south and southeast of the eastern terminus of the current restaurant drive-thru, with Underground Storage Tank Basins situated both to the east and west, and a building farther south. A triangular-shaped wooded water retention area ("Bio-Swale") is located to the west. Test pit exploration conducted in 2000 indicated strong petroleum odor in soil both south and southeast of the current *Jack in the Box* restaurant location, the bio-swale area, and the adjoining gravel lot.

1.4. PREVIOUS SITE ASSESSMENT

In October 2013, Associated Earth Sciences, Inc. ("AESI") conducted a Phase I Environmental Site Assessment at the subject Property, now called Fife RV Center, located at 3410 Pacific Highway East in Fife, Washington. Within the Phase I, they state that a *Gasamet Gasoline Station* operated at the northwest corner of the Property from the 1960s through the 1980s, and that the Property was listed on the Washington State Department of Ecology ("Ecology") CSCSL list for a petroleum release and arsenic release in the groundwater. Arsenic was determined not to be a contaminant of concern. A separate, remediated release was discovered at the northeast adjoining Chevron fueling station (which received a No Further Action designation from Ecology in 1993) (AESI, 2014).

In December 2013, AESI observed a geophysical survey consisting of electromagnetism and ground-penetrating radar. No abandoned underground storage tanks ("USTs") or former UST basins were discovered from the survey.

The following day, AESI observed the advancement of ten direct push borings: nine to a depth of 10 feet bgs, with EB6 to 15 feet bgs. Soil samples were collected at every borehole, and analyzed for TPHg, TPHd, TPHo, and BTEX. The samples were passed through a silica-gel column prior to analyses of TPHd and TPHo. Select samples from EB4 through EB6 (near the former pump islands) were additionally analyzed for total lead. Concentrations of TPHg and BTEX were detected above MTCA Method A screening levels in EB4 at 5 feet bgs. Concentrations of TPHg, benzene, ethylbenzene, and total xylenes were detected above screening levels in EB5. Concentrations of benzene, toluene, and ethylbenzene were detected above screening levels in EB6. No other analytes were detected above the MTCA Method A screening levels (AESI, 2014).

One groundwater grab sample was collected from the screened interval at the base of each of the ten

temporary borings: nine at a depth of 10 feet bgs, while EB6 was at a depth of 15 feet bgs. All samples were analyzed for TPHg and BTEX. EB3W through EB7W, as well as EB10W, were additionally analyzed for TPHd and TPHo after passing through a silica-gel column prior to analyses. EB5W through EB7W were also analyzed volatile organic compounds by EPA Method 8260C. Concentrations of TPHg and benzene were detected above screening levels in EB4W though EB7W (i.e. within and immediately southeast of the fueling area.) Concentrations of TPHd were detected above screening levels in EB4W and EB6W, for which AESI states, "The sample chromatographic pattern does not resemble the fuel standard used for quantitation." Concentrations of ethylbenzene was detected above Cleanup Levels in EB4W and EB6W, while total xylenes were detected above Cleanup Levels in EB4W and EB5W. Naphthalene was detected above Cleanup Levels in EB6W. Methylene chloride was detected above screening level in EB5W, however AESI attributed this to laboratory contamination. Aerotech can confirm that the lab results from Friedman & Bruya, Inc. provided within the report, indicate a separate analysis of EPA Method 8260C for this sample does not detect methylene chloride above detection limits. Concentrations of 1,3,5-trimethylbenzene were detected above MTCA Method B Non-carcinogen Standard Values in EB5W. No Method A or Method B Carcinogen values are set for this compound. No other analytes were detected above the MTCA Method A screening levels. Further information may be found in AESI's *Supplemental Phase II Environmental Assessment*, *Freddie's Casino* dated January 24, 2014.

After the interim excavation activity where 1685.24 tons of impacted soil were removed, Aerotech installed six 2-inch PVC Groundwater Monitoring Wells, north, west and southwest of the former Gasamet pump island and UST areas. Two wells, MW-1 and MW-2, were installed to the north of the excavated area, and three wells, MW-4, MW-5, and MW-6, were installed south and west of the excavated area. Well screens were placed between 4 and 15 feet bgs, in order to accommodate potential water level fluctuations related to daily tides and Puyallup River water level variations, as well as local recharge. One well, MW-3, was installed at a "hot spot" near the center of the excavated area (Aerotech, 2016b).

Total Petroleum Hydrocarbons - Gasoline were detected above MTCA Method A screening levels for soil at MW-2, MW-4, and MW-5, at concentrations between 34 and 250 mg/kg (benzene at 0.061 to 0.530 mg/kg), and at MW-3 at 13,000 mg/kg (benzene at 9.3 mg/kg) Further information may be found in Aerotech's *Groundwater Monitoring Well Installation Report*, *Fife RV Center* dated November 17, 2016.

On July 14, 2017, Aerotech installed three 1-inch PVC Groundwater Monitoring Wells south and east of the former Gasamet Pump island and UST areas. Two wells, MW-7 and MW-8, were installed in the cross-gradient groundwater flow direction to the south, and one well, MW9, was installed in the upgradient groundwater flow direction to the east. Screens were placed from 4 to 14 feet bgs (Aerotech, 2017d).

Four soil samples collected during well installation operations were analyzed. Lead, gasoline, diesel, and oil constituents were not detected. One additional borehole (B-1) was advanced in the unexcavated water main hot zone northwest of MW-3 in order to document additional MCTA Table 830-1 parameters; PCBs, cPAHs, and fuel additives were not detected or were below screening levels, while methylene chloride and trichloroethylene (TCE) exceedances were documented in soil at B-1. Further information may be found in Aerotech's *Groundwater Monitoring Well Installation Report*, *Fife RV Center* dated August 17, 2017.

On February 23, 2018, BoreTec Drilling, Inc., along with Aerotech Environmental Consulting, Inc. installed three 2-inch diameter PVC Groundwater Monitoring Wells west and southwest of the former Gasamet-related station features. Two wells, MW11 and MW12, were installed on the southside of the Bio-Swale pond, downgradient groundwater flow direction to the west and southwest. The other well, MW10, was installed downgradient groundwater flow direction from groundwater monitoring well MW2. Groundwater Monitoring Wells MW10 and MW12 were screened from 4 to 14 feet bgs. MW11 was screened from 2 to 9 feet bgs. Wells were developed by surge block and pump method on February 28, 2018 (Aerotech, 2018).

Nine soil samples collected during well installation operations were analyzed. petroleum constituents,

lead, PCBs and VOCs were not detected above the MTCA Method A screening levels except for MW12(7), which contained gasoline concentrations above. Further information may be found in Aerotech's *Downgradient Groundwater Monitoring Well Installation Report, Fife RV Center* dated April 27, 2018.

1.5. SITE USE

1.5.1. CURRENT PROPERTY USES AND FACILITIES

The Property consists of a RV Storage lot which is unpaved with compacted gravel and (Figure 3). The western portions of the Parcel are paved with asphalt and include the Fife RV Center office building.

1.5.2. PROPOSED OR POTENTIAL FUTURE SITE USES

Planned use for the Property is to continue as parking and storage for Fife RV Center. There are no Plans for redevelopment currently. The parcel is zoned as regional commercial use (Figure 5).

1.5.3. REGULATORY STATUS

Aerotech entered the Site as "Fife RV Center" into the VCP under Ecology in January 2017. Adam Harris of the Southwest Regional Office Toxics Cleanup Program has been assigned as the Ecology Project Manager.

The latest opinion letter dated May 31, 2017 issued from Ecology determined additional remedial actions are necessary to clean up contamination at the Site.

1.5.4. TRANSPORTATION/ROADS

The Property is located south of the Pacific Highway East and north of Interstate 5. Access is obtained through an easement between Jack In The Box and Tahoma Express Gas Station as well as the entrance to Fife RV Center at 3410 Pacific Highway East. Port of Tacoma Road is the north south arterial and interchanges with Interstate 5. Interstate 5 that connects Canada to Mexico lies immediately to the south (Figure 3).

1.5.5. UTILITIES AND WATER SUPPLY

During the interim excavation activity, the layout of the subsurface utilities were identified and mapped (Figure 6). A storm sewer is located on the south-central portion of the Property and trends east west draining toward the west and the Bio-Swale Pond. A buried electric line crosses the parcel forming a polygon surrounding the former *Gasamet Gasoline Station* features. A main utility corridor with gas, electrical and storm sewer lines trends southeast to northwest along the northeast section of the parcel. A fire hydrant is connected to a northwest-southeast rending water line that bisects the middle of the parcel.

The City of Tacoma supplies potable water within the city limits. The City of Tacoma reports its water source as the upper eastern sections of the Green River watershed along the western flanks of the Cascade Mountains; the city also maintains groundwater production wells within the same area, in the vicinity of the Eagle Gorge Reservoir and the Howard Hanson Dam, some twenty miles east of the subject Property. A municipal well field, utilized during high demand periods, is located near Interstate 5 in south Tacoma, over three miles west of the subject Property.

1.6. POTENTIAL SOURCES OF HYDROCARBONS

The potential sources of hydrocarbons include the former USTs located in the center of the Property and the former fuel conveyance system including the fuel dispensers (Figure 6)

Facilities associated with the *Gasamet Gasoline Station* that operated from until 1964-1987 included at least three pump islands and four 8,000-gallon USTs. All former UST contents remain unknown.

Tank Type & Volume	Content	Date Installed	Date Decommissioned
8,000-gallon UST	Unknown	1964	1987
8,000-gallon UST	Unknown	1964	1987
8,000-gallon UST	Unknown	1964	1987
8,000-gallon UST	Unknown	1964	1987

2. FIELD INVESTIGATIONS

2.1. PREVIOUS ENVIRONMENTAL INVESTIGATIONS

A total of 12 groundwater monitoring wells have been completed on-Property to date. Monitoring of the groundwater wells has occurred quarterly since 2016 (Aerotech 2016c; 2017a; 2017b; 2017c; 2017e; 2017f; 2017g).

A total of 5 investigations have been completed at the Fife RV Center Property are summarized in the following reports:

- Associated Earth Sciences. August 16, 2014. *Supplemental Phase II Site Assessment,*
- Aerotech. November 1, 2016. *Site Remedial Excavation Report.*
- Aerotech. November 17, 2016. *Groundwater Monitoring Well Installation Report.*
- Aerotech. August 16, 2017. *Groundwater Monitoring Well Installation Report.*
- Aerotech. April 27, 2018. *Downgradient Well Installation Report.*

A chronological summary of work completed at Fife RV Center during the investigations listed above can be found in Appendix B. These data include investigations completed on the Fife RV Parcel only. A summary of historical soil analytical data and historical groundwater analytical data can be found in Tables 1 and 2, respectively. All historical boring logs are included in Appendix C. Boring logs for work completed in Aerotech's July 2018 site assessment are included in Appendix D. Laboratory analytical reports for soil and groundwater samples collected during the July 2018 site assessment are included in Appendix E. All currently existing wells and soil boring locations are shown on Figure 7. Other pertinent investigations completed in the immediate vicinity of the Fife RV Center property are also summarized in Appendix B and differentiated by parcel. All activities completed by Aerotech were in accordance with Aerotech Field Protocols (Appendix F) and selected photos from the investigation may be found in Appendix G.

2.2. ENVIRONMENTAL INVESTIGTION SUMMARY

A total 31 soil borings have been advanced at the Site (MW-1 through MW12). The soil analytical results can be found in Table 1 and Figure 7. Surface water analytical results are summarized in Table 2, groundwater analytical results and grab groundwater results are summarized in Tables 3 and 4 respectively.

2.2.1. CONSTITUENTS OF POTENTIAL CONCERN

Constituents of potential concern ("COPCs") based on current and past uses of the Property include the compounds listed in WAC Chapter 173-340-900 Table 830-1 Required Testing for Petroleum Releases. The following table lists COPCs for the Site:

Potential Source	COPCs
Former Gasoline Service Station Tanks and Fuel Conveyance System	• TPHg • TPHd • TPHo • BTEX • HVOCs • PAHs • PCBs • Total Lead

Based on the laboratory analytical results from environmental activities conducted at the Site, concentrations of TPHg and BTEX have been detected above MTCA Method A screening levels in

groundwater and soil samples.

2.2.2. SOIL

Locations of soil samples are depicted on Figure 7. Soil samples have been analyzed for TPHg, TPHd, TPHo BTEX, HVOCs, PCBs and lead. Laboratory analytical results indicated TPHg and BTEX above the MTCA Method A screening levels. The depths of the soil samples range from 2.5 to 14.5 feet bgs. A summary of laboratory analytical results, sample depth, and sample date for each soil sample submitted for analysis is presented in Table 1.

2.2.3. SURFACE WATER

Two samples of surface water were collected on February 26, 2018 from the Bio-Swale utilizing a teflon bailer (Table 2). One was collected from the northeast corner of the Bio Swale, down the bank from MW10 (POND-NE) and the other at the outfall exit from the pond (POND-EXIT; Figure 8). Each sample was analyzed for TPHg and BTEX, POND-NE contained concentrations of TPHg at 140 ug/L and the POND-EXIT was below all laboratory detection limits.

2.2.4. GROUNDWATER

Twelve groundwater monitoring wells (MW1 through MW12; Figure 8) have been installed at the Site since 2016.

Aerotech installed six 2-inch PVC groundwater monitoring wells, north, west and southwest of the former *Gasamet* pump island and UST areas. Two wells, MW-1 and MW-2, were installed to the north of the excavation, and three wells, MW-4, MW-5, and MW-6, were installed south and west of the interim excavation. One well, MW-3, was installed at a “hot spot” near the center of the excavated area.

On July 14, 2017, Aerotech installed three 1-inch PVC groundwater monitoring wells south and east of the former *Gasamet* pump island and UST areas. Two wells, MW-7 and MW-8, were installed in the cross-gradient groundwater flow direction to the south, and one well, MW9, was installed in the upgradient groundwater flow direction to the east.

Groundwater monitoring wells MW10-MW12 were installed in February 2018 to define extent of impacted groundwater in the west and southwest directions.

A summary of laboratory analytical results, and sample date for each groundwater sample submitted for analysis is presented in Tables 3 and 4.

2.2.5. SEDIMENT

Sediment has not been evaluated on the Property.

2.2.6. AIR/SOIL VAPOR

Air/Soil vapor concentrations have not been evaluated on the Property.

2.2.7. NATURAL RESOURCES/WILDLIFE

A Terrestrial Ecological Evaluation (“TEE”) form has been completed as part of the previously submitted VCP Application.

2.2.8. CULTURAL HISTORY/ARCHEOLOGY

No information or reports of historical investigations have indicated a need for additional research of Property history or archaeology.

2.2.9. INTERIM ACTIONS

Aerotech, along with Langseth Environmental Services Inc. (“Langseth”), performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from the Supplemental

Phase II Environmental Site Assessment were used to guide the initial stages of the excavation. Analytical results from samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A screening levels at these locations. TPHg, Benzene, Toluene, Ethylbenzene, and Xylenes remain Constituents of Concern at the Site. Chlorinated Volatile Organic Compounds, TPHd, and TPHo not detected above laboratory Minimum Reporting Limits. Lead was detected, but at concentrations well below the MTCA Method A screening level for soil. A saturated, wooded. Bio-Swale is located on-Property to the Northwest of the Site Remedial Excavation and limited soil removal in that direction. Southwest of the Property, the topography slopes downward into a water retaining drainage area, which also limited soil removal. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST basin. Groundwater was encountered on Site at levels ranging from 3 to 10 feet bgs (Aerotech, 2016a). Figure 7 illustrates the sample locations and extent of excavation completed during this action.

2.3. SITE CHARACTERIZATION - JULY 2018

Aerotech completed Soil Borings B2–B9 to determine the current soil and groundwater conditions along the Fife RV Center property boundary north and southwest of the former *Gasamet Gasoline Station* (Figures 7 & 8).

2.3.1. NOTIFICATIONS – "PUBLIC UTILITIES"

A public utility locate notification was performed prior to the start of work. Aerotech performed the "public" utilities notification on June 26, 2018 and was issued Ticket Number 18273696 by the Utilities Underground Location Center.

According to the Utilities Underground Location Center the utilities necessary for notification included:

District	Company	Marking	Customer Service	Repair
CC7711	COMCAST CABLE	(800)762-0592	(800)266-2278	(855)537-6296
ELCLT01	ZAYO FNA INTEGRA TELECOM	(888)267-1063	(443)403-2023	(888)267-1063
FIFE01	CITY OF FIFE	(253)922-9315	(253)922-9315	(253)922-9315
MCCHRD01	MC CHORD PIPELINE COMPANY	(253)383-1651	(253)383-1651	(253)383-1651
MTRMED01	ZAYO FNA ABOVENET	(888)267-1063	(443)403-2023	(888)267-1063
OLYPE01	BP/OLYMPIC PIPE LINE COMPANY	(425)981-2517	(425)981-2517	(888)271-8880
PUGE07	PUGET SOUND ENERGY ELECTRIC	(888)728-9343	(888)225-5773	(888)225-5773
QLNWA24	CTLQL-CENTURYLINK	(800)778-9140	(800)283-4237	(800)573-1311
TACPWR01	TACOMA PWR & CLICK NETWORK	(253)502-8263	(253)502-8600	(253)383-0982
WSDOT10	WA DOT - OLYMPIC REGION	(360)357-2647	(360)357-2647	(360)357-2647

2.3.2. PRIVATE UTILITIES LOCATION:

Additionally, Aerotech engaged personnel of Mountain View Locating Services of Bonney Lake, Washington to locate building and site utilities on July 3, 2018, prior to the start of the on Site drilling activities. No unanticipated or unexpected situations were discovered or encountered during the "private" locating activities.

Based in part upon pavement markings made by utility location technicians; the location of utility fixtures such as water, electrical, or manholes, and the presence of anomalies detected by induction or ground radar methodologies, monitoring well soil boring locations were chosen.

2.3.3. GROUND PENETRATING RADAR SURVEY:

A Ground Penetrating Radar ("GPR") Survey conducted by Mountain View Locating Services staff on July 3, 2018 in order to augment the induced current methodology, and to verify the presence of utility trenches such as sewer and water main trenches. Mr. Dave Schaff of Mountain View Locating Services, LLC employed Radar equipment utilizing Dual Frequency Antennae (300 MHz/800 MHz) manufactured by Geophysical Survey Systems. The locations of the water main and storm sewers were confirmed by means of GPR activities.

2.3.4. SITE ACTIVITIES:

Eight soil borings were advanced on July 3, 2018, under contract with Aerotech Environmental Consulting, Inc. All the work was performed during normal business hours. No unusual or unforeseen circumstances occurred during the Site activities.

2.3.5. DRILLING ACTIVITIES:

Drilling operations utilized a Jackhammer-mounted Limited Access Direct Push Rig, equipped with 2-inch diameter, four-foot long stainless-steel sampling rods.

The subsurface soil borings were performed by equipment owned and operated by a Licensed Driller from Standard Environmental Probe ("Standard") of Tacoma, Washington. The on-Site drilling equipment was operated by personnel employed by Standard, Mr. Russell Vaughn (State of Washington Department of Ecology Well Drillers License No. 3143). All subsurface work was overseen by State of Washington Licensed Geologist, Mr. Justin Foslien (State of Washington License No. 2320). The laboratory analytical services were performed by a State of Washington licensed lab, Advanced Analytical Labs located in Redmond, Washington.

2.3.6. SOIL BORINGS:

A total of four soil borings were advanced on the southern and southwestern Property Boundary adjacent to the Interstate ROW, south and southwest of the former *Gasamet Gasoline Station*. An additional four borings were advanced in the gravel lot situated south of the Jack-in-the-Box building, north of one pair of former gasoline USTs and in the midst of the former pump island (which straddled the current Property Line) associated with the former *Gasamet Gasoline Station* (Figure 7).

2.3.7. SOIL SAMPLE COLLECTION:

A total of 17 discrete soil samples were collected on July 3, 2018 at eight soil boring locations.

Soils collected from each location were visually inspected for color quality and evidence of discoloration, and physically observed for the purpose of recording composition and noting odor, where distinctive. Each sample was handled with a fresh pair of clean nitrile gloves. Samples were placed in sterile four-ounce glass jars and 40cc glass vials preserved with 5ml methanol in accordance with procedures specified for USEPA Method 5035A.

Each sample was given a unique identifier number and placed in an iced cooler for sample preservation. Samples were held in the custody of the project manager, Nicholas Gerkin, and ice was checked and replenished while samples were held in the evening and maintained to the time of delivery to the lab. A Chain of Custody was maintained to record details associated with the collection and handling of each sample. The remaining soil samples were retained by the laboratory for analysis if the soil samples selected for laboratory analysis revealed elevated levels of constituents. Following the production of the initial Site sample results for soil, no follow-up laboratory analyses were requested for the subject Site, as of the date of this report.

2.3.8. GRAB GROUNDWATER SAMPLE COLLECTION:

A total of three (3) groundwater 'grab' samples were collected on July 3, 2018. The groundwater samples were collected through temporary well casings inserted in Soil Borings B6, B7, and B9. The groundwater samples were submitted for analyses based on the Scope of work discussed in the previous section.

The groundwater samples were extracted from the temporary well casings using a peristaltic pump. Each groundwater sample was extracted using new disposable polyethylene tubing with a fresh pair of clean nitrile gloves. Samples were then placed into laboratory supplied containers.

Each sample was given a unique identifier number and placed into an iced cooler for preservation. Samples were kept on ice until delivery to Advance Analytical Laboratory of Redmond, Washington.

2.3.9. EQUIPMENT DECONTAMINATION:

All sample acquisition equipment was decontaminated before and after the completion of each borehole to eliminate the potential for cross-contamination between borings, as required. All reusable sampling equipment for soil sampling, drive rods, and probes were decontaminated after each sampling point by washing with an Alconox-distilled water solution and rinsing with distilled water.

2.3.10. SITE RESTORATION:

Each borehole was complete with bentonite chips and gravel to match the surrounding surfaces. No landscape restoration was necessary.

2.3.11. RESULTS:

SUMMARY OF SAMPLE ACQUISITION

A total of eight soil borings were advanced in the Area of Concern to a maximum depth of 12 feet bgs. A total of seventeen soil samples were collected of which 15 were analyzed and three grab groundwater samples were collected of which all were analyzed. Detailed descriptions of each soil boring location, observations made during the acquisition, sampling information, and the field screening process are documented in soil boring logs attached to this report.

Total Petroleum Hydrocarbons – Gasoline and other Petroleum Constituents:

Gasoline and Benzene were detected above the MTCA Method A screening levels completed in nine of fifteen soil samples. Gasoline and Benzene were detected above the MTCA Method A screening levels in three of three grab groundwater samples. A summary of the remaining results may be found in Tables 1 & 3, including results from the previous investigations.

APPLICABLE ANALYTICAL METHODOLOGIES AND PARAMETERS

The analytical parameters were chosen based upon the results of previous investigations to provide a comprehensive characterization of the subsurface soils and groundwater present at the Site Areas of Concern and to comply with State of Washington recommendations.

Analytical Methodology:

Soil: **Gasoline Range Organics & Benzene, Ethylbenzene, Toluene, and Xylenes**

State of Washington NWTPH-Gx (TPHg)

USEPA 8021B (BTEX)

Laboratory Analysis:

Laboratory analysis was provided by:

Advanced Analytical Laboratory, LLC
4078 148 Avenue NE
Redmond, WA 98052
425.702.8571
aachemlab@yahoo.com

3. NATURAL CONDITIONS

3.1. SITE GEOLOGY

The Puget Sound lies within a tectonic trough situated between the Olympic Mountains to the west, and the northern Cascade Mountains to the east. This trough is characterized by fault zones accommodating north-south compressional rotation, commonly resulting in predominant north-south and northwest-southeast oriented faults and fault zones. Elliott Bay lies north of the Seattle Fault Zone, while Tacoma's Commencement Bay lies south of the northernmost Tacoma Fault zone rupture. A major fault is mapped below the bluffs on which central Tacoma was developed, along the western margin of Commencement Bay. Commencement Bay and the Puyallup River Basin lie on the down dropped side of the fault. The uppermost soils are dominated by alluvial sediments and occasionally volcanic mud flows originating on the slopes of Mount Rainier. Deep borehole data indicate approximately 1,800 feet of unconsolidated glacial and interglacial sediments in the former tidal flats in the vicinity of the subject Property.

The subject Site and vicinity, south of the Blair Waterway, are mapped as Quaternary Alluvium. These soils are characterized as:

"Gravel, sand, silt, and clay. Deposited chiefly by modern streams, but includes some swamp deposits. Includes marine deposits near the mouth of the Puyallup river.... thickness ranges from a few feet to as much as 600 feet. Yield small to moderate quantities of water to wells. Locally capable of large yields."

(Walters and Kimmel, 1968; Booth et al, 2004; Smith, 1977; Jones et el, 1999)

Unconsolidated sediments documented in soil borings advanced at the subject Property include: 1) Gravel at depths between the ground surface and a depth of 3 feet, and 2) Sandy silt at depths between 3 feet and 8 feet. A Washington Department of Transportation test boring advanced near the intersection of the Port of Tacoma Road and Interstate 5, documents the presence of gravel with sand and sand to a depth of 8 feet, underlain by at least 12 feet of silt or silt with sand. The shallow gravels may represent fill material placed atop natural fluvially and alluvially deposited silts and sandy silts. These fill materials may be expected underneath roadways and developed properties. They are often designed to elevate the surface above shallow groundwater and reduce susceptibility to flooding due to groundwater flooding during wet periods; and flooding due to heavy precipitation or breaches and overtopping of the levee system or the associated ditch systems.

A Northwest-Southeast and Southwest-Northeast geologic cross section illustrating subsurface conditions observed at the Property can be found on Figure 8.

3.2. SITE HYDROGEOLOGY

The principal aquifers in the Puget Sound Region occur in glacial drift, that along with finer grained interglacial sediments, underlie the basin lowland to depths often exceeding 1,000 feet. Sand and gravel units within the glacial drift form the principle aquifers. These aquifers receive ample recharge from the typically heavy precipitation characteristic of western Washington. The glacial drift in the Puget Sound region varies greatly in composition and water yielding capacity. Typically, wells in glacial drift that tap silt, clay, or till in the region at approximately 75 to 100 feet below ground surface may have yields of 100 gallons or more per minute. Deeper wells tapping thick, saturated layers of highly permeable gravel and coarse sand, typically at depths greater than 250 feet below ground surface, can yield more than 1,000 gallons per minute.

The calculated groundwater flow direction at the Site is to the west and west southwest toward the bioswale to the west and the ditch to the west-southwest (Figure, Pot Map and Rose Diagram). Groundwater gradients increased markedly in close proximity to the ditch and bioswale areas, within a few tens of feet of the southwest corner of the Site.

Static water levels north and east of the subject Property have been recorded by other consultants between depths of three to six feet bgs. During the AESI Phase II, water levels were reported to range from three to seven feet bgs on the subject Property. Ditches in the vicinity are estimated to be as much

as four to five feet deep. Groundwater flow direction has been documented at the property to the north as flowing to the south-southwest; to the west and southwest at the current Travelodge property, adjacent to the east; and at the former Unocal/Texaco/Chevron Station and current Tahoma Express station, adjacent to the northwest, as flowing to the west-southwest, or to the south or southwest.

A groundwater divide, north of which groundwater flow may be expected to flow toward Commencement Bay, is likely present perhaps as near as a few hundred feet to the north of the Site; this groundwater divide may migrate considerable. The straightened and levee-bound Lower Puyallup River channel is located approximately 3,000 feet south west of the subject Property. Groundwater in the vicinity of the Site, based upon water level data may flow predominantly in the direction of the Puyallup River channel, but may also flow to the west or northwest where the groundwater system is influence by elevated Puyallup River water levels during flood stage or the wet winter seasons.

Components of an extensive ditch system are visible south of the Site, along the northern and southern margins of Interstate 5, and north of Pacific Highway East. Portions of the ditch system to the north may discharge to Wapato Creek to the east. Ditches to the south do not appear to be connected to the system to the north. The ditch adjoining the Site appears to discharge to the east, and then to the south via pipe underneath Interstate 5. When the water table is low, during dry summer months, water entering ditches may, in part, infiltrate vertically to a seasonally low water table; when the water table is higher, during wet winter periods, groundwater may discharge to deeper drainage ditches.

Because tidal fluctuations approach 15 or more feet in the Tacoma area, rhythmic fluctuations in ground water levels twice daily and flow direction may occur within some low-lying areas near Commencement Bay. Under some conditions, tidal fluctuations may potentially influence groundwater flow at the subject Property, given its location approximately 4,000 feet from the Blair Waterway and approximately 3,000 feet northeast of the Puyallup River channel. Groundwater flow direction at low tide may potentially be diverted somewhat to the west or even northwest. The predominant groundwater flow direction south of this nearby section of Pacific Highway appears to be to the west-southwest or west. Tidal influence is negligible based on no change in elevations on the Site for up to 9 hours in one day. .The Puyallup River in the area has been straightened and is protected by a levy system. Aside from the immediate influence of the designed ditch system at and near the Site, it is at this time expected to represent the primary boundary condition likely to influence overall groundwater flow near the Site.

Jones, Orr and Ebbert depict the shallow alluvial aquifer of Commencement Bay as hydraulically connected to adjoining glacial aquifers above; in general groundwater is expected to flow from the bluffs above, toward Commencement Bay and the Puyallup River, with a significant flow component in the direction of river flow, toward Commencement Bay.

The upper alluvial aquifer is characterized as a distinct hydrogeologic unit, hydraulically connected to more permeable sandy or gravelly units along the valley margins, often lying underneath glacial till

"Aquifer Qcl [Jones et al, 1999] is generally a confined aquifer except where it is exposed at the surface, where it is unconfined, or not completely saturated beneath Qvt (Vashon Till). It consists largely of sand and gravel deposits but does contain silt and clay within the sand and gravel matrix.... The altitude of the top of this aquifer ranges from 50 feet below sea level to 509 feet above sea level."

3.2.1. GROUNDWATER CONDITIONS

Groundwater occurs in the shallow saturated zone beneath the Site comprised of poorly graded fill sand as well as silty sand or sandy silt. The water table depth typically ranges between approximately 1 and 5.5 feet bgs (Table 3). Previous maps summarize in a rose diagram depict the local flow of groundwater is toward the southwest and the Puyallup River (Figure 12).

Recent dewatering associated with DOT construction project that is updating the Interstate 5 interchange with Port of Tacoma Road have depressed the water elevation as much as 8.39 feet at MW6 along the southwestern parcel boundary. This depression has also resulted in the increase of gradient and change in direction toward the southeast compared to previous events. Photographs of the ongoing construction activities are included in Appendix G.

3.3. SURFACE WATER

The Site is currently covered with compacted gravel, concrete and asphalt. In the event of a storm water overflow at the Property, stormwater surface runoff is collected via catch basins and conveyed via storm sewer located on the south-central portion of the Property and trends east west draining toward the west and the Bio-Swale Pond. The Bio-Swale then discharges to the west via 36-inch perforated pipe. This pipe flows under the I5 southbound off-ramp to additional drainage swale and ultimately to an outfall in the Puyallup River.

Currently there is no water present in the Bio-Swale due to the pumping and construction activity previously mentioned.

The nearest surface water body is the Puyallup River located approximately ½ mile southwest of the *Fife RV Center*. The Puyallup River flows west into Puget Sound approximately 2.75 miles northwest of the Site (Google Earth, 2018).

3.4. ECOLOGICAL RECEPTORS

3.4.1. SENSITIVE RECEPTOR SURVEY ANALYSIS

The nearest surface water body is the Puyallup River located approximately ½ mile southeast of the Property (Google Earth, 2018). Based on: 1) the previous interim removal of source areas of hydrocarbon concentrations above the MTCA Method A screening levels on the Property; 2) the presence of a bioswale on the northwest corner of the property; and future surface water drainage construction to include additional stormwater runoff controls it is unlikely that groundwater or soil beneath the subject property would pose a future risk to surface waters.

The nearest potable water well is located approximately 0.75 mile upgradient to the south of the Site on the western side of the Puyallup River (Health, 2018). The Property is not located within any groundwater well protection areas.

3.4.2. TERRESTRIAL ECOLOGICAL EVALUATION

A Terrestrial Ecological Evaluation (TEE) Form was completed for the Property as part of the VCP Application based on data at that time. A Simplified TEE was completed based on approximately 2.0 acres of contiguous undeveloped land on or within 500 feet of the subject site. An aerial map with a 500-foot radius encompassing the Property can be found in Appendix H along with a completed Simplified TEE exposure analyses procedure (Table 749-1). No further evaluation was necessary because according to WAC 173-340-7492(2)(a), the area of soil contamination is less than 350 square feet.

The TEE will be updated to reflect the area of delineated impacts once the final extent of the MTCA Site boundary is determined.

4. CONCEPTUAL SITE MODEL

The conceptual site model is a "conceptual understanding of a site that identifies potential or suspected sources of hazardous substances, types and concentrations of hazardous substances, potentially contaminated media, and actual and potential exposure pathways and receptors." As defined by MTCA WAC 173-340-200 (WAC, 2017). This report has provided details regarding how COPCs were released, the types and extent of constituents detected at the Site, and actual and potential receptors. This section provides a conceptual summary of the detailed information described in the previous sections. Figure 13 presents a graphical representation of the conceptual model for the Site.

4.1. SOURCES OF CONSTITUENTS OF CONCERN

The sources of hydrocarbons on the Site are the releases to soil of COPCs that were stored and distributed by the Former *Gasamet* G*asoline Station*. These COPCs occurred via releases from USTs, pipes, and dispensers. These releases were focused in the vicinity of the first generation of UST basin and the former pump islandsThe COPCs were released to soil; the hydrocarbons then spread by vapor transport into the vadose zone, by partitioning from soil vapor into groundwater, and by direct leaching to groundwater from saturated soils. The Property is currently utilized as parking for recreation vehicles and the surface cover is compacted gravel.

4.2. FATE AND TRANSPORT

The sources of hydrocarbons on the Site are the releases to soil of COPCs that were stored and distributed by the former *Gasamet Gasoline Station*. These COPCs occurred via releases from USTs, pipes, and dispensers. These releases were focused in the vicinity of the first generation of UST basin and the former pump islands.

The COPCs were released to soil; the hydrocarbons then spread by vapor transport into the vadose zone, by partitioning from soil vapor into groundwater, and by direct leaching to groundwater from saturated soils. The presence of shallow groundwater beneath the Site also likely enabled some of the COPCs to be released directly to groundwater. The Property is currently unpaved with compacted gravel and vegetation around the Bio-Swale pond. Therefore, the potential of infiltration of rainwater that could leach COPCs from the soil or entrain soil vapors from chemicals and carry them downward to the water table is high.

4.3. EXPOSURE PATHWAYS AND RECEPTORS

The Property is within a regional commercial use area that includes public streets, businesses, and other industrial activities. The streets and parking lots are covered with asphalt or concrete. There is some terrestrial habitat in the area, associated with the Bio-Swale and buffers around Interstate 5. A municipal well field, utilized during high demand periods, is located over 3 miles west of the site (Aerotech, 2016). Current exposure pathways and receptors are limited to the following:

- Incidental ingestion of surface soils;
- Incidental ingestion of groundwater from leaching of soil:
- Inhalation of indoor air from volatilization of soil;
- Inhalation of outdoor air from volatilization of soil;
- Inhalation of indoor air from volatilization of groundwater; and
- Inhalation of outdoor air from volatilization of groundwater

The property surface is compacted gravel and no redevelopment is currently planned. However, a structure erected over the area of soil containing residual hydrocarbons could trap vapor containing COPCs. The soil and groundwater containing hydrocarbons remaining at the Site is the source of these vapors. Cleanup levels will be developed for indoor air based on the vapor intrusion pathway. based on recent guidance and planned confirmation sample data.

There is a potential for a future direct contact exposure pathway whereby construction workers digging in subsurface soil may be exposed to COPCs. Cleanup levels will be developed based on industrial worker exposure cleanup levels.

4.4. POTENTIAL FUTURE EXPOSURE PATHWAYS AND RECEPTORS

Future land use in the area is expected to remain general commercial, therefore the MTCA Method A and B Cleanup Levels are applicable to this Site. No significant changes in zoning are expected in the foreseeable future.

4.5. SOIL CLEANUP STANDARDS

The following pathways are considered for the establishment of soil cleanup levels at the Site:

- Protection of human health via direct exposure using the MTCA Method A Cleanup Levels;
- Protection of ecological receptors, an ecological evaluation is required under MTCA;
- Protection of groundwater resources from COCs leaching from soil; and
- Protection of indoor air from vapor intrusion from soil containing hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels.

In developing cleanup levels, the following Site-specific information is relevant:

- The Site and the adjacent properties are currently zoned for regional commercial use;
- Soil containing residual COPCs remains near buried water and electrical lines on the *Fife RV Center* parcel; and
- Soil containing residual COPCs remains along the property boundary with *Jack in the Box* and likely extends beyond the property boundary

Although definition of the release to soil has not been achieved, Aerotech selected MTCA A Cleanup Levels based on the current data.

4.6. GROUNDWATER CLEANUP STANDARDS

The following pathways are considered for the establishment of groundwater cleanup levels at the Site:

- Protection of human health via direct exposure using the MTCA Method A Cleanup Levels;
- Protection of ecological receptors, an ecological evaluation is required under MTCA;
- Protection of groundwater resources from COCs leaching from soil; and
- Protection of indoor air from vapor intrusion from soil containing hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels.

In developing cleanup levels, the following Site-specific information is relevant:

- The Site and the adjacent properties are currently zoned for regional commercial use; and
- Groundwater containing residual COPCs is present at the Site (Tables 3 & 4).
- Groundwater containing residual COPCs at the Property has not been defined and at least extends to the northern Property boundary shared with *Jack in the Box* from the area surrounding the former USTs in the central portion of the Property.

4.7. CLEANUP STANDARDS FOR INDOOR/AMBIENT AIR, SOIL GAS, SUB-SLAB SOIL GAS

In developing cleanup levels for indoor air, the following Site-specific information is relevant:

- Soil containing residual COPCs at the Property has not been defined and at least extends to the norther Property boundary shared with *Jack in the Box* from the area surrounding the former USTs in the central portion of the Property. Additionally, toward the southwest and the Property boundary shared with the Interstate 5 off ramp.
- Vapor intrusion from soil containing residual has not been evaluated.

4.8. CLEANUP LEVELS

CULs will be updated as additional data is collected from investigations. Based on the current conditions present at the Site, MTCA Method A is the appropriate CUL for both soil and groundwater.

	MTCA Cleanup Levels			
COPC	**Soil – Method A (mg/kg)**	**Soil – Method B Direct Contact (µg/kg)**	**Groundwater (µg/L)**	**Indoor Air (µg/m3)**
Benzene	0.030	N/A	5	N/A
Toluene	7	N/A	1,000	N/A
Ethylbenzene	6	N/A	700	N/A
Xylenes	9	N/A	1,000	N/A
TPHg	100a/30b	N/A	800a/1,000b	N/A
TPHd	2000	N/A	500	N/A
TPHo	2000	N/A	500	N/A
Lead	250	N/A	15	N/A

a = TPHg soil cleanup level is 30 mg/kg, unless benzene is not detected in the sample, or if toluene, ethylbenzene, and total xylenes constitute less than 1% of the TPHg present in the sample. If these conditions are met, the cleanup level for TPHg may be elevated to 100 mg/kg.
b = 800 mg/L if benzene is present in groundwater; 1,000 mg/L if no detectable benzene in groundwater

5. SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

5.1. SUMMARY AND CONCLUSIONS

From the mid 1960's to the late l980's a *Gasamet Gasoline Station* occupied the western portion of the western gravel paved lot on the Subject Property and the southern portion of the Jack in the Box Property. Fuel dispenser islands were located south and east of the eastern terminus of the current restaurant drive-thru, with UST Basins situated both to the east and west, and a building farther south. A triangular-shaped wooded water retention area (Bio-Swale) is located at the west side of the Site.

In 1987, Rittenhouse-Zeman & Associates (RZA) completed a geotechnical investigation where, hydrocarbon odors were encountered at soil boring B-1 (located beneath the present restaurant building) between 5 and 10 feet bgs. Samples collected from B-1; S-5 (11-12.5 feet), contained TPH in above the current MTCA Method A CULs") (RZA, 1988). RZA advanced four soil borings at the corners of the property (B-1A, B-2, B-3, B-4) in January 1998. No petroleum odor was observed in any of the four soil borings. Soil Sample S-4 collected from B-2 at 10-11.5 feet bgs contained TPH above the CUL (RZA, 1988). The location of this boring corresponded to the northwest corner of the *Jack in the Box* parcel.

In 2014, *Associated Earth Sciences,* Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Petroleum hydrocarbons were detected at concentrations above the Model Toxic Control Act ("MTCA") Method A Cleanup Levels in soil and groundwater samples in the vicinity of the former *Gasamet* pump islands and UST Basins. Based on these results, Mr. Chris LaVerdiere, requested *Langseth Environmental* ("Langseth") *and Aerotech Environmental Consulting, Inc.* ("Aerotech") initiate site remedial excavation and environmental consulting services to address petroleum impacted soils.

1,685.24 tons of petroleum impacted soil were removed in late 2016. The first six groundwater monitoring wells were installed immediately thereafter, followed by upgradient wells (MW7, MW8, and MW9) in July of 2017.

Analytical data collected during the July 2018 site assessment indicate that groundwater and soil contain concentrations above MTCA Method A CULs exist along the northern Fife RV Center property shared with *Jack in the Box*. Soil borings B7-B9 advanced along the fenced property line indicated the extent of soil and groundwater impacted by petroleum related hydrocarbons extends into the *Jack in the Box* parcel immediately to the north.

Soil and water samples collected from soil boring B3 at the southwestern property boundary also contained concentrations above MTCA Method A Cleanup Levels. Groundwater samples collected from monitoring well MW12 have also contained concentrations of benzene above MTCA Method A CULs. Additional investigation in necessary to define the Site toward the WSDOT right of way associated with the Interstate 5 Off-Ramp.

5.2. RECOMMENDATIONS

Based on the existing information collected from the *Fife RV Center* property, further action will be required to delineate the extent of petroleum- related contamination associated with the former *Gasamet Gasoline Station*. Aerotech recommends submitting this report to the Ecology with a request for opinion on the activities completed to date; and to help facilitate the negotiation of access to complete definition of the MTCA Site boundary.

6. LIMITATIONS

For any documents cited that were not generated by Aerotech, the data taken from those documents is used "as is" and is assumed to be accurate. Aerotech does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This report and the works performed have been undertaken in good faith, with due diligence and with the expertise, experience capability and specialized knowledge necessary to perform the Work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services, in Washington at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

7. REFERENCES

Associated Earth Sciences. August 16, 2014. *Supplemental Phase II Site Assessment,* Freddie's Casino Property, 3410 Pacific Highway East, Fife Washington 98424.

Aerotech. November 1, 2016a. *Site Remedial Excavation Report*, Fife RV Center, 3410 Pacific Highway East, Fife Washington 98424.

Aerotech. November 17, 2016b. *Groundwater Monitoring Well Installation Report*. Fife RV Center, 3410 Pacific Highway East, Fife Washington 98424.

Aerotech. December 9, 2016c. *Groundwater Monitoring Report: First Quarterly Sampling – November 2016,* Fife RV Center, 3410 Pacific Highway East, Fife, Washington 98424.

Aerotech. March 8, 2017a. *Groundwater Monitoring Report: 2nd Quarter – February 2017,* Fife RV Center, 3410 Pacific Highway East, Fife, Washington 98424.

Aerotech. June 7, 2017b. *Groundwater Monitoring Report: 3rd Quarter – May 2017*, Fife RV Center, 3410 Pacific Highway East, Fife, Washington 98424.

Aerotech. August 15, 2017c. *Groundwater Monitoring Report: 4th Quarter – August 2017*, Fife RV Center, 3410 Pacific Highway East, Fife, Washington 98424.

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• Figures

N

Fife RV Center, Fife (Tacoma), Washington, United States

AEROTECH
ENVIRONMENTAL CONSULTING

REGIONAL MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 12/08/16
By: Nick Gerkin
Figure: 1

N

Fife RV Center, Fife (Tacoma), Washington, United States

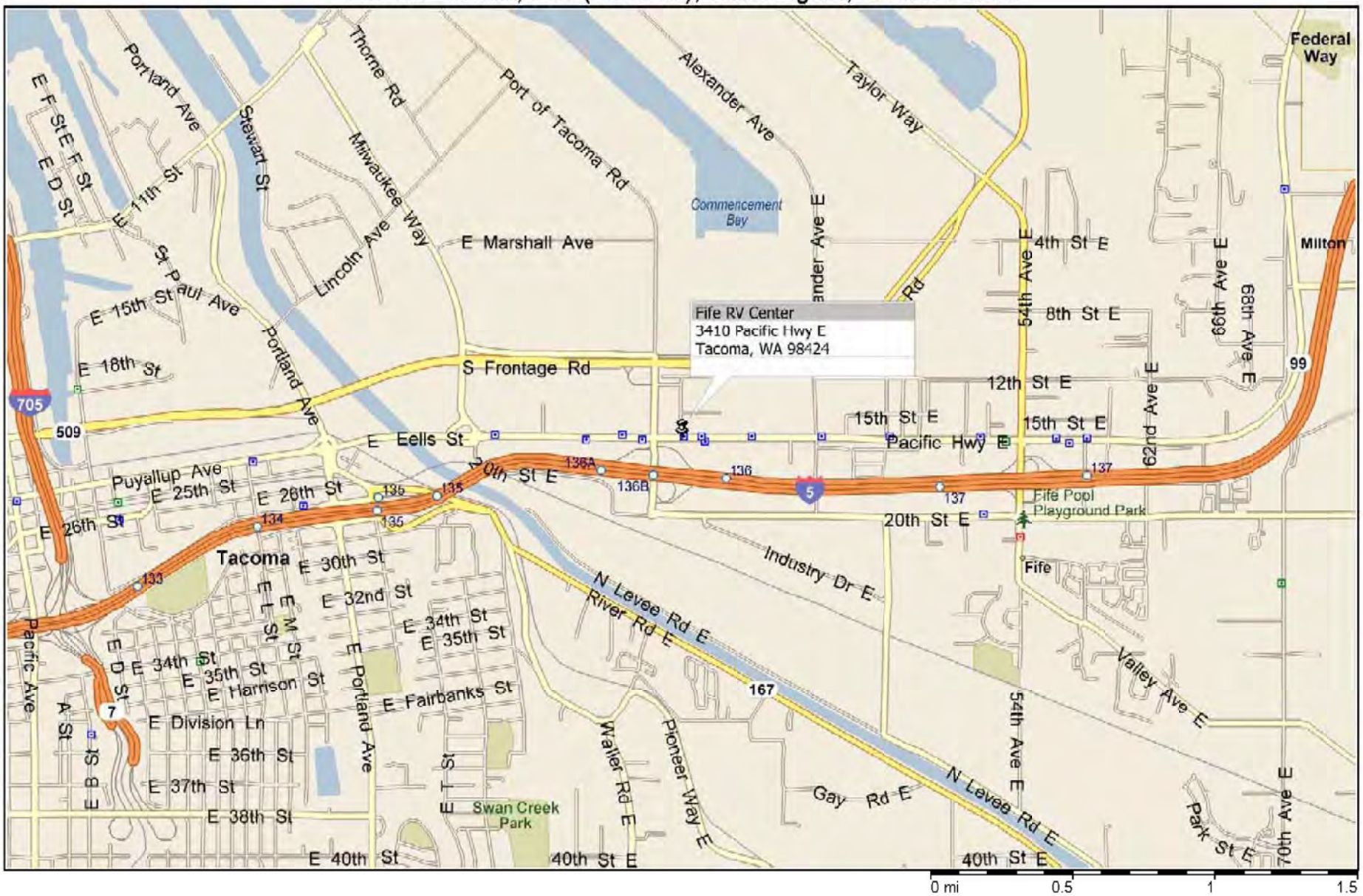

AEROTECH ENVIRONMENTAL CONSULTING	**NEIGHBORHOOD STREET MAP**	**Fife RV Center** **3410 Pacific Highway East** **Fife, Washington**		**Date:** 12/08/16 **By:** Nick Gerkin **Figure:** 2

EXPLANA^ '/~

- — - — - ·	Parcel Property Boundar&		ˇ#ea of Focus
032011067	Pierce County Parcel ˇ umber		

AEROTECH ENVIRONMENTAL CONSULTING

SITE VICINITY MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

0 150 300
SCALE ˜ eet)

Date˜ 9/5/18
˜ Justin Foslien
Figure: 3

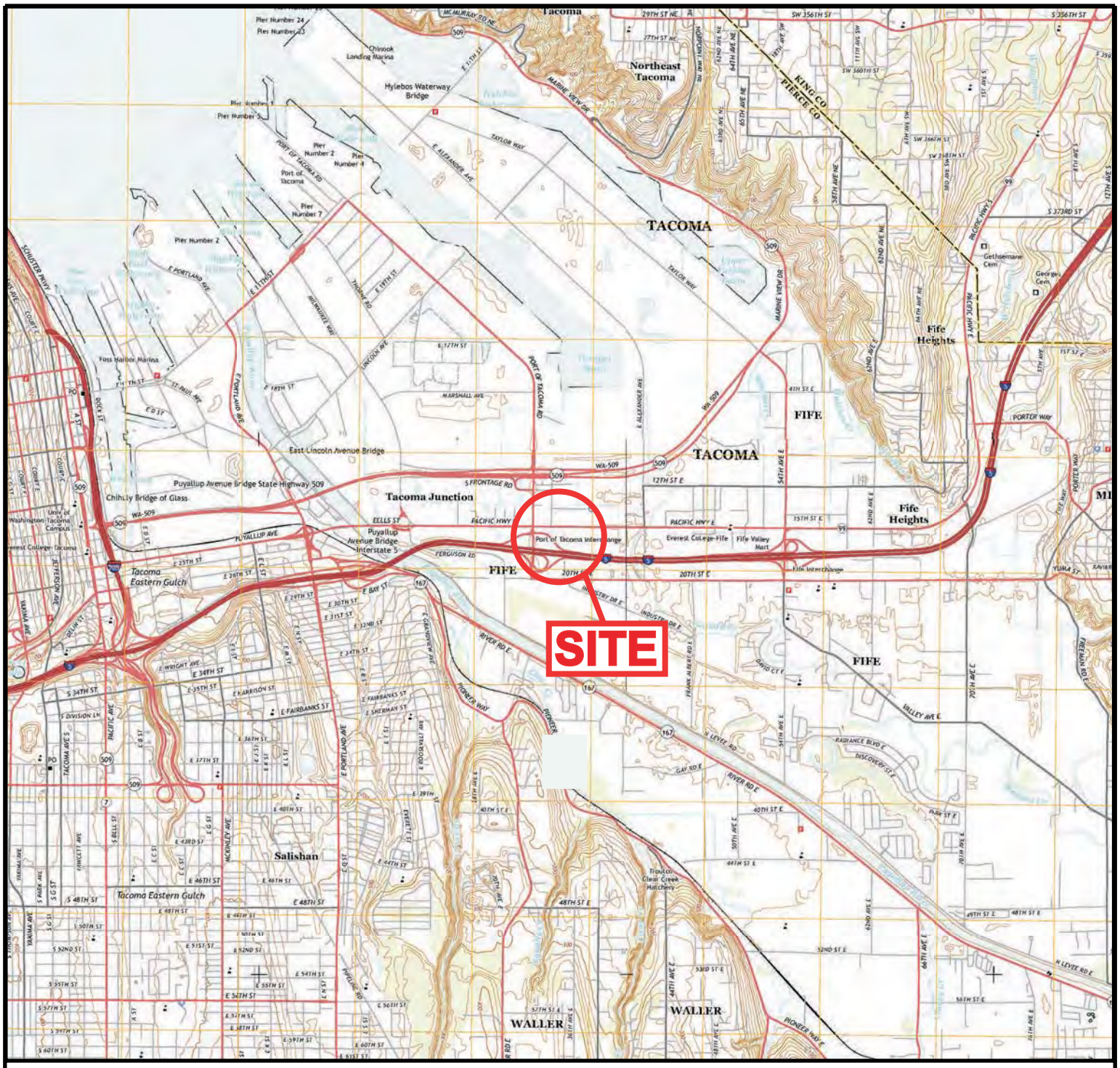

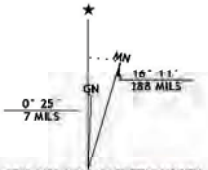

UTM GRID AND 2014 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

0 1 /

SCALE ˜) ile!

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

AEROTECH
ENVIRONMENTAL CONSULTING

USGS TOPOGRAPHIC MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date˜ 10/30/16

˜˜ Nick Gerkin

Figure:

.

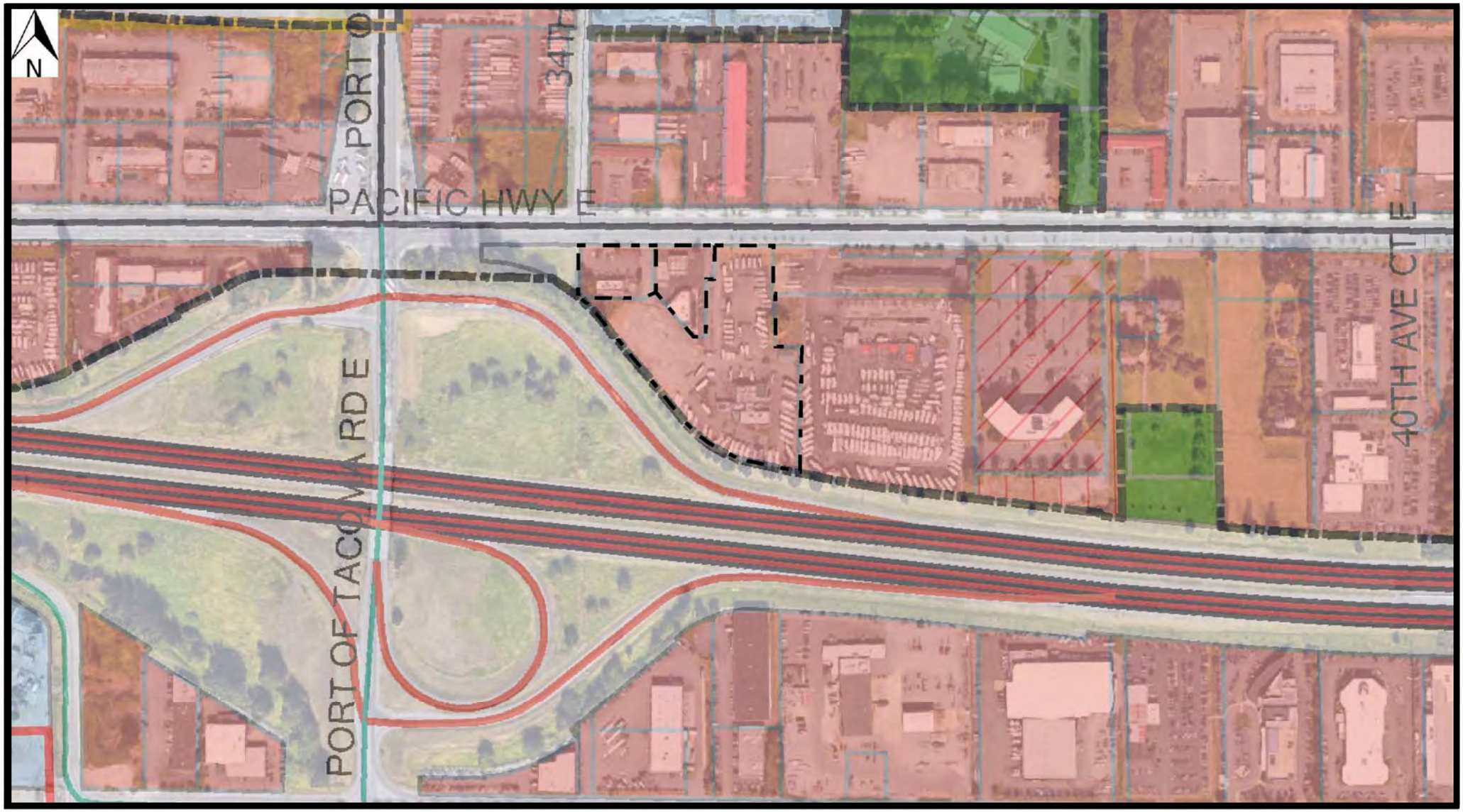

EXPLANATION

Parcel Property Boundary

- PUBLIC USE/OPEN SPACE
- COMMUNITY MIXED USE
- SINGLE FAMILY RESIDENTIAL
- SMALL LOT RESIDENTIAL
- MEDIUM DENSITY RESIDENTIAL
- HIGH DENSITY RESIDENTIAL
- NEIGHBORHOOD RESIDENTIAL
- NEIGHBORHOOD COMMERCIAL
- COMMUNITY COMMERCIAL
- REGIONAL COMMERCIAL
- BUSINESS PARK
- INDUSTRIAL

AEROTECH ENVIRONMENTAL CONSULTING

VICINITY ZONING MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

0 400 800
SCALE (feet)

Date: 11/06/18
By: Nick Gerkin
Figure: 5

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

B' ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

Landscaping

POSSIBLE FORMER
UST BASIN

Discharge to
Drainage Ditch
(3'D Perforated Pipe)

FORMER
PUMP
ISLANDS

BIO-SWALE
POND

MW10

MW2

MW1

TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015

MW11

MW4

FORMER
UST BASINS

MW12

MW3

MW9

DOT CONSTRUCTION AREA
(FUTURE OFF-RAMP)

MW5

Fire
Hydrant

MW6

MW7

MW8

0 15 30
SCALE (feet)

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 Groundwater Monitoring Well

Former Fill Port Location

Property Boundary

Fencing

Storm Sewer

Electrical Utility

Gas Utility

Water Utility

FORMER STATION FEATURES & UTILITIES MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/08/18

By: Nick Gerkin

Figure: 6

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

Landscaping

ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

POSSIBLE FORMER
UST BASIN

Discharge to
Drainage Ditch
(3'D Perforated Pipe)

FORMER
PUMP
ISLANDS

BIO-SWALE
POND

TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015

MW1 MW2 MW3 MW4 MW5 MW6 MW7 MW8 MW9 MW10 MW11 MW12

B1 B2 B3 B4 B5 B6 B7 B8 B9

EB1 EB2 EB3 EB4 EB5 EB6 EB7 EB8 EB9

P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15 P16 P17 P18 P19 P20 P21 P22 P23 P24 P25 P26 P27 P28 P29 P30 P31 P32 P33 P34

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19

Fire
Hydrant

0 15 30
SCALE (feet)

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 Groundwater Monitoring Well

TP19 Excavation Test Pit

2016 Excavation Extent

Soil Boring

Excavation Confirmation

Former Fill Port Location

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

CUMULATIVE SOIL ANALYTICAL RESULTS MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/3/18

By: Justin Foslien

Figure: 7

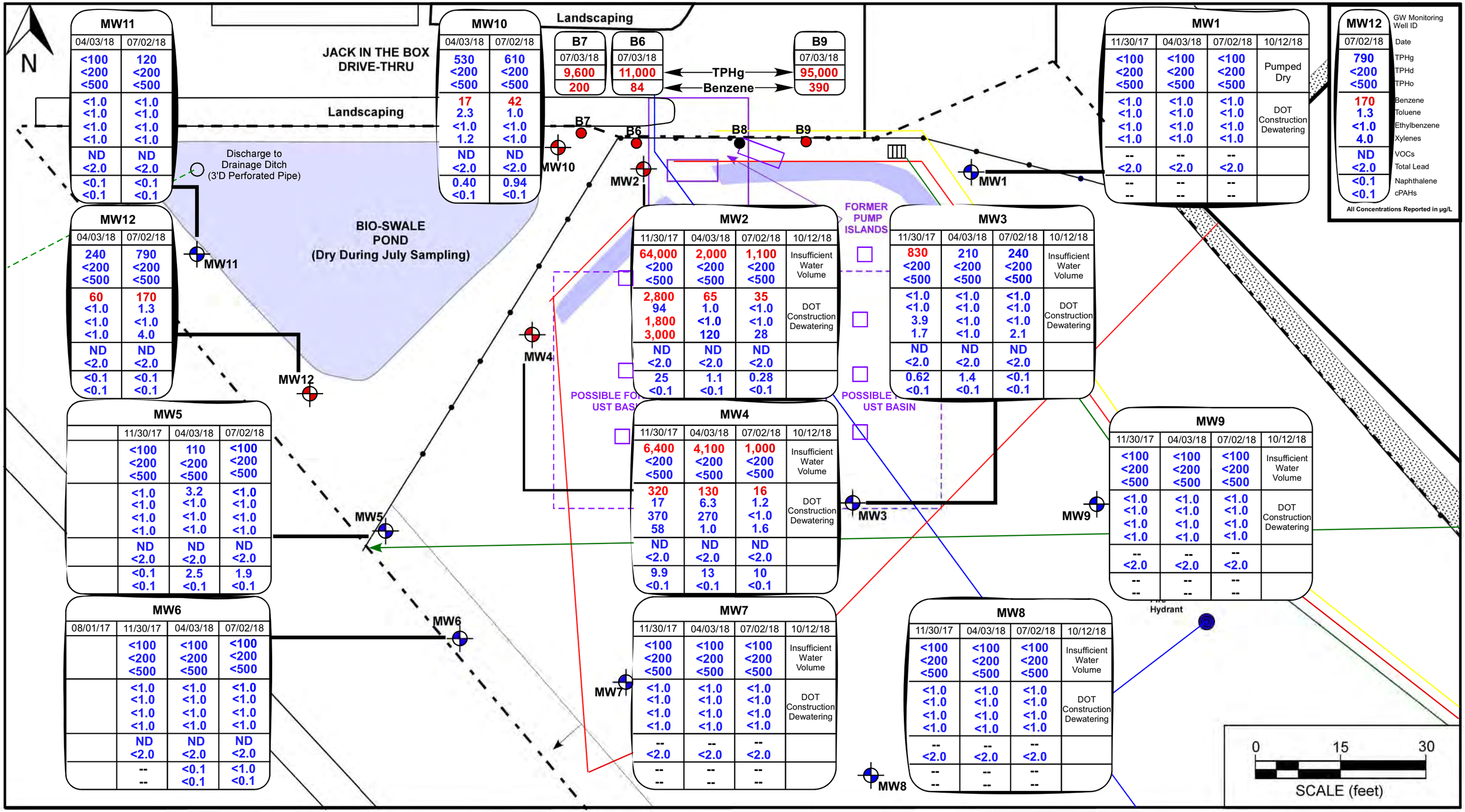

MW11	
04/03/18	07/02/18
<100 <200 <500	120 <200 <500
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
ND <2.0	ND <2.0
<0.1 <0.1	<0.1 <0.1

MW10	
04/03/18	07/02/18
530 <200 <500	610 <200 <500
17 2.3 <1.0 1.2	42 1.0 <1.0 <1.0
ND <2.0	ND <2.0
0.40 <0.1	0.94 <0.1

B7	B6	B9
07/03/18	07/03/18	07/03/18
9,600	11,000	95,000
200	84	390

MW1			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Pumped Dry
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

MW12	GW Monitoring Well ID
07/02/18	Date
790	TPHg
<200	TPHd
<500	TPHo
170	Benzene
1.3	Toluene
<1.0	Ethylbenzene
4.0	Xylenes
ND	VOCs
<2.0	Total Lead
<0.1	Naphthalene
<0.1	cPAHs

All Concentrations Reported in µg/L

MW12	
04/03/18	07/02/18
240 <200 <500	790 <200 <500
60 <1.0 <1.0 <1.0	170 1.3 <1.0 4.0
ND <2.0	ND <2.0
<0.1 <0.1	<0.1 <0.1

MW2			
11/30/17	04/03/18	07/02/18	10/12/18
64,000 <200 <500	2,000 <200 <500	1,100 <200 <500	Insufficient Water Volume
2,800 94 1,800 3,000	65 1.0 <1.0 120	35 <1.0 <1.0 28	DOT Construction Dewatering
ND <2.0	ND <2.0	ND <2.0	
25 <0.1	1.1 <0.1	0.28 <0.1	

MW3			
11/30/17	04/03/18	07/02/18	10/12/18
830 <200 <500	210 <200 <500	240 <200 <500	Insufficient Water Volume
<1.0 <1.0 3.9 1.7	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 2.1	DOT Construction Dewatering
ND <2.0	ND <2.0	ND <2.0	
0.62 <0.1	1.4 <0.1	<0.1 <0.1	

MW5		
11/30/17	04/03/18	07/02/18
<100 <200 <500	110 <200 <500	<100 <200 <500
<1.0 <1.0 <1.0 <1.0	3.2 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
ND <2.0	ND <2.0	ND <2.0
<0.1 <0.1	2.5 <0.1	1.9 <0.1

MW4			
11/30/17	04/03/18	07/02/18	10/12/18
6,400 <200 <500	4,100 <200 <500	1,000 <200 <500	Insufficient Water Volume
320 17 370 58	130 6.3 270 1.0	16 1.2 <1.0 1.6	DOT Construction Dewatering
ND <2.0	ND <2.0	ND <2.0	
9.9 <0.1	13 <0.1	10 <0.1	

MW9			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Insufficient Water Volume
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

MW6			
08/01/17	11/30/17	04/03/18	07/02/18
	<100 <200 <500	<100 <200 <500	<100 <200 <500
	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
	ND <2.0	ND <2.0	ND <2.0
	--<br--	<0.1 <0.1	<1.0 <0.1

MW7			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Insufficient Water Volume
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

MW8			
11/30/17	04/03/18	07/02/18	10/12/18
<100 <200 <500	<100 <200 <500	<100 <200 <500	Insufficient Water Volume
<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	DOT Construction Dewatering
-- <2.0	-- <2.0	-- <2.0	
--<br--	--<br--	--<br--	

Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 — Groundwater Monitoring Well

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

All other analytes were not detected at or above the Laboratory Minimum Reporting Llimits

GROUNDWATER ANALYTICAL RESULTS MAP - 07/02/18

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 07/30/18

By: Nick Gerkin

Figure: 8

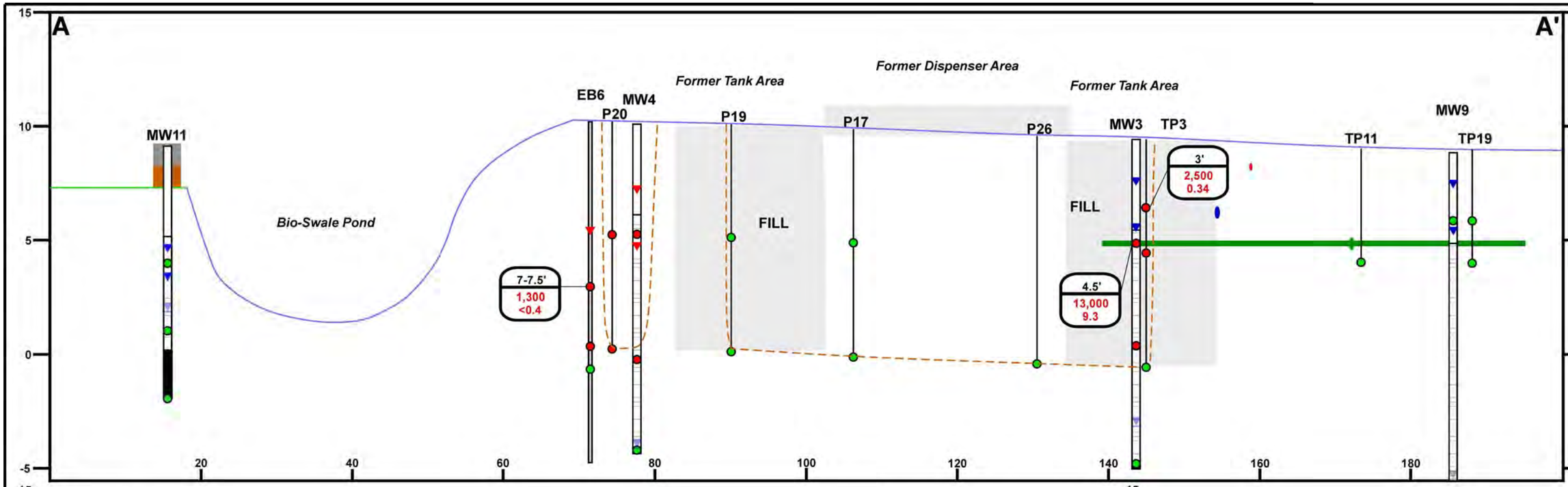

Gasoline & Benzene Concentrations > 1,000 TPHg (mg/kg) and/or > 1 (mg/kg) Benzene in Soil

7-7.5' Depth
1,300 TPHg
1,300 Benzene

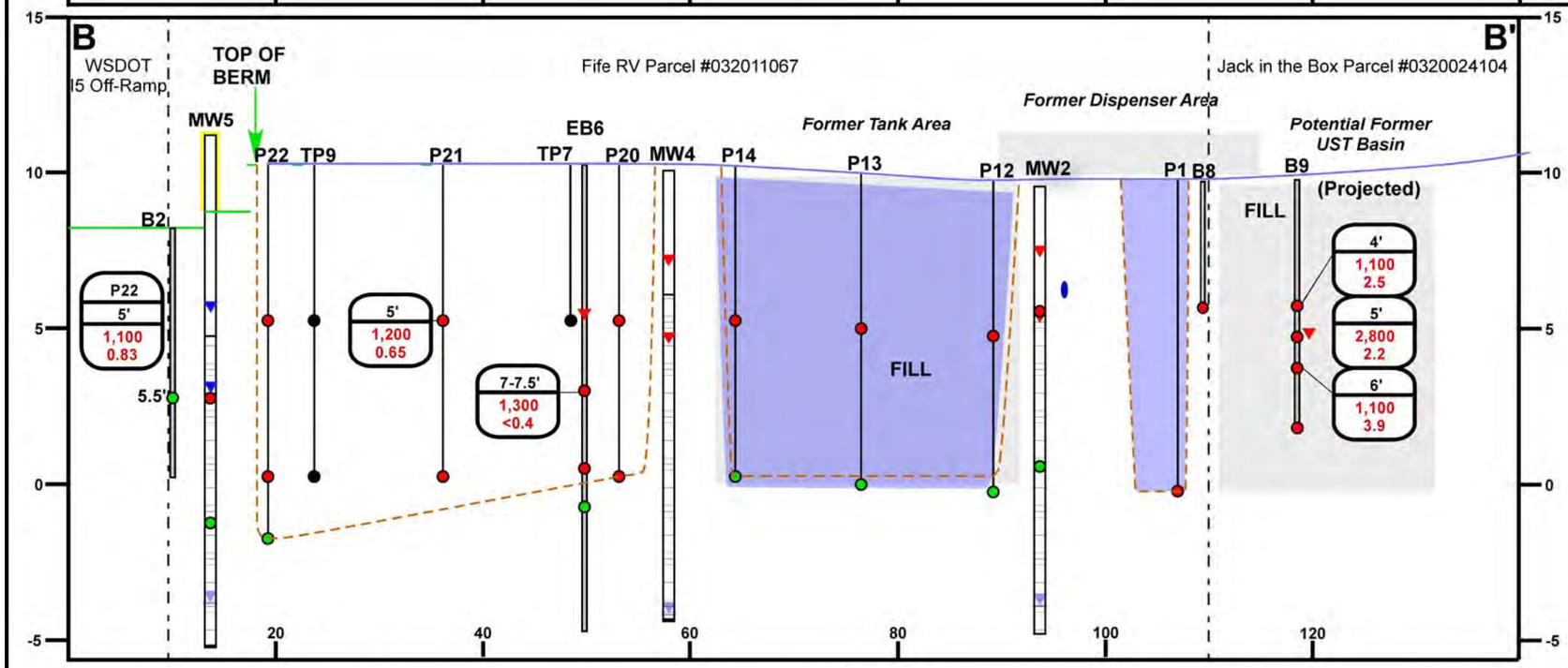

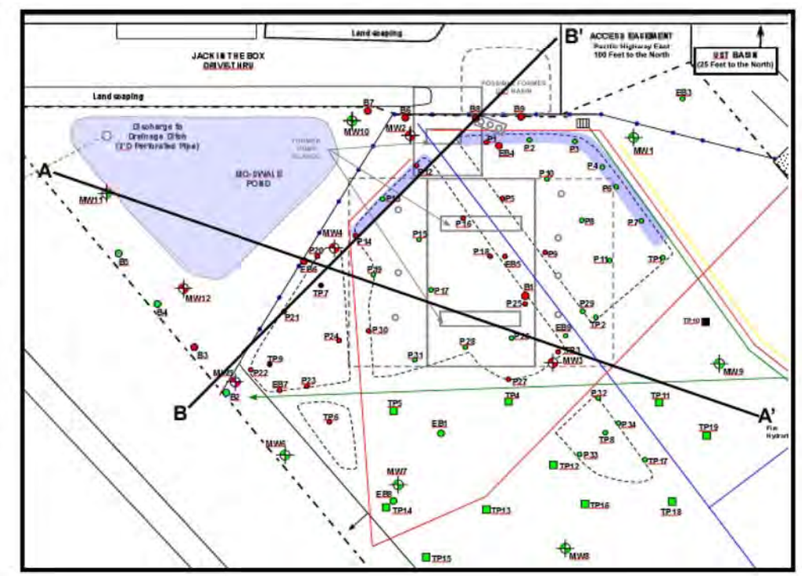

-Horizontal Distances in Feet
-Elevations in Feet Above MSL
-3X Vertical Exaggeration

AEROTECH
ENVIRONMENTAL CONSULTING

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

Black numbers and symbols indicate historic concentrations above the MTCA Method A Cleanup Levels that have subsequently been confirmed or excavated

Cool Guard HRL36 Liner Installed to 10-foot Depth

EXPLANATION

Historical Water Level (Highs & Lows)

Extent of Excavation

Screened Interval

20' Soil Sample Location

SP

SM/ML

10/12/18 Water Level

Electrical Line

Water Line

Sewer Line

CROSS SECTIONS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/10/18

By: Nick Gerkin

Figure: 9

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

Landscaping

ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

PUMP ISLANDS
(50 Feet to the North)

TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015

Water surface presumed to be at or near groundwater table and hydraulically connected by a 3' diameter perforated pipe leading to additional subsurface piping to the adjoining Drainage Ditch to the southwest

BIO-SWALE
POND
(Dry During July Sampling)

B7
B6
B8
B9

MW10
5.04

MW2
5.36

MW1
5.66

MW11
3.18

MW12
3.28

MW4
4.89

FORMER
PUMP
ISLANDS

POSSIBLE FORMER
UST BASIN

POSSIBLE FORMER
UST BASIN

MW3
5.65

MW9
5.59

MW5
3.37

5.5

3.5

4.0

MW6
4.49

4.5

Fire
Hydrant

DRAINAGE DITCH

Flows to
Hylebos Creek

MW7
4.81

5.0

MW8
5.34

0 15 30
SCALE (feet)

Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 — Groundwater Monitoring Well

3.28 — Groundwater Elevation in Feet

Groundwater Elevation Contour Line (Isopotential Line)

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

Storm Sewer

Electrical Utility

Gas Utility

Water Utility

POTENTIOMETRIC SURFACE MAP 07/02/18

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 07/30/18

By: Nick Gerkin

Figure: 10

N

Landscaping

JACK IN THE BOX
DRIVE-THRU

Landscaping

B'

ACCESS EASEMENT
Pacific Highway East
100 Feet to the North

UST BASIN
(25 Feet to the North)

POSSIBLE FORMER
UST BASIN

B7

B6

B9

MW10
1.52

MW2

MW1
-3.84

Discharge to
Drainage Ditch
(3'D Perforated Pipe)

FORMER
PUMP
ISLANDS

BIO-SWALE
POND

MW11
1.94

MW4

1

MW12
0.70

0

-1

-2

-3

MW5
-3.75

COMPACTED GRAVEL STAGING AREA
(up to Fife RV Property Line)

MW3

MW9

MW6
-3.90

MW7

Fire
Hydrant

MW8

Calculated Groundwater Flow
Direction and Gradient:

0.071 ft/ft

0 15 30
SCALE (feet)

Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW12 — Groundwater Monitoring Well

Former Fill Port Location

Fencing

Cool Guard HRL36 Liner
Installed to 10-Foot Depth

Property Boundary

Storm Sewer

Electrical Utility

Gas Utility

Water Utility

POTENTIOMETRIC SURFACE MAP 10/12/18

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/06/18

By: Nick Gerkin

Figure: 11

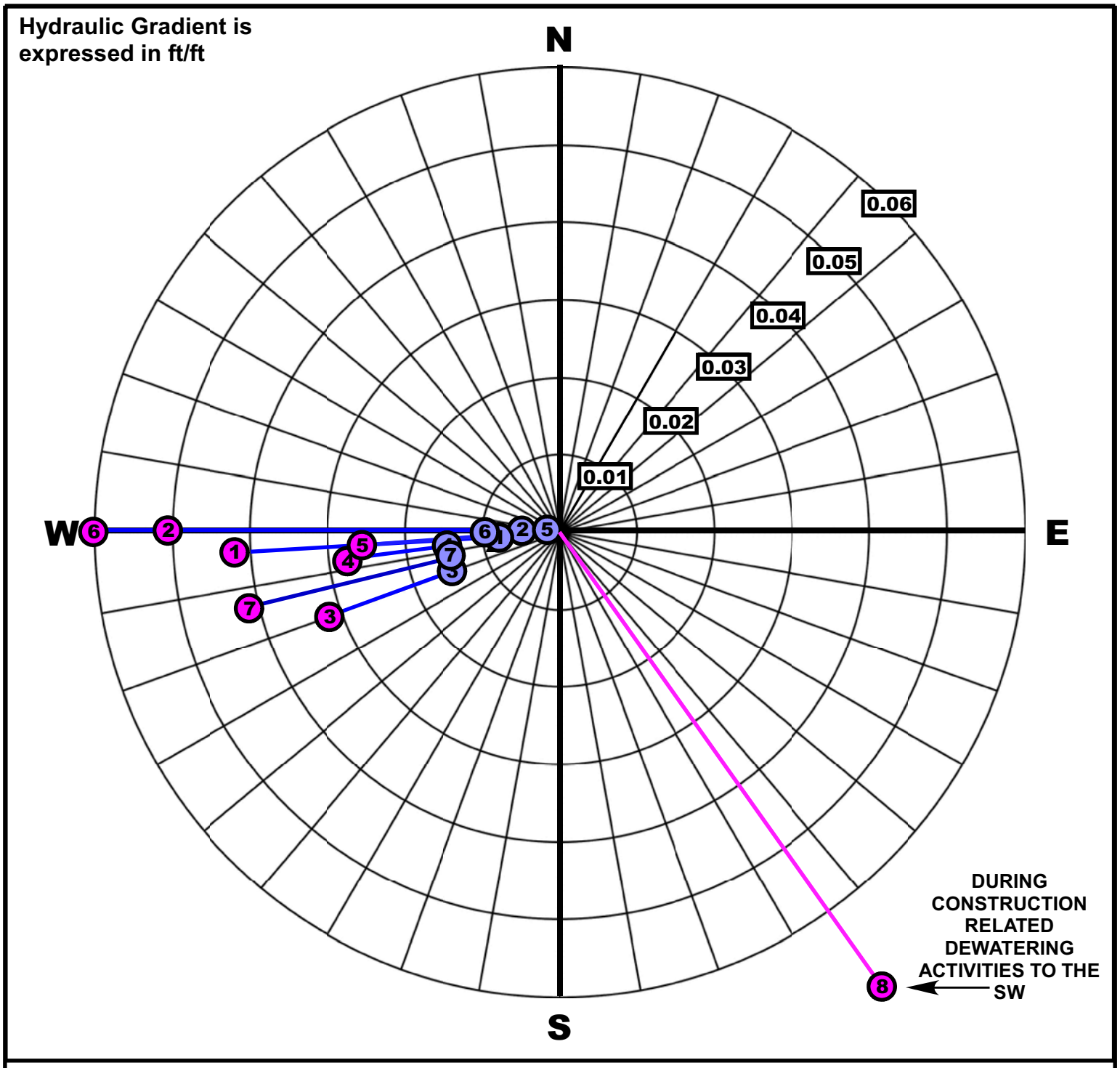

HYDRAULIC GRADIENT RANGE AND SHALLOW GROUNDWATER FLOW DIRECTION

1	11/18/16	5	11/30/17
2	02/20/17	6	04/03/18
3	05/23/17	7	07/02/18
4	08/01/17	8	10/12/18

2 Maximum Calculated Gradient

2 Minimum Calculated Gradient

AEROTECH ENVIRONMENTAL CONSULTING

ROSE DIAGRAM

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/06/18
By: Nick Gerkin
Figure: 12

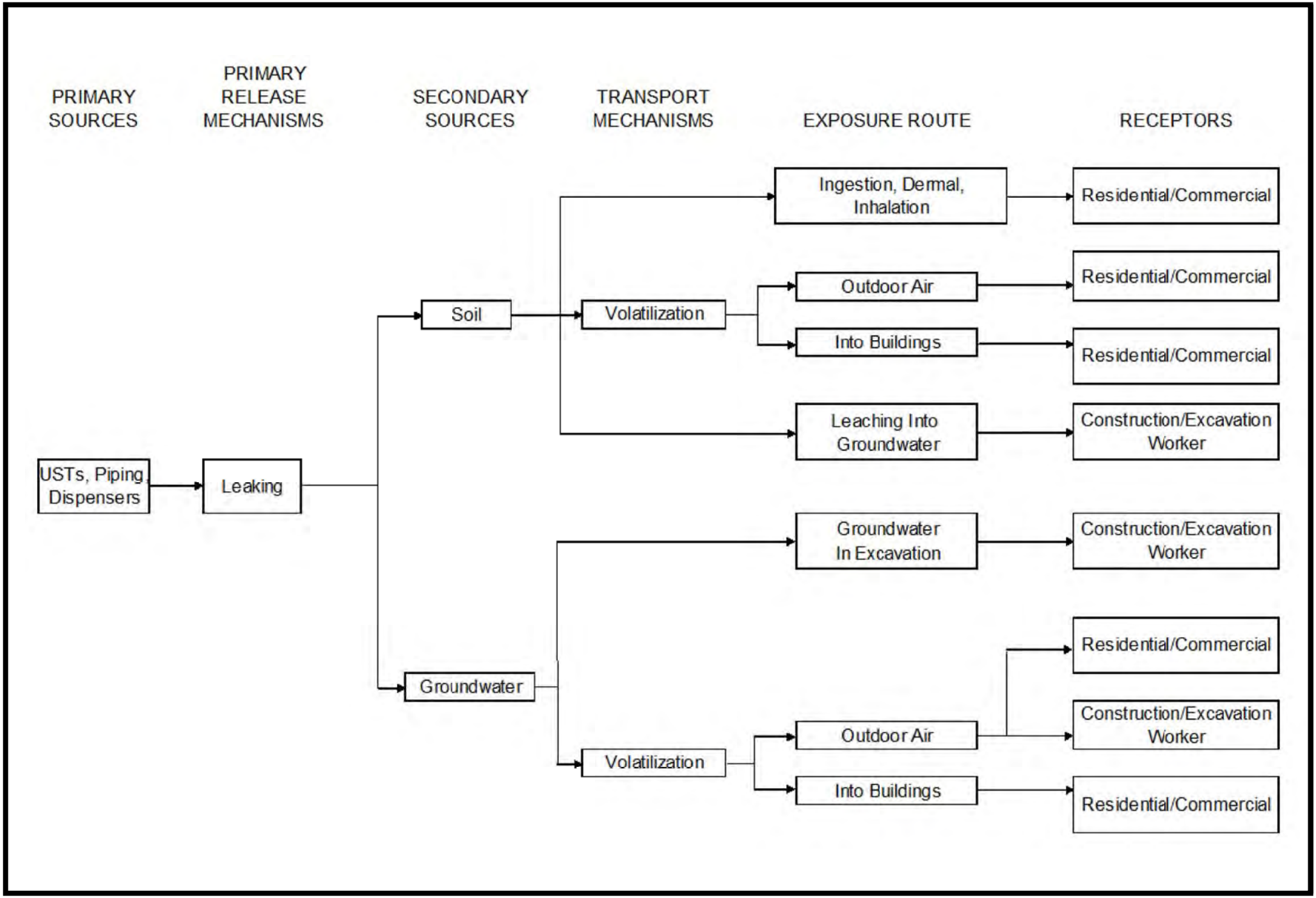

AEROTECH ENVIRONMENTAL CONSULTING

CONCEPTUAL SITE MODEL

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/09/18
By: Nick Gerkin
Figure: 13

• Tables

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Associated Earth Sciences, Inc. - Supplemental Phase II Environmental Site Assessment - January 24, 2014

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Total Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EB 1 2.5-3.5'	EB1	12/19/13	2.5 - 3.5	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 1 9.5-10'	EB1	12/19/13	9.5 - 10	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 2 8.5'	EB2	12/19/13	9	<20	<50[5]	<250[5]	<0.02[4]	<0.02[4]	<0.02[4]	<0.06[4]	--	--	--	--	--	--	--	--	--
EB 3 4-5'	EB3	12/19/13	4 - 5	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 4 4-5'[1]	EB4	12/19/13	4 - 5	**2,000**	660[3,5]	<250[5]	**1.8**	**9.6**	**41**	**120**	--	--	--	--	--	--	--	--	12.3
EB 4 6.5-7.5'	EB4	12/19/13	6.5 - 7.5	3.9	<50[5]	<250[5]	<0.02	0.031	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 5 4-5'	EB5	12/19/13	4 - 5	**730**	220[3,5]	<250[5]	**1.4**	4.3	**12**	**50**	--	--	--	--	--	--	--	--	--
EB 5 5.5-6.5'	EB5	12/19/13	5.5 - 6.5	**100**	<50[3,5]	<250[5]	**0.27**	0.75	0.27	0.89	--	--	--	--	--	--	--	--	7.08
EB 5 6.5-7.5'	EB5	12/19/13	6.5 - 7.5	22	<50[5]	<250[5]	**0.41**	0.25	0.038	<0.06	--	--	--	--	--	--	--	--	--
EB 5 9-10'	EB5	12/19/13	9 - 10	**1,300**	560[3,5]	--	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 6 7-7.5'	EB6	12/19/13	7 - 7.5	--	--	<250[5]	**<0.4**	**8**	**16**	5.1	--	--	--	--	--	--	--	--	9
EB 6 9.5-10'	EB6	12/19/13	9.5 - 10	5.7	<50[5]	<250[5]	**0.66**	<0.02	0.035	0.2	--	--	--	--	--	--	--	--	--
EB 6 10-11'	EB6	12/19/13	10 - 11	--	--	--	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 7 5.5-6'	EB7	12/19/13	5.5 - 6	<2	<50[5]	<250[5]	0.027	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 8 4-5'	EB8	12/19/13	4 - 5	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 8 8-9'	EB8	12/19/13	8 - 9	<20	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 9 3-4'	EB9	12/19/13	3 - 4	4	--	--	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
EB 10 4-4.5'	EB10	12/19/13	4 - 4.5	<2	<50[5]	<250[5]	<0.02	<0.02	<0.02	<0.06	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Site Remedial Excavation Report - November 1, 2016

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P1(10')	P1	10/03/16	10	9.0	<20	<50	**0.096**	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P2(5')	P2	10/03/16	5	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P3(10')	P3	10/03/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P4(5')	P4	10/03/16	5	8.5	<20	<50	<0.020	<0.050	0.10	<0.050	--	--	--	--	--	--	--	--	--
P5(5')	P5	10/03/16	5	**53**	<20	<50	**0.16**	0.071	0.84	0.15	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	7.8
P5(10')	P5	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P6(10')	P6	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P7(3')	P7	10/04/16	3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P8(10')	P8	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	
P9(5')	P9	10/04/16	5	**110**	<20	<50	**0.15**	<0.050	5.1	<0.050	--	--	--	--	--	--	--	--	5.2
P9(10')	P9	10/04/16	10	23	<20	<50	<0.020	<0.050	0.34	<0.050	--	--	--	--	--	--	--	--	--
P10(10')	P10	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P11(10')	P11	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P12(5')	P12	10/05/16	5	**100**	<20	<50	**0.42**	0.18	1.7	0.54	--	--	--	--	--	--	--	--	--
P12(10')	P12	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P13(5')	P13	10/05/16	5	6.7	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P13(10')	P13	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P14(5')	P14	10/05/16	5	**60**	<20	<50	**0.15**	0.17	0.096	0.16	--	--	--	--	--	--	--	--	--
P14(10')	P14	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P15(10')	P15	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Site Remedial Excavation Report - November 1, 2016 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P16(5')	P16	10/06/16	5	**1,100**	<20	<50	**0.72**	0.072	**7.5**	**32**	--	--	--	--	--	--	--	--	7.0
P16(10')	P16	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P17(5')	P17	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P17(10')	P17	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P18(5')	P18	10/06/16	5	**130**	--	--	**0.29**	<0.050	1.5	2.4	--	--	--	--	--	--	--	--	--
P18(10')	P18	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P19(5')	P19	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P19(10')	P19	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP1(5')	TP1	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP2(5')	TP2	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP2(10')	TP2	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP3(3')	TP3	10/06/16	3	**2,500**	--	--	**0.34**	0.35	**15**	**10**	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
TP3(5')	TP3	10/06/16	5	**650**	--	--	**0.53**	5.3	**7.5**	**7.3**	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
TP3(10')	TP3	10/06/16	10	27	--	--	<0.020	<0.050	0.18	0.25	--	--	--	--	--	--	--	--	--
TP4(3')	TP4	10/06/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP4(5')	TP4	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP4(10')	TP4	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP5(5')	TP5	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP5(10')	TP5	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP6(5')	TP6	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP6(10')	TP6	10/06/16	10	12	--	--	**0.071**	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP7(5')[1]	TP7	10/06/16	5	**690**	<20	<50	**0.90**	1.9	**32**	0.33	--	--	--	--	--	--	--	--	--
TP8(3')[1]	TP8	10/06/16	3	**60**	--	--	<0.020	<0.050	1.2	<0.050	--	--	--	--	--	--	--	--	--
TP8(5')	TP8	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP9(5')[1]	TP9	10/06/16	5	**6,090**	<20	<50	**4.0**	4.0	**66**	**130**	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
TP9(10')[1]	TP9	10/06/16	10	**240**	--	--	**0.59**	1.5	1.6	3.7	--	--	--	--	--	--	--	--	--
TP11(5')	TP11	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP12(5')	TP12	10/06/16	5	18	--	--	<0.020	<0.050	<0.050	0.082	--	--	--	--	--	--	--	--	--
TP13(5')	TP13	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP14(5')	TP14	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP14(10')	TP14	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP15(5')	TP15	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP15(10')	TP15	10/07/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP16(3')	TP16	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP16(5')	TP16	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP17(3')	TP17	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP17(5')	TP17	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP18(3')	TP18	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(3')	TP19	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(5')	TP19	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P20(5')	P20	10/20/16	5	**57**	--	--	**0.065**	0.101	0.15	0.16	--	--	--	--	--	--	--	--	--
P20(10')	P20	10/20/16	10	20	--	--	**0.24**	<0.050	0.09	0.084	--	--	--	--	--	--	--	--	--
P21(5')	P21	10/20/16	5	**1,200**	--	--	**0.65**	0.59	**8.1**	**24**	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Site Remedial Excavation Report - November 1, 2016 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP18(3')	TP18	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(3')	TP19	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
TP19(5')	TP19	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P20(5')	P20	10/20/16	5	**57**	--	--	**0.065**	0.101	0.15	0.16	--	--	--	--	--	--	--	--	--
P20(10')	P20	10/20/16	10	20	--	--	**0.24**	<0.050	0.09	0.084	--	--	--	--	--	--	--	--	--
P21(5')	P21	10/20/16	5	**1,200**	--	--	**0.65**	0.59	**8.1**	**24**	--	--	--	--	--	--	--	--	--
P21(10')	P21	10/20/16	10	**66**	--	--	**0.11**	0.14	0.34	0.74	--	--	--	--	--	--	--	--	--
P22(5')	P22	10/20/16	5	**1,100**	--	--	**0.83**	1.9	**20**	**7.9**	--	--	--	--	--	--	--	--	--
P22(10')	P22	10/20/16	10	**34**	--	--	0.029	<0.050	0.43	0.19	--	--	--	--	--	--	--	--	--
P22(12')	P22	10/20/16	12	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P23(5')	P23	10/20/16	5	**760**	--	--	**0.46**	0.74	4.8	2.4	--	--	--	--	--	--	--	--	--
P23(10')	P23	10/20/16	10	16	--	--	<0.020	<0.050	0.22	0.10	--	--	--	--	--	--	--	--	--
P24(5')	P24	10/20/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P24(10')	P24	10/20/16	10	**50**	--	--	**0.26**	<0.050	1.5	0.86	--	--	--	--	--	--	--	--	--
P25(5')	P25	10/21/16	5	**5,200**	--	--	**4.6**	**25**	**35**	**230**	--	--	--	--	--	--	--	--	--
P25(10')	P25	10/21/16	10	**350**	--	--	**0.16**	3.4	1.6	**16**	--	--	--	--	--	--	--	--	--
P26(10')	P26	10/21/16	10	12	--	--	<0.020	<0.050	<0.050	0.41	--	--	--	--	--	--	--	--	--
P27(5')	P27	10/21/16	5	**58**	--	--	<0.020	<0.050	0.095	0.39	--	--	--	--	--	--	--	--	--
P28(5')	P28	10/21/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P28(10')	P28	10/21/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P29(3')	P29	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P30(5')	P30	10/24/16	5	**200**	--	--	**0.086**	0.19	0.28	0.40	--	--	--	--	--	--	--	--	--
P30(10')	P30	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P31(10')	P31	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P32(3')	P32	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P33(3')	P33	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
P34(3')	P34	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Groundwater Monitoring Well Installation Report - November 17, 2016

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-1 (4.5')	MW-1	11/10/16	4.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-1 (10')	MW-1	11/10/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-2 (4')	MW-2	11/10/16	4	**250**	--	--	**0.53**	0.54	3.8	0.84	--	--	--	--	--	--	--	--	--
MW-2 (9')	MW-2	11/10/16	9	24	--	--	<0.020	0.065	0.6	0.16	--	--	--	--	--	--	--	--	--
MW-3 (4.5')	MW-3	11/10/16	4.5	**13,000**	--	--	**9.3**	2.6	**470**	5.4	--	--	--	--	--	--	--	--	--
MW-3 (9')	MW-3	11/10/16	9	**51**	--	--	<0.020	<0.050	0.27	0.096	--	--	--	--	--	--	--	--	--
MW-3 (14.5')	MW-3	11/10/16	14.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-4 (5')	MW-4	11/10/16	5	**55**	--	--	**0.061**	0.27	0.22	0.2	--	--	--	--	--	--	--	--	--
MW-4 (10.5)	MW-4	11/10/16	10.5	**150**	--	--	**0.51**	1.2	1.1	1.7	--	--	--	--	--	--	--	--	--
MW-4 (14.5)	MW-4	11/10/16	14.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Groundwater Monitoring Well Installation Report - November 17, 2016 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-5 (6')	MW-5	11/10/16	6	**34**	--	--	**0.090**	0.66	0.25	0.31	--	--	--	--	--	--	--	--	--
MW-5 (10')	MW-5	11/10/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-6 (9')	MW-6	11/11/16	9	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW-6 (10.5')	MW-6	11/11/16	10.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Upgradient Delineation Groundwater Monitoring Well Installation Report - August 16, 2017

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1(5)	B1	07/13/17	5	**1,200**	350[2]	<50	**2.1**	2.4	**51**	**26**	<0.005	<0.02	<0.1	**0.22**	**0.29**	0.97	0.0068	<0.20	14
B1(9)	B1	07/13/17	9	--	--	--	--	--	--	--	<0.005	<0.02	<0.1	<0.02	<0.02	--	--	--	--
MW7(11)	MW7	07/13/17	11	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW8(5)	MW8	07/13/17	5	--	<20	<50	--	--	--	--	--	--	--	--	--	--	--	--	--
MW8(10)	MW8	07/13/17	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	2.9
MW9(3)	MW9	07/13/17	3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	37
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Downgradient Groundwater Monitoring Well Installation Report - April 27, 2018

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW10(4)	MW10	02/23/18	4	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	<0.005	<0.02	<0.1	<0.02	<0.02	<0.10	<0.10	<0.20	5.3
MW10(9)	MW10	02/23/18	9	14	<20	<50	<0.020	<0.050	0.110	<0.050	<0.005	<0.02	<0.1	<0.02	<0.02	<0.10	<0.10	<0.20	6.9
MW10(14)	MW10	02/23/18	14	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW11(3.3)	MW11	02/23/18	3.3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	<0.005	<0.02	<0.1	<0.02	<0.02	<0.10	<0.10	<0.20	16
MW11(6.3)	MW11	02/23/18	6.3	6.3	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW11(9.3)	MW11	02/23/18	9.3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW12(4.5)	MW12	02/23/18	4.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	<0.10	<0.10	--	7.9
MW12(7)	MW12	02/23/18	7	**32**	<20	<50	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MW12(12.5)	MW12	02/23/18	12.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B2(5.5)	B2	07/03/18	5.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
B3(7)	B3	07/03/18	7	**70**	--	--	**0.070**	0.16	2.4	0.99	--	--	--	--	--	--	--	--	--
B3(12)	B3	07/03/18	12	6.4	--	--	<0.020	<0.050	0.075	<0.050	--	--	--	--	--	--	--	--	--
B4(6)	B4	07/03/18	6	9.2	--	--	<0.020	<0.050	0.075	<0.050	--	--	--	--	--	--	--	--	--
B5(3.5)	B5	07/03/18	3.5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
B5(6)	B5	07/03/18	6	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--	--	--	--	--	--	--	--	--
B6(6)	B6	07/03/18	6	**190**	--	--	**0.59**	1.2	3.1	1.1	--	--	--	--	--	--	--	--	--
B6(7)	B6	07/03/18	7	**120**			**0.12**	0.32	4.2	<0.050	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018 (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	MTBE	Methylene Chloride	TCE	Naph-thalene	PAHs	PCBs	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B7(5)	B7	07/03/18	5	**2,400**	--	--	**0.48**	1.6	**20**	**34**	--	--	--	--	--	--	--	--	--
B7(7)	B7	07/03/18	7	**920**	--	--	**6.0**	0.86	**14**	**7.0**	--	--	--	--	--	--	--	--	--
B8(4)	B8	07/03/18	4	**350**	--	--	**0.70**	1.4	3.0	1.6	--	--	--	--	--	--	--	--	--
B9(4)	B9	07/03/18	4	**1,200**	--	--	**2.5**	2.8	7.4	1.8	--	--	--	--	--	--	--	--	--
B9(5)	B9	07/03/18	5	**2,800**	--	--	**2.2**	2	**13**	**26**	--	--	--	--	--	--	--	--	--
B9(6)	B9	07/03/18	6	**1,100**	--	--	**3.9**	2.0	**23**	4.4	--	--	--	--	--	--	--	--	--
B9(8)	B9	07/03/18	8	24	--	--	<0.020	<0.050	0.49	0.11									
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	0.005	0.0232*	0.1	0.02	0.03	5	0.1^	1	250

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface mg/kg = milligram of analyte per kilogram of soil j
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Benzene , Toluene, Ethylbenzene, Xylenes by EPA Method 8021B
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
MTBE = Methyl-tert-butyl-ether EDC = 1,2-Dichloroethane EDB = 1,2-Dibromoethane TCE = Trichloroethene Methylene Chloride; by EPA Method 8260B
Lead by EPA Method 7010
ND = Not Detected (minimum detection limit unknown)
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for soil
* = Method B Cleanup Level, Ecology does not have a Method A Cleanup Level designated for EDC
1 = Soil from which this sample originated was removed during the Remedial Excavation
2 = Unidentifiable petroleum product in diesel range, possibly creosote (see lab report for further detail and chromatograph)
3 = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
4 = The sample was received in a container not approved by the method. The value reported should be considered an estimate.
5 = The sample extract was passed through a silica gel column prior to analyses.
^ = Effective concentration using Toxic Equivalency Factor per WAC 173-340-708{e}: SUM(Benzo(a)pyrene (x1), Benzo(a)anthracine (x0.1), Benzo(b)fluoranthene (x0.1), Benzo(k)fluoranthene (x0.1), Chrysene (x0.01), Dibenz(a,h)anthracene (x0.1), Indeno(1,2,3-cd)pyrene (x0.1)

TABLE 2
SURFACE WATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018

Sample ID	Location Description	Sampling Date	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl- benzene	Total Xylenes
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
POND-NE	NE BioSwale - Down the Bank from MW10	02/23/18	140	--	--	<1.0	<1.0	1.3	<1.0
POND-EXIT	Perforated Casing Where BioSwale Water Exits to SW Drainiage Ditch	02/23/18	<100	--	--	<1.0	<1.0	<1.0	<1.0
MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface µg/L = microgram of analyte per liter of water
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Benzene, Toluene, Ethylbenzene, and Total Xylenes
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for surface Water.

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW1

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.4	11/18/16	1.37	8.37	7.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	1.19	8.37	7.18	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	1.72	8.37	6.65	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	2.92	8.37	5.45	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	1.37	8.37	7.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	04/03/18	1.97	8.37	6.40	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	2.71	8.37	5.66	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	12.21	8.37	-3.84	Pumped Dry During Low-Flow Sampling Procedures - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160	0.1	15	15

MW2

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.2	11/18/16	2.53	9.40	6.87	**18,000**	<200	<500	**470**	18	210	200	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	2.25	9.40	7.15	**29,000**	<200	<500	**720**	26	490	700	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	3.02	9.40	6.38	**10,000**	<200	<500	**300**	18	93	400	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	4.40	9.40	5.00	**25,000**	<200	<500	**980**	62	540	**1,300**	<0.01	<1.0	<5.0	ND	4.3	<0.1	--	<2.0
	11/30/17	2.43	9.40	6.97	**64,000**	<200	<500	**2,800**	94	**1,800**	**3,000**	<0.01	<1.0	<5.0	ND	25	<0.1	--	<2.0
	04/03/18[1]	3.32	9.57	6.25	**2,000**	<200	<500	**65**	1	<1.0	120	<0.01	<1.0	<5.0	ND	1.1	<0.1	--	<2.0
	07/03/18	4.21	9.57	5.36	**1,100**	<200	<500	**35**	<1.0	<1.0	28	<0.01	<1.0	<5.0	ND	0.28	<0.1	--	<2.0
	10/12/18	13.48	9.57	-3.91	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW3

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.6	11/18/16	2.19	9.43	7.24	**42,000**	<200	<500	**130**	16	**2,800**	120	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	2.02	9.43	7.41	**10,000**	<200	<500	**28**	<1,000	620	92	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	2.65	9.43	6.78	**6,700**	<200	<500	**21**	1.4	210	57	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	4.05	9.43	5.38	620	<200	<500	<1.0	<1.0	2.4	1.3	<0.01	<1.0	<5.0	ND	0.60	<0.1	--	<2.0
	11/30/17	2.22	9.43	7.21	**830**	<200	<500	<1.0	<1.0	3.9	1.7	<0.01	<1.0	<5.0	ND	0.62	<0.1	--	<2.0
	04/03/18	2.85	9.43	6.58	210	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	1.4	<0.1	--	<2.0
	07/03/18	3.78	9.43	5.65	240	<200	<500	<1.0	<1.0	<1.0	2.1	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	12.60	9.43	-3.17	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW4

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.5	11/18/16	3.31	10.12	6.81	**1,900**	<200	<500	**140**	<1.0	13	7.70	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	3.08	10.12	7.04	**6,800**	<200	<500	**220**	35	340	22	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	3.88	10.12	6.24	**1,600**	<200	<500	**120**	6.0	12	3.8	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	5.61	10.12	4.51	**2,100**	<200	<500	**94**	4.4	170	1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	3.15	10.12	6.97	**6,400**	<200	<500	**320**	17	370	58	<0.01	<1.0	<5.0	ND	9.90	<0.1	--	<2.0
	04/03/18	4.10	10.12	6.02	**4,100**	<200	<500	**130**	6.3	270	1.0	<0.01	<1.0	<5.0	ND	13	<0.1	--	<2.0
	07/03/18	5.23	10.12	4.89	**1,000**	<200	<500	**16**	1.2	<1.0	1.6	<0.01	<1.0	<5.0	ND	10	<0.1	--	<2.0
	10/12/18	14.27	10.12	-4.15	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	i	0.01	5	20	Variable	160*	0.1	15	15

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW5

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
17.5	11/18/16	5.17	11.27	6.10	**2,100**	<200	<500	**250**	1.6	5.6	2.1	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	5.16	11.27	6.11	700	<200	<500	**52**	<1.0	2.2	2.4	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	6.34	11.27	4.93	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	8.31	11.27	2.96	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	5.07	11.27	6.20	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	04/03/18	6.13	11.27	5.14	110	<200	<500	3.2	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	2.5	<0.1	--	<2.0
	07/03/18	7.90	11.27	3.37	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	1.9	<0.1	--	<2.0
	10/12/18	15.02	11.27	-3.75	Pumped Dry During Low-Flow Sampling Procedures - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW6

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
17.5	11/18/16	4.72	11.40	6.68	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	02/20/17	4.69	11.40	6.71	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	05/23/17	5.85	11.40	5.55	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	<2.0	<2.0
	08/01/17	7.32	11.40	4.08	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	6.72	11.40	4.68	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	5.67	11.40	5.73	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	07/03/18	6.91	11.40	4.49	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	15.30	11.40	-3.90	<100	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW7

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.2	08/01/17	5.83	10.09	4.26	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	3.12	10.09	6.97	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	4.12	10.09	5.97	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	5.28	10.09	4.81	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	12.51	10.09	-2.42	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW8

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.1	08/01/17	5.26	10.26	5.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	3.16	10.26	7.10	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	3.78	10.26	6.48	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	4.92	10.26	5.34	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	12.46	10.26	-2.20	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

TABLE 3
GROUNDWATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW9

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.3	08/01/17	3.57	8.84	5.27	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	11/30/17	1.58	8.84	7.26	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	--	--	--	--	<2.0
	04/03/18	3.25	8.84	5.59	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	07/03/18	3.47	8.84	5.37	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	<2.0
	10/12/18	11.50	8.84	-2.66	Insufficient Water Volume for Low-Flow Sampling - Site Dewatered from DOT Off-Ramp Construction Activities														
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160	0.1	15	15

MW10

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	04/03/18	7.01	12.94	5.93	530	<200	<500	**17**	2.30	<1.0	1.20	<0.01	<1.0	<5.0	ND	0.40	<0.1	--	<2.0
	07/03/18	7.90	12.94	5.04	610	<200	<500	**42**	1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	0.94	<0.1	--	<2.0
	10/12/18	11.42	12.94	1.52	**15,000**	--	--	**190**	7.5	570	77	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW11

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	04/03/18	4.59	9.12	4.53	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	07/03/18	5.94	9.12	3.18	120	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	7.18	9.12	1.94	120	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160*	0.1	15	15

MW12

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	HVOCs	Naph-thalene	cPAHs*	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	04/03/18	7.05	11.74	4.69	240	<200	<500	**60**	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	07/03/18	8.46	11.74	3.28	790	<200	<500	**170**	1.3	<1.0	4.0	<0.01	<1.0	<5.0	ND	<0.1	<0.1	--	<2.0
	10/12/18	11.04	11.74	0.70	**1,100**	--	--	**64**	1.4	<1.0	2.1	--	--	--	--	--	--	--	--
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	Variable	160	0.1	15	15

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)

TOC = Top of Casing MSL = Mean Sea Level

< = not detected at indicated Laboratory Detection Limits -- not analyzed NM = Not Measured

TPHg - Total Petroleum Hydrocarbons - Gasoline by Method NWTPH-Gx

TPHd - Total Petroleum Hydrocarbons - Diesel by Method NWTPH-Dx TPHmo - Total Petroleum Hydrocarbons - Motor Oil by Method NWTPH-Dx extended

Benzene, Toluene, Ethylbenzene and Xylenes by EPA Method 8021B

MTBE = Methyl-tert-butyl-ether EDC = 1,2-Dichloroethane EDB = 1,2-Dibromoethane HVOCs = Halogenated Volatile Organic Compounds; by EPA Method 8260B

PAHs (including Naphthalene) by EPA Method 8270

Total and Dissolved Lead by EPA Method 7010

* = Effective concentration using Toxic Equivalency Factor per WAC 173-340-708{e}: SUM(Benzo(a)pyrene (x1), Benzo(a)anthracine (x0.1), Benzo(b)fluoranthene (x0.1), Benzo(k)fluoranthene (x0.1), Chrysene (x0.01), Dibenz(a,h)anthracene (x0.1), Indeno(1,2,3-cd)pyrene (x0.1)

1 = Wells surveyed/resurveyed on 02/28/18

ND = Not Detected above Laboratory Minimum Reporting Limits or applicable cleanup levels (see laboratory report for further detail)

Bolded numbers and red-shaded cells denote concentrations above the MTCA Cleanup Levels for groundwater

TABLE 4
GRAB GROUNDWATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Associated Earth Sciences, Inc. - Supplemental Phase II Environmental Site Assessment - January 24, 2014

Sample ID	Soil Boring/Point Well ID	Sampling Date	DTW	TPHg	TPHd	TPHo	Benzene	Toluene	Ethylbenzene	Total Xylenes	Methylene Chloride	Naphthalene	1,3,5-Trimethylbenze
			Feet BGS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EB 1 W	EB 1	12/19/13	7	<100	--	--	<1	8.8	1	9.2	--	--	--
EB 2 W	EB 2	12/19/13	7	<100	--	--	<1	6.7	<1	6.4	--	--	--
EB 3 W	EB 3	12/19/13	7	<100	<50	350	<1	8.9	1.2	9.2	--	--	--
EB 4 W	EB 4	12/19/13	4	**49,000**	**6000**[1]	<250	**1,100**	420	**2,800**	**6,000**	--	--	--
EB 5 W	EB 5	12/19/13	4	**16,000**	420[1]	<250	**430**	200	510	**1,970**	58[3]	130	**210**
EB 6 W	EB 6	12/19/13	5	**15,000**	**3800**[1]	<250	**510**	22	**1,500**	40	<5	**540**	4.4
EB 7 W	EB 7	12/19/13	6	**2,900**	**520**[1]	<250	**260**[2]	24	5.1	27	<5	<1	<1
EB 8 W	EB 8	12/19/13	6	<100	--	--	1.9	14	1.6	9.1	--	--	--
EB 9 W	EB 9	12/19/13	5	110	--	--	1.1	15	2.3	15	--	--	--
EB 10 W	EB 10	12/19/13	5	<100	<55	<280	<1	9.1	<1	5.1	--	--	--
MTCA Method A Cleanup Levels				800	500	500	5	1,000	700	1,000	5	160	--

Aerotech Environmental Consulting, Inc. - Remedial Investigation Report - November 09, 2018

Sample ID	Soil Boring/Point Well ID	Sampling Date	DTW	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl- benzene	Total Xylenes	Methylene Chloride	Naphthalene	1,3,5-Trimethylbenze
			Feet BGS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
W-B6	B6	07/03/18	4.5	**11,000**	--	--	**84**	52	530	7.6	--	--	--
W-B7	B7	07/03/18	5	**9,600**	--	--	**200**	11	400	160	--	--	--
W-B9	B9	07/03/18	5	**95,000**	--	--	**390**	94	**2,000**	**1,800**	--	--	--
MTCA Method A Cleanup Levels				800	500	500	5	1,000	700	1,000	5	160	--

EXPLANATION

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface µg/L = microgram of analyte per liter of water
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Volatile Organic Compounds of Samples EB 5 W though EB 7 W by EPA Method 8260C
Benzene, Toluene, Ethylbenzene, and Total Xylenes of Samples EB 1 W though EB 4 W and EB 8 W through EB 10 W by EPA Method 8021B
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
Naphthalene; 1,3,5-Trimethylbenzene; Methylene Chloride; by EPA Method 8260B
ND = Not Detected (minimum detection limit unknown)
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for groundwater
1 = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
2 = Estimated concentration. A dilution is required to obtain an accurate quantification of the analyte.
3 = The presence of the compound indicated is likely due to laboratory contamination.
4 = The current Method B Non-carcinogen Standard Value was used in the table. No Method A or Method B carcinogen values have been established for this parameter.

Appendix A

Legal Description of Property & Owner and Operator History

APPENDIX A

LEGAL DESCRIPTION OF PROPERTY

Tax Description Parcel 0320111067

Section 11 Township 20 Range 03 Quarter 11 L 2 OF BLA 2001-03-23-5010 DESC AS COM AT NW COR OF NE OF NE TH E ALG N LI THEREOF 192.93 FT TH S 87 DEG 39 MIN 27 SEC E 29.45 FT TH N 2 DEG 20 MIN 33 SEC E 114.52 FT TO N LI OF NE OF NE TH CONT N 2 DEG 20 MIN 33 SEC E 35.19 FT TH S 88 DEG 18 MIN 46 SEC E 20 FT TH N 2 DEG 20 MIN 33 SEC E 64.73 FT TH S 88 DEG 02 MIN 46 SEC E 150.02 FT TH S 2 DEG 20 MIN 33 SEC W 100 FT TO N LI OF SEC TH S 88 DEG 02 MIN 46 SEC E ALG SD LI 5.06 FT TO ELY OF W 15 ACS OF SD NE OF NE TH S ALG SD LI 137.55 FT TH E PAR/W N LI OF SEC 65 FT TH S 2 DEG 31 MIN 07 SEC W 317.58 FT TO NLY LI OF PSH #1 TH WLY & NLY ALG SD LI N 76 DEG 51 MIN 45 SEC W 117.35 FT TO BEG OF C TO R HAVING RAD OF 309.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 39 DEG 17 MIN 30 SEC 212.11 FT TH N 37 DEG 34 MIN 15 SEC W 325.20 FT TO C TO L HAVING RAD OF 418.30 FT TH NWLY ALG CURVE THRU CENTRAL ANGLE OF 11 DEG 18 MIN 28 SEC 82.56 FT TO W LI OF NE OF NE TH N ALG SD LI .44 FT TH E PAR TO N LI OF SEC 159.60 FT TH N 65 DEG 31 MIN 29 SEC E 36.77 FT TO POB TOG/W THAT POR ABUTT CYD BY CY OF FIFE PER ETN 4198513 DESC AS W 150.02 FT OF FOLL DESC PROP S 20 FT OF A STRIP OF LD 120 FT WIDE BEING 70 FT ON S & 50 FT ON N OF C/L OF PACIFIC HWY E EASE OF RECORD COMB FOR TAX PURPOSES ONLY COMB OF 1-063 & POR OF 0320024091 SEG 2009-0347 10/29/08 SK

CHRONOLOGICAL LISTING OF KNOWN PAST OWNERS AND OPERATORS

OWNER	LESSEE	BUSINESS OPERATOR	YEARS OF OCCUPATION
Unknown	--	Gasamet Service Station	1964-1987
Unknown	--	Freddie's Club of Fife	Closed in 2012
Hana Hou Wailea LLC	--	Fife RV Center	2008-present

Appendix B

Summary of Previous Investigations

APPENEDIX B

Summary of Previous Investigations
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Site Assessment
Jack In The Box (Parcel 0320024104)

In December 1987, Rittenhouse-Zeman & Associates ("RZA") completed a soil and foundation survey for Foodmaker Inc. While completing the geotechnical investigation, hydrocarbon odors were encountered at soil boring B-1 between 5 and 10 feet below ground surface ("bgs"). Samples collected from B-1; S-5 (11.0 -12.5 feet), contained TPH in above the current MTCA Method A screening levels ("screening levels") (RZA, 1988).

In January 1988, RZA completed additional investigation to further evaluate hydrocarbon previously noted. RZA advanced four soil borings at the corners of the property (B-1A, B-2, B-3, B-4) on January 5, 1988. No petroleum odor was observed in any of the four soil borings. Soil Sample S-4 collected from B-2 at 10-11.5 feet bgs contained TPH above the screening level (RZA, 1988).

Tahoma Express (Parcel 0320024105)

GeoEngineers explored subsurface soil conditions at the Unocal Service Station 7473 in 1990. Three test borings were advanced and constructed at groundwater monitoring wells MW-1, MW-2 and MW-3. The flow of groundwater was generally flat but toward the northwest. The study concluded that petroleum related contamination in subsurface soil and groundwater beneath the service station based on concentrations of benzene above drinking water standards in samples collected from MW-1 and MW-2. The wells were located adjacent to the UST basin (GeoEngineers, 1990).

GeoEngineers completed an additional investigation to evaluate the potential of groundwater contamination detected beneath the property was generated by the former Gasamet service station or an another of property source. Aerial photographs reviewed indicated the Gasamet station was previously located approximately 100 feet to the southwest of the Unocal Service Station 7343 and cross gradient to the groundwater flow direction beneath the parcel. A soil sample collected via hand auger in the UST backfill (HA-3) contained benzene at 1.7 mg/kg well above the screening levels. A review of the analytical results and the location of the service stations relative to the groundwater flow measured lead GeoEngineers to determine the source of the petroleum related contamination at the parcel was the result of releases from the Unocal station (GeoEngineers, 1991).

Fife RV (Parcel 0320111067)

In October 2013, Associated Earth Sciences, Inc. ("AESI") conducted a Phase I Environmental Site Assessment at the subject Property, now called Fife RV Center, located at 2410 Pacific Highway East in Fife, Washington. Within the Phase I, they state that a *Gasamet* fueling station operated at the northwest corner of the Property from the 1960s through the 1980s, and that the Property was listed on the Washington State Department of Ecology ("Ecology") CSCSL list for a petroleum release and arsenic release in the groundwater. Arsenic was determined not to be a contaminant of concern. A separate, remediated release was discovered at the northeast adjoining Chevron fueling station (which received a No Further Action designation from Ecology in 1993) (AESI, 2014).

Within the Phase I, AESI also stated that a third party conducted a Phase II investigation in 2004, finding that the soil and groundwater were impacted. Aerotech Environmental Consulting, Inc. ("Aerotech") tried to locate this document, but without success (AESI, 2014).

In December 2013, AESI observed a geophysical survey consisting of electromagnetism and ground-penetrating radar. No abandoned underground storage tanks ("USTs") or former UST basins were discovered from the survey.

The following day, AESI observed the advancement of ten direct push borings: nine to a depth of 10 feet bgs, with EB6 to 15 feet bgs. Soil samples were collected at every borehole, and analyzed for TPHg, TPHd, TPHo, and BTEX. Select samples from EB4 through EB6 (near the former pump islands) were additionally analyzed for total lead. Concentrations of TPHg and BTEX were detected above screening levels in EB4 at 5 feet bgs. Concentrations of TPHg, benzene, ethylbenzene, and total xylenes were detected above screening levels in EB5. Concentrations of benzene, toluene, and ethylbenzene were detected above screening levels in EB6. No other analytes were detected above the screening levels (AESI, 2014).

One groundwater grab sample was collected from the screened interval at the base of each of the ten temporary borings: nine at a depth of 10 feet bgs, while EB6 was at a depth of 15 feet bgs. All samples were analyzed for TPHg and BTEX. EB3W through EB7W, as well as EB10W, were additionally analyzed for TPHd and TPHo. EB5W through EB7W were also analyzed volatile organic compounds by EPA Method 8260C. Concentrations of TPHg and benzene were detected above screening levels for groundwater in EB4W though EB7W (i.e. within and immediately southeast of the fueling area.) Concentrations of TPHd were detected above screening levels in EB4W and EB6W, for which AESI states, "The sample chromatographic pattern does not resemble the fuel standard used for quantitation." Concentrations of ethylbenzene was detected above screening levels in EB4W and EB6W, while total xylenes were detected above screening levels in EB4W and EB5W. Naphthalene was detected above the groundwater screening levels in EB6W. Methylene chloride was detected above screening levels in EB5W, however AESI attributed this to laboratory contamination.

Aerotech can confirm that the lab results from Friedman & Bruya, Inc. provided within the report, indicate a separate analysis of EPA Method 8260C for this sample does not detect methylene chloride above detection limits. Concentrations of 1,3,5-trimethylbenzene were detected above MTCA Method B Non-carcinogen Standard Values in EB5W. No Method A or Method B Carcinogen values are set for this compound. No other analytes were detected above the MTCA Method A screening levels (AESI, 2014).

Aerotech installed six 2-inch PVC Groundwater Monitoring Wells, north, west and southwest of the former *Gasamet* Pump island and UST areas. Two wells, MW-1 and MW-2, were installed in the probable upgradient groundwater flow direction to the north, and three wells, MW-4, MW-5, and MW-6, were installed in the probable downgradient direction, south and west. Well screens were placed between 4 and 15 feet bgs, in order to accommodate water level fluctuations related to daily tides and Puyallup River water level variations, as well as local recharge. One well, MW-3, was installed at a "hot spot" near the center of the excavated area (Aerotech, 2016b).

Total Petroleum Hydrocarbons-Gasoline were detected above MTCA Method A screening levels for soil at MW-2, MW-4, and MW-5, at concentrations between 34 and 250 mg/kg (benzene at 0.061 to 0.530 mg/kg), and at MW-3 at 13,000 mg/kg (benzene at 9.3 mg/kg) (Aerotech, 2016b).

On July 14, 2017, Aerotech installed three 1-inch PVC Groundwater Monitoring Wells south and east of the former *Gasamet* Pump island and UST areas. Two wells, MW-7 and MW-8, were installed in the cross-gradient groundwater flow direction to the south, and one well, MW9, was installed in the upgradient groundwater flow direction to the east. Screens were placed at 14 feet bgs (Aerotech, 2017).

Four soil samples collected during well installation operations were analyzed. Lead, gasoline, diesel, and oil constituents were not detected. One additional borehole (B-1) was advanced in the unexcavated water main *hot zone* northwest of MW-3 in order to document additional MCTA Table 830 parameters; PCBs, cPAHs, and fuel additives were not detected or were below CULs, while methylene chloride and trichloroethylene (TCE) exceedances were documented in soil at B-1 (Aerotech, 2017).

On February 23, 2018, BoreTec Drilling, Inc., along with Aerotech Environmental Consulting, Inc. installed three 2-inch diameter PVC Groundwater Monitoring Wells west and southwest of the former *Gasamet*-related station features. Two wells, MW11 and MW12, were installed on the southside of the Bio-Swale pond, downgradient groundwater flow direction to the west and southwest. The other well, MW10, was installed downgradient groundwater flow direction from groundwater monitoring well MW2. Groundwater Monitoring Wells MW10 and MW12 were screened from 4 to 14 feet bgs. MW11 was screened from 2 to 9 feet bgs. Wells were developed by surge block and pump method on February 28, 2018 (Aerotech, 2018).

Nine soil samples collected during well installation operations were analyzed. petroleum constituents, lead, PCBs and VOCs were not detected above the MTCA Method A screening levels except for MW12(7), which contained gasoline concentrations above (Aerotech, 2018).

Historical Remediation Activities

Tahoma Express (Parcel 0320024105)

GeoEngineers monitored the UST removal and remedial activities at the Unocal Service Station 7343. Joe Hall Construction removed two 12,000-gallon USTs and associated product lines on August 18, September 2 and September 3. Two groundwater monitoring wells (MW-1 and MW-2 were removed during the excavation activities. No evidence of pits or holes were observed on the exterior surfaces of the tanks (GeoEngineers, 1992).

The gasoline tank excavation measured approximately 70 by 40 feet and extended to a depth of approximately 15.5 feet bgs. Field screening indicated the presence of gasoline impacted soil and pea gravel within the western portion of the excavation, primarily along the west wall and the base. Approximately 700 cubic yards of pea gravel and backfill material were removed from the excavation (GeoEngineers, 1992).

Groundwater was observed at 8 feet bgs and a sheen was noted on the groundwater seeping in from the west sidewall. A 22,000-gallon capacity Baker tank was used to store approximately 15,000 gallons of water removed from the excavation. Waste Disposal disposed of the water on September 2, 1992 (GeoEngineers, 1992).

Product lines associated with the USTs were removed by Joe Hall Construction from excavations that were approximately 40 by 4 feet and extending to a depth of 3.6 to 5 feet bgs. Approximately 50 cubic yards of soil were removed from the excavation. In total approximately 750 cubic yards were disposed at the Coal Creek Landfill from the UST and product line excavations (GeoEngineers, 1992).

A temporary groundwater recovery system and treatment system was installed at the Unocal service station on February 11, 1993 by GeoEngineers. The systems purpose was to remediate impacted groundwater detected in the pore spaces of the backfill surrounding the USTs. GeoEngineers concluded the gasoline impacted soil adjacent to the leaking turbine pump on the former easternmost UST appeared to be the source of the groundwater contamination. After operating for two weeks samples collected from effluent and the surrounding monitoring wells indicated remediation associated with the turbine release had been achieved (GeoEngineers, 1993).

Fife RV (Parcel 0320111067)

No known remediation activities occurred between the 1960s and December 19, 2013 (AESI, 2014).

Aerotech, along with Langseth Environmental Services Inc. ("Langseth") excavate, performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from the Phase II Supplemental Phase II Environmental Site Assessment were used to guide the initial stages of the excavation. Analytical results

from samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A screening levels at these locations. TPHg, Benzene, Toluene, Ethylbenzene, and Xylenes remain Constituents of Concern at the Site. Chlorinated Volatile Organic Compounds, TPHd, and TPHo not detected above laboratory Minimum Reporting Limits. Lead was detected, but at concentrations well below the MTCA Method A screening level for Soil. A saturated, wooded Bio-Swale is located on-Property to the Northwest of the subject Property Remedial Excavation and limited soil removal in that direction. Southwest of the Property, the topography slopes downward into a water retaining drainage area, which also limited soil removal. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST basin. Groundwater was encountered on Site at levels ranging from 3 to 10 feet bgs (Aerotech, 2016a).

Groundwater Monitoring Activities

Tahoma Express (Parcel 0320024105)

GeoEngineers conducted groundwater monitoring at the Unocal station from March 1990 until May 1993. Gasoline-range hydrocarbons were not detected in the May 1993 groundwater samples. The remediation of the subsurface soil and groundwater appeared to be achieved. GeoEngineers recommended Unocal to request closure from Ecology and the Tacoma Pierce County Health Department and to abandon groundwater monitoring wells MW-1A, MW2A, MW3, MW4, RW-1 and RW-2 in accordance with WAC Chapter 173-160.

Fife RV (Parcel 0320111067

Nine monitoring wells (MW-1 to MW-9) were sampled on August 1, 2017. Gasoline constituent exceedances were documented at only two wells, MW-2 and MW-4. Diesel fuel, VOCs, naphthalene, and lead were not detected in groundwater. Refer to the July 2017 quarterly groundwater monitoring report for details (Aerotech, 2017).

Appendix C

Historical Soil Boring Logs

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-1	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). **EB1-2.5-3.5** PID = 0.0 ppm					
5				Becomes fine to medium silty SAND, with fine to coarse gravel; no odor (SM). **EB1-4-5** PID = 0.0 ppm					
						▼			
10				Slightly moist, brown, fine to coarse silty SAND, few fine to coarse gravel; no odor (SM). **EB1-9.5-10** PID = 0.1 ppm					
				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-2	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). PID = 0.1 ppm					
				Slightly moist, blue and gray, fine to medium SAND, little fine to coarse gravel; slight organic odor (SW). PID = 0.1 ppm					
				Grades to moist.					
5				**EB2-4-5** PID = 0.1 ppm					
				Moist, gray, fine to coarse sandy SILT, trace fine gravel (ML).					
				EB2-6-7 PID = 0.1 ppm		▼			
				Grades to very moist, brown, fine SILT; organic odor (ML).					
				EB2-8.5 PID = 0.1 ppm					
				Moist, dark brown, fine to medium SAND; organic odor (SP).					
10				**EB2-9.5-10** PID = 0.1 ppm					
				Bottom of exploration boring at 10 feet					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 20, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-3	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to medium gravel; organic odor (SM). PID = 0.4 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML). **EB3-4-5** PID = 0.4 ppm					
5				PID = 0.4 ppm Very moist, brown, fine to medium sand, SILT; organic odor (ML) PID = 0.1 ppm					
				EB3-6-7 PID = 0.1 ppm		▼			
				Very moist, brown, fine silty SAND; organic odor (SM). **EB3-7-7.5** PID = 0.1 ppm					
				Very moist, brown, fine SILT; organic odor (ML). PID = 0.1 ppm **EB3-8-9** PID = 0.1 ppm					
				EB3-9-10 PID = 0.1 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-4	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). **EB4-2.5-3** PID = 4.9 ppm					
				Slightly moist, dark brown, fine SILT; petroleum odor (ML). **EB4-3.5-4** PID = 84.3 ppm		▼			
				Moist, dark brown, fine SILT (ML). **EB4-4-5** PID = 86.9 ppm					
5				Very moist, brown, fine sandy SILT; petroleum odor (SW). PID = 5.2 ppm					
				Grades to moist; slight petroleum odor. **EB4-6.5-7.5** PID = 0.5 ppm					
				Organic odor. **EB4-8-9** PID = 0.5 ppm					
10				Organic odor. **EB4-9-10** PID = 0.6 ppm					
				Bottom of exploration boring at 10 feet Ground water has slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-5	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). PID = 6.2 ppm **EB5-3-4** PID = 11.1 ppm					
				Slightly moist, brown, fine SILT; petroleum odor (ML). **EB5-4-5** PID = 138 ppm		▼			
5				Very moist, brown, fine sandy SILT; petroleum odor (ML). **EB5-5.5-6.5** PID = 184 ppm					
				Organic odor. **EB5-6.5-7.5** PID = 3.4 ppm PID = 4.1 ppm Organic odor.					
				PID = 0.7 ppm Moist, brown, fine SILT; organic odor (ML). **EB5-9-10** PID = 0.7 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-6	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, little fine to coarse gravel; slight petroleum odor (SM). **EB6-3-4** PID = 3.9 ppm					
				Grades to brown.					
				Grades to blue and gray. **EB6-4-5** PID = 1.2 ppm		▼			
5									
				Slightly moist, bray and blue, fine to medium silty SAND, few fine to coarse gravel; petroleum odor (SM). **EB6-6-7** PID = 103 ppm					
				EB6-7-7.5 PID = 43.8 ppm					
				Moist, brown, fine SILT; petroleum odor (ML). **EB6-7.5-8** PID = 5.5 ppm					
				Organic odor.					
				PID = 12.2 ppm					
10				**EB6-9.5-10** PID = 5.8 ppm Wet, dark brown, fine SILT; slight petroleum odor (ML) **EB6-10-11** PID = 0.6 ppm					
15				Bottom of exploration boring at 15 feet Standing water in 10 to 15 foot sleeve has sheen. Backfilled with bentonite.					

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-7	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, few fine gravel; no odor (SM). **EB7-3.5-4** PID = 2.5 ppm **EB7-4-5** PID = 1.9 ppm					
5				Slightly moist, gray, fine SILT; slight petroleum odor (ML). **EB7-5.5-6** PID = 2.5 ppm		▼			
10				Bottom of exploration boring at 10 feet Water has a slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-8	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND; no odor (SM). PID = 0.0 ppm **EB8-4-5** PID = 0.0 ppm					
5						▼			
				Moist, dark brown, fine SILT; organic odor (ML). **EB8-8-9** PID = 0.0 ppm					
				Becomes slightly moist. PID = 0.0 ppm **EB8-9-10** PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-9	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, trace fine gravel; no odor (SM).					
				EB9-2-3 PID = 0.0 ppm					
				Slightly moist, gray and blue, fine to coarse silty SAND, little fine gravel; petroleum odor (SM).					
				EB9-3-4 PID = 0.4 ppm					
				PID = 0.0 ppm					
				Slightly moist, dark brown, fine SILT; organic odor (ML).					
5				**EB9-4.5-5** PID = 0.0 ppm		▼			
				Slightly moist, gray, fine SILT; organic odor (ML).					
				EB9-5.5-6.5 PID = 0.0 ppm					
				Becomes moist.					
				PID = 0.0 ppm					
				EB9-7-7.5 PID = 0.0 ppm					
				Very moist, dark brown, fine SAND; organic odor (SW).					
				EB9-7.5-8 PID = 0.0 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML).					
				EB9-9-10 PID = 0.0 ppm					
				Organic odor.					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-10	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
5				Slightly moist, gray and blue, fine to medium silty SAND, few fine gravel; slight petroleum odor (SM). **EB10-4-4.5** PID = 20.0 ppm PID = 12.0 ppm		▼			
				Slightly moist, gray, fine SILT; no odor (ML). **EB10-7.5-8.5** PID = 0.0 ppm PID = 0.0 ppm **EB10-9-10** PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 20, 2014

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MONITORING WELL ID: **BORING LOG #: MW-1**

Project Name: FIFE RV, Fife, Wa **BIS 683**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 3.5 ft S of N Fence + 10 ft from bend in fence + 60 east of NWX fence

Borehole Area (AOC): N-NE of eastern terminus of upgradient fabric / Former UST-Pump areas

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 5 ft bgs

Low tide Commencement Bay at 0700 - high tide at 1300 - per NOAA Tables

Notes: 2 inch PVC GW Monitoring Well installed - No 10 screen at 4 to 14 ft bgs

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
							GP	Gravel Pavement *Concrete pad atop bentonite seal -->*	
1									
								Air-knife 3.5 ft west of natural gas main / electrical / storm sewer	
2					Air		SW	Air knife to 5.5 ft bgs	
					Knife			FILL - SAND, very fine to coarse, well graded, with silt, little to trace clay, little small to large subround tosubangular gravel, gray to olive gray, slightly moist, wet below 5 ft. Very slight but indistinct odor.	
3									
			0824						
4		0.3	LAB				SW	Hand auger sample from beneath air knife hole	--
5									--
									--
				2					--
6				3			ML	SILT, trace very fine sand, wet. No foul odor.	--
			LAB	3					--
7		0.0	0905					*No. 10-20 Colorado Silica Sand in annular space -->*	--
8									--
									--
				1					--
9			0915	1				SILT, trace very fine sand, roots below 9 ft. very moist to wet. No foul	--
		0.1	LAB	1					--
10				3					--
				3			SP	SAND, very fine to fine, trace silt, gray, wet.	--
11		0.0		3					--
									--
12									--
									--
				3					--
13		0.1	0935	3			SM	SILT AND SAND, very fine to fine,gray, wet.	--
14			LAB	4				No foul odor.	
15								Note 11-12 ft deep tank basin to NE most likely penetrates silt	
								Also, former Gasamet Station UST basin to south.	
16									
								WELL CONSTRUCTION DETAIL:	
17								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
18								Finished with 4 sq ft concrete pad and flush-mount monument	
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 feet. Well installed at 4 - 14 ft.	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **I31** **Page 2 of**

Project Name:

Project Number:

Drilling Information

Drilling Contractor:

Logged by:

Start Date: End Date:

Depth (ft)	Groundwater		Visual or Olfactory Evidence	Blow Counts	Recovery		**USCS** Classification	Soil Classification/ Description **UNIFIED SOIL CLASSIFICATION SYSTEM EXPLANATION**	Well Construction
							GW	**GRAVELS**, well-graded* OR Gravel+Sand mix, little-no fines	
							GP	**GRAVELS**, poorly-graded* OR Gravel+Sand mix, little-no fines	
							GM	**GRAVELS**, silty OR Gravel-sand-silt mix	
							GC	**GRAVELS**, clayey OR Gravel-sand-clay mix	
							SW	**SAND**, well-graded OR **Gravelly Sands**, little-no fines	
							SP	**SAND**, poorly-graded OR **Gravelly Sands**, little-no fines	
							SM	**SAND**, silty OR Sand-silt mix	
							SC	**SAND**, clayey OR Sand-clay mix	
							ML	**SILT**, inorganic (very fine sands, rock flour, silty or clayey fine	
								sands) OR Clayey silts with slight plasticity	
							CL	**CLAY**, inorganic, low-med plasticity (gravelly, sandy, silty, lean)	
							OL	**SILT**, organic, AND **SILT-CLAY**, organic, low plasticity	
							MH	**SILT**, inorganic (micaceous or diatomaceous fn sndy/silty soils)	
								OR SILTY SOILS, elastic SILTS	
							CH	**CLAY**, inorganic, high plasticity, fat clays	
							OH	**CLAY**, organic, med-high plasticity OR Organic SILTS	
							PT	**PEAT** and other highly organic SOILS	
								Glacial Till - High density, USCS/color indicates grain size	
								* **Terminology clarification**: The term "**Well graded**" is a synonym for "**Poorly sorted**," both meaning that a wide range of particle sizes are present. The former term is employed in geotechnical descriptions, while the latter is preferred by the USDA in characterizing topsoils and subsoils.	

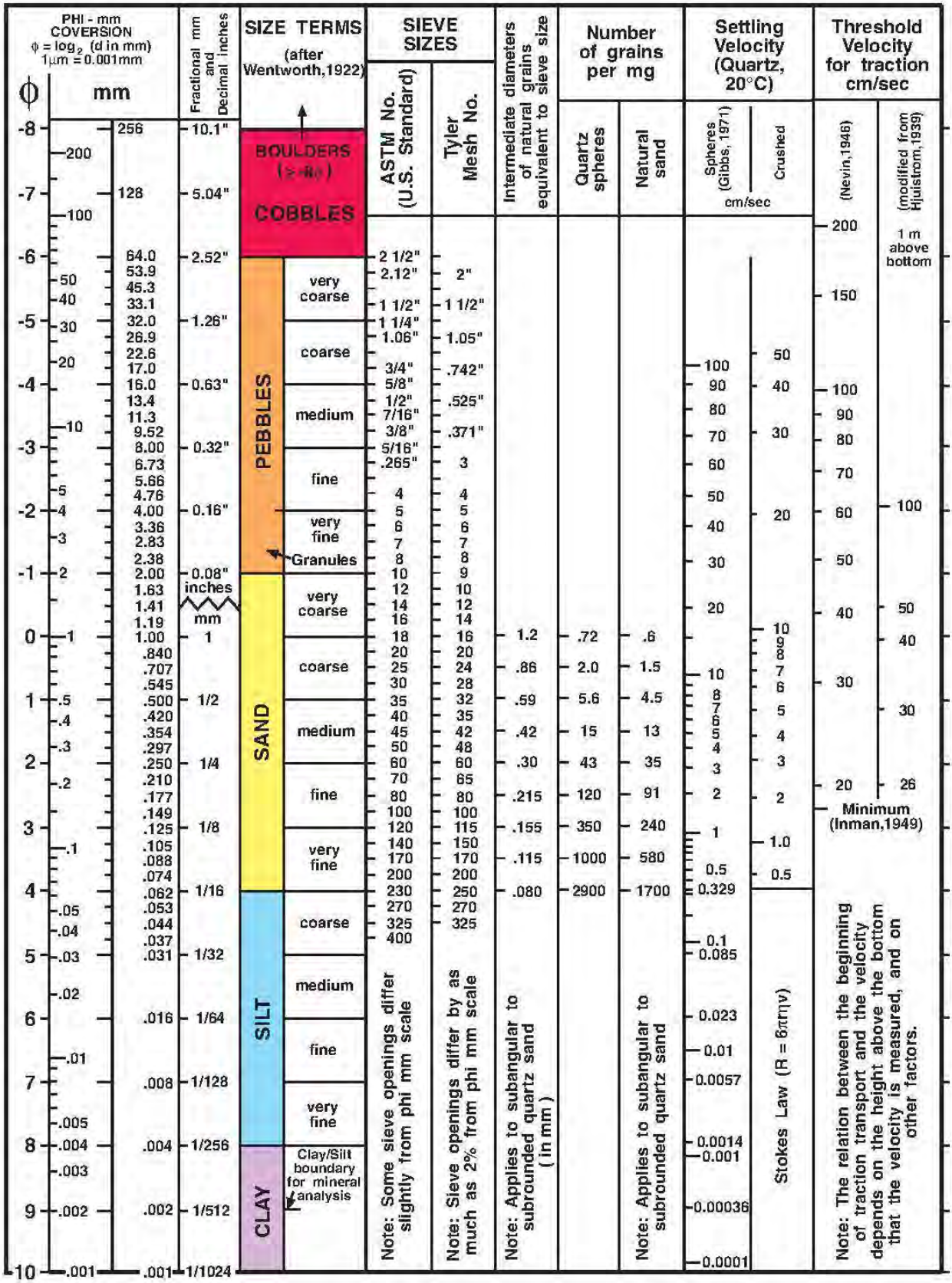

US Geological Survey

CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

UNIFIED SOIL CLASSIFICATION SYSTEM

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

COARSE-GRAINED SOILS (more than 50% of material is larger than No. 200 sieve size.)		
GRAVELS More than 50% of coarse fraction larger than No. 4 sieve size	Clean Gravels (Less than 5% fines)	
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
	Gravels with fines (More than 12% fines)	
	GM	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel-sand-clay mixtures
SANDS 50% or more of coarse fraction smaller than No. 4 sieve size	Clean Sands (Less than 5% fines)	
	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly graded sands, gravelly sands, little or no fines
	Sands with fines (More than 12% fines)	
	SM	Silty sands, sand-silt mixtures
	SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (50% or more of material is smaller than No. 200 sieve size.)		
SILTS AND CLAYS Liquid limit less than 50%	ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
SILTS AND CLAYS Liquid limit 50% or greater	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS	PT	Peat and other highly organic soils

LABORATORY CLASSIFICATION CRITERIA

GW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3	
GP	Not meeting all gradation requirements for GW	
GM	Atterberg limits below "A" line or P.I. less than 4	Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols
GC	Atterberg limits above "A" line with P.I. greater than 7	
SW	$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{D_{30}}{D_{10} \times D_{60}}$ between 1 and 3	
SP	Not meeting all gradation requirements for GW	
SM	Atterberg limits below "A" line or P.I. less than 4	Limits plotting in shaded zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols.
SC	Atterberg limits above "A" line with P.I. greater than 7	

Determine percentages of sand and gravel from grain-size curve. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5 percent ..... GW, GP, SW, SP
More than 12 percent ..... GM, GC, SM, SC
5 to 12 percent ..... Borderline cases requiring dual symbols

PLASTICITY CHART

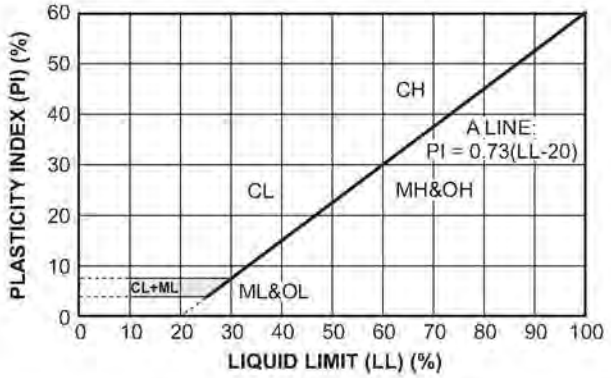

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MONITORING WELL ID: **BORING LOG #: MW-2**

Project Name: FIFE RV, Fife, Wa **BIS 684**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 5 ft east of west fence + 7 ft from NE lot corner post - Near NE corner of bioswale

Borehole Area (AOC): NW corner of tank and pump island area (NW corner of fenced lot)

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 3 ft bgs

Notes: 2 inch PVC GW Monitoring Well installed - No 10 screen at 4 to 14 ft bgs

Notes: Low tide Commencement Bay at 0700 - high tide at 1300 - per NOAA Tables

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
							GP	Gravel Pavement	
1									
								Air knife to 5.5 ft bgs - Concrete fragment (8 in +) at 2 ft	
2					Air		SW		
					Knife			FILL - SAND, very fine to coarse, well graded, with silt, little to trace clay, little small to large subround tosubangular gravel, gray to olive gray, slightly moist, wet below 5 ft. Moderate gasoline odor.	
3			0948						
		82		LAB					
4							SW	Hand auger sample from beneath air knife hole at 4-4.3 ft	--
5									--
			1037						--
6		38	LAB	2					--
				2			ML	SILT, some very fine sand, trace clay, wet. Strong gasoline odor at 5.5 ft.	--
7				1					--
									--
8									--
			1045						--
9		16.9	LAB	1					--
				1			ML	Same as above. Very moist to wet. Very slight gasoline odor above 9 ft. No foul odor below 9 ft	--
10				1					--
									--
11								Silt is generally wet in upper portions; very moist to moist below.	--
									--
12									--
								Note 11-12 ft deep tank basin to NE very likely penetrates this generally thinner silt unit. Sand lenses may be present between intervals sampled by split spoon tool. Note: former Gasamet UST basin was situated to SE	--
13									--
				1					--
14			1050	2					--
		1.1	LAB	3			SP	SAND, very fine to fine, poorly graded trace silt, gray, wet. No foul odor.	
15									
16								**WELL CONSTRUCTION DETAIL:**	
								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
17								6.5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
								Finished with 4 sq ft concrete pad and flush-mount monument	
18									
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 ft, rises to 3 ft. Well installed at 14 ft	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-3**

Project Name: FIFE RV, Fife, Wa **BIS 685**
Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 71ft south and 10 ft west of SW corner Tahoma Bldg (73 ft to Power Pole)

Borehole Area (AOC): UST Basin area

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 5ft bgs
Notes: 2 inch PVC GW Monitoring Well installed - No 10 screen at 4 to 14 ft bgs
Notes: Low tide Commencement Bay at 0700 - high tide at 1300 - per NOAA Tables

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
							GP	Gravel Pavement	
1									
								Air knife to 5.5 ft bgs - Concrete fragment (8 in +) at 2 ft	
2					Air		SW		
					Knife			FILL - SAND, fine to coarse, well graded, trace silt, little small to large subround to subangular gravel, gray to olive gray, slightly moist, wet below 5 ft. Moderately strong gasoline odor.	
3									
4		**VPH**	1118						
		662		LAB			SW	Hand auger sample from beneath air knife hole at 4-4.3 ft	--
5									--
			1135						--
6		1		3					--
		870		1			SW	FILL- SAND, fine to coarse, well graded, trace silt, little small to large subround to subangular gravel, gray 6.9-7.0 ft, wet, strong to very strong gasoline odor.	--
7				2					--
									--
8									--
			1205						--
9		LAB	LAB	1					--
		203		1			SW	Same as above. Very moist to wet. No foul odor.	--
10				2					--
									--
11								*PRESUMED FORMER GASAMET UST BASIN AREA- SILT UNIT ABSENT*	--
									--
12									--
									--
13									--
				4				SAND, very fine to medium, few coarse, poorly graded, medium brown, bottom six inches dark brown, very moist to wet. No foul odor.	--
14			1221	3			SP		--
		9.5	LAB	3					
15									
16								**WELL CONSTRUCTION DETAIL:**	
								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
17								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
								Finished with 4 sq ft concrete pad and flush-mount monument	
18									
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 ft. Well installed at 14 ft	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-4**

Project Name: FIFE RV, Fife, Wa **BIS 686**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 38 ft south of NW corner of fenced portion of lot; 4 ft east of west fence

Borehole Area (AOC):

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 5 ft

Notes:

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Pavement	
1									
2								FILL - SAND, very fine to coarse, well graded, with silt, little to trace clay, little small to large subround tosubangular gravel, gray to olive gray, moist. Slight gasoline odor.	
3									
4				49					
			1310	6					
5		16	LAB	8					
6								*This well adjoins the bio-swale area to the west and in which standing water is present (perhaps bottom of basin at 8 approx. ft bgs) - pre-development (post demo of Gasamet Station) test pits in this area indicated strong petrol odors - suspect extensive excavation of impacted soils prior to bio-swale construction, and extending to the vicinity of MW-4*	
7									
8									
9				2				Possible FILL - SAND, very fine to very coarse, well graded, some clay, trace subrounded gravel, heterogeneous mix of colors: dark brown, gray, and light brown,slight odor, very moist.	
10			1335	1					
		19	LAB	1					
11								(Possible sluff- no silt present)	
12									
13				2				SILT, some 1/2" fine sand lenses, and a few clay lenses, few plant fragments, light brown, very moist. No foul odor. .[Bottom 1.5" brown fine sand, poorly graded.]	
14			1400	2					
		0.2	LAB	4					
15								**WELL CONSTRUCTION DETAIL:**	
16								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs 5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
17								Finished with 4 sq ft concrete pad and flush-mount monument	
18								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 feet. well screened at 4-14 ft bgs. Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-5**

Project Name: FIFE RV, Fife, Wa **BIT 785**
Project Number: 216-8246

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 5 ft north of south fence and 5 ft east of west fence - on slope below lot

Borehole Area (AOC): SW corner of Fenced area - SE of bioswale

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level: 4.5 ft bgs (approx 2 ft below lot level)

Notes: Gravel surface slopes down to north toward Catch Basins west of MW-3 at fence

Approx. Surface Elevation:

Start Date: 11-10-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
				2					
1		0.1		3				FILL - SAND, fine to coarse, well graded, trace to little organic silt, trace small subrounded gravel, light brown, dry. No foul odor.	
				3			SW		
2									
	Near low tide - 8am								
3	11-11-16 water from TOC: 5.46							No foul odor in cutting 1.5 to 5 ft	
	= approx 4 ft bgs terrace								
4									
									--
5							SP	SAND, very fine, poorly graded, gray, wet	--
			1514	2				SILT, little very fine sand, gray, trace wood and plant fragments, wet. No foul odor / possible VER faint gasoline odor.	--
6		4.1	LAB	1					--
				1			ML		--
7									--
									--
8								Silt is wet in upper portions; very moist to moist below.	--
									--
9									--
									--
10			1522	1			ML	SILT, little very fine sand, common wood and plant fragments and rare peat layers less than 1/4 - 1/2 inch, very moist to wet.Organic odor near peat layers - approx 10 - 10.5 ft	--
		0.6	LAB	1			PT		--
11				1			ML		--
									--
12									--
									--
13									--
			1535	2			CH	CLAY and SILT, trace very fine sand, gray, moist. No foul odor. Clay is highly plastic,	--
14		0.2	LAB	2					--
				2			ML	SILT, little very fine sand, gray, moist. No foul odor.	
15								**WELL CONSTRUCTION DETAIL:**	
								Excavated a limited terrace on the slope SW of gravel lot	
16								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
17								Finished with 2 sq ft concrete 'base' and above-ground steel	
								monument protected by four bollards	
18									
								Bottom of borehole at 4.5 feet	
19								Groundwater encountered at 4.5 feet. Well screen at 4 - 14 ft bgs	
								Borehole completed with bentonite chips.	
20									

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MONITORING WELL ID: **BORING LOG #: MW-6**

Project Name: FIFE RV, Fife, Wa **BIT 786**

Project Number: 216-8246

Site Location: 3410 Pacific Hwy E, Fife, Wa (Gravel lot S of Tahoma Gas and Jack-in-the-Box)

Borehole Location: 5 ft NE of SW perimeter fence and 32 feet north of west fence along prop line

Borehole Area (AOC): 24 feet east of MW-5 - downgradient perimeter of Property.

Drilling Information

Drilling Contractor:	Boretech, Bellevue
Drilling Method:	H.S.A.
Borehole Diameter:	8"
Sampler Type:	Stainless Steel Split Spoon Sampler

Driller: Carlos Gardea (Wa Lic No 3143)

Logged by: J. McDermott: Boring Depth: 14.5 feet

GW Encountered: YES Static GW Level:

Notes:

Approx. Surface Elevation:

Start Date: 11-11-16 End Date: Same

Depth (ft)	Groundwater	PID	Visual or Olfactory Evidence	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1									
2									
3							SW	No foul odor in cutting 1.5 to 4 ft	
4			0859					FILL - SAND, fine-coarse, well graded, brown, moist. No foul odor.	
		0.1	LAB	2			SC	FILL - SAND, SILT, little clay, brown. Moist to dry. No foul odor	--
5				2			SP	FILL - SAND, fine-coarse, poorly graded, brown, moist. No foul odor.	--
				1				SILT, with very fine sand, gray, wet. No foul odor.	--
6									--
									--
7							ML	*Note base of ditch approx 30 ft south estimated near 5-7 ft bgs*	--
								as recorded at location of MW-6 (7 - 9 ft bgs relative to gravel lot)	--
8									--
								Same as above to 8.7 ft bgs	--
9			0910						--
		0.2	LAB	1			PT	PEAT, with silt and clay, gray. Very moist to wet. No foul odor.	--
10				1				SILT, with very fine sand, very moist to wet. No foul odor.	--
		0.1	LAB	1					--
11			0915				ML		--
									--
12									--
									--
13									--
			0925	4			SP	SAND, very fine, poorly graded, gray, wet. No foul odor.	--
14		0.1	LAB	5					--
				6					
15								**WELL CONSTRUCTION DETAIL:**	
								Excavated a limited terrace on the slope SW of gravel lot	
16								2 inch Sched 40 PVC - 10 ft No 10 slot PVC screen at 4-14ft bgs	
								5 x 50 lbs bags of No. 10-20 Silica Sand + 1bag grout (3ft thick)	
17								Finished with 2 sq ft concrete 'base' and above-ground steel	
								monument protected by four bollards	
18								All wellheads were sealed with twist-lock compression caps	
								Bottom of borehole at 14.5 feet	
19								Groundwater encountered at 5 feet. Well installed at14.5 ft bgs.	
								Borehole completed with bentonite chips.	
20									

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BORING LOG #: MW7

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: South of Former UST Basin
Borehole Location: 52' Southwest of MW3

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	BJP689

Approx. Surface Elev.: 10.5' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1									
2									
3							GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petrol odor.	
4		0.0							
5									
6							ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
7		0.0							
8									
9									
10								Same as above	
11		0.0	Lab						
12							SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
13									
14		0.0							
15									
16									
17									
18									
19									
20									
21								1" Diameter Schedule 80 PVC, 0.010" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
22									
23									
24									
25									

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BORING LOG #: MW8

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: South of Former UST Basin
Borehole Location: 50' South of MW3

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	BJP688

Approx. Surface Elev.: 10.5' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1								FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petrol odor.	
2		0.0							
3							GW		
4								Same as above, increased silt. No petrol odor.	
5		0.0	Lab					Wet at 5'	
6									
7							ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
8									
9									
10		0.0	Lab						
11							ML	SILT, dark brown, satuerated, plastic, some clay. No petrol odor.	
12									
13									
14		0.0							
15							SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
16									
17									
18									
19									
20									
21								1" Diameter Schedule 80 PVC, 0.010" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
22									
23									
24									
25									

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BORING LOG #: MW9

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: East (upgradient) of Former UST Basin
Borehole Location: 45' East of MW3

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	BJP687

Approx. Surface Elev.: 9' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1							GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petrol odor.	
2									
3		0.0	Lab						
4								Same as above, increased silt. No petrol odor.	
5								Wet at 4.5'	
6		0.0					GP	FILL - GRAVEL, medium subangular to subrounded, brown to gray, saturated. No petrol odor.	
7									
8								Appears to be associated with trench fill for the 12" sewer nearby.	
9									
10		0.0					ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
11									
12									
13									
14		0.0					SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
15									
16									
17									
18									
19									
20									
21								1" Diameter Schedule 80 PVC, 0.010" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
22									
23									
24									
25									

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BORING LOG #: B1

Site Name: Fife RV Center
Project Number: 217-4025

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Former UST Basin
Borehole Location: 15' NW of MW3 (nearest to P25)

Logged by: N. Gerkin **Boring Depth:** 16 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor:	SEP, Tumwater, WA
Drilling Method:	2-inch Direct Push
Sampler Type:	Core sampler + virgin poly-sleeve
ECY Well Tag:	N/A

Approx. Surface Elev.: 10' above MSL
Work Date: 07/14/17

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
								Gravel Parking Surface	
1								FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded. No petrol odor.	
2		0.0							
3							SW	FILL - SAND, fine to coarse, gray to blue-gray, wet below 5', fine to large subrounded to subangular gravel, very well graded. Strong gasoline odor.	
4									
5		462	LAB						
6									
7									
8								Same as Above	
9		123	LAB				SM	Sandy SILT, reddish dark gray, saturated, fine-grained sand. Moderate petrol odor.	
10									
11									
12		0.2					ML	SILT with some very fine Sand, maroon to brown, wet, no petrol odor.	
13									
14									
15		0.0					SP	SAND, very fine to fine, marooon to brown, wet, poorly graded, trace silt, no petrol odor.	
16									
17									
18									
19									
20								Bottom of borehole at 16 feet.	
21								No well installed.	
								Borehole completed with bentonite chips.	
22									
23									
24									
25									

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BORING LOG #: MW10

Site Name: Fife RV Center
Project Number: 217-4034

Drilling Contractor:	Boretec, Valleyford
Drilling Method:	HSA 8.25"
Sampler Type:	Split Soon
ECY Well Tag:	BJN085
Licensed Driller:	Carlos Gardea
	3143
Surveyed Casing Elev.:	12.94' above MSL
Work Date:	02/23/18

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of MW2, Northeast Corner of Bio-Swale
Borehole Location: 16' West of MW2

Logged by: N. Gerkin **Boring Depth:** 14.5 feet **GW Encountered:** YES

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction (Casing within Bollard)
								Gravel	
1									
2									
3									
4		0.4	Lab	3 2 1			GW	FILL - GRAVEL and SAND with Silt, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded. No petrol odor.	
5									
6									
7									
8									
9		9.1	Lab	2 2 2			SP	SAND with Silt, gray, saturated, slight petrol odor. (Possible Northwestern Tank Basin)	
10									
11									
12									
13				2			ML	SILT with some very fine Sand, maroon to brown, wet, slight petrol odor.	
14		0.0	Lab	1 2					
15									
16									
17									
18									
19									
20								2" Diameter Schedule 40 PVC, 0.020" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs	
21									
22									
23									

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BORING LOG #: MW11

Site Name: Fife RV Center
Project Number: 217-4034

Drilling Contractor:	Boretec, Valleyford
Drilling Method:	HSA 8.25"
Sampler Type:	Split Soon
ECY Well Tag:	NA (<10')
Licensed Driller:	Carlos Gardea
	3143
Surveyed Casing Elev.:	9.12' above MSL
Work Date:	02/23/18

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Furthest Downgradient Well, 33' NW of MW12
Borehole Location: Western Corner of Bioswale

Logged by: N. Gerkin **Boring Depth:** 14.5 feet **GW Encountered:** YES

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction (Casing within Bollard)
+2								Concrete Pad	
+1								Earthen Mound (Built Prior to Drilling to Allow for Well Seal)	
1									
2				2			SW	SAND, coarse to medium, well graded, brown, moist. No foul odor.	
				2					
3		0.8	Lab	1				Sandy SILT, very fine sand, very moist to wet, mottled staining. greyish brown . No foul odor.	
4				4					
				3					
5		0.5		2				As above, saturated	
				2					
6		0.8	Lab	3				As above	
				4					
7				4					
				3					
8		4.1		1					
				1					
9				1					
		0.0	Lab	1				As above	
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

Though exempt per WAC per shallow depth (- 9.5 ft below constructed mound) / - 8.3 ft bgs), the objective was to meet or exceed the seal requirements for wells extending more than - 10 ft bgs in order to adhere to the 'spirit' of the code'. An additional objective was to place at least one downgradient well (on property) at which the top of screen would be present above the water table at those times at which water levels were present at the rim of the steel riser drain pipe controlling maximum bioswale water levels.

So, in order to achieve this, as the pipe rim was estimated at or slightly less than 18 inches below the - 0.0 bgs (at well location):

+1.2 to + 2.0 ft bgs Concrete Pad
+0.0 to +1.2 ft bgs Earthen mound - compacted
+0.3 to - 1.1 ft bgs Bentonite pellets
'Geo-barrier': 6 folded layers of 0.7mm thick plastic sheeting
- 1.1 to - 2.1 ft bgs Riser pipe with annular sand pack
- 2.1 to - 9.6 ft bgs Screened interval with annular sand pack

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BORING LOG #: MW12

Site Name: Fife RV Center
Project Number: 217-4034

Drilling Contractor:	Boretec, Valleyford
Drilling Method:	HSA 8.25"
Sampler Type:	Split Soon
ECY Well Tag:	BJN087
Licensed Driller:	Carlos Gardea
	3143
Surveyed Casing Elev.:	11.74' above MSL
Work Date:	02/23/18

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of MW2, Northeast Corner of Bio-Swale
Borehole Location: 30' Northwest of MW5

Logged by: N. Gerkin **Boring Depth:** 14.5 feet **GW Encountered:** YES

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery	USCS Classification	Soil Classification/ Description
1							
2							
3							
4		0.8	Lab	5 4 3		GW	FILL - GRAVEL and SAND with Silt, light brown to gray, damp, saturated @5', fine to coarse sand and gravel, subangular to subrounded gravel, Well graded. Trace Organics, No petrol odor.
5							
6				1		ML	SILT with some very fine Sand, maroon to brown, wet, plastic, slight petrol odor. (Possible Northwestern Tank Basin)
7		4.1	Lab	1 2			
8							
9				7			As above
10				2 1			
11							
12		0.0	Lab	2		ML	As above, increased organics
13				1 2			
14							
15							
16							
17							
18							
19							
20							2" Diameter Schedule 40 PVC, 0.020" Screen from 4 to 14 ft bgs Well completed with Colorado Silica Sand from 3 to 14 ft bgs Bentonite from 1 to 3 ft bgs and Concrete from 0.5 to 1 ft bgs
21							
22							
23							

Well Construction (Casing within Bollard)

Appendix D

July 2018 Soil Boring Logs

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Depth (ft)	Groundwater		Visual or Olfactory Evidence	Blow Counts	Recovery		**USCS** Classification	Soil Classification/ Description **UNIFIED SOIL CLASSIFICATION SYSTEM EXPLANATION**	Well Construction		
							GW	**GRAVELS**, well-graded* OR Gravel+Sand mix, little-no fines			
							GP	**GRAVELS**, poorly-graded* OR Gravel+Sand mix, little-no fines			
							GM	**GRAVELS**, silty OR Gravel-sand-silt mix			
							GC	**GRAVELS**, clayey OR Gravel-sand-clay mix			
							SW	**SAND**, well-graded OR **Gravelly Sands**, little-no fines			
							SP	**SAND**, poorly-graded OR **Gravelly Sands**, little-no fines			
							SM	**SAND**, silty OR Sand-silt mix			
							SC	**SAND**, clayey OR Sand-clay mix			
							ML	**SILT**, inorganic (very fine sands, rock flour, silty or clayey fine			
								sands) OR Clayey silts with slight plasticity			
							CL	**CLAY**, inorganic, low-med plasticity (gravelly, sandy, silty, lean)			
							OL	**SILT**, organic, AND **SILT-CLAY**, organic, low plasticity			
							MH	**SILT**, inorganic (micaceous or diatomaceous fn sndy/silty soils)			
								OR SILTY SOILS, elastic SILTS			
							CH	**CLAY**, inorganic, high plasticity, fat clays			
							OH	**CLAY**, organic, med-high plasticity OR Organic SILTS			
							PT	**PEAT** and other highly organic SOILS			
								**** Terminology clarification:*** *The term "**Well graded**" is a synonym for "**Poorly sorted**," both meaning that a wide range of particle sizes are present. The former term is employed in geotechnical descriptions, while the latter is preferred by the USDA in characterizing topsoils and subsoils.*			

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BORING LOG B2

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary, SW of Former Station Features
Borehole Location: 5' SW of MW5, on Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 8' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3							SM	Silty SAND with Organics, dry to damp, dark brown, no petroleum odor.	
4		0.3							
5									
6		0.3	LAB						
7							ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity, no petroleum odor.	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B3

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary
Borehole Location: Between MW5 & MW12, on Property Line

Logged by: N. Gerkin **Boring Depth:** 12 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3									
4		0.3					SM	Silty SAND with Organics, dry to damp, dark brown, no petroleum odor.	
5									
6									
7		21.6	LAB				ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity, no petroleum odor.	
8									
9									
10									
11		0.3						As above, damp.	
12			LAB						
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 12 ft bgs	
21									
22									
23									

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BORING LOG B4

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary, W of Former Station Features
Borehole Location: 8' SW of MW12, on Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3									
4		0.2					SM	Silty SAND with Organics, dry to damp, dark brown, no petroleum odor.	
5									
6		0.9	LAB						
7							ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity, no petroleum odor.	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B5

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Southern Property Boundary, W of Former Station Features
Borehole Location: Between MW5 & MW12, on Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 7' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		0.4	LAB					SILT, brown, dry, compacted. No Petroleum Odor.	
4							ML	Clayey SILT with some very fine Sand, maroon to brown with heavy oxidation at interface with water, saturated,moderate plasticity, no petroleum odor.	
5									
6		0.1	LAB						
7		0.1						SAND, medium-grained, black, saturated, poorly graded. No petroleum odor.	
8							SP		
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B6

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: North of MW2, on Northern Property Line

Logged by: N. Gerkin **Boring Depth:** 12 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		5.3							
		22						Silty SAND, fine-grained, reduced, dark gray, moderate petroleum odor.	
4									
5			H_2O					As Above, maroon brown/gray, saturated. Strong petroleum odor.	
6		212	LAB						
7		1213	LAB				SM		
8									
9									
10		0.7							
11							ML	Clayey SILT with some very fine Sand, maroon to brown, moist,moderate plasticity, no petroleum odor.	
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 12 ft bgs	
21									
22									
23									

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BORING LOG B7

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: NE of MW10, on Northern Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		0.3					SM	Silty SAND, fine-grained, reduced, dark gray, moderate petroleum odor.	
4									
5		920	H_2O LAB				ML	Clayey SILT with some very fine Sand, maroon to brown, moist,moderate plasticity, no petroleum odor.	
6									
7		1582	LAB				SM	Silty SAND, fine-grained, maroon/brown, moderate petroleum odor.	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

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BORING LOG B8

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: North of Liner

Logged by: N. Gerkin **Boring Depth:** 4 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3		215					SM	Silty SAND, fine-grained, reduced, dark gray, strong petroleum odor.	
4								REFUSAL @ 4 Feet BGS	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Refusal First 3 Tries @ 4' Backfilled with Bentonite from 0 to 4 ft bgs	
21									
22									
23									

AEROTECH ENVIRONMENTAL CONSULTING
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BORING LOG B9

Site Name: Fife RV Center
Project: Property Line Characterization

Site Location: 3410 Pacific Highway East, Fife, WA
AOC: West of Original PI & USTs located on both Fife RV & Jack in the Box Properties
Borehole Location: Between MW1 & MW2, on Northern Property Line

Logged by: N. Gerkin **Boring Depth:** 8 feet **GW Encountered:** YES

Drilling Information

Drilling Contractor: SEP, Tumwater, WA
Drilling Method: 2-inch Direct Push
Sampler Type: Core sampler + virgin poly-sleeve

Approx. Surface Elev.: 9.5' above MSL
Work Date: 07/02/18

Depth (ft)	Groundwater	PID (ppm)	Sample	Blow Counts	Recovery		USCS Classification	Soil Classification/ Description	Well Construction
1		0.0					GW	FILL - GRAVEL and SAND, light brown to gray, damp, fine to coarse sand and gravel, subangular to subrounded gravel, Well graded, trace silt. No petroleum odor.	
2									
3							SM	Silty SAND, fine-grained, reduced, dark gray, damp. Strong petroleum odor.	
4		1577	LAB						
5		1660	H_2O LAB					As above, saturated. Sheen present.	
6		526	LAB				ML	Clayey SILT with some very fine Sand, maroon to brown, saturated,moderate plasticity. Strong petroleum odor.	
7									
8		5.3	LAB						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20								Backfilled with Bentonite from 0 to 8 ft bgs	
21									
22									
23									

Appendix E

Laboratory Analytical Reports – July 2018 Site Assessment

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C80704-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV Center
Client Project Number:	na
Date received:	07/04/18

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	W-B6	W-B7	W-B9	Dupl W-B9	RPD W-B9
Matrix	Water	Water	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	07/04/18	07/04/18	07/04/18	07/04/18	07/04/18	07/04/18	07/04/18
NWTPH-Gx, ug/L								
Mineral spirits/Stoddard	100	nd		nd	nd	nd	nd	
Gasoline	100	nd		11,000	9,600	95,000	100,000	5%
BTEX 8021B, µg/L								
Benzene	1.0	nd	94%	84	200	390	500	25%
Toluene	1.0	nd	106%	52	11	94	120	24%
Ethylbenzene	1.0	nd		530	400	2,000	2,200	10%
Xylenes	1.0	nd		7.6	160	1,800	2,300	24%
Surrogate recoveries:								
Trifluorotoluene		75%	78%	C	C	C	C	
Bromofluorobenzene		96%	100%	C	C	C	C	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C80704-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV Center
Client Project Number:	na
Date received:	07/04/18

Analytical Results

NWTPH-Gx/BTEX		MS	MSD	RPD
Matrix	Water	Water	Water	Water
Date analyzed	Reporting Limits	07/04/18	07/04/18	07/04/18
NWTPH-Gx, ug/L				
Mineral spirits/Stoddard	100			
Gasoline	100			
BTEX 8021B, µg/L				
Benzene	1.0	93%	104%	11%
Toluene	1.0	94%	104%	9%
Ethylbenzene	1.0			
Xylenes	1.0			

Surrogate recoveries:			
Trifluorotoluene	82%	86%	
Bromofluorobenzene	102%	101%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	B2(5.5)	B3(7)	B4(6)	B5(3.5)	B5(6)
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
Date analyzed	Limits	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	70	9.2	nd	nd
BTEX 8021B, mg/kg								
Benzene	0.020	nd	85%	nd	0.070	nd	nd	nd
Toluene	0.050	nd	89%	nd	0.16	nd	nd	nd
Ethylbenzene	0.050	nd		nd	2.4	0.075	nd	nd
Xylenes	0.050	nd		nd	0.99	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		86%	87%	70%	73%	80%	82%	75%
Bromofluorobenzene		104%	99%	101%	114%	120%	126%	109%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx / BTEX		B6(6)	B6(7)	B7(5)	B7(7)	B8(4)	B9(4)	B9(5)
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
Date analyzed	Limits	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	190	120	2,400	920	350	1,200	2,800
BTEX 8021B, mg/kg								
Benzene	0.020	0.59	0.12	0.48	6.0	0.70	2.5	2.2
Toluene	0.050	1.2	0.32	1.6	0.86	1.4	2.8	2.0
Ethylbenzene	0.050	3.1	4.2	20	14	3.0	7.4	13
Xylenes	0.050	1.1	nd	34	7.0	1.6	1.8	26
Surrogate recoveries:								
Trifluorotoluene		120%	87%	C	C	78%	C	73%
Bromofluorobenzene		111%	124%	C	C	119%	C	100%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C80704-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV Center
Client Project Number: na
Date received: 07/04/18

Analytical Results

NWTPH-Gx / BTEX		B9(6)	B9(8)	MS	MSD	RPD	MTH BLK	LCS
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/12/18	07/12/18
Date analyzed	Limits	07/10/18	07/10/18	07/10/18	07/10/18	07/10/18	07/12/18	07/12/18
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd				nd	
Gasoline	5.0	1,100	24				nd	
BTEX 8021B, mg/kg								
Benzene	0.020	3.9	nd	72%	80%	11%	nd	78%
Toluene	0.050	2.0	nd	79%	82%	3%	nd	83%
Ethylbenzene	0.050	23	0.49				nd	
Xylenes	0.050	4.4	0.11				nd	
Surrogate recoveries:								
Trifluorotoluene		84%	75%	91%	93%		84%	86%
Bromofluorobenzene		109%	123%	108%	103%		104%	103%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number:	C80704-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV Center
Client Project Number:	na
Date received:	07/04/18

Analytical Results

NWTPH-Gx / BTEX		B3(12)
Matrix	Soil	Soil
Date extracted	Reporting	07/12/18
Date analyzed	Limits	07/12/18
NWTPH-Gx, mg/kg		
Mineral spirits/Stoddard	5.0	nd
Gasoline	5.0	6.4
BTEX 8021B, mg/kg		
Benzene	0.020	nd
Toluene	0.050	nd
Ethylbenzene	0.050	nd
Xylenes	0.050	nd

Surrogate recoveries:

Trifluorotoluene	79%
Bromofluorobenzene	107%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Appendix F

Field Protocols

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

SOIL BORING AND WELL INSTALLATION STANDARD OPERATING PROCEDURE

EQUIPMENT *(Items in italic provided by drilling subcontractor, verify according to the site sampling plan they bring the appropriate equipment and material.)*

- Sampling and Analyses Plan (SAP)
- Site-specific sampling plan
- Sample location map
- Sample table
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens/marker (e.g. Sharpies®)
- Site logbook, boring log and/or sampling form
- Camera
- Candlestick/cones/barricade
- Caution tape
- Trash bags/plastic sheeting
- Assorted tools (e.g. shovels, wrenches, etc.)
- *Annular materials: silica sand, bentonite pellets and chips, grout*
- *Monitoring well materials: 2-inch schedule 40 PVC riser, well screen and end caps*
- *Completion materials: posts or traffic rated steel monuments, concrete mix, concrete forms*
- *Drilling rig (e.g. hollow stem auger, air/mud rotary, direct push, or sonic)*
- *Disposable acetate liners for direct push*
- *Decontamination equipment such as pressure washer to decontaminate rig and bucket with water and phosphate-free soap (e.g. Alconox®, Liquinox®) for split spoon samplers*

Preliminary Activities

Prior to the onset of field activities at the site, Aerotech obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Aerotech marks the borehole locations and contacts the local one call utility locating service at least 2 full business days prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Additionally, borehole locations may be cleared via air-knife and vacuum operations where proposed locations are in close proximity of buried utilities. Fieldwork is conducted under the advisement of a state registered professional geologist. Monitoring well construction will

comply with Monitoring Well Construction: General, 690-240-100 through Well Seals, WAC 173-160.

Drilling

Aerotech contracts a licensed driller to advance each boring and collect soil samples. The specific drilling method (e.g., hollow-stem auger, direct push method, or sonic drilling), sampling method [e.g., core barrel or California-modified split spoon sampler (CMSSS)] and sampling depths are documented on the boring log and may be specified in a work plan. Soil samples are typically collected at the capillary fringe and at 5-foot intervals to the total depth of the boring. To determine the depth of the capillary fringe prior to drilling, the static groundwater level is measured with a water level indicator in the closest monitoring well to the boring location, if available.

The borehole is advanced to just above the desired sampling depth. For CMSSSs, the sampler is placed inside the auger and driven to a depth of 18 inches past the bit of the auger. The sampler is driven into the soil with a standard 140-pound hammer repeatedly dropped from a height of 30 inches onto the sampler. The number of blows required to drive the sampler each 6-inch increment is recorded on the boring log. For core samplers (e.g., direct push), the core is driven 18 inches using the rig apparatus.

Soil Sampling

Soil is collected according to Aerotech's SOIL SAMPLING STANDARD OPERATING PROCEDURE.

Grab Groundwater Sampling from Soil Boring

In the event that undeveloped grab-groundwater samples are necessary for the scope of work, a temporary well screen is placed across the desired interval of the soil boring. The sample can be collected via disposable bailer or peristaltic pump and disposable tubing. Additionally if direct push technology has been utilized for advancing the soil boring, a groundwater sample, is collected from the boring by using HydropunchTM sampling technology. In the case of using HydropunchTM technology, after collecting the capillary fringe soil sample, the boring is advanced to the top of the soil/groundwater interface and a sampling probe is pushed to approximately 2 feet below the top of the static water level. The probe is opened by partially withdrawing it and thereby exposing the screen. New polyethylene tubing with a peristaltic pump or decontaminated bailer is used to collect a water sample from the probe. The water sample is then emptied into laboratory-supplied containers constructed of the correct material and with the correct volume and preservative to comply with the proposed laboratory test. The container is slowly filled with the retrieved water sample until no headspace remains and then promptly sealed with a Teflon-lined cap, checked for the presence of bubbles, labeled, entered onto a COC record and placed in chilled storage at 4° Celsius. Laboratory-supplied trip blanks accompany the water samples as a quality assurance/quality control procedure. Equipment blanks may be collected as required. The samples are kept in chilled storage and transported under COC protocol to a client-approved, state-certified laboratory for analysis.

Field Screening Procedures

Aerotech staff place the soil from the middle of the sampling interval into a plastic re-sealable bag. The bag is then labeled with the sample number. The tip of a photoionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The highest sustained PID measurement is recorded on the boring log. At a minimum, the PID or organic vapor monitoring device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Aerotech trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, which is included in the final report.

Backfilling of Soil Boring

If a well is not installed, the boring is backfilled from total depth to approximately 5 feet below ground surface (bgs) with either neat cement or bentonite grout using a tremie pipe. The boring is backfilled from 5 feet bgs to approximately 1 foot bgs with hydrated bentonite chips. The borehole is completed from 1 foot bgs to surface grade with material that best matches existing surface conditions and meets local agency requirements. Site-specific backfilling details are shown on the respective boring log.

Monitoring Well Construction

A well (if constructed) is completed using materials documented on the boring log or specified in a work plan. The well is constructed with slotted casing across the desired groundwater sampling depth(s) and completed with blank casing to within 6 inches of surface grade. No further construction is conducted on temporary wells. For permanent wells, the annular space of the well is backfilled with Monterey sand from the total depth to approximately 2 feet above the top of the screened casing. A hydrated granular bentonite seal is placed on top of the sand filter pack. Grout may be placed on top of the bentonite seal to the desired depth using a tremie pipe. The well may be completed to surface grade with a 1-foot thick concrete pad. A traffic-rated well vault and locking cap for the well casing may be installed to protect against surface-water infiltration and unauthorized entry. Site-specific well construction details including type of well, well depth, casing diameter, slot size, length of screen interval and sand size are documented on the boring log or specified in the work plan.

Monitoring Well Development

Following well construction, each monitoring well is developed and surveyed according to Aerotech's MONITORING WELL DEVELOPMENT AND SURVEYING STANDARD OPERATING PROCEDURE.

Well Sampling

Following development, groundwater is collected according to Aerotech's LOW-FLOW GROUNDWATER SAMPLING STANDARD OPERATING PROCEDURE.

Decontamination Procedures

Aerotech and/or the contracted driller decontaminate soil and water sampling equipment between each sampling event with a non-phosphate solution, followed by a minimum of two tap water rinses. Deionized water may be used for the final rinse. Downhole drilling equipment is steam-cleaned prior to drilling the borehole and at completion of the borehole.

Waste Treatment and Soil Disposal

Soil cuttings and decontamination fluids generated from the drilling or sampling are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. Unless otherwise specified in the contract with Aerotech, the client is responsible for disposal of investigation derived waste. Should Aerotech be contracted to complete disposal for the client, drums containing investigation derived waste are subsequently transported under manifest to a client- and regulatory-approved facility for disposal.

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

SOIL SAMPLING STANDARD OPERATING PROCEDURE

EQUIPMENT

- Sampling and Analyses Plan (SAP)
- Site-specific sampling plan
- Sample location map
- Sample table
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens/marker (e.g. Sharpies®)
- Site logbook and/or sampling form
- Camera
- Screening equipment (e.g. Photoionization detector (PID))
- Survey stakes or flags
- Tape measure or measuring wheel
- Plastic sheet
- Soil collection device, heavy equipment (e.g. spoons spade shovel, hand auger, hollow stem auger – split spoon sampler, direct push rig – macro core, shelby tube, backhoe)
- Syringes for EPA Method 5035
- Syringe tool for EPA Method 5035 (e.g. En Core® sampler)
- Pre-weighed and preserved sample vials for EPA Method 5035
- Stainless steel and/or plastic bowls (only if homogenizing composite samples)
- Sample containers, precleaned (e.g., I-Chem)
- Chain-of-custody forms, custody seals, sample labels
- Ziploc® Bags
- Insulated cooler
- Ice
- Plastic bags for sample containers and ice
- Decontamination equipment including tap water and/or deionized water and phosphate-free soap (e.g. Alconox®, Liquinox®)

Soil Sampling

Soil samples are preserved in the metal or plastic sleeve used with the California-modified split spoon sampler (CMSSS) or core sampler, in glass jars or other containers according to the test method and regulatory guidelines (e.g., Environmental Protection Agency Method 5035). Sleeves are removed from the sample barrel, and the lowermost sample sleeve is labeled. Soil is collected from the split spoon sample or direct push core sample into appropriate containers based on the planned test method. Besides the use of a drilling rig, soil may also be collected via hand auger or with a scoop or spoon from the surface or a selected interval from an excavation, trench or test pit.

Soil Sample Collection

Aerotech field personnel are to review the SAP for sample locations and analysis as well as obtain photograph(s) of the material before sampling. If the soil sample is to be a discrete sample, collect soil using a clean/decontaminated stainless-steel (organic analyses) or plastic (inorganic analyses) spoon. If the soil sample is to be a composite, collect soil from all locations to be sampled into one stainless-steel (organic analyses) or plastic (inorganic analyses) bowl and homogenize the soil. If the soil sample is to be a discrete sample for volatile analyses, collect soil using a syringe and place into appropriate pre-weighed sample vial (Volatiles samples may not be composited.).

Next, use the syringe, stainless-steel or plastic spoon to transfer soil sample as appropriate into sample container as specified by the analytical test method. Label and manage sample containers. Decontaminate sampling equipment between each sampling event with a non-phosphate solution, followed by a minimum of two tap water rinses. Deionized water may be used for the final rinse. Ensure activities are well documented in the site logbook or on a designated sampling form. (i.e. collection method, presence of sheen or odor and PID measurement.

Field Screening Procedures

Aerotech field staff place soil from sampling interval into a plastic re-sealable bag. The bag is then labeled with the sample number. The tip of a photoionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The highest sustained PID measurement is recorded on the boring log. At a minimum, the PID or organic vapor monitoring device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Aerotech trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, sampling form or logbook. Selected soil samples for analysis are then placed Samples are placed in a cooler chilled to 4º Celsius and transported to a state-certified laboratory under chain-of custody (COC) protocol.

Extractable Petroleum Hydrocarbons (EPH)/Volatile Petroleum Hydrocarbons (VPH)

To evaluate the potential utilization of site specific cleanup levels (e.g. Ecology's Method B or Method C cleanup levels), Aerotech field personnel will collect additional sample volume to complete EPH/VPH analysis. This test will be completed on samples that are containing petroleum hydrocarbons only, utilizing the previously discussed field screening procedures as well as contaminant source data from previous investigation work.

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Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

MONITORING WELL DEVELOPMENT AND SURVEYING

EQUIPMENT

- Well location map
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens and markers (e.g. Sharpies®)
- Field notebook and/or sampling form
- Survey equipment
- Surge Block
- 55-Gallon Drums
- 5-Gallon Buckets
- 3/8" Tubing
- DC Power Source
- Whale® Pump
- Water Level Indicator
- Hand Tools (e.g. socket set, screw drivers)
- Watch
- Decontamination equipment including tap water and/or deionized water and phosphate-free soap (e.g. Alconox®, Liquinox®)

Preliminary Activities

Prior to the onset of field activities at the site, Aerotech obtains permission from the client to perform activities and obtains any appropriate permit(s) from potential governing agencies. Aerotech field personnel acquires surge block, tubing, down well pump, water quality monitoring equipment, containers for storing purge water and decontamination fluids and survey equipment, and verifies all are in operating condition. Fieldwork is conducted under the advisement of a state registered professional geologist.

Monitoring Well Development

When a permanent groundwater monitoring well is installed, proper well development is necessary to ensure that complete hydraulic connection is made and maintained between the well and the aquifer material surrounding the well screen and filter pack. Well development should

begin no sooner than 48 to 72 hours after well installation to allow grout to cure prior to improvement.

A surge block is used to move sediments from the filter pack into the well casing. A surge block consists of a rubber and metal plunger attached to Schedule 80 PVC sections of sufficient length to reach the bottom of the well. The surge block is constructed of materials that will not introduce contamination into the well. The surge block is moved up and down the well screen interval and then removed, followed by pumping with a downwell pump to remove any sand and silt brought into the well by the surging action. Care is taken to not surge too strongly with subsequent casing deformation or collapse. Surging will be followed by additional pumping to remove fine materials that may have entered the well during the surging effort.

After surging has been completed and the sand content of the pumped water has decreased, a submersible pump is used to continue well development. The pump should be moved up and down the well screen interval until the obtained water is relatively clear. Well development will continue until the water in the well clarifies. It should be noted that where very fine-grained formations are opposite the screened interval, continued well development until clear water is obtained might be impossible. Decisions regarding when to cease development where silty conditions exist will be made between amongst Aerotech personnel.

During well development, the primary criteria used to evaluate whether the well has been completely developed is water clarity. As mentioned above, clear water can often be impossible to obtain with environmental monitoring wells.

The minimum volume of water purged from the well during development will be approximately a minimum of 3 borehole volumes (wells will typically not reach stabilization of water quality parameters before this condition is achieved and may not have reached stability even after this threshold has been achieved). The above is a general guideline for difficult well development. Development water will be stored in 55-gallon Department of Transportation (DOT) -approved drums.

Surveying

If required, wells are surveyed relative to an established benchmark of known elevation above mean sea level to an accuracy of +/- 0.005 foot. The casing is notched or marked on one side to identify a consistent surveying and measuring point.

Decontamination Procedures

Aerotech personnel completing the monitoring well development equipment will also decontaminate between each monitoring well. The decontamination procedure will consist of washing with a non-phosphate solution, followed by a minimum of two tap water rinses. Deionized water may be used for the final rinse.

Waste Storage and Disposal

Decontamination fluids and purge water from well development and sampling activities are stored on site in labeled, DOT-approved storage containers. No containers will be left on-site

without a label indicating the material matric, accumulation date, project name, project address and Aerotech contact information. Unless otherwise specified in the contract with Aerotech, the client is responsible for disposal of investigation derived waste. Should Aerotech be contracted to complete disposal for the client, drums containing investigation derived waste are subsequently transported under manifest to a client- and regulatory-approved facility for disposal.

AEROTECH
Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

LOW-FLOW GROUNDWATER SAMPLING STANDARD OPERATING PROCEDURE

EQUIPMENT

- Sampling and Analyses Plan (SAP)
- Site-specific sampling plan
- Sample location map
- Sample table
- Safety equipment, as specified in the Health and Safety Plan
- Permanent pens and markers (e.g. Sharpies®)
- Field notebook and/or sampling form
- Camera
- YSI water quality monitoring equipment (e.g. YSI monitor and flow through cell)
- Sample containers, precleaned (e.g., I-Chem)
- 55-Gallon Drums
- Two 5-Gallon Buckets
- 3/8" Tubing
- Power Source/cables
- Peristaltic or down-well pump
- Water Level Indicator
- Tool box with hand tools (e.g. socket set, screw drivers)
- Trash bags/plastic sheeting
- Candlestick/cones/barricade
- Caution tape
- Scissors/knife
- Paper towels
- Watch
- Decontamination equipment including tap water and/or deionized water and phosphate-free soap (e.g. Alconox®, Liquinox®)
- Chain-of-custody forms, custody seals, sample labels
- Ziploc® Bags
- Insulated cooler
- Ice
- Plastic bags for sample containers and ice

The following protocol and sampling procedures were designed to meet or exceed standards for groundwater monitoring well sampling, as specified by the State of Washington Department of Ecology *"Standard Operating Procedures for Purging and Sampling Monitoring Wells, Version 1.0,"* dated and approved on October 4, 2011. These procedures are strictly adhered to by Aerotech field staff:

Cross-Contamination Mitigation Protocol

A sampling table is set up adjacent to the well head in order to protect field equipment from contact with the ground, to prevent or minimize the possible introduction of foreign materials into the wells, and in general in order to mitigate the possibility of cross-contamination. Where previous laboratory data is available, or where visual of olfactory indicators provide initial evidence, well sampling order is arranged to proceed with the least contaminated well, often the upgradient groundwater monitoring wells, and sampling order proceeds by sampling wells associated with successively higher contamination levels. Thus, the wells exhibiting the highest contamination levels are sampled last, in order to minimize the possibility of cross contamination.

A fresh pair of disposable Nitrile gloves is worn at each well. Equipment neither disposable nor dedicated to wells, is washed in a dedicated container prepared with non-phosphate detergent and triple rinsed in a second container prepared with distilled and/or deionized water. Surfaces that cannot be readily submerged for the purpose of decontamination, are sprayed with wash water followed by rinse water, and wiped with a fresh disposable paper towel. For shallow wells that require a peristaltic pump, dedicated tubing is left in each well after sampling, however, for deeper wells that require a submersible pump, dedicated tubing is recovered from wells after each use, and deployed to a designated dedicated clean plastic bag, bearing a label indicating well identification information.

Water Level Measurement

Prior to the well purge process and the collection of groundwater samples, groundwater levels are measured at the north side of the ("TOC") with a piezometer/water level indicator, by slowly lowering the sensor into wells prior to purging, in order to minimize disturbances. The water levels are measured twice, with tape a marked in 0.01 foot increments, in order to reduce possible reading error. Where appropriate, free product thickness is measured with gas level indicator paste or an interface indicator. Upon arrival, each well is visual inspected and the condition of the well and well head are noted.

Groundwater Monitoring Well Purge and Sampling Methodologies

Prior to groundwater sample collection, A dedicated length of high density polyethylene tubing is lowered into each well to a level near the middle of the screened interval. A dedicated length of clean silicone tubing is utilized within the pump mechanism. The wells are purged by means of low flow techniques, during which time groundwater is monitored for physical parameters, including temperature, pH, specific conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP), by means of a multi-parameter device mounted upon a flow cell, until such time as values recorded have stabilized and equilibrium conditions are verified according to State guidelines. This protocol ensures that collected groundwater samples are

representative of in-situ groundwater conditions. Readings are recorded once every 2 to 5 minutes, including water level measurement. The pumping rate shall remain below 1 L/min during monitoring and sampling procedures. This is verified by periodically filling a one-Liter graduated cylinder and recording the rate, adjusting the pump as necessary. The water column within the well should remain within 5% of the static height during the purge and sample process, if this cannot be achieved, the pump rate will be reduced until the water level stabilizes. The following conditions must be met in three consecutive readings prior to sampling:

• pH	+/- 0.1 standard units
• Specific Conductivity	+/- 10.0 mS/cm for values < 1,000 mS/cm
	+/- 20.0 mS/cm for values > 1,000 mS/cm
• DO	+/- 0.05 mg/L for values < 1 mg/L
	+/- 0.2 mg/L for values > 1 mg/L
• Temperature	+/- 0.1 degrees Celcius
• ORP	+/- 10 mV

Groundwater samples are collected in containers specified by the laboratory for the analyses established at the Site, and in accordance with State of Washington regulations or guidelines. Sample containers are labeled with site name, well identification, and date of collection information. Each sample is documented on a *Chain of Custody* (“”COC”) form, and immediately placed in an iced cooler (maintained at 4 degrees Celcius or less) for transport to a certified laboratory for analysis. Please note that any purge water suspected or confirmed to contain concentrations above the MTCA Cleanup Levels is drummed and left on Site.

Appendix G

Photographs

Setup at B2 Location (MW5 in the Foreground)

Drilling at B3 Location (MW5 to the Left, MW12 to the Right)

Soil Profile of B2

Soil Profile of B3

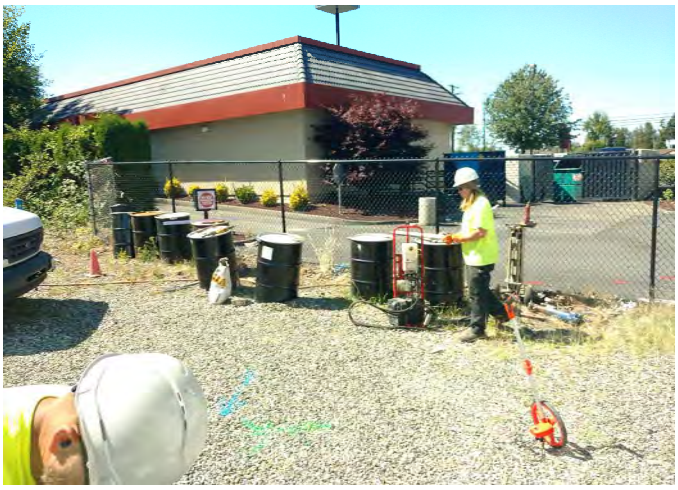

Area of Soil Borings B6 through B9, at the Northern Property Boundary

Sampling Tube Extractor at B5 Location

Looking Southwest at the Piping and Pump Housing, MW5 with Low-Flow Setup in the Foreground (10/12)

Looking Northwest Down the Property Line from MW5 (10/12)

Off-Ramp Construction Area with MW5 in the Foreground (10/12)

Looking Southeast down the Property Line from the BioSwale (MW11 in the Foreground) (10/12)

View from MW5/6 Looking Southwest Across the Drainage Ditch (Pre-Construction 7/3/18)

Pump Housing located in the Off-Ramp Construction Area to the SW (10/12/18)

Appendix H

Terrestrial Ecological Evaluation

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: Fife RV Center.	
Facility/Site Address: 3410 Pacific Highway East, Fife, Washington 98424	
Facility/Site No:	VCP Project No.:

Step 2: IDENTIFY EVALUATOR			
Please identify below the person who conducted the evaluation and their contact information.			
Name: Justin Foslien			Title: Licensed Geologist
Organization: Aerotech Environmental			
Mailing address: 13925 Interurban Avenue South #210			
City: Tukwila		State: WA	Zip code: 98168
Phone: 206 257 4211	Fax: 206 402 3872	E-mail: justin@dirtydirt.us	

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2**.*

☒ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

± "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

"Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☒ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☒ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

☐ No issues were identified during the problem formulation step.

☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*

☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use? *Check all that apply. See* WAC 173-340-7493(3).

☐ Literature surveys.

☐ Soil bioassays.

☐ Wildlife exposure model.

☐ Biomarkers.

☐ Site-specific field studies.

☐ Weight of evidence.

☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

☐ Confirmed there was no problem.

☐ Confirmed there was a problem and established site-specific cleanup levels.

5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.

Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341

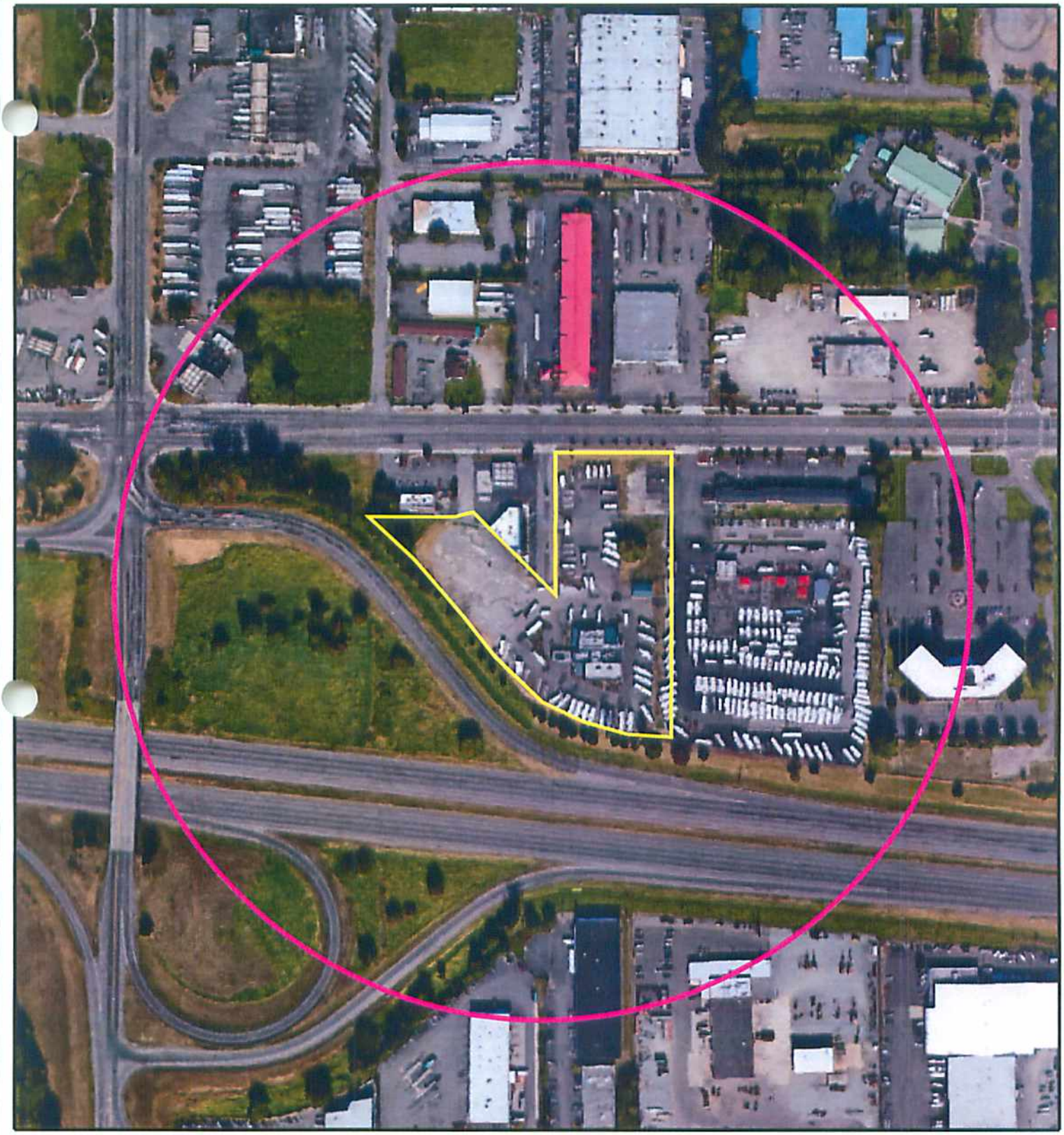

Subject Site

0 200 400

SCALE (feet)

500-Foot Radius of Site

AEROTECH ENVIRONMENTAL CONSULTING

500-FOOT RADIUS MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 12/27/16
By: Nick Gerkin
Figure: TEE

Table 749-1

Simplified Terrestrial Ecological Evaluation-Exposure Analysis Procedure

Estimate the area of contiguous (connected) undeveloped land on the site or within 500 feet of any area of the site to the nearest 1/2 acre (1/4 acre if the area is less than 0.5 acre).	
1) From the table below, find the number of points corresponding to the area and enter this number in the field to the right.	~ 2.0
Area (acres) / Points 0.25 or less / 4 0.5 / 5 1.0 / 6 1.5 / 7 2.0 / 8 2.5 / 9 3.0 / 10 3.5 / 11 4.0 or more / 12	8
2) Is this an industrial or commercial property? If yes, enter a score of 3. If no, enter a score of 1	3
3)[a] Enter a score in the box to the right for the habitat quality of the site, using the following rating system[b]. High=1, Intermediate=2, Low=3	1
4) Is the undeveloped land likely to attract wildlife? If yes, enter a score of 1 in the box to the right. If no, enter a score of 2.[c]	1
5) Are there any of the following soil contaminants present: Chlorinated dioxins/furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, pentachlorobenzene? If yes, enter a score of 1 in the box to the right. If no, enter a score of 4.	4
6) Add the numbers in the boxes on lines 2-5 and enter this number in the box to the right. If this number is larger than the number in the box on line 1, the simplified evaluation may be ended.	9

Notes for Table 749-1

[a] It is expected that this habitat evaluation will be undertaken by an experienced field biologist. If this is not the case, enter a conservative score of (1) for questions 3 and 4.

[b] **Habitat rating system.** Rate the quality of the habitat as high, intermediate or low based on your professional judgment as a field biologist. The following are suggested factors to consider in making this evaluation:

> **Low:** Early successional vegetative stands; vegetation predominantly noxious, nonnative, exotic plant species or weeds. Areas severely disturbed by human activity, including intensively cultivated croplands. Areas isolated from other habitat used by wildlife.

High: Area is ecologically significant for one or more of the following reasons: Late-successional native plant communities present; relatively high species diversity; used by an uncommon or rare species; priority habitat (as defined by the Washington Department of fish and Wildlife); part of a larger area of habitat where size or fragmentation may be important for the retention of some species.

Intermediate: Area does not rate as either high or low.

[c] Indicate "yes" if the area attracts wildlife or is likely to do so. Examples: Birds frequently visit the area to feed; evidence of high use b mammals (tracks, scat, etc.); habitat "island" in an industrial area; unusual features of an area that make it important for feeding animals; heavy use during seasonal migrations.

[Area Calculation Aid] [Aerial Photo with Area Designations] [TEE Table 749-1] [Index of Tables]

[Exclusions Main] [TEE Definitions] [Simplified or Site-Specific?] [Simplified Ecological Evaluation] [Site-Specific Ecological Evaluation] [WAC 173-340-7493]

[TEE Home]

Table 749-2

Priority contaminants of ecological concern for sites that qualify for the simplified terrestrial ecological evaluation[a]

Soil Concentration (mg/kg)		
Priority Contaminant	Unrestricted Land Use[b]	Industrial or Commercial Site
METALS[c]		
Antimony	See Note [d]	See Note [d]
Arsenic III	20 mg/kg	20 mg/kg
Arsenic IV	95 mg/kg	260 mg/kg
Barium	1,250 mg/kg	1,320mg/kg
Beryllium	25 mg/kg	See Note [d]
Cadmium	25 mg/kg	36 mg/kg
Chromium (total)	42 mg/kg	135 mg/kg
Cobalt	See Note [d]	See Note [d]
Copper	100 mg/kg	550 mg/kg
Lead	220 mg/kg	220 mg/kg
Magnesium	See Note [d]	See Note [d]
Manganese	See Note [d]	23,500 mg/kg
Mercury, inorganic	9 mg/kg	9 mg/kg
Mercury, organic	0.7 mg/kg	0.7 mg/kg
Molybdenum	See Note [d]	71 mg/kg
Nickel	100 mg/kg	1,850 mg/kg
Selenium	0.8 mg/kg	0.8 mg/kg
Silver	See Note [d]	See Note [d]
Tin	275 mg/kg	See Note [d]
Vanadium	26 mg/kg	See Note [d]
Zinc	270 mg/kg	570 mg/kg
PESTICIDES		
Aldicarb/aldicarb sulfone (total)	See Note [d]	See Note [d]
Aldrin	0.17 mg/kg	0.17 mg/kg
Benzene hexachloride (including lindane)	10 mg/kg	10 mg/kg

Carbofuran	See Note [d]	See Note [d]
Chlordane	1 mg/kg	7 mg/kg
Chlorpyrifos/chlorpyrifos-methal (total)	See Note [d]	See Note [d]
DDT/DDD/DDE	1 mg/kg	1 mg/kg
Dieldrin	0.17 mg/kg	0.17 mg/kg
Endosulfan	See Note [d]	See Note [d]
Endrin	0.4 mg/kg	0.4 mg/kg
Heptachlor/heptachlor epoxide (total)	0.6 mg/kg	0.6 mg/kg
Hexachlorobenzene	31 mg/kg	31 mg/kg
Parathion/methyl parathion (total)	See Note [d]	See Note [d]
Pentachlorophenol	11 mg/kg	11 mg/kg
Toxaphene	See Note [d]	See Note [d]
OTHER CHLORINATED ORGANICS		
Chlorinated dibenzofurans (total)	3E-06 mg/kg	3E-06 mg/kg
Dioxins	5E-06 mg/kg	5E-06 mg/kg
Hexchlorophene	See Note [d]	See Note [d]
PCB mixtures (total)	2 mg/kg	2 mg/kg
Pentachlorobenzene	168 mg/kg	See Note [d]
OTHER NONCHLORINATED ORGANICS		
Acenaphthene	See Note [d]	See Note [d]
Benzo(a)pyrene	30 mg/kg	300 mg/kg
Bis (2-ethylhexyl) phthalate	See Note [d]	See Note [d]
Di-n-butyl phthalate	200 mg/kg	See Note [d]
PETROLEUM		
Gasoline Range Organics	200 mg/kg	12,000 mg/kg except that the concentration shall not exceed residual saturation at the soil surface.
Diesel Range Organics Common examples of diesel range organics include: Diesel #2, Fuel Oil #2, and light oil including some bunker oils. Refer to Table 830-1	460 mg/kg	15,000 mg/kg except that the concentration shall not exceed residual saturation at the soil surface.

Table 749-2 Notes

[a] Caution on misusing these chemical concentration numbers. These values have been developed for use at sites where a site-specific terrestrial ecological evaluation is not required. They are not intended to be protective of terrestrial ecological receptors at every site. Exceedances of the values in this table do not necessarily trigger requirements for cleanup action under this chapter. The table is not intended for purposes such as evaluating sludges or wastes.

This list does not imply that sampling must be conducted for each of these chemicals at every site. Sampling should be conducted for those chemicals that might be present based on available information, such as current and past uses of chemicals at the site.

[b] Applies to any site that does not meet the definition of industrial or commercial.

[c] For arsenic, use the valence state most likely to be appropriate for site conditions, unless laboratory information is available. Where soil conditions alternate between saturated, anaerobic and unsaturated, aerobic states, resulting in the alternating presence of arsenic III and arsenic V, the arsenic III concentrations shall apply.

[d] Safe concentration has not yet been established.

[Area Calculation Aid] [Aerial Photo with Area Designations] [TEE Table 749-1] [TEE Table 749-2] [TEE Table 749-3] [TEE Table 749-4] [TEE Table 749-5] [TEE Table 830-1]

[Exclusions Main] [TEE Definitions] [Simplified or Site-Specific?] [Simplified Ecological Evaluation] [Site-Specific Ecological Evaluation] [WAC 173-340-7493]

[TEE Home]

Appendix I

Supplemental Documents – Previously Proposed Development with As-Builts

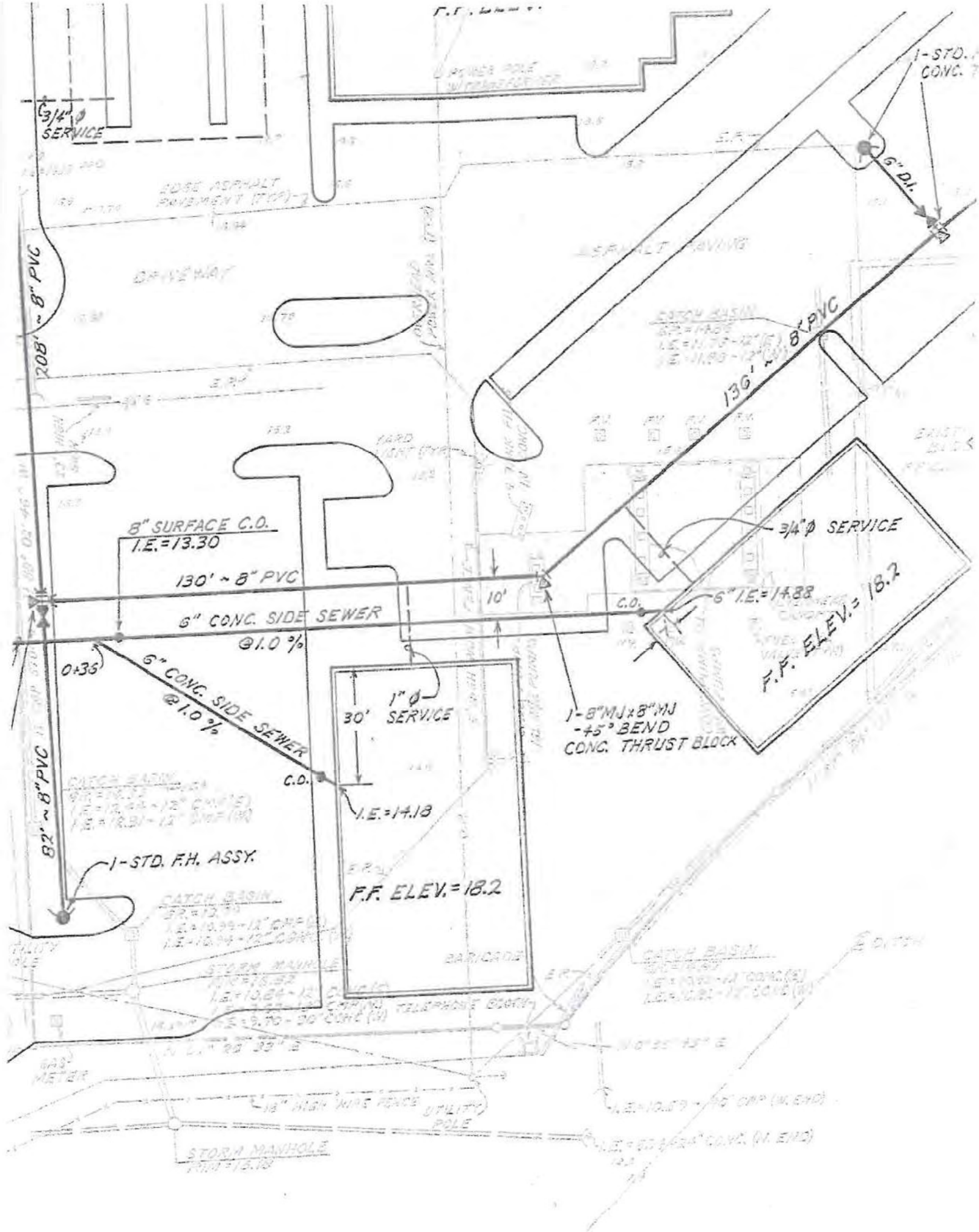
3/4" Ø SERVICE
208' ~ 8" PVC
8" SURFACE C.O.
I.E.=13.30
130' ~ 8" PVC
6" CONC. SIDE SEWER
@1.0 %
0+35
6" CONC. SIDE SEWER
@1.0 %
82' ~ 8" PVC
1-STD. F.H. ASSY.
30'
1" Ø SERVICE
C.O.
I.E.=14.18
F.F. ELEV.=18.2
10'
C.O.
1-8"MJ x 8"MJ
-45° BEND
CONC. THRUST BLOCK
6" I.E.=14.88
3/4" Ø SERVICE
F.F. ELEV.=18.2
130' ~ 8" PVC
6" D.I.
1-STD.
CONC.

Appendix J

Supplemental Documents – RZA Reports on Jack in the Box Parcel

Subsurface Exploration and Geotechnical Engineering Report
Proposed Jack-In-The-Box Restaurant
Pacific Highway South and Port of Tacoma Road
Fife, Washington

Prepared for

Foodmaker, Inc.
2395 American Avenue
Hayward, California 94545

Prepared By

Rittenhouse-Zeman & Associates, Inc.
1400 - 140th Avenue N.E.
Bellevue, Washington 98005

December 1987

W-5435

2 December 1987

W-5435

Foodmaker, Inc.
2395 American Ave.
Hayward, California 94545

Attention: Mr. Chris Smith

Subject: Subsurface Exploration and Geotechnical Engineering Report
Proposed Jack-In-The-Box Restaurant
Pacific Highway South and Port of Tacoma Road
Fife, Washington

Gentlemen:

We are pleased to present herein a copy of the above referenced report. This report presents the results of our subsurface exploration and geotechnical engineering study relative to the foundation and construction considerations for the proposed project. Authorization to proceed with this study was provided verbally from Chris Smith of Foodmaker, Inc. on 2 November 1987. This report has been completed in general accordance with our preliminary findings and Proposal for Supplemental Geotechnical Services in a letter dated 30 October 1987.

We appreciate this opportunity to be of service to you and will be pleased to discuss the contents of this report or other aspects of the project with you at your convenience.

Respectfully submitted,

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.

James S. Dransfield

James S. Dransfield, P.E.
Senior Project Engineer

SUBSURFACE EXPLORATION AND
GEOTECHNICAL ENGINEERING REPORT
PROPOSED JACK-IN-THE-BOX RESTAURANT
PACIFIC HIGHWAY SOUTH AND PORT OF TACOMA ROAD
FIFE, WASHINGTON

1.0 SUMMARY

The proposed project construction is considered feasible with respect to the subsurface conditions encountered at the subject site. A brief summary of the main project geotechnical considerations is presented below:

- Our subsurface exploration program at the site consisted of two backhoe test pits and one hollow-stem auger boring.
- Subsurface conditions disclosed in our explorations generally consisted of 5 to 6 feet of medium dense to very dense gravelly sand fill overlying roughly 14 feet of soft to medium stiff silt with interbedded loose sand, underlain by denser sands with interbedded silts to the bottom of our deepest exploration at 59 feet the ground surface. The groundwater table was encountered approximately 17 feet below the ground surface.
- In our opinion, shallow spread footings founded upon either a preloaded fill or a prerolled subgrade would perform satisfactorily with respect to bearing capacity. However, long-term settlements of footings founded on existing site conditions are anticipated to be on the order of 2 inches. A short-term preload could reduce the anticipated total long-term settlements to 1 inch or less. If the owner cannot allow time to surcharge the site, and cannot tolerate the risk of settlement associated with "floating" the foundation, consideration should be given to a pile foundation.
- The risk of settlement of the floor slab constructed on the existing site grade is moderate. Again, the amount of settlement could be reduced by a site preload. Alternatively, only minimal settlements would be likely with a structurally supported floor in conjunction with a pile foundation.

This summary is presented for introductory purposes and should be used in conjunction with the full text of this report. The project description, site

conditions and our detailed design recommendations are presented in the text of this report. The exploration procedures and logs are presented in Appendix A.

2.0 PROJECT DESCRIPTION

The site is a rectangular shaped lot located roughly 100 feet east of the southeast corner of the intersection of Pacific Highway South and Port of Tacoma Road in Fife, Washington. The parcel has about 150 feet of frontage along Pacific Highway South, and is roughly 130 feet deep in a north-south direction.

The proposed project would consist of the construction of a single-story restaurant, with slab-on-grade floors. We understand footing loads will be moderately light. Major portions of the north side of the site are already asphalt paved and will serve as future parking areas. The portion of the site immediately surrounding the restaurant is to be developed for drive-thru lanes and dumpster aprons with rigid concrete pavement. We understand that the new building and surrounding pavement will be at approximately the same elevation as existing site grade. The location of the proposed structure and the approximate locations of the explorations accomplished for this study are shown on the Site and Exploration Plan, Figure 1.

The purpose of this study was to establish general subsurface conditions at the site, from which conclusions and recommendations for foundation design and construction for the project could be formulated. The scope of work consisted of field explorations, geotechnical engineering analyses and report preparation. In the event of any changes in the nature, design or location of the structures, the conclusions and recommendations contained in this report should be reviewed and modified, if necessary, to reflect the changes. This report has been prepared for the exclusive use of Foodmaker, Inc. and their agents, for specific application to this project in accordance with generally accepted geotechnical engineering practices.

3.0 SITE CONDITIONS

The site conditions were evaluated for this study in October and November 1987. The surface and subsurface conditions are described below, while the exploration

procedures and interpretive logs of the explorations are apresented in Appendix A. The proposed site development and approximate locations of the explorations accomplished for this study are indicated on the Site and Exploration Plan, Figure 1.

3.1 SURFACE CONDITIONS

The topography across the parcel was observed to be fairly flat-lying, with the exception of a triangular-shaped detention pond roughly 6 feet deep and about 50 feet on each side in dimension. The detention pond was located immediately south of the building pad. The southeast corner of the building pad, and areas to the east and north were mostly asphalt paved. The majority of the building pad and portions of the site to the west were non-paved. Only sparse vegetation was noted on the non-paved portions of the site at the time of our study. No surface water was noted at the time of our site visit. However, the low area on the site reportedly serves as a storm water detention basin.

3.2 SUBSURFACE CONDITIONS

The subsurface conditions encountered in our explorations across the site consisted of a 5 to 6 foot layer of relatively dense sand fill over interbedded softer alluvial deposits. The two test pits and one boring were advanced within the building pad area and encountered 5 to 6 feet of medium dense to very dense, gravelly sand (fill), with one interbedded silt layer at 3 to 3-1/2 feet in test pit TP-2. Intermixed construction debris was noted in the lower portions of the fill in both test pits. Beneath the sand fill, soft to medium stiff, wet to saturated brownish-gray silt with some intermixed peat was encountered which extended to 19 feet below the ground surface. An interbedded silty, fine sand layer was encountered at 12 to 14 feet below the ground surface in our test boring. Beneath the soft to medium stiff silt layer, medium dense to dense dark gray to black, silty, fine sand was encountered to 41-1/2 feet below the ground surface. A 4-1/2 foot layer of soft silt was encountered below the medium dense to dense sand. The test boring bottomed in a layer of dense silty, sand interbedded with very stiff to hard fine sandy silt, to the full depth of our exploration at 59 feet below the ground surface.

Groundwater was measured in an observation well (installed during drilling) at roughly 17 feet below the ground surface twelve days after completion of the drilling. Slight seepage was noted in our test pits at 10.5 feet below the ground surface. It should be noted that the groundwater level and subsurface seepage volumes may fluctuate due to variations in rainfall, season, the level of the adjacent detention pond, changes in site utilization and other factors.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The project site is to be developed for a single-story restaurant with slab-on-grade floors, surrounded by asphalt-paved parking and driveways. In addition to asphalt-paved areas, we understand a concrete drive-thru lane is to be constructed and a concrete pad will be installed in front of the trash enclosure. We understand grades will remain at roughly the same elevation, to match the level of the existing parking area to the north.

Based on our understanding of construction of nearby buildings, and reported site history, we understand the site was filled with the 5 to 6 feet of fill to its present level at least two to three years ago. We understand the nearby light structures including a high single-story restaurant and a single-story deli were "floated" on the upper sand fill with no mitigative site pretreatment. Based upon our explorations, laboratory testing, and our understanding of site history, the parcel appears adequate for the proposed development, utilizing shallow foundation support and slab-on-grade floors without pretreatment, assuming that your structure can tolerate some differential settlement. The risk of somewhat greater settlements should be anticipated over the long-term (say 10 to 20 years) if the structure is floated on the existing site soils. If the structure is not settlement tolerant, it would be necessary to surcharge or use piles. Surcharging is often more economical but does add a time constraint to construction. A pile foundation and a structural floor would provide more positive assurance with regard to settlement and can be installed rapidly.

We estimate long-term settlements of as much as 2 inches may occur if the building is "floated" on existing site grade. Settlements could be reduced to 1 inch or

less if a surcharge of 5 feet is placed on the site for roughly 45 to 60 days. Based upon our previous discussions with the owner, we assume that settlements exceeding 1 inch would not be acceptable. The following recommendations in this report therefore, are based on our recommended alternative of surcharging the building pad, and then removing that surcharge prior to construction of a slab-on-grade and shallow foundation system. We can provide more detailed information for the pile foundation option if desired.

If the owner elects to "float" the structure, the following recommendations would apply (excluding, of course, the preloading discussion). Where the fill is penetrated, or structures or utilities are installed more than 18 inches below grade, we recommend overexcavating 2 feet lower and backfilling with "structural fill" (as described subsequently).

4.1 Site Preparation

All vegetation, fill mounds, topsoil and other debris on the surface of the site should be removed from building and pavement areas as a first step in site preparation and prior to preloading. The subgrade surface should then be compacted to a minimum of 90 percent density, using ASTM:D 1557 as the standard. The preload fill below slab or pavement grade should be then be placed as "structural fill" (as described in the subsequent section), compacted to 90 percent density at least up to finished floor subgrade elevation. Fill placed above finished grades need only be nominally compacted to allow for equipment traffic and easy passage. Settlement plates roughly 18 inches square should be placed at the base of the fill prior to fill placement, fitted with pipes extending up through the fill to serve as survey monuments to monitor site settlement response with time.

With increasing thickness of preload fill and longer duration for the preload, future settlements would be reduced and site densification would increase. We have performed a consolidation test on a sample of the compressible silts obtained at roughly 10 feet below the ground surface. The results of this test are attached as Appendix B at the end of this report. We would recommend placement of about

5 feet of fill for about 45 to 60 days as a minimum preloading duration for the site. The settlement plates should be monitored by survey twice weekly immediately after their installation, and weekly thereafter. We should be provided with the surveying results of the settlement plates during preloading, so that the progress of the preload can be evaluated, and so that the preload fill can be removed as soon as possible to accommodate the remaining construction activities.

4.2 Structural Fill

All fill placed beneath building areas, parking areas, drives and walkways, should be placed in accordance with the recommendations herein for structural fill. Prior to placement of structural fill, the surfaces to receive soil should be prepared as previously recommended. Structural fill should be placed in loose lifts not exceeding 8 inches in thickness. Individual lifts should be mechanically compacted to a density of at least 90 percent of the modified Proctor maximum density (ASTM:D 1557). We recommend that a representative of our firm be present during placement of structural fill to observe the work and perform a representative number of in place density tests. In this way, the adequacy of the earthwork may be evaluated as the grading progresses.

The suitability of soils for structural fill use depends primarily on the gradation and moisture of the soil when it is placed. As the amount of fines (that portion passing the U.S. No. 200 sieve) increases, the soils become increasingly sensitive to small changes in moisture content and adequate compaction becomes more difficult or impossible to achieve. Portions of the near surface soils we encountered on the site contained more than about 5 percent fines by weight, and could not be consistently compacted to a firm, non-yielding condition when the moisture content is more than about 2 percent above optimum. Therefore, at this site, earthwork should be scheduled during warm, dry weather, in order to use the onsite soils as structural fill. Even then, delays in grading are common due to inclement weather. If rain occurs while the subgrade is exposed or during placement of onsite silty materials (or any soil with over 5 percent fines), the wetted material must be allowed to dry prior to additional filling. It may be necessary to scarify the

upper layer, allow it to dry, and then recompact prior to additional filling. Over-excavation and removal of wet materials may be necessary if weather conditions preclude drying and recompaction.

If the site soils cannot be used for fill, due to their elevated silt and moisture content, it may be expedient to import a "clean" granular material for structural fill use. Similarly, only "clean" granular material should ideally be utilized for preload fill, since such material could be reused as structural fill during most weather conditions. In this case, the imported soils should contain no more than 5 percent (by weight) material passing the U.S. No. 200 sieve when measured on the minus No. 4 fraction. A material of this type may be successfully placed and compacted under a wide variety of weather conditions. Structural fill should be free of organics and other deleterious material with individual particles no greater than 6 inches in diameter.

4.3 Foundations

The proposed foundation may be supported by conventional spread or continuous footings. These foundation elements should be supported by the existing medium to very dense fill soils, or structural fill placed directly above these suitable bearing soils. We anticipate that footing loads will be light to moderate. Contingent on this condition, we recommend that the foundations be designed with an allowable bearing pressure of 2100 pounds per square foot (psf). This allowable bearing pressure may be increased by up to one-third to accommodate seismic or transient loads. Exterior footings should penetrate at least 18 inches below lowest surrounding ground surface for frost protection. Interior footings need only extend 12 inches below the surrounding ground or slab surfaces. All footings should have a minimum width of at least 12 inches. In all cases, footings must penetrate into the prescribed bearing stratum. Foundation elements should not be set in or above loose or disturbed soils or topsoil. For foundation elements on the site founded upon the preloaded sand fills, maximum future total settlements may be on the order of 1 inch with differential settlement equal to roughly one-half of the total observed. If loose, disturbed or soft materials are left within

the foundation area prior to concrete placement, the above settlements may be increased. Therefore, it would be appropriate to have the conditions of all footings observed by the geotechnical engineer or his representative immediately prior to concrete placement, in order to confirm bearing conditions are uniform and consistent with those assumed in design.

4.4 Slab-On-Grade Floors

The subgrade to support the ground level floor slab should be prepared in accordance with our previous site preparation recommendations. Slabs-on-grade should be founded on a preloaded fill with its surface compacted to at least 90 percent density (ASTM:D 1557). We recommend the uppermost 4 inches of fill beneath the slab consist of clean, sand and gravel, crushed rock or pea gravel, to serve as a capillary break and working surface. The fines content of the capillary break should be limited to 5 percent or less, and the capillary break should contain at least 40 percent gravel, by weight. Additionally, an impervious moisture barrier should be utilized to protect the slab from dampness. If the floor slab level is near or below adjacent exterior grades, perforated pipe perimeter drains should be installed around the buildings and footing trenches.

4.5 Drainage Considerations

Portions of the subsoils are silty and can result in the development of a temporarily perched groundwater condition. Additionally, traffic across the soils when they are wet will lead to the disturbance of otherwise firm strata. Therefore, prior to site work and construction, the contractor should be prepared to carry surface runoff around the exposed ground. This may be accomplished by the use of open ditches or other measures.

In planning, site grades should be set so that water does not collect adjacent to the building. Instead, the ground should be sloped away from the structures so that runoff may be carried to the storm drain system. All perimeter footings and retaining walls should be provided with a perforated pipe drain at the base. This drainpipe should be fully enveloped by at least 6 inches of pea gravel. The foundation drainage system should be routed via tight-line downslope by gravity to

a suitable discharge point. Roof and surface runoff should not discharge into the footing drain system. Instead, a separate tight-line drain or splashblocks should be used. In those areas where excavations are made, seepage zones may develop from cut faces. Such localized seepage areas should be blanketed by rock to control piping and erosion.

4.6 Pavement

We understand the existing asphalt-paved parking area to the north will be used for the facility. Some portions of the south half of the site will be asphalt-paved, and other areas will be developed to support rigid concrete pavement for drive-thru lanes and sidewalks, and dumpster apron. Pavement design, it must be recognized, is a compromise between high initial cost with little maintenance on one side and low initial cost coupled with the need for periodic repairs. As a result, the owner will need to take part in development of the appropriate pavement sections. Critical features which govern the durability of a surfacing include the stability of the subgrade, the presence or absence of moisture, free water and organics, the fines content of the subgrade soils, the traffic volume, and the frequency of use by heavy vehicles.

4.6.1 Asphalt Pavement

The on-site soils are relatively dense sands with some silt and exhibit moderate subgrade support characteristics. We would recommend the surface of the subgrade be compacted to 90 percent density (ASTM:D 1557). A recommended minimum pavement section for the parking areas and drive-thru lanes would have an asphaltic-concrete thickness of 3 inches underlain by a minimum of 4 inches of crushed aggregate.

If the risk of some cracking of the asphalt and the attendant need for periodic maintenance could be tolerated, a thinner pavement section could be considered. This may best be evaluated during construction, when the performance of the existing pavement under heavy truck traffic can be observed. A possible alternative section would be to construct a thicker pavement section in heavy traffic lanes such as main driveways, entrances, etc., and to use a thinner section for dedicated parking areas not subjected to truck or heavy traffic.

4.6.2 Rigid Concrete Pavement

For rigid pavment design, we recommend utilizing a modulus of vertical subgrade reaction of 200 pci (pounds per cubic inch), if the concrete roadway is underlain by free-draining granular backfill compacted to 90 percent density using ASTM:D 1557 as the standard. We have assumed a working stress (modulus of rupture) in the concrete of 335 psi. For design of concrete drive-thru lanes and dumpster areas, we assumed 100,000 equivalent 18 kip axle-loads occurring over the 20-year design life. Based on review of design charts ("Principles of Pavement Design", Yoder and Witzak (1975)), a minimum slab thickness of 6 inches would be recommended for both drive-thru lanes and the dumpster approach apron.

5.0 CLOSURE

The conclusions and recommendations presented in this report are based on the explorations accomplished for this study. The number, location and depth of the explorations were completed within the site and proposal constraints so as to yield the information used to formulate the design recommendations. The integrity of the foundation depends on proper site preparation and construction procedures. Because of the settlement sensitivity of the facility, geotechnical engineering decisions may be required in the event that localized variations become apparent during construction. It is recommended that we be retained to provide geotechnical engineering services during the site preparation, preload placement, and foundation construction phases of this project.

Respectfully submitted,

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.

James S. Dransfield, P.E.
Senior Project Engineer

Kurt W. Groesch, P.E.
Associate

JAMES S. DRANSFIELD
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

KURT W. GROESCH
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

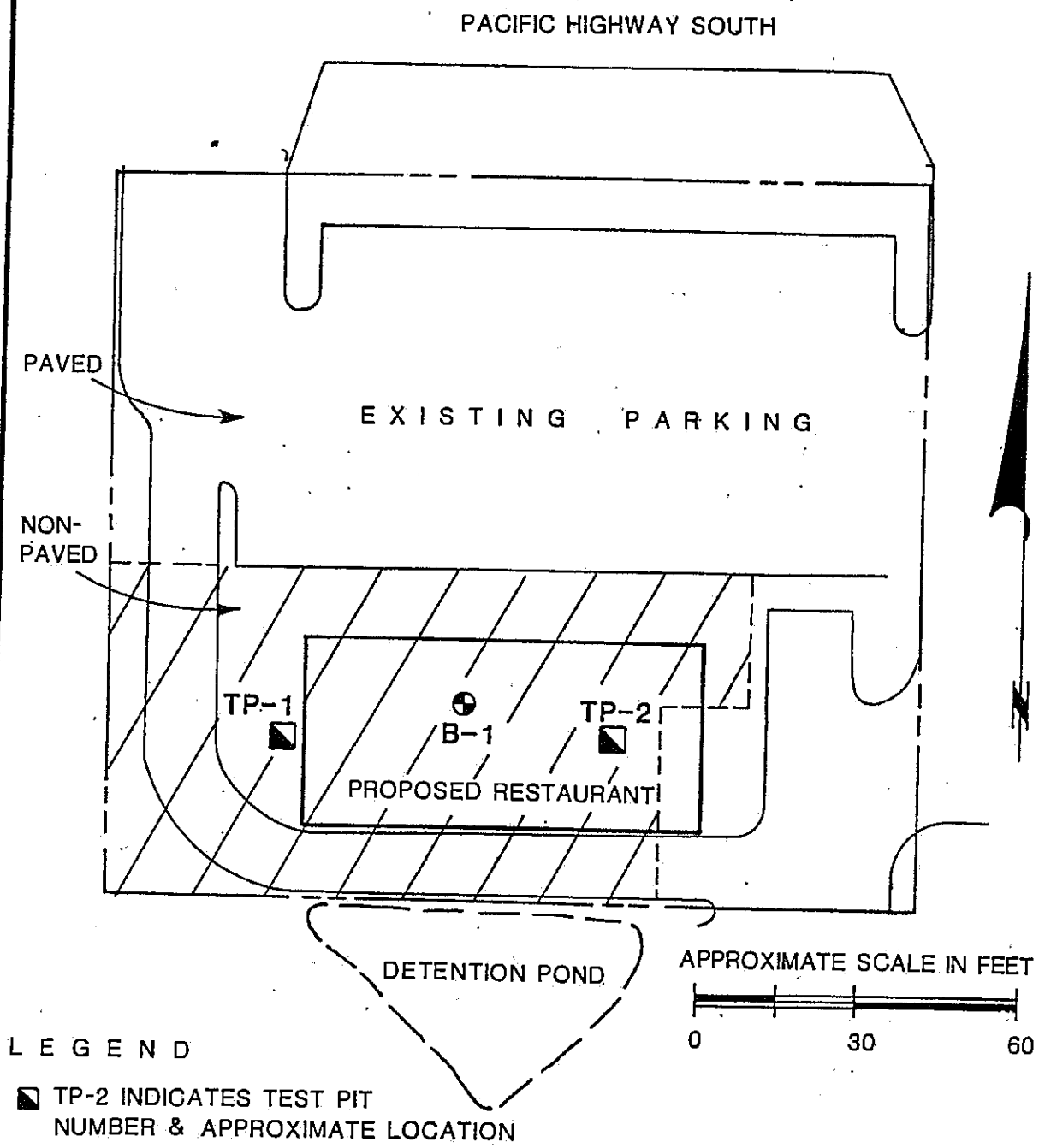

FIFE JACK-IN-THE-BOX

SITE & EXPLORATION PLAN
FIGURE 1

W.O. W-5435
BY JSD
DATE NOV 1987
SCALE NOTED

Base map from Schematic Site Plan provided by client

RITTENHOUSE-ZEMAN & & ASSOCIATES, INC.
Geotechnical & Hydrogeological Consultants
1400 140th Avenue N.E.
Bellevue, WA 98005

APPENDIX A

SUBSURFACE EXPLORATION PROCEDURES AND LOGS

App A

APPENDIX A

W-5435

SUBSURFACE EXPLORATION

The field exploration program conducted for this study consisted of advancing a series of 2 test pits and one deep test boring. The approximate exploration locations are illustrated on the Site and Exploration Plan, Figure 1. The locations were obtained in the field by pacing from existing site features.

Test Pit Excavations

The test pits were excavated with a rubber-tired backhoe on 22 October 1987, by a local excavating contractor. The test pits were observed and logged by an engineering geologist from our firm. Disturbed but representative samples of the soils in the test pits were retrieved, classified in the field and transported in plastic bags to our laboratory for detailed evaluation and classification. The test pit logs are presented in this appendix and are based on the inspection of the samples secured and the field logs. The relative soil densities indicated on the test pit logs are interpretative descriptions based on the conditions observed during the excavation.

Hollow Stem Auger Boring

The boring was drilled on 5 November 1987 by a local exploration drilling company under subcontract to our firm. The boring consisted of advancing a 4-inch inside diameter, hollow-stem auger with a truck-mounted drill rig. During the drilling process, samples were obtained at generally 2.5 or 5.0 foot depth intervals. The borings were continuously observed and logged by an engineering geologist from our firm.

Undisturbed samples were obtained by pushing a 3-inch outside diameter, seamless steel Shelby tube into the soil by the hydraulic system on the drill rig in accordance with ASTM:D 1587. Since the thin wall tube is pushed rather than driven,

continued

the sample obtained is considered relatively undisturbed. The samples were classifed in the field by examining each end prior to sealing with plastic caps. The samples were then transported to our laboratory where they were extruded for further classification and laboratory testing.

Disturbed samples were obtained by using the Standard Penetration Test Procedure as described in ASTM:D 1586. This test and sampling method consists of driving a standard 2-inch outside diameter split barrel sampler a distance of 18 inches into the soil with a 140 pound hammer free falling a distance of 30 inches. The number of blows for each 6 inch interval is recorded. The number of blows required to drive the sampler the final 12 inches is considered the Standard Penetration Resistance ("N") or blow count. The blow count is presented graphically on the boring logs in this appendix. If a total of 50 blows is recorded within one 6 inch interval, the blow count is recorded as 50 blows for the number of inches of penetration. The resistance, or "N" value, provides a measure of the relative density of granular soils or the relative consistency of cohesive soils.

The soil samples obtained from the split-barrel sampler were classified in the field and representative portions placed in watertight containers. The samples were then transported to our laboratory for further visual classification and laboratory testing. Samples are generally saved for a period of 30 days unless special arrangements are made.

The boring logs presented in this appendix are based on the drilling action, inspection of the samples secured, laboratory results and field logs. The various types of soils are indicated as well as the depths where the soils or characteristics of the soils changed. It should be noted that these changes may have been gradual, and if the changes occured between sample intervals, they were interpreted.

The ground water conditions observed during the exploration program are indicated on the boring log and test pit logs. These subsurface water conditions were

continued

evaluated by observing the moisture condition of the samples, the free water on the sampling rods or the sidewalls of the excavation in the case of the test pits. The ground water level is indicated on the boring logs where appropriate by the water symbol. An observation well was installed in the boring to monitor ground water levels following drilling. The observation well consists of a 3/4-inch diameter slotted PVC pipe placed in the boring, which extended to the ground surface.

TEST PIT LOGS

Depth (feet)	Soil Classification	W-5435

Test Pit TP-1

0.0 - 2.5	Dense, moist to wet, brown, gravelly SAND with trace silt (Fill)
2.5 - 6.0	Dense, moist to wet, gray, gravelly SAND; miscellaneous debris including barbed wire, wood, etc. (Fill)
6.0 - 14.0	Soft, wet to saturated, brown-gray SILT with interbedded sandy layers and organics
	Slight seepage and caving below 10.5 feet
	Moisture content at 7 feet: 44.4%

Test Pit TP-2

0.0 - 3.0	Dense, moist to wet, brown, gravelly SAND with trace silt (Fill)
3.0 - 3.5	Medium stiff, wet, gray SILT with trace to some sand and some roots (Fill)
3.5 - 5.0	Dense, moist to wet, gray to brown-gray, gravelly, SAND with interbedded debris (Fill)
5.0 - 13.5	Soft, wet to saturated, brown-gray, SILT with trace sand and intermixed organics
	Moderate caving below 8 feet
	Slight seepage below 10.5 feet
	Moisture content at 12 feet: 48.4%

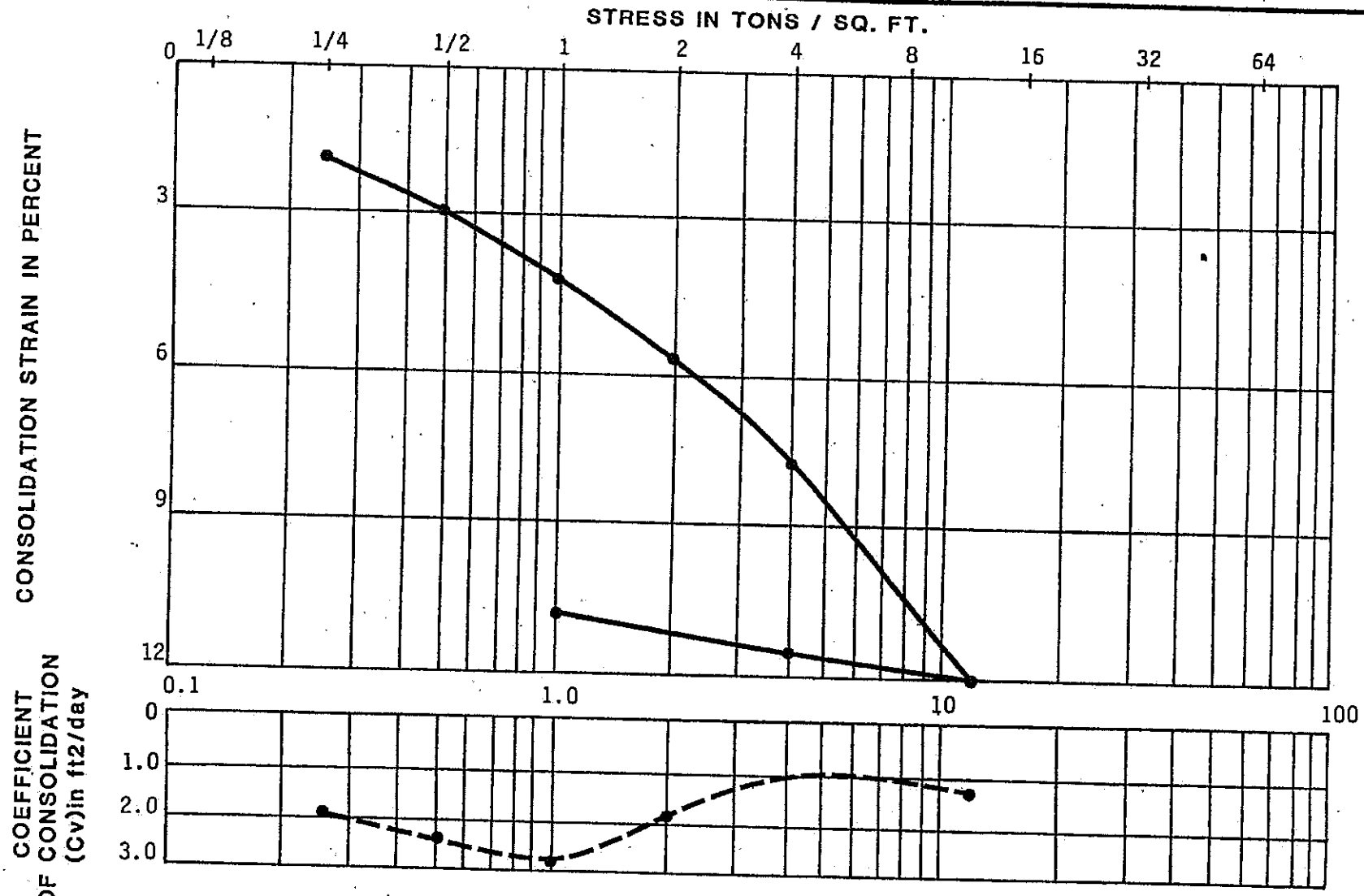

BORING No.: B-1 SAMPLE No.: S-2

DEPTH: 10 ft

WATER CONTENT: 45.3 LL: PL:

DRY UNIT WEIGHT: 76.7 pcf

SOIL DESCRIPTION: Silt

Figure B-1

CONSOLIDATION TEST

W.O. W-5435

By JSD

Date NOV 1987

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
Geotechnical Consultants
1400 140th Avenue N.E.
Bellevue, Wash. 98005

RZA

RZA

RITTENHOUSE-ZEMAN & ASSOC., INC.

Geotechnical / Hydrogeological Consultants

BORING NUMBER B-1 W.O. W-5435

PROJECT NAME Fife Jack-In-The-Box

SOIL DESCRIPTION (Ground Surface Elevation Approximately Feet)	DEPTH (FEET)
Dense to very dense, moist, brown, gravelly SAND with some silt (Fill)	0
Soft to medium stiff, wet to saturated, dark gray-brown, fine sandy SILT with trace to some organics	5
Interbedded, loose, dark brown to black, silty fine SAND at 12 to 14 feet	10, 15
Medium dense to dense, saturated, dark gray to black, silty fine SAND	20, 25, 30, 35, 40

LAB TESTS | SAMPLING | GROUND WATER

17 November 1987

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

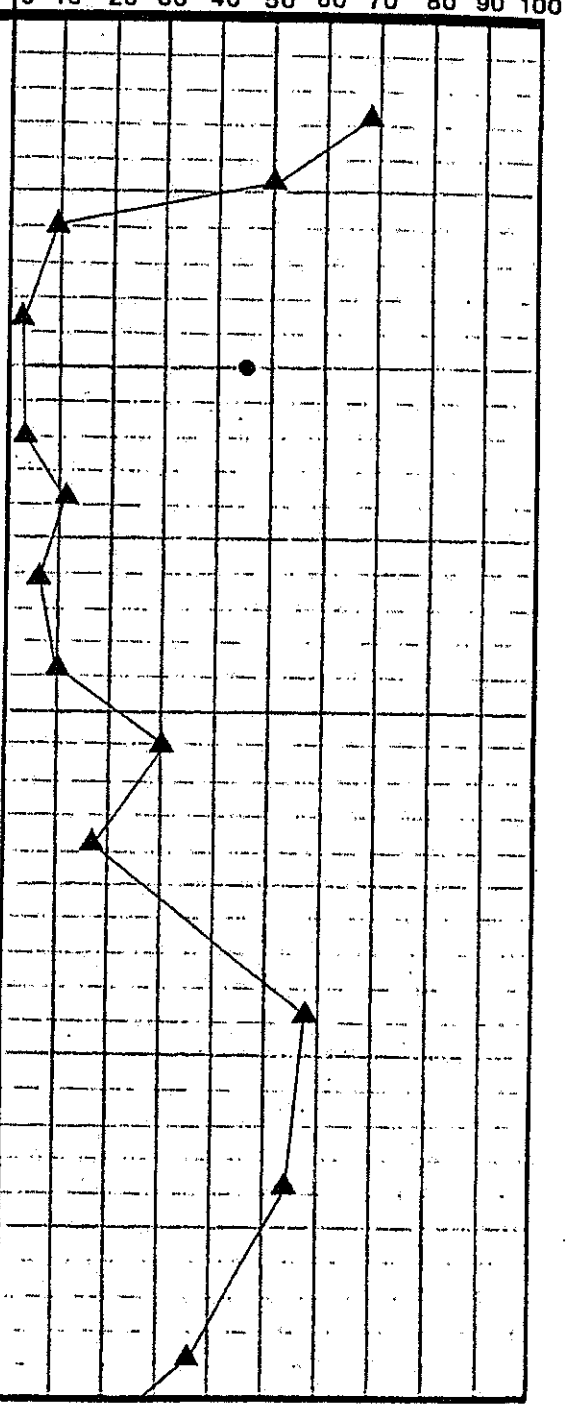

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-1 (cont.) W.O. W-5435
PROJECT NAME Fife Jack-In-The-Box

SOIL DESCRIPTION Ground Surface Elevation Approximately Feet	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER	STANDARD PENETRATION RESISTANCE ▲ BLOWS PER FOOT (140 lb. hammer, 30 inch drop) 0 10 20 30 40 50 60 70 80 90 100
(As above)	40				
Soft, saturated, brown-gray SILT with some clay	45				
Interbedded dense, saturated, brown-gray, silty fine SAND, and very stiff to hard, fine sandy SILT	50				
	55				
Boring terminated at 59 feet 5 November 1987	60				

SAMPLING
I 2" OD SPLIT SPOON SAMPLE
II 3" OD SHELBY SAMPLE
2.5" ID RING SAMPLE
B BULK SAMPLE
★ SAMPLE NOT RECOVERED

GROUND WATER
SEAL
DATE
WATER LEVEL AT TIME OF DRILLING ATD
OBSERVATION WELL TIP

LABORATORY TESTS
● % WATER CONTENT
NP NON PLASTIC
LIQUID LIMIT
NATURAL WATER CONTENT
PLASTIC LIMIT

APPENDIX B

LABORATORY TEST PROCEDURES AND RESULTS

APPENDIX B

W-5435

LABORATORY TESTING PROCEDURES

A series of laboratory tests were performed during the course of this study to evaluate the index and geotechnical engineering properties of the subsurface soils. Descriptions of the types of tests performed are given below.

Visual Classification

Samples recovered from the exploration locations were visually classified in the field during the exploration program. Representative portions of the samples were carefully packaged in watertight containers and transported to our laboratory where the field classifications were verified or modified as required. Visual classification was done in general accordance with the Unified Soil Classification system. Visual soil classification includes color, relative moisture content, soil type based on grain size, and accessory soil types included in the sample. Soil classifications are presented on the exploration logs in Appendix A.

Moisture Content Determinations

Moisture content determinations were performed on representative samples obtained from the explorations in order to aid in identification and correlation of soil types. The determinations were made in general accordance with the test procedures described in ASTM:D 2216. The results of the tests are shown on the exploration logs in Appendix A.

Consolidation Test

A one-dimensional consolidation test was performed in general accordance with ASTM:D 2435 on a selected sample of the site soils to provide data for developing settlement estimates. The undisturbed soil sample was carefully trimmed and fit

continued

into a rigid ring. Porous stones were placed on both the top and bottom of the sample to allow drainage. Vertical loads were then applied to the sample incrementally in such a way that the sample was allowed to consolidate under each load increment. The rebound of the sample during unloading was also measured. The results of the consolidation test are presented in this appendix as a plot of percent consolidation (strain) versus applied load (stress).

Petroleum Hydrocarbon Oil and Grease Analyses

Petroleum odor was noted in our test boring, at 5 to 10 feet below the ground surface. Samples were obtained in plastic jars and returned to our laboratory. The samples from the test borings with the most notable odor were submitted to an analytical laboratory for further testing. The submitted samples are as follows:

Boring No.	Sample No.	Depth (feet)
B-1	S-3	5.0 - 6.5
B-1	S-4	7.5 - 9.0
B-1	S-5	11.0 - 12.5

The soil samples were recovered using standard geotechnical drilling procedures. The samples returned to the laboratory in plastic jars were then transferred to laboratory-treated glass jars and submitted to the chemical testing laboratory in accordance with RZA's chain-of-custody procedures. The petroleum hydrocarbon oil and grease analyses were subcontracted to AmTest, Inc. in Redmond, Washington. Samples were analyzed for total oil and grease concentrations, petroleum hydrocarbon oil and grease concentrations and volatile aromatic hydrocarbons (benzene, tolulene, and xylene). The total oil and grease values include the animal,

continued

vegetable, and petroleum oil and grease contained in the sample. The petroleum hydrocarbon oil and grease value is that amount of the total oil and grease that is petroleum-based. The volatile aromatic hydrocarbons (benzene, tolulene and xylene) are the mobile and toxic constiuents of petroleum products. The results were reported in micrograms per gram (µg/g) for oil and grease, and the BTX in micrograms per kilogram (µg/g). The results of the petroleum hydrocarbon testing are attached in this Appendix.

am test inc.
14603 N.E. 87th St. • REDMOND, WASHINGTON 98052 • 206/885-1664

ANALYSIS REPORT

CLIENT: Rittenhouse - Zeman & Associates, Inc.

REPORT TO: Jim Dransfield
1400 - 140th NE
Bellevue, WA 98005

DATE RECEIVED: 11/6/87

DATE REPORTED: 11/23/87

JOB NO.: W 5435

BTX BY EPA METHOD 8020

Laboratory Sample Nos.	Client Identification	Benzene (ug/kg)	Toluene (ug/kg)	m+p-Xylene (ug/kg)	o-Xylene (ug/kg)
715234	B1, S-3	ND	ND	43.	3.0
715235	B1, S-4	ND	68.	882.	17.6
715236	B1, S-5	22.	ND	10.8	25.
DETECTION LIMIT		3.0	3.0	6.0	3.0

ND = Not Detected.

Continued . . . . .

RZA
RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
Geotechnical Consultants
1400 140th Avenue N.E.
Bellevue, Washington 98005
(206) 746-8020

14 January 1988

W-5435-1

Foodmaker, Inc.
2395 American Avenue
Hayward, California 94545

Attention: Mr. Greg Pace

Subject: Soil Quality Evaluation
Proposed Jack-In-The-Box Restaurant Site
Pacific Highway South and Port-of-Tacoma Road
Fife, Washington

Gentlemen:

This letter presents the results of our subsurface exploration and soil quality evaluation conducted for the above referenced project. This work was performed as additional work based on the results of our "Subsurface Exploration and Geotechnical Engineering Report" for the above referenced project dated 2 December 1987. The scope of work for this additional study was limited to four test borings on the site and submittal of selected samples for hydrocarbon testing. Verbal authorization to proceed with this study was granted by Mr. Greg Pace on 30 December 1987.

PROJECT BACKGROUND

A soils and foundation study entitled "Subsurface Exploration and Geotechnical Engineering Report" was performed by our firm for the above referenced project, dated 2 December 1987. Our field work consisted of advancing two backhoe test pits to 13.5 and 14.5 feet, and one test boring to 59 feet below the ground surface.

During the drilling of boring B-1, a petroleum product odor was noted at 5 to 10 feet below the ground surface. We informed Foodmaker, Inc. of our findings, and the samples obtained which exhibited odor were submitted at the request of Foodmaker, Inc. the next day for chemical testing.

The testing was performed by AmTest, Inc. of Redmond, Washington. The measured concentrations of m plus p xylene in sample S-4, and the measured concentrations of total oil and grease and petroleum hydrocarbon in sample S-5 were higher than Washington Department of Ecology suggested minimums. However, it should be noted that these samples were obtained using standard geotechnical drilling procedures, and were not collected in accordance with our standard soil quality evaluation methods. Specifically, the augers were not steam cleaned and our sampler was not decontaminated prior to its use.

In order to further evaluate the site, Foodmaker, Inc. requested us to drill borings at each of the four corners of the site, and submit representative samples for chemical analysis.

SUBSURFACE EXPLORATION

Four borings (designated B-1A, B-2, B-3 and B-4) were drilled on 5 January 1988 by a local exploration drilling company under subcontract to our firm. The borings consisted of advancing 4-inch inside diameter, hollow-stem auger with a truck-mounted drill rig. During the drilling process, samples were obtained at generally 2.5 foot depth intervals. The borings were continuously observed and logged by an engineering geologist from our firm.

Soil samples delivered to the analytical laboratory were collected at the following locations:

Boring Number	Sample Number	Depth (Feet)
B-1A	S-2	5.0 - 6.5
B-1A	S-4	10.0 - 11.5
B-1A	S-7	17.5 - 19.0
B-2	S-1	2.5 - 4.0
B-2	S-4	10.0 - 11.5
B-2	S-6	15.0 - 16.5
B-3	S-2	5.0 - 6.5
B-3	S-3	7.5 - 9.0
B-3	S-6	17.5 - 19.0
B-4	S-1	2.5 - 4.0
B-4	S-3	10.0 - 11.5
B-4	S-5	17.5 - 19.0

No petroleum odor was noted in any of the samples from the four most recent borings. The samples collected from above 5 feet consisted of fill soils, while the remainder of the samples represented native sands and silts. The results of the laboratory tests are attached as Tables 1 and 2. The samples identified as B-1 on Tables 1 and 2 correspond to RZA boring B-1A.

The soil samples at each interval were recovered using procedures designed to minimize the risk of cross contamination. Prior to mobilizing to the site, the drilling equipment and sampling tools were steam cleaned. Between each sampling attempt, the sampling tools were scrubbed with a stiff brush and a detergent solution consisting of alconox and warm water, and then rinsed with potable water and liberal quantities of deionized water. The samples were classified in the field and immediately transferred to laboratory treated glass jars and tightly sealed with a foil-lined threaded cap. The samples were kept on ice with approximately 4°C throughout the field program. Selected samples were subsequently transferred to the chemical testing laboratory in accordance with RZA's chain-of-custody procedures. The remaining samples were transported to our laboratory for further visual classification. Samples are generally saved for a period of 30 days unless special arrangements are made.

As requested in a 16 November 1987 letter from Mr. Charles Watson of Foodmaker, Inc., soil samples are to be tested to verify that they are "clean" in accordance with the Federal Safe Drinking Water Standard where there is no local standard. As we have discussed with you in the past, Washington Department of Ecology has not established an "official" standard for testing methods or acceptable levels at this time. Based on our discussions with local testing laboratories, the most extensive testing of soil samples for petroleum product commonly performed consists of measurement of BTEX, total petroleum hydrocarbon, total oil and grease, and total lead. As discussed, this is the level of testing we have performed for this study. These laboratory analyses were subcontracted to AmTest, Inc. in Redmond, Washington.

The samples were analyzed for total oil and grease concentrations, petroleum hydrocarbon oil and grease concentration, volatile aromatic hydrocarbons (benzene, toluene, ethyl-benzene and xylene), and total lead. The total oil and grease values include the animal, vegetable, and petroleum oil and grease contained in the sample. The petroleum hydrocarbon oil and grease value is that amount of the total and grease that is petroleum based. The volatile aromatic hydrocarbons (benzene, toluene, ethyl-benzene and xylene) are the more mobile and toxic

constituents of petroleum products. Measurement of total lead is made to determine if lead concentrations are above typical background levels for soils in the Pacific Northwest. It should be noted that lead content is expressed as total lead content including organo-lead (presumably derived from leaded fuel) and inorganic lead. We contacted Ms. Gail Culver of WDOE recently regarding the significance of these total lead results. She indicated the background levels vary depending on the soil type, however, total lead values of less than about 100 ppm would generally not be of concern. According to WDOE, it is not actually the total lead concentration that is of concern, but instead the leachable extractable portion of the lead (which is measured by EP toxicity testing). The total lead data may be useful for screening purposes where gross contamination exists. Total solids data presented has no significance with respect to soil quality, but must be computed in order to measure total lead. The results of the BTEX tests are reported in micrograms per kilogram (ug/kg), which is equivalent to parts per billion (ppb). Results for the other tests were reported in micrograms per gram (ug/g), which is equivalent to parts per million (ppm).

TEST RESULTS

The results of the laboratory testing are attached as Tables 1 and 2 at the end of this letter. The measured concentrations are below WDOE suggested minimums. Based upon recent discussions with Ms. Lynn Cashion of WDOE, concentrations of BTEX less than 666 ppb, or oil and grease plus petroleum less than 200 ppm would not be high enough to recommend remediation.

We trust this letter is sufficient for your current needs. If you have any questions, or we can be of further assistance, please call.

Respectfully submitted,

RITTENHOUSE-ZEMAN AND ASSOCIATES

James S. Dransfield, P.E.
Senior Project Engineer

Kurt W. Groesch,P.E.
Associate

Attachments: Figure 1 - Site and Exploration Plan
Appendix A - Laboratory Test Results

cc: Foodmaker, Inc. Attn: Mr. Jack Bosch

Foodmaker, Inc. Attn: Mr. Lee Simon

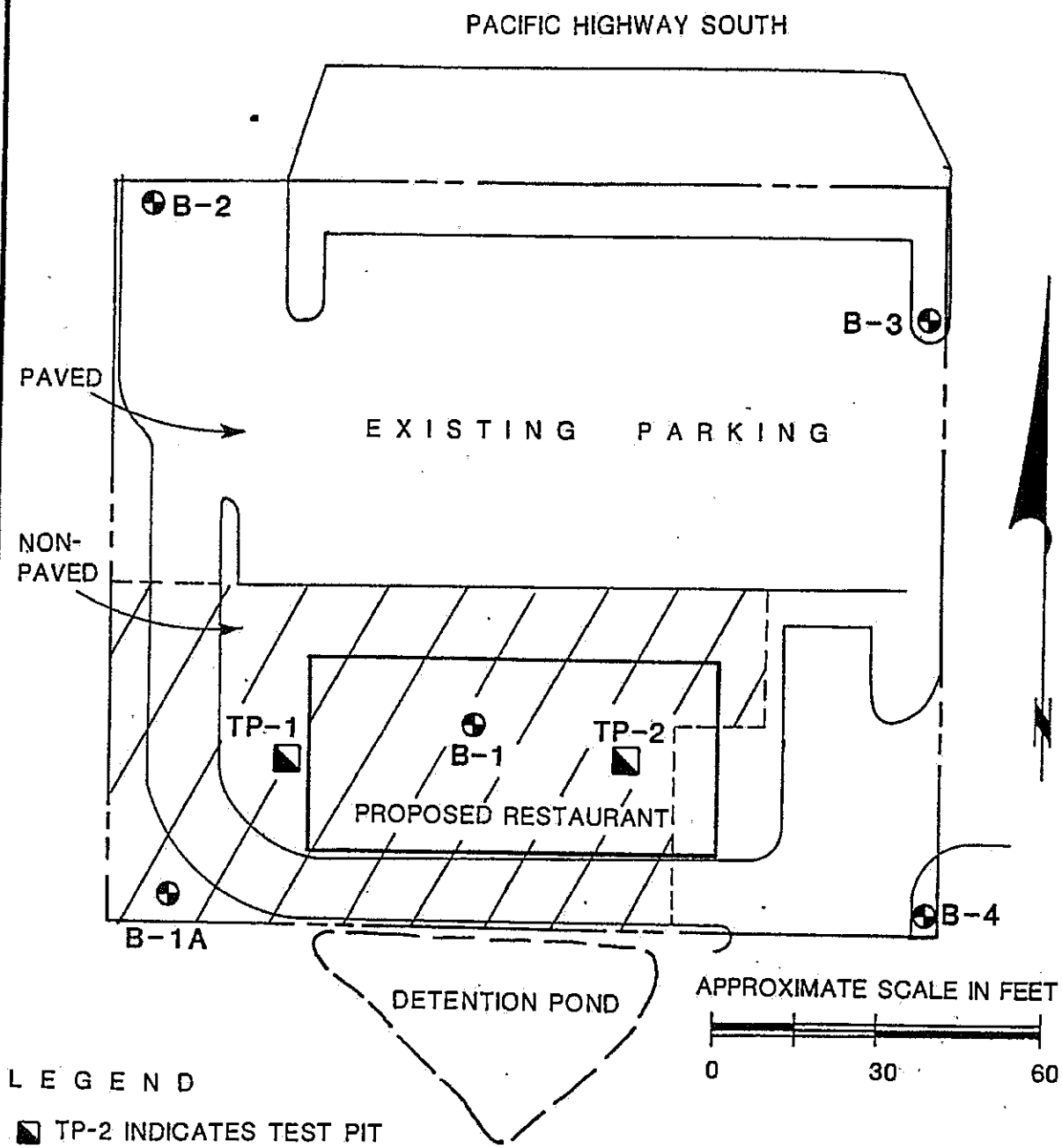

FIFE JACK-IN-THE-BOX

SITE & EXPLORATION PLAN
FIGURE 1

W.O. W-5435
BY JSD
DATE NOV 1987
SCALE NOTED

RITTENHOUSE-ZEMAN & & ASSOCIATES, INC.
Geotechnical & Hydrogeological Consultants
1400 140th Avenue N.E.
Bellevue, WA 98005

Base map from Schematic Site Plan provided by client

RZA

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-1A W.O. 5435-1

PROJECT NAME Fife - Jack-In-The Box

SOIL DESCRIPTION	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Ground Surface Elevation Approximately Feet	0			
Medium dense to very dense, moist, brown, gravelly fine to coarse SAND with some silt (FILL)	5	●		
Soft to stiff, wet to saturated, gray/brown, fine sandy SILT with some organics, interbedded silty fine SAND	10	●		ATD
Medium dense, wet, gray/black, silty fine SAND	15			
Total depth 19 feet Completed 5 January 1988	20	●		
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

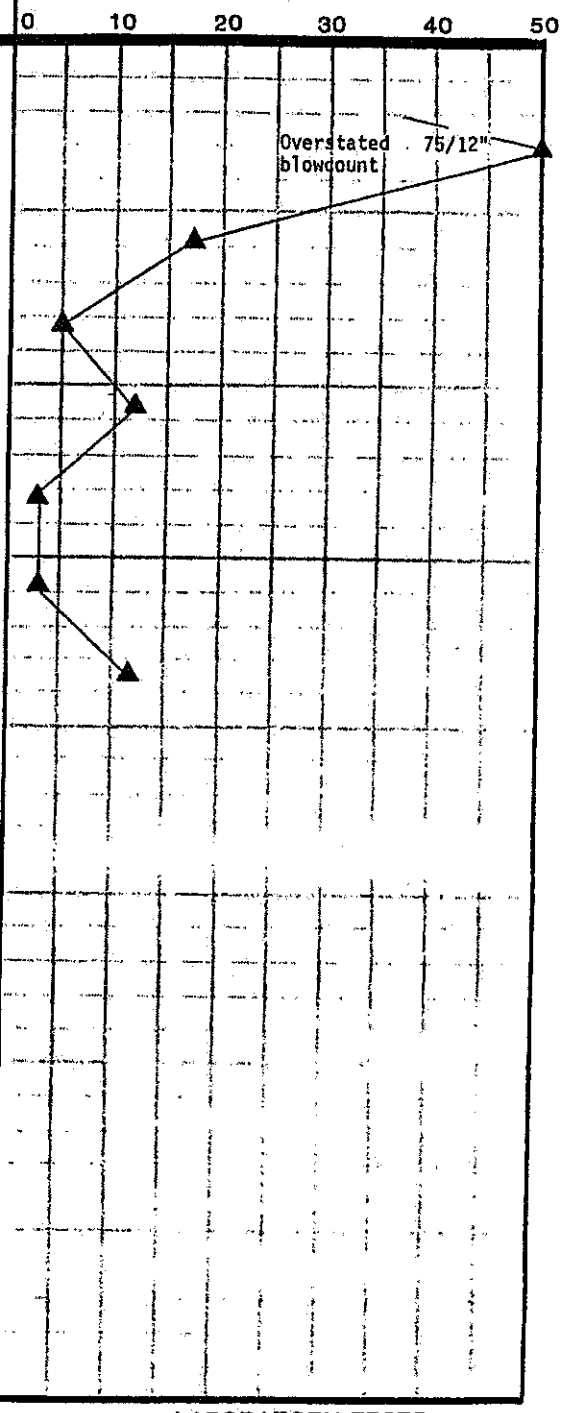

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-2 W.O. 5435-1

PROJECT NAME Fife - Jack-In-The-Box

SOIL DESCRIPTION	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Ground Surface Elevation Approximately Feet				
Asphalt	0			
Medium dense, moist, brown, gravelly, fine to coarse SAND with some silt (FILL)		●	I	
Loose, moist to wet, brown/gray, silty fine SAND with some medium to coarse sand, trace gravel	5		I	
Soft, wet, brown/gray, fine sandy SILT with some medium sand, trace organics	10	●	I	ATD
Medium dense, moist, gray, silty fine SAND with trace organics	15	●	I	
Total depth 19 feet Completed 5 January 1988	20			
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

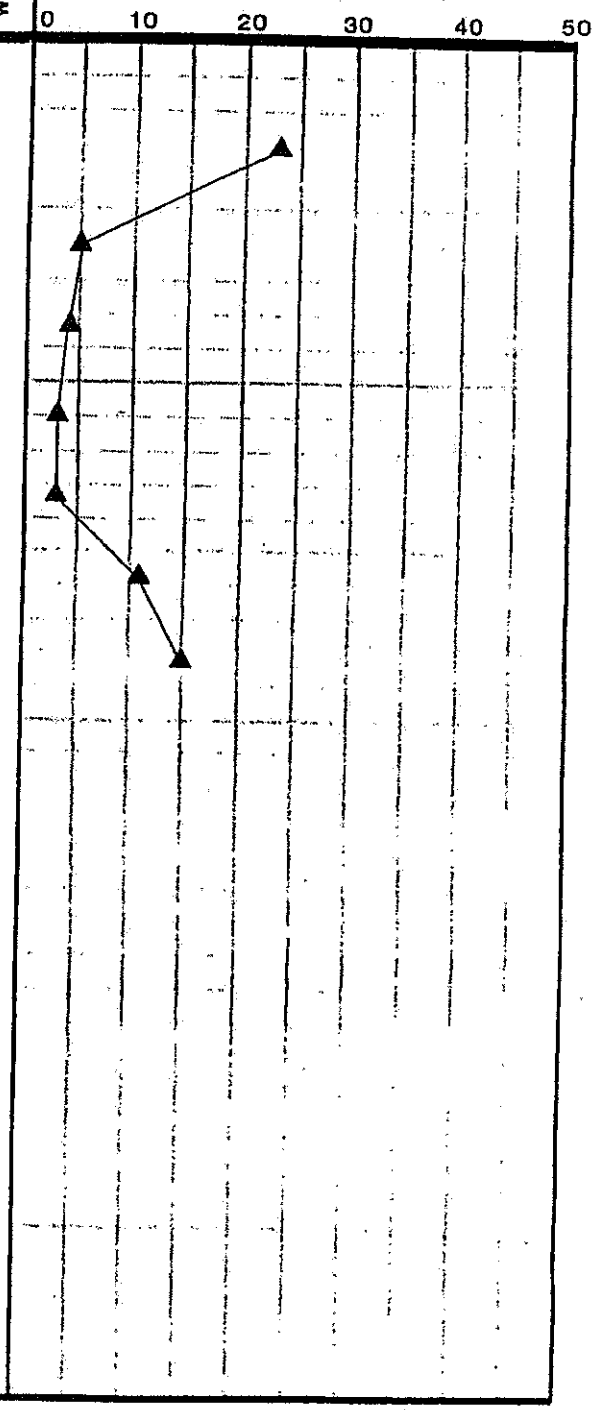

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-3 W.O. 5435-1
PROJECT NAME Fife - Jack-In-The-Box

SOIL DESCRIPTION (Ground Surface Elevation Approximately Feet)	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Loose, moist, brown, fine to coarse SAND with some gravel, trace silt (FILL)	0			
	5	●		
Soft, wet to saturated, gray, fine sandy SILT with trace organics		●		ATD
	10			
Medium dense, wet, gray, silty fine SAND				
	15			
Dense, wet, gray/black, fine to medium SAND with some silt		●		
Total depth 19 feet Completed 5 January 1988	20			
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

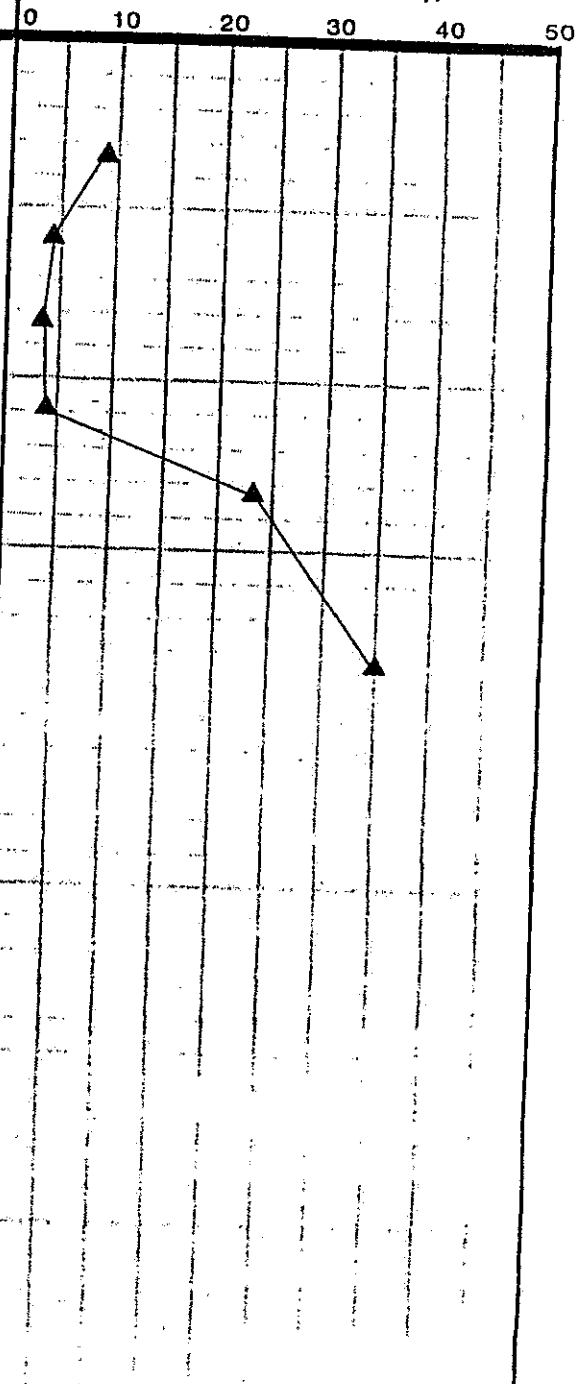

SAMPLING
- 2" OD SPLIT SPOON SAMPLE
- 3" OD SHELBY SAMPLE
- 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

RITTENHOUSE-ZEMAN & ASSOC., INC.
Geotechnical / Hydrogeological Consultants

BORING NUMBER B-4 W.O. 5435-1
PROJECT NAME Fife - Jack-In-The-Box

SOIL DESCRIPTION Ground Surface Elevation Approximately Feet	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER
Medium dense, moist, brown/gray, gravelly fine to coarse SAND with some silt (FILL)	0			
Soft to stiff, moist to wet, brown/gray, fine sandy SILT with some medium sand, trace organics	5	●	I	
	10	●	I	ATD
Medium dense, wet, gray/black, silty fine SAND	15		I	
Dense to very dense, wet, gray/black, fine to medium SAND with trace silt, gravel		●	I	
Total depth 19 feet Completed 5 January 1988	20			
	25			
	30			
	35			
	40			

STANDARD PENETRATION RESISTANCE
▲ BLOWS PER FOOT
(140 lb. hammer, 30 inch drop)

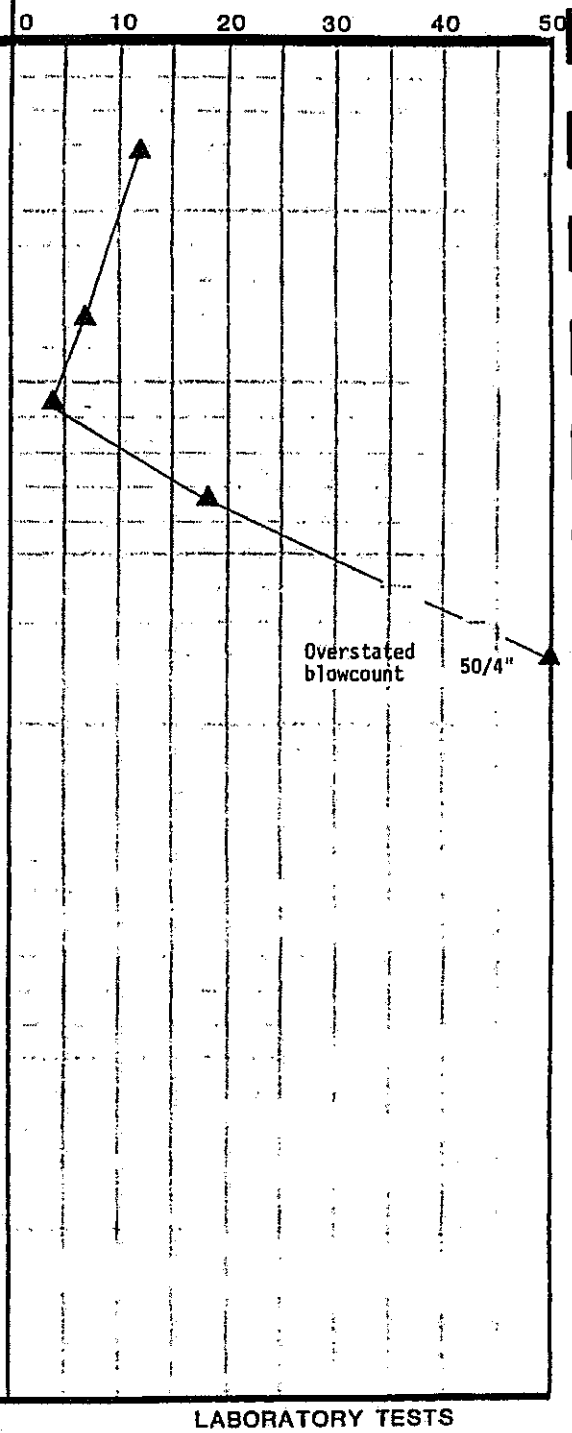

SAMPLING
- I 2" OD SPLIT SPOON SAMPLE
- II 3" OD SHELBY SAMPLE
- ⊠ 2.5" ID RING SAMPLE
- B BULK SAMPLE
- ★ SAMPLE NOT RECOVERED

GROUND WATER
- SEAL
- DATE
- WATER LEVEL AT TIME OF DRILLING ATD
- OBSERVATION WELL TIP

LABORATORY TESTS
- ● % WATER CONTENT
- NP NON PLASTIC
- LIQUID LIMIT
- NATURAL WATER CONTENT
- PLASTIC LIMIT
- ● CHEMICAL ANALYSIS

am test inc.
14603 N.E. 87th St. • REDMOND, WASHINGTON 98052 • 206/885-1664

Table 1

ANALYSIS REPORT

CLIENT: Rittenhouse - Zeman & Associates

DATE RECEIVED: 1/6/88

REPORT TO: Jim Dransfield
1400 - 140th Avenue NE
Bellevue, WA 98005

DATE REPORTED: 1/11/88

PROJECT NO.: 5435

Laboratory Sample Numbers	Client Identification	Total Oil & Grease (ug/g)	Petroleum Hydrocarbons (ug/g)	Total Solids (%)	Total Lead* (ug/g)
718248	B-1, S-2	<5.0	<5.0	88.2	0.079
718249	B-1, S-4	36.5	<5.0	69.9	0.097
718250	B-1, S-7	11.5	<5.0	72.7	0.083
718251	B-2, S-1	<5.0 <5.0]	<5.0	93.9	0.083
718252	B-2, S-4	180.	94.0	65.0	0.082
718253	B-2, S-6	<5.0	<5.0	77.1	0.052
718254	B-3, S-2	36.5	27.5	85.8 86.6]	0.308
718255	B-3, S-3	117.	18.0	68.1	0.079
718256	B-3, S-6	<5.0	<5.0	80.5	0.032
718257	B-4, S-1	50.0	10.0	75.2	0.070
718258	B-4, S-3	<5.0	<5.0	68.1	0.085 0.060]
718259	B-4, S-5	<5.0	<5.0	80.9 80.2]	0.023

*Results expressed on a dry weight basis.

Continued . . . .

Table 2

CLIENT: Rittenhouse - Zeman & Associates

REPORT TO: Jim Dransfield

DATE RECEIVED: 1/6/88
DATE REPORTED: 1/11/88
PROJECT NO.: 5435

BTEX BY EPA METHOD 8020

Laboratory Sample Nos.	Client Identification	Benzene	Toluene	m+p-Xylene	o-Xylene	Ethyl Benzene
718248	B-1, S-2	ND	ND	ND	ND	ND
718249	B-1, S-4	ND	ND	ND	ND	ND
718250	B-1, S-7	ND	ND	ND	ND	ND
718251	B-2, S-1	ND	ND	ND	ND	ND
718252	B-2, S-4	16.5	14.1	ND	ND	ND
718253	B-2, S-6	ND	ND	ND	ND	ND
718254	B-3, S-2	ND	ND	ND	ND	ND
718255	B-3, S-3	11.6	14.4	ND	ND	ND
718256	B-3, S-6	ND	ND	ND	ND	ND
718257	B-4, S-1	ND	ND	11.1	ND	ND
718258	B-4, S-3	ND	ND	ND	ND	ND
718259	B-4, S-5	ND	ND	ND	ND	ND
718259 Spike Recovery (%)		94.	103.	110.	110.	109.
DETECTION LIMIT		5.	5.	10.	5.	5.

All results are in ug/kg.
ND = Not Detected.

JTD/pb

REPORTED BY John T. Dailey
John T. Dailey

CLIENT: Rittenhouse - Zeman & Associates, Inc.

REPORT TO: Jim Dransfield

DATE RECEIVED: 11/6/87

DATE REPORTED: 11/23/87

JOB NO.: W 5435

OIL & GREASE/PETROLEUM HYDROCARBONS

Laboratory Sample Nos.	Client Identification	Total Oil & Grease (ug/g)	Petroleum Hydrocarbons (ug/g)
715234	B1, S-3	77.0	25.0
715235	B1, S-4	87.0	70.0
715236	B1, S-5	222.	210.

KP/pb

REPORTED BY Kenneth Pang

SECTION 5

REMEDIAL EXCAVATION REPORT

SITE REMEDIAL EXCAVATION REPORT

Performed at:
FIFE RV CENTER
3410 Pacific Highway East
Fife, Washington 98424

AEROTECH
Environmental Consulting Inc.

November 1, 2016

Anchorage Seattle Portland

Cost-effective environmental solutions
for the western United States and Alaska

www.AerotechEnvironmental.com

SITE REMEDIAL EXCAVATION REPORT

Performed at:
FIFE RV CENTER
3410 Pacific Highway East
Fife, Washington 98424

November 1, 2016

Performed by:
Aerotech Environmental Consulting, Inc.
13925 Interurban Avenue South, Suite No.210
Seattle, Washington 98168
Fax (206) 429-3594
(866) 800-4030
www.AerotechEnvironmental.com

REMEDIAL EXCAVATION REPORT

performed for:
MR. CHRIS LaVERDIERE
3410 Pacific Highway East
Fife, Washington 98424

Clients:	**MR. CHRIS LaVERDIERE** 3410 Pacific Highway East Fife, Washington 98424
Point of Contact:	Mr. Chris LaVerdiere Representative of Ownership Group
Property:	**FIFE RV CENTER** 3910 Pacific Highway East Fife, Washington 98424
County:	Pierce County, Washington Parcel Number: 0320111067
Commercial Activity:	RV Retail
Project Number:	216-4013
Report Date:	November 1, 2016
Washington Certified Site Assessor:	Nicholas Gerkin (No. ICC00249119)
Licensed Geologist:	James G. McDermott (No. 3063)

EXECUTIVE SUMMARY

The subject Property of this Site Remedial Excavation is comprised of one irregularly-shaped 3.76-acre Parcel, located on the south side of Pacific Highway East in Fife, Washington. One building, occupied by *Fife RV Center*, is situated on the southeastern corner of the Property. It is an approximately 10,763 square foot, 2-story structure with the main entrance to the north. An approximately 1,000 square foot, 1-story structure is situated northeast of the main building along the eastern Property boundary. Asphalt parking areas surround the structure on all sides and are utilized for the storage and display of the RV inventory. On the west side of the Property lies an approximately 0.77 acre vacant gravel parking lot, occasionally used to store RV inventory.

Surrounding areas include a drainage ditch to the south followed by Interstate 5. The neighboring Parcel to the east includes approximately 5.24 acres which is leased by Fife RV Center for use as additional storage. Formerly included with this Parcel prior to subdivision in 2004, situated to th north along Pacific Highway East, is a *Travelodge*. This Parcel is listed on Washington State Department of Ecology ("Ecology") Voluntary Cleanup Program List as Site No. SW0601 and is known as *Homotel*. It has been confirmed to contain petroleum products and metals at concentrations above the State Cleanup Levels in soil and in groundwater.

Pacific Highway East, followed by an *Econolodge*, are adjoining the subject Property to the north. Formerly included within the same Parcel as the subject Property is a Tahoma Express Gas Station and a Jack in the Box adjoin to the west (north of excavation area) followed by the Port of Tacoma Road. The Tahoma Express Gas Station was listed on Ecology's Site Cleanup List as Site No. 5015. The Ecology Database lists the site as formerly having petroleum hydrocarbons at concentrations above the State Cleanup Levels in soil and groundwater. The site received a No Further Action determination from Ecology in 1993.

Based on historical research, from the mid 1960's until the late 1980's a *Gasamet* gas station occupied this portion of the Property with the pump islands situated along the northern Property boundary and partially onto the current Jack in the Box Property. The Underground Storage Tank ("UST") Basins were located to the east and west of the pump islands with the station building situated along the southwestern Property boundary. A wooded water retention area, known as a Bio-Swale, is located on the northwest corner of the Parcel. A qualitative record of test pit activities conducted in 2000 indicated strong petroleum odor in soil in the upper four feet of excavated soil in this area (Documentation included in Supplemental Documents section of Appendix).A drainage ditch is located off-Property to the southwest with Interstate 5 beyond.

In 2014, Associated Earth Sciences, Inc. conducted a *Supplemental Phase II Environmental Site Assessment* at the subject Property. Soil and groundwater samples collected from soil borings advanced in the current vacant gravel lot in the vicinity of the former Gasamet pump islands and UST Basin contained petroleum hydrocarbons at concentrations above the Model Toxic Control Act ("MTCA") Method A Cleanup Levels. Based on these results, Mr. Chris LaVerdiere requested Langseth Environmental ("Langseth") and Aerotech Environmental Consulting, Inc. ("Aerotech") to perform site remedial excavation and environmental consulting services to remove soil containing petroleum hydrocarbons at concentrations above the MTCA Method A Cleanup Levels at the areas identified in the *Supplemental Phase II Environmental Site Assessment* at the subject Property

Aerotech, along with Langseth, performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from historical environmental investigations and samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents of the excavation. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A Cleanup Levels at these locations. A saturated, wooded bio-swale is located on-Property to the northwest of the Site Remedial Excavation, a downward topographic slope leading to a water drainage ditch to the southwest limited soil removal in these directions. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST Basin . Groundwater levels within the excavations ranged from 5 feet in the Southwest to 10 feet in the Northeast.

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APPENDIX 17

SECTION I.
INTRODUCTION

At the request of Mr. Chris LaVerdiere, on behalf of Fife RV Center, Aerotech Environmental Consulting, Inc. ("Aerotech") has prepared this report presenting the results of remedial excavation activities conducted at the above-referenced site. The purpose of the excavation was to evaluate the extent of and remove soil containing residual petroleum hydrocarbon concentrations above the MCTA Method A Cleanup Levels from the Site. Based on the *Supplemental Phase II Environmental Site Assessment* conducted by Associated Earth Sciences, Inc. ("AESI")the primary area of concern was the northwestern portion of the Property, which was occupied by a gas station, known *as Gasamet*. The station operated from the mid-1960's until the late 1980's, at which time most of the station features were removed. Soil boring locations (EB-4, EB-5, EB-6, and EB-7) were used as starting points and visual and olfactory indicators were used in the field to estimate the extent of the presence of petroleum hydrocarbons. Final extents were then verified with laboratory analytical analysis of delineation samples taken from the surrounding sidewalls and bottom of the excavation at the conclusion of each day.

SECTION II.
SITE DESCRIPTION

Site Description:

The subject Property of this Site Remedial Excavation is comprised of one irregularly-shaped 3.76-acre Parcel, located on the south side of Pacific Highway East in Fife, Washington. One building, occupied by *Fife RV Center*, is situated on the southeastern corner of the Property. It is an approximately 10,763 square foot, 2-story structure with the main entrance to the north. An approximately 1,000 square foot, 1-story structure is situated northeast of the main building along the eastern Property boundary. Asphalt parking areas surround the structure on all sides and are utilized for the storage and showing of the RV inventory. On the west side of the Property lies an approximately 0.77 acre vacant gravel parking lot, occasionally used to store RV inventory.

The Property is situated between Blair Waterway (leading to Commencement Bay), which is approximately 4,000 feet to the north and the Puyallup River, which is located 3,000 feet to the southwest and flows to the northwest into Commencement Bay. Slopes in the vicinity of the Site descend to the southwest towards the Puyallup River. The elevation of the parcel north of Pacific Highway East (Econolodge) is approximately that of the subject Parcel, 11 feet above mean sea level ("MSL"), however, Pacific Highway East itself is approximately 4 feet above that. The topography slopes steadily in a southerly direction from Pacific highway East towards the subject Parcel until the local topographic low, 4 feet above MSL at the drainage area southwest of the Site.

Surrounding Area Description:

Surrounding areas include a drainage area to the south with Interstate 5 adjoining beyond. The neighboring Parcel to the east includes approximately 5.24 acres which is leased by Fife RV Center for use as additional storage. Formerly included with this Parcel before being subdivided in 2004, situated along Pacific Highway East to the north, is a *Travelodge*. This Parcel is listed on Washington State Department of Ecology ("Ecology") Voluntary Cleanup Program List as Site No. SW0601 and is known as *Homotel*. It has been confirmed to contain petroleum products and metals at concentrations above the State Cleanup Levels in soil and in groundwater.

Pacific Highway East, followed by an *Econolodge*, are adjoining the subject Property to the north. Formerly included within the same Parcel as the subject Property is a Tahoma Express Gas Station and a Jack in the Box adjoin to the west (north of excavation area) followed by the Port of Tacoma Road. The Tahoma Express Gas Station was listed on Ecology's Site Cleanup List as Site No. 5015. The Ecology Database lists the site as formerly having petroleum hydrocarbons at concentrations above the State Cleanup Levels in soil and groundwater. The site received a No Further Action determination from Ecology in 1993. A drainage area is located off-Property to the southwest with Interstate 5 beyond.

Site Development Description:

Based on historical research, from the mid 1960's until the late 1980's a *Gasamet* gas station occupied this portion of the Property with the pump islands situated along the northern Property boundary and partially onto the current Jack in the Box Property. The Underground Storage Tank ("UST") Basins were located to the east and west of the pump islands with the station building situated along the southwestern Property boundary. A wooded water retention area, known as a Bio-Swale, is located on the northwest corner of the Parcel. A qualitative record of test pit activities conducted in 2000 indicated strong petroleum odor in soil in the upper four feet of excavated soil in this area (Documentation from the City of Fife permit office is included in the Supplemental Documents section of Appendix).

Previously Identified Contaminants of Concern:

AESI performed a *Supplemental Phase II Environmental Site Assessment* on December 18 and 19, 2014 in the Areas of Concern identified in their *Phase I Environmental Site Assessment* dated October 29, 2013. Petroleum compounds were identified as Contaminants of Potential Concern. Total Petroleum Hydrocarbons as Gasoline ("TPHg") along with Benzene, Toluene, Ethylbenzene, and Total Xylenes were present at concentrations above the MTCA Method A Cleanup Levels in soil and groundwater.

Site Observations and Reported Conditions:

With the exception of the above referenced environmental concern, there were no additional Recognized Environmental Conditions or concerns identified as potential impacts to the Property resulting from AESI's *Phase I Environmental Site Assessment* or the *Supplemental Phase II Environmental Site Assessment*..

SECTION III.
GEOLOGY AND HYDROGEOLOGY

Geologic Conditions:

The precise Property location is N 47° 14' 34.44" / W 122° 22' 58.80" as determined by DeLorme mapping data. The Site is located in Universal Transverse Mercator Zone 11. The Site elevation is approximately 9 to 12 feet above mean sea level. As observed during the Site visit and confirmed on the USGS topographic map, the subject Property is relatively flat. As is commonly the case in low-lying areas near sea level, many roads and properties appear to be elevated several feet above the original grade. Evidence of the original grade may be seen in the decrease in elevation evident north of Pacific Highway East, north of the subject Property. A ditch is located a few tens

of feet south of the Property adjoining to the south. A second ditch is located east of the property adjoining to the east. The field west of the subject Property slopes markedly to the level of the ditch to the south. Pacific Avenue East is elevated approximately two feet above the Site.

The regional topography within the Commencement Bay tidal flats is that of the nearly planar surface generated by the placement of artificial fill material in the later decades of the nineteenth century and the early years of the twentieth century. Elevations on ridges over one mile to the south increase to more than 200 feet MSL, at the northernmost margins of the south Tacoma upland area.

During the course of the on-site Reconnaissance, particular attention was directed towards (i) pools of liquid; (ii) roads and paths that might be used for unauthorized entry; (iii) drains and sumps; (iv) stressed vegetation; (v) pits, ponds, or lagoons; (vi) surface or soil staining; (vii) ditches, catch basins, or dry wells; (viii) unidentified substance containers; (ix) location of manholes, sewer grates, sewer outfalls; and (x) other subterranean accesses. All roads, driveways, paths, and other vehicular access areas were identified and evaluated for suspected use as an avenue for transport or disposal of hazardous materials, regulated substances, or petroleum products. Railroad tracks and previous right-of-ways are also identified if present on the subject Property.

Potential wetland area indicators were considered during the on-site activities. These indicators include: (i) wetland characteristic soil types; (ii) areas that appear permanently wet during most of the year; (iii) the presence of wetlands-related submergent or emergent plants; and (iv) wetland indicative wildlife. Suspected wetlands were not observed on the Site.

As observed during the Site visit and confirmed on the USGS topographic map, the subject Property lies several hundred feet north of the base of a steep bluff, nearly 80 feet in height, on a relatively planar surface perhaps sloping regionally to the north or northeast. The Site lies near the southwest extremity of the Tacoma tidal flats; the tidal flats in this area were filled in the late nineteenth century, very likely with a variety of soils and debris, but tend to be somewhat dominated by sandy materials.

During the course of the on-site observations, particular attention was directed towards (i) pools of liquid; (ii) roads and paths that might be used for unauthorized entry; (iii) drains and sumps; (iv) stressed vegetation; (v) pits, ponds, or lagoons; (vi) surface or soil staining; (vii) ditches, catch basins, or dry wells; (viii) unidentified substance containers; (ix) location of manholes, sewer grates, sewer outfalls; and (x) other subterranean accesses. All roads, driveways, paths, and other vehicular access areas were identified and evaluated for suspected use as an avenue for transport or disposal of hazardous materials, regulated substances, or petroleum products. Railroad tracks and previous right-of-ways are also identified if present on the subject Property.

Potential wetland area indicators were considered during the on-site activities. These indicators include: (i) wetland characteristic soil types; (ii) areas that appear permanently wet during most of the year; (iii) the presence of wetlands-related submergent or emergent plants; and (iv) wetland indicative wildlife. Suspected wetlands were not observed on the Site.

Subsurface Soils, Regional and Local Geology:

The Puget Sound lies within a tectonic trough situated between the Olympic Mountains to the west, and the northern Cascade Mountains to the east. This trough is characterized by fault zones accommodating north-south compressional rotation, commonly resulting in predominant north-south and northwest-southeast oriented faults and fault zones. Elliott Bay lies north of the Seattle Fault Zone, while Tacoma's Commencement Bay lies south of the northernmost Tacoma Fault zone rupture. A major fault is mapped below the bluffs on which central Tacoma was developed, along the western margin of Commencement Bay. Commencement Bay and the Puyallup River Basin lie on the down dropped side of the fault. The Commencement Bay intertidal zone has been elevated by the emplacement of fill throughout the early20th century. The uppermost soils in the Puyallup River Valley are dominated by alluvial and fluvial sediments and to the southeast, occasionally

volcanic mud flows originating below the slopes of the Mount Rainier volcano. Deep borehole data indicate approximately 1,800 feet of unconsolidated glacial and interglacial sediments in the former tidal flats in the vicinity of the subject Property.

The subject Property and vicinity, south of the Blair Waterway, are mapped as Quaternary Alluvium. These soils are characterized as:

> "Gravel, sand, silt, and clay. Deposited chiefly by modern streams, but includes some swamp deposits. Includes marine deposits near the mouth of the Puyallup river .... thickness ranges from a few feet to as much as 600 feet. Yields small to moderate quantities of water to wells. Locally capable of large yields."

Ground-Water Occurrence and Stratigraphy of Unconsolidated Deposits, Central Pierce County, Washington, Water Supply Bulletin No. 22, State of Washington, Department of Water Resources, Kenneth L. Walters and Grant E. Kimmel, 1968

Geologic Map of the Poverty Bay 7.5' Quadrangle, King and Pierce Counties, Washington, US Geological Survey, D.B. Booth, H.H. Waldron, and K.G. Trost, 2004, Open File Report OF 77-9. Washington State Department of Natural Resources,

Geologic Map of the Tacoma North 7.5' Quadrangle, King and Pierce Counties, Washington, US Geological Survey, unpublished draft.

Geologic Map of the City of Tacoma, Pierce County Washington, Mackey Smith, 1977, and unpublished maps on topographic base by Timothy J Walsh, Washington State Department of Natural Resources, circa 1987.

Groundwater Hydrology of the Tacoma-Puyallup Area, Pierce Country, Washington, USGS Water Resources Investigation 99-4013, M.A. Jones, L.A. Orr, J.C. Ebbert, and S.S. Sumioka, 1999.

Unconsolidated sediments documented during excavation activities at the subject Property include: Gravel (FILL) at depths between the ground surface and a depth of 1 foot, and Poorly Graded Sand (FILL) between depths of 1 and 3 feet near the Northern Property Boundary, grading to depths between 1 and 5 feet near the Southern Property Boundary. Beneath the Sand FILL, Sandy Silt was uniformly present at the Site. The exception to this General Description was the Possible Former UST Basins, which Contained Poorly Graded Sand (FILL) to a depth of approximately 9 feet below ground surface. The Basins were encountered in the Northeast, Central, and West Excavation Areas.

A Washington Department of Transportation test boring advanced near the intersection of the Port of Tacoma Road and Interstate 5, documents the presence of gravel with sand and sand to a depth of 8 feet, underlain by at least 12 feet of silt or silt with sand. The shallow gravels may represent fill material placed atop natural fluvially and alluvially deposited silts and sandy silts. These fill materials may be expected underneath roadways and developed properties, and are often designed to elevate the surface above shallow groundwater and reduce susceptibility to flooding due to groundwater flooding during wet periods, and flooding due to heavy precipitation or breaches and overtopping of the levee system or the associated ditch systems.

Subsurface and Hydrological Characteristics - Groundwater Flow:

The principal aquifers in the Puget Sound Region occur in glacial drift, that along with finer grained interglacial sediments, underlie the basin lowland to depths often exceeding 1,000 feet. Sand and gravel units within the glacial drift form the principle aquifers. These aquifers receive ample recharge from the typically heavy precipitation characteristic of western Washington. The glacial drift in the Puget Sound region varies greatly in composition and water yielding capacity. Typically, wells in glacial drift that tap silt, clay, or till in the region at approximately 75 to 100 feet below ground surface may have yields of 100 gallons or more per minute. Deeper wells tapping thick, saturated layers of highly permeable gravel and coarse sand, typically at depths greater than 250 feet below ground surface, can yield more than 1,000 gallons per minute.

Static water levels north and east of the subject Property have been recorded between depths of three to six feet bgs. During the AESI Phase II, water levels were reported to range from three to seven feet bgs on the subject Property. Ditches in the vicinity are estimated to be as much as four to five feet deep. Groundwater flow direction has been documented at the property to the north as flowing to the south-southwest; to the west and southwest at the current *Travelodge* property, adjacent to the east; and at the former Texaco Station, adjacent to the northwest, as flowing to the west-southwest, or to the south or southwest. Topography is not always a reliable basis for predicting groundwater flow direction, and flow may vary considerably from site to site, according to local influences such as the presence of production or irrigation wells and variations in geologic material and the geometry of distinct geologic units.

A groundwater divide, north of which groundwater flow may be expected to flow toward Commencement Bay, is likely present perhaps as near as a few hundred feet to the north of the Site; this groundwater divide may migrate considerable. The straightened and levi-bound Lower Puyallup River channel is located approximately 3,000 feet south west of the subject Property. Groundwater in the vicinity of the Site, based upon water level data may flow predominantly in the direction of the Puyallup River channel, but may also flow to the west or northwest where the groundwater system is influence by elevated Puyallup River water levels during flood stage or the wet winter seasons.

Components of an extensive ditch system are visible south of the Site, along the northern and southern margins of Interstate 5, and north of Pacific Highway East. Portions of the ditch system to the north may discharge to Wapato Creek to the east. Ditches to the south may not be connected to the system to the north. When the water table is low, during dry summer months, water entering ditches may, in part, infiltrate toward the water table; when the water table is higher, during wet winter periods, groundwater may discharge to deeper drainage ditches.

Because tidal fluctuations approach 15 or more feet in the Tacoma area, complex fluctuations in ground water levels and flow direction may occur within some low lying areas near Commencement Bay. Tidal fluctuations may potentially influence groundwater flow at the subject Property, given its location approximately 3,000 feet from the Blair Waterway and approximately 3,000 feet northeast of the Puyallup River channel. Groundwater flow direction at low tide may potentially be diverted somewhat to the west or even northwest.

Jones, Orr and Ebbert depict the shallow alluvial aquifer of Commencement Bay as hydraulically connected to adjoining glacial aquifers above; in general groundwater is expected to flow from the bluffs above, toward Commencement Bay and the Puyallup River, with a significant flow component in the direction of river flow, toward Commencement Bay.

> "Aquifer Qc1 [Jones 1999] is generally a confined aquifer except where it is exposed at the surface, where it is unconfined, or not completely saturated beneath Qvt [Vashon Till]. It consists largely of sand and gravel deposits but does contain silt and clay within the sand

and gravel matrix. ... The altitude of the top of this aquifer ranges from 50 feet below sea level to 509 feet above sea level."

Groundwater Hydrology of the Tacoma-Puyallup Area, Pierce Country, Washington, USGS Water Resources Investigation 99-4013, M.A. Jones, L.A. Orr, J.C. Ebbert, and S.S. Sumioka, 1999.

Ground-Water Occurrence and Stratigraphy of Unconsolidated Deposits, Central Pierce County, Washington, Water Supply Bulletin No. 22, State of Washington, Department of Water Resources, Kenneth L. Walters and Grant E. Kimmel, 1968

Lower Duwamish Waterway, Phase I Remedial Investigation Report, Final, Lower Duwamish Waterway Group, and *Development of a Three-Dimensional, Numerical Groundwater Flow Model for the Duwamish River Basin*, Booth and Herman 1998.

Tidal Along-shore Groundwater Flow in a Coastal Aquifer, L. Li, D.A. Barry, F. Stagnitti, and J.Y. Parlange, Environmental Modeling and Assessment 4 (1999), pp 179-188.

The shallow gravel and sand fill is generally expected to readily transmit groundwater, and where present, groundwater contaminants, while the underlying silts and sandy silts are generally expected to impede both the vertical and horizontal flow of groundwater, and where present, groundwater contaminants. Where porous fill materials associated with utility trenches, such as those that may be present underneath Pacific Highway East, are present, these trenches may serve to intercept and divert shallow groundwater.

The presence of water during the *Site Remedial Excavation* varied greatly. Factors contributing to this variance included local rainfall, fill material thickness, and location on the Property. The source of much of the ground water onsite was from direct percolation of rainfall into the Gravel surface underlain by the Sand FILL on the Property. Additionally, surface runoff originating from the Jack in the Box Property to the Northwest, the Access Easement to the North, and the Tahoma Express Property to the northeast, flowed directly onto the subject Property. The lack of a curb on the north Property boundary coupled with poor grading as related to catch basins, allowed for surface runoff to free flow down an approximately 0.04 ft/ft grade onto the subject Property.

The Northeast Excavation, which was performed on a day with minimal precipitation, was to a total depth of 10 feet bgs. The north side revealed groundwater seepage above the Sandy SILT. In the northwestern corner, this was from a depth of approximately 3 feet, while in the northeastern corner, where FILL was present to a depth of 9 feet, groundwater seepage was recorded from depths ranging from 3 feet and 9 feet. The depth to groundwater in the bottom of the excavation at the end of the day was 10 feet bgs.

The Central Excavation, which was to a total depth of 10 feet bgs did not reveal groundwater seepage in the northern half. Only when excavating in the vicinity of the 12-inch storm sewer pipe trench, which contained gravel and cobbles, did groundwater flow into the open-hole. The water level was measured at 10 feet bgs before the Central Excavation was backfilled.

The West Excavation, which was performed in heavy precipitation, was also to a depth of 10 feet bgs. Severe sloughing of the saturated sidewalls was observed and the water level was measured to be 9 feet bgs. The Southwest Excavation, which was performed concurrently, was to be to a depth of at least 10 feet bgs, however, when the trench was exposed to the 12" storm sewer, groundwater flowed readily in to the open-hole. Groundwater was measured to be at a level of 5 feet bgs. The excavation was then abandoned. No water was encountered in the Southeast Excavation.

The lower Puyallup River levee system was constructed in the 1940s:

> "The Flood Control Act of June28, 1938 provided for the construction and maintenance of a channel conveyance project. The project provides for a channel with a capacity of 50,000 cfs between the East 11th Street bridge and the lower 2.2 miles at Commencement Bay, by straightening the channel, building levees, and making all necessary bridge changes. The East 11th Street bridge at the lower end of the project is 0.75 mile above the mouth of the Puyallup River. The project was completed in 1950."

During a period of record flooding in January 2009, Puyallup River flow peaked at 41,500 cfs; channel sedimentation during the last six decades is believed to have decreased the channel cross section and therefore capacity. The USACE estimates that, in the absence of flood control efforts imposed by the management of releases from the Mud Mountain Dam, "the peak flow in the Puyallup River at Puyallup would have exceeded 70,000 cfs" in January 2009.

> "The Puyallup River enters Commencement Bay in the City of Tacoma. The estuary historically covered an area approximately 5,800 acres in size. From 1877 to 1988, over 98 percent of the estuary was modified, leaving only 187 acres of mudflat, 90 acres of subtidal and intertidal vegetated shallows, and only 57 acres of the original tidal marsh. ... Additional alterations to the Commencement Bay contributed to the now degraded and filled delta region."

> "The lower Puyallup River levees are primarily constructed on fine-grained silt and clay, with deposits of clean sand to silty sand and gravelly sand. On a large scale, these soils are generally uniform .... the levees themselves are composed of a mixture of the existing native deposits with the embankments and nearby foundation soils containing cobbles, boulders, and wood pilings."

> "Sediment transport has been estimate to range from 440,000 to 1,400,000 tons annually, with the majority of these sediments characterized as fine sediments..."

Puyallup River Section 905(b) WRDA 86 Analysis, U.S. Army Corps of Engineers, Seattle District, March 18, 2009.

The City of Tacoma supplies potable water within the city limits. The City of Tacoma reports its water source as the upper eastern sections of the Green River watershed along the western flanks of the Cascade Mountains; the city also maintains groundwater production wells within the same area, in the vicinity of the Eagle Gorge Reservoir and the Howard Hanson Dam, some twenty miles east of the subject Property. A municipal well field, utilized during high demand periods, is located near Interstate 5 in south Tacoma, over three miles west of the subject Property.

SECTION IV.
FIELD WORK

Site Activities:

The *Site Remedial Excavation* activities were performed on October 3, 4, 5, 6, 7, 20, 21, and 24, 2016 under contract with Aerotech. The subsurface remedial excavation was performed by

equipment owned by and operated by Langseth. Dump trucks subcontracted by Langseth transported 1,685.24 tons of potentially contaminated soil to the Landfill and Recycling, Inc. ("LRI") Landfill located at 30919 Meridian Street East, Graham, Washington (see Weight Tickets in Appendix). All subsurface work was overseen by an experienced Certified Washington UST Site Assessor, Nicholas Gerkin. The laboratory analytical services were performed by a State of Washington Licensed Laboratory, Advanced Analytical Environmental Testing Laboratory, Inc. ("Advanced Analytical") in Redmond, Washington.

Notifications - "Public" Utilities:

Due to the age and nature of the Site, a "public" utilities notification was performed prior to the start of work. Aerotech Environmental Consulting, Inc.[1] performed the "public" utilities notification on September 28, 2016, and was issued Ticket Number 16314495 by the Utilities Underground Location Center.

According to the Utilities Underground Location Center the utilities, notification included:

ADTEL	INTEGRA TELECOM	(800)762-0592
CC7711	COMCAST CABLE	(800)762-0592
FIFE01	CITY OF FIFE	(253)922-9315
MCCHRD01	MCCHORD PIPELINE COMPANY	(253)383-1651
OLYPE01	BC/OLYMPIC PIPE LINE COMPANY	(425)981-2517
PUGE07	PUGET SOUND EVERGY ELECTRIC	(888)728-9343
PUGG07	PUGET SOUND ENERGY GAS	(888)728-9343
QLNWA24	CTLQL-CENTURYLINK	(800)778-9140
TACPWR01	TACOMA PWR & CLICK NETWORK	(253)502-8263

Notifications - Private Utilities Location:

Additionally, Aerotech Environmental Consulting, Inc engaged personnel of Mountain View Locating, LLC of Bonney Lake, Washington to locate on Site exterior utilities on September 30 and October 19, 2016, prior to the start of the on Site excavation activities. Mr. Dave Schaff was present representing Mountain View Locating, LLC. Mr. Nick Gerkin and Mr. Steve Fletcher, a Subsurface Utility Expert were present, representing Aerotech.

No unanticipated or unexpected situations were discovered or encountered during the "private" locating activities. Based upon pavement markings made by utility location technicians; the location of visible utility fixtures such as gas valves, electrical panels and manholes; the locations of patched pavement; and the presence of anomalies detected by induction methodologies, possible and probable locations of buried utilities were identified and marked, in order to safely guide the progress of the remedial excavation.

Ground Penetrating Radar Subsurface Investigation:

A Ground Penetrating Radar Study and magnetometer survey were performed in the Areas of Concern on September 30 and October 19, 2016 by Mr. Dave Schaff of Mountain View Locating, LLC, with special attention to planned borehole locations. Mr. Nick Gerkin representing Aerotech Environmental, was also present during the radar survey in order to guide the investigation and interpret results.

A Ground Penetrating Radar ("GPR") Study is a geophysical methodology which uses radar

[1] Aerotech Environmental Consulting, Inc., was previously issued a Contractor Identification Number by the non-profit Utilities Underground Location Center (www.callbeforeyoudig.com).

pulses to reflect off of subsurface structures and thus provide an image of the subsurface conditions and the possible presence of subsurface objects. The depth of GPR Survey is determined by the electrical conductivity of the ground and the survey equipment transmitting frequency, and is limited to eight to thirteen feet below ground surface. However, the presence of significant subsurface obstructions, concrete rebar, or surficial obstructions, may limit the depth of radar penetration, the accuracy or resolution of the radar data, and ultimately the ability to accurately interpret and identify possible buried objects, or natural subsurface interfaces.

Excavation Activities (Phase 1):

On October 3 and 4, 2016, Aerotech observed Langseth excavate an area, of approximately 1250 square feet to a depth of 10 feet bgs. The presence of an electrical conduit to the north, storm sewer conduit to the northeast, and the 6-inch water main to the southwest limited the Northeast Excavation in these directions. Conveyance system remnants including piping were discovered in the vicinity of the P5 locations at a depth of approximately 3 to 4 feet bgs. Samples were acquired at the P1 through P11 locations at depths ranging from 3 to 10 feet bgs. Groundwater level was measured to be at 10 feet bgs. 110 pounds of Regenesis Oxygen Release Compound Advanced ("ORC Advanced") was mixed in to the floor of the excavation using the excavator bucket. A 70-foot long by 10-foot wide Cool Guard HRL36 Liner was then installed on the north and northeast sidewalls of the excavation from ground surface to the total depth of 10 feet bgs. The excavation was then backfilled by Langseth.

On October 5 and 6, 2016, Aerotech observed Langseth excavate an area, of approximately 700 square feet to a depth of 10 feet bgs. The presence of an electrical conduit to the southwest and northwest and the 6-inch water main to the northeast limited the Central Excavation in these directions. The majority of conveyance system remnants including piping were discovered throughout the excavation at a depth of approximately 3 to 4 feet bgs. Samples were acquired at the P12 through P19 locations at depths ranging from 5 to 10 feet bgs. 110 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. A 30-foot long by 10-foot wide Cool Guard HRL36 Liner was then installed on the northwest sidewall of the excavation from ground surface to the total depth of 10 feet bgs. The excavation was then backfilled by Langseth.

Test Pit Activities:

On October 6, 2016, excavation activities were suspended to begin digging test pits. Samples were to be collected at various areas of the site to acsertain the extent of soil containing petroleum hydrocarbons at concentrations above the MTCA Method A Cleanup Levels. Aerotech observed Langseth excavate each test pit, each of which was approximately 10 feet long by 4 feet wide. After samples were collected, soil was replaced back in to each hole from which it originated.

Test pits were excavated during October 6 and October 7, 2016. Soil containing petroleum hydrocarbons at concentrations above the MTCA Method A Cleanup Levels in TP3, TP6, TP7, TP8, and TP9. The laboratory analytical results from test pit activities identified what was to become the West, Southwest, Southeast excavations along with the final southern half of the Central excavation.

Excavation Activities (Phase 2):

On October 20, 2016, in heavy precipitation, Aerotech observed Langseth excavate an area, of approximately 670 square feet to a depth of 10 feet bgs. The presence of a 12-inch storm sewer conduit to the south, electrical conduit to the east, and the bio-swale to the northwest limited the West Excavation in these directions. Samples were acquired at the P20 through P24 locations at depths ranging from 5 to 12 feet bgs. Extreme sloughing was observed from the eastern sidewall.

165 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. Groundwater was measured at 9 feet bgs. An area immediately to the south of approximately 170 square feet, the Southwest Excavation, was then excavated by Langseth. The exposure of the storm sewer trench to the north allowed water to readily flow into the open-hole which stabilized at 5 feet bgs. No additional samples were collected from this area. 22.5 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. The hole was abandoned due to the level of saturation. The excavation was then backfilled by Langseth.

On October 21, 2016, in heavy precipitation, Aerotech observed Langseth excavate an area, of approximately 600 square feet to a depth of 10 feet bgs. The presence of a 12-inch storm sewer conduit to the southeast, and the 6-inch water main to the northeast limited the extension of the Central Excavation in these directions. Samples were acquired at the P25 through P28 locations at depths ranging from 3 to 10 feet bgs. Extreme sloughing was observed from the eastern sidewall. 55 pounds ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. The excavation was then backfilled by Langseth.

On October 24, 2016, Aerotech observed Langseth excavate an area adjoining the Northeast Excavation from sample point P11 to sample points TP1 and TP2, of approximately 250 square feet to a depth of 10 feet bgs. The presence of the 6-inch water main to the southwest, electrical conduit to the southeast, and a storm sewer conduit to the northeast limited the extension of the Northeast Excavation in these directions. A sample were acquired at the P29 location at a depth of 3 feet bgs. No groundwater was encountered. The excavation was then backfilled by Langseth.

On October 24, 2016, Aerotech observed Langseth excavate an area, of approximately 650 square feet to a depth of 10 feet bgs. The presence of a 12-inch storm sewer conduit to the south and electrical conduit to the west limited the second extension of the Central Excavation in these directions. Samples were acquired at the P30 through P31 locations at depths ranging from 5 to 10 feet bgs. Extreme sloughing was observed from the western sidewall. 22.5 pounds of ORC Advanced was mixed in to the floor of the excavation using the excavator bucket. The excavation was then backfilled by Langseth.

On October 24, 2016, Aerotech observed Langseth excavate an area, of approximately 310 square feet to a depth of 5 feet bgs. The presence of an electrical conduit to the northwest limited the Southeast Excavation in this direction. Samples were acquired at the P32 through P34 locations at depths of 3 feet bgs. The excavation was then backfilled by Langseth.

Soil Sample Collection:

A total of 84 discrete soil samples were collected and preserved in accordance with EPA Method 5035A on October 3, 4, 5, 6, 7, 20, 21 and 24, 2016 from test pits and the sidewalls and the floor of the excavations. Sample collection depths ranged from 3 to 12 feet bgs. Visual or olfactory evidence of petroleum impacted soil was observed between depths of 3 and 10 feet bgs in the vicinity of the former pump islands and UST Basins.

A Trimble GeoXH 2008 series Global Positioning System unit was used to collect latitudinal and longitudinal coordinates for each sample location. Each sample location, along with reference points onsite were recorded onsite by John Sidor, an Aerotech Georaphic Information Systems Professional to within one meter accuracy.

Samples were placed in unpreserved 40cc glass vials and/or unpreserved four-ounce glass jars. Select samples were placed into methanol-preserved 40cc glass vials if they were to arrive at the laboratory after greater than 24 hours. Each sample was given a unique identifier number and placed in an iced cooler for sample preservation. A Chain of Custody recorded the collection and handling of every sample. The soil samples were then submitted to Advanced Analytical. Soil samples were analyzed for TPHg in accordance with Method NWTPH-Gx and benzene, toluene, ethylbenzene, and total xylenes in accordance with EPA Method 8021B. Select soil samples were

analyzed for lead in accordance with EPA Method 7010 and Chlorinated Volatile Organic Compounds in accordance with EPA Method 8260B. Select samples from Northeast, Central, and West Excavation areas were also analyzed for diesel ("TPHd") and motor oil ("TPHo") in accordance with NWTPH-Dx extended for further verification that the two constituents were not contaminants of concern. Laboratory analytical reports and Chain of Custody Records are provided in the Appendix. Cumulative soil sample laboratory analytical results can be found in Table 1.

Site Restoration:

Upon completion of each section of the remedial excavation, the open-holes were backfilled with pit run - 1 1/4" crushed rock, sand, and quarry spalls to allow for improved compaction. Each excavation area was subsequently compacted every three to four vertical feet by Langseth using a backhoe-mounted tamper. The crushed rock was also spread evenly across the parking lot to restore any disturbed areas from excavation-related work.

SECTION V.
CONCLUSION

Aerotech, along with Langseth, performed a Remedial Excavation in two phases during the month of October 2016. Analytical results from the Phase II *Supplemental Phase II Environmental Site Assessment* were used to guide the initial stages of the excavation. Analytical results from samples collected during the Site Remedial Excavation and during Test Pit activities were used to determine the final extents. Major subsurface utilities were identified at several locations on the Property and limited the removal of soil containing petroleum hydrocarbons at concentration above the MTCA Method A Cleanup Levels at these locations. TPHg, Benzene, Toluene, Ethylbenzene, and Xylenes remain Constituents of Concern at the Site. Chlorinated Volatile Organic Compounds, TPHd, and TPHo not detected above laboratory Minimum Reporting Limits. Lead was detected, but at concentrations well below the MCAT method A Cleanup Level for Soil. A saturated, wooded. Bio-Swale is located on-Property to the Northwest of the Site Remedial Excavation and limited soil removal in that direction. Southwest of the Property, the topography slopes downward into a water retaining drainage area, which also limited soil removal. Former fueling station conveyance system remnants along with 1,685.24 tons of potentially contaminated soil to the LRI Landfill located at 30919 Meridian Street East, Graham, Washington. A total of 84 soil samples were collected from the sidewalls and bottom of the excavation in the vicinity of the former fuel pump and former UST basin. Groundwater was encountered on Site at levels ranging form 3 to 10 feet bgs.

STATEMENT OF THE WASHINGTON CERTIFIED UST SITE ASSESSOR

I have performed this Site Remedial Excavation in accordance with generally accepted environmental practices, procedures, and regulatory requirements, as of the date of this Report. I have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of this part. I have the specific qualifications based upon education, training, and experience necessary to plan and implement subsurface investigations.

Signature of the Washington Certified UST Site Assessor:

Signature – Nicholas Gerkin

STATEMENT OF THE LICENSED GEOLOGIST

As stipulated in the Regulatory Code of the State of Washington Title 18, Chapter 18.220, the undersigned is a licensed Geologist in the State of Washington, and has met the statutory requirements of RCW § 18.220.060 for such licensing including, but not limited to, educational requirements, work and field experience, examination proficiency, and acceptance by the State Licensing Board.

The undersigned Licensed Geologist has supervised the geological work performed as described in attached Report – a majority of said work being performed by employees of the firm which employs undersigned Licensed Geologist – as delineated in RCW Title 18, Chapter 18.220, Paragraph 190.

Signature of Licensed Washington Geologist:

State of Washington
3063
Licensed Geologist

Signature – James McDermott (License No. 3063)

James G. McDermott

APPENDIX

- **Table & Figures**
- **Photographs**
- **Weight Tickets**
- **Project Contract Documents**
- **Laboratory Analytical Results**
- **Laboratory Chains of Custody**
- **Supplemental Documents**

Table & Figures

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Excavation - October 31, 2016

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P1(10')	P1	10/03/16	10	9.0	<20	<50	0.096	<0.050	<0.050	<0.050	--
P2(5')	P2	10/03/16	5	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P3(10')	P3	10/03/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P4(5')	P4	10/03/16	5	8.5	<20	<50	<0.020	<0.050	0.10	<0.050	--
P5(5')	P5	10/03/16	5	**53**	<20	<50	**0.16**	0.071	0.84	0.15	7.8
P5(10')	P5	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P6(10')	P6	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P7(3')	P7	10/04/16	3	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P8(10')	P8	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	
P9(5')	P9	10/04/16	5	**110**	<20	<50	**0.15**	<0.050	5.1	<0.050	5.2
P9(10')	P9	10/04/16	10	23	<20	<50	<0.020	<0.050	0.34	<0.050	--
P10(10')	P10	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P11(10')	P11	10/04/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P12(5')	P12	10/05/16	5	**100**	<20	<50	**0.42**	0.18	1.7	0.54	--
P12(10')	P12	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P13(5')	P13	10/05/16	5	6.7	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P13(10')	P13	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P14(5')	P14	10/05/16	5	**60**	<20	<50	**0.15**	0.17	0.096	0.16	--
P14(10')	P14	10/05/16	10	<5.0	<20	<50	<0.020	<0.050	<0.050	<0.050	--
P15(10')	P15	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P16(5')	P16	10/06/16	5	**1,100**	<20	<50	**0.72**	0.072	**7.5**	**32**	7.0
P16(10')	P16	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P17(5')	P17	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P17(10')	P17	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P18(5')	P18	10/06/16	5	**130**	--	--	**0.29**	<0.050	1.5	2.4	--
P18(10')	P18	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P19(5')	P19	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P19(10')	P19	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP1(5')	TP1	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP2(5')	TP2	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP2(10')	TP2	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP3(3')	TP3	10/06/16	3	**2,500**	--	--	**0.34**	0.35	**15**	**10**	--
TP3(5')	TP3	10/06/16	5	**650**	--	--	**0.53**	5.3	**7.5**	**7.3**	--
TP3(10')	TP3	10/06/16	10	27	--	--	<0.020	<0.050	0.18	0.25	--
TP4(3')	TP4	10/06/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP4(5')	TP4	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP4(10')	TP4	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP5(5')	TP5	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP5(10')	TP5	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP6(5')	TP6	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP6(10')	TP6	10/06/16	10	12	--	--	**0.071**	<0.050	<0.050	<0.050	--
TP7(5')	TP7	10/06/16	5	**690**	<20	<50	**0.90**	1.9	**32**	0.33	--
TP8(3')	TP8	10/06/16	3	**60**	--	--	<0.020	<0.050	1.2	<0.050	--
TP8(5')	TP8	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP9(5')*	TP9	10/06/16	5	**6,090**	<20	<50	**4.0**	4.0	**66**	**130**	--
TP9(10')*	TP9	10/06/16	10	**240**	--	--	**0.59**	1.5	1.6	3.7	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	250

TABLE 1
SOIL ANALYTICAL RESULTS
Fife RV Center
3410 Pacific Highway East
Fife, Washington

Aerotech Environmental Consulting, Inc. - Remedial Excavation - DRAFT (continued)

Sample ID	Soil Boring/Point Well ID	Sampling Date	Sample Depth	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Lead
			Feet BGS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TP11(5')	TP11	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP12(5')	TP12	10/06/16	5	18	--	--	<0.020	<0.050	<0.050	0.082	--
TP13(5')	TP13	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP14(5')	TP14	10/06/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP14(10')	TP14	10/06/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP15(5')	TP15	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP15(10')	TP15	10/07/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP16(3')	TP16	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP16(5')	TP16	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP17(3')	TP17	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP17(5')	TP17	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP18(3')	TP18	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP19(3')	TP19	10/07/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
TP19(5')	TP19	10/07/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P20(5')	P20	10/20/16	5	**57**	--	--	**0.065**	0.101	0.15	0.16	--
P20(10')	P20	10/20/16	10	20	--	--	**0.24**	<0.050	0.09	0.084	--
P21(5')	P21	10/20/16	5	**1,200**	--	--	**0.65**	0.59	**8.1**	**24**	--
P21(10')	P21	10/20/16	10	**66**	--	--	**0.11**	0.14	0.34	0.74	--
P22(5')	P22	10/20/16	5	**1,100**	--	--	**0.83**	1.9	**20**	**7.9**	--
P22(10')	P22	10/20/16	10	**34**	--	--	0.029	<0.050	0.43	0.19	--
P22(12')	P22	10/20/16	12	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P23(5')	P23	10/20/16	5	**760**	--	--	**0.46**	0.74	4.8	2.4	--
P23(10')	P23	10/20/16	10	16	--	--	<0.020	<0.050	0.22	0.10	--
P24(5')	P24	10/20/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P24(10')	P24	10/20/16	10	**50**	--	--	**0.26**	<0.050	1.5	0.86	--
P25(5')	P25	10/21/16	5	**5,200**	--	--	**4.6**	**25**	**35**	**230**	--
P25(10')	P25	10/21/16	10	**350**	--	--	**0.16**	3.4	1.6	**16**	--
P26(10')	P26	10/21/16	10	12	--	--	<0.020	<0.050	<0.050	0.41	--
P27(5')	P27	10/21/16	5	**58**	--	--	<0.020	<0.050	0.095	0.39	--
P28(5')	P28	10/21/16	5	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P28(10')	P28	10/21/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P29(3')	P29	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P30(5')	P30	10/24/16	5	**200**	--	--	**0.086**	0.19	0.28	0.40	--
P30(10')	P30	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P31(10')	P31	10/24/16	10	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P32(3')	P32	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P33(3')	P33	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
P34(3')	P34	10/24/16	3	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	--
MTCA Method A Cleanup Levels				30	2,000	2,000	0.03	7	6	6	250

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
BGS = Below Ground Surface mg/kg = milligram of analyte per kilogram of soil
< = not detected at indicated Laboratory Detection Limits -- = not analyzed
Benzen , Toluene, Ethylbenzene, Xylenes by EPA Method 8021E
TPHg - Total Petroleum Hydrocarbons - Gasoline by NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by NWTPH-Dx
TPHo - Total Petroleum Hydrocarbons - Motor Oil by NWTPH-Dx extended
Lead by EPA Method 7010
ND = Not Detected (minimum detection limit unknown)
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for soil
* = Soil from which this sample originated was removed during the Remedial Excavation

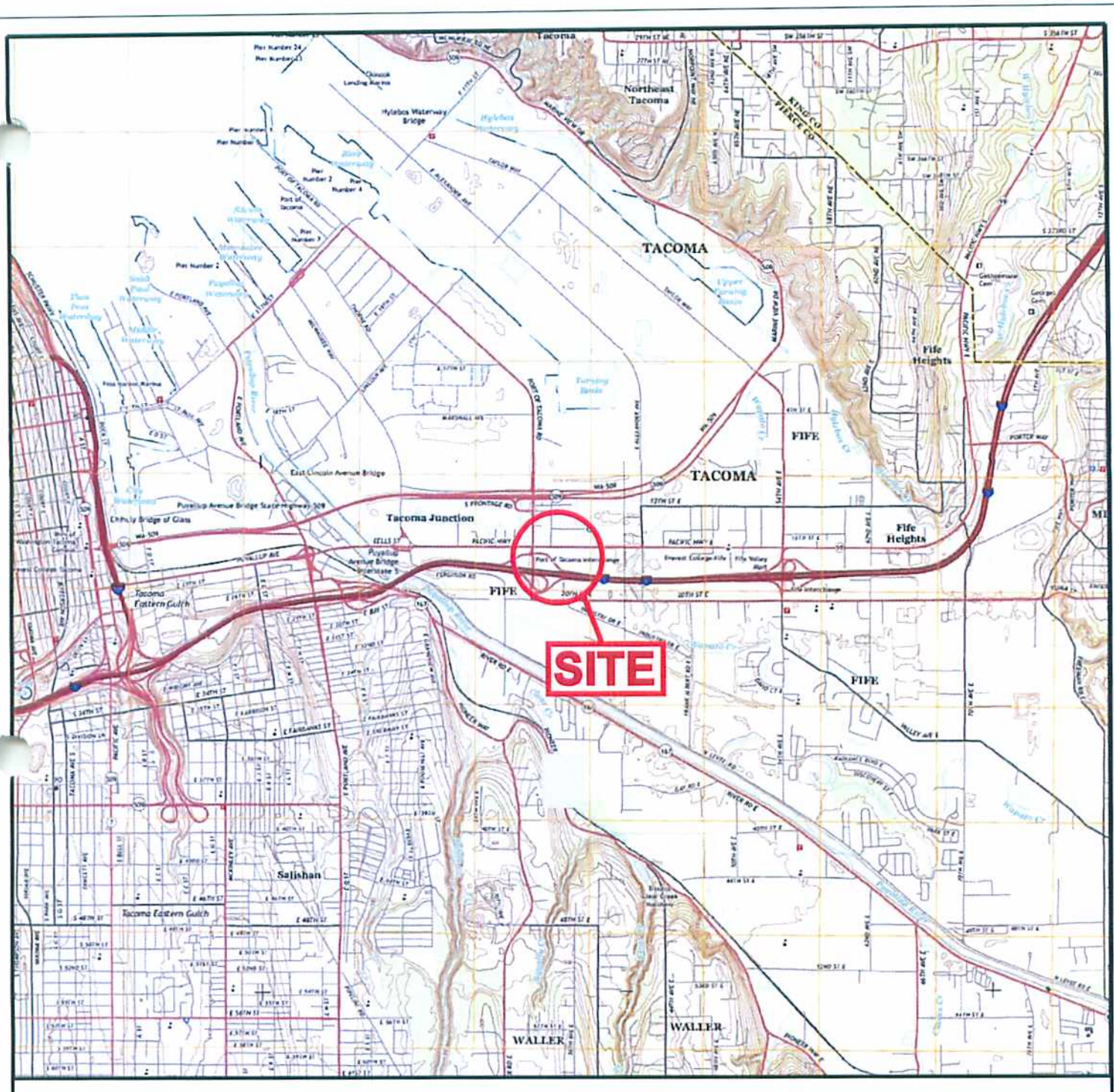

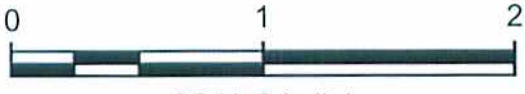

SCALE (mile)

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

AEROTECH
ENVIRONMENTAL CONSULTING

USGS TOPOGRAPHIC MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/30/16
By: Nick Gerkin
Figure: 1

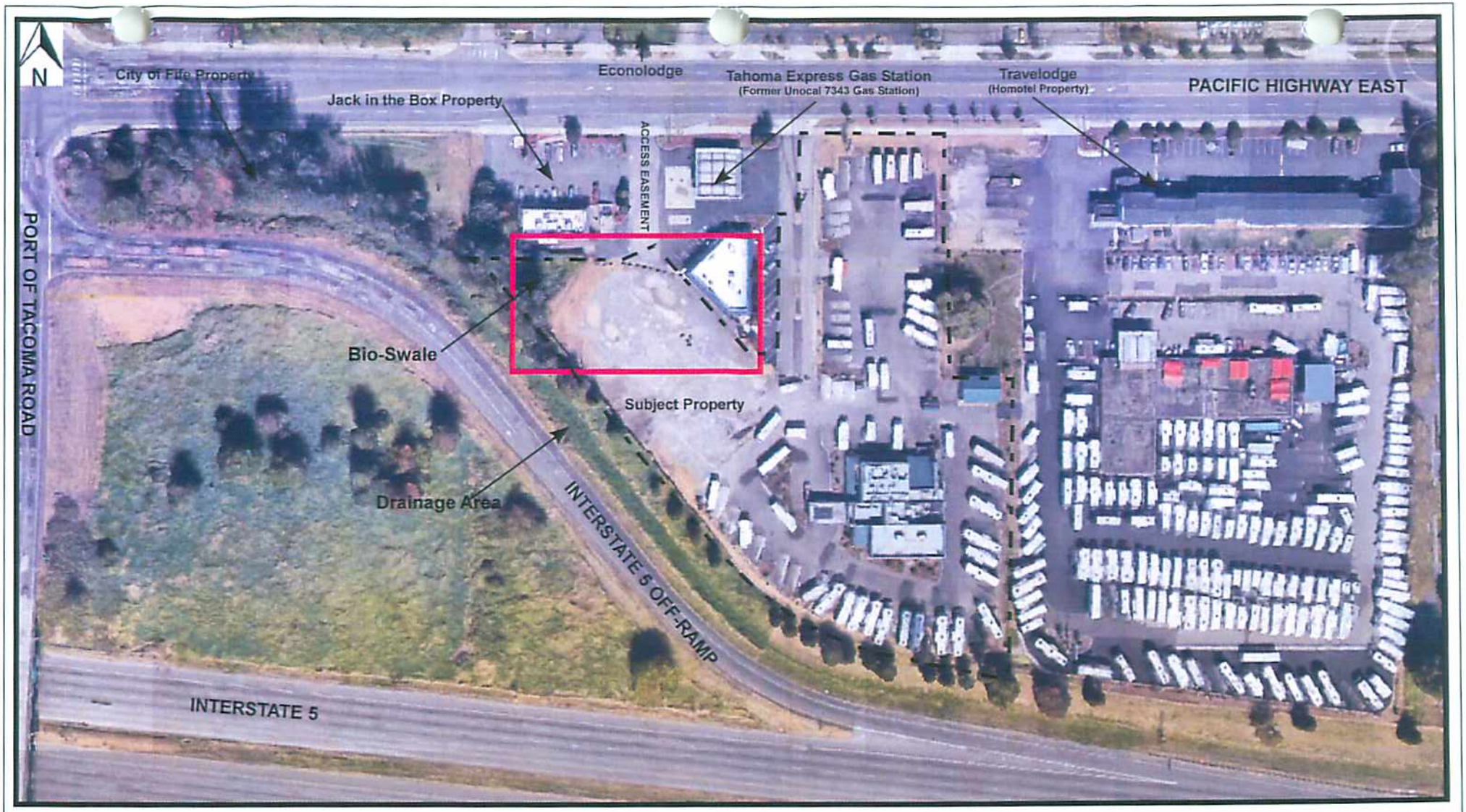

EXPLANATION

Extents of Site Remedial Excavation Figures

Property Boundary

AEROTECH ENVIRONMENTAL CONSULTING

SITE VICINITY MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

0 150 300
SCALE (feet)

Date: 10/30/16
By: Nick Gerkin
Figure: 2

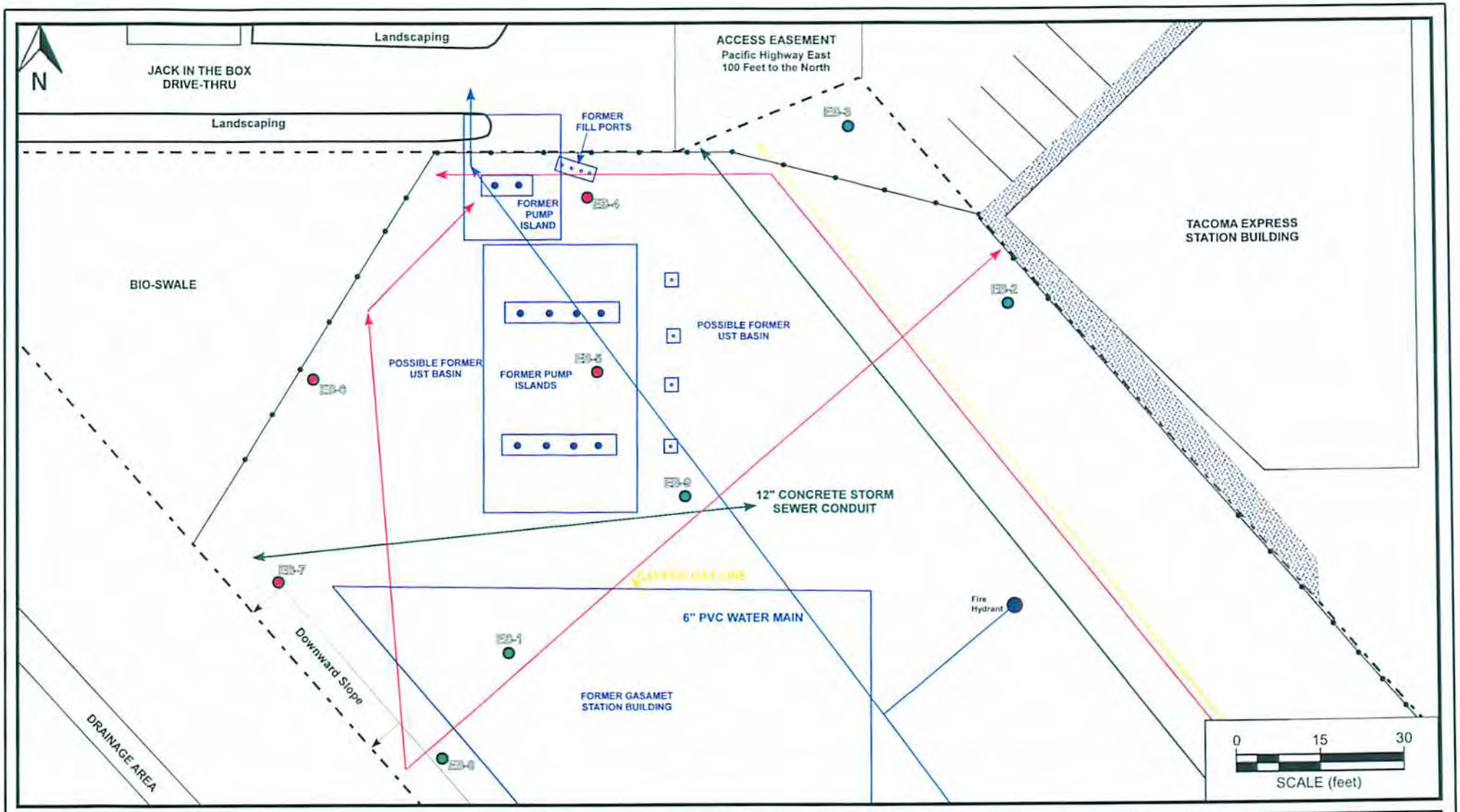

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

- Former Gasamet Gas Station Features
- EB-9 — 2014 AESI Phase II Soil Boring Location
- Property Boundary
- Excavation Boundary
- Fencing
- Storm Sewer
- Electrical Utility
- Gas Utility
- Water Utility

GENERALIZED SITE PLAN

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/31/16

By: Nick Gerkin

Figure: 3

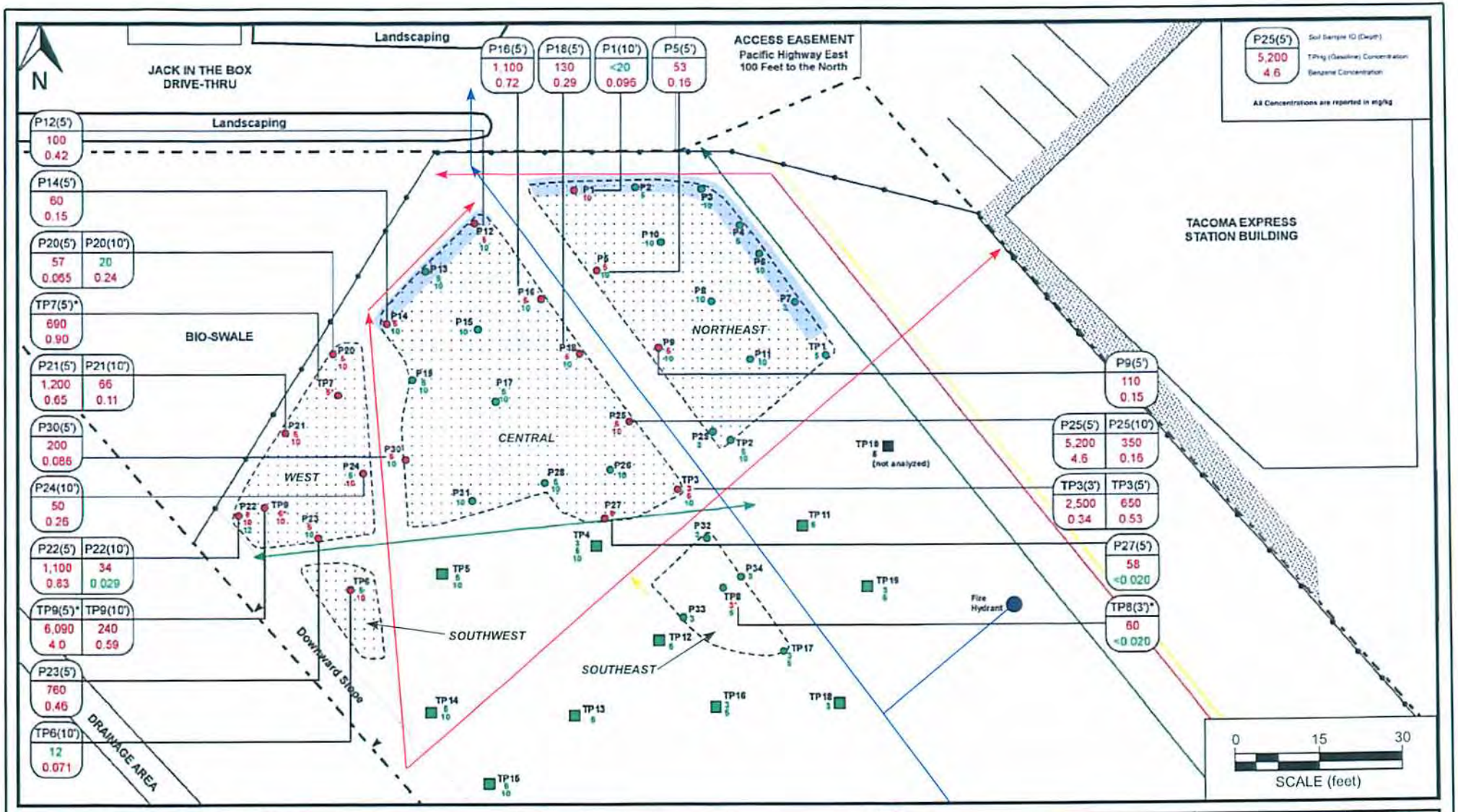

Green numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH ENVIRONMENTAL CONSULTING

EXPLANATION

- P34 — Excavation Sampling Point
- 3 — Depth of Sample(in feet)
- * — Indicates that Soil from which this Sample was collected was subsequently removed
- TP19 — Test Pit Location
- Property Boundary
- Excavation Boundary
- Fencing
- ORC-Advanced Application Area
- Cool Guard HRL36 Liner Installed to 10-Foot Depth
- Storm Sewer
- Electrical Utility
- Gas Utility
- Water Utility

SITE REMEDIAL EXCAVATION SOIL ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/31/16
By: Nick Gerkin
Figure: 4

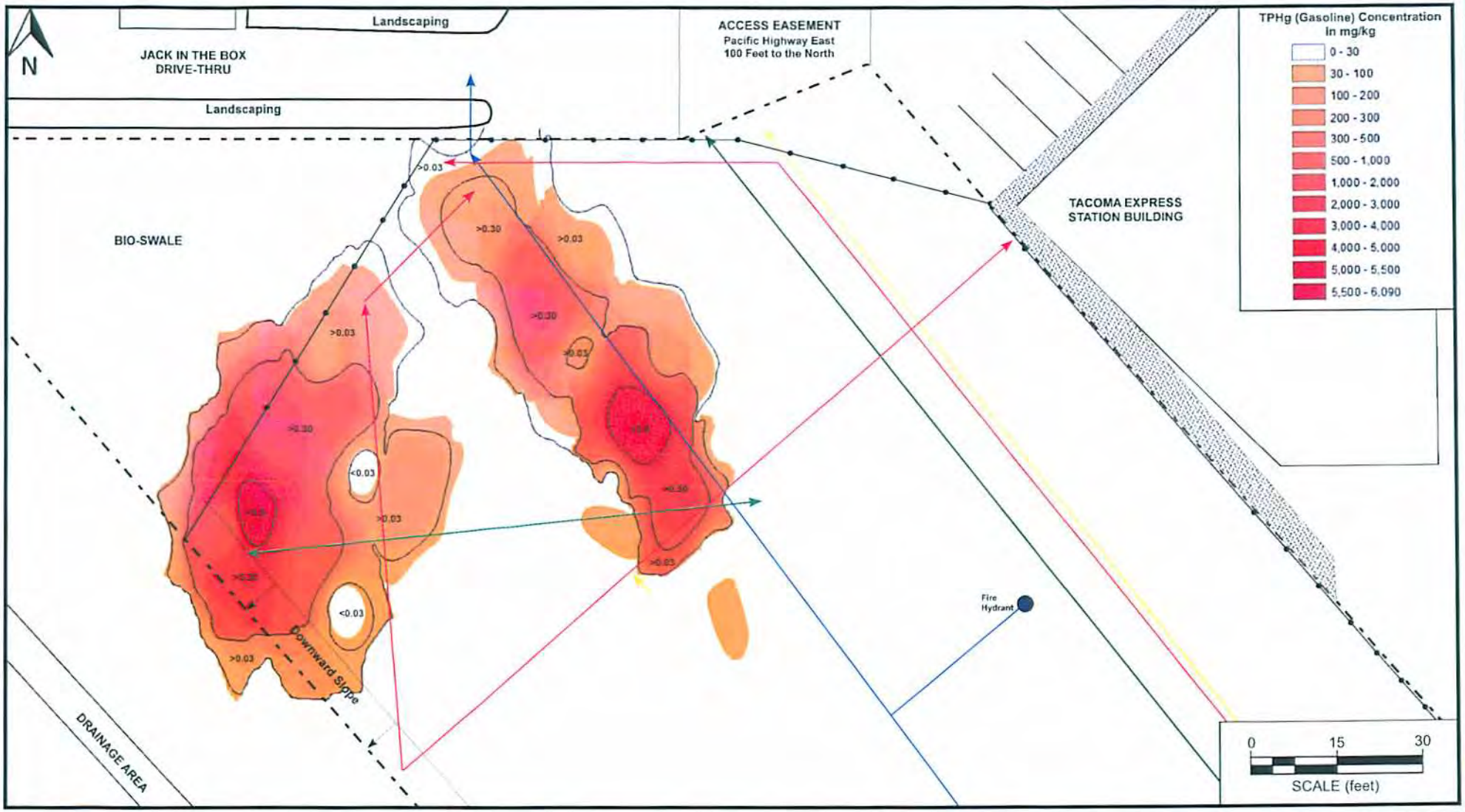

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

Benzene Isopleth		Storm Sewer	
	Property Boundary	Electrical Utility	
<0.30	Benzene Concentration (in mg/kg)	Excavation Boundary	Gas Utility
	Fencing	Water Utility	

TPHg & BENZENE CONCENTRATION ISOPLETH MAP - BEFORE EXCAVATION (3- TO 5-FOOT DEPTH)

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/01/16
By: Nick Gerkin
Figure: 5

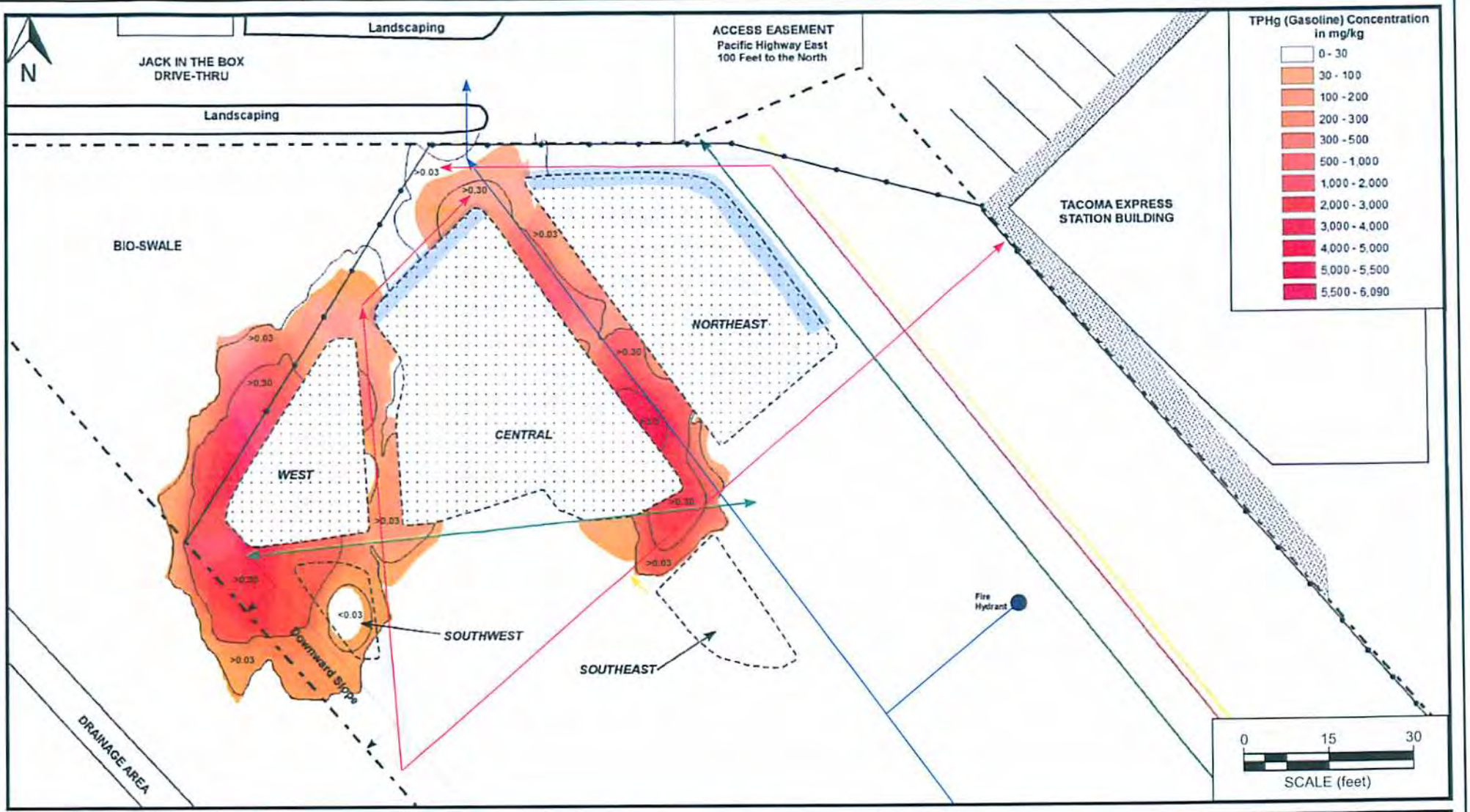

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

- Benzene Isopleth
- <0.30 Benzene Concentration (in mg/kg)
- Property Boundary
- Excavation Boundary
- Fencing
- ORC-Advanced Application Area
- Cool Guard HRL36 Liner Installed to 10-Foot Depth
- Storm Sewer
- Electrical Utility
- Gas Utility
- Water Utility

TPHg & BENZENE CONCENTRATION ISOPLETH MAP - POST EXCAVATION (3- TO 5-FOOT DEPTH)

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/01/16
By: Nick Gerkin
Figure: 6

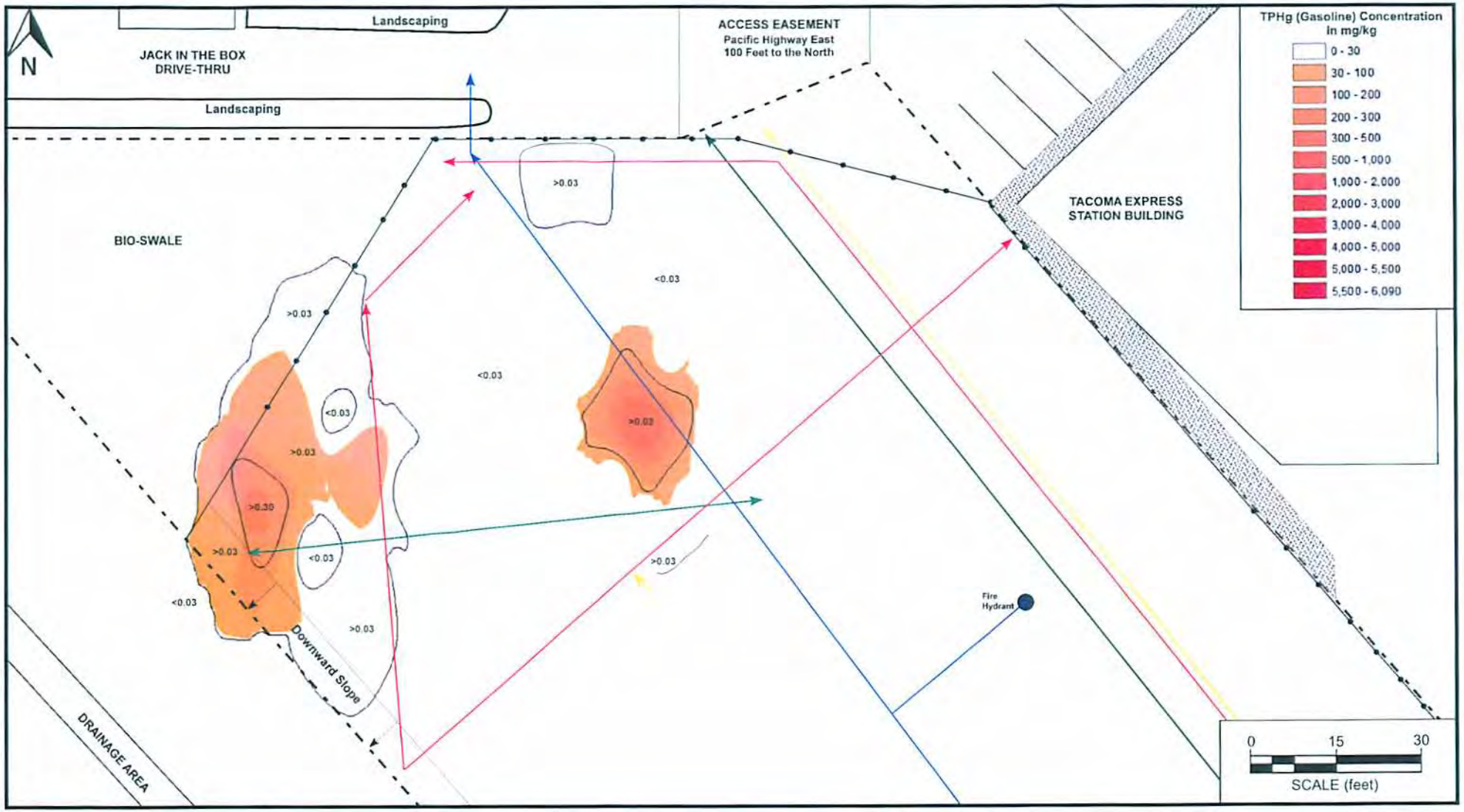

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

Benzene Isopleth	Property Boundary	Storm Sewer
<0.30 Benzene Concentration (in mg/kg)	Excavation Boundary	Electrical Utility
	Fencing	Gas Utility
		Water Utility

TPHg & BENZENE CONCENTRATION ISOPLETH MAP (10-FOOT DEPTH)

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 11/01/16
By: Nick Gerkin
Figure: 7

Photographs

The Beginning of the Remedial Excavation with CoolGuard Liner Prepared for Installation

North Property Boundary - Three Feet of SAND fill atop Sandy SILT

Regenesis ORC (Oxygen Release Compound) Advanced Pellets (Facilitates the Breakdown of Petroleum

View of the Saturated, Wooded Bio-Swale from the West

View of the Northeast Remedial Excavation

Northeast Excavation with Installed Cool Guard Liner and ORC Pellets

Central Excavation

Central Excavation with Installed CoolGuard Liner and ORC Pellets

Pump Island Remnants Removed from Central Excavation

Test Pitting Activities (Between Phases of the Excavation)

Storm Water Accumulation - Sourced from Jack in the Box and Tahoma Express Properties

West Excavation (with Exposed Power Utility)

Deep West Excavation and Shallow Southwest Excavation (Foreground)

Shallow Southeast Excavation

Application of ORC Pellets in Southern Portion of Central Excavation

Southern Edge of Central Excavation (with Exposed 12" Storm Sewer Pipe)

Water Accumulation in Southwestern Excavation (Appears to Flow from 12" Storm Sewer Trench)

Additional ORC Application in Central Excavation

- Weight Tickets

PCRCD, LLC DBA LRI-304TH ST
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Puyallup, WA 98375
(253) 847-7555

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AMOUNT DUE	AMOUNT PAID

LANGSETH ENVIRO SVCS, INC.

7517 PORTLAND AVENUE E
TACOMA WA 98404

ACCOUNT NO.

DATE	TICKET	VEHICLE	REFERENCE	DESCRIPTION	QUANTITY	AMOUNT
10/03/16	03-00432649		H15	SPECIAL WASTE-IN CO	36.67	
10/03/16	03-00432653		H16	SPECIAL WASTE-IN CO	30.35	
10/03/16	03-00432658		H24	SPECIAL WASTE-IN CO	30.31	
10/03/16	03-00432731		H15	SPECIAL WASTE-IN CO	33.27	
10/03/16	03-00432740		H24	SPECIAL WASTE-IN CO	33.10	
10/03/16	03-00432746		H16	SPECIAL WASTE-IN CO	36.07	
10/03/16	03-00432790		H15	SPECIAL WASTE-IN CO	33.57	
10/04/16	03-00432840		21	SPECIAL WASTE-IN CO	27.27	
10/04/16	03-00432850		28	SPECIAL WASTE-IN CO	27.09	
10/04/16	03-00432851		16	SPECIAL WASTE-IN CO	29.44	
10/04/16	03-00432853		13	SPECIAL WASTE-IN CO	27.63	
10/04/16	03-00432894		21	SPECIAL WASTE-IN CO	30.46	
10/04/16	03-00432901		16	SPECIAL WASTE-IN CO	32.89	
10/04/16	03-00432906		28	SPECIAL WASTE-IN CO	28.07	
10/04/16	03-00432915		13	SPECIAL WASTE-IN CO	34.31	
10/04/16	03-00432953		21	SPECIAL WASTE-IN CO	27.72	
10/05/16	04-00034099		16	SPECIAL WASTE-IN CO	33.61	
10/05/16	03-00433090			SPECIAL WASTE-IN CO	33.61	
10/05/16	03-00433113		32	SPECIAL WASTE-IN CO	28.70	
10/05/16	03-00433120		1	SPECIAL WASTE-IN CO	28.50	
10/05/16	03-00433130		16	SPECIAL WASTE-IN CO	32.27	
10/05/16	03-00433136		13	SPECIAL WASTE-IN CO	29.35	
10/05/16	03-00433166		24	SPECIAL WASTE-IN CO	23.95	
10/05/16	03-00433176		32	SPECIAL WASTE-IN CO	27.25	
10/05/16	03-00433181		1	SPECIAL WASTE-IN CO	27.75	
10/05/16	03-00433192		16	SPECIAL WASTE-IN CO	32.42	
10/06/16	03-00433209		HLW13	SPECIAL WASTE-IN CO	29.27	
10/06/16	03-00433216		HLW23 TIM	SPECIAL WASTE-IN CO	27.69	

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Printed 10/26/16

DATE	PAGE
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INVOICE NUMBER	

AMOUNT DUE	AMOUNT PAID

LANGSETH ENVIRO SVCS, INC.

7517 PORTLAND AVENUE E
TACOMA WA 98404

ACCOUNT NO.

DATE	TICKET	VEHICLE	REFERENCE	DESCRIPTION	QUANTITY	AMOUNT
10/06/16	03-00433242		HLW 14	SPECIAL WASTE-IN CO	24.67	
10/06/16	03-00433245		HLW 18	SPECIAL WASTE-IN CO	23.75	
10/06/16	03-00433249		HLW 28	SPECIAL WASTE-IN CO	26.85	927.86
10/07/16	03-00433529			Payment	1.00	
10/20/16	03-00435084		H18	SPECIAL WASTE-IN CO	30.08	
10/20/16	03-00435089		H24	SPECIAL WASTE-IN CO	33.36	
10/20/16	03-00435093		H16	SPECIAL WASTE-IN CO	31.55	
10/20/16	03-00435094		H14	SPECIAL WASTE-IN CO	27.11	
10/20/16	03-00435128		H18	SPECIAL WASTE-IN CO	23.95	
10/20/16	03-00435139		H24	SPECIAL WASTE-IN CO	27.83	
10/20/16	03-00435143		H16	SPECIAL WASTE-IN CO	30.17	
10/20/16	03-00435156		H14	SPECIAL WASTE-IN CO	24.66	
10/20/16	03-00435174		H18	SPECIAL WASTE-IN CO	26.80	
10/20/16	03-00435187		H24	SPECIAL WASTE-IN CO	29.43	
10/21/16	03-00435249		GAEL	SPECIAL WASTE-IN CO	29.79	
10/21/16	03-00435258		22	SPECIAL WASTE-IN CO	32.83	
10/21/16	03-00435266		21	SPECIAL WASTE-IN CO	24.83	
10/21/16	03-00435270		24	SPECIAL WASTE-IN CO	29.16	
10/21/16	03-00435301		GAEL	SPECIAL WASTE-IN CO	25.64	
10/21/16	03-00435310		22	SPECIAL WASTE-IN CO	28.68	
10/21/16	03-00435320		21	SPECIAL WASTE-IN CO	30.21	
10/21/16	03-00435327			SPECIAL WASTE-IN CO	27.99	
10/24/16	03-00435517		H22	SPECIAL WASTE-IN CO	29.03	
10/24/16	03-00435523		H28	SPECIAL WASTE-IN CO	21.79	
10/24/16	03-00435526		H16	SPECIAL WASTE-IN CO	30.78	
10/24/16	03-00435529		H14	SPECIAL WASTE-IN CO	25.40	
10/24/16	03-00435576		H16	SPECIAL WASTE-IN CO	33.95	
10/24/16	03-00435584		H28	SPECIAL WASTE-IN CO	26.85	
10/24/16	03-00435589		H14	SPECIAL WASTE-IN CO	22.74	
10/24/16	03-00435624		H16	SPECIAL WASTE-IN CO	32.60	

PCRCD, LLC DBA LRI-304TH ST
17925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

Printed 10/26/16

DATE	PAGE
10/26/16	3
INVOICE NUMBER	

AMOUNT DUE	AMOUNT PAID

LANGSETH ENVIRO SVCS, INC.

7517 PORTLAND AVENUE E
TACOMA WA 98404

ACCOUNT NO.

DATE	TICKET	VEHICLE	REFERENCE	DESCRIPTION	QUANTITY	AMOUNT
10/24/16	03-00435636		H28	SPECIAL WASTE-IN CO	20.17	
	Net weight	1685.24				757.38

PHASE 1 / PCS

927.86 TONS

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432653		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	09:54	10:10		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 102100 LB
Scale 2 Tare Wt. 41400 LB
Net Weight 60700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.35	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT

TENDERED

CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
[illegible]allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432740		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	13:20	13:33		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 107520 LB
Scale 2 Tare Wt. 41320 LB
Net Weight 66200 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.10	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432658		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	10:08	10:24		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 102100 LB
Scale 2 Tare Wt. 41480 LB
Net Weight 60620 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.31	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
[illegible]th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

[illegible]02-TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432746		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	13:41	13:53		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 113440 LB
Scale 2 Tare Wt. 41300 LB
Net Weight 72140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.07	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

** Duplicate Ticket **

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

1079
LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA, WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	432790		JOI

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	15:15	15:30		

REFERENCE	ORIGIN
H15	OTHER

Scale Gross Wt. 108380
Scale Tare Wt. 41240
Net Weight 67140

Charge Ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.57		SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

CHARGE
TENDER
CHANGE
CHECK #

PO # WDA 2050
NOTES HARLOW 15

SIGNATURE:

PCRCD, LLC dba LRI-304th
17925 Meridian St E
ıllup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432649		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	09:40	09:58		

REFERENCE	ORIGIN
H15	OTHER

Scale 1 Gross Wt. 114800 LB
Scale 2 Tare Wt. 41460 LB
Net Weight 73340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.67	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 15

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

'CRCD, LLC dba LRI-304th
7925 Meridian St E
'uyallup, WA 98375

ı01079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432731		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/03/16	10/03/16	12:58	13:10		

REFERENCE	ORIGIN
H15	OTHER

Scale 1 Gross Wt. 107880 LB
Scale 2 Tare Wt. 41340 LB
Net Weight 66540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
ı Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 15

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Lillup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432915		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	12:13	12:40		

REFERENCE	ORIGIN
13	OTHER

Scale 1 Gross Wt. 110200 LB
Scale 2 Tare Wt. 41580 LB
Net Weight 68620 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.31	TON	SPECIAL WASTE-IN CO				

NET AMOUNT

TENDERED

CHECK NO.

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432853		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	09:37	10:00		

REFERENCE	ORIGIN
13	OTHER

Scale 1 Gross Wt. 96920 LB
Scale 2 Tare Wt. 41660 LB
Net Weight 55260 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.63	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432953		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	13:41	14:01		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 97220 LB
Scale 2 Tare Wt. 41780 LB
Net Weight 55440 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.72	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
ıllup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432850		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	09:23	09:52		

REFERENCE	ORIGIN
28	OTHER

Scale 1 Gross Wt. 98160 LB
Scale 2 Tare Wt. 41980 LB
Net Weight 54180 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.09	TON	SPECIAL WASTE-IN CO				

NET AMOUNT

TENDERED

CHECK NO.

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 28

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

:RCD, LLC dba LRI-304th
925 Meridian St E
ıyallup, WA 98375

)1079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432906		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	11:43	11:58		

REFERENCE	ORIGIN
28	OTHER

Scale 1 Gross Wt. 97980 LB
Scale 2 Tare Wt. 41840 LB
Net Weight 56140 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.07	TON	SPECIAL WASTE-IN CO				

NET AMOUNT

TENDERED

CHECK NO.

ɔ,ɔrating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 28

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432851		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	09:25	09:37		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 100500 LB
Scale 2 Tare Wt. 41620 LB
Net Weight 58880 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.44	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432901		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	11:29	11:37		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 107440 LB
Scale 2 Tare Wt. 41660 LB
Net Weight 65780 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.89	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
h Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
ıllup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432840		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	08:46	09:11		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 96460 LB
Scale 2 Tare Wt. 41920 LB
Net Weight 54540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

TO REORDER CONTACT NORTH STAR FORMS (877) 459-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00432894		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/04/16	10/04/16	11:11	11:34		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 102720 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 60920 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.46	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433176		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	14:26	14:42		

REFERENCE	ORIGIN
32	OTHER

Scale 1 Gross Wt. 96300 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 54500 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.25	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 32

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433192		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	15:33	15:43		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 106680 LB
Scale 2 Tare Wt. 41840 LB
Net Weight 64840 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.42	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

102.TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

SITE	TICKET	GRID	WEIGHMASTER
03	00433181		Dana

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	14:47	15:06		

REFERENCE	ORIGIN
1	OTHER

PCRCD, LLC dba LRI-304th
17925 Meridian St E
llup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

Inbound - Charge ticket

Scale 1 Gross Wt. 97620 LB
Scale 2 Tare Wt. 42120 LB
Net Weight 55500 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.75	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 10

1

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

SITE	TICKET	GRID	WEIGHMASTER
03	00433166		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	14:13	14:25		

REFERENCE	ORIGIN
24	OTHER

RCD, LLC dba LRI-304th
25 Meridian St E
allup, WA 98375

079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

Inbound - Charge ticket

Scale 1 Gross Wt. 89780 LB
Scale 2 Tare Wt. 41880 LB
Net Weight 47900 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.95	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050
NOTES HARLOW 24

NET AMOUNT
TENDERED
CHECK NO.

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433130		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:42	12:51		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 106280 LB
Scale 2 Tare Wt. 41740 LB
Net Weight 64540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433136		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:58	13:17		

REFERENCE	ORIGIN
13	OTHER

Scale 1 Gross Wt. 100560 LB
Scale 2 Tare Wt. 41860 LB
Net Weight 58700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.35	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433090		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	11:10	11:20		

REFERENCE	ORIGIN
	OTHER

Scale 1 Gross Wt. 108780 LB
Scale 2 Tare Wt. 41560 LB
Net Weight 67220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.61	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 469-0492 SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433120		Dana

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:17	12:33		

REFERENCE	ORIGIN
1	OTHER

Scale 1 Gross Wt. 99240 LB
Scale 2 Tare Wt. 42240 LB
Net Weight 57000 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.50	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050
NOTES HARLOW 1

202 TS TO REORDER CONTACT NORTH STAR FORMS (877) 469-0492 SIGNATURE _____

PCRCD, LLC dba LR 304th
17925 Meridian St E
allup, WA 98375

002171 TRUCK INSURANCE EXCHANGE
31051 AGOURA RD
WESTLAKE VILLAGE CA 91361

SITE	TICKET	GRID	WEIGHMASTER
03	00433042		Dee Dee

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	09:14	09:24		

REFERENCE	ORIGIN
16	OTHER

Scale 1 Gross Wt. 109120 LB
Scale 2 Tare Wt. 41900 LB
Net Weight 67220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.61	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433113		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/05/16	10/05/16	12:04	12:19		

REFERENCE	ORIGIN
32	OTHER

Scale 1 Gross Wt. 99300 LB
Scale 2 Tare Wt. 41900 LB
Net Weight 57400 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.70	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 32

202 TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433249		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	09:20	09:40		

REFERENCE	ORIGIN
HLW 28	OTHER

Scale 1 Gross Wt. 95700 LB
Scale 2 Tare Wt. 42000 LB
Net Weight 53700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.85	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 28

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433242		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	09:02	09:11		

REFERENCE	ORIGIN
HLW 14	OTHER

Scale 1 Gross Wt. 92640 LB
Scale 2 Tare Wt. 43300 LB
Net Weight 49340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.67	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 14

202.T6 TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433245		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	09:10	09:24		

REFERENCE	ORIGIN
HLW 18	OTHER

Scale 1 Gross Wt. 88400 LB
Scale 2 Tare Wt. 40900 LB
Net Weight 47500 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.75	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433216		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	08:13	08:29		

REFERENCE	ORIGIN
HLW23 TIM	OTHER

Scale 1 Gross Wt. 96220 LB
Scale 2 Tare Wt. 40840 LB
Net Weight 55380 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.69	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 23

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00433209		Rebecca

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/06/16	10/06/16	08:07	08:20		

REFERENCE	ORIGIN
HLW13	OTHER

Scale 1 Gross Wt.	100600	LB	Inbound - Charge ticket
Scale 2 Tare Wt.	42060	LB	
Net Weight	58540	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.27	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 13

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PHASE 2 / PCS

757.38 TONS

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435084		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	09:09	09:24		

REFERENCE	ORIGIN
H18	OTHER

Scale 1 Gross Wt. 101280 LB
Scale 2 Tare Wt. 41120 LB
Net Weight 60160 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.08	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435089		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	09:30	09:43		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 108520 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 66720 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.36	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435093		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	09:49	10:08		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 107700 LB
Scale 2 Tare Wt. 44600 LB
Net Weight 63100 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.55	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 459-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435094		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	10:08	10:09		

REFERENCE	ORIGIN
H14	OTHER

Scale 1 Gross Wt. 96960 LB
Scale 2 Tare Wt. 42740 LB
Net Weight 54220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.11	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 14

02.TS TO REORDER CONTACT NORTH STAR FORMS (877) 459-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435128		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	11:25	11:36		

REFERENCE	ORIGIN
H18	OTHER

Scale 1 Gross Wt. 90560 LB
Scale 2 Tare Wt. 42660 LB
Net Weight 47900 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
23.95	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492 SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435139		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	11:54	12:07		

REFERENCE	ORIGIN
H24	OTHER

Scale 1 Gross Wt. 97540 LB
Scale 2 Tare Wt. 41880 LB
Net Weight 55660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.83	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 24

02.TS TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492 SIGNATURE

** Duplicate Ticket **

PCRCD, LLC dba LRI-304th
7925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

1079
LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA, WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	435156		JOI

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	12:50	12:59		

REFERENCE	ORIGIN
H14	OTHER

Scale Gross Wt. 92000
Scale Tare Wt. 42680
Net Weight 49320

Charge Ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.66		SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050A
NOTES HARLOW 14

SIGNATURE:

CHARGE
TENDER
CHANGE
CHECK #

** Duplicate Ticket **

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375
(253) 847-7555

1079
LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA, WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	435187		JOI

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	14:09	14:31		

REFERENCE	ORIGIN
H24	OTHER

Scale Gross Wt. 100380
Scale Tare Wt. 41520
Net Weight 58860

Charge Ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.43		SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 2050A
NOTES HARLOW 24

CHARGE
TENDER
CHANGE
CHECK #

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435143		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	12:21	12:32		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 105600 LB
Scale 2 Tare Wt. 45260 LB
Net Weight 60340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.17	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435174		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/20/16	10/20/16	13:38	13:53		

REFERENCE	ORIGIN
H18	OTHER

Scale 1 Gross Wt. 94760 LB
Scale 2 Tare Wt. 41160 LB
Net Weight 53600 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.80	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 18

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435249		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	09:04	09:13		

REFERENCE	ORIGIN
GAEL	OTHER

Scale 1 Gross Wt. 100620 LB
Scale 2 Tare Wt. 41040 LB
Net Weight 59580 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.79	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435301		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	11:06	11:15		

REFERENCE	ORIGIN
GAEL	OTHER

Scale 1 Gross Wt. 92180 LB
Scale 2 Tare Wt. 40900 LB
Net Weight 51280 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
25.64	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 107

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435310		Dana ✓

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	11:32	11:43		

REFERENCE	ORIGIN
22	OTHER

Scale 1 Gross Wt. 97540 LB
Scale 2 Tare Wt. 40180 LB
Net Weight 57360 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.68	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050
NOTES HARLOW 22

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435258		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	09:26	09:40		

REFERENCE	ORIGIN
22	OTHER

Scale 1 Gross Wt. 105920 LB
Scale 2 Tare Wt. 40260 LB
Net Weight 65660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.83	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARL;OW 22

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
llup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435266		Dana ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	09:45	10:06		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 91600 LB
Scale 2 Tare Wt. 41940 LB
Net Weight 49660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.83	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435320		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	12:05	12:33		

REFERENCE	ORIGIN
21	OTHER

Scale 1 Gross Wt. 102220 LB
Scale 2 Tare Wt. 41800 LB
Net Weight 60420 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.21	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
n Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 21

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435270		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	10:00	10:13		

REFERENCE	ORIGIN
24	OTHER

Scale 1 Gross Wt. 99900 LB
Scale 2 Tare Wt. 41580 LB
Net Weight 58320 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.16	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 24

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435327		Dana

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/21/16	10/21/16	12:28	12:36		

REFERENCE	ORIGIN
	OTHER

Scale 1 Gross Wt. 97500 LB
Scale 2 Tare Wt. 41520 LB
Net Weight 55980 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
27.99	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050
NOTES HARLOW 20

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17025 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435526		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	09:19	09:31		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 105380 LB
Scale 2 Tare Wt. 43820 LB
Net Weight 61560 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.78	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT

TENDERED

CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435523		Jo I

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	09:06	09:34		

REFERENCE	ORIGIN
H28	OTHER

Scale 1 Gross Wt. 85420 LB
Scale 2 Tare Wt. 41840 LB
Net Weight 43580 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.79	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 28

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435584		Jo I

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	11:39	12:03		

REFERENCE	ORIGIN
H28	OTHER

Scale 1 Gross Wt. 95440 LB
Scale 2 Tare Wt. 41740 LB
Net Weight 53700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.85	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 28

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435624		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	13:40	13:52		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 108800 LB
Scale 2 Tare Wt. 43600 LB
Net Weight 65200 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.60	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLW 16

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435576		Jo I ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	11:21	11:34		

REFERENCE	ORIGIN
H16	OTHER

Scale 1 Gross Wt. 111660 LB
Scale 2 Tare Wt. 43760 LB
Net Weight 67900 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.95	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 16

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435529		Jo I ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	09:27	09:35		

REFERENCE	ORIGIN
H14	OTHER

Scale 1 Gross Wt. 93820 LB
Scale 2 Tare Wt. 43020 LB
Net Weight 50800 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
25.40	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 14

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435589		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	11:48	11:58		

REFERENCE	ORIGIN
H14	OTHER

Scale 1 Gross Wt. 88220 LB
Scale 2 Tare Wt. 42740 LB
Net Weight 45480 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.74	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 14

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0492

SIGNATURE

PCRCD, LLC dba LRI-304th
17925 Meridian St E
allup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435517		Jo I ✓

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	08:48	09:06		

REFERENCE	ORIGIN
H22	OTHER

Scale 1 Gross Wt. 98440 LB
Scale 2 Tare Wt. 40380 LB
Net Weight 58060 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.03	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 22

TO REORDER CONTACT NORTH STAR FORMS (877) 499-0402

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

001079 LANGSETH ENVIRO SVCS, INC.
7517 PORTLAND AVENUE E
TACOMA WA 98404

SITE	TICKET	GRID	WEIGHMASTER
03	00435636		Jo I

DATE IN	DATE OUT		TIME OUT	VEHICLE	ROLL OFF
10/24/16	10/24/16	13:55	14:17		

REFERENCE	ORIGIN
H28	OTHER

Scale 1 Gross Wt. 81960 LB
Scale 2 Tare Wt. 41620 LB
Net Weight 40340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.17	TON	SPECIAL WASTE-IN CO				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHECK NO.

PO # WDA 2050A
NOTES HARLOW 28

Project Contract Documents

ENVIRONMENTAL CONTRACTOR'S CERTIFICATION

Fife RV Center
3910 Pacific Highway East
Fife, Washington 98424

1. Contractor's Name: Aerotech Environmental Consulting, Inc.

2. Contractor's Address: 13925 Interurban Avenue South, Ste. 210, Seattle, Washington 98168

3. Name and title of person completing this certification: Alan T. Blotch / President

4. Answer the following questions about each employee that contractor will have perform the assessment or prepare the report showing the results of the inspection:

   a. Name and Title of Employee: Alan T. Blotch – Environmental Professional

   b. Length of experience doing environmental assessments: 31 years

   c. Education degrees received: Masters of Business Administration
   Juris Doctor – Environmental Law

   d. Relevant training received: ASTM E50 Environmental Assessment Committee Meetings

5. Identify any certifications and approvals issued to contractor pursuant to an official Federal, State of local program or policy to conduct environmental assessments: Registered Environmental Assessor
   Issued by State of California

6. Describe the generally recognized standards which the contractor will use to perform the assessment.
   Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process (ASTM E 1903)

7. Disclose the nature of any previous environmental inspections contractor has ever performed for the Owner of the property: Phase I Environmental Site Assessment

8. Disclose the nature of any affiliation or association contractor now has, or ever had, with the above referenced seller of the property, of the above referenced buyer of the property: N/A

9. Describe the liability insurance carried by contractor to cover claims in the event that ir fails to discover adverse environmental conditions during an environmental inspection.
   Professional Errors & Omissions Coverage $1,000,000 / claim and $1,000,000 aggregate liability

THE UNDERSIGNED HEREBY CERTIFIES, UNDER PENALTY OF THE CRIMINAL AND/OR CIVIL PENALTIES IN 18 U.S.C. § 1001 FOR FALSE STATEMENTS TO THE UNITED STATES GOVERNMENT, THAT THE ABOVE INFORMATION IS TRUE AND CORRECT.

Signature

11-1-16
Date

Laboratory Analytical Results

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61004-1)* Project.

Samples were received on *October 04, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

This report is issued solely for the use of the person or company to whom it is addressed.
Any use, copying or disclosure other than by the intended recipient is unauthorized.

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61004-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/04/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61004-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/04/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	P5(5')	P9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
MTBE	100	nd		nd	nd			
Dichlorodifluoromethane	50	nd		nd	nd			
Chloromethane	50	nd		nd	nd			
Vinyl chloride	50	nd		nd	nd			
Bromomethane	50	nd		nd	nd			
Chloroethane	50	nd		nd	nd			
Trichlorofluoromethane	50	nd		nd	nd			
1,1-Dichloroethene	50	nd		nd	nd			
Methylene chloride	20	nd		nd	nd			
1,1-Dichloroethane	50	nd		nd	nd			
cis-1,2-Dichloroethene	50	nd		nd	nd			
Chloroform	50	nd		nd	nd			
1,1,1-Trichloroethane	50	nd		nd	nd			
Carbontetrachloride	50	nd		nd	nd			
1,1-Dichloropropene	50	nd		nd	nd			
1,2-Dichloroethane(EDC)	20	nd		nd	nd			
Trichloroethene	20	nd	75%	nd	nd	76%	80%	5%
1,2-Dichloropropane	50	nd		nd	nd			
Dibromomethane	50	nd		nd	nd			
Bromodichloromethane	50	nd		nd	nd			
cis-1,3-Dichloropropene	50	nd		nd	nd			
trans-1,3-Dichloropropene	50	nd		nd	nd			
1,1,2-Trichloroethane	50	nd		nd	nd			
Tetrachloroethene	50	nd		nd	nd			
1,3-Dichloropropane	50	nd		nd	nd			
Dibromochloromethane	20	nd		nd	nd			
1,2-Dibromoethane (EDB)*	5	nd		nd	nd			
Chlorobenzene	50	nd	96%	nd	nd	83%	84%	1%
1,1,1,2-Tetrachloroethane	50	nd		nd	nd			
1,2,3-Trichloropropane	50	nd		nd	nd			
1,1,2,2-Tetrachloroethane	50	nd		nd	nd			
2-Chlorotoluene	50	nd		nd	nd			
4-Chlorotoluene	50	nd		nd	nd			
1,3-Dichlorobenzene	50	nd		nd	nd			
1,4-Dichlorobenzene	50	nd		nd	nd			
1,2-Dichlorobenzene	50	nd		nd	nd			
1,2-Dibromo-3-Chloropropane	50	nd		nd	nd			
1,2,4-Trichlorobenzene	50	nd		nd	nd			
1,2,3-Trichlorobenzene	50	nd		nd	nd			

*-instrument detection limits

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61004-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/04/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	P5(5')	P9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16

Surrogate recoveries						
Dibromofluoromethane	97%	95%	98%	91%	109%	117%
1,2-Dichloroethane-d4	99%	89%	105%	104%	106%	129%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
M-matrix interference
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P1(10')	Dupl P1(10')	RPD P1(10')	P2(5')	P3(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd		nd	nd
Gasoline	5.0	nd		9.0	11	18%	nd	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	90%	96	78	21%	nd	nd
Toluene	50	nd	101%	nd	nd		nd	nd
Ethylbenzene	50	nd		nd	nd		nd	nd
Xylenes	50	nd		nd	nd		nd	nd
Surrogate recoveries:								
Trifluorotoluene		94%	129%	89%	84%		84%	83%
Bromofluorobenzene		76%	83%	79%	87%		81%	80%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Gx / BTEX		P4(5')	P5(5')	P5(10')	P6(10')	P7(3')	P9(5')	P9(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	8.5	53	nd	nd	nd	110	23
BTEX 8021B, µg/kg								
Benzene	20	nd	160	nd	nd	nd	150	nd
Toluene	50	nd	71	nd	nd	nd	nd	nd
Ethylbenzene	50	100	840	nd	nd	nd	5,100	340
Xylenes	50	nd	150	nd	nd	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		83%	94%	80%	88%	87%	103%	83%
Bromofluorobenzene		80%	83%	79%	83%	84%	82%	84%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Gx / BTEX		P10(10')	P11(10')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
NWTPH-Gx, mg/kg						
Mineral spirits/Stoddard	5.0	nd	nd			
Gasoline	5.0	nd	nd			
BTEX 8021B, µg/kg						
Benzene	20	nd	nd	84%	87%	4%
Toluene	50	nd	nd	91%	97%	6%
Ethylbenzene	50	nd	nd			
Xylenes	50	nd	nd			
Surrogate recoveries:						
Trifluorotoluene		81%	73%	128%	118%	
Bromofluorobenzene		83%	83%	84%	77%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	P1(10')	P2(5')	P3(10')	P4(5')	P5(5')	P5(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	119%	121%	120%	119%	121%	122%	120%
o-Terphenyl	113%	98%	97%	100%	95%	101%	100%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

NWTPH-Dx, mg/kg		P6(10')	P7(3')	P9(5')	P9(10')	P10(10')	P11(10')	Dupl P11(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd	nd	nd
Surrogate recoveries:								
Fluorobiphenyl		123%	119%	124%	110%	127%	125%	120%
o-Terphenyl		101%	98%	98%	101%	103%	97%	95%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61004-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/04/16

Analytical Results

Metals (7010), mg/kg		MTH BLK	LCS	P5(5')	P9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16	10/04/16
Lead (Pb)	1.0	nd	106%	7.8	5.2	113%	107%	5%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M- matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61005-1)* Project.

Samples were received on *October 05, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61005-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/05/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P8(10')	P12(5')	P12(10')	P13(5')	P13(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	100	nd	6.7	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	83%	nd	420	nd	nd	nd
Toluene	50	nd	90%	nd	180	nd	nd	nd
Ethylbenzene	50	nd		nd	1,700	nd	nd	nd
Xylenes	50	nd		nd	540	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		84%	111%	85%	117%	80%	88%	88%
Bromofluorobenzene		81%	79%	81%	94%	78%	86%	88%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results

NWTPH-Gx / BTEX		P14(5')	P14(10')	Dupl P14(10')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd			
Gasoline	5.0	60	nd	nd			
BTEX 8021B, µg/kg							
Benzene	20	150	nd	nd	85%	87%	3%
Toluene	50	170	nd	nd	92%	92%	1%
Ethylbenzene	50	96	nd	nd			
Xylenes	50	160	nd	nd			
Surrogate recoveries:							
Trifluorotoluene		99%	75%	75%	125%	125%	
Bromofluorobenzene		82%	73%	73%	85%	82%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	P8(10')	P12(5')	P12(10')	P13(5')	P13(10')	P14(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	119%	125%	121%	123%	126%	124%	129%
o-Terphenyl	113%	109%	100%	105%	106%	103%	107%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61005-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/05/16

Analytical Results			Dupl
NWTPH-Dx, mg/kg		P14(10')	P14(10')
Matrix	Soil	Soil	Soil
Date extracted	Reporting	10/05/16	10/05/16
Date analyzed	Limits	10/05/16	10/05/16
Kerosene/Jet fuel	20	nd	nd
Diesel/Fuel oil	20	nd	nd
Heavy oil	50	nd	nd

Surrogate recoveries:		
Fluorobiphenyl	124%	120%
o-Terphenyl	106%	98%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61006-3)* Project.

Samples were received on *October 06, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61006-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/06/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	TP3(3')	TP3(5')	TP9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
MTBE	100	nd		nd	nd	nd			
Dichlorodifluoromethane	50	nd		nd	nd	nd			
Chloromethane	50	nd		nd	nd	nd			
Vinyl chloride	50	nd		nd	nd	nd			
Bromomethane	50	nd		nd	nd	nd			
Chloroethane	50	nd		nd	nd	nd			
Trichlorofluoromethane	50	nd		nd	nd	nd			
1,1-Dichloroethene	50	nd		nd	nd	nd			
trans-1,2-Dichloroethene	50	nd		nd	nd	nd			
2,2-Dichloropropane	50	nd		nd	nd	nd			
cis-1,2-Dichloroethene	50	nd		nd	nd	nd			
Chloroform	50	nd		nd	nd	nd			
1,1,1-Trichloroethane	50	nd		nd	nd	nd			
Carbontetrachloride	50	nd		nd	nd	nd			
1,1-Dichloropropene	50	nd		nd	nd	nd			
1,2-Dichloroethane(EDC)	20	nd		nd	nd	nd			
Trichloroethene	20	nd	73%	nd	nd	nd	100%	78%	26%
1,2-Dichloropropane	50	nd		nd	nd	nd			
Dibromomethane	50	nd		nd	nd	nd			
Bromodichloromethane	50	nd		nd	nd	nd			
cis-1,3-Dichloropropene	50	nd		nd	nd	nd			
trans-1,3-Dichloropropene	50	nd		nd	nd	nd			
1,1,2-Trichloroethane	50	nd		nd	nd	nd			
Tetrachloroethene	50	nd		nd	nd	nd			
1,3-Dichloropropane	50	nd		nd	nd	nd			
Dibromochloromethane	20	nd		nd	nd	nd			
1,2-Dibromoethane (EDB)*	5	nd		nd	nd	nd			
Chlorobenzene	50	nd	96%	nd	nd	nd	117%	95%	21%
1,1,1,2-Tetrachloroethane	50	nd		nd	nd	nd			
1,2,3-Trichloropropane	50	nd		nd	nd	nd			
1,1,2,2-Tetrachloroethane	50	nd		nd	nd	nd			
2-Chlorotoluene	50	nd		nd	nd	nd			
4-Chlorotoluene	50	nd		nd	nd	nd			
1,3-Dichlorobenzene	50	nd		nd	nd	nd			
1,4-Dichlorobenzene	50	nd		nd	nd	nd			
1,2-Dichlorobenzene	50	nd		nd	nd	nd			
1,2-Dibromo-3-Chloropropane	50	nd		nd	nd	nd			
1,2,4-Trichlorobenzene	50	nd		nd	nd	nd			
1,2,3-Trichlorobenzene	50	nd		nd	nd	nd			

*-instrument detection limits

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61006-3
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/06/16

Analytical Results

8260B, µg/kg		MTH BLK	LCS	TP3(3')	TP3(5')	TP9(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16

Surrogate recoveries							
Dibromofluoromethane	99%	103%	106%	110%	100%	108%	104%
1,2-Dichloroethane-d4	98%	96%	116%	117%	129%	117%	95%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
M-matrix interference
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	TP1(5')	TP2(5')	TP2(10')	TP3(3')	TP3(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	nd	nd	2,500	650
BTEX 8021B, µg/kg								
Benzene	20	nd	101%	nd	nd	nd	340	530
Toluene	50	nd	112%	nd	nd	nd	350	5,300
Ethylbenzene	50	nd		nd	nd	nd	15,000	7,500
Xylenes	50	nd		nd	nd	nd	10,000	7,300
Surrogate recoveries:								
Trifluorotoluene		101%	130%	79%	83%	80%	81%	123%
Bromofluorobenzene		86%	82%	85%	87%	91%	97%	89%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		TP3(10')	TP4(3')	TP4(5')	TP4(10')	TP5(5')	TP5(10')	TP6(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	27	nd	nd	nd	nd	nd	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	180	nd	nd	nd	nd	nd	nd
Xylenes	50	250	nd	nd	nd	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		77%	91%	84%	88%	86%	87%	80%
Bromofluorobenzene		81%	89%	84%	84%	93%	88%	87%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		TP6(10')	TP7(5')	TP8(3')	TP8(5')	TP9(5')	TP9(10')	P15(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	12	690	60	nd	6,090	240	nd
BTEX 8021B, µg/kg								
Benzene	20	71	900	nd	nd	4,000	590	nd
Toluene	50	nd	1,900	nd	nd	4,000	1,500	nd
Ethylbenzene	50	nd	32,000	1,200	nd	66,000	1,600	nd
Xylenes	50	nd	330	nd	nd	130,000	3,700	nd
Surrogate recoveries:								
Trifluorotoluene		80%	120%	86%	74%	M	108%	74%
Bromofluorobenzene		82%	102%	87%	81%	83%	86%	82%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		P16(5')	P16(10')	P17(5')	Dupl P17(5')	P17(10')	P18(5')	P18(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	1,100	nd	nd	nd	nd	130	nd
BTEX 8021B, µg/kg								
Benzene	20	720	nd	nd	nd	nd	290	nd
Toluene	50	72	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	7,500	nd	nd	nd	nd	1,500	nd
Xylenes	50	32,000	nd	nd	nd	nd	2,400	nd
Surrogate recoveries:								
Trifluorotoluene		130%	81%	88%	90%	90%	86%	90%
Bromofluorobenzene		84%	88%	94%	84%	94%	83%	98%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Gx / BTEX		Dupl P18(10')	P19(5')	P19(10')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
Date analyzed	Limits	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16	10/06/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd			
Gasoline	5.0	nd	nd	nd			
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	99%	85%	15%
Toluene	50	nd	nd	nd	105%	103%	3%
Ethylbenzene	50	nd	nd	nd			
Xylenes	50	nd	nd	nd			
Surrogate recoveries:							
Trifluorotoluene		87%	83%	81%	127%	110%	
Bromofluorobenzene		87%	88%	89%	83%	86%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	TP7(5')	TP9(5')	P16(5')	Dupl P16(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd	nd

Surrogate recoveries:

Fluorobiphenyl	128%	127%	130%	128%	129%
o-Terphenyl	128%	106%	109%	108%	109%

Data Qualifiers and Analytical Comments
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61006-3
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/06/16

Analytical Results

Metals (7010), mg/kg		MTH BLK	LCS	P16(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Lead (Pb)	1.0	nd	113%	7.0	114%	127%	11%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M- matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 10, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61007-1)* Project.

Samples were received on *October 07, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61007-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/07/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61007-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/07/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	TP11(5')	TP12(5')	TP13(5')	TP14(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd
Gasoline	5.0	nd		nd	18	nd	nd
BTEX 8021B, µg/kg							
Benzene	20	nd	94%	nd	nd	nd	nd
Toluene	50	nd	110%	nd	nd	nd	nd
Ethylbenzene	50	nd		nd	nd	nd	nd
Xylenes	50	nd		nd	82	nd	nd
Surrogate recoveries:							
Trifluorotoluene		98%	129%	83%	79%	85%	104%
Bromofluorobenzene		85%	96%	93%	95%	92%	109%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61007-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/07/16

Analytical Results

NWTPH-Gx / BTEX		TP14(10')	TP15(5')	TP15(10')	TP16(3')	TP16(5')	TP17(3')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd
Gasoline	5.0	nd	nd	nd	nd	nd	nd
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	nd	nd	nd
Toluene	50	nd	nd	nd	nd	nd	nd
Ethylbenzene	50	nd	nd	nd	nd	nd	nd
Xylenes	50	nd	nd	nd	nd	nd	nd
Surrogate recoveries:							
Trifluorotoluene		103%	98%	90%	105%	97%	91%
Bromofluorobenzene		101%	97%	97%	108%	95%	89%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61007-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/07/16

Analytical Results

NWTPH-Gx / BTEX		TP17(5')	TP18(3')	TP19(3')	TP19(5')	Dupl TP19(5')	MS
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16	10/07/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	
Gasoline	5.0	nd	nd	nd	nd	nd	
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	nd	nd	94%
Toluene	50	nd	nd	nd	nd	nd	103%
Ethylbenzene	50	nd	nd	nd	nd	nd	
Xylenes	50	nd	nd	nd	nd	nd	
Surrogate recoveries:							
Trifluorotoluene		95%	104%	103%	106%	108%	124%
Bromofluorobenzene		106%	104%	102%	102%	88%	85%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61007-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/07/16

Analytical Results

NWTPH-Gx / BTEX		MSD	RPD
Matrix	Soil	Soil	Soil
Date extracted	Reporting	10/07/16	10/07/16
Date analyzed	Limits	10/07/16	10/07/16
NWTPH-Gx, mg/kg			
Mineral spirits/Stoddard	5.0		
Gasoline	5.0		
BTEX 8021B, µg/kg			
Benzene	20	95%	2%
Toluene	50	104%	0%
Ethylbenzene	50		
Xylenes	50		

Surrogate recoveries:	
Trifluorotoluene	125%
Bromofluorobenzene	83%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 25, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61020-1)* Project.

Samples were received on *October 20, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Any use, copying or disclosure other than by the intended recipient is unauthorized.

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61020-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/20,21/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P20(5')	P20(10')	P21(5')	P21(10')	P22(5')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		57	20	1,200	66	1,100
BTEX 8021B, µg/kg								
Benzene	20	nd	105%	65	240	650	110	830
Toluene	50	nd	101%	101	nd	590	140	1,900
Ethylbenzene	50	nd		150	90	8,100	340	20,000
Xylenes	50	nd		160	84	24,000	740	7,900
Surrogate recoveries:								
Trifluorotoluene		84%	97%	82%	71%	71%	72%	M
Bromofluorobenzene		90%	80%	92%	92%	92%	94%	130%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		P22(10')	P22(12')	P23(5')	P23(10')	P24(5')	P24(10')	Dupl P24(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd	nd	nd	nd	nd	nd	nd
Gasoline	5.0	34	nd	760	16	nd	50	58
BTEX 8021B, µg/kg								
Benzene	20	29	nd	460	nd	nd	260	340
Toluene	50	nd	nd	740	nd	nd	nd	nd
Ethylbenzene	50	430	nd	4,800	220	nd	1,500	1,700
Xylenes	50	190	nd	2,400	100	nd	860	1,000
Surrogate recoveries:								
Trifluorotoluene		87%	83%	M	93%	85%	91%	84%
Bromofluorobenzene		110%	104%	112%	107%	101%	103%	93%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		P24(10')	MS	MSD	RPD	P25(5')	P25(10')	P26(10')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0					nd	nd	nd
Gasoline	5.0	15%				5,200	350	12
BTEX 8021B, µg/kg								
Benzene	20	27%	110%	111%	0%	4,600	160	nd
Toluene	50		118%	119%	1%	25,000	3,400	nd
Ethylbenzene	50	13%				35,000	1,600	nd
Xylenes	50	15%				230,000	16,000	410
Surrogate recoveries:								
Trifluorotoluene			110%	113%		M	98%	91%
Bromofluorobenzene			104%	104%		M	108%	102%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

NWTPH-Gx / BTEX		P27(5')	P28(5')	P28(10')
Matrix	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/21/16	10/21/16	10/21/16
Date analyzed	Limits	10/21/16	10/21/16	10/21/16
NWTPH-Gx, mg/kg				
Mineral spirits/Stoddard	5.0	nd	nd	nd
Gasoline	5.0	58	nd	nd
BTEX 8021B, µg/kg				
Benzene	20	nd	nd	nd
Toluene	50	nd	nd	nd
Ethylbenzene	50	95	nd	nd
Xylenes	50	390	nd	nd
Surrogate recoveries:				
Trifluorotoluene		88%	84%	83%
Bromofluorobenzene		106%	101%	98%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61020-1
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/20,21/16

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	P25(5')	Dupl P25(5')
Matrix	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/22/16	10/22/16	10/22/16
Date analyzed	Limits	10/22/16	10/22/16	10/22/16
Kerosene/Jet fuel	20	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd
Heavy oil	50	nd	nd	nd
Surrogate recoveries:				
Fluorobiphenyl		89%	93%	94%
o-Terphenyl		103%	107%	105%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Results reported on dry-weight basis
M - matrix interference
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61020-1
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/20,21/16

Analytical Results

Metals (7010), mg/kg		MTH BLK	LCS	P25(5')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/24/16	10/24/16	10/24/16	10/04/16	10/04/16	10/04/16
Date analyzed	Limits	10/24/16	10/24/16	10/24/16	10/04/16	10/04/16	10/04/16
Lead (Pb)	1.0	nd	93%	8.6	M	M	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 30%

ADVANCED ANALYTICAL

Environmental Testing Laboratory

October 25, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61024-2)* Project.

Samples were received on *October 24, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

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Any use, copying or disclosure other than by the intended recipient is unauthorized.

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61024-2
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	10/24/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61024-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/24/16

Analytical Results

NWTPH-Gx / BTEX		MTH BLK	LCS	P29(3')	P30(5')	P30(10')	P31(10')	P32(3')
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
Date analyzed	Limits	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd	nd
Gasoline	5.0	nd		nd	200	nd	nd	nd
BTEX 8021B, µg/kg								
Benzene	20	nd	80%	nd	86	nd	nd	nd
Toluene	50	nd	92%	nd	190	nd	nd	nd
Ethylbenzene	50	nd		nd	280	nd	nd	nd
Xylenes	50	nd		nd	400	nd	nd	nd
Surrogate recoveries:								
Trifluorotoluene		78%	82%	76%	79%	76%	70%	78%
Bromofluorobenzene		118%	118%	124%	120%	116%	115%	108%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61024-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 10/24/16

Analytical Results

NWTPH-Gx / BTEX		P33(3')	P34(3')	Dupl P34(3')	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
Date analyzed	Limits	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16	10/24/16
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd	nd	nd			
Gasoline	5.0	nd	nd	nd			
BTEX 8021B, µg/kg							
Benzene	20	nd	nd	nd	92%	90%	2%
Toluene	50	nd	nd	nd	99%	100%	1%
Ethylbenzene	50	nd	nd	nd			
Xylenes	50	nd	nd	nd			
Surrogate recoveries:							
Trifluorotoluene		78%	73%	71%	77%	70%	
Bromofluorobenzene		99%	107%	113%	108%	110%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
M - matrix interference
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

- Laboratory Chain of Custody

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: C61004-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: [illegible]

Project Manager: Nick Gorkin

Address: 13125 Interurban Ave S Tukwila

Phone: 206 482 2257 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gorkin

Date of collection: 10-3-16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P1(10')	[illegible]	SOIL	2x4oz				X		X											[illegible] Quick	1
2	P2(5')	955						X		X												
3	P3(10')	1300						X		X												
4	P4(5')	1310						X		X												
5	P5(5')	1330			X			X		X						X					✓	
6	P6(10')	0855						X		X											[illegible]	
7	P7(3')	0900						X		X												
8	~~[illegible]~~ P8(10')	1150						X		X												
9	P9(5')	1300			X			X		X						X						
10	P10(10')	1310						X		X												
11	P10(10')	1315						X		X											Added	
12	P11(10')	1325	✓	✓				X		X											✓ by N Gorkin 10/05/16	✓

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/4/16 17:50	[signature]	10/4/16 17:30pm
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/4/16 4:25	[signature]	10/4/16 4:25

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Rush

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: CE10105-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: [illegible]

Project Name: [illegible] RV

Project Manager: Nick Gerkin

Project Number: —

Address: 15425 Interurban Ave S, Tukwila

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/4 + 10/5

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P8 (10')	1140	SOIL	[illegible]				X		X											10/4	3
2	P12 (5)	1400	↓	↓				X		X											10/5	↓
3	P12 (10)	1405						X		X											↓	
4	P13 (5)	1410						X		X												
5	P13 (10)	1415						X		X												
6	P14 (5)	1420						X		X												
7	P14 (10)	1425	↓	✓				X		X											↓	↓
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/5/16 14:30	[signature]	10/5/16 [illegible]
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/5/16 4:00	V. [illegible]	10/05/16 16:05

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C dy Record

Laboratory Job #: B6 10 06 - 3

(1)

Page of 3

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gerik

Address: 925 Interurban Ave S

Phone: 206 482 2287 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gerik

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx 2 ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P15 (10')	0925	SOIL	2 VOA 3 JAR				X													Run after TP	3
2	P16 (5')	0930						X		X							X					
3	P16 (10)	0935						X														
4	P17 (5')	0940						X														
5	P17 (10')	0945						X														
6	P18 (5')	0950						X														
7	P18 (10)	0955						X														
8	P19 (5')	1000						X														
9	P19 (10)	1005						X														
10	TP1 (5')	1050		2 VOA				X													Run 1st	2
11	TP2 (5')	1105						X														
12	TP2 (10')	1110						X														

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/6/16 1300	[signature]	10/6/16 1305
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[signature]	10/6/16 2:08	[signature]	10/06/16 2:08

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #: BC1016-3

(2)

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gerkin

Address: 13425 Interurban Ave S

Phone: 206 452 2287 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gerkin

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	TP3(3')	1115	Soil	2VOA	X			X									X				no lead	2
2	TP3(5')	1120			X			X									X				no lead	1
3	TP3(10')	1125						X														
4	TP4(3')	1155						X														
5	TP4(5')	1200						X														
6	TP4(10')	1205						X														
7	TP5(5')	1215						X														
8	~~TP6~~ TP5(10')	1220						X														
9	TP6(5')	1315						X														
10	TP6(10')	1320						X														
11	TP7(5')	1230		2VOA 1Jar				X	X													3
12	TP8(3')	1140		2VOA				X														2

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[signature]	10/6/16 1300	[signature]	10/6/16 1300
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/6/16 2:08	[signature]	10/6/16 2:08 pm

Sample receipt Info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C[illegible]dy Record

(3)

Page [illegible] of 5

Laboratory Job #: B6 1006-3

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Name: Fire RV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	TP5(5')	1145	SOIL	2VOA				X														2
2	TP5(10')	1150	↓	↓				X													Run TP5(5) + TP7(10) CR over	2
3	TP7(5')	1255	↓	2VOA 1500	X			X		X												3
4	TP7(10')	1300	✓	2VOA				X														2
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/6/16 1300	[signature]	10/6/16 1300
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/9/16 2:08	V. Turner	10/6/16 2:08 pm

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Laboratory Job #: 6K1C7-1

Page 1 of

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Terratech

Project Name: FKRV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S, Tukwila

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/6/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	~~TP10~~ TP10(5')	1520	Soil	2WA				X	-	-	cancelled										HOLD	2
2	TP11(5')	1525	↓	↓				X													↓	↓
3	TP12(5')	1535						X														
4	TP13(5')	1545						X														
5	TP14(5')	1555						X														
6	TP14(10')	1605	↓	↓				X													↓	↓
7																						
8																						
9																						
10																						
11																						
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/7/16 [illegible]	[signature]	10/7/16 8:50 am
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/7/16 10:00	[signature]	10/07/16 10:00

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C dy Record

(2)

Page of 1

Laboratory Job #: E6/017-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gorkin

Address: 13925 Interurban Ave S

Phone: 206 482 2287 Fax:

Project Name: Fife RV

Project Number: —

Collector: Nick Gorkin

Date of collection: 10/7/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead					Notes, comments	# of containers
1	TP15(5')	1125	Soil	1 Jar				X															1
2	TP15(10')	1130						X															
3	TP16(3')	1155						X															
4	TP16(5')	1200						X															
5	TP17(3')	1210						X															
6	TP17(5')	1215						X															
7	TP18(3')	1220						X															
8	TP19(3')	1225						X															
9	TP19(5')	1230						X															
10																							
11																							
12																							

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[signature]	10/7/16 1300	[signature]	10/7/16 1300
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/7/16 1300	[signature]	10/08/16 11:00

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Page 1 of

Laboratory Job #: C 6102C-1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Terotech

Project Manager: Nick Gerkin

Address: 13925 Interurban Ave S

Phone: 206 482 2287 Fax:

Project Name: FG RV

Project Number: —

Collector: Nick Gerkin

Date of collection: 10/20/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P21 (5')	1040	SOIL	1VOA 1SAG				X														1
2	P21 (10')	1045	↓	↓				X														↓
3	P22 (5')	1100	↓	↓				X														↓
4	P22 (10')	1140	↓	↓				X														↓
5	P22 (12')	1150	↓	↓				X														↓
6	P23 (5')	1200	↓	↓				X														↓
7	P23 (10')	1205	↓	↓				X														↓
8	P24 (5')	1210	↓	↓				X														↓
9	P24 (10')	1300	↓	↓				X														↓
10	P20 (5')	1320	↓	↓				X														↓
11	P20 (10')	1330	↓	↓				X														↓
12																						

Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/20/16 1500	[signature]	10/20/16 1500
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/20/16 4:20pm	[signature]	10/20/16 4:30pm

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of C dy Record

Page of

Laboratory Job #: C6 12 20 1

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Name: Fife RV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S, Tukwila, WA

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 10/21/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead				Notes, comments	# of containers
1	P25(5)	0930	Soil	1V-A jar				X		X							X					2
2	P25(10)	0940	↓	↓				X														↓
3	P26(10)	1135						X														
4	P27(5)	1145						X														
5	P28(5)	1150						X													RUSH	
6	P28(10)	1200						X													RUSH	
7	~~TP2A(3)~~	~~1340~~	↓	↓				~~X~~													~~RUSH~~	↓
8																						
9																						
10																						
11																						
12																						

NAG

Soil from which sample taken was subsurface drilling

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[signature]	10/21/16 1450	[signature]	10/21/16 14:50
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[signature]	10/21/16 14:50	[signature] 10/21/16	16:36

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: B C61024-2

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Manager: Nick Gerkin

Address: 13925 Interurban Ave S, Tukwila, WA

Phone: 206 482 2287 Fax:

Project Name: F.G RV

Project Number: —

Collector: Nick Gerkin

Date of collection: 10/24/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead					Notes, comments	# of containers
1	P29 (3)	0845	Soil	1VOA 1SVOC				X															2
2	P30 (5)	1100	↓	↓				X															↓
3	P30 (10)	1110	↓	↓				X															↓
4	P31 (10)	1120	↓	↓				X															↓
5	P32 (3)	1310	↓	↓				X															↓
6	P33 (3)	1320	↓	↓				X															↓
7	P34 (3)	1330	↓	↓				X															↓
8																							
9																							
10																							
11																							
12																							

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[signature]	10/24/16 1400	[signature]	10/24/16 2:00pm
Relinquished by:	Date/Time	Received by:	Date/Time
[signature]	10/24/16 3:50pm	[signature]	10/24/16 3:52pm

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard O

Supplemental Documents

Associated Earth Sciences, Inc.

Serving the Pacific Northwest Since 1981

January 24, 2014
Project No. TV130509B

Mr. Noel Coon
Hana Hou.Wailea, LLC
c/o Mr. Kelly Wood
Phillips Burgess PLLC
505 Broadway Street, Suite 408
Tacoma, Washington 98402

Subject: Supplemental Phase II Environmental Site Assessment
Freddie's Casino Property
3410 Pacific Highway East
Fife, Washington

Dear Mr. Coon:

Associated Earth Sciences, Inc. (AESI) is pleased to provide this letter-report presenting the results of our assessment of subsurface conditions at the above-referenced site. The subject property consists of a vacated casino building, associated outbuilding, and associated asphalt and gravel parking located on approximately 3.76 acres of land. The location of the property is shown on Figure 1, "Vicinity Map."

BACKGROUND

AESI issued a Phase I Environmental Site Assessment (ESA) for the subject property on October 29, 2013, for another party. The site layout is shown on the attached Figure 2. Based on our Phase I ESA findings, the identified recognized environmental conditions (RECs) included:

- A release of petroleum hydrocarbons was previously identified on the northwestern portion of the subject property. Additional investigation was recommended to determine the nature and extent of the release as well as whether it originates from an on-site or off-site source.

- The northwest corner of the subject property was occupied by a Gasamat gas station from approximately the late 1960s to the late 1980s (Figure 2). The full history and configuration of the former station, as well as the specifications and status of the former underground storage tank (UST) fuel system, are unknown. Additional investigation was recommended to determine if the Gasamat is the source of the above-mentioned petroleum

release or if other adverse subsurface conditions (e.g. abandoned USTs) are present beneath the subject property.

- A petroleum release was historically identified at the northwest adjoining Chevron station property. Based on the available regulatory records and the identified petroleum release on the subject property, additional investigation was recommended to determine if this off-site activity has adversely affected or contributed to adverse subsurface conditions beneath the subject property.

- The subject property is part of a cleanup "site" (CSCSL) defined by the Washington State Department of Ecology (Ecology) due to the above-mentioned petroleum release and elevated arsenic concentrations in ground water. Based on our recent correspondence with Ecology, the site would likely be delisted from the CSCSL if the petroleum release is remediated, regardless of the arsenic condition in ground water (which appears to be area-wide).

AESI's complete Phase I ESA findings and conclusions are provided under separate cover.

SOIL AND GROUND WATER SAMPLING

For this subsurface investigation, AESI oversaw a geophysical survey and completed exploration advancement on December 18 and 19, 2013, respectively. The purpose of the geophysical survey was to attempt to identify abandoned USTs or backfilled UST cavities at the subject property. The purpose of the explorations was to attempt to better define the nature and extent of the identified petroleum release at the site and to determine if any of the above-referenced RECs have led to other adverse environmental impacts to subsurface soil and/or ground water at the subject property. Figure 2 is a "Site and Exploration Plan" that indicates the approximate locations of the test probes. Analytical laboratory results and sample chain-of-custody forms are included as Appendix A and exploration logs are included as Appendix B.

Geophysical Survey

AESI oversaw a geophysical survey performed at the site by CNI Locates, Ltd. The accessible exterior areas of the northwestern, unpaved gravel area (i.e. the vicinity of the former Gasamat station and the previous detection of petroleum hydrocarbons) were examined with an electro magnetometer (EM) for metallic anomalies. Suspect anomalies and the estimated historical locations of the former Gasamat station and USTs (based on limited information obtained during our Phase I ESA) were subsequently traversed with ground-penetrating radar (GPR). Based on the findings of the geophysical survey, no abandoned USTs or definitive evidence of former, backfilled UST cavities were identified.

It should be noted that several factors can interfere with the effectiveness of the geophysical survey equipment, potentially resulting in subsurface features and/or objects (including USTs and associated backfilled cavities) not being identified. Regardless of these inherent limitations, geophysical survey techniques such as EM and GPR are generally considered the best available technology for identifying the presence and location of these potential subsurface features.

Exploration Borings

AESI completed ten Geoprobe explorations (EB-1 through EB-10) throughout the suspect areas of the subject property using a truck-mounted Geoprobe 7800 rig. The explorations were drilled to a maximum depth of 15 feet below ground surface (bgs).

The approximate locations of the explorations are depicted on Figure 2. Test probes EB-1 and EB-2 were advanced in the approximate, reported locations[1] of the two borings where the petroleum release was previously identified in 2004. Test probes EB-3 and EB-10 were advanced southwest and southeast of the existing Chevron fuel system, to help assess whether the off-site operations may be contributing to adverse subsurface conditions encountered on the subject property. Test probes EB-4 through EB-7 were advanced in the gravel lot at the approximate location of the former Gasamat gas station and USTs. Test probes EB-8 and EB-9 were advanced in locations meant to better delineate the previously identified petroleum release. Ground water was encountered in every exploration.

Soil Sampling

Soil sampling at all Geoprobe explorations was completed by driving a plastic-lined hollow probe tube with a truck-mounted, hydraulic impact hammer. The explorations are advanced in 5-foot increments. After each 5-foot driving interval the probe was removed from the exploration and the plastic sleeve containing a sample of the subsurface materials encountered during that driving interval was removed. The plastic liner was cut open to expose the soil sample, and laboratory-prepared sample containers were filled with soil for possible analytical testing.

A soil sample was also collected for field screening using a portable photoionization detector (PID) and visual and olfactory methods. PID readings were collected to determine field indications of volatile organic compounds (VOCs) in soils, measured in volumetric parts per million (vppm). PID readings and observations pertaining to suspect staining, and/or odors are noted on the exploration logs included in Appendix B. In summary, no suspect soil staining was noted; however, slight to strong petroleum odors were encountered in soils from explorations EB-4 through EB-7, EB-9, and EB-10. PID readings ranged from 0.0 vppm to 184 vppm (observed in EB-5 from 5.5 to 6.5 feet bgs). Suspect elevated PID readings were observed in soils from explorations EB-4 through EB-6, and EB-10.

1 The figures provided in the previous reports for the 2004 borings were not to scale. Therefore, the reported locations are approximated.

Ground Water Sampling

Ground water samples were collected for analytical testing from every exploration advanced at the site. The ground water sampling procedure consisted of installing a temporary well screen at the base of the completed exploration, and inserting a plastic tube extending from the screened interval to the ground surface. A peristaltic pump was used to draw water from the screened interval. The pump was run for approximately 15 minutes to clear the majority of the turbidity from the water flow, and the ground water sample was collected into laboratory-prepared sample containers after the development period. The tubing, temporary screen, and casing were then removed.

Sample Management

All soil and ground water samples collected for chemical analysis were placed in appropriate sample containers supplied by an Ecology-approved laboratory subcontracted to AESI. Soil samples intended for VOCs analysis were collected using the Ecology-approved 5035 method. However, soil sample EB-2-8.5, which was not originally intended for VOCs analysis, was collected in a 4-ounce glass jar with a Teflon-lid liner. Each container was labeled with the site name, date, time, exploration number, sample number, and sampling personnel. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to the analytical laboratory by AESI under strict chain-of-custody procedures.

Site Restoration

All Geoprobe exploration locations were abandoned with bentonite seals in accordance with Ecology guidelines. No permanent wells were installed.

Waste Management

Soil cuttings, purge water, and equipment cleaning water generated during the field activities were placed in a Washington State Department of Transportation (WSDOT)-approved, 35-gallon steel drum, closed, and appropriately labeled with project-specific information and initial accumulation date. One 35-gallon waste drum was generated during these field services and was left on-site for subsequent characterization and disposal. Disposal of drummed material is not included in this scope of work.

SUBSURFACE CONDITIONS

Subsurface conditions at the project site were inferred from the field explorations accomplished for this study and visual reconnaissance of the site. Soils encountered beneath the subject property generally consisted of approximately 3 to 8 feet of brown-gray, fine to coarse silty sand, with variable gravels, underlain by brown-gray sandy silt (alluvium) to the maximum depth explored (15 feet bgs).

An approximately 0.5- to 3-foot thick, perched water-bearing zone (moist to wet) was observed within the silt unit, occasionally within an interbedded sandy silt or silty sand layer, at approximate depths of 6 to 9 feet bgs. The partially-saturated zones abated with depth, except at exploration EB-6, where wet soils were observed to the maximum depth explored. In each exploration, the water level rose slightly from the initially encountered depth (a few inches to as much as 2 feet), indicating a partially-confined ground water condition.

As discussed in our Phase I ESA report, a review of previous reports for the subject and adjoining properties indicates that ground water flow direction appears to fluctuate and can range from north to south. The predominant ground water flow direction (based on multiple elevation measurements reported for the northwest adjoining Chevron property) is reportedly to the southwest, towards the Puyallup River.

LABORATORY ANALYSIS RESULTS

Soil samples were analyzed by Friedman & Bruya, Inc. of Seattle, Washington, for one or all of the following:

- Total petroleum hydrocarbons (TPH) identification by Method NWTPH-HCID.
- Gasoline-range TPH by Method NWTPH-G.
- Diesel- and oil-range TPH by Method NWTPH-Dx with silica gel cleanup[2].
- VOCs and/or benzene, toluene, ethylbenzene and total xylenes (BTEX) by Method 8260C or 8021B.
- Total lead by Method 200.8/1631E.

The soil and ground water analytical results are summarized in Table 1, "Laboratory Analysis Results for Soil Samples," and Table 2, "Laboratory Analysis Results for Ground Water," respectively, attached to this letter-report. Gasoline-range TPH and BTEX analytical results are also summarized in Figure 3, "Exploration Plan with Soil Analytical Summary," and Figure 4, "Exploration Plan with Ground Water Analytical Summary," both attached to this letter report.

Soil Analytical Results

Based on the laboratory analytical results, gasoline-range TPH (up to 2,000 milligrams per kilogram [mg/kg]), benzene (up to 1.8 mg/kg), toluene (up to 9.6 mg/kg), ethylbenzene (up to 41 mg/kg), and total xylenes (up to 120 mg/kg) were detected in the soil samples analyzed from

2 Silica gel cleanup mitigates organic interferences that can result in falsely elevated analytical results during NWTPH-Dx analysis.

the subject property, above their Model Toxics Control Act (MTCA) Method A soil cleanup levels for unrestricted land use (MTCA cleanup levels of 30, 0.03, 7, 6, and 9 mg/kg, respectively). The distribution of gasoline TPH and BTEX concentrations detected in site soils (considered herein to be the "indicator" contaminants of concern) is shown in Figure 3. The highest concentrations of gasoline TPH and BTEX were detected in soils collected from the vicinity of the reported, former Gasamat UST locations.

Diesel-range TPH concentrations (up to 660 mg/kg) were also detected in soil samples concurrently with significantly elevated gasoline-range TPH concentrations. However, a review of the individual sample chromatograms by the analytical laboratory indicated that these diesel detections are likely the result of overlap from the elevated gasoline TPH detections and are not indicative of diesel.

Oil-range TPH was not detected in any of the soil samples analyzed. The three soil samples with the highest detections of gasoline TPH were also analyzed for total lead content and found to contain lead concentrations up to 12.3 mg/kg, below the MTCA Method A soil cleanup level of 250 mg/kg and likely indicative of background conditions.

Ground Water Analytical Results

Based on the laboratory analytical results, gasoline-range TPH (up to 49,000 micrograms per Liter [ug/L]), benzene (up to 1,100 ug/L), toluene (up to 420 ug/L), ethylbenzene (up to 2,800 ug/L), total xylenes (up to 6,000 ug/L), and naphthalene (up to 540 ug/L), were detected in the ground water samples collected from the site above their MTCA Method A ground water cleanup levels (MTCA cleanup levels of 800, 5, 1,000, 700, 1,000, and 160, respectively). 1,3,5-trimethylbenzene (up to 210 ug/L) was also detected above its applicable MTCA Method B ground water cleanup level of 80 ug/L[3]. The distribution of gasoline TPH and BTEX concentrations detected in ground water at the site is shown in Figure 4. As with the detections in soil, the highest concentrations of gasoline TPH and BTEX were detected in ground water collected from the vicinity of the reported, former Gasamat UST locations.

Diesel-range TPH (up to 6,000 mg/kg) and methylene chloride were also detected in ground water samples with significantly elevated gasoline-range TPH concentrations. However, a review of the individual sample chromatograms by the analytical laboratory suggested that the diesel TPH detections are likely the result of overlap from the elevated gasoline TPH concentrations and not indicative of diesel. The laboratory also indicated that the methylene chloride detection was likely the result of laboratory contamination.

Oil-range TPH was detected in only one sample, EB-3-GW, at a concentration of 350 ug/L, below the MTCA Method A ground water cleanup level of 500 ug/L. Other petroleum-related VOCs were also detected in ground water at relatively low concentrations (see Table 2).

3 In lieu of an established MTCA Method A ground water cleanup level for 1,3,5-trimethylbenzene, the Method B cleanup value was used for comparison.

CONCLUSIONS AND RECOMMENDATIONS

A supplemental Phase II ESA subsurface investigation was conducted to attempt to better define the nature and extent of adverse subsurface conditions at the subject property.

Based on the geophysical survey findings, no suspect subsurface anomalies (e.g. USTs or backfilled UST cavities) were identified.

Based on the soil and ground water analytical results, a release of diesel- and oil-range TPH was not identified on the subject property. The eastern and southeastern extents of the previously identified gasoline-range TPH and BTEX release to soil and ground water have been adequately delineated. The extent of the release to soil and ground water, from the northwest to the southwest, has not yet been determined. Concentrations of naphthalene and 1,3,5-trimethylbenzene (likely associated with the gasoline TPH release) were also detected in ground water at the site above their respective MTCA Method A ground water cleanup levels. Also, the vertical extent of the identified contaminants of concern (COCs) appears to be limited to the observed, perched water-bearing zone and immediately adjacent, underlying soils.

The highest concentrations of the COCs were detected in the reported vicinity of the former Gasamat USTs. At this time, it is unclear if the adjoining Chevron station fuel system is contributing to the identified on-site release. The exploration closest to the off-site USTs (EB-3) did not contain significantly elevated concentrations of the COCs. However, due to the significantly elevated COC concentrations in soil and ground water from exploration EB-4 (also inferred directly downgradient of the off-site fuel UST nest), additional investigation would be necessary to exclude the adjacent Chevron facility as a source of COC contribution, especially given prior documented releases at the off-site property.

Additional investigation would be necessary to determine the full extent of the COCs plume in soil and ground water, particularly to the west. AESI recommends that a copy of this letter-report be submitted to Ecology as a status report of the remedial efforts being undertaken on the subject property. The client should also confer with legal counsel before taking any additional steps to address the on-site release.

LIMITATIONS AND EXCEPTIONS

Subsurface explorations cannot eliminate all uncertainty regarding the current extent of chemical contamination or the potential for future migration to soil or ground water. Given budget and time limitations, sampling is limited to a finite number of discrete locations and chemical analysis is limited to chemical constituents typically associated with the known environmental conditions. It is possible that higher chemical concentrations may be found in locations where sampling was not conducted and chemical constituents may be present that were not included in the analysis.

Judgments leading to the enclosed general conclusions are based on a reasonable amount of sampling and analysis and reflect site conditions as they existed at the time of our assessment. Other information on the subject property or adjacent surrounding properties may exist, and more extensive studies may reduce the uncertainties associated with this assessment.

CLOSURE

This letter-report was prepared for the exclusive use of Mr. Noel Coon, Hana Hou Wailea, LLC, and its agents for specific application to the subject site. AESI personnel performed this assessment in accordance with generally accepted standards of care that existed in the State of Washington at the time of this study. Our findings and conclusions have been prepared in accordance with generally accepted professional practice in the area at this time. We make no other warranty, either express or implied.

We appreciate this opportunity to provide these services. Please do not hesitate to call if you have any questions.

Sincerely,
ASSOCIATED EARTH SCIENCES, INC.
Tacoma, Washington

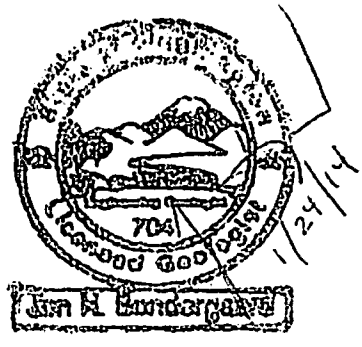

Lannie Smith, C.H.M.M.
Tacoma Environmental Manager

Jon N. Sondergaard, L.G., L.E.G.
Senior Principal Geologist

Attachments:	Figure 1:	Vicinity Map
	Figure 2:	Site and Exploration Plan
	Figure 3:	Exploration Plan with Soil Analytical Summary
	Figure 4:	Exploration Plan with Ground Water Analytical Summary
	Table 1:	Laboratory Analysis Results for Soil Samples
	Table 2:	Laboratory Analysis Results for Ground Water
	Appendix A:	Laboratory Analytical Reports
		Sample Chain-of-Custody Forms
	Appendix B:	Exploration Logs

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Kurt Johnson, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

January 2, 2014

Lannie Smith, Project Manager
Associated Earth Sciences, Inc.
1552 Jefferson Ave, Suite 102
Tacoma, WA 98402

Dear Mr. Smith:

Included are the results from the testing of material submitted on December 20, 2013 from the TV130509B, F&BI 312348 project. There are 28 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
AE10102R.DOC

Sample ID	Sample Location	Gasoline-Range Hydrocarbons (ug/L)	Diesel-Range Hydrocarbons (ug/L)	Motor Oil-Range Hydrocarbons (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Naphthalene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	Methylene chloride (ug/L)	Other VOCs (ug/L)
EB 1 GW	EB 1	ND (< 100)	—	—	ND (< 1)	8.6	1.2	0.2	—	—	—	—
EB 2 GW	EB 2	ND (< 100)	—	—	ND (< 1)	6.7	ND (< 1)	0.6	—	—	—	—
EB 3 GW	EB 3	ND (< 100)	ND (< 50)	350	ND (< 1)	8.9	1.2	0.2	—	—	—	—
EB 4 GW	EB 4	49,000	6,000 [2]	ND (< 250)	1,100	420	2,600	6,000	—	—	—	—
EB 5 GW	EB 5	16,000	420 [2]	ND (< 250)	450	200	510	1,970	120	210	68 [4]	sec-Butylbenzene = 14 1,2,4-Trimethylbenzene = 830 n-Propylbenzene = 170 Isopropyl toluene = 50
EB 6 GW	EB 6	15,000	3,000 [2]	ND (< 250)	510	22	1,500	40	640	4.4	ND (< 5)	sec-Butylbenzene = 25 1,2,4-Trimethylbenzene = 19 n-Propylbenzene = 450 Isopropyl toluene = 160
EB 7 GW	EB 7	2,900	520 [2]	ND (< 250)	260 [2]	24	5.1	27	ND (< 1)	ND (< 1)	ND (< 5)	Acetone = 11 sec-Butylbenzene = 3.5 1,2,4-Trimethylbenzene = 1.6 n-Propylbenzene = 65 Isopropyl toluene = 34
EB 8 GW	EB 8	ND (< 100)	—	—	1.0	14	1.0	0.1	—	—	—	—
EB 9 GW	EB 9	110	—	—	1.1	15	2.3	15	—	—	—	—
EB 10 GW	EB 10	ND (< 100)	ND (< 55)	ND (< 220)	ND (< 1)	0.1	ND (< 1)	5.1	—	—	—	—
MTCA Method A Cleanup Levels		*800/1,000* [1]	*500*	*500*	*5*	*1,000*	*700*	*1,000*	*160*	*60* [3]	*5*	*varies*

Notes: Results above MTCA Method A Cleanup Levels, if any, are in bold.
ug/L = micrograms per Liter (equivalent to parts per billion).
— = Not Analyzed or Not Applicable

[1] The cleanup level for gasoline-range total petroleum hydrocarbons is 800 ug/L when benzene is present in groundwater and 1,000 ug/L otherwise.
[2] The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
[3] Estimated concentration. A dilution is required to obtain an accurate identification of the analyte.
[4] The presence of the compound indicated is likely due to laboratory contamination.
[5] The current Method B Non-carcinogen Standard Value was used in the table. No Method A or Method B carcinogen values have been established for this parameter.

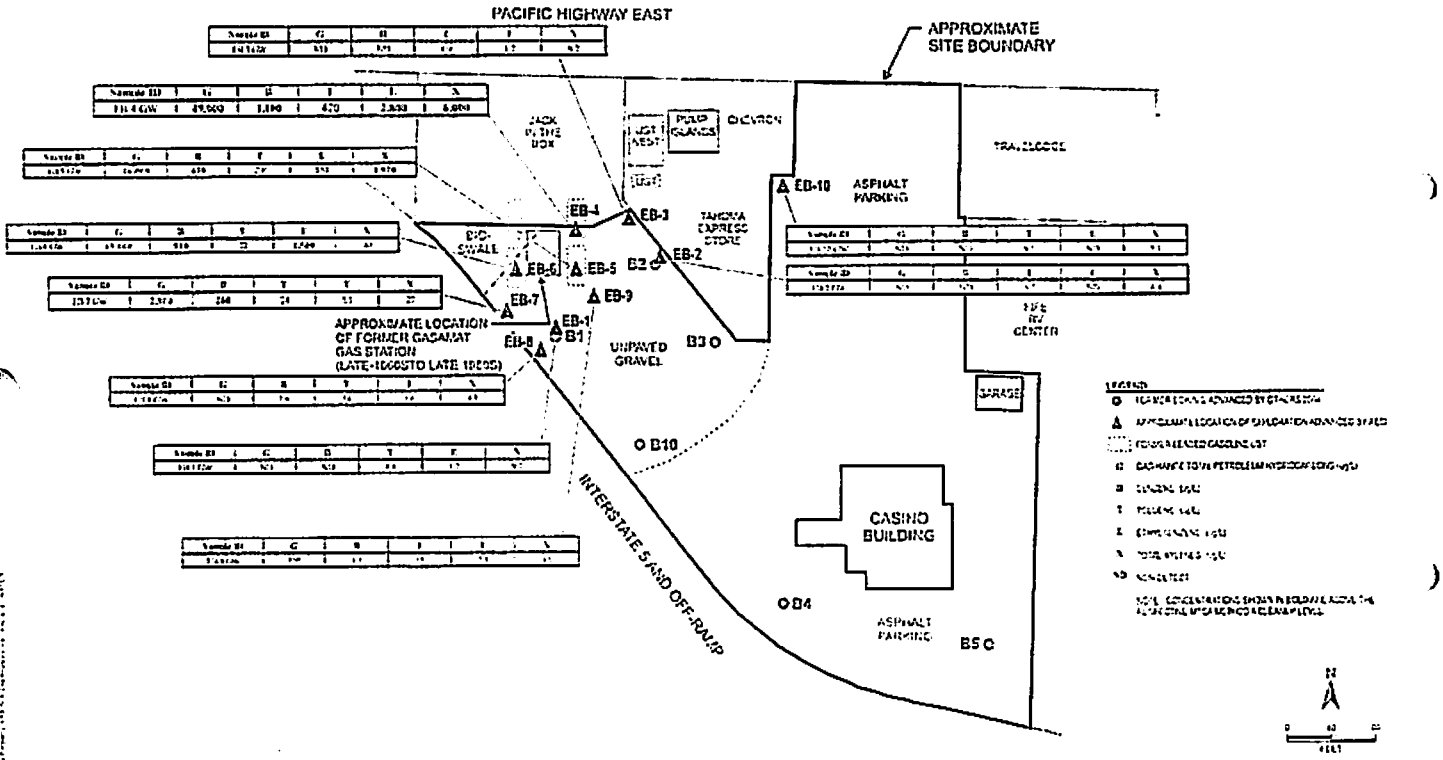

Associated Earth Sciences, Inc.

EXPLORATION PLAN WITH GROUND WATER ANALYTICAL SUMMARY
FREDDIE'S CASINO PROPERTY
FIFE, WASHINGTON

FIGURE 4
DATE

Sample Location	Sample Depth (ft bgs)	PID (vppm)	Gasoline-Range Hydrocarbons (mg/kg)	Diesel-Range Hydrocarbons (mg/kg)	Heavy Oil-Range Hydrocarbons (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total Lead (mg/kg)
EB 1 2.5-3.5'	2.5-3.5	0	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 1 4-5'	4-5	0	---	---	---	---	---	---	---	—
EB 1 9.5-10'	9.5-10	0.1	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 2 4-5'	4-5	0.1	---	---	---	---	---	---	---	---
EB 2 6-7'	6-7	0.1	---	---	---	---	---	---	---	---
EB 2 8-8.5'	8.5	0.1	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02) [3]	ND (< 0.02) [3]	ND (< 0.02) [3]	ND (< 0.06) [3]	—
EB 2 9-10'	9-10	0.1	---	---	---	---	---	---	---	---
EB 3 4-5'	4-5	0.4	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 3 6-7'	6-7	0.1	---	---	---	---	---	---	---	---
EB 3 7-7.5'	7-7.5	0.1	---	---	---	---	---	---	---	---
EB 3 8-9'	8-9	0.1	---	---	---	---	---	---	---	---
EB 3 9-10'	9-10	0.1	---	---	---	---	---	---	---	---
EB 4 2.5-3.5'	2.5-3.5	4.9	---	---	---	---	---	---	---	---
EB 4 3.5-4'	3.5-4	84.3	---	---	---	---	---	---	---	---
EB 4 4-5'	4-5	68.9	2,000	660 [2]	ND (< 250)	1.8	9.6	41	170	12.3
EB 4 6.5-7.5'	6.5-7.5	0.5	3.9	ND (< 50)	ND (< 250)	ND (< 0.02)	0.031	ND (< 0.02)	ND (< 0.06)	—
EB 4 8-9'	8-9	0.5	---	---	---	---	---	---	---	---
EB 4 9-10'	9-10	0.6	---	---	---	---	---	---	---	---
EB 5 3-4'	3-4	11.1	---	---	---	---	---	---	---	---
EB 5 4-5'	4-5	138	720	270 [2]	ND (< 250)	1.4	4.3	12	50	—
EB 5 5.5-6.5'	5.5-6.5	184	160	ND (< 50)	ND (< 250)	0.27	0.75	0.27	0.69	7.08
EB 5 6.5-7.5'	6.5-7.5	3.4	22	ND (< 50)	ND (< 250)	0.41	0.75	0.008	ND (< 0.06)	—
EB 5 9-10'	9-10	0.7	—	—	—	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 6 3-4'	3-4	3.9	---	---	---	---	---	---	---	---
EB 6 4-5'	4-5	1.2	—	—	—	---	---	---	---	
EB 6 6-7'	6-7	103	---	---	---	---	---	---	---	---
EB 6 7-7.5'	7-7.5	43.0	1,300	560 [2]	ND (< 250)	< 0.4	8	16	5.1	9
EB 6 7.5-8'	7.5-8	5.5	---	---	---	---	---	---	---	—
EB 6 9.5-10'	9.5-10	5.8	5-7	ND (< 50)	ND (< 250)	0.66	ND (< 0.02)	0.035	0.2	—
EB 6 10-11'	10-11	0.6	—	---	---	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	---
EB 7 3.5-4'	3.5-4	2.5	---	---	---	---	---	---	---	—
EB 7 4-5'	4-5	1.9	—	—	—	---	---	---	---	—
EB 7 5.5-6'	5.5-6	2.5	ND (< 2)	ND (< 50)	ND (< 250)	0.027	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 8 4-5'	4-5	0	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 8 8-9'	8-9	0	ND (< 20)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 8 9-10'	9-10	0	---	---	---	---	---	---	---	---
EB 9 2-3'	2-3	0	—	—	—	---	---	---	---	---
EB 9 3-4'	3-4	0.4	4	---	---	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 9 4.5-5'	4.5-5	0	---	---	---	---	---	---	---	---
EB 9 5.5-6.5'	5.5-6.5	0	---	---	---	---	---	---	---	—
EB 9 7-7.5'	7-7.5	0	---	---	---	---	---	---	---	---
EB 9 7.5-8'	7.5-8	0	---	---	---	---	---	---	---	—
EB 9 9-10'	9-10	0	---	---	---	---	---	---	---	---
EB 10 4-4.5'	4-4.5	20	ND (< 2)	ND (< 50)	ND (< 250)	ND (< 0.02)	ND (< 0.02)	ND (< 0.02)	ND (< 0.06)	—
EB 10 7.5-8.5'	7.5-8.5	0	---	---	---	---	---	---	---	
EB 10 9-10'	9-10	0	---	---	---	---	---	---	---	---
MTCA Method A Cleanup Levels			30 / 100 [1]	2,000	2,000	0.03	7	6	9	250

Notes: Results above the MTCA Method A Cleanup Level for Unrestricted Land Use, if any, in bold

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram (equivalent to parts per million)

PID = Photoionization Detector

vppm = volumetric parts per million

--- = Not Analyzed

NR = No reading collected

[1] The cleanup level for gasoline-range total petroleum hydrocarbons is 100 mg/kg for mixtures without benzene and the total of ethylbenzene, toluene, and xylenes are less than 1% of the mixture. The cleanup level is 30 mg/kg for all other gasoline mixtures.

[2] The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

[3] The sample was received in a container not approved by the method. The value reported should be considered an estimate.

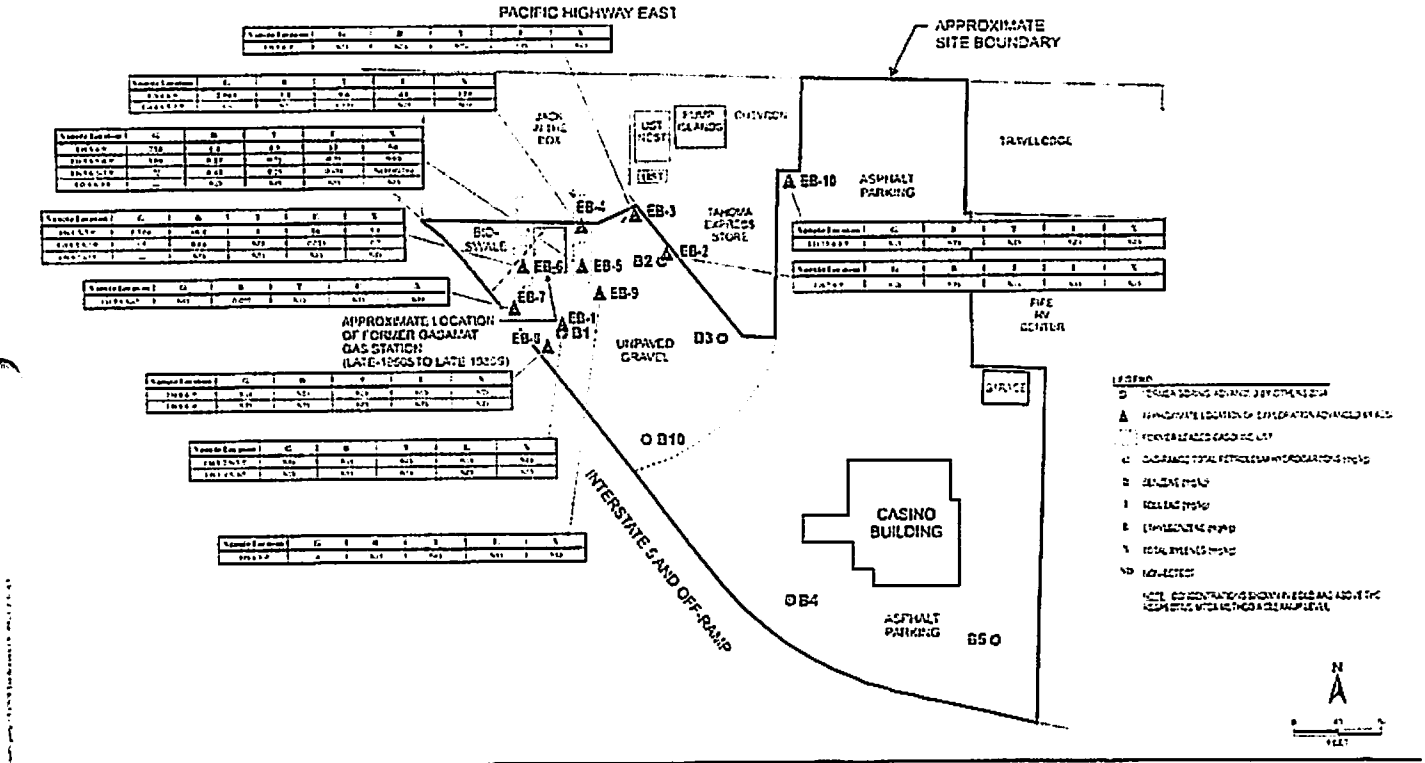

Associated Earth Sciences, Inc.

EXPLORATION PLAN WITH SOIL ANALYTICAL SUMMARY

FREDDIE'S CASINO PROPERTY

FIFE, WASHINGTON

FIGURE 3

DATE

PROJ. NO.

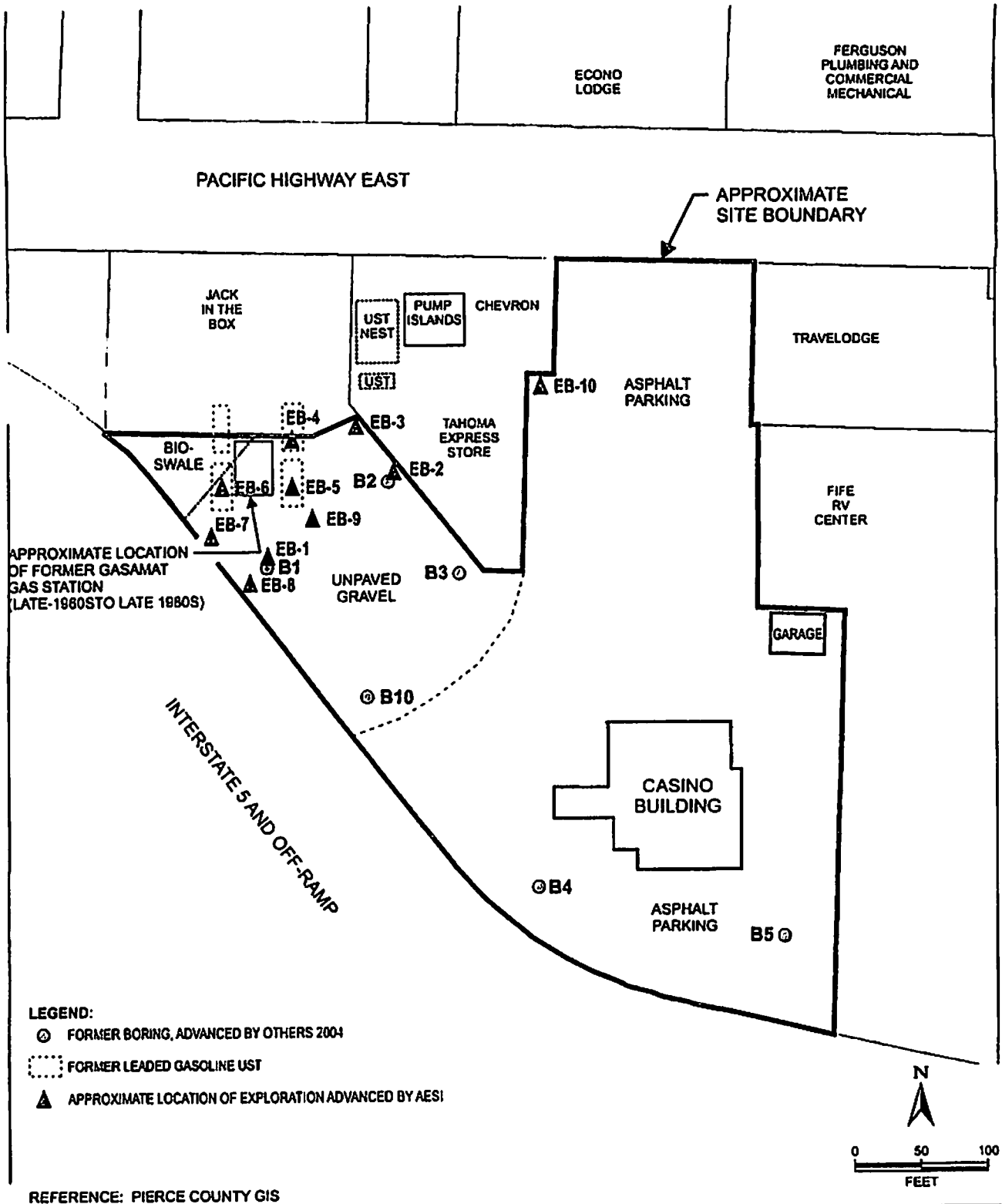

REFERENCE: PIERCE COUNTY GIS

Associated Earth Sciences, Inc.

SITE PLAN
FREDDIE'S CASINO PROPERTY
FIFE, WASHINGTON

FIGURE 2
DATE 1/14
PROJ. NO. TV130509B

130509 Freddie's Casino Property \ 130509 Site Analysis.cdr PAGE 1: Site

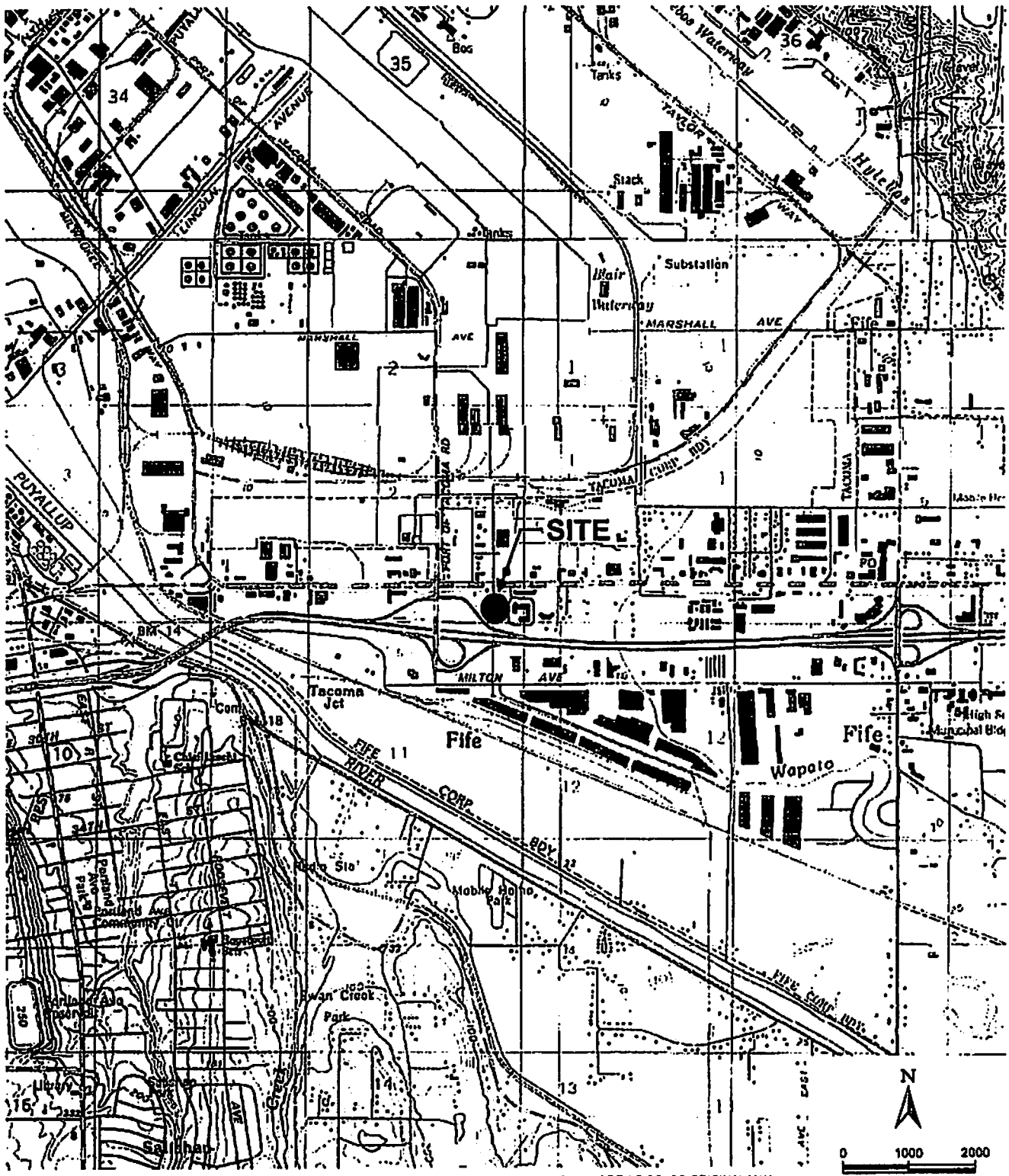

REFERENCE: USGS TOPOI

NOTE: BLACK AND WHITE REPRODUCTION OF THIS COLOR ORIGINAL MAY REDUCE ITS EFFECTIVENESS AND LEAD TO INCORRECT INTERPRETATION.

Associated Earth Sciences, Inc.

VICINITY MAP

FREDDIE'S CASINO PROPERTY
FIFE, WASHINGTON

FIGURE 1
DATE 1/14
PROJ. NO. TV130509B

130509 FreddieS Casino Property \ 130509 B Vicinity 1-14.cdr

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348
Date Extracted: 12/20/13
Date Analyzed: 12/20/13

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
EB4 4-5' 312348-19 1/20	1.8	9.6	41	120	2,000	100
EB4 6.5-7.5' 312348-20	<0.02	0.031	<0.02	<0.06	3.9	91
EB5 4-5' 312348-24 1/20	1.4	4.3	12	50	730	96
EB5 5.5-6.5' 312348-25	0.27	0.75	0.27	0.89	100	105
EB5 6.5-7.5' 312348-26	0.41	0.25	0.038	<0.06	22	98
EB6 7-7.5' 312348-32 1/20	<0.4	8.0	16	5.1	1,300	104
EB6 9.5-10' 312348-34	0.66	<0.02	0.035	0.20	5.7	95
EB7 5.5-6' 312348-39	0.027	<0.02	<0.02	<0.06	<2	95
EB9 3-4' 312348-45	<0.02	<0.02	<0.02	<0.06	4.0	95
EB10 4-4.5' 312348-52	<0.02	<0.02	<0.02	<0.06	<2	90
Method Blank 03-2576 MB	<0.02	<0.02	<0.02	<0.06	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348
Date Extracted: 12/24/13
Date Analyzed: 12/30/13

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 47-140)
EB3 GW 312348-11	<50	350	83
EB4 GW 312348-17	6,000 x	<250	88
EB5 GW 312348-28	420 x	<250	73
EB6 GW 312348-36	3,800 x	<250	84
EB7 GW 312348-40	520 x	<250	90
EB10 GW 312348-55 1/1.1	<55	<280	87
Method Blank 03-2640 MB	<50	<250	72

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348
Date Extracted: 12/26/13
Date Analyzed: 12/27/13

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx
Sample Extracts Passed Through a Silica Gel Column Prior to Analysis
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
EB4 4-5' 312348-19	660 x	<250	88
EB4 6.5-7.5' 312348-20	<50	<250	88
EB5 4-5' 312348-24	220 x	<250	89
EB5 5.5-6.5' 312348-25	<50	<250	88
EB5 6.5-7.5' 312348-26	<50	<250	87
EB6 7-7.5' 312348-32	560 x	<250	88
EB6 9.5-10' 312348-34	<50	<250	86
EB7 5.5-6' 312348-39	<50	<250	90
EB10 4-4.5' 312348-52	<50	<250	86
Method Blank 03-2075 MB	<50	<250	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	EB4 4-5'	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	312348-19
Date Analyzed:	12/23/13	Data File:	312348-19.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	96	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	12.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	EB5 5.5-6.5'	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	312348-25
Date Analyzed:	12/23/13	Data File:	312348-25.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	95	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	7.08

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	EB6 7-7.5'	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	312348-32
Date Analyzed:	12/23/13	Data File:	312348-32.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	88	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	0.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Associated Earth Sciences
Date Received:	NA	Project:	TV130509B, F&BI 312348
Date Extracted:	12/23/13	Lab ID:	I3-872 mb
Date Analyzed:	12/23/13	Data File:	I3-872 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	100	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB5 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-28
Date Analyzed:	12/24/13	Data File:	122411.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	50	150
Toluene-d8	106	50	150
4-Bromofluorobenzene	97	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	390 ve
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	1,100 ve
Methylene chloride	<5	o-Xylene	430 ve
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	52
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	140
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	190 ve
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	380 ve	1,2,4-Trimethylbenzene	160 ve
Trichloroethene	<1	sec-Butylbenzene	13
1,2-Dichloropropane	<1	p-Isopropyltoluene	6.6
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	180 ve	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	130
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB5 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-28 1/10
Date Analyzed:	12/24/13	Data File:	122410.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	50	150
Toluene-d8	102	50	150
4-Bromofluorobenzene	97	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	1,3-Dichloropropane	<10
Chloromethane	<100	Tetrachloroethene	<10
Vinyl chloride	<2	Dibromochloromethane	<10
Bromomethane	<10	1,2-Dibromoethane (EDB)	<10
Chloroethane	<10	Chlorobenzene	<10
Trichlorofluoromethane	<10	Ethylbenzene	510
Acetone	<100	1,1,1,2-Tetrachloroethane	<10
1,1-Dichloroethene	<10	m,p-Xylene	1,500
Methylene chloride	58 lc	o-Xylene	470
Methyl t-butyl ether (MTBE)	<10	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	56
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	170
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	210
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon tetrachloride	<10	tert-Butylbenzene	<10
Benzene	430	1,2,4-Trimethylbenzene	830
Trichloroethene	<10	sec-Butylbenzene	14
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<100
Toluene	200	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	130
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB6 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-36
Date Analyzed:	12/24/13	Data File:	122415.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	50	150
Toluene-d8	109	50	150
4-Bromofluorobenzene	99	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	550 ve
Acetone	<10	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	34
Methylene chloride	<5	o-Xylene	6.0
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	130
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	4.4
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	450 ve	1,2,4-Trimethylbenzene	19
Trichloroethene	<1	sec-Butylbenzene	24
1,2-Dichloropropane	<1	p-Isopropyltoluene	3.2
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	22	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	520 ve
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB6 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-36 1/10
Date Analyzed:	12/24/13	Data File:	122414.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	50	150
Toluene-d8	103	50	150
4-Bromofluorobenzene	98	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	1,3-Dichloropropane	<10
Chloromethane	<100	Tetrachloroethene	<10
Vinyl chloride	<2	Dibromochloromethane	<10
Bromomethane	<10	1,2-Dibromoethane (EDB)	<10
Chloroethane	<10	Chlorobenzene	<10
Trichlorofluoromethane	<10	Ethylbenzene	1,500
Acetone	<100	1,1,1,2-Tetrachloroethane	<10
1,1-Dichloroethene	<10	m,p-Xylene	39
Methylene chloride	<50	o-Xylene	<10
Methyl t-butyl ether (MTBE)	<10	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	150
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	450
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	<10
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon tetrachloride	<10	tert-Butylbenzene	<10
Benzene	510	1,2,4-Trimethylbenzene	19
Trichloroethene	<10	sec-Butylbenzene	25
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<100
Toluene	20	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	540
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EB7 GW	Client:	Associated Earth Sciences
Date Received:	12/20/13	Project:	TV130509B, F&BI 312348
Date Extracted:	12/24/13	Lab ID:	312348-40
Date Analyzed:	12/24/13	Data File:	122418.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	50	150
Toluene-d8	101	50	150
4-Bromofluorobenzene	96	50	150

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	1,3-Dichloropropane	<1
Chloromethane	<10	Tetrachloroethene	<1
Vinyl chloride	<0.2	Dibromochloromethane	<1
Bromomethane	<1	1,2-Dibromoethane (EDB)	<1
Chloroethane	<1	Chlorobenzene	<1
Trichlorofluoromethane	<1	Ethylbenzene	5.1
Acetone	11	1,1,1,2-Tetrachloroethane	<1
1,1-Dichloroethene	<1	m,p-Xylene	23
Methylene chloride	<5	o-Xylene	4.0
Methyl t-butyl ether (MTBE)	<1	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	34
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	65
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon tetrachloride	<1	tert-Butylbenzene	<1
Benzene	260 ve	1,2,4-Trimethylbenzene	1.6
Trichloroethene	<1	sec-Butylbenzene	3.5
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<10
Toluene	24	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 312348-08 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	86	69-120
Toluene	mg/kg (ppm)	0.5	92	70-117
Ethylbenzene	mg/kg (ppm)	0.5	95	65-123
Xylenes	mg/kg (ppm)	1.5	94	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING METHOD 8021B AND NWTPH-Gx

Laboratory Code: 312333-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	92	65-118
Toluene	ug/L (ppb)	50	93	72-122
Ethylbenzene	ug/L (ppb)	50	95	73-126
Xylenes	ug/L (ppb)	150	94	74-118
Gasoline	ug/L (ppb)	1,000	98	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	106	104	61-133	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 312348-19 (Matrix Spike) Silica Gel

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	500	132	117	63-146	12

Laboratory Code: Laboratory Control Sample Silica Gel

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	116	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 200.8

Laboratory Code: 312336-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	50	25.4	98 b	97 b	59-148	1 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	97	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: 312369-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	ug/L (ppb)	50	<1	92	55-141
Chloromethane	ug/L (ppb)	50	<10	86	67-131
Vinyl chloride	ug/L (ppb)	50	<0.2	90	61-139
Bromomethane	ug/L (ppb)	50	<1	122	66-129
Chloroethane	ug/L (ppb)	50	<1	94	68-126
Trichlorofluoromethane	ug/L (ppb)	50	<1	83	71-128
Acetone	ug/L (ppb)	250	<10	97	48-149
1,1-Dichloroethene	ug/L (ppb)	50	<1	86	71-123
Methylene chloride	ug/L (ppb)	50	<5	95	61-120
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	<1	98	66-125
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	92	72-122
1,1-Dichloroethane	ug/L (ppb)	50	<1	95	79-113
2,2-Dichloropropane	ug/L (ppb)	50	<1	95	66-132
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	96	73-119
Chloroform	ug/L (ppb)	50	<1	93	80-113
2-Butanone (MEK)	ug/L (ppb)	250	<10	105	60-123
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	98	78-113
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	95	79-110
1,1-Dichloropropene	ug/L (ppb)	50	<1	89	87-121
Carbon tetrachloride	ug/L (ppb)	50	<1	102	72-123
Benzene	ug/L (ppb)	50	<0.35	91	79-109
Trichloroethene	ug/L (ppb)	50	<1	91	75-109
1,2-Dichloropropane	ug/L (ppb)	50	<1	97	80-111
Bromodichloromethane	ug/L (ppb)	50	<1	101	78-117
Dibromomethane	ug/L (ppb)	50	<1	101	80-112
4-Methyl-2-pentanone	ug/L (ppb)	250	<10	118	79-123
cis-1,3-Dichloropropene	ug/L (ppb)	50	<1	102	76-120
Toluene	ug/L (ppb)	50	<1	92	73-117
trans-1,3-Dichloropropene	ug/L (ppb)	50	<1	99	75-122
1,1,2-Trichloroethane	ug/L (ppb)	50	<1	97	81-111
2-Hexanone	ug/L (ppb)	250	<10	100	75-126
1,3-Dichloropropane	ug/L (ppb)	50	<1	95	81-111
Tetrachloroethene	ug/L (ppb)	50	<1	87	72-113
Dibromochloromethane	ug/L (ppb)	50	<1	92	69-129
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	<1	96	83-114
Chlorobenzene	ug/L (ppb)	50	<1	93	75-115
Ethylbenzene	ug/L (ppb)	50	<1	87	71-120
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	<1	96	78-122
m,p-Xylene	ug/L (ppb)	100	<2	87	63-128
o-Xylene	ug/L (ppb)	50	<1	90	64-129
Styrene	ug/L (ppb)	50	<1	91	70-122
Isopropylbenzene	ug/L (ppb)	50	<1	90	76-118
Bromoform	ug/L (ppb)	50	<1	94	49-138
n-Propylbenzene	ug/L (ppb)	50	<1	90	74-117
Bromobenzene	ug/L (ppb)	50	<1	90	70-121
1,3,5-Trimethylbenzene	ug/L (ppb)	50	<1	90	81-112
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	<1	93	79-120
1,2,3-Trichloropropane	ug/L (ppb)	50	<1	88	73-119
2-Chlorotoluene	ug/L (ppb)	50	<1	86	77-114
4-Chlorotoluene	ug/L (ppb)	50	<1	86	81-109
tert-Butylbenzene	ug/L (ppb)	50	<1	90	81-110
1,2,4-Trimethylbenzene	ug/L (ppb)	50	<1	92	74-115
sec-Butylbenzene	ug/L (ppb)	50	<1	88	77-118
p-Isopropyltoluene	ug/L (ppb)	50	<1	90	64-132
1,3-Dichlorobenzene	ug/L (ppb)	50	<1	90	81-111
1,4-Dichlorobenzene	ug/L (ppb)	50	<1	87	78-110
1,2-Dichlorobenzene	ug/L (ppb)	50	<1	91	81-111
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	<10	108	69-129
1,2,4-Trichlorobenzene	ug/L (ppb)	50	<1	100	74-115
Hexachlorobutadiene	ug/L (ppb)	50	<1	96	67-120
Naphthalene	ug/L (ppb)	50	<1	108	63-138
1,2,3-Trichlorobenzene	ug/L (ppb)	50	<1	104	79-116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/14
Date Received: 12/20/13
Project: TV130509B, F&BI 312348

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260C

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spiko Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Dichlorodifluoromethane	ug/L (ppb)	50	108	110	54-149	2
Chloromethane	ug/L (ppb)	50	96	98	67-133	2
Vinyl chloride	ug/L (ppb)	50	100	100	73-132	0
Bromomethane	ug/L (ppb)	50	128 vo	136 vo	69-123	6
Chloroethane	ug/L (ppb)	50	100	101	68-128	1
Trichlorofluoromethane	ug/L (ppb)	50	98	98	70-132	0
Acetone	ug/L (ppb)	250	113	119	44-145	5
1,1-Dichloroethene	ug/L (ppb)	50	88	89	75-110	1
Methylene chloride	ug/L (ppb)	50	99	106	63-132	7
Methyl t-butyl ether (MTBE)	ug/L (ppb)	50	107	108	70-122	1
trans-1,2-Dichloroethene	ug/L (ppb)	50	94	94	76-118	0
1,1-Dichloroethane	ug/L (ppb)	50	98	99	80-110	1
2,2-Dichloropropane	ug/L (ppb)	50	111	112	62-141	1
cis-1,2-Dichloroethene	ug/L (ppb)	50	99	100	81-111	1
Chloroform	ug/L (ppb)	50	96	98	81-100	2
2-Butanone (MEK)	ug/L (ppb)	250	116	117	63-140	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	104	107	79-100	3
1,1,1-Trichloroethane	ug/L (ppb)	50	98	96	80-116	2
1,1-Dichloropropene	ug/L (ppb)	50	97	99	78-112	2
Carbon tetrachloride	ug/L (ppb)	50	100	104	72-128	2
Benzene	ug/L (ppb)	50	94	94	81-108	0
Trichloroethene	ug/L (ppb)	50	93	93	77-108	0
1,2-Dichloropropane	ug/L (ppb)	50	101	101	82-109	3
Bromodichloromethane	ug/L (ppb)	50	103	100	76-120	3
Dibromomethane	ug/L (ppb)	50	106	100	80-110	3
4-Methyl-2-pentanone	ug/L (ppb)	250	124	131	59-142	5
cis-1,3-Dichloropropene	ug/L (ppb)	50	111	116	76-128	4
Toluene	ug/L (ppb)	50	93	92	83-108	1
trans-1,3-Dichloropropene	ug/L (ppb)	50	106	100	76-128	3
1,1,2-Trichloroethane	ug/L (ppb)	50	101	101	82-110	3
2-Hexanone	ug/L (ppb)	250	109	114	63-145	4
1,3-Dichloropropane	ug/L (ppb)	50	98	102	83-110	4
Tetrachloroethene	ug/L (ppb)	50	86	84	78-100	2
Dibromochloromethane	ug/L (ppb)	50	97	100	63-140	3
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	99	103	85-113	4
Chlorobenzene	ug/L (ppb)	50	95	96	84-108	1
Ethylbenzene	ug/L (ppb)	50	88	86	84-110	2
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	101	101	76-125	0
m,p-Xylene	ug/L (ppb)	100	89	88	84-112	1
o-Xylene	ug/L (ppb)	50	92	92	82-113	0
Styrene	ug/L (ppb)	50	94	95	84-116	1
Isopropylbenzene	ug/L (ppb)	50	91	89	81-122	2
Bromoform	ug/L (ppb)	50	98	101	40-101	3
n-Propylbenzene	ug/L (ppb)	50	89	86	81-115	3
Bromobenzene	ug/L (ppb)	50	92	91	80-113	1
1,3,5-Trimethylbenzene	ug/L (ppb)	50	91	90	83-117	1
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	95	96	79-118	1
1,2,3-Trichloropropane	ug/L (ppb)	50	91	92	74-118	1
2-Chlorotoluene	ug/L (ppb)	50	85	84	79-112	1
4-Chlorotoluene	ug/L (ppb)	50	87	86	81-113	1
tert-Butylbenzene	ug/L (ppb)	50	90	88	81-119	2
1,2,4-Trimethylbenzene	ug/L (ppb)	50	94	92	83-116	2
sec-Butylbenzene	ug/L (ppb)	50	88	86	83-116	2
p-Isopropyltoluene	ug/L (ppb)	50	92	90	82-119	2
1,3-Dichlorobenzene	ug/L (ppb)	50	92	92	83-111	0
1,4-Dichlorobenzene	ug/L (ppb)	50	91	91	82-109	0
1,2-Dichlorobenzene	ug/L (ppb)	50	94	95	83-111	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	115	110	62-133	1
1,2,4-Trichlorobenzene	ug/L (ppb)	50	108	112	77-117	4
Hexachlorobutadiene	ug/L (ppb)	50	105	107	74-118	2
Naphthalene	ug/L (ppb)	50	115	121	76-131	5
1,2,3-Trichlorobenzene	ug/L (ppb)	50	116 vo	122 vo	82-115	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

312348

SAMPLE CHAIN OF CUSTODY

MS 12/20/13 VS3/DOY/VS

Send Report To Lannie Smith
Company AESI
Address 1552 Commerce St. Suite 102
City, State, ZIP Tacoma WA 98402
Phone # (253) 722-2992 Fax # (253) 722-2993

SAMPLERS (signature) Emily Crossman
PROJECT NAME/NO. TV130509B
PO#
REMARKS
* silica gel on all * - per LS 12/20/13
* - Follow-up Hc ID Interpretation

Page # 1 of 1

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	HC ID						Notes
EB1 2.5-3.5'	01 A-E	12/19/13	0758	soil	5			X				X						X - per LS 12/20/13 MC
EB1 GW	02		0800	water	5		X	X										
EB1 4-5'	03		0810	soil	5													X - per EC 12/20/13 MC.
EB1 9.5-10'	04		0815	soil	5			X				X						
EB2 4-5'	05		0835	soil	5													
EB2 6-7'	06		0840	soil	5													
EB2 GW	07		0840	water	5		X	X										
EB2 8.5'	08		0845	soil	1			X				X						
EB2 9.5-10'	09 A-D		0845	soil	4													
EB3 4-5'	10 A-E		0930	soil	5			X				X						

Samples received at 1.0 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emily Crossman	Emily Crossman	AESI	12/20/13	0900
Received by: [illegible]	Ken Dawson	Postel Exp	12-20-13	0900
Relinquished by:				
Received by: [illegible]	Nhan Phan	F&BI	12/20/13	1000

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
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SAMPLE CHAIN OF CUSTODY

ME 12/20/13 VSJ/Boyd VS

Send Report To Jamie Smith
Company AESI
Address
City, State, ZIP Tacoma WA 98402
Phone # Fax #

SAMPLERS (Signature) Emily Cressman
PROJECT NAME/NO. TVB050913
PO#
REMARKS

Page 1 of 6

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	Total Pb						Notes
EB3 GW	11 AE	12/17/13	0935	water	5	X	X	X										
EB3 9-10'	12		0940	soil	5													
EB3 6-7'	13		0944	soil	5													
EB3 8-9'	14		0953	soil	1													
EB3 7-7.5	15		0955	soil	1													
EB4 2.5-3.5	16 AE		1010	soil	5													
EB4 GW	17		1015	water	5	X	X	X										
EB4 3.5-4'	18		1017	soil	5													
EB4 4-5'	19		1025	soil	5	X	X	X				X						
EB4 6.5-7.5'	20		1031	soil	5	X	X	X										

Samples received at 1.4°

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Emily Cressman	Emily Cressman	AESI	12/20/13	0900
Received by:	[illegible]	Ken Dawson	Postal Express	12-20-13	9:00
Relinquished by:					
Received by:	[illegible]	Nhan Phan	FeBI	12/20/13	1000

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SAMPLE CHAIN OF CUSTODY

ME 12/20/13 V33/D04/V.

Page # 3 of 6

Send Report To Lannie Smith
Company AESI
Address
City, State, ZIP Tacoma WA 98402
Phone # Fax #

SAMPLERS (signature) Emily Cressman
PROJECT NAME/NO. TV13050913
PO#
REMARKS

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Total Pb						Notes
EB4 8-9'	21	12/19/13	1036	soil	5													
EB4 9-10'	22		1045	soil	5													
EB5 3-4'	23		1107	soil	5													
EB5 4-5'	24		1111	soil	5	X	X	X										
EB5 5.5-6.5'	25		1116	soil	5	X	X	X				X						
EB5 6.5-7.5'	26		1120	soil	5	X	X	X										
EB5 9-10'	27		1125	soil	5			X										
EB5 GW	28		1130	water	5	X	X		X									
EB6 3-4'	29		1205	soil	5													
EB6 4-5'	30		1210	soil	5													

Samples received at 1 °C

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Emily Cressman	Emily Cressman	AESI	12/20/13	0900
Received by:	[illegible]	Ken Dawson	Postal Exp	12-20-13	0900
Relinquished by:					
Received by:	[illegible]	Nhan Phan	FeBI	12/20/13	1000

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SAMPLE CHAIN OF CUSTODY

MG 12/20/13 4 VS3/004/VB

Page # 4 of 6

Send Report To Lannie Smith
Company AESI
Address
City, State, ZIP Tacoma WA 98402
Phone # Fax #

SAMPLERS (signature): Emily Cressman
PROJECT NAME/NO.: TV130509B
PO#
REMARKS

TURNAROUND TIME
☐ Standard (2 Weeks)
☐ RUSH
Rush charges authorized by

SAMPLE DISPOSAL
☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Total Pb						Notes
EB6 6-7'	31 A-E	12/19/13	1223	soil	5													
EB6 7-7.5'	32		1227	soil	5	X	X	X				X						
EB6 7.5-8'	33		1231	soil	5													
EB6 9.5-10'	34		1234	soil	5	X	X	X										
EB6 10-11'	35		1238	soil	5			X										
EB6 GW	36		1244	Water	5	X	X		X									
EB7 3.5-4'	37		1314	soil	5													
EB7 4-5'	38		1318	soil	5													
EB7 5.5-6'	39 A-B		1321	soil	2	X	X	X										
EB7 GW	40 A-E		1325	Water	5	X	X		X									

Samples received at 1 °C

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Seattle, WA 98119-2029
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Fax (206) 283-5044
www.friedmanandbruya.com

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emily Cressman	Emily Cressman	AESI	12/20/13	0900
Received by: [illegible]	Nhan Phan	FEBT	12/20/13	1000
Relinquished by:				
Received by:				

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SAMPLE CHAIN OF CUSTODY

ME 12/20/13 · VS3/D04/05

Page # 5 of 6

Send Report To Lannie Smith

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Address

City, State, ZIP Tacoma WA 98402

Phone # Fax #

SAMPLERS (Signature) Emily Crossman

PROJECT NAME/NO. TVB050913

PO#

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS	Hc ID						Notes
EB8 4-5'	41 A-E	12/19/13	1414	soil	5			X				X						
EB8 8-9'	42		1417	soil	5			X				X						
EB8 9-10'	43		1421	soil	5													
EB8 GW	44		1425	water	5	X	X	X										
EB9 3-4'	45		1516	soil	5		X	X										
EB9 4.5-5'	46		1520	soil	5													
EB9 5.5-6.5'	47		1525	soil	5													
EB9 7-7.5'	48		1530	soil	5													
EB9 7.5-8'	49		1533	soil	5													
EB9 9-10'	50		1536	soil	5													

Samples received at 1 °C

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Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Emily Crossman	Emily Crossman	AESI	12/20/13	0900
Received by:	Ken Dawson	Postal Express	12-20-13	0900
Relinquished by:				
Received by:	Nhan Phan	FEBI	12/20/13	1000

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SAMPLE CHAIN OF CUSTODY

HE 12/20/13 VS3/DP4/VS

Send Report To Lannie Smith

Company AESI

Address

City, State, ZIP Tacoma WA 98402

Phone # Fax #

SAMPLERS (Signature) Emily Crossman

PROJECT NAME/NO. TM8080913

PO#

REMARKS

Page # 6 of 6

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by8260	SVOCs by 8270	HFS							Notes
EB 9 2-3'	51	12/19/13	1540	soil	5													
EB 10 4-4.5'	52		1621	soil	5	X	X	X										
EB 10 7.5-8.5'	53		1624	soil	5													
EB 10 9-10'	54		1628	soil	5													
EB 10 GW	55		1630	water	5	X	X	X										
EB9_GW	56	12/19/13	1545	water	5		X	X										(AD) 12/20/13 Added at lab

Samples shelved at

Friedman & Bruya, Inc.
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Seattle, WA 98119-2029
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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Emily Crossman	Emily Crossman	AESI	12/20/13	0900
Received by:		Ken Davran	Postal Express	12/20/13	0900
Relinquished by:					
Received by:		Nhan Phan	FEBI	12/20/13	1000

APPENDIX B

Exploration Logs

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-1	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). EB1-2.5-3.5 PID = 0.0 ppm					
5				Becomes fine to medium silty SAND, with fine to coarse gravel; no odor (SM). EB1-4-5 PID = 0.0 ppm					
						▼			
10				Slightly moist, brown, fine to coarse silty SAND, few fine to coarse gravel; no odor (SM). EB1-9.5-10 PID = 0.1 ppm					
				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ∇ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-2	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, few fine gravel; no odor (SM). PID = 0.1 ppm					
				Slightly moist, blue and gray, fine to medium SAND, little fine to coarse gravel; slight organic odor (SW). PID = 0.1 ppm					
5				Grades to moist. EB2-4-5 PID = 0.1 ppm					
				Moist, gray, fine to coarse sandy SILT, trace fine gravel (ML). EB2-6-7 PID = 0.1 ppm		▼			
				Grades to very moist, brown, fine SILT; organic odor (ML).					
				EB2-8.5 PID = 0.1 ppm					
				Moist, dark brown, fine to medium SAND; organic odor (SP). EB2-9.5-10 PID = 0.1 ppm					
10				Bottom of exploration boring at 10 feet					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ▽ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 20, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-3	1 of 1

Project Name: Freddie's Casing
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to medium gravel; organic odor (SM). PID = 0.4 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML). EB3-4-5 PID = 0.4 ppm					
5				PID = 0.4 ppm Very moist, brown, fine to medium sand, SILT; organic odor (ML) PID = 0.1 ppm					
				EB3-6-7 PID = 0.1 ppm					
				Very moist, brown, fine silty SAND; organic odor (SM). EB3-7-7.5 PID = 0.1 ppm					
				Very moist, brown, fine SILT; organic odor (ML). PID = 0.1 ppm EB3-8-9 PID = 0.1 ppm					
				EB3-9-10 PID = 0.1 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-4	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	~ft	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). EB4-2.5-3 PID = 4.9 ppm					
				Slightly moist, dark brown, fine SILT; petroleum odor (ML). EB4-3.5-4 PID = 84.3 ppm		▼			
				Moist, dark brown, fine SILT (ML). EB4-4-5 PID = 86.9 ppm					
5				Very moist, brown, fine sandy SILT; petroleum odor (SW). PID = 5.2 ppm					
				Grades to moist; slight petroleum odor. EB4-6.5-7.5 PID = 0.5 ppm					
				Organic odor. EB4-8-9 PID = 0.5 ppm					
10				Organic odor. EB4-9-10 PID = 0.6 ppm					
				Bottom of exploration boring at 10 feet. Ground water has slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
▽ Water Level ()
▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 1305098.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-5	1 of 1

Project Name: Freddie's Casing
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13 12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, grey and blue, fine to coarse silty SAND, few fine to coarse gravel; petroleum odor (SM). PID = 6.2 ppm EB5-3-4 PID = 11.1 ppm					
				Slightly moist, brown, fine SILT; petroleum odor (ML). EB5-4-5 PID = 138 ppm		▼			
5									
				Very moist, brown, fine sandy SILT; petroleum odor (ML). EB5-5.5-6.5 PID = 184 ppm					
				Organic odor. EB5-6.5-7.5 PID = 3.4 ppm PID = 4.1 ppm Organic odor.					
				PID = 0.7 ppm Moist, brown, fine SILT; organic odor (ML). EB5-9-10 PID = 0.7 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample

M - Moisture
Water Level ()
Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-6	1 of 1

Project Name	Freddie's Casino	Ground Surface Elevation (ft)	
Location	Fife, WA	Datum	N/A
Driller/Equipment	ESN / Direct Push / Geoprobe	Date Start/Finish	12/19/13,12/19/13
Hammer Weight/Drop	N/A	Hole Diameter (in)	2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, little fine to coarse gravel; slight petroleum odor (SM). EB6-3-4 PID = 3.9 ppm					
				Grades to brown.					
5				Grades to blue and gray. EB6-4-5 PID = 1.2 ppm		▼			
				Slightly moist, bray and blue, fine to medium silty SAND, few fine to coarse gravel; petroleum odor (SM). EB6-6-7 PID = 103 ppm					
				EB6-7-7.5 PID = 43.8 ppm					
				Moist, brown, fine SILT; petroleum odor (ML). EB6-7.5-8 PID = 5.5 ppm					
				Organic odor.					
				PID = 12.2 ppm					
10				EB6-9.5-10 PID = 5.8 ppm Wet, dark brown, fine SILT; slight petroleum odor (ML) EB6-10-11 PID = 0.6 ppm					
15				Bottom of exploration boring at 15 feet Standing water in 10 to 15 foot sleeve has sheen. Backfilled with bentonite.					

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-7	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND, few fine gravel; no odor (SM). EB7-3.5-4 PID = 2.5 ppm EB7-4-5 PID = 1.9 ppm					
5				Slightly moist, gray, fine SILT; slight petroleum odor (ML). EB7-5.5-6 PID = 2.5 ppm		▼			
10				Bottom of exploration boring at 10 feet Water has a slight sheen. Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESIBOR 130509B.GPJ January 20, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-8	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to coarse silty SAND; no odor (SM). PID = 0.0 ppm EB8-4-5 PID = 0.0 ppm					
5						▼			
				Moist, dark brown, fine SILT; organic odor (ML). EB8-8-9 PID = 0.0 ppm					
				Becomes slightly moist. PID = 0.0 ppm EB8-9-10 PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBDR 130509B.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-9	1 of 1

Project Name	Freddie's Casino	Ground Surface Elevation (ft)	
Location	Fife, WA	Datum	N/A
Driller/Equipment	ESN / Direct Push / Geoprobe	Date Start/Finish	12/19/13,12/19/13
Hammer Weight/Drop	N/A	Hole Diameter (in)	2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, brown, fine to medium silty SAND, trace fine gravel; no odor (SM).					
				EB9-2-3 PID = 0.0 ppm					
				Slightly moist, gray and blue, fine to coarse silty SAND, little fine gravel; petroleum odor (SM).					
				EB9-3-4 PID = 0.4 ppm					
				PID = 0.0 ppm					
				Slightly moist, dark brown, fine SILT; organic odor (ML).					
5				EB9-4.5-5 PID = 0.0 ppm		▼			
				Slightly moist, gray, fine SILT; organic odor (ML).					
				EB9-5.5-6.5 PID = 0.0 ppm					
				Becomes moist.					
				PID = 0.0 ppm					
				EB9-7-7.5 PID = 0.0 ppm					
				Very moist, dark brown, fine SAND; organic odor (SW).					
				EB9-7.5-8 PID = 0.0 ppm					
				Slightly moist, brown, fine SILT; organic odor (ML).					
				EB9-9-10 PID = 0.0 ppm					
				Organic odor.					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):

- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- Water Level ()
- Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 1305098.GPJ January 10, 2014

Associated Earth Sciences, Inc.

Exploration Log

Project Number	Exploration Number	Sheet
TV130509B	EB-10	1 of 1

Project Name: Freddie's Casino
Location: Fife, WA
Driller/Equipment: ESN / Direct Push / Geoprobe
Hammer Weight/Drop: N/A

Ground Surface Elevation (ft):
Datum: N/A
Date Start/Finish: 12/19/13,12/19/13
Hole Diameter (in): 2 inches

Depth (ft)	ST	Samples	Graphic Symbol	DESCRIPTION	Well Completion	Water Level	Blows/6"	Blows/Foot (10 20 30 40)	Other Tests
				Alluvium					
				Slightly moist, gray and blue, fine to medium silty SAND, few fine gravel; slight petroleum odor (SM). EB10-4-4.5 PID = 20.0 ppm PID = 12.0 ppm					
5						▼			
				Slightly moist, gray, fine SILT; no odor (ML). EB10-7.5-8.5 PID = 0.0 ppm PID = 0.0 ppm EB10-9-10 PID = 0.0 ppm					
10				Bottom of exploration boring at 10 feet Backfilled with bentonite.					
15									

Sampler Type (ST):
- 2" OD Split Spoon Sampler (SPT)
- 3" OD Split Spoon Sampler (D & M)
- Grab Sample
- No Recovery
- Ring Sample
- Shelby Tube Sample
- M - Moisture
- ∇ Water Level ()
- ▼ Water Level at time of drilling (ATD)

Logged by: ESC
Approved by:

AESBOR 130509B.GPJ January 20, 2014

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Post-it® Fax Note 7671	Date 10/5/00	# of pages ▸ 4
To Einar Gunderson	From David Dinkum	
Co./Dept. Amer. Eng.	Co. Krazan	
Phone #	Phone #	
Fax #	Fax #	

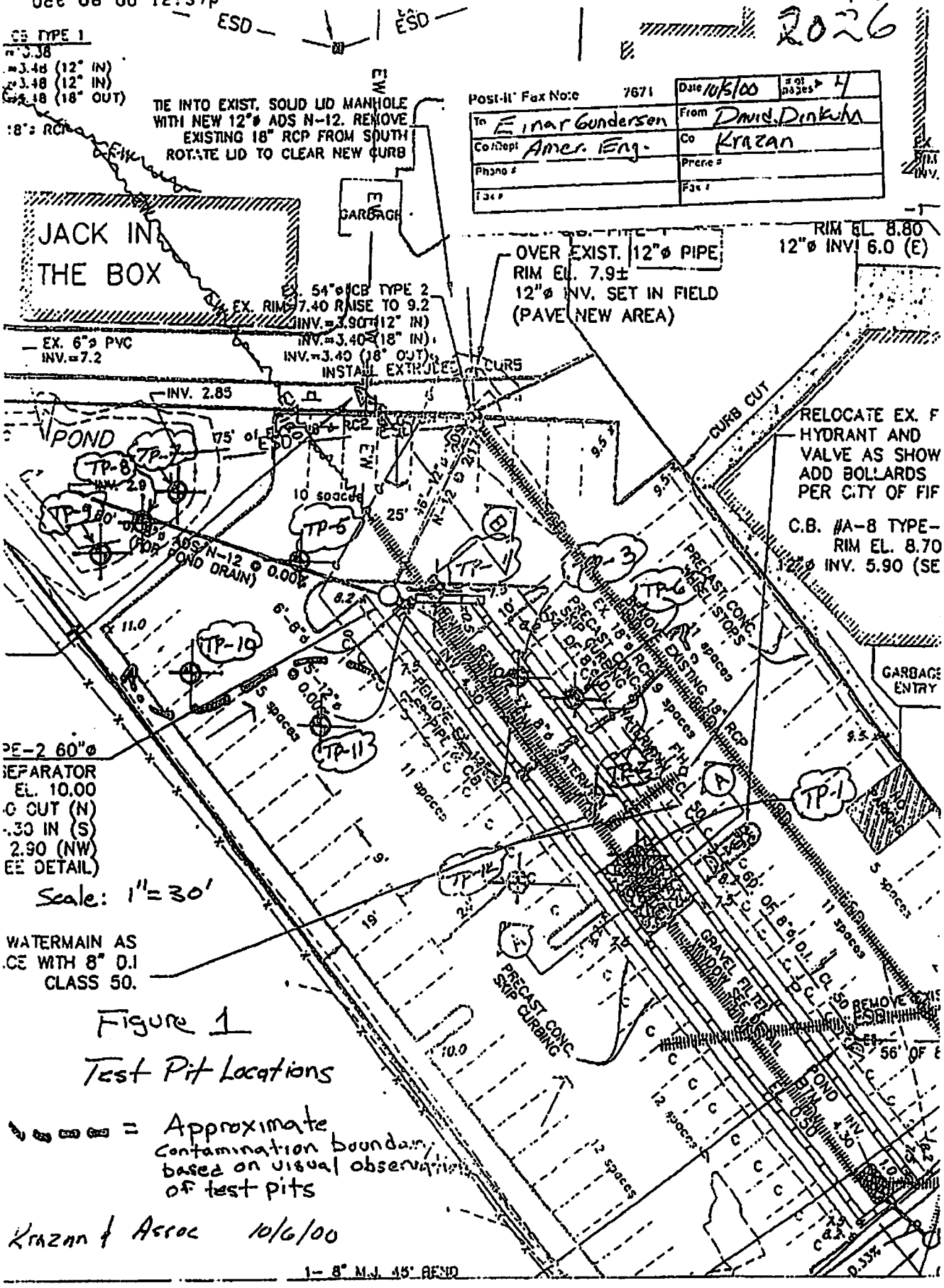

Figure 1

Test Pit Locations

= Approximate contamination boundary based on visual observation of test pits

Krazan & Assoc 10/6/00

Freddies Club Casino
Krazan & Associates

DLD 10/6/00 1/3
066-00148

Test Pit Logs

TP-1:	0'-3'	Gray sandy gravel; no odor
	3'-6'	Gray, clayey silt; no odor, no
	Bop@6'	groundwater observed.
TP-2:	0'-4'	Sandy gravel; no odor
	4'-8'	Brown clayey silt; no odor, groundwater
	Bop@8'	seepage observed from 6' to 7' in depth.
TP-3:	0'-8'	Gray, sandy gravel; strong gasoline odor,
	Bop@8'	no groundwater observed, heavy caving to 6'.
TP-4:	0'-10'	Gray, sandy gravel; strong gasoline
	Bop@10'	odor throughout, no groundwater observed due to heavy caving to 6', soil from bottom of pit appeared wet.
TP-5:	0'-3'	Gray, sandy gravel; strong gas odor
	3'-5'	Brown, silty sand; strong gas odor,
	Bop@5'	no groundwater observed.
TP-6:	0'-4'	Gray/brown, sandy gravel; moderate gas odor
	4'-5'	Brown silty sand; mild gas odor, no
	Bop@5'	ground water observed.

TP-7:	0'-4'	Gray, silty sand, strong gas odor
	BOP@4'	to 3', becomes slight odor at 4',
		no ground water observed

TP-8:	0'-3'	Gray, sandy silt; strong gas odor
		to 2', mild odor to 3'
	3'-3.5'	Gray, fine to med. sand; slight gas odor,
	BOP@3.5'	ground water seeping in from 3' (Sheen)

TP-9:	0'-1'	Gray silt; med. gas odor
	1'-3'	Gray, clayey silt, slight gas odor
	3'-4'	Gray, medium sand, no gas odor,
	BOP@4'	groundwater seeping in from 3' (sheen)

TP-10	0'-3'	Brown sandy gravel; no odor
	3'-4'	Gray sandy gravel; slight gas odor
	4'-12'	Gray, fine sandy silt; slight to no
	BOP@12'	gas odor, after sitting open ~1 hour,
		slight wetting of side wall observed at
		10'

TP-11:	0-3'	Brown sandy gravel; no odor
	3'-4'	Gray sandy gravel; no odor
	4'-8'	Gray, fine sandy silt, no odor
	8'-10'	Gray, fine to med sand; no odor,
	BOP@10'	groundwater observed at 8.5' (no sheen)

TP-12: 0'-3' Brown sandy gravel, no odor
3'-4' Gray sandy gravel; no odor
4'-9' Gray, fine sandy silt, no odor
9'-10' Gray, fine to med. sand; no odor,
Bop@10' no groundwater observed but sand @ bottom appeared wet.

Electronic Copy

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • 360-407-6300
Call 711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

October 22, 2019

Evens Fife LLC
9330 Balboa Ave
San Diego, CA 92123-1516

Re: Early Notice Letter Regarding the Release of Hazardous Substances

- **Site Name:** Jack in the Box Fife
- **Location:** 3402 Pacific Hwy E, Fife, Pierce County, WA 98424
- **Facility Site ID Number:** 7907

To Whom It May Concern:

The Department of Ecology (Ecology) is required to conduct an Initial Investigation, under chapter 70.105 Revised Code of Washington (RCW), upon receiving a report of release or threatened release of hazardous substance that may pose a threat to human health or the environment.

The Model Toxics Control Act (MTCA),[1] chapter 70.105D RCW, mandates Ecology maintain a database of Confirmed or Suspected Contaminated Sites. As a result of the initial investigation conducted by Ecology, this property has been added to the database as a State Cleanup Site and assigned a Facility Site Identification number of 7907. Please note that inclusion in the database does not mean Ecology has determined you to be a potentially liable person.

During the investigation, Ecology found soil and groundwater suspected to be contaminated with non-halogenated organics, halogenated organics, metals and other substances above MTCA cleanup levels at the location listed above. In the future, Ecology may conduct a more detailed inspection of this property known as a site hazard assessment. At that time, Ecology will assess whether action will be needed and establish a priority for the work.

Ecology's policy is to work cooperatively with individuals to accomplish prompt and effective cleanups. However, due to limited resources we are not always able to provide requested assistance. Your cooperation with Ecology in planning or conducting a remedial action is not an admission of guilt or liability. Please be aware of state laws that must be adhered to if you decide to proceed with cleanup work on your own.

[1] https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Rules-directing-our-cleanup-work/Model-Toxics-Control-Act

Enclosed is a Model Toxics Control Act Cleanup Regulation Focus Sheet. This provides a brief overview of the process for the cleanup of contaminated sites[2]. For additional information regarding each step in the cleanup process and Ecology's Voluntary Cleanup Program, feel free to contact me or Nick Acklam, the Southwest Regional Office Voluntary Cleanup Program Coordinator, at (360) 407-6347, or visit Ecology's Voluntary Cleanup Program website.[3]

Chapter 70.105D RCW and the implementing regulations, chapter 173-340 Washington Administrative Code (WAC) which detail these requirements, can be found at Ecology's Toxics Cleanup Program's statutes and regulations website.[4]

If you would like a hard copy of the MTCA regulations, or if you have any questions, please call me at (360) 407-6246. Thank you for your cooperation.

Sincerely,

Kirsten Wecker
Toxics Cleanup Program
Southwest Regional Office

Enclosure: Model Toxics Control Act Cleanup Regulation Focus Sheet

By certified mail: 9489 0090 0027 6086 4117 36

cc: Nick Acklam, Ecology (by email)

[2] http://www.ecy.wa.gov/cleanup.html
[3] https://ecology.wa.gov/vcp
[4] https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Rules-directing-our-cleanup-work

INITIAL INVESTIGATION FIELD REPORT

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ERTS Number: 667578
Parcel #(s): 0320111067
COUNTY: Pierce

SITE INFORMATION

Site Name (e.g., Co. name over door): Fife RV Center	Site Address (including City and Zip+4): 3410 Pacific Highway E Fife, WA 98424	Site Phone: none
Site Contact and Title: Chris LaVerdiere	Site Contact Address (including City and Zip+4): same as above	Site Contact Phone: 253/284-6600
Site Owner: same as above	Site Owner Address (including City and Zip+4): same as above	Site Owner Phone: same as above
Site Owner Contact: Alan Blotch	Site Owner Contact Address (including City and Zip+4): AeroTech Environmental Consulting	Owner Contact Phone: 360/710-5899
Alternate Site Name(s):	Comments:	
Previous Site Owner(s):	Comments:	

Latitude (Decimal Degrees): 47.24218	
Longitude (Decimal Degrees): -122.38230	

INSPECTION INFORMATION

Inspection Conducted? Yes ☒ No ☐	Date/Time: 02.22.17; 1:30 pm	Entry Notice: Announced ☐	Unannounced ☒
Photographs taken?	Yes ☐	No ☒	
Samples collected?	Yes ☐	No ☒	If *Yes*, be sure to include a figure/sketch showing sample locations.

RECOMMENDATION

No Further Action (Check appropriate box below):		**LIST on Confirmed and Suspected Contaminated Sites List:** ☒
Release or threatened release does not pose a threat	☐	
No release or threatened release	☐	
Refer to program/agency (Name:_____)	☐	
Independent Cleanup Action Completed (i.e., contamination removed)	☐	

COMPLAINT (Brief Summary of ERTS Complaint):

Gasoline range organics, benzene, toluene, ethylbenzene, and total xylenes are present in soil and/or groundwater in concentrations exceeding cleanup levels.

CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA):

Site contamination has been documented in a Phase II Environmental Site Assessment. The site entered VCP on 01.06.17 (FSID 7907).

Investigator: S. Bell	Date Submitted: 02.22.17

OBSERVATIONS

Description (please be sure to include the following: site observations, site features and cover, chronology of events, sources/past practices likely responsible for contamination, presence of water supply wells and other potential exposure pathways, etc.):

Note: The county assessor's information for the subject parcel lists an incorrect address of 3402 Pacific Highway East. The correct address is 3410 Pacific Highway East, confirmed with the City of Fife.

This site came to our attention when Alan Blotch (AeroTech Environmental Consulting) filed an application to dispose of 1000 tons of petroleum contaminated soil at the LRI 304th St. Landfill. A Supplemental Phase II ESA, prepared by Associated Earth Sciences, Inc. and dated 01.24.14, was attached to the WDA application. Following is a summary of the information provided in the Phase II.

Recognized environmental conditions (RECs) were identified in a Phase I ESA and referenced in this Phase II document. The primary REC was a former gas station on the northwest part of the property, and a petroleum hydrocarbon release in the same area.

The Phase II describes 10 geoprobe borings, completed to a maximum depth of 15 feet. Soil and groundwater samples were collected from each boring and analyzed for petroleum hydrocarbons, volatile organic compounds, and lead. Not all samples were analyzed for all constituents.

Soil contamination was verified with gasoline, toluene, ethylbenzene, and total xylenes found in concentrations exceeding cleanup levels (CULs). Diesel and lead were also detected, but below applicable CULs.

Groundwater contamination was also detected with gasoline, benzene, toluene, ethylbenzene, and total xylenes found in concentrations exceeding CULs.

An attempt was made to locate any USTs on the site prior to the subsurface investigation. An electro magnetometer and GPR were used, but no USTs were detected.

No subsequent information has been submitted, and the site has entered VCP (effective date 01.06.17, FSID 7907). The TPCHD recommends including this site in the SIS database due to documented contamination of both soil and groundwater.

(fill in contaminant matrix below with appropriate status choice from the key below the table)

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	BEDROCK	DESCRIPTION
Non-Halogenated Organics	Phenolic Compounds						Compounds containing phenols (Examples: phenol; 4-methylphenol; 2-methylphenol)
	Non-Halogenated Solvents						Organic solvents, typically volatile or semi-volatile, not containing any halogens. To determine if a product has halogens, search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is not a Cl, I, Br, F in the formula, it's not halogenated. (Examples: acetone, benzene, toluene, xylenes, methyl ethyl ketone, ethyl acetate, methanol, ethanol, isopropranol, formic acid, acetic acid, stoddard solvent, Naptha). *Use this when TEX contaminants are present independently of gasoline.*
	Polynuclear Aromatic Hydrocarbons (PAH)						Hydrocarbons composed of two or more benzene rings.
	Tributyltin						The main active ingredients in biocides used to control a broad spectrum of organisms. Found in antifouling marine paint, antifungal action in textiles and industrial water systems. (Examples: Tributyltin; monobutyltin; dibutyltin)
	Methyl tertiary-butyl ether						MTBE is a volatile oxygen-containing organic compound that was formerly used as a gasoline additive to promote complete combustion and help reduce air pollution.
	Benzene		C				Benzene
	Other Non-Halogenated Organics	C	C				Other Non-Halogenated Organics (Example: Phthalates)
	Petroleum Diesel						Petroleum Diesel
	Petroleum Gasoline	C	C				Petroleum Gasoline
	Petroleum Other						Crude oil and any fraction thereof. Petroleum products that are not specifically Gasoline or Diesel.
Halogenated Organics (see notes at bottom)	**PBDE**						**Polybrominated di-phenyl ether**
	Other Halogenated Organics						**Other organic compounds with halogens (chlorine, fluorine, bromine, iodine). search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is a Cl, I, Br, F in the formula, it is halogenated. (Examples: Hexachlorobutadiene; hexachlorobenzene; pentachlorophenol)**
	Halogenated solvents						**Solvents containing halogens (Halogen is typically chlorine, but can also be fluorine, bromine, iodine), and their breakdown products (Examples: Trichloroethylene; Tetrachloroethylene (aka Perchloroethylene); TCE; TCA; trans and cis 1,2 dichloroethylene; vinyl chloride)**
	Polychlorinated Biphenyls (PCB)						**Any of a family of industrial compounds produced by chlorination of biphenyl, noted primarily as an environmental pollutant that accumulates in animal tissue with resultant pathogenic and teratogenic effects**
	Dioxin/dibenzofuran compounds (see notes at bottom)						**A family of more than 70 compounds of chlorinated dioxins or furans. (Examples: Dioxin; Furan; Dioxin TEQ; PCDD; PCDF; TCDD; TCDF; OCDD; OCDF). *Do not use for 'dibenzofuran', which is a non-chlorinated compound that is detected using the semivolatile organics analysis 8270***
Metals	Metals - Other						Metals other than arsenic, lead, or mercury. (Examples: cadmium, antimony, zinc, copper, silver)
	Lead						Lead
	Mercury						Mercury

CONTAMINANT GROUP	CONTAMINANT	SOIL	GROUNDWATER	SURFACE WATER	AIR	BEDROCK	DESCRIPTION
	Arsenic						Arsenic
Pesticides	Non-halogenated pesticides						Pesticides without halogens (Examples: parathion, malathion, diazinon, phosmet, carbaryl (sevin), fenoxycarb, aldicarb)
	Halogenated pesticides						Pesticides with halogens (Examples: DDT; DDE; Chlordane; Heptachlor; alpha-beta and delta BHC; Aldrin; Endosulfan, dieldrin, endrin)
Other Contaminants	Radioactive Wastes						Wastes that emit more than background levels of radiation.
	Conventional Contaminants, Organic						Unspecified organic matter that imposes an oxygen demand during its decomposition (Example: Total Organic Carbon)
	Conventional Contaminants, Inorganic						Non-metallic inorganic substances or indicator parameters that may indicate the existence of contamination if present at unusual levels (Examples: Sulfides, ammonia)
	Asbestos						All forms of Asbestos. Asbestos fibers have been used in products such as building materials, friction products and heat-resistant materials.
	Other Deleterious Substances						Other contaminants or substances that cause subtle or unexpected harm to sediments (Examples: Wood debris; garbage (e.g., dumped in sediments))
	Benthic Failures						Failures of the benthic analysis standards from the Sediment Management Standards.
	Bioassay Failures						For sediments, a failure to meet bioassay criteria from the Sediment Management Standards. For soils, a failure to meet TEE bioassay criteria for plant, animal or soil biota toxicity.
Reactive Wastes	Unexploded Ordinance						Weapons that failed to detonate or discarded shells containing volatile material.
	Other Reactive Wastes						Other Reactive Wastes (Examples: phosphorous, lithium metal, sodium metal)
	Corrosive Wastes						Corrosive wastes are acidic or alkaline (basic) wastes that can readily corrode or dissolve materials they come into contact with. Wastes that are highly corrosive as defined by the Dangerous Waste Regulation (WAC 173-303-090(6)). (Examples: Hydrochloric acid; sulfuric acid; caustic soda)

Status choices for contaminants	
Contaminant Status	**Definition**
B - Below Cleanup Levels (Confirmed)	The contaminant was tested and found to be below cleanup levels. (Generally, we would not enter each and every contaminant that was tested; for example if an SVOC analysis was done we would not enter each SVOC with a status of "below". We would use this for contaminants that were believed likely to be present but were found to be below standards when tested
S - Suspected	The contaminant is suspected to be present; based on some knowledge about the history of the site, knowledge of regional contaminants, or based on other contaminants known to be present
C - Confirmed Above Cleanup Levels	The contaminant is confirmed to be present above any cleanup level. For example - above MTCA method A, B, or C; above Sediment Quality Standards; or above a presumed site-specific cleanup level (such as human health criteria for a sediment contaminant).
RA - Remediated - Above	The contaminant was remediated, but remains on site above the cleanup standards (for example - capped area).
RB - Remediated - Below	The contaminant was remediated, and no area of the site contains this contaminant above cleanup standards (for example - complete removal of contaminated soils).

Halogenated chemicals and solvents: Any chemical compound with chloro, bromo, iodo or fluoro is halogenated; those with eight or fewer carbons are generally solvents (e.g. halogenated methane, ethane, propane, butane, pentane, hexane, heptane or octane) and may also be used for or registered as pesticides or fumigants. Most are dangerous wastes, either listed or categorical. Organic compounds with more carbons are almost always halogenated pesticides or a contaminant or derivitive. Referral to the HSDB is recommended you are unfamiliar with a chemical name or compound, as it contains useful information about synonyms, uses, trade names, waste codes, and other regulatory information about most toxic or potentially toxic chemicals.

Widener & Associates Transportation & Environmental Planning

DGK Inc. 1902 120th Place SE Suite 202 Everett, WA 98208-9262 Tel (425)-332-3961

October 18, 2018

Stacie Kelsey
WSDOT Local Programs
Olympic Region
PO Box 47440
Olympia, WA 98504-7440

Contaminated Soils Removal
I-5 / Port of Tacoma Road Interchange Improvements
City of Fife

Dear Stacie,

On the I-5 / Port of Tacoma Rd. Interchange Improvements project site concentrations of contaminated soil above MTCA cleanup levels within a biofiltration swale/regulated wetland running along the northwest side of the I-5 South off ramp ditch, were found. The location of contamination is part of a biofiltration swale which dates back to the original Port of Tacoma Rd. interchange construction. The biofiltration swale is also in a wetland as of a November 10, 2008 WSDOT prepared wetland delineation, a delineation which has also been reconfirmed by Widener & Associates as of April 2016. The biofiltration swale/wetland was designed to treat stormwater runoff from the southbound I-5 prior to discharge from the highway right of way. Currently the biofiltration swale/wetland is regulated by Ecology and the U.S. Army Corp. Of the seven institute soil samples taken from the area on August 8, 2018, five of the results came back with high levels of diesel range organics and heavy oil. While this area does have soil sample concentrations below the MTCA Method A cleanup level, the five adjacent samples show levels above the 2000 mg/kg diesel range organics and heavy oils Method A clean up level for unrestricted land uses as listed in the MTCA Table 740-1. Therefore, on August 29, 2018, the Tacoma-Pierce County Health Department permitted the excavation and hauling of 1000 cubic tons of contaminated material to the LRI Landfill in Eatonville, WA (See Appendix A for WDA Authorization and Application Packet).

On August 23, 2018 the boundaries of contamination were staked out in the field and on September 18, 2018, excavation and hauling of the contaminated material began. A representative from Widener & Associates who is familiar with petroleum contamination was on-site during excavation activities. All soils showing visual or olfactory cues indicating potential petroleum contamination were pointed out to the contractor, excavated and hauled off to the LRI Landfill by Tunisia trucking.

Photo 1: Staking locations of contaminated soil boundaries.

Photo 2: Excavation of contaminated soil from the biofiltration swale/regulated wetland along the I-5 South off ramp.

After contaminated soil was excavated, approximately three to four feet down and removed, five additional soil samples were taken to verify that all contaminated material was hauled off. See Appendix B for the full-size non-detect soil sample locations map along with the Spectra report of the test results. These five soil samples were only analyzed for diesel range organics and heavy oil since these were the analysis which

originally tested above MTCA Method A cleanup standards (See Table 1 for summary of all the test result data). Photo 3 provides a location map for both sets of soil samples. The contaminated samples testing above MTCA Method A clean up standards and the second set of samples taken after the contaminated soil was removed.

Table 1: Soil Sample Test Results of Remaining Soil After Excavation of Contaminated Soil

Analyte	ED Clean 1	ED Clean 2	ED Clean 3	ED Clean 4	ED Clean 5
Diesel	<10 mg/Kg	<10 mg/Kg	<10 mg/Kg	<10 mg/Kg	<10 mg/Kg
Oil	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg
Gasoline	<5 mg/Kg	<5 mg/Kg	<5 mg/Kg	<5 mg/Kg	<5 mg/Kg
HCID- Oil	<100 mg/Kg	<100 mg/Kg	<100 mg/Kg	<100 mg/Kg	<100 mg/Kg
HICD-Diesel	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg	<50 mg/Kg

Photo 3: Soil sample locations for contaminated soils tested before and after removal.

The remaining exposed soils within the biofiltration swale/wetland were then covered with two to three feet of quarry spalls, for final stabilization and erosion control over the winter.

Photo 4: Backfilling the excavated contamination areas with quarry spalls.

Based on the best professional judgement of Widener and Associates, this memorandum documents the appropriate level of clean up necessary to have reasonably mitigated for the contamination found within the project site. If any additional information is needed please contact Jordan Widener at (510) 725-2291.

Sincerely,

Jordan Widener
Widener & Associates

Appendix A – WDA Authorization and Application Packet

$165.00

Tacoma - Pierce County
Health Department
Healthy People in Healthy Communities
www.tpchd.org

No. 2255

WASTE DISPOSAL AUTHORIZATION

(XX) Non-Asbestos (XX) New
( ) Asbestos (PSCAA Case # _____) ( ) Renewal

A. Generator Name: WSDOT– Port of Tacoma Road Project
B. Generator Address: Port of Tacoma Road near I-5 South bound ramp, Fife, WA
C. Transporter Name: Tunista
D. Technical Contact: Jordan Widener, Widener & Associates Phone: 510-725-2291
E. Waste Description: Petroleum Contaminated Soil
( ) Sludge (XX) Solid (XX) PCS ( ) Other
F. Authorized Quantity: **1000 Tons**
G. **Actual Quantity (Filled in upon disposal):** _____
H. Multiple Loads: (XX) Yes ( ) No
I. Dates of Disposal: August 28, 2018 through December 31, 2018
J. Testing: TPH; VOC's, Semi VOC's, TCLP & Total Metals; PCB's; pH; paint filter test
K. Reviewed by Department of Ecology: ( ) Yes (XX) No
L. Disposal/Transportation Requirements: **A copy of this WDA must be transported with EACH load of waste and presented to the LRI Landfill Scalehouse Operator. Soils that are not suitable for use as daily cover and shall be directly buried (disposed of) in the landfill. Loads shall be covered during transport to the landfill to prevent fugitive emissions of contaminated soils. Load sizes shall comply with conditional-use and solid waste permit criteria.**
M. Facility: (XX) **LRI Landfill (304th Street LF), 30919 Meridian Street, Eatonville, WA**

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

08/29/18 Technical Contact
Date Title Signature

APPROVED

AUTHORIZED BY:

Dan Watts

Dan Watts, TPCHD 253-798-3512

AUG 28 2018

TACOMA-PIERCE COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH DIV.
For Official Use Only

Cc. LRI LF Scalehouse via Fax – 253 875 7205

Waste Disposal Authorization Application

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

We require the information below to determine if this waste is acceptable for disposal at the City of Tacoma Landfill, the LRI Landfill, the Wm Dickson Waller Road Landfill, or other permitted solid waste facilities. It is unlikely that you will be able to respond in the space provided. Feel free to modify the format or address the information on additional pages. Include all the information requested below and email, fax or mail to:

Date 08/27/18	Email ehsolidwaste@tpchd.org Fax (253) 798-6498 Tacoma-Pierce County Health Department 3629 South D Street MS 1045 Waste Management Tacoma, WA 98418-6813
Site/Generator Name Port of Tacoma Road Interchange Project / WSDOT	
Site Owner Name WSDOT	

Describe the location where the waste originated (site address, physical location, company name, project name, etc.)

The contaminated sediment is from a section of a biofiltration swale/regulated wetland, along the I-5 south bond off ramp adjacent to Jack-in-the Box along Pacific Hwy E

Transporter Name

Tunista

Technical Contact/Consultant Name

Jordan Widener

Proposed Solid Waste Disposal/Treatment Facility

LRI Landfill

Describe the site history (if applicable).

The site is part of a biofiltration swale which dates back to the original Interchange construction. The biofiltration swale is also in a wetland as of a Nov. 10th, 2008 WSDOT prepared wetland delineation, a delineation which has also been reconfirmed by Widener & Associates as of April, 2016. The biofiltration swale/wetland was designed to treat stormwater runoff from southbound I-5 prior to discharge from the highway right of way. Currently the biofiltration swale/wetland is regulated by Ecology and the U.S. Army Corp.

Describe the source of the waste, or how the waste is generated.

The source of the waste sediment is from a engineered biofiltration swale, which has also been classified as a wetland as of a Nov. 10th, 2008 WSDOT prepared wetland delineation. This delineation was reconfirmed by Widener & Associates April of 2016. Sediments from the biofiltration swale/wetland which have trapped contaminates, are being removed to decommission a portion of the biofiltration swale and replace it with a culverted conveyance to accommodate interchange reconstruction.

Projected Quantity or Volume of Waste (tons or cubic yards generated per month, quarter, year, once, etc.)

One time disposal of 500 or less cubic yards of soils.

Describe the sampling method(s) and/or submit a sampling plan.

Institute samples were taken according to the number of samples recommended by the table found in the WDA Required Analysis/Analysis Conducted form. See attached PDF graphics which provide an areal view of the sampled locations which tested below MTCA clean up standards and the samples which tested above MTCA clean up standards.

Waste Disposal Authorization Application

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

Describe and justify the number of samples per volume of waste. It is the number of samples dictated by the volume of waste found in the table on the WDA Required Analysis/Analysis Conducted form.
Describe and justify the parameters selected for analysis. It is the analysis listed on the WDA Required Analysis/Analysis Conducted form.

Please attach or enclose:

- analytical results
- chain of custody forms
- a sampling plan
- any other documents relevant to the review of the site, facility and/or waste being characterized

By my signature below, I certify that the information presented in this application is true and complete to the best of my knowledge.

Applicant Name Jordan Widener	**Applicant Title** Environmental Consultant
Applicant Signature 	**Date** 08/21/18
Company Name Widener & Associates	**Company Address** 1902 120th Pl SE, Everett, WA 98208
Phone Number 510-725-2291	**Fax Number**
Email Address jordancw@prodigy.net	

Waste Disposal Authorization
Required Analysis/Analysis Conducted

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

Date _08/21/18___ Site/Generator Name __Port of Tacoma Road Interchange Project / WSDOT_

Description of Waste ___Soil Matrix_____

Analytical results must be submitted to Tacoma-Pierce County Health Department's Waste Management Program prior to disposal of waste at a permitted solid waste facility located in Pierce County. The number of samples is dictated by the volume of waste and can be found in the table below.

VOLUME (cubic yards)	NUMBER OF SAMPLES
0 - 25	2
26 – 100	3
101 – 500	5
501 - 1000	7
1001 – 2000	10
One (1) additional sample for every 500 cubic yards of material over 2000 cubic yards.	

The parameter(s) and analytical method(s) indicated below are required.

PARAMETER	ANALYTICAL METHOD	YES/NO	SAMPLE TYPE
Total Metals (RCRA 8)	EPA #6010	Yes	soil
TCLP Metals (RCRA 8)	EPA #1311/6010	Yes	soil
Total Petroleum Hydrocarbons	WTPH-HCID, WTPH-G, WTPH-D, WTPH-418.1 Modified, WTPH-G or WTPH-D Extended	Yes	soil
Volatile Organics	EPA #8010 (Halogenated), 8020 (BTEX), 8240	Yes	soil
Semi-volatile Organics	EPA #8270, 8310 (PAH's)	Yes	soil
PCB's	EPA #8080, 8140	Yes	soil
TCLP Volatiles & Semi		No	
Paint Filter Test	EPA #9095	Yes	soil
pH	EPA #9040, 9045 (soil)	Yes	soil

Forward analytical results to:

Tacoma-Pierce County Health Department
Waste Management Program
3629 South D Street MS 1045
Tacoma, WA 98418

Email ehsolidwaste@tpchd.org
Fax (253) 798-6498

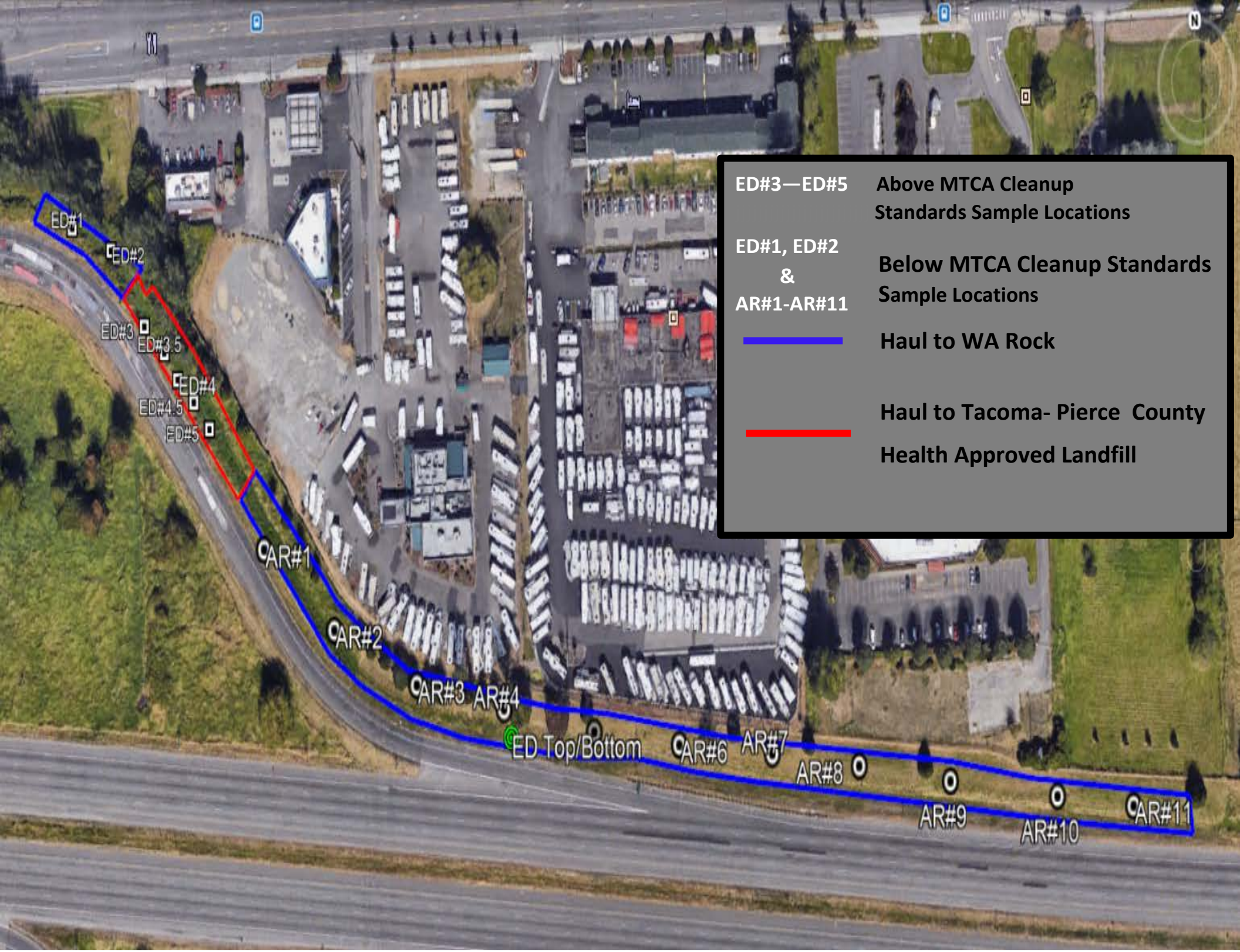
ED#1
ED#2
ED#3
ED#3.5
ED#4
ED#4.5
ED#5
AR#1
AR#2
AR#3
AR#4
ED Top/Bottom
AR#6
AR#7
AR#8
AR#9
AR#10
AR#11
ED#3—ED#5
Above MTCA Cleanup Standards Sample Locations
ED#1, ED#2 & AR#1-AR#11
Below MTCA Cleanup Standards Sample Locations
Haul to WA Rock
Haul to Tacoma- Pierce County Health Approved Landfill

Diesel and Heavy Oil Test Results & Sample Locations

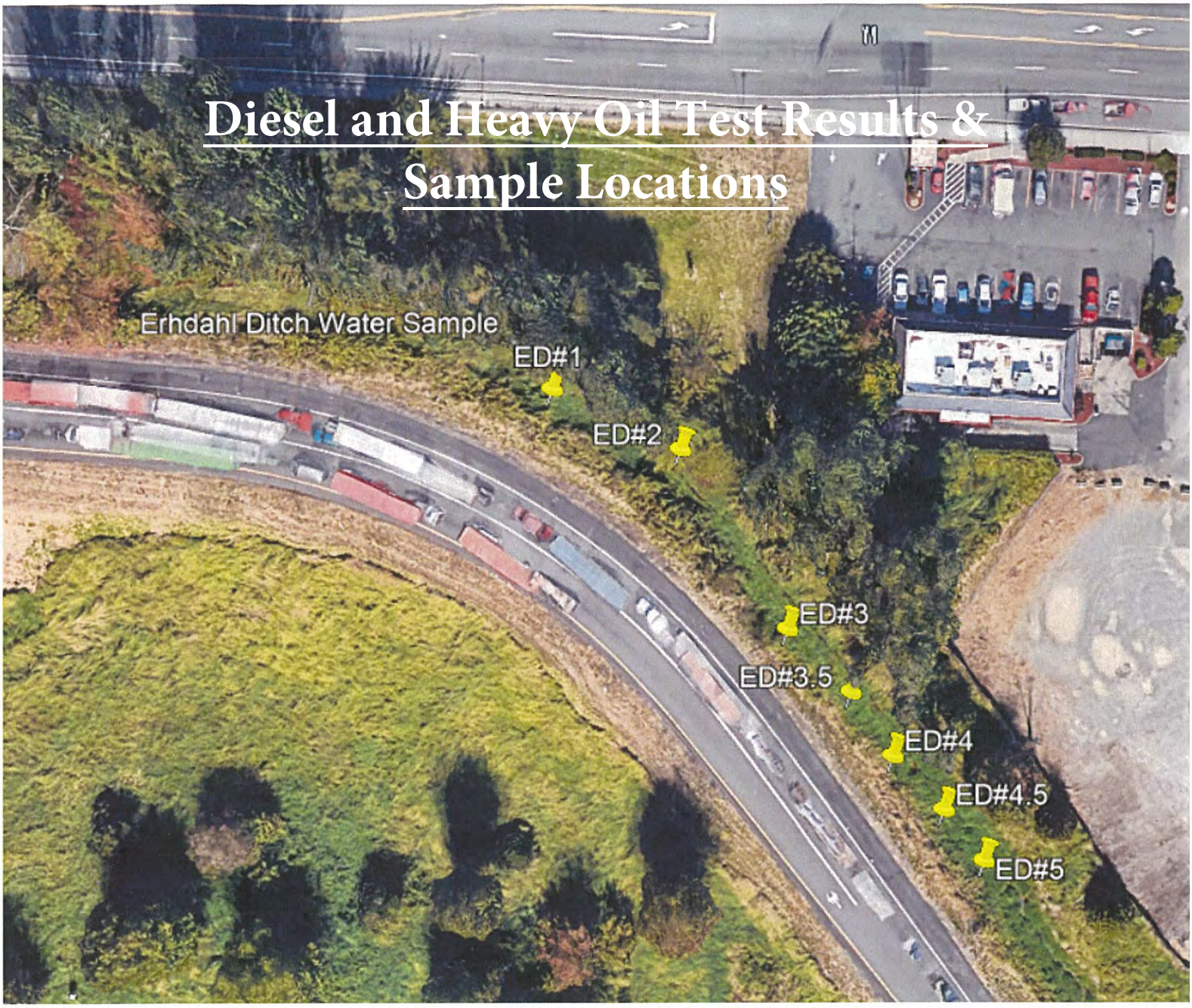

ED#1 — Diesel: 41.3 Heavy Oil: 861

ED#2 — Diesel: 117 Heavy Oil: 1,830

ED#3 — Diesel: 1,690 Heavy Oil: 11,000

ED#3.5 — Diesel: 49.5 Heavy Oil: 439

ED#4 — Diesel: 576 Heavy Oil: 6,500

ED#4.5 — Diesel: 474 Heavy Oil: 4,740

ED#5 — Diesel: 51.3 Heavy Oil: 2,620

Parts Per Million

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Widener & Associates
Jordan Widener
10108 32nd Ave W
Everett, WA 98204

RE: POT Rd. Interchange
Work Order Number: 1808113

August 20, 2018

Attention Jordan Widener:

Fremont Analytical, Inc. received 8 sample(s) on 8/9/2018 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Mercury (SW7470) with TCLP Extraction (EPA 1311)
Mercury by EPA Method 7471
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)
Paint Filter by EPA Method 9095B
pH by EPA Method 9045
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Semi-Volatile Organic Compounds by EPA Method 8270
SVOC (SW8270) with TCLP Extraction (EPA 1311)
Total Metals by EPA Method 6020
Volatile Organic Compounds by EPA Method 8260C
Volatile Organic Compounds by SW8260/TCLP ZHE

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

DoD/ELAP Certification #L17-135, ISO/IEC 17025:2005
ORELAP Certification: WA 100009-007 (NELAP Recognized)

Chelsea Ward
Project Manager

Date: *08/20/2018*

CLIENT: Widener & Associates
Project: POT Rd. Interchange
Work Order: 1808113

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1808113-001	ED #1	08/09/2018 9:02 AM	08/09/2018 3:31 PM
1808113-002	ED #2	08/09/2018 9:20 AM	08/09/2018 3:31 PM
1808113-003	ED #3	08/09/2018 9:28 AM	08/09/2018 3:31 PM
1808113-004	ED #3.5	08/09/2018 10:17 AM	08/09/2018 3:31 PM
1808113-005	ED #4	08/09/2018 9:33 AM	08/09/2018 3:31 PM
1808113-006	ED #4.5	08/09/2018 10:11 AM	08/09/2018 3:31 PM
1808113-007	ED #5	08/09/2018 10:05 AM	08/09/2018 3:31 PM
1808113-008	Trip Blank	08/08/2018 5:44 PM	08/09/2018 3:31 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **1808113**

Date: **8/20/2018**

CLIENT: Widener & Associates

Project: POT Rd. Interchange

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-002A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-002A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-001A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-001A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-003A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-003A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-004A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-004A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-005A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-005A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-006A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-006A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-007A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (1808113-007A) required Florisil Cleanup Procedure (Using Method No 3620C).

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1221	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1232	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1242	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1248	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1254	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1260	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1262	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Aroclor 1268	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Total PCBs	ND	0.194		mg/Kg-dry	1	8/10/2018 7:06:36 PM
Surr: Decachlorobiphenyl	94.1	30.8 - 168		%Rec	1	8/10/2018 7:06:36 PM
Surr: Tetrachloro-m-xylene	79.2	30.3 - 157		%Rec	1	8/10/2018 7:06:36 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	36.3		mg/Kg-dry	1	8/11/2018 1:17:05 AM
Diesel Range Organics (C12-C24)	41.3	36.3		mg/Kg-dry	1	8/11/2018 1:17:05 AM
Heavy Oil	861	90.6		mg/Kg-dry	1	8/11/2018 1:17:05 AM
Surr: 2-Fluorobiphenyl	70.7	50 - 150		%Rec	1	8/11/2018 1:17:05 AM
Surr: o-Terphenyl	85.1	50 - 150		%Rec	1	8/11/2018 1:17:05 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Bis(2-chloroethyl) ether	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Chlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,3-Dichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,4-Dichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,2-Dichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzyl alcohol	ND	190	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Methylphenol (o-cresol)	ND	190	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachloroethane	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
N-Nitrosodi-n-propylamine	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Nitrobenzene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Isophorone	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
3&4-Methylphenol (m, p-cresol)	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Nitrophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	190	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
Bis(2-chloroethoxy)methane	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4-Dichlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1,2,4-Trichlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Naphthalene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Chloroaniline	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachlorobutadiene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Chloro-3-methylphenol	ND	379	Q	µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Methylnaphthalene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
1-Methylnaphthalene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachlorocyclopentadiene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4,6-Trichlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4,5-Trichlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Chloronaphthalene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2-Nitroaniline	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Acenaphthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Dimethylphthalate	531	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,6-Dinitrotoluene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Acenaphthylene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4-Dinitrophenol	ND	995		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Dibenzofuran	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
2,4-Dinitrotoluene	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Nitrophenol	ND	948		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Fluorene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Chlorophenyl phenyl ether	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Diethylphthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4,6-Dinitro-2-methylphenol	ND	379		µg/Kg-dry	1	8/13/2018 3:13:22 PM
4-Bromophenyl phenyl ether	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Hexachlorobenzene	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Pentachlorophenol	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Phenanthrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Anthracene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Carbazole	ND	142		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Di-n-butylphthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Fluoranthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Pyrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Butyl Benzylphthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
bis(2-Ethylhexyl)adipate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benz(a)anthracene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
bis (2-Ethylhexyl) phthalate	380	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Di-n-octyl phthalate	ND	190		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(b)fluoranthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(k)fluoranthene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(a)pyrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Indeno(1,2,3-cd)pyrene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Dibenz(a,h)anthracene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Benzo(g,h,i)perylene	ND	94.8		µg/Kg-dry	1	8/13/2018 3:13:22 PM
Surr: 2,4,6-Tribromophenol	121	14.8 - 165		%Rec	1	8/13/2018 3:13:22 PM
Surr: 2-Fluorobiphenyl	75.0	17.8 - 151		%Rec	1	8/13/2018 3:13:22 PM
Surr: Nitrobenzene-d5	70.0	12.5 - 163		%Rec	1	8/13/2018 3:13:22 PM
Surr: Phenol-d6	86.5	11.6 - 133		%Rec	1	8/13/2018 3:13:22 PM
Surr: p-Terphenyl	111	22 - 176		%Rec	1	8/13/2018 3:13:22 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2-Chlorophenol	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
1,3-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
1,4-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
1,2-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Benzyl alcohol	ND	1.01	Q	µg/L	1	8/16/2018 6:08:55 PM
Bis(2-chloroethyl) ether	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2-Methylphenol (o-cresol)	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Hexachloroethane	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
N-Nitrosodi-n-propylamine	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Nitrobenzene	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
Isophorone	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
3&4-Methylphenol (m, p-cresol)	ND	1.01	Q*	µg/L	1	8/16/2018 6:08:55 PM
2-Nitrophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dimethylphenol	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Bis(2-chloroethoxy)methane	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dichlorophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
1,2,4-Trichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Naphthalene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
4-Chloroaniline	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
4-Chloro-3-methylphenol	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
2-Methylnaphthalene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
1-Methylnaphthalene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Hexachlorocyclopentadiene	ND	1.01	Q	µg/L	1	8/16/2018 6:08:55 PM
2,4,6-Trichlorophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2,4,5-Trichlorophenol	ND	2.02		µg/L	1	8/16/2018 6:08:55 PM
2-Chloronaphthalene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2-Nitroaniline	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
Acenaphthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Dimethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2,6-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Acenaphthylene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dinitrophenol	ND	2.02	Q*	µg/L	1	8/16/2018 6:08:55 PM
Dibenzofuran	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
2,4-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
4-Nitrophenol	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
Fluorene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
4-Chlorophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Diethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
4,6-Dinitro-2-methylphenol	ND	5.05	Q*	µg/L	1	8/16/2018 6:08:55 PM
4-Bromophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Hexachlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Pentachlorophenol	ND	2.02	Q	µg/L	1	8/16/2018 6:08:55 PM
Phenanthrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Anthracene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Carbazole	ND	5.05		µg/L	1	8/16/2018 6:08:55 PM
Di-n-butyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Fluoranthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Pyrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzyl Butylphthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
bis(2-Ethylhexyl)adipate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Benz(a)anthracene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Chrysene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Bis(2-ethylhexyl) phthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Di-n-octyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:08:55 PM
Benzo(b)fluoranthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzo(k)fluoranthene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzo(a)pyrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Dibenz(a,h)anthracene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Benzo(g,h,i)perylene	ND	0.505		µg/L	1	8/16/2018 6:08:55 PM
Surr: 2,4,6-Tribromophenol	125	18 - 139		%Rec	1	8/16/2018 6:08:55 PM
Surr: 2-Fluorobiphenyl	81.8	35 - 136		%Rec	1	8/16/2018 6:08:55 PM
Surr: Nitrobenzene-d5	64.5	34.7 - 136		%Rec	1	8/16/2018 6:08:55 PM
Surr: Phenol-d6	23.0	10 - 103		%Rec	1	8/16/2018 6:08:55 PM
Surr: p-Terphenyl	89.6	23.5 - 156		%Rec	1	8/16/2018 6:08:55 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	6.07		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Surr: Toluene-d8	96.4	65 - 135		%Rec	1	8/11/2018 8:55:39 AM
Surr: 4-Bromofluorobenzene	96.7	65 - 135		%Rec	1	8/11/2018 8:55:39 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chloromethane	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Vinyl chloride	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Bromomethane	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Trichlorofluoromethane (CFC-11)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chloroethane	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1-Dichloroethene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Methylene chloride	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
trans-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1-Dichloroethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
2,2-Dichloropropane	ND	0.121	Q	mg/Kg-dry	1	8/11/2018 8:55:39 AM
cis-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chloroform	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,1-Trichloroethane (TCA)	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1-Dichloropropene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Carbon tetrachloride	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dichloroethane (EDC)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Trichloroethene (TCE)	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dichloropropane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Bromodichloromethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Dibromomethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
cis-1,3-Dichloropropene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
trans-1,3-Dichloropropylene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,2-Trichloroethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,3-Dichloropropane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Tetrachloroethene (PCE)	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Dibromochloromethane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dibromoethane (EDB)	ND	0.00607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Chlorobenzene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,1,2-Tetrachloroethane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Bromoform	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,1,2,2-Tetrachloroethane	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Bromobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
2-Chlorotoluene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
4-Chlorotoluene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2,3-Trichloropropane	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2,4-Trichlorobenzene	ND	0.0304		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,3-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,4-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2-Dibromo-3-chloropropane	ND	0.607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Hexachloro-1,3-butadiene	ND	0.0607		mg/Kg-dry	1	8/11/2018 8:55:39 AM
1,2,3-Trichlorobenzene	ND	0.0243		mg/Kg-dry	1	8/11/2018 8:55:39 AM
Surr: Dibromofluoromethane	94.2	56.5 - 129		%Rec	1	8/11/2018 8:55:39 AM
Surr: Toluene-d8	90.9	64.5 - 151		%Rec	1	8/11/2018 8:55:39 AM
Surr: 1-Bromo-4-fluorobenzene	95.4	54.8 - 168		%Rec	1	8/11/2018 8:55:39 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 2:27:41 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 2:27:41 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1-Dichloroethane	5.63	10.0	B JD	µg/L	10	8/17/2018 2:27:41 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Toluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 2:27:41 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 2:27:41 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 2:27:41 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 2:27:41 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 2:27:41 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 2:27:41 AM
Surr: Dibromofluoromethane	102	33.3 - 161	D	%Rec	10	8/17/2018 2:27:41 AM
Surr: Toluene-d8	107	67.3 - 147	D	%Rec	10	8/17/2018 2:27:41 AM
Surr: 4-Bromofluorobenzene	95.5	59.3 - 164	D	%Rec	10	8/17/2018 2:27:41 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.499		mg/Kg-dry	1	8/10/2018 8:32:08 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 4:42:21 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	15.6	0.376		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Barium	179	0.753		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Cadmium	1.93	0.301		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Chromium	33.0	0.151		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Lead	47.8	0.301		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Selenium	1.29	0.753		mg/Kg-dry	1	8/10/2018 1:57:36 PM
Silver	0.176	0.151		mg/Kg-dry	1	8/10/2018 1:57:36 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:02:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-001
Matrix: Soil
Client Sample ID: **ED #1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 1:37:20 PM
Barium	0.659	0.500		mg/L	1	8/14/2018 1:37:20 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 1:37:20 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 1:37:20 PM
Lead	ND	0.200		mg/L	1	8/14/2018 1:37:20 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 1:37:20 PM
Silver	ND	0.200		mg/L	1	8/14/2018 1:37:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	51.9			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.89			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1221	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1232	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1242	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1248	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1254	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1260	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1262	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Aroclor 1268	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Total PCBs	ND	0.170		mg/Kg-dry	1	8/10/2018 6:21:39 PM
Surr: Decachlorobiphenyl	90.9	30.8 - 168		%Rec	1	8/10/2018 6:21:39 PM
Surr: Tetrachloro-m-xylene	80.8	30.3 - 157		%Rec	1	8/10/2018 6:21:39 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21575		Analyst: SB
Diesel (Fuel Oil)	ND	37.2		mg/Kg-dry	1	8/13/2018 2:56:19 PM
Diesel Range Organics (C12-C24)	117	37.2		mg/Kg-dry	1	8/13/2018 2:56:19 PM
Heavy Oil	1,830	93.0		mg/Kg-dry	1	8/13/2018 2:56:19 PM
Surr: 2-Fluorobiphenyl	52.3	50 - 150		%Rec	1	8/13/2018 2:56:19 PM
Surr: o-Terphenyl	58.8	50 - 150		%Rec	1	8/13/2018 2:56:19 PM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Bis(2-chloroethyl) ether	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Chlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,3-Dichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,4-Dichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,2-Dichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzyl alcohol	ND	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Methylphenol (o-cresol)	ND	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachloroethane	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
N-Nitrosodi-n-propylamine	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Nitrobenzene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Isophorone	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
3&4-Methylphenol (m, p-cresol)	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Nitrophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
Bis(2-chloroethoxy)methane	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4-Dichlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1,2,4-Trichlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Naphthalene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Chloroaniline	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachlorobutadiene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Chloro-3-methylphenol	ND	353	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Methylnaphthalene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
1-Methylnaphthalene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachlorocyclopentadiene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4,6-Trichlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4,5-Trichlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Chloronaphthalene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2-Nitroaniline	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Acenaphthene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Dimethylphthalate	816	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,6-Dinitrotoluene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Acenaphthylene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4-Dinitrophenol	ND	927		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Dibenzofuran	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
2,4-Dinitrotoluene	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Nitrophenol	ND	883		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Fluorene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Chlorophenyl phenyl ether	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Diethylphthalate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4,6-Dinitro-2-methylphenol	ND	353		µg/Kg-dry	1	8/13/2018 3:36:12 PM
4-Bromophenyl phenyl ether	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Hexachlorobenzene	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Pentachlorophenol	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Phenanthrene	286	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Anthracene	ND	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Carbazole	ND	132		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Di-n-butylphthalate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Fluoranthene	693	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Pyrene	691	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Butyl Benzylphthalate	220	177	Q	µg/Kg-dry	1	8/13/2018 3:36:12 PM
bis(2-Ethylhexyl)adipate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benz(a)anthracene	311	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	449	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
bis (2-Ethylhexyl) phthalate	5,250	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Di-n-octyl phthalate	ND	177		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(b)fluoranthene	438	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(k)fluoranthene	375	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(a)pyrene	373	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Indeno(1,2,3-cd)pyrene	275	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Dibenz(a,h)anthracene	131	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Benzo(g,h,i)perylene	443	88.3		µg/Kg-dry	1	8/13/2018 3:36:12 PM
Surr: 2,4,6-Tribromophenol	125	14.8 - 165		%Rec	1	8/13/2018 3:36:12 PM
Surr: 2-Fluorobiphenyl	99.4	17.8 - 151		%Rec	1	8/13/2018 3:36:12 PM
Surr: Nitrobenzene-d5	85.2	12.5 - 163		%Rec	1	8/13/2018 3:36:12 PM
Surr: Phenol-d6	103	11.6 - 133		%Rec	1	8/13/2018 3:36:12 PM
Surr: p-Terphenyl	123	22 - 176		%Rec	1	8/13/2018 3:36:12 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2-Chlorophenol	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
1,3-Dichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
1,4-Dichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
1,2-Dichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Benzyl alcohol	ND	1.04	Q	µg/L	1	8/16/2018 6:31:11 PM
Bis(2-chloroethyl) ether	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2-Methylphenol (o-cresol)	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Hexachloroethane	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
N-Nitrosodi-n-propylamine	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Nitrobenzene	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
Isophorone	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
3&4-Methylphenol (m, p-cresol)	ND	1.04	Q*	µg/L	1	8/16/2018 6:31:11 PM
2-Nitrophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dimethylphenol	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Bis(2-chloroethoxy)methane	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dichlorophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
1,2,4-Trichlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Naphthalene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
4-Chloroaniline	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
4-Chloro-3-methylphenol	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
2-Methylnaphthalene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
1-Methylnaphthalene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Hexachlorocyclopentadiene	ND	1.04	Q	µg/L	1	8/16/2018 6:31:11 PM
2,4,6-Trichlorophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2,4,5-Trichlorophenol	ND	2.08		µg/L	1	8/16/2018 6:31:11 PM
2-Chloronaphthalene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2-Nitroaniline	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
Acenaphthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Dimethylphthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2,6-Dinitrotoluene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Acenaphthylene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dinitrophenol	ND	2.08	Q*	µg/L	1	8/16/2018 6:31:11 PM
Dibenzofuran	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
2,4-Dinitrotoluene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
4-Nitrophenol	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
Fluorene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
4-Chlorophenyl phenyl ether	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Diethylphthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
4,6-Dinitro-2-methylphenol	ND	5.21	Q*	µg/L	1	8/16/2018 6:31:11 PM
4-Bromophenyl phenyl ether	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Hexachlorobenzene	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Pentachlorophenol	ND	2.08	Q	µg/L	1	8/16/2018 6:31:11 PM
Phenanthrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Anthracene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Carbazole	ND	5.21		µg/L	1	8/16/2018 6:31:11 PM
Di-n-butyl phthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Fluoranthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Pyrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzyl Butylphthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
bis(2-Ethylhexyl)adipate	1.08	1.04		µg/L	1	8/16/2018 6:31:11 PM
Benz(a)anthracene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Chrysene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Bis(2-ethylhexyl) phthalate	3.14	1.04		µg/L	1	8/16/2018 6:31:11 PM
Di-n-octyl phthalate	ND	1.04		µg/L	1	8/16/2018 6:31:11 PM
Benzo(b)fluoranthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzo(k)fluoranthene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzo(a)pyrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Dibenz(a,h)anthracene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Benzo(g,h,i)perylene	ND	0.521		µg/L	1	8/16/2018 6:31:11 PM
Surr: 2,4,6-Tribromophenol	143	18 - 139	S	%Rec	1	8/16/2018 6:31:11 PM
Surr: 2-Fluorobiphenyl	84.3	35 - 136		%Rec	1	8/16/2018 6:31:11 PM
Surr: Nitrobenzene-d5	68.4	34.7 - 136		%Rec	1	8/16/2018 6:31:11 PM
Surr: Phenol-d6	25.3	10 - 103		%Rec	1	8/16/2018 6:31:11 PM
Surr: p-Terphenyl	113	23.5 - 156		%Rec	1	8/16/2018 6:31:11 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	6.40		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Surr: Toluene-d8	98.3	65 - 135		%Rec	1	8/11/2018 9:26:16 AM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	8/11/2018 9:26:16 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chloromethane	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Vinyl chloride	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromomethane	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Trichlorofluoromethane (CFC-11)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chloroethane	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1-Dichloroethene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Methylene chloride	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
trans-1,2-Dichloroethene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1-Dichloroethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
2,2-Dichloropropane	ND	0.128	Q	mg/Kg-dry	1	8/11/2018 9:26:16 AM
cis-1,2-Dichloroethene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chloroform	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,1-Trichloroethane (TCA)	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1-Dichloropropene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Carbon tetrachloride	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dichloroethane (EDC)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Trichloroethene (TCE)	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromodichloromethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Dibromomethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
cis-1,3-Dichloropropene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
trans-1,3-Dichloropropylene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,2-Trichloroethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,3-Dichloropropane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Tetrachloroethene (PCE)	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Dibromochloromethane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dibromoethane (EDB)	ND	0.00640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Chlorobenzene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,1,2-Tetrachloroethane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromoform	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,1,2,2-Tetrachloroethane	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Bromobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
2-Chlorotoluene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
4-Chlorotoluene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2,3-Trichloropropane	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2,4-Trichlorobenzene	ND	0.0320		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,3-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,4-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2-Dibromo-3-chloropropane	ND	0.640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Hexachloro-1,3-butadiene	ND	0.0640		mg/Kg-dry	1	8/11/2018 9:26:16 AM
1,2,3-Trichlorobenzene	ND	0.0256		mg/Kg-dry	1	8/11/2018 9:26:16 AM
Surr: Dibromofluoromethane	94.8	56.5 - 129		%Rec	1	8/11/2018 9:26:16 AM
Surr: Toluene-d8	90.3	64.5 - 151		%Rec	1	8/11/2018 9:26:16 AM
Surr: 1-Bromo-4-fluorobenzene	100	54.8 - 168		%Rec	1	8/11/2018 9:26:16 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 2:57:42 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 2:57:42 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1-Dichloroethane	7.13	10.0	B JD	µg/L	10	8/17/2018 2:57:42 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Toluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 2:57:42 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 2:57:42 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 2:57:42 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 2:57:42 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 2:57:42 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 2:57:42 AM
Surr: Dibromofluoromethane	99.6	33.3 - 161	D	%Rec	10	8/17/2018 2:57:42 AM
Surr: Toluene-d8	103	67.3 - 147	D	%Rec	10	8/17/2018 2:57:42 AM
Surr: 4-Bromofluorobenzene	96.8	59.3 - 164	D	%Rec	10	8/17/2018 2:57:42 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.447		mg/Kg-dry	1	8/10/2018 8:33:44 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 4:52:02 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	28.3	0.341		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Barium	175	0.682		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Cadmium	2.56	0.273		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Chromium	41.7	0.136		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Lead	115	0.273		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Selenium	1.31	0.682		mg/Kg-dry	1	8/10/2018 2:21:53 PM
Silver	0.260	0.136		mg/Kg-dry	1	8/10/2018 2:21:53 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:20:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-002
Matrix: Soil
Client Sample ID: **ED #2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 1:53:36 PM
Barium	1.35	0.500		mg/L	1	8/14/2018 1:53:36 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 1:53:36 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 1:53:36 PM
Lead	ND	0.200		mg/L	1	8/14/2018 1:53:36 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 1:53:36 PM
Silver	ND	0.200		mg/L	1	8/14/2018 1:53:36 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	49.1			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.63			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1221	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1232	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1242	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1248	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1254	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1260	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1262	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Aroclor 1268	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Total PCBs	ND	0.175		mg/Kg-dry	1	8/10/2018 7:17:48 PM
Surr: Decachlorobiphenyl	96.6	30.8 - 168		%Rec	1	8/10/2018 7:17:48 PM
Surr: Tetrachloro-m-xylene	74.1	30.3 - 157		%Rec	1	8/10/2018 7:17:48 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	38.8		mg/Kg-dry	1	8/11/2018 2:47:40 AM
Diesel Range Organics (C12-C24)	1,690	38.8		mg/Kg-dry	1	8/11/2018 2:47:40 AM
Heavy Oil	11,000	970	D	mg/Kg-dry	10	8/13/2018 11:56:39 AM
Surr: 2-Fluorobiphenyl	54.6	50 - 150		%Rec	1	8/11/2018 2:47:40 AM
Surr: o-Terphenyl	63.7	50 - 150		%Rec	1	8/11/2018 2:47:40 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Bis(2-chloroethyl) ether	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Chlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,3-Dichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,4-Dichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,2-Dichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzyl alcohol	ND	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Methylphenol (o-cresol)	ND	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachloroethane	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
N-Nitrosodi-n-propylamine	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Nitrobenzene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Isophorone	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
3&4-Methylphenol (m, p-cresol)	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Nitrophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
Bis(2-chloroethoxy)methane	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4-Dichlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1,2,4-Trichlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Naphthalene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Chloroaniline	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachlorobutadiene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Chloro-3-methylphenol	ND	382	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Methylnaphthalene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
1-Methylnaphthalene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachlorocyclopentadiene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4,6-Trichlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4,5-Trichlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Chloronaphthalene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2-Nitroaniline	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Acenaphthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Dimethylphthalate	289	191	Q	µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,6-Dinitrotoluene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Acenaphthylene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4-Dinitrophenol	ND	1,000		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Dibenzofuran	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
2,4-Dinitrotoluene	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Nitrophenol	ND	954		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Fluorene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Chlorophenyl phenyl ether	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Diethylphthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4,6-Dinitro-2-methylphenol	ND	382		µg/Kg-dry	1	8/13/2018 3:58:57 PM
4-Bromophenyl phenyl ether	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Hexachlorobenzene	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Pentachlorophenol	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Phenanthrene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Anthracene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Carbazole	ND	143		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Di-n-butylphthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Fluoranthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Pyrene	113	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Butyl Benzylphthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
bis(2-Ethylhexyl)adipate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benz(a)anthracene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
bis (2-Ethylhexyl) phthalate	647	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Di-n-octyl phthalate	ND	191		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(b)fluoranthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(k)fluoranthene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(a)pyrene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Indeno(1,2,3-cd)pyrene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Dibenz(a,h)anthracene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Benzo(g,h,i)perylene	ND	95.4		µg/Kg-dry	1	8/13/2018 3:58:57 PM
Surr: 2,4,6-Tribromophenol	120	14.8 - 165		%Rec	1	8/13/2018 3:58:57 PM
Surr: 2-Fluorobiphenyl	93.6	17.8 - 151		%Rec	1	8/13/2018 3:58:57 PM
Surr: Nitrobenzene-d5	62.1	12.5 - 163		%Rec	1	8/13/2018 3:58:57 PM
Surr: Phenol-d6	87.7	11.6 - 133		%Rec	1	8/13/2018 3:58:57 PM
Surr: p-Terphenyl	120	22 - 176		%Rec	1	8/13/2018 3:58:57 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2-Chlorophenol	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
1,3-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
1,4-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
1,2-Dichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Benzyl alcohol	ND	1.01	Q	µg/L	1	8/16/2018 6:53:33 PM
Bis(2-chloroethyl) ether	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2-Methylphenol (o-cresol)	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Hexachloroethane	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
N-Nitrosodi-n-propylamine	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Nitrobenzene	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
Isophorone	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
3&4-Methylphenol (m, p-cresol)	ND	1.01	Q*	µg/L	1	8/16/2018 6:53:33 PM
2-Nitrophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dimethylphenol	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Bis(2-chloroethoxy)methane	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dichlorophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
1,2,4-Trichlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Naphthalene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
4-Chloroaniline	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
4-Chloro-3-methylphenol	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
2-Methylnaphthalene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
1-Methylnaphthalene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Hexachlorocyclopentadiene	ND	1.01	Q	µg/L	1	8/16/2018 6:53:33 PM
2,4,6-Trichlorophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2,4,5-Trichlorophenol	ND	2.01		µg/L	1	8/16/2018 6:53:33 PM
2-Chloronaphthalene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2-Nitroaniline	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
Acenaphthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Dimethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2,6-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Acenaphthylene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dinitrophenol	ND	2.01	Q*	µg/L	1	8/16/2018 6:53:33 PM
Dibenzofuran	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
2,4-Dinitrotoluene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
4-Nitrophenol	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
Fluorene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
4-Chlorophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Diethylphthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
4,6-Dinitro-2-methylphenol	ND	5.03	Q*	µg/L	1	8/16/2018 6:53:33 PM
4-Bromophenyl phenyl ether	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Hexachlorobenzene	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Pentachlorophenol	ND	2.01	Q	µg/L	1	8/16/2018 6:53:33 PM
Phenanthrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Anthracene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Carbazole	ND	5.03		µg/L	1	8/16/2018 6:53:33 PM
Di-n-butyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Fluoranthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Pyrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzyl Butylphthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
bis(2-Ethylhexyl)adipate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Benz(a)anthracene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Chrysene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Bis(2-ethylhexyl) phthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Di-n-octyl phthalate	ND	1.01		µg/L	1	8/16/2018 6:53:33 PM
Benzo(b)fluoranthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzo(k)fluoranthene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzo(a)pyrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Dibenz(a,h)anthracene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Benzo(g,h,i)perylene	ND	0.503		µg/L	1	8/16/2018 6:53:33 PM
Surr: 2,4,6-Tribromophenol	145	18 - 139	S	%Rec	1	8/16/2018 6:53:33 PM
Surr: 2-Fluorobiphenyl	99.5	35 - 136		%Rec	1	8/16/2018 6:53:33 PM
Surr: Nitrobenzene-d5	84.7	34.7 - 136		%Rec	1	8/16/2018 6:53:33 PM
Surr: Phenol-d6	28.1	10 - 103		%Rec	1	8/16/2018 6:53:33 PM
Surr: p-Terphenyl	111	23.5 - 156		%Rec	1	8/16/2018 6:53:33 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	4.74		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Surr: Toluene-d8	96.6	65 - 135		%Rec	1	8/11/2018 9:56:58 AM
Surr: 4-Bromofluorobenzene	95.0	65 - 135		%Rec	1	8/11/2018 9:56:58 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chloromethane	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Vinyl chloride	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromomethane	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Trichlorofluoromethane (CFC-11)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chloroethane	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Methylene chloride	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
trans-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1-Dichloroethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
2,2-Dichloropropane	ND	0.0948	Q	mg/Kg-dry	1	8/11/2018 9:56:58 AM
cis-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chloroform	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,1-Trichloroethane (TCA)	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1-Dichloropropene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Carbon tetrachloride	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dichloroethane (EDC)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Trichloroethene (TCE)	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromodichloromethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Dibromomethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
cis-1,3-Dichloropropene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
trans-1,3-Dichloropropylene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,2-Trichloroethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,3-Dichloropropane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Tetrachloroethene (PCE)	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Dibromochloromethane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dibromoethane (EDB)	ND	0.00474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Chlorobenzene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,1,2-Tetrachloroethane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromoform	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,1,2,2-Tetrachloroethane	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Bromobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
2-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
4-Chlorotoluene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2,3-Trichloropropane	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2,4-Trichlorobenzene	ND	0.0237		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,3-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,4-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2-Dibromo-3-chloropropane	ND	0.474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Hexachloro-1,3-butadiene	ND	0.0474		mg/Kg-dry	1	8/11/2018 9:56:58 AM
1,2,3-Trichlorobenzene	ND	0.0190		mg/Kg-dry	1	8/11/2018 9:56:58 AM
Surr: Dibromofluoromethane	93.3	56.5 - 129		%Rec	1	8/11/2018 9:56:58 AM
Surr: Toluene-d8	90.2	64.5 - 151		%Rec	1	8/11/2018 9:56:58 AM
Surr: 1-Bromo-4-fluorobenzene	94.1	54.8 - 168		%Rec	1	8/11/2018 9:56:58 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 3:27:53 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 3:27:53 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1-Dichloroethane	8.16	10.0	B JD	µg/L	10	8/17/2018 3:27:53 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Toluene	13.4	10.0	DB	µg/L	10	8/17/2018 3:27:53 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Tetrachloroethene (PCE)	2.53	10.0	JD	µg/L	10	8/17/2018 3:27:53 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 3:27:53 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Ethylbenzene	1.48	10.0	B JD	µg/L	10	8/17/2018 3:27:53 AM
m,p-Xylene	4.11	10.0	B JD	µg/L	10	8/17/2018 3:27:53 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 3:27:53 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 3:27:53 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 3:27:53 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 3:27:53 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 3:27:53 AM
Surr: Dibromofluoromethane	100	33.3 - 161	D	%Rec	10	8/17/2018 3:27:53 AM
Surr: Toluene-d8	104	67.3 - 147	D	%Rec	10	8/17/2018 3:27:53 AM
Surr: 4-Bromofluorobenzene	96.4	59.3 - 164	D	%Rec	10	8/17/2018 3:27:53 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.465		mg/Kg-dry	1	8/10/2018 8:35:21 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 4:53:42 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	18.5	0.354		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Barium	120	0.708		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Cadmium	2.60	0.283		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Chromium	32.1	0.142		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Lead	61.0	0.283		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Selenium	1.36	0.708		mg/Kg-dry	1	8/10/2018 2:25:56 PM
Silver	0.144	0.142		mg/Kg-dry	1	8/10/2018 2:25:56 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:28:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-003
Matrix: Soil
Client Sample ID: **ED #3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 1:57:40 PM
Barium	ND	0.500		mg/L	1	8/14/2018 1:57:40 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 1:57:40 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 1:57:40 PM
Lead	ND	0.200		mg/L	1	8/14/2018 1:57:40 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 1:57:40 PM
Silver	ND	0.200		mg/L	1	8/14/2018 1:57:40 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	49.2			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.86			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1221	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1232	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1242	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1248	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1254	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1260	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1262	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Aroclor 1268	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Total PCBs	ND	0.133		mg/Kg-dry	1	8/10/2018 7:29:01 PM
Surr: Decachlorobiphenyl	85.0	30.8 - 168		%Rec	1	8/10/2018 7:29:01 PM
Surr: Tetrachloro-m-xylene	76.9	30.3 - 157		%Rec	1	8/10/2018 7:29:01 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21575		Analyst: SB
Diesel (Fuel Oil)	ND	30.4		mg/Kg-dry	1	8/13/2018 2:26:23 PM
Diesel Range Organics (C12-C24)	49.5	30.4		mg/Kg-dry	1	8/13/2018 2:26:23 PM
Heavy Oil	439	75.9		mg/Kg-dry	1	8/13/2018 2:26:23 PM
Surr: 2-Fluorobiphenyl	73.1	50 - 150		%Rec	1	8/13/2018 2:26:23 PM
Surr: o-Terphenyl	78.5	50 - 150		%Rec	1	8/13/2018 2:26:23 PM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Bis(2-chloroethyl) ether	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Chlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,3-Dichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,4-Dichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,2-Dichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzyl alcohol	ND	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Methylphenol (o-cresol)	ND	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachloroethane	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
N-Nitrosodi-n-propylamine	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Nitrobenzene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Isophorone	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
3&4-Methylphenol (m, p-cresol)	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Nitrophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
Bis(2-chloroethoxy)methane	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4-Dichlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1,2,4-Trichlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Naphthalene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Chloroaniline	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachlorobutadiene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Chloro-3-methylphenol	ND	289	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Methylnaphthalene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
1-Methylnaphthalene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachlorocyclopentadiene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4,6-Trichlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4,5-Trichlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Chloronaphthalene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2-Nitroaniline	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Acenaphthene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Dimethylphthalate	160	145	Q	µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,6-Dinitrotoluene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Acenaphthylene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4-Dinitrophenol	ND	760		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Dibenzofuran	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
2,4-Dinitrotoluene	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Nitrophenol	ND	723		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Fluorene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Chlorophenyl phenyl ether	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Diethylphthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4,6-Dinitro-2-methylphenol	ND	289		µg/Kg-dry	1	8/13/2018 4:21:17 PM
4-Bromophenyl phenyl ether	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Hexachlorobenzene	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Pentachlorophenol	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Phenanthrene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Anthracene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Carbazole	ND	109		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Di-n-butylphthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Fluoranthene	147	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Pyrene	142	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Butyl Benzylphthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
bis(2-Ethylhexyl)adipate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benz(a)anthracene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Chrysene	115	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
bis (2-Ethylhexyl) phthalate	1,250	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Di-n-octyl phthalate	ND	145		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(b)fluoranthene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(k)fluoranthene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(a)pyrene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Indeno(1,2,3-cd)pyrene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Dibenz(a,h)anthracene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Benzo(g,h,i)perylene	ND	72.3		µg/Kg-dry	1	8/13/2018 4:21:17 PM
Surr: 2,4,6-Tribromophenol	128	14.8 - 165		%Rec	1	8/13/2018 4:21:17 PM
Surr: 2-Fluorobiphenyl	87.1	17.8 - 151		%Rec	1	8/13/2018 4:21:17 PM
Surr: Nitrobenzene-d5	73.2	12.5 - 163		%Rec	1	8/13/2018 4:21:17 PM
Surr: Phenol-d6	99.4	11.6 - 133		%Rec	1	8/13/2018 4:21:17 PM
Surr: p-Terphenyl	116	22 - 176		%Rec	1	8/13/2018 4:21:17 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Phenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2-Chlorophenol	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
1,3-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
1,4-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
1,2-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Benzyl alcohol	ND	1.02	Q	µg/L	1	8/16/2018 7:16:18 PM
Bis(2-chloroethyl) ether	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2-Methylphenol (o-cresol)	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Hexachloroethane	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
N-Nitrosodi-n-propylamine	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Nitrobenzene	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
Isophorone	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
3&4-Methylphenol (m, p-cresol)	ND	1.02	Q*	µg/L	1	8/16/2018 7:16:18 PM
2-Nitrophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dimethylphenol	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Bis(2-chloroethoxy)methane	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
1,2,4-Trichlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Naphthalene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
4-Chloroaniline	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
4-Chloro-3-methylphenol	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
2-Methylnaphthalene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
1-Methylnaphthalene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Hexachlorocyclopentadiene	ND	1.02	Q	µg/L	1	8/16/2018 7:16:18 PM
2,4,6-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2,4,5-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:16:18 PM
2-Chloronaphthalene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2-Nitroaniline	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
Acenaphthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Dimethylphthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2,6-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Acenaphthylene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dinitrophenol	ND	2.05	Q*	µg/L	1	8/16/2018 7:16:18 PM
Dibenzofuran	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
2,4-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
4-Nitrophenol	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
Fluorene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
4-Chlorophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Diethylphthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
4,6-Dinitro-2-methylphenol	ND	5.12	Q*	µg/L	1	8/16/2018 7:16:18 PM
4-Bromophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Hexachlorobenzene	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Pentachlorophenol	ND	2.05	Q	µg/L	1	8/16/2018 7:16:18 PM
Phenanthrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Anthracene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Carbazole	ND	5.12		µg/L	1	8/16/2018 7:16:18 PM
Di-n-butyl phthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Fluoranthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Pyrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzyl Butylphthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
bis(2-Ethylhexyl)adipate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Benz(a)anthracene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Chrysene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Bis(2-ethylhexyl) phthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Di-n-octyl phthalate	ND	1.02		µg/L	1	8/16/2018 7:16:18 PM
Benzo(b)fluoranthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzo(k)fluoranthene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzo(a)pyrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Dibenz(a,h)anthracene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Benzo(g,h,i)perylene	ND	0.512		µg/L	1	8/16/2018 7:16:18 PM
Surr: 2,4,6-Tribromophenol	121	18 - 139		%Rec	1	8/16/2018 7:16:18 PM
Surr: 2-Fluorobiphenyl	83.6	35 - 136		%Rec	1	8/16/2018 7:16:18 PM
Surr: Nitrobenzene-d5	73.6	34.7 - 136		%Rec	1	8/16/2018 7:16:18 PM
Surr: Phenol-d6	31.5	10 - 103		%Rec	1	8/16/2018 7:16:18 PM
Surr: p-Terphenyl	109	23.5 - 156		%Rec	1	8/16/2018 7:16:18 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	1.32		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Surr: Toluene-d8	98.7	65 - 135		%Rec	1	8/11/2018 3:03:39 PM
Surr: 4-Bromofluorobenzene	103	65 - 135		%Rec	1	8/11/2018 3:03:39 PM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chloromethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Vinyl chloride	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Bromomethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Trichlorofluoromethane (CFC-11)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1-Dichloroethene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Methylene chloride	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
trans-1,2-Dichloroethene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1-Dichloroethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
2,2-Dichloropropane	ND	0.0265	Q	mg/Kg-dry	1	8/11/2018 3:03:39 PM
cis-1,2-Dichloroethene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chloroform	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,1-Trichloroethane (TCA)	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1-Dichloropropene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Carbon tetrachloride	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dichloroethane (EDC)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Trichloroethene (TCE)	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dichloropropane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Bromodichloromethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Dibromomethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
cis-1,3-Dichloropropene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
trans-1,3-Dichloropropylene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,2-Trichloroethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,3-Dichloropropane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Tetrachloroethene (PCE)	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Dibromochloromethane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dibromoethane (EDB)	ND	0.00132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Chlorobenzene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,1,2-Tetrachloroethane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Bromoform	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,1,2,2-Tetrachloroethane	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Bromobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
2-Chlorotoluene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
4-Chlorotoluene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2,3-Trichloropropane	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2,4-Trichlorobenzene	ND	0.00661		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,3-Dichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,4-Dichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2-Dibromo-3-chloropropane	ND	0.132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Hexachloro-1,3-butadiene	ND	0.0132		mg/Kg-dry	1	8/11/2018 3:03:39 PM
1,2,3-Trichlorobenzene	ND	0.00529		mg/Kg-dry	1	8/11/2018 3:03:39 PM
Surr: Dibromofluoromethane	104	56.5 - 129		%Rec	1	8/11/2018 3:03:39 PM
Surr: Toluene-d8	109	64.5 - 151		%Rec	1	8/11/2018 3:03:39 PM
Surr: 1-Bromo-4-fluorobenzene	102	54.8 - 168		%Rec	1	8/11/2018 3:03:39 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 3:57:54 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 3:57:54 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1-Dichloroethane	7.18	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Benzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Toluene	4.42	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Tetrachloroethene (PCE)	6.10	10.0	JD	µg/L	10	8/17/2018 3:57:54 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 3:57:54 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Ethylbenzene	0.923	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
m,p-Xylene	2.15	10.0	B JD	µg/L	10	8/17/2018 3:57:54 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 3:57:54 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 3:57:54 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 3:57:54 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 3:57:54 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 3:57:54 AM
Surr: Dibromofluoromethane	100	33.3 - 161	D	%Rec	10	8/17/2018 3:57:54 AM
Surr: Toluene-d8	103	67.3 - 147	D	%Rec	10	8/17/2018 3:57:54 AM
Surr: 4-Bromofluorobenzene	95.5	59.3 - 164	D	%Rec	10	8/17/2018 3:57:54 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471

Batch ID: 21566 Analyst: WF

Mercury	ND	0.350		mg/Kg-dry	1	8/10/2018 8:36:58 PM

Mercury (SW7470) with TCLP Extraction (EPA 1311)

Batch ID: 21592 Analyst: WF

Mercury	ND	0.00200		mg/L	1	8/14/2018 4:55:23 PM

Total Metals by EPA Method 6020

Batch ID: 21560 Analyst: WC

Arsenic	8.46	0.269		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Barium	59.7	0.538		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Cadmium	0.948	0.215		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Chromium	14.9	0.108		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Lead	22.3	0.215		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Selenium	0.809	0.538		mg/Kg-dry	1	8/10/2018 2:29:59 PM
Silver	ND	0.108		mg/Kg-dry	1	8/10/2018 2:29:59 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:17:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-004
Matrix: Soil
Client Sample ID: **ED #3.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 2:09:53 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:09:53 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:09:53 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:09:53 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:09:53 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:09:53 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:09:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	35.0			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.89			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1221	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1232	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1242	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1248	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1254	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1260	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1262	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Aroclor 1268	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Total PCBs	ND	0.192		mg/Kg-dry	1	8/10/2018 7:40:19 PM
Surr: Decachlorobiphenyl	105	30.8 - 168		%Rec	1	8/10/2018 7:40:19 PM
Surr: Tetrachloro-m-xylene	97.9	30.3 - 157		%Rec	1	8/10/2018 7:40:19 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	39.1		mg/Kg-dry	1	8/11/2018 3:47:57 AM
Diesel Range Organics (C12-C24)	576	39.1		mg/Kg-dry	1	8/11/2018 3:47:57 AM
Heavy Oil	6,500	978	D	mg/Kg-dry	10	8/13/2018 12:26:37 PM
Surr: 2-Fluorobiphenyl	71.2	50 - 150		%Rec	1	8/11/2018 3:47:57 AM
Surr: o-Terphenyl	86.1	50 - 150		%Rec	1	8/11/2018 3:47:57 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Bis(2-chloroethyl) ether	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Chlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,3-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,4-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,2-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzyl alcohol	ND	188	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Methylphenol (o-cresol)	ND	188	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachloroethane	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
N-Nitrosodi-n-propylamine	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Nitrobenzene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Isophorone	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
3&4-Methylphenol (m, p-cresol)	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Nitrophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	188	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
Bis(2-chloroethoxy)methane	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4-Dichlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1,2,4-Trichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Naphthalene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Chloroaniline	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachlorobutadiene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Chloro-3-methylphenol	ND	377	Q	µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Methylnaphthalene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
1-Methylnaphthalene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachlorocyclopentadiene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4,6-Trichlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4,5-Trichlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Chloronaphthalene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2-Nitroaniline	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Acenaphthene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Dimethylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,6-Dinitrotoluene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Acenaphthylene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4-Dinitrophenol	ND	988		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Dibenzofuran	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
2,4-Dinitrotoluene	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Nitrophenol	ND	941		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Fluorene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Chlorophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Diethylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4,6-Dinitro-2-methylphenol	ND	377		µg/Kg-dry	1	8/13/2018 4:43:34 PM
4-Bromophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Hexachlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Pentachlorophenol	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Phenanthrene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Anthracene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Carbazole	ND	141		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Di-n-butylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Fluoranthene	174	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Pyrene	165	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Butyl Benzylphthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
bis(2-Ethylhexyl)adipate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benz(a)anthracene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	159	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
bis (2-Ethylhexyl) phthalate	1,350	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Di-n-octyl phthalate	ND	188		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(b)fluoranthene	96.1	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(k)fluoranthene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(a)pyrene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Indeno(1,2,3-cd)pyrene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Dibenz(a,h)anthracene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Benzo(g,h,i)perylene	ND	94.1		µg/Kg-dry	1	8/13/2018 4:43:34 PM
Surr: 2,4,6-Tribromophenol	132	14.8 - 165		%Rec	1	8/13/2018 4:43:34 PM
Surr: 2-Fluorobiphenyl	82.2	17.8 - 151		%Rec	1	8/13/2018 4:43:34 PM
Surr: Nitrobenzene-d5	53.7	12.5 - 163		%Rec	1	8/13/2018 4:43:34 PM
Surr: Phenol-d6	106	11.6 - 133		%Rec	1	8/13/2018 4:43:34 PM
Surr: p-Terphenyl	113	22 - 176		%Rec	1	8/13/2018 4:43:34 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2-Chlorophenol	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
1,3-Dichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
1,4-Dichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
1,2-Dichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Benzyl alcohol	ND	1.03	Q	µg/L	1	8/16/2018 7:39:02 PM
Bis(2-chloroethyl) ether	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2-Methylphenol (o-cresol)	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Hexachloroethane	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
N-Nitrosodi-n-propylamine	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Nitrobenzene	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
Isophorone	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
3&4-Methylphenol (m, p-cresol)	ND	1.03	Q*	µg/L	1	8/16/2018 7:39:02 PM
2-Nitrophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dimethylphenol	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Bis(2-chloroethoxy)methane	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
1,2,4-Trichlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Naphthalene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
4-Chloroaniline	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
4-Chloro-3-methylphenol	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
2-Methylnaphthalene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
1-Methylnaphthalene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Hexachlorocyclopentadiene	ND	1.03	Q	µg/L	1	8/16/2018 7:39:02 PM
2,4,6-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2,4,5-Trichlorophenol	ND	2.05		µg/L	1	8/16/2018 7:39:02 PM
2-Chloronaphthalene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2-Nitroaniline	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
Acenaphthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Dimethylphthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2,6-Dinitrotoluene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Acenaphthylene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dinitrophenol	ND	2.05	Q*	µg/L	1	8/16/2018 7:39:02 PM
Dibenzofuran	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
2,4-Dinitrotoluene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
4-Nitrophenol	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
Fluorene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
4-Chlorophenyl phenyl ether	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Diethylphthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
4,6-Dinitro-2-methylphenol	ND	5.13	Q*	µg/L	1	8/16/2018 7:39:02 PM
4-Bromophenyl phenyl ether	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Hexachlorobenzene	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Pentachlorophenol	ND	2.05	Q	µg/L	1	8/16/2018 7:39:02 PM
Phenanthrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Anthracene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Carbazole	ND	5.13		µg/L	1	8/16/2018 7:39:02 PM
Di-n-butyl phthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Fluoranthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Pyrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzyl Butylphthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
bis(2-Ethylhexyl)adipate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Benz(a)anthracene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Chrysene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Bis(2-ethylhexyl) phthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Di-n-octyl phthalate	ND	1.03		µg/L	1	8/16/2018 7:39:02 PM
Benzo(b)fluoranthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzo(k)fluoranthene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzo(a)pyrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Dibenz(a,h)anthracene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Benzo(g,h,i)perylene	ND	0.513		µg/L	1	8/16/2018 7:39:02 PM
Surr: 2,4,6-Tribromophenol	137	18 - 139		%Rec	1	8/16/2018 7:39:02 PM
Surr: 2-Fluorobiphenyl	90.9	35 - 136		%Rec	1	8/16/2018 7:39:02 PM
Surr: Nitrobenzene-d5	79.9	34.7 - 136		%Rec	1	8/16/2018 7:39:02 PM
Surr: Phenol-d6	37.7	10 - 103		%Rec	1	8/16/2018 7:39:02 PM
Surr: p-Terphenyl	105	23.5 - 156		%Rec	1	8/16/2018 7:39:02 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	4.99		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Surr: Toluene-d8	98.5	65 - 135		%Rec	1	8/11/2018 10:27:44 AM
Surr: 4-Bromofluorobenzene	94.4	65 - 135		%Rec	1	8/11/2018 10:27:44 AM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chloromethane	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Vinyl chloride	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Bromomethane	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Trichlorofluoromethane (CFC-11)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chloroethane	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Methylene chloride	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1-Dichloroethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
2,2-Dichloropropane	ND	0.0999	Q	mg/Kg-dry	1	8/11/2018 10:27:44 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chloroform	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,1-Trichloroethane (TCA)	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Carbon tetrachloride	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dichloroethane (EDC)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dichloropropane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Bromodichloromethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Dibromomethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
cis-1,3-Dichloropropene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
trans-1,3-Dichloropropylene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,2-Trichloroethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,3-Dichloropropane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Tetrachloroethene (PCE)	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Dibromochloromethane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dibromoethane (EDB)	ND	0.00499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Chlorobenzene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,1,2-Tetrachloroethane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Bromoform	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,1,2,2-Tetrachloroethane	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Bromobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
2-Chlorotoluene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
4-Chlorotoluene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2,3-Trichloropropane	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2,4-Trichlorobenzene	ND	0.0250		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,3-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,4-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2-Dibromo-3-chloropropane	ND	0.499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Hexachloro-1,3-butadiene	ND	0.0499		mg/Kg-dry	1	8/11/2018 10:27:44 AM
1,2,3-Trichlorobenzene	ND	0.0200		mg/Kg-dry	1	8/11/2018 10:27:44 AM
Surr: Dibromofluoromethane	93.8	56.5 - 129		%Rec	1	8/11/2018 10:27:44 AM
Surr: Toluene-d8	90.9	64.5 - 151		%Rec	1	8/11/2018 10:27:44 AM
Surr: 1-Bromo-4-fluorobenzene	93.4	54.8 - 168		%Rec	1	8/11/2018 10:27:44 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 4:28:01 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 4:28:01 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1-Dichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Benzene	9.19	10.0	JD	µg/L	10	8/17/2018 4:28:01 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Toluene	1.29	10.0	JD	µg/L	10	8/17/2018 4:28:01 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 4:28:01 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
m,p-Xylene	2.79	10.0	JD	µg/L	10	8/17/2018 4:28:01 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 4:28:01 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 4:28:01 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 4:28:01 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 4:28:01 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 4:28:01 AM
Surr: Dibromofluoromethane	99.5	33.3 - 161	D	%Rec	10	8/17/2018 4:28:01 AM
Surr: Toluene-d8	102	67.3 - 147	D	%Rec	10	8/17/2018 4:28:01 AM
Surr: 4-Bromofluorobenzene	95.7	59.3 - 164	D	%Rec	10	8/17/2018 4:28:01 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.491		mg/Kg-dry	1	8/10/2018 8:38:41 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 5:03:53 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	23.9	0.387		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Barium	155	0.774		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Cadmium	1.56	0.310		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Chromium	28.1	0.155		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Lead	45.6	0.310		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Selenium	1.20	0.774		mg/Kg-dry	1	8/10/2018 2:42:10 PM
Silver	ND	0.155		mg/Kg-dry	1	8/10/2018 2:42:10 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 9:33:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-005
Matrix: Soil
Client Sample ID: **ED #4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	0.181	0.100		mg/L	1	8/14/2018 2:13:57 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:13:57 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:13:57 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:13:57 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:13:57 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:13:57 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:13:57 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	51.0			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.84			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1221	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1232	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1242	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1248	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1254	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1260	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1262	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Aroclor 1268	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Total PCBs	ND	0.150		mg/Kg-dry	1	8/10/2018 7:51:36 PM
Surr: Decachlorobiphenyl	125	30.8 - 168		%Rec	1	8/10/2018 7:51:36 PM
Surr: Tetrachloro-m-xylene	106	30.3 - 157		%Rec	1	8/10/2018 7:51:36 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	32.2		mg/Kg-dry	1	8/11/2018 4:18:00 AM
Diesel Range Organics (C12-C24)	474	32.2		mg/Kg-dry	1	8/11/2018 4:18:00 AM
Heavy Oil	4,740	805	D	mg/Kg-dry	10	8/13/2018 12:56:41 PM
Surr: 2-Fluorobiphenyl	73.2	50 - 150		%Rec	1	8/11/2018 4:18:00 AM
Surr: o-Terphenyl	85.1	50 - 150		%Rec	1	8/11/2018 4:18:00 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Bis(2-chloroethyl) ether	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Chlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,3-Dichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,4-Dichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,2-Dichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzyl alcohol	ND	150	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Methylphenol (o-cresol)	ND	150	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachloroethane	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
N-Nitrosodi-n-propylamine	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Nitrobenzene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Isophorone	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
3&4-Methylphenol (m, p-cresol)	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Nitrophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	150	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
Bis(2-chloroethoxy)methane	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4-Dichlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1,2,4-Trichlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Naphthalene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Chloroaniline	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachlorobutadiene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Chloro-3-methylphenol	ND	301	Q	µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Methylnaphthalene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
1-Methylnaphthalene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachlorocyclopentadiene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4,6-Trichlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4,5-Trichlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Chloronaphthalene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2-Nitroaniline	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Acenaphthene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Dimethylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,6-Dinitrotoluene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Acenaphthylene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4-Dinitrophenol	ND	789		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Dibenzofuran	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
2,4-Dinitrotoluene	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Nitrophenol	ND	752		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Fluorene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Chlorophenyl phenyl ether	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Diethylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4,6-Dinitro-2-methylphenol	ND	301		µg/Kg-dry	1	8/13/2018 5:05:55 PM
4-Bromophenyl phenyl ether	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Hexachlorobenzene	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Pentachlorophenol	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Phenanthrene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Anthracene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Carbazole	ND	113		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Di-n-butylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Fluoranthene	116	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Pyrene	110	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Butyl Benzylphthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
bis(2-Ethylhexyl)adipate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benz(a)anthracene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	95.0	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
bis (2-Ethylhexyl) phthalate	758	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Di-n-octyl phthalate	ND	150		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(b)fluoranthene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(k)fluoranthene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(a)pyrene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Indeno(1,2,3-cd)pyrene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Dibenz(a,h)anthracene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Benzo(g,h,i)perylene	ND	75.2		µg/Kg-dry	1	8/13/2018 5:05:55 PM
Surr: 2,4,6-Tribromophenol	108	14.8 - 165		%Rec	1	8/13/2018 5:05:55 PM
Surr: 2-Fluorobiphenyl	81.0	17.8 - 151		%Rec	1	8/13/2018 5:05:55 PM
Surr: Nitrobenzene-d5	63.9	12.5 - 163		%Rec	1	8/13/2018 5:05:55 PM
Surr: Phenol-d6	85.1	11.6 - 133		%Rec	1	8/13/2018 5:05:55 PM
Surr: p-Terphenyl	101	22 - 176		%Rec	1	8/13/2018 5:05:55 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2-Chlorophenol	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
1,3-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
1,4-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
1,2-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Benzyl alcohol	ND	1.02	Q	µg/L	1	8/16/2018 8:01:51 PM
Bis(2-chloroethyl) ether	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2-Methylphenol (o-cresol)	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Hexachloroethane	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
N-Nitrosodi-n-propylamine	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Nitrobenzene	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
Isophorone	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
3&4-Methylphenol (m, p-cresol)	ND	1.02	Q*	µg/L	1	8/16/2018 8:01:51 PM
2-Nitrophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dimethylphenol	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Bis(2-chloroethoxy)methane	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
1,2,4-Trichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Naphthalene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
4-Chloroaniline	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
4-Chloro-3-methylphenol	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
2-Methylnaphthalene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
1-Methylnaphthalene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Hexachlorocyclopentadiene	ND	1.02	Q	µg/L	1	8/16/2018 8:01:51 PM
2,4,6-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2,4,5-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:01:51 PM
2-Chloronaphthalene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2-Nitroaniline	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
Acenaphthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Dimethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2,6-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Acenaphthylene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dinitrophenol	ND	2.04	Q*	µg/L	1	8/16/2018 8:01:51 PM
Dibenzofuran	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
2,4-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
4-Nitrophenol	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
Fluorene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
4-Chlorophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Diethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
4,6-Dinitro-2-methylphenol	ND	5.11	Q*	µg/L	1	8/16/2018 8:01:51 PM
4-Bromophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Hexachlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Pentachlorophenol	ND	2.04	Q	µg/L	1	8/16/2018 8:01:51 PM
Phenanthrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Anthracene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Carbazole	ND	5.11		µg/L	1	8/16/2018 8:01:51 PM
Di-n-butyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Fluoranthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Pyrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzyl Butylphthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
bis(2-Ethylhexyl)adipate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Benz(a)anthracene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Chrysene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Bis(2-ethylhexyl) phthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Di-n-octyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:01:51 PM
Benzo(b)fluoranthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzo(k)fluoranthene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzo(a)pyrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Indeno(1,2,3-cd)pyrene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Dibenz(a,h)anthracene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Benzo(g,h,i)perylene	ND	0.511		µg/L	1	8/16/2018 8:01:51 PM
Surr: 2,4,6-Tribromophenol	145	18 - 139	S	%Rec	1	8/16/2018 8:01:51 PM
Surr: 2-Fluorobiphenyl	90.0	35 - 136		%Rec	1	8/16/2018 8:01:51 PM
Surr: Nitrobenzene-d5	76.5	34.7 - 136		%Rec	1	8/16/2018 8:01:51 PM
Surr: Phenol-d6	38.7	10 - 103		%Rec	1	8/16/2018 8:01:51 PM
Surr: p-Terphenyl	105	23.5 - 156		%Rec	1	8/16/2018 8:01:51 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx

Batch ID: 21567 Analyst: KT

Gasoline	ND	3.31		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Surr: Toluene-d8	96.4	65 - 135		%Rec	1	8/11/2018 10:58:25 AM
Surr: 4-Bromofluorobenzene	95.9	65 - 135		%Rec	1	8/11/2018 10:58:25 AM

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Dichlorodifluoromethane (CFC-12)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chloromethane	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Vinyl chloride	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromomethane	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Trichlorofluoromethane (CFC-11)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chloroethane	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1-Dichloroethene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Methylene chloride	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
trans-1,2-Dichloroethene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1-Dichloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
2,2-Dichloropropane	ND	0.0661	Q	mg/Kg-dry	1	8/11/2018 10:58:25 AM
cis-1,2-Dichloroethene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chloroform	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,1-Trichloroethane (TCA)	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1-Dichloropropene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Carbon tetrachloride	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dichloroethane (EDC)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Trichloroethene (TCE)	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromodichloromethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Dibromomethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
cis-1,3-Dichloropropene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
trans-1,3-Dichloropropylene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,2-Trichloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,3-Dichloropropane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Tetrachloroethene (PCE)	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Dibromochloromethane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dibromoethane (EDB)	ND	0.00331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Chlorobenzene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,1,2-Tetrachloroethane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromoform	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,1,2,2-Tetrachloroethane	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Bromobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
2-Chlorotoluene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
4-Chlorotoluene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2,3-Trichloropropane	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2,4-Trichlorobenzene	ND	0.0165		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,3-Dichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,4-Dichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2-Dibromo-3-chloropropane	ND	0.331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Hexachloro-1,3-butadiene	ND	0.0331		mg/Kg-dry	1	8/11/2018 10:58:25 AM
1,2,3-Trichlorobenzene	ND	0.0132		mg/Kg-dry	1	8/11/2018 10:58:25 AM
Surr: Dibromofluoromethane	93.7	56.5 - 129		%Rec	1	8/11/2018 10:58:25 AM
Surr: Toluene-d8	90.4	64.5 - 151		%Rec	1	8/11/2018 10:58:25 AM
Surr: 1-Bromo-4-fluorobenzene	94.8	54.8 - 168		%Rec	1	8/11/2018 10:58:25 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 4:58:12 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 4:58:12 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1-Dichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Benzene	8.90	10.0	JD	µg/L	10	8/17/2018 4:58:12 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Toluene	1.17	10.0	JD	µg/L	10	8/17/2018 4:58:12 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Tetrachloroethene (PCE)	3.83	10.0	JD	µg/L	10	8/17/2018 4:58:12 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 4:58:12 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 4:58:12 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 4:58:12 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 4:58:12 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 4:58:12 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 4:58:12 AM
Surr: Dibromofluoromethane	100	33.3 - 161	D	%Rec	10	8/17/2018 4:58:12 AM
Surr: Toluene-d8	102	67.3 - 147	D	%Rec	10	8/17/2018 4:58:12 AM
Surr: 4-Bromofluorobenzene	96.2	59.3 - 164	D	%Rec	10	8/17/2018 4:58:12 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.397		mg/Kg-dry	1	8/10/2018 8:40:20 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 5:11:41 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	13.9	0.300		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Barium	77.4	0.600		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Cadmium	1.13	0.240		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Chromium	19.2	0.120		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Lead	30.5	0.240		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Selenium	0.996	0.600		mg/Kg-dry	1	8/10/2018 2:46:13 PM
Silver	ND	0.120		mg/Kg-dry	1	8/10/2018 2:46:13 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:11:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-006
Matrix: Soil
Client Sample ID: **ED #4.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	0.160	0.100		mg/L	1	8/14/2018 2:22:05 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:22:05 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:22:05 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:22:05 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:22:05 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:22:05 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:22:05 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	41.7			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Positive	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	6.79			pH	1	8/13/2018 7:50:00 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 21563		Analyst: SB
Aroclor 1016	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1221	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1232	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1242	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1248	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1254	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1260	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1262	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Aroclor 1268	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Total PCBs	ND	0.181		mg/Kg-dry	1	8/10/2018 8:02:49 PM
Surr: Decachlorobiphenyl	121	30.8 - 168		%Rec	1	8/10/2018 8:02:49 PM
Surr: Tetrachloro-m-xylene	103	30.3 - 157		%Rec	1	8/10/2018 8:02:49 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 21562		Analyst: SB
Diesel (Fuel Oil)	ND	37.7		mg/Kg-dry	1	8/11/2018 4:48:12 AM
Diesel Range Organics (C12-C24)	51.3	37.7		mg/Kg-dry	1	8/11/2018 4:48:12 AM
Heavy Oil	2,620	94.3		mg/Kg-dry	1	8/11/2018 4:48:12 AM
Surr: 2-Fluorobiphenyl	62.6	50 - 150		%Rec	1	8/11/2018 4:48:12 AM
Surr: o-Terphenyl	76.0	50 - 150		%Rec	1	8/11/2018 4:48:12 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Semi-Volatile Organic Compounds by EPA Method 8270				Batch ID: 21565		Analyst: IH
Phenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Bis(2-chloroethyl) ether	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Chlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,3-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,4-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,2-Dichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzyl alcohol	ND	187	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Methylphenol (o-cresol)	ND	187	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachloroethane	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
N-Nitrosodi-n-propylamine	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Nitrobenzene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Isophorone	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
3&4-Methylphenol (m, p-cresol)	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Nitrophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Semi-Volatile Organic Compounds by EPA Method 8270 Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
2,4-Dimethylphenol	ND	187	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
Bis(2-chloroethoxy)methane	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4-Dichlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1,2,4-Trichlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Naphthalene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Chloroaniline	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachlorobutadiene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Chloro-3-methylphenol	ND	375	Q	µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Methylnaphthalene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
1-Methylnaphthalene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachlorocyclopentadiene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4,6-Trichlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4,5-Trichlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Chloronaphthalene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2-Nitroaniline	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Acenaphthene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Dimethylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,6-Dinitrotoluene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Acenaphthylene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4-Dinitrophenol	ND	984		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Dibenzofuran	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
2,4-Dinitrotoluene	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Nitrophenol	ND	937		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Fluorene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Chlorophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Diethylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4,6-Dinitro-2-methylphenol	ND	375		µg/Kg-dry	1	8/13/2018 5:28:07 PM
4-Bromophenyl phenyl ether	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Hexachlorobenzene	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Pentachlorophenol	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Phenanthrene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Anthracene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Carbazole	ND	141		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Di-n-butylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Fluoranthene	151	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Pyrene	148	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Butyl Benzylphthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
bis(2-Ethylhexyl)adipate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benz(a)anthracene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Semi-Volatile Organic Compounds by EPA Method 8270

Batch ID: 21565 Analyst: IH

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chrysene	108	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
bis (2-Ethylhexyl) phthalate	487	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Di-n-octyl phthalate	ND	187		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(b)fluoranthene	122	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(k)fluoranthene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(a)pyrene	115	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Indeno(1,2,3-cd)pyrene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Dibenz(a,h)anthracene	ND	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Benzo(g,h,i)perylene	98.8	93.7		µg/Kg-dry	1	8/13/2018 5:28:07 PM
Surr: 2,4,6-Tribromophenol	134	14.8 - 165		%Rec	1	8/13/2018 5:28:07 PM
Surr: 2-Fluorobiphenyl	104	17.8 - 151		%Rec	1	8/13/2018 5:28:07 PM
Surr: Nitrobenzene-d5	96.3	12.5 - 163		%Rec	1	8/13/2018 5:28:07 PM
Surr: Phenol-d6	91.4	11.6 - 133		%Rec	1	8/13/2018 5:28:07 PM
Surr: p-Terphenyl	115	22 - 176		%Rec	1	8/13/2018 5:28:07 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Batch ID: 21591 Analyst: SG

Phenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2-Chlorophenol	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
1,3-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
1,4-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
1,2-Dichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Benzyl alcohol	ND	1.02	Q	µg/L	1	8/16/2018 8:24:59 PM
Bis(2-chloroethyl) ether	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2-Methylphenol (o-cresol)	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Hexachloroethane	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
N-Nitrosodi-n-propylamine	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Nitrobenzene	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
Isophorone	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
3&4-Methylphenol (m, p-cresol)	ND	1.02	Q*	µg/L	1	8/16/2018 8:24:59 PM
2-Nitrophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dimethylphenol	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Bis(2-chloroethoxy)methane	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
1,2,4-Trichlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Naphthalene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
4-Chloroaniline	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

SVOC (SW8270) with TCLP Extraction (EPA 1311) Batch ID: 21591 Analyst: SG

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hexachlorobutadiene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
4-Chloro-3-methylphenol	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
2-Methylnaphthalene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
1-Methylnaphthalene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Hexachlorocyclopentadiene	ND	1.02	Q	µg/L	1	8/16/2018 8:24:59 PM
2,4,6-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2,4,5-Trichlorophenol	ND	2.04		µg/L	1	8/16/2018 8:24:59 PM
2-Chloronaphthalene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2-Nitroaniline	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
Acenaphthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Dimethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2,6-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Acenaphthylene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dinitrophenol	ND	2.04	Q*	µg/L	1	8/16/2018 8:24:59 PM
Dibenzofuran	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
2,4-Dinitrotoluene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
4-Nitrophenol	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
Fluorene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
4-Chlorophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Diethylphthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
4,6-Dinitro-2-methylphenol	ND	5.10	Q*	µg/L	1	8/16/2018 8:24:59 PM
4-Bromophenyl phenyl ether	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Hexachlorobenzene	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Pentachlorophenol	ND	2.04	Q	µg/L	1	8/16/2018 8:24:59 PM
Phenanthrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Anthracene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Carbazole	ND	5.10		µg/L	1	8/16/2018 8:24:59 PM
Di-n-butyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Fluoranthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Pyrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzyl Butylphthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
bis(2-Ethylhexyl)adipate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Benz(a)anthracene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Chrysene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Bis(2-ethylhexyl) phthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Di-n-octyl phthalate	ND	1.02		µg/L	1	8/16/2018 8:24:59 PM
Benzo(b)fluoranthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzo(k)fluoranthene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzo(a)pyrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SVOC (SW8270) with TCLP Extraction (EPA 1311)				Batch ID: 21591		Analyst: SG
Indeno(1,2,3-cd)pyrene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Dibenz(a,h)anthracene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Benzo(g,h,i)perylene	ND	0.510		µg/L	1	8/16/2018 8:24:59 PM
Surr: 2,4,6-Tribromophenol	145	18 - 139	S	%Rec	1	8/16/2018 8:24:59 PM
Surr: 2-Fluorobiphenyl	86.7	35 - 136		%Rec	1	8/16/2018 8:24:59 PM
Surr: Nitrobenzene-d5	73.3	34.7 - 136		%Rec	1	8/16/2018 8:24:59 PM
Surr: Phenol-d6	38.6	10 - 103		%Rec	1	8/16/2018 8:24:59 PM
Surr: p-Terphenyl	93.0	23.5 - 156		%Rec	1	8/16/2018 8:24:59 PM

NOTES:
S - Outlying surrogate recovery(ies) observed (high bias).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Gasoline by NWTPH-Gx				Batch ID: 21567		Analyst: KT
Gasoline	ND	4.80		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Surr: Toluene-d8	98.4	65 - 135		%Rec	1	8/11/2018 2:33:02 PM
Surr: 4-Bromofluorobenzene	98.1	65 - 135		%Rec	1	8/11/2018 2:33:02 PM
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21567		Analyst: MW
Dichlorodifluoromethane (CFC-12)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chloromethane	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Vinyl chloride	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromomethane	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Trichlorofluoromethane (CFC-11)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chloroethane	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Methylene chloride	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1-Dichloroethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
2,2-Dichloropropane	ND	0.0961	Q	mg/Kg-dry	1	8/11/2018 2:33:02 PM
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chloroform	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,1-Trichloroethane (TCA)	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1-Dichloropropene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Carbon tetrachloride	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dichloroethane (EDC)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Volatile Organic Compounds by EPA Method 8260C

Batch ID: 21567 Analyst: MW

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dichloropropane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromodichloromethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Dibromomethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
cis-1,3-Dichloropropene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
trans-1,3-Dichloropropylene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,2-Trichloroethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,3-Dichloropropane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Tetrachloroethene (PCE)	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Dibromochloromethane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dibromoethane (EDB)	ND	0.00480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Chlorobenzene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,1,2-Tetrachloroethane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromoform	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,1,2,2-Tetrachloroethane	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Bromobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
2-Chlorotoluene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
4-Chlorotoluene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2,3-Trichloropropane	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2,4-Trichlorobenzene	ND	0.0240		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,3-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,4-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2-Dibromo-3-chloropropane	ND	0.480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Hexachloro-1,3-butadiene	ND	0.0480		mg/Kg-dry	1	8/11/2018 2:33:02 PM
1,2,3-Trichlorobenzene	ND	0.0192		mg/Kg-dry	1	8/11/2018 2:33:02 PM
Surr: Dibromofluoromethane	96.6	56.5 - 129		%Rec	1	8/11/2018 2:33:02 PM
Surr: Toluene-d8	90.4	64.5 - 151		%Rec	1	8/11/2018 2:33:02 PM
Surr: 1-Bromo-4-fluorobenzene	97.2	54.8 - 168		%Rec	1	8/11/2018 2:33:02 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: 21628 Analyst: EM

Dichlorodifluoromethane (CFC-12)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Chloromethane	ND	20.0	D	µg/L	10	8/17/2018 5:28:29 AM
Vinyl chloride	ND	2.00	DQ	µg/L	10	8/17/2018 5:28:29 AM
Bromomethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Trichlorofluoromethane (CFC-11)	ND	10.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
Chloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Volatile Organic Compounds by SW8260/TCLP ZHE Batch ID: 21628 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1-Dichloroethylene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Methylene chloride	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
trans-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Methyl tert-butyl ether (MTBE)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1-Dichloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
2,2-Dichloropropane	ND	20.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
cis-1,2-Dichloroethene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Chloroform	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,1-Trichloroethane (TCA)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Carbon tetrachloride	ND	10.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dichloroethane (EDC)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Benzene	8.86	10.0	JD	µg/L	10	8/17/2018 5:28:29 AM
Trichloroethene (TCE)	ND	5.00	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Bromodichloromethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Dibromomethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
cis-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Toluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
trans-1,3-Dichloropropene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,2-Trichloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,3-Dichloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Dibromochloromethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dibromoethane (EDB)	ND	2.50	D	µg/L	10	8/17/2018 5:28:29 AM
Chlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,1,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Ethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
m,p-Xylene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
o-Xylene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Styrene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Isopropylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Bromoform	ND	20.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,1,2,2-Tetrachloroethane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
n-Propylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Bromobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,3,5-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
2-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
4-Chlorotoluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by SW8260/TCLP ZHE				Batch ID: 21628		Analyst: EM
tert-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,3-Trichloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,4-Trichlorobenzene	ND	20.0	D	µg/L	10	8/17/2018 5:28:29 AM
sec-Butylbenzene	ND	10.0	DQ	µg/L	10	8/17/2018 5:28:29 AM
4-Isopropyltoluene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,3-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,4-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
n-Butylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dichlorobenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2-Dibromo-3-chloropropane	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,4-Trimethylbenzene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
Hexachloro-1,3-butadiene	ND	40.0	D	µg/L	10	8/17/2018 5:28:29 AM
Naphthalene	ND	10.0	D	µg/L	10	8/17/2018 5:28:29 AM
1,2,3-Trichlorobenzene	ND	40.0	D	µg/L	10	8/17/2018 5:28:29 AM
Surr: Dibromofluoromethane	99.4	33.3 - 161	D	%Rec	10	8/17/2018 5:28:29 AM
Surr: Toluene-d8	102	67.3 - 147	D	%Rec	10	8/17/2018 5:28:29 AM
Surr: 4-Bromofluorobenzene	97.7	59.3 - 164	D	%Rec	10	8/17/2018 5:28:29 AM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Mercury by EPA Method 7471				Batch ID: 21566		Analyst: WF
Mercury	ND	0.499		mg/Kg-dry	1	8/10/2018 8:41:56 PM
Mercury (SW7470) with TCLP Extraction (EPA 1311)				Batch ID: 21592		Analyst: WF
Mercury	ND	0.00200		mg/L	1	8/14/2018 5:13:24 PM
Total Metals by EPA Method 6020				Batch ID: 21560		Analyst: WC
Arsenic	18.3	0.380		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Barium	111	0.760		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Cadmium	0.933	0.304		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Chromium	36.2	0.152		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Lead	39.0	0.304		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Selenium	1.78	0.760		mg/Kg-dry	1	8/10/2018 2:50:16 PM
Silver	0.175	0.152		mg/Kg-dry	1	8/10/2018 2:50:16 PM

Analytical Report

Work Order: **1808113**
Date Reported: **8/20/2018**

Client: Widener & Associates
Collection Date: 8/9/2018 10:05:00 AM
Project: POT Rd. Interchange
Lab ID: 1808113-007
Matrix: Soil
Client Sample ID: **ED #5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Metals (EPA 200.8) with TCLP Extraction (EPA 1311)				Batch ID: 21589		Analyst: WC
Arsenic	ND	0.100		mg/L	1	8/14/2018 2:26:09 PM
Barium	ND	0.500		mg/L	1	8/14/2018 2:26:09 PM
Cadmium	ND	0.200		mg/L	1	8/14/2018 2:26:09 PM
Chromium	ND	0.100		mg/L	1	8/14/2018 2:26:09 PM
Lead	ND	0.200		mg/L	1	8/14/2018 2:26:09 PM
Selenium	ND	0.500		mg/L	1	8/14/2018 2:26:09 PM
Silver	ND	0.200		mg/L	1	8/14/2018 2:26:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R45342		Analyst: NG
Percent Moisture	53.6			wt%	1	8/10/2018 9:22:31 AM
Paint Filter by EPA Method 9095B				Batch ID: R45395		Analyst: GM
Paint Filter	Negative	0		%	1	8/13/2018 8:28:15 PM
pH by EPA Method 9045				Batch ID: R45396		Analyst: GM
Hydrogen Ion (pH)	7.05			pH	1	8/13/2018 7:50:00 PM

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

pH by EPA Method 9045

Sample ID	MB-R45396	SampType:	MBLK	Units:	pH	Prep Date:	8/13/2018	RunNo:	45396
Client ID:	MBLKS	Batch ID:	R45396			Analysis Date:	8/13/2018	SeqNo:	878202

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hydrogen Ion (pH)	8.00										

Sample ID	LCS-R45396	SampType:	LCS	Units:	pH	Prep Date:	8/13/2018	RunNo:	45396
Client ID:	LCSS	Batch ID:	R45396			Analysis Date:	8/13/2018	SeqNo:	878203

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hydrogen Ion (pH)	7.09		7.000	0	101	95	105				

Sample ID	1808113-001ADUP	SampType:	DUP	Units:	pH	Prep Date:	8/13/2018	RunNo:	45396
Client ID:	ED #1	Batch ID:	R45396			Analysis Date:	8/13/2018	SeqNo:	878205

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hydrogen Ion (pH)	6.79							6.890	1.46	10	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **MB-21560** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **MBLKS** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877426**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.200									
Barium	ND	0.400									
Cadmium	ND	0.160									
Chromium	ND	0.0800									
Lead	ND	0.160									
Selenium	ND	0.400									
Silver	ND	0.0800									

Sample ID **LCS-21560** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **LCSS** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877429**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	34.7	0.194	38.76	0	89.6	80	120				
Barium	35.1	0.388	38.76	0	90.7	80	120				
Cadmium	1.93	0.155	1.938	0	99.7	80	120				
Chromium	36.7	0.0775	38.76	0	94.8	80	120				
Lead	18.8	0.155	19.38	0	97.1	80	120				
Selenium	3.40	0.388	3.876	0	87.7	80	120				
Silver	8.14	0.0775	9.690	0	84.0	80	120				

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	17.3	0.379						15.65	9.92	20	
Barium	195	0.758						179.1	8.73	20	
Cadmium	1.73	0.303						1.934	11.3	20	
Chromium	33.7	0.152						33.00	2.20	20	
Lead	49.4	0.303						47.82	3.31	20	
Selenium	1.41	0.758						1.287	9.25	20	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	ND	0.152						0.1756	20.8	20	

Sample ID **1808113-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877433**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	79.0	0.374	74.72	15.65	84.8	75	125				
Barium	254	0.747	74.72	179.1	100	75	125				
Cadmium	6.13	0.299	3.736	1.934	112	75	125				
Chromium	100	0.149	74.72	33.00	90.2	75	125				
Lead	80.1	0.299	37.36	47.82	86.4	75	125				
Selenium	7.33	0.747	7.472	1.287	80.9	75	125				
Silver	10.2	0.149	18.68	0.1756	53.9	75	125				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877434**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	78.9	0.374	74.72	15.65	84.7	75	125	79.02	0.106	20	
Barium	231	0.747	74.72	179.1	69.9	75	125	253.9	9.35	20	S
Cadmium	5.25	0.299	3.736	1.934	88.7	75	125	6.128	15.4	20	
Chromium	101	0.149	74.72	33.00	90.5	75	125	100.4	0.214	20	
Lead	76.4	0.299	37.36	47.82	76.6	75	125	80.10	4.68	20	
Selenium	7.39	0.747	7.472	1.287	81.7	75	125	7.333	0.806	20	
Silver	10.2	0.149	18.68	0.1756	53.8	75	125	10.24	0.110	20	S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **1808113-001APDS** SampType: **PDS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45360**
Client ID: **ED #1** Batch ID: **21560** Analysis Date: **8/10/2018** SeqNo: **877435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	130	0.376	50.0	20.8	110	75	125				
Barium	342	0.753	50.0	238	104	75	125				
Cadmium	9.45	0.301	2.50	2.57	138	75	125				S
Chromium	157	0.151	50.0	43.9	114	75	125				
Lead	119	0.301	25.0	63.5	112	75	125				
Selenium	11.7	0.753	5.00	1.71	100	75	125				
Silver	4.06	0.151	2.50	0.233	76.6	75	125				

NOTES:
S - Spike recovery indicates a possible matrix effect. The method is in control as indicated by the Laboratory Control Sample (LCS).

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Mercury by EPA Method 7471

Sample ID	MB-21566	SampType:	MBLK	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	MBLKS	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877602

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.250									

Sample ID	LCS-21566	SampType:	LCS	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	LCSS	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877603

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.564	0.250	0.5000	0	113	80	120				

Sample ID	1808082-001ADUP	SampType:	DUP	Units:	mg/Kg-dry	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	BATCH	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877605

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.260						0		20	

Sample ID	1808082-001AMS	SampType:	MS	Units:	mg/Kg-dry	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	BATCH	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877606

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.572	0.260	0.5201	0.02346	105	70	130				

Sample ID	1808082-001AMSD	SampType:	MSD	Units:	mg/Kg-dry	Prep Date:	8/10/2018	RunNo:	45365
Client ID:	BATCH	Batch ID:	21566			Analysis Date:	8/10/2018	SeqNo:	877607

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.609	0.260	0.5201	0.02346	112	70	130	0.5721	6.17	20	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Mercury (SW7470) with TCLP Extraction (EPA 1311)

Sample ID	MB-21592	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	MBLKS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878658

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200									

Sample ID	LCS-21592	SampType:	LCS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	LCSS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878659

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00261	0.00200	0.002500	0	104	70	130				

Sample ID	1808113-001ADUP	SampType:	DUP	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #1	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878661

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200						0		20	

Sample ID	1808113-001AMS	SampType:	MS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #1	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878662

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00250	0.00200	0.002500	0	100	70	130				

Sample ID	1808113-001AMSD	SampType:	MSD	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #1	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878663

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00231	0.00200	0.002500	0	92.4	70	130	0.002500	7.90	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Mercury (SW7470) with TCLP Extraction (EPA 1311)

Sample ID	MB-21573FB	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	MBLKS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878669

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200									

Sample ID	MB2-21573FB	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	MBLKS	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878670

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.00200									

Sample ID	1808113-005AMS	SampType:	MS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45426
Client ID:	ED #4	Batch ID:	21592			Analysis Date:	8/14/2018	SeqNo:	878673

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00265	0.00200	0.002500	0	106	70	130				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID	MB1-21589	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45418
Client ID:	MBLKS	Batch ID:	21589			Analysis Date:	8/14/2018	SeqNo:	878584

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									
Barium	ND	0.500									
Cadmium	ND	0.200									
Chromium	ND	0.100									
Lead	ND	0.200									
Selenium	ND	0.500									
Silver	ND	0.200									

Sample ID	MB2-21589	SampType:	MBLK	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45418
Client ID:	MBLKS	Batch ID:	21589			Analysis Date:	8/14/2018	SeqNo:	878585

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100									
Barium	ND	0.500									
Cadmium	ND	0.200									
Chromium	ND	0.100									
Lead	ND	0.200									
Selenium	ND	0.500									
Silver	ND	0.200									

Sample ID	LCS-21589	SampType:	LCS	Units:	mg/L	Prep Date:	8/14/2018	RunNo:	45418
Client ID:	LCSS	Batch ID:	21589			Analysis Date:	8/14/2018	SeqNo:	878586

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.81	0.100	5.000	0	96.2	65	135				
Barium	5.13	0.500	5.000	0	103	65	135				
Cadmium	0.243	0.200	0.2500	0	97.3	65	135				
Chromium	4.76	0.100	5.000	0	95.2	65	135				
Lead	2.33	0.200	2.500	0	93.1	65	135				
Selenium	0.471	0.500	0.5000	0	94.1	65	135				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID **LCS-21589** SampType: **LCS** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **LCSS** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878586**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	0.227	0.200	0.2500	0	90.6	65	135				

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #1** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878588**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.100						0		30	
Barium	0.584	0.500						0.6585	11.9	30	
Cadmium	ND	0.200						0		30	
Chromium	ND	0.100						0		30	
Lead	ND	0.200						0		30	
Selenium	ND	0.500						0		30	
Silver	ND	0.200						0		30	

Sample ID **1808113-001AMS** SampType: **MS** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #1** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878589**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.16	0.100	5.000	0	103	65	135				
Barium	5.88	0.500	5.000	0.6585	105	65	135				
Cadmium	0.244	0.200	0.2500	0.006665	94.9	65	135				
Chromium	5.06	0.100	5.000	0	101	65	135				
Lead	2.40	0.200	2.500	0	96.2	65	135				
Selenium	0.509	0.500	0.5000	0	102	65	135				
Silver	0.145	0.200	0.2500	0	57.9	65	135				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Metals (EPA 200.8) with TCLP Extraction (EPA 1311)

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #1** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878590**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.32	0.100	5.000	0	106	65	135	5.156	3.14	30	
Barium	6.18	0.500	5.000	0.6585	110	65	135	5.884	4.91	30	
Cadmium	0.268	0.200	0.2500	0.006665	105	65	135	0.2438	9.43	30	
Chromium	5.34	0.100	5.000	0	107	65	135	5.059	5.36	30	
Lead	2.44	0.200	2.500	0	97.7	65	135	2.404	1.62	30	
Selenium	0.521	0.500	0.5000	0	104	65	135	0.5087	2.44	30	
Silver	0.144	0.200	0.2500	0	57.5	65	135	0		30	S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID **1808113-005AMS** SampType: **MS** Units: **mg/L** Prep Date: **8/14/2018** RunNo: **45418**
Client ID: **ED #4** Batch ID: **21589** Analysis Date: **8/14/2018** SeqNo: **878597**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.94	0.100	5.000	0.1812	95.1	65	135				
Barium	4.82	0.500	5.000	0.2149	92.1	65	135				
Cadmium	0.238	0.200	0.2500	0	95.2	65	135				
Chromium	5.07	0.100	5.000	0.02210	101	65	135				
Lead	2.39	0.200	2.500	0	95.7	65	135				
Selenium	0.501	0.500	0.5000	0	100	65	135				
Silver	0.146	0.200	0.2500	0	58.3	65	135				S

NOTES:
S - Spike recovery indicates a possible matrix effect. The method is in control as indicated by the Laboratory Control Sample (LCS).

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **MB-21562** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **MBLKS** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877909**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.6		20.00		83.0	50	150				
Surr: o-Terphenyl	19.5		20.00		97.6	50	150				

Sample ID **LCS-21562** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **LCSS** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877910**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	470	20.0	500.0	0	94.1	65	135				
Surr: 2-Fluorobiphenyl	16.8		20.00		84.2	50	150				
Surr: o-Terphenyl	19.8		20.00		98.8	50	150				

Sample ID **1808092-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.6						0		30	
Heavy Oil	ND	48.9						0		30	
Surr: 2-Fluorobiphenyl	16.2		19.58		82.7	50	150		0		
Surr: o-Terphenyl	18.3		19.58		93.6	50	150		0		

Sample ID **1808092-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877913**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	436	18.2	456.1	0	95.6	65	135				
Surr: 2-Fluorobiphenyl	15.3		18.24		83.9	50	150				
Surr: o-Terphenyl	18.1		18.24		99.0	50	150				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **1808092-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877913**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **1808092-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **BATCH** Batch ID: **21562** Analysis Date: **8/10/2018** SeqNo: **877914**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	462	18.6	465.1	0	99.4	65	135	435.9	5.91	30	
Surr: 2-Fluorobiphenyl	16.0		18.60		86.1	50	150		0		
Surr: o-Terphenyl	19.6		18.60		106	50	150		0		

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45376**
Client ID: **ED #1** Batch ID: **21562** Analysis Date: **8/11/2018** SeqNo: **877921**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	35.7						41.33	13.8	30	
Diesel Range Organics (C12-C24)	36.0	35.7						41.33	13.8	30	
Heavy Oil	617	89.3						860.8	33.1	30	R
Surr: 2-Fluorobiphenyl	30.7		35.72		85.9	50	150		0		
Surr: o-Terphenyl	34.6		35.72		96.8	50	150		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24).

Sample ID **MB-21575** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **MBLKS** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **877958**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.0		20.00		74.8	50	150				
Surr: o-Terphenyl	16.2		20.00		81.0	50	150				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **MB-21575** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **MBLKS** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **877958**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **LCS-21575** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **LCSS** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **877959**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	504	20.0	500.0	0	101	65	135				
Surr: 2-Fluorobiphenyl	15.8		20.00		79.1	50	150				
Surr: o-Terphenyl	17.8		20.00		89.0	50	150				

Sample ID **1808125-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878262**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.6						0		30	
Heavy Oil	ND	49.0						0		30	
Surr: 2-Fluorobiphenyl	13.8		19.61		70.6	50	150		0		
Surr: o-Terphenyl	15.5		19.61		79.1	50	150		0		

Sample ID **1808125-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	471	20.0	500.8	6.190	92.8	65	135				
Surr: 2-Fluorobiphenyl	14.7		20.03		73.3	50	150				
Surr: o-Terphenyl	17.2		20.03		86.1	50	150				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID **1808125-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878264**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	512	21.1	527.1	6.190	96.0	65	135	471.1	8.33	30	
Surr: 2-Fluorobiphenyl	16.0		21.08		76.0	50	150		0		
Surr: o-Terphenyl	18.2		21.08		86.6	50	150		0		

Sample ID **1808134-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/13/2018** RunNo: **45386**
Client ID: **BATCH** Batch ID: **21575** Analysis Date: **8/13/2018** SeqNo: **878274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.2						0		30	
Heavy Oil	ND	47.9						0		30	
Surr: 2-Fluorobiphenyl	13.8		19.17		72.1	50	150		0		
Surr: o-Terphenyl	15.5		19.17		80.6	50	150		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID	MB-21563	SampType:	MBLK	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45373
Client ID:	MBLKS	Batch ID:	21563			Analysis Date:	8/10/2018	SeqNo:	877683

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.100									
Aroclor 1221	ND	0.100									
Aroclor 1232	ND	0.100									
Aroclor 1242	ND	0.100									
Aroclor 1248	ND	0.100									
Aroclor 1254	ND	0.100									
Aroclor 1260	ND	0.100									
Aroclor 1262	ND	0.100									
Aroclor 1268	ND	0.100									
Total PCBs	ND	0.100									
Surr: Decachlorobiphenyl	64.7		50.00		129	30.8	168				
Surr: Tetrachloro-m-xylene	56.7		50.00		113	30.3	157				

Sample ID	LCS1-21563	SampType:	LCS	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45373
Client ID:	LCSS	Batch ID:	21563			Analysis Date:	8/10/2018	SeqNo:	877684

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.960	0.100	1.000	0	96.0	38.5	149				
Aroclor 1260	1.05	0.100	1.000	0	105	35.4	154				
Surr: Decachlorobiphenyl	66.9		50.00		134	30.8	168				
Surr: Tetrachloro-m-xylene	56.1		50.00		112	30.3	157				

Sample ID	LCS2-21563	SampType:	LCS	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45373
Client ID:	LCSS	Batch ID:	21563			Analysis Date:	8/10/2018	SeqNo:	877685

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.03	0.100	1.000	0	103	31.9	167				
Surr: Decachlorobiphenyl	54.4		50.00		109	30.8	168				
Surr: Tetrachloro-m-xylene	55.7		50.00		111	30.3	157				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID **1808113-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45373**
Client ID: **ED #2** Batch ID: **21563** Analysis Date: **8/10/2018** SeqNo: **877687**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.178						0		30	
Aroclor 1221	ND	0.178						0		30	
Aroclor 1232	ND	0.178						0		30	
Aroclor 1242	ND	0.178						0		30	
Aroclor 1248	ND	0.178						0		30	
Aroclor 1254	ND	0.178						0		30	
Aroclor 1260	ND	0.178						0		30	
Aroclor 1262	ND	0.178						0		30	
Aroclor 1268	ND	0.178						0		30	
Total PCBs	ND	0.178						0		30	
Surr: Decachlorobiphenyl	74.3		89.02		83.5	30.8	168		0		
Surr: Tetrachloro-m-xylene	67.5		89.02		75.8	30.3	157		0		

Sample ID **1808113-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45373**
Client ID: **ED #2** Batch ID: **21563** Analysis Date: **8/10/2018** SeqNo: **877688**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.79	0.176	1.756	0	102	27.1	166				
Aroclor 1260	1.87	0.176	1.756	0.01160	106	20.6	168				
Surr: Decachlorobiphenyl	82.5		87.82		93.9	30.8	168				
Surr: Tetrachloro-m-xylene	71.6		87.82		81.6	30.3	157				

Sample ID **1808113-002AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45373**
Client ID: **ED #2** Batch ID: **21563** Analysis Date: **8/10/2018** SeqNo: **877689**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.76	0.181	1.810	0	97.4	27.1	166	1.795	1.86	30	
Aroclor 1260	1.91	0.181	1.810	0.01160	105	20.6	168	1.867	2.14	30	
Surr: Decachlorobiphenyl	90.8		90.49		100	30.8	168		0		
Surr: Tetrachloro-m-xylene	70.2		90.49		77.6	30.3	157		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID	**1808113-002AMSD**	SampType:	**MSD**	Units:	**mg/Kg-dry**	Prep Date:	**8/10/2018**	RunNo: **45373**
Client ID:	**ED #2**	Batch ID:	**21563**			Analysis Date:	**8/10/2018**	SeqNo: **877689**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID	MB-21565	SampType:	MBLK	Units:	µg/Kg	Prep Date:	8/10/2018	RunNo:	45394
Client ID:	MBLKS	Batch ID:	21565			Analysis Date:	8/13/2018	SeqNo:	878435

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	100									
Bis(2-chloroethyl) ether	ND	100									
2-Chlorophenol	ND	100									
1,3-Dichlorobenzene	ND	75.0									
1,4-Dichlorobenzene	ND	75.0									
1,2-Dichlorobenzene	ND	75.0									
Benzyl alcohol	ND	100									Q
2-Methylphenol (o-cresol)	ND	100									Q
Hexachloroethane	ND	100									
N-Nitrosodi-n-propylamine	ND	100									
Nitrobenzene	ND	100									
Isophorone	ND	100									
3&4-Methylphenol (m, p-cresol)	ND	100									
2-Nitrophenol	ND	100									
2,4-Dimethylphenol	ND	100									Q
Bis(2-chloroethoxy)methane	ND	75.0									
2,4-Dichlorophenol	ND	100									
1,2,4-Trichlorobenzene	ND	75.0									
Naphthalene	ND	50.0									
4-Chloroaniline	ND	75.0									
Hexachlorobutadiene	ND	75.0									
4-Chloro-3-methylphenol	ND	200									Q
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Hexachlorocyclopentadiene	ND	100									
2,4,6-Trichlorophenol	ND	100									
2,4,5-Trichlorophenol	ND	100									
2-Chloronaphthalene	ND	75.0									
2-Nitroaniline	ND	100									
Acenaphthene	ND	50.0									
Dimethylphthalate	ND	100									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID	MB-21565	SampType:	MBLK	Units:	µg/Kg	Prep Date:	8/10/2018	RunNo:	45394
Client ID:	MBLKS	Batch ID:	21565			Analysis Date:	8/13/2018	SeqNo:	878435

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	ND	100									
Acenaphthylene	ND	50.0									
2,4-Dinitrophenol	ND	525									
Dibenzofuran	ND	75.0									
2,4-Dinitrotoluene	ND	100									
4-Nitrophenol	ND	500									
Fluorene	ND	50.0									
4-Chlorophenyl phenyl ether	ND	75.0									
Diethylphthalate	ND	100									
4,6-Dinitro-2-methylphenol	ND	200									
4-Bromophenyl phenyl ether	ND	75.0									
Hexachlorobenzene	ND	75.0									
Pentachlorophenol	ND	100									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Carbazole	ND	75.0									
Di-n-butylphthalate	ND	100									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Butyl Benzylphthalate	ND	100									
bis(2-Ethylhexyl)adipate	ND	100									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
bis (2-Ethylhexyl) phthalate	ND	100									
Di-n-octyl phthalate	ND	100									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **MB-21565** SampType: **MBLK** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **MBLKS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	703		1,000		70.3	14.8	165				
Surr: 2-Fluorobiphenyl	308		500.0		61.6	17.8	151				
Surr: Nitrobenzene-d5	160		500.0		32.1	12.5	163				
Surr: Phenol-d6	828		1,000		82.8	11.6	133				
Surr: p-Terphenyl	550		500.0		110	22	176				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **LCS-21565** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **LCSS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	958	100	1,000	0	95.8	41.8	138				
Bis(2-chloroethyl) ether	970	100	1,000	0	97.0	20.1	145				
2-Chlorophenol	1,020	100	1,000	0	102	42.1	132				
1,3-Dichlorobenzene	894	75.0	1,000	0	89.4	35.9	128				
1,4-Dichlorobenzene	922	75.0	1,000	0	92.2	36.8	131				
1,2-Dichlorobenzene	937	75.0	1,000	0	93.7	41.8	128				
Benzyl alcohol	623	100	1,000	0	62.3	5	148				
2-Methylphenol (o-cresol)	844	100	1,000	0	84.4	47.2	134				
Hexachloroethane	619	100	1,000	0	61.9	25.4	144				
N-Nitrosodi-n-propylamine	1,120	100	1,000	0	112	39.8	135				
Nitrobenzene	1,070	100	1,000	0	107	46	131				
Isophorone	1,130	100	1,000	0	113	62.7	131				
3&4-Methylphenol (m, p-cresol)	438	100	500.0	0	87.6	48.6	128				
2-Nitrophenol	827	100	1,000	0	82.7	22.9	162				
2,4-Dimethylphenol	789	100	1,000	0	78.9	34	131				
Bis(2-chloroethoxy)methane	1,060	75.0	1,000	0	106	30.9	140				
2,4-Dichlorophenol	935	100	1,000	0	93.5	57.1	128				
1,2,4-Trichlorobenzene	1,060	75.0	1,000	0	106	36.2	140				
Naphthalene	1,080	50.0	1,000	0	108	52.9	131				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **LCS-21565** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **LCSS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloroaniline	860	75.0	1,000	0	86.0	10.4	130				
Hexachlorobutadiene	1,070	75.0	1,000	0	107	38.5	138				
4-Chloro-3-methylphenol	831	200	1,000	0	83.1	31.4	148				
2-Methylnaphthalene	1,230	50.0	1,000	0	123	47	132				
1-Methylnaphthalene	1,160	50.0	1,000	0	116	56.4	132				
Hexachlorocyclopentadiene	286	100	1,000	0	28.6	21	130				
2,4,6-Trichlorophenol	1,170	100	1,000	0	117	36.4	132				
2,4,5-Trichlorophenol	1,020	100	1,000	0	102	34.6	133				
2-Chloronaphthalene	1,120	75.0	1,000	0	112	55.7	133				
2-Nitroaniline	1,140	100	1,000	0	114	32.7	162				
Acenaphthene	1,120	50.0	1,000	0	112	49.2	127				
Dimethylphthalate	1,260	100	1,000	0	126	59.2	150				
2,6-Dinitrotoluene	1,100	100	1,000	0	110	45.7	153				
Acenaphthylene	1,180	50.0	1,000	0	118	53.7	137				
2,4-Dinitrophenol	591	525	2,000	0	29.6	7.9	119				
Dibenzofuran	1,150	75.0	1,000	0	115	38.2	125				
2,4-Dinitrotoluene	1,080	100	1,000	0	108	21.9	136				
4-Nitrophenol	1,200	500	1,000	0	120	25.4	138				
Fluorene	1,170	50.0	1,000	0	117	48.5	133				
4-Chlorophenyl phenyl ether	1,150	75.0	1,000	0	115	33.9	145				
Diethylphthalate	1,200	100	1,000	0	120	42.9	132				
4,6-Dinitro-2-methylphenol	343	200	1,000	0	34.3	10.4	129				
4-Bromophenyl phenyl ether	1,160	75.0	1,000	0	116	52.4	135				
Hexachlorobenzene	1,170	75.0	1,000	0	117	39.3	147				
Pentachlorophenol	1,210	100	1,000	0	121	10	123				
Phenanthrene	1,120	50.0	1,000	0	112	47.1	130				
Anthracene	1,160	50.0	1,000	0	116	59.2	135				
Carbazole	1,170	75.0	1,000	0	117	37	148				
Di-n-butylphthalate	1,190	100	1,000	0	119	46.6	145				
Fluoranthene	1,150	50.0	1,000	0	115	51.4	139				
Pyrene	1,160	50.0	1,000	0	116	45.4	140				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **LCS-21565** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **LCSS** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Butyl Benzylphthalate	1,320	100	1,000	0	132	31.1	157				
bis(2-Ethylhexyl)adipate	1,240	100	1,000	0	124	28.7	160				
Benz(a)anthracene	1,160	50.0	1,000	0	116	44	150				
Chrysene	1,170	50.0	1,000	0	117	58.9	129				
bis (2-Ethylhexyl) phthalate	1,230	100	1,000	0	123	36.3	149				
Di-n-octyl phthalate	1,390	100	1,000	0	139	31.5	152				
Benzo(b)fluoranthene	1,240	50.0	1,000	0	124	45.6	146				
Benzo(k)fluoranthene	1,090	50.0	1,000	0	109	45.5	138				
Benzo(a)pyrene	1,110	50.0	1,000	0	111	35.6	148				
Indeno(1,2,3-cd)pyrene	938	50.0	1,000	0	93.8	44.2	146				
Dibenz(a,h)anthracene	1,000	50.0	1,000	0	100	37.5	152				
Benzo(g,h,i)perylene	867	50.0	1,000	0	86.7	24.1	156				
Surr: 2,4,6-Tribromophenol	1,480		1,000		148	14.8	165				
Surr: 2-Fluorobiphenyl	442		500.0		88.4	17.8	151				
Surr: Nitrobenzene-d5	263		500.0		52.7	12.5	163				
Surr: Phenol-d6	924		1,000		92.4	11.6	133				
Surr: p-Terphenyl	609		500.0		122	22	176				

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	192						0		50	
Bis(2-chloroethyl) ether	ND	192						0		50	
2-Chlorophenol	ND	192						0		50	
1,3-Dichlorobenzene	ND	144						0		50	
1,4-Dichlorobenzene	ND	144						0		50	
1,2-Dichlorobenzene	ND	144						0		50	
Benzyl alcohol	ND	192						0		50	Q
2-Methylphenol (o-cresol)	ND	192						0		50	Q

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloroethane	ND	192						0		50	
N-Nitrosodi-n-propylamine	ND	192						0		50	
Nitrobenzene	ND	192						0		50	
Isophorone	ND	192						0		50	
3&4-Methylphenol (m, p-cresol)	ND	192						0		50	
2-Nitrophenol	ND	192						0		50	
2,4-Dimethylphenol	ND	192						0		50	Q
Bis(2-chloroethoxy)methane	ND	144						0		50	
2,4-Dichlorophenol	ND	192						0		50	
1,2,4-Trichlorobenzene	ND	144						0		50	
Naphthalene	ND	95.9						0		50	
4-Chloroaniline	ND	144						0		50	
Hexachlorobutadiene	ND	144						0		50	
4-Chloro-3-methylphenol	ND	384						0		50	Q
2-Methylnaphthalene	ND	95.9						0		50	
1-Methylnaphthalene	ND	95.9						0		50	
Hexachlorocyclopentadiene	ND	192						0		50	
2,4,6-Trichlorophenol	ND	192						0		50	
2,4,5-Trichlorophenol	ND	192						0		50	
2-Chloronaphthalene	ND	144						0		50	
2-Nitroaniline	ND	192						0		50	
Acenaphthene	ND	95.9						0		50	
Dimethylphthalate	ND	192						530.9	183	50	R
2,6-Dinitrotoluene	ND	192						0		50	
Acenaphthylene	ND	95.9						0		50	
2,4-Dinitrophenol	ND	1,010						0		50	
Dibenzofuran	ND	144						0		50	
2,4-Dinitrotoluene	ND	192						0		50	
4-Nitrophenol	ND	959						0		50	
Fluorene	ND	95.9						0		50	
4-Chlorophenyl phenyl ether	ND	144						0		50	

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diethylphthalate	ND	192						0		50	
4,6-Dinitro-2-methylphenol	ND	384						0		50	
4-Bromophenyl phenyl ether	ND	144						0		50	
Hexachlorobenzene	ND	144						0		50	
Pentachlorophenol	ND	192						0		50	
Phenanthrene	ND	95.9						0		50	
Anthracene	ND	95.9						0		50	
Carbazole	ND	144						0		50	
Di-n-butylphthalate	ND	192						0		50	
Fluoranthene	ND	95.9						0		50	
Pyrene	ND	95.9						0		50	
Butyl Benzylphthalate	ND	192						0		50	
bis(2-Ethylhexyl)adipate	ND	192						0		50	
Benz(a)anthracene	ND	95.9						0		50	
Chrysene	ND	95.9						0		50	
bis (2-Ethylhexyl) phthalate	404	192						380.1	6.16	50	
Di-n-octyl phthalate	ND	192						0		50	
Benzo(b)fluoranthene	ND	95.9						0		50	
Benzo(k)fluoranthene	ND	95.9						0		50	
Benzo(a)pyrene	ND	95.9						0		50	
Indeno(1,2,3-cd)pyrene	ND	95.9						0		50	
Dibenz(a,h)anthracene	ND	95.9						0		50	
Benzo(g,h,i)perylene	ND	95.9						0		50	
Surr: 2,4,6-Tribromophenol	2,530		1,918		132	14.8	165		0		
Surr: 2-Fluorobiphenyl	835		959.0		87.1	17.8	151		0		
Surr: Nitrobenzene-d5	712		959.0		74.3	12.5	163		0		
Surr: Phenol-d6	1,690		1,918		88.2	11.6	133		0		
Surr: p-Terphenyl	1,120		959.0		117	22	176		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID	**1808113-001AMS**	SampType:	**MS**	Units:	**µg/Kg-dry**	Prep Date:	**8/10/2018**	RunNo:	**45394**
Client ID:	**ED #1**	Batch ID:	**21565**			Analysis Date:	**8/13/2018**	SeqNo:	**878438**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1,780	200	1,997	0	89.0	29.2	146				
Bis(2-chloroethyl) ether	1,830	200	1,997	0	91.4	34.4	135				
2-Chlorophenol	1,870	200	1,997	0	93.7	44	134				
1,3-Dichlorobenzene	1,560	150	1,997	0	78.3	21.1	133				
1,4-Dichlorobenzene	1,650	150	1,997	0	82.7	20.9	131				
1,2-Dichlorobenzene	1,710	150	1,997	0	85.5	35	131				
Benzyl alcohol	942	200	1,997	0	47.2	10	144				
2-Methylphenol (o-cresol)	1,550	200	1,997	0	77.7	22	128				
Hexachloroethane	979	200	1,997	0	49.0	15.4	139				
N-Nitrosodi-n-propylamine	2,000	200	1,997	0	100	26.4	151				
Nitrobenzene	2,040	200	1,997	0	102	32.2	125				
Isophorone	2,120	200	1,997	0	106	44	127				
3&4-Methylphenol (m, p-cresol)	663	200	998.7	0	66.4	37.6	125				
2-Nitrophenol	1,710	200	1,997	0	85.8	33.5	132				
2,4-Dimethylphenol	612	200	1,997	0	30.6	46	158				S
Bis(2-chloroethoxy)methane	1,970	150	1,997	0	98.8	46.8	121				
2,4-Dichlorophenol	1,950	200	1,997	0	97.8	33.9	133				
1,2,4-Trichlorobenzene	2,060	150	1,997	0	103	29.2	140				
Naphthalene	2,050	99.9	1,997	0	103	32.4	137				
4-Chloroaniline	1,260	150	1,997	0	63.3	27	126				
Hexachlorobutadiene	1,960	150	1,997	0	98.3	38.2	138				
4-Chloro-3-methylphenol	1,540	399	1,997	0	77.3	36.8	159				
2-Methylnaphthalene	2,150	99.9	1,997	0	108	39.3	126				
1-Methylnaphthalene	2,210	99.9	1,997	0	110	32.6	136				
Hexachlorocyclopentadiene	672	200	1,997	0	33.6	10	133				
2,4,6-Trichlorophenol	2,330	200	1,997	0	117	30.6	140				
2,4,5-Trichlorophenol	2,400	200	1,997	0	120	34.1	141				
2-Chloronaphthalene	2,120	150	1,997	0	106	42.1	124				
2-Nitroaniline	2,130	200	1,997	0	107	39.3	145				
Acenaphthene	2,150	99.9	1,997	0	108	49.6	129				
Dimethylphthalate	2,380	200	1,997	530.9	92.7	32.9	137				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878438**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	1,990	200	1,997	0	99.4	30.3	136				
Acenaphthylene	2,290	99.9	1,997	0	115	39.9	129				
2,4-Dinitrophenol	1020	1,050	3,995	0	25.4	5	154				
Dibenzofuran	2,200	150	1,997	0	110	41.2	128				
2,4-Dinitrotoluene	1,890	200	1,997	0	94.6	30.9	139				
4-Nitrophenol	2,220	999	1,997	0	111	15.6	160				
Fluorene	2,240	99.9	1,997	0	112	37.7	133				
4-Chlorophenyl phenyl ether	2,160	150	1,997	0	108	34.5	129				
Diethylphthalate	2,280	200	1,997	55.12	111	36.7	130				
4,6-Dinitro-2-methylphenol	603	399	1,997	0	30.2	21.9	143				
4-Bromophenyl phenyl ether	2,320	150	1,997	0	116	29.7	148				
Hexachlorobenzene	2,300	150	1,997	0	115	34.3	131				
Pentachlorophenol	2,950	200	1,997	0	148	28.2	156				
Phenanthrene	2,150	99.9	1,997	0	107	32.2	139				
Anthracene	2,180	99.9	1,997	0	109	41.2	136				
Carbazole	2,180	150	1,997	0	109	32	147				
Di-n-butylphthalate	2,310	200	1,997	0	116	35.1	142				
Fluoranthene	2,300	99.9	1,997	24.63	114	33.8	141				
Pyrene	2,320	99.9	1,997	28.15	115	31.4	151				
Butyl Benzylphthalate	2,560	200	1,997	0	128	30.4	138				
bis(2-Ethylhexyl)adipate	2,300	200	1,997	0	115	32	136				
Benz(a)anthracene	2,320	99.9	1,997	0	116	36	138				
Chrysene	2,310	99.9	1,997	0	116	25.5	136				
bis (2-Ethylhexyl) phthalate	2,940	200	1,997	380.1	128	40.8	170				
Di-n-octyl phthalate	2,760	200	1,997	0	138	34.6	142				
Benzo(b)fluoranthene	2,650	99.9	1,997	43.93	130	31.8	166				
Benzo(k)fluoranthene	2,060	99.9	1,997	0	103	30.8	152				
Benzo(a)pyrene	2,270	99.9	1,997	28.33	112	31.1	153				
Indeno(1,2,3-cd)pyrene	1,760	99.9	1,997	0	88.2	38.1	155				
Dibenz(a,h)anthracene	1,990	99.9	1,997	0	99.8	40.7	152				
Benzo(g,h,i)perylene	1,700	99.9	1,997	0	85.1	34	157				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878438**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	2,820		1,997		141	14.8	165				
Surr: 2-Fluorobiphenyl	810		998.7		81.1	17.8	151				
Surr: Nitrobenzene-d5	681		998.7		68.2	12.5	163				
Surr: Phenol-d6	1,640		1,997		82.3	11.6	133				
Surr: p-Terphenyl	1,160		998.7		116	22	176				

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1,780	197	1,967	0	90.7	29.2	146	1,778	0.285	50	
Bis(2-chloroethyl) ether	1,590	197	1,967	0	80.8	34.4	135	1,825	13.8	50	
2-Chlorophenol	1,670	197	1,967	0	84.7	44	134	1,871	11.6	50	
1,3-Dichlorobenzene	1,510	148	1,967	0	76.9	21.1	133	1,563	3.29	50	
1,4-Dichlorobenzene	1,530	148	1,967	0	77.8	20.9	131	1,653	7.66	50	
1,2-Dichlorobenzene	1,620	148	1,967	0	82.4	35	131	1,708	5.18	50	
Benzyl alcohol	868	197	1,967	0	44.1	10	144	942.0	8.15	50	
2-Methylphenol (o-cresol)	1,490	197	1,967	0	75.9	22	128	1,553	3.88	50	
Hexachloroethane	983	197	1,967	0	50.0	15.4	139	979.4	0.379	50	
N-Nitrosodi-n-propylamine	1,810	197	1,967	0	92.1	26.4	151	1,998	9.79	50	
Nitrobenzene	1,750	197	1,967	0	88.9	32.2	125	2,036	15.2	50	
Isophorone	1,830	197	1,967	0	93.2	44	127	2,119	14.5	50	
3&4-Methylphenol (m, p-cresol)	770	197	983.5	0	78.3	37.6	125	662.7	15.0	50	
2-Nitrophenol	1,370	197	1,967	0	69.6	33.5	132	1,713	22.3	50	
2,4-Dimethylphenol	535	197	1,967	0	27.2	46	158	611.6	13.4	50	S
Bis(2-chloroethoxy)methane	1,780	148	1,967	0	90.6	46.8	121	1,973	10.2	50	
2,4-Dichlorophenol	1,720	197	1,967	0	87.2	33.9	133	1,954	13.0	50	
1,2,4-Trichlorobenzene	1,870	148	1,967	0	95.1	29.2	140	2,056	9.44	50	
Naphthalene	1,930	98.4	1,967	0	98.3	32.4	137	2,050	5.86	50	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloroaniline	1,130	148	1,967	0	57.4	27	126	1,264	11.3	50	
Hexachlorobutadiene	1,860	148	1,967	0	94.7	38.2	138	1,963	5.18	50	
4-Chloro-3-methylphenol	1,390	393	1,967	0	70.6	36.8	159	1,544	10.6	50	
2-Methylnaphthalene	2,010	98.4	1,967	0	102	39.3	126	2,147	6.42	50	
1-Methylnaphthalene	2,020	98.4	1,967	0	103	32.6	136	2,207	8.79	50	
Hexachlorocyclopentadiene	237	197	1,967	0	12.0	10	133	671.9	95.8	50	R
2,4,6-Trichlorophenol	1,870	197	1,967	0	95.1	30.6	140	2,333	22.0	50	
2,4,5-Trichlorophenol	1,760	197	1,967	0	89.2	34.1	141	2,401	31.1	50	
2-Chloronaphthalene	2,010	148	1,967	0	102	42.1	124	2,123	5.31	50	
2-Nitroaniline	1,970	197	1,967	0	100	39.3	145	2,129	7.76	50	
Acenaphthene	1,980	98.4	1,967	0	101	49.6	129	2,148	8.25	50	
Dimethylphthalate	2,240	197	1,967	530.9	86.7	32.9	137	2,383	6.41	50	
2,6-Dinitrotoluene	1,800	197	1,967	0	91.3	30.3	136	1,986	10.1	50	
Acenaphthylene	2,080	98.4	1,967	0	106	39.9	129	2,288	9.73	50	
2,4-Dinitrophenol	455	1,030	3,934	0	11.6	5	154	0		50	
Dibenzofuran	1,980	148	1,967	0	101	41.2	128	2,203	10.7	50	
2,4-Dinitrotoluene	1,740	197	1,967	0	88.5	30.9	139	1,890	8.21	50	
4-Nitrophenol	1,990	984	1,967	0	101	15.6	160	2,222	11.3	50	
Fluorene	2,000	98.4	1,967	0	101	37.7	133	2,236	11.3	50	
4-Chlorophenyl phenyl ether	2,020	148	1,967	0	103	34.5	129	2,157	6.56	50	
Diethylphthalate	2,050	197	1,967	55.12	102	36.7	130	2,277	10.4	50	
4,6-Dinitro-2-methylphenol	318	393	1,967	0	16.2	21.9	143	602.7	61.9	50	S
4-Bromophenyl phenyl ether	2,040	148	1,967	0	104	29.7	148	2,319	12.7	50	
Hexachlorobenzene	1,990	148	1,967	0	101	34.3	131	2,297	14.4	50	
Pentachlorophenol	2,600	197	1,967	0	132	28.2	156	2,951	12.7	50	
Phenanthrene	2,030	98.4	1,967	0	103	32.2	139	2,147	5.37	50	
Anthracene	2,020	98.4	1,967	0	103	41.2	136	2,181	7.60	50	
Carbazole	2,110	148	1,967	0	107	32	147	2,181	3.41	50	
Di-n-butylphthalate	2,160	197	1,967	0	110	35.1	142	2,313	6.84	50	
Fluoranthene	2,110	98.4	1,967	24.63	106	33.8	141	2,304	8.85	50	
Pyrene	2,190	98.4	1,967	28.15	110	31.4	151	2,321	5.87	50	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Semi-Volatile Organic Compounds by EPA Method 8270

Sample ID **1808113-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45394**
Client ID: **ED #1** Batch ID: **21565** Analysis Date: **8/13/2018** SeqNo: **878439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Butyl Benzylphthalate	2,370	197	1,967	0	121	30.4	138	2,558	7.48	50	
bis(2-Ethylhexyl)adipate	2,100	197	1,967	0	107	32	136	2,304	9.29	50	
Benz(a)anthracene	2,140	98.4	1,967	0	109	36	138	2,315	7.66	50	
Chrysene	2,120	98.4	1,967	0	108	25.5	136	2,312	8.76	50	
bis (2-Ethylhexyl) phthalate	2,880	197	1,967	380.1	127	40.8	170	2,937	1.96	50	
Di-n-octyl phthalate	2,450	197	1,967	0	124	34.6	142	2,759	12.0	50	
Benzo(b)fluoranthene	2,240	98.4	1,967	43.93	112	31.8	166	2,650	16.6	50	
Benzo(k)fluoranthene	1,800	98.4	1,967	0	91.5	30.8	152	2,057	13.3	50	
Benzo(a)pyrene	1,910	98.4	1,967	28.33	95.4	31.1	153	2,271	17.5	50	
Indeno(1,2,3-cd)pyrene	1,540	98.4	1,967	0	78.2	38.1	155	1,762	13.5	50	
Dibenz(a,h)anthracene	1,640	98.4	1,967	0	83.2	40.7	152	1,994	19.7	50	
Benzo(g,h,i)perylene	1,400	98.4	1,967	0	71.1	34	157	1,699	19.3	50	
Surr: 2,4,6-Tribromophenol	2,620		1,967		133	14.8	165		0		
Surr: 2-Fluorobiphenyl	850		983.5		86.4	17.8	151		0		
Surr: Nitrobenzene-d5	758		983.5		77.1	12.5	163		0		
Surr: Phenol-d6	1,620		1,967		82.4	11.6	133		0		
Surr: p-Terphenyl	1,090		983.5		111	22	176		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB-21591**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880784**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	2.00									
2-Chlorophenol	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
Benzyl alcohol	ND	1.00									Q
Bis(2-chloroethyl) ether	ND	2.00									
2-Methylphenol (o-cresol)	ND	1.00									
Hexachloroethane	ND	1.00									
N-Nitrosodi-n-propylamine	ND	1.00									
Nitrobenzene	ND	2.00									
Isophorone	ND	1.00									
3&4-Methylphenol (m, p-cresol)	ND	1.00									Q*
2-Nitrophenol	ND	2.00									
2,4-Dimethylphenol	ND	1.00									
Bis(2-chloroethoxy)methane	ND	1.00									
2,4-Dichlorophenol	ND	2.00									
1,2,4-Trichlorobenzene	ND	1.00									
Naphthalene	ND	0.500									
4-Chloroaniline	ND	5.00									
Hexachlorobutadiene	ND	1.00									
4-Chloro-3-methylphenol	ND	5.00									
2-Methylnaphthalene	ND	0.500									
1-Methylnaphthalene	ND	0.500									
Hexachlorocyclopentadiene	ND	1.00									Q
2,4,6-Trichlorophenol	ND	2.00									
2,4,5-Trichlorophenol	ND	2.00									
2-Chloronaphthalene	ND	1.00									
2-Nitroaniline	ND	5.00									
Acenaphthene	ND	0.500									
Dimethylphthalate	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB-21591**	SampType:	**MBLK**			Units:	**µg/L**	Prep Date:	**8/14/2018**		RunNo:	**45519**	
Client ID:	**MBLKS**	Batch ID:	**21591**					Analysis Date:	**8/16/2018**		SeqNo:	**880784**	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,6-Dinitrotoluene	ND	1.00									
Acenaphthylene	ND	0.500									
2,4-Dinitrophenol	ND	2.00									Q*
Dibenzofuran	ND	1.00									
2,4-Dinitrotoluene	ND	1.00									
4-Nitrophenol	ND	5.00									
Fluorene	ND	0.500									
4-Chlorophenyl phenyl ether	ND	1.00									
Diethylphthalate	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	5.00									Q*
4-Bromophenyl phenyl ether	ND	1.00									
Hexachlorobenzene	ND	1.00									
Pentachlorophenol	ND	2.00									Q
Phenanthrene	ND	0.500									
Anthracene	ND	0.500									
Carbazole	ND	5.00									
Di-n-butyl phthalate	ND	1.00									
Fluoranthene	ND	0.500									
Pyrene	ND	0.500									
Benzyl Butylphthalate	ND	1.00									
bis(2-Ethylhexyl)adipate	ND	1.00									
Benz(a)anthracene	ND	0.500									
Chrysene	ND	0.500									
Bis(2-ethylhexyl) phthalate	ND	1.00									
Di-n-octyl phthalate	ND	1.00									
Benzo(b)fluoranthene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB-21591**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880784**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	4.40		4.000		110	18	139				
Surr: 2-Fluorobiphenyl	1.33		2.000		66.6	35	136				
Surr: Nitrobenzene-d5	0.959		2.000		48.0	34.7	136				
Surr: Phenol-d6	0.789		4.000		19.7	10	72.6				
Surr: p-Terphenyl	1.77		2.000		88.6	23.5	156				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Sample ID	**MB 1-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	2.00									
2-Chlorophenol	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
Benzyl alcohol	ND	1.00									Q
Bis(2-chloroethyl) ether	ND	2.00									
2-Methylphenol (o-cresol)	ND	1.00									
Hexachloroethane	ND	1.00									
N-Nitrosodi-n-propylamine	ND	1.00									
Nitrobenzene	ND	2.00									
Isophorone	ND	1.00									
3&4-Methylphenol (m, p-cresol)	ND	1.00									Q*
2-Nitrophenol	ND	2.00									
2,4-Dimethylphenol	ND	1.00									
Bis(2-chloroethoxy)methane	ND	1.00									
2,4-Dichlorophenol	ND	2.00									
1,2,4-Trichlorobenzene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB 1-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo: **45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo: **880785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.500									
4-Chloroaniline	ND	5.00									
Hexachlorobutadiene	ND	1.00									
4-Chloro-3-methylphenol	ND	5.00									
2-Methylnaphthalene	ND	0.500									
1-Methylnaphthalene	ND	0.500									
Hexachlorocyclopentadiene	ND	1.00									Q
2,4,6-Trichlorophenol	ND	2.00									
2,4,5-Trichlorophenol	ND	2.00									
2-Chloronaphthalene	ND	1.00									
2-Nitroaniline	ND	5.00									
Acenaphthene	ND	0.500									
Dimethylphthalate	ND	1.00									
2,6-Dinitrotoluene	ND	1.00									
Acenaphthylene	ND	0.500									
2,4-Dinitrophenol	ND	2.00									Q*
Dibenzofuran	ND	1.00									
2,4-Dinitrotoluene	ND	1.00									
4-Nitrophenol	ND	5.00									
Fluorene	ND	0.500									
4-Chlorophenyl phenyl ether	ND	1.00									
Diethylphthalate	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	5.00									Q*
4-Bromophenyl phenyl ether	ND	1.00									
Hexachlorobenzene	ND	1.00									
Pentachlorophenol	ND	2.00									Q
Phenanthrene	ND	0.500									
Anthracene	ND	0.500									
Carbazole	ND	5.00									
Di-n-butyl phthalate	ND	1.00									
Fluoranthene	ND	0.500									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **MB 1-TCLP** SampType: **MBLK** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **MBLKS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	ND	0.500									
Benzyl Butylphthalate	ND	1.00									
bis(2-Ethylhexyl)adipate	ND	1.00									
Benz(a)anthracene	ND	0.500									
Chrysene	ND	0.500									
Bis(2-ethylhexyl) phthalate	ND	1.00									
Di-n-octyl phthalate	ND	1.00									
Benzo(b)fluoranthene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									
Surr: 2,4,6-Tribromophenol	5.19		4.000		130	18	139				
Surr: 2-Fluorobiphenyl	1.86		2.000		92.8	35	136				
Surr: Nitrobenzene-d5	1.58		2.000		78.9	34.7	136				
Surr: Phenol-d6	1.22		4.000		30.6	10	72.6				
Surr: p-Terphenyl	2.04		2.000		102	23.5	156				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Sample ID **MB 2-TCLP** SampType: **MBLK** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **MBLKS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	ND	2.00									
2-Chlorophenol	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB 2-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo: **45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo: **880786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzyl alcohol	ND	1.00									Q
Bis(2-chloroethyl) ether	ND	2.00									
2-Methylphenol (o-cresol)	ND	1.00									
Hexachloroethane	ND	1.00									
N-Nitrosodi-n-propylamine	ND	1.00									
Nitrobenzene	ND	2.00									
Isophorone	ND	1.00									
3&4-Methylphenol (m, p-cresol)	ND	1.00									Q*
2-Nitrophenol	ND	2.00									
2,4-Dimethylphenol	ND	1.00									
Bis(2-chloroethoxy)methane	ND	1.00									
2,4-Dichlorophenol	ND	2.00									
1,2,4-Trichlorobenzene	ND	1.00									
Naphthalene	ND	0.500									
4-Chloroaniline	ND	5.00									
Hexachlorobutadiene	ND	1.00									
4-Chloro-3-methylphenol	ND	5.00									
2-Methylnaphthalene	ND	0.500									
1-Methylnaphthalene	ND	0.500									
Hexachlorocyclopentadiene	ND	1.00									Q
2,4,6-Trichlorophenol	ND	2.00									
2,4,5-Trichlorophenol	ND	2.00									
2-Chloronaphthalene	ND	1.00									
2-Nitroaniline	ND	5.00									
Acenaphthene	ND	0.500									
Dimethylphthalate	ND	1.00									
2,6-Dinitrotoluene	ND	1.00									
Acenaphthylene	ND	0.500									
2,4-Dinitrophenol	ND	2.00									Q*
Dibenzofuran	ND	1.00									
2,4-Dinitrotoluene	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **MB 2-TCLP**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **8/14/2018**	RunNo: **45519**	
Client ID: **MBLKS**	Batch ID: **21591**		Analysis Date: **8/16/2018**	SeqNo: **880786**	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitrophenol	ND	5.00									
Fluorene	ND	0.500									
4-Chlorophenyl phenyl ether	ND	1.00									
Diethylphthalate	ND	1.00									
4,6-Dinitro-2-methylphenol	ND	5.00									Q*
4-Bromophenyl phenyl ether	ND	1.00									
Hexachlorobenzene	ND	1.00									
Pentachlorophenol	ND	2.00									Q
Phenanthrene	ND	0.500									
Anthracene	ND	0.500									
Carbazole	ND	5.00									
Di-n-butyl phthalate	ND	1.00									
Fluoranthene	ND	0.500									
Pyrene	ND	0.500									
Benzyl Butylphthalate	ND	1.00									
bis(2-Ethylhexyl)adipate	ND	1.00									
Benz(a)anthracene	ND	0.500									
Chrysene	ND	0.500									
Bis(2-ethylhexyl) phthalate	ND	1.00									
Di-n-octyl phthalate	ND	1.00									
Benzo(b)fluoranthene	ND	0.500									
Benzo(k)fluoranthene	ND	0.500									
Benzo(a)pyrene	ND	0.500									
Indeno(1,2,3-cd)pyrene	ND	0.500									
Dibenz(a,h)anthracene	ND	0.500									
Benzo(g,h,i)perylene	ND	0.500									
Surr: 2,4,6-Tribromophenol	5.10		4.000		128	18	139				
Surr: 2-Fluorobiphenyl	1.81		2.000		90.4	35	136				
Surr: Nitrobenzene-d5	1.47		2.000		73.3	34.7	136				
Surr: Phenol-d6	1.17		4.000		29.3	10	72.6				
Surr: p-Terphenyl	2.09		2.000		105	23.5	156				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**MB 2-TCLP**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**MBLKS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
* - Flagged value is not within established control limits.

Sample ID	**LCS-21591**	SampType:	**LCS**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**LCSS**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1.70	2.00	4.000	0	42.6	20	86.2				
2-Chlorophenol	2.43	1.00	4.000	0	60.8	25	112				
1,3-Dichlorobenzene	2.67	1.00	4.000	0	66.8	25	108				
1,4-Dichlorobenzene	2.67	1.00	4.000	0	66.9	25	110				
1,2-Dichlorobenzene	2.75	1.00	4.000	0	68.8	25	109				
Benzyl alcohol	1.64	1.00	4.000	0	40.9	20	96.5				
Bis(2-chloroethyl) ether	2.39	2.00	4.000	0	59.8	25	111				
2-Methylphenol (o-cresol)	2.02	1.00	4.000	0	50.5	25	101				
Hexachloroethane	2.34	1.00	4.000	0	58.4	25	109				
N-Nitrosodi-n-propylamine	2.74	1.00	4.000	0	68.6	25	122				
Nitrobenzene	2.74	2.00	4.000	0	68.5	25	110				
Isophorone	3.00	1.00	4.000	0	75.0	25	126				
3&4-Methylphenol (m, p-cresol)	0.945	1.00	4.000	0	23.6	25	113				S
2-Nitrophenol	3.08	2.00	4.000	0	76.9	25	126				
2,4-Dimethylphenol	2.61	1.00	4.000	0	65.2	25	124				
Bis(2-chloroethoxy)methane	2.85	1.00	4.000	0	71.2	25	121				
2,4-Dichlorophenol	3.26	2.00	4.000	0	81.4	29.1	110				
1,2,4-Trichlorobenzene	3.04	1.00	4.000	0	76.0	25	113				
Naphthalene	3.17	0.500	4.000	0	79.3	25	115				
4-Chloroaniline	3.18	5.00	4.000	0	79.6	25	136				
Hexachlorobutadiene	3.02	1.00	4.000	0	75.6	25	111				
4-Chloro-3-methylphenol	2.56	5.00	4.000	0	63.9	32.3	122				
2-Methylnaphthalene	3.57	0.500	4.000	0	89.2	25	119				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **LCS-21591** SampType: **LCS** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	3.44	0.500	4.000	0	86.0	25	117				
Hexachlorocyclopentadiene	2.49	1.00	4.000	0	62.3	25	125				
2,4,6-Trichlorophenol	3.96	2.00	4.000	0	98.9	25	133				
2,4,5-Trichlorophenol	3.71	2.00	4.000	0	92.8	25	125				
2-Chloronaphthalene	3.53	1.00	4.000	0	88.2	25	121				
2-Nitroaniline	3.43	5.00	4.000	0	85.7	25	121				
Acenaphthene	3.64	0.500	4.000	0	90.9	25	120				
Dimethylphthalate	3.97	1.00	4.000	0	99.2	25	133				
2,6-Dinitrotoluene	3.88	1.00	4.000	0	97.1	25	131				
Acenaphthylene	3.74	0.500	4.000	0	93.6	25	128				
2,4-Dinitrophenol	0.231	2.00	4.000	0	5.79	39.2	124				S
Dibenzofuran	3.72	1.00	4.000	0	93.0	25	121				
2,4-Dinitrotoluene	4.07	1.00	4.000	0	102	25	132				
4-Nitrophenol	3.53	5.00	4.000	0	88.3	20	106				
Fluorene	3.79	0.500	4.000	0	94.8	25	127				
4-Chlorophenyl phenyl ether	3.88	1.00	4.000	0	97.1	25	124				
Diethylphthalate	3.89	1.00	4.000	0	97.2	31.3	142				
4,6-Dinitro-2-methylphenol	0.473	5.00	4.000	0	11.8	25	139				S
4-Bromophenyl phenyl ether	3.92	1.00	4.000	0	98.0	25	130				
Hexachlorobenzene	3.82	1.00	4.000	0	95.5	29	120				
Pentachlorophenol	1.79	2.00	4.000	0	44.8	20	137				
Phenanthrene	3.71	0.500	4.000	0	92.8	34	125				
Anthracene	3.38	0.500	4.000	0	84.5	27.7	134				
Carbazole	3.91	5.00	4.000	0	97.7	27.9	150				
Di-n-butyl phthalate	3.76	1.00	4.000	0	94.1	49.9	124				
Fluoranthene	3.73	0.500	4.000	0	93.3	34.8	143				
Pyrene	3.77	0.500	4.000	0	94.1	35.5	140				
Benzyl Butylphthalate	3.72	1.00	4.000	0	93.1	51.4	144				
bis(2-Ethylhexyl)adipate	2.77	1.00	4.000	0	69.4	40.1	152				
Benz(a)anthracene	3.62	0.500	4.000	0	90.5	27.2	132				
Chrysene	3.63	0.500	4.000	0	90.8	39.5	123				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **LCS-21591** SampType: **LCS** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-ethylhexyl) phthalate	2.85	1.00	4.000	0	71.3	37.6	141				
Di-n-octyl phthalate	2.91	1.00	4.000	0	72.8	39.1	143				
Benzo(b)fluoranthene	3.62	0.500	4.000	0	90.6	37.8	123				
Benzo(k)fluoranthene	3.37	0.500	4.000	0	84.2	25	144				
Benzo(a)pyrene	3.23	0.500	4.000	0	80.8	24.9	125				
Indeno(1,2,3-cd)pyrene	3.04	0.500	4.000	0	76.1	25	127				
Dibenz(a,h)anthracene	3.16	0.500	4.000	0	78.9	25	132				
Benzo(g,h,i)perylene	2.93	0.500	4.000	0	73.1	25	133				
Surr: 2,4,6-Tribromophenol	4.53		4.000		113	18	139				
Surr: 2-Fluorobiphenyl	1.87		2.000		93.6	35	136				
Surr: Nitrobenzene-d5	1.48		2.000		74.0	34.7	136				
Surr: Phenol-d6	1.04		4.000		25.9	10	72.6				
Surr: p-Terphenyl	2.00		2.000		100	23.5	156				

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a *.

Sample ID **LCSD-21591** SampType: **LCSD** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS02** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880788**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	1.59	2.00	4.000	0	39.9	20	86.2	0		30	
2-Chlorophenol	2.06	1.00	4.000	0	51.4	25	112	2.432	16.8	30	
1,3-Dichlorobenzene	2.19	1.00	4.000	0	54.8	25	108	2.672	19.7	30	
1,4-Dichlorobenzene	2.23	1.00	4.000	0	55.7	25	110	2.675	18.2	30	
1,2-Dichlorobenzene	2.27	1.00	4.000	0	56.7	25	109	2.752	19.4	30	
Benzyl alcohol	1.44	1.00	4.000	0	35.9	20	96.5	1.636	13.0	30	
Bis(2-chloroethyl) ether	2.09	2.00	4.000	0	52.3	25	111	2.393	13.4	30	
2-Methylphenol (o-cresol)	1.88	1.00	4.000	0	46.9	25	101	2.022	7.52	30	
Hexachloroethane	1.78	1.00	4.000	0	44.5	25	109	2.337	27.0	30	
N-Nitrosodi-n-propylamine	2.53	1.00	4.000	0	63.3	25	122	2.743	7.97	30	
Nitrobenzene	2.45	2.00	4.000	0	61.2	25	110	2.739	11.2	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID **LCSD-21591** SampType: **LCSD** Units: **µg/L** Prep Date: **8/14/2018** RunNo: **45519**
Client ID: **LCSS02** Batch ID: **21591** Analysis Date: **8/16/2018** SeqNo: **880788**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Isophorone	2.73	1.00	4.000	0	68.2	25	126	2.998	9.45	30	
3&4-Methylphenol (m, p-cresol)	0.893	1.00	4.000	0	22.3	25	113	0		30	S
2-Nitrophenol	2.73	2.00	4.000	0	68.2	25	126	3.075	12.0	30	
2,4-Dimethylphenol	2.39	1.00	4.000	0	59.8	25	124	2.607	8.54	30	
Bis(2-chloroethoxy)methane	2.55	1.00	4.000	0	63.6	25	121	2.849	11.3	30	
2,4-Dichlorophenol	2.93	2.00	4.000	0	73.2	29.1	110	3.257	10.7	30	
1,2,4-Trichlorobenzene	2.57	1.00	4.000	0	64.3	25	113	3.040	16.6	30	
Naphthalene	2.91	0.500	4.000	0	72.7	25	115	3.172	8.69	30	
4-Chloroaniline	3.11	5.00	4.000	0	77.7	25	136	0		30	
Hexachlorobutadiene	2.48	1.00	4.000	0	61.9	25	111	3.022	19.9	30	
4-Chloro-3-methylphenol	2.41	5.00	4.000	0	60.1	32.3	122	0		30	
2-Methylnaphthalene	3.25	0.500	4.000	0	81.3	25	119	3.566	9.21	30	
1-Methylnaphthalene	3.12	0.500	4.000	0	77.9	25	117	3.438	9.82	30	
Hexachlorocyclopentadiene	2.01	1.00	4.000	0	50.3	25	125	2.493	21.4	30	
2,4,6-Trichlorophenol	3.78	2.00	4.000	0	94.5	25	133	3.957	4.53	30	
2,4,5-Trichlorophenol	3.68	2.00	4.000	0	91.9	25	125	3.711	0.950	30	
2-Chloronaphthalene	3.26	1.00	4.000	0	81.5	25	121	3.527	7.84	30	
2-Nitroaniline	3.41	5.00	4.000	0	85.2	25	121	0		30	
Acenaphthene	3.50	0.500	4.000	0	87.4	25	120	3.638	4.00	30	
Dimethylphthalate	4.10	1.00	4.000	0	102	25	133	3.966	3.28	30	
2,6-Dinitrotoluene	3.95	1.00	4.000	0	98.8	25	131	3.883	1.79	30	
Acenaphthylene	3.65	0.500	4.000	0	91.2	25	128	3.742	2.60	30	
2,4-Dinitrophenol	1.13	2.00	4.000	0	28.2	39.2	124	0		30	S
Dibenzofuran	3.57	1.00	4.000	0	89.3	25	121	3.719	4.06	30	
2,4-Dinitrotoluene	4.30	1.00	4.000	0	107	25	132	4.072	5.42	30	
4-Nitrophenol	3.31	5.00	4.000	0	82.8	20	106	0		30	
Fluorene	3.63	0.500	4.000	0	90.8	25	127	3.792	4.29	30	
4-Chlorophenyl phenyl ether	3.66	1.00	4.000	0	91.5	25	124	3.883	5.88	30	
Diethylphthalate	3.95	1.00	4.000	0	98.8	31.3	142	3.887	1.61	30	
4,6-Dinitro-2-methylphenol	1.09	5.00	4.000	0	27.2	25	139	0		30	
4-Bromophenyl phenyl ether	4.07	1.00	4.000	0	102	25	130	3.921	3.76	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

SVOC (SW8270) with TCLP Extraction (EPA 1311)

Sample ID	**LCSD-21591**	SampType:	**LCSD**	Units:	**µg/L**	Prep Date:	**8/14/2018**	RunNo:	**45519**
Client ID:	**LCSS02**	Batch ID:	**21591**			Analysis Date:	**8/16/2018**	SeqNo:	**880788**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	3.87	1.00	4.000	0	96.8	29	120	3.821	1.30	30	
Pentachlorophenol	2.73	2.00	4.000	0	68.3	20	137	1.792	41.5	30	
Phenanthrene	3.88	0.500	4.000	0	97.1	34	125	3.711	4.53	30	
Anthracene	3.66	0.500	4.000	0	91.6	27.7	134	3.380	8.08	30	
Carbazole	4.36	5.00	4.000	0	109	27.9	150	0		30	
Di-n-butyl phthalate	4.35	1.00	4.000	0	109	49.9	124	3.763	14.4	30	
Fluoranthene	4.20	0.500	4.000	0	105	34.8	143	3.730	11.9	30	
Pyrene	4.28	0.500	4.000	0	107	35.5	140	3.765	12.9	30	
Benzyl Butylphthalate	4.32	1.00	4.000	0	108	51.4	144	3.723	14.9	30	
bis(2-Ethylhexyl)adipate	3.50	1.00	4.000	0	87.5	40.1	152	2.774	23.1	30	
Benz(a)anthracene	4.18	0.500	4.000	0	104	27.2	132	3.620	14.3	30	
Chrysene	4.22	0.500	4.000	0	105	39.5	123	3.634	14.8	30	
Bis(2-ethylhexyl) phthalate	3.56	1.00	4.000	0	89.1	37.6	141	2.852	22.2	30	
Di-n-octyl phthalate	3.57	1.00	4.000	0	89.3	39.1	143	2.913	20.3	30	
Benzo(b)fluoranthene	4.39	0.500	4.000	0	110	37.8	123	3.623	19.1	30	
Benzo(k)fluoranthene	3.60	0.500	4.000	0	89.9	25	144	3.369	6.52	30	
Benzo(a)pyrene	3.75	0.500	4.000	0	93.8	24.9	125	3.231	14.9	30	
Indeno(1,2,3-cd)pyrene	3.63	0.500	4.000	0	90.7	25	127	3.045	17.5	30	
Dibenz(a,h)anthracene	3.72	0.500	4.000	0	93.0	25	132	3.158	16.3	30	
Benzo(g,h,i)perylene	3.48	0.500	4.000	0	86.9	25	133	2.925	17.2	30	
Surr: 2,4,6-Tribromophenol	4.66		4.000		117	18	139		0		
Surr: 2-Fluorobiphenyl	1.53		2.000		76.5	35	136		0		
Surr: Nitrobenzene-d5	1.15		2.000		57.7	34.7	136		0		
Surr: Phenol-d6	0.959		4.000		24.0	10	72.6		0		
Surr: p-Terphenyl	2.03		2.000		102	23.5	156		0		

NOTES:
S - Outlying spike recovery observed (low bias). Samples will be qualified with a *.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **LCS-21567** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **LCSS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877772**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.0	5.00	25.00	0	92.0	65	135				
Surr: Toluene-d8	1.25		1.250		99.9	65	135				
Surr: 4-Bromofluorobenzene	1.28		1.250		102	65	135				

Sample ID **MB-21567** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **MBLKS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877773**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.24		1.250		99.2	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.250		101	65	135				

Sample ID **1808092-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	3.67						0		30	
Surr: Toluene-d8	0.911		0.9187		99.1	65	135		0		
Surr: 4-Bromofluorobenzene	0.939		0.9187		102	65	135		0		

Sample ID **1808092-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877759**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	2.98						0		30	
Surr: Toluene-d8	0.732		0.7448		98.2	65	135		0		
Surr: 4-Bromofluorobenzene	0.743		0.7448		99.8	65	135		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1808113-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **ED #2** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877762**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	42.9	6.40	32.00	0	134	65	135				
Surr: Toluene-d8	1.58		1.600		98.5	65	135				
Surr: 4-Bromofluorobenzene	1.60		1.600		100	65	135				

Sample ID **1808113-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45377**
Client ID: **ED #2** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877763**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	32.6	6.40	32.00	0	102	65	135	42.88	27.1	30	
Surr: Toluene-d8	1.57		1.600		98.3	65	135		0		
Surr: 4-Bromofluorobenzene	1.60		1.600		100	65	135		0		

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21567** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **LCSS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877870**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.03	0.0200	1.000	0	103	14.3	167				
Chloromethane	0.936	0.0500	1.000	0	93.6	32	156				
Vinyl chloride	1.13	0.0250	1.000	0	113	43.4	151				
Bromomethane	1.87	0.0500	1.000	0	187	35	155				S
Trichlorofluoromethane (CFC-11)	2.00	0.0200	1.000	0	200	33.8	156				S
Chloroethane	1.78	0.0500	1.000	0	178	33.1	147				S
1,1-Dichloroethene	1.33	0.0200	1.000	0	133	30.9	145				
Methylene chloride	1.26	0.0200	1.000	0	126	46.3	140				
trans-1,2-Dichloroethene	1.31	0.0200	1.000	0	131	68	130				S
1,1-Dichloroethane	1.22	0.0200	1.000	0	122	61.9	137				
2,2-Dichloropropane	1.06	0.100	1.000	0	106	35.5	186				
cis-1,2-Dichloroethene	1.11	0.0200	1.000	0	111	71.3	135				
Chloroform	1.13	0.0200	1.000	0	113	69	145				
1,1,1-Trichloroethane (TCA)	1.13	0.0250	1.000	0	113	69	132				
1,1-Dichloropropene	1.14	0.0200	1.000	0	114	72.7	131				
Carbon tetrachloride	1.06	0.0250	1.000	0	106	63.4	137				
1,2-Dichloroethane (EDC)	1.15	0.0200	1.000	0	115	50.9	162				
Trichloroethene (TCE)	1.09	0.0200	1.000	0	109	65.5	137				
1,2-Dichloropropane	1.09	0.0200	1.000	0	109	63.2	142				
Bromodichloromethane	1.16	0.0200	1.000	0	116	53.4	131				
Dibromomethane	1.16	0.0200	1.000	0	116	60.1	146				
cis-1,3-Dichloropropene	1.11	0.0200	1.000	0	111	59.1	143				
trans-1,3-Dichloropropylene	1.05	0.0200	1.000	0	105	49.2	149				
1,1,2-Trichloroethane	1.15	0.0200	1.000	0	115	56.9	147				
1,3-Dichloropropane	1.16	0.0250	1.000	0	116	56.1	153				
Tetrachloroethene (PCE)	1.26	0.0250	1.000	0	126	52.7	150				
Dibromochloromethane	1.12	0.0250	1.000	0	112	70.6	144				
1,2-Dibromoethane (EDB)	1.14	0.00500	1.000	0	114	50.5	154				
Chlorobenzene	1.04	0.0250	1.000	0	104	84.9	125				
1,1,1,2-Tetrachloroethane	1.04	0.0250	1.000	0	104	65.9	141				
Bromoform	1.01	0.0500	1.000	0	101	44.3	130				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21567** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **LCSS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877870**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	0.859	0.0200	1.000	0	85.9	44.8	165				
Bromobenzene	0.983	0.0200	1.000	0	98.3	49.2	144				
2-Chlorotoluene	1.02	0.0250	1.000	0	102	76.7	129				
4-Chlorotoluene	1.03	0.0250	1.000	0	103	77.5	125				
1,2,3-Trichloropropane	0.839	0.0250	1.000	0	83.9	67.9	136				
1,2,4-Trichlorobenzene	1.02	0.0250	1.000	0	102	65.5	150				
1,3-Dichlorobenzene	1.09	0.0200	1.000	0	109	48.6	144				
1,4-Dichlorobenzene	1.09	0.0200	1.000	0	109	72.6	126				
1,2-Dichlorobenzene	1.04	0.0200	1.000	0	104	72.8	126				
1,2-Dibromo-3-chloropropane	0.879	0.500	1.000	0	87.9	40.2	155				
Hexachloro-1,3-butadiene	1.04	0.0500	1.000	0	104	42	151				
1,2,3-Trichlorobenzene	0.989	0.0200	1.000	0	98.9	64.5	149				
Surr: Dibromofluoromethane	1.36		1.250		109	56.5	129				
Surr: Toluene-d8	1.34		1.250		107	64.5	151				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		101	54.8	168				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID **MB-21567** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **MBLKS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877871**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0200									
Chloromethane	ND	0.0500									
Vinyl chloride	ND	0.0250									
Bromomethane	ND	0.0500									
Trichlorofluoromethane (CFC-11)	ND	0.0200									
Chloroethane	ND	0.0500									
1,1-Dichloroethene	ND	0.0200									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID	MB-21567	SampType:	MBLK	Units:	mg/Kg	Prep Date:	8/10/2018	RunNo:	45382
Client ID:	MBLKS	Batch ID:	21567			Analysis Date:	8/11/2018	SeqNo:	877871

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.100									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0250									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0250									
1,2-Dichloroethane (EDC)	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0200									
1,1,2-Trichloroethane	ND	0.0200									
1,3-Dichloropropane	ND	0.0250									
Tetrachloroethene (PCE)	ND	0.0250									
Dibromochloromethane	ND	0.0250									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0250									
1,1,1,2-Tetrachloroethane	ND	0.0250									
Bromoform	ND	0.0500									
1,1,2,2-Tetrachloroethane	ND	0.0200									
Bromobenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0250									
4-Chlorotoluene	ND	0.0250									
1,2,3-Trichloropropane	ND	0.0250									
1,2,4-Trichlorobenzene	ND	0.0250									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-21567** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **MBLKS** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877871**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	0.500									
Hexachloro-1,3-butadiene	ND	0.0500									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.24		1.250		99.1	56.5	129				
Surr: Toluene-d8	1.33		1.250		106	64.5	151				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	54.8	168				

Sample ID **1808092-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0147						0		30	
Chloromethane	ND	0.0367						0		30	
Vinyl chloride	ND	0.0184						0		30	
Bromomethane	ND	0.0367						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0147						0		30	
Chloroethane	ND	0.0367						0		30	
1,1-Dichloroethene	ND	0.0147						0		30	
Methylene chloride	ND	0.0147						0		30	
trans-1,2-Dichloroethene	ND	0.0147						0		30	
1,1-Dichloroethane	ND	0.0147						0		30	
2,2-Dichloropropane	ND	0.0735						0		30	Q
cis-1,2-Dichloroethene	ND	0.0147						0		30	
Chloroform	ND	0.0147						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0184						0		30	
1,1-Dichloropropene	ND	0.0147						0		30	
Carbon tetrachloride	ND	0.0184						0		30	
1,2-Dichloroethane (EDC)	ND	0.0147						0		30	
Trichloroethene (TCE)	ND	0.0147						0		30	
1,2-Dichloropropane	ND	0.0147						0		30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808092-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	0.0147						0		30	
Dibromomethane	ND	0.0147						0		30	
cis-1,3-Dichloropropene	ND	0.0147						0		30	
trans-1,3-Dichloropropylene	ND	0.0147						0		30	
1,1,2-Trichloroethane	ND	0.0147						0		30	
1,3-Dichloropropane	ND	0.0184						0		30	
Tetrachloroethene (PCE)	ND	0.0184						0		30	
Dibromochloromethane	ND	0.0184						0		30	
1,2-Dibromoethane (EDB)	ND	0.00367						0		30	
Chlorobenzene	ND	0.0184						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0184						0		30	
Bromoform	ND	0.0367						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0147						0		30	
Bromobenzene	ND	0.0147						0		30	
2-Chlorotoluene	ND	0.0184						0		30	
4-Chlorotoluene	ND	0.0184						0		30	
1,2,3-Trichloropropane	ND	0.0184						0		30	
1,2,4-Trichlorobenzene	ND	0.0184						0		30	
1,3-Dichlorobenzene	ND	0.0147						0		30	
1,4-Dichlorobenzene	ND	0.0147						0		30	
1,2-Dichlorobenzene	ND	0.0147						0		30	
1,2-Dibromo-3-chloropropane	ND	0.367						0		30	
Hexachloro-1,3-butadiene	ND	0.0367						0		30	
1,2,3-Trichlorobenzene	ND	0.0147						0		30	
Surr: Dibromofluoromethane	0.911		0.9187		99.1	56.5	129		0		
Surr: Toluene-d8	0.984		0.9187		107	64.5	151		0		
Surr: 1-Bromo-4-fluorobenzene	0.930		0.9187		101	54.8	168		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808092-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877856**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0119						0		30	
Chloromethane	ND	0.0298						0		30	
Vinyl chloride	ND	0.0149						0		30	
Bromomethane	ND	0.0298						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0119						0		30	
Chloroethane	ND	0.0298						0		30	
1,1-Dichloroethene	ND	0.0119						0		30	
Methylene chloride	ND	0.0119						0		30	
trans-1,2-Dichloroethene	ND	0.0119						0		30	
1,1-Dichloroethane	ND	0.0119						0		30	
2,2-Dichloropropane	ND	0.0596						0		30	Q
cis-1,2-Dichloroethene	ND	0.0119						0		30	
Chloroform	ND	0.0119						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0149						0		30	
1,1-Dichloropropene	ND	0.0119						0		30	
Carbon tetrachloride	ND	0.0149						0		30	
1,2-Dichloroethane (EDC)	ND	0.0119						0		30	
Trichloroethene (TCE)	ND	0.0119						0		30	
1,2-Dichloropropane	ND	0.0119						0		30	
Bromodichloromethane	ND	0.0119						0		30	
Dibromomethane	ND	0.0119						0		30	
cis-1,3-Dichloropropene	ND	0.0119						0		30	
trans-1,3-Dichloropropylene	ND	0.0119						0		30	
1,1,2-Trichloroethane	ND	0.0119						0		30	
1,3-Dichloropropane	ND	0.0149						0		30	
Tetrachloroethene (PCE)	ND	0.0149						0		30	
Dibromochloromethane	ND	0.0149						0		30	
1,2-Dibromoethane (EDB)	ND	0.00298						0		30	
Chlorobenzene	ND	0.0149						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0149						0		30	
Bromoform	ND	0.0298						0		30	

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808092-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **BATCH** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877856**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	0.0119						0		30	
Bromobenzene	ND	0.0119						0		30	
2-Chlorotoluene	ND	0.0149						0		30	
4-Chlorotoluene	ND	0.0149						0		30	
1,2,3-Trichloropropane	ND	0.0149						0		30	
1,2,4-Trichlorobenzene	ND	0.0149						0		30	
1,3-Dichlorobenzene	ND	0.0119						0		30	
1,4-Dichlorobenzene	ND	0.0119						0		30	
1,2-Dichlorobenzene	ND	0.0119						0		30	
1,2-Dibromo-3-chloropropane	ND	0.298						0		30	
Hexachloro-1,3-butadiene	ND	0.0298						0		30	
1,2,3-Trichlorobenzene	ND	0.0119						0		30	
Surr: Dibromofluoromethane	0.745		0.7448		100	56.5	129		0		
Surr: Toluene-d8	0.801		0.7448		108	64.5	151		0		
Surr: 1-Bromo-4-fluorobenzene	0.735		0.7448		98.6	54.8	168		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808113-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.36	0.0243	1.214	0	112	43.5	121				
Chloromethane	1.12	0.0607	1.214	0	92.4	45	130				
Vinyl chloride	1.32	0.0304	1.214	0	108	43.6	150				
Bromomethane	1.54	0.0607	1.214	0	127	21.3	120				S
Trichlorofluoromethane (CFC-11)	1.61	0.0243	1.214	0	132	35	131				S
Chloroethane	1.57	0.0607	1.214	0	129	31.9	123				S
1,1-Dichloroethene	1.42	0.0243	1.214	0	117	47.3	147				
Methylene chloride	1.28	0.0243	1.214	0	105	54.7	142				
trans-1,2-Dichloroethene	1.29	0.0243	1.214	0	106	52	136				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808113-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	1.20	0.0243	1.214	0	99.0	51.8	141				
2,2-Dichloropropane	0.801	0.121	1.214	0	66.0	36	123				
cis-1,2-Dichloroethene	1.23	0.0243	1.214	0	101	58.6	136				
Chloroform	1.25	0.0243	1.214	0	103	53.2	129				
1,1,1-Trichloroethane (TCA)	1.31	0.0304	1.214	0	108	58.3	145				
1,1-Dichloropropene	1.30	0.0243	1.214	0	107	55.1	138				
Carbon tetrachloride	1.26	0.0304	1.214	0	104	53.3	144				
1,2-Dichloroethane (EDC)	1.21	0.0243	1.214	0	99.2	51.3	139				
Trichloroethene (TCE)	1.26	0.0243	1.214	0	104	61.6	147				
1,2-Dichloropropane	1.23	0.0243	1.214	0	102	59	136				
Bromodichloromethane	1.20	0.0243	1.214	0	98.7	50.7	141				
Dibromomethane	1.24	0.0243	1.214	0	102	50.6	137				
cis-1,3-Dichloropropene	1.07	0.0243	1.214	0	88.5	50.4	138				
trans-1,3-Dichloropropylene	1.04	0.0243	1.214	0	85.3	44.1	147				
1,1,2-Trichloroethane	1.18	0.0243	1.214	0	97.4	51.6	137				
1,3-Dichloropropane	1.20	0.0304	1.214	0	98.5	53.1	134				
Tetrachloroethene (PCE)	1.29	0.0304	1.214	0	106	35.6	158				
Dibromochloromethane	1.16	0.0304	1.214	0	95.8	55.3	140				
1,2-Dibromoethane (EDB)	1.19	0.00607	1.214	0	98.4	50.4	136				
Chlorobenzene	1.23	0.0304	1.214	0	101	60	133				
1,1,1,2-Tetrachloroethane	1.20	0.0304	1.214	0	98.8	53.1	142				
Bromoform	1.19	0.0607	1.214	0	97.9	57.9	130				
1,1,2,2-Tetrachloroethane	1.05	0.0243	1.214	0	86.4	51.9	131				
Bromobenzene	1.18	0.0243	1.214	0	97.4	54.2	140				
2-Chlorotoluene	1.21	0.0304	1.214	0	99.6	51.6	136				
4-Chlorotoluene	1.20	0.0304	1.214	0	99.1	50.1	139				
1,2,3-Trichloropropane	0.975	0.0304	1.214	0	80.3	50.5	131				
1,2,4-Trichlorobenzene	1.13	0.0304	1.214	0	93.4	50.8	130				
1,3-Dichlorobenzene	1.23	0.0243	1.214	0	102	52.6	131				
1,4-Dichlorobenzene	1.23	0.0243	1.214	0	102	52.9	129				
1,2-Dichlorobenzene	1.22	0.0243	1.214	0	100	55.8	129				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808113-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.992	0.607	1.214	0	81.7	40.5	131				
Hexachloro-1,3-butadiene	1.19	0.0607	1.214	0	98.0	40.6	158				
1,2,3-Trichlorobenzene	1.11	0.0243	1.214	0	91.4	54.4	124				
Surr: Dibromofluoromethane	1.58		1.518		104	56.5	129				
Surr: Toluene-d8	1.38		1.518		90.8	64.5	151				
Surr: 1-Bromo-4-fluorobenzene	1.51		1.518		99.7	54.8	168				

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID **1808113-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.35	0.0243	1.214	0	111	43.5	121	1.358	0.614	30	
Chloromethane	1.19	0.0607	1.214	0	98.1	45	130	1.123	5.98	30	
Vinyl chloride	1.32	0.0304	1.214	0	109	43.6	150	1.316	0.399	30	
Bromomethane	1.64	0.0607	1.214	0	135	21.3	120	1.542	6.35	30	S
Trichlorofluoromethane (CFC-11)	1.70	0.0243	1.214	0	140	35	131	1.608	5.40	30	S
Chloroethane	1.61	0.0607	1.214	0	133	31.9	123	1.566	3.00	30	S
1,1-Dichloroethene	1.46	0.0243	1.214	0	120	47.3	147	1.417	2.71	30	
Methylene chloride	1.29	0.0243	1.214	0	107	54.7	142	1.276	1.42	30	
trans-1,2-Dichloroethene	1.31	0.0243	1.214	0	108	52	136	1.292	1.60	30	
1,1-Dichloroethane	1.26	0.0243	1.214	0	103	51.8	141	1.202	4.38	30	
2,2-Dichloropropane	0.806	0.121	1.214	0	66.3	36	123	0.8014	0.531	30	
cis-1,2-Dichloroethene	1.22	0.0243	1.214	0	101	58.6	136	1.231	0.716	30	
Chloroform	1.24	0.0243	1.214	0	102	53.2	129	1.247	0.913	30	
1,1,1-Trichloroethane (TCA)	1.33	0.0304	1.214	0	109	58.3	145	1.307	1.63	30	
1,1-Dichloropropene	1.27	0.0243	1.214	0	105	55.1	138	1.301	2.36	30	
Carbon tetrachloride	1.33	0.0304	1.214	0	109	53.3	144	1.264	4.68	30	
1,2-Dichloroethane (EDC)	1.19	0.0243	1.214	0	98.0	51.3	139	1.205	1.25	30	
Trichloroethene (TCE)	1.26	0.0243	1.214	0	104	61.6	147	1.264	0.438	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808113-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/10/2018** RunNo: **45382**
Client ID: **ED #1** Batch ID: **21567** Analysis Date: **8/11/2018** SeqNo: **877860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	1.18	0.0243	1.214	0	97.0	59	136	1.234	4.65	30	
Bromodichloromethane	1.23	0.0243	1.214	0	101	50.7	141	1.199	2.54	30	
Dibromomethane	1.22	0.0243	1.214	0	101	50.6	137	1.239	1.24	30	
cis-1,3-Dichloropropene	1.10	0.0243	1.214	0	90.4	50.4	138	1.075	2.14	30	
trans-1,3-Dichloropropylene	1.06	0.0243	1.214	0	86.9	44.1	147	1.036	1.87	30	
1,1,2-Trichloroethane	1.17	0.0243	1.214	0	96.6	51.6	137	1.183	0.906	30	
1,3-Dichloropropane	1.18	0.0304	1.214	0	97.4	53.1	134	1.196	1.09	30	
Tetrachloroethene (PCE)	1.27	0.0304	1.214	0	105	35.6	158	1.286	1.32	30	
Dibromochloromethane	1.17	0.0304	1.214	0	96.7	55.3	140	1.163	0.916	30	
1,2-Dibromoethane (EDB)	1.18	0.00607	1.214	0	96.9	50.4	136	1.194	1.49	30	
Chlorobenzene	1.24	0.0304	1.214	0	102	60	133	1.228	1.24	30	
1,1,1,2-Tetrachloroethane	1.25	0.0304	1.214	0	103	53.1	142	1.199	3.89	30	
Bromoform	1.24	0.0607	1.214	0	102	57.9	130	1.189	3.85	30	
1,1,2,2-Tetrachloroethane	1.06	0.0243	1.214	0	87.5	51.9	131	1.050	1.27	30	
Bromobenzene	1.16	0.0243	1.214	0	95.8	54.2	140	1.183	1.69	30	
2-Chlorotoluene	1.23	0.0304	1.214	0	101	51.6	136	1.209	1.52	30	
4-Chlorotoluene	1.22	0.0304	1.214	0	100	50.1	139	1.203	1.24	30	
1,2,3-Trichloropropane	0.998	0.0304	1.214	0	82.2	50.5	131	0.9751	2.35	30	
1,2,4-Trichlorobenzene	1.19	0.0304	1.214	0	98.2	50.8	130	1.135	5.00	30	
1,3-Dichlorobenzene	1.28	0.0243	1.214	0	105	52.6	131	1.234	3.30	30	
1,4-Dichlorobenzene	1.27	0.0243	1.214	0	105	52.9	129	1.233	3.32	30	
1,2-Dichlorobenzene	1.25	0.0243	1.214	0	103	55.8	129	1.216	2.71	30	
1,2-Dibromo-3-chloropropane	1.07	0.607	1.214	0	88.0	40.5	131	0.9919	7.41	30	
Hexachloro-1,3-butadiene	1.22	0.0607	1.214	0	101	40.6	158	1.190	2.81	30	
1,2,3-Trichlorobenzene	1.17	0.0243	1.214	0	96.7	54.4	124	1.110	5.70	30	
Surr: Dibromofluoromethane	1.57		1.518		104	56.5	129		0		
Surr: Toluene-d8	1.34		1.518		88.6	64.5	151		0		
Surr: 1-Bromo-4-fluorobenzene	1.52		1.518		100	54.8	168		0		

NOTES:
S - Outlying spike recovery(ies) observed.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **LCS-21628** SampType: **LCS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **LCSW** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880355**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	26.2	1.00	20.00	0	131	20.7	172				
Chloromethane	23.5	2.00	20.00	0	118	21.1	162				
Vinyl chloride	21.6	0.200	20.00	0	108	61	129				
Bromomethane	30.5	1.00	20.00	0	153	56	181				
Trichlorofluoromethane (CFC-11)	21.7	1.00	20.00	0	109	44.7	177				
Chloroethane	21.8	1.00	20.00	0	109	62.6	135				
1,1-Dichloroethylene	21.8	1.00	20.00	0	109	62.3	136				
Methylene chloride	22.4	1.00	20.00	0	112	59.9	132				
trans-1,2-Dichloroethene	21.8	1.00	20.00	0	109	70	130				
Methyl tert-butyl ether (MTBE)	21.5	1.00	20.00	0	107	70	130				
1,1-Dichloroethane	21.7	1.00	20.00	0	108	70	130				
2,2-Dichloropropane	29.0	2.00	20.00	0	145	56.2	150				
cis-1,2-Dichloroethene	22.0	1.00	20.00	0	110	70	130				
Chloroform	22.2	1.00	20.00	0	111	70	130				
1,1,1-Trichloroethane (TCA)	21.0	1.00	20.00	0	105	70	130				
1,1-Dichloropropene	21.7	1.00	20.00	0	108	70	130				
Carbon tetrachloride	20.0	1.00	20.00	0	100	70	130				
1,2-Dichloroethane (EDC)	22.5	1.00	20.00	0	112	70	130				
Benzene	23.1	1.00	20.00	0	115	73.9	125				
Trichloroethene (TCE)	21.7	0.500	20.00	0	109	59.7	125				
1,2-Dichloropropane	21.6	1.00	20.00	0	108	70	130				
Bromodichloromethane	20.9	1.00	20.00	0	105	70	130				
Dibromomethane	22.1	1.00	20.00	0	110	70	130				
cis-1,3-Dichloropropene	22.9	1.00	20.00	0	114	70	130				
Toluene	22.6	1.00	20.00	0	113	73	126				
trans-1,3-Dichloropropene	23.1	1.00	20.00	0	115	70	130				
1,1,2-Trichloroethane	22.3	1.00	20.00	0	112	70	130				
1,3-Dichloropropane	22.4	1.00	20.00	0	112	70	130				
Tetrachloroethene (PCE)	21.6	1.00	20.00	0	108	50	116				
Dibromochloromethane	20.3	1.00	20.00	0	102	70	130				
1,2-Dibromoethane (EDB)	22.3	0.250	20.00	0	111	70	130				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **LCS-21628** SampType: **LCS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **LCSW** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880355**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	21.7	1.00	20.00	0	109	75.1	121				
1,1,1,2-Tetrachloroethane	20.6	1.00	20.00	0	103	70	130				
Ethylbenzene	21.8	1.00	20.00	0	109	70	130				
m,p-Xylene	43.9	1.00	40.00	0	110	70	130				
o-Xylene	22.2	1.00	20.00	0	111	70	130				
Styrene	22.0	1.00	20.00	0	110	70	130				
Isopropylbenzene	21.4	1.00	20.00	0	107	70	130				
Bromoform	17.9	2.00	20.00	0	89.5	70	130				
1,1,2,2-Tetrachloroethane	21.5	1.00	20.00	0	107	70	130				
n-Propylbenzene	21.9	1.00	20.00	0	110	70	130				
Bromobenzene	21.4	1.00	20.00	0	107	70	130				
1,3,5-Trimethylbenzene	21.9	1.00	20.00	0	110	70	130				
2-Chlorotoluene	20.9	1.00	20.00	0	104	70	130				
4-Chlorotoluene	22.5	1.00	20.00	0	113	70	130				
tert-Butylbenzene	22.0	1.00	20.00	0	110	70	130				
1,2,3-Trichloropropane	21.5	1.00	20.00	0	108	70	130				
1,2,4-Trichlorobenzene	21.1	2.00	20.00	0	105	70	130				
sec-Butylbenzene	22.1	1.00	20.00	0	111	70	130				
4-Isopropyltoluene	22.0	1.00	20.00	0	110	70	130				
1,3-Dichlorobenzene	23.0	1.00	20.00	0	115	70	130				
1,4-Dichlorobenzene	22.2	1.00	20.00	0	111	70	130				
n-Butylbenzene	21.9	1.00	20.00	0	109	70	130				
1,2-Dichlorobenzene	21.5	1.00	20.00	0	108	70	130				
1,2-Dibromo-3-chloropropane	16.3	1.00	20.00	0	81.7	70	130				
1,2,4-Trimethylbenzene	22.2	1.00	20.00	0	111	70	130				
Hexachloro-1,3-butadiene	20.7	4.00	20.00	0	104	70	130				
Naphthalene	20.2	1.00	20.00	0	101	70	130				
1,2,3-Trichlorobenzene	21.0	4.00	20.00	0	105	70	130				
Surr: Dibromofluoromethane	26.1		25.00		104	33.3	161				
Surr: Toluene-d8	25.9		25.00		104	67.3	147				
Surr: 4-Bromofluorobenzene	24.8		25.00		99.0	59.3	164				

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	LCS-21628	SampType:	LCS	Units:	µg/L	Prep Date:	8/16/2018	RunNo:	45518
Client ID:	LCSW	Batch ID:	21628			Analysis Date:	8/16/2018	SeqNo:	880355

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MB-21628	SampType:	MBLK	Units:	µg/L	Prep Date:	8/16/2018	RunNo:	45518
Client ID:	MBLKW	Batch ID:	21628			Analysis Date:	8/16/2018	SeqNo:	880359

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	ND	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21628**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/16/2018**	SeqNo: **880359**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									Q
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									Q
1,2,4-Trimethylbenzene	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **MB-21628** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880359**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	23.7		25.00		94.8	33.3	161				
Surr: Toluene-d8	25.3		25.00		101	67.3	147				
Surr: 4-Bromofluorobenzene	24.1		25.00		96.4	59.3	164				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808194-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880347**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00						0		30	
Chloromethane	ND	2.00						0		30	
Vinyl chloride	ND	0.200						0		30	Q
Bromomethane	ND	1.00						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	Q
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethylene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
Methyl tert-butyl ether (MTBE)	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	
2,2-Dichloropropane	ND	2.00						0		30	Q
cis-1,2-Dichloroethene	ND	1.00						0		30	
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	Q
1,2-Dichloroethane (EDC)	ND	1.00						0		30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880347**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
Dibromomethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
Toluene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
1,2-Dibromoethane (EDB)	ND	0.250						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
Ethylbenzene	ND	1.00						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	1.00						0		30	
Styrene	ND	1.00						0		30	
Isopropylbenzene	ND	1.00						0		30	
Bromoform	ND	2.00						0		30	Q
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
n-Propylbenzene	ND	1.00						0		30	
Bromobenzene	ND	1.00						0		30	
1,3,5-Trimethylbenzene	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	
4-Chlorotoluene	ND	1.00						0		30	
tert-Butylbenzene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
sec-Butylbenzene	ND	1.00						0		30	Q

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880347**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	1.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
n-Butylbenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	Q
1,2,4-Trimethylbenzene	ND	1.00						0		30	
Hexachloro-1,3-butadiene	ND	4.00						0		30	
Naphthalene	ND	1.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	23.3		25.00		93.2	33.3	161		0		
Surr: Toluene-d8	25.4		25.00		101	67.3	147		0		
Surr: 4-Bromofluorobenzene	22.1		25.00		88.3	59.3	164		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808196-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00						0		30	
Chloromethane	ND	2.00						0		30	
Vinyl chloride	ND	0.200						0		30	Q
Bromomethane	ND	1.00						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	Q
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethylene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
Methyl tert-butyl ether (MTBE)	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808196-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	ND	2.00						0		30	Q
cis-1,2-Dichloroethene	ND	1.00						0		30	
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	Q
1,2-Dichloroethane (EDC)	ND	1.00						0		30	
Benzene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
Dibromomethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
Toluene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
1,2-Dibromoethane (EDB)	ND	0.250						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
Ethylbenzene	ND	1.00						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	1.00						0		30	
Styrene	ND	1.00						0		30	
Isopropylbenzene	ND	1.00						0		30	
Bromoform	ND	2.00						0		30	Q
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
n-Propylbenzene	ND	1.00						0		30	
Bromobenzene	ND	1.00						0		30	

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808196-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	
4-Chlorotoluene	ND	1.00						0		30	
tert-Butylbenzene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
sec-Butylbenzene	ND	1.00						0		30	Q
4-Isopropyltoluene	ND	1.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
n-Butylbenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	Q
1,2,4-Trimethylbenzene	ND	1.00						0		30	
Hexachloro-1,3-butadiene	ND	4.00						0		30	
Naphthalene	ND	1.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	23.4		25.00		93.4	33.3	161		0		
Surr: Toluene-d8	25.2		25.00		101	67.3	147		0		
Surr: 4-Bromofluorobenzene	23.7		25.00		94.8	59.3	164		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **1808194-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880348**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	23.8	1.00	20.00	0	119	13.6	198				
Chloromethane	24.1	2.00	20.00	0	121	25.1	188				
Vinyl chloride	23.4	0.200	20.00	0	117	70	130				
Bromomethane	34.0	1.00	20.00	0	170	70	130				S

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880348**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane (CFC-11)	22.4	1.00	20.00	0	112	70	130				
Chloroethane	23.6	1.00	20.00	0	118	70	130				
1,1-Dichloroethylene	23.2	1.00	20.00	0	116	71.4	135				
Methylene chloride	23.3	1.00	20.00	0	116	70	130				
trans-1,2-Dichloroethene	23.2	1.00	20.00	0	116	70	130				
Methyl tert-butyl ether (MTBE)	21.2	1.00	20.00	0	106	70	130				
1,1-Dichloroethane	22.9	1.00	20.00	0	114	70	130				
2,2-Dichloropropane	23.3	2.00	20.00	0	117	70	130				
cis-1,2-Dichloroethene	23.2	1.00	20.00	0	116	70	130				
Chloroform	23.4	1.00	20.00	0	117	70	130				
1,1,1-Trichloroethane (TCA)	23.2	1.00	20.00	0	116	70	130				
1,1-Dichloropropene	23.2	1.00	20.00	0	116	70	130				
Carbon tetrachloride	22.2	1.00	20.00	0	111	70	130				
1,2-Dichloroethane (EDC)	23.1	1.00	20.00	0	115	70	130				
Benzene	23.4	1.00	20.00	0	117	75.7	125				
Trichloroethene (TCE)	23.6	0.500	20.00	0	118	80.7	122				
1,2-Dichloropropane	22.6	1.00	20.00	0	113	70	130				
Bromodichloromethane	22.2	1.00	20.00	0	111	70	130				
Dibromomethane	22.3	1.00	20.00	0	112	70	130				
cis-1,3-Dichloropropene	21.3	1.00	20.00	0	106	70	130				
Toluene	24.0	1.00	20.00	0	120	75.3	125				
trans-1,3-Dichloropropene	19.3	1.00	20.00	0	96.3	70	130				
1,1,2-Trichloroethane	22.8	1.00	20.00	0	114	70	130				
1,3-Dichloropropane	22.7	1.00	20.00	0	114	70	130				
Tetrachloroethene (PCE)	23.8	1.00	20.00	0	119	70.1	152				
Dibromochloromethane	20.8	1.00	20.00	0	104	70	130				
1,2-Dibromoethane (EDB)	22.5	0.250	20.00	0	113	70	130				
Chlorobenzene	23.0	1.00	20.00	0	115	75.3	125				
1,1,1,2-Tetrachloroethane	21.8	1.00	20.00	0	109	70	130				
Ethylbenzene	23.2	1.00	20.00	0	116	70	130				
m,p-Xylene	47.0	1.00	40.00	0	118	70	130				

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880348**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	23.6	1.00	20.00	0	118	70	130				
Styrene	22.1	1.00	20.00	0	111	70	130				
Isopropylbenzene	23.8	1.00	20.00	0	119	70	130				
Bromoform	18.5	2.00	20.00	0	92.4	70	130				
1,1,2,2-Tetrachloroethane	20.5	1.00	20.00	0	103	70	130				
n-Propylbenzene	20.5	1.00	20.00	0	103	70	130				
Bromobenzene	21.6	1.00	20.00	0	108	70	130				
1,3,5-Trimethylbenzene	22.4	1.00	20.00	0	112	70	130				
2-Chlorotoluene	21.7	1.00	20.00	0	108	70	130				
4-Chlorotoluene	22.1	1.00	20.00	0	110	70	130				
tert-Butylbenzene	22.2	1.00	20.00	0	111	70	130				
1,2,3-Trichloropropane	19.0	1.00	20.00	0	94.9	70	130				
1,2,4-Trichlorobenzene	21.9	2.00	20.00	0	110	70	130				
sec-Butylbenzene	22.5	1.00	20.00	0	112	70	130				
4-Isopropyltoluene	22.8	1.00	20.00	0	114	70	130				
1,3-Dichlorobenzene	23.1	1.00	20.00	0	116	70	130				
1,4-Dichlorobenzene	22.6	1.00	20.00	0	113	70	130				
n-Butylbenzene	23.1	1.00	20.00	0	116	70	130				
1,2-Dichlorobenzene	22.5	1.00	20.00	0	113	70	130				
1,2-Dibromo-3-chloropropane	18.1	1.00	20.00	0	90.4	70	130				
1,2,4-Trimethylbenzene	21.8	1.00	20.00	0	109	70	130				
Hexachloro-1,3-butadiene	22.7	4.00	20.00	0	114	70	130				
Naphthalene	20.8	1.00	20.00	0	104	70	130				
1,2,3-Trichlorobenzene	22.2	4.00	20.00	0	111	70	130				
Surr: Dibromofluoromethane	25.6		25.00		102	33.3	161				
Surr: Toluene-d8	25.8		25.00		103	67.3	147				
Surr: 4-Bromofluorobenzene	24.6		25.00		98.2	59.3	164				

NOTES:
S - Outlying spike recovery(ies) observed.

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880349**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	26.2	1.00	20.00	0	131	13.6	198	23.79	9.82	30	
Chloromethane	24.4	2.00	20.00	0	122	25.1	188	24.14	1.23	30	
Vinyl chloride	24.3	0.200	20.00	0	121	70	130	23.44	3.44	30	
Bromomethane	34.4	1.00	20.00	0	172	70	130	34.05	1.09	30	S
Trichlorofluoromethane (CFC-11)	24.7	1.00	20.00	0	123	70	130	22.38	9.76	30	
Chloroethane	24.7	1.00	20.00	0	124	70	130	23.64	4.50	30	
1,1-Dichloroethylene	23.5	1.00	20.00	0	118	71.4	135	23.21	1.23	30	
Methylene chloride	23.3	1.00	20.00	0	117	70	130	23.27	0.272	30	
trans-1,2-Dichloroethene	23.5	1.00	20.00	0	118	70	130	23.21	1.23	30	
Methyl tert-butyl ether (MTBE)	21.6	1.00	20.00	0	108	70	130	21.17	2.03	30	
1,1-Dichloroethane	23.3	1.00	20.00	0	117	70	130	22.90	1.74	30	
2,2-Dichloropropane	25.2	2.00	20.00	0	126	70	130	23.32	7.72	30	
cis-1,2-Dichloroethene	23.4	1.00	20.00	0	117	70	130	23.15	1.21	30	
Chloroform	23.6	1.00	20.00	0	118	70	130	23.35	1.18	30	
1,1,1-Trichloroethane (TCA)	23.9	1.00	20.00	0	119	70	130	23.19	2.89	30	
1,1-Dichloropropene	24.4	1.00	20.00	0	122	70	130	23.19	5.17	30	
Carbon tetrachloride	23.4	1.00	20.00	0	117	70	130	22.18	5.53	30	
1,2-Dichloroethane (EDC)	23.2	1.00	20.00	0	116	70	130	23.07	0.404	30	
Benzene	23.4	1.00	20.00	0	117	75.7	125	23.36	0.294	30	
Trichloroethene (TCE)	23.8	0.500	20.00	0	119	80.7	122	23.64	0.529	30	
1,2-Dichloropropane	22.6	1.00	20.00	0	113	70	130	22.60	0.0782	30	
Bromodichloromethane	22.3	1.00	20.00	0	112	70	130	22.19	0.521	30	
Dibromomethane	22.5	1.00	20.00	0	113	70	130	22.34	0.853	30	
cis-1,3-Dichloropropene	22.4	1.00	20.00	0	112	70	130	21.29	5.26	30	
Toluene	23.9	1.00	20.00	0	119	75.3	125	24.05	0.742	30	
trans-1,3-Dichloropropene	21.9	1.00	20.00	0	110	70	130	19.27	12.9	30	
1,1,2-Trichloroethane	23.0	1.00	20.00	0	115	70	130	22.82	0.960	30	
1,3-Dichloropropane	22.7	1.00	20.00	0	114	70	130	22.72	0.0508	30	
Tetrachloroethene (PCE)	23.9	1.00	20.00	0	120	70.1	152	23.77	0.725	30	
Dibromochloromethane	21.1	1.00	20.00	0	105	70	130	20.77	1.39	30	
1,2-Dibromoethane (EDB)	22.6	0.250	20.00	0	113	70	130	22.50	0.580	30	

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **1808194-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **BATCH** Batch ID: **21628** Analysis Date: **8/16/2018** SeqNo: **880349**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	23.3	1.00	20.00	0	117	75.3	125	23.05	1.26	30	
1,1,1,2-Tetrachloroethane	21.9	1.00	20.00	0	109	70	130	21.77	0.402	30	
Ethylbenzene	23.4	1.00	20.00	0	117	70	130	23.23	0.877	30	
m,p-Xylene	47.4	1.00	40.00	0	118	70	130	47.03	0.714	30	
o-Xylene	23.8	1.00	20.00	0	119	70	130	23.55	0.841	30	
Styrene	22.5	1.00	20.00	0	112	70	130	22.12	1.64	30	
Isopropylbenzene	23.9	1.00	20.00	0	120	70	130	23.76	0.759	30	
Bromoform	19.1	2.00	20.00	0	95.7	70	130	18.49	3.48	30	
1,1,2,2-Tetrachloroethane	22.5	1.00	20.00	0	112	70	130	20.51	9.14	30	
n-Propylbenzene	24.3	1.00	20.00	0	121	70	130	20.54	16.7	30	
Bromobenzene	22.4	1.00	20.00	0	112	70	130	21.60	3.49	30	
1,3,5-Trimethylbenzene	23.8	1.00	20.00	0	119	70	130	22.39	6.30	30	
2-Chlorotoluene	23.1	1.00	20.00	0	116	70	130	21.66	6.43	30	
4-Chlorotoluene	23.8	1.00	20.00	0	119	70	130	22.10	7.59	30	
tert-Butylbenzene	24.6	1.00	20.00	0	123	70	130	22.16	10.5	30	
1,2,3-Trichloropropane	21.7	1.00	20.00	0	108	70	130	18.98	13.3	30	
1,2,4-Trichlorobenzene	21.6	2.00	20.00	0	108	70	130	21.91	1.36	30	
sec-Butylbenzene	24.8	1.00	20.00	0	124	70	130	22.48	9.79	30	
4-Isopropyltoluene	24.6	1.00	20.00	0	123	70	130	22.82	7.68	30	
1,3-Dichlorobenzene	24.2	1.00	20.00	0	121	70	130	23.12	4.40	30	
1,4-Dichlorobenzene	23.0	1.00	20.00	0	115	70	130	22.59	1.87	30	
n-Butylbenzene	22.8	1.00	20.00	0	114	70	130	23.15	1.56	30	
1,2-Dichlorobenzene	21.9	1.00	20.00	0	110	70	130	22.52	2.62	30	
1,2-Dibromo-3-chloropropane	17.4	1.00	20.00	0	86.8	70	130	18.08	4.05	30	
1,2,4-Trimethylbenzene	23.4	1.00	20.00	0	117	70	130	21.79	7.18	30	
Hexachloro-1,3-butadiene	22.8	4.00	20.00	0	114	70	130	22.74	0.239	30	
Naphthalene	21.6	1.00	20.00	0	108	70	130	20.78	3.91	30	
1,2,3-Trichlorobenzene	21.8	4.00	20.00	0	109	70	130	22.20	1.64	30	
Surr: Dibromofluoromethane	25.9		25.00		103	33.3	161		0		
Surr: Toluene-d8	25.6		25.00		102	67.3	147		0		
Surr: 4-Bromofluorobenzene	24.3		25.00		97.2	59.3	164		0		

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**1808194-001AMSD**	SampType:	**MSD**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo:	**45518**		
Client ID:	**BATCH**	Batch ID:	**21628**			Analysis Date:	**8/16/2018**	SeqNo:	**880349**		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery(ies) observed.

Sample ID	**MB-21584FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo:	**45518**		
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo:	**880358**		

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	5.69	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	8.39	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	107	1.00									E
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21584FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880358**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	5.69	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	1.13	1.00									
m,p-Xylene	11.1	1.00									
o-Xylene	4.52	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	1.80	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **MB-21584FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880358**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	4.80	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	1.54	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	26.0		25.00		104	33.3	161				
Surr: Toluene-d8	25.8		25.00		103	67.3	147				
Surr: 4-Bromofluorobenzene	24.3		25.00		97.3	59.3	164				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID **MB-21594FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	3.74	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	5.96	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	60.3	1.00									E
1,1-Dichloropropene	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21594FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	3.58	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	6.81	1.00									
o-Xylene	2.58	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	1.17	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID **MB-21594FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	3.06	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	25.0		25.00		100	33.3	161				
Surr: Toluene-d8	27.0		25.00		108	67.3	147				
Surr: 4-Bromofluorobenzene	24.5		25.00		97.9	59.3	164				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID **MB-21617FB** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45518**
Client ID: **MBLKW** Batch ID: **21628** Analysis Date: **8/17/2018** SeqNo: **880357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	2.00									
Vinyl chloride	ND	0.200									Q
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									Q
Chloroethane	ND	1.00									
1,1-Dichloroethylene	ND	1.00									
Methylene chloride	ND	1.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21617FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									Q
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									Q
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.250									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	2.00									

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID	**MB-21617FB**	SampType:	**MBLK**	Units:	**µg/L**	Prep Date:	**8/16/2018**	RunNo: **45518**
Client ID:	**MBLKW**	Batch ID:	**21628**			Analysis Date:	**8/17/2018**	SeqNo: **880357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									Q
4-Isopropyltoluene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
Hexachloro-1,3-butadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	26.0		25.00		104	33.3	161				
Surr: Toluene-d8	26.6		25.00		107	67.3	147				
Surr: 4-Bromofluorobenzene	23.8		25.00		95.1	59.3	164				

NOTES:

Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Date: *8/20/2018*

Work Order: 1808113
CLIENT: Widener & Associates
Project: POT Rd. Interchange

QC SUMMARY REPORT

Sample Moisture (Percent Moisture)

Sample ID **1808112-003ADUP** SampType: **DUP** Units: **wt%** Prep Date: **8/10/2018** RunNo: **45342**
Client ID: **BATCH** Batch ID: **R45342** Analysis Date: **8/10/2018** SeqNo: **877132**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	12.1	0.500						11.14	7.91	20	

Sample ID **1808113-004ADUP** SampType: **DUP** Units: **wt%** Prep Date: **8/10/2018** RunNo: **45342**
Client ID: **ED #3.5** Batch ID: **R45342** Analysis Date: **8/10/2018** SeqNo: **877138**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	45.0	0.500						34.98	25.0	20	R

Sample Log-In Check List

Client Name:	**WIDENER**	Work Order Number:	**1808113**
Logged by:	**Brianna Barnes**	Date Received:	**8/9/2018 3:31:00 PM**

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes ☑ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☑ No ☐
5. Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact) Yes ☐ No ☐ Not Required ☑
6. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
7. Were all items received at a temperature of >0°C to 10.0°C * Yes ☐ No ☑ NA ☐

Samples received at appropriate temperature.

8. Sample(s) in proper container(s)? Yes ☑ No ☐
9. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
10. Are samples properly preserved? Yes ☑ No ☐
11. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
12. Is there headspace in the VOA vials? Yes ☐ No ☐ NA ☑
13. Did all samples containers arrive in good condition(unbroken)? Yes ☑ No ☐
14. Does paperwork match bottle labels? Yes ☑ No ☐
15. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
16. Is it clear what analyses were requested? Yes ☑ No ☐
17. Were all holding times able to be met? Yes ☑ No ☐

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes ☑ No ☐ NA ☐

Person Notified:	Jordan Widener	Date	8/9/2018
By Whom:	Brianna Barnes	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirmation of analysis.		
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	21.3
Sample	2.1
Temp Blank	7.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 8/9/18 Page: 1 of: 1

Laboratory Project No (internal): 19009113

Project Name: POT Rd. Interchange

Special Remarks:

Client: Widener + Associates

Project No:

Address: 1902 120th Pl SE

Collected by: Jordan Widener

City, State, Zip: Everett, WA 98208

Location: Ercdahl Ditch south of Jack n Box

Telephone: 425-503-3629

Report To (PM): Jordan Widener

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: jordancw@prodigy.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Paint Filter Test	pH (soil)	Total Petroleum Hydrocarbon Oil WTPH-418.1	Comments
1	ED #1	8/9/18	9:02am	S			X				X	X	X	X	T			X	X	X	
2	ED #2	8/9/18	9:20am	S			X				X	X	X	X	T			X	X	X	
3	ED #3	8/9/18	9:28am	S			X				X	X	X	X	T			X	X	X	
4	ED #3.5	8/9/18	10:17am	S			X				X	X	X	X	T			X	X	X	
5	ED #4	8/9/18	9:33am	S			X				X	X	X	X	T			X	X	X	
6	ED #4.5	8/9/18	10:11am	S			X				X	X	X	X	T			X	X	X	
7	ED #5	8/9/18	10:05am	S			X				X	X	X	X	T			X	X	X	
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	8/9/18 3:30pm	x [signature]	8/9/18 1531
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☒ 2 Day Monday
- ☐ Next Day
- Same Day ASAP (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/9/18 Page: 1 of: 1

Laboratory Project No (Internal): 1909113

Project Name: POT Rd. Interchange

Special Remarks:

Client: Widener & Associates

Project No:

Address: 1902 120th Pl SE

Collected by: Jordan Widener

City, State, Zip: Everett, WA, 98208

Location: Erdahl Ditch south of Jack in Box

edits per JW 8/10/18 BNB

Telephone: 425-503-3629

Report To (PM): Jordan Widener

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: jordancw@prodigy.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624) TCLP	GX/BTEX	BTEX + HVOCs	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270-SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Paint Filter Test	pH (soil)	Total Petroleum Hydrocarbon (only WTPH-418.1 + DX)	Comments
1	ED #1	8/9/18	9:02am	S	X		X				X	X	X	X	T			X	X		X	TCLP-RCRA8, TCLP-SVOCs
2	ED #2	8/9/18	9:20am	S			X				X	X	X	X	T			X	X		X	
3	ED #3	8/9/18	9:28am	S			X				X	X	X	X	T			X	X		X	
4	ED #3.5	8/9/18	10:17am	S			X				X	X	X	X	T			X	X		X	
5	ED #4	8/9/18	9:33am	S			X				X	X	X	X	T			X	X		X	
6	ED #4.5	8/9/18	10:11am	S			X				X	X	X	X	T			X	X		X	
7	ED #5	8/9/18	10:05am	S			X				X	X	X	X	T			X	X		X	
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 8/9/18 3:30pm

Received x [signature] Date/Time 8/9/18 1531

Relinquished x Date/Time

Received x Date/Time

Turn-around Time:

☐ Standard

☐ 3 Day

☒ 2 Day Monday

Same Day ASAP (specify)

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Appendix B – Soil Test Results for Proof of Contamination Removal

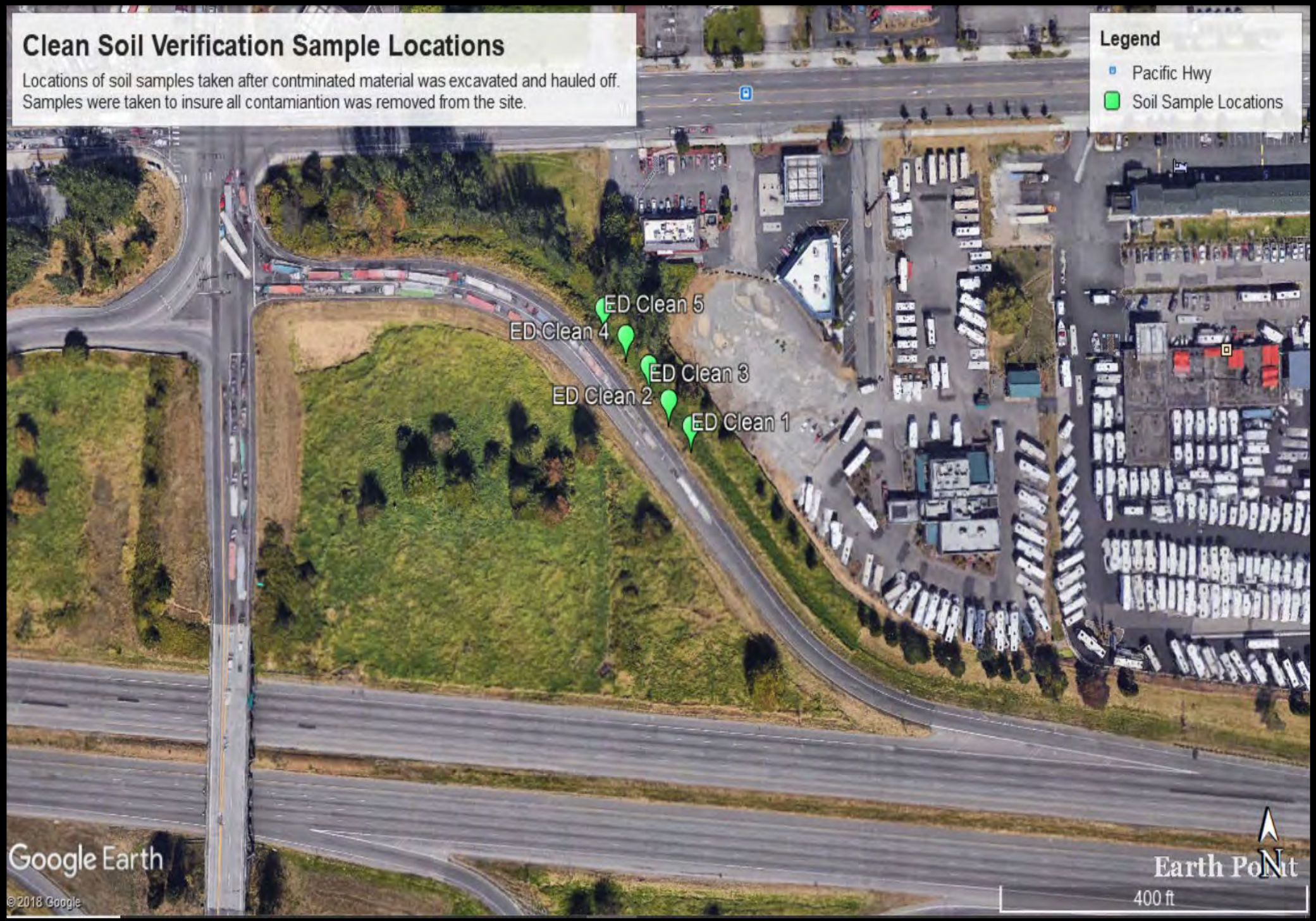
Clean Soil Verification Sample Locations
Locations of soil samples taken after contminated material was excavated and hauled off. Samples were taken to insure all contamiantion was removed from the site.
Legend
Pacific Hwy
Soil Sample Locations
ED Clean 5
ED Clean 4
ED Clean 3
ED Clean 2
ED Clean 1
Google Earth
© 2018 Google
Earth Point
N
400 ft

SPECTRA Laboratories ...*Where experience matters*

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project:	POT Rd Interchange
Client ID:	ED Clean 1
Sample Matrix:	Soil
Date Sampled:	09/18/2018
Date Received:	09/19/2018
Spectra Project:	2018090550
Spectra Number:	1

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	123	NWTPH-D
4-Bromofluorobenzene	79	NWTPH-HCID
p-Terphenyl	123	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	92	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

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10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project: POT Rd Interchange
Client ID: ED Clean 2
Sample Matrix: Soil
Date Sampled: 09/18/2018
Date Received: 09/19/2018
Spectra Project: 2018090550
Spectra Number: 2

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	114	NWTPH-D
4-Bromofluorobenzene	65	NWTPH-HCID
p-Terphenyl	114	NWTPH-HCID
Toluene-d8	98	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	95	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

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10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project:	POT Rd Interchange
Client ID:	ED Clean 3
Sample Matrix:	Soil
Date Sampled:	09/19/2018
Date Received:	09/19/2018
Spectra Project:	2018090550
Spectra Number:	3

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	113	NWTPH-D
4-Bromofluorobenzene	73	NWTPH-HCID
p-Terphenyl	113	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	91	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

SPECTRA Laboratories ...*Where experience matters*

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project: POT Rd Interchange
Client ID: ED Clean 4
Sample Matrix: Soil
Date Sampled: 09/19/2018
Date Received: 09/19/2018
Spectra Project: 2018090550
Spectra Number: 4

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	130	NWTPH-D
4-Bromofluorobenzene	77	NWTPH-HCID
p-Terphenyl	130	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	91	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

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2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

10/05/2018

Widener & Associates
1902 120th Pl SE
Everett, WA 98208

Project:	POT Rd Interchange
Client ID:	ED Clean 5
Sample Matrix:	Soil
Date Sampled:	09/19/2018
Date Received:	09/19/2018
Spectra Project:	2018090550
Spectra Number:	5

Analyte	Result	Units	Method
Diesel	<10	mg/Kg	NWTPH-D
Oil	<50	mg/Kg	NWTPH-D
Gasoline	<5	mg/Kg	NWTPH-G
HCID- Gasoline	<20	mg/Kg	NWTPH-HCID
HCID-Diesel	<50	mg/Kg	NWTPH-HCID
HCID-Oil	<100	mg/Kg	NWTPH-HCID

Surrogate	Recovery	Method
p-Terphenyl	135	NWTPH-D
4-Bromofluorobenzene	95	NWTPH-HCID
p-Terphenyl	135	NWTPH-HCID
Toluene-d8	97	NWTPH-G

Surrogate	Recovery	Method
4-Bromofluorobenzene	93	NWTPH-G

SPECTRA LABORATORIES

Jeffrey Cooper, Laboratory Manager

a6/jjb

W180905~~549~~ 550

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/19/18 Page: 1 of: 1

Laboratory Project No (internal):

Project Name: Pot Rd. Interchange

Special Remarks:

Project No:

Client: Widener & Associates

Address: 1902 120th Pl SE

Collected by: Jordan W.

City, State, Zip: Everett, WA, 98208

Location:

Telephone: 510-725-2291

Report To (PM): Jordan W.

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: jordancw@prodigy.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	ED Clean 1	9/18	9:00am	S				X	X	X								
2	ED Clean 2	9/18	12:08pm	S				X	X	X								
3	ED Clean 3	9/19	10:52am	S				X	X	X								
4	ED Clean 4	9/19	11:05am	S				X	X	X								
5	ED Clean 5	9/19	11:55am	S				X	X	X								
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 9/19/18 1:13pm

Received x [signature] Date/Time 9-19-18 1313

Relinquished x Date/Time

Received x Date/Time

Turn-around Time:

☒ Standard

☐ 3 Day

☐ 2 Day

☐ Next Day

Same Day _____ (specify)

FIFE, WASHINGTON
PHASE I AND LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT

APRIL 2004

ROBINSON & NOBLE, INC.
and
Saltbush Environmental Services
GROUNDWATER & ENVIRONMENTAL SCIENTISTS
Established 1947

5320 ORCHARD STREET WEST
TACOMA, WASHINGTON 98467
(253) 475-7711 • FAX 472-5846

Table #1 Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene and Xylenes in soil (results in mg/kg)

Analyte/ Sample ID	Gasoline	Diesel	Mineral Oil	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B1 #1	34	ND	ND	ND	0.61	0.60	0.40	1.0
B1 #2	69	ND	ND	ND	1.04	0.83	3.28	2.1
B2 #3	ND	ND	ND	71	-	-	-	-
B2 #4	ND	ND	ND	ND	-	-	-	-
B3	ND	ND	ND	ND	-	-	-	-
B4	ND	ND	ND	ND	-	-	-	-
B5	ND	ND	ND	ND	-	-	-	-
B6	ND	ND	ND	ND	-	-	-	-
B7	ND	ND	ND	ND	-	-	-	-
B8	ND	ND	ND	ND	-	-	-	-
B9	ND	ND	ND	ND	-	-	-	-
B10	ND	ND	ND	290	-	-	-	-
MTCA A	30	2,000	4,000	2,000	0.03	7	6	9

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for soil
ND indicates below the laboratory detection limit

Table #2 Heavy Metals in soil (results in mg/kg)

Analyte/ Sample ID	Lead	Chromium	Cadmium	Arsenic	Mercury
B1 #1	3.0	8.8	ND	ND	ND
B1 #2	4.2	5.3	ND	ND	ND
B2 #3	4.5	3.2	ND	ND	ND
B2 #4	1.9	6.3	ND	2.1	ND
B3	7.3	2.9	ND	ND	ND
B4	1.7	2.1	ND	ND	ND
B5	ND	ND	ND	4.3	ND
B6	4.6	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND
B8	13	5.5	ND	ND	ND
B9	ND	3.0	ND	ND	ND
B10	2.0	6.7	ND	ND	ND
MTCA A	250	2000	2	20	2

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for soils
ND indicates below the laboratory detection limit

Laboratory analysis of ground water collected from boring B1 indicated concentrations of gasoline (21,700 µg/L), benzene (3,100 µg/L) and ethylbenzene (1,730 µg/L) above the MTCA method A cleanup levels (gasoline: 800 µg/L, benzene: 5 µg/L, ethylbenzene: 700 µg/L) for ground water and ground water collected from boring B2 had concentrations of benzene (9.6 µg/L) above MTCA Method A cleanup levels. Groundwater samples collected were also analyzed for heavy metals, which included arsenic, cadmium, chromium, lead and mercury. Samples analyzed indicated concentrations of arsenic, chromium and lead above the MTCA Method A cleanup levels in all of the boring locations except for boring B6. The following tables summarize the laboratory analysis of ground water.

Table #3 Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene and Xylenes in Ground Water (results in µg/L) yes

Analyte/ Sample ID	Gasoline	Diesel	Mineral Oil	Heavy Oil	Benzene	Toluene	Ethyl-benzene	Total Xylenes
B1	21,700	ND	ND	ND	3,100	189	1,730	19
B2	230	ND	ND	ND	9.6	ND	ND	7.5
B3	ND	ND	ND	ND	ND	ND	ND	ND
B4	ND	ND	ND	ND	ND	ND	ND	ND
B5	ND	ND	ND	ND	ND	ND	ND	ND
B6	ND	ND	ND	ND	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND	ND	ND	ND
B8	ND	ND	ND	ND	ND	ND	ND	ND
B9	ND	ND	ND	ND	ND	ND	ND	ND
B10	ND	ND	ND	ND	ND	ND	ND	ND
MTCA A	800	500	500	500	5	1,000	700	1,000

Table #4 Heavy Metals in Ground Water (results in µg/L) No in mg/l

Analyte/ Sample ID	Lead	Chromium	Cadmium	Arsenic	Mercury
B1	0.13	0.06	ND	0.024	ND
B2	0.020	0.02	ND	0.047	ND
B3	ND	0.13	ND	0.005	ND
B4	0.002	0.03	ND	0.005	ND
B5	0.170	0.35	ND	0.012	ND
B6	ND	ND	ND	ND	ND
B7	0.009	0.10	ND	0.041	ND
B8	0.005	0.40	ND	0.015	ND
B9	0.050	0.20	ND	0.046	ND
B10	0.008	0.05	ND	0.069	ND
MTCA A	0.015	0.05	0.005	0.005	0.015

MTCA Method A Cleanup Levels
Bold type indicates level above MTCA Method A cleanup level for ground water
ND indicates below the laboratory detection limit

6.2 Limited Phase II Conclusion

This limited Phase II Environmental Site Assessment (sampling and analysis of ground water and soil) was conducted to determine if the subject site was impacted from conditions discovered during the Phase I investigation. These conditions include the historical presence of a gas station to the west of the subject, two current gas stations to the north of the subject, (which are currently involved in or have had cleanup operations due to leaking underground storage tanks), and the unknown disposition of approximately 3-5 feet of fill material residing on the subject site.

Analysis of soil and groundwater samples indicate that the northwestern portion of the site is impacted by gasoline-range petroleum hydrocarbons and benzene in soil and gasoline-range petroleum, benzene and ethylbenzene in ground water in concentrations above MTCA Method A cleanup levels for ground water and soil. It is unknown from the data collected to date as to where the source of this contamination is and additional investigation would be required to determine

the source. This additional investigation should include groundwater monitoring wells and additional soil borings and laboratory analysis. Also, it appears ground water is impacted with concentrations of arsenic, chromium and lead above MTCA Method A cleanup levels below the subject site. It is unknown whether an off-site condition or the resident fill material is the source of this groundwater contamination. Additional investigation of the soils can be conducted in conjunction with the investigation into the petroleum-impacted soils.

7.0 Findings, Conclusions and Recommendations

7.1 Findings and Conclusions

The subject property consists of two commercially zoned parcels of land. These parcels are currently used for commercial business operations. The surrounding properties are various commercial businesses including gas stations, office buildings, a motel, and a restaurant.

We have performed Phase I and Limited Phase II Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of 3402 and 3520 Pacific Highway East, Fife, Washington 98424. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this document. This assessment has not revealed evidence of recognized environmental conditions except for the following:

- Approximately one to three feet of fill material is present on the subject parcels. The Limited Phase II investigation conducted did not reflect environmental impacted soils. However, ground water under the subject site is impacted with arsenic, chromium and lead above MTCA Method A cleanup levels for ground water. It is unknown at this time whether or not the ground water is impacted from the fill or an off-site source.
- A historical gas station was located adjacent to the west and two current gas stations with leaking underground storage tanks are located to the north of the subject. There was no information on the historical gas station but Washington Department of Ecology files were reviewed for this project for the two current stations. These reports indicated that the Sac's Chevron site located adjacent to the subject site (northwest of subject) was reported as cleaned up and a NFA was granted by Ecology. The other gas station site, Texaco (Shell) station, is located northwest and across Pacific Highway East from the subject. During the upgrade of their underground storage tanks, contaminated soil and ground water was encountered. A portion of the contaminated soil was removed and a vapor extraction system and groundwater monitoring wells were installed. A note in the file from Lynn Gooding, Department of Ecology, dated February 2002 indicated that quarterly monitoring is continuing and that the contamination plume is still not defined and may be off-site.

  A Limited Phase II investigation was conducted to determine if these sites might have impacted the subject site. Soil borings were placed along the northwestern boundary of the subject. Soil and groundwater samples collected and analyzed indicated the presence of gasoline-range petroleum hydrocarbons, benzene and ethylbenzene above the MTCA Method A cleanup levels for both soil and ground water. There is not enough data at this time to determine the likely source of contamination.

7.2 Recommendations

Additional study should be conducted to determine the aerial and lateral extent of petroleum contamination found in the northwest portion of the subject property. This investigation should also include steps to determine the impact of arsenic, chromium, and lead to ground water and whether the source is from on- or off-site sources. Recommended study includes the installation of

groundwater monitoring wells, additional soil borings and sampling and analysis of soil and groundwater samples. Groundwater monitoring wells will help to determine local ground water gradient to facilitate the determination of potential sources of contamination.

8.0 References

Federal, State, and Local Agency Records

EDR Radius Map with GeoCheck, EDR, Inc. February 18, 2004
Washington Department of Ecology Files
Washington State Transportation Department Map (1936)

Library Research Tools

Polk's Suburban Directories
Sanborn Fire Insurance Maps
Metsker Historical Atlases

Other Sources

Pierce County Assessor-Treasurer's Office
City Tacoma Geographic Information System
U. S. Department of the Interior - Geological Survey - 7.5-Minute Series
U. S. Department of Agriculture - Soil Survey Pierce County, Washington 1979
Aerolist Photographers - Aerial Photographs
EDR Historical Topographic Map Report February 23, 2004
Draft Phase I Environmental Site Assessment Fife Retail Complex 3408-3508 Pacific Highway East, Fife, Washington Environmental Resources Management, February 2000
Phase I Environmental Site Assessment Hometel Inn Motel 3520 Pacific Highway East, Fife, Washington NVL Laboratories, Inc. June 2002

9.0 Closure

This concludes the Phase I and Limited Phase II Environmental Site Assessment of two parcels located in Pierce County Washington. Questions regarding the contents of this report should be addressed to the project manager. The professional qualifications of the preparers of the report are listed in Appendix E to this document.

The statements, conclusions, and recommendations provided in this report are to be used exclusively within the context of this document. They are based upon generally accepted environmental and hydrogeologic practices and are the result of analysis by Robinson, Noble & Saltbush, Inc. staff. This report, and any attachments to it, is for the exclusive use of the Puyallup Tribe of Indians and Mr. Eugene Mudarri. Unless specifically stated in the document, no warranty, expressed or implied, is made.

APPENDIX A

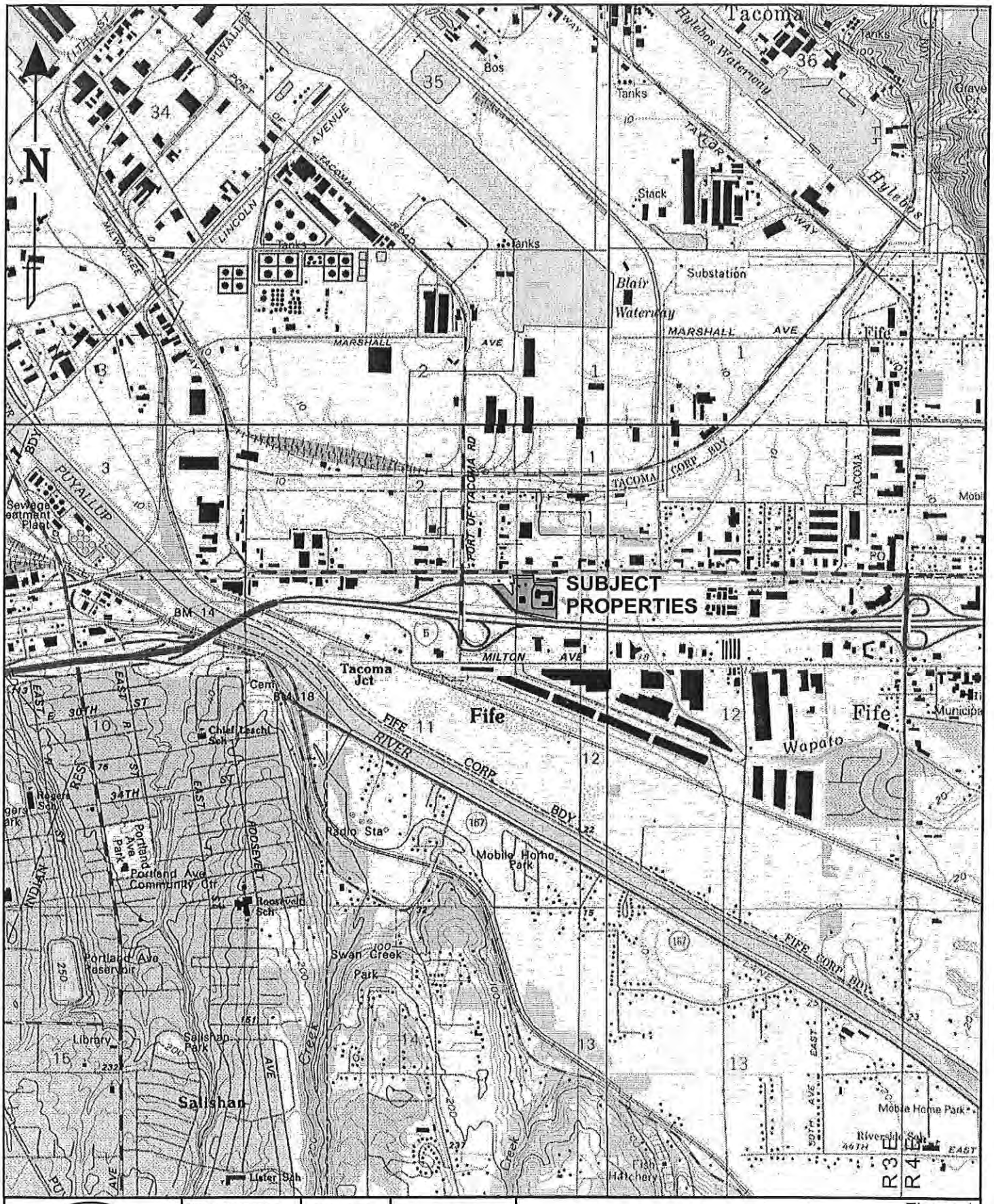

ROBINSON & NOBLE, INC.	Note: Basemap taken from USGS Puyallup Quadrangle	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Scale 1" = 2000'	Figure 1 Vicinity Map Puyallup Tribe of Indians:Fife Parcels Phase 1 ESA

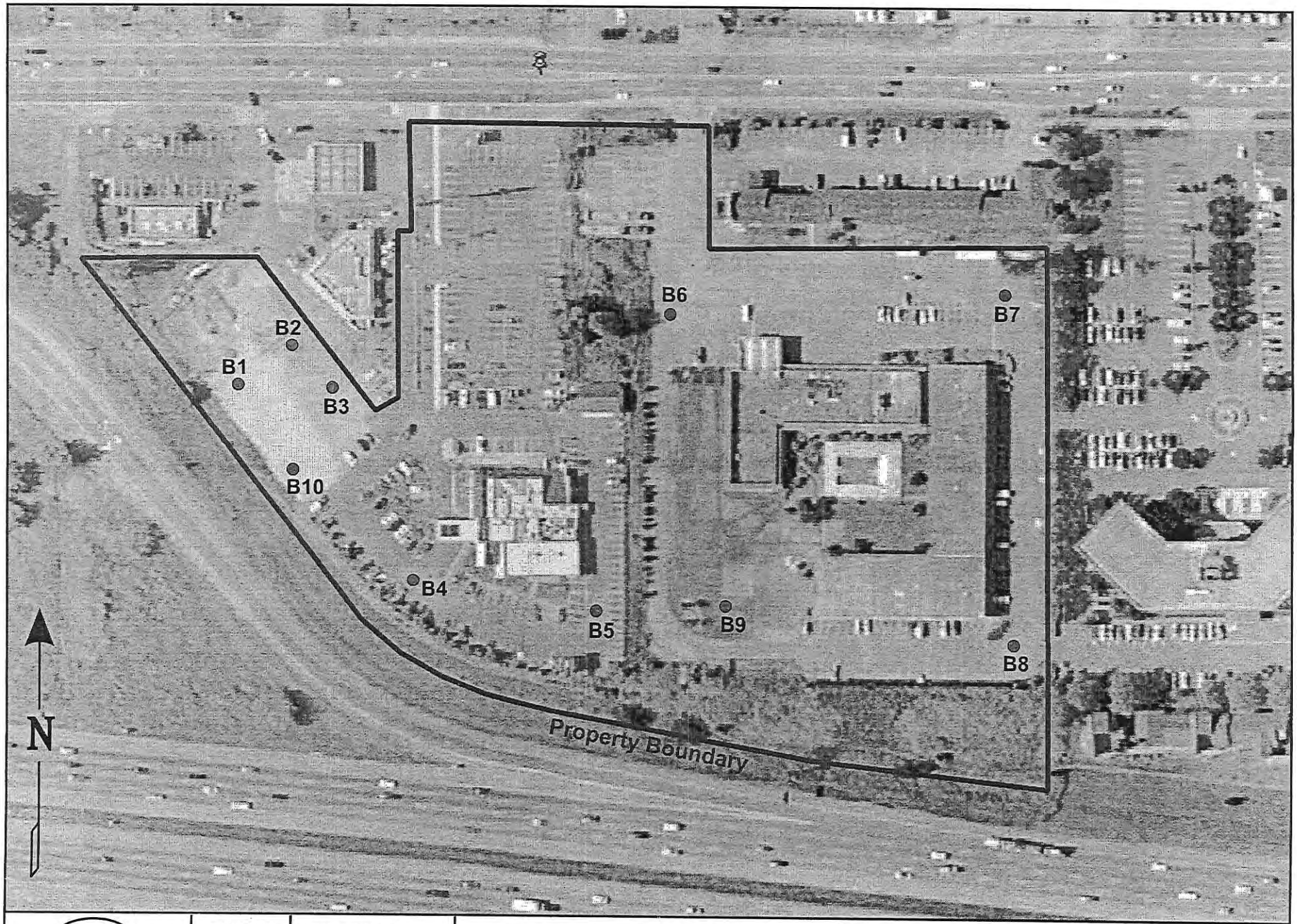

ROBINSON & NOBLE, INC.	PM: TWS April 2004 1757-004A	Pierce County T 20 N/R 3 E - 11 Drawing Not to Scale	Figure 2 Boring Location Map Puyallup Tribe of Indians:Fife Parcels Phase 1 ESA

Phase I Environmental Site Assessment

Hometel Inn Motel
3520 Pacific Highway East
Fife, Washington

Prepared for:

Mr. Fred Roberson
Roberson Building Co.
1944 Pacific Avenue, Suite 900
Tacoma, WA 98402

Date Prepared: June 25, 2002

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APPENDICES

Appendix A: Photographs of the Subject Property and Surrounding Area
Appendix B: City of Fife Records
Appendix C: The EDR-Radius Map with GeoCheck ™

1.0 EXECUTIVE SUMMARY

June 25, 2002

NVL Laboratories, Inc., is pleased to present this Phase I Environmental Site Assessment for the site located at 3520 Pacific Highway East, Fife, Washington. Mr. Fred Roberson of Roberson Building Company commissioned the assessment. The site is located in a mixed commercial/industrial district that also has scattering of single-family residences.

1.1 FINDINGS

The Pierce County, City of Fife and Polk city directory records indicate the property was undeveloped land as late as 1963, then developed as a hotel. The land use of the site has been for hotel/motel since then.

The site is listed in the Ecology database as small quantity generator. Several contaminated sites, including Commencement Bay Superfund site, and sites regulated under RCRA were identified within a 1 mile radius of the site, however, these sites are not located in the adjoining structures. There is a potential for environmental impacts to the subject property.

1.2 CONCLUSIONS

The information gained through the investigation described in this report has revealed a low potential for environmental impacts to soils and groundwater below the property from on-site sources. However, there is potential for environmental impacts to soils and groundwater below the property from off-site sources. Therefore, a Phase II is recommended.

2.0 INTRODUCTION

NVL Laboratories, Inc. was retained by Mr. Fred Roberson to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 3520 Pacific Highway East, Fife, Washington (Figure 1, Site Location Map). The subject site is located in a mixed commercial and industrial neighborhood with scattering of residences.

The property consist three separate buildings that are part of the Hometel Inn Motel.

2.1 PURPOSE

The purpose of this study is to assess environmental impacts from past uses of the property, conducted in accordance with the degree of skill and care required by ASTM standard.

2.2 SCOPE OF WORK

This Phase I Environmental Site Assessment included the following activities:

- A site visit, including a general characterization of the property with a visual survey of the property and adjoining properties. Business activities of adjoining properties were noted for further evaluation regarding potential impact to the subject site.

- Review of federal, state, and local records and permits concerning the subject site and adjoining properties. Such records included registered underground storage tank (UST) locations, leaking underground storage tank (LUST) sites, and state-listed hazardous waste sites. A computer search of regulatory records was provided by Environmental Data Resources, Inc. (EDR) and reviewed by NVL. For the purpose of this assessment, the record search included the following regulated environmental sites, with the search radius indicated.

- Review of the following U.S. EPA databases to determine the location of hazardous waste generators and present or potential hazardous waste sites within defined radii of the subject site. These listings include:

  –National Priorities List (NPL), for sites within a one-mile radius of the subject site;

–U.S. EPA CERCLIS Listing, for sites within a one-half mile radius of the subject site;

–Resource Conservation and Recovery Act (RCRA) treatment, storage and disposal (TSD) facilities for sites within a one mile radius of the subject site; and,

–U.S. EPA Region 10 RCRA Notifier's List, for the subject site and adjoining sites.

- Review of geologic, hydrogeologic, hydrologic and topographic conditions of the subject property.

- Evaluate the historical use of the property and immediate vicinity. Historical uses were evaluated by reviewing readily available information sources such as aerial photographs, city directories, property tax assessor's records, Sanborn Maps ™ and other readily available records to determine past land use. Historical records were searched back to the first documented development or 1940, whichever is earlier.

- Preparation of this report, which describes the results of all tasks, and which evaluates the need to investigate in more detail potential contamination and related liabilities.

- Interviews

3.0 SITE VISIT

NVL personnel visited the subject site on June 11, 2002. During the site visit, the property was inspected to determine present uses and to identify possible environmental impacts. In particular, the site was carefully inspected for areas of discolored or stained soil, drums, areas of open dumping, vent lines and/or fill lids associated with USTs. The results of the site visit are presented below.

3.1 SITE DESCRIPTION

The subject property is located within the city limits of Fife, in the Commencement Bay/Port of Tacoma neighborhood in Pierce County, Washington (Figure 1, Site Location Map). The subject site is located in NE-Section 11, Township 20 North, Range 3 East; Parcel number 0320111049. The site is bounded by Pacific Highway East on the north, and Interstate 5 Freeway on the south, and commercial establishments to the east and west. The property is relatively flat lying.

Figure 2 shows the general layout and features of the property. There are three separate structures, herein referred to as the North Wing, East wing and South Wing, at the site. Photographs of the site (in Appendix A) show the general appearance of the site as observed during the site reconnaissance. Pierce County records indicate the property consists of a rectangular commercial property serviced by public water and sewer. Three structures cover a portion of the site with a relatively larger portion covered by asphalt paved parking, courtyard, landscape areas and planters. The construction details of these structures were not available in the city/county records.

The reception area and office of the Hometel Inn Motel is located in the north wing building (Photographs 1, 2, and 10). This wing has an unused restaurant, laundry room and boiler room. The concrete block structure has tarred roof.

The east wing of the Hometel Inn Motel is a two-story structure facing an office building (Photograph 3).

The south wing of the Hometel Inn Motel has two floors and the building faces Interstate 5 Freeway (Photographs 4 and 5).

An unused swimming pool (Photograph 10) is located in the courtyard of the motel. It is partially filled with brownish water. Photograph 7 shows the garbage area with wooden debris, cardboard, glass, and metal pieces strewn across this area. Two containers are present at this location and used as

storage space. A shed (Photograph 7) is also used as a storage and tool room.

The boiler room uses gas/electricity and there were six small containers of Chlorodifluoro methan located in the room along with two, approximately 5-gallon containers of caustic alkali.

In front of the boiler room area, an unused cooking oil container with stained asphalt (Photograph 11) was located. The stains, however, looked relatively old.

A concrete pad exists in the west central portion of the site near the property boundary (Photograph 12) in the landscape/over grown area. Metal covers or manhole-like structure were not readily apparent on this concrete pad. According to the information provided by Mr. Hardeep Singh, the concrete pad may have been used to support posts of a billboard. No other easily available information was obtained on the existence of the concrete pad. Mr. Singh also stated that five small diameter pipes located on the east side of the reception area, are part for sprinkler system.

3.1.1 UNDERGROUND STORAGE TANKS (USTs)

No fill ports or other access ports were observed at this location during the site visit.

Furnaces located in the boiler room appeared to be using natural gas/electricity.

4.0 SURROUNDING SITES SURVEY

A visual survey of adjacent and nearby properties was conducted at the time of the site visit on June 11, 2002. The subject site and surrounding properties are shown in Figure 3, Aerial Photo and Photographs in Appendix A. The subject site is bounded by Interstate 5 Freeway to the south and Pacific Highway to the north. Port of Tacoma road is located to the west of the site. A brief description of adjacent properties, organized by their direction relative to the site, follows:

NORTH:
The site is bounded to the north by Econo Lodge and Pacific Highway East. Diverse businesses are located along Pacific Hwy in the vicinity of the site. Familian NW, Ramada, Glacier Motel and Texaco are located along north side of the Pacific Hwy.

SOUTH:
Interstate 5 freeway is located to the south of the site. South of the freeway, a large complex of commercial, industrial and warehouse businesses are located along 20th Street East. Directly south of the site across from the freeway, Peterbuilt truck facility at 3443 20th St. E., United Furniture and PAPE Machinery at 3607 20th Ave. E. are located.

WEST:
A Casino (Freddie's Casino), Chevron gasoline service station and Jack In The Box are located along south the side of Pacific Hwy., west of the site.

EAST:
Trans-Pacific Trade Center office building is located to the east of the site. Lindal Homes and model log houses are located to the south of Trans-Pacific office building. Residential structures are located to the east of the Trans-Pacific office building. Red Oval Peterbuilt Truck Company and Sunshine Motel are located along the Pacific Hwy., northeast of the site.

5.0 PAST SITE USE

Historical site information was obtained during the preparation of this environmental site assessment. Potential environmental impacts resulting from past uses of the subject property were assessed using the information collected during review of the site history.

5.1 AERIAL PHOTOGRAPH REVIEW

NVL Laboratories, Inc., reviewed aerial photographs dated 1946, 1969, 1979, 1985, 1992, 1996 and 2000.

1946: The site appears fairly different from today. The site appears to be farmlands with three structures that appear similar to be single-family residences located along the present day Pacific Hwy. Land use in the vicinity appears mostly agricultural and the area appears sparsely built.

1969: Major differences are apparent in this aerial photograph from the 1946 photo. The site structures are apparent in the photograph. Interstate 5 freeway is also apparent in the photo. Structures that appear similar to single-family residences are located to the west and east of the site.

1979 : The site and the surrounding structures look similar to present day setting. The area appears to be fairly developed by the 70's.

1985: The site looks similar to the 1979 photograph but the Econo Lodge structure is present to the north of the Hometel Inn.

1992: The site looks similar to the 1985 photograph.

1996: The site looks the same as present day. To the east of the site, is a large area that looks like a parking lot and the office bldg. structure is apparent in the photo.

2000: The site looks similar to the present day setting.

5.2 DOCUMENTED SITE INFORMATION

5.2.1 CITY DIRECTORIES

Sanborn Fire Insurance maps were not available for the area.

Polk Directories were reviewed for information on both the subject property and neighboring properties. Not all businesses may be listed in the directories.

Polk 1994 directory lists the following addresses along Pacific Highway East from Port of Tacoma Road:
3251 Texaco gas stn.
3401 Glacier Motel
3402 Jack in the Box
3408 SAC's Deli & Groc. Gas station (Present day Chevron)
3410 La Casa Real Restaurant (present day Freddie's Casino)
3508 Sierra Tile Co. Inc. (now a parking lot of Freddie's Casino)
3517 Familian-Northwest Inc. Plumbing supply wholesale
3518 Econo Lodge motel
3520 Hometel Inn motel
Jewel of India Restaurant
3700 Trans-Pacific Trade Center office building
3701 Cummins Northwest truck repair
3718 C B Commercial Real Estate
3726 Lindal Cedar Homes
3801 Birds Motel (present day Sunshine Motel)
3812 Residence

Polk 1994 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3505 United Furniture Warehouse
3607 Smith Tractor and Equipment (now it is PAPE/John Deer Machinery)
3701 Standard Paper co. (now AWC Service collision Repair at the address)
3801 Cascade Trailways, Inc. (now Great American RV at the address)

Polk 1990 Directory lists the following addresses along Pacific Hwy:
3251 Texaco gas stn.
3401 Glacier Motel
3402 Jack in the Box
3408 SAC's Deli & Groc. Gas station
3410 La Casa Real Restaurant
3508 Sierra Tile Co. Inc.
3517 Familian-Northwest Inc. Plumbing supply wholesale
3518 Port of Tacoma Motor Inn (1985 directory lists Nendels Port of Tacoma Motel)
Walia's Restaurant
3700 Trans-Pacific Trade Center office building

3701 Cummins Northwest truck repair
3726 Lindal Cedar Homes
3801 Birds Motel
3812 Residence

Polk 1990 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3505 VIP Homes
3607 Smith Tractor and Equipment
3701 Standard Paper co.
3801 Cascade Trailways, Inc.(now Great American RV at the address)

Polk 1980 Directory lists the following addresses along Pacific Hwy:
3251 Lowell's Texaco gas stn.
3309 Residence
3401 Kelley Motel
3402 Gasamart Inc. serice station
3423 Residence
3505 Residence
3508 Vacant
3517 Familian-Northwest Inc. Plumbing supply wholesale
3518 Holiday Inn Motel
3701 Buck & Sons Tractor Co.
3718 Justus Custom Cedar Homes
3722 Residence
3725 Residence
3726 Justus Custom Cedar Homes
3801 Birds Motel
3812 Residence

Polk 1980 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3151 Turner's Machinery Inc.
3511 Residence
3603 Residence
3607 Smith Tractor and Equipment
3701 Standard Paper co.
3723 Residence
3725 Residence
3801 Gilchrist Kent GMC parts, sales & service

Polk 1975 Directory lists the following addresses along Pacific Hwy:
3251 Lowell's Texaco gas stn.
3309 Residence
3401 Kelley Motel
3402 Gasamart Inc. serice station
3423 Residence
3505 Residence
3508 Residence
3517 Osaka Landscaping & Nursery
3518 Holiday Inn Motel
3701 Buck & Sons Tractor Co.
3718 Justus Custom Cedar Homes
3722 Residence
3725 Residence
3726 Scofield Realty
3801 Birds Motel
3812 Residence

Polk 1975 directory lists the following addresses along 20th Street East, located south of the Interstate 5 Freeway. Businesses located directly across the freeway are listed below:

3511 Residence
3603 Residence
3607 Smith Tractor and Equipment
3701 Standard Paper co.
3721 Residence
3725 Residence
3723 Residence
3725 Residence
3801 Gilchrist Kent GMC parts, sales & service

Polk directories are only available through 1974 for the area. The subject site was initially listed as Holiday Inn Motel but there appears to be name changes over time to Nendel's, Port of Tacoma Motor Inn and Hometel Inn Motel.

The directory shows a gradual increase in commercial/industrial land use along 20th Street East from mostly residential in 1975. The name of 20th Street E. has changed from Stuck Valley Road to Milton Avenue and eventually to 20th Street E. Among other name changes of streets include Port of Tacoma road, as it was known in the past as Ruddock Road. Seattle-Tacoma Interurban Railroad occupied the Pacific Highway E.

The businesses located along the north side of 20th Street E., and directly south of the subject property, appear to be located in an upgradient direction from the subject site. Some of these businesses, such as Peterbuilt Truck sales and repair, PAPE/John Deer, AWC Service Collision Repair, and Great American RV Sales and Service, occupy a large portion of land and they appear to be repair facilities. These businesses have the potential for impacting subject site.

5.2.2 CITY OF FIFE RECORDS

The City of Fife record contains Fire code violations, mostly related to smoke alarms. However, the file contains record of an illegal methamphetamine lab in room 133 in February 15, 1997. The correspondence shows that the room was remediated and occupancy permit given by Tacoma-Pierce County Health Department.

Construction permit and drawings for the renovation in 1996 are documented in the file. Appendix B contains some of the records.

6.0 SITE PHYSICAL CHARACTERISTICS

6.1 TOPOGRAPHIC CHARACTERISTICS

A review of the United States Geological Survey (USGS) topographical map for Tacoma South, Washington, indicates that the site is situated in the Puyallup River valley in the Commencement Bay at an approximate elevation of 10 to 15-feet above mean sea level. The local topography is relatively flat (see Figure 1).

6.2 GEOLOGY

The site is situated in the lowlands of the Puget Sound basin in western Washington. Surficial geology of the Puget Sound lowland is dominated by Pleistocene glacial alluvium with Recent alluvium in river floodplains and mouths. Pleistocene glacial alluvium consists mostly of varied assortments of till, outwash sand and gravel, and glacial lake sediments deposited during glacial advancement and retreat. Outwash sand and gravel consist of all sizes of sand, gravel and some cobbles and boulders deposited by meltwater streams in front of the advancing or retreating glaciers. These deposits typically contain very few fines and tend to be increasingly well-sorted and stratified with increasing distance from the glacier. Glacial lake (lacustrine) deposits tend to be much finer and less permeable. Till is unsorted sediment of low permeability. This depositional system tends to create somewhat discontinuous strata of varying permeability with "lenses" of less permeable material that support perched ground water zones.

6.3 HYDROLOGY AND HYDROGEOLOGY

The nearest natural water bodies are Puyallup River, located just to the south and west of the site, and Commencement Bay, located to the north of the site.

Lenses of more permeable sand and gravel often exist in the soils beneath the site and formation and shallow unconfined aquifers are typical of these conditions with static water levels often within 15 feet of the ground surface. Ground water flow is likely to correspond with the Puyallup River and Commencement Bay flow regimes. The northwest-flowing Puyallup River may indicate northwesterly ground water flow.

7.0 REGULATORY RECORDS REVIEW

NVL contracted with EDR (Appendix C) to conduct a regulatory database review of federal and state environmental information pertaining to facilities located within a specified radius of the subject property. The database review included NPL sites, CERCLA sites, RCRA generators and TSD facilities, UST sites, LUST sites, and C & SCS sites.

7.1 STATE AND LOCAL GOVERNMENT AGENCIES RECORDS REVIEW

Washington Department of Ecology (WDOE) lists of information pertinent to the subject property have been reviewed and key information is summarized below. It is important that the appearance of a given property on such listings is not intrinsically a cause of concern. Conversely, a property not appearing on such listings may in fact be of significant concern. Information obtained from these agencies follows.

7.1.1 UNDERGROUND STORAGE TANKS (USTs)

There are five UST sites within a quarter mile of the subject property that are registered with the WDOE. They are:

SAC's Mart	3408B Pacific Hwy E.
Thermo King NW	3701 Pacific Hwy E.
Texaco	3251 Pacific Hwy E.
Flying J Travel Plaza	1501 33rd Ave. E.
Jet Truck Parts	3909 Pacific Hwy E.

A review of the UST list, as provided by EDR, and dated 3/13/2002, did not list the subject property within the WDOE database as having UST's.

7.1.2 LEAKING UNDERGROUND STORAGE TANKS (LUSTs)

There are two LUST site within a 0.5-mile radius of the subject property. They are:

Texaco	3251 Pacific Hwy E.
Flying J Travel Plaza	1501 33rd Ave. E.

A review of the LUST list, as provided by EDR, and dated 3/13/2002, did not list the subject property within the WDOE database as having UST's. These LUST sites might be further investigated to determine whether or not they pose an environmental threat to the site.

7.1.3 CONFIRMED AND SUSPECTED CONTAMINATED SITES (C & SCS) REPORT

WDOE C& SCS reports represents hazardous waste sites that are either under investigation or to be investigated by WDOE. Six sites are located within one mile of the subject property. However, only one is located up gradient of the site.

Union Pacific RR Fife	3330 20th St. E.

All of the other sites are located at elevations below the subject property elevation or at a distance from the subject property.

7.1.4 SOLID WASTE LANDFILLS

There are no landfills listed within the search radius.

7.2 FEDERAL DATABASE/ RECORDS REVIEW

CERCLIS is the U.S. EPA's comprehensive database and management system that inventories and tracks releases addressed or needing to be addressed by the federal Superfund program. The National Priorities List, or NPL, is a listing of sites from CERCLIS, which are in need of the most immediate attention. The RCRA Region X Notifier's List contains those businesses that produce hazardous waste and have registered with the U.S. EPA. RCRA TSD facilities are those that treat, store, or dispose of hazardous wastes. These databases were reviewed for the subject property, to identify potential for environmental liability.

NPL: Portions of Port of Tacoma/Commencement Bay is a superfund site, located to north of the site. Mr. Peter Contreras, EPA Region X, indicated that he does not think that there is a connection to the Commencement Bay Superfund Units with the subject site.

One site has been identified on The Resource Conservation and Recovery Information System (RCRIS-LQG) list within ¼ mile. This site is:

Sierra Sandblasting Painting	3402 12th St. SE.

Ten sites have been identified on The Resource Conservation and Recovery Information System (RCRIS-SQG) list within ¼ mile. Three of the closest sites are:

Tacoma Port Motor Inn	3518 Pacific Hwy E.
La Casa Real Drum	3410 Pacific Hwy E.

Glacier Motel Drug bust 3401 Pacific Hwy. E.

Sharon Bell of Tacoma-pierce County Health Dept. stated that the Tacoma Port Motor Inn removed 336 ponds of hazardous waste in 1989, comprising of hydrochloric acid, caustic and inorganic chemicals. It was a one-time permitted activity and the permit was withdrawn in 1992.

According to Mr. Robert Scott, Deputy Fire Marshal, City of Fife, Hometel Inn Motel was also remediated following a drug bust in 1997and he is not aware of any other hazardous waste incidence or UST's at the site.

8.0 LIMITATIONS

NVL Laboratories (NVL) is not engaged in environmental auditing and reporting for the purpose of advertising, sales promotion, or endorsement of any client's interests, including raising investment capital or recommending investment decisions, or other publicity purposes. The client acknowledges that any reports prepared by NVL are for the exclusive use of the client, and will not be used or reproduced in full or in part for such promotional purposes, and may not be used or relied upon in any prospective or offering circular. The client also agrees that none of its advertising, sales promotion, or other publicity matter containing information obtained from this audit and report will make reference to NVL's trade name.

The report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, scope of work, budget and schedule. To the extent that more definitive conclusions are desired by the client than are warranted by the currently available facts, it is specifically NVL's intent that the conclusions and recommendations stated in our report will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

NVL makes no claims or guarantees with regard to this environmental review. NVL does not represent that this Phase I work, in and of itself, constitutes "all appropriate inquiry into the previous ownership and the uses of the property," as this phrase is used in Section 101 (35) (B) of the Federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended through Public Law 99-499 (October 17, 1986).

Sincerely,
NVL Laboratories, Inc.

Moinoddin Kadri, R.G.
Project Manager

Benjamin Cook
Hazardous Materials Specialist

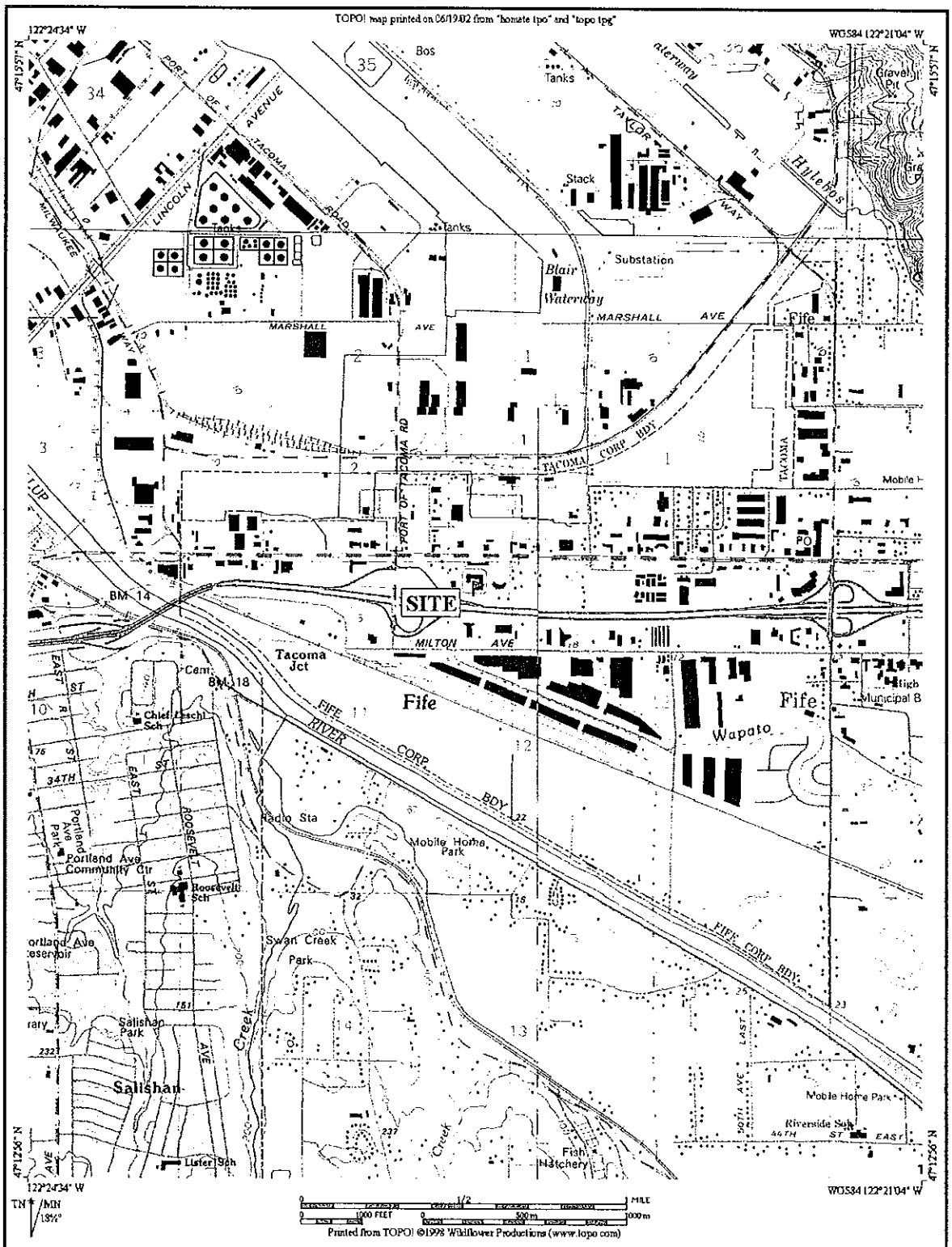

Figure 1: Site Location Map.
Hometel Inn Motel Phase I ESA
3520 Pacific Highway East, Fife, Washington.
Map from Wildflower Productions Maps

NVL Laboratories **June 19, 2002**

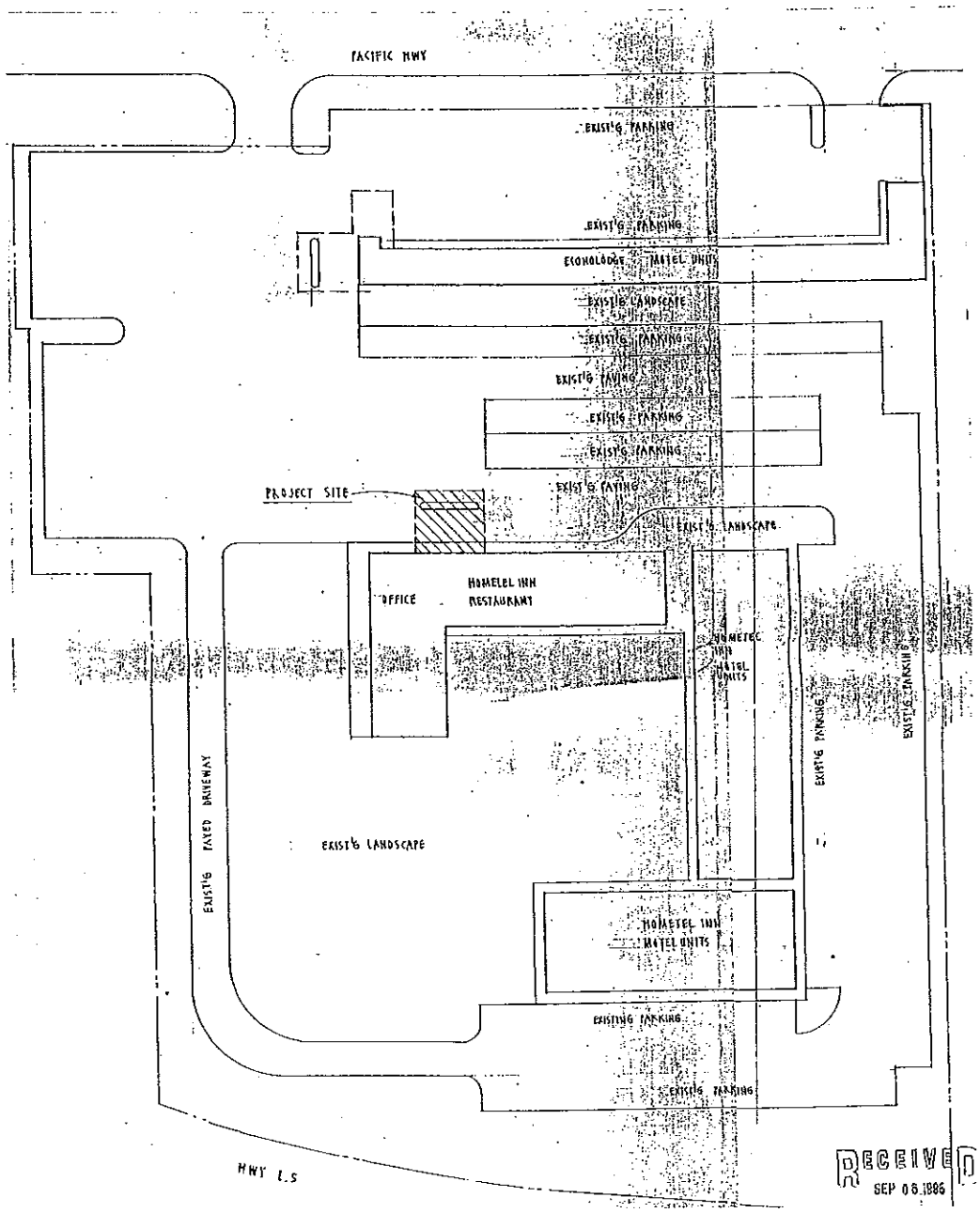

Figure 2: Site Map.
Hometel Inn Motel
3520 Pacific Highway East
Fife, Washington.

Map form drawing by N. Kim Pham, Architect, September 3, 1996

NVL Laboratories, Inc. **June 21, 2002**

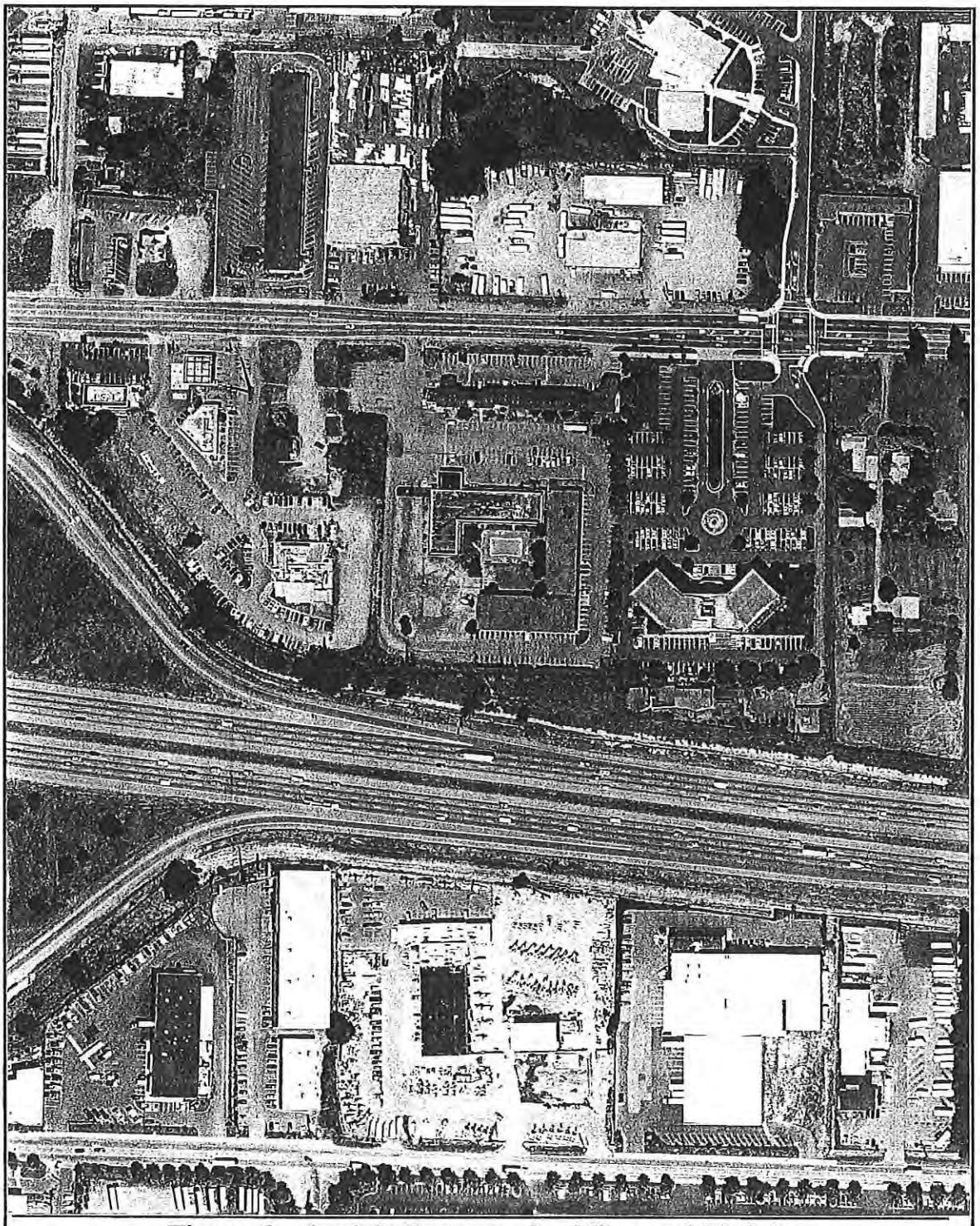

Figure 3: Aerial Photograph of Site and Vicinity.
Hometel Inn Motel
3520 Pacific Highway East
Fife, Washington.
Photo From Pierce County

NVL Laboratories, Inc. **June 21, 2002**

APPENDIX A
Photographs

Photograph 1: Composite-panoramic view of the site looking at the north side of the Hometel Inn Motel, the parking lot and Econo Lodge to the left in the photograph and the view of western portion of the property to the right in the photograph.

Photograph 2: View looking north of the western portion of the Hometel Inn Motel. Three separate structures exist at the site and the photograph shows the North Wing.

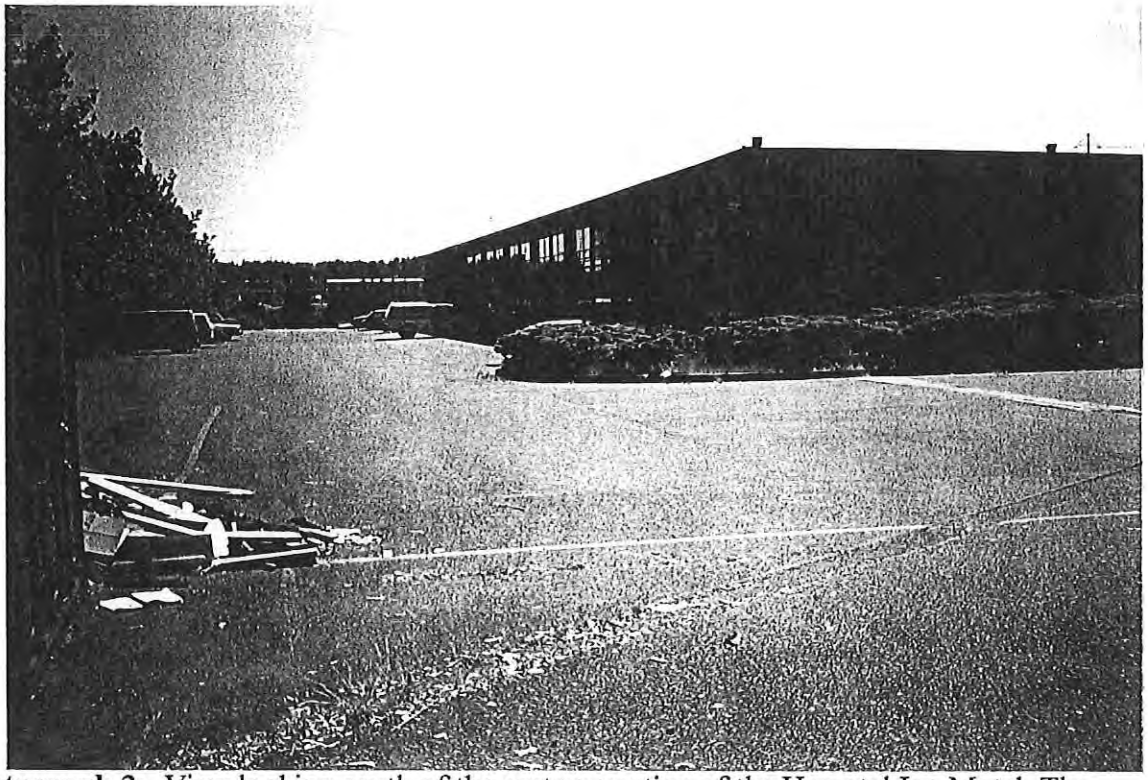

Photograph 3: View looking south of the eastern portion of the Hometel Inn Motel. The photograph shows the East Wing of the Hometel Inn.

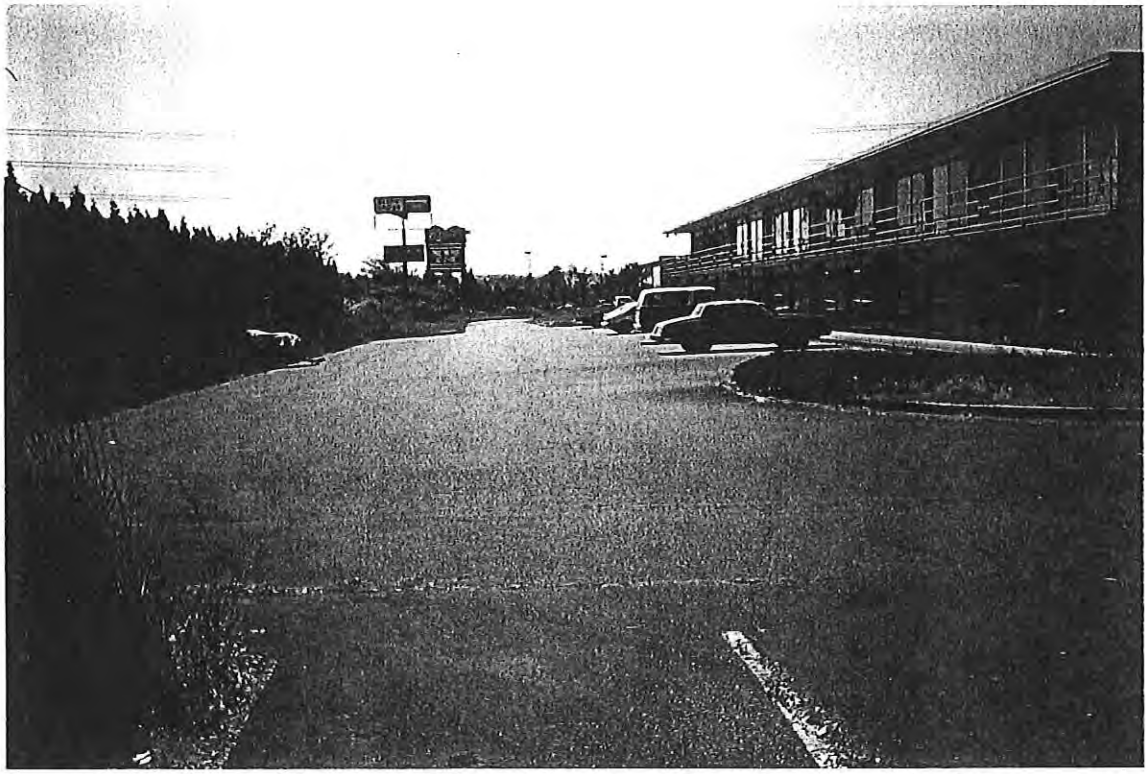

Photograph 4: View looking west of the south wing of the Hometel Inn Motel. Interstate 5 freeway is to the left in the photograph.

Photograph 5: View looking east of the south wing of the Hometel Inn Motel. Multi-story office building visible in the photograph is located to the east of the subject property.

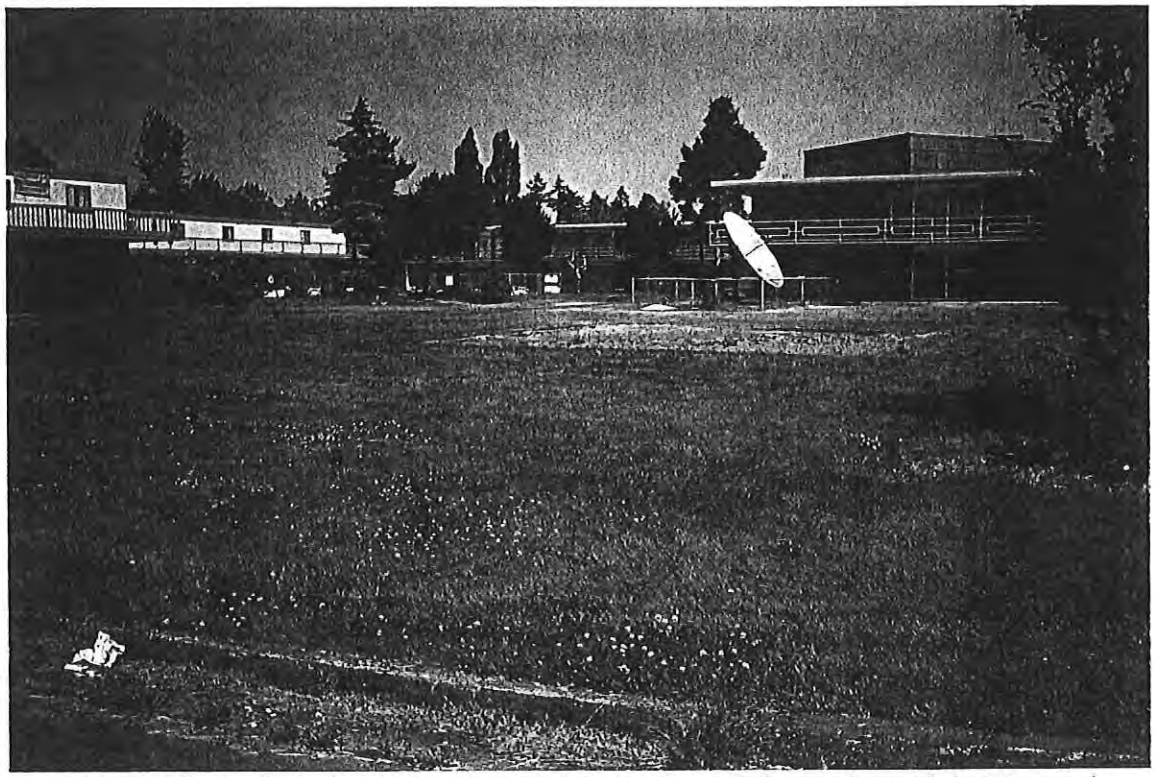

Photograph 6: View of southwest portion of site showing all three wings of the Hometel Inn. A large landscaped area with a gravel-filled portion is visible in the foreground.

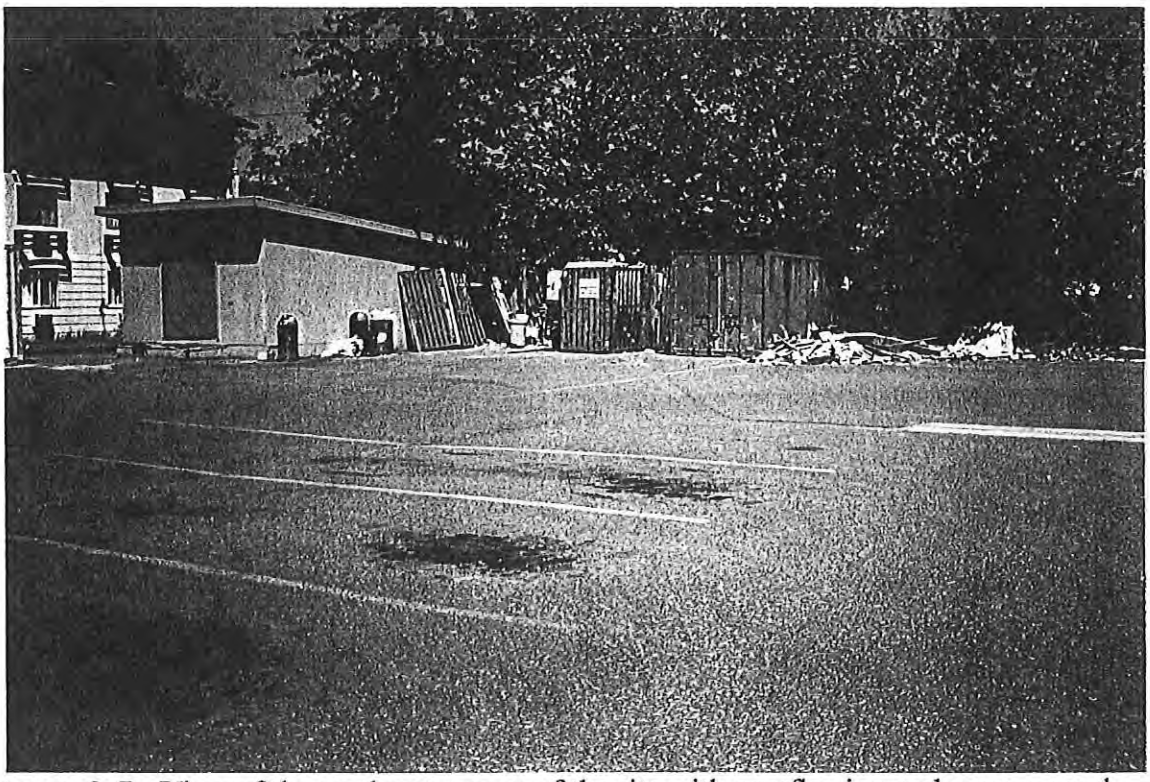

Photograph 7: View of the northeast corner of the site with overflowing garbage cans and storage shed.

Photograph 8: View looking west of businesses located along Pacific Highway. Freddie's Casino, Chevron and Jack In The Box are located along south side of Pacific Hwy., west of the site, while Familian NW, Ramada, Glacier Motel and Texaco are located along the north side of Pacific Hwy.

Photograph 9: View looking east of businesses located along Pacific Highway. Red Oval trucking, Sunshine Motel are located along north side of Pacific Hwy., east of the site, while Trans Pacific Trade Center office building and residences are located along the south side of Pacific Hwy.

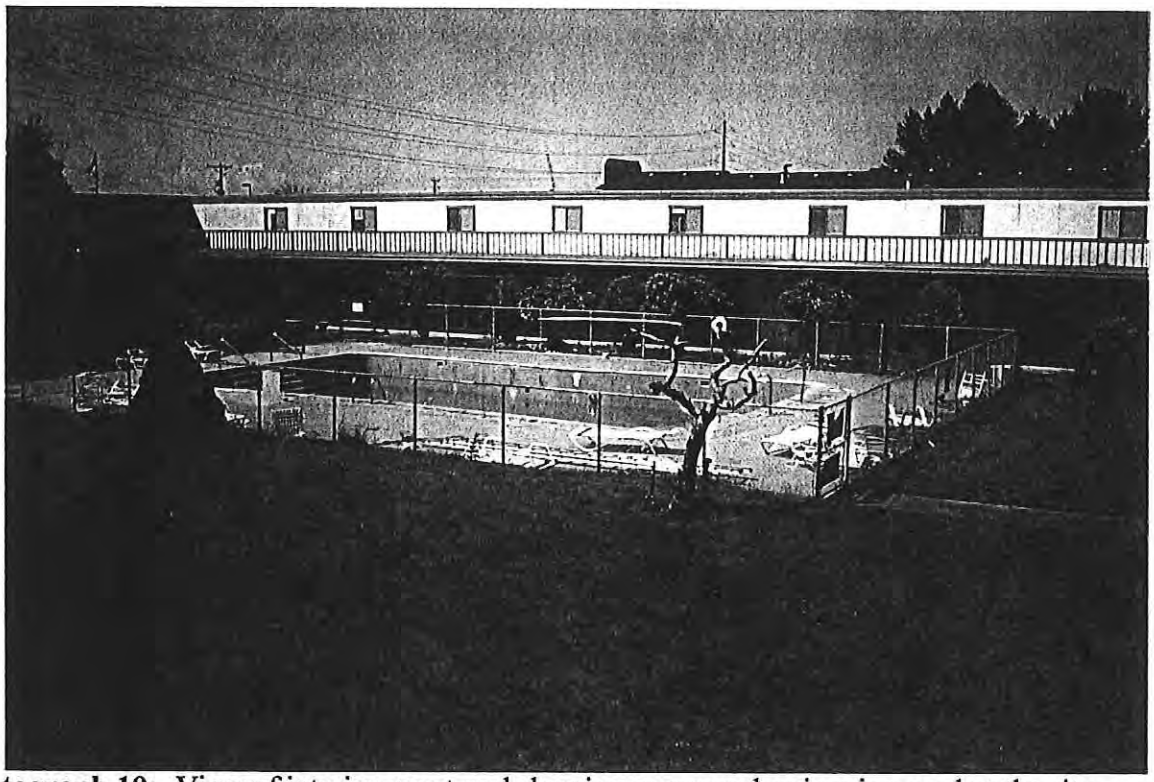

Photograph 10: View of interior courtyard showing an unused swimming pool at the site.

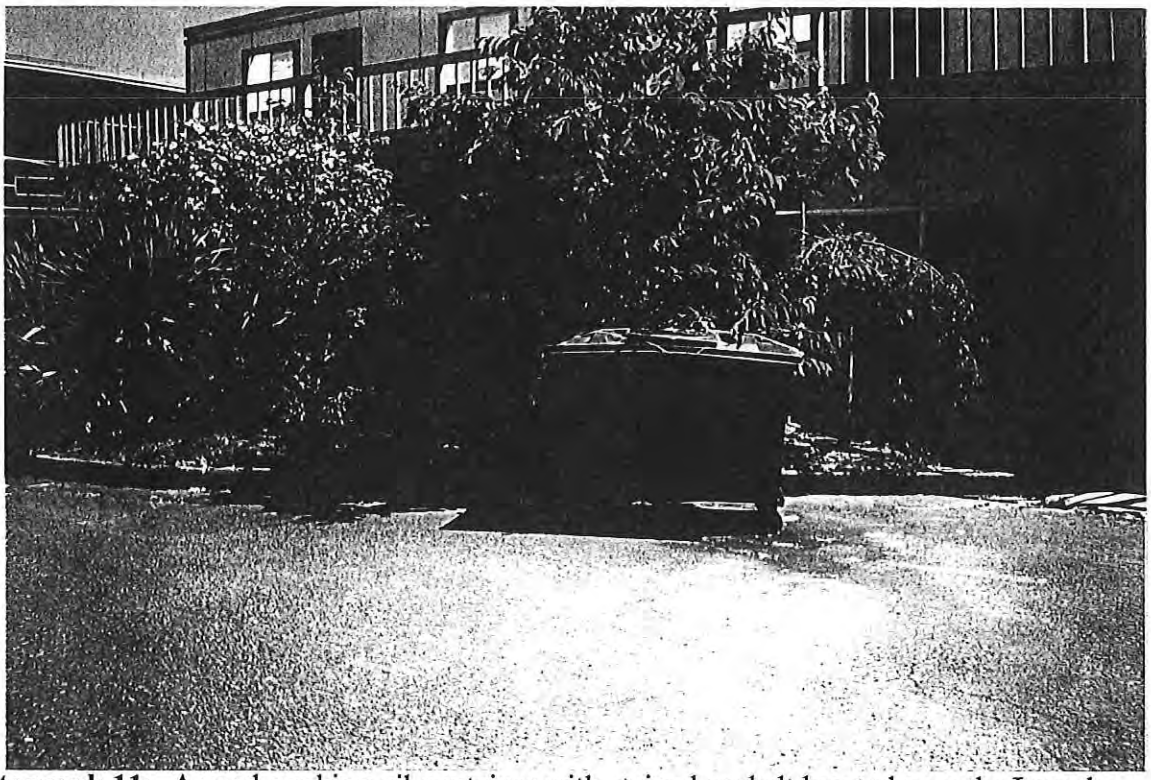

Photograph 11: A used cooking oil container with stained asphalt located near the Laundry room and Boiler room.

Photograph 12: A concrete pad exists in the overgrown landscape area in the west central portion of the site, close to the property boundary.

APPENDIX B
CITY OF FIFE RECORDS

Memorandum

To: Carl Durham, B.O./F.M. (File)
Ken Farris, C.E.O. (F.Y.I.)

From: Howard P. Schesser, Community Development Director & Deputy Fire Marshal

Re: Meth Lab at Hometel Inn - 3520 Pacific Highway E

Date: February 17, 1997

Saturday 2-15-97. Around 1:15 pm on Saturday 2-15-97 I was contacted by Sgt. Budzius regarding a reported meth lab at the Hometel Inn. I was requested to respond to the scene. I arrived around 2 pm at the scene and made contact with Sgt. Budzius. Tacoma Hazardous Materials Team and one engine was on site. The whole building facing the freeway had been evacuated on both sides and both floors. The meth lab was an active lab and the heat was around 325 degrees F. Red phosphorus, iodine, acetate, etc. as being used. Based on photos taken by the haz mat team that entered the room the lab was being exhausted out into the chase between the room. Water was being taken from the toilet tank with the use of an aquarium pump and the flapper was a jar so that a continual stream of fresh, cold water was entering the tank.

We waited for the P.C. drug team to arrive to evaluate the situation. Upon their arrival and review of the information known to date it was decided to let the meth continue to cook overnight but to turn off the source of heat. There was concern that if it cooled to quick it would explode. The water circulation system was left in place. The exhaust hose was removed from the chase and was exhausted into the room. The window above the door was opened.

P.C. Health made contact with me around 3:30pm and agreed with our position of evacuating the rooms and not allowing anyone in them for the next 24 hours. It was agreed that I would contact Health the next day after the material had been removed and DOE had responded. **P.C. Health contact was: Steve Marek 596-2955.**

The scene was secured with Fife P.D. providing security throughout the night. Police put a police line tape along all entrances to this wing. I posted UNSAFE TO OCCUPY SIGNS. The owner was notified that no one was to have access to the rooms for the next 24-72 hours. It was agreed to meet at the fire station at 8:30 am Sunday to plan the next move.

Sunday 2-16-97 All players involved met at 8:30 am to discuss the situation and review the video tape that the P.C. Drug team made when they entered the night before. A plan for removal and fingerprinting was developed. DOE was called to respond for removal of the material from the scene once the officers were done with it. Material was removed and transported by DOE.

I called Steve Marek at P.C. Health and it was agreed to error on the side of caution and to keep the building unoccupied until a certified contractor had approved occupancy. Neither Health nor DOE had the name of the certified contractor. There are only two, one in Seattle and one in Spokane. I was provided the name of the person at the **State Department of Health who could provide the names of the two contractors. The name is: Lew Kittle 360-753-3855.** I provided this name to Simon Lee who was representing the owners of the Hometel Inn.

Material was removed by DOE. P.C. Officers posted the room. Sgt. Budzius and I taped police line tape on the room where the lab was found.

Based on discussion with Health it was determined to allow tenants to remove their belongs from the rooms. We provided disposable gloves and advised them to wash all clothing prior to use.

1. Owners are to contact either Carl or myself once the contractor is on site. We will need certification from the contractor that it is safe to use the rooms prior to any occupancy and removal of the UNSAFE TO OCCUPY signs. **2.** We will also need to contact State Health to find out who the certified contractors are.

Sgt. Budzius will have a full report a copy will be forwarded to us. Left the scene around 4:15pm.

TACOMA-PIERCE COUNTY
HEALTH
DEPARTMENT

Federico Cruz-Uribe, MD, MPH
Director of Health

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February 21, 1997 **CORRECTED COPY**

Kyung W. and Gil Ja Lee
3520 Pacific HWY
Fife, WA 98424

RE: Clandestine Drug Laboratory Assessment - 3520 Pacific HWY E

Dear Kyung and Gil Lee:

This letter is to inform you that the Tacoma-Pierce County Health Department (TPCHD) has reviewed the initial assessment data submitted by Cascadian Crafts and Services, Inc. for the motel building containing unit 133 at the above referenced property.

Field screening for volatile organic compounds and corrosives was completed in the central chase way and many units in this building. The information provided indicates that these constituents are within acceptable levels. Samples for methamphetamine were not collected during the initial assessment. Based on the data presented, the TPCHD will allow occupancy of the units in this building, EXCEPT for unit 133.

Please note that the TPCHD may require additional investigations and sampling in the chase way and this building's units upon review of the decontamination and test result data for unit 133.

If you have any questions regarding this building or motel units, please contact me at 596-2849.

Sincerely,

Cynthia Ruggiero

Cynthia Ruggiero
Environmental Health Specialist II
Water Resources

cc: Dave Morris, Cascadian Crafts and Services, Inc.
Sgt. Budzius, Fife Police Department
Deputy Dogeagle, Pierce County Sheriff Department
Howard Schesser, City of Fife
Mike Osweiler, Department of Ecology
Lew Kittle, Department of Health

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HEALTH
DEPARTMENT

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February 19, 1997

Kyung W. and Gil Ja Lee
3520 Pacific HWY E
Fife, WA 98424

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: Clandestine Drug Laboratory Seizure at 3520 Pacific HWY E #131

Dear Kyung and Gil Lee:

This letter is to inform you that on February 15, 1997 a law enforcement action took place at the above referenced motel unit as a result of activities related to the illegal manufacture of controlled substances.

Preliminary information received from the Fife Police Department, Pierce County Sheriff Department and the Washington Department of Ecology indicates that chemicals removed from the property may include acetone, ether, red phosphorous, palladium black/iodine, alcohol and ephedrine. As a result, a Hazardous Chemical Warning Sign was posted at the unit on February 15th. This sign is to warn all persons against entry due to possible unsafe conditions. The chemicals removed from the premises are considered to be hazardous as per RCW 70.105D.020 and/or precursor substances according to RCW 69.43.010. Substances used in clandestine drug manufacturing can pose a serious health threat to anyone who may be exposed. Please find attached the Department of Health Toxic Substances Fact Sheet *Illegal Methamphetamine Labs* which provides information on potential health effects from clandestine drug lab chemical exposure.

The Tacoma-Pierce County Health Department (TPCHD) is conducting an investigation at this site to determine whether this unit is unfit for use and habitation in accordance with WAC 246-205, Decontamination of Illegal Drug Manufacturing or Storage Sites. The TPCHD will make a determination regarding this motel unit upon completion of its investigation. At this time the TPCHD requires that an investigation and decontamination be conducted in this unit prior to its usage. All contamination identified must be cleaned up by a Department of Health registered contractor.

The TPCHD recommends information about this unit be disclosed to any potential tenants or purchasers. If you have any questions regarding this situation, please contact me at 596-2849.

Sincerely,

Cynthia Ruggiero

Cynthia Ruggiero
Environmental Health Specialist II
Water Resources

RECEIVED
FEB 2
PLANNING DEPT

Attachment

cc: Sgt. Budzius, Fife Police Department
Deputy Dogeagle, Pierce County Sheriff Department
Howard Schesser, City of Fife
Mike Osweiler, Department of Ecology
Lew Kittle, Department of Health

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www.healthdept.co.pierce.wa.us

@cwr/dl3520.219

file

TACOMA-PIERCE COUNTY
HEALTH
DEPARTMENT

Federico Cruz-Uribe, MD, MPH
Director of Health

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Board of Health

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•Competitive
•Integrated
•Preventive

February 19, 1997

Kyung W. and Gil Ja Lee
3520 Pacific HWY
Fife, WA 98424

RE: Clandestine Drug Laboratory Assessment - 3520 Pacific HWY E

Dear Kyung and Gil Lee:

This letter is to inform you that the Tacoma-Pierce County Health Department (TPCHD) has reviewed the initial assessment data submitted by Cascadian Crafts and Services, Inc. for the motel building containing unit 131 at the above referenced property.

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Please note that the TPCHD may require additional investigations and sampling in the chase way and this building's units upon review of the decontamination and test result data for unit 131.

If you have any questions regarding this building or motel units, please contact me at 596-2849.

Sincerely,

Cynthia Ruggiero

Cynthia Ruggiero
Environmental Health Specialist II
Water Resources

cc: Dave Morris, Cascadian Crafts and Services, Inc.
Sgt. Budzius, Fife Police Department
Deputy Dogeagle, Pierce County Sheriff Department
Howard Schesser, City of Fife
Mike Osweiler, Department of Ecology
Lew Kittle, Department of Health

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TDD: 591-6050
800/992-2456

www.healthdept.co.pierce.wa.us

APPENDIX C

EDR-Radius Map with GeoCheck

The EDR Radius Map
with GeoCheck®

3520 Pacific Hwy East
3520 Pacific Hwy East
Fife, WA 98424

Inquiry Number: 798742.1s

June 13, 2002

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-CUR

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

3520 PACIFIC HWY EAST
FIFE, WA 98424

COORDINATES

Latitude (North):	47.243100 - 47˚ 14' 35.2"
Longitude (West):	122.382000 - 122˚ 22' 55.2"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	546771.6
UTM Y (Meters):	5232146.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2447122-B4 TACOMA SOUTH, WA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

Proposed NPL..... Proposed National Priority List Sites
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

HSL..... Hazardous Sites List
SWF/LF..... Solid Waste Facility Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System

EXECUTIVE SUMMARY

MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CSCSL NFA..... Confirmed & Contaminated Sites - No Further Action
SPILLS..... Reported Spills
EMI..... Washington Emissions Data System

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/29/2002 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	***TIDEFLATS INDUSTRIAL SE***	***0 - 1/8***	***0***	***5***

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).
CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 02/12/2002 has revealed that there are 2

CERCLIS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	*TIDEFLATS INDUSTRIAL SE*	*0 - 1/8*	*0*	*5*
DAUPHIN SITE	*2911 PACIFIC HWY E*	*1/4 - 1/2W*	*F20*	*31*

CERCLIS-NFRAP: As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/14/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BREKKE ENTERPRISES	1320 TIDEHAVEN RD	1/8 - 1/4 NNW	B8	18

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 03/22/2002 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
SIERRA SANDBLASTING PAINTING L	3402 12TH ST E	1/8 - 1/4 NNW	D15	25

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 03/22/2002 has revealed that there are 10 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	*TIDEFLATS INDUSTRIAL SE*	*0 - 1/8*	*0*	*5*
TACOMA PORT MOTOR INN	*3518 PACIFIC HWY E*	*0 - 1/8 NNW*	*1*	*14*
LA CASA REAL DRUM	*3410 PACIFIC HWY E*	*0 - 1/8 W*	*A2*	*15*
GLACIER MOTEL DRUG BU	*3401 PACIFIC HWY E*	*0 - 1/8 W*	*A5*	*16*
THERMO KING NORTHWEST	*3701 PACIFIC HWY EAST*	*0 - 1/8 E*	*6*	*17*
KEY BANK	*1323 34TH AVE E*	*1/8 - 1/4 NNW*	*B7*	*17*
OCCIDENTAL CHEMICAL PITARCIK	PACIFIC HWY E & PORT OF	1/8 - 1/4 W	9	18
TEXACO STATION 632320143	*3251 PACIFIC HWY S*	*1/8 - 1/4 W*	*C12*	*21*
TNT AUTOBODY & PAINT	*3909 PACIFIC HWY E*	*1/8 - 1/4 E*	*E18*	*29*

Lower Elevation	Address	Dist / Dir	Map ID	Page
SIERRA SANDBLASTING PAINTING L	*3402 12TH ST E*	*1/8 - 1/4 NNW*	*D16*	*26*

EXECUTIVE SUMMARY

STATE ASTM STANDARD

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, has revealed that there are 6 CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNION PACIFIC RR FIFE	***3330 20TH ST E***	***1/4 - 1/2 SSW***	***19***	***29***
OCCIDENTAL CHEMICAL DAUPHIN	2911 PACIFIC HWY E	1/4 - 1/2 W	F21	31
BOITANO SITE	***2800 PACIFIC HWY E***	***1/4 - 1/2 W***	***22***	***33***
FIFE INDUSTRIAL PARK	***2603 PACIFIC HWY E***	***1/2 - 1 W***	***23***	***34***
VENEER CHIP TRANSPORT	2205 PACIFIC HWY E	1/2 - 1 W	24	36
CAC INC	5018 PACIFIC HWY E	1/2 - 1 E	25	38

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 03/13/2002 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TEXACO STATION #63-232-0143	***3251 PACIFIC HWY E***	***1/8 - 1/4 W***	***C13***	***21***
FLYING J TRAVEL PLAZA	***1501 33RD AVE E***	***1/8 - 1/4 WNW***	***14***	***23***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 03/13/2002 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SAC'S MART	3408B PACIFIC HWY	0 - 1/8 W	A3	15
THERMO KING NORTHWEST	***3701 PACIFIC HWY EAST***	***0 - 1/8 E***	***6***	***17***
TEXACO STATION #63-232-0143	***3251 PACIFIC HWY E***	***1/8 - 1/4 W***	***C13***	***21***
FLYING J TRAVEL PLAZA	***1501 33RD AVE E***	***1/8 - 1/4 WNW***	***14***	***23***
JET TRUCK PARTS INC	3909 PACIFIC HY EAST	1/8 - 1/4 E	E17	28

FEDERAL ASTM SUPPLEMENTAL

RODS: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
US EPA COMMENCEMT BAY NEARSHOR	*TIDEFLATS INDUSTRIAL SE*	*0 - 1/8*	*0*	*5*

STATE OR LOCAL ASTM SUPPLEMENTAL

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, has revealed that there are 4 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL 7343	3408 PACIFIC HWY	0 - 1/8 W	A4	16
TEXACO 63 232 0143 TWO REPOR	3251 PACIFIC HWY E.	1/8 - 1/4 W	C10	19
TEXACO 63 232 0143	3251 PACIFIC HWY E.	1/8 - 1/4 W	C11	19
FLYING J TRAVEL PLAZA	*1501 33RD AVE E*	*1/8 - 1/4 WNW*	*14*	*23*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
PACIFIC COAST SHOWCASE	FTTS
PUYALLUP LAND SETTLEMENT F	CSCSL
USARMY NG WATERCRAFT SUPPORT MAINT CTR	CERCLIS, RCRIS-SQG, FINDS
UNION PACIFIC RAILROAD TUNNEL	CERCLIS, FINDS
BOATLAND USA	LUST, UST
CAC INC	LUST, UST
7343	UST
WASHINGTON BATTERY RECYCLING	RCRIS-SQG, FINDS
LEXUS OF TACOMA AT FIFE	RCRIS-SQG
WM DIERICKX CO	RCRIS-SQG, FINDS
FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS	RCRIS-SQG
ARCO 5658 PSI 5328	RCRIS-SQG, FINDS
GOODYEAR TIRE 5608	RCRIS-SQG
FIFE CLEANERS	RCRIS-SQG
COLUMBIA INSPECTION INC	RCRIS-SQG
HINSHAWS ACURA	RCRIS-SQG, FINDS
PRAXAIR INC FIFE	RCRIS-SQG
DIKE ACCESS ROAD DRUMS	RCRIS-SQG, FINDS
VENEER CHIP TRANSPORT	RCRIS-SQG, FINDS
COMMERCIAL SALES INC	RCRIS-SQG
LIBERTY DISTRIBUTING INC	RCRIS-SQG
HORIZON HOLDINGS 1 LLC	RCRIS-SQG
DINOL US INC TACOMA	RCRIS-SQG
ARCO 4456	RCRIS-SQG
TOPPING VOLVO	RCRIS-SQG
54TH AVENUE EAST CROSSING	ERNS
TEXACO	WA ICR
HOLLY MARINA	WA ICR
US OIL/HYUNDAI TERMINAL	WA ICR
PORT INDUSTRIAL YARD	WA ICR
QUEBECOR INTEGRATED MEDIA	HAZNET

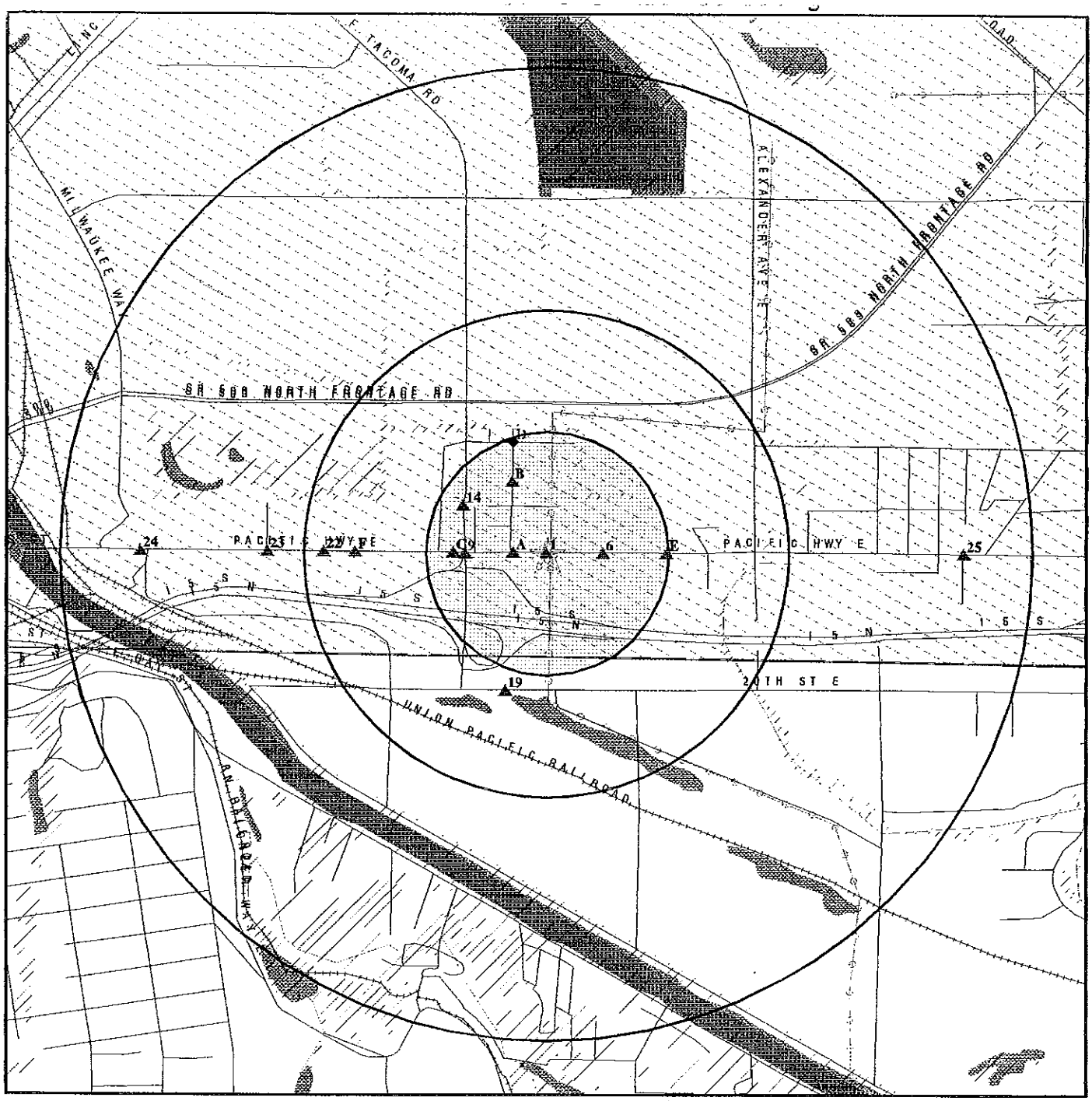

☆ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

♟ Coal Gasification Sites

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Wetlands

TARGET PROPERTY:	3520 Pacific Hwy East	CUSTOMER:	Kadri Consulting
ADDRESS:	3520 Pacific Hwy East	CONTACT:	Moin Kadri
CITY/STATE/ZIP:	Fife WA 98424	INQUIRY #:	798742.1s
LAT/LONG:	47.2431 / 122.3820	DATE:	June 13, 2002 5:42 pm

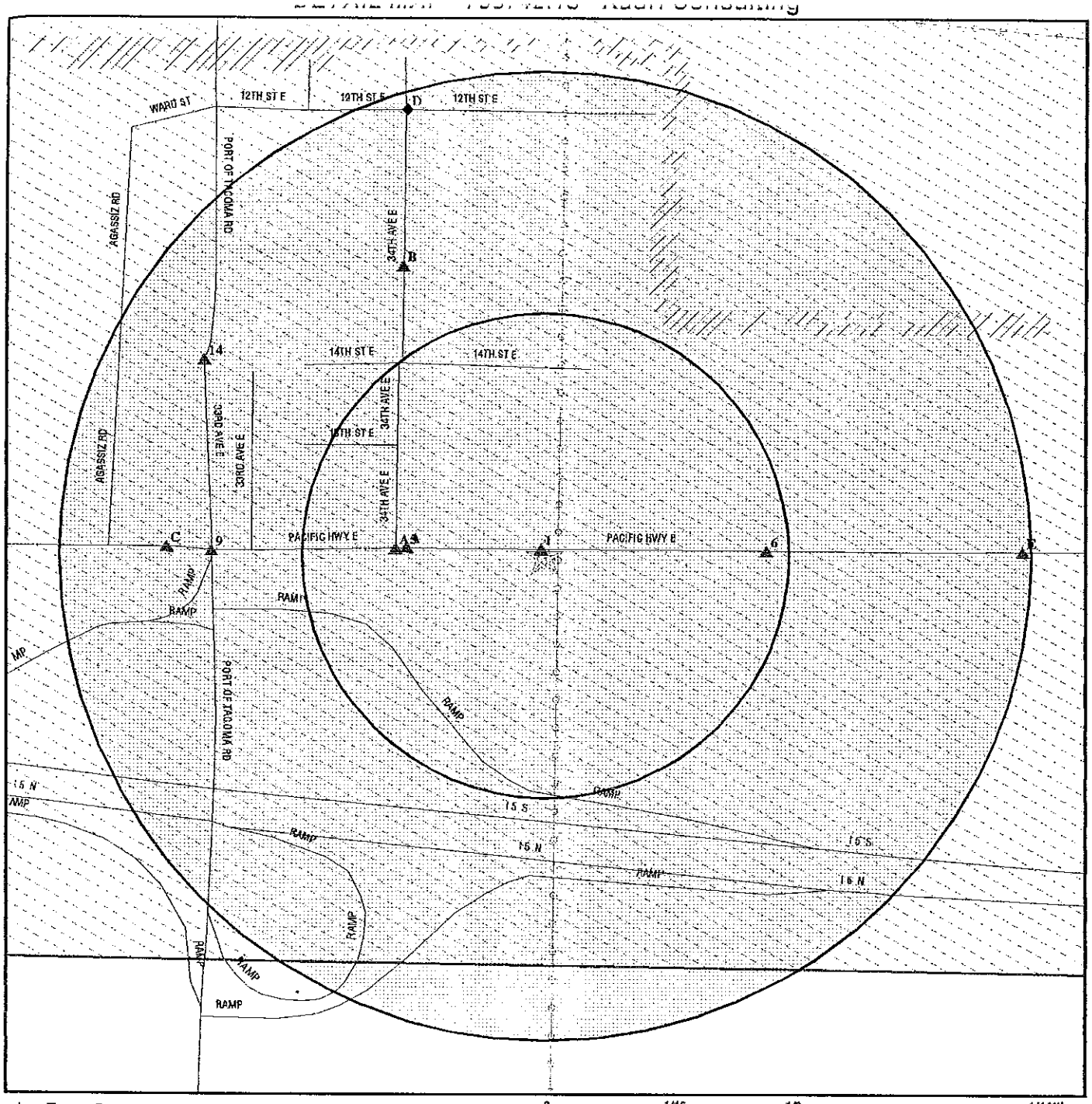

0 1/16 1/8 1/4 Miles

- ☆ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ♟ Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

TARGET PROPERTY:	3520 Pacific Hwy East	CUSTOMER:	Kadri Consulting
ADDRESS:	3520 Pacific Hwy East	CONTACT:	Moin Kadri
CITY/STATE/ZIP:	Fife WA 98424	INQUIRY #:	798742.1s
LAT/LONG:	47.2431 / 122.3820	DATE:	June 13, 2002 5:43 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	1	0	0	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	1	0	1	NR	NR	2
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	5	5	NR	NR	NR	10
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
CSCSL		1.000	0	0	3	3	NR	6
HSL		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	2	0	NR	NR	2
UST		0.250	2	3	NR	NR	NR	5
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	1	0	0	0	NR	1
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
CSCSL NFA		TP	NR	NR	NR	NR	NR	0
WA ICR		0.500	1	3	0	NR	NR	4
SPILLS		TP	NR	NR	NR	NR	NR	0
WA Emissions		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

NPL **US EPA COMMENCEMT BAY NEARSHORE** **CERCLIS 1000297462**
Region **TIDEFLATS INDUSTRIAL SEC** **RCRIS-SQG WAD980726368**
TACOMA, WA 98422 **FINDS**
< 1/8 **NPL**
1 ft. **ROD**

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Mixed Ownership	NPL Status:	Currently on the Final NPL
Contact:	PETER CONTRERAS	Contact Tel:	(206) 553-6708
Contact Title:	Not reported		
Contact:	KRIS FLINT	Contact Tel:	(206) 553-8155
Contact Title:	Not reported		
Contact:	KEN MARCY	Contact Tel:	(206) 553-2782
Contact Title:	Not reported		
Contact:	LEE MARSHALL	Contact Tel:	(206) 553-2723
Contact Title:	Not reported		
Contact:	KEVIN ROCHLIN	Contact Tel:	(206) 553-2106
Contact Title:	Not reported		

Site Description: SITE HAD HEAVY INDUSTRY SUCH AS ALUMINUM PROCESSING, CHEMICAL, PULP & PAPER, & PRIMARY SMELTING CONTAMINATION OF WATERWAYS & LAND AREAS OF TIDE FLATS. WAS ORIGINALLY PART OF ONE SITE CALLED COMMENCEMENT BAY, WHICH IS NOW 2 SITES.The Commen cement Bay Nearshore/Tideflats Superfund site is located on the western shore of Commencement Bay in Tacoma/Ruston, Washington. It consists of 67 acres of property owned by Asarco Inc., and a 23-acre slag peninsula. The site began operation as a le ad smelter in 1890. During the active industrial life of the smelter, the primary product was refined copper. By products of the copper smelting process included sulfur dioxide, arsenic trioxide, arsenic metal, and copper reverbatory slag. Copper smelting operations were discontinued in 1985, and the facility was taken completely out of production in 1986. Land use in the vicinity of the site is recreational and light residential. The general area of the former Asarco Smelter consists of steep slopes extending down to Commencement Bay producing bluffs along portions of the shoreline. The adjacent slag peninsula is composed of different forms of slag (molten or granulated) that were poured or placed on many occasions between 1930 and 1970. The Tacoma Yacht Club building, a paved access road, and paved parking areas are located on the slag peninsula. An estimated 15 million tons of slag exist at the smelter property and slag peninsula. Surface water features at the site includ e surface water in the cooling pond and south and east stack hill areas and a number of springs and seeps around the stack hill and arsenic kitchen areas. Surface water drains into one of four drain systems and then into outfalls at the site. A c omplex pattern of groundwater flows through or beneath the smelter property, including through the slag into Commencement Bay. Three primary groundwater aquifers have been identified; two shallow aquifers and one deep aquifer. Because of the h
igh degree of fractures in and porous nature of the slag, the tides bring seawater inland several hundred feet where it mixes with groundwater. The groundwater within each of the three aquifers is designated as either potential drinking water (Clas s IIB) or as non-potable water (Class III). Groundwater at or near the site is not

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

being used as a drinking water source. Several small areas of the site have been identified as potential wetlands and if these areas are confirmed as wetlands and if remediation occurs in these areas, the extent of mitigation will be determined during remedial design. As of fall 2001, the waterway areas (OUs 1-18 and OU 25), the Asarco property and surrounding Ruston area (OUs 19-22), and Tacoma Tar Pits (OU 23) are all in various stages of design and cleanup. The Blair and St. Paul waterways have been deleted from the NPL.

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/01/1979
Assessment:	SITE INSPECTION	Completed:	12/01/1982
Assessment:	SITE INSPECTION	Completed:	12/01/1982
Assessment:	HRS PACKAGE	Completed:	12/08/1982
Assessment:	PROPOSAL TO NPL	Completed:	12/30/1982
Assessment:	COMMUNITY INVOLVEMENT	Completed:	04/13/1983
Assessment:	FINAL LISTING ON NPL	Completed:	09/08/1983
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/01/1984
Assessment:	COMBINED RI/FS	Completed:	11/01/1984
Assessment:	RI/FS NEGOTIATIONS	Completed:	11/15/1984
Assessment:	RI/FS NEGOTIATIONS	Completed:	08/15/1986
Assessment:	ADMIN ORDER ON CONSENT	Completed:	09/10/1986
Assessment:	STATE ORDER	Completed:	12/15/1987
Assessment:	REMEDIAL INVESTIGATION	Completed:	12/30/1987
Assessment:	RECORD OF DECISION	Completed:	12/30/1987
Assessment:	PRP RI/FS	Completed:	12/30/1987
Assessment:	ADMINISTRATIVE RECORDS	Completed:	12/31/1987
Assessment:	PRP REMOVAL	Completed:	02/10/1988
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/20/1988
Assessment:	REMOVAL NEGOTIATIONS	Completed:	09/29/1988
Assessment:	ADMIN ORDER ON CONSENT	Completed:	09/29/1988
Assessment:	UNILATERAL ADMIN ORDER	Completed:	09/30/1988
Assessment:	STATE ORDER	Completed:	11/30/1988
Assessment:	REMOVAL NEGOTIATIONS	Completed:	03/08/1989
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/08/1989
Assessment:	RECORD OF DECISION	Completed:	09/30/1989
Assessment:	RECORD OF DECISION	Completed:	09/30/1989
Assessment:	PRP RD	Completed:	09/30/1989
Assessment:	COMBINED RI/FS	Completed:	09/30/1989
Assessment:	COMBINED RI/FS	Completed:	09/30/1989
Assessment:	STATE ORDER	Completed:	01/16/1990
Assessment:	REMOVAL ASSESSMENT	Completed:	07/02/1990
Assessment:	STATE ORDER	Completed:	08/22/1990
Assessment:	Lodged By DOJ	Completed:	09/11/1990
Assessment:	Lodged By DOJ	Completed:	09/11/1990
Assessment:	REMOVAL ASSESSMENT	Completed:	09/17/1990
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/27/1990
Assessment:	PRP RA	Completed:	09/28/1990
Assessment:	STATE ORDER	Completed:	11/16/1990
Assessment:	RECORD OF DECISION	Completed:	12/31/1990
Assessment:	PRP RI/FS	Completed:	12/31/1990
Assessment:	STATE ORDER	Completed:	01/30/1991
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	02/13/1991
Assessment:	REMOVAL NEGOTIATIONS	Completed:	02/14/1991
Assessment:	UNILATERAL ADMIN ORDER	Completed:	02/14/1991
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/29/1991

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Assessment:	RD/RA NEGOTIATIONS	Completed:	03/29/1991
Assessment:	CONSENT DECREE	Completed:	05/10/1991
Assessment:	CONSENT DECREE	Completed:	05/10/1991
Assessment:	Lodged By DOJ	Completed:	06/24/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/16/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	07/24/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	REMOVAL ASSESSMENT	Completed:	07/25/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	07/29/1991
Assessment:	STATE ORDER	Completed:	07/31/1991
Assessment:	Lodged By DOJ	Completed:	08/21/1991
Assessment:	Lodged By DOJ	Completed:	08/26/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/16/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/26/1991
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/27/1991
Assessment:	STATE ORDER	Completed:	09/30/1991
Assessment:	Lodged By DOJ	Completed:	10/04/1991
Assessment:	Lodged By DOJ	Completed:	10/04/1991
Assessment:	STATE ORDER	Completed:	10/07/1991
Assessment:	CONSENT DECREE	Completed:	10/19/1991
Assessment:	CONSENT DECREE	Completed:	10/19/1991
Assessment:	UNILATERAL ADMIN ORDER	Completed:	10/23/1991
Assessment:	Explanation Of Significant Differences	Completed:	11/01/1991
Assessment:	PRP RD	Completed:	12/06/1991
Assessment:	CONSENT DECREE	Completed:	12/13/1991
Assessment:	Lodged By DOJ	Completed:	12/30/1991
Assessment:	SECTION 106 LITIGATION	Completed:	02/11/1992
Assessment:	CONSENT DECREE	Completed:	02/11/1992
Assessment:	CONSENT DECREE	Completed:	02/11/1992
Assessment:	PRP REMOVAL	Completed:	02/13/1992
Assessment:	PRP RD	Completed:	03/11/1992
Assessment:	TECHNICAL ASSISTANCE	Completed:	03/20/1992
Assessment:	ADMINISTRATIVE RECORDS	Completed:	05/05/1992
Assessment:	CONSENT DECREE	Completed:	05/18/1992
Assessment:	STATE ORDER	Completed:	06/17/1992
Assessment:	ADMIN ORDER ON CONSENT	Completed:	07/07/1992
Assessment:	PRP FS	Completed:	11/09/1992
Assessment:	STATE CONSENT DECREE	Completed:	12/11/1992
Assessment:	PRP RD	Completed:	01/04/1993
Assessment:	TECHNICAL ASSISTANCE	Completed:	02/04/1993
Assessment:	PRP RD	Completed:	03/03/1993
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/09/1993
Assessment:	PRP RD	Completed:	05/19/1993
Assessment:	RECORD OF DECISION	Completed:	06/16/1993
Assessment:	COMBINED RI/FS	Completed:	06/16/1993
Assessment:	Explanation Of Significant Differences	Completed:	06/24/1993
Assessment:	RD/RA NEGOTIATIONS	Completed:	06/25/1993
Assessment:	ADMINISTRATIVE RECORDS	Completed:	06/25/1993
Assessment:	PRP RA	Completed:	06/30/1993
Assessment:	PRP RD	Completed:	07/01/1993
Assessment:	UNILATERAL ADMIN ORDER	Completed:	08/09/1993
Assessment:	Lodged By DOJ	Completed:	08/16/1993

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Assessment:	PRP RD	Completed:	08/16/1993
Assessment:	SECTION 104(E) REF LITIGATION	Completed:	08/27/1993
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/1993
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/1993
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/1993
Assessment:	PRP RD	Completed:	10/07/1993
Assessment:	CONSENT DECREE	Completed:	10/08/1993
Assessment:	Explanation Of Significant Differences	Completed:	11/29/1993
Assessment:	RD/RA NEGOTIATIONS	Completed:	11/29/1993
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/29/1993
Assessment:	PRP RD	Completed:	12/21/1993
Assessment:	PRP RD	Completed:	02/25/1994
Assessment:	PRP REMOVAL	Completed:	03/07/1994
Assessment:	ADMIN ORDER ON CONSENT	Completed:	03/23/1994
Assessment:	RD/RA NEGOTIATIONS	Completed:	03/23/1994
Assessment:	REMEDIAL ACTION	Completed:	08/31/1994
Assessment:	PRP RA	Completed:	09/23/1994
Assessment:	RD/RA NEGOTIATIONS	Completed:	09/27/1994
Assessment:	FEASIBILITY STUDY	Completed:	10/04/1994
Assessment:	ADMIN ORDER ON CONSENT	Completed:	10/04/1994
Assessment:	Lodged By DOJ	Completed:	11/22/1994
Assessment:	Lodged By DOJ	Completed:	12/23/1994
Assessment:	CONSENT DECREE	Completed:	01/19/1995
Assessment:	PRP REMOVAL	Completed:	01/20/1995
Assessment:	RECORD OF DECISION	Completed:	03/24/1995
Assessment:	PRP RI/FS	Completed:	03/24/1995
Assessment:	CONSENT DECREE	Completed:	05/02/1995
Assessment:	Explanation Of Significant Differences	Completed:	05/09/1995
Assessment:	Lodged By DOJ	Completed:	07/11/1995
Assessment:	PRP RD	Completed:	07/19/1995
Assessment:	PRP RA	Completed:	07/21/1995
Assessment:	PRP RD	Completed:	08/03/1995
Assessment:	PRP RA	Completed:	09/27/1995
Assessment:	CONSENT DECREE	Completed:	11/02/1995
Assessment:	RD/RA NEGOTIATIONS	Completed:	03/06/1996
Assessment:	PRP RD	Completed:	05/08/1996
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	05/31/1996
Assessment:	Lodged By DOJ	Completed:	06/24/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	06/30/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	06/30/1996
Assessment:	MANAGEMENT ASSISTANCE	Completed:	06/30/1996
Assessment:	Explanation Of Significant Differences	Completed:	07/02/1996
Assessment:	NOTICE OF INTENT TO PARTIALLY DELETE	Completed:	08/28/1996
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	10/18/1996
Assessment:	PARTIAL NPL DELETION	Completed:	10/29/1996
Assessment:	PARTIAL NPL DELETION	Completed:	10/29/1996
Assessment:	CONSENT DECREE	Completed:	01/03/1997
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	02/19/1997
Assessment:	ADMIN ORDER ON CONSENT	Completed:	04/14/1997
Assessment:	RD/RA NEGOTIATIONS	Completed:	04/14/1997
Assessment:	PRP RA	Completed:	05/22/1997
Assessment:	Explanation Of Significant Differences	Completed:	07/28/1997
Assessment:	MANAGEMENT ASSISTANCE	Completed:	10/28/1997
Assessment:	REMOVAL NEGOTIATIONS	Completed:	11/06/1997
Assessment:	ADMIN ORDER ON CONSENT	Completed:	11/06/1997
Assessment:	CONSENT AGREEMENT (ADMINISTRATIVE)	Completed:	04/13/1998

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	09/29/1998
Assessment:	ADMIN ORDER ON CONSENT	Completed:	10/13/1998
Assessment:	Lodged By DOJ	Completed:	11/13/1998
Assessment:	CONSENT DECREE	Completed:	12/04/1998
Assessment:	NPL RP SEARCH	Completed:	03/31/1999
Assessment:	ADMIN ORDER ON CONSENT	Completed:	06/09/1999
Assessment:	PRP REMOVAL	Completed:	09/28/1999
Assessment:	Lodged By DOJ	Completed:	10/04/1999
Assessment:	PRP RA	Completed:	11/03/1999
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	12/29/1999
Assessment:	FIVE YEAR REMEDY ASSESSMENT	Completed:	03/31/2000
Assessment:	CONSENT DECREE	Completed:	06/23/2000
Assessment:	PRP RA	Completed:	06/29/2000
Assessment:	PRP RA	Completed:	06/29/2000
Assessment:	PRP RA	Completed:	06/29/2000
Assessment:	PRP FS	Completed:	07/14/2000
Assessment:	RECORD OF DECISION	Completed:	07/14/2000
Assessment:	Explanation Of Significant Differences	Completed:	08/03/2000
Assessment:	PRP RA	Completed:	12/22/2000
Assessment:	MANAGEMENT ASSISTANCE	Completed:	03/31/2001
Assessment:	PRP RA	Completed:	03/31/2001
Assessment:	NPL RP SEARCH	Completed:	03/31/2001
Assessment:	PRP RD	Completed:	03/31/2001
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	06/04/2001
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	07/06/2001
Assessment:	REMOVAL NEGOTIATIONS	Completed:	07/24/2001
Assessment:	ADMIN ORDER ON CONSENT	Completed:	07/24/2001
Assessment:	COMMUNITY ADVISORY GROUP	Completed:	09/30/2001
Assessment:	ENGINEERING EVAL/COST ANALYSIS	Completed:	12/21/2001

CERCLIS Site Status:
Not reported

CERCLIS Alias Name(s):
COMMENCEMENT BAY - NEARSHORE/TIDEFLATS
COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS
COMMENCEMENT BAY, NEAR SHORE/TIDE FLATS

NPL:

EPA ID:	WAD980726368
Region:	10
Federal:	General
Final Date:	09/08/1983

NPL Contaminant:

NPL Status:	Final
Substance Id:	D004
Case Num:	7440-38-2
Substance :	ARSENIC
Pathway :	AIR
GW Scoring :	Not reported
SW Scoring :	Not reported
Air Scoring:	Observed Release & Toxicity
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported

NPL Status:	Final
Substance Id:	A051
Case Num:	79-34-5
Substance :	TETRACHLOROETHANE, NOS

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C138
Case Num:	7647-14-5
Substance :	SODIUM CHLORIDE
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U044
Case Num:	67-66-3
Substance :	CHLOROFORM
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U131
Case Num:	67-72-1
Substance :	HEXACHLOROETHANE
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U211
Case Num:	56-23-5
Substance :	CARBON TETRACHLORIDE
Pathway :	GW
GW Scoring :	Observed Release & Toxicity
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U228
Case Num:	79-01-6
Substance :	TRICHLOROETHYLENE (TCE), 1,1,2-

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	W001
Case Num:	Not reported
Substance :	HEAVY METALS, NOS
Pathway :	GW
GW Scoring :	Observed Release
SW Scoring :	Not reported
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	A020
Case Num:	7440-47-3
Substance :	CHROMIUM AND COMPOUNDS, NOS (CR)
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	A051
Case Num:	79-34-5
Substance :	TETRACHLOROETHANE, NOS
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C132
Case Num:	Not reported
Substance :	HYDROCARBONS, NOS
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	C460
Case Num:	7439-97-6
Substance :	MERCURY

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	D004
Case Num:	7440-38-2
Substance :	ARSENIC
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release & Toxicity
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U044
Case Num:	67-66-3
Substance :	CHLOROFORM
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U077
Case Num:	107-06-2
Substance :	DICHLOROETHANE, 1,2-
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U211
Case Num:	56-23-5
Substance :	CARBON TETRACHLORIDE
Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release & Toxicity
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported
NPL Status:	Final
Substance Id:	U228
Case Num:	79-01-6
Substance :	TRICHLOROETHYLENE (TCE), 1,1,2-

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

Pathway :	SW
GW Scoring :	Not reported
SW Scoring :	Observed Release
Air Scoring:	Not reported
Soil Scoring:	Not reported
DC Scoring:	Not reported
FE Scoring:	Not reported

NPL Site:

CERCLIS Id:	WAD980726368
Site City:	Pierce County
Site State:	WA
NPL Status:	Final
Status Date:	09/08/83
Federal Site:	Not reported
HRS Score:	42.20
GW Score:	6.12
SW Score:	10.91
Air Score:	71.92
Soil Score:	0.00
DC Score:	62.50
FE Score:	0.00

NPL Char:

NPL Status:	Final
Category Description:	DEPTH TO AQUIFER
Category Value:	10
NPL Status:	Final
Category Description:	DISTANCE TO THE NEAREST POPULATION
Category Value:	10
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Air
Category Value:	Not reported
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Direct Contact
Category Value:	Not reported
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Ground Water
Category Value:	Not reported
NPL Status:	Final
Category Description:	OBSERVED RELEASE-Surface Water
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Commercial
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Industrial Process Cooling
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Irrigation
Category Value:	Not reported
NPL Status:	Final
Category Description:	OTHER GROUND WATER USE-Unknown
Category Value:	Not reported

US EPA COMMENCEMT BAY NEARSHORE (Continued) **1000297462**

NPL Status: Final
Category Description: PHYSICAL STATE-Liquid
Category Value: Not reported

NPL Status: Final
Category Description: PHYSICAL STATE-Solid
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing Electronic/Electric
Category Value: Not reported

NPL Status: Final
Category Description: SITE ACTIVITY WASTE SOURCE-Manufacturing Primary Metals
Category Value: Not reported

NPL Status: Final
Category Description: SURFACE WATER ADJACENT TO SITE-Bay
Category Value: Not reported

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

RCRIS:
Owner: US EPA
(360) 555-1212
EPA ID: WAD980726368

Contact: LORI COHEN
(206) 553-6708

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comperhensive Environmental Response, Compensation and Liability Information System (CERCLIS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

1
NNW
< 1/8
21 ft.
Higher

TACOMA PORT MOTOR INN
3518 PACIFIC HWY E
FIFE, WA 98424

RCRIS-SQG **1001490527**
FINDS **WAD988469813**

TACOMA PORT MOTOR INN (Continued) **1001490527**

RCRIS:
Owner: WA ECY
(360) 555-1212
EPA ID: WAD988469813
Contact: MIKE OSWEILER
(360) 586-0365
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A2 West < 1/8 375 ft. Higher | **LA CASA REAL DRUM** | **RCRIS-SQG** | **1000920735**
3410 PACIFIC HWY E | **FINDS** | **WA0000857136**
FIFE, WA 98424

Site 1 of 4 in cluster A

RCRIS:
Owner: WA ECY
(360) 555-1212
EPA ID: WA0000857136
Contact: BRETT MANNING
(360) 407-6300
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A3 West < 1/8 378 ft. Higher | **SAC'S MART** | **UST** | **U003354092**
3408B PACIFIC HWY | **N/A**
FIFE, WA 98424

Site 2 of 4 in cluster A

SAC'S MART (Continued) **U003354092**

UST:

Facility ID:	318018
Install Date:	10/6/1992 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	318018
Install Date:	6/1/1996 0:00
Capacity:	5,000 TO 9,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	318018
Install Date:	10/6/1992 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

A4 West < 1/8 381 ft. Higher — **UNOCAL 7343**, **3408 PACIFIC HWY**, **TACOMA, WA 98422** — **WA ICR** — **S103510887**, **N/A**

Site 3 of 4 in cluster A

WA ICR:

Date Ecology Received Report:	11/02/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-36
County Code:	27
Contact:	Not reported
Report Title:	Not reported

A5 West < 1/8 409 ft. Higher — **GLACIER MOTEL DRUG BU**, **3401 PACIFIC HWY E**, **FIFE, WA 98424** — **RCRIS-SQG**, **FINDS** — **1000199919**, **WAD982821266**

Site 4 of 4 in cluster A

GLACIER MOTEL DRUG BU (Continued) **1000199919**

RCRIS:
Owner: WA ECY
(360) 555-1212
EPA ID: WAD982821266
Contact: BOB WARREN
(360) 586-5423
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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6 East < 1/8 599 ft. Higher

THERMO KING NORTHWEST
3701 PACIFIC HWY EAST
TACOMA, WA 98424

RCRIS-SQG 1000300241
FINDS WAD148332539
UST

RCRIS:
Owner: CUMMINS NW INC
(253) 922-2191
EPA ID: WAD148332539
Contact: ROGER TOLMAN
(253) 922-2191
Classification: N, Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:
Facility ID: 1095
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Not reported
Tank Name: USED OIL/WASTE OIL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

B7 NNW 1/8-1/4 873 ft. Higher

KEY BANK
1323 34TH AVE E
FIFE, WA 98424

RCRIS-SQG 1000223632
FINDS WAD982654758

Site 1 of 2 in cluster B

KEY BANK (Continued) **1000223632**

RCRIS:
Owner: KEY BANK
(253) 552-5066
EPA ID: WAD982654758
Contact: JOHN THORNBERG
(253) 552-5066
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B8 NNW 1/8-1/4 879 ft. Higher

BREKKE ENTERPRISES **CERC-NFRAP** **1003880428**
1320 TIDEHAVEN RD **WAD980664874**
TACOMA, WA 98424

Site 2 of 2 in cluster B

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Code: NFRAP
Ownership Status: Indian Lands
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY
Completed: 12/01/1980
Assessment: PRELIMINARY ASSESSMENT
Completed: 10/16/1985

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9 West 1/8-1/4 905 ft. Higher

OCCIDENTAL CHEMICAL PITARCIK **RCRIS-SQG** **1004793276**
PACIFIC HWY E & PORT OF TACOMA **WA0000758979**
TACOMA, WA 98424

RCRIS:
Owner: OCC TACOMA INC
(253) 274-9760
EPA ID: WA0000758979
Contact: MAURY WASSMANN
(253) 274-9760
Classification: N, Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

OCCIDENTAL CHEMICAL PITARCIK (Continued) **1004793276**

Violation Status: No violations found

C10 West 1/8-1/4 1027 ft. Higher — **TEXACO 63 232 0143 TWO REPORTS)**, **3251 PACIFIC HWY E.**, **FIFE, WA 98424** — **WA ICR** — **S103504190** / **N/A**

Site 1 of 4 in cluster C

WA ICR:

Date Ecology Received Report:	02/26/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

C11 West 1/8-1/4 1027 ft. Higher — **TEXACO 63 232 0143**, **3251 PACIFIC HWY E.**, **FIFE, WA 98424** — **WA ICR** — **S103503789** / **N/A**

Site 2 of 4 in cluster C

WA ICR:

Date Ecology Received Report:	02/21/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-18
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/23/1997
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-01
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/08/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-05
County Code:	27

TEXACO 63 232 0143 (Continued) **S103503789**

Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/21/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-09
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/15/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-11
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	11/25/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-14
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	01/16/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Fourth Quarter 2000

Date Ecology Received Report:	12/20/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

TEXACO 63 232 0143 (Continued) **S103503789**

Date Ecology Received Report:	06/13/2000
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-27
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	08/09/2001
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-39
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Second Quarter 2001

C12 West 1/8-1/4 1027 ft. Higher — **TEXACO STATION 632320143**, **3251 PACIFIC HWY S**, **FIFE, WA 98424** — **RCRIS-SQG 1000474210**, **FINDS WAD988483178**

Site 3 of 4 in cluster C

RCRIS:
Owner: EQUILON ENTERPRISES LLC
(713) 241-2258
EPA ID: WAD988483178
Contact: ROBIN LANE
(425) 827-0761
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C13 West 1/8-1/4 1027 ft. Higher — **TEXACO STATION #63-232-0143**, **3251 PACIFIC HWY E**, **FIFE, WA 98424** — **LUST U003354455**, **UST N/A**

Site 4 of 4 in cluster C

TEXACO STATION #63-232-0143 (Continued) **U003354455**

LUST:

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Cleanup Started	Status Date:	12/18/1990 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Soil		

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Cleanup Started	Status Date:	12/18/1990 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Ground Water		

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Monitoring	Status Date:	1/16/2001 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Soil		

Facility ID:	423934	Ecology Region:	South Western
Release ID:	439405	Release Date:	12/18/1990 00:00:00
Release Status:	Monitoring	Status Date:	1/16/2001 00:00:00
Alternate Name:	TEXACO 63-232-0143		
Affected Media:	Ground Water		

UST:

Facility ID:	423934
Install Date:	1/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	423934
Install Date:	1/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	UNLEADED GASOLINE
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	423934
Install Date:	1/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Not reported
Tank Name:	DIESEL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

TEXACO STATION #63-232-0143 (Continued) **U003354455**

Facility ID: 423934
Install Date: 1/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

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14 WNW 1/8-1/4 1067 ft. Higher

FLYING J TRAVEL PLAZA
1501 33RD AVE E
FIFE, WA 98424

LUST **U003356012**
WA ICR **N/A**
UST

LUST:

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Awaiting Cleanup	Status Date:	4/6/1992 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Soil		

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Awaiting Cleanup	Status Date:	4/6/1992 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Ground Water		

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Cleanup Started	Status Date:	9/15/1995 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Soil		

Facility ID:	97690	Ecology Region:	South Western
Release ID:	3216	Release Date:	4/6/1992 00:00:00
Release Status:	Cleanup Started	Status Date:	9/15/1995 00:00:00
Alternate Name:	FLYING J TRAVEL PLAZA/BROADWAY TRUCK STOP		
Affected Media:	Ground Water		

WA ICR:

Date Ecology Received Report:	08/28/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-07
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/10/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report

FLYING J TRAVEL PLAZA (Continued) **U003356012**

Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/23/1998
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-13
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	07/15/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-28
County Code:	27
Contact:	Not reported
Report Title:	Not reported

UST:

Facility ID:	97690
Install Date:	1/1/1979 0:00
Capacity:	111 to 1,100 Gallons
Status:	Not reported
Tank Name:	USED OIL/WASTE OIL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	97690
Install Date:	1/1/1979 0:00
Capacity:	111 to 1,100 Gallons
Status:	Not reported
Tank Name:	USED OIL/WASTE OIL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

Facility ID:	97690
Install Date:	1/1/1979 0:00
Capacity:	Not reported
Status:	Not reported
Tank Name:	USED OIL/WASTE OIL
Substance:	SW
Compartment #:	Not reported
Ecology Region:	1

FLYING J TRAVEL PLAZA (Continued) **U003356012**

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: LEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 97690
Install Date: 1/1/1974 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

D15 **SIERRA SANDBLASTING PAINTING LLC** **RCRIS-LQG** **1001969699**
NNW **3402 12TH ST E** **WAH000010637**
1/8-1/4 **FIFE, WA 98424**
1272 ft.
Lower **Site 1 of 2 in cluster D**

SIERRA SANDBLASTING PAINTING LLC (Continued) **1001969699**

RCRIS:
Owner: DOUGLAS & KATHARINE GRANUM
(253) 922-1196
EPA ID: WAH000010637
Contact: BETTY HENNION
(253) 922-1196
Classification: N, Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

D16 NNW 1/8-1/4 1272 ft. Lower **SIERRA SANDBLASTING PAINTING LLC** **RCRIS-SQG 1000368705**
3402 12TH ST E **FINDS WAD078199981**
TACOMA, WA 98424

Site 2 of 2 in cluster D

RCRIS:
Owner: DOUGLAS & KATHARINE GRANUM
(206) 922-1196
EPA ID: WAD078199981
Contact: DOUGLAS GRANUM
(253) 922-1196
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: Violations exist

Regulation Violated: WAC 173-303-170(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/31/2001

Regulation Violated: -200
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/16/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/20/1992
Penalty Type: Not reported

Regulation Violated: -220
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/16/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/20/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-145
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/13/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-630(7)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

SIERRA SANDBLASTING PAINTING LLC (Continued) **1000368705**

Date Violation Determined: 02/13/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-200(1)(D)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-070
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-630(5)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-060
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-630(7)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-210
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-200(1)(D)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/18/1992
Penalty Type: Not reported

Regulation Violated: WAC 171-303-630(5)
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

SIERRA SANDBLASTING PAINTING LLC (Continued) **1000368705**

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

Regulation Violated: WAC 173-303-070
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/10/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/13/1992
Penalty Type: Not reported

There are 14 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	
Other Evaluation	GENERATOR-GENERAL REQUIREMENTS	08/01/199
	GENERATOR-GENERAL REQUIREMENTS	08/16/199
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	07/04/199
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	02/13/199

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E17 East 1/8-1/4 1296 ft. Higher **JET TRUCK PARTS INC**
3909 PACIFIC HY EAST
TACOMA, WA 98424

UST **U003355262**
N/A

Site 1 of 2 in cluster E

UST:
Facility ID: 7083
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Not reported
Tank Name: LEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

E18 East 1/8-1/4 1296 ft. Higher — **TNT AUTOBODY & PAINT**, **3909 PACIFIC HWY E**, **FIFE, WA 98424** — **RCRIS-SQG, FINDS** — **1000891883, WA0000188706**

Site 2 of 2 in cluster E

RCRIS:
Owner: TAMMI HATCHER
(253) 922-2996
EPA ID: WA0000188706
Contact: TAMMI HATCHER
(253) 922-2996
Classification: N, Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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19 SSW 1/4-1/2 1544 ft. Higher — **UNION PACIFIC RR FIFE**, **3330 20TH ST E**, **FIFE, WA 98424** — **CSCSL, SPILLS** — **1000838366, N/A**

SHWS:
Facility ID: 28881
Responsible Unit: SW
Latitude: 47 14 19
Longitude: 122 23 0
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported

UNION PACIFIC RR FIFE (Continued) **1000838366**

Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 28881
Responsible Unit: SW
Latitude: 47 14 19
Longitude: 122 23 0
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Surface Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 28881
Responsible Unit: SW
Latitude: 47 14 19
Longitude: 122 23 0
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported

UNION PACIFIC RR FIFE (Continued) **1000838366**

Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

WA SPILL:

Facility ID:	525019
Date Received:	03/14/2002
Business Name:	UNION PACIFIC RAILROAD (UPRR
Material Desc :	PETROLEUM - DIESEL FUEL
Medium:	SOIL
Material Qty:	20
Material Units:	GALLON

F20 **DAUPHIN SITE** **CERCLIS 1000347234**
West **2911 PACIFIC HWY E** **FINDS WAD980514566**
1/4-1/2 **TACOMA, WA 98424**
2092 ft.
Higher **Site 1 of 2 in cluster F**

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Indian Lands	NPL Status:	Site is Part of NPL Site

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	05/14/1986
Assessment:	SITE INSPECTION	Completed:	12/08/1988

CERCLIS Site Status:
Addressed as part of an existing NPL site

CERCLIS Alias Name(s):
DAUPHIN SITE

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Comperhensive Environmental Response, Compensation and Liability Information System (CERCLIS)

F21 **OCCIDENTAL CHEMICAL DAUPHIN** **CSCSL S100080025**
West **2911 PACIFIC HWY E** **N/A**
1/4-1/2 **TACOMA, WA 98424**
2092 ft.
Higher **Site 2 of 2 in cluster F**

SHWS:

Facility ID:	1281
Responsible Unit:	SW
Latitude:	47 14 36
Longitude:	122 23 20

Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)

OCCIDENTAL CHEMICAL DAUPHIN (Continued) **S100080025**

Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 1281
Responsible Unit: SW
Latitude: 47 14 36
Longitude: 122 23 20
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present

OCCIDENTAL CHEMICAL DAUPHIN (Continued) **S100080025**

Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

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22 West 1/4-1/2 2428 ft. Higher

BOITANO SITE
2800 PACIFIC HWY E
FIFE, WA 98424

RCRIS-SQG 1001234109
CSCSL WAH000005215

RCRIS:
Owner: JOHN BOITANO
(253) 922-8124
EPA ID: WAH000005215
Contact: DAN MARSH
(253) 565-5097
Classification: N, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

SHWS:
Facility ID: 39816865
Responsible Unit: SW
Latitude: 47 14 35
Longitude: 122 23 29
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

BOITANO SITE (Continued) **1001234109**

Facility ID: 39816865
Responsible Unit: SW
Latitude: 47 14 35
Longitude: 122 23 29
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Confirmed above MTCA cleanup levels
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

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23 West 1/2-1 3037 ft. Higher

FIFE INDUSTRIAL PARK
2603 PACIFIC HWY E
FIFE, WA 98424

CSCSL U003732707
UST N/A

SHWS:
Facility ID: 85298548
Responsible Unit: SW
Latitude: 47 14 36
Longitude: 122 23 36
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported

FIFE INDUSTRIAL PARK (Continued) **U003732707**

Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Below MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 85298548
Responsible Unit: SW
Latitude: 47 14 36
Longitude: 122 23 36
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Treated, removed, or contained
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

FIFE INDUSTRIAL PARK (Continued) **U003732707**

UST:

Facility ID: 200228
Install Date: Not reported
Capacity: 5,000 TO 9,999 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 10,000 TO 19,999 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 10,000 TO 19,999 GALLONS
Status: Not reported
Tank Name: DIESEL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 5,000 TO 9,999 GALLONS
Status: Not reported
Tank Name: UNLEADED GASOLINE
Substance: SW
Compartment #: Not reported
Ecology Region: 1

Facility ID: 200228
Install Date: Not reported
Capacity: 111 TO 1,000 GALLONS
Status: Not reported
Tank Name: USED OIL/WASTE OIL
Substance: SW
Compartment #: Not reported
Ecology Region: 1

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24 West 1/2-1 4421 ft. Higher

VENEER CHIP TRANSPORT
2205 PACIFIC HWY E
TACOMA, WA 98424

CSCSL **S103822666**
N/A

SHWS:

Facility ID: 42252532
Responsible Unit: SW
Latitude: 47 14 31
Longitude: 122 24 45
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)

VENEER CHIP TRANSPORT (Continued) **S103822666**

Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 42252532
Responsible Unit: SW
Latitude: 47 14 31
Longitude: 122 24 45
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported

VENEER CHIP TRANSPORT (Continued) **S103822666**

Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 42252532
Responsible Unit: SW
Latitude: 47 14 31
Longitude: 122 24 45
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Surface Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Arsenic Code: Not reported
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 29
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

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25 East 1/2-1 4527 ft. Higher

CAC INC
5018 PACIFIC HWY E
TACOMA, WA 98424

CSCSL **S104918130** **N/A**

SHWS:
Facility ID: 20365296
Responsible Unit: SW
Latitude: 47 14 37
Longitude: 122 21 41
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported

CAC INC (Continued) **S104918130**

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 20365296
Responsible Unit: SW
Latitude: 47 14 37
Longitude: 122 21 41
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Arsenic Code: Not reported

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	29
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FIFE	1000241852	WASHINGTON BATTERY RECYCLING	20TH ST E	98424	RCRIS-SQG, FINDS
FIFE	2000552279	54TH AVENUE EAST CROSSING	54TH AVENUE EAST CROSSING		ERNS
FIFE	U003355952	7343	HWY. 99 & PORT OF TACOMA RD.	98424	UST
FIFE	1004794704	LEXUS OF TACOMA AT FIFE	1708 40TH AVE CT E	98424	RCRIS-SQG
FIFE	1000879026	WM DIERICKX CO	3600-D INDUSTRY DR E	98424	RCRIS-SQG, FINDS
FIFE	S103510079	TEXACO	5501 MILTON AVE. E.	98424	WA ICR
FIFE	U003352800	BOATLAND USA	4001 20TH NE	98424	LUST, UST
FIFE	S103504287	HOLLY MARINA	4001 20TH NE	98424	WA ICR
FIFE	1004794743	FIFE VEHICLE DIV & DEPT OF PUBLIC WORKS	3725 PACIFIC HWY E	98424	RCRIS-SQG
FIFE	1004794486	ARCO 5658 PSI 5328·	4716 PACIFIC HWY E	98424	RCRIS-SQG, FINDS
FIFE	1004794364	GOODYEAR TIRE 5608	3101 PACIFIC HWY E	98424	RCRIS-SQG
FIFE	1004794099	FIFE CLEANERS	5121 PACIFIC HWY E STE D	98424	RCRIS-SQG
FIFE	1004794628	COLUMBIA INSPECTION INC	4901 20TH ST E	98424	RCRIS-SQG
FIFE	1004793998	HINSHAWS ACURA	5955 20TH ST E	98424	RCRIS-SQG, FINDS
FIFE	1004793601	PRAXAIR INC FIFE	2902 20TH ST E	98424	RCRIS-SQG
TACOMA	1000241869	USARMY NG WATERCRAFT SUPPORT MAINT CTR	321 E ALEXANDER	98421	CERCLIS, RCRIS-SOG, FINDS
TACOMA	1000879037	DIKE ACCESS ROAD DRUMS	DIKE ACCESS RD & 20TH ST E	98424	RCRIS-SQG, FINDS
TACOMA	1004642634	PACIFIC COAST SHOWCASE	3400 D INDUSTRY DR E	98424	FTTS
TACOMA	S104584254	QUEBECOR INTEGRATED MEDIA	4101 D INDUSTRY DR E	98424	HAZNET
TACOMA	1000337530	UNION PACIFIC RAILROAD TUNNEL	JEFFERSON 25TH & CENTER YAKIMA	98421	CERCLIS, FINDS
TACOMA	U003354731	CAC INC	5018 PAC HWY E	98424	LUST, UST
TACOMA	1004794011	VENEER CHIP TRANSPORT	2205 PACIFIC HWY E	98424	RCRIS-SQG, FINDS
TACOMA	1004793553	COMMERCIAL SALES INC	6411 PACIFIC HWY E	98424	RCRIS-SQG
TACOMA	1004793179	LIBERTY DISTRIBUTING INC	6527 PACIFIC HWY E	98424	RCRIS-SQG
TACOMA	1001969652	HORIZON HOLDINGS 1 LLC	1423 PACIFIC AVE	98424	RCRIS-SQG
TACOMA	1001234340	DINOL US INC TACOMA	3205 PORT OF TACOMA WAY	98424	RCRIS-SQG
TACOMA	S103504390	US OIL/HYUNOAI TERMINAL	PORT OF TACOMA ROAD	98421	WA ICR
TACOMA	S104484629	PORT INDUSTRIAL YARD	1 SITCUM PLA A	98421	WA ICR
TACOMA	1004794447	ARCO 4456	5217 20TH ST E	98424	RCRIS-SQG
TACOMA	1004793856	TOPPING VOLVO	5111 20TH ST E	98424	RCRIS-SQG
TACOMA	S100080036	PUYALLUP LAND SETTLEMENT F	TAYLOR WAY	98421	CSCSL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/29/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/06/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/06/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/12/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/25/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 03/25/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/14/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/25/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 03/25/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 03/11/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 03/22/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/28/02
Elapsed ASTM days: 67
Date of Last EDR Contact: 03/04/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/00
Date Made Active at EDR: 06/03/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/05/02
Elapsed ASTM days: 90
Date of Last EDR Contact: 04/29/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/02
Date of Next Scheduled EDR Contact: 07/08/02

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/29/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02
Date of Next Scheduled EDR Contact: 08/05/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 12/14/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 05/28/02
Date of Next Scheduled EDR Contact: 08/26/02

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/01/01
Database Release Frequency: Annually
Date of Last EDR Contact: 05/14/02
Date of Next Scheduled EDR Contact: 08/12/02

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/99
Database Release Frequency: Annually
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 01/14/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

STATE OF WASHINGTON ASTM STANDARD RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List
Source: Department of Ecology
Telephone: 360-407-7200
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/26/01
Date Made Active at EDR: 01/09/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 12/11/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 05/21/02

HSL: Hazardous Sites List
Source: Department of Ecology
Telephone: 360-407-7200
The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/02
Date Made Active at EDR: 04/10/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/11/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/11/02

SWF/LF: Solid Waste Facility Database
Source: Department of Ecology
Telephone: 360-407-6132
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/01/01
Date Made Active at EDR: 12/19/01
Database Release Frequency: Annually
Date of Data Arrival at EDR: 12/04/01
Elapsed ASTM days: 15
Date of Last EDR Contact: 04/09/02

LUST: Leaking Underground Storage Tanks Site List
Source: Department of Ecology
Telephone: 360-407-7200
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/13/02
Date Made Active at EDR: 03/29/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/18/02
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/18/02

UST: Underground Storage Tank Database
Source: Department of Ecology
Telephone: 360-407-7170
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/13/02
Date Made Active at EDR: 04/08/02
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/18/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/18/02

STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action
Source: Department of Ecology
Telephone: 360-407-7170
The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 11/26/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/11/02
Date of Next Scheduled EDR Contact: 02/18/02

ICR: Independent Cleanup Reports
Source: Department of Ecology
Telephone: 360-407-7200
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree.

Date of Government Version: 10/31/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/21/02
Date of Next Scheduled EDR Contact: 08/19/02

SPILLS: Reported Spills
Source: Department of Ecology
Telephone: 360-407-7450
Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 04/17/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/10/02
Date of Next Scheduled EDR Contact: 07/08/02

EMI: Washington Emissions Data System
Source: Department of Ecology
Telephone: 360-407-6040

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

LOCAL RECORDS

KING COUNTY:

Abandoned Landfill Study in King County
Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle
Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
Source: Department of Public Health
Telephone: 206-296-4785
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/86
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95
Date of Next Scheduled EDR Contact: N/A

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District
Source: Snohomish Health District
Telephone: 206-339-5250

Date of Government Version: 01/17/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/24/02
Date of Next Scheduled EDR Contact: 07/22/02

TACOMA/PIERCE COUNTY:

Closed Landfill Survey
Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

3520 PACIFIC HWY EAST
3520 PACIFIC HWY EAST
FIFE, WA 98424

TARGET PROPERTY COORDINATES

Latitude (North):	47.243099 - 47' 14' 35.2"
Longitude (West):	122.382004 - 122' 22' 55.2"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	546771.6
UTM Y (Meters):	5232146.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2447122-B4 TACOMA SOUTH, WA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General North

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
PIERCE, WA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	5301400005B / CBPP
Additional Panels in search area:	5301480025B / CBPP 5301380169C / CBPP 5301380188C / CBPP 5301380326C / CBPP 5301380307C / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TACOMA SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius:	2.0 miles
Location Relative to TP:	0 - 1/8 Mile NNW
Site Name:	BREKKE ENTERPRISES
Site EPA ID Number:	WAD980664874
Groundwater Flow Direction:	NOT AVAILABLE
Inferred Depth to Water:	10 feet to 20 feet
Hydraulic Connection:	The near-surface aquifer is present in fill material of fine sands and silts. The underlying aquifer is present at a depth of 150 feet or more and is semi-confined.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
5	1 - 2 Miles East	S
A6	1 - 2 Miles ESE	Not Reported
A7	1 - 2 Miles ESE	NNE
A8	1 - 2 Miles ESE	NE
B9	1 - 2 Miles North	Varies
B10	1 - 2 Miles North	NE, SW

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: PILCHUCK

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 6.10
2	20 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60
3	38 inches	60 inches	gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 7.30 Min: 6.10

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
4	60 inches	70 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam
silt loam
silty clay loam
gravelly - loam
gravelly - coarse sand
muck
loam

Surficial Soil Types: fine sandy loam
silt loam
silty clay loam
gravelly - loam
gravelly - coarse sand
muck
loam

Shallow Soil Types: fine sandy loam
silty clay loam
silt loam
peaty - silt loam
loam
sandy loam

Deeper Soil Types: silt loam
silty clay loam
very gravelly - coarse sand
stratified
loamy fine sand
very gravelly - sand
sapric material
sand
very gravelly - loamy sand
loamy sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	WAGRP0000004669	1/4 - 1/2 Mile South
2	WAGRP0000004674	1/2 - 1 Mile South
3	WAGRP0000004673	1/2 - 1 Mile SW
4	WAGRP0000004683	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 798742.1s

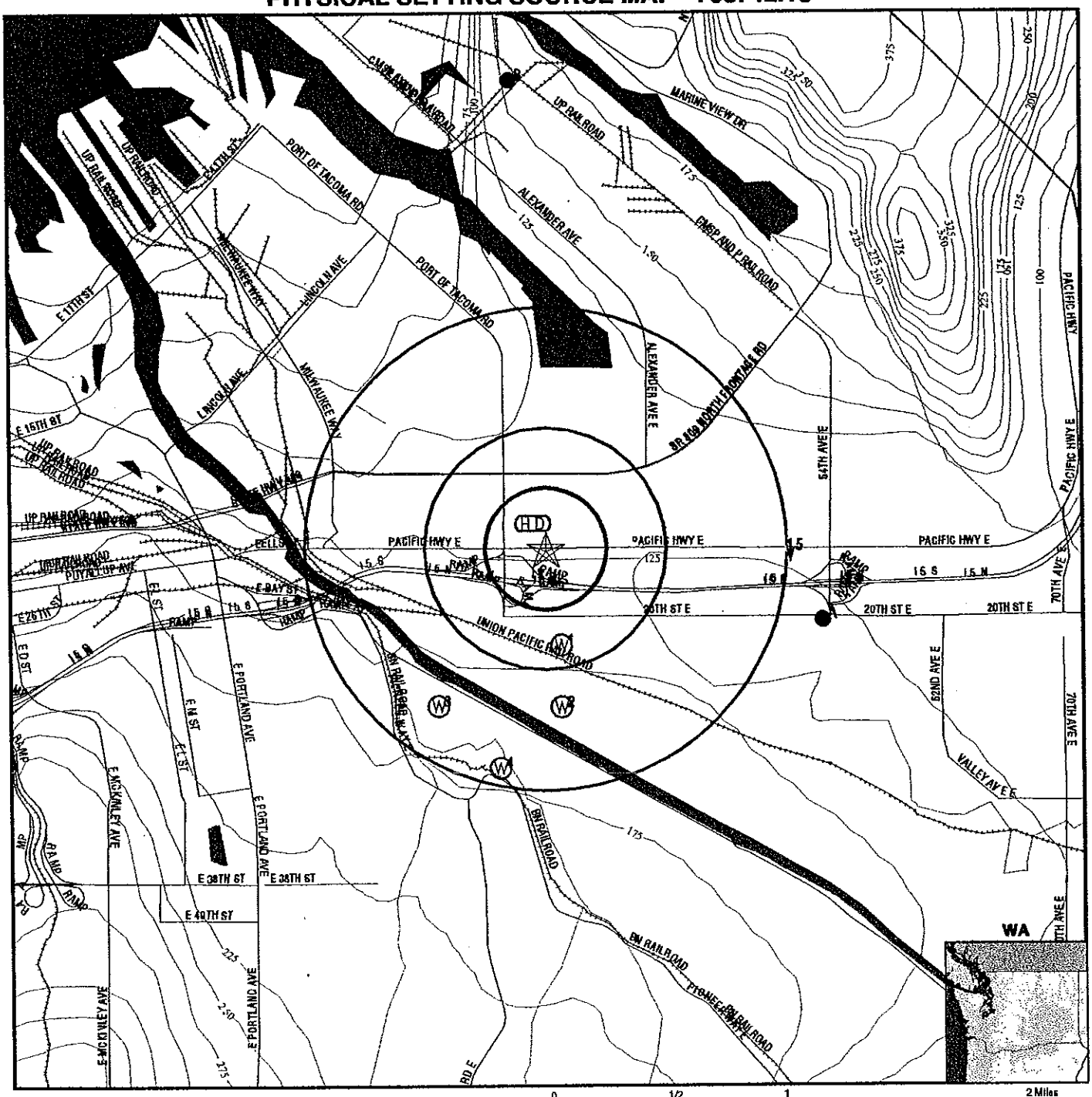

- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- (HD) Closest Hydrogeological Data

TARGET PROPERTY:	3520 Pacific Hwy East	CUSTOMER:	Kadri Consulting
ADDRESS:	3520 Pacific Hwy East	CONTACT:	Moin Kadri
CITY/STATE/ZIP:	Fife WA 98424	INQUIRY #:	798742.1s
LAT/LONG:	47.2431 / 122.3820	DATE:	June 13, 2002 5:43 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **South** **1/4 - 1/2 Mile** **Higher**		**WA WELLS**	**WAGRP0000004669**

Source Name:	WELL #1	Range:	03E
Township:	20	Section:	11
QTR Section:	SENE	Source Type:	W
Source Use:	P	SP X:	1533140
SP Y:	699969	PWS Name:	RIVERSIDE VILLA
PWS ID:	72842	Source:	01
Key ID:	7284201		

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2 **South** **1/2 - 1 Mile** **Higher**		**WA WELLS**	**WAGRP0000004674**

Source Name:	WELL #1	Range:	03E
Township:	20	Section:	11
QTR Section:	NESE	Source Type:	W
Source Use:	P	SP X:	1533110
SP Y:	698618	PWS Name:	TACOMA COUNTRY ESTATES
PWS ID:	86790	Source:	01
Key ID:	8679001		

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3 **SW** **1/2 - 1 Mile** **Higher**		**WA WELLS**	**WAGRP0000004673**

Source Name:	WELL 1	Range:	03E
Township:	20	Section:	11
QTR Section:	NESW	Source Type:	W
Source Use:	P	SP X:	1530420
SP Y:	698708	PWS Name:	LEMLEY WATER SYSTEM
PWS ID:	57264	Source:	01
Key ID:	5726401		

4
SSW
1/2 - 1 Mile
Higher

WA WELLS **WAGRP0000004683**

Source Name:	WELL # 1	Range:	03E
Township:	20	Section:	11
QTR Section:	SWSE	Source Type:	W
Source Use:	P	SP X:	1531730
SP Y:	697315	PWS Name:	VALLEYBRODK VILLAGE
PWS ID:	91080	Source:	01
Key ID:	9108001		

5
East
1 - 2 Miles
Higher

AQUIFLOW **42427**

Site ID:	5234
Groundwater Flow:	S
Shallowest Water Table Depth:	4.93
Deepest Water Table Depth:	7.67
Average Water Table Depth:	Not Reported
Date:	03/07/1995

A6
ESE
1 - 2 Miles
Higher

AQUIFLOW **42469**

Site ID:	7546
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	3.5 to 4
Date:	09/13/1993

A7
ESE
1 - 2 Miles
Higher

AQUIFLOW **42434**

Site ID:	5228
Groundwater Flow:	NNE
Shallowest Water Table Depth:	2.00
Deepest Water Table Depth:	4.32
Average Water Table Depth:	Not Reported
Date:	10/09/1998

A8
ESE
1 - 2 Miles
Higher

AQUIFLOW **42446**

Site ID:	9528
Groundwater Flow:	NE
Shallowest Water Table Depth:	2.30
Deepest Water Table Depth:	3.63
Average Water Table Depth:	Not Reported
Date:	12/27/1997

B9
North
1 - 2 Miles
Higher

AQUIFLOW **45998**

Site ID:	010300
Groundwater Flow:	Varies
Shallowest Water Table Depth:	230.0
Deepest Water Table Depth:	370.0
Average Water Table Depth:	Not Reported
Date:	02/1990

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
B10 **North** **1 - 2 Miles** **Higher**	Site ID:	200469	**AQUIFLOW**	**42465**
	Groundwater Flow:	NE, SW		
	Shallowest Water Table Depth:	1.9		
	Deepest Water Table Depth:	5.8		
	Average Water Table Depth:	Not Reported		
	Date:	09/19/1996		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for PIERCE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 98424

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-260-2805
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Wells
Source: Department of Transportation
Telephone: 360-705-7444
Group A well location points in Washington State.

Kitsap County Water Wells in Washington
Source: Public Utility District No. 1 of Kitsap County
Telephone: 206-779-7656

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

RECEIVED
DEPT. OF ECOLOGY/SWRO

'04 DEC 29 P3:24

December 29, 2004

Kevin Carl
Korum Ford of Fife
1701 Alexander Avenue
Fife, Washington 98242

Re: Groundwater Well Installation and Monitoring
3520 Pacific Highway East, Fife, Washington 98424 (Hometel Inn Motel)

Dear Kevin,

Environmental Hazards Control (EHC) is pleased to submit this *Groundwater Well Installation and Monitoring* report on the referenced property. The site work was performed adjacent previous sampling locations in the parking areas and vegetation strips near the four (4) corners of the property.

1.0 Purpose

The purpose of our services was to evaluate shallow groundwater (GW) and offer recommendations for further investigation, if warranted. Based upon previous sample data and discussions with Chuck Cline, Section Manager for the Washington State, Department of Ecology (WDOE), Southwest Region, it was determined GW wells would be installed on site to sample for the heavy metal arsenic. The sampling was to be performed on the south and north sides of the property in an attempt to profile total and dissolved concentrations of the heavy metal arsenic as it lensed across the site in a northerly direction.

The following is an outline of the critical elements of the sampling:

- Review previously published reports on subject;
- Review WDOE letters concerning the site;
- Discuss the project status with Chuck Cline at WDOE;
- Install GW wells near the 4 corners of the subject and sample for the heavy metal arsenic;
- Document conditions found;
- Submit samples to an approved laboratory for analysis;
- Provide a written report of findings with recommendations.

2.0 Services

The following services were provided by EHC:

- Reviewed previously published reports on subject;
- Reviewed WDOE letters concerning the site and possible "No Further Action Letters";
- Discussed the project status with Chuck Cline at WDOE and arrived at a sampling protocol;
- Developed a *Sampling Plan* to install GW wells near previous boring locations;
- Revised the existing *Health and Safety Plan (HASP)*;
- Reviewed *Sampling Plan* and *HASP* with driller from Environmental Services Network, Northwest (ESN);
- On December 17, 2004, a total of 4 - ¾" diameter GW wells were installed near the 4 corners of the subject;
- The GW wells were installed using a truck-mounted direct push hydraulic auger (Strataprobe) and set to depths of 6' to 8' below ground surface (bgs);
- Groundwater was encountered in all 4 GW wells (W1 – W4) ranging between about 1' and 3' bgs;
- EHC recorded the depth of each well, along with screen size, length of screen, etc. on Boring Logs;
- On December 18, 2004, EHC developed and/or purged the wells by evacuating about 1 gallon of GW and recorded the pH and temperature prior to and throughout the purging process on Groundwater Sampling Logs;
- On December 18, 2004, EHC drew 2 separate samples of GW from each well with a gravity pump or a bearing and tube sampler;
- All sample containers were labeled with the necessary information (sample #, date, time, analysis);
- Samples were stored in a cooler with ice/chiller packs (maintained at approximately 4 degrees centigrade) during field operations;
- The afternoon of December 18, 2004, a proper chain-of-custody was completed;
- The afternoon of December 18, 2004, EHC submitted 8 samples to STL Laboratories in Fife, Washington for analysis of total and dissolved arsenic;
- The laboratory was instructed to filter the 4 dissolved samples prior to analysis;
- The laboratory was informed the samples were contained in plastic or poly bottles with no preservative (H2SO4);
- Requested analysis on all 8 GW samples:
  1. USEPA Method 6020 (Heavy metal arsenic in GW…4 Total and 4 Dissolved);
- Received preliminary analysis via facsimile the morning of December 22, 2004 and reviewed the data;
- Contacted Client and left a voice mail describing preliminary analytical results;
- Summarized the data in a written report with attachments.

3.0 Background

The subject property was a commercial zoned parcel of land occupied by the Hometel Inn Motel. The property was located in the 3500 block of Fife, Washington between Pacific Highway East and

Interstate 5. The subject was utilized as farmland up to the early 1960s. The subject was developed as a motel/hotel in the early to mid-1960s and has been in operation as such to present day.

3.1 Property Reports

- *Subsurface Investigation*, Environmental Hazards Control, EHC04061A, November 4, 2004.
- *Subsurface Investigation*, Environmental Hazards Control, EHC04061, June 25, 2004.
- *Phase I and Limited Phase II Environmental Site Assessment*, Robinson & Noble, Inc. and Saltbush Environmental Services, #1757-004A, April 2004 (EHC was provided the cover page along with pages 8, 9 10, 11, a Vicinity Map and poor copy of the Boring Location Map).
- *Wetlands Review of Hometel Inn Property, City of Fife, 3520 Pacific Highway East, Pierce County Parcel #0320111049*, Russell & Associates, May 12, 2003.
- *Phase I Environmental Site Assessment*, Hometel Inn Motel, NVL Laboratories, Inc. June 25, 2002.
- *Asbestos-Containing Materials Survey*, 3518 Pacific Highway, Fife, WA, Project #2002-285, NVL Laboratories, Inc., June 20, 2002 (Partial report included pages 1 – 9).

4.0 Field Work

4.1 Utilities Locate

Based upon the previous site work performed by another consulting firm, and given EHC's *Sampling Plan* dictated GW wells be installed adjacent previous borings, EHC did not contact the Utilities Underground Location Center (UULC) prior to commencing the subsurface work at the referenced property. Although, all visible utilities, stormwater piping and asphalt patches relating to subsurface systems (electrical and plumbing) were noted by EHC prior to commencing the work. A minimum distance of 5' was maintained from all apparent subsurface systems throughout the work. Additionally, a minimum distance of 10' was maintained from all overhead systems throughout the work.

4.2 Sampling Plan

The October 2004 *Sampling Plan* was updated based upon the previously published reports on the site and site reconnaissance by EHC. The focus of the *Sampling Plan* was to install GW wells and draw representative samples of GW for the presence of the heavy metal arsenic. See: SAMPLING PLAN.

4.3 Groundwater Well Installation

The GW well locations were chosen based upon the general flow of GW across the site from south to north and because previous soil and GW data had been gathered in the direct area. A description of each installed GW well has been described in subsequent paragraphs. See: BORING LOGS and GROUNDWATER SAMPLING LOGS.

Well W1 was installed to a depth of 6' below ground surface (bgs) near the northwest corner of the property in a vegetation strip approximately 107' west and 70' north of the northwest corner of the site building. The well location was chosen because it was near borings advanced in a previously referenced reports and because it was near the drainage area for the parking stormwater. A ¾" 10 slot PVC screen

was installed from 1' to 6' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 0.80 at the time of well installation.

Well W2 was installed to a depth 8' bgs in the northeast corner of the property in the North Parking Area about 3' west and 65' north of the northeast corner of the site building. The well location was chosen because it was adjacent borings advanced in previously referenced reports. A ¾" 10 slot PVC screen was installed from 3' to 8' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 1.9 at the time of well installation.

Well W3 was installed to a depth of 7' bgs near the southeast corner of the property in the South Parking Area approximately 43' east and 46' south of the southeast corner of the site building. The well location was chosen because it was adjacent borings advanced in previously referenced reports. A ¾" 10 slot PVC screen was installed from 2' to 7' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 2.8' at the time of well installation.

Well W4 was installed to a depth of 8' bgs near the southwest corner of the property in a vegetation strip approximately 104' west and 13' south of the southwest corner of the site building. The well location was chosen because it was adjacent or near borings advanced in previously referenced reports. A ¾" 10 slot PVC screen was installed from 3' to 8' bgs and connected to capped section of ¾" PVC pipe. The well was completed by surrounding the wellhead with a properly cemented monument. Groundwater was encountered at 2.2' at the time of well installation.

4.3.1 Work Procedures

On December 17, 2004, Steven Salter of EHC donned protective non-latex gloves during the work and distilled water rinses were performed on all equipment prior to their use and between samples. Proper personal protective equipment was donned including hearing protection, hard hat and rubber boots prior to commencing with the work.

All wells were installed using a truck-mounted 2" hydraulic auger owned and operated by ESN. The Strataprobe sampling system consisted of direct-push hydraulic unit. The rear-mounted, duel ram configuration, in conjunction with a hydraulic hammer, is capable of producing high-frequency impact energy that is suitable for shallow to moderate depth environmental sampling and well installation.

The Driller (Kevin M. Vandehey) advanced each boring using a standard punch that was extracted prior to installation of ¾' PVC well screen (capped on the bottom) and associated ¾' PVC piping (capped on top). A clean sand filter pack was poured around the well screen and the well was then sealed with bentonite. A standard metal well monument was cemented in place and WDOE Well Number Tag attached to each well. See: BORING LOGS.

On December 18, 2004, Steven Salter donned protective non-latex gloves during the work and distilled water rinses were performed on all equipment prior to their use. Samples were collected by EHC using a gravity pump consisting of new 3/8' plastic tubing, a retained bearing and brass tubing connector.

Groundwater was pumped from the wells by shaking the tubing in a vertical motion whereby the movement of the bearing created a simple vacuum or pumping action and drew water in to the tubing.

A total of a gallon of GW, far greater than 3 casing volumes, was drawn from each of the wells prior to sampling. The GW temperature and pH were recorded prior to and during well purging. All purge water was stored in a mini-drum during sampling operations and dumped near the southwest corner of the proper following all sampling activities. EHC tested the temperature and pH prior to and during the purging process for a total of 4 separate tests prior to sampling.

All samples were stored in a cooler with ice/chiller packs (maintained at approximately 4 degrees centigrade) during field operations. The afternoon of December 18, 2004, a proper chain-of-custody was completed and 8 samples were submitted to STL Laboratories in Fife, Washington for total and dissolved analysis of arsenic. The laboratory was instructed to filter the 4 dissolved samples prior to analysis. And, the laboratory was informed the samples were contained in plastic or poly bottles with no preservative (H2SO4). See: LABORATORY ANALYSIS and EQUIPMENT LIST.

4.3.2 Laboratory Analysis

Samples W1-1, W2-1, W3-1 and W4-1 were found to contain "total" arsenic above the Model Toxics Control Act (MTCA), Method A Cleanup Level for Groundwater of 5 micrograms per liter (ug/L). Samples W1-1, W2-1, W3-1 and W4-1 were found not to contain detectable concentrations of "dissolved" arsenic. See: LABORATORY ANALYSIS.

A summary of the analytical results of the GW samples has been presented in Table 5-1.

Table 5-1
Summary of Analytical Results of Groundwater
3520 Pacific Highway East, Fife, Washington

Sample Number	Well Location	GW Depth	Sample Date	Analysis Date	Arsenic "Total"	Arsenic "Dissolved"
W1-1	NW Corner	0.85'	12-18-04	12-20-04	**79.1**	ND
W2-1	NE Corner	1.95'	12-18-04	12-20-04	**61.1**	ND
W3-1	SE Corner	1.6'	12-18-04	12-20-04	**23.3**	ND
W4-1	SW Corner	2.5'	12-18-04	12-20-04	**9.05**	ND
Method Blank	-	-	-	12-20-04	ND	ND
Lab Detection Limit (Metals by ECP-MS – USEPA Method 6020)					0.0005	0.0005
MTCA, Method A Soil Cleanup Levels for Unrestricted Land Use					5 ug/L	5 ug/L

GW values reported in milligrams per Liter (mg/L) and converted to ug/L (ug/L).
Bold values indicate concentration exceed MTCA, Method A Cleanup Levels for GW.
ND = None detected.
Method Blank = Sample analyzed by laboratory for quality assurance.
Well Location: General location of the well on the subject property to assist the reader.

5.0 Summary of Conditions

- A total of 4 GW wells were installed near the 4 corners of the subject at depths ranging from 6' to 8' bgs.
- Generally, site soils consisted of fine to medium sands over-laid in areas with 1' to 2' of fill consisting of coarse sands and crushed rock.
- All wells were packed with clean sand, sealed with bentonite and capped with a standard metal monument properly cemented in place.
- At the time of well installation, GW was encountered at 0.8' to 2.8'bgs.
- At the time of GW sampling, GW was encountered at 0.85 to 2.2'
- A total of a gallon of GW, or more than 3 well casings volumes, were purged from each well prior to sampling.
- Groundwater from all 4 borings was found to contain "total" concentrations of the heavy metal arsenic (9.05 to 79.1 ug/L) above the MTCA, Method A Cleanup Level of 5 ug/L.
- Groundwater from all 4 borings had no detectable "dissolved" concentrations of the heavy metal arsenic.

6.0 Conclusions

- Based upon "total" metals analysis, it appears shallow GW across the site contains the heavy metal arsenic above the MTCA, Method A Cleanup Level for Groundwater of 5 ug/L.
- Based upon "dissolved" metals analysis, GW sampled did not contain the heavy metal arsenic above the MTCA, Method A Cleanup Level for Groundwater of 5 ug/L.
- Total arsenic in W1 and W2 was 79.1 to 61.1 ug/L; respectively.
- Total arsenic in W3 and W4 was 23.3 to 9.05 ug/L; respectively.
- The arsenic in GW may be naturally occurring or caused by human activity.
- The source of the arsenic in GW could not be discerned.

7.0 Recommendations

- As required by the MTCA, the property owner must submit this report to the Washington State, Department of Ecology, Southwest Regional Office within 90 days of publication.
- Submit this report, along with all other pertinent data, to the Washington State, Department of Ecology, Voluntary Cleanup Program for review, comment and/or possible issuance of "No Further Action Letter" or a "Non-Restrictive NFA". A copy of the report should be forwarded to Chuck Cline at WDOE at 47775, Olympia, Washington 98504-7775.

8.0 Limitations and Exceptions

EHC is providing data, information and recommendations for the express purpose of the Client. The information is offered for management decisions, considerations for further investigation and future removal, encapsulation, management or disposal of suspect hazardous materials or toxic substances.

The professional services provided by EHC and its personnel are for the benefit of and are limited to the Client only and to the fee actually received by EHC. Further, there is no accountability, obligation or liability to any third party. If an EHC report is placed in the hands of anyone other than the Client, the

Client shall make such party aware of related discussions. EHC and its personnel are in no way to be responsible for any costs incurred to discover or correct physically, financially and/or legally environmental or health and safety conditions on a property. In the case of limited partnerships, syndication offering or stock offerings in real estate, the Client agrees that in case of a lawsuit brought by lender, partner or part Client in any form of Client and officers (ownership, tenant, or any other party), any and all awards, settlements of any type in such suits, regardless of the outcome), the Client will hold EHC and it's personnel completely harmless in any such action.

Possession of an EHC report or any copy thereof does not carry with it the right of publication, nor may it be used for other than its intended use; the physical report(s) remain the property of EHC for the use of the Client, the fee being for the analytical services only.

An EHC report is to be used only in its entirety, and no part is to be used without the whole report. All conclusions and opinions concerning the analysis as set forth in the report were prepared by EHC personnel whose signature(s) appear on the report unless otherwise indicated. No change of any item in the report shall be made by anyone other than EHC personnel. EHC and EHC personnel shall have no responsibility if any such unauthorized change is made.

EHC personnel may not divulge the material (evaluation) contents of the report, analytical findings or conclusions, or give a copy of the report to anyone other than the Client or his designee as specified in writing except as may be required by a court of law or body with the power of a subpoena.

An EHC report was obtained from EHC and consists of "trade secrets and environmental, commercial or financial information" which is privileged and confidential and exempted from disclosure. Notify EHC of any request(s) to reproduce this report in whole or in part.

No responsibility is assumed for accuracy of information furnished by work of others, the Client, his designee or public records. The comparable data relied upon in this report has been confirmed with one or more party familiar with the transaction or from affidavit or other sources thought reasonable; all are considered appropriate for inclusion to the best of our factual judgment and knowledge. An impractical and uneconomic expenditure of time would be required in attempting to furnish unimpeachable verification in all instances, particularly as to environmental condition, engineering and related information.
Any sketches and maps in an EHC report are included to assist the reader in visualizing the property and are not necessarily to scale. Photographs are included for the same purpose and represent conditions at the time of the inspection(s). Site plans are not always surveys unless shown from a separate surveyor.

No responsibility is assumed by EHC for matter(s) legal in character or nature, no matter of survey, nor any architectural, structural, mechanical, or engineering nature pertaining to the subject property.

Typically, a legal description is assumed to be correct as used an EHC report as furnished by the Client, his designee, or as derived by EHC.

EHC personnel have inspected as far as possible, by observation, the land and improvement(s); however, it was not possible to personally observe conditions beneath the soil or hidden structural components, or other components.

It is always possible that areas with undetected contamination may exist in portions of the site where no subsurface exploration was performed. Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in this area at the time this report was prepared.

8.0 Special Terms and Conditions

We make no warranties, express or implied, including without limitation, warranties as to merchantability or fitness of a property for a particular purpose. In addition, the information provided to you in an EHC report is not to be construed as legal advice. All rights, warranties and information in the Professional Services Agreement, signed by the Client and EHC, are included.

9.0 Reliance

The Client only may rely on the report information unless written authorization is provided by EHC. EHC does not warranty and there is no accountability, obligation or liability to any third party.

10.0 References

- Area-Wide Soil Contamination Task Force Report, Submitted to Washington State, Dept. of Agriculture, Dept. of Ecology, Dept. of Health and Dept. of Community, Trade and Economic Development, June 30, 2003.
- USEPA, Permit Applicants Guidance manual for Hazardous Waste Land Treatment, Storage and Disposal Facilities (Final Draft), 530-SW-84-004.
- Toxic Substance Control Act (TOSCA), Public Law 94-469, October 1976 administered by the USEPA. Also, the subsequent revisions in the Federal Register.
- Hazardous Waste Compliance Checklist, Hazardous Waste Bulletin, Bureau of Law and Business, Inc., Madison, CT.
- Chapter 173-303 WAC, Dangerous Waste Regulations, Washington State, Department of Ecology, January 1994.
- Chapter 173-340 WAC, Model Toxics Control Act, Washington State, Department of Ecology.

11.0 Signature Of Environmental Professional

The following personnel or principals were involved in preparing this report and should be contacted with questions regarding its contents or opinions at (253) 925-1060 in Tacoma and (253) 874-6556 in Seattle, Washington:

Steven J. Salter
Environmental Consultant
Environmental Hazards Control
ssalter@envirohazardscontrol.com

December 29, 2004
Date

EHC04061B
Project #

12.0 Qualifications of Environmental Professional

Mr. Salter is the owner, founder and lead environmental consultant for Environmental Hazards Control (EHC). His experience includes over 18 years of consulting, planning and remediation in the environmental industry. He has an educational background in architecture, engineering and business. And, he has extensive experience in the investigation, testing, planning, permitting and remediation of hazardous materials.

Mr. Salter has been teaching about hazardous materials to Appraisal, Banking, Insurance, Real Estate and Development Professionals since the early 1990's. He wrote a manual on and started teaching about Environmental Assessment and Audits in 1991. And, he was the Environmental Expert for the Planning Commission of Tacoma, Washington from July 1993 to June 1995.

Mr. Salter maintains numerous certifications in the Environmental Industry including the identification and management of projects involved with Asbestos-Containing Materials, Lead-Based Paints and Hazardous Materials. He has successfully completed numerous courses on Construction Safety Management, Environmental Assessing and Auditing and the Identification of Occupational Hazards. And, he is a Certified Appraisal, Escrow and Real Estate Instructor.

Registrations and Certificates

➢ OSHA Construction Safety Manager	Certified 2000
➢ Environmental Expert, Planning Commission, Tacoma, WA	July 1993 – June 1995
➢ Certified Instructor, Washington Department of Licensing	Instructor #I0468
Real Estate, Escrow and Assessor	1991
➢ Environmental Auditor and Assessor	Certificate #1070
Property Assessments and Audits	1991
➢ AHERA Certified Asbestos Inspector	1988 – Present
USEPA Asbestos Program	
➢ AHERA Project Designer	1994 – 2001
USEPA Asbestos Program	
➢ AHERA Management Planner	1988 – 1996
USEPA Asbestos Program	
➢ Hazardous Waste Site Supervisor	1991 – Present
➢ Lead Inspector Training	Certified 1995
Health and safety training for the inspection and removal of lead	
➢ Sampling and Evaluating Airborne Asbestos Dust	Certificate 1053
NIOSH 582 Certified	1989

13.0 Attachments

1. Maps and Drawings
2. Sampling Plan
3. Laboratory Analysis
4. Washington Administrative Code 173-340-900, MTCA, Method A Cleanup Levels
5. Boring Logs and Groundwater Sampling Logs
6. Equipment List

MAPS AND DRAWINGS

Attachment 1

LEGEND

- Population Center
- Major City
- State Capital
- Town, Small City
- Large City
- Interstate, Turnpike
- US Highway
- State/Prov Boundary
- National Boundary
- Interstate Highway
- US Highway
- Land Mass
- Open Water

Scale 1:3,200,000 (at center)

50 Miles

100 KM

3520 Pacific Hyw E, Fife, WA
Mag 7.00
Thu Jun 24 15:56:45 2004

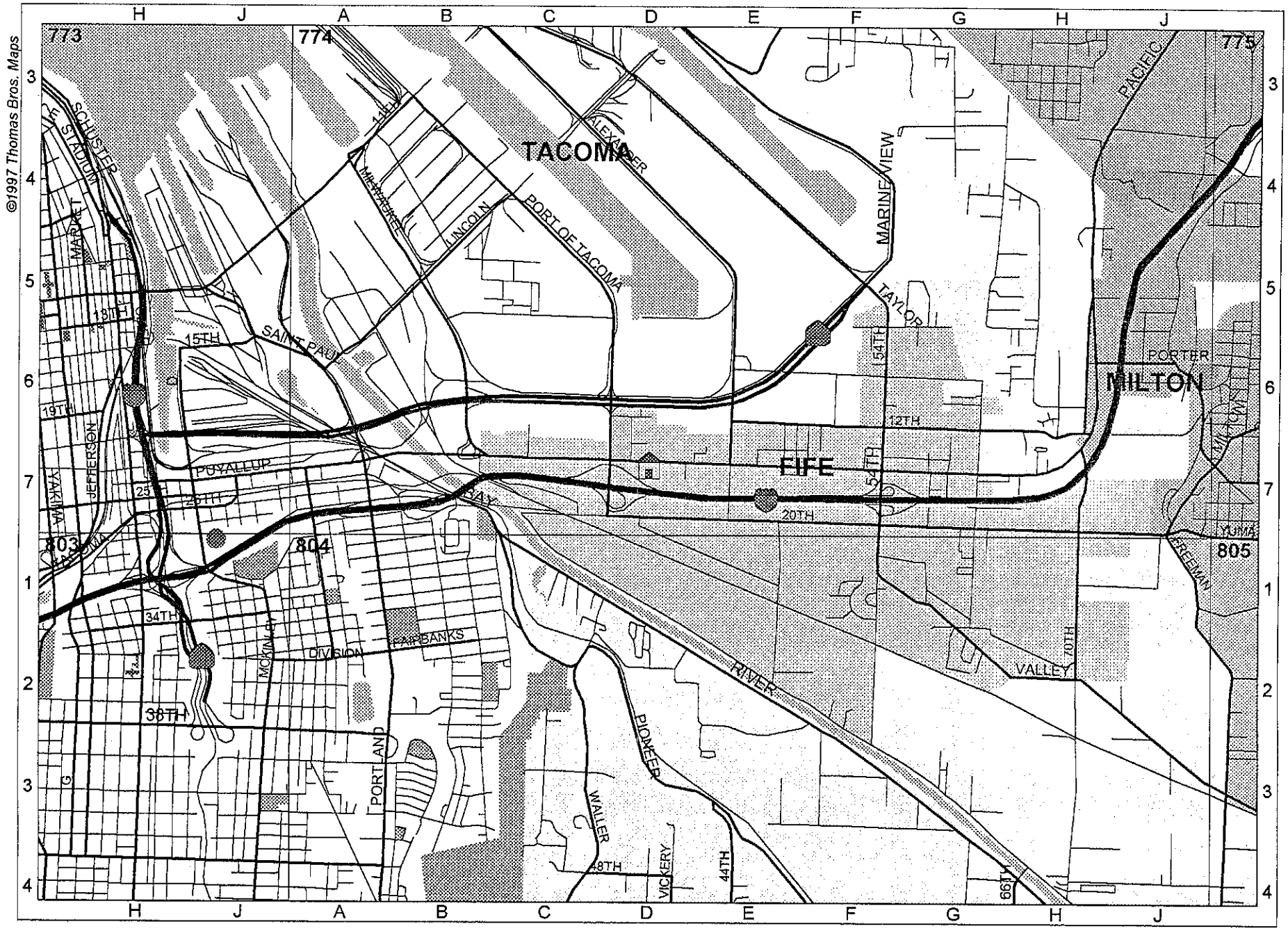

3520 E Pacific Hwy, Fife, 98424, Page & Grid 774 D7

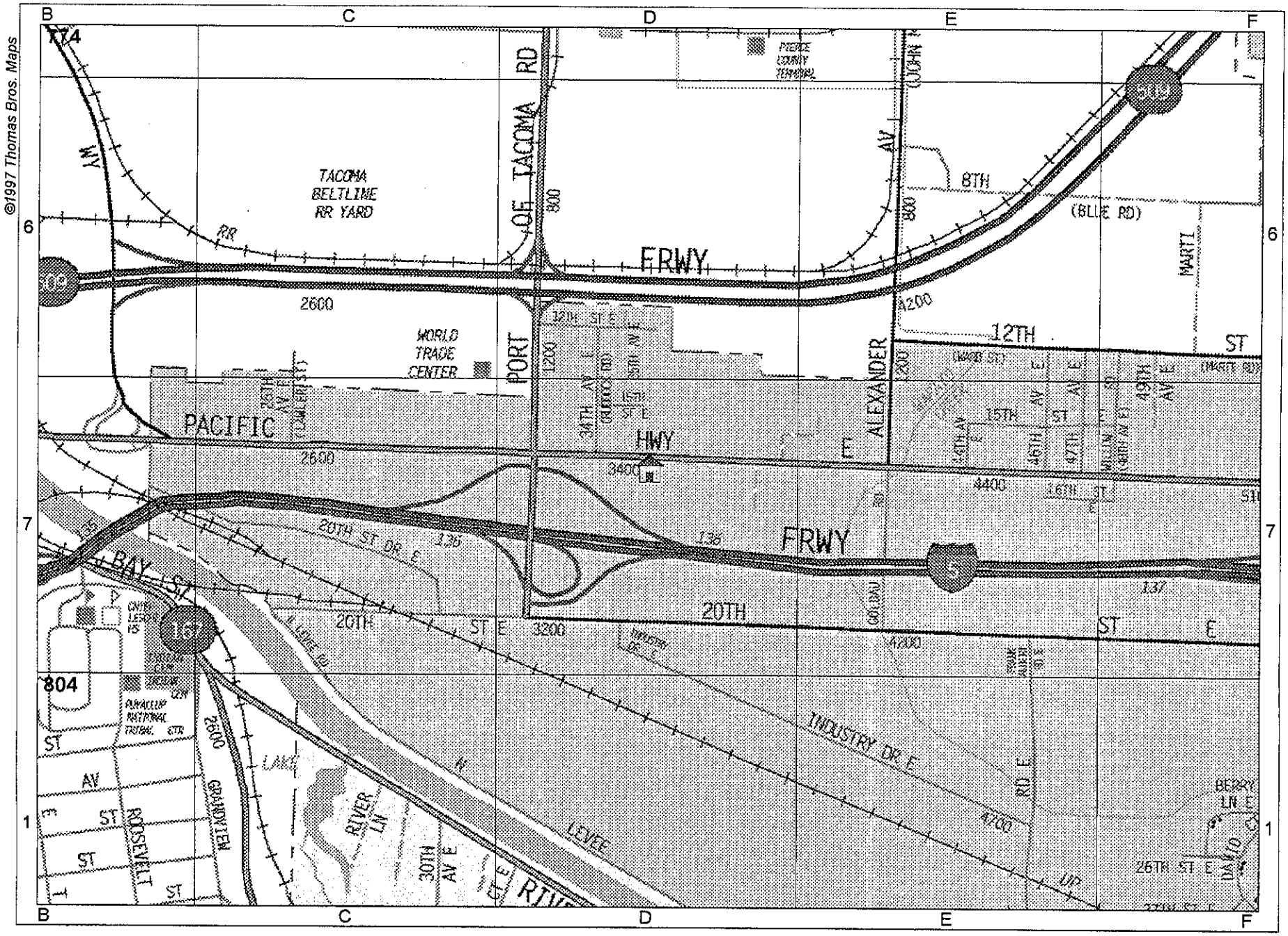

3520 E Pacific Hwy, Fife, 98424, Page & Grid 774 D7

Send To Printer | Back To TerraServer | Change to 11x17 Print Size | Remove Grid Lines | Change to Landscape

USGS **Fife, Washington, United States** 13 Jun 2002

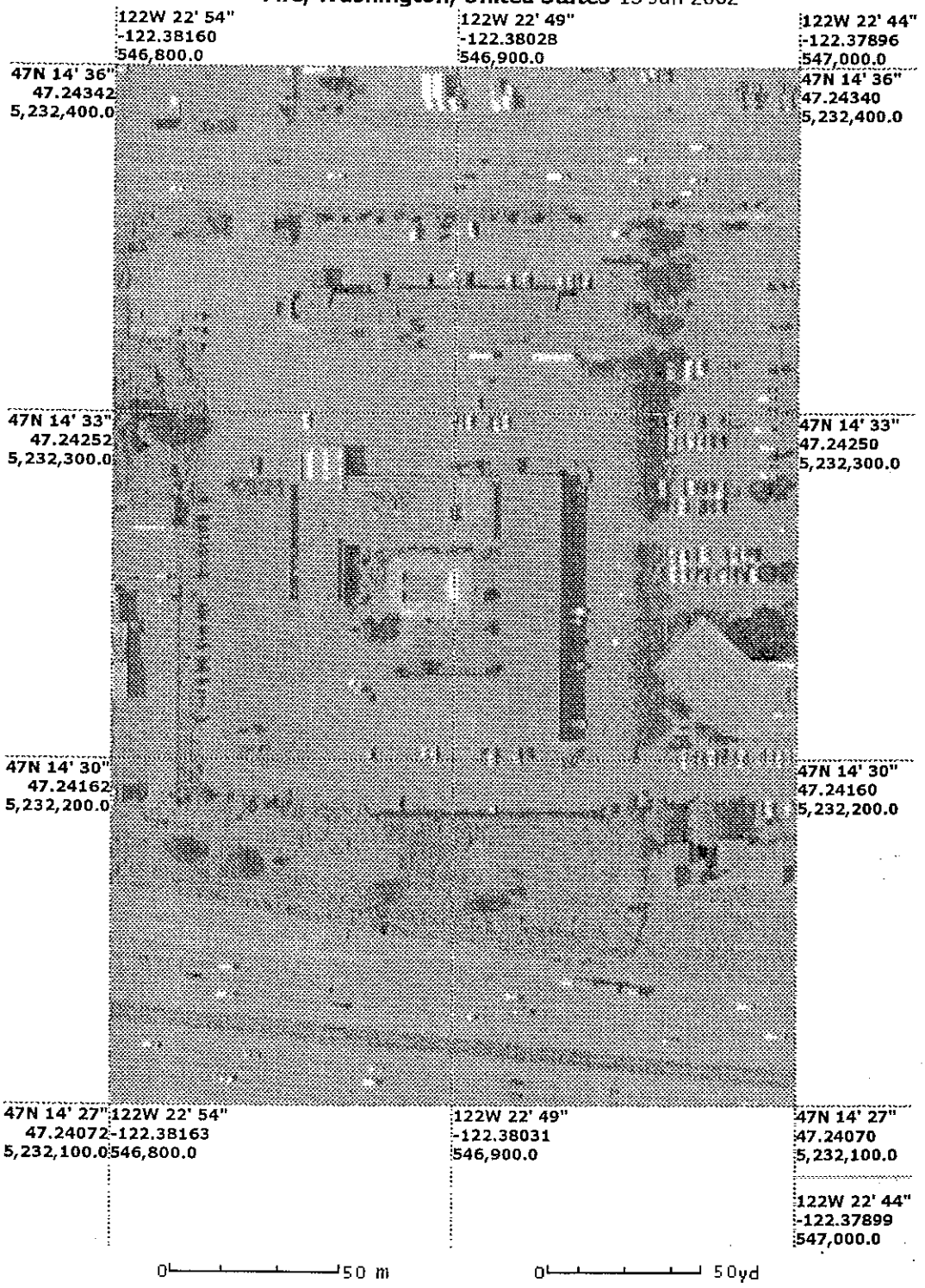

Image courtesy of the U.S. Geological Survey

© 2004 Microsoft Corporation. **Terms of Use** **Privacy Statement**

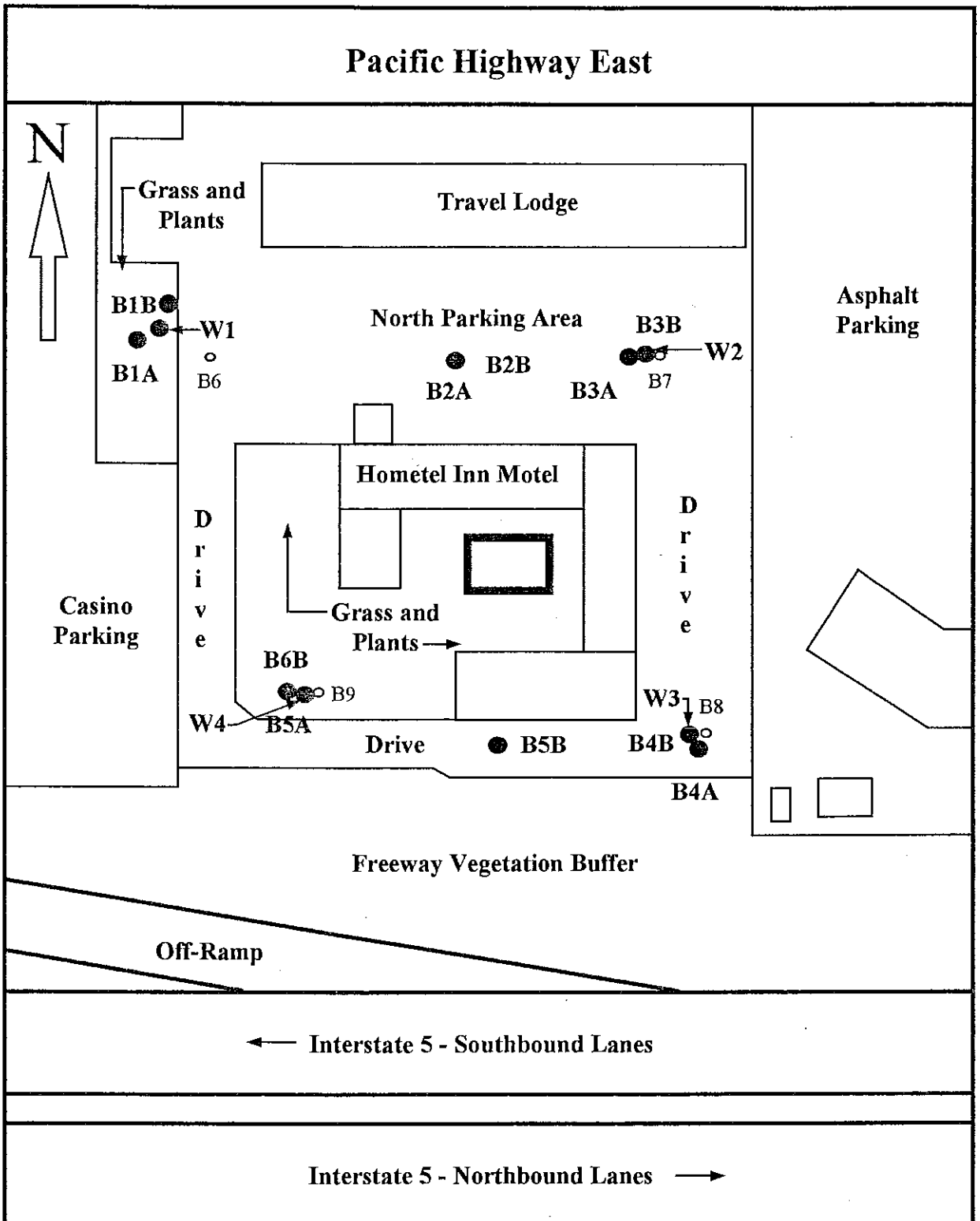

B4A-B EHC Boring and Well Locations - June, October and December 2004

B6 April 2004 Boring Location

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 12/23/2004	**Scale:** No Scale

SAMPLING PLAN

Attachment 2

Environmental Hazards Control
36526–3rd Avenue Southwest, Suite 101
Federal Way, Washington 98023-7330
Seattle: (253) 874-6556
Tacoma:(253) 925-1060
www.envirohazardscontrol.com

EHC

December 15, 2004

Project: **Hometel Inn Motel**
3520 Pacific Highway East, Fife, Washington
Project #: EHC04061B
Title: Groundwater Well Installation and Monitoring

Environmental Hazards Control (EHC) will perform *Groundwater Well Installation and Monitoring* on the referenced property to evaluate site groundwater (GW) to offer recommendations for further investigation, if warranted. Based upon the history of the site (agriculture prior to 1960s and motel from 1960s to present and previous report data related to heavy metals in shallow GW), existing site conditions (site building surrounded by asphalt parking and drives and minor vegetation), EHC will install 4 wells to depth up to 8' below ground surface (bgs). The GW sampling will assist in determining at what the total and dissolved concentrations of the heavy metal arsenic are in GW.

Standard sampling protocols will be adhered to throughout the work. All well installation work and conditions will be documented on Well Logs. All GW monitoring will be documented on Groundwater Sampling Logs. Proper personal protective equipment will be donned, including disposable gloves, rubber boots, hearing protection and eye protection during the work. And, distilled water rinses will be performed on all equipment prior to and between uses.

The wells will be located in and around the perimeter (4 corners) of the subject property adjacent or near the location of previous borings

Groundwater samples will be stored in chilled coolers during all fieldwork. A laboratory chain-of-custody form will be completed and the samples will be submitted to a qualified laboratory for analysis on a "standard" turn-around basis.

Groundwater samples will be analyzed by the following methods:

- Groundwater samples:
  1. USEPA Method 6020 (Heavy metals arsenic – total and dissolved)

Our well locations have been plotted on the attached map. Final or actual well locations will be determined by subsurface conditions, i.e. utilities, buried objects, etc. Following a call to the Utilities Underground Locating Service, the various service providers will identify their respective utilities by marking paved and un-paved surface with the appropriate colored paint.

EHC Representative

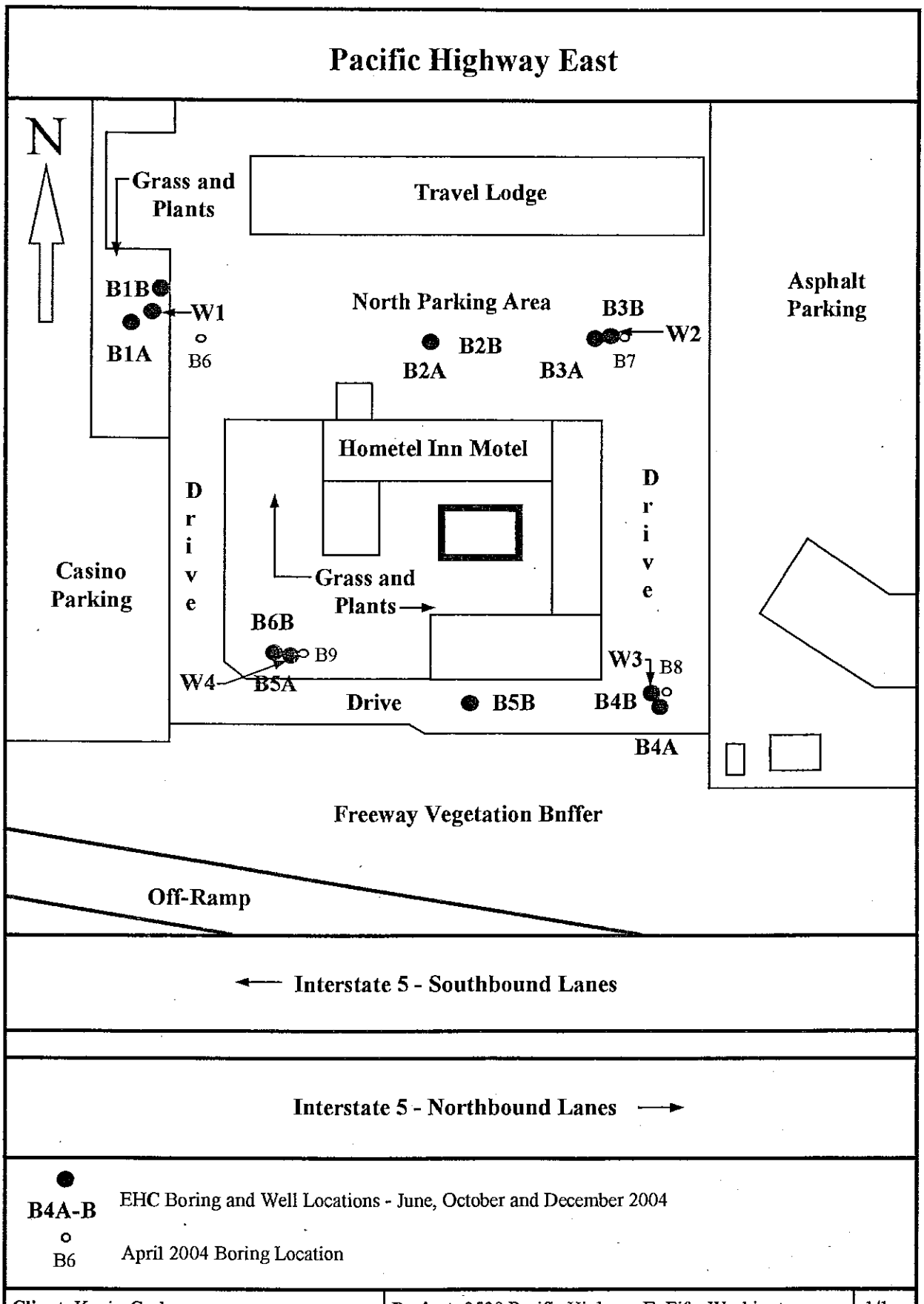

Client: Kevin Carl	**Project:** 3520 Pacific Highway E, Fife, Washington		1/1
Environmental Hazards Control	**Drawn by:** SJS	**Date:** 12/15/2004	**Scale:** No Scale

LABORATORY ANALYSIS

Attachment 3

SEVERN TRENT STL

RECEIVED 12-23-04 cEHC

STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

TRANSMITTAL MEMORANDUM

DATE: December 21, 2004

TO: Steven Salter
Environmental Hazards Control
36526-3rd Avenue S.W, Suite 101
Federal Way, WA 98023-7330

PROJECT: Hometel Inn EHC0406CB

REPORT NUMBER: 125498

TOTAL NUMBER OF PAGES: 18

Enclosed are the test results for four samples received at STL Seattle on December 17, 2004.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,

Katie Downie
Project Manager

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

STL Seattle

Sample Identification:

Lab. No.	Client ID	Date/Time Sampled	Matrix
125498-1	W1 -1	12-17-04 09:30	Liquid
125498-2	W2 -1	12-17-04 11:55	Liquid
125498-3	W3-1	12-17-04 12:50	Liquid
125498-4	W4 -1	12-17-04 13:35	Liquid

This report is issued solely for the use of the person or company to whom it is addressed. Any use, copying or disclosure other than by the intended recipient is unauthorized. If you have received this report in error, please notify the sender immediately at 253-922-2310 and destroy this report immediately.

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W1 -1
Lab ID:	125498-01
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0791	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W1 -1
Lab ID:	125498-01
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W2 -1
Lab ID:	125498-02
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0611	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W2 -1
Lab ID:	125498-02
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W3-1
Lab ID:	125498-03
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.0233	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W3-1
Lab ID:	125498-03
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W4 -1
Lab ID:	125498-04
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	0.00905	0.005	

STL Seattle

Client Name	Environmental Hazards Control
Client ID:	W4 -1
Lab ID:	125498-04
Date Received:	12/17/04
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	10

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.005	

STL Seattle

Lab ID:	Method Blank - TP817
Date Received:	-
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	1

Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.0005	

STL Seattle

Lab ID:	Method Blank - DP818
Date Received:	-
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
Dilution Factor	1

Dissolved Metals by ICP-MS - USEPA Method 6020

Analyte	Result (mg/L)	RL	Flags
Arsenic	ND	0.0005	

STL Seattle

Matrix Spike Report

Client Sample ID:	121604GW1
Lab ID:	125493-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	TP817

Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Spike Amount (mg/L)	MS Result (mg/L)	MS % Rec.	Flag
Arsenic	0	4	4.08	102	

STL Seattle

Matrix Spike Report

Client Sample ID:	W1 -1
Lab ID:	125498-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	DP818

Dissolved Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Spike Amount (mg/L)	MS Result (mg/L)	MS % Rec.	Flag
Arsenic	0	4	4.01	100	

STL Seattle

Duplicate Report

Client Sample ID:	121604GW1
Lab ID:	125493-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	TP817

Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD %	Flag
Arsenic	0	0	NC	

STL Seattle

Duplicate Report

Client Sample ID:	W1 -1
Lab ID:	125498-01
Date Prepared:	12/20/04
Date Analyzed:	12/20/04
QC Batch ID:	DP818

Dissolved Metals by ICP-MS - USEPA Method 6020

Parameter Name	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD %	Flag
Arsenic	0	0	NC	

STL Seattle
5755 8th Street East
Tacoma, WA 98424

Tel: 253 922 2310
Fax: 253 922 5047
www.stl-inc.com

DATA QUALIFIERS AND ABBREVIATIONS

B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).

B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).

C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be < 40%.

C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 40%. The higher result was reported unless anomalies were noted.

C3: Second analysis confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be ≤ 30%.

C4: Second analysis confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 30%. The original analysis was reported unless anomalies were noted.

M: GC/MS confirmation was performed. The result derived from the original analysis was reported.

D: The reported result for this analyte was calculated based on a secondary dilution factor.

E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.

J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.

MCL: Maximum Contaminant Level

MDL: Method Detection Limit

RL: Reporting Limit

N: See analytical narrative

ND: Not Detected

X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be _____.

X2: Contaminant does not appear to be "typical" product.

X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.

X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.

X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.

X5: Matrix spike recovery was not determined due to the required dilution.

X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.

X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.

X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.

X8: Surrogate recovery was not determined due to the required dilution.

X9: Surrogate recovery outside advisory QC limits due to matrix interference.

ESN NORTHWEST | Environmental Services Network

125498

CHAIN-OF-CUSTODY RECORD

CLIENT: Environmental Hazards Control

ADDRESS: 31615-3rd Av SW Ste 101 Federal Way, WA 98023

PHONE: (253) 925-1060 FAX: (253) 874-6556

CLIENT PROJECT #: ENC040613 PROJECT MANAGER: SJS

DATE: 12-17-04 PAGE 1 OF 1

PROJECT NAME: Hometel Inn

LOCATION: 3520 Pac Hwy E, Fife, WA

COLLECTOR: SJ Salter DATE OF COLLECTION 12-17-04

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	As: Total	As: Dissolved	NOTES	Total Number of Containers	Laboratory Note Number
1. W1-1		0930	W	Plastic																	X	X		Unfiltered	2	
2. W2-1		1155	W																		X	X		Unfiltered	2	
3. W3-1		1250	W																		X	X		Unfiltered	2	
4. W4-1		1335	W																		X	X		Unfiltered	2	
5.																										
6.																										
7.																										
8.																										
9.																										
10.																										
11.																										
12.																										
13.																										
14.																										
15.																										
16.																										
17.																										
18.																										

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	12-17-04 1423	[signature]	12/17/04 1423
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

Filter for Dissolved. No Preservative

Turn Around Time: 24 HR 48 HR 5 DAY

WASHINGTON ADMINISTRATIVE CODE 173-340-900
MTCA, METHOD A CLEANUP LEVELS

Attachment 4

Table 720-1
Method A Cleanup Levels for Ground Water.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	5 ug/liter[b]
Benzene	71-43-2	5 ug/liter[c]
Benzo(a)pyrene	50-32-8	0.1 ug/liter[d]
Cadmium	7440-43-9	5 ug/liter[e]
Chromium (Total)	7440-47-3	50 ug/liter[f]
DDT	50-29-3	0.3 ug/liter[g]
1,2 Dichloroethane (EDC)	107-06-2	5 ug/liter[h]
Ethylbenzene	100-41-4	700 ug/liter[i]
Ethylene dibromide (EDB)	106-93-4	0.01 ug/liter[j]
Gross Alpha Particle Activity		15 pCi/liter[k]
Gross Beta Particle Activity		4 mrem/yr[l]
Lead	7439-92-1	15 ug/liter[m]
Lindane	58-89-9	0.2 ug/liter[n]
Methylene chloride	75-09-2	5 ug/liter[o]
Mercury	7439-97-6	2 ug/liter[p]
MTBE	1634-04-4	20 ug/liter[q]
Naphthalenes	91-20-3	160 ug/liter[r]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB mixtures		0.1 ug/liter[s]
Radium 226 and 228		5 pCi/liter[t]
Radium 226		3 pCi/liter[u]
Tetrachloroethylene	127-18-4	5 ug/liter[v]
Toluene	108-88-3	1,000 ug/liter[w]
Total Petroleum Hydrocarbons[x] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		

Gasoline Range Organics		800 ug/liter
Benzene present in ground water		1,000 ug/liter
No detectable benzene in ground water		
Diesel Range Organics		500 ug/liter
Heavy Oils		500 ug/liter
Mineral Oil		500 ug/liter
1,1,1 Trichloroethane	71-55-6	200 ug/liter[y]
Trichloroethylene	79-01-6	5 ug/liter[z]
Vinyl chloride	75-01-4	0.2 ug/liter[aa]
Xylenes	1330-20-7	1,000 ug/liter[bb]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for drinking water beneficial uses at sites undergoing routine cleanup actions or those sites with relatively few hazardous substances. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table should not automatically be used to define cleanup levels that must be met for financial, real estate, insurance coverage or placement, or similar transactions or purposes. Exceedances of the values in this table do not necessarily mean the ground water must be restored to those levels at all sites. The level of restoration depends on the remedy selected under WAC 173-340-350 through 173-340-390.

b **Arsenic.** Cleanup level based on background concentrations for state of Washington.

c **Benzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

d **Benzo(a)pyrene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk. If other carcinogenic PAHs are suspected of being present at the site, test for them and use this value as the total concentration that all carcinogenic PAHs must meet using the toxicity equivalency methodology in WAC 173-340-708(8).

e **Cadmium.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.62).

f **Chromium (Total).** Cleanup level based on concentration derived using Equation 720-1 for hexavalent chromium. This is a total value for chromium III and chromium VI. If just chromium III is present at the site, a cleanup level of 100 ug/l may be used (based on WAC 246-290-310 and 40 C.F.R. 141.62).

g **DDT (dichlorodiphenyltrichloroethane).** Cleanup levels based on concentration derived using Equation 720-2.

h **1,2 Dichloroethane (ethylene dichloride or EDC).** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

i **Ethylbenzene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

are #6 fuel oil, bunker C oil, hydraulic oil and waste oil. The cleanup level is based on protection from noncarcinogenic effects during drinking water use, assuming a product composition similar to diesel fuel. The ground water cleanup level for any carcinogenic components of the petroleum [such as benzene, PAHs and PCBs] and any noncarcinogenic components [such as ethylbenzene, toluene, xylenes and naphthalenes], if present at the site, must also be met. See Table 830-1 for the minimum testing requirements for heavy oil releases.

Mineral oil means non-PCB mineral oil, typically used as an insulator and coolant in electrical devices such as transformers and capacitors measured using NWTPH-Dx. The cleanup level is based on protection from noncarcinogenic effects during drinking water use. Sites using this cleanup level must analyze ground water samples for PCBs and meet the PCB cleanup level in this table unless it can be demonstrated that: (1) The release originated from an electrical device manufactured after July 1, 1979; or (2) oil containing PCBs was never used in the equipment suspected as the source of the release; or (3) it can be documented that the oil released was recently tested and did not contain PCBs. Method B (or Method C, if applicable) must be used for releases of oils containing greater than 50 ppm PCBs. See Table 830-1 for the minimum testing requirements for mineral oil releases.

y **1,1,1 Trichloroethane.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

z **Trichloroethylene.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61).

aa **Vinyl chloride.** Cleanup level based on applicable state and federal law (WAC 246-290-310 and 40 C.F.R. 141.61), adjusted to a 1×10^{-5} risk.

bb **Xylenes.** Cleanup level based on xylene not exceeding the maximum allowed cleanup level in this table for total petroleum hydrocarbons and on prevention of adverse aesthetic characteristics. This is a total value for all xylenes.

Table 740-1
Method A Soil Cleanup Levels for Unrestricted Land Uses.[a]

Hazardous Substance	CAS Number	Cleanup Level
Arsenic	7440-38-2	20 mg/kg[b]
Benzene	71-43-2	0.03 mg/kg[c]
Benzo(a)pyrene	50-32-8	0.1 mg/kg[d]
Cadmium	7440-43-9	2 mg/kg[e]
Chromium		
Chromium VI	18540-29-9	19 mg/kg[f1]
Chromium III	16065-83-1	2,000 mg/kg[f2]
DDT	50-29-3	3 mg/kg[g]
Ethylbenzene	100-41-4	6 mg/kg[h]
Ethylene dibromide (EDB)	106-93-4	0.005 mg/kg[i]
Lead	7439-92-1	250 mg/kg[j]

Lindane	58-89-9	0.01 mg/kg[k]
Methylene chloride	75-09-2	0.02 mg/kg[l]
Mercury (inorganic)	7439-97-6	2 mg/kg[m]
MTBE	1634-04-4	0.1 mg/kg[n]
Naphthalenes	91-20-3	5 mg/kg[o]
PAHs (carcinogenic)		See benzo(a)pyrene[d]
PCB Mixtures		1 mg/kg[p]
Tetrachloroethylene	127-18-4	0.05 mg/kg[q]
Toluene	108-88-3	7 mg/kg[r]
Total Petroleum Hydrocarbons[s] [Note: Must also test for and meet cleanup levels for other petroleum components--see footnotes!]		
Gasoline Range Organics		
Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture		100 mg/kg
All other gasoline mixtures		30 mg/kg
Diesel Range Organics		2,000 mg/kg
Heavy Oils		2,000 mg/kg
Mineral Oil		4,000 mg/kg
1,1,1 Trichloroethane	71-55-6	2 mg/kg[t]
Trichloroethylene	79-01-6	0.03 mg/kg[u]
Xylenes	1330-20-7	9 mg/kg[v]

Footnotes:

a **Caution on misusing this table.** This table has been developed for specific purposes. It is intended to provide conservative cleanup levels for sites undergoing routine cleanup actions or for sites with relatively few hazardous substances, and the site qualifies under WAC 173-340-7491 for an exclusion from conducting a simplified or site-specific terrestrial ecological evaluation, or it can be demonstrated using a terrestrial ecological evaluation under WAC 173-340-7492 or 173-340-7493 that the values in this table are ecologically protective for the site. This table may not be appropriate for defining cleanup levels at other sites. For these reasons, the values in this table

BORING LOGS
and
GROUNDWATER SAMPLING LOGS

Attachment 5

ENVIRONMENTAL HAZARDS CONTROL

Project: Hamilton Inn	Project #: ENCONWIB
Address: 3520 Pacific Hwy E, Fife, WA	Well/Test Pit #: W1
	Date: 12-16-04
Client: Kevin Cole	EHC Rep: JTS

Ft.	Soil Description	GW				Well: As-Built Design
1		.5'				
2						
3						
4						
5						
6						
7						
8						
9						
10						

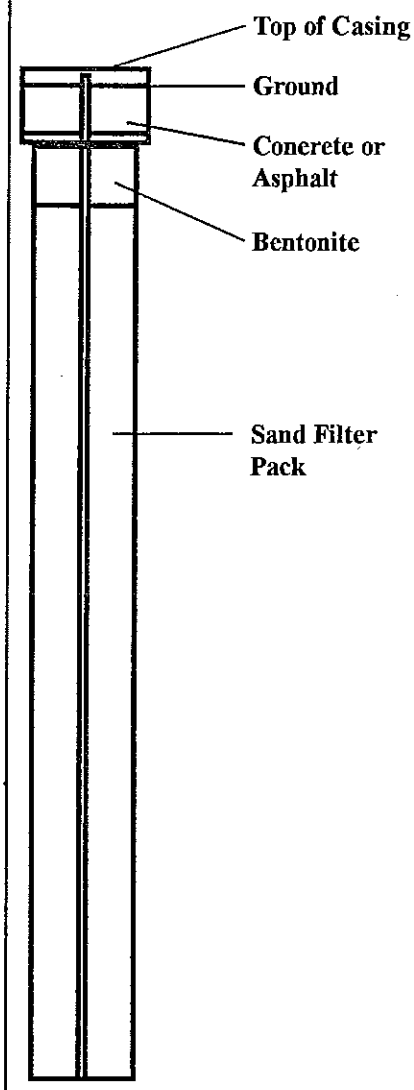

Legend/Notes:

GW = 0.5'
Screen: 1'-6'

WDOE Well #: AKA437

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn
Address: 3520 Pacific Hwy E
Fife, WA
Client: Kevin Cook

Project #: EN04041B
Well/Test Pit #: W2
Date: 12-14-04
EHC Rep: JTS

Ft.	Soil Description	GW
1		
2		1.9'
3		
4		
5		
6		
7		
8		
9		
10		

Well: As-Built Design

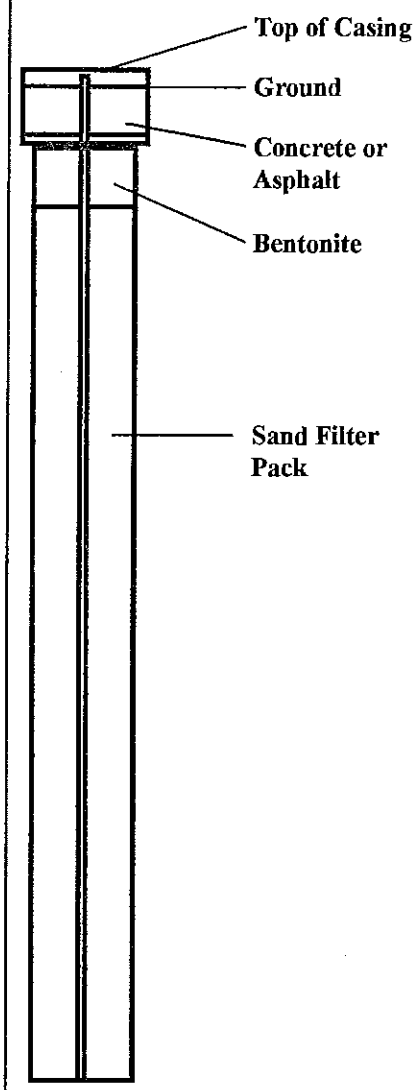

Legend/Notes:
GW = 1.9'
Screen = 3'-9'

WDOE Well #:
AKA438

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn	Project #: ENC 040413
Address: 3520 Pacific Hwy E	Well/Test Pit #: W3
Fife, WA	Date: 12-16-04
Client: Kevin Crook	EHC Rep: SJS

Ft.	Soil Description	GW				Well: As-Built Design
1						
2						
3		2.8'				
4						
5						
6						
7						
8						
9						
10						

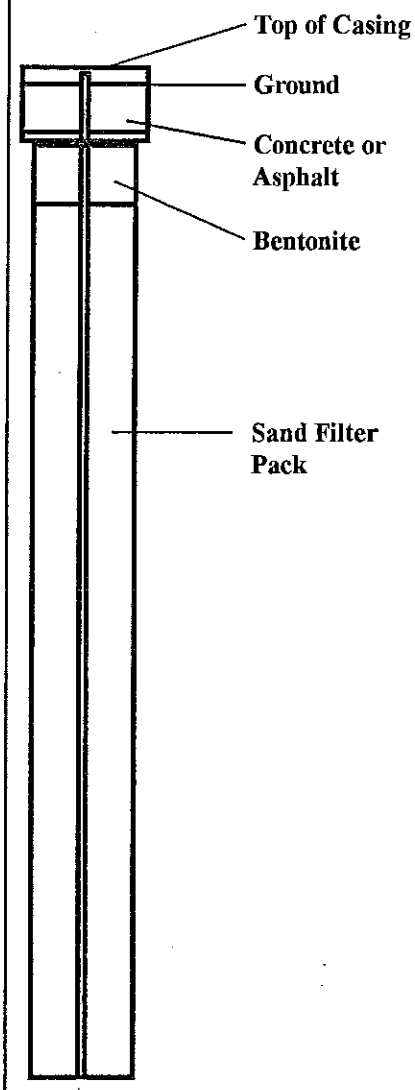

Legend/Notes:

GW @ 2.8'
Screen: 2'-7'

WDOE Well # AKA439

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

ENVIRONMENTAL HAZARDS CONTROL

Project: Hometel Inn	Project #: ENC04013
Address: 3520 Pacific Hwy E	Well/Test Pit #: W4
Fife, WA	Date: 12-18-04
Client: Kevin Call	EHC Rep: JTS

Ft.	Soil Description	GW	Well: As-Built Design
1			
2		2.2'	
3			
4			
5			
6			
7			
8			
9			
10			

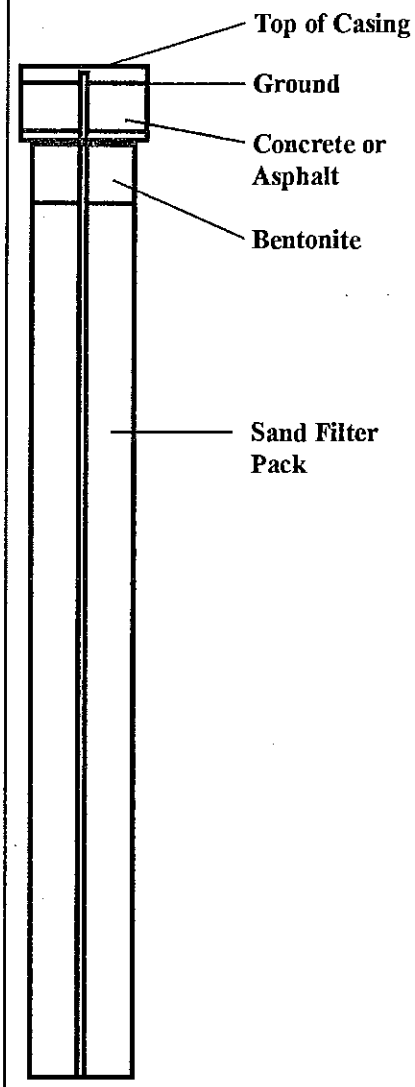

Legend/Notes:

GW @ 2.2'
Screen @ 3'-9'

WDOE Well #
AKA440

well-log.pub.5-2001

36526-3rd Avenue SW, Suite 101, Federal Way, Washington 98023-7330
Seattle: (253) 874-6556 Tacoma: (253) 925-1060

GROUNDWATER SAMPLING LOG

Sample #	W1-1	Project #	ENCONOR13	Date	12-17-04
Location	NW CORNER OF SITE			Time	0939
Personnel	STS	Weather	OVERCAST & 44°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	6'	Reference Surface	TOM
Depth to Water Table	0.95	Photoionization Detector Reading	NA
Height of Water Column	5.15'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.10	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment	GRAVITY PUMP / SCALING & TUBE		

Groundwater Quality Data

Color	LT BROWN	Odor	NONE	Appearance	CLOUDY

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.30	0.60	1.0		
Temperature C	10.2	10.6	10.5	10.5		
pH	6.94	6.74	6.75	6.75		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

TOM = TOP OF MONUMENT

NA = NOT ANALYZED

ND = NONE DETECTED

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
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www.envirohazardscontrol.com

GROUNDWATER SAMPLING LOG

Sample #	W2-1	Project #	EH04013	Date	12-17-04
Location	NE Corner of Site			Time	1155
Personnel	SJS	Weather	Overcast & 44°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	8'	Reference Surface	TOM
Depth to Water Table	1.95'	Photoionization Detector Reading	NA
Height of Water Column	6.05'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.12	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment	Gravity Pump / Bailing & Tube		

Groundwater Quality Data

Color	Lt. Brown	Odor	None	Appearance	Cloudy

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.30	0.60	1.0		
Temperature C	10.7	10.9	10.9	10.9		
pH	6.58	6.68	6.70	6.7		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
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Seattle: (253) 874-6556 Tacoma: (253) 925-1060
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GROUNDWATER SAMPLING LOG

Sample #	W3-1	Project #	ENCO40618	Date	12-17-04
Location	SE Corner of Site			Time	1250
Personnel	SJS	Weather	Overcast & 45°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	7'	Reference Surface	TOM
Depth to Water Table	1.6'	Photoionization Detector Reading	NA
Height of Water Column	5.4'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.11	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment	Gravity Pump / Bailing & Tube		

Groundwater Quality Data

Color	Lt. Brown	Odor	None	Appearance	Cloudy

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.30	0.60	1.0		
Temperature C	10.1	10.0	10.0	10.1		
pH	6.78	6.79	6.75	6.75		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
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Seattle: (253) 874-6556 Tacoma: (253) 925-1060
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GROUNDWATER SAMPLING LOG

Sample #	W4-1	Project #	ENCOWOLIB	Date	12-17-04
Location	SW Corner of Site			Time	1335
Personnel	SJS	Weather	Overcast & 45°F		

Evacuation Data

Measuring Point	TOM	Height Above/Below Ref. Surface	0
Total Depth of Well	8'	Reference Surface	TOM
Depth to Water Table	2.5'	Photoionization Detector Reading	NA
Height of Water Column	5.5'	Thickness of Floating Product	ND
Gallons per Foot	0.02	Casing Diameter	0.75"
One Casing Volume	0.11	Gallons Purged Prior to Sampling	1.0
Evacuation Method/Equipment			

Groundwater Quality Data

Color	Lt. Brown	Odor	None	Appearance	Cloudy

Parameter Measurement Events

	Initial	No. 1	No. 2	No. 3	No. 4	Sample
Gallons Purged	0	0.3	0.6	1.0		
Temperature C	10.9	10.9	11.0	11.0		
pH	6.75	6.74	6.70	6.70		
Conductivity	NA	NA	NA	NA		
Salinity	NA	NA	NA	NA		
Turbidity	NA	NA	NA	NA		

Comments

Well Casing Volumes

Gal/Ft	0.75" = 0.02	1" = 0.04	1.5" = 0.09	2" = 0.16	2.5" = 0.26	3" = 0.37	4" = 0.65

Environmental Hazards Control
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Seattle: (253) 874-6556 Tacoma: (253) 925-1060
www.envirohazardscontrol.com

EQUIPMENT LIST

Attachment 6

Equipment List

Attachment 6

The following is a list of equipment used by EHC during the *Groundwater Well Installation and Monitoring* work at 3520 Pacific Highway East, Fife, Washington.

1. Orion Model 230A pH and Temperature Meter (calibrated prior to use)
2. Disposable coveralls
3. Disposable latex gloves
4. Rubber boots
5. Hearing protection (ear plugs)
6. Distilled/de-ionized water (2 gallons)
7. Trisodium phosphate
8. Paper towels
9. Utility knife
10. Measuring tapes (25' and 300')
11. Flash light
12. Tools kit (ratchet, sockets, Allen wrenches, pliers, screw drivers, etc.)
13. 4 ounce glass jars
14. Poly bottles (non-preserved)
15. Cooler with chill packs
16. Temperature gauge for cooler
17. Hand wipes (unscented)
18. Numerous orange cones for directing traffic and cordoning off work areas
19. Department of Transportation approved sign indicating "Road Work Ahead"

LIMITED SUBSURFACE SAMPLING AND TESTING

Vacant Property
3309 Pacific Highway East
Fife, Washington

MR. KYU DAE LEE

ENVIRONMENTAL
ASSOCIATES, INC.

1380 - 112th Avenue Northeast, Suite 300
Bellevue, Washington 98004
(425) 455-9025 Office
(888) 453-5394 Toll Free
(425) 455-2316 Fax

October 25, 2017

JN-36173-2

Mr. Kyu Dae Lee
c/o David Shcean
David Sheean and Associates
12715 Gravelly Lake Drive Southwest
Lakewood, Washington 98499

Subject: **PHASE II - LIMITED SUBSURFACE SAMPLING & TESTING**
Vacant Property
Parcels 708500-0420, -0440
3309 Pacific Highway East
Fife, Washington 98424

Dear Mr. Lee:

Environmental Associates, Inc. (EAI) has performed limited sampling and testing of subsurface soils, groundwater, and soil-vapor at selected localities on the subject property. The initial purpose of this work was to make a preliminary assessment of the potential for the presence of petroleum products, volatile organic compounds (VOCs), and metals including arsenic, cadmium, chromium, lead, and mercury. This report, prepared in accordance with the terms of our proposal dated July 26, 2017, summarizes our approach to the project along with results and conclusions.

The contents of this report are confidential and are intended solely for your use and the use of your representatives. No other distribution or discussion of this report will take place without your prior approval in writing.

We appreciate the opportunity to be of service on this assignment. If you have any questions or if we may be of additional service, please do not hesitate to contact us.

Respectfully submitted,
ENVIRONMENTAL ASSOCIATES, INC.

Don W. Spencer, M.Sc., P.G., R.E.A.
Principal

State of Washington
Hydrogeologist
604
Licensed Geologist
DON W. SPENCER

License: 604	(Washington)
License: 11464	(Oregon)
License: 876	(California)
License: 5195	(Illinois)
License: 0327	(Mississippi)

PHASE II - LIMITED SUBSURFACE SAMPLING AND TESTING

Vacant Property
Parcels 708500-0420, -0440
3309 Pacific Highway East
Fife, Washington 98424

Prepared for:

Mr. Kyu Dae Lee
c/o David Sheean and Associates
12715 Gravelly Lake Drive Southwest
Lakewood, Washington 98499

Questions regarding this investigation, the conclusions reached and the recommendations given should be addressed to one of the following undersigned.

Eric Zuern
Environmental Geologist / Project Manager

Don W. Spencer, M.Sc., P.G., R.E.A.
Principal

State of Washington
Hydrogeologist
604
Licensed Geologist
DON W. SPENCER

License: 604 (Washington)
License: 11464 (Oregon)
License: 876 (California)
License: 5195 (Illinois)
License: 0327 (Mississippi)

Reference Job Number: JN 36173-2

October 25, 2017

ENVIRONMENTAL ASSOCIATES, INC.

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Plate 2 - Site Plan
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Table 2 - Petroleum Hydrocarbons and BTEX Groundwater Sampling Results
Table 3 - VOCs Groundwater Sampling Results
Table 4 - MTCA-5 Metals Groundwater Sampling Results
Table 5 - Arsenic Soil Sampling Results
Table 6 - Select VOCs and APH (Aromatic/Aliphatic Petroleum Hydrocarbons) Soil Vapor Sampling Results

APPENDICES

Laboratory Reports

INTRODUCTION/SCOPE OF WORK

SITE/PROJECT DESCRIPTION

The subject property is comprised of two (2) parcels (tax parcel numbers 708500-0420, -0440) covering approximately 0.93 acres of land. The property is currently vacant and unoccupied. The approximate location of the site is shown on the Vicinity/Topographic Map, Plate 1, appended herewith.

Background

On October 4, 2016, EAI presented the findings of a Phase 1 Environmental Site Assessment to H&H Northwest Companies LLC for the subject property. At that time, the eastern margin of the property extended to the right-of-way of 34th Avenue East. That reported identified the northern and western adjacent "leaking underground storage tank" (LUST) sites as recognized environmental conditions in relation to the property. EAI also provided a cautionary footnote acknowledging that due to historic occupancy of the site by pre-1941-vintage residences, that an underground heating oil storage tank may be located beneath the property and that such should be removed and appropriately sampled/tested if encountered.

Since the time of EAI's Phase 1 study, the Port of Tacoma appeared to purchase a portion of the site along 34th Avenue East in preparation to expand the right-of-way to Pacific Highway East.

EAI was provided a Hazardous Materials Exploration Plan drafted by Widener & Associates in March 2017 which proposed sampling and testing of soils and groundwater within various Port of Tacoma lands in preparation for proposed interchange improvement projects. That plan noted a sample location (Sample ID-5) would be installed in the right-of-way of 34th Avenue East, adjacent to the subject site. EAI staff subsequently observed a groundwater monitoring well in the approximate location proposed for Sample ID-5. Subsequent laboratory data provided by the client revealed that while no detections of diesel, heavy oil, gasoline, or volatile organic compounds (VOCs) were detected in the soil sample collected from that locality, several metals were detected in soils at either WDOE compliant or typical "background" concentrations for the area. Groundwater sampled from that location did not contain concentrations of gasoline or VOCs, however concentrations of diesel and heavy oil were detected at concentrations exceeding their MTCA Method-A cleanup level. Additionally, elevated total metal concentrations of arsenic and lead were noted in groundwater from the Sample ID-5 location (mapped on the attached Site Plan, Plate 2).

Current Study

Your expressed interests to conduct a preliminary evaluation of subsurface conditions to assess the potential for the presence of petroleum products, volatile organic compounds (VOCs), and metals including arsenic, cadmium, chromium, lead, and mercury as memorialized in EAI's proposal dated July 26, 2017, formed the basis for the following scope of work:

- Conduct geophysical survey on the accessible portions of the property in an effort to locate potential metallic geophysical "anomalies" of the type(s) commonly associated with/indicative of underground storage tanks (USTs) such as (if present) could be related to historic on-site residences.

- Drill and sample six (6) borings in accessible locations near the western, northern, and eastern property boundaries, adjacent to leaking underground storage tank sites to the north and west as well as off-site detections of petroleum contamination to the east. Soil and groundwater samples were obtained from each boring and a log of subsurface conditions encountered was prepared for each boring by the EAI project geologist. Additionally, a soil-vapor sample was collected from a single boring.

- Initial laboratory analysis of selected soil and/or groundwater samples for gasoline, diesel, oil, volatile organic compounds (VOCs), and MTCA-5 metals including arsenic, cadmium, chromium, lead, and mercury. The soil-vapor sample was tested for VOCs and petroleum.

- Preparation of this summary report documenting the methodology and results of the investigation.

FINDINGS

GEOPHYSICAL SURVEY

On October 5, 2017, EAI's technical team performed a geophysical survey on the accessible portions of the subject site. As the site was initially covered in heavy vegetation, site clearing occurred prior to the geophysical survey and included much of the site up to approximately 15 feet from the property northern property line. The geophysical survey utilized electromagnetic (EM) equipment as well as a magnetometer instrument to search the survey area for metallic "anomalies" or soil disturbances. Potential anomalies detected by the EM appeared to be surficial metallic or wood debris upon further inspection. A single magnetic geophysical "anomaly" measuring approximately two feet by two feet was encountered on the southwestern portion of the site (depicted on Plate 2, Site Plan). Due to the uneven topography of the property, ground penetrating radar (GPR) could not be utilized.

SUBSURFACE INVESTIGATION

Soil Boring Sampling

Six (6) soil borings were made on October 9, 2017 at the approximate locations noted as B-1, B-2, B-3, B-4, B-5, and B-6 on the Site Plan, Plate 2. The borings were placed around the northern, western, and eastern property lines except for B-4 which was placed adjacent to the magnetic anomaly encountered during the geophysical survey. The borings were extended to depths between 20 to 25 feet below ground surface (bgs).

Soil and Groundwater Sampling Procedure

Under the observation of the EAI field geologist, a truck-mounted push probe drill rig was brought into position over each selected boring location. Following set-up preparations, the push-probe boring/sampling technique consisted of advancing a plastic lined sampler into the ground. The sampler was then withdrawn and the liner was removed and cut open for examination and transfer of the soil sample to laboratory prepared glassware by EPA Method 5035.

After soil sampling within the borings had been completed and as groundwater was observed in the borings, a temporary well screen was installed in an attempt to sample the groundwater. Small plastic tubing was extended from a peristaltic pump into each well to recover groundwater samples.

Soil and groundwater samples were transferred from the sampler directly to sterilized laboratory prepared glassware which were then stored in an iced chest maintained at approximately 4 degrees centigrade at the site and taken to the laboratory in this condition in an effort to preserve sample integrity.

Each sample container was clearly labeled as to boring and sample number/depth, date, time, project, etc. EPA-recommended sample-management protocol was observed at each stage of the project. During drilling, a field log was made by EAI for each boring. Information recorded versus corresponding depth included soil classification (Unified Soil Classification System), color, texture, relative moisture, odors (if present), etc.

Soil-Vapor Sampling Procedure

Upon reaching depths of between 4 to 5 feet below ground surface (bgs) at location B-6, a soil vapor sample was collected through a temporary screen and casing rod inserted into the ground by the drill rig. The bore hole was sealed around the upper casing rod to inhibit dilution from of atmospheric air in the soil vapor sample. A laboratory-prepared "summa canister" (vacuum cylinder) was then utilized to collect a sample of the subsurface soil-vapor at that locality. Utilizing a flow controller and gauge-vacuum provided by Friedman and Bruya Inc. of Seattle, soil-vapor was collected over a span of five minutes.

Subsurface Conditions

Soils encountered within the borings generally consisted of sands, silty sands, and wood debris. While moisture was observed within the borings at approximately 7 to 9 feet below ground surface (bgs), no recoverable groundwater was encountered until reaching depths of 20 feet bgs or greater. In borings B-3 through B-6, where borings were extended to 25 feet bgs, groundwater rose within the borings up to depths of approximately 5 feet bgs before stabilizing.

LABORATORY ANALYSIS

Laboratory analysis of soil and groundwater samples was conducted by Environmental Service Network (ESN), Olympia, Washington, a WDOE-accredited analytical laboratory. Select soil and groundwater samples were submitted for analysis of gasoline, diesel, and oil petroleum hydrocarbons along with fuel constituents benzene, toluene, ethylbenzene, and xylenes (BTEX). Soil samples selected for analysis were collected from depths where a field screening instrument (photo-ionization detector/PID) indicated detectable vapors. Select groundwater samples were analyzed for volatile organic compounds (VOCs) and MTCA-5 metals including arsenic, cadmium, chromium, lead, and mercury. Laboratory analysis of the soil-vapor sample was conducted by Friedman and Bruya, Inc. of Seattle, Washington. Laboratory analysis was performed on the soil vapor sample for VOCs by EPA Method TO-15 and petroleum (aromatic and aliphatic) hydrocarbons by EPA method MA-APH.

As summarized in Table 1 attached to this report, no petroleum hydrocarbons or BTEX constituents were detected in the soil samples analyzed.

As depicted in Table 2, attached to this report, no petroleum hydrocarbons or BTEX constituents were detected in the groundwater samples analyzed.

As documented in Table 3, of this report, no VOCs were detected in the groundwater samples collected from each boring.

As depicted in Table 4, no detections of cadmium, chromium, lead, or mercury were noted in the groundwater samples analyzed. Dissolved arsenic was detected in each of the three groundwater samples tested with two of those detections at B1 and B5 (5.5 and 7.4 parts per billion/ppb respectively) being above the MTCA Method-A cleanup value for arsenic, currently established at 5 ppb.

Due to the detections of arsenic in groundwater noted above, EAI submitted three (3) soil samples from various depths across the site for analysis of arsenic. As shown in Table 5 attached to this report, no detections of arsenic were found in those samples.

As shown in Table 6 and in the attached laboratory data, various VOCs and APH (aliphatic/aromatic petroleum hydrocarbons) compounds were detected at concentrations below the published MTCA-Method-B screening levels.

CONCLUSIONS

Relying upon the results of limited sampling and laboratory testing documented in this preliminary effort, groundwater at two (2) locations (B1 and B5) contained concentrations (5.5 to 7.4 ppb) of arsenic above MTCA Method-A cleanup limits. No arsenic was detected in soils at those locations indicating that the arsenic may be attributed to a region-wide condition rather than a site specific source.

In attempting to provide some context regarding the arsenic detections in groundwater, information contained in recent publications of the Washington Department of Ecology (March, 2016: *Natural Background Groundwater Arsenic Concentration in Washington State. Ecology Publication No. 14-09-044*) clearly advises that for soils in the Puget Sound Basin (region of Washington in which the subject property is situated), **naturally occurring background** concentrations for arsenic in groundwater have been established at levels ranging from 0.8 to 76 ug/L (or parts per billion). Viewed in that perspective alone, it may be reasonable to consider that the detections of arsenic documented in groundwater beneath the subject property could in fact be a natural background condition not necessarily indicative of a contamination issue for that analyte. If further knowledge is desired by the client regarding these detections, sampling and testing from permanent monitoring wells might provide slightly more "accurate" arsenic concentrations, however no dramatic or substantive changes in results warranting such additional expenditures are presently anticipated.

While no detections of petroleum were found in the groundwater samples collected on-site, at this juncture, we (EAI) simply recommend that the property owner periodically acquire and review cleanup documents and other reports regarding the off-site facilities to the north and west as well as the development work to the east in an effort to learn if any changes in operation or WDOE status of these nearby properties occur.

As an administrative footnote, acknowledging the metallic geophyiscal "anomaly" found on the southwest portion of the property, if during the course of future site redevelopment activity, a tank not discovered during this survey due to such factors as signal loss, inaccessibility, etc., EAI would then simply recommend that such be removed and disposed of in a safe and lawful manner. In such a case, it would be our additional recommendation to collect and analyze selected samples of soils and groundwater to document that environmental conditions at the time of removal are compatible with WDOE cleanup guidelines.

LIMITATIONS

This report has been prepared for the exclusive use of Mr. Kyu Dae Lee along with David Sheean and Associates and their several representatives for specific application to this site. Our work for this project was conducted in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area, and in accordance with the terms and conditions set forth in our proposal dated July 26, 2017. The findings and conclusions of this study are based upon the results of laboratory testing of selected samples obtained from separated boring localities and environmental conditions may vary between those locations or at other locations, media, depths, or calender date. No other warranty, expressed or implied, is made. If new information is developed in future site work which may include excavations, borings, studies, etc., Environmental Associates, Inc., must be retained to reevaluate the conclusions of this report and to provide amendments as required.

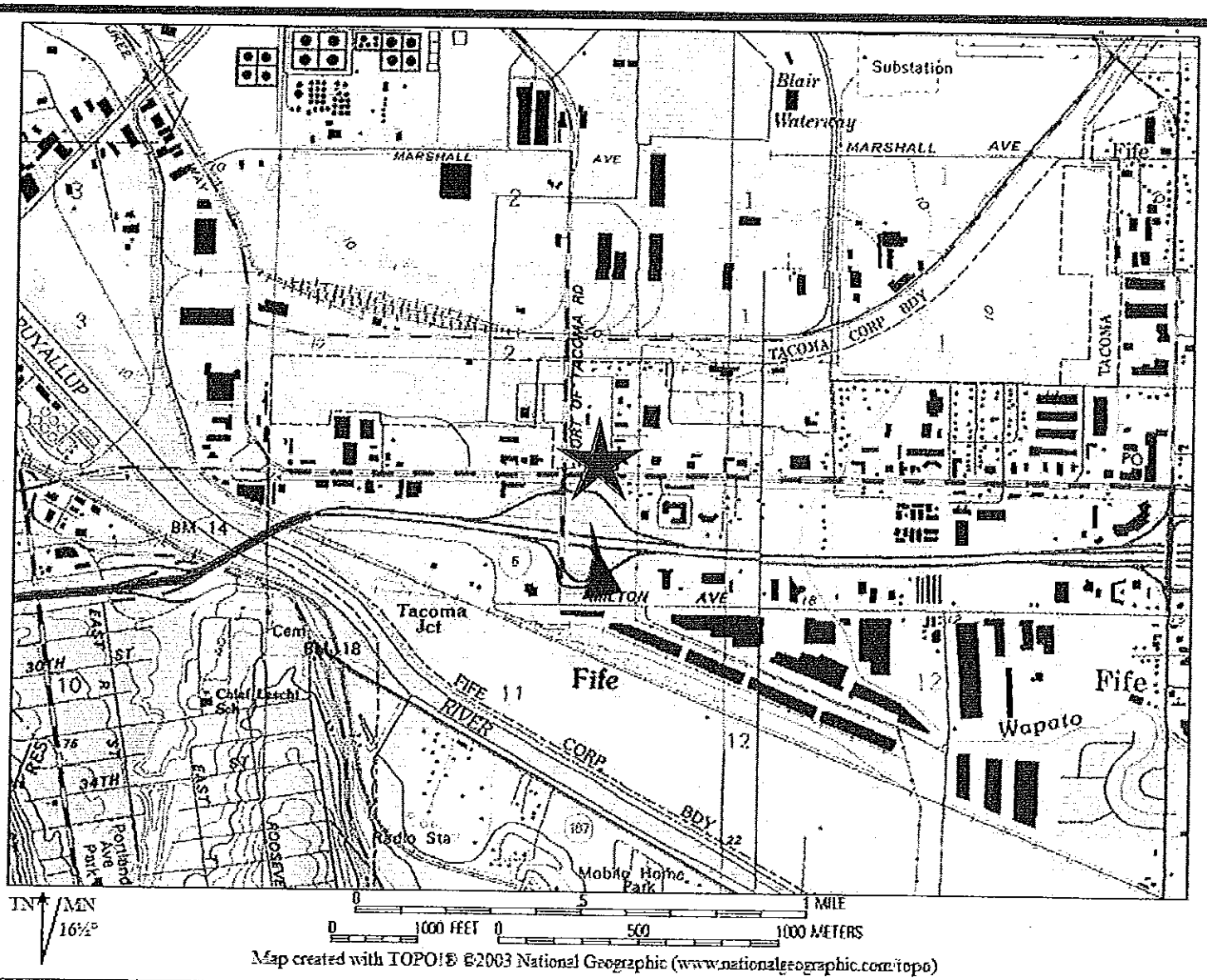

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Approximate Geographical Center of Site Location

Inferred Approximate Direction of Regional Groundwater Flow

N

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue NE, Suite 300
Bellevue, Washington 98004

VICINITY / TOPOGRAPHIC MAP

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:		Plate:
JN 36173-2	October 2017		1

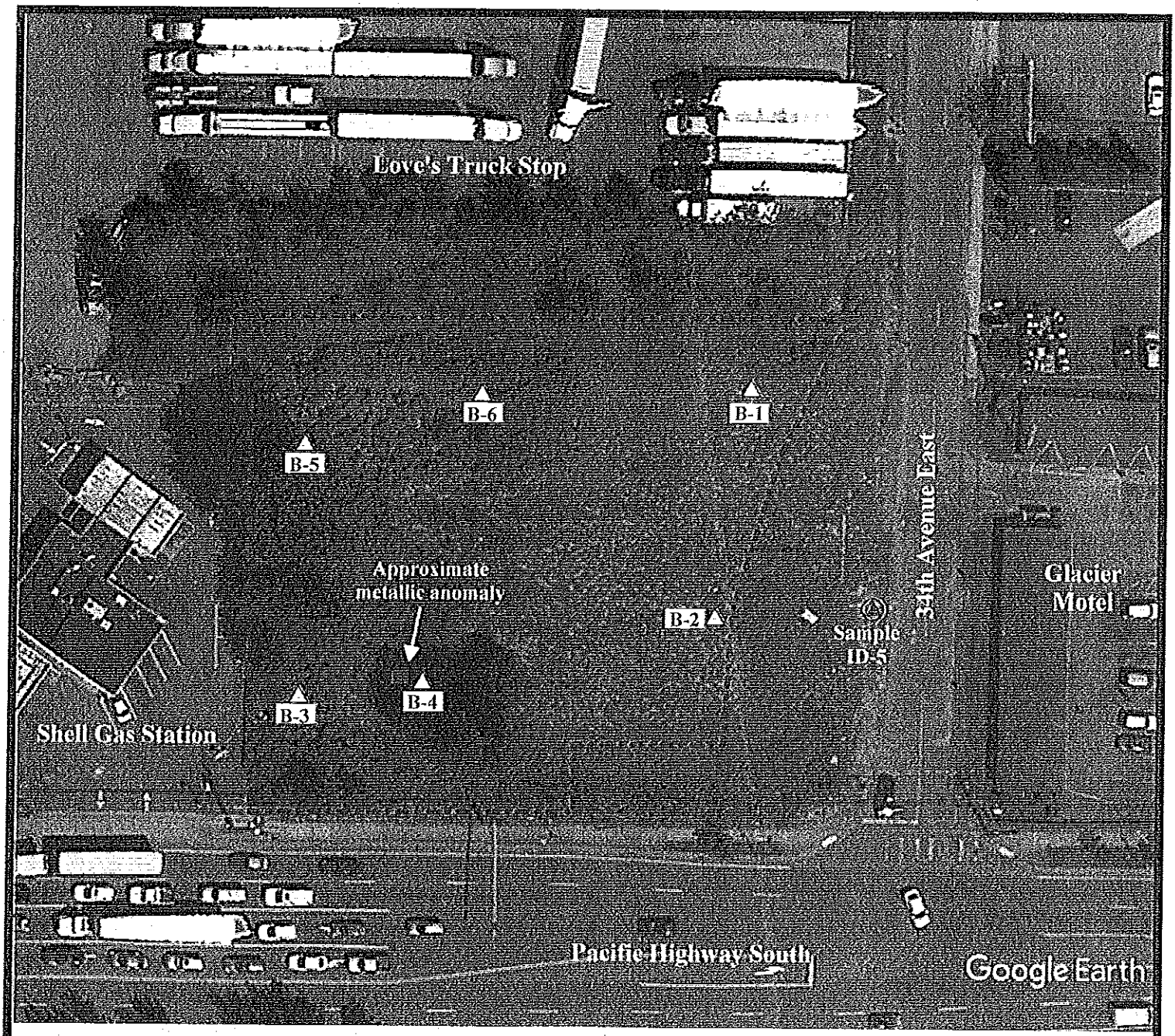

Approximate Monitoring Well Location

Approximate Boring Location

Approximate Site Boundary

Inferred Approximate Direction of Regional Groundwater Flow at Subject

N

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

SITE PLAN

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:		Plate:
JN 36173-2	October 2017		2

BORING B1

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5	Screen 10 to 20 feet bgs	Moist		SM	Brown silt/sand, moist, no odors or discolorations PID=0
		Wet		SP	Brown sand, wet, no odor or discoloration PID=0
10					
15		Moist		SM	Brown silty sand and wood debris, moist, organic odor PID=0
20		Dry		SM	Brown silty sand, dry, no odor or discoloration PID=0
					Boring terminated at 20 feet below grade on October 9, 2017.
25					
30					
35					
40					

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B1

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	3

BORING B2

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5		Dry		OL	Brown/grey silt and clay, dry, no odors or discolorations PID=1.6
		Wet		SP	Grey sand, wet, organic odor PID=0.7
10	Screen 10 to 20 feet bgs				
		Moist		SM	Grey silty sand, moist, no odor or discoloration PID=0.3
15					
		Moist		SP	Grey sand, moist, no odor or discoloration PID=10.8
20					Boring terminated at 20 feet below grade on October 9, 2017.
25					
30					
35					
40					

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B2

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	4

BORING B3

Depth Sample	Well Design	Measured Water Table	Blows / Foot	USCS	DESCRIPTION
0		Dry		SM	Brown silty/sand and gravels; plant debris; dry; no odors or discolorations PID=0.1
5		Water recovered			Static Water Level (SWL at approximately 5 feet bgs)
		Damp		OL	Brown silt; plant debris; damp; organic odor PID=1.3
10	Bentonite Chips				Wood debris
15		Moist		SM	Brown sand; silt; moist; no odor or discoloration PID=0
		Moist		SP	Brown/grey sand; moist; no odor or discoloration PID=0
20					
25					Boring initially terminated at 20 feet below grade, then further extended to 25 feet below grade on October 6, 2017. SWL stabilized at approximately 5 feet bgs.
30					
35					
40					

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B3

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 16173-2	October 2017	RAZ	4

BORING B4

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5	Screen 5 to 25 feet bgs	Dry Water recovered		SM	Brown/grey silty sand and plant debris, dry, no odors or discolorations PID=0.1 Static Water Level (SWL) at approximately 6.5 feet bgs
10		Damp		SM	Grey silty sand, moist, organic odor PID=0
15		Moist		SP	Grey sand, moist, organic odor PID=0
20		Moist		SP	Grey sand, moist, organic odor PID=0
25					Boring terminated at 25 feet below grade on October 9, 2017. SWL stabilized at approximately 6.5 feet bgs.
30					
35					
40					

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B4

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	6

BORING B5

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5		Dry Water recovered		SM	Brown/grey silty sand, dry, no odors or discolorations PID=0 Static Water Level (SWL) at approximately 6.5 feet bgs
10	Screen 5 to 25 feet bgs				Loose material - no recovery
		Damp		SP	Grey/brown sand, damp, no odors or discolorations PID=0
15					
20		Damp		SP	Grey sand, damp, no odors or discolorations PID=0
25					Boring terminated at 25 feet below grade on October 9, 2017. SWL stabilized at approximately 6.5 feet bgs.
30					
35					
40					

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B5

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	7

BORING B6

Depth/ Sample	Well Design	Moisture/ Water Table	Blows / Foot	USCS	DESCRIPTION
0					
5	Screen 5 to 25 feet bgs	Dry Water recovered		SM	Brown/grey silty sand, dry, no odors or discolorations PID=0 Static Water Level (SWL) at approximately 6.5 feet bgs
10					Loose material - no recovery
15		Damp		SP	Grey/brown sand, damp, no odors or discolorations PID=0
20		Damp		SP	Grey sand, damp, no odors or discolorations PID=0
25					Boring terminated at 25 feet below grade on October 9, 2017. SWL stabilized at approximately 6.5 feet bgs.
30					
35					
40					

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

Boring: B6

Vacant Property
3309 Pacific Highway East
Fife, Washington

Job Number:	Date:	Logged by:	Plate:
JN 36173-2	October 2017	EAZ	8

TABLE 1 - Petroleum Hydrocarbons and BTEX - Soil Sampling Results
All results and limits in parts per million (ppm)

Strataprobe Boring	Gasoline (TPH)	Diesel	Heavy Oil	Benzene	Toluene	Ethylbenzene	Total Xylenes
B1-8.5 @ 8.5' BGS	ND	ND	ND	ND	ND	ND	ND
B2-20 @ 20' BGS	ND	ND	ND	ND	ND	ND	ND
B3-5 @ 5' BGS	ND	ND	ND	ND	ND	ND	ND
B4-9 @ 9' BGS	ND	ND	ND	ND	ND	ND	ND
B5-13 @ 13' BGS	ND	ND	ND	ND	ND	ND	ND
B6-19 @ 19' BGS	ND	ND	ND	ND	ND	ND	ND
Reporting Limit [3]	10	50	100	0.02	0.05	0.05	0.15
WDOE Target Compliance Level[4]	**30 or 100 [5]**	**2000**	**2000**	**0.03**	**7**	**6**	**9**

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Soil samples were field screened using a GasTech combustible gas meter to measure the concentration of combustible gas, such as petroleum VOCs. Headspace VOC concentrations were measured after placing the soil sample in a sealed plastic bag and allowing soil and air inside the bag to equilibrate.
5- The MTCA gasoline TPH cleanup level is 30 ppm for soils with benzene otherwise it is 100 ppm.

Bold and Italics denotes concentrations above MTCA Method A soil cleanup levels.

BGS - Below ground surface.

TABLE 2- Petroleum Hydrocarbons and BTEX- Groundwater Sampling Results
All results and limits in parts per billion (ppb)

Strataprobe Boring	Gasoline (TPH)	Diesel (TPH)	Heavy Oil (TPH)	Benzene	Toluene	Ethylbenzene	Total Xylenes
B1-Water	ND	ND	ND	ND	ND	ND	ND
B2-Water	ND	ND	ND	ND	ND	ND	ND
B3-Water	ND	ND	ND	ND	ND	ND	ND
B4-Water	ND	ND	ND	ND	ND	ND	ND
B5-Water	ND	ND	ND	ND	ND	ND	ND
B6-Water	ND	ND	ND	ND	ND	ND	ND
Reporting Limit [3]	100	100	250	1	1	1	3
MTCA-Method-A Cleanup Levels[4]	**800 or 1000[5]**	**500**	**500**	**5**	**1000**	**700**	**1000**

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A groundwater cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.
5- The MTCA gasoline TPH cleanup level is 800 ppb for groundwater with benzene. Otherwise, the cleanup level is 1000 ppb.

Bold and Italics denotes concentrations above existing or proposed MTCA Method A groundwater cleanup levels.

TABLE 3- VOCs - Groundwater Sampling Results
All results and limits in parts per billion (ppb)

Boring	Tetrachloroethene (PCE)	Trichloroethene (TCE)	(cis) 1,2 Dichloroethene	(trans) 1,2 Dichloroethene	Vinyl Chloride
B1-Water	ND	ND	ND	ND	ND
B2-Water	ND	ND	ND	ND	ND
B3-Water	ND	ND	ND	ND	ND
B4-Water	ND	ND	ND	ND	ND
B5-Water	ND	ND	ND	ND	ND
B6-Water	ND	ND	ND	ND	ND
Reporting Limit [3]	1	1	1	1	0.2
Existing Cleanup Level[4]	5 (A)	5 (A)	16 (B)	160 (B)	0.2 (A)

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A or B groundwater cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC, amended May 2014.

Bold and Italics denotes concentrations above existing MTCA Method A groundwater cleanup levels.

TABLE 4 - MTCA-5 Dissolved Metals - Groundwater Sampling Results
All results and limits in parts per billion (ppb)

Sample Location	Arsenic	Cadmium	Chromium	Lead	Mercury
B1-Water	***5.5***	ND	ND	ND	ND
B2-Water	3.2	ND	ND	ND	ND
B5-Water	***7.4***	ND	ND	ND	ND
Reporting Limit [3]	2	2	10	2	1
Existing Cleanup Level[4]	5 (A)	5 (A)	50 (A)	15 (A)	2 (A)

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A or B cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.

Bold and Italics denotes concentrations above existing MTCA Method A soil cleanup levels.

TABLE 5- Arsenic - Soil Sampling Results All results and limits in parts per million

Sample Name	Arsenic
B1-8.5 @ 8.5' BGS	ND
B2-20 @ 20' BGS	ND
B5-13 @ 13' BGS	ND
Reporting Limit [3]	5
WDOE-Method-A Cleanup Level (unrestricted land use)	20

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A or B cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.

Bold and Italics denotes concentrations above existing MTCA Method A soil cleanup levels.

TABLE 6 - Select VOCs and APH - Soil Vapor Sampling Results
All results and limits in micro-grams per cubic meter (ug/M³)

Sample Name	Location & Depth	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Acetone	Propene	1,3-Butadiene	Benzene	Toluene	Ethylbenzene	Xylenes (m,p)	Xylenes (o)	Naphthalene	APH EC5-8 Aliphatics	APH EC9-12 Aliphatics	APH EC9-10 Aromatics
B-6	B-6 @ 5 foot below ground surface	<1.7	<1.3	1500.00	17.00	2.00	1.90	10	9.1	51	26	<1.3	1,100	600	<120
	WDOE - Soil Gas Screening Levels[4]	321	12.3	NA	NA	2.78	10.7	76,200	15,200	1,520	1,520	2.45	90,000	4,700	6,000

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" Not applicable.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4 - Soil gas screening level that concentrations in the soil gas just beneath a building expected to not result in exceedance of the air cleanup level in the overlying structure, per the WDOE's Guidance For Evaluating Soil Vapor Intrusion - (April, 2015).

Bold and Italics indicate concentrations of soil vapor that exceed the WDOE soil gas screening level and/or concentrations that exceed the WDOE Standard Method-B Air Target Compliance Levels.

APPENDIX A

Lab Reports

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Eric Zuem - Environmental Associates, Inc
ADDRESS: 1380-112th ave NE, #300 Bellevue, WA 98004
PHONE: 425-455-9025 FAX: 425-455-2316
CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zuem

DATE: 10-9-17 PAGE 1 OF 2
PROJECT NAME: Vacant lot
LOCATION: Fife - 3309 Pac. Hwy E.
COLLECTOR: Eric Zuem DATE OF COLLECTION: 10-9-17

	Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	NOTES	Total Number of Containers	Laboratory Note Number
1.	B1-5	5'	8:30	Soil																					
2.	B1-8.5	8.5	8:35	↓			X	X	X															3	
3.	B1-15	15'	8:40	↓																				3	
4.	B1-20	20'	8:45	↓																				3	
5.	B1-water	15-16'	9:00	Water			X	X	X		X					X								3	
6.	B2-5	5'	~~9:15~~	Soil																			NW dissolved metals	4	
7.	B2-9.5	9.5'	9:15	↓																				3	
8.	B2-15	15'	9:20	↓																				3	
9.	B2-20	20'	9:25	↓			X	X	X															3	
10.	B2-water	15-20'	10:05	Water			X	X	X		X					X								3	
11.	B3-5	5'	10:30	Soil			X	X	X														NW dissolved metals	4	
12.	B3-7.5	7.5	10:35	↓																				3	
13.	B3-15	15'	10:40	↓																				3	
14.	B3-19	19'	10:45	↓																				3	
15.	B3water	5-8'	11:05	Water			X	X	X		X													3	
16.	B4-5	5'	11:40	Soil																				4	
17.	B4-9	9'	11:45	↓			X	X	X															3	
18.	B4-15	15'	11:50	↓																				3	

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:10	Cole Pickering	10-9-17 2:10
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	83
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:
Call Eric for billing

Turn Around Time: 24 HR 48 HR 5 DAY

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: EAI - Eric Zwem
ADDRESS:
PHONE: FAX:
CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zwem

DATE: 10-9-17 PAGE 2 OF 2
PROJECT NAME: Vacant Lot
LOCATION: Fife - 3309 Pac Hwy E.
COLLECTOR: Eric Zwem DATE OF COLLECTION: 10-9-17

Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	NOTES	Total Number of Containers	Laboratory Note Number
1. B4-19	19'	11:55	Soil																				3	
2. B4-water	7-10'	12:05	Water			X	X	X		X													4	
3. B5-5	5'	12:30	Soil																				3	
4. B5-13	13'	12:35	↓			X	X	X															3	
5. B5-20	20'	12:40	↓																				3	
6. B5-water	5-6'	12:50	Water			X	X	X		X					X							no dissolved metals	4	
7. B6-5	5'	1:20	Soil																				3	
8. B6-10	10'	1:23	↓																				3	
9. B6-15	15'	1:26	↓																				3	
10. B6-19	19'	1:30	↓			X	X	X															3	
11. B6-water	5-6'	1:40	Water			X	X	X		X													4	
12.																								
13.																								
14.																								
15.																								
16.																								
17.																								
18.																								

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:40	Gil Pickering	10-9-17 2:40
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	93
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Call Eric for billing.

Turn Around Time: 24 HR 48 HR (5 DAY)

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx Extended

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	10/10/2017	10/10/2017	96	nd	nd
LCS	10/10/2017	10/10/2017	117	78%	---
B1-8.5	10/10/2017	10/10/2017	117	nd	nd
B1-8.5 Duplicate	10/10/2017	10/10/2017	84	nd	nd
B2-20	10/10/2017	10/10/2017	110	nd	nd
B3-5	10/10/2017	10/10/2017	87	nd	nd
B4-9	10/10/2017	10/10/2017	80	nd	nd
B5-13	10/10/2017	10/10/2017	88	nd	nd
B6-19	10/10/2017	10/10/2017	66	nd	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Water by Method NWTPH-Dx Extended

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (ug/L)	Lube Oil Range Organics (ug/L)
Method Blank	10/11/2017	10/11/2017	141	nd	nd
LCS	10/11/2017	10/11/2017	149	84%	---
B1-Water	10/11/2017	10/11/2017	147	nd	nd
B2-Water	10/11/2017	10/11/2017	123	nd	nd
B3-Water	10/11/2017	10/11/2017	110	nd	nd
B4-Water	10/11/2017	10/11/2017	112	nd	nd
B5-Water	10/11/2017	10/11/2017	125	nd	nd
B6-Water	10/11/2017	10/11/2017	111	nd	nd
Reporting Limits				100	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Associates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	10/16/2017	10/16/2017	nd	nd	nd	nd	nd	96
LCS	10/16/2017	10/16/2017	114%	115%	117%	107%	121%	98
LCSD	10/16/2017	10/16/2017	nd	nd	nd	nd	nd	98
B1-8.5	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	96
B2-20	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	103
B3-5	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	96
B4-9	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	102
B5-13	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	102
B6-19	10/9/2017	10/16/2017	nd	nd	nd	nd	nd	101
Reporting Limits			0.02	0.05	0.05	0.15	10	

"---" Indicates not tested for component.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromofluorobenzene) & LCS : 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Water by Method NWTPH-Gx/8260

Sample Number	Date Analyzed	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Gasoline Range Organics (ug/L)	Surrogate Recovery (%)
Method Blank	10/13/2017	nd	nd	nd	nd	nd	101
LCS	10/13/2017	90%	91%	93%	86%	115%	107
LCSD	10/13/2017	75%	74%	75%	70%	---	97
B1-Water	10/13/2017	nd	nd	nd	nd	nd	97
B2-Water	10/13/2017	nd	nd	nd	nd	nd	98
B3-Water	10/13/2017	nd	nd	nd	nd	nd	107
B4-Water	10/13/2017	nd	nd	nd	nd	nd	102
B5-Water	10/13/2017	nd	nd	nd	nd	nd	104
B6-Water	10/13/2017	nd	nd	nd	nd	nd	103
Reporting Limits		1.0	1.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Bromoflurorbenzene) & LCS: 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Volatile Organic Compounds in Water by Method 8260C/5030C

Analytical Results

	RL	MB	LCS	LCSD	B1-Water	B2-Water	B3-Water	B4-Water	B5-Water	B6-Water
Date analyzed	(ug/L)	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17
Dichlorodifluoromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Chloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Vinyl chloride	0.2	nd	117%	95%	nd	nd	nd	nd	nd	nd
Bromomethane	1.0	nd			nd	nd	nd	nd	nd	nd
Chloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
Trichlorofluoromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Acetone	10.0	nd			nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	1.0	nd	110%	93%	nd	nd	nd	nd	nd	nd
Methylene chloride	1.0	nd			nd	nd	nd	nd	nd	nd
Methyl-t-butyl ether (MTBE)	1.0	nd			nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd			nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
2-Butanone (MEK)	10.0	nd			nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	1.0	nd			nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
Chloroform	1.0	nd	81%	73%	nd	nd	nd	nd	nd	nd
Bromochloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd			nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd			nd	nd	nd	nd	nd	nd
Carbon tetrachloride	1.0	nd			nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	90%	75%	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	93%	77%	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd	94%	80%	nd	nd	nd	nd	nd	nd
Dibromomethane	1.0	nd			nd	nd	nd	nd	nd	nd
Bromodichloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
4-Methyl-2-pentanone (MIBK)	1.0	nd			nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	1.0	nd			nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	91%	74%	nd	nd	nd	nd	nd	nd
trans-1,3-Dichloropropene	1.0	nd			nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
2-Hexanone	1.0	nd			nd	nd	nd	nd	nd	nd
1,3-Dichloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
Dibromochloromethane	1.0	nd			nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	95%	73%	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB)	1.0	nd			nd	nd	nd	nd	nd	nd
Chlorobenzene	1.0	nd	92%	74%	nd	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	93%	75%	nd	nd	nd	nd	nd	nd
Xylenes	3.0	nd	86%	70%	nd	nd	nd	nd	nd	nd
Styrene	1.0	nd			nd	nd	nd	nd	nd	nd
Bromoform	1.0	nd			nd	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd			nd	nd	nd	nd	nd	nd
Isopropylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,3-Trichloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
Bromobenzene	1.0	nd			nd	nd	nd	nd	nd	nd

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Assocuates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Volatile Organic Compounds in Water by Method 8260C/5030C

Analytical Results

	RL	MB	LCS	LCSD	B1-Water	B2-Water	B3-Water	B4-Water	B5-Water	B6-Water
Date analyzed	(ug/L)	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17	10/13/17
n-Propylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
2-Chlorotoluene	1.0	nd			nd	nd	nd	nd	nd	nd
4-Chlorotoluene	1.0	nd			nd	nd	nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
tert-Butylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,4-Trimethylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
sec-Butylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
Isopropyltoluene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
n-Butylbenzene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2-Dibromo-3-Chloropropane	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,4-Trichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
Naphthalene	1.0	nd			nd	nd	nd	nd	nd	nd
Hexachloro-1,3-butadiene	1.0	nd			nd	nd	nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd			nd	nd	nd	nd	nd	nd
Surrogate recoveries										
Dibromofluoromethane		78%	90%	95%	81%	79%	99%	105%	99%	95%
Toluene-d8		97%	99%	101%	95%	95%	100%	97%	95%	95%
4-Bromofluorobenzene		101%	107%	97%	97%	98%	107%	102%	104%	103%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Associates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Dissolved Metals in Water by EPA-6020 Method

Sample Number	Date Analyzed	Lead (Pb) (ug/L)	Cadmium (Cd) (ug/L)	Chromium (Cr) (ug/L)	Arsenic (As) (ug/L)	Mercury (Hg) (ug/L)
Method Blank	10/12/2017	nd	nd	nd	nd	nd
B1-Water	10/12/2017	nd	nd	nd	5.5	nd
B2-Water	10/12/2017	nd	nd	nd	3.2	nd
B5-Water	10/12/2017	nd	nd	nd	7.4	nd
Reporting Limits		2.0	2.0	10	2.0	1.0

"nd" Indicates not detected at listed detection limits.

QA/QC Data - Dissolved Metals EPA-6020

	Laboratory Control Sample			Laboratory Control Sample Duplicate			RPD
	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	(%)
Lead	20.0	19.0	95.0	20.0	18.9	94.5	0.53
Cadmium	20.0	18.5	92.5	20.0	18.8	94.0	1.61
Chromium	20.0	16.4	82.0	20.0	16.9	84.5	3.00
Arsenic	20.0	17.8	89.0	20.0	18.4	92.0	3.31
Mercury	2.00	1.99	99.5	2.00	2.00	100	0.50

ACCEPTABLE RECOVERY LIMITS FOR LABORATORY CONTROL SAMPLES: 80%-120%
ACCEPTABLE RPD IS 20%

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: Eric Zuem - Environmental Associates, Inc.
ADDRESS: 1380-112th ave NE, #300 Bellevue, WA 98004
PHONE: 425-455-9025 FAX: 425-455-2316
CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zuem

DATE: 10-9-17 PAGE 1 OF 2
PROJECT NAME: Vacant lot
LOCATION: Fife - 3309 Pac. Hwy E.
COLLECTOR: Eric Zuem DATE OF COLLECTION: 10-9-17

Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	W/O Suite	As	NOTES	Total Number of Containers	Laboratory Note Number
1. B1-5	5'	8:30	Soil																						
2. B1-8.5	8.5'	8:35	↓			X	X	X																3	
3. B1-15	15'	8:40																			(X)			3	
4. B1-20	20'	8:45	↓																					3	
5. B1-water	15-16'	9:00	Water			X	X	X		X					X									3	
6. B2-5	5'	~~9:10~~	Soil																				non dissolved metals	4	
7. B2-9.5	9.5'	9:15	↓																					3	
8. B2-15	15'	9:20																						3	
9. B2-20	20'	9:25	↓			X	X	X																3	
10. B2-water	16-20'	10:05	Water			X	X	X		X					X						(X)			3	
11. B3-5	5'	10:30	Soil			X	X	X															non dissolved metals	4	
12. B3-7.5	7.5	10:35	↓																					3	
13. B3-15	15'	10:40	↓																					3	
14. B3-19	19'	10:45	↓																					3	
15. B3water	5-8'	11:15	Water			X	X	X		X														3	
16. B4-5	5'	11:40	Soil																					4	
17. B4-9	9'	11:45	↓			X	X	X																3	
18. B4-15	15'	11:50	↓																					3	
																								3	

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:10	Cole Pickering	10-9-17 2:10
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	93
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Call Eric for billing

Turn Around Time: 24 HR 48 HR (5 DAY)

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST, INC. | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: EAE - Eric Zuem

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: 36173-2 PROJECT MANAGER: Eric Zuem

DATE: 10-9-17 PAGE 2 OF 2

PROJECT NAME: Vacant Lot

LOCATION: Fife - 3309 Pacific Hwy E.

COLLECTOR: Eric Zuem DATE OF COLLECTION: 10-9-17

Sample Number	Depth	Time	Sample Type	Container Type	TPH - HCID	TPH - Diesel & Oil	TPH - Gasoline	BTEX	VOC 8260CL	VOC 8260	SemiVol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8081	RCRA 8 Metals	MTCA 5 Metals	Pb	Asbestos - PLM	GRO Suite	DRO Suite	WO Suite	As	NOTES	Total Number of Containers	Laboratory Note Number
1. B4-19	19'	11:53	Soil																						
2. B4-water	7-10'	12:05	Water		X	X	X		X															3	
3. B5-5	5'	12:30	Soil																					4	
4. B5-13	13'	12:35	↓		X	X	X																	3	
5. B5-20	20'	12:40	↓																		X			3	
6. B5-water	5-6'	12:50	Water		X	X	X		X						X									3	
7. B6-5	5'	1:20	Soil																				run dissolved metals	4	
8. B6-10	10'	1:23	↓																					3	
9. B6-15	15'	1:26	↓																					3	
10. B6-19	19'	1:30	↓		X	X	X																	3	
11. B6-water	5-6'	1:40	Water		X	X	X		X															3	
12.																								4	
13.																									
14.																									
15.																									
16.																									
17.																									
18.																									

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	10-9-17 2:10	Eric Pickering	10-9-17 2:10
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	93
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Call Eric for billing.

Turn Around Time: 24 HR 48 HR / 5 DAY

1210 Eastside Street SE, Suite 200
Olympia, Washington 98501
Phone: 360-459-4670
Fax: 360-459-3432
Website: www.esnnw.com
E-Mail: info@esnnw.com

ESN NORTHWEST CHEMISTRY LABORATORY

Environmental Associates, Inc.
PROJECT VACANT LOT
PROJECT #36173-2
Fife, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Total Arsenic in Soil by Method 6020A/3050B

Sample Number	Date Prepared	Date Analyzed	Arsenic (As) (mg/kg)
Method Blank	10/23/2017	10/24/2017	nd
B1-8.5	10/23/2017	10/24/2017	nd
B2-20	10/23/2017	10/24/2017	nd
B5-13	10/23/2017	10/24/2017	nd
Reporting Limit			5.0

"nd" Indicates not detected at listed detection limits.

QA/QC Data - Analysis of Total Metals in Soil by Method 6020A/3050B

Sample Number: QC Batch	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	(%)
Arsenic (As)	85.5	60.7	71.0M	81.0	60.5	74.7M	5.08

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Arsenic (As)	100	87.7	87.7

ACCEPTABLE RECOVERY LIMITS FOR LABORATORY CONTROL SAMPLES: 80%-120%
ACCEPTABLE RPD IS 20%
M - Matrix Spike recovery failed due to matrix interference.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

October 24, 2017

Eric Zuern, Project Manager
Environmental Associates, Inc.
1380 112th Ave. NE, 300
Bellevue, WA 98004

Dear Mr Zuern:

Included are the results from the testing of material submitted on October 11, 2017 from the Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256 project. There are 9 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
EAI1024R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 11, 2017 by Friedman & Bruya, Inc. from the Environmental Associates Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Environmental Associates
710256 -01	B-6

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	B-6	Client:	Environmental Associates
Date Received:	10/11/17	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	10/09/17	Lab ID:	710256-01 1/2.5
Date Analyzed:	10/19/17	Data File:	101911.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	1,100
APH EC9-12 aliphatics	600
APH EC9-10 aromatics	<120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method MA-APH

Client Sample ID:	Method Blank	Client:	Environmental Associates
Date Received:	Not Applicable	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	Not Applicable	Lab ID:	07-2328 mb
Date Analyzed:	10/19/17	Data File:	101906.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	97	70	130

Compounds:	Concentration ug/m3
APH EC5-8 aliphatics	<46
APH EC9-12 aliphatics	<70
APH EC9-10 aromatics	<50

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	B-6	Client:	Environmental Associates
Date Received:	10/11/17	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	10/09/17	Lab ID:	710256-01 1/2.5
Date Analyzed:	10/19/17	Data File:	101911.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	91	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Chlorodifluoromethane	<0.88	<0.25	1-Butanol	<15	<5
Propene	17	9.8	Carbon tetrachloride	<1.6	<0.25
Dichlorodifluoromethane	2.5	0.51	Benzene	1.9	0.60
Chloromethane	<0.52	<0.25	Cyclohexane	<17	<5
F-114	<1.7	<0.25	2-Pentanone	<8.8	<2.5
Isobutene	6.8	3.0	3-Pentanone	<8.8	<2.5
Acetaldehyde	25	14	Pentanal	<8.8	<2.5
Vinyl chloride	<0.64	<0.25	1,2-Dichloropropane	<1.2	<0.25
1,3-Butadiene	2.0	0.89	1,4-Dioxane	<0.9	<0.25
Bromomethane	<0.97	<0.25	Bromodichloromethane	<1.7	<0.25
Chloroethane	<0.66	<0.25	Trichloroethene	<1.3	<0.25
Ethanol	<19	<10	cis-1,3-Dichloropropene	<1.1	<0.25
Acetonitrile	<4.2	<2.5	4-Methyl-2-pentanone	<10	<2.5
Acrolein	<2.3	<1	trans-1,3-Dichloropropene	<1.1	<0.25
Acrylonitrile	<0.54	<0.25	Toluene	10	2.8
Pentane	<7.4	<2.5	1,1,2-Trichloroethane	<1.4	<0.25
Trichlorofluoromethane	1.5	0.26	3-Hexanone	<10	<2.5
Acetone	1,500 ve	640 ve	2-Hexanone	<10	<2.5
2-Propanol	<22	<8.7	Hexanal	<10	<2.5
Isoprene	0.96	0.34	Tetrachloroethene	<1.7	<0.25
Iodomethane	<1.5	<0.25	Dibromochloromethane	<2.1	<0.25
1,1-Dichloroethene	<0.99	<0.25	1,2-Dibromoethane (EDB)	<1.9	<0.25
Methacrolein	<7.2	<2.5	Chlorobenzene	<1.2	<0.25
trans-1,2-Dichloroethene	<0.99	<0.25	Ethylbenzene	9.1	2.1
Cyclopentane	<0.72	<0.25	1,1,2,2-Tetrachloroethane	<1.7	<0.25
Methyl vinyl ketone	<2.9	<1	m,p-Xylene	51	12
Butanal	<7.4	<2.5	o-Xylene	26	6.0
Methylene chloride	<220	<62	Styrene	<2.1	<0.5
CFC-113	<1.9	<0.25	Bromoform	<5.2	<0.5
Carbon disulfide	<16	<5	Benzyl chloride	<1.3	<0.25
Methyl t-butyl ether	<4.5	<1.2	1,3,5-Trimethylbenzene	<6.1	<1.2
Vinyl acetate	<18	<5	1,2,4-Trimethylbenzene	<6.1	<1.2
1,1-Dichloroethane	<1	<0.25	1,3-Dichlorobenzene	<3	<0.5
cis-1,2-Dichloroethene	<0.99	<0.25	1,4-Dichlorobenzene	<1.5	<0.25
Hexane	<8.8	<2.5	1,2,3-Trimethylbenzene	<6.1	<1.2
Chloroform	<1.2	<0.25	1,2-Dichlorobenzene	<3	<0.5
2-Butanone (MEK)	<7.4	<2.5	1,2,4-Trichlorobenzene	<1.9	<0.25
1,2-Dichloroethane (EDC)	<1	<0.25	Naphthalene	<1.3	<0.25
1,1,1-Trichloroethane	<1.4	<0.25	Hexachlorobutadiene	<2.7	<0.25

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	Environmental Associates
Date Received:	Not Applicable	Project:	Vacant Prop 3309 Pacific Hwy E Fife
Date Collected:	Not Applicable	Lab ID:	07-2328 mb
Date Analyzed:	10/19/17	Data File:	101906.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	MP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration ug/m3	Concentration ppbv	Compounds:	Concentration ug/m3	Concentration ppbv
Chlorodifluoromethane	<0.35	<0.1	1-Butanol	<6.1	<2
Propene	<0.69	<0.4	Carbon tetrachloride	<0.63	<0.1
Dichlorodifluoromethane	<0.49	<0.1	Benzene	<0.32	<0.1
Chloromethane	<0.21	<0.1	Cyclohexane	<6.9	<2
F-114	<0.7	<0.1	2-Pentanone	<3.5	<1
Isobutene	<0.92	<0.4	3-Pentanone	<3.5	<1
Acetaldehyde	<9	<5	Pentanal	<3.5	<1
Vinyl chloride	<0.26	<0.1	1,2-Dichloropropane	<0.46	<0.1
1,3-Butadiene	<0.22	<0.1	1,4-Dioxane	<0.36	<0.1
Bromomethane	<0.39	<0.1	Bromodichloromethane	<0.67	<0.1
Chloroethane	<0.26	<0.1	Trichloroethene	<0.54	<0.1
Ethanol	<7.5	<4	cis-1,3-Dichloropropene	<0.45	<0.1
Acetonitrile	<1.7	<1	4-Methyl-2-pentanone	<4.1	<1
Acrolein	<0.92	<0.4	trans-1,3-Dichloropropene	<0.45	<0.1
Acrylonitrile	<0.22	<0.1	Toluene	<0.38	<0.1
Pentane	<3	<1	1,1,2-Trichloroethane	<0.55	<0.1
Trichlorofluoromethane	<0.56	<0.1	3-Hexanone	<4.1	<1
Acetone	<4.8	<2	2-Hexanone	<4.1	<1
2-Propanol	<8.6	<3.5	Hexanal	<4.1	<1
Isoprene	<0.28	<0.1	Tetrachloroethene	<0.68	<0.1
Iodomethane	<0.58	<0.1	Dibromochloromethane	<0.85	<0.1
1,1-Dichloroethene	<0.4	<0.1	1,2-Dibromoethane (EDB)	<0.77	<0.1
Methacrolein	<2.9	<1	Chlorobenzene	<0.46	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1	Ethylbenzene	<0.43	<0.1
Cyclopentane	<0.29	<0.1	1,1,2,2-Tetrachloroethane	<0.69	<0.1
Methyl vinyl ketone	<1.1	<0.4	m,p-Xylene	<0.87	<0.2
Butanal	<2.9	<1	o-Xylene	<0.43	<0.1
Methylene chloride	<87	<25	Styrene	<0.85	<0.2
CFC-113	<0.77	<0.1	Bromoform	<2.1	<0.2
Carbon disulfide	<6.2	<2	Benzyl chloride	<0.52	<0.1
Methyl t-butyl ether	<1.8	<0.5	1,3,5-Trimethylbenzene	<2.5	<0.5
Vinyl acetate	<7	<2	1,2,4-Trimethylbenzene	<2.5	<0.5
1,1-Dichloroethane	<0.4	<0.1	1,3-Dichlorobenzene	<1.2	<0.2
cis-1,2-Dichloroethene	<0.4	<0.1	1,4-Dichlorobenzene	<0.6	<0.1
Hexane	<3.5	<1	1,2,3-Trimethylbenzene	<2.5	<0.5
Chloroform	<0.49	<0.1	1,2-Dichlorobenzene	<1.2	<0.2
2-Butanone (MEK)	<2.9	<1	1,2,4-Trichlorobenzene	<0.74	<0.1
1,2-Dichloroethane (EDC)	<0.4	<0.1	Naphthalene	<0.52	<0.1
1,1,1-Trichloroethane	<0.55	<0.1	Hexachlorobutadiene	<1.1	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/24/17
Date Received: 10/11/17
Project: Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD APH

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
APH EC5-8 aliphatics	ug/m3	230	87	70-130
APH EC9-12 aliphatics	ug/m3	350	96	70-130
APH EC9-10 aromatics	ug/m3	251	102	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/24/17
Date Received: 10/11/17
Project: Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chlorodifluoromethane	ppbv	10	92	70-130
Propene	ppbv	10	83	70-130
Dichlorodifluoromethane	ppbv	10	92	70-130
Chloromethane	ppbv	10	89	70-130
F-114	ppbv	10	90	70-130
Isobutene	ppbv	10	86	70-130
Acetaldehyde	ppbv	10	89	70-130
Vinyl chloride	ppbv	10	89	70-130
1,3-Butadiene	ppbv	10	89	70-130
Bromomethane	ppbv	10	89	70-130
Chloroethane	ppbv	10	75	70-130
Ethanol	ppbv	10	80	70-130
Acetonitrile	ppbv	10	84	70-130
Acrolein	ppbv	10	93	70-130
Acrylonitrile	ppbv	10	96	70-130
Pentane	ppbv	10	95	70-130
Trichlorofluoromethane	ppbv	10	95	70-130
Acetone	ppbv	10	85	70-130
2-Propanol	ppbv	10	101	70-130
Isoprene	ppbv	10	104	70-130
Iodomethane	ppbv	10	101	70-130
1,1-Dichloroethene	ppbv	10	99	70-130
Methacrolein	ppbv	10	99	70-130
trans-1,2-Dichloroethene	ppbv	10	102	70-130
Cyclopentane	ppbv	10	102	70-130
Methyl Vinyl Ketone	ppbv	10	87	70-130
Butanal	ppbv	10	96	70-130
Methylene chloride	ppbv	10	90	70-130
CFC-113	ppbv	10	99	70-130
Carbon disulfide	ppbv	10	98	70-130
Methyl t-butyl ether	ppbv	10	105	70-130
Vinyl acetate	ppbv	10	89	70-130
1,1-Dichloroethane	ppbv	10	99	70-130
cis-1,2-Dichloroethene	ppbv	10	102	70-130
Hexane	ppbv	10	102	70-130
Chloroform	ppbv	10	98	70-130
2-Butanone (MEK)	ppbv	10	102	70-130
1,2-Dichloroethane (EDC)	ppbv	10	99	70-130
1,1,1-Trichloroethane	ppbv	10	100	70-130
1-Butanol	ppbv	10	92	70-130
Carbon tetrachloride	ppbv	10	101	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/24/17
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Project: Vacant Prop 3309 Pacific Hwy E Fife, PO 36173-2 , F&BI 710256

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ppbv	10	104	70-130
Cyclohexane	ppbv	10	105	70-130
2-Pentanone	ppbv	10	92	70-130
3-Pentanone	ppbv	10	97	70-130
Pentanal	ppbv	10	100	70-130
1,2-Dichloropropane	ppbv	10	99	70-130
1,4-Dioxane	ppbv	10	107	70-130
Bromodichloromethane	ppbv	10	99	70-130
Trichloroethene	ppbv	10	100	70-130
cis-1,3-Dichloropropene	ppbv	10	104	70-130
4-Methyl-2-pentanone	ppbv	10	94	70-130
trans-1,3-Dichloropropene	ppbv	10	103	70-130
Toluene	ppbv	10	106	70-130
1,1,2-Trichloroethane	ppbv	10	95	70-130
3-Hexanone	ppbv	10	93	70-130
2-Hexanone	ppbv	10	93	70-130
Hexanal	ppbv	10	95	70-130
Tetrachloroethene	ppbv	10	103	70-130
Dibromochloromethane	ppbv	10	97	70-130
1,2-Dibromoethane (EDB)	ppbv	10	96	70-130
Chlorobenzene	ppbv	10	104	70-130
Ethylbenzene	ppbv	10	110	70-130
1,1,2,2-Tetrachloroethane	ppbv	10	106	70-130
m,p-Xylene	ppbv	20	116	70-130
o-Xylene	ppbv	10	119	70-130
Styrene	ppbv	10	116	70-130
Bromoform	ppbv	10	114	70-130
Benzyl chloride	ppbv	10	102	70-130
1,3,5-Trimethylbenzene	ppbv	10	106	70-130
1,2,4-Trimethylbenzene	ppbv	10	108	70-130
1,3-Dichlorobenzene	ppbv	10	105	70-130
1,4-Dichlorobenzene	ppbv	10	109	70-130
1,2,3-Trimethylbenzene	ppbv	10	102	70-130
1,2-Dichlorobenzene	ppbv	10	110	70-130
1,2,4-Trichlorobenzene	ppbv	10	104	70-130
Naphthalene	ppbv	10	106	70-130
Hexachlorobutadiene	ppbv	10	99	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inbomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

710250

SAMPLE CHAIN OF CUSTODY

ME 10/11/17

Report To Eric Zuem

Company Environmental Associates, Inc.

Address 1380 112th ave NE, Suite 300

City, State, ZIP Bellevue, WA 98004

Phone 425-455-9025 Email info@environmentalassociatesinc.com

SAMPLERS (signature)

PROJECT NAME Vacant Land 3304 Pacific Hwy E Fife

PO # 3173-2

REMARKS Bill to: David Shecar, David Shecar and Assoc. dvshecar@gmail.com

INVOICE TO

Page # 1 of 1

TURNAROUND TIME
- ☑ Standard
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☑ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

ANALYSIS REQUESTED

Sample Name	Lab ID	Canister ID	Flow Contr. ID	Date Sampled	Field Initial Press. (Hg)	Field Initial Time	Field Final Press. (Hg)	Field Final Time	TO-15 Full Scan	TO-15 BTEXN	TO-15 cVOCs	APH's	Notes
B-6	01	3673	108	10-9-17	-29	1:05	-3	1:10	X			X	
													Samples received at 20 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Eric Zuem	EAI	10-9-17	2:10
Received by: Lee Pickering	Lee Pickering	ESN	10-9-17	2:10
Relinquished by:	LOAGUE	ESN	10-10-17	1445
Received by: Nhan Phan	Nhan Phan	FEBT	10/11/17	1530

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COCTO-15.DOC

Tacoma Dome Link Extension

ATTACHMENT E

Phase I Environmental Site Assessment
TD 4435 and TD 4443
U-Haul (North Property)
704 and 716 Puyallup Avenue
Tacoma, Washington

SOUNDTRANSIT

Phase I Environmental Site Assessment
TD 4435 and TD 4443
U-Haul (North Property)
704 and 716 Puyallup Avenue
Tacoma, Washington

Prepared for

Sound Transit
Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

March 2021

CITATION

Sound Transit. 2021. Phase I Environmental Site Assessment
TD 4435 and TD 4443 U-Haul (North Property)
704 and 716 Puyallup Avenue Tacoma, WA.
Prepared by Parametrix, Seattle, Washington.
March 2021.

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by Michael Brady, LG, LHG

Approved by Rick Wadsworth, PE

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B EDR Radius Map Report

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ACRONYMS AND ABBREVIATIONS

ALLSITES	Facility/Site Information System
AQUEOUS FOAM	Firefighting Foam Incidents
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CDL	Clandestine Drug Lab Contaminated Site
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CETI	Creative Environmental Technologies Inc
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
cPAH	Carcinogenic Polyaromatic Hydrocarbons
CREC	Controlled Recognized Environmental Condition
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
ECI	ECI Environmental Services
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HIST CDL	Historical Clandestine Drug Lab Contaminated Site
HREC	Historical Recognized Environmental Conditions
HSL	Hazardous Site List
ICR	Interim Cleanup Report
INST CONTROL	Institutional Controls
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
mg/kg	Milligrams per Kilogram
MTCA	Model Toxics Control Act
NFA	No Further Action
NonGen	Non-Generator

ACRONYMS AND ABBREVIATIONS (CONTINUED)

NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
pCi/L	Picocuries per Liter
PFAS	Perfluorinated Contamination Site Location
PTAP	Pollution Liability Insurance Agency Petroleum Technical Assistance Program
REC	Recognized Environmental Conditions
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
REC	Recognized Environmental Condition
SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension
TSD	Transportation, Storage, and Disposal
ug/L	Micrograms per Liter
USGS	U. S. Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) for the Tacoma Dome Link Extension (TDLE) project in conformance with the scope and limitations of American Society of Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as Tacoma Dome (TD) properties TD 4435 and TD 4443. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located at 704 and 716 Puyallup Avenue in Tacoma, Washington, on Pierce County Parcel Identification numbers 2074280010 and 207428002. The subject property is currently owned by Amerco Real Estate Company and operated as a parking lot and drive-thru espresso stand. Monitoring wells, boreholes, and 55-gallon hazardous waste storage drums were observed on the subject property during the site reconnaissance.

The subject property was first developed industrially in the 1890s as a lumber storage yard for the Pacific Lounge and Mattress Company (Carman Manufacturing Company). A dry kiln, sawmill, oil storage, and varnishing warehouse operated on the subject property as part of the facility. Later, the western portion was redeveloped into a gasoline station, operating from 1939 through 1961. The subject property has been primarily a storage lot/parking lot from the 1960s through the present, with an espresso stand developed on the eastern portion in 2003. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is on the Washington State Department of Ecology (Ecology) Confirmed and Suspected Contaminated Sites List (CSCSL) database, Ecology Voluntary Cleanup Program (VCP) database, facility/site information (ALLSITES) database, and EDR Historical Auto Stations (EDR Hist Auto) database. The listings are related to historical releases of petroleum hydrocarbons from the prior gas station use as well as potential releases of metals related to the historical sawmill/Carman Manufacturing Company. File reviews performed for the subject property indicate soil and groundwater contamination from the subject property historical gas station release extends into the right-of-way of East G Street.

The extent of the release below the subject property and into the right-of-way does not appear to have been fully characterized. Additionally, historical uses related to the sawmill/Carman facility have not been investigated for potential releases. The historical release on and near the subject property and past use of the property are considered RECs to the subject property.

A REC was identified affecting the subject property related to the neighboring property south, which was listed on several regulatory databases. The Spring Air Northwest/Carman Manufacturing Company site is listed due to a historical release from a heating oil Underground Storage Tank (UST). Free product was previously observed below the neighboring site, with contamination migrating north and impacting the subject property. An excavation was performed removing contaminated soils and geomembrane installed to prevent further soil contamination. However, groundwater and potential vapor impacts from the release have not been characterized below the subject property.

Data Gaps

An on-site reconnaissance (within the subject property boundaries) and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to perform a Phase I Environmental Site Assessment (ESA) on the subject property located at 704 and 716 Puyallup Avenue in Tacoma, Washington (Figure 1), as part of the Tacoma Dome Light Rail Extension (TDLE) project. The subject property is identified as Tacoma Dome (TD) parcels IDs TD 4435 and TD 4443, which are on Pierce County parcel numbers 2074280010 and 2074280020. It is our understanding the subject property may be acquired by Sound Transit for the completion of the TDLE project. This Phase I ESA was conducted to support the environmental due diligence related to the acquisition.

The subject property is currently owned by the Amerco Real Estate Company and operates as a vehicle parking/storage lot and an espresso stand in Pierce County, Washington (Figure 2).

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The ESA consists of two distinct tasks: (1) a review of documents and of oral information, and (2) a site examination. Conclusions and recommendations within this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with American Society for Testing and Materials (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study. The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and, as such, constitutes "all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice" as defined by 42 U.S.C. §9601 (35)(B).

The purpose of this Phase I ESA is to identify Recognized Environmental Conditions (RECs) on or near the subject property. The term Recognized Environmental Conditions is defined in ASTM Standard E1527-13 as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a material threat of *release* to the environment. *De minimis conditions* are not *recognized environmental conditions*."

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

3/6/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Figure_1.mxd

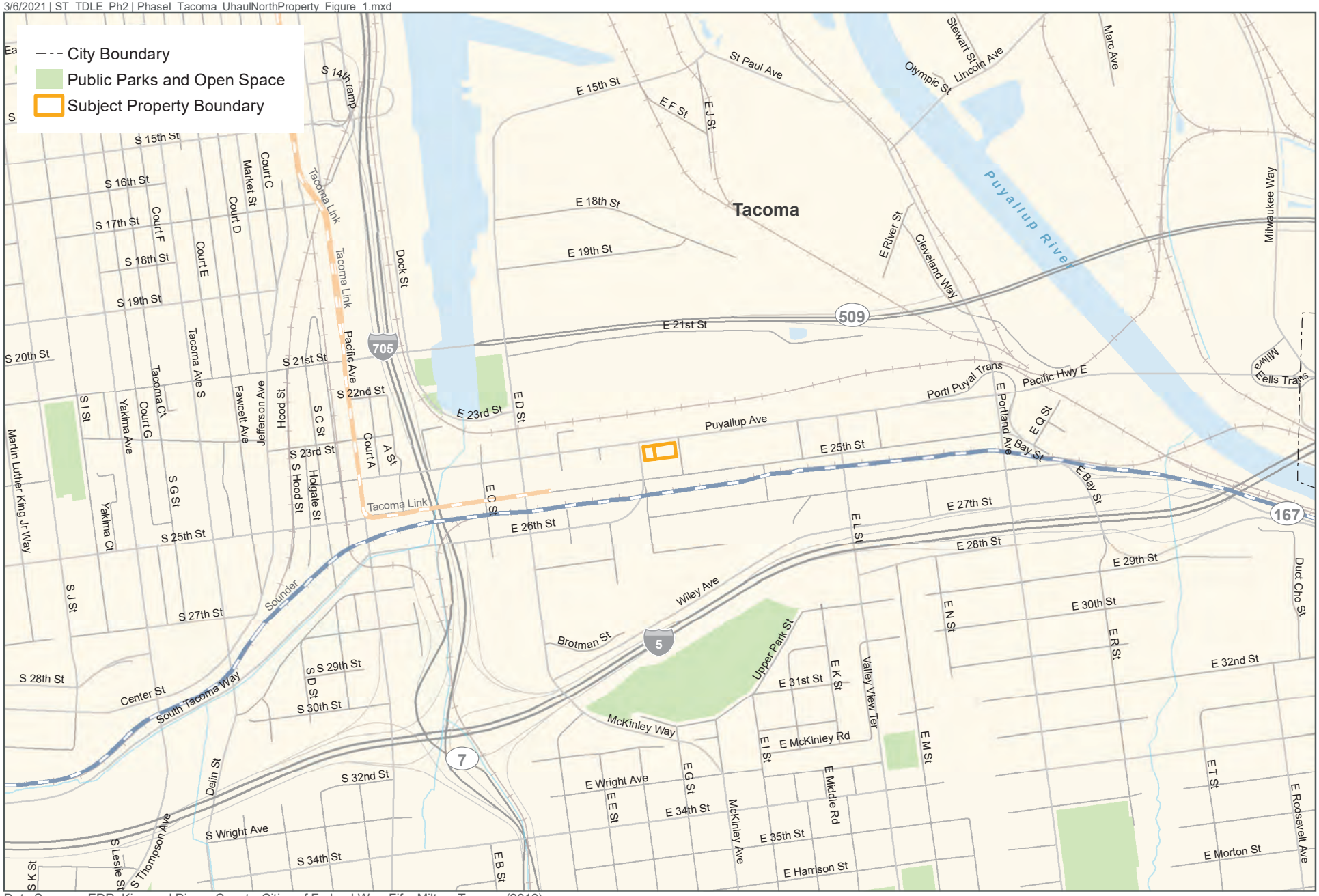

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 1
Site Vicinity Map
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/6/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Figure_2.mxd

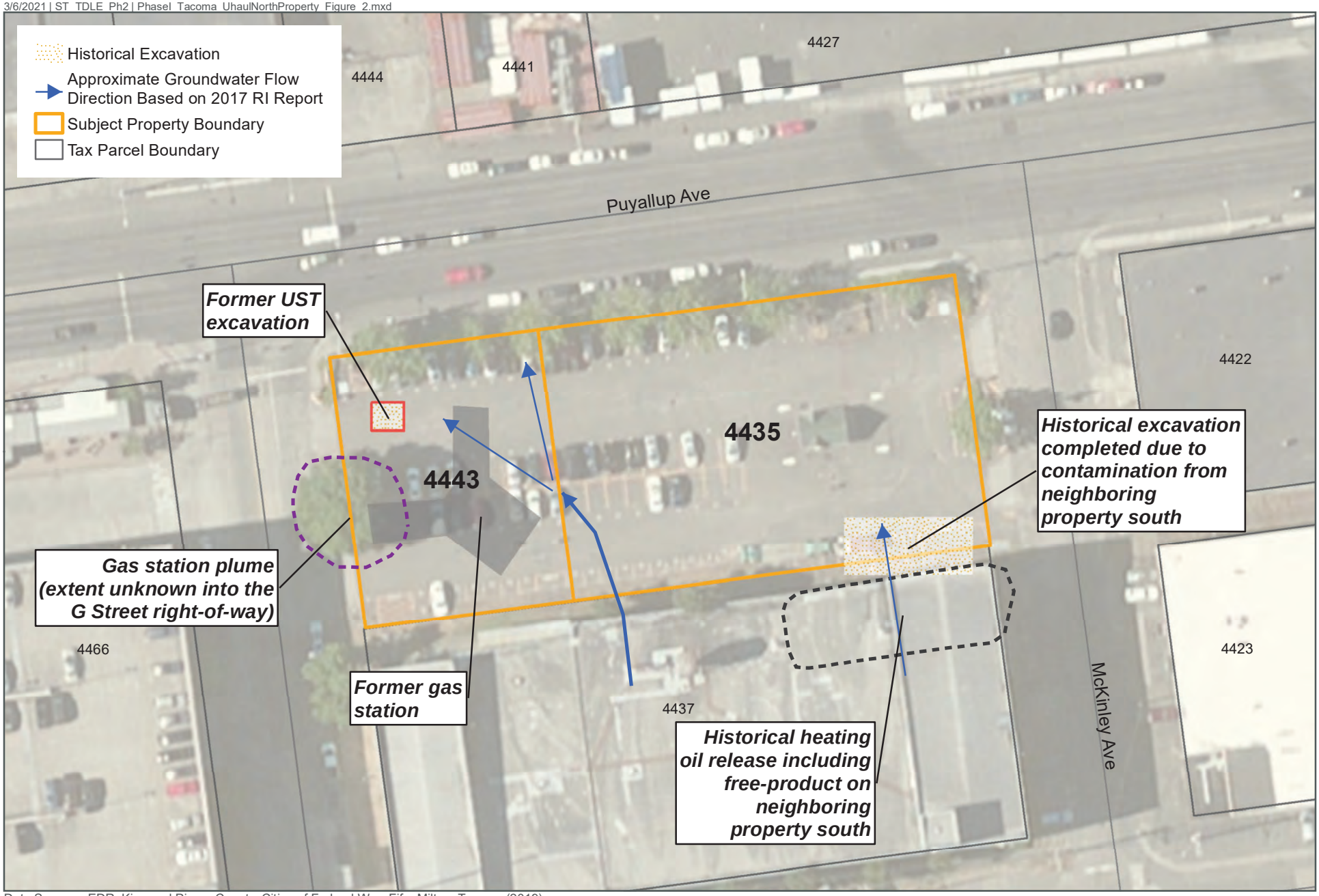

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls."

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those observed from the public right-of-way. No visual reconnaissance was possible inside the buildings on the subject property.

Unless otherwise stated, no other exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions may exist at the site but were not detected at the time of the investigation.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

2.1 Location

The subject property is located at 704 and 716 Puyallup Avenue in Tacoma, Washington, on Pierce County parcel identification numbers 2074280010 (TD 4435) and 2074280020 (TD 4443). The subject property is located within the northeast quarter of the northeast quarter of Section 09, Township 20 North, Range 3 East in Pierce County, Washington (Figure 2), and legally defined as:

Lots 1 To 12, Block 7428; Tacoma Land Company First Addition To Tacoma, According To Plat Filed For Record On July 7, 1884, In The Office Of The County Of Pierce County Washington; Together With The Alley, Vacated By Ordinance No 19338 Of The City Of Tacoma Recorded May 3, 1971 Under Recording No. 2389669, In Pierce County, Washington.

TD 4443 includes Lots 1 through 4, TD 4435 includes Lots 5 through 12.

2.2 Site and Vicinity Characteristics

The subject property is currently owned by the Amerco Real Estate Company and operated as a U-Haul vehicle parking/storage lot and an espresso stand. The subject property is located in a mixed-use area of commercial and industrial properties in the Tacoma Dome neighborhood of Tacoma (Figure 2).

Neighboring properties consist of Tacoma Dome Station parking garage (west), a large warehouse (south), warehouses (east), and the Burlington Northern Santa Fe railroad yard offices and a shipping warehouse (north).

2.3 Physical Setting

The subject property is at an elevation of approximately 15 feet above mean sea level. The topography of the site gently slopes northeasterly towards the Puyallup River and Puyallup basin (USGS 2020). Soils in the area of the subject property are mapped as Alderwood gravelly sandy loam by the U.S. Department of Agriculture (USDA 1955). These are described as moderately well drained. Made land is mapped just north of the subject property. The made land is dredged material that was deposited artificially over marshy tideflats for grading.

The surface geology of the subject property is mapped as artificial fill deposits (Troost, in press). Quaternary Vashon recessional outwash ice contact deposits and Quaternary pre-Fraser age coarse-grained deposits are mapped adjacent south of the subject property. These are described as sand and gravel to silty sand and gravel with some clay portions. These deposits generally have a high porosity and permeability.

A review of well and borehole logs completed below the subject property indicates the subsurface is primarily composed of silty sand with gravels down to 16 feet below ground surface. Water levels have been observed below the subject property between depths of 6 to 10 feet below ground surface. The groundwater gradient below the subject property is primarily north to northwest as displayed on Figure 2.

The nearest surface water body is the Thea Foss Waterway located 1,800 feet northwest of the subject property. The Puyallup River is located 3,800 feet northeast of the subject property.

2.4 Current Use of the Property

The subject property is developed with an asphalt parking lot and a drive-thru espresso stand. The espresso stand is located on the eastern portion of the subject property on TD 4435 which encompasses 0.6 acres. The western portion, TD 4443, is primarily used to store vehicles and encompasses 0.3 acres.

2.5 Descriptions of Improvements on the Subject Property

The espresso stand on TD 4435 encompasses 280 square feet and is surrounded by 24,000 square feet of asphalt parking. TD 4443 is developed with 12,000 square feet of asphalt (Pierce County Assessor-Treasurer 2020). Copies of the Assessor-Treasurers records are attached in Appendix F.

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products. Parametrix reviewed the Pierce County Recorder's database for liens against the current owner. No environmental liens were identified within the recorded documents filed for the current owner of the subject property. Parametrix also reviewed the Washington State Department of Ecology's environmental covenant database. No environmental (restrictive) covenants were filed for the subject property.

A Property History Guarantee title report was supplied by Sound Transit for the subject property (Attached in Appendix A). There are no records in the title summary report indicating activity or use limitations or environmental liens affecting the property. No evidence of activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: a review of various lists and files published by federal and State of Washington agencies and a compilation of historic uses of the site and site vicinity to determine whether past operations pose an environmental risk to the subject property. Information for agency file review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR report is included in Appendix B.

The EDR report is a summary of state and federal database searches for sites of possible environmental concern. The information review enabled Parametrix personnel to characterize the types of activities performed at the site, identify data gaps prior to the site examination, and facilitate recognition of discrepancies between reported and observed data. Data gaps identified during the document review were addressed by interviewing Tacoma-Pierce County Health Department personnel, by making observations during the site examination, or by additional detailed investigation of available records.

It should be noted that this information is reported as Parametrix received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from records maintained by the U.S. Environmental Protection Agency (EPA) and the Washington State Department of Ecology (Ecology). The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR Radius Map Report (Appendix B). EDR reported a total of 250 properties with 399 listed conditions within one mile of the subject property. EDR also reported 11 unmappable (orphan) sites in the area of the subject property. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the types of listings, types of contaminants, proximity and position relative to the subject property, topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (see Section 4).

3.1.1 Review of Washington State Department of Ecology Databases

The following sections summarize the most relevant information obtained from the EDR Radius Map Report regarding sites identified within the ASTM E1527-13 search radii from the databases listed below. Additional information regarding these sites was reviewed online on the Ecology website to supplement data gaps in the EDR report. A complete listing of the databases reviewed is included in the EDR report. Relevant database listings from Ecology include:

- Ecology Hazardous Site List (HSL)
- Ecology Confirmed and Suspected Contaminated Site List (CSCSL)

- Ecology CSCSL No Further Action (CSCSL NFA) List
- Ecology Solid Waste Facility/Landfill List
- Ecology Leaking Underground Storage Tank (LUST) List
- Ecology Underground Storage Tank (UST) List
- Ecology Aboveground Storage Tank (AST) List
- Ecology Institutional Controls (INST CONTROL) List
- Ecology Voluntary Cleanup Program (VCP) List
- Ecology Interim Cleanup Report (ICR) List
- Ecology and Pollution Liability Insurance Agency Petroleum Technical Assistance Program (PTAP) List
- Ecology Brownfields List
- Ecology Facility/Site Information System (ALLSITES) List
- Ecology Clandestine Drug Lab Contaminated Site (CDL) List and Historical CDL (HIST CDL) List
- Ecology Firefighting Foam Incidents (AQUEOUS FOAM) List and Perfluorinated Contamination Site Location (PFAS) List
- Ecology Reported Spills (SPILLS) List
- Ecology Drycleaners List

3.1.1.1 Ecology HSL, CSCSL, and CSCSL NFA Databases

The Ecology CSCSL database contains sites in Washington State that have been confirmed or have been suspected of contaminant releases and is the state equivalent to the federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS). The HSL is a subset of the CSCSL database for sites that have been formally ranked using the Washington Ranking Method. The CSCSL NFA database is former CSCSL sites that have achieved a No Further Action (NFA) determination from Ecology.

The subject property was found on the CSCSL databases.

- The western portion of the subject property (TD 4443) at 704 Puyallup Avenue is listed on the CSCSL database as the Former Texaco Service Station.
- The listing indicates the subject property is impacted with petroleum hydrocarbons and metals above Model Toxics Control Act (MTCA) Method A cleanup levels.
- Based on the EDR listings this represents a REC impacting the subject property. A file review was conducted, and the site is further discussed in Section 4.

Eighty-eight sites within one mile of the subject were reported on the CSCSL database, thirty-eight sites within one mile were reported on the HSL database, and nineteen sites within 0.5 mile were reported

on the CSCSL NFA database. Five CSCSL, one HSL, and four CSCSL NFA sites were reported within 0.125 mile from the subject property:

- Spring Air Northwest/Carman Manufacturing Company at 725 E 25th Street (adjacent south of the subject property) is listed on the CSCSL database. Petroleum hydrocarbons were reported above MTCA Method A cleanup levels. The proximity and position directly upgradient and reported conditions represents a REC to the subject property. Based on the EDR listing, a file review was conducted, and the site is further discussed in Section 4.
- Freighthouse Square at 25th and G Street (adjacent 75 feet southwest across E 25th Street and East G Street) is listed on the CSCSL NFA database. Metals were reported above MTCA Method A cleanup levels and petroleum hydrocarbons were reported remediated below cleanup levels. The site has a No Further Action (NFA) status with Ecology related to institutional controls dating to 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- The Freighthouse Square Amtrak Relocation at 602 E 25th Street (365 feet southwest of the subject property) is listed on the CSCSL database. Petroleum hydrocarbons and polycyclic aromatic hydrocarbons (PAHs) were reported in soil and arsenic in groundwater above MTCA Method A cleanup levels. Cleanup has been initiated at the site. Based on the groundwater results for this property and limited migration reported, this site is not considered a REC to the subject property.
- The Burlington Northern Railroad at 605 Puyallup Avenue (adjacent 220 feet northwest across Puyallup Avenue) is listed on the CSCSL NFA database. Halogenated organics (chlorinated solvents) were suspected above MTCA Method A cleanup levels in soil. The site achieved a NFA status from Ecology in 1996. Based on the downgradient location and NFA status, this site is not considered a REC to the subject property.
- The Mendez Property at 910 Puyallup Avenue (520 feet east of the subject property) is listed on the CSCSL database. Petroleum hydrocarbons were reported above MTCA Method A cleanup levels in soil. The listing indicates cleanup has started for this property. Based on the cross-gradient position, this site is not considered a REC to the subject property.
- The Tacoma Trestle Track & Signal Project (550 feet southeast of the subject property) is listed on the CSCSL database. Petroleum hydrocarbons were reported above MTCA Method A cleanup levels in soil and suspected in groundwater. Based on the EDR listings and proximity, this site is not considered a REC to the subject property.
- Western Beer Distributors at 712 E 26th Street (600 feet south of the subject property) is listed on the CSCSL NFA database. Petroleum hydrocarbons were reported above MTCA Method A cleanup levels in soil and pesticides were reported remediated below cleanup levels. The site achieved an NFA status from Ecology in 1996. Based on the NFA status and distance from the subject property, this site is not considered a REC to the subject property.
- South Sound Radiator at 509 Puyallup Avenue (615 feet northwest of the subject property) is listed on the CSCSL and HSL databases. Petroleum hydrocarbons and non-halogenated solvents were reported above MTCA Method A cleanup levels in soil and suspected in groundwater. The site has an overall hazard ranking of 2 (medium risk). Based on the position downgradient and proximity, this site is not considered a REC to the subject property.

- Precision Pattern Inc at 2620 East G Street (640 feet south of the subject property) is listed on the CSCSL NFA database. Petroleum hydrocarbons were reported remediated below cleanup levels and the site achieved NFA status with Ecology in 2009. Based on the NFA status and proximity, this site is not considered a REC to the subject property.

The remaining listed sites on the CSCSL database, HSL database, and CSCSL NFA database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.2 Ecology LUST, UST, and AST Databases

The Ecology LUST Database List contains an inventory of reported leaking underground storage tank sites from commercial tanks. The Ecology UST database contains registered commercial USTs. Residential heating oil USTs are not included in the Ecology UST database. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). Unless otherwise noted, the presence of USTs near the site does not, in itself, constitute a REC.

The Ecology AST database is listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program. Unless otherwise noted, the presence of ASTs near the site does not, in itself, constitute a REC.

The subject property does not have any registered USTs or ASTs within the Ecology database and was not found on the LUST database.

Eleven sites were reported on the UST database within 0.25 mile of the subject property, nineteen sites were reported on the LUST database within 0.5 mile of the subject property, and no AST sites were reported within 0.25 mile of the subject property. Four (seven listings) of these sites were reported within 0.125 mile from the subject property:

- Spring Air Northwest/Carman Manufacturing Company at 725 E 25th Street (adjacent south of the subject property) is listed on the LUST and UST databases. As noted above, this site is also on the CSCSL database related to petroleum hydrocarbons reported above MTCA Method A cleanup levels. The proximity and position directly upgradient and reported conditions represents a REC to the subject property. This site is further discussed in Section 4.
- Superior Cartage of Washington Inc at 805 Puyallup Avenue (adjacent 85 feet northeast across Puyallup Avenue) is listed on the UST database. The site has two reported USTs that have been previously removed. Based on the lack of additional listings and position downgradient of the subject property, this site is not considered a REC to the subject property.
- The Mendez Property at 910 Puyallup Avenue (520 feet east of the subject property) is listed on the UST and LUST databases. As noted above, this site is also listed on the CSCSL database related to petroleum hydrocarbons reported above MTCA Method A cleanup levels in soil. Based on the cross-gradient position, this site is not considered a REC to the subject property.
- Western Beer Distributors at 712 E 26th Street (600 feet south of the subject property) is listed on the UST and LUST databases. As noted above, this site is also listed on the CSCSL NFA database related to the release from the USTs. The site achieved an NFA status from Ecology in 1996. Based on the NFA status, this site is not considered a REC to the subject property.

The remaining listed sites on the UST and LUST databases identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.3 Ecology VCP, PTAP, ICR, INST CONTROL, and Brownfields Databases

The Voluntary Cleanup Program (VCP) database is a list of sites that have been entered into the Ecology voluntary cleanup program and are undergoing cleanup. The Petroleum Technical Assistance Program (PTAP) database is a list of petroleum release sites that have been entered into the Pollution Liability Insurance Agency PTAP program and are undergoing cleanup. The interim cleanup report (ICR) database is a subset of VCP or former VCP sites that have reported interim cleanup actions to Ecology. The institutional control (INST CONTROL) database is a subset of properties with confirmed releases where institutional controls are in place to manage the remaining contamination. The Ecology Brownfields database is a list of abandoned, idle, or underused commercial or industrial properties where redevelopment is limited due to the real or perceived contamination on those properties.

The subject property is identified on the VCP database:

- The western portion of the subject property (TD 4443) is listed on the VCP database related to the release from the Former Texaco Service Station. The regulatory files for the site are further discussed in Section 4.

Nineteen sites within 0.125 mile of the subject property were reported on the VCP database. Three of these sites are within 0.125 mile from the subject property:

- Spring Air Northwest/Carman Manufacturing Company at 725 E 25th Street (adjacent south of the subject property) is listed on the VCP database. As noted above, this site is also on the CSCSL database related to petroleum hydrocarbons reported above MTCA Method A cleanup levels. The proximity and position directly upgradient and reported conditions represents a REC to the subject property. Based on the EDR listings, a file review was conducted and is further discussed in Section 4.
- The Mendez Property at 910 Puyallup Avenue (520 feet east of the subject property) is listed on the VCP database. As noted above, this site is also listed on the CSCSL database related to petroleum hydrocarbons reported above MTCA Method A cleanup levels in soil discovered in 1998. Based on the cross-gradient position, this site is not considered a REC to the subject property.
- Precision Pattern Inc at 2620 East G Street (640 feet south of the subject property) is listed on the VCP database. As noted above, petroleum hydrocarbons were reported remediated below cleanup levels and the site achieved NFA status with Ecology in 2009. Based on the NFA status and proximity, this site is not considered a REC to the subject property.

The remaining listed sites on the VCP database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

One site within 0.5 mile of the subject property was reported on the PTAP database. The site is over 2,000-feet east of the subject property, with no potential to impact the subject property.

Eleven sites within 0.5 mile of the subject property were reported on the ICR database. None are within 0.125 mile from the subject property. The listed sites on the ICR database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

Seven sites within 0.5 mile of the subject property were reported on the INST CONTROL database. One site was reported within 0.125 mile from the subject property:

- Freighthouse Square at 25th and G Street (adjacent 75 feet southwest) is listed on the INST CONTROL database. As noted above, this site is also on the CSCSL database related to metals reported above MTCA Method A cleanup levels and petroleum hydrocarbons were reported remediated below cleanup levels. The site has a No Further Action (NFA) status with Ecology related to institutional controls dating to 2003. Based on the NFA status and Institutional Controls, this site is not considered a REC to the subject property.

The remaining listed sites on the INST CONTROL database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

Two sites within 0.5 mile of the subject property were reported on the Brownfields database:

- American Plating at 2220 East D Street (1,400 feet northwest of the subject property) is listed on the Brownfields database. The listing indicates this site is on several additional databases and has a NFA status from Ecology dating to 2015. Based on the distance relative to the subject property and the reported status, this site is not considered a REC to the subject property.
- Tacoma Redevelopment Property at 1933 Dock Street (2,400 feet northwest of the subject property) is listed on the Brownfields database. This property was partially remediated by excavation, redeveloped, and institutional controls were placed on the property in 2007 related to the contamination remaining in place. Based on the proximity to the subject property and listings, this site is not considered a REC to the subject property.

3.1.1.4 Ecology ALLSITES Database

The Ecology ALLSITES database summarizes sites that likely handle or store hazardous waste in association with the facility/site information system.

The western portion of the subject property is listed on the ALLSITES database:

- This listing is related to the Former Texaco Service Station discussed above. Further discussion on listings for the subject property is presented in Section 4 below.

One hundred and forty-two sites within 0.5 mile of the subject property are reported on the ALLSITES database. Nineteen sites were reported within 0.125 mile of the subject property. Five were identified adjacent to the subject property:

- Spring Air Northwest/Carman Manufacturing Co, adjacent south of the subject property, is listed on the ALLSITES database. Further discussion of the adjacent property south is presented in Section 4 below.
- The Pierce County Transit Tacoma Dome site located at 609 E 25th Street (adjacent west across G Street) is listed on the ALLSITES database. This listing appears related to waste generated or

removed from the adjacent property in 1990s prior to its redevelopment into the current parking garage. Based on the lack of additional listings, this site is not considered a REC to the subject property.

- The Burlington Northern Railroad at 605 Puyallup Avenue (adjacent 220 feet northwest across Puyallup Avenue) is listed on the ALLSITES database. As noted above, this site achieved a NFA status from Ecology in 1996. Based on the downgradient location and NFA status, this site is not considered a REC to the subject property.
- Freighthouse Square at E 25th Street and East G Street (adjacent 75 feet southwest across E 25th Street and East G Street) is listed on the ALLSITES database. As noted above, this site has a NFA status with Ecology related to institutional controls dating to 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- Superior Cartage of Washington Inc at 805 Puyallup Avenue (adjacent 85 feet northeast across Puyallup Avenue) is listed on the ALLSITES database. The listing appears related to the previous removal of USTs from the property as discussed above. Based on the lack of additional listings and its position downgradient of the subject property, this site is not considered a REC to the subject property.

The remaining listed sites on the ALLSITES database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.5 Ecology CDL and HIST CDL Database

The Ecology CDL database tracks Clandestine Drug Labs in the State of Washington or historical (HIST) CDL sites. There were no CDL or HIST CDL sites reported within 0.125 mile of the subject property.

3.1.1.6 Ecology AQUEOUS FOAM, PFAS, and SPILLS Databases

The Ecology AQUEOUS FOAM, PFAS, and SPILLS databases report potential small releases to the subsurface that have the potential to cause contamination. No AQUEOUS FOAM or PFAS sites were reported within 0.5 mile of the subject property. No SPILLS sites were reported within 0.125 mile of the subject property.

3.1.1.7 Ecology Drycleaner Database

The drycleaner database is a listing of former or current drycleaners in Washington. No drycleaners were reported within 0.125 mile of the subject property. No inactive drycleaners were reported within 0.125 mile of the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within ASTM

1527-13 search radii from the following databases. A complete listing of the databases reviewed is included in the EDR report.

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) List
- Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Information System (RCRIS) List
- Emergency Response Notification System (ERNS) List
- US Brownfields List
- Manufactured Gas Plant Sites

3.1.2.1 NPL List

The National Priorities List (NPL) identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. The EDR report indicates that the subject property is not listed as an NPL site. EDR reports no NPL sites were identified within one mile of the subject property; however, there are two related NPL sites that are near the subject property, with one potentially impacting the subject property:

- The Commencement Bay Nearshore Tideflats NPL site (EPA 2020) includes multiple properties within one mile north of the subject property. The site encompasses an active commercial seaport and includes 12 square miles of shallow water, shoreline, and adjacent land due to widespread contamination in water, sediments, and uplands areas. The site was placed on the NPL list in 1983 and is undergoing its fifth five-year review. This NPL site is not known to have impacted the subject property and is not considered a REC for the subject property.
- The Asarco Tacoma Smelter Plume NPL site is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020c). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than MTCA Method A cleanup levels and is not considered a REC to the subject property.

3.1.2.2 SEMS List

The EPA publishes a list of sites that may potentially pose a threat to the environment or the health of the general public. This list is known as the SEMS list (formerly the CERCLIS list). Information contained in the EDR report indicates the subject property is not listed as a SEMS site. Three SEMS sites were identified within one mile of the subject property:

- Supervalu Ammonia Response located at 590 E 19th Street (1,900 feet northwest of the subject property) is listed on the SEMS database. This listing is related to a response that occurred to an ammonia release in 2017 and is not an active threat. Based on the information, this listing is not considered a REC to the subject property.

- The Burlington Northern Railroad site located 1800 feet northeast of the subject property is listed on the SEMS database. This listing is related to historical tar pits related to a former coal gasification plant that operated from the 1920s through 1956. This site is Operable Unit 3 of the Commencement Bay Nearshore Tideflats NPL site and is not considered a REC to the subject property due to ongoing remediation and monitoring and no known impacts to the subject property.
- The Tacoma Spur site located at S 24th Street and A Street (located 2,000 feet west of the subject property) is listed on the SEMS database. This listing is related to carcinogenic polyaromatic hydrocarbon (cPAH) groundwater contamination discovered during construction of Interstate 705 in 1984. This site is part of the Commencement Bay Nearshore Tideflats NPL site. It is not considered a REC based on the distance from the subject property (located over 2,000 feet west).

The EPA also publishes the SEMS-ARCHIVE list, which are SEMS sites that have been designated no further interest under the Federal Superfund Program. One SEMS-ARCHIVE site was reported within 0.5 mile of the subject property:

- The American Plating Co Inc site at 2110 East D Street (located 1400 feet northwest of the subject property) is listed on the SEMS-ARCHIVE list. This listing is related to a former electroplating facility that closed in 1986. Ecology assisted in the cleanup of this property in 2003 and 2012, and, subsequently, a restrictive covenant was placed on the site in 2014. Based on the reported status and position downgradient, this site is not considered a REC to the subject property.

3.1.2.3 CORRACTS Review

The CORRACTS report identifies hazardous waste handlers with corrective action activity. Information contained in the EDR report indicates the subject property is not listed as a CORRACTS site. Two CORRACTS sites are listed within one mile of the subject property:

- The American Plating Co Inc site at 2110 East D Street (located 1400 feet northwest of the subject property) is listed on the CORRACTS database. As noted above, Ecology assisted in the cleanup of this property in 2003 and 2012, and, subsequently, a restrictive covenant was placed on the site in 2014. Based on the reported status and position downgradient, this site is not considered a REC to the subject property.
- The University of Washington Tacoma Branch Campus at 1930 C Street (located 3,400 feet northwest of the subject property) is listed on the CORRACTS database. The listing is related to petroleum hydrocarbons cPAHs, and volatile organic compounds in soil and groundwater below the campus. The site entered an Agreed Order with Ecology in 1997 and is undergoing remediation and monitoring. Based on the distance from the subject property (located 3,400 feet northwest), this site is not considered a REC to the subject property.

3.1.2.4 Resource Conservation and Recovery Information System (RCRIS) List

The RCRIS list includes selective information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Information contained in the EDR report indicates the subject property is not listed as a RCRIS site.

One RCRA generator site is listed within 0.25 mile of the subject property:

- The Caraustar site at 808 E 26th Street (located 650 feet south of the subject property) is listed on the RCRA-VSQG database. This very small quantity generator is a paper recycling facility and listed on the database related to generating ignitable waste. There are some violations reported for the site. However, based on the generator status and proximity, this site is not considered a REC to the subject property.

Fourteen RCRA Non-Generator (NonGen) sites are listed within 0.25 mile of the subject property. Three were reported within 500 feet of the subject property:

- Spring Air Northwest/Carman Manufacturing Co adjacent south of the subject property is listed on the RCRA NonGen database. This appears to be related to environmental investigation on the adjacent property. Further discussion of the adjacent property south is presented in Section 4 below.
- The Sound Transit Tacoma Link Operations Facility at 802 E 25th Street (275 feet southeast of the subject property) is listed on the RCRA NonGen database. The listing appears related to a variety of chemicals used in the repairs and maintenance of the Tacoma Link light rail system. Some violations were reported for this site. However, based on the non-generator status and proximity, this site is not considered a REC to the subject property.
- The Pierce Transit Tacoma Dome parking garage at 609 E 25th Street (adjacent west across East G Street) is listed on the RCRA NonGen database. As noted above, this listing appears related to waste generated or removed from the adjacent property in 1990s prior to redevelopment into the current parking garage. This site is not considered a REC to the subject property.

The EPA also regulates the management of hazardous waste at Transportation, Storage, and Disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a RCRA-TSD site. No RCRIS-TSD sites were identified within 0.5 mile of the subject property.

The remaining listed sites on the RCRIS list identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.2.5 ERNS List

The ERNS is a national database containing information from spill reports made to Federal authorities. Information contained in the EDR report indicates the subject property is not listed as an ERNS site.

3.1.2.6 US Brownfields List

The EPA's US Brownfields list identifies Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. One US Brownfields site was identified within 0.5 mile of the subject property:

- The American Plating Co Inc site at 2110 – 2130 East D Street (located 1400 feet northwest of the subject property) is listed on the US Brownfields database. As noted above, Ecology assisted in the cleanup of this property in 2003 and 2012 and subsequently a restrictive covenant was

placed on the site in 2014. Based on the reported status and position downgradient, this site is not considered a REC to the subject property.

3.1.3 EDR Databases

3.1.3.1 Manufactured Gas List

Former manufactured gas plant (coal gas) sites are identified on the Manufactured Gas database. Information contained in the EDR report indicates the subject property is not listed as a manufactured gas plant site. Two manufactured gas plant sites are listed within one mile of the subject property. Both appear to be referencing the same property:

- The Tacoma Coal Gasification site at E 22nd Street and A Street (located 2,375 feet west of the subject property) is listed twice on the EDR MGP database. As noted above, this site is also known as the Tacoma Spur property and is included in the Commencement Bay Nearshore Tideflats Superfund site. Based on the status within the NPL and proximity, this site is not considered a REC to the subject property.

3.1.3.2 Historical Auto Stations

Historical auto stations are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates the subject property is listed as a historical auto station:

- Bill's Mobile Service Gas Station at 702 Puyallup Avenue is listed on the EDR Hist Auto database. This is the former gas station on the western portion of the subject property. The listing indicates the subject property was a gas station dating to 1942, 1947, and 1953. Further discussion regarding the gasoline station is discussed in Section 4.

Three historical auto stations are listed within 0.125 mile of the subject property. Two appear to be referencing the same property:

- Standard Stations Inc at 624 Puyallup Avenue (adjacent Tacoma Dome Station parking garage west across East G Street) is listed on the EDR Hist Auto database. The listing indicates this site was a gasoline station in 1965. As noted above, this site had noted excavation and removal of waste in other databases dating to the 1990s. Based on the lack of additional listings and its position cross-gradient from the subject property, this site is not considered a REC to the subject property.
- The Tacoma Super Service No 1 Gas Station site and Automotive Performance Center at 910-914 Puyallup Avenue (located 500 feet east of the subject property) are listed on the EDR Hist Auto database. The gas station was listed dating from 1942 through 1987. The auto repair was listed dating from 1971 through 1996. Based on the position cross-gradient from the subject property and proximity, this site is not considered a REC to the subject property.

3.1.3.3 Historical Cleaners

Historical cleaners are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates that there are no historical cleaner sites within 0.125 mile of the subject property.

3.1.4 Orphan Site List

Orphan sites are sites for which mapping information is not detailed adequately to plot the location of the site. There are eleven orphan sites listed in the EDR database. The orphan site list and available mapping information were reviewed by Parametrix. None of the orphan sites were found within 0.125 mile from the subject property and none represent RECs to the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The subject property and adjacent sites were reviewed in an effort to determine if vapor migration has, or has the potential to have, occurred at the site, from adjacent properties. Based on the information reviewed, the subject property is identified as a potential vapor intrusion site related to the historical gasoline station use. Further discussion is presented in Section 4.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area that helps to identify the likelihood of past uses having led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include Sanborn Fire Insurance Maps, aerial photographs, topographic maps, city directories, and local agency records.

3.2.1 Sanborn Map Fire Insurance Map Review

Parametrix reviewed Sanborn Fire Insurance maps from EDR in an effort to help identify past land uses. A copy of the Certified Sanborn Map Report is included in Appendix C. Maps were available for 1896, 1912, 1950, and 1963. Observations from the Sanborn Maps are listed below.

1896 The subject property is developed with a woodshed and lumber storage yard. The Pacific Match Company and Pacific Lounge and Mattress Company manufacturing plants are located adjacent south of the subject property.

1912 The subject property appears developed as a lumber mill as part of the Carman Manufacturing Company. The main sawmill is located on the northwest corner of the property with an adjacent dry kiln and lumber sheds and storage are to the south and east. The easternmost portion includes an oil house and varnish storage and a furniture warehouse. The adjacent property south is developed as the main portion of the Carman Manufacturing Company Furniture and Mattress Factory.

1950 The subject property appears redeveloped with a gasoline and auto service station on the western portion of the subject property. The eastern portion appears remaining developed as part of the Carman Manufacturing Company sawmill. The neighboring property west appears as a gasoline station.

1963 The subject property appears developed with the gas station on the western portion. The central portion appears used as parking and the eastern portion is developed with the Carman Manufacturing Company shipping warehouse.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs (aerials) of the subject property area were obtained from EDR. Additional aerials, available from the Pierce County GIS mapping program (Pierce County 2020) and the City of Tacoma GIS mapping program (City of Tacoma 2020a), were reviewed. Aerial photographs for the years 1931, 1940, 1945, 1950, 1957, 1968, 1970, 1972-73, 1980, 1985, 1990, 1995, 2002, 2005, 2009, 2015, and 2018 were examined. Copies of the aerial photographs from EDR are included in Appendix D. Observations are listed below.

1931 The subject property appears developed with a sawmill with lumber storage across much of the property. The neighboring property south appears as a large warehouse.

1940 -1957 The western portion of the subject property appears redeveloped with a gasoline station. The eastern portion appears as a storage lot and warehouse.

1968 The gas station remains on the western portion. The warehouse on the eastern portion is no longer visible and the area appears paved.

1970-1973 The gas station is no longer present. The subject property appears as a vacant paved lot.

1980-2002 The subject property appears used as an equipment storage and vehicle storage lot. A shed appears visible on the eastern portion.

2005-2018 The subject property appears developed in its current configuration. The western portion is used as a vehicle storage lot and the eastern portion is developed with a drive-thru espresso stand.

3.2.3 Historical Topographic Maps

Historical topographic maps of the subject property area were reviewed from the U.S. Geological Survey (USGS). The subject property is located on the Tacoma south 7.5-minute Quadrangle. Maps were available for years 1941, 1961, 1997, 2011, 2014, 2017, and 2020. Observations are listed below.

1941 The subject property appears within the City of Tacoma. A main roadway is present along G Street and turning along Puyallup Avenue.

1961 Two buildings appear developed on the subject property with a portion of a third along the eastern portion of the subject property.

1997 The subject property appears vacant.

2011 -2020 The subject property appears developed in its current configuration.

3.2.4 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following sections.

3.2.4.1 Tacoma Permit Records

Available historical City of Tacoma permit records (City of Tacoma 2020b) were reviewed for the subject property. Copies of the permit records are attached in Appendix F. Below is a summary of the permits:

- A service station was constructed on the subject property and an older building was demolished in 1939.
- Neon signs were constructed on the western portion of the subject property in 1939, 1950, and 1952, a billboard was constructed in 1952, and another sign was added in 1962.
- The gasoline station was demolished on the eastern portion of the subject property in 1961.
- A lean-to and dry kiln were demolished in 1962.
- A Carman warehouse was demolished on the eastern portion of the subject property in 1965.
- A drive thru espresso stand was constructed on the eastern portion of the subject property in 2003.

3.2.4.2 Tacoma Public Library

The Tacoma Public Library Northwest Room has online databases for historical photographs and a historical building index:

- One historical image of the neighboring Standard Oil Service Station at 624 Puyallup Avenue was identified dating to 1933.

3.2.5 Summary of Historical Information

Based on the historical review, the subject property was first developed industrially in the 1890s as a lumber storage yard for the Pacific Lounge and Mattress Company (Carman Manufacturing Company). Around 1900, a sawmill and dry kiln were developed on the western portion of the subject property and warehouses, an oil house and varnish storage were developed on the eastern portion. From 1939 through 1961, the western portion was redeveloped into a gasoline station. The eastern portion remained developed as a warehouse through 1965. The subject property was primarily a storage lot from the 1960s through 2002 and developed into its current configuration with an espresso stand in 2003. As noted in Section 4, unresolved RECs remain on the western portion of the subject property. The historical oil house and varnish storage reported on the eastern portion of the subject property do not appear to have been investigated.

The surrounding area has primarily been industrially used since the 1890s. The Carman Manufacturing plant operated south of the subject property through 1999 and has primarily been used as a storage warehouse since that time. The neighboring site west was operated as a gasoline station from the 1930s through the 1960s. Historical use on the adjacent property south has potentially impacted the subject property as noted in Section 4.

3.3 Additional Environmental Information

The following sections provide a summary of additional environmental information obtained for the site.

3.3.1 Asbestos

The manufacture of most asbestos-containing materials was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the building (constructed after 1979), there is low potential for asbestos-containing materials to have been used in the construction of the buildings.

3.3.2 Lead-Based Paint

Before 1977, paint commonly contained lead which is considered to cause human health problems if ingested. Based on the age of the building (constructed after 1977), there is low potential for LBP to have been used in the construction of the building.

3.3.3 Polychlorinated Biphenyls

Transformers can potentially contain polychlorinated biphenyls (PCBs). Based on the age of the building, there is low potential for PCBs to have been used in the construction of the buildings (primarily used in lighting and electrical equipment). However, Parametrix did not inspect the building interior for this assessment.

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas, and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

The subject property is located in the Federal EPA Radon Zone 3. The Zone 3 indoor average radon level predicted as less than 2 pCi/L, reported as a low risk of radon elevation. The EPA Action Level for radon is 4 pCi/L. Based on this limited information, radon likely does not represent an environmental concern at the property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property, and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties, and to fill in data gaps where applicable. Previous investigations and file reviews are summarized below. Copies of available reports are attached in Appendix F.

4.1 Previous Investigations

Ecology files for the subject property were reviewed which include:

- 2006 Phase II ESA completed by Environmental Management Services, LLC
- 2017 Remedial Investigation Report completed by ECI Environmental Services
- 2017 Ecology Voluntary Cleanup Program (VCP) agreement and Application
- 2018 Ecology VCP acceptance Letter
- 2018 Further Action letter from Ecology

The information in the available files indicate in 1998, three USTs were discovered during a geophysical survey during a Phase I ESA and subsequently removed by Environmental Tank Services. Approximately 43 tons of petroleum contaminated soil (PCS) was also excavated and disposed off-site. Confirmation soil samples from the excavation were all reported below laboratory detection levels.

In 2006, Environmental Management Services conducted a Phase II ESA surrounding the historical gas station. Four boreholes were completed to 12 feet below ground surface. Soil and groundwater samples were collected and analyzed for petroleum hydrocarbons, volatile organic compounds, cPAHs, and metals, and compared with MTCA Method A cleanup levels.

Gasoline was found in soil at 200 milligrams per kilogram (mg/kg) above MTCA Method A cleanup levels of 100 mg/kg, and diesel and oil were found in groundwater at 1,700 and 8,600 micrograms per liter (µg/L), respectively, above MTCA Method A cleanup levels of 500 µg/L from one location (B4). Three of the boreholes identified concentrations of lead ranging from 18.7 to 33.8 µg/L above MTCA Method A cleanup levels in groundwater of 15 µg/L. One location identified concentrations of chromium at 52.8 µg/L above MTCA Method A cleanup levels in groundwater of 50 µg/L. Based on the results of the Phase II ESA, Ecology indicated that further remedial actions were necessary at the site.

In 2017, ECI Environmental Services completed a Remedial Investigation of the subject property. Eight boreholes were completed on the subject property to a depth of 12 feet below ground surface. Four of the boreholes were converted to one-inch diameter monitoring wells. Sixteen soil samples and four groundwater samples were submitted for analysis.

The soil results showed levels of gasoline in one sample at a concentration of 1,500 mg/kg above the MTCA Method A cleanup level of 100 mg/kg. Ethylbenzene was detected at a concentration of 11 mg/kg and xylenes at a concentration of 14 mg/kg, slightly exceeding the MTCA Method A cleanup levels of 6 mg/kg and 9 mg/kg, respectively. Additional soil results showed diesel and oil concentrations ranging

from 240 mg/kg to 1,100 mg/kg, below the MTCA Method A cleanup level of 2,000 mg/kg. Concentrations of arsenic, lead, and chromium were reported below MTCA Method A cleanup levels.

The groundwater results showed all four monitoring wells above MTCA Method A cleanup levels for total arsenic of 5 µg/L and one well above MTCA Method A cleanup levels for total chromium of 50 µg/L. The samples were reported below MTCA Method A cleanup levels for dissolved lead but above MTCA Method A cleanup levels for total lead of 15 µg/L. There were no detections of gasoline or oil in the four samples. Low concentrations of diesel were detected in two of the samples at 78 to 120 µg/L below the MTCA cleanup level of 500 µg/L.

Following completion of the RI, the site was entered into the VCP Program and an opinion was requested from Ecology. Ecology indicated further remedial actions were necessary to achieve cleanup status at the subject property:

- Ecology determined the characterization of the site was not sufficient.
- Ecology provided seven specific recommendations for the further characterization of the site relating to determining the nature and extent of contamination on the subject property and adjacent G Street right-of-way.

Based on the available Ecology files, the subject property has unresolved RECs related to the historical use of the property and impacts to soil, groundwater, and vapor migration. Due to the concentrations remaining in soil below the property, vapor intrusion at the site is a possible contaminant exposure pathway. However, there are no buildings on the western portion of the subject property near the historical release (Figure 2).

4.2 Adjacent Properties File Review

Nearby listings identified in the environmental databases are described in Section 3. As noted above, the adjacent site south and upgradient is listed on the CSCSL database. Ecology records reviewed for the neighboring Spring Air Northwest/Carman Manufacturing company property at 725 E 25th Street included a Remedial Investigation work plan completed in 2016.

The Remedial Investigation work plan was completed by ECI Environmental Services. The report indicates the neighboring building was completed around 1891 and indicates the subject property was developed by at least 1896 for lumber/wood storage, part of a sawmill and engine shop and, later, the gasoline station and a restaurant.

In 1986, a 7,000-gallon UST was reported to Ecology related to the boiler room at the manufacturing plant. The 7,000-gallon UST was identified below the building and was closed in place in 1989 by Don Golden Company. One soil sample was collected during the decommissioning and found TPH concentrations at 53.2 mg/kg, below MTCA Method A cleanup levels.

Creative Environmental Technologies Inc (CETI) completed a Phase I ESA and subsequent Phase II ESA of the neighboring property. Three boreholes were advanced near the former boiler and free product was discovered in two of the boreholes. In 1998, CETI performed additional Phase II ESA work at the property and completed 33 boreholes in the boiler area and north of the building, one test pit adjacent to the factory, one temporary monitoring well, and three permanent monitoring wells. Free product was encountered in eight boreholes and groundwater concentrations of diesel up to 41,500 µg/L were

identified, and cPAHs were found above MTCA Method B cleanup levels. The neighboring property was then entered into the Ecology VCP program in 1998.

CETI completed a Cleanup Action Plan in 1998 for removal of contaminated soil outside the building footprint and using a pump and treat system inside the building. CETI excavated 2,804 tons of diesel-contaminated soil from the subject property parking lot and the east side of the adjacent property building. The excavation was reported within a few feet of the building and contamination remained in place, so a geomembrane was installed between the contaminated soil and clean backfill. Figure 2 displays the approximate area of excavation. In 1999, CETI installed the pump and treat system with placement of six recovery wells. Approximately 100 gallons of free product was recovered by the system from 1999 through 2001. The system was then shut off and annual groundwater monitoring was completed by Sound Environmental Strategies through 2007, showing a relatively stable groundwater plume.

In 2006, a Phase I and Phase II ESA of the Spring Air Facility was conducted by Swift Creek Environmental. The Phase II ESA included placement of one borehole and two monitoring wells/piezometers and sampling of two of the existing recovery wells. Results from the two new monitoring wells found concentration of diesel and oil above MTCA Method A cleanup levels. Metals were also detected in samples. As part of the Remedial Investigation workplan (2016), ECI Environmental Services indicated they would sample the wells below the Spring Air property and try to determine the extent of the groundwater contamination. No new boreholes or monitoring wells were proposed. Ecology records and the interview with the Tacoma-Pierce County Health Department (Section 6, below) indicate that the proposed remedial investigation does not appear to have been completed.

Based on the review of the neighboring Ecology files, it appears the subject property was impacted with diesel-range petroleum hydrocarbons from a release from a previously closed 7,000-gallon heating oil UST on the neighboring property south. Remediation of contaminated soil below the subject property was completed; however, the extent of groundwater contamination below the subject property is unknown. This represents an unresolved REC for the subject property. Vapor intrusion assessments were not previously completed related to the release. The unresolved plume also represents a vapor intrusion risk to the subject property. The espresso stand on the subject property is 60 feet north of the neighboring building.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 3, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site examination are included in Appendix E.

5.1 Subject Property

The subject property is a parking lot and espresso drive-thru stand in the Tacoma Dome neighborhood of Tacoma, Washington. The parking lot spans the entire length of the property from G Street on the west to H street on the east and, from the neighboring building, south up to Puyallup Avenue. The espresso stand is located on the eastern central portion of the parking lot. The parking lot is currently being used to store U-Haul vehicles. A large pond of pooled stormwater was observed on the western portion of the lot, indicative of a blocked stormwater drain.

Several monitoring wells were observed across the property as well as borehole patches indicative of previous investigations of the site. Several 55-gallon waste storage drums with non-hazardous waste labels were located on the southern central portion of the subject property, indicative of recent investigations. The drums appeared to be in good condition.

No other evidence of USTs, ASTs, or other indications of environmental significance were observed on the subject property. In addition, no evidence of significant storage or spills of hazardous substances and/or petroleum products was observed on the subject property. No evidence of staining, adverse odors, or other indications of potential releases was observed.

5.2 Adjacent Properties

Adjacent properties were observed from the surrounding right-of-way. Monitoring wells were observed on the northeast corner of the neighboring warehouse building to the south of the subject property, indicative of a historical release. Additional warehouse are located across McKinley Avenue E. to the southeast and east, and northeast and northwest across Puyallup Avenue. A shipping/storage yard is located north across Puyallup Avenue. The Tacoma Dome Station parking garage is located adjacent west across East G Street. The area surrounding the subject property has a slight slope northerly, towards the tideflats.

The monitoring wells are indicative of a unresolved historical release impacting the subject property and represent a REC to the subject property. No other potential RECs were identified on neighboring properties with potential to impact the subject property.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13.

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix completed an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health – Contaminated Properties division, on February 4, 2021 (TPCHD 2021). Mr. Olsen indicated that ECI Environmental is the consultant on record for the cleanup of the property and that the TPCHD has no record of files or cleanup actions for the site since 2016. Mr. Olsen indicated that ECI Environmental is the consultant for the adjacent property south and similarly has no records for that site since 2016.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report. Based on the findings of this investigation, Parametrix reached the following conclusions:

- The subject property is located at 704 and 716 Puyallup Avenue in Tacoma, Washington, on Pierce County Parcel Identification numbers 2074280010 and 207428002 (Figure 1). The subject property is currently owned by Amerco Real Estate Company and operated as a parking lot and drive-thru espresso stand. Monitoring wells, boreholes, and 55-gallon hazardous waste storage drums were observed on the subject property during the site reconnaissance.
- The subject property was first developed industrially in the 1890s as a lumber storage yard for the Pacific Lounge and Mattress Company (Carman Manufacturing Company). A dry kiln, sawmill, oil storage, and varnishing warehouse operated on the subject property as part of facility. Later, the western portion was redeveloped into a gasoline station, operating from 1939 through 1961. The subject property has been primarily a storage lot / parking lot from the 1960s through the present, with an espresso stand developed on the eastern portion in 2003.

This assessment has revealed no evidence of RECs in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed on the Ecology CSCSL database, Ecology VCP database, ALLSITES database, and EDR Hist Auto database. The listings are related to unresolved historical releases of petroleum hydrocarbons from the prior gas station use as well as potential releases of metals related to the historical sawmill/Carman Manufacturing Company. File reviews performed for the subject property indicate soil and groundwater contamination from the subject property historical gas station release extends into the right-of-way of East G Street (Figure 2).

The extent of the release below the subject property and into the right-of-way does not appear to have been fully characterized. Additionally, historical uses related to the sawmill/Carman facility have not been investigated for potential releases. The historical release on and near the subject property and past use of the property are considered RECs to the subject property.

A REC was identified affecting the subject property related to the neighboring property south, which was listed on several regulatory databases. The Spring Air Northwest/Carman Manufacturing Company site is listed due to a historical release from a heating oil UST. Free product was previously observed below the neighboring site, with contamination migrating north and impacting the subject property. An excavation was performed removing contaminated soils, and a geomembrane was installed to prevent further soil contamination (Figure 2). However, groundwater and potential vapor impacts from the release have not been characterized below the subject property.

Data Gaps

An on-site reconnaissance (within the subject property boundaries) and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

8. REFERENCES

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Appendix A

User Supplied Documents

Commitment for Title Insurance

Title Officer: Seattle Commercial Unit 1
Email: WA-Commercial@ctt.com
Title No.: 210606-SC

Property Address:

Introducing LiveLOOK

LiveLOOK title document delivery system is designed to provide 24/7 real-time access to all information related to a title insurance transaction.

Access title reports, exception documents, an easy-to-use summary page, and more, at your fingertips and your convenience.

To view your new Chicago Title LiveLOOK report, Click Here

Effortless, Efficient, Compliant, and Accessible

PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210606-SC [ROW TD4437, TD4435, & TD4443]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: February 24, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

Lots 1 to 12, Block 7527; and Lots 1 to 12, Block 7428, Tacoma Land Company's First Addition to Tacoma, according to plat filed for record on July 7, 1884, in the office of the County Auditor, in Pierce County, Washington;

Together with all of the alley lying between said Blocks, vacated by Ordinance No. 19338 of the City of Tacoma, recorded May 3, 1971 under Recording No. 2389669, in Pierce County, Washington.

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: February 24, 1971 at 08:00 AM
Ending date: March 24, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

1. Statutory Warranty Deed:

Grantor: Carman Manufacturing Company, a Washington corporation
Grantee: SPI Properties LLC, a Washington Limited Liability Company
Recorded: November 4, 1998
Recording No.: 9811040541

2. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document:

Entitled: Memorandum of Lease
Lessor: SPI Properties LLC
Lessee: Carman Manufacturing Company
Recording Date: November 12, 1998
Recording No.: 9811120562

Assignment and Assumption of Lease:

Assignor: SPI Properties, LLC
Assignee: Han Joe Ro, LLC
Recording Date: January 15, 1999
Recording No.: 9901150670

3. Statutory Warranty Deed:

Grantor: SPI Properties LLC, a Washington Limited Liability Company
Grantee: Han Joe Ro, LLC, a Washington Limited Liability Company
Recorded: January 15, 1999
Recording No.: 9901150666

4. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document:

Entitled: Memorandum of Lease
Lessor: Han Joe Ro, LLC
Lessee: Chami Design, Inc.
Recording Date: January 15, 1999
Recording No.: 9901150675

5. Statutory Warranty Deed:

Grantor: Han Joe Ro, LLC, a Washington Limited Liability Company
Grantee: Landmark Tacoma I LLC, a Washington limited liability company, as to an undivided 50% interest; and Landmark Tacoma II LLC, a Washington limited liability company, as to an undivided 50% interest
Recorded: October 4, 2006
Recording No.: 200610040888

(continued)

6. Statutory Warranty Deed:

Grantor: Landmark Tacoma I LLC, a Washington limited liability company, as to an undivided 50% interest; and Landmark Tacoma II LLC, a Washington limited liability company, as to an undivided 50% interest
Grantee: Amerco Real EState Company, a Nevada corporation
Recorded: April 19, 2018
Recording No.: 201804190151

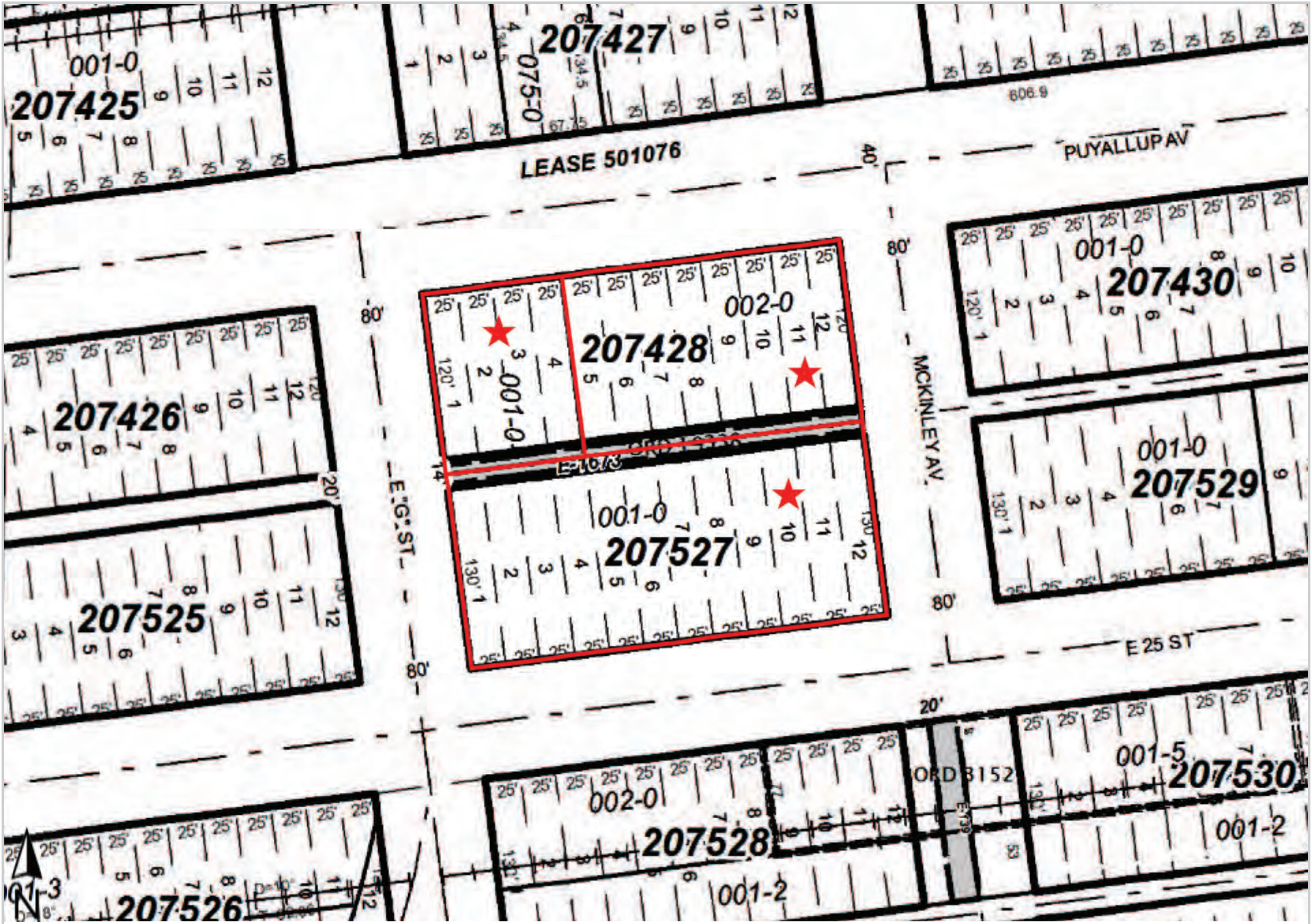

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***U-Haul (North Property), TD 4435, 4443***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   __No_____
2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? __ No
   _____
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? __ No
   _____
4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? __ No
   _____
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? __I am not aware of the purchase price_____
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? ___ No
   _____

   For example, as user,

   (a) do you know the past uses of the property? __ No
   _____

   (b) do you know of specific chemicals that are present or once were present at the property? __ No
   _____

   (c) do you know of spills or other chemical releases that have taken place at the property? __ No
   _____

   (d) do you know of any environmental cleanups that have taken place at the property? _ No
   _____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? ___ No _____

Appendix B

EDR Radius Map Report

FORMER TEXACO SERVICE STATION
704 PUYALLUP AVE
TACOMA, WA 98421

Inquiry Number: 6218034.2s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

704 PUYALLUP AVE
TACOMA, WA 98421

COORDINATES

Latitude (North):	47.2408520 - 47˚ 14' 27.06''
Longitude (West):	122.4245180 - 122˚ 25' 28.26''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	543555.6
UTM Y (Meters):	5231871.5
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005109 TACOMA SOUTH, WA
Version Date:	2014
North Map:	6005511 TACOMA NORTH, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FORMER TEXACO SERVIC	704 PUYALLUP AVE	WA CSCSL, WA ALLSITES		TP
A2	FORMER TEXACO SERVIC	704 PUYALLUP AVE	WA VCP		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1372, 0.260, East
A3		LYLE/950 PORTLAND AV	FINDS	Higher	1 ft.
A4	BILLS MOBILE SERV GA	702 PUYALLUP AVE	EDR Hist Auto	Higher	1 ft.
A5	SPRING AIR NORTHWEST	725 E 25TH ST	RCRA NonGen / NLR	Lower	71, 0.013, SE
A6	SPRING AIR NW DIV CA	725 E 25TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	71, 0.013, SE
A7	SPRING AIR NORTHWEST	725 E 25TH ST	WA VCP	Lower	71, 0.013, SE
B8	SUPERIOR CARTAGE OF	805 PUYALLUP AVE	WA ALLSITES, WA SPILLS	Lower	224, 0.042, ENE
B9	SUPERIOR CARTAGE OF	805 PUYALLUP AVE	WA UST	Lower	224, 0.042, ENE
C10	FREIGHTHOUSE SQUARE	25TH & G ST E	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA	Higher	228, 0.043, SSW
C11	PUGET SOUND SPECIALT	706 E 25TH ST	WA ALLSITES, WA ASBESTOS	Lower	256, 0.048, SSE
D12	SOUND TRANSIT TACOMA	802 E 25TH ST	WA ALLSITES, WA MANIFEST, WA NPDES	Lower	278, 0.053, ESE
D13	SOUND TRANSIT TACOMA	802 E 25TH ST	RCRA NonGen / NLR	Lower	278, 0.053, ESE
E14	BNRR TACOMA YARD PON	605 PUYALLUP ST	WA ALLSITES, WA CSCSL NFA, WA SPILLS	Higher	283, 0.054, West
E15	STANDARD STATIONS IN	624 PUYALLUP AVE	EDR Hist Auto	Lower	313, 0.059, West
C16	PIERCE TRANSIT TACOM	609 E 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	329, 0.062, SW
C17	FREIGHTHOUSE SQUARE,	602 E 25TH ST	WA CSCSL, WA ALLSITES	Higher	364, 0.069, SW
F18	TACOMA PUBLIC UTILIT	709 26TH ST E	WA ALLSITES	Lower	497, 0.094, South
G19	PLYTAC	801 E 25TH	WA ALLSITES, FINDS	Lower	505, 0.096, East
G20	MENDEZ PROPERTY	910 PUYALLUP AVE	WA VCP	Lower	522, 0.099, ENE
G21	MENDEZ PROPERTY	910 PUYALLUP AVE	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES	Lower	522, 0.099, ENE
G22	TACOMA SUPER SERV NO	910 PUYALLUP AVE	EDR Hist Auto	Lower	522, 0.099, ENE
H23	TNT REDDAWAY TRUCK L	801 E 26TH	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	531, 0.101, SE
I24	JOHNSON STONE COUNTE	523 PUYALLUP AVE	WA ALLSITES	Higher	556, 0.105, WNW
G25	TACOMA TRESTLE TRACK	824 E 25TH STREET	WA CSCSL, WA ALLSITES, WA ASBESTOS	Lower	557, 0.105, ESE
26	AUTOMOTIVE PERFORMAN	914 PUYALLUP AVE	EDR Hist Auto	Lower	571, 0.108, ENE
J27	HJB MARINE	601 E 26TH ST	WA ALLSITES	Higher	573, 0.109, SSW
F28	WESTERN BEER DISTRIB	712 EAST 26TH	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA	Lower	609, 0.115, SSE
I29	SOUTH SOUND RADIATOR	509 PUYALLUP AVE	WA HSL, WA CSCSL, WA ALLSITES	Higher	616, 0.117, West
F30	PRECISION PATTERN IN	2620 E G ST	WA VCP	Lower	638, 0.121, South
F31	PRECISION PATTERN IN	2620 E G ST	WA ALLSITES, WA CSCSL NFA, WA SPILLS, FINDS, ECHO,...	Lower	638, 0.121, South
F32	AIM AEROSPACE TACOMA	2620 E G ST	RCRA NonGen / NLR	Lower	638, 0.121, South
H33	CARAUSTAR	808 E 26TH ST	WA SWF/LF, WA ALLSITES, WA ASBESTOS, WA MANIFEST	Lower	650, 0.123, SE
H34	CARAUSTAR	808 E 26TH ST	RCRA-VSQG	Lower	650, 0.123, SE
I35	BNSF TACOMA FUELING	1001 PUYALLUP AVE	WA HSL, WA CSCSL, WA ALLSITES	Higher	697, 0.132, WNW
G36	PRECISION MACHINE WO	925 E 25TH ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	710, 0.134, East
G37	PRECISION MACHINE WO	925 E 25TH ST	RCRA NonGen / NLR	Lower	710, 0.134, East
I38	MANNA PRO CORP	518 PUYALLUP AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Higher	718, 0.136, West

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I39	ALL TRANSMISSIONS PI	505 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	728, 0.138, West
J40	DON ENGLE DISTRIBUTI	2601 E F ST	WA UST, WA ALLSITES	Higher	731, 0.138, SSW
I41	LEGACY RENOVATIONS	511 PUYALLUP AVE	WA ALLSITES	Higher	750, 0.142, West
K42	NEW TACOMA BOX CO	921 E 26TH ST	WA ALLSITES	Lower	762, 0.144, ESE
K43	SOUND TRANSIT TACOMA	XXX E 25TH ST	WA CSCSL, WA ALLSITES	Lower	764, 0.145, ESE
L44	DISCOVERY	502 PUYALLUP AVE	WA UST, WA ALLSITES	Higher	779, 0.148, West
L45	TACOMA DOME STATION	500 PUYALLUP AVE	WA ALLSITES, WA CSCSL NFA	Higher	786, 0.149, West
46	PUGET SOUND METAL	2607 EAST G ST	WA ALLSITES, FINDS	Lower	798, 0.151, South
47	GOLDEN WEST MOTEL	503 E 26TH	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	830, 0.157, SW
L48	PACIFIC CHARTER SCHO	2300 EAST E ST	WA LUST, WA ALLSITES, WA CSCSL NFA	Higher	891, 0.169, West
L49	PACIFIC CHARTER SCHO	2300 EAST E ST	WA UST	Higher	891, 0.169, West
50	SAVAGE WHOLESALE	1001 E 25TH ST	WA ALLSITES	Lower	894, 0.169, East
M51	SMURFIT STONE CONTAI	817 E 27TH ST	WA VCP	Lower	901, 0.171, SE
M52	SMURFIT STONE CONTAI	817 E 27TH ST	WA HSL, WA CSCSL, WA ALLSITES, WA NPDES	Lower	901, 0.171, SE
L53	INDUSTRIAL TIRE SERV	423 PUYALLUP AVE	WA VCP	Higher	901, 0.171, West
L54	CLEVINGER TRUCK SERV	423 PUYALLUP AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	901, 0.171, West
N55	AIRSPARES	415 E 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	933, 0.177, WSW
56	HOLROYD CO TACOMA PL	26TH & J ST E	WA ALLSITES, WA NPDES	Lower	980, 0.186, ESE
L57	BULLS EYE SUPPLY	414 PUYALLUP AVE	WA ALLSITES	Higher	987, 0.187, West
O58	SALVATION ARMY ARC	409 PUYALLUP AVE	WA ALLSITES	Higher	1072, 0.203, West
O59	SALVATION ARMY ARC	409 PUYALLUP AVE	RCRA NonGen / NLR, FINDS, ECHO, WA ASBESTOS	Higher	1072, 0.203, West
O60	SALVATION ARMY ARC	409 PUYALLUP AVE	WA UST	Higher	1072, 0.203, West
N61	F & E INVESTMENTS	401 EA 25 ST	WA UST, WA ALLSITES	Higher	1093, 0.207, WSW
O62	ALFREDS CAFE	402 PUYALLUP AVE	WA ALLSITES	Higher	1112, 0.211, West
P63	INDUSTRIAL PARTS FRI	409 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1128, 0.214, SW
O64	INDUSTRIAL RUBBER &	2307 E D ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1146, 0.217, West
O65	ATLAS TRUCKING INC S	PUYALLUP AVE & D ST	WA ALLSITES, RCRA NonGen / NLR	Higher	1176, 0.223, West
Q66	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1219, 0.231, NW
Q67	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1219, 0.231, NW
Q68	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA CSCSL, WA ALLSITES	Lower	1219, 0.231, NW
69	LRI LONG HAUL INTERM	1941 E D ST	WA ALLSITES, WA NPDES	Lower	1249, 0.237, North
P70	MYSTIC MOCHA	402 E 26TH ST	WA ALLSITES	Higher	1252, 0.237, SW
R71	CASCADE FRICTION MAT	314 PUYALLUP AVE	WA ALLSITES	Higher	1267, 0.240, West
S72	ECOTEX COMPANY	1115 E 25TH ST	RCRA NonGen / NLR	Lower	1268, 0.240, East
S73	ECOTEX COMPANY	1115 E 25TH ST	WA ALLSITES, WA SPILLS	Lower	1268, 0.240, East
R74	JOHNNYS FINE FOOD	319 E 25TH ST	WA ALLSITES	Higher	1291, 0.245, WSW
P75	MELODY MEATS	323 E 26TH ST	WA ALLSITES	Higher	1335, 0.253, WSW
T76	WP FULLER PROPERTY	1109 PUYALLUP AVE	WA ALLSITES, WA CSCSL NFA	Lower	1408, 0.267, ENE
T77	WP FULLER PROPERTY	1109 PUYALLUP AVE	WA VCP	Lower	1408, 0.267, ENE

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R78	TACOMA BIKE	309 PUYALLUP AVE	WA ALLSITES	Higher	1408, 0.267, West
U79	BRLF-06: AMERICAN PL	2130 EAST D STREET	US BROWNFIELDS, FINDS	Lower	1409, 0.267, WNW
U80	BERG SCAFFOLDING CO	2130 E D ST	WA UST, WA ALLSITES, WA NPDES	Lower	1409, 0.267, WNW
V81	SME SOLUTIONS	313 E 26TH ST	WA ALLSITES	Higher	1410, 0.267, WSW
U82	AMERICAN PLATING CO	2110 EAST D ST	SEMS-ARCHIVE	Lower	1411, 0.267, WNW
U83	AMERICAN PLATING	2110 E D ST	CORRACTS, WA INST CONTROL, WA BROWNFIELDS, WA...	Lower	1411, 0.267, WNW
T84	DAIRY QUEEN	1112 PUYALLUP AVE	WA ALLSITES	Higher	1414, 0.268, East
V85	SME CORP	311 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	1417, 0.268, WSW
U86	PICKERING INDUSTRIES	2102 E D ST	WA UST, WA ICR, WA ALLSITES, RCRA NonGen / NLR,...	Lower	1418, 0.269, WNW
87	BNRR TACOMA YARD PAR	21ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1449, 0.274, NW
W88	GONZALES MOTORS	301 PUYALLUP AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Higher	1483, 0.281, West
89	BNSF RAILWAY COMPANY	610 E 21ST ST	WA ALLSITES, WA SPILLS, WA MANIFEST, WA NPDES	Lower	1489, 0.282, NNW
V90	EDGE TECHNOLOGIES	314 E 26TH ST	WA ALLSITES	Higher	1502, 0.284, SW
V91	TOD DRESSEL PRIVATE	306 308 314 E 26TH S	WA ALLSITES, WA CSCSL NFA, WA MANIFEST	Higher	1502, 0.284, SW
V92	DRESSEL PROPERTY	306 308 314 E 26TH S	WA VCP	Higher	1502, 0.284, SW
93	REP ELELCTRIC INC	1121 E 26TH ST	WA ALLSITES	Higher	1507, 0.285, East
X94	STONE PROPERTY TRANS	E 25TH & E C ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	1565, 0.296, WSW
X95	STONE PROPERTY TRANS	E 25TH & E C ST	WA VCP	Higher	1565, 0.296, WSW
W96	STAR TOURS	224 PUYALLUP AVE	WA ALLSITES	Higher	1622, 0.307, West
Y97	VALLEY PUB	1206 PUYALLUP AVE	WA ALLSITES	Higher	1632, 0.309, East
W98	MCLEANS AUTO REPAIR	221 1/2 PUYALLUP AVE	WA ALLSITES, FINDS	Higher	1662, 0.315, West
W99	EVERGREEN EQUIPMENT	221 PUYALLUP AVE	WA ALLSITES	Higher	1662, 0.315, West
X100	FRONTIER TRANSPORTAT	217 EAST 25TH ST	WA UST, WA ALLSITES	Higher	1718, 0.325, WSW
X101	GOLDEN LINE RECYCLIN	217 E 25TH ST	WA ALLSITES	Higher	1718, 0.325, WSW
Z102	AEROSTAR ENGINEERING	2619 E L ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1732, 0.328, ESE
Y103	ASSOCIATED PETROLEUM	1214 PUYALLUP AVE	WA CSCSL, WA ALLSITES	Higher	1733, 0.328, East
AA104	MAXI SEEDS INC	21ST & D ST	WA ALLSITES, RCRA NonGen / NLR	Lower	1742, 0.330, NW
AB105	STORAGE BOX THE	216 PUYALLUP AVE	WA ALLSITES	Higher	1745, 0.330, West
AB106	CITY OF TACOMA - DOC	201 PUYALLUP AVE	WA SWF/LF	Higher	1763, 0.334, West
107	AT&T WIRELESS TACOMA	222 E 26TH ST	WA ALLSITES, FINDS	Higher	1764, 0.334, WSW
Y108	PUYALLUP AVE GAS STA	1201-1203 PUYALLUP A	WA CSCSL, WA LUST, WA ALLSITES	Lower	1773, 0.336, ENE
Y109	PUYALLUP AVE GAS STA	1201-1203 PUYALLUP A	WA VCP	Lower	1773, 0.336, ENE
Y110	LD KITCHEN AND BATH	1201 PUYALLUP AVE	WA ALLSITES, FINDS, WA MANIFEST, WA UIC	Lower	1773, 0.336, ENE
111	SUPERVALU INC	490 E 19TH ST	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	1787, 0.338, NNE
AC112	SUPERVALU INC BLDG 1	480 E 19TH	WA ALLSITES, FINDS	Lower	1794, 0.340, North
AD113	PACIFIC TRANSPORTATI	440 E 19TH ST	WA ALLSITES, WA CSCSL NFA, RCRA NonGen / NLR,...	Lower	1813, 0.343, NNW
AA114	PICKS COVE MARINA	1940 E D ST	WA VCP	Lower	1837, 0.348, NW
AA115	PICKS COVE MARINA	1940 E D ST	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA, WA...	Lower	1837, 0.348, NW
AE116	TACOMA CENTER MOTEL	1220 PUYALLUP AVE	WA ALLSITES	Higher	1847, 0.350, East

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AF117	DOCK STREET STATION	2301 E B ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	1847, 0.350, West
AD118	SUPERVALU MEAT WAREH	475 E 19TH ST	WA ALLSITES, FINDS, ECHO, WA NPDES	Lower	1850, 0.350, NNW
AE119	L STREET LAYOVER EXP		WA ALLSITES	Higher	1855, 0.351, East
AC120	SUPERVALU AMMONIA RE	590 E. 19TH	SEMS, FINDS	Lower	1893, 0.359, North
AG121	TACOMA TRANSLOAD INC	501 E 19TH ST	WA CSCSL, WA ALLSITES, WA SPILLS, WA NPDES	Lower	1899, 0.360, North
AG122	TACOMA TRANSLOAD INC	501 E 19TH ST	WA VCP	Lower	1899, 0.360, North
AH123	NICHOLS TRUCKING CO	424 E 19TH ST	WA UST, WA ICR, RCRA NonGen / NLR, FINDS, ECHO	Lower	1907, 0.361, NNW
AH124	NICHOLS TRUCKING CO	424 E 19TH ST	WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA...	Lower	1907, 0.361, NNW
Z125	AIRSPARES	2617 L ST E	WA LUST, WA UST, WA INST CONTROL, WA ALLSITES, WA...	Higher	1911, 0.362, ESE
Z126	AIR SPARES INC	2617 E L ST	WA VCP	Higher	1911, 0.362, ESE
AG127	SUPERVALU INTERNATIO	495 E 19TH ST	WA ALLSITES	Lower	1915, 0.363, North
128	BURLINGTON NORTHERN	RIGHT-OF-WAY TAR PIT	SEMS	Lower	1916, 0.363, NE
AI129	HERITAGE CRYSTAL CLE	1901 E D ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	1933, 0.366, NW
AI130	ALL SAFE ENVIRONMENT	1901 E D ST STE A	WA ALLSITES	Lower	1933, 0.366, NW
131	MCKINLEY PARK	907 UPPER PARK ST	WA CSCSL, WA ALLSITES	Higher	1941, 0.368, South
AF132	NW FURNITURE BANK	117 PUYALLUP AVE TAC	WA SWRCY	Higher	1958, 0.371, West
AJ133	TACOMA SPUR	24TH S AND EAST A (I	SEMS	Higher	2005, 0.380, West
AK134	DEPT OF PUBLIC ASSEM	2727 E D ST	WA VCP	Higher	2019, 0.382, SSW
AK135	DEPT OF PUBLIC ASSEM	2727 E D ST	WA LUST, WA ALLSITES, WA CSCSL NFA, RCRA NonGen /...	Higher	2019, 0.382, SSW
AK136	TACOMA CITY OF TACOM	2727 E D ST	WA UST, WA ICR	Higher	2019, 0.382, SSW
137	DOCK STREET OVERPASS	21ST & DOCK ST	WA UST, WA ALLSITES	Lower	2036, 0.386, WNW
AL138	MAJOR PETROLEUM B.P.	1302 PUYALLUP AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Higher	2055, 0.389, East
AL139	UNOCAL 76 MAJOR PETR	1302 PUYALLUP AVE	WA VCP	Higher	2055, 0.389, East
AL140	TAFT & COMPANY 1239	1239 PUYALLUP AVE	WA LUST, WA ALLSITES, WA CSCSL NFA	Lower	2061, 0.390, ENE
AL141	TAFT & COMPANY 1239	1239 PUYALLUP AVE	WA VCP	Lower	2061, 0.390, ENE
AL142	TAFT & COMPANY	1239 PUYALLUP AVE.	WA ICR	Lower	2061, 0.390, ENE
AJ143	KIEWIT PACIFIC CO TA	132 PUYALLUP AVE	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2126, 0.403, West
AM144	MPS INC	457 E 18TH ST FRONT	WA ALLSITES, FINDS, ECHO	Lower	2140, 0.405, North
AM145	TRUCK RAIL HANDLING	457 E 18TH ST TRANSP	WA ALLSITES, RCRA NonGen / NLR	Lower	2140, 0.405, North
AM146	ARROW TRANSPORTATION	457 E 18TH ST ARROW	WA ALLSITES, ICIS, FINDS, ECHO	Lower	2140, 0.405, North
AM147	SAFETY KLEEN SYSTEMS	457 E 18TH ST	WA ALLSITES	Lower	2140, 0.405, North
AM148	TRUCK RAIL HANDLING	457 E 18TH ST	RCRA-VSQG, WA HSL, WA CSCSL, WA ALLSITES, WA...	Lower	2140, 0.405, North
AN149	NORTH COAST ELECTRIC	1301 E 26TH ST	WA ALLSITES	Higher	2142, 0.406, East
AO150	ALL COTE COATINGS IN	1311 E 25TH ST	WA ALLSITES	Higher	2165, 0.410, East
AN151	HERITAGE ENTERPRISES	1321 E 26TH ST	WA ALLSITES, FINDS	Higher	2181, 0.413, East
AP152	JOHNNYS DOCK MARINA	1900 E D ST	WA ALLSITES, WA SPILLS	Lower	2181, 0.413, NW
AJ153	ALMAR INC TACOMA	119 1/2 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2188, 0.414, West
AN154	TACOMA MOVING & STOR	1314 E 26TH ST	WA ALLSITES	Higher	2210, 0.419, East
AQ155	TAFT & COMPANY	1247 PUYALLUP AVENUE	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA	Lower	2219, 0.420, ENE

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AQ156	TAFT & COMPANY	1247 PUYALLUP AVE	WA VCP	Lower	2219, 0.420, ENE
AQ157	WASHINGTON TEXTILE C	1247 PUYALLUP AVE.	WA ICR	Lower	2219, 0.420, ENE
AR158	STANDARD CHEMICAL CO	2159 DOCK ST	WA HSL, WA CSCSL, WA INST CONTROL, WA ALLSITES	Higher	2235, 0.423, WNW
AS159	BROWN & HALEY INC FA	110 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2238, 0.424, WSW
AT160	PUGET SOUND TIRE	102 PUYALLUP RD	WA ALLSITES	Higher	2252, 0.427, West
AU161	SUPERVALU HOLDINGS I	448 E 18TH ST	WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA...	Lower	2254, 0.427, NNW
AU162	WEST COAST FRUIT & P	448 E. 18TH ST.	WA ICR	Lower	2254, 0.427, NNW
AO163	LILYBLAD PETROLEUM I	1313 E 25TH ST	WA SWF/LF, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2259, 0.428, East
AL164	BETTE MCBRIER	1320 PUYALLUP AVE	WA CSCSL, WA UST, WA ALLSITES, WA ASBESTOS	Higher	2261, 0.428, East
AP165	TACOMA FIXTURE CO.	1815 E D ST	WA ALLSITES, RCRA NonGen / NLR, ICIS, US AIRS, WA...	Lower	2266, 0.429, NW
166	THEA FOSS WATERWAY E	2101 DOCK ST	WA ALLSITES	Lower	2269, 0.430, WNW
167	SPRING BACK MATTRESS	2301 DOCK STREET	WA SWF/LF, WA SWRCY	Higher	2284, 0.433, West
168	SUPERVALU INC BLDG 1	420 E 18TH ST	WA ALLSITES, WA SPILLS, WA MANIFEST	Lower	2327, 0.441, NNW
AV169	TACOMA COAL GASIFICA	A STREET	EDR MGP	Higher	2378, 0.450, West
170	SUPERVALU INTERNATIO	1801 E D ST	WA ALLSITES	Lower	2390, 0.453, NNW
AV171	PSE TACOMA	2205 A ST	WA ALLSITES, FINDS, ECHO	Higher	2406, 0.456, West
172	TACOMA REDEVELOPMENT	THEA FOSS WATERWAY	WA HSL, WA CSCSL, WA INST CONTROL, WA BROWNFIELDS...	Lower	2408, 0.456, WNW
AT173	HOLLAND QUALITY CLEA	102 S 24TH ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Higher	2414, 0.457, West
AT174	ACTION BUSINESS FURN	102 S 24TH ST	WA UST, WA ICR	Higher	2414, 0.457, West
AS175	SOUND TRANSIT TACOMA	115 S 26TH ST	WA HSL, WA CSCSL, WA ALLSITES, WA MANIFEST	Higher	2424, 0.459, WSW
AS176	MCMACKEN PROPERTY SO	115 S 26TH ST	WA VCP	Higher	2424, 0.459, WSW
AW177	TACOMA CITY SIGN SHO	1423 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2449, 0.464, ENE
AR178	TACOMA COAL GASIFICA	E 22ND AND A STS	EDR MGP	Higher	2464, 0.467, WNW
AX179	POWDER COATING SYSTE	109 S 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2482, 0.470, West
AV180	TACOMA COAL GASIFICA	22ND ST & A ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	2488, 0.471, WNW
AW181	AABERGS INC	1407 PUYALLUP AVE	WA UST, WA ALLSITES	Lower	2492, 0.472, ENE
182	HOOD ST RESERVOIR	3110 I ST S	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2499, 0.473, SSE
AV183	CARLSON FORMETEC	2202 A ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2501, 0.474, West
AW184	AABERGS TOOL & EQUIP	1424 PUYALLUP AVE	WA UST, WA ALLSITES, WA ASBESTOS	Higher	2507, 0.475, East
185	PORTERS ON THE GO	2615 E N ST	WA ALLSITES	Higher	2516, 0.477, East
AY186	PINGCO INTERNATIONAL	102 S 26TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2527, 0.479, WSW
AZ187	ELEPHANT CAR WASH PA	2501 PACIFIC AVE	WA ALLSITES, WA Financial Assurance	Higher	2538, 0.481, WSW
188	BNSF D ST PIPELINE	18TH & D ST	WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	2581, 0.489, NW
189	RACEWAY TECHNOLOGY I	1427 E 26TH ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST, WA NPDES	Higher	2601, 0.493, East
AZ190	TEXACO #63 232 0351	2523 PACIFIC AVE.	WA CSCSL, WA LUST, WA ICR, WA ALLSITES	Higher	2612, 0.495, WSW
AZ191	2523 PACIFIC TEXACO	2523 PACIFIC AVE	WA VCP	Higher	2612, 0.495, WSW
AX192	FOREMOST DAIRY	2413 PACIFIC AVE S	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2627, 0.498, WSW
193	US BANK PACIFIC AVE	2317 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES, WA ASBESTOS	Higher	2633, 0.499, West
AY194	CHEERS RESTAURANT	2611 PACIFIC AVE	WA CSCSL, WA LUST, WA ALLSITES	Higher	2700, 0.511, WSW

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
195	AMERICAN PETROLEUM E	2117 E RIVER ST	WA CSCSL, WA SWF/LF, WA ALLSITES, FINDS, ECHO, WA...	Lower	2728, 0.517, ENE
196	PSE TACOMA HISTORICA	2200 E RIVER ST	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	2750, 0.521, NE
197	SUPERVALU NORTHWEST	1525 E D ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	2775, 0.526, NNW
198	CHEVRON BULK PLANT U	1656 E J ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	2791, 0.529, North
199	PILOT TRAVEL CENTER	1440 PUYALLUP AVE	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES, WA...	Lower	2872, 0.544, East
BA200	WA DOT DEDENTE BUILD	2101 PACIFIC AVENUE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2907, 0.551, WNW
BA201	PUGNETTI PARK	2085 PACIFIC AVE S	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	2912, 0.552, WNW
202	28TH ST CITY OF TACO	2801 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES, FINDS, WA ASBESTOS	Higher	2973, 0.563, SW
203	SMITTYS FLEET SVC IN	2718 PACIFIC AVE	WA CSCSL, WA LUST, WA UST, WA SWRCY, WA ALLSITES,...	Higher	3005, 0.569, WSW
BB204	UNION STATION MUSEUM	1917 PACIFIC AVE SO	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3067, 0.581, WNW
BB205	WASHINGTON STATE HIS	1911 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES	Higher	3071, 0.582, WNW
BC206	ON THE WATER LLC	2502 S C ST	WA CSCSL, WA LUST, WA ALLSITES, WA MANIFEST	Higher	3158, 0.598, WSW
207	TACOMA TAR PITS	PORTLAND AV & RIVER	SEMS, WA HSL, WA CSCSL, WA ALLSITES, CONSENT	Lower	3226, 0.611, NE
208	WSDOT SR 705 ON RAMP		WA CSCSL, WA ALLSITES	Higher	3238, 0.613, SW
BC209	25TH & HOLGATE S TAC	25TH & HOLGATE S	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	3241, 0.614, WSW
210	COLUMBIA ENERGY RESO	2120 S C ST	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES	Higher	3254, 0.616, West
BB211	SHAUB ELLISON CO TAC	1902 PACIFIC AVE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3260, 0.617, WNW
BD212	UNIVERSITY OF WASHIN	1904 COMMERCE ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3304, 0.626, WNW
213	UNION PACIFIC RAILRO	2300 CLEVELAND WAY	WA CSCSL, WA ALLSITES	Lower	3352, 0.635, ENE
BD214	R & R INVESTMENT	1920 C ST S	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3393, 0.643, WNW
BD215	WA UW TACOMA BR CAMP	1930 C ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, WA ALLSITES,...	Higher	3403, 0.645, WNW
216	RAINIER RICHLITE CO	624 E 15TH ST	RCRA-VSQG, WA CSCSL, WA LUST, WA ALLSITES, TRIS,...	Lower	3431, 0.650, North
217	WA UW TACOMA BRANCH	1900 COMMERCE	WA HSL, WA CSCSL, WA ALLSITES	Higher	3459, 0.655, WNW
218	TACOMA UNION STA	1717 PACIFIC AVE	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	3477, 0.659, WNW
219	TACOMA CENTRAL NO 1	2201 E PORTLAND AVE	WA HSL, WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS,...	Lower	3484, 0.660, NE
220	BNSF S HOOD ST RENTA	S HOOD ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	3517, 0.666, WSW
BE221	SUNNEN CRANE CO INC	2323 E Q ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ICR, WA...	Lower	3537, 0.670, East
BE222	RENTAL SERVICE CORPO	2302 E Q ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Lower	3559, 0.674, East
BE223	SEATTLE TRANSFER	1701 BAY ST	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Lower	3574, 0.677, East
224	CAMARANO BROTHERS	2340 JEFFERSON AVE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3621, 0.686, West
225	TACOMA METALS SITE	1919 PORTLAND AVE	WA HSL, WA CSCSL, WA VCP, WA ALLSITES, RCRA NonGen	Lower	3625, 0.687, NNE
226	UNION PACIFIC RR TUN	JEFFERSON & 25TH & C	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	3638, 0.689, WSW
227	J M MARTINAC SHIPBUI	401 E 15TH ST	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES, WA...	Lower	3660, 0.693, NNW
228	CLEANER PRESSURE WAS	1820 E PORTLAND AVE	WA CSCSL, WA ALLSITES	Lower	3668, 0.695, NNE
229	DOCK STREET	1501 E DOCK ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	3951, 0.748, NW
BF230	PRAIRIE LINE TRAIL	1547 PACIFIC AVE	WA CSCSL, WA ALLSITES	Higher	3977, 0.753, NW
BF231	PACIFIC QUICKSTOP	1548 PACIFIC AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3990, 0.756, NW
232	UNION PACIFIC RAILRO	1228 ST PAUL AVE	WA CSCSL, WA ALLSITES	Lower	4082, 0.773, North
233	BNSF RAILROAD ROW MP	38.5 MILEPOST	WA CSCSL, WA ALLSITES	Lower	4098, 0.776, East

MAPPED SITES SUMMARY

Target Property Address:
704 PUYALLUP AVE
TACOMA, WA 98421

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
234	TACOMA CHRISTIAN CEN	3523 MCKINLEY AVE	WA CSCSL, WA ALLSITES, WA ASBESTOS	Higher	4214, 0.798, SSE
235	ROMAN MEAL COMPANY	2101 SO TACOMA WAY P	WA CSCSL, WA UST, WA ALLSITES	Higher	4259, 0.807, West
236	TACOMA CITY CONVENTI	1500 BROADWAY	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	4363, 0.826, NW
237	NEWMAN RECYCLING	409 E MORTON ST	WA HSL, WA CSCSL, WA ALLSITES, RCRA NonGen / NLR,...	Higher	4515, 0.855, South
BG238	USPS DOWNTOWN TACOMA	S 14TH ST & COURT A	WA HSL, WA CSCSL, WA ALLSITES	Higher	4598, 0.871, NW
BG239	SAUROS CLEANERAMA TA	1401 S PACIFIC AVE	WA HSL, WA CSCSL, WA INST CONTROL, WA ALLSITES,...	Higher	4614, 0.874, NW
240	1502 MARKET ST TACOM	1502 MARKET ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	4768, 0.903, NW
241	35TH ST LANDFILL CIT	S 35TH ST & PACIFIC	WA CSCSL, WA ALLSITES, FINDS	Higher	4792, 0.908, SSW
242	PETRICH MARINE DOCK	1118 TO 1120 E D ST	WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	4813, 0.912, NNW
243	FLOWSERVE CORPORATIO	2007 STEWART ST	WA CSCSL, WA ALLSITES, WA MANIFEST	Lower	4823, 0.913, NE
244	PIERCE COUNTY TAX TI	1621 E PORTLAND AVE	WA CSCSL, WA ALLSITES	Lower	4921, 0.932, NNE
245	KAHNE & KAHNE PROPER	2117 YAKIMA AVE	WA CSCSL, WA ALLSITES	Higher	4935, 0.935, West
BH246	MIDDLE WATERWAY STEE	E F ST & 11TH ST	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Lower	4985, 0.944, North
247	LYDEN CASTPARTS INC	652 E 11TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES, FINDS	Lower	5055, 0.957, North
BH248	EAST F STREET SUBSTA	1015 E F ST	WA CSCSL, WA ALLSITES	Lower	5098, 0.966, North
249	A STREET SITE	1201 A ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Higher	5136, 0.973, NW
250	VILLAGIO II APARTMEN	1328 MARKET ST	WA CSCSL, WA ALLSITES, FINDS	Higher	5156, 0.977, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FORMER TEXACO SERVIC 704 PUYALLUP AVE TACOMA, WA 98421	WA CSCSL Site Status: Cleanup Started Clean Up Siteid: 14432 Facility ID: 78349 Soil: Below Cleanup Levels Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Arsenic Contaminant Name: Lead Contaminant Name: Metals - Other Contaminant Name: Petroleum-Gasoline WA ALLSITES Facility Id: 78349	N/A
FORMER TEXACO SERVIC 704 PUYALLUP AVE TACOMA, WA 98421	WA VCP VCP: TRUE Facility ID: 78349 VCP: TRUE Cleanup Siteid: 14432	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
WA AST..... Aboveground Storage Tank Locations
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
WA CDL..... Clandestine Drug Lab Contaminated Site List
WA HIST CDL..... List of Sites Contaminated by Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register
WA AQUEOUS FOAM..... Firefighting Foam Incidents
WA PFAS..... PFAS Contamination Site Location Listing

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

WA SPILLS 90 ---------- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites
DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---------- Financial Assurance Information
EPA WATCH LIST ---------- EPA WATCH LIST
TSCA ---------- Toxic Substances Control Act
SSTS ---------- Section 7 Tracking Systems
ROD ---------- Records Of Decision
RMP ---------- Risk Management Plans
PRP ---------- Potentially Responsible Parties
PADS ---------- PCB Activity Database System
FTTS ---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---------- Material Licensing Tracking System
COAL ASH DOE ---------- Steam-Electric Plant Operation Data
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---------- PCB Transformer Registration Database
RADINFO ---------- Radiation Information Database
HIST FTTS ---------- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---------- Incident and Accident Data
FUSRAP ---------- Formerly Utilized Sites Remedial Action Program
UMTRA ---------- Uranium Mill Tailings Sites
LEAD SMELTERS ---------- Lead Smelter Sites
US MINES ---------- Mines Master Index File
ABANDONED MINES ---------- Abandoned Mines
UXO ---------- Unexploded Ordnance Sites
DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---------- EPA Fuels Program Registered Listing
WA AIRS ---------- Washington Emissions Data System
WA COAL ASH ---------- Coal Ash Disposal Site Listing
MINES MRDS ---------- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner ---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WA RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
WA RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
WA RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there are 3 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA SPUR Site ID: 1001025 EPA Id: WAD980835789	24TH S AND EAST A (I	W 1/4 - 1/2 (0.380 mi.)	AJ133	699

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERVALU AMMONIA RE	***590 E. 19TH***	***N 1/4 - 1/2 (0.359 mi.)***	***AC120***	***560***
BURLINGTON NORTHERN Site ID: 1000960 EPA Id: WAD980723498	RIGHT-OF-WAY TAR PIT	NE 1/4 - 1/2 (0.363 mi.)	128	582

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2020 has revealed that there

is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING CO Site ID: 1000796 EPA Id: WAD083350231	2110 EAST D ST	WNW 1/4 - 1/2 (0.267 mi.)	U82	316

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WA UW TACOMA BR CAMP EPA ID:: WAD980664718	***1930 C ST***	***WNW 1/2 - 1 (0.645 mi.)***	***BD215***	***1361***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING EPA ID:: WAD083350231	***2110 E D ST***	***WNW 1/4 - 1/2 (0.267 mi.)***	***U83***	***318***

Federal RCRA generators list

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARAUSTAR EPA ID:: WAH000050232	808 E 26TH ST	SE 0 - 1/8 (0.123 mi.)	H34	165

State- and tribal - equivalent NPL

WA HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the WA HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there are 38

EXECUTIVE SUMMARY

WA HSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH SOUND RADIATOR Facility Type: Hazardous Sites List FSID Number: 8785404 Facility Status: Awaiting Cleanup	***509 PUYALLUP AVE***	***W 0 - 1/8 (0.117 mi.)***	***I29***	***84***
BNSF TACOMA FUELING Facility Type: Hazardous Sites List FSID Number: 7981609 Facility Status: Awaiting Cleanup	***1001 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.132 mi.)***	***I35***	***176***
CLEVINGER TRUCK SERV Facility Type: Hazardous Sites List FSID Number: 3291385 Facility Status: Cleanup Started	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.171 mi.)***	***L54***	***222***
STONE PROPERTY TRANS Facility Type: Hazardous Sites List FSID Number: 3782573 Facility Status: Cleanup Started	***E 25TH & E C ST***	***WSW 1/4 - 1/2 (0.296 mi.)***	***X94***	***436***
MAJOR PETROLEUM B.P. Facility Type: Hazardous Sites List FSID Number: 61931157 Facility Status: Cleanup Started	***1302 PUYALLUP AVE***	***E 1/4 - 1/2 (0.389 mi.)***	***AL138***	***747***
STANDARD CHEMICAL CO Facility Type: Hazardous Sites List FSID Number: 85776142 Facility Status: CC-Perf. Monitoring	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.423 mi.)***	***AR158***	***842***
SOUND TRANSIT TACOMA Facility Type: Hazardous Sites List FSID Number: 7912006 Facility Status: Cleanup Started	***115 S 26TH ST***	***WSW 1/4 - 1/2 (0.459 mi.)***	***AS175***	***999***
TACOMA COAL GASIFICA Facility Type: Hazardous Sites List FSID Number: 1249 Facility Status: Cleanup Started	***22ND ST & A ST***	***WNW 1/4 - 1/2 (0.471 mi.)***	***AV180***	***1074***
FOREMOST DAIRY Facility Type: Hazardous Sites List FSID Number: 22019 Facility Status: Cleanup Started	***2413 PACIFIC AVE S***	***WSW 1/4 - 1/2 (0.498 mi.)***	***AX192***	***1237***
US BANK PACIFIC AVE Facility Type: Hazardous Sites List FSID Number: 10919 Facility Status: Cleanup Started	***2317 PACIFIC AVE***	***W 1/4 - 1/2 (0.499 mi.)***	***193***	***1241***
PUGNETTI PARK Facility Type: Hazardous Sites List FSID Number: 42385149 Facility Status: Awaiting Cleanup	***2085 PACIFIC AVE S***	***WNW 1/2 - 1 (0.552 mi.)***	***BA201***	***1312***
28TH ST CITY OF TACO Facility Type: Hazardous Sites List FSID Number: 362821 Facility Status: Cleanup Started	***2801 PACIFIC AVE***	***SW 1/2 - 1 (0.563 mi.)***	***202***	***1314***
WASHINGTON STATE HIS	***1911 PACIFIC AVE***	***WNW 1/2 - 1 (0.582 mi.)***	***BB205***	***1335***

Facility Type: Hazardous Sites List FSID Number: 4553045 Facility Status: Awaiting Cleanup				
25TH & HOLGATE S TAC Facility Type: Hazardous Sites List FSID Number: 16358 Facility Status: Cleanup Started	***25TH & HOLGATE S***	***WSW 1/2 - 1 (0.614 mi.)***	***BC209***	***1344***
WA UW TACOMA BRANCH Facility Type: Hazardous Sites List FSID Number: 1325 Facility Status: Cleanup Started	***1900 COMMERCE***	***WNW 1/2 - 1 (0.655 mi.)***	***217***	***1514***
BNSF S HOOD ST RENTA Facility Type: Hazardous Sites List FSID Number: 969 Facility Status: Awaiting Cleanup	***S HOOD ST***	***WSW 1/2 - 1 (0.666 mi.)***	***220***	***1525***
UNION PACIFIC RR TUN Facility Type: Hazardous Sites List FSID Number: 1292 Facility Status: Awaiting Cleanup	***JEFFERSON & 25TH & C***	***WSW 1/2 - 1 (0.689 mi.)***	***226***	***1584***
PACIFIC QUICKSTOP Facility Type: Hazardous Sites List FSID Number: 74455879 Facility Status: Cleanup Started	***1548 PACIFIC AVE***	***NW 1/2 - 1 (0.756 mi.)***	***BF231***	***1641***
TACOMA CITY CONVENTI Facility Type: Hazardous Sites List FSID Number: 8168704 Facility Status: Awaiting Cleanup	***1500 BROADWAY***	***NW 1/2 - 1 (0.826 mi.)***	***236***	***1660***
NEWMAN RECYCLING Facility Type: Hazardous Sites List FSID Number: 69871828 Facility Status: Awaiting Cleanup	***409 E MORTON ST***	***S 1/2 - 1 (0.855 mi.)***	***237***	***1662***
USPS DOWNTOWN TACOMA Facility Type: Hazardous Sites List FSID Number: 99997000 Facility Status: Awaiting Cleanup	***S 14TH ST & COURT A***	***NW 1/2 - 1 (0.871 mi.)***	***BG238***	***1673***
SAUROS CLEANERAMA TA Facility Type: Hazardous Sites List FSID Number: 4339824 Facility Status: CC-Perf. Monitoring	***1401 S PACIFIC AVE***	***NW 1/2 - 1 (0.874 mi.)***	***BG239***	***1675***
1502 MARKET ST TACOM Facility Type: Hazardous Sites List FSID Number: 72222742 Facility Status: Cleanup Started	***1502 MARKET ST***	***NW 1/2 - 1 (0.903 mi.)***	***240***	***1711***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SMURFIT STONE CONTAI Facility Type: Hazardous Sites List FSID Number: 17167958 Facility Status: Cleanup Started	***817 E 27TH ST***	***SE 1/8 - 1/4 (0.171 mi.)***	***M52***	***219***
BNRR TACOMA YARD PAR	***21ST ST & S D ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***Q66***	***291***

Facility Type: Hazardous Sites List FSID Number: 1267 Facility Status: Cleanup Started				
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 3466912 Facility Status: Awaiting Cleanup	***21ST ST & S D ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***Q67***	***293***
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 91663719 Facility Status: Cleanup Started	***21ST & S D ST***	***NW 1/4 - 1/2 (0.274 mi.)***	***87***	***415***
TRUCK RAIL HANDLING Facility Type: Hazardous Sites List FSID Number: 63316697 Facility Status: Awaiting Cleanup	***457 E 18TH ST***	***N 1/4 - 1/2 (0.405 mi.)***	***AM148***	***774***
TACOMA REDEVELOPMENT Facility Type: Hazardous Sites List FSID Number: 1263 Facility Status: CC-Perf. Monitoring	***THEA FOSS WATERWAY***	***WNW 1/4 - 1/2 (0.456 mi.)***	***172***	***950***
SUPERVALU NORTHWEST Facility Type: Hazardous Sites List FSID Number: 46295623 Facility Status: Cleanup Started	***1525 E D ST***	***NNW 1/2 - 1 (0.526 mi.)***	***197***	***1291***
CHEVRON BULK PLANT U Facility Type: Hazardous Sites List FSID Number: 1234 Facility Status: Cleanup Started	***1656 E J ST***	***N 1/2 - 1 (0.529 mi.)***	***198***	***1298***
TACOMA TAR PITS Facility Type: Hazardous Sites List FSID Number: 221 Facility Status: CC-Perf. Monitoring	***PORTLAND AV & RIVER***	***NE 1/2 - 1 (0.611 mi.)***	***207***	***1340***
TACOMA CENTRAL NO 1 Facility Type: Hazardous Sites List FSID Number: 92562654 Facility Status: Cleanup Started	***2201 E PORTLAND AVE***	***NE 1/2 - 1 (0.660 mi.)***	***219***	***1521***
SUNNEN CRANE CO INC Facility Type: Hazardous Sites List FSID Number: 61656248 Facility Status: Cleanup Started	***2323 E Q ST***	***E 1/2 - 1 (0.670 mi.)***	***BE221***	***1526***
SEATTLE TRANSFER Facility Type: Hazardous Sites List FSID Number: 1228 Facility Status: Awaiting Cleanup	***1701 BAY ST***	***E 1/2 - 1 (0.677 mi.)***	***BE223***	***1562***
TACOMA METALS SITE Facility Type: Hazardous Sites List FSID Number: 1257 Facility Status: Cleanup Started	***1919 PORTLAND AVE***	***NNE 1/2 - 1 (0.687 mi.)***	***225***	***1568***
DOCK STREET Facility Type: Hazardous Sites List FSID Number: 12454784 Facility Status: Cleanup Started	***1501 E DOCK ST***	***NW 1/2 - 1 (0.748 mi.)***	***229***	***1637***
MIDDLE WATERWAY STEE	***E F ST & 11TH ST***	***N 1/2 - 1 (0.944 mi.)***	***BH246***	***1739***

Facility Type: Hazardous Sites List
FSID Number: 55212794
Facility Status: CC-Perf. Monitoring

State- and tribal - equivalent CERCLIS

WA CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the WA CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 87 WA CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE,	***602 E 25TH ST***	***SW 0 - 1/8 (0.069 mi.)***	***C17***	***65***
Site Status: Cleanup Started Clean Up Siteid: 14416 Facility ID: 206719 Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Arsenic Contaminant Name: Petroleum-Other Contaminant Name: Polycyclic Aromatic Hydrocarbons				
SOUTH SOUND RADIATOR	***509 PUYALLUP AVE***	***W 0 - 1/8 (0.117 mi.)***	***I29***	***84***
Site Status: Awaiting Cleanup Clean Up Siteid: 3600 Facility ID: 8785404 Soil: Confirmed Above Cleanup Levels Ground Water: Suspected Contaminant Name: Non-Halogenated Solvents Contaminant Name: Petroleum Products-Unspecified				
BNSF TACOMA FUELING	***1001 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.132 mi.)***	***I35***	***176***
Site Status: Awaiting Cleanup Clean Up Siteid: 1634 Facility ID: 7981609 Soil: Suspected Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Benzene Contaminant Name: Non-Halogenated Solvents Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Petroleum-Diesel				
CLEVINGER TRUCK SERV	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.171 mi.)***	***L54***	***222***
Site Status: Cleanup Started Clean Up Siteid: 5316 Facility ID: 3291385 Soil: Confirmed Above Cleanup Levels Ground Water: Suspected Contaminant Name: Metals Priority Pollutants				

Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline

STONE PROPERTY TRANS ***E 25TH & E C ST*** ***WSW 1/4 - 1/2 (0.296 mi.)*** ***X94*** ***436***
Site Status: Cleanup Started
Clean Up Siteid: 401
Facility ID: 3782573
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

ASSOCIATED PETROLEUM ***1214 PUYALLUP AVE*** ***E 1/4 - 1/2 (0.328 mi.)*** ***Y103*** ***458***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12514
Facility ID: 4676
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Metals - Other
**Additional key fields are available in the Map Findings section*

MCKINLEY PARK ***907 UPPER PARK ST*** ***S 1/4 - 1/2 (0.368 mi.)*** ***131*** ***697***
Site Status: Awaiting Cleanup
Clean Up Siteid: 11450
Facility ID: 12317
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Polycyclic Aromatic Hydrocarbons

MAJOR PETROLEUM B.P. ***1302 PUYALLUP AVE*** ***E 1/4 - 1/2 (0.389 mi.)*** ***AL138*** ***747***
Site Status: Cleanup Started
Clean Up Siteid: 6385
Facility ID: 61931157
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

STANDARD CHEMICAL CO ***2159 DOCK ST*** ***WNW 1/4 - 1/2 (0.423 mi.)*** ***AR158*** ***842***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 4375
Facility ID: 85776142
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Phenolic Compounds
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

BETTE MCBRIER ***1320 PUYALLUP AVE*** ***E 1/4 - 1/2 (0.428 mi.)*** ***AL164*** ***893***
Site Status: Awaiting Cleanup

Clean Up Siteid: 13150
Facility ID: 64297321
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

HOLLAND QUALITY CLEA ***102 S 24TH ST*** ***W 1/4 - 1/2 (0.457 mi.)*** ***AT173*** ***988***
Site Status: Cleanup Started
Clean Up Siteid: 10614
Facility ID: 81634828
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

SOUND TRANSIT TACOMA ***115 S 26TH ST*** ***WSW 1/4 - 1/2 (0.459 mi.)*** ***AS175*** ***999***
Site Status: Cleanup Started
Clean Up Siteid: 1107
Facility ID: 7912006
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

TACOMA COAL GASIFICA ***22ND ST & A ST*** ***WNW 1/4 - 1/2 (0.471 mi.)*** ***AV180*** ***1074***
Site Status: Cleanup Started
Clean Up Siteid: 3675
Facility ID: 1249
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Phenolic Compounds
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

PINGCO INTERNATIONAL ***102 S 26TH ST*** ***WSW 1/4 - 1/2 (0.479 mi.)*** ***AY186*** ***1221***
Site Status: Cleanup Started
Clean Up Siteid: 7756
Facility ID: 7640591
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

TEXACO #63 232 0351 ***2523 PACIFIC AVE.*** ***WSW 1/4 - 1/2 (0.495 mi.)*** ***AZ190*** ***1232***
Site Status: Cleanup Started
Clean Up Siteid: 6150

Facility ID: 47212644
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Other

FOREMOST DAIRY ***2413 PACIFIC AVE S*** ***WSW 1/4 - 1/2 (0.498 mi.)*** ***AX192*** ***1237***
Site Status: Cleanup Started
Clean Up Siteid: 11443
Facility ID: 22019
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

US BANK PACIFIC AVE ***2317 PACIFIC AVE*** ***W 1/4 - 1/2 (0.499 mi.)*** ***193*** ***1241***
Site Status: Cleanup Started
Clean Up Siteid: 12405
Facility ID: 10919
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Petroleum-Gasoline

CHEERS RESTAURANT ***2611 PACIFIC AVE*** ***WSW 1/2 - 1 (0.511 mi.)*** ***AY194*** ***1246***
Site Status: Cleanup Started
Clean Up Siteid: 11744
Facility ID: 20251
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

WA DOT DEDENTE BUILD ***2101 PACIFIC AVENUE*** ***WNW 1/2 - 1 (0.551 mi.)*** ***BA200*** ***1309***
Site Status: Cleanup Started
Clean Up Siteid: 11064
Facility ID: 92371125
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

PUGNETTI PARK ***2085 PACIFIC AVE S*** ***WNW 1/2 - 1 (0.552 mi.)*** ***BA201*** ***1312***
Site Status: Cleanup Started
Clean Up Siteid: 4448
Facility ID: 42385149
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

28TH ST CITY OF TACO ***2801 PACIFIC AVE*** ***SW 1/2 - 1 (0.563 mi.)*** ***202*** ***1314***
Site Status: Cleanup Started
Clean Up Siteid: 3208
Facility ID: 362821
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

SMITTYS FLEET SVC IN ***2718 PACIFIC AVE*** ***WSW 1/2 - 1 (0.569 mi.)*** ***203*** ***1320***
Site Status: Awaiting Cleanup
Clean Up Siteid: 7678
Facility ID: 5947319
Soil: Confirmed Above Cleanup Levels

Contaminant Name: Petroleum-Other

UNION STATION MUSEUM ***1917 PACIFIC AVE SO*** ***WNW 1/2 - 1 (0.581 mi.)*** ***BB204*** ***1330***
Site Status: Cleanup Started
Clean Up Siteid: 9641
Facility ID: 54459981
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

WASHINGTON STATE HIS ***1911 PACIFIC AVE*** ***WNW 1/2 - 1 (0.582 mi.)*** ***BB205*** ***1335***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3332
Facility ID: 4553045
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

ON THE WATER LLC ***2502 S C ST*** ***WSW 1/2 - 1 (0.598 mi.)*** ***BC206*** ***1336***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12178
Facility ID: 19069
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

WSDOT SR 705 ON RAMP ***SW 1/2 - 1 (0.613 mi.)*** ***208*** ***1344***
Site Status: Cleanup Started
Clean Up Siteid: 14642
Facility ID: 27197
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Lead

25TH & HOLGATE S TAC ***25TH & HOLGATE S*** ***WSW 1/2 - 1 (0.614 mi.)*** ***BC209*** ***1344***
Site Status: Cleanup Started
Clean Up Siteid: 1763
Facility ID: 16358
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

COLUMBIA ENERGY RESO ***2120 S C ST*** ***W 1/2 - 1 (0.616 mi.)*** ***210*** ***1346***
Site Status: Cleanup Started
Clean Up Siteid: 11837
Facility ID: 43392187
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SHAUB ELLISON CO TAC ***1902 PACIFIC AVE*** ***WNW 1/2 - 1 (0.617 mi.)*** ***BB211*** ***1349***
Site Status: Cleanup Started

Clean Up Siteid: 7568
Facility ID: 4283388
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

UNIVERSITY OF WASHIN ***1904 COMMERCE ST*** ***WNW 1/2 - 1 (0.626 mi.)*** ***BD212*** ***1353***
Site Status: Cleanup Started
Clean Up Siteid: 7788
Facility ID: 8411422
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

R & R INVESTMENT ***1920 C ST S*** ***WNW 1/2 - 1 (0.643 mi.)*** ***BD214*** ***1356***
Site Status: Cleanup Started
Clean Up Siteid: 9505
Facility ID: 51567736
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

WA UW TACOMA BRANCH ***1900 COMMERCE*** ***WNW 1/2 - 1 (0.655 mi.)*** ***217*** ***1514***
Site Status: Cleanup Started
Clean Up Siteid: 141
Facility ID: 1325
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified

TACOMA UNION STA ***1717 PACIFIC AVE*** ***WNW 1/2 - 1 (0.659 mi.)*** ***218*** ***1515***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13045
Facility ID: 71886388
Soil: Suspected
Contaminant Name: Petroleum-Other

BNSF S HOOD ST RENTA ***S HOOD ST*** ***WSW 1/2 - 1 (0.666 mi.)*** ***220*** ***1525***
Site Status: Awaiting Cleanup
Clean Up Siteid: 51
Facility ID: 969
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

CAMARANO BROTHERS ***2340 JEFFERSON AVE*** ***W 1/2 - 1 (0.686 mi.)*** ***224*** ***1563***
Site Status: Cleanup Started
Clean Up Siteid: 8023
Facility ID: 14192885
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

UNION PACIFIC RR TUN ***JEFFERSON & 25TH & C*** ***WSW 1/2 - 1 (0.689 mi.)*** ***226*** ***1584***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3259
Facility ID: 1292
Soil: Suspected

Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

PRAIRIE LINE TRAIL ***1547 PACIFIC AVE*** ***NW 1/2 - 1 (0.753 mi.)*** ***BF230*** ***1639***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14666
Facility ID: 82265
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Contaminant Name: Halogenated Solvents
Contaminant Name: Lead
Contaminant Name: Other Halogenated Organics
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

PACIFIC QUICKSTOP ***1548 PACIFIC AVE*** ***NW 1/2 - 1 (0.756 mi.)*** ***BF231*** ***1641***
Site Status: Cleanup Started
Clean Up Siteid: 6609
Facility ID: 74455879
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

TACOMA CHRISTIAN CEN ***3523 MCKINLEY AVE*** ***SSE 1/2 - 1 (0.798 mi.)*** ***234*** ***1651***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13145
Facility ID: 24192
Soil: Suspected
Contaminant Name: Petroleum-Other

ROMAN MEAL COMPANY ***2101 SO TACOMA WAY P*** ***W 1/2 - 1 (0.807 mi.)*** ***235*** ***1657***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14707
Facility ID: 9985951
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

TACOMA CITY CONVENTI ***1500 BROADWAY*** ***NW 1/2 - 1 (0.826 mi.)*** ***236*** ***1660***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4023
Facility ID: 8168704
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

NEWMAN RECYCLING ***409 E MORTON ST*** ***S 1/2 - 1 (0.855 mi.)*** ***237*** ***1662***
Site Status: Awaiting Cleanup

Clean Up Siteid: 4620
Facility ID: 69871828
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

USPS DOWNTOWN TACOMA	***S 14TH ST & COURT A***	***NW 1/2 - 1 (0.871 mi.)***	***BG238***	***1673***

Site Status: Awaiting Cleanup
Clean Up Siteid: 4741
Facility ID: 99997000
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SAUROS CLEANERAMA TA	***1401 S PACIFIC AVE***	***NW 1/2 - 1 (0.874 mi.)***	***BG239***	***1675***

Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3310
Facility ID: 4339824
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Halogenated Solvents
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents

1502 MARKET ST TACOM	***1502 MARKET ST***	***NW 1/2 - 1 (0.903 mi.)***	***240***	***1711***

Site Status: Cleanup Started
Clean Up Siteid: 6561
Facility ID: 72222742
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

35TH ST LANDFILL CIT	***S 35TH ST & PACIFIC***	***SSW 1/2 - 1 (0.908 mi.)***	***241***	***1715***

Site Status: Cleanup Started
Clean Up Siteid: 341
Facility ID: 5774537
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

KAHNE & KAHNE PROPER	***2117 YAKIMA AVE***	***W 1/2 - 1 (0.935 mi.)***	***245***	***1738***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14550
Facility ID: 54136
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Lead
Contaminant Name: Metals - Other

A STREET SITE	***1201 A ST***	***NW 1/2 - 1 (0.973 mi.)***	***249***	***1749***

Site Status: Cleanup Started
Clean Up Siteid: 3386
Facility ID: 22366696
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

VILLAGIO II APARTMEN ***1328 MARKET ST*** ***NW 1/2 - 1 (0.977 mi.)*** ***250*** ***1765***
Site Status: Cleanup Started
Clean Up Siteid: 2017
Facility ID: 5317009
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NW DIV CA	***725 E 25TH ST***	***SE 0 - 1/8 (0.013 mi.)***	***A6***	***18***

Site Status: Cleanup Started
Clean Up Siteid: 5476
Facility ID: 9111625
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other
Contaminant Name: Polychlorinated biPhenyls (PCB)

MENDEZ PROPERTY ***910 PUYALLUP AVE*** ***ENE 0 - 1/8 (0.099 mi.)*** ***G21*** ***68***
Site Status: Cleanup Started
Clean Up Siteid: 6355
Facility ID: 59632952
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline

TACOMA TRESTLE TRACK ***824 E 25TH STREET*** ***ESE 0 - 1/8 (0.105 mi.)*** ***G25*** ***78***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14992
Facility ID: 8199
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SOUND TRANSIT TACOMA ***XXX E 25TH ST*** ***ESE 1/8 - 1/4 (0.145 mi.)*** ***K43*** ***206***
Site Status: Awaiting Cleanup

Clean Up Siteid: 14417
Facility ID: 608568
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

SMURFIT STONE CONTAI ***817 E 27TH ST*** ***SE 1/8 - 1/4 (0.171 mi.)*** ***M52*** ***219***
Site Status: Cleanup Started
Clean Up Siteid: 4529
Facility ID: 17167958
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NW 1/8 - 1/4 (0.231 mi.)*** ***Q66*** ***291***
Site Status: Cleanup Started
Clean Up Siteid: 3554
Facility ID: 1267
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NW 1/8 - 1/4 (0.231 mi.)*** ***Q67*** ***293***
Site Status: Awaiting Cleanup
Clean Up Siteid: 458
Facility ID: 3466912
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NW 1/8 - 1/4 (0.231 mi.)*** ***Q68*** ***294***
Site Status: Awaiting Cleanup
Site Status: Cleanup Started
Clean Up Siteid: 4081
Clean Up Siteid: 4323
Facility ID: 94957214
Facility ID: 81267111
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Contaminant Name: Base/Neutral/Acid Organics

BNRR TACOMA YARD PAR ***21ST & S D ST*** ***NW 1/4 - 1/2 (0.274 mi.)*** ***87*** ***415***
Site Status: Cleanup Started
Clean Up Siteid: 579

Facility ID: 91663719
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

PUYALLUP AVE GAS STA ***1201-1203 PUYALLUP A*** ***ENE 1/4 - 1/2 (0.336 mi.)*** ***Y108*** ***467***
Site Status: Cleanup Started
Clean Up Siteid: 12039
Facility ID: 8374
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

TACOMA TRANSLOAD INC ***501 E 19TH ST*** ***N 1/4 - 1/2 (0.360 mi.)*** ***AG121*** ***561***
Site Status: Cleanup Started
Clean Up Siteid: 1981
Facility ID: 25392634
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified

TRUCK RAIL HANDLING ***457 E 18TH ST*** ***N 1/4 - 1/2 (0.405 mi.)*** ***AM148*** ***774***
Site Status: Awaiting Cleanup
Clean Up Siteid: 11416
Facility ID: 63316697
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

TACOMA REDEVELOPMENT ***THEA FOSS WATERWAY*** ***WNW 1/4 - 1/2 (0.456 mi.)*** ***172*** ***950***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3677
Facility ID: 1263
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Asbestos
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Conventional Contaminants, Inorganic
Contaminant Name: Conventional Contaminants, Organic
Contaminant Name: Corrosive Wastes
**Additional key fields are available in the Map Findings section*
Surface Water: Confirmed Above Cleanup Levels
Surface Water: Remediated

BNSF D ST PIPELINE ***18TH & D ST*** ***NW 1/4 - 1/2 (0.489 mi.)*** ***188*** ***1226***

Site Status: CC-Perf. Monitoring
Clean Up Siteid: 1350
Facility ID: 2923141
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

AMERICAN PETROLEUM E ***2117 E RIVER ST*** ***ENE 1/2 - 1 (0.517 mi.)*** ***195*** ***1247***

Site Status: Cleanup Started
Clean Up Siteid: 12931
Facility ID: 13278
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

PSE TACOMA HISTORICA ***2200 E RIVER ST*** ***NE 1/2 - 1 (0.521 mi.)*** ***196*** ***1266***

Site Status: Awaiting Cleanup
Clean Up Siteid: 3553
Facility ID: 1252
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Suspected

SUPERVALU NORTHWEST ***1525 E D ST*** ***NNW 1/2 - 1 (0.526 mi.)*** ***197*** ***1291***

Site Status: Cleanup Started
Clean Up Siteid: 9315
Facility ID: 46295623
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Diesel

CHEVRON BULK PLANT U ***1656 E J ST*** ***N 1/2 - 1 (0.529 mi.)*** ***198*** ***1298***

Site Status: Cleanup Started
Clean Up Siteid: 3762
Facility ID: 1234
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*
Surface Water: Suspected

PILOT TRAVEL CENTER ***1440 PUYALLUP AVE*** ***E 1/2 - 1 (0.544 mi.)*** ***199*** ***1301***

Site Status: Cleanup Started

Clean Up Siteid: 3750
Facility ID: 98738811
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

TACOMA TAR PITS ***PORTLAND AV & RIVER*** ***NE 1/2 - 1 (0.611 mi.)*** ***207*** ***1340***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 622
Facility ID: 221
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Polychlorinated biPhenyls (PCB)
Contaminant Name: Polycyclic Aromatic Hydrocarbons

UNION PACIFIC RAILRO ***2300 CLEVELAND WAY*** ***ENE 1/2 - 1 (0.635 mi.)*** ***213*** ***1355***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14535
Facility ID: 67690
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel

RAINIER RICHLITE CO ***624 E 15TH ST*** ***N 1/2 - 1 (0.650 mi.)*** ***216*** ***1413***
Site Status: Cleanup Started
Clean Up Siteid: 10604
Facility ID: 81457934
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

TACOMA CENTRAL NO 1 ***2201 E PORTLAND AVE*** ***NE 1/2 - 1 (0.660 mi.)*** ***219*** ***1521***
Site Status: Cleanup Started
Clean Up Siteid: 6868
Facility ID: 92562654
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum-Diesel

SUNNEN CRANE CO INC ***2323 E Q ST*** ***E 1/2 - 1 (0.670 mi.)*** ***BE221*** ***1526***
Site Status: Cleanup Started
Clean Up Siteid: 9894
Facility ID: 61656248
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

RENTAL SERVICE CORPO ***2302 E Q ST*** ***E 1/2 - 1 (0.674 mi.)*** ***BE222*** ***1528***
Site Status: Cleanup Started

Clean Up Siteid: 4264
Facility ID: 26536148
Soil: Remediated-Below
Ground Water: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other
Surface Water: Suspected

SEATTLE TRANSFER ***1701 BAY ST*** ***E 1/2 - 1 (0.677 mi.)*** ***BE223*** ***1562***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3252
Facility ID: 1228
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

TACOMA METALS SITE ***1919 PORTLAND AVE*** ***NNE 1/2 - 1 (0.687 mi.)*** ***225*** ***1568***
Site Status: Cleanup Started
Clean Up Siteid: 3910
Facility ID: 1257
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polychlorinated biPhenyls (PCB)
**Additional key fields are available in the Map Findings section*
Surface Water: Suspected
Surface Water: Below Cleanup Levels

J M MARTINAC SHIPBUI ***401 E 15TH ST*** ***NNW 1/2 - 1 (0.693 mi.)*** ***227*** ***1586***
Site Status: Cleanup Started
Clean Up Siteid: 144
Facility ID: 1375

CLEANER PRESSURE WAS ***1820 E PORTLAND AVE*** ***NNE 1/2 - 1 (0.695 mi.)*** ***228*** ***1635***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13170
Facility ID: 23110
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

DOCK STREET ***1501 E DOCK ST*** ***NW 1/2 - 1 (0.748 mi.)*** ***229*** ***1637***
Site Status: Cleanup Started
Clean Up Siteid: 7940
Facility ID: 12454784
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

UNION PACIFIC RAILRO ***1228 ST PAUL AVE*** ***N 1/2 - 1 (0.773 mi.)*** ***232*** ***1648***
Site Status: Cleanup Started

Clean Up Siteid: 14661
Facility ID: 53785
Soil: Suspected
Contaminant Name: Lead
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

BNSF RAILROAD ROW MP	***38.5 MILEPOST***	***E 1/2 - 1 (0.776 mi.)***	***233***	***1650***

Site Status: Awaiting Cleanup
Clean Up Siteid: 11779
Facility ID: 16491
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other
Surface Water: Suspected

PETRICH MARINE DOCK	***1118 TO 1120 E D ST***	***NNW 1/2 - 1 (0.912 mi.)***	***242***	***1717***

Site Status: Cleanup Started
Clean Up Siteid: 3980
Facility ID: 414876
Soil: Remediated-Below
Ground Water: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Halogenated Organics
Contaminant Name: Lead
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
**Additional key fields are available in the Map Findings section*

FLOWSERVE CORPORATIO	***2007 STEWART ST***	***NE 1/2 - 1 (0.913 mi.)***	***243***	***1720***

Site Status: Cleanup Started
Clean Up Siteid: 2637
Facility ID: 8481432
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

PIERCE COUNTY TAX TI	***1621 E PORTLAND AVE***	***NNE 1/2 - 1 (0.932 mi.)***	***244***	***1736***

Site Status: Awaiting Cleanup
Clean Up Siteid: 12590
Facility ID: 2930
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Other
Contaminant Name: Polychlorinated biPhenyls (PCB)
Contaminant Name: Polycyclic Aromatic Hydrocarbons

MIDDLE WATERWAY STEE	***E F ST & 11TH ST***	***N 1/2 - 1 (0.944 mi.)***	***BH246***	***1739***

Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3519
Facility ID: 55212794
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Polycyclic Aromatic Hydrocarbons

LYDEN CASTPARTS INC	***652 E 11TH ST***	***N 1/2 - 1 (0.957 mi.)***	***247***	***1740***

Site Status: Cleanup Started
Clean Up Siteid: 10335
Facility ID: 73627378
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

EAST F STREET SUBSTA	***1015 E F ST***	***N 1/2 - 1 (0.966 mi.)***	***BH248***	***1747***

Site Status: Awaiting Cleanup
Clean Up Siteid: 13036
Facility ID: 12444
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
**Additional key fields are available in the Map Findings section*

State and tribal landfill and/or solid waste disposal site lists

WA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the WA SWF/LF list, as provided by EDR, has revealed that there are 4 WA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF TACOMA - DOC	201 PUYALLUP AVE	W 1/4 - 1/2 (0.334 mi.)	AB106	466

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Pile Used for Storage or Treatment
Permit No: 27-725
Facility ID: 1112
Permit Status: Permitted

LILYBLAD PETROLEUM I	***1313 E 25TH ST***	***E 1/4 - 1/2 (0.428 mi.)***	***AO163***	***889***

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Recycling (non-regulated)
Facility ID: 2157
Permit Status: Recycle Survey

SPRING BACK MATTRESS	***2301 DOCK STREET***	***W 1/4 - 1/2 (0.433 mi.)***	***167***	***944***

Database: SWF/LF, Date of Government Version: 06/05/2020
Facility Type: Material Recovery Facility (exempt)
Facility ID: 2732
Permit Status: Exempt

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARAUSTAR	***808 E 26TH ST***	***SE 0 - 1/8 (0.123 mi.)***	***H33***	***150***

Database: SWF/LF, Date of Government Version: 06/05/2020

Facility Type: Recycling (non-regulated)
Facility ID: 3313
Permit Status: Exempt

State and tribal leaking storage tank lists

WA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the WA LUST list, as provided by EDR, has revealed that there are 19 WA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANNA PRO CORP	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.136 mi.)***	***I38***	***195***
Database: LUST, Date of Government Version: 05/12/2020 Release Date: 01/14/1992 LUST Date: 01/05/2001 Facility Status: LUST - NFA Ground Water: Remediated-Below Cleanup Site ID: 9332 Soil: Remediated-Below Facility ID: 46689617				
PACIFIC CHARTER SCHO	***2300 EAST E ST***	***W 1/8 - 1/4 (0.169 mi.)***	***L48***	***216***
Database: LUST, Date of Government Version: 05/12/2020 Release Date: 10/22/2015 LUST Date: 05/20/2019 Facility Status: LUST - NFA Cleanup Site ID: 14981 Soil: Remediated-Below Facility ID: 1893				
CLEVINGER TRUCK SERV	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.171 mi.)***	***L54***	***222***
Database: LUST, Date of Government Version: 05/12/2020 Release Date: 03/01/2007 LUST Date: 12/17/2007 Facility Status: LUST - Cleanup Started Ground Water: Suspected Cleanup Site ID: 5316 Soil: Confirmed Above Cleanup Levels Facility ID: 3291385				
GONZALES MOTORS	***301 PUYALLUP AVE***	***W 1/4 - 1/2 (0.281 mi.)***	***W88***	***417***
Database: LUST, Date of Government Version: 05/12/2020 Release Date: 10/02/1996 LUST Date: 08/29/2012 Facility Status: LUST - NFA Cleanup Site ID: 11037 Soil: Below Cleanup Levels Soil: Remediated-Below Facility ID: 91599266				
AIRSPARES	***2617 L ST E***	***ESE 1/4 - 1/2 (0.362 mi.)***	***Z125***	***577***
Database: LUST, Date of Government Version: 05/12/2020				

Release Date: 05/04/1998
LUST Date: 04/19/2008
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Cleanup Site ID: 5946
Soil: Remediated-Above
Facility ID: 36399481

DEPT OF PUBLIC ASSEM ***2727 E D ST*** ***SSW 1/4 - 1/2 (0.382 mi.)*** ***AK135*** ***700***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/18/2000
LUST Date: 05/24/2000
Facility Status: LUST - NFA
Cleanup Site ID: 6940
Soil: Confirmed Above Cleanup Levels
Facility ID: 96231256

MAJOR PETROLEUM B.P. ***1302 PUYALLUP AVE*** ***E 1/4 - 1/2 (0.389 mi.)*** ***AL138*** ***747***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/24/1989
LUST Date: 12/17/2007
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6385
Soil: Confirmed Above Cleanup Levels
Facility ID: 61931157

HOLLAND QUALITY CLEA ***102 S 24TH ST*** ***W 1/4 - 1/2 (0.457 mi.)*** ***AT173*** ***988***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/05/1998
LUST Date: 08/25/2014
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 10614
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Facility ID: 81634828

PINGCO INTERNATIONAL ***102 S 26TH ST*** ***WSW 1/4 - 1/2 (0.479 mi.)*** ***AY186*** ***1221***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 12/17/2003
LUST Date: 01/18/1993
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 7756
Soil: Confirmed Above Cleanup Levels
Facility ID: 7640591

TEXACO #63 232 0351 ***2523 PACIFIC AVE.*** ***WSW 1/4 - 1/2 (0.495 mi.)*** ***AZ190*** ***1232***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/22/1991
LUST Date: 12/20/2000
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6150
Soil: Confirmed Above Cleanup Levels
Facility ID: 47212644

FOREMOST DAIRY ***2413 PACIFIC AVE S*** ***WSW 1/4 - 1/2 (0.498 mi.)*** ***AX192*** ***1237***
Database: LUST, Date of Government Version: 05/12/2020

Release Date: 09/22/2010
LUST Date: 09/22/2010
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 11443
Soil: Confirmed Above Cleanup Levels
Facility ID: 22019

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NW DIV CA	***725 E 25TH ST***	***SE 0 - 1/8 (0.013 mi.)***	***A6***	***18***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 09/08/1998
LUST Date: 09/09/1998
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5476
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Facility ID: 9111625

MENDEZ PROPERTY	***910 PUYALLUP AVE***	***ENE 0 - 1/8 (0.099 mi.)***	***G21***	***68***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 02/06/1998
LUST Date: 05/21/2003
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6355
Soil: Confirmed Above Cleanup Levels
Facility ID: 59632952

WESTERN BEER DISTRIB	***712 EAST 26TH***	***SSE 0 - 1/8 (0.115 mi.)***	***F28***	***82***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/25/1992
LUST Date: 10/15/1996
Facility Status: LUST - NFA
Cleanup Site ID: 6346
Soil: Remediated
Soil: Confirmed Above Cleanup Levels
Facility ID: 58813229

PUYALLUP AVE GAS STA	***1201-1203 PUYALLUP A***	***ENE 1/4 - 1/2 (0.336 mi.)***	***Y108***	***467***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/03/2013
LUST Date: 06/03/2013
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 12039
Soil: Confirmed Above Cleanup Levels
Facility ID: 8374

NICHOLS TRUCKING CO	***424 E 19TH ST***	***NNW 1/4 - 1/2 (0.361 mi.)***	***AH124***	***571***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 11/12/2001
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Cleanup Site ID: 7877
Soil: Remediated-Below
Soil: Below Cleanup Levels

Facility ID: 11174741

TAFT & COMPANY 1239 ***1239 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.390 mi.)*** ***AL140*** ***755***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 08/18/2000
LUST Date: 10/10/2000
Facility Status: LUST - NFA
Cleanup Site ID: 5932
Soil: Confirmed Above Cleanup Levels
Facility ID: 35539812

TAFT & COMPANY ***1247 PUYALLUP AVENUE*** ***ENE 1/4 - 1/2 (0.420 mi.)*** ***AQ155*** ***838***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 11/19/1992
LUST Date: 10/10/2000
Facility Status: LUST - NFA
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6536
Soil: Confirmed Above Cleanup Levels
Facility ID: 70168999

SUPERVALU HOLDINGS I ***448 E 18TH ST*** ***NNW 1/4 - 1/2 (0.427 mi.)*** ***AU161*** ***877***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 03/14/1991
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Ground Water: Remediated-Below
Cleanup Site ID: 10098
Soil: Remediated-Below
Soil: Below Cleanup Levels
Facility ID: 66615685

State and tribal registered storage tank lists

WA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the WA UST list, as provided by EDR, and dated 05/12/2020 has revealed that there are 11 WA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANNA PRO CORP Facility ID: 46689617 Tank Status: Closure in Process Site Id: 1672	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.136 mi.)***	***I38***	***195***
DON ENGLE DISTRIBUTI Facility ID: 75382517 Tank Status: Removed Site Id: 9917	***2601 E F ST***	***SSW 1/8 - 1/4 (0.138 mi.)***	***J40***	***204***
DISCOVERY Facility ID: 31649744 Tank Status: Closure in Process	***502 PUYALLUP AVE***	***W 1/8 - 1/4 (0.148 mi.)***	***L44***	***209***

Site Id: 502627				
PACIFIC CHARTER SCHO Facility ID: 1893 Tank Status: Removed Tank Closure Date: 10/28/2015 Site Id: 620249	2300 EAST E ST	W 1/8 - 1/4 (0.169 mi.)	L49	218
CLEVINGER TRUCK SERV Facility ID: 3291385 Tank Status: Removed Tank Closure Date: 07/29/2008 Tank Closure Date: 01/01/1990 Site Id: 4874	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.171 mi.)***	***L54***	***222***
SALVATION ARMY ARC Facility ID: 12432118 Tank Status: Removed Tank Closure Date: 03/16/2015 Site Id: 620192	409 PUYALLUP AVE	W 1/8 - 1/4 (0.203 mi.)	O60	266
F & E INVESTMENTS Facility ID: 99973128 Tank Status: Removed Tank Closure Date: 02/07/2020 Site Id: 8296	***401 EA 25 ST***	***WSW 1/8 - 1/4 (0.207 mi.)***	***N61***	***267***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NW DIV CA Facility ID: 9111625 Tank Status: Removed Site Id: 6904	***725 E 25TH ST***	***SE 0 - 1/8 (0.013 mi.)***	***A6***	***18***
SUPERIOR CARTAGE OF Facility ID: 4291751 Tank Status: Removed Site Id: 4666	805 PUYALLUP AVE	ENE 0 - 1/8 (0.042 mi.)	B9	23
MENDEZ PROPERTY Facility ID: 59632952 Tank Status: Removed Site Id: 502682	***910 PUYALLUP AVE***	***ENE 0 - 1/8 (0.099 mi.)***	***G21***	***68***
WESTERN BEER DISTRIB Facility ID: 58813229 Tank Status: Removed Site Id: 2584	***712 EAST 26TH***	***SSE 0 - 1/8 (0.115 mi.)***	***F28***	***82***

State and tribal institutional control / engineering control registries

WA INST CONTROL: Sites that have institutional controls.

A review of the WA INST CONTROL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 7 WA INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE	***25TH & G ST E***	***SSW 0 - 1/8 (0.043 mi.)***	***C10***	***24***

Facility Site ID: 1351 CS ID: 719				
AIRSPARES Facility Site ID: 36399481 CS ID: 5946	***2617 L ST E***	***ESE 1/4 - 1/2 (0.362 mi.)***	***Z125***	***577***
STANDARD CHEMICAL CO Facility Site ID: 85776142 CS ID: 4375	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.423 mi.)***	***AR158***	***842***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING Facility Site ID: 1202 CS ID: 2539	***2110 E D ST***	***WNW 1/4 - 1/2 (0.267 mi.)***	***U83***	***318***
PICKS COVE MARINA Facility Site ID: 42518833 CS ID: 4654	***1940 E D ST***	***NW 1/4 - 1/2 (0.348 mi.)***	***AA115***	***538***
TACOMA REDEVELOPMENT Facility Site ID: 1263 CS ID: 3677	***THEA FOSS WATERWAY***	***WNW 1/4 - 1/2 (0.456 mi.)***	***172***	***950***
BNSF D ST PIPELINE Facility Site ID: 2923141 CS ID: 1350	***18TH & D ST***	***NW 1/4 - 1/2 (0.489 mi.)***	***188***	***1226***

State and tribal voluntary cleanup sites

WA VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the WA VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there are 18 WA VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INDUSTRIAL TIRE SERV Facility ID: 3291385 Cleanup Siteid: 5316	423 PUYALLUP AVE	W 1/8 - 1/4 (0.171 mi.)	L53	220
DRESSEL PROPERTY Date NFA: 2017-07-26 VCP: NFA Facility ID: 22853 Date NFA: 2017-07-26 VCP: NFA Cleanup Siteid: 11844	306 308 314 E 26TH S	SW 1/4 - 1/2 (0.284 mi.)	V92	435
STONE PROPERTY TRANS Facility ID: 3782573 Cleanup Siteid: 401	E 25TH & E C ST	WSW 1/4 - 1/2 (0.296 mi.)	X95	438
AIR SPARES INC Date NFA: 2008-09-19 VCP: NFA	2617 E L ST	ESE 1/4 - 1/2 (0.362 mi.)	Z126	581

Facility ID: 36399481 Date NFA: 2008-09-19 VCP: NFA Cleanup Siteid: 5946				
DEPT OF PUBLIC ASSEM Date NFA: 2000-05-24 VCP: NFA Facility ID: 96231256 Date NFA: 2000-05-24 VCP: NFA Cleanup Siteid: 6940	2727 E D ST	SSW 1/4 - 1/2 (0.382 mi.)	AK134	700
UNOCAL 76 MAJOR PETR Facility ID: 61931157 Cleanup Siteid: 6385	1302 PUYALLUP AVE	E 1/4 - 1/2 (0.389 mi.)	AL139	755
MCMACKEN PROPERTY SO Facility ID: 7912006 Cleanup Siteid: 1107	115 S 26TH ST	WSW 1/4 - 1/2 (0.459 mi.)	AS176	1015
2523 PACIFIC TEXACO Facility ID: 47212644 Cleanup Siteid: 6150	2523 PACIFIC AVE	WSW 1/4 - 1/2 (0.495 mi.)	AZ191	1236

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NORTHWEST VCP: TRUE Facility ID: 9111625 VCP: TRUE Cleanup Siteid: 5476	725 E 25TH ST	SE 0 - 1/8 (0.013 mi.)	A7	21
MENDEZ PROPERTY Facility ID: 59632952 Cleanup Siteid: 6355	910 PUYALLUP AVE	ENE 0 - 1/8 (0.099 mi.)	G20	67
PRECISION PATTERN IN Date NFA: 2009-03-04 VCP: NFA Facility ID: 85239825 Date NFA: 2009-03-04 VCP: NFA Cleanup Siteid: 4080	2620 E G ST	S 0 - 1/8 (0.121 mi.)	F30	85
SMURFIT STONE CONTAI Facility ID: 17167958 Cleanup Siteid: 4529	817 E 27TH ST	SE 1/8 - 1/4 (0.171 mi.)	M51	219
WP FULLER PROPERTY Date NFA: 2013-09-05 VCP: NFA Facility ID: 16761 Date NFA: 2013-09-05 VCP: NFA Cleanup Siteid: 12038	1109 PUYALLUP AVE	ENE 1/4 - 1/2 (0.267 mi.)	T77	303
PUYALLUP AVE GAS STA VCP: TRUE Facility ID: 8374 VCP: TRUE	1201-1203 PUYALLUP A	ENE 1/4 - 1/2 (0.336 mi.)	Y109	473

Cleanup Siteid: 12039				
PICKS COVE MARINA Date NFA: 2004-10-09 VCP: NFA Facility ID: 42518833 Date NFA: 2004-10-09 VCP: NFA Cleanup Siteid: 4654	1940 E D ST	NW 1/4 - 1/2 (0.348 mi.)	AA114	537
TACOMA TRANSLOAD INC Facility ID: 25392634 Cleanup Siteid: 1981	501 E 19TH ST	N 1/4 - 1/2 (0.360 mi.)	AG122	563
TAFT & COMPANY 1239 Date NFA: 2000-10-10 VCP: NFA Facility ID: 35539812 Date NFA: 2000-10-10 VCP: NFA Cleanup Siteid: 5932	1239 PUYALLUP AVE	ENE 1/4 - 1/2 (0.390 mi.)	AL141	756
TAFT & COMPANY Date NFA: 2000-10-10 VCP: NFA Facility ID: 70168999 Date NFA: 2000-10-10 VCP: NFA Cleanup Siteid: 6536	1247 PUYALLUP AVE	ENE 1/4 - 1/2 (0.420 mi.)	AQ156	841

WA ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 11 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANNA PRO CORP Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 09/23/92 Date Ecology Received Report: 01/18/94 Media Contaminated: GW,S	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.136 mi.)***	***I38***	***195***
GONZALES MOTORS Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 03/17/97 Date Ecology Received Report: 12/04/96 Media Contaminated: S	***301 PUYALLUP AVE***	***W 1/4 - 1/2 (0.281 mi.)***	***W88***	***417***
TACOMA CITY OF TACOM Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 01/18/00 Media Contaminated: S	***2727 E D ST***	***SSW 1/4 - 1/2 (0.382 mi.)***	***AK136***	***744***
ACTION BUSINESS FURN	***102 S 24TH ST***	***W 1/4 - 1/2 (0.457 mi.)***	***AT174***	***998***

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Date Ecology Received Report: 07/15/98
Media Contaminated: S

TEXACO #63 232 0351 ***2523 PACIFIC AVE.*** ***WSW 1/4 - 1/2 (0.495 mi.)*** ***AZ190*** ***1232***
Contaminants Found at Site: 6
Type of Report Ecology Received: I
Date Ecology Received Report: 04/03/98
Date Ecology Received Report: 06/25/99
Date Ecology Received Report: 10/04/99
Date Ecology Received Report: 05/26/00
Date Ecology Received Report: 04/25/96
**Additional key fields are available in the Map Findings section*
Media Contaminated: GW,S

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENDEZ PROPERTY	***910 PUYALLUP AVE***	***ENE 0 - 1/8 (0.099 mi.)***	***G21***	***68***
Contaminants Found at Site: 6 Type of Report Ecology Received: I Type of Report Ecology Received: F Date Ecology Received Report: 02/06/98 Date Ecology Received Report: 09/27/00 Media Contaminated: S				
PICKERING INDUSTRIES	***2102 E D ST***	***WNW 1/4 - 1/2 (0.269 mi.)***	***U86***	***408***
Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 01/23/95 Media Contaminated: S				
NICHOLS TRUCKING CO	***424 E 19TH ST***	***NNW 1/4 - 1/2 (0.361 mi.)***	***AH123***	***564***
Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 06/17/02 Date Ecology Received Report: 07/26/02 Media Contaminated: S				
TAFT & COMPANY	1239 PUYALLUP AVE.	ENE 1/4 - 1/2 (0.390 mi.)	AL142	757
Contaminants Found at Site: 6 Type of Report Ecology Received: F Type of Report Ecology Received: I Date Ecology Received Report: 08/18/00 Date Ecology Received Report: 04/18/01 Date Ecology Received Report: 09/28/00 Media Contaminated: S				
WASHINGTON TEXTILE C	1247 PUYALLUP AVE.	ENE 1/4 - 1/2 (0.420 mi.)	AQ157	841
Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 12/02/93 Date Ecology Received Report: 08/18/00 Media Contaminated: GW,S				
WEST COAST FRUIT & P	448 E. 18TH ST.	NNW 1/4 - 1/2 (0.427 mi.)	AU162	889
Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 07/23/92				

Media Contaminated: GW,S

WA PTAP: A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

A review of the WA PTAP list, as provided by EDR, and dated 05/12/2020 has revealed that there is 1 WA PTAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAJOR PETROLEUM B.P.	***1302 PUYALLUP AVE***	***E 1/4 - 1/2 (0.389 mi.)***	***AL138***	***747***

State and tribal Brownfields sites

WA BROWNFIELDS: A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the WA BROWNFIELDS list, as provided by EDR, and dated 07/13/2020 has revealed that there are 2 WA BROWNFIELDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING Facilty ID: 1202 Facility Status: NFA	***2110 E D ST***	***WNW 1/4 - 1/2 (0.267 mi.)***	***U83***	***318***
TACOMA REDEVELOPMENT Facilty ID: 1263 Facility Status: CC-Perf. Monitoring	***THEA FOSS WATERWAY***	***WNW 1/4 - 1/2 (0.456 mi.)***	***172***	***950***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/01/2020 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRLF-06: AMERICAN PL	***2130 EAST D STREET***	***WNW 1/4 - 1/2 (0.267 mi.)***	***U79***	***304***

EXECUTIVE SUMMARY

ACRES property ID: 14353
Cleanup Completion Date: -
Cleanup Completion Date: 11/30/2011

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY: A llisting of recycling center locations.

A review of the WA SWRCY list, as provided by EDR, and dated 04/30/2020 has revealed that there are 2 WA SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NW FURNITURE BANK	117 PUYALLUP AVE TAC	W 1/4 - 1/2 (0.371 mi.)	AF132	698
SPRING BACK MATTRESS	***2301 DOCK STREET***	***W 1/4 - 1/2 (0.433 mi.)***	***167***	***944***

Local Lists of Hazardous waste / Contaminated Sites

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 142 WA ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE Facility Id: 1351	***25TH & G ST E***	***SSW 0 - 1/8 (0.043 mi.)***	***C10***	***24***
BNRR TACOMA YARD PON Facility Id: 1373	***605 PUYALLUP ST***	***W 0 - 1/8 (0.054 mi.)***	***E14***	***53***
PIERCE TRANSIT TACOM Facility Id: 25441163	***609 E 25TH ST***	***SW 0 - 1/8 (0.062 mi.)***	***C16***	***57***
FREIGHTHOUSE SQUARE, Facility Id: 206719	***602 E 25TH ST***	***SW 0 - 1/8 (0.069 mi.)***	***C17***	***65***
JOHNSON STONE COUNTE Facility Id: 11685	523 PUYALLUP AVE	WNW 0 - 1/8 (0.105 mi.)	I24	77
HJB MARINE Facility Id: 3081	601 E 26TH ST	SSW 0 - 1/8 (0.109 mi.)	J27	82
SOUTH SOUND RADIATOR Facility Id: 8785404	***509 PUYALLUP AVE***	***W 0 - 1/8 (0.117 mi.)***	***I29***	***84***
BNSF TACOMA FUELING Facility Id: 7981609	***1001 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.132 mi.)***	***I35***	***176***
MANNA PRO CORP Facility Id: 46689617	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.136 mi.)***	***I38***	***195***
ALL TRANSMISSIONS PI Facility Id: 71491862	***505 PUYALLUP AVE***	***W 1/8 - 1/4 (0.138 mi.)***	***I39***	***199***
DON ENGLE DISTRIBUTI Facility Id: 75382517	***2601 E F ST***	***SSW 1/8 - 1/4 (0.138 mi.)***	***J40***	***204***
LEGACY RENOVATIONS	511 PUYALLUP AVE	W 1/8 - 1/4 (0.142 mi.)	I41	205

Facility Id: 20621				
DISCOVERY Facility Id: 31649744	***502 PUYALLUP AVE***	***W 1/8 - 1/4 (0.148 mi.)***	***L44***	***209***
TACOMA DOME STATION Facility Id: 1266	***500 PUYALLUP AVE***	***W 1/8 - 1/4 (0.149 mi.)***	***L45***	***210***
GOLDEN WEST MOTEL Facility Id: 62113225	***503 E 26TH***	***SW 1/8 - 1/4 (0.157 mi.)***	***47***	***211***
PACIFIC CHARTER SCHO Facility Id: 1893	***2300 EAST E ST***	***W 1/8 - 1/4 (0.169 mi.)***	***L48***	***216***
CLEVINGER TRUCK SERV Facility Id: 3291385	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.171 mi.)***	***L54***	***222***
AIRSPARES Facility Id: 39438729	***415 E 25TH ST***	***WSW 1/8 - 1/4 (0.177 mi.)***	***N55***	***230***
BULLS EYE SUPPLY Facility Id: 19339 Facility Id: 11329	414 PUYALLUP AVE	W 1/8 - 1/4 (0.187 mi.)	L57	238
SALVATION ARMY ARC Facility Id: 12432118	409 PUYALLUP AVE	W 1/8 - 1/4 (0.203 mi.)	O58	238
F & E INVESTMENTS Facility Id: 99973128	***401 EA 25 ST***	***WSW 1/8 - 1/4 (0.207 mi.)***	***N61***	***267***
ALFREDS CAFE Facility Id: 15568	402 PUYALLUP AVE	W 1/8 - 1/4 (0.211 mi.)	O62	268
INDUSTRIAL PARTS FRI Facility Id: 99982525	***409 E 26TH ST***	***SW 1/8 - 1/4 (0.214 mi.)***	***P63***	***268***
INDUSTRIAL RUBBER & Facility Id: 7529359	***2307 E D ST***	***W 1/8 - 1/4 (0.217 mi.)***	***O64***	***273***
ATLAS TRUCKING INC S Facility Id: 32438185	***PUYALLUP AVE & D ST***	***W 1/8 - 1/4 (0.223 mi.)***	***O65***	***285***
MYSTIC MOCHA Facility Id: 19140	402 E 26TH ST	SW 1/8 - 1/4 (0.237 mi.)	P70	297
CASCADE FRICTION MAT Facility Id: 7003	314 PUYALLUP AVE	W 1/8 - 1/4 (0.240 mi.)	R71	298
JOHNNYS FINE FOOD Facility Id: 10734	319 E 25TH ST	WSW 1/8 - 1/4 (0.245 mi.)	R74	302
MELODY MEATS Facility Id: 14281979 Facility Id: 24527	323 E 26TH ST	WSW 1/4 - 1/2 (0.253 mi.)	P75	302
TACOMA BIKE Facility Id: 21699	309 PUYALLUP AVE	W 1/4 - 1/2 (0.267 mi.)	R78	304
SME SOLUTIONS Facility Id: 3722	313 E 26TH ST	WSW 1/4 - 1/2 (0.267 mi.)	V81	316
DAIRY QUEEN Facility Id: 14648	1112 PUYALLUP AVE	E 1/4 - 1/2 (0.268 mi.)	T84	383
SME CORP Facility Id: 82577212	***311 E 26TH ST***	***WSW 1/4 - 1/2 (0.268 mi.)***	***V85***	***383***
GONZALES MOTORS Facility Id: 91599266	***301 PUYALLUP AVE***	***W 1/4 - 1/2 (0.281 mi.)***	***W88***	***417***

Facility Id: 2285826				
EDGE TECHNOLOGIES Facility Id: 21372	314 E 26TH ST	SW 1/4 - 1/2 (0.284 mi.)	V90	428
TOD DRESSEL PRIVATE Facility Id: 22853	***306 308 314 E 26TH S***	***SW 1/4 - 1/2 (0.284 mi.)***	***V91***	***428***
REP ELELCTRIC INC Facility Id: 4793	1121 E 26TH ST	E 1/4 - 1/2 (0.285 mi.)	93	436
STONE PROPERTY TRANS Facility Id: 3782573	***E 25TH & E C ST***	***WSW 1/4 - 1/2 (0.296 mi.)***	***X94***	***436***
STAR TOURS Facility Id: 7722	224 PUYALLUP AVE	W 1/4 - 1/2 (0.307 mi.)	W96	440
VALLEY PUB Facility Id: 13056	1206 PUYALLUP AVE	E 1/4 - 1/2 (0.309 mi.)	Y97	440
MCLEANS AUTO REPAIR Facility Id: 9218743	***221 1/2 PUYALLUP AVE***	***W 1/4 - 1/2 (0.315 mi.)***	***W98***	***441***
EVERGREEN EQUIPMENT Facility Id: 4475	221 PUYALLUP AVE	W 1/4 - 1/2 (0.315 mi.)	W99	441
FRONTIER TRANSPORTAT Facility Id: 27655611	***217 EAST 25TH ST***	***WSW 1/4 - 1/2 (0.325 mi.)***	***X100***	***441***
GOLDEN LINE RECYCLIN Facility Id: 610068	217 E 25TH ST	WSW 1/4 - 1/2 (0.325 mi.)	X101	443
AEROSTAR ENGINEERING Facility Id: 58977511	***2619 E L ST***	***ESE 1/4 - 1/2 (0.328 mi.)***	***Z102***	***443***
ASSOCIATED PETROLEUM Facility Id: 4676	***1214 PUYALLUP AVE***	***E 1/4 - 1/2 (0.328 mi.)***	***Y103***	***458***
STORAGE BOX THE Facility Id: 21558	216 PUYALLUP AVE	W 1/4 - 1/2 (0.330 mi.)	AB105	465
AT&T WIRELESS TACOMA Facility Id: 1248033	***222 E 26TH ST***	***WSW 1/4 - 1/2 (0.334 mi.)***	***107***	***466***
TACOMA CENTER MOTEL Facility Id: 6894	1220 PUYALLUP AVE	E 1/4 - 1/2 (0.350 mi.)	AE116	555
L STREET LAYOVER EXP Facility Id: 3077		E 1/4 - 1/2 (0.351 mi.)	AE119	560
AIRSPARES Facility Id: 36399481	***2617 L ST E***	***ESE 1/4 - 1/2 (0.362 mi.)***	***Z125***	***577***
MCKINLEY PARK Facility Id: 12317	***907 UPPER PARK ST***	***S 1/4 - 1/2 (0.368 mi.)***	***131***	***697***
DEPT OF PUBLIC ASSEM Facility Id: 96231256 Facility Id: 19576	***2727 E D ST***	***SSW 1/4 - 1/2 (0.382 mi.)***	***AK135***	***700***
MAJOR PETROLEUM B.P. Facility Id: 61931157	***1302 PUYALLUP AVE***	***E 1/4 - 1/2 (0.389 mi.)***	***AL138***	***747***
KIEWIT PACIFIC CO TA Facility Id: 95452652	***132 PUYALLUP AVE***	***W 1/4 - 1/2 (0.403 mi.)***	***AJ143***	***757***
NORTH COAST ELECTRIC Facility Id: 15395	1301 E 26TH ST	E 1/4 - 1/2 (0.406 mi.)	AN149	825
ALL COTE COATINGS IN	1311 E 25TH ST	E 1/4 - 1/2 (0.410 mi.)	AO150	826

Facility Id: 9531 Facility Id: 54832571				
HERITAGE ENTERPRISES Facility Id: 5478619	***1321 E 26TH ST***	***E 1/4 - 1/2 (0.413 mi.)***	***AN151***	***826***
ALMAR INC TACOMA Facility Id: 32972784	***119 1/2 PUYALLUP AVE***	***W 1/4 - 1/2 (0.414 mi.)***	***AJ153***	***827***
TACOMA MOVING & STOR Facility Id: 856	1314 E 26TH ST	E 1/4 - 1/2 (0.419 mi.)	AN154	837
STANDARD CHEMICAL CO Facility Id: 85776142	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.423 mi.)***	***AR158***	***842***
BROWN & HALEY INC FA Facility Id: 66127836	***110 E 26TH ST***	***WSW 1/4 - 1/2 (0.424 mi.)***	***AS159***	***846***
PUGET SOUND TIRE Facility Id: 95895443 Facility Id: 23676	102 PUYALLUP RD	W 1/4 - 1/2 (0.427 mi.)	AT160	877
LILYBLAD PETROLEUM I Facility Id: 82343515	***1313 E 25TH ST***	***E 1/4 - 1/2 (0.428 mi.)***	***AO163***	***889***
BETTE MCBRIER Facility Id: 64297321	***1320 PUYALLUP AVE***	***E 1/4 - 1/2 (0.428 mi.)***	***AL164***	***893***
PSE TACOMA Facility Id: 6899827	***2205 A ST***	***W 1/4 - 1/2 (0.456 mi.)***	***AV171***	***949***
HOLLAND QUALITY CLEA Facility Id: 81634828	***102 S 24TH ST***	***W 1/4 - 1/2 (0.457 mi.)***	***AT173***	***988***
SOUND TRANSIT TACOMA Facility Id: 7912006	***115 S 26TH ST***	***WSW 1/4 - 1/2 (0.459 mi.)***	***AS175***	***999***
TACOMA CITY SIGN SHO Facility Id: 86267137	***1423 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.464 mi.)***	***AW177***	***1016***
POWDER COATING SYSTE Facility Id: 96432865	***109 S 25TH ST***	***W 1/4 - 1/2 (0.470 mi.)***	***AX179***	***1062***
TACOMA COAL GASIFICA Facility Id: 1249	***22ND ST & A ST***	***WNW 1/4 - 1/2 (0.471 mi.)***	***AV180***	***1074***
HOOD ST RESERVOIR Facility Id: 2788228	***3110 I ST S***	***SSE 1/4 - 1/2 (0.473 mi.)***	***182***	***1077***
CARLSON FORMETEC Facility Id: 42735245	***2202 A ST***	***W 1/4 - 1/2 (0.474 mi.)***	***AV183***	***1097***
AABERGS TOOL & EQUIP Facility Id: 5752453	***1424 PUYALLUP AVE***	***E 1/4 - 1/2 (0.475 mi.)***	***AW184***	***1191***
PORTERS ON THE GO Facility Id: 14476	2615 E N ST	E 1/4 - 1/2 (0.477 mi.)	185	1221
PINGCO INTERNATIONAL Facility Id: 7640591	***102 S 26TH ST***	***WSW 1/4 - 1/2 (0.479 mi.)***	***AY186***	***1221***
ELEPHANT CAR WASH PA Facility Id: 78971423	***2501 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.481 mi.)***	***AZ187***	***1224***
RACEWAY TECHNOLOGY I Facility Id: 1205245	***1427 E 26TH ST***	***E 1/4 - 1/2 (0.493 mi.)***	***189***	***1229***
TEXACO #63 232 0351 Facility Id: 47212644	***2523 PACIFIC AVE.***	***WSW 1/4 - 1/2 (0.495 mi.)***	***AZ190***	***1232***
FOREMOST DAIRY	***2413 PACIFIC AVE S***	***WSW 1/4 - 1/2 (0.498 mi.)***	***AX192***	***1237***

Facility Id: 22019				
US BANK PACIFIC AVE Facility Id: 10919	***2317 PACIFIC AVE***	***W 1/4 - 1/2 (0.499 mi.)***	***193***	***1241***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NW DIV CA Facility Id: 9111625 Facility Id: 18665	***725 E 25TH ST***	***SE 0 - 1/8 (0.013 mi.)***	***A6***	***18***
SUPERIOR CARTAGE OF Facility Id: 4291751	***805 PUYALLUP AVE***	***ENE 0 - 1/8 (0.042 mi.)***	***B8***	***22***
PUGET SOUND SPECIALT Facility Id: 23657	***706 E 25TH ST***	***SSE 0 - 1/8 (0.048 mi.)***	***C11***	***26***
SOUND TRANSIT TACOMA Facility Id: 5117180	***802 E 25TH ST***	***ESE 0 - 1/8 (0.053 mi.)***	***D12***	***38***
TACOMA PUBLIC UTILIT Facility Id: 12078	709 26TH ST E	S 0 - 1/8 (0.094 mi.)	F18	66
PLYTAC Facility Id: 8091750	***801 E 25TH***	***E 0 - 1/8 (0.096 mi.)***	***G19***	***66***
MENDEZ PROPERTY Facility Id: 59632952	***910 PUYALLUP AVE***	***ENE 0 - 1/8 (0.099 mi.)***	***G21***	***68***
TNT REDDAWAY TRUCK L Facility Id: 64849946	***801 E 26TH***	***SE 0 - 1/8 (0.101 mi.)***	***H23***	***74***
TACOMA TRESTLE TRACK Facility Id: 8199	***824 E 25TH STREET***	***ESE 0 - 1/8 (0.105 mi.)***	***G25***	***78***
WESTERN BEER DISTRIB Facility Id: 58813229	***712 EAST 26TH***	***SSE 0 - 1/8 (0.115 mi.)***	***F28***	***82***
PRECISION PATTERN IN Facility Id: 85239825 Facility Id: 23500	***2620 E G ST***	***S 0 - 1/8 (0.121 mi.)***	***F31***	***86***
CARAUSTAR Facility Id: 1685	***808 E 26TH ST***	***SE 0 - 1/8 (0.123 mi.)***	***H33***	***150***
PRECISION MACHINE WO Facility Id: 6595720	***925 E 25TH ST***	***E 1/8 - 1/4 (0.134 mi.)***	***G36***	***178***
NEW TACOMA BOX CO Facility Id: 13283	921 E 26TH ST	ESE 1/8 - 1/4 (0.144 mi.)	K42	205
SOUND TRANSIT TACOMA Facility Id: 608568	***XXX E 25TH ST***	***ESE 1/8 - 1/4 (0.145 mi.)***	***K43***	***206***
PUGET SOUND METAL Facility Id: 9147902	***2607 EAST G ST***	***S 1/8 - 1/4 (0.151 mi.)***	***46***	***211***
SAVAGE WHOLESALE Facility Id: 1747	1001 E 25TH ST	E 1/8 - 1/4 (0.169 mi.)	50	218
SMURFIT STONE CONTAI Facility Id: 17167958	***817 E 27TH ST***	***SE 1/8 - 1/4 (0.171 mi.)***	***M52***	***219***
HOLROYD CO TACOMA PL Facility Id: 14812	***26TH & J ST E***	***ESE 1/8 - 1/4 (0.186 mi.)***	***56***	***238***
BNRR TACOMA YARD PAR	***21ST ST & S D ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***Q66***	***291***

Facility Id: 1267				
BNRR TACOMA YARD PAR	***21ST ST & S D ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***Q67***	***293***
Facility Id: 3466912				
BNRR TACOMA YARD PAR	***21ST ST & S D ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***Q68***	***294***
Facility Id: 81267111				
Facility Id: 94957214				
LRI LONG HAUL INTERM	***1941 E D ST***	***N 1/8 - 1/4 (0.237 mi.)***	***69***	***297***
Facility Id: 5172				
ECOTEX COMPANY	***1115 E 25TH ST***	***E 1/8 - 1/4 (0.240 mi.)***	***S73***	***301***
Facility Id: 32841				
WP FULLER PROPERTY	***1109 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.267 mi.)***	***T76***	***303***
Facility Id: 16761				
BERG SCAFFOLDING CO	***2130 E D ST***	***WNW 1/4 - 1/2 (0.267 mi.)***	***U80***	***315***
Facility Id: 8525915				
AMERICAN PLATING	***2110 E D ST***	***WNW 1/4 - 1/2 (0.267 mi.)***	***U83***	***318***
Facility Id: 1202				
PICKERING INDUSTRIES	***2102 E D ST***	***WNW 1/4 - 1/2 (0.269 mi.)***	***U86***	***408***
Facility Id: 75455429				
BNRR TACOMA YARD PAR	***21ST & S D ST***	***NW 1/4 - 1/2 (0.274 mi.)***	***87***	***415***
Facility Id: 91663719				
BNSF RAILWAY COMPANY	***610 E 21ST ST***	***NNW 1/4 - 1/2 (0.282 mi.)***	***89***	***422***
Facility Id: 37294136				
Facility Id: 19116				
MAXI SEEDS INC	***21ST & D ST***	***NW 1/4 - 1/2 (0.330 mi.)***	***AA104***	***461***
Facility Id: 52856894				
PUYALLUP AVE GAS STA	***1201-1203 PUYALLUP A***	***ENE 1/4 - 1/2 (0.336 mi.)***	***Y108***	***467***
Facility Id: 8374				
LD KITCHEN AND BATH	***1201 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.336 mi.)***	***Y110***	***476***
Facility Id: 6138716				
Facility Id: 950				
Facility Id: 32560				
SUPERVALU INC	***490 E 19TH ST***	***NNE 1/4 - 1/2 (0.338 mi.)***	***111***	***483***
Facility Id: 34146274				
SUPERVALU INC BLDG 1	***480 E 19TH***	***N 1/4 - 1/2 (0.340 mi.)***	***AC112***	***531***
Facility Id: 4597891				
PACIFIC TRANSPORTATI	***440 E 19TH ST***	***NNW 1/4 - 1/2 (0.343 mi.)***	***AD113***	***531***
Facility Id: 1243				
PICKS COVE MARINA	***1940 E D ST***	***NW 1/4 - 1/2 (0.348 mi.)***	***AA115***	***538***
Facility Id: 42518833				
DOCK STREET STATION	***2301 E B ST***	***W 1/4 - 1/2 (0.350 mi.)***	***AF117***	***555***
Facility Id: 13182788				
SUPERVALU MEAT WAREH	***475 E 19TH ST***	***NNW 1/4 - 1/2 (0.350 mi.)***	***AD118***	***559***
Facility Id: 67349491				
TACOMA TRANSLOAD INC	***501 E 19TH ST***	***N 1/4 - 1/2 (0.360 mi.)***	***AG121***	***561***
Facility Id: 25392634				
NICHOLS TRUCKING CO	***424 E 19TH ST***	***NNW 1/4 - 1/2 (0.361 mi.)***	***AH124***	***571***
Facility Id: 11174741				
SUPERVALU INTERNATIO	495 E 19TH ST	N 1/4 - 1/2 (0.363 mi.)	AG127	582

Facility Id: 23977				
HERITAGE CRYSTAL CLE Facility Id: 84615333	***1901 E D ST***	***NW 1/4 - 1/2 (0.366 mi.)***	***AI129***	***583***
ALL SAFE ENVIRONMENT Facility Id: 78312996	1901 E D ST STE A	NW 1/4 - 1/2 (0.366 mi.)	AI130	697
DOCK STREET OVERPASS Facility Id: 57172581	***21ST & DOCK ST***	***WNW 1/4 - 1/2 (0.386 mi.)***	***137***	***746***
TAFT & COMPANY 1239 Facility Id: 35539812	***1239 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.390 mi.)***	***AL140***	***755***
MPS INC Facility Id: 24976983	***457 E 18TH ST FRONT***	***N 1/4 - 1/2 (0.405 mi.)***	***AM144***	***764***
TRUCK RAIL HANDLING Facility Id: 22736925	***457 E 18TH ST TRANSP***	***N 1/4 - 1/2 (0.405 mi.)***	***AM145***	***765***
ARROW TRANSPORTATION Facility Id: 94425177	***457 E 18TH ST ARROW***	***N 1/4 - 1/2 (0.405 mi.)***	***AM146***	***772***
SAFETY KLEEN SYSTEMS Facility Id: 53196144	457 E 18TH ST	N 1/4 - 1/2 (0.405 mi.)	AM147	774
TRUCK RAIL HANDLING Facility Id: 63316697	***457 E 18TH ST***	***N 1/4 - 1/2 (0.405 mi.)***	***AM148***	***774***
JOHNNYS DOCK MARINA Facility Id: 1511390	***1900 E D ST***	***NW 1/4 - 1/2 (0.413 mi.)***	***AP152***	***826***
TAFT & COMPANY Facility Id: 70168999	***1247 PUYALLUP AVENUE***	***ENE 1/4 - 1/2 (0.420 mi.)***	***AQ155***	***838***
SUPERVALU HOLDINGS I Facility Id: 66615685	***448 E 18TH ST***	***NNW 1/4 - 1/2 (0.427 mi.)***	***AU161***	***877***
TACOMA FIXTURE CO. Facility Id: 6212892	***1815 E D ST***	***NW 1/4 - 1/2 (0.429 mi.)***	***AP165***	***902***
THEA FOSS WATERWAY E Facility Id: 24929	2101 DOCK ST	WNW 1/4 - 1/2 (0.430 mi.)	166	944
SUPERVALU INC BLDG 1 Facility Id: 782981	***420 E 18TH ST***	***NNW 1/4 - 1/2 (0.441 mi.)***	***168***	***945***
SUPERVALU INTERNATIO Facility Id: 7821	1801 E D ST	NNW 1/4 - 1/2 (0.453 mi.)	170	949
TACOMA REDEVELOPMENT Facility Id: 1263	***THEA FOSS WATERWAY***	***WNW 1/4 - 1/2 (0.456 mi.)***	***172***	***950***
AABERGS INC Facility Id: 95484178	***1407 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.472 mi.)***	***AW181***	***1075***
BNSF D ST PIPELINE Facility Id: 2923141	***18TH & D ST***	***NW 1/4 - 1/2 (0.489 mi.)***	***188***	***1226***

WA CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there

are 19 WA CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE	***25TH & G ST E***	***SSW 0 - 1/8 (0.043 mi.)***	***C10***	***24***
CS Id: 719 Facility/Site Id: 1351 Soil: Remediated NFA Date: 07/11/2003 Groundwater: Confirmed Above Cleanup Levels Contaminant Name: Metals Priority Pollutants Contaminant Name: Petroleum Products-Unspecified				
BNRR TACOMA YARD PON	***605 PUYALLUP ST***	***W 0 - 1/8 (0.054 mi.)***	***E14***	***53***
CS Id: 274 Facility/Site Id: 1373 Soil: Suspected NFA Date: 01/03/1996 Contaminant Name: Halogenated Organics				
MANNA PRO CORP	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.136 mi.)***	***I38***	***195***
CS Id: 9332 Facility/Site Id: 46689617 Soil: Remediated-Below NFA Date: 01/05/2001 Groundwater: Remediated-Below Contaminant Name: Petroleum-Other				
TACOMA DOME STATION	***500 PUYALLUP AVE***	***W 1/8 - 1/4 (0.149 mi.)***	***L45***	***210***
CS Id: 3765 Facility/Site Id: 1266 Soil: Remediated NFA Date: 01/03/2001 Groundwater: Remediated Contaminant Name: Petroleum Products-Unspecified				
PACIFIC CHARTER SCHO	***2300 EAST E ST***	***W 1/8 - 1/4 (0.169 mi.)***	***L48***	***216***
CS Id: 14981 Facility/Site Id: 1893 Soil: Remediated-Below NFA Date: 05/20/2019 Contaminant Name: Benzene Contaminant Name: Petroleum-Gasoline				
GONZALES MOTORS	***301 PUYALLUP AVE***	***W 1/4 - 1/2 (0.281 mi.)***	***W88***	***417***
CS Id: 11037 Facility/Site Id: 91599266 Soil: Below Cleanup Levels Soil: Remediated-Below NFA Date: 08/29/2012 Contaminant Name: Benzene Contaminant Name: Lead Contaminant Name: Other Non-Halogenated Organics Contaminant Name: Petroleum-Gasoline				
TOD DRESSEL PRIVATE	***306 308 314 E 26TH S***	***SW 1/4 - 1/2 (0.284 mi.)***	***V91***	***428***
CS Id: 11844 Facility/Site Id: 22853 Soil: Remediated-Below NFA Date: 07/26/2017				

Groundwater: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury

AIRSPARES ***2617 L ST E*** ***ESE 1/4 - 1/2 (0.362 mi.)*** ***Z125*** ***577***
CS Id: 5946
Facility/Site Id: 36399481
Soil: Remediated-Above
NFA Date: 09/19/2008
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other

DEPT OF PUBLIC ASSEM ***2727 E D ST*** ***SSW 1/4 - 1/2 (0.382 mi.)*** ***AK135*** ***700***
CS Id: 6940
Facility/Site Id: 96231256
Soil: Confirmed Above Cleanup Levels
NFA Date: 05/24/2000
Contaminant Name: Petroleum-Gasoline

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN BEER DISTRIB	***712 EAST 26TH***	***SSE 0 - 1/8 (0.115 mi.)***	***F28***	***82***

CS Id: 6346
Facility/Site Id: 58813229
Soil: Remediated
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/15/1996
Contaminant Name: Pesticides-Unspecified
Contaminant Name: Petroleum-Other

PRECISION PATTERN IN ***2620 E G ST*** ***S 0 - 1/8 (0.121 mi.)*** ***F31*** ***86***
CS Id: 4080
Facility/Site Id: 85239825
Soil: Remediated
NFA Date: 03/04/2009
Groundwater: Remediated
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

WP FULLER PROPERTY ***1109 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.267 mi.)*** ***T76*** ***303***
CS Id: 12038
Facility/Site Id: 16761
Soil: Remediated-Below
NFA Date: 09/05/2013
Contaminant Name: Petroleum-Gasoline

AMERICAN PLATING ***2110 E D ST*** ***WNW 1/4 - 1/2 (0.267 mi.)*** ***U83*** ***318***
CS Id: 2539
Facility/Site Id: 1202
Soil: Remediated-Below
Soil: Remediated-Above
NFA Date: 06/30/2015
Groundwater: Remediated-Below
Groundwater: Remediated-Above
Contaminant Name: Halogenated Organics
Contaminant Name: Metals Priority Pollutants

Surface Water: Below Cleanup Levels

PACIFIC TRANSPORTATI ***440 E 19TH ST*** ***NNW 1/4 - 1/2 (0.343 mi.)*** ***AD113*** ***531***
CS Id: 4367
Facility/Site Id: 1243
NFA Date: 01/16/1996
Contaminant Name: Metals - Other
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

PICKS COVE MARINA ***1940 E D ST*** ***NW 1/4 - 1/2 (0.348 mi.)*** ***AA115*** ***538***
CS Id: 4654
Facility/Site Id: 42518833
Soil: Remediated-Above
NFA Date: 10/09/2004
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

NICHOLS TRUCKING CO ***424 E 19TH ST*** ***NNW 1/4 - 1/2 (0.361 mi.)*** ***AH124*** ***571***
CS Id: 7877
Facility/Site Id: 11174741
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 08/29/2012
Contaminant Name: Benzene
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

TAFT & COMPANY 1239 ***1239 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.390 mi.)*** ***AL140*** ***755***
CS Id: 5932
Facility/Site Id: 35539812
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/10/2000
Contaminant Name: Petroleum-Other

TAFT & COMPANY ***1247 PUYALLUP AVENUE*** ***ENE 1/4 - 1/2 (0.420 mi.)*** ***AQ155*** ***838***
CS Id: 6536
Facility/Site Id: 70168999
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/10/2000
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

SUPERVALU HOLDINGS I ***448 E 18TH ST*** ***NNW 1/4 - 1/2 (0.427 mi.)*** ***AU161*** ***877***
CS Id: 10098
Facility/Site Id: 66615685
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 08/29/2012
Groundwater: Remediated-Below
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics

EXECUTIVE SUMMARY

Contaminant Name: Petroleum-Gasoline

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIERCE TRANSIT TACOM EPA ID:: WAR000006247	***609 E 25TH ST***	***SW 0 - 1/8 (0.062 mi.)***	***C16***	***57***
ALL TRANSMISSIONS PI EPA ID:: WAD122389281	***505 PUYALLUP AVE***	***W 1/8 - 1/4 (0.138 mi.)***	***I39***	***199***
GOLDEN WEST MOTEL EPA ID:: WAD988508651	***503 E 26TH***	***SW 1/8 - 1/4 (0.157 mi.)***	***47***	***211***
AIRSPARES EPA ID:: WAD988516530	***415 E 25TH ST***	***WSW 1/8 - 1/4 (0.177 mi.)***	***N55***	***230***
SALVATION ARMY ARC EPA ID:: WAD988499570	***409 PUYALLUP AVE***	***W 1/8 - 1/4 (0.203 mi.)***	***O59***	***239***
INDUSTRIAL PARTS FRI EPA ID:: WAD027540384	***409 E 26TH ST***	***SW 1/8 - 1/4 (0.214 mi.)***	***P63***	***268***
INDUSTRIAL RUBBER & EPA ID:: WAD988475208	***2307 E D ST***	***W 1/8 - 1/4 (0.217 mi.)***	***O64***	***273***
ATLAS TRUCKING INC S EPA ID:: WAH000016071	***PUYALLUP AVE & D ST***	***W 1/8 - 1/4 (0.223 mi.)***	***O65***	***285***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NORTHWEST EPA ID:: WAD009258187	725 E 25TH ST	SE 0 - 1/8 (0.013 mi.)	A5	12
SOUND TRANSIT TACOMA EPA ID:: WAH000049999	802 E 25TH ST	ESE 0 - 1/8 (0.053 mi.)	D13	44
TNT REDDAWAY TRUCK L EPA ID:: WAD180073900	***801 E 26TH***	***SE 0 - 1/8 (0.101 mi.)***	***H23***	***74***
AIM AEROSPACE TACOMA EPA ID:: WAD042801944	2620 E G ST	S 0 - 1/8 (0.121 mi.)	F32	110
PRECISION MACHINE WO EPA ID:: WAH000033558	925 E 25TH ST	E 1/8 - 1/4 (0.134 mi.)	G37	185
ECOTEX COMPANY EPA ID:: WAH000056815	1115 E 25TH ST	E 1/8 - 1/4 (0.240 mi.)	S72	298

EXECUTIVE SUMMARY

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 06/30/2020 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA TAR PITS	***PORTLAND AV & RIVER***	***NE 1/2 - 1 (0.611 mi.)***	***207***	***1340***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		E 1/4 - 1/2 (0.260 mi.)	0	11

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Registry ID:: 110020858972	LYLE/950 PORTLAND AV	0 - 1/8 (0.000 mi.)	A3	11

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there are 4 WA MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUND TRANSIT TACOMA Facility Site ID Number: 5117180 Gen Status CD: XQG Gen Status CD: SQG EPA ID: WAH000049999	***802 E 25TH ST***	***ESE 0 - 1/8 (0.053 mi.)***	***D12***	***38***
PRECISION PATTERN IN Facility Site ID Number: 85239825 Gen Status CD: XQG	***2620 E G ST***	***S 0 - 1/8 (0.121 mi.)***	***F31***	***86***

Gen Status CD: SQG Gen Status CD: MQG EPA ID: WAD042801944				
CARAUSTAR Facility Site ID Number: 1685 Gen Status CD: SQG EPA ID: WAH000050232	***808 E 26TH ST***	***SE 0 - 1/8 (0.123 mi.)***	***H33***	***150***
PRECISION MACHINE WO Facility Site ID Number: 6595720 Gen Status CD: XQG Gen Status CD: SQG EPA ID: WAH000033558	***925 E 25TH ST***	***E 1/8 - 1/4 (0.134 mi.)***	***G36***	***178***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA COAL GASIFICA	A STREET	W 1/4 - 1/2 (0.450 mi.)	AV169	949
TACOMA COAL GASIFICA	E 22ND AND A STS	WNW 1/4 - 1/2 (0.467 mi.)	AR178	1062

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILLS MOBILE SERV GA	702 PUYALLUP AVE	0 - 1/8 (0.000 mi.)	A4	11

Lower Elevation	Address	Direction / Distance	Map ID	Page
STANDARD STATIONS IN	624 PUYALLUP AVE	W 0 - 1/8 (0.059 mi.)	E15	57

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA SUPER SERV NO	910 PUYALLUP AVE	ENE 0 - 1/8 (0.099 mi.)	G22	73
AUTOMOTIVE PERFORMAN	914 PUYALLUP AVE	ENE 0 - 1/8 (0.108 mi.)	26	81

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 11 records.

Site Name	Database(s)
OCCIDENTAL CHEMICAL-SITE II	WA SWF/LF
O'CONNER DEMOLITION FILL	WA SWF/LF
FERGUSON-MATHIAS ROAD DUMP	WA SWF/LF
CORLISS WOOD WASTE FILL	WA SWF/LF
FRED MASELLA & WALTER MIKESKI DUMP	WA SWF/LF
GRICE DUMP	WA SWF/LF
PSE TACOMA HISTORICAL COAL GAS	EDR MGP
NILSEN PLAT TOWNHOMES	WA VCP
PORTAC INC TACOMA	WA VCP
TPU PASSMORE PROPERTY	WA VCP
BAY TERRACE AKA HILLSIDE TERRACE	WA VCP

OVERVIEW MAP - 6218034.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	FORMER TEXACO SERVICE STATION	CLIENT:	Parametrix, Inc.
ADDRESS:	704 PUYALLUP AVE TACOMA WA 98421	CONTACT:	Adam Romey
		INQUIRY #:	6218034.2s
LAT/LONG:	47.240852 / 122.424518	DATE:	October 06, 2020 5:33 pm

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DETAIL MAP - 6218034.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	FORMER TEXACO SERVICE STATION	CLIENT:	Parametrix, Inc.
ADDRESS:	704 PUYALLUP AVE TACOMA WA 98421	CONTACT:	Adam Romey
		INQUIRY #:	6218034.2s
LAT/LONG:	47.240852 / 122.424518	DATE:	October 06, 2020 5:34 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	3	NR	NR	3
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	1	1	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	0	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
WA HSL	1.000		1	5	10	22	NR	38
State- and tribal - equivalent CERCLIS								
WA CSCSL	1.000	1	5	7	19	56	NR	88
State and tribal landfill and/or solid waste disposal site lists								
WA SWF/LF	0.500		1	0	3	NR	NR	4
State and tribal leaking storage tank lists								
WA LUST	0.500		3	3	13	NR	NR	19

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WA UST	0.250		4	7	NR	NR	NR	11
WA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
WA INST CONTROL	0.500		1	0	6	NR	NR	7
State and tribal voluntary cleanup sites								
WA VCP	0.500	1	3	2	13	NR	NR	19
WA ICR	0.500		1	1	9	NR	NR	11
INDIAN VCP	0.500		0	0	0	NR	NR	0
WA PTAP	0.500		0	0	1	NR	NR	1
State and tribal Brownfields sites								
WA BROWNFIELDS	0.500		0	0	2	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
WA SWRCY	0.500		0	0	2	NR	NR	2
WA SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
WA ALLSITES	0.500	1	19	33	90	NR	NR	143
WA CDL	0.001		0	NR	NR	NR	NR	0
WA HIST CDL	0.001		0	NR	NR	NR	NR	0
WA CSCSL NFA	0.500		4	3	12	NR	NR	19
US CDL	0.001		0	NR	NR	NR	NR	0
WA AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
WA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WA SPILLS	0.001		0	NR	NR	NR	NR	0
WA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	9	NR	NR	NR	14
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	1.000		0	0	1	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
WA AIRS	0.001		0	NR	NR	NR	NR	0
WA ASBESTOS	0.001		0	NR	NR	NR	NR	0
WA COAL ASH	0.500		0	0	0	NR	NR	0
WA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
WA Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
WA MANIFEST	0.250		3	1	NR	NR	NR	4
WA NPDES	0.001		0	NR	NR	NR	NR	0
WA UIC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	2	0	NR	2
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WA RGA HWS	0.001		0	NR	NR	NR	NR	0
WA RGA LF	0.001		0	NR	NR	NR	NR	0
WA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		3	56	71	189	80	0	399

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **FORMER TEXACO SERVICE STATION**
704 PUYALLUP AVE
TACOMA, WA 98421 | **WA CSCSL** | **S121442544**
WA ALLSITES | **N/A**

Site 1 of 7 in cluster A

Actual: 22 ft.

CSCSL:

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started

FORMER TEXACO SERVICE STATION (Continued) **S121442544**

Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

ALLSITES:

Name:	FORMER TEXACO SERVICE STATION
Facility Id:	78349

A2 Target Property **FORMER TEXACO SERVICE STATION** **WA VCP** **S124435975**
704 PUYALLUP AVE **N/A**
TACOMA, WA 98421

Site 2 of 7 in cluster A

Actual: 22 ft.

VCP:

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	78349
VCP Status:	Not reported
VCP:	TRUE

FORMER TEXACO SERVICE STATION (Continued) **S124435975**

Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Arsenic
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Lead
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Metals - Other
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported

FORMER TEXACO SERVICE STATION (Continued) **S124435975**

Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
East **, WA**
1/4-1/2
1372 ft.

INDIAN RESERV:
Feature: Indian Reservation
Name: Puyallup Reservation
Agency: BIA

A3 **FINDS** **1008209977**
LYLE/950 PORTLAND AVE **N/A**
< 1/8 **TACOMA, WA 98402**
1 ft.

Site 3 of 7 in cluster A

Relative: FINDS:
Higher Registry ID: 110020858972
Actual: Click Here:
22 ft.

Environmental Interest/Information System:
US EPA Air Quality System (AQS) contains ambient air pollution data collected by EPA, State, Local, and Tribal air pollution control agencies from thousands of monitoring stations.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A4 **BILLS MOBILE SERV GAS STA** **EDR Hist Auto** **1014533647**
702 PUYALLUP AVE **N/A**
< 1/8 **TACOMA, WA**
1 ft.

Site 4 of 7 in cluster A

Relative: EDR Hist Auto
Higher
Actual:
22 ft.

Year:	Name:	Type:
1942	AABERGS SERVICE	GASOLINE AND OIL SERVICE STATIONS
1947	FISHERS MOBILE STA	GASOLINE AND OIL SERVICE STATIONS
1953	BILLS MOBILE SERV GAS STA	GASOLINE STATIONS

A5 SE < 1/8 0.013 mi. 71 ft. | **SPRING AIR NORTHWEST**
725 E 25TH ST
TACOMA, WA 98420
Site 5 of 7 in cluster A | **RCRA NonGen / NLR** | **1000295573**
WAD009258187

Relative: Lower
Actual: 21 ft.

RCRA Listings:

Date Form Received by Agency:	1985-03-15 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Handler Address:	725 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98420
EPA ID:	WAD009258187
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	725 E 25TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CARMAN MANUFACTURING CO
Owner Type:	Private
Operator Name:	CARMAN MANUFACTURING CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:03:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2005
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPRING AIR NORTHWEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPRING AIR NORTHWEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1985-03-14 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1985-03-15 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1985-03-14 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

SPRING AIR NORTHWEST (Continued) **1000295573**

NAICS Code: 33791
NAICS Description: MATTRESS MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1998-05-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WAHEP
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2000-12-27 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJMC
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

A6 SE < 1/8 0.013 mi. 71 ft. | **SPRING AIR NW DIV CARMAN MFG CO**
725 E 25TH ST
TACOMA, WA 98421
Site 6 of 7 in cluster A | **WA CSCSL, WA LUST, WA UST, WA ALLSITES** | **U003355192, N/A**

Relative: Lower
Actual: 21 ft.

CSCSL:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451
Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451
Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

LUST:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest
Lust ID:	4998
UST ID:	6904
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Lust ID:	4998
UST ID:	6904
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest
Lust ID:	4998
UST ID:	6904
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

UST:

Name:	SPRING AIR NW DIV CARMAN MFG CO
Address:	725 E 25TH ST
City:	TACOMA
Zip:	98421
Facility ID:	9111625
Site Id:	6904
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24085
Decimal Longitude:	-122.42451

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SPRING AIR NORTHWEST
Facility Id:	9111625
Name:	FOR KIDS ONLY
Facility Id:	18665

A7 **SPRING AIR NORTHWEST** **WA VCP** **S124436493**
SE **725 E 25TH ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.013 mi.
71 ft. **Site 7 of 7 in cluster A**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	9111625
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5476
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported
Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported

SPRING AIR NORTHWEST (Continued) **S124436493**

Facility ID: 9111625
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5476
Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

Name: SPRING AIR NORTHWEST
Address: 725 E 25TH ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 9111625
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5476
Contaminant Name: Polychlorinated biPhenyls (PCB)
Soil: Below Cleanup Levels

B8 **SUPERIOR CARTAGE OF WASHINGTON INC** **WA ALLSITES** **S109010840**
ENE **805 PUYALLUP AVE** **WA SPILLS** **N/A**
< 1/8 **TACOMA, WA 98421**
0.042 mi.
224 ft. **Site 1 of 2 in cluster B**

Relative:
Lower

Actual:
19 ft.

ALLSITES:
Name: SUPERIOR CARTAGE OF WASHINGTON INC
Facility Id: 4291751

SPILLS:
Name: NELSON PETROLEUM
Address: 805 PUYALLUP AVE
City,State,Zip: TACOMA, WA
Facility ID: 604065
Medium: Not reported
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 20
Material Units: GALLON
Date Received: 02/29/2008
Contact Name: Not reported
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported
Source Type: Not reported
Source: Not reported

SUPERIOR CARTAGE OF WASHINGTON INC (Continued) **S109010840**

Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

B9 **SUPERIOR CARTAGE OF WASHINGTON INC** **WA UST** **U003354609**
ENE **805 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.042 mi.
224 ft. **Site 2 of 2 in cluster B**

Relative:
Lower

Actual:
19 ft.

UST:

Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Address:	805 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	4291751
Site Id:	4666
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.240871
Decimal Longitude:	-122.423934
Tank Name:	#1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Address:	805 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	#2

SUPERIOR CARTAGE OF WASHINGTON INC (Continued) **U003354609**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

C10 **FREIGHTHOUSE SQUARE** **WA INST CONTROL** **S101189699**
SSW **25TH & G ST E** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98438** **WA CSCSL NFA**
0.043 mi.
228 ft. **Site 1 of 4 in cluster C**

Relative:
Higher

Actual:
23 ft.

INST CONTROL:

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility Site ID:	1351
Latitude:	47.239707115
Longitude:	-122.4270201
Instrument Type:	Environmental Covenant
NFA Date:	07/11/2003
County Filing # For Individual IC Doc:	2.0030724085e+011
Filing Date Of Individual IC Doc:	07/24/2003
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2075240013, 2075240011, 2075220011, 2075200011, 2075200015
Control Active:	True
CS ID:	719
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False

FREIGHTHOUSE SQUARE (Continued) **S101189699**

Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	FREIGHTHOUSE SQUARE
Facility Id:	1351

CSCSL NFA:

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility/Site Id:	1351
CS Id:	719
NFA Date:	07/11/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239707115
Longitude:	-122.4270201

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility/Site Id:	1351
CS Id:	719
NFA Date:	07/11/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239707115

FREIGHTHOUSE SQUARE (Continued) **S101189699**

Longitude: -122.4270201

C11 **PUGET SOUND SPECIALTY** **WA ALLSITES** **S109824410**
SSE **706 E 25TH ST** **WA ASBESTOS** **N/A**
< 1/8 **TACOMA, WA 98421**
0.048 mi.
256 ft. **Site 2 of 4 in cluster C**

Relative:
Lower

Actual:
21 ft.

ALLSITES:

Name:	PUGET SOUND SPECIALTY
Facility Id:	23657

ASBESTOS:

Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	132883##1511Rhine535430
Notice Date:	09/27/2016
Start Date:	07/12/2016
Completion Date:	10/31/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-09-27 15:55:08
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	134103##1511Rhine268498
Notice Date:	10/26/2016
Start Date:	11/07/2016
Completion Date:	04/30/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-26 10:55:51
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	138898##1511Rhine336050
Notice Date:	02/21/2017
Start Date:	11/07/2016
Completion Date:	02/21/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am

PUGET SOUND SPECIALTY (Continued) **S109824410**

Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Dennis Staples
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-21 16:19:36
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Dennis Staples ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	119134##1511Rhine329409
Notice Date:	07/11/2016
Start Date:	07/12/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams

PUGET SOUND SPECIALTY (Continued) **S109824410**

Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-11 16:24:21
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	118707##1511Rhine305357
Notice Date:	07/01/2016
Start Date:	07/12/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-01 12:42:44
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

PUGET SOUND SPECIALTY (Continued) **S109824410**

Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	138719##1511Rhine244967
Notice Date:	02/17/2017
Start Date:	11/07/2016
Completion Date:	04/30/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Dennis Staples
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207

PUGET SOUND SPECIALTY (Continued) **S109824410**

Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-17 08:02:13
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Dennis Staples ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	0
Form ID:	118660##1511Rhine405318
Notice Date:	06/30/2016
Start Date:	07/11/2016
Completion Date:	09/30/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-30 15:54:49
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

D12 **SOUND TRANSIT TACOMA LINK OPS** **WA ALLSITES** **S109552463**
ESE **802 E 25TH ST** **WA MANIFEST** **N/A**
< 1/8 **TACOMA, WA 98421** **WA NPDES**
0.053 mi.
278 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	SOUND TRANSIT 25TH ST
Facility Id:	5117180

WA MANIFEST:

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	(206)398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	(206)398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Operator Phone Number:	(206)398-5000
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,D008,D035
Form Comm:	Not reported
Data Year:	2015

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NPDES:

Name:	SOUND TRANSIT TACOMA OMF
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	10/01/2018
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	CNE044003
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	09/30/2023
Effective Date:	10/01/2018
Days to Expiration:	-1174

D13 **SOUND TRANSIT TACOMA LINK OPS** **RCRA NonGen / NLR** **1018282531**
ESE **802 E 25TH ST** **WAH000049999**
< 1/8 **TACOMA, WA 98421**
0.053 mi.
278 ft. **Site 2 of 2 in cluster D**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-01 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Handler Address:	802 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000049999
Contact Name:	BRIA KNOWLES
Contact Address:	401 S JACKSON ST
Contact City,State,Zip:	SEATTLE, WA 98134
Contact Telephone:	206-398-5033
Contact Fax:	Not reported
Contact Email:	BRIA.KNOWLES@SOUNDTRANSIT.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	District
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

State District:	SWRO
Mailing Address:	401 S JACKSON ST
Mailing City,State,Zip:	SEATTLE, WA 98134
Owner Name:	SOUND TRANSIT
Owner Type:	District
Operator Name:	SOUND TRANSIT
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-12-02 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-27 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-28 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-01 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	485112
NAICS Description:	COMMUTER RAIL SYSTEMS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Applicability
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

E14 West < 1/8 0.054 mi. 283 ft. | **BNRR TACOMA YARD POND** | **WA ALLSITES** | **S107487061**
605 PUYALLUP ST | **WA CSCSL NFA** | **N/A**
TACOMA, WA 98421 | **WA SPILLS**

Site 1 of 2 in cluster E

Relative: Higher
Actual: 22 ft.

ALLSITES:

Name:	BNRR TACOMA YARD POND
Facility Id:	1373

CSCSL NFA:

Name:	BNRR TACOMA YARD POND
Address:	605 PUYALLUP ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1373
CS Id:	274
NFA Date:	01/03/1996
Alternate Site Names:	BURLINGTON NORTHERN RAILROAD
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241221
Longitude:	-122.425846

SPILLS:

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107685
Medium:	Other
Material Desc:	Chemical
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/02/2019

BNRR TACOMA YARD POND (Continued) **S107487061**

Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Mathew Genilo
Cause:	Sodium Hydroxide Spill from Railcar, Tacoma
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	TACOMA - BNSF RAIL YARD
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	108550
Medium:	Vehicle
Material Desc:	Chemical
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/13/2019
Incident Category Type:	Non Oil
Incident Category:	Hazmat Release
Latitude:	47.25089
Longitude:	-122.41769
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Ryan Risdon, Steve Yost
Cause:	BNSF Rail Car with Possible Sodium Chlorate Residue - Tacoma 10-13-19
Cause Type:	Not reported
Resp Party Name:	BNSF, BNSF - HazMat

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	109175
Medium:	Vehicle
Material Desc:	USED OIL
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/06/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Dominic Winslow

BNRR TACOMA YARD POND (Continued) **S107487061**

Cause:	BNSF Tank Car Small Oil Spill, December 6, 2019
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BNSF EAST END TACOMA YARD
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	110421
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	100
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/08/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	95
Resp Party Contact:	Not reported
Cause:	BNSF Oil Spill Tacoma 3-8-20
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	111447
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	1
Material Units:	Quart
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	06/04/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Not reported
Cause:	BNSF Locomotive Oil to Ballast - Tacoma Rail Yard
Cause Type:	Not reported
Resp Party Name:	BNSF

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	109175
Medium:	Vehicle

BNRR TACOMA YARD POND (Continued) **S107487061**

Material Desc:	USED OIL
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/06/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107685
Medium:	Other
Material Desc:	Chemical
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/02/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BURLINGTON NORTHERN SANTA FE RAILROAD
Address:	605 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA
Facility ID:	536284
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	50
Material Units:	GALLON
Date Received:	09/20/2003
Contact Name:	ESTERBY
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported

BNRR TACOMA YARD POND (Continued) **S107487061**

Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BURLINGTON NORTHERN SANTA FE RAILROAD
Address:	605 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA
Facility ID:	530751
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	12/11/2002
Contact Name:	ANDERSON
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

E15 **STANDARD STATIONS INC GAS** **EDR Hist Auto** **1014534717**
West **624 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.059 mi.
313 ft. **Site 2 of 2 in cluster E**

Relative: EDR Hist Auto
Lower

Actual:
21 ft.

Year:	Name:	Type:
1965	STANDARD STATIONS INC GAS	GASOLINE STATIONS

C16 **PIERCE TRANSIT TACOMA DOME** **WA ALLSITES** **1001082058**
SW **609 E 25TH ST** **RCRA NonGen / NLR** **WAR000006247**
< 1/8 **TACOMA, WA 98421** **FINDS**
0.062 mi. **ECHO**
329 ft. **Site 3 of 4 in cluster C**

Relative: ALLSITES:
Higher

Actual:
42 ft.

Name:	PIERCE TRANSIT TACOMA DOME
Facility Id:	25441163

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

RCRA Listings:

Date Form Received by Agency:	1997-06-10 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Handler Address:	609 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAR000006247
Contact Name:	MIKE MEADOWS
Contact Address:	3701 96TH ST SW
Contact City,State,Zip:	TACOMA, WA 98499
Contact Telephone:	553-984-8204
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 96TH ST SW
Mailing City,State,Zip:	TACOMA, WA 98499
Owner Name:	PIERCE TRANSIT
Owner Type:	Private
Operator Name:	ADAMS, WAYNE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 18:14:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS, WAYNE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator Name:	ADAMS, WAYNE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT P
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE A
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-10 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-28 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48521
NAICS Description:	INTERURBAN AND RURAL BUS TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110002449477

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

ECHO:

Envid:	1001082058
Registry ID:	110002449477
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002449477
Name:	PIERCE TRANSIT TACOMA DOME
Address:	609 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

C17 **FREIGHTHOUSE SQUARE, AMTRAK RELOCATION** **WA CSCSL** **S121442309**
SW **602 E 25TH ST** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98421**
0.069 mi.
364 ft. **Site 4 of 4 in cluster C**

Relative:
Higher

Actual:
40 ft.

CSCSL:

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

FREIGHTHOUSE SQUARE, AMTRAK RELOCATION (Continued) **S121442309**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest
Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FREIGHTHOUSE SQUARE AMTRAK RELOCATION
Facility Id:	206719

F18 **TACOMA PUBLIC UTILITIES MILWAUKEE SUBSTATION** **WA ALLSITES** **S116505643**
South **709 26TH ST E** **N/A**
< 1/8 **TACOMA, WA 98421**
0.094 mi.
497 ft. **Site 1 of 5 in cluster F**

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	TACOMA PUBLIC UTILITIES MILWAUKEE SUBSTATION
Facility Id:	12078

G19 **PLYTAC** **WA ALLSITES** **1011932227**
East **801 E 25TH** **FINDS** **N/A**
< 1/8 **TACOMA, WA 98401**
0.096 mi.
505 ft. **Site 1 of 7 in cluster G**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	PLYTAC
Facility Id:	8091750

FINDS:

Registry ID:	110037547447

PLYTAC (Continued) **1011932227**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

G20 **MENDEZ PROPERTY** **WA VCP** **S124435106**
ENE **910 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.099 mi.
522 ft. **Site 2 of 7 in cluster G**

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	59632952
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6355
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	59632952
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6355
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

G21 ENE < 1/8 0.099 mi. 522 ft. | **MENDEZ PROPERTY 910 PUYALLUP AVE TACOMA, WA 98421** | **WA CSCSL WA LUST WA UST WA ICR WA ALLSITES** | **U003604945 N/A**

Site 3 of 7 in cluster G

Relative: Lower

Actual: 19 ft.

CSCSL:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Region:	Southwest
Lat/Long:	47.241175469734 / -122.4214483617
Clean Up Siteid:	6355
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	MORK INVESTMENT PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Region:	Southwest
Lat/Long:	47.241175469734 / -122.4214483617
Clean Up Siteid:	6355
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	MORK INVESTMENT PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6355
Cleanup Unit Type:	Upland

MENDEZ PROPERTY (Continued) **U003604945**

Process Type:	Independent Action
Cleanup Unit Name:	MORK INVESTMENT PROPERTY
Response Section:	Southwest
Release Date:	02/06/1998
Lust Date:	05/21/2003
Region:	Southwest
Lust ID:	5319
UST ID:	502682
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2411754 / -122.42144

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6355
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	MORK INVESTMENT PROPERTY
Response Section:	Southwest
Release Date:	02/06/1998
Lust Date:	05/21/2003
Region:	Southwest
Lust ID:	5319
UST ID:	502682
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2411754 / -122.42144

UST:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	59632952
Site Id:	502682
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2411754697342
Decimal Longitude:	-122.421448361763

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999

MENDEZ PROPERTY (Continued) **U003604945**

Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE

MENDEZ PROPERTY (Continued) **U003604945**

City:	TACOMA
Zip:	98421
Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

MENDEZ PROPERTY (Continued) **U003604945**

Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

MENDEZ PROPERTY (Continued) **U003604945**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	02/06/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/27/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Independent Remedial Action Report

ALLSITES:

Name:	MENDEZ PROPERTY
Facility Id:	59632952

G22 **TACOMA SUPER SERV NO 1 GAS STA** **EDR Hist Auto** **1014534186**
ENE **910 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.099 mi.
522 ft. **Site 4 of 7 in cluster G**

Relative:
Lower

Actual:
19 ft.

EDR Hist Auto

Year:	Name:	Type:
1942	TACOMA SUPER SERVICE	GASOLINE AND OIL SERVICE STATIONS
1947	TACOMA SUPER SERV NO	GASOLINE AND OIL SERVICE STATIONS
1953	TACOMA SUPER SERV NO 1 GAS STA	GASOLINE STATIONS
1958	TACOMA SUPER SERV NO 1 GAS	GASOLINE STATIONS
1958	EDMUNDS BRAKE & AUTO REPR	AUTOMOBILE REPAIRING
1963	TACOMA SUPER SERV GAS STA	GASOLINE STATIONS
1963	EDMUNDS BRAKE & AUTO REPR	AUTOMOBILE REPAIRING
1965	TACOMA SUPER SERVICE GAS	GASOLINE STATIONS
1965	GIBSONS AUTO REPAIR	AUTOMOBILE REPAIRING

TACOMA SUPER SERV NO 1 GAS STA (Continued) **1014534186**

1969	TACOMA SUPER SERVICE	Gasoline Service Stations
1970	TACOMA SUPER SERVICE	Gasoline Service Stations
1976	MAXWELL SERVICE	Gasoline Service Stations
1977	MAXWELL SERVICE	Gasoline Service Stations
1978	MAXWELL FINA SERVICE GAS STA	GASOLINE STATIONS
1978	MAXWELL SERVICE	Gasoline Service Stations
1979	MAXWELL SERVICE	Gasoline Service Stations
1979	MAXWELL SERVICE	Gasoline Service Stations
1980	MAXWELL SERVICE	Gasoline Service Stations
1982	MAXWELL SERVICE	Gasoline Service Stations
1983	MAXWELL SERVICE	Gasoline Service Stations
1985	MAXWELL SERVICE	Gasoline Service Stations
1986	MAXWELL SERVICE	Gasoline Service Stations
1987	MAXWELL SERVICE	Gasoline Service Stations

H23 **TNT REDDAWAY TRUCK LINE INC** **WA ALLSITES** **1000133229**
SE **801 E 26TH** **RCRA NonGen / NLR** **WAD180073900**
< 1/8 **TACOMA, WA 98421** **FINDS**
0.101 mi. **ECHO**
531 ft. **Site 1 of 3 in cluster H**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	TNT REDDAWAY TRUCK LINE INC
Facility Id:	64849946

RCRA Listings:

Date Form Received by Agency:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Handler Address:	801 E 26TH
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD180073900
Contact Name:	TNT REDDAWAY TR TNT REDDAWAY TR
Contact Address:	PO BOX 1035
Contact City,State,Zip:	CLACKAMAS, OR 97015-1035
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1035
Mailing City,State,Zip:	CLACKAMAS, OR 97015-1035
Owner Name:	TNT REDDAWAY TR T
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT REDDAWAY TRUCK LINE INC
Legal Status:	Private

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2109
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT REDDAWAY TR T
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2109
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005333228

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000133229
Registry ID: 110005333228
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005333228
Name: TNT REDDAWAY TRUCK LINE INC
Address: 801 E 26TH
City,State,Zip: TACOMA, WA 98421

I24 **JOHNSON STONE COUNTERTOP** **WA ALLSITES** **S109824363**
WNW **523 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.105 mi.
556 ft. **Site 1 of 6 in cluster I**

Relative:
Higher

Actual:
23 ft.

ALLSITES:
Name: JOHNSON STONE COUNTERTOP
Facility Id: 11685

G25 ESE < 1/8 0.105 mi. 557 ft. | **TACOMA TRESTLE TRACK & SIGNAL PROJECT**
824 E 25TH STREET
TACOMA, WA 98421

Site 5 of 7 in cluster G

WA CSCSL **S123248437**
WA ALLSITES **N/A**
WA ASBESTOS

Relative: Lower

Actual: 19 ft.

CSCSL:

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Facility Id:	8199

ASBESTOS:

Name:	Not reported
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	131127#1539491407
Notice Date:	10/04/2018
Start Date:	10/15/2018
Completion Date:	11/21/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	DICKSON COMPANY (TACOMA) (ABCN00001008)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278045472
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jacob Kuhnel (ABAS00035391) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

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26 **AUTOMOTIVE PERFORMANCE CENTER AUTO REPRS** **EDR Hist Auto** **1014533441**
ENE **914 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.108 mi.
571 ft.

Relative: EDR Hist Auto
Lower

Actual:
19 ft.

Year:	Name:	Type:
1971	STRONG HAROLD A	Automotive Dealers, NEC
1972	STRONG HAROLD A	Automotive Dealers, NEC
1988	AUTO PERFORMANCE CENTER AUTO RE	AUTOMOBILE REPAIRING
1989	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1990	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1991	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1992	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1993	AUTOMOTIVE PERFORMANCE CENTER A	AUTOMOBILE REPAIRING & SERVICE
1993	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1994	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1995	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair
1996	AUTOMOTIVE PERFORMANCE CENTER	Engine Repair

J27 SSW < 1/8 0.109 mi. 573 ft. — **HJB MARINE**, **601 E 26TH ST**, **TACOMA, WA 98421** — **WA ALLSITES** — **S109824733** / **N/A**

Site 1 of 2 in cluster J

Relative: Higher
Actual: 54 ft.

ALLSITES:

Name:	HJB MARINE
Facility Id:	3081

F28 SSE < 1/8 0.115 mi. 609 ft. — **WESTERN BEER DISTRIBUTORS INC**, **712 EAST 26TH**, **TACOMA, WA 98421** — **WA LUST**, **WA UST**, **WA ALLSITES**, **WA CSCSL NFA** — **U003353915** / **N/A**

Site 2 of 5 in cluster F

Relative: Lower
Actual: 19 ft.

LUST:

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	58813229
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6346
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	WESTERN BEER DISTRIBUTORS INC
Response Section:	Southwest
Release Date:	06/25/1992
Lust Date:	10/15/1996
Region:	Southwest
Lust ID:	2077
UST ID:	2584
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239649 / -122.41522

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	58813229
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6346
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	WESTERN BEER DISTRIBUTORS INC
Response Section:	Southwest
Release Date:	06/25/1992
Lust Date:	10/15/1996
Region:	Southwest
Lust ID:	2077
UST ID:	2584
Contaminant Name:	Pesticides-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239649 / -122.41522

UST:

Name:	WESTERN BEER DISTRIBUTORS INC
Address:	712 EAST 26TH
City:	TACOMA
Zip:	98421
Facility ID:	58813229
Site Id:	2584
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239649
Decimal Longitude:	-122.415225
Tank Name:	1.
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/30/1969
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WESTERN BEER DISTRIBUTORS
Facility Id:	58813229

CSCSL NFA:

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	58813229
CS Id:	6346
NFA Date:	10/15/1996
Alternate Site Names:	WESTERN BEER DISTRIBUTORS INC

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Pesticides-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239649
Longitude:	-122.415225

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	58813229
CS Id:	6346
NFA Date:	10/15/1996
Alternate Site Names:	WESTERN BEER DISTRIBUTORS INC
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239649
Longitude:	-122.415225

I29 **SOUTH SOUND RADIATOR** **WA HSL** **S108277197**
West **509 PUYALLUP AVE** **WA CSCSL** **N/A**
< 1/8 **TACOMA, WA 98421** **WA ALLSITES**
0.117 mi.
616 ft. **Site 2 of 6 in cluster I**

Relative:
Higher

Actual:
25 ft.

HSL:

Name:	SOUTH SOUND RADIATOR
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	8785404
Rank:	2
Region:	SW
EDR Link ID:	8785404
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SOUTH SOUND RADIATOR

SOUTH SOUND RADIATOR (Continued) **S108277197**

Address:	509 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8785404
Region:	Southwest
Lat/Long:	47.241018008096 / -122.4275156571
Clean Up Siteid:	3600
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUTH SOUND RADIATOR
Address:	509 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8785404
Region:	Southwest
Lat/Long:	47.241018008096 / -122.4275156571
Clean Up Siteid:	3600
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SOUTH SOUND RADIATOR
Facility Id:	8785404

F30 **PRECISION PATTERN INC** **WA VCP** **S124436250**
South **2620 E G ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.121 mi.
638 ft. **Site 3 of 5 in cluster F**

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421

PRECISION PATTERN INC (Continued) **S124436250**

edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85239825
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-03-04
Rank:	Not reported
Cleanup Siteid:	4080
Contaminant Name:	Non-Halogenated Solvents
Soil:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85239825
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-03-04
Rank:	Not reported
Cleanup Siteid:	4080
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

F31 **PRECISION PATTERN INC** **WA ALLSITES** **1000172416**
South **2620 E G ST** **WA CSCSL NFA** **N/A**
< 1/8 **TACOMA, WA 98421** **WA SPILLS**
0.121 mi. **FINDS**
638 ft. **Site 4 of 5 in cluster F** **ECHO**
WA MANIFEST

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	PRECISION PATTERN INC
Facility Id:	85239825

Name:	AIM AEROSPACE
Facility Id:	23500

CSCSL NFA:

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	85239825
CS Id:	4080
NFA Date:	03/04/2009
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA

PRECISION PATTERN INC (Continued) **1000172416**

Region:	Southwest
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23875
Longitude:	-122.4242

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	85239825
CS Id:	4080
NFA Date:	03/04/2009
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23875
Longitude:	-122.4242

SPILLS:

Name:	PRECISION PATTERN
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA
Facility ID:	544441
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	11/08/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

FINDS:
Registry ID: 110005319976

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000172416
Registry ID:	110005319976
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005319976
Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AIM AEROSPACE TACOMA OPERATIONS
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

PRECISION PATTERN INC (Continued) **1000172416**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM AEROSPACE
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste flammable liquids Acetone N.O.S
CORb Sequence Number:	136068
Sequence Number:	2659273
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	250
Quanity Unit:	LB
Kilograms Quanity:	113.400001
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W403
Description:	Washington State Waste only Toxic Persistant
CORb Sequence Number:	136068
Sequence Number:	2659275
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	washington state waste only - toxic
CORb Sequence Number:	136068
Sequence Number:	2659274
Mixed Radioactive Flag:	False
Designation Code:	D

PRECISION PATTERN INC (Continued) **1000172416**

Reported Quanity: 80
Quanity Unit: LB
Kilograms Quanity: 36.2880006
Density Number: 0
Density Quanity: Not reported

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 136068
Waste Sequence Number: 2659273
Sequence Number: 656684
Received EPAID: WAD991281767
Managed Quanity: 250
Kilogram Quanity: 113.400001
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2659275
Sequence Number: 656686
Received EPAID: WAD991281767
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2659274
Sequence Number: 656685
Received EPAID: WAD991281767
Managed Quanity: 80
Kilogram Quanity: 36.2880006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 136068
Comments: acetone waste - for cleaning of small cutting tools
Waste Sequence Number: 2659273
Sequence Number: 1

Comments: oil that was found - old
Waste Sequence Number: 2659274
Sequence Number: 1

Comments: tcc-301 resin
Waste Sequence Number: 2659275
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136068
Waste Sequence Number: 2659273
Sequence Number: 5890088
WCDA Code: D001

Waste Sequence Number: 2659273
Sequence Number: 5890089
WCDA Code: F003

PRECISION PATTERN INC (Continued) **1000172416**

Waste Stream Source Code:

CORB Waste Sequence Number:	136068
Waste Sequence Number:	2659273
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2659274
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2659275
Sequence Number:	1
WCDD Code:	G09

Name:	AIM AEROSPACE TACOMA OPERATIONS
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM AEROSPACE
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist

PRECISION PATTERN INC (Continued) **1000172416**

Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

PRECISION PATTERN INC (Continued) **1000172416**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste flammable liquids NOS (Naphtha, Tylene)
CORb Sequence Number:	128039
Sequence Number:	2497284
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.968001014249623
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Liquid, NOS (Bisphenol a based epoiy Resin)
CORb Sequence Number:	128039
Sequence Number:	2497282
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	125
Quanity Unit:	LB
Kilograms Quanity:	56.700000975240023
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste Toxic

PRECISION PATTERN INC (Continued) **1000172416**

CORb Sequence Number:	128039
Sequence Number:	2497280
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	45
Quanity Unit:	LB
Kilograms Quanity:	20.412000351086409
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	128039
Waste Sequence Number:	2497282
Sequence Number:	590746
Received EPAID:	WAD991281767
Managed Quanity:	125
Kilogram Quanity:	56.700000975240023
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2497284
Sequence Number:	590752
Received EPAID:	WAD991281767
Managed Quanity:	130
Kilogram Quanity:	58.968001014249623
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2497280
Sequence Number:	590738
Received EPAID:	WAD991281767
Managed Quanity:	45
Kilogram Quanity:	20.412000351086409
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Stream Comments:

CORB Waste Sequence Number:	128039
Comments:	Liquid, NOS (Bisphenol a based epoiy Resin)
Waste Sequence Number:	2497282
Sequence Number:	1
Comments:	Waste Toxic
Waste Sequence Number:	2497280
Sequence Number:	1
Comments:	Waste flammable liquids NOS (Naphtha, Tylene)
Waste Sequence Number:	2497284
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	128039
Waste Sequence Number:	2497284
Sequence Number:	5440899
WCDA Code:	D018

PRECISION PATTERN INC (Continued) **1000172416**

Waste Sequence Number: 2497284
Sequence Number: 5440898
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 128039
Waste Sequence Number: 2497280
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2497282
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2497284
Sequence Number: 1
WCDD Code: G09

Name: PRECISION PATTERN INC
Address: 2620 E G ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 85239825
EPA ID: WAD042801944
NAICS: 332997
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: No Regulated Waste Generated.
Data Year: 2009
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: 600087981
Business Type: TOOL MANUFACTURING
Mail Name: Precision Pattern Inc
Mailing Address: 2620 E G ST
Mailing City,State,Zip: TACOMA, WA 98421-1907
Legal Organization Name: AIM Group USA
Legal Organization Type: Private
Legal Contact: Not reported
Legal Address: PO Box 9011
Legal Address 2: Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Brian Retzloff
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Brian Retzloff
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	bretzloff@ppattern.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003,F005,D002,
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

PRECISION PATTERN INC (Continued) **1000172416**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Brian Retzloff
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Brian Retzloff
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	bretzloff@ppattern.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

PRECISION PATTERN INC (Continued) **1000172416**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS AND SOLVENT
CORb Sequence Number:	118235
Sequence Number:	2004159
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	210
Quanity Unit:	LB
Kilograms Quanity:	95.256001638403234
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS AND SOLVENT
CORb Sequence Number:	118235
Sequence Number:	2004158
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	700
Quanity Unit:	LB
Kilograms Quanity:	317.52000546134411
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PRECISION PATTERN INC (Continued) **1000172416**

WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	REN 4037 HARDENER
CORb Sequence Number:	118235
Sequence Number:	2004163
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	CORROSIVE CLASS 8 LABPACK
CORb Sequence Number:	118235
Sequence Number:	2004161
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	83.400000000000006
Quanity Unit:	LB
Kilograms Quanity:	37.830240650680146
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOLS CONSOLIDATION
CORb Sequence Number:	118235
Sequence Number:	2004162
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	TOXICS CLASS 6.1 LOOSEPACK
CORb Sequence Number:	118235
Sequence Number:	2004160
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8.3399999999999999
Quanity Unit:	LB
Kilograms Quanity:	3.7830240650680143
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118235
Waste Sequence Number:	2004162
Sequence Number:	955763
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2004160
Sequence Number:	955761
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	8.34
Unit of Measure:	LB
Kilograms Quanity:	3.78302406506801
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2004158
Sequence Number:	955759
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	100
Unit of Measure:	LB
Kilograms Quanity:	45.360000780192
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2004158
Sequence Number:	955758
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	600
Unit of Measure:	LB

PRECISION PATTERN INC (Continued) **1000172416**

Kilograms Quanity:	272.160004681152
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004161
Sequence Number:	955762
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	83.4
Unit of Measure:	LB
Kilograms Quanity:	37.8302406506801
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004163
Sequence Number:	955764
Shipment Date:	9/23/2008
Mainfest Document ID:	70440
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004159
Sequence Number:	955760
Shipment Date:	9/23/2008
Mainfest Document ID:	70440
Reported Quanity:	210
Unit of Measure:	LB
Kilograms Quanity:	95.2560016384032
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	118235
Waste Sequence Number:	2004163
Sequence Number:	488123
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H111
Waste Sequence Number:	2004158
Sequence Number:	488118
Received EPAID:	WAD991281767
Managed Quanity:	700
Kilogram Quanity:	317.52000546134411
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	2004162
Sequence Number:	488122
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2004161

PRECISION PATTERN INC (Continued) **1000172416**

Sequence Number: 488121
Received EPAID: WAD991281767
Managed Quanity: 83.400000000000006
Kilogram Quanity: 37.830240650680146
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004160
Sequence Number: 488120
Received EPAID: WAD991281767
Managed Quanity: 8.3399999999999999
Kilogram Quanity: 3.7830240650680143
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004159
Sequence Number: 488119
Received EPAID: WAD991281767
Managed Quanity: 210
Kilogram Quanity: 95.256001638403234
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 118235
Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004160
Sequence Number: 1

Comments: ONE TIIME CLEANUP
Waste Sequence Number: 2004162
Sequence Number: 1

Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004163
Sequence Number: 1

Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004161
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 118235
Waste Sequence Number: 2004161
Sequence Number: 4287593
WCDA Code: D002

Waste Sequence Number: 2004159
Sequence Number: 4287585
WCDA Code: F003

Waste Sequence Number: 2004158
Sequence Number: 4287596
WCDA Code: D035

Waste Sequence Number: 2004159

PRECISION PATTERN INC (Continued) **1000172416**

Sequence Number: 4287586
WCDA Code: F005

Waste Sequence Number: 2004162
Sequence Number: 4287594
WCDA Code: D001

Waste Sequence Number: 2004158
Sequence Number: 4287598
WCDA Code: F005

Waste Sequence Number: 2004159
Sequence Number: 4287584
WCDA Code: D035

Waste Sequence Number: 2004158
Sequence Number: 4287595
WCDA Code: D001

Waste Sequence Number: 2004159
Sequence Number: 4287583
WCDA Code: D001

Waste Sequence Number: 2004158
Sequence Number: 4287597
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 118235
Waste Sequence Number: 2004159
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2004160
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2004163
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2004161
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2004158
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2004162
Sequence Number: 1
WCDD Code: G19

Name: PRECISION PATTERN INC
Address: 2620 E G ST
City,State,Zip: TACOMA, WA 98421

PRECISION PATTERN INC (Continued) **1000172416**

Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Staci Book
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	Sbook@PPATTERN.COM

PRECISION PATTERN INC (Continued) **1000172416**

Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907

PRECISION PATTERN INC (Continued) **1000172416**

Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Dan Hesser
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333/891-6619
Site Contact Email:	dhesser@ppattern.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No

PRECISION PATTERN INC (Continued) **1000172416**

Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Staci Book
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	Sbook@PPATTERN.COM
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No

PRECISION PATTERN INC (Continued) **1000172416**

Used Oil Fuel Marketer Meets Specs: No
Site Contact Address 2: Not reported

F32 **AIM AEROSPACE TACOMA OPERATIONS** **RCRA NonGen / NLR** **1015751726**
South **2620 E G ST** **WAD042801944**
< 1/8 **TACOMA, WA 98421**
0.121 mi.
638 ft. **Site 5 of 5 in cluster F**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2013-07-19 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Handler Address:	2620 E G ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD042801944
Contact Name:	KATHY EATON
Contact Address:	2620 EAST G STREET
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-572-4333
Contact Fax:	Not reported
Contact Email:	KEATON@AIM-AEROSPACE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	AIM AEROSPACE
Owner Type:	Private
Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 16:09:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE A
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATHY E
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-06 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-02 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Electronic Manifest Broker:	Not reported
Receive Date:	2013-07-19 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-13 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-02 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-06-04 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-04-11 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Receive Date:	2005-04-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-28 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-19 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-05 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-08 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-14 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-05-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-16 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-24 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-02 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-06 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-01-07 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-07-18 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332997
NAICS Description:	INDUSTRIAL PATTERN MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-06-26 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-02-11 00:00:00.0
Actual Return to Compliance Date:	2005-03-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-02-11 00:00:00.0
Actual Return to Compliance Date:	2005-02-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEXZ
Evaluation Responsible Sub-Organization:	SW

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-07-04 00:00:00.0
Scheduled Compliance Date:	1993-06-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-05-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Former Citation:	Not reported
Evaluation Date:	2005-02-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2005-03-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-03-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANDL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2005-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

H33 **CARAUSTAR** **WA SWF/LF** **S118344775**
SE **808 E 26TH ST** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98421** **WA ASBESTOS**
0.123 mi. **WA MANIFEST**
650 ft. **Site 2 of 3 in cluster H**

Relative:
Lower

Actual:
19 ft.

SWF/LF:

Name:	CARAUSTAR TACOMA PAPERBOARD
Address:	808 EAST 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3313
Region:	STATE
Permit Status:	Exempt
Contact Organization:	Caraustar Tacoma Paperboard
Contact Address1:	808 East 26th St
Contact Address2:	Not reported
Contact City:	Tacoma
Contact State:	WA
Contact Postal:	98421
Contact EMail:	mike.trussell@caraustar.com
Contact Phone:	(253) 502-5720
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-627-1197
Operator Name:	Not reported
Operator Organization:	Caraustar Tacoma Paperboard
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Recycling (non-regulated)
Contact Name:	Mike Trussell
Contact Title:	Plant Process Engineer
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	CARAUSTAR
Facility Id:	1685

ASBESTOS:

Name:	Not reported
Address:	808 E 26TH ST

CARAUSTAR (Continued) **S118344775**

City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	141946#190038735
Notice Date:	09/17/2019
Start Date:	05/20/2019
Completion Date:	09/19/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (TACOMA) (ABCN00001532)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported

CARAUSTAR (Continued) **S118344775**

Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Air cell Pipe Insulation
Supervisor:	Matthew Ware (ABAS00030943) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	141946#190038735
Notice Date:	05/08/2019
Start Date:	05/20/2019
Completion Date:	05/23/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported

CARAUSTAR (Continued) **S118344775**

Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (TACOMA) (ABCN00001532)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported

CARAUSTAR (Continued) **S118344775**

Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Air cell Pipe Insulation
Supervisor:	Matthew Ware (ABAS00030943) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/12/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported

CARAUSTAR (Continued) **S118344775**

Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported

CARAUSTAR (Continued) **S118344775**

Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/09/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported

CARAUSTAR (Continued) **S118344775**

CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported

CARAUSTAR (Continued) **S118344775**

Form ID:	152368#1291223788
Notice Date:	12/09/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported

CARAUSTAR (Continued) **S118344775**

Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/05/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported

CARAUSTAR (Continued) **S118344775**

Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported

CARAUSTAR (Continued) **S118344775**

Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

WA MANIFEST:

Name:	CARAUSTAR
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1685
EPA ID:	WAH000050232
NAICS:	322130
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 300
Tax Reg #:	602231398
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	808 E 26th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Caraustar Industries Inc

CARAUSTAR (Continued) **S118344775**

Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		5000 Austell Powder Springs Rd
Legal Address 2:		Ste 300
Legal City,State,Zip:		Austell, GA 30106
Legal Phone Number:		(770)948-3101
Legal Effective Date:		01/01/2002
Land Organization Name:		Caraustar Industries Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		5000 Austell Powder Springs Rd
Land City,State,Zip:		Austell, GA 30106
Land Phone Number:		(770)948-3101
Operator Organization Name:		Caraustar Tacoma Paperboard
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		808 E 26th St
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)627-1197
Operator Effective Date:		01/01/2002
Site Contact:		Not reported
Site Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Site Contact Phone Number:		Not reported
Site Contact Email:		Not reported
Gen Status Code:		SQG
Monthly Generation:		False
Batch Generation:		True
One Time Generation:		False
Transport Own Waste:		False
Tranports Other Waste:		False
Recycler Onsite:		False
Transfer Facility:		False
Other Exemption:		Not reported
UW Battery Gen:		False
Used Oil Transporter:		False
Used Oil Transfer Facility:		False
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		CARAUSTAR
Address:		808 E 26TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		1685
EPA ID:		WAH000050232
NAICS:		322130
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported

CARAUSTAR (Continued) **S118344775**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 300
Tax Reg #:	602231398
Business Type:	Paperboard Mill
Mail Name:	Caraustar Tacoma Paperboard
Mailing Address:	808 E 26th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Caraustar Industries Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5000 Austell Powder Springs Rd
Legal Address 2:	Ste 300
Legal City,State,Zip:	Austell, GA 30106
Legal Phone Number:	(770)948-3101
Legal Effective Date:	01/01/2002
Land Organization Name:	Caraustar Industries Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5000 Austell Powder Springs Rd
Land City,State,Zip:	Austell, GA 30106
Land Phone Number:	(770)948-3101
Operator Organization Name:	Caraustar Tacoma Paperboard
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	808 E 26th St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)627-1197
Operator Effective Date:	01/01/2002
Site Contact:	Mark Lindstrom
Site Contact Address:	808 E 26th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)627-1197
Site Contact Email:	mark.lindstrom@caraustar.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

CARAUSTAR (Continued) **S118344775**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	CARAUSTAR
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1685
EPA ID:	WAH000050232
NAICS:	322130
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 300
Tax Reg #:	602231398
Business Type:	Paperboard Mill
Mail Name:	Caraustar Tacoma Paperboard
Mailing Address:	808 E 26th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Caraustar Industries Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5000 Austell Powder Springs Rd
Legal Address 2:	Ste 300
Legal City,State,Zip:	Austell, GA 30106
Legal Phone Number:	(770)948-3101
Legal Effective Date:	01/01/2002
Land Organization Name:	Caraustar Industries Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5000 Austell Powder Springs Rd
Land City,State,Zip:	Austell, GA 30106
Land Phone Number:	(770)948-3101
Operator Organization Name:	Caraustar Tacoma Paperboard
Operator Organization Type:	Private

CARAUSTAR (Continued) **S118344775**

Operator:	Not reported
Operator Address:	808 E 26th St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)627-1197
Operator Effective Date:	01/01/2002
Site Contact:	Mark Lindstrom
Site Contact Address:	808 E 26th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)627-1197
Site Contact Email:	mark.lindstrom@caraustar.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

H34 **CARAUSTAR** **RCRA-VSQG** **1018282550**
SE **808 E 26TH ST** **WAH000050232**
< 1/8 **TACOMA, WA 98421**
0.123 mi.
650 ft. **Site 3 of 3 in cluster H**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-05 00:00:00.0
Handler Name:	CARAUSTAR
Handler Address:	808 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000050232
Contact Name:	MIKE TRUSSELL
Contact Address:	808 E 26TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-627-1197
Contact Fax:	Not reported
Contact Email:	MIKE.TRUSSELL@CARAUSTAR.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	808 E 26TH ST

CARAUSTAR (Continued) **1018282550**

Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CARAUSTAR INDUSTRIES INC
Owner Type:	Private
Operator Name:	CARAUSTAR TACOMA PAPERBOARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CARAUSTAR (Continued) **1018282550**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: Not reported

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CARAUSTAR INDUSTRIES INC
Legal Status: Private
Date Became Current: 2002-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip: AUSTELL, GA 30106
Owner/Operator Telephone: 770-948-3101
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CARAUSTAR INDUSTRIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 5000 ANSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip: ANSTELL, GA 30106
Owner/Operator Telephone: 770-948-3101
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CARAUSTAR
Legal Status: Private
Date Became Current: 2002-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip: AUSTELL, GA 30106
Owner/Operator Telephone: 770-948-3101
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CARAUSTAR
Legal Status: Private
Date Became Current: 2002-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip: AUSTELL, GA 30106
Owner/Operator Telephone: 770-948-3101
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

CARAUSTAR (Continued) **1018282550**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 ANSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	ANSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR TACOMA PAPERBOARD
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	808 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-627-1197
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106

CARAUSTAR (Continued) **1018282550**

Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-01-27 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Small Quantity Generator

CARAUSTAR (Continued) **1018282550**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-23 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-10-04 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-14 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-18 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

CARAUSTAR (Continued) **1018282550**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-05 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322130
NAICS Description:	PAPERBOARD MILLS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

CARAUSTAR (Continued) **1018282550**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

CARAUSTAR (Continued) **1018282550**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

CARAUSTAR (Continued) **1018282550**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CARAUSTAR (Continued) **1018282550**

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

I35 WNW 1/8-1/4 0.132 mi. 697 ft. | **BNSF TACOMA FUELING FACILITY**
1001 PUYALLUP AVE
TACOMA, WA 98421

Site 3 of 6 in cluster I

WA HSL **S108021688**
WA CSCSL **N/A**
WA ALLSITES

Relative: Higher

Actual: 22 ft.

HSL:

Name:	BNSF TACOMA FUELING FACILITY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	7981609
Rank:	5
Region:	SW
EDR Link ID:	7981609
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNSF TACOMA FUELING FACILITY
Address:	1001 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	7981609
Region:	Southwest
Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF TACOMA FUELING FACILITY
Address:	1001 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	7981609
Region:	Southwest
Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

BNSF TACOMA FUELING FACILITY (Continued) **S108021688**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF TACOMA FUELING FACILITY
Address:	1001 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	7981609
Region:	Southwest
Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF TACOMA FUELING FACILITY
Address:	1001 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	7981609
Region:	Southwest
Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF TACOMA FUELING FACILITY
Facility Id:	7981609

G36 East 1/8-1/4 0.134 mi. 710 ft. | **PRECISION MACHINE WORKS**
925 E 25TH ST
TACOMA, WA 98421
Site 6 of 7 in cluster G | **WA ALLSITES FINDS ECHO WA MANIFEST** | **1011915317 N/A**

Relative: Lower
Actual: 19 ft.

ALLSITES:
Name: PRECISION MACHINE WORKS
Facility Id: 6595720

FINDS:
Registry ID: 110067412669

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1011915317
Registry ID: 110067412669
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067412669
Name: PRECISION MACHINE WORKS
Address: 925 E 25TH ST
City,State,Zip: TACOMA, WA 98421

WA MANIFEST:
Name: PRECISION MACHINE WORKS
Address: 925 E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 6595720
EPA ID: WAH000033558
NAICS: 336413
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False

PRECISION MACHINE WORKS (Continued) **1011915317**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D Industry Drive
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D005, D035, F003, F005
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421

PRECISION MACHINE WORKS (Continued) **1011915317**

Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags contaminated with solvents, sealants
CORb Sequence Number:	127603
Sequence Number:	2495542
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	578
Quanity Unit:	LB
Kilograms Quanity:	262.18080450950987
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	1155427
Shipment Date:	3/31/2010
Mainfest Document ID:	002220060SKS
Reported Quanity:	578
Unit of Measure:	LB
Kilograms Quanity:	262.18080450951

PRECISION MACHINE WORKS (Continued) **1011915317**

Receiving EPAID: TXD077603371

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 127603
Waste Sequence Number: 2495542
Sequence Number: 588606
Received EPAID: TXD077603371
Managed Quanity: 578
Kilogram Quanity: 262.18080450950987
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream EPA Code:
CORB Waste Sequence Number: 127603
Waste Sequence Number: 2495542
Sequence Number: 5419446
WCDA Code: D001

Waste Sequence Number: 2495542
Sequence Number: 5419448
WCDA Code: D035

Waste Sequence Number: 2495542
Sequence Number: 5419450
WCDA Code: F005

Waste Sequence Number: 2495542
Sequence Number: 5419449
WCDA Code: F003

Waste Sequence Number: 2495542
Sequence Number: 5419447
WCDA Code: D005

Waste Stream Source Code:
CORB Waste Sequence Number: 127603
Waste Sequence Number: 2495542
Sequence Number: 1
WCDD Code: G06

Name: PRECISION MACHINE WORKS
Address: 925 E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 6595720
EPA ID: WAH000033558
NAICS: 336413
State Waste Code Desc: Not reported
Federal Waste Code Desc: F005 D035
Form Comm: Not reported
Data Year: 2009
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False

PRECISION MACHINE WORKS (Continued) **1011915317**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave

PRECISION MACHINE WORKS (Continued) **1011915317**

Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
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Gen Status Code:	SQG
Monthly Generation:	False
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One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
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UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

G37 **PRECISION MACHINE WORKS** **RCRA NonGen / NLR** **1015751899**
East **925 E 25TH ST** **WAH000033558**
1/8-1/4 **TACOMA, WA 98421**
0.134 mi.
710 ft. **Site 7 of 7 in cluster G**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2012-02-15 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Handler Address:	925 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000033558
Contact Name:	BILL HABENICHT
Contact Address:	PO BOX 2265
Contact City,State,Zip:	KIRKLAND, WA 98083
Contact Telephone:	206-321-4767
Contact Fax:	Not reported
Contact Email:	BILLH@CNW.COM
Contact Title:	CONSULTANT
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	925 E 25TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PLATTE RIVER VENTURES

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner Type:	Private
Operator Name:	PRECISION MACHINE WORKS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 16:09:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

PRECISION MACHINE WORKS (Continued) **1015751899**

Sub-Part P Indicator: Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: PRECISION MACHINE WORKS
Legal Status: Private
Date Became Current: 1900-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2024 PUYALLUP AVE
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 253-272-5119
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Email:	Not reported
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Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
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Legal Status:	Private
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Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
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Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VE P
Legal Status:	Private

PRECISION MACHINE WORKS (Continued) **1015751899**

Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHI P
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
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PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-09 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-18 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS

PRECISION MACHINE WORKS (Continued) **1015751899**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-15 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-09-04 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-09 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PRECISION MACHINE WORKS (Continued) **1015751899**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-18 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

I38 **MANNA PRO CORP** **WA LUST** **U003353644**
West **518 PUYALLUP AVE** **WA UST** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA ICR**
0.136 mi. **WA ALLSITES**
718 ft. **Site 4 of 6 in cluster I** **WA CSCSL NFA**

Relative:
Higher

Actual:
34 ft.

LUST:

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	46689617
Lust Status Type:	LUST - NFA

MANNA PRO CORP (Continued) **U003353644**

Cleanup Site ID:	9332
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	MANNA PRO CO
Response Section:	Southwest
Release Date:	01/14/1992
Lust Date:	01/05/2001
Region:	Southwest
Lust ID:	1649
UST ID:	1672
Contaminant Name:	Petroleum-Other
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24058 / -122.42741

UST:

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	46689617
Site Id:	1672
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24058
Decimal Longitude:	-122.42741

Tank Name:	DIESEL TANK1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

MANNA PRO CORP (Continued) **U003353644**

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	DIESEL TANK2
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	GAS TANK 3
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported

MANNA PRO CORP (Continued) **U003353644**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ICR:
Date Ecology Received Report: 09/23/92
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-33
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/18/94
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-17
County Code: 27
Contact: Not reported
Report Title: Not reported

ALLSITES:
Name: MANNA PRO CO
Facility Id: 46689617

CSCSL NFA:
Name: MANNA PRO CORP
Address: 518 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 46689617
CS Id: 9332
NFA Date: 01/05/2001
Alternate Site Names: MANNA PRO CO
NFA Reason: NFA-Ecology Supervised/Conducted Cleanup
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Other
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24058
Longitude: -122.42741

I39 West 1/8-1/4 0.138 mi. 728 ft. | **ALL TRANSMISSIONS PINE ST**
505 PUYALLUP AVE
TACOMA, WA 98421

Site 5 of 6 in cluster I

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000134725
WAD122389281

Relative: Higher

Actual: 30 ft.

ALLSITES:

Name:	ALL TRANSMISSIONS PINE ST
Facility Id:	71491862

RCRA Listings:

Date Form Received by Agency:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Handler Address:	505 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD122389281
Contact Name:	ALL TRANSMISSIO ALL TRANSMISSIO
Contact Address:	505 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-1318
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	505 PUYALLUP AVE
Mailing City,State,Zip:	TACOMA, WA 98421-1318
Owner Name:	ALL TRANSMISSIO A
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIONS PINE ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL TRANSMISSIONS PINE ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIO A
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1318
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL TRANSMISSIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1318
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005331293

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000134725
Registry ID:	110005331293
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005331293
Name:	ALL TRANSMISSIONS PINE ST
Address:	505 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

J40 SSW 1/8-1/4 0.138 mi. 731 ft. **DON ENGLE DISTRIBUTING INC** **WA UST** **U003356078**
2601 E F ST **WA ALLSITES** **N/A**
TACOMA, WA 98421

Site 2 of 2 in cluster J

Relative: Higher

Actual: 66 ft.

UST:

Name:	DON ENGLE DISTRIBUTING INC
Address:	2601 E F ST
City:	TACOMA
Zip:	98421
Facility ID:	75382517
Site Id:	9917
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238101
Decimal Longitude:	-122.426724
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1965
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	DON ENGLE DISTRIBUTING INC

DON ENGLE DISTRIBUTING INC (Continued) **U003356078**

Address:	2601 E F ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1965
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DON ENGLE DISTRIBUTING INC
Facility Id:	75382517

I41 **LEGACY RENOVATIONS** **WA ALLSITES** **S109823906**
West **511 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.142 mi.
750 ft. **Site 6 of 6 in cluster I**

Relative:
Higher

Actual:
32 ft.

ALLSITES:

Name:	LEGACY RENOVATIONS
Facility Id:	20621

K42 **NEW TACOMA BOX CO** **WA ALLSITES** **S110040424**
ESE **921 E 26TH ST** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.144 mi.
762 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	NEW TACOMA BOX CO
Facility Id:	13283

K43 ESE 1/8-1/4 0.145 mi. 764 ft. | **SOUND TRANSIT TACOMA TRESTLE PROJECT**
XXX E 25TH ST
TACOMA, WA 98421

Site 2 of 2 in cluster K

WA CSCSL **S121442468**
WA ALLSITES **N/A**

Relative: Lower

Actual: 19 ft.

CSCSL:

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Contaminant Name: Mercury
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT TACOMA TRESTLE PROJECT
Address: XXX E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 608568
Region: Southwest
Lat/Long: 47.24024 / -122.4205
Clean Up Siteid: 14417
Site Status: Awaiting Cleanup
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT TACOMA TRESTLE PROJECT
Address: XXX E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 608568
Region: Southwest
Lat/Long: 47.24024 / -122.4205
Clean Up Siteid: 14417
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Facility Id:	608568

L44 **DISCOVERY** **WA UST** **U003604942**
West **502 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98402**
0.148 mi.
779 ft. **Site 1 of 7 in cluster L**

Relative:
Higher

Actual:
35 ft.

UST:

Name:	DISCOVERY
Address:	502 PUYALLUP AVE
City:	TACOMA
Zip:	98402
Facility ID:	31649744
Site Id:	502627
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2405701248922
Decimal Longitude:	-122.427764174835

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	12/10/1999

DISCOVERY (Continued) **U003604942**

Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DISCOVERY
Facility Id:	31649744

L45 **TACOMA DOME STATION** **WA ALLSITES** **S101189816**
West **500 PUYALLUP AVE** **WA CSCSL NFA** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.149 mi.
786 ft. **Site 2 of 7 in cluster L**

Relative:
Higher

Actual:
35 ft.

ALLSITES:

Name:	TACOMA DOME STATION
Facility Id:	1266

CSCSL NFA:

Name:	TACOMA DOME STATION
Address:	500 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1266
CS Id:	3765
NFA Date:	01/03/2001
Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24052
Longitude:	-122.42745

46
South
1/8-1/4
0.151 mi.
798 ft.

PUGET SOUND METAL
2607 EAST G ST
TACOMA, WA 98421

WA ALLSITES
FINDS

1011975226
N/A

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: PUGET SOUND METAL
Facility Id: 9147902

FINDS:
Registry ID: 110038118658

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

47
SW
1/8-1/4
0.157 mi.
830 ft.

GOLDEN WEST MOTEL
503 E 26TH
TACOMA, WA 98404

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000838142
WAD988508651

Relative:
Higher

Actual:
85 ft.

ALLSITES:
Name: GOLDEN WEST MOTEL
Facility Id: 62113225

RCRA Listings:

Date Form Received by Agency:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Handler Address:	503 E 26TH
Handler City,State,Zip:	TACOMA, WA 98404
EPA ID:	WAD988508651
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2002 E 28TH ST
Mailing City,State,Zip:	TACOMA, WA 98404

GOLDEN WEST MOTEL (Continued) **1000838142**

Owner Name:	GOLDEN WEST MOTEL
Owner Type:	Private
Operator Name:	GOLDEN WEST MOTEL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

GOLDEN WEST MOTEL (Continued) **1000838142**

Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1312
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported

GOLDEN WEST MOTEL (Continued) **1000838142**

Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

GOLDEN WEST MOTEL (Continued) **1000838142**

Receive Date:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-07-02 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	72111
NAICS Description:	HOTELS (EXCEPT CASINO HOTELS) AND MOTELS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005377047

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000838142

GOLDEN WEST MOTEL (Continued) **1000838142**

Registry ID:	110005377047
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005377047
Name:	GOLDEN WEST MOTEL
Address:	503 E 26TH
City,State,Zip:	TACOMA, WA 98404

L48 **PACIFIC CHARTER SCHOOL** **WA LUST** **S121969951**
West **2300 EAST E ST** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA CSCSL NFA**
0.169 mi.
891 ft. **Site 3 of 7 in cluster L**

Relative:
Higher

Actual:
26 ft.

LUST:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1893
Lust Status Type:	LUST - NFA
Cleanup Site ID:	14981
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/22/2015
Lust Date:	05/20/2019
Region:	Southwest
Lust ID:	8097
UST ID:	620249
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2413193 / -122.42837

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1893
Lust Status Type:	LUST - NFA
Cleanup Site ID:	14981
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/22/2015
Lust Date:	05/20/2019
Region:	Southwest
Lust ID:	8097
UST ID:	620249
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported

PACIFIC CHARTER SCHOOL (Continued) **S121969951**

Bedrock: Not reported
Lat/Long: 47.2413193 / -122.42837

ALLSITES:
Name: PACIFIC CHARTER SCHOOL
Facility Id: 1893

CSCSL NFA:
Name: PACIFIC CHARTER SCHOOL
Address: 2300 EAST E ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 1893
CS Id: 14981
NFA Date: 05/20/2019
Alternate Site Names: Not reported
NFA Reason: NFA-Independent Cleanup Reviewed by Ecology
Site Status: NFA
Region: Southwest
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.241319369
Longitude: -122.42837901

Name: PACIFIC CHARTER SCHOOL
Address: 2300 EAST E ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 1893
CS Id: 14981
NFA Date: 05/20/2019
Alternate Site Names: Not reported
NFA Reason: NFA-Independent Cleanup Reviewed by Ecology
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.241319369
Longitude: -122.42837901

L49 West 1/8-1/4 0.169 mi. 891 ft. | **PACIFIC CHARTER SCHOOL**
2300 EAST E ST
TACOMA, WA 98421

WA UST | **U004248548**
N/A

Site 4 of 7 in cluster L

Relative: Higher

Actual: 26 ft.

UST:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City:	TACOMA
Zip:	98421
Facility ID:	1893
Site Id:	620249
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2413193691787
Decimal Longitude:	-122.428379009514
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/21/2015
Tank Install Date:	Not reported
Tank Closure Date:	10/28/2015
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

---

50 East 1/8-1/4 0.169 mi. 894 ft. | **SAVAGE WHOLESALE**
1001 E 25TH ST
TACOMA, WA 98421

WA ALLSITES | **S109824409**
N/A

Relative: Lower

Actual: 19 ft.

ALLSITES:

Name:	SAVAGE WHOLESALE
Facility Id:	1747

M51 SE 1/8-1/4 0.171 mi. 901 ft. — **SMURFIT STONE CONTAINER CORP**, **817 E 27TH ST**, **TACOMA, WA 98421** — **WA VCP** — **S124432841** / **N/A**

Site 1 of 2 in cluster M

Relative: Lower
Actual: 19 ft.

VCP:

Name:	SMURFIT STONE CONTAINER CORP
Address:	817 E 27TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17167958
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	5
Cleanup Siteid:	4529
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Suspected

M52 SE 1/8-1/4 0.171 mi. 901 ft. — **SMURFIT STONE CONTAINER CORP**, **817 E 27TH ST**, **TACOMA, WA 98421** — **WA HSL**, **WA CSCSL**, **WA ALLSITES**, **WA NPDES** — **S107566012** / **N/A**

Site 2 of 2 in cluster M

Relative: Lower
Actual: 19 ft.

HSL:

Name:	SMURFIT STONE CONTAINER CORP
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	17167958
Rank:	5
Region:	SW
EDR Link ID:	17167958
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SMURFIT STONE CONTAINER CORP
Address:	817 E 27TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	17167958
Region:	Southwest
Lat/Long:	47.2376 / -122.42568
Clean Up Siteid:	4529
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	CARAUSTAR MILL GROUP INC.,JEFFERSON SMURFIT AKA CONTAINER COR,JEFFERSON SMURFIT CORP TACOMA

SMURFIT STONE CONTAINER CORP (Continued) **S107566012**

Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SMURFIT STONE CONTAINER CORP
Facility Id: 17167958

NPDES:
Name: TACOMA PAPERBOARD EAST 26TH STREET
Address: 817 E 27TH ST -
City,State,Zip: TACOMA, WA 98421-1908
Facility Status: Active
Facility Type: Industrial SW GP
Admin Region: Headqarters
Date Issued: 11/20/2019
Latitude: 47.2376
Longitude: -122.42568
Permit ID: WAR011523
Permit Version: 2
Permit Status: Active
Permit SubStatus: Coverage Issued
Ecology Contact: Paul Stasch
WRIA: Puyallup-White
Permit Expiration Date: 12/31/2024
Effective Date: 01/01/2020
Days to Expiration: -1632

L53 **INDUSTRIAL TIRE SERVICE ITS** **WA VCP** **S124433874**
West **423 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.171 mi.
901 ft. **Site 5 of 7 in cluster L**

Relative:
Higher

Actual:
30 ft.

VCP:
Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2

INDUSTRIAL TIRE SERVICE ITS (Continued) **S124433874**

Cleanup Siteid: 5316
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Non-Halogenated Solvents
Soil: Confirmed Above Cleanup Levels

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

L54 West 1/8-1/4 0.171 mi. 901 ft. | **CLEVINGER TRUCK SERVICE**
423 PUYALLUP AVE
TACOMA, WA 98421

Site 6 of 7 in cluster L

WA HSL | **U003354664**
WA CSCSL | **N/A**
WA LUST
WA UST
WA ALLSITES

Relative: Higher

Actual: 30 ft.

HSL:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	3291385
Rank:	2
Region:	SW
EDR Link ID:	3291385
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Region:	Southwest
Lat/Long:	47.24103795074 / -122.428393606
Clean Up Siteid:	5316
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	CLEVINGER TRUCK SERVICE
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Region:	Southwest
Lat/Long:	47.24103795074 / -122.428393606
Clean Up Siteid:	5316
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	CLEVINGER TRUCK SERVICE
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385
Region: Southwest
Lat/Long: 47.24103795074 / -122.428393606
Clean Up Siteid: 5316
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385
Region: Southwest
Lat/Long: 47.24103795074 / -122.428393606
Clean Up Siteid: 5316
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Lust ID:	6267
UST ID:	4874
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

UST:

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	3291385
Site Id:	4874
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24103795074
Decimal Longitude:	-122.428393606

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1961
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1961
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1968
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1974
Tank Closure Date:	07/29/2008
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	7
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	8
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	INDUSTRIAL TIRE SERVICE ITS
Facility Id:	3291385

N55 **AIRSPARES** **WA ALLSITES** **1000838849**
WSW **415 E 25TH ST** **RCRA NonGen / NLR** **WAD988516530**
1/8-1/4 **TACOMA, WA 98421** **FINDS**
0.177 mi. **ECHO**
933 ft. **Site 1 of 2 in cluster N**

Relative:
Higher

Actual:
49 ft.

ALLSITES:

Name:	AIRSPARES
Facility Id:	39438729

RCRA Listings:

Date Form Received by Agency:	2000-06-07 00:00:00.0
Handler Name:	AIRSPARES
Handler Address:	415 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988516530
Contact Name:	KEN POWELL
Contact Address:	2617 EAST L STREET
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-383-0800
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2617 EAST L STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	ST INVESTMENTS
Owner Type:	Private
Operator Name:	AIRSPARES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

AIRSPARES (Continued) **1000838849**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 15:07:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner

AIRSPARES (Continued) **1000838849**

Owner/Operator Name:	ST INVESTMENTS S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIRSPARES (Continued) **1000838849**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

AIRSPARES (Continued) **1000838849**

Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported

AIRSPARES (Continued) **1000838849**

Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-06-06 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-20 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-06-07 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-07 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

AIRSPARES (Continued) **1000838849**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-20 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-06-06 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42386
NAICS Description:	TRANSPORTATION EQUIPMENT AND SUPPLIES (EXCEPT MOTOR VEHICLE) MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

AIRSPARES (Continued) **1000838849**

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1994-07-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005383094

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838849
Registry ID:	110005383094
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005383094
Name:	AIRSPARES
Address:	415 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

56 ESE 1/8-1/4 0.186 mi. 980 ft. | **HOLROYD CO TACOMA PLANT 3 & 4**
26TH & J ST E
TACOMA, WA 98421 | **WA ALLSITES** | **S110037398**
WA NPDES | **N/A**

Relative: Lower
Actual: 19 ft.

ALLSITES:

Name:	HOLROYD CO TACOMA PLANT 3 & 4
Facility Id:	14812

NPDES:

Name:	HOLROYD CO TACOMA PLANT 3 & 4
Address:	26TH & J ST E
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Southwest
Date Issued:	02/17/2016
Latitude:	47.23951000
Longitude:	-122.4196
Permit ID:	WAG501027
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Chris Johnson
WRIA:	Puyallup-White
Permit Expiration Date:	03/31/2021
Effective Date:	04/01/2016
Days to Expiration:	-261

L57 West 1/8-1/4 0.187 mi. 987 ft. | **BULLS EYE SUPPLY**
414 PUYALLUP AVE
TACOMA, WA 98421 | **WA ALLSITES** | **S109824388**
N/A

Site 7 of 7 in cluster L

Relative: Higher
Actual: 39 ft.

ALLSITES:

Name:	BULLS EYE INDOOR RANGE
Facility Id:	19339
Name:	BULLS EYE SUPPLY
Facility Id:	11329

O58 West 1/8-1/4 0.203 mi. 1072 ft. | **SALVATION ARMY ARC**
409 PUYALLUP AVE
TACOMA, WA 98421 | **WA ALLSITES** | **S121969872**
N/A

Site 1 of 6 in cluster O

Relative: Higher
Actual: 32 ft.

ALLSITES:

Name:	SALVATION ARMY ARC
Facility Id:	12432118

O59 West 1/8-1/4 0.203 mi. 1072 ft. | **SALVATION ARMY ARC**
409 PUYALLUP AVE
TACOMA, WA 98421
Site 2 of 6 in cluster O | **RCRA NonGen / NLR**
FINDS
ECHO
WA ASBESTOS | **1000660274**
WAD988499570

Relative: Higher
Actual: 32 ft.

RCRA Listings:

Date Form Received by Agency:	2002-02-15 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Handler Address:	409 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988499570
Contact Name:	SAMUEL SOUTHARD
Contact Address:	1000 4TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98134
Contact Telephone:	206-587-0503
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1000 4TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98134
Owner Name:	SALVATION ARMY
Owner Type:	Private
Operator Name:	SALVATION ARMY ARC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY S
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1316
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Legal Status:	Private
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Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private

SALVATION ARMY ARC (Continued) **1000660274**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SALVATION ARMY ARC (Continued) **1000660274**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-17 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-15 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-26 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Receive Date:	1999-12-08 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-07 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-17 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45331
NAICS Description:	USED MERCHANDISE STORES

SALVATION ARMY ARC (Continued) **1000660274**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005370909

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660274
Registry ID:	110005370909
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005370909
Name:	SALVATION ARMY ARC
Address:	409 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

ASBESTOS:

Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94106##1511Rhine618470
Notice Date:	12/11/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1

SALVATION ARMY ARC (Continued) **1000660274**

Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-11 10:23:21
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94124##1511Rhine637394
Notice Date:	12/11/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-11 15:01:55
Submitter IP Address:	23.25.140.105
Region:	3

SALVATION ARMY ARC (Continued) **1000660274**

UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94932##1511Rhine352717
Notice Date:	01/05/2015
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2015-01-05 14:36:39
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554

SALVATION ARMY ARC (Continued) **1000660274**

Form ID:	94677##1511Rhine440234
Notice Date:	12/29/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1

SALVATION ARMY ARC (Continued) **1000660274**

Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-29 07:58:17
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94628##1511Rhine445448
Notice Date:	12/24/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1

SALVATION ARMY ARC (Continued) **1000660274**

Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1

SALVATION ARMY ARC (Continued) **1000660274**

HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-24 11:19:19
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	92858##1511Rhine939310
Notice Date:	11/06/2014
Start Date:	11/10/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Mark Hamper
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310

SALVATION ARMY ARC (Continued) **1000660274**

Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-06 15:21:28
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Mark Hamper ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93152##1511Rhine496697
Notice Date:	11/14/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Eric Baunsgard
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-14 13:31:48
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

SALVATION ARMY ARC (Continued) **1000660274**

Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	92554##1511Rhine677323
Notice Date:	10/30/2014
Start Date:	11/10/2014
Completion Date:	01/31/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Mark Hamper
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550

SALVATION ARMY ARC (Continued) **1000660274**

Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-10-30 15:15:40
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Mark Hamper ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93639##1511Rhine640929
Notice Date:	11/26/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1

SALVATION ARMY ARC (Continued) **1000660274**

Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-26 13:54:23
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93665##1511Rhine632967
Notice Date:	12/01/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale

SALVATION ARMY ARC (Continued) **1000660274**

Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-01 07:52:52
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

O60 **SALVATION ARMY ARC** **WA UST** **U004226470**
West **409 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.203 mi.
1072 ft. **Site 3 of 6 in cluster O**

Relative:
Higher

Actual:
32 ft.

UST:

Name:	SALVATION ARMY ARC
Address:	409 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	12432118
Site Id:	620192
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24038
Decimal Longitude:	-122.42873
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/13/2015
Tank Install Date:	Not reported
Tank Closure Date:	03/16/2015
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

SALVATION ARMY ARC (Continued) **U004226470**

Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

N61 **F & E INVESTMENTS** **WA UST** **U003355577**
WSW **401 EA 25 ST** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.207 mi.
1093 ft. **Site 2 of 2 in cluster N**

Relative:
Higher

Actual:
48 ft.

UST:
Name: F & E INVESTMENTS
Address: 401 EA 25 ST
City: TACOMA
Zip: 98421
Facility ID: 99973128
Site Id: 8296
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.239231
Decimal Longitude: -122.430044

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 05/15/1992
Tank Install Date: 12/31/1964
Tank Closure Date: 02/07/2020
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: F & E INVESTMENTS
Facility Id: 99973128

O62 West 1/8-1/4 0.211 mi. 1112 ft. | **ALFREDS CAFE** **402 PUYALLUP AVE** **TACOMA, WA 98421** | **WA ALLSITES** | **S109824135** **N/A**

Site 4 of 6 in cluster O

Relative: Higher
Actual: 39 ft.

ALLSITES:
Name: ALFREDS CAFE
Facility Id: 15568

P63 SW 1/8-1/4 0.214 mi. 1128 ft. | **INDUSTRIAL PARTS FRICTIONS I** **409 E 26TH ST** **TACOMA, WA 98421** | **WA ALLSITES** **RCRA NonGen / NLR** **FINDS** **ECHO** | **1000428550** **WAD027540384**

Site 1 of 3 in cluster P

Relative: Higher
Actual: 70 ft.

ALLSITES:
Name: INDUSTRIAL PARTS FRICTIONS I
Facility Id: 99982525

RCRA Listings:

Date Form Received by Agency:	1989-04-22 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Handler Address:	409 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD027540384
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	409 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	INDUSTRIAL PARTS FRICTIONS
Owner Type:	Private
Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1389

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-04-21 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1989-04-22 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1989-04-21 00:00:00.0

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32311
NAICS Description:	PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005264212

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000428550
Registry ID:	110005264212
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264212
Name:	INDUSTRIAL PARTS FRICTIONS I
Address:	409 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

O64 West 1/8-1/4 0.217 mi. 1146 ft. | **INDUSTRIAL RUBBER & SUPPLY TACOMA**
2307 E D ST
TACOMA, WA 98421
Site 5 of 6 in cluster O

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1004793951
WAD988475208

Relative: Higher
Actual: 24 ft.

ALLSITES:

Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Facility Id:	7529359

RCRA Listings:

Date Form Received by Agency:	2002-02-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Handler Address:	2307 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988475208
Contact Name:	RICK STEFFENSEN
Contact Address:	2105 E 51ST
Contact City,State,Zip:	FIFE, WA 98445
Contact Telephone:	253-922-1148
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2105 E 51ST AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	SECURITY CAPITOL
Owner Type:	Private
Operator Name:	STEFFENSEN, RICK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 16:45:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK S

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1402
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITO S
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-05 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-16 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	315299
NAICS Description:	ALL OTHER CUT AND SEW APPAREL MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005354213

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793951
Registry ID:	110005354213
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005354213
Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Address:	2307 E D ST
City,State,Zip:	TACOMA, WA 98421

O65 West 1/8-1/4 0.223 mi. 1176 ft. **ATLAS TRUCKING INC SPILL** **WA ALLSITES** **1005445338**
PUYALLUP AVE & D ST **RCRA NonGen / NLR** **WAH000016071**
TACOMA, WA 98421

Site 6 of 6 in cluster O

Relative: Higher

Actual: 34 ft.

ALLSITES:

Name:	ATLAS TRUCKING INC SPILL
Facility Id:	32438185

RCRA Listings:

Date Form Received by Agency:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Handler Address:	PUYALLUP AVE & D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000016071
Contact Name:	ATLAS TRUCKING ATLAS TRUCKING
Contact Address:	P O BOX 214
Contact City,State,Zip:	PORT ANGELES, WA 98362
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	P O BOX 214
Mailing City,State,Zip:	PORT ANGELES, WA 98362
Owner Name:	TACOMA CITY T
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:18:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY T
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-10-15 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-16 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-09-14 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-15 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

Q66 **BNRR TACOMA YARD PARCEL 8950001730** **WA HSL** **S103822635**
NW **21ST ST & S D ST** **WA CSCSL** **N/A**
1/8-1/4 **TACOMA, WA 98402** **WA ALLSITES**
0.231 mi.
1219 ft. **Site 1 of 3 in cluster Q**

Relative:
Lower

Actual:
15 ft.

HSL:

Name:	BNRR TACOMA YARD PARCEL 8950001730
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1267
Rank:	3
Region:	SW
EDR Link ID:	1267
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 8950001730
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1267
Region:	Southwest
Lat/Long:	47.24228 / -122.42978
Clean Up Siteid:	3554
Site Status:	Cleanup Started
Contaminant Name:	Base/Neutral/Acid Organics

BNRR TACOMA YARD PARCEL 8950001730 (Continued) **S103822635**

Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001730
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1267
Region: Southwest
Lat/Long: 47.24228 / -122.42978
Clean Up Siteid: 3554
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001730
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1267
Region: Southwest
Lat/Long: 47.24228 / -122.42978
Clean Up Siteid: 3554
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

BNRR TACOMA YARD PARCEL 8950001730 (Continued) **S103822635**

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 8950001730
Facility Id: 1267

Q67
NW
1/8-1/4
0.231 mi.
1219 ft.

BNRR TACOMA YARD PARCEL 4715023590
21ST ST & S D ST
TACOMA, WA 98402

WA HSL **S103822634**
WA CSCSL **N/A**
WA ALLSITES

Site 2 of 3 in cluster Q

Relative:
Lower

Actual:
15 ft.

HSL:
Name: BNRR TACOMA YARD PARCEL 4715023590
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 3466912
Rank: 3
Region: SW
EDR Link ID: 3466912
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: BNRR TACOMA YARD PARCEL 4715023590
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 3466912
Region: Southwest
Lat/Long: 47.24338 / -122.429446
Clean Up Siteid: 458
Site Status: Awaiting Cleanup
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 4715023590
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 3466912
Region: Southwest
Lat/Long: 47.24338 / -122.429446
Clean Up Siteid: 458
Site Status: Awaiting Cleanup

BNRR TACOMA YARD PARCEL 4715023590 (Continued) **S103822634**

Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 4715023590
Facility Id: 3466912

Q68 **BNRR TACOMA YARD PARCEL 2071260010** **WA CSCSL** **S103398251**
NW **21ST ST & S D ST** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98402**
0.231 mi.
1219 ft. **Site 3 of 3 in cluster Q**

Relative:
Lower

Actual:
15 ft.

CSCSL:
Name: BNRR TACOMA YARD PARCEL 2073230010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 94957214
Region: Southwest
Lat/Long: 47.243385 / -122.429452
Clean Up Siteid: 4081
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2073230010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 94957214
Region: Southwest
Lat/Long: 47.243385 / -122.429452
Clean Up Siteid: 4081
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2073230010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 94957214
Region: Southwest
Lat/Long: 47.243385 / -122.429452
Clean Up Siteid: 4081
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81267111
Region:	Southwest
Lat/Long:	47.243388 / -122.429449
Clean Up Siteid:	4323
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2071260010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81267111
Region:	Southwest
Lat/Long:	47.243388 / -122.429449
Clean Up Siteid:	4323
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2071260010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81267111
Region:	Southwest
Lat/Long:	47.243388 / -122.429449
Clean Up Siteid:	4323
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 2071260010
Facility Id: 81267111

Name: BNRR TACOMA YARD PARCEL 2073230010
Facility Id: 94957214

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69 North 1/8-1/4 0.237 mi. 1249 ft. | **LRI LONG HAUL INTERMODAL** | **WA ALLSITES** | **S117450462**
1941 E D ST | **WA NPDES** | **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 16 ft.

ALLSITES:
Name: LRI LONG HAUL INTERMODAL
Facility Id: 5172

NPDES:
Name: LRI LONG HAUL INTERMODAL
Address: 1941 E D ST
City,State,Zip: TACOMA, WA 98421
Facility Status: Not reported
Facility Type: Industrial SW GP
Admin Region: Headqarters
Date Issued: 11/20/2019
Latitude: Not reported
Longitude: Not reported
Permit ID: WAR302663
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2024
Effective Date: 01/01/2020
Days to Expiration: -1632

P70 SW 1/8-1/4 0.237 mi. 1252 ft. | **MYSTIC MOCHA** | **WA ALLSITES** | **S109824783**
402 E 26TH ST | **N/A**
TACOMA, WA 98421

Site 2 of 3 in cluster P

Relative: Higher
Actual: 79 ft.

ALLSITES:
Name: MYSTIC MOCHA
Facility Id: 19140

R71 West 1/8-1/4 0.240 mi. 1267 ft. | **CASCADE FRICTION MATERIALS** | **WA ALLSITES** | **S109824356** | **N/A**

314 PUYALLUP AVE
TACOMA, WA 98421

Site 1 of 3 in cluster R

Relative: Higher
Actual: 39 ft.

ALLSITES:

Name:	CASCADE FRICTION MATERIALS
Facility Id:	7003

S72 East 1/8-1/4 0.240 mi. 1268 ft. | **ECOTEX COMPANY** | **RCRA NonGen / NLR** | **1025505708** | **WAH000056815**

1115 E 25TH ST
TACOMA, WA 98421

Site 1 of 2 in cluster S

Relative: Lower
Actual: 21 ft.

RCRA Listings:

Date Form Received by Agency:	2019-05-10 00:00:00.0
Handler Name:	ECOTEX COMPANY
Handler Address:	1115 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000056815
Contact Name:	ANDREA UNGER
Contact Address:	300 DESMOND WAY SE
Contact City,State,Zip:	LACEY, WA 98503
Contact Telephone:	360-407-6334
Contact Fax:	Not reported
Contact Email:	ANDREA.UNGER@ECY.WA.GOV
Contact Title:	ECY
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1115 E 25TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	ECOTEX COMPANY
Owner Type:	Private
Operator Name:	ANDREA UNGER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

ECOTEX COMPANY (Continued) **1025505708**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-10 11:51:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECOTEX COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1115 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	360-407-6334
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ECOTEX COMPANY
Legal Status:	Private

ECOTEX COMPANY (Continued) **1025505708**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1115 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	360-407-6334
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANDREA UNGER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 DESMOND WAY SE
Owner/Operator City,State,Zip:	LACEY, WA 98503
Owner/Operator Telephone:	360-407-6334
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-05-10 00:00:00.0
Handler Name:	ECOTEX COMPANY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	812332
NAICS Description:	INDUSTRIAL LAUNDERERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

S73 **ECOTEX COMPANY** **WA ALLSITES** **S107487446**
East **1115 E 25TH ST** **WA SPILLS** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.240 mi.
1268 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
21 ft.

ALLSITES:

Name:	ECOTEX COMPANY
Facility Id:	32841

SPILLS:

Name:	ECOTEX COMPANY
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	105291
Medium:	Building/structure
Material Desc:	Chemical
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/09/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24118
Longitude:	-122.41759
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Chemical Mixture at Healthcare Laundry, Tacoma
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	ECOTEX COMPANY
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	105291
Medium:	Building/structure
Material Desc:	Chemical
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/09/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24118
Longitude:	-122.41759
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

ECOTEX COMPANY (Continued) **S107487446**

Name:	HEALTHCARE LAUNDRY SERVICES
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	543900
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	10/05/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

R74 **JOHNNYS FINE FOOD** **WA ALLSITES** **S110036432**
WSW **319 E 25TH ST** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.245 mi.
1291 ft. **Site 2 of 3 in cluster R**

Relative:
Higher

Actual:
48 ft.

ALLSITES:

Name:	JOHNNYS FINE FOOD
Facility Id:	10734

P75 **MELODY MEATS** **WA ALLSITES** **S109824565**
WSW **323 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.253 mi.
1335 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	GARY W JOHNSON
Facility Id:	14281979
Name:	MELODY MEATS
Facility Id:	24527

T76 ENE 1/4-1/2 0.267 mi. 1408 ft. | **WP FULLER PROPERTY 1109 PUYALLUP AVE TACOMA, WA 98421** | **WA ALLSITES WA CSCSL NFA** | **S112339114 N/A**

Site 1 of 3 in cluster T

Relative: Lower
Actual: 21 ft.

ALLSITES:

Name:	WP FULLER PROPERTY FORMER
Facility Id:	16761

CSCSL NFA:

Name:	WP FULLER PROPERTY
Address:	1109 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	16761
CS Id:	12038
NFA Date:	09/05/2013
Alternate Site Names:	WP FULLER PROPERTY FORMER
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242005206
Longitude:	-122.41866151

T77 ENE 1/4-1/2 0.267 mi. 1408 ft. | **WP FULLER PROPERTY 1109 PUYALLUP AVE TACOMA, WA 98421** | **WA VCP** | **S124432814 N/A**

Site 2 of 3 in cluster T

Relative: Lower
Actual: 21 ft.

VCP:

Name:	WP FULLER PROPERTY
Address:	1109 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	16761
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2013-09-05
Rank:	Not reported
Cleanup Siteid:	12038
Contaminant Name:	Petroleum-Gasoline
Soil:	Remediated-Below

R78 West 1/4-1/2 0.267 mi. 1408 ft. | **TACOMA BIKE**
309 PUYALLUP AVE
TACOMA, WA 98421 | **WA ALLSITES** | **S109824525**
N/A

Site 3 of 3 in cluster R

Relative: Higher
Actual: 30 ft.

ALLSITES:

Name:	TACOMA BIKE
Facility Id:	21699

U79 WNW 1/4-1/2 0.267 mi. 1409 ft. | **BRLF-06: AMERICAN PLATING**
2130 EAST D STREET
TACOMA, WA 98421 | **US BROWNFIELDS FINDS** | **1023619239**
N/A

Site 1 of 5 in cluster U

Relative: Lower
Actual: 16 ft.

US BROWNFIELDS:

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Tacoma, City of
Grant Type:	Assessment
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	86601
Start Date:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	527000
Cleanup Funding Source:	TIF Bond
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	Local Funding
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	200000
Cleanup Funding Source:	Washington Department of Commerce
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	Brownfields RLF Program Income Subgranted
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site.

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

	The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55
Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	300000
Cleanup Funding Source:	Ecology Remedial Action Grant
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

FINDS:

Registry ID: 110070068588

Click Here:

Environmental Interest/Information System:

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

U80 **BERG SCAFFOLDING CO** **WA UST** **U004051479**
WNW **2130 E D ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA NPDES**
0.267 mi.
1409 ft. **Site 2 of 5 in cluster U**

Relative:
Lower

Actual:
16 ft.

UST:

Name:	BERG SCAFFOLDING CO
Address:	2130 E D ST
City:	TACOMA
Zip:	98421
Facility ID:	8525915
Site Id:	619221
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.243009
Decimal Longitude:	-122.430162
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/17/2006
Tank Install Date:	Not reported
Tank Closure Date:	09/11/2006
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BERG SCAFFOLDING CO
Facility Id:	8525915

NPDES:

Name:	BERG SCAFFOLDING
Address:	2130 EAST D ST -
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active

BERG SCAFFOLDING CO (Continued) **U004051479**

Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24300900
Longitude:	-122.430162
Permit ID:	WAR011734
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

V81
WSW
1/4-1/2
0.267 mi.
1410 ft.

SME SOLUTIONS **WA ALLSITES** **S109824258**
313 E 26TH ST **N/A**
TACOMA, WA 98421

Site 1 of 5 in cluster V

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	SME SOLUTIONS
Facility Id:	3722

U82
WNW
1/4-1/2
0.267 mi.
1411 ft.

AMERICAN PLATING CO INC **SEMS-ARCHIVE** **1015737257**
2110 EAST D ST **WAD083350231**
TACOMA, WA 98421

Site 3 of 5 in cluster U

Relative:
Lower

Actual:
16 ft.

SEMS Archive:

Site ID:	1000796
EPA ID:	WAD083350231
Name:	AMERICAN PLATING CO INC
Address:	2110 EAST D ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98421
Cong District:	06
FIPS Code:	53053
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2001-11-19 05:00:00

AMERICAN PLATING CO INC (Continued) **1015737257**

Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-03-11 05:00:00
Finish Date:	1981-03-11 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1986-03-13 05:00:00
Finish Date:	1986-03-13 05:00:00
Qual:	D
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-12-20 06:00:00
Finish Date:	1985-03-05 06:00:00
Qual:	H
Current Action Lead:	St Perf

U83	**AMERICAN PLATING**	**CORRACTS**	**1000360944**
WNW	**2110 E D ST**	**WA INST CONTROL**	**WAD083350231**
1/4-1/2	**TACOMA, WA 98421**	**WA BROWNFIELDS**	
0.267 mi.		**WA ALLSITES**	
1411 ft.	**Site 4 of 5 in cluster U**	**WA CSCSL NFA**	
Relative: Lower		**RCRA NonGen / NLR**	
		RAATS	
Actual: 16 ft.		**ICIS**	
		FINDS	
		ECHO	
		WA MANIFEST	

CORRACTS:

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA010
Actual Date:	1994-06-01 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA050RF
Actual Date:	1994-07-21 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA075ME
Actual Date:	1991-09-04 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA210OT
Actual Date:	1995-09-30 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST

AMERICAN PLATING (Continued) **1000360944**

Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA225IN
Actual Date:	1991-12-18 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA210OT
Actual Date:	1997-07-01 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA725IN
Actual Date:	1997-09-11 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA750IN
Actual Date:	1997-09-11 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA075HI
Actual Date:	1992-05-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY

AMERICAN PLATING (Continued) **1000360944**

Corrective Action:	CA225YE
Actual Date:	1994-07-21 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Click this hyperlink while viewing on your computer to access additional CORRACTS: detail in the EDR Site Report.

INST CONTROL:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1202
Latitude:	47.24325117
Longitude:	-122.43075582
Instrument Type:	Environmental Covenant
NFA Date:	06/30/2015
County Filing # For Individual IC Doc:	N/A
Filing Date Of Individual IC Doc:	11/04/2003
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001761
Control Active:	True
CS ID:	2539
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1202
Latitude:	47.24325117
Longitude:	-122.43075582
Instrument Type:	Environmental Covenant
NFA Date:	06/30/2015

AMERICAN PLATING (Continued) **1000360944**

County Filing # For Individual IC Doc:	2.0141028036e+011
Filing Date Of Individual IC Doc:	10/28/2014
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001761
Control Active:	True
CS ID:	2539
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

BROWNFIELDS:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facilty ID:	1202
Rank:	2
Cleanup Site Id:	2539
Facility Status:	NFA
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	1.75
Contaminant Type:	Halogenated Organics
Public Funding Amt:	$80,000.00
Habitat Restoration:	False
Latitude:	47.243251170107
Longitude:	-122.430755820429
Ground Water:	Remediated-Below
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facilty ID:	1202

AMERICAN PLATING (Continued) **1000360944**

Rank:	2
Cleanup Site Id:	2539
Facility Status:	NFA
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	1.75
Contaminant Type:	Metals Priority Pollutants
Public Funding Amt:	$80,000.00
Habitat Restoration:	False
Latitude:	47.243251170107
Longitude:	-122.430755820429
Ground Water:	Remediated-Above
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported

ALLSITES:

Name:	AMERICAN PLATING
Facility Id:	1202

CSCSL NFA:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1202
CS Id:	2539
NFA Date:	06/30/2015
Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Halogenated Organics
Ground Water:	Remediated-Below
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Latitude:	47.24325117
Longitude:	-122.43075582

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1202
CS Id:	2539
NFA Date:	06/30/2015
Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Above
Surface Water:	Below Cleanup Levels

AMERICAN PLATING (Continued) **1000360944**

Soil:	Remediated-Above
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Latitude:	47.24325117
Longitude:	-122.43075582

RCRA Listings:

Date Form Received by Agency:	2014-01-08 00:00:00.0
Handler Name:	AMERICAN PLATING
Handler Address:	2110 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD083350231
Contact Name:	MARV COLEMAN
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-407-6259
Contact Fax:	Not reported
Contact Email:	MCOL461@ECY.WA.GOV
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Owner Type:	Private
Operator Name:	COLEMAN, MARV
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal

AMERICAN PLATING (Continued) **1000360944**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:38:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-16 00:00:00.0
Handler Name:	AMERICAN PLATING

AMERICAN PLATING (Continued) **1000360944**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-11-15 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-06-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-21 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

AMERICAN PLATING (Continued) **1000360944**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-06-27 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-06-03 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-19 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Receive Date:	2004-01-20 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AMERICAN PLATING (Continued) **1000360944**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-11-15 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-16 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-26 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AMERICAN PLATING (Continued) **1000360944**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-07 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-13 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-05-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-03-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Enforcement Identifier:	007

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-13 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-04-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-03-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Enforcement Identifier:	007

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007

AMERICAN PLATING (Continued) **1000360944**

Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Evaluation Action Summary:

Evaluation Date:	1994-06-30 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAWDA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-01-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1984-05-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1984-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Former Citation:	Not reported
Evaluation Date:	1989-02-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0MLB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-03-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No

AMERICAN PLATING (Continued) **1000360944**

Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-02-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R0MLB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1985-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-01-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAWDA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RAATS:

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	13,500.00
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782

AMERICAN PLATING (Continued) **1000360944**

Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 3010
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 40 CFR PART 270
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	4 40 CFR PART 265 (SUBPART G)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987

AMERICAN PLATING (Continued) **1000360944**

Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 5 40 CFR PART 265 (SUBPART F)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 6 40 CFR PART 265 (SUBPART H)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 7 265.73
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008

AMERICAN PLATING (Continued) **1000360944**

Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	8 265.15
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	9 265.14
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	13,500.00
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1

AMERICAN PLATING (Continued) **1000360944**

Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 3010
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 40 CFR PART 270
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	4 40 CFR PART 265 (SUBPART G)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00

AMERICAN PLATING (Continued) **1000360944**

Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 5 40 CFR PART 265 (SUBPART F)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 6 40 CFR PART 265 (SUBPART H)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 7 265.73
Total No Cited: Not reported
Reg Type: CFR

AMERICAN PLATING (Continued) **1000360944**

Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 8 265.15
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 9 265.14
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

ICIS:
Enforcement Action ID: 10-1998-0104
FRS ID: 110000620524
Action Name: AMERICAN PLATING COMPANY AKA LEWIS R. JONES
Facility Name: AMERICAN PLATING
Facility Address: 2110 E D ST
TACOMA, WA 984211403
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
Facility County: PIERCE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 3008A

AMERICAN PLATING (Continued) **1000360944**

Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.243236
Longitude in Decimal Degrees: -122.430065
Permit Type Desc: Not reported
Program System Acronym: 11509
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: AMERICAN PLATING
Address: 2110 E D ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: AMERICAN PLATING
Address: 2110 E D ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: AMERICAN PLATING
Address: 2110 E D ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: AMERICAN PLATING
Address: 2110 E D ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110000620524

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the

AMERICAN PLATING (Continued) **1000360944**

discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

~~Click this hyperlink~~ while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000360944
Registry ID:	110000620524
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000620524
Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421-1403
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

AMERICAN PLATING (Continued) **1000360944**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING

AMERICAN PLATING (Continued) **1000360944**

Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504

AMERICAN PLATING (Continued) **1000360944**

Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204

AMERICAN PLATING (Continued) **1000360944**

Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

AMERICAN PLATING (Continued) **1000360944**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

AMERICAN PLATING (Continued) **1000360944**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Generated waste in 2008 but will ship in 2009.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY

AMERICAN PLATING (Continued) **1000360944**

Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Site clean up through TCP

AMERICAN PLATING (Continued) **1000360944**

Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F

AMERICAN PLATING (Continued) **1000360944**

Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

T84
East
1/4-1/2
0.268 mi.
1414 ft.

DAIRY QUEEN **WA ALLSITES** **S109824631**
1112 PUYALLUP AVE **N/A**
TACOMA, WA 98421

Site 3 of 3 in cluster T

Relative:
Higher

Actual:
23 ft.

ALLSITES:

Name:	DAIRY QUEEN
Facility Id:	14648

V85
WSW
1/4-1/2
0.268 mi.
1417 ft.

SME CORP **WA ALLSITES** **1000659001**
311 E 26TH ST **RCRA NonGen / NLR** **WAD988486635**
TACOMA, WA 98421 **FINDS**
ECHO
Site 2 of 5 in cluster V **WA MANIFEST**

Relative:
Higher

Actual:
68 ft.

ALLSITES:

Name:	SME CORP
Facility Id:	82577212

RCRA Listings:

Date Form Received by Agency:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Handler Address:	311 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988486635
Contact Name:	MARK VIGIL
Contact Address:	2302 A ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-572-3822
Contact Fax:	Not reported
Contact Email:	MARKV@SME-SOLUTIONS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2302 A ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	SME CORP

SME CORP (Continued) **1000659001**

Owner Type:	Private
Operator Name:	HODGES, JOSH
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-04 15:30:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

SME CORP (Continued) **1000659001**

Sub-Part P Indicator: Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH H
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DONALD K RUTH
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST

SME CORP (Continued) **1000659001**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH HODGES
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private

SME CORP (Continued) **1000659001**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAMES LITTLE
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP S
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST

SME CORP (Continued) **1000659001**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH, DON K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private

SME CORP (Continued) **1000659001**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH HODGES
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST

SME CORP (Continued) **1000659001**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private

SME CORP (Continued) **1000659001**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH, DON K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SME CORP (Continued) **1000659001**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SME CORP (Continued) **1000659001**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-05-29 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-12-29 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-01-25 00:00:00.0
Handler Name:	SME CORP

SME CORP (Continued) **1000659001**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-20 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-04 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-04 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-18 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SME CORP (Continued) **1000659001**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-15 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SME CORP (Continued) **1000659001**

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-04-15 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SME CORP.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

SME CORP (Continued) **1000659001**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-02-25 00:00:00.0
Handler Name:	SME CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23599
NAICS Description:	ALL OTHER SPECIAL TRADE CONTRACTORS

NAICS Code:	23829
NAICS Description:	OTHER BUILDING EQUIPMENT CONTRACTORS

NAICS Code:	238290
NAICS Description:	OTHER BUILDING EQUIPMENT CONTRACTORS

NAICS Code:	56172
NAICS Description:	JANITORIAL SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-12-01 00:00:00.0

SME CORP (Continued) **1000659001**

Enforcement Identifier:	01
Date of Enforcement Action:	1995-12-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1996-01-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1996-01-01 00:00:00.0
Enforcement Identifier:	01
Date of Enforcement Action:	1995-12-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

SME CORP (Continued) **1000659001**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Scheduled Compliance Date:	1995-12-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1996-01-01 00:00:00.0
Scheduled Compliance Date:	1996-01-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005361063

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SME CORP (Continued) **1000659001**

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000659001
Registry ID:	110005361063
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005361063
Name:	SME CORP
Address:	311 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	SME CORP
Address:	311 E 26TH ST
City,State,Zip:	TACOMA, WA 98421-1308
Facility Address 2:	Not reported
Facility ID:	82577212
EPA ID:	WAD988486635
NAICS:	238290
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600025932
Business Type:	Service Station Maintenan
Mail Name:	SME Corp
Mailing Address:	2302 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-2912
Legal Organization Name:	SME Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2302 A ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-2912
Legal Phone Number:	(253)572-3822
Legal Effective Date:	04/16/1997
Land Organization Name:	Not reported
Land Organization Type:	Private

SME CORP (Continued) **1000659001**

Land Contact:	Donald K Ruth
Land Address:	2302 A ST
Land City,State,Zip:	TACOMA, WA 98402-2912
Land Phone Number:	(253)572-3822
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Josh Hodges
Operator Address:	2302 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-2912
Operator Phone Number:	(253)572-3822
Operator Effective Date:	04/16/1997
Site Contact:	Josh Hodges
Site Contact Address:	2302 A ST
Contact City,State,Zip:	TACOMA, WA 98402-2912
Site Contact Phone Number:	253572-3822
Site Contact Email:	joshh@smecorp.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	True
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

U86 **PICKERING INDUSTRIES INC** **WA UST** **1000269492**
WNW **2102 E D ST** **WA ICR** **WAD044596476**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.269 mi. **RCRA NonGen / NLR**
1418 ft. **Site 5 of 5 in cluster U** **FINDS**
ECHO

Relative:
Lower

Actual:
16 ft.

UST:

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421
Facility ID:	75455429
Site Id:	8944
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24229
Decimal Longitude:	-122.42988

Tank Name:	DIESEL(1)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996

PICKERING INDUSTRIES INC (Continued) **1000269492**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	REGULAR(2)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST

PICKERING INDUSTRIES INC (Continued) **1000269492**

City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD(3)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/23/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-43
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	PICKERING INDUSTRIES INC
Facility Id:	75455429

RCRA Listings:

Date Form Received by Agency:	1985-05-02 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Handler Address:	2102 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD044596476
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PICKERING INDUSTRIES INC
Owner Type:	Private
Operator Name:	PICKERING INDUSTRIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

PICKERING INDUSTRIES INC (Continued) **1000269492**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1503
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC

PICKERING INDUSTRIES INC (Continued) **1000269492**

Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1403
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Historic Generators:

Receive Date:	1985-05-01 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1985-05-02 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1985-05-01 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	321211
NAICS Description:	HARDWOOD VENEER AND PLYWOOD MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID:	110005320394

PICKERING INDUSTRIES INC (Continued) **1000269492**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000269492
Registry ID:	110005320394
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005320394
Name:	PICKERING INDUSTRIES INC
Address:	2102 E D ST
City,State,Zip:	TACOMA, WA 98421

87
NW
1/4-1/2
0.274 mi.
1449 ft.

BNRR TACOMA YARD PARCEL 8950001720 **WA HSL** **S108893366**
21ST & S D ST **WA CSCSL** **N/A**
TACOMA, WA 98402 **WA ALLSITES**

Relative:
Lower

Actual:
16 ft.

HSL:

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	91663719
Rank:	5
Region:	SW
EDR Link ID:	91663719
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	21ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	91663719
Region:	Southwest
Lat/Long:	47.243405360747 / -122.4294477207
Clean Up Siteid:	579

BNRR TACOMA YARD PARCEL 8950001720 (Continued) **S108893366**

Site Status: Cleanup Started
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001720
Address: 21ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 91663719
Region: Southwest
Lat/Long: 47.243405360747 / -122.4294477207
Clean Up Siteid: 579
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001720
Address: 21ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 91663719
Region: Southwest
Lat/Long: 47.243405360747 / -122.4294477207
Clean Up Siteid: 579
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

BNRR TACOMA YARD PARCEL 8950001720 (Continued) **S108893366**

Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 8950001720
Facility Id: 91663719

W88 West 1/4-1/2 0.281 mi. 1483 ft. **GONZALES MOTORS**
301 PUYALLUP AVE
TACOMA, WA 98421
Site 1 of 4 in cluster W

WA LUST **U003354350**
WA UST **N/A**
WA ICR
WA ALLSITES
WA CSCSL NFA

Relative: Higher
Actual: 28 ft.

LUST:
Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 91599266
Lust Status Type: LUST - NFA
Cleanup Site ID: 11037
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: Not reported
Response Section: Southwest
Release Date: 10/02/1996
Lust Date: 08/29/2012
Region: Southwest
Lust ID: 4374
UST ID: 400398
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24064 / -122.43074

Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 91599266
Lust Status Type: LUST - NFA
Cleanup Site ID: 11037
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: Not reported
Response Section: Southwest
Release Date: 10/02/1996
Lust Date: 08/29/2012
Region: Southwest
Lust ID: 4374
UST ID: 400398
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported

GONZALES MOTORS (Continued) **U003354350**

Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

UST:

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

GONZALES MOTORS (Continued) **U003354350**

Facility ID:	91599266
Site Id:	400398
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24064
Decimal Longitude:	-122.43074

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

GONZALES MOTORS (Continued) **U003354350**

Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	03/17/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-49
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	12/04/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank

GONZALES MOTORS (Continued) **U003354350**

Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-42
County Code: 27
Contact: Not reported
Report Title: Not reported

ALLSITES:
Name: ART THE STUDIO
Facility Id: 2285826

Name: GONZALES MOTORS
Facility Id: 91599266

CSCSL NFA:
Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24064
Longitude: -122.43074

Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24064
Longitude: -122.43074

Name: GONZALES MOTORS

GONZALES MOTORS (Continued) **U003354350**

Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	91599266
CS Id:	11037
NFA Date:	08/29/2012
Alternate Site Names:	Not reported
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24064
Longitude:	-122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	91599266
CS Id:	11037
NFA Date:	08/29/2012
Alternate Site Names:	Not reported
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24064
Longitude:	-122.43074

89
NNW
1/4-1/2
0.282 mi.
1489 ft.

BNSF RAILWAY COMPANY TACOMA
610 E 21ST ST
TACOMA, WA 98421

WA ALLSITES **S106561851**
WA SPILLS **N/A**
WA MANIFEST
WA NPDES

Relative:
Lower

Actual:
12 ft.

ALLSITES:

Name:	BNSF RAILWAY COMPANY TACOMA
Facility Id:	37294136

Name:	BNSF TACOMA YARD
Facility Id:	19116

SPILLS:

Name:	BNSF RAILROAD
Address:	610 E 21ST
City,State,Zip:	TACOMA, WA
Facility ID:	542185

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	30
Material Units:	GALLON
Date Received:	07/04/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	NELSON PETROLEUM
Address:	610 E 21ST
City,State,Zip:	TACOMA, WA
Facility ID:	563663
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	40
Material Units:	GALLON
Date Received:	07/05/2007
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035
Form Comm:	Regulated waste generated and shipped in 2018.
Data Year:	2017
Permit by Rule:	False

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600015676
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	605 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2650 Lou Menk Drive
Legal Address 2:	Not reported
Legal City,State,Zip:	Ft. Worth, TX 76131
Legal Phone Number:	(253)591-3072
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(253)591-3072
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)591-3072
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600161813
Business Type:	Rail Transportation
Mail Name:	BNSF Railway Company
Mailing Address:	2454 Occidental Ave S
Mailing City,State,Zip:	SEATTLE, WA 98134-1451
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2454 Occidental Ave S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98134-1451
Legal Phone Number:	206 625 6034
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(206) 625-6034
Operator Organization Name:	BNSF Railway Company

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Operator Organization Type:	Private
Operator:	Jennifer L Wiener
Operator Address:	2454 OCCIDENTAL AVE S STE 1A
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98134-1451
Operator Phone Number:	(206) 625-6034
Operator Effective Date:	Not reported
Site Contact:	Jennifer Wiener
Site Contact Address:	2454 Occidental Ave S Ste 1A
Contact City,State,Zip:	SEATTLE, WA 98134
Site Contact Phone Number:	(206)625-6034
Site Contact Email:	jennifer.wiener@bnsf.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

LN Address 2:	Not reported
Tax Reg #:	600161813
Business Type:	Rail Transportation
Mail Name:	BNSF Railway Company
Mailing Address:	2454 Occidental Ave S
Mailing City,State,Zip:	SEATTLE, WA 98134-1451
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2454 Occidental Ave S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98134-1451
Legal Phone Number:	206 625 6034
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(206) 625-6034
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Jennifer L Wiener
Operator Address:	2454 OCCIDENTAL AVE S STE 1A
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98134-1451
Operator Phone Number:	(206) 625-6034
Operator Effective Date:	Not reported
Site Contact:	Jennifer Wiener
Site Contact Address:	2454 Occidental Ave S Ste 1A
Contact City,State,Zip:	SEATTLE, WA 98134
Site Contact Phone Number:	(206)625-6034
Site Contact Email:	jennifer.wiener@bnsf.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NPDES:

Name:	BNSF TACOMA YARD
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.244138
Longitude:	-122.428646
Permit ID:	WAR126179
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

V90 **EDGE TECHNOLOGIES** **WA ALLSITES** **S109823890**
SW **314 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.284 mi.
1502 ft. **Site 3 of 5 in cluster V**

Relative:
Higher
Actual:
72 ft.

ALLSITES:

Name:	EDGE TECHNOLOGIES
Facility Id:	21372

V91 **TOD DRESSEL PRIVATE HOME** **WA ALLSITES** **S111769901**
SW **306 308 314 E 26TH STREET** **WA CSCSL NFA** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA MANIFEST**
0.284 mi.
1502 ft. **Site 4 of 5 in cluster V**

Relative:
Higher
Actual:
72 ft.

ALLSITES:

Name:	DRESSEL PROPERTY
Facility Id:	22853

CSCSL NFA:

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

Name:	DRESSEL PROPERTY

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Mercury
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

WA MANIFEST:

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

V92 **DRESSEL PROPERTY** **WA VCP** **S124433282**
SW **306 308 314 E 26TH STREET** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.284 mi.
1502 ft. **Site 5 of 5 in cluster V**

Relative:
Higher

Actual:
72 ft.

VCP:

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Arsenic
Soil:	Not reported

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Lead
Soil:	Remediated-Below

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421

DRESSEL PROPERTY (Continued) **S124433282**

edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Mercury
Soil:	Not reported

93
East
1/4-1/2
0.285 mi.
1507 ft.

REP ELELCTRIC INC
1121 E 26TH ST
TACOMA, WA 98421

WA ALLSITES **S109824018**
N/A

Relative:
Higher

Actual:
55 ft.

ALLSITES:

Name:	REP ELELCTRIC INC
Facility Id:	4793

X94
WSW
1/4-1/2
0.296 mi.
1565 ft.

STONE PROPERTY TRANSIT SITE
E 25TH & E C ST
TACOMA, WA 98421

WA HSL **S107566016**
WA CSCSL **N/A**
WA ALLSITES

Site 1 of 4 in cluster X

Relative:
Higher

Actual:
50 ft.

HSL:

Name:	STONE PROPERTY TRANSIT SITE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	3782573
Rank:	3
Region:	SW
EDR Link ID:	3782573
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	STONE PROPERTY TRANSIT SITE
Facility Id:	3782573

X95 **STONE PROPERTY TRANSIT SITE** **WA VCP** **S124434153**
WSW **E 25TH & E C ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.296 mi.
1565 ft. **Site 2 of 4 in cluster X**

Relative:
Higher

Actual:
50 ft.

VCP:

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421

STONE PROPERTY TRANSIT SITE (Continued) **S124434153**

edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Arsenic
Soil: Confirmed Above Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Non-Halogenated Solvents
Soil: Below Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE

STONE PROPERTY TRANSIT SITE (Continued) **S124434153**

edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

W96 **STAR TOURS** **WA ALLSITES** **S109824563**
West **224 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.307 mi.
1622 ft. **Site 2 of 4 in cluster W**

Relative:
Higher

Actual:
35 ft.

ALLSITES:

Name:	STAR TOURS
Facility Id:	7722

Y97 **VALLEY PUB** **WA ALLSITES** **S109824182**
East **1206 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.309 mi.
1632 ft. **Site 1 of 5 in cluster Y**

Relative:
Higher

Actual:
23 ft.

ALLSITES:

Name:	VALLEY PUB
Facility Id:	13056

W98
West
1/4-1/2
0.315 mi.
1662 ft.

MCLEANS AUTO REPAIR
221 1/2 PUYALLUP AVE E
TACOMA, WA 98421

Site 3 of 4 in cluster W

WA ALLSITES
FINDS

1011917780
N/A

Relative:
Higher

Actual:
25 ft.

ALLSITES:
Name: MCLEANS AUTO REPAIR
Facility Id: 9218743

FINDS:
Registry ID: 110037371457

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

W99
West
1/4-1/2
0.315 mi.
1662 ft.

EVERGREEN EQUIPMENT COMPANY
221 PUYALLUP AVE
TACOMA, WA 98421

Site 4 of 4 in cluster W

WA ALLSITES

S109823939
N/A

Relative:
Higher

Actual:
25 ft.

ALLSITES:
Name: EVERGREEN EQUIPMENT COMPANY
Facility Id: 4475

X100
WSW
1/4-1/2
0.325 mi.
1718 ft.

FRONTIER TRANSPORTATION COMPANY
217 EAST 25TH ST
TACOMA, WA 98421

Site 3 of 4 in cluster X

WA UST
WA ALLSITES

U003354507
N/A

Relative:
Higher

Actual:
50 ft.

UST:
Name: FRONTIER TRANSPORTATION COMPANY
Address: 217 EAST 25TH ST
City: TACOMA
Zip: 98421
Facility ID: 27655611
Site Id: 4378
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.238971
Decimal Longitude: -122.432534

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964

FRONTIER TRANSPORTATION COMPANY (Continued) **U003354507**

Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FRONTIER TRANSPORTATION COMPANY
Address:	217 EAST 25TH ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	FRONTIER TRANSPORTATION COMPANY
Facility Id:	27655611

X101 WSW 1/4-1/2 0.325 mi. 1718 ft. | **GOLDEN LINE RECYCLING CORP**
217 E 25TH ST
TACOMA, WA 98421

Site 4 of 4 in cluster X

WA ALLSITES | **S109553102**
N/A

Relative: Higher
Actual: 50 ft.

ALLSITES:
Name: GOLDEN LINE RECYCLING CORP
Facility Id: 610068

Z102 ESE 1/4-1/2 0.328 mi. 1732 ft. | **AEROSTAR ENGINEERING INC**
2619 E L ST
TACOMA, WA 98421

Site 1 of 3 in cluster Z

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000920647
WA0000627547

Relative: Higher
Actual: 88 ft.

ALLSITES:
Name: AEROSTAR ENGINEERING INC
Facility Id: 58977511

RCRA Listings:

Date Form Received by Agency:	2004-07-17 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Handler Address:	2619 E L ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WA0000627547
Contact Name:	TINA SCHEERER
Contact Address:	609 N LEVEE RD
Contact City,State,Zip:	PUYALLUP, WA 98371
Contact Telephone:	253-286-2525
Contact Fax:	Not reported
Contact Email:	TINAS@AIRSPARES.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2619 E L ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	AEROSTAR ENGINEERING INC
Owner Type:	Private
Operator Name:	AEROSTAR ENGINEERING INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINE A
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
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Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINE A
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-17 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-13 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-01-21 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-02-24 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-01-07 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified

AEROSTAR ENGINEERING INC (Continued) **1000920647**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-12 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-07 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-28 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

AERO STAR ENGINEERING INC (Continued) **1000920647**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-11-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005306490

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000920647
Registry ID:	110005306490
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306490
Name:	AEROSTAR ENGINEERING INC
Address:	2619 E L ST
City,State,Zip:	TACOMA, WA 98421

Y103 East 1/4-1/2 0.328 mi. 1733 ft. | **ASSOCIATED PETROLEUM 1214 PUYALLUP AVE TACOMA, WA 98421** | **WA CSCSL WA ALLSITES** | **S115348459 N/A**

Site 2 of 5 in cluster Y

Relative: Higher

Actual: 23 ft.

CSCSL:

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473

ASSOCIATED PETROLEUM (Continued) **S115348459**

Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Mercury
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Metals - Other
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported

ASSOCIATED PETROLEUM (Continued) **S115348459**

Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest

ASSOCIATED PETROLEUM (Continued) **S115348459**

Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	ASSOCIATED PETROLEUM
Facility Id:	4676

AA104 **MAXI SEEDS INC** **WA ALLSITES** **1000245020**
NW **21ST & D ST** **RCRA NonGen / NLR** **WAD980833339**
1/4-1/2 **TACOMA, WA 98421**
0.330 mi.
1742 ft. **Site 1 of 3 in cluster AA**

Relative:
Lower

Actual:
16 ft.

ALLSITES:

Name:	MAXI SEEDS INC
Facility Id:	52856894

RCRA Listings:

Date Form Received by Agency:	1984-01-20 00:00:00.0

MAXI SEEDS INC (Continued) **1000245020**

Handler Name:	MAXI SEEDS INC
Handler Address:	21ST & D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD980833339
Contact Name:	MAXI SEEDS INC MAXI SEEDS INC
Contact Address:	43730 WITTE SE NO C
Contact City,State,Zip:	MAPLE VALLEY, WA 98038-0000
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	43730 WITTE SE NO C
Mailing City,State,Zip:	MAPLE VALLEY, WA 98038-0000
Owner Name:	MAXI SEEDS INC M
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No

MAXI SEEDS INC (Continued) **1000245020**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST

MAXI SEEDS INC (Continued) **1000245020**

Owner/Operator City,State,Zip:	TACOMA, WA 98438-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC M
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1984-01-20 00:00:00.0

MAXI SEEDS INC (Continued) **1000245020**

Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42491
NAICS Description:	FARM SUPPLIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

AB105 **STORAGE BOX THE** **WA ALLSITES** **S109824199**
West **216 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.330 mi.
1745 ft. **Site 1 of 2 in cluster AB**

Relative:
Higher

Actual:
32 ft.

ALLSITES:

Name:	STORAGE BOX THE
Facility Id:	21558

AB106 **CITY OF TACOMA - DOCK STREET EDUCTOR DECANT FACILI** **WA SWF/LF** **S108107829**
West **201 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.334 mi.
1763 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
25 ft.

SWF/LF:

Name:	CITY OF TACOMA - DOCK STREET EDUCTOR DECANT FACILITY
Address:	201 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1112
Region:	STATE
Permit Status:	Permitted
Contact Organization:	City of Tacoma
Contact Address1:	747 Market Street
Contact Address2:	Room 744
Contact City:	Tacoma
Contact State:	WA
Contact Postal:	98402
Contact EMail:	mlewis@ci.tacoma.wa.us
Contact Phone:	(253) 502-2169
Contact Phone Ext:	Not reported
Permit No:	27-725
Phone:	253-502-2149
Operator Name:	Not reported
Operator Organization:	City of Tacoma
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PUBLIC
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Mark Lewis
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.240921
Longitude:	-122.433114

---

107 **AT&T WIRELESS TACOMA DOME** **WA ALLSITES FINDS** **1007728272**
WSW **222 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.334 mi.
1764 ft.

Relative:
Higher

Actual:
70 ft.

ALLSITES:

Name:	AT&T WIRELESS TACOMA DOME
Facility Id:	1248033

FINDS:

Registry ID: 110018849353

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water

AT&T WIRELESS TACOMA DOME (Continued) **1007728272**

Quality Programs.

~~Click this hyperlink~~ while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Y108 **PUYALLUP AVE GAS STATION FORMER** **WA CSCSL** **S112339118**
ENE **1201-1203 PUYALLUP AVE** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.336 mi.
1773 ft. **Site 3 of 5 in cluster Y**

Relative:
Lower

Actual:
21 ft.

CSCSL:

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: PUYALLUP AVE GAS STATION FORMER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 8374
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 12039
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PUYALLUP AVE GAS STATION FORMER
Response Section: Southwest
Release Date: 06/03/2013
Lust Date: 06/03/2013
Region: Southwest
Lust ID: 6715
UST ID: 619987
Contaminant Name: Arsenic
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2421300 / -122.41713

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 8374
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 12039
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PUYALLUP AVE GAS STATION FORMER
Response Section: Southwest
Release Date: 06/03/2013
Lust Date: 06/03/2013
Region: Southwest
Lust ID: 6715
UST ID: 619987
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Levels

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

ALLSITES:

Name:	PUYALLUP AVE GAS STATION FORMER
Facility Id:	8374

Y109 **PUYALLUP AVE GAS STATION** **WA VCP** **S124436171**
ENE **1201-1203 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.336 mi.
1773 ft. **Site 4 of 5 in cluster Y**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported

PUYALLUP AVE GAS STATION (Continued) **S124436171**

VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Arsenic
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Benzene
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Lead
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported

PUYALLUP AVE GAS STATION (Continued) **S124436171**

Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Other Non-Halogenated Organics
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Petroleum-Diesel
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039

PUYALLUP AVE GAS STATION (Continued) **S124436171**

Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

Y110 **LD KITCHEN AND BATH** **WA ALLSITES** **1011971766**
ENE **1201 PUYALLUP AVE** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA MANIFEST**
0.336 mi. **WA UIC**
1773 ft. **Site 5 of 5 in cluster Y**

Relative:
Lower

Actual:
21 ft.

ALLSITES:
Name: ARCHITECTURAL WOODS INC PUYALLUP AVE
Facility Id: 6138716

Name: FORMER PUYALLUP AVENUE GAS STATION
Facility Id: 32560

Name: LD KITCHEN & BATH
Facility Id: 950

FINDS:
Registry ID: 110037905489

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110064389148

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

LD KITCHEN AND BATH (Continued) **1011971766**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

WA MANIFEST:

Name:		TAFT PROPERTIES LLC
Address:		1201 PUYALLUP AVE
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		950
EPA ID:		WAH000051124
NAICS:		447190
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D008	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602743110
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		6702 77th St W
Mailing City,State,Zip:		Lakewood, WA 98499
Legal Organization Name:		Taft Properties LLC
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		6702 77th St W
Legal Address 2:		Not reported
Legal City,State,Zip:		Lakewood, WA 98499
Legal Phone Number:		(253)227-3776
Legal Effective Date:		01/01/1983
Land Organization Name:		Taft Properties LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		6702 77th St W
Land City,State,Zip:		Lakewood, WA 98499
Land Phone Number:		(253)227-3776
Operator Organization Name:		Taft Properties LLC
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		6702 77th St W

LD KITCHEN AND BATH (Continued) **1011971766**

Operator Address 2:	Not reported
Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	(253)227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TAFT PROPERTIES LLC
Address:	1201 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	950
EPA ID:	WAH000051124
NAICS:	447190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602743110
Business Type:	former gas station

LD KITCHEN AND BATH (Continued) **1011971766**

Mail Name:	Taft Properties LLC
Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6702 77th St W
Legal Address 2:	Not reported
Legal City,State,Zip:	Lakewood, WA 98499
Legal Phone Number:	253-227-3776
Legal Effective Date:	01/01/1983
Land Organization Name:	Taft Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6702 77th St W
Land City,State,Zip:	Lakewood, WA 98499
Land Phone Number:	253-227-3776
Operator Organization Name:	Taft Properties LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6702 77th St W
Operator Address 2:	Not reported
Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	253-227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Kate Lantaff
Site Contact Address:	6702 77th St W
Contact City,State,Zip:	Lakewood, WA 98499
Site Contact Phone Number:	253-227-3776
Site Contact Email:	zak4law@hotmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TAFT PROPERTIES LLC
Address:		1201 PUYALLUP AVE
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		950
EPA ID:		WAH000051124
NAICS:		447190
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D008	

LD KITCHEN AND BATH (Continued) **1011971766**

Form Comm:	site investigation derived soil waste
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602743110
Business Type:	former gas station
Mail Name:	Taft Properties LLC
Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6702 77th St W
Legal Address 2:	Not reported
Legal City,State,Zip:	Lakewood, WA 98499
Legal Phone Number:	253-227-3776
Legal Effective Date:	01/01/1983
Land Organization Name:	Taft Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6702 77th St W
Land City,State,Zip:	Lakewood, WA 98499
Land Phone Number:	253-227-3776
Operator Organization Name:	Taft Properties LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6702 77th St W
Operator Address 2:	Not reported
Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	253-227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Kate Lantaff
Site Contact Address:	6702 77th St W
Contact City,State,Zip:	Lakewood, WA 98499
Site Contact Phone Number:	253-227-3776
Site Contact Email:	zak4law@hotmail.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False

LD KITCHEN AND BATH (Continued) **1011971766**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	site investigation derived soil waste
CORb Sequence Number:	159836
Sequence Number:	3423986
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	900
Quanity Unit:	LB
Kilograms Quanity:	408.240007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	2014507
Shipment Date:	2016-08-03 00:00:00
Mainfest Document ID:	000149208DAT
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	917232
Received EPAID:	WAD991281767
Managed Quanity:	900
Kilogram Quanity:	408.240007
Recycled Percentage:	0
Waste Management System Code:	H141

LD KITCHEN AND BATH (Continued) **1011971766**

Waste Stream Comments:

CORB Waste Sequence Number:	159836
Comments:	site investigation derived soil waste
Waste Sequence Number:	3423986
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	7963174
WCDA Code:	D008

Waste Stream Source Code:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	1
WCDD Code:	G44

UIC:

Name:	FORMER PUYALLUP AVENUE GAS STATION
Address:	1201 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98402
Site Number:	34272
Owner Name:	Taft Properties LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2424499
Longitude:	122.41615
Well Name:	PB 1-235
Registration Type:	Voluntary or Independent Cleanup Sites
Construction Date:	03/01/2019
Construction Type:	Not reported
Depth:	12

Name:	FORMER PUYALLUP AVENUE GAS STATION
Address:	1201 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98402
Site Number:	34272
Owner Name:	Taft Properties LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2421459
Longitude:	122.41665
Well Name:	IW 1-10
Registration Type:	Voluntary or Independent Cleanup Sites
Construction Date:	04/01/2019
Construction Type:	Not reported
Depth:	12

111
NNE
1/4-1/2
0.338 mi.
1787 ft.

Relative:
Lower

Actual:
15 ft.

SUPERVALU INC
490 E 19TH ST
TACOMA, WA 98421

WA UST
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

1004793913
WAD988469201

UST:

Name:	WEST COAST GROCERY COMPANY
Address:	490 E 19TH ST
City:	TACOMA
Zip:	98421
Facility ID:	34146274
Site Id:	5704
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24546
Decimal Longitude:	-122.42806
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	WEST COAST GROCERY COMPANY
Address:	490 E 19TH ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported

SUPERVALU INC (Continued) **1004793913**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SUPERVALU INC
Facility Id:	34146274

RCRA Listings:

Date Form Received by Agency:	2019-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Handler Address:	490 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988469201
Contact Name:	ERICA FRANSEN
Contact Address:	PO BOX 20, DEPT. 81014
Contact City,State,Zip:	BOISE, ID 83726
Contact Telephone:	208-395-4793
Contact Fax:	Not reported
Contact Email:	ERICA.FRANSEN@ALBERTSONS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	SUPERVALU
Owner Type:	Private
Operator Name:	SUPERVALU
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

SUPERVALU INC (Continued) **1004793913**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

SUPERVALU INC (Continued) **1004793913**

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SUPERVALU
Legal Status: Private
Date Became Current: 1996-07-23 00:00:00.
Date Ended Current: Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC

SUPERVALU INC (Continued) **1004793913**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU S
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU S
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-16 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SUPERVALU INC (Continued) **1004793913**

Receive Date:	2005-02-08 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-14 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SUPERVALU INC (Continued) **1004793913**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-27 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-22 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SUPERVALU INC (Continued) **1004793913**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-29 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-15 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-25 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-05 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-23 00:00:00.0
Handler Name:	SUPERVALU INC

SUPERVALU INC (Continued) **1004793913**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-08 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-04 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-03 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-08-02 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SUPERVALU INC (Continued) **1004793913**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-03 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-01-09 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-16 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-14 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SUPERVALU INC (Continued) **1004793913**

Receive Date:	2012-02-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-24 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-28 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-13 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-26 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SUPERVALU INC (Continued) **1004793913**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-28 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-15 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	SUPER VALU STORES INC DBA WEST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SUPERVALU INC (Continued) **1004793913**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SUPER VALU STORES INC DBA WEST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SUPERVALU/WEST COAST GROCERY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	SUPERVALU INC

SUPERVALU INC (Continued) **1004793913**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42241
NAICS Description:	GENERAL LINE GROCERY WHOLESALERS
NAICS Code:	42441
NAICS Description:	GENERAL LINE GROCERY MERCHANT WHOLESALERS
NAICS Code:	424410
NAICS Description:	GENERAL LINE GROCERY MERCHANT WHOLESALERS
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110000843507

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

SUPERVALU INC (Continued) **1004793913**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793913
Registry ID:	110000843507
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000843507
Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

SUPERVALU INC (Continued) **1004793913**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

SUPERVALU INC (Continued) **1004793913**

Name:		SUPERVALU INC
Address:		490 E 19TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		34146274
EPA ID:		WAD988469201
NAICS:		424410
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001,D002	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601521092
Business Type:		wholesale grocer
Mail Name:		Supervalu Inc
Mailing Address:		1525 E. D STREET
Mailing City,State,Zip:		TACOMA, WA 98421
Legal Organization Name:		Supervalu
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		11840 VALLEY VIEW RD
Legal Address 2:		Not reported
Legal City,State,Zip:		EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:		(612)828-4000
Legal Effective Date:		07/23/1996
Land Organization Name:		Supervalu
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		11840 VALLEY VIEW RD
Land City,State,Zip:		EDEN PRAIRIE, MN 55344-3643
Land Phone Number:		(612)828-4000
Operator Organization Name:		Supervalu
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		11840 VALLEY VIEW RD
Operator Address 2:		Not reported
Operator City,State,Zip:		EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:		(612)828-4000
Operator Effective Date:		07/23/1996
Site Contact:		Mike Blancarte
Site Contact Address:		1525 E. D Street

SUPERVALU INC (Continued) **1004793913**

Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported

SUPERVALU INC (Continued) **1004793913**

Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D035,D039,D008,F001
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

SUPERVALU INC (Continued) **1004793913**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate, Lamps - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

SUPERVALU INC (Continued) **1004793913**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D035,D039,D008,F001
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003, F500, D18, D035, D039, D008, F001
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer

SUPERVALU INC (Continued) **1004793913**

Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

SUPERVALU INC (Continued) **1004793913**

Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

SUPERVALU INC (Continued) **1004793913**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

SUPERVALU INC (Continued) **1004793913**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

SUPERVALU INC (Continued) **1004793913**

Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com

SUPERVALU INC (Continued) **1004793913**

Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AC112 **SUPERVALU INC BLDG 104** **WA ALLSITES** **1007728467**
North **480 E 19TH** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98401**
0.340 mi.
1794 ft. **Site 1 of 2 in cluster AC**

Relative:
Lower
Actual:
12 ft.

ALLSITES:
Name: SUPERVALU INC BLDG 104
Facility Id: 4597891

FINDS:
Registry ID: 110018851303

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

AD113 **PACIFIC TRANSPORTATION GROUP 19TH ST** **WA ALLSITES** **1000252079**
NNW **440 E 19TH ST** **WA CSCSL NFA** **WAD009497462**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.343 mi. **FINDS**
1813 ft. **Site 1 of 2 in cluster AD** **ECHO**

Relative:
Lower
Actual:
9 ft.

ALLSITES:
Name: SUPERVALUE INC BLDG 105
Facility Id: 1243

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

CSCSL NFA:

Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1243
CS Id:	4367
NFA Date:	01/16/1996
Alternate Site Names:	PACIFIC STORAGE,Pacific Transportation Group,PACIFIC TRANSPORTATION GROUP 19TH ST,PACIFIC TRANSPORTATION GROUP INC,SUPERVALU INC BLDG 105
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24536
Longitude:	-122.42885

Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1243
CS Id:	4367
NFA Date:	01/16/1996
Alternate Site Names:	PACIFIC STORAGE,Pacific Transportation Group,PACIFIC TRANSPORTATION GROUP 19TH ST,PACIFIC TRANSPORTATION GROUP INC,SUPERVALU INC BLDG 105
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24536
Longitude:	-122.42885

RCRA Listings:

Date Form Received by Agency:	1990-02-27 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Handler Address:	440 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD009497462
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 910
Mailing City,State,Zip:	ROY, WA 98580
Owner Name:	PACIFIC TRANSPORTATION GROUP
Owner Type:	Private
Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:02:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-02-26 00:00:00.0

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-02-27 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-02-26 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005314999

Click Here:

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000252079
Registry ID:	110005314999
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005314999
Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

AA114 **PICKS COVE MARINA** **WA VCP** **S124434339**
NW **1940 E D ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.348 mi.
1837 ft. **Site 2 of 3 in cluster AA**

Relative:
Lower

Actual:
15 ft.

VCP:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2004-10-09
Rank:	Not reported
Cleanup Siteid:	4654
Contaminant Name:	Arsenic
Soil:	Remediated-Above

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833

PICKS COVE MARINA (Continued) **S124434339**

VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2004-10-09
Rank: Not reported
Cleanup Siteid: 4654
Contaminant Name: Lead
Soil: Remediated-Above

Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 42518833
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2004-10-09
Rank: Not reported
Cleanup Siteid: 4654
Contaminant Name: Metals - Other
Soil: Remediated-Above

Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 42518833
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2004-10-09
Rank: Not reported
Cleanup Siteid: 4654
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Remediated-Above

AA115 **PICKS COVE MARINA** **WA INST CONTROL** **1001485972**
NW **1940 E D ST** **WA ALLSITES** **WA0000704114**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.348 mi. **WA SPILLS**
1837 ft. **Site 3 of 3 in cluster AA** **RCRA NonGen / NLR**
FINDS
Relative: **ECHO**
Lower

Actual: INST CONTROL:
15 ft.
Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421

PICKS COVE MARINA (Continued) **1001485972**

Facility Site ID:	42518833
Latitude:	47.24768
Longitude:	-122.43097
Instrument Type:	Environmental Covenant
NFA Date:	10/09/2004
County Filing # For Individual IC Doc:	2.0040708049e+011
Filing Date Of Individual IC Doc:	07/08/2004
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001611, 8950001623, 8950001627, 8950001740, 8950001751
Control Active:	True
CS ID:	4654
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	True

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	42518833
Latitude:	47.24768
Longitude:	-122.43097
Instrument Type:	Environmental Covenant
NFA Date:	10/09/2004
County Filing # For Individual IC Doc:	2.0040728064e+011
Filing Date Of Individual IC Doc:	07/28/2004
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001611, 8950001623, 8950001627, 8950001740, 8950001751
Control Active:	True
CS ID:	4654
Region:	Southwest

PICKS COVE MARINA (Continued) **1001485972**

Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	PICKS COVE MARINA
Facility Id:	42518833

CSCSL NFA:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

SPILLS:

Name:	Not reported
Address:	1940 E D STR
City,State,Zip:	TACOMA, WA
Facility ID:	653499
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	12/13/2014
Contact Name:	Unknown
Incident Date:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1940 E D ST.
City,State,Zip:	TACOMA, WA
Facility ID:	628180
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	07/25/2011
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

RCRA Listings:

Date Form Received by Agency:	2003-07-24 00:00:00.0
Handler Name:	PICKS COVE MARINA
Handler Address:	1940 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WA0000704114
Contact Name:	GORDON PICKERING
Contact Address:	1616 E ST PAUL AVE
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-572-9212
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

State District Owner:	WA
State District:	SWRO
Mailing Address:	1616 E ST PAUL AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PICKERING INC
Owner Type:	Private
Operator Name:	HAMSTREET, RICHARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:29.0
Recognized Trader-Importer:	No

PICKS COVE MARINA (Continued) **1001485972**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private

PICKS COVE MARINA (Continued) **1001485972**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC P
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICHARD H
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1503
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-07-24 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-11 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-30 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-20 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PICKS COVE MARINA (Continued) **1001485972**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-02 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-22 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-01 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PICKS COVE MARINA (Continued) **1001485972**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 336612
NAICS Description: BOAT BUILDING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-01-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WALGR
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

PICKS COVE MARINA (Continued) **1001485972**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005306739

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001485972
Registry ID: 110005306739
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005306739
Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421

AE116 **TACOMA CENTER MOTEL** **WA ALLSITES** **S109824594**
East **1220 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.350 mi.
1847 ft. **Site 1 of 2 in cluster AE**

Relative:
Higher
Actual:
22 ft.

ALLSITES:
Name: TACOMA CENTER MOTEL
Facility Id: 6894

AF117 **DOCK STREET STATION** **WA ALLSITES** **1007075807**
West **2301 E B ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.350 mi. **WA MANIFEST**
1847 ft. **Site 1 of 2 in cluster AF**

Relative:
Lower
Actual:
18 ft.

ALLSITES:
Name: TACOMA CITY EDUCTOR WASTE DECANT FACILIT
Facility Id: 13182788

FINDS:

DOCK STREET STATION (Continued) **1007075807**

Registry ID: 110015524565

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007075807
Registry ID:	110015524565
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015524565
Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13182788
EPA ID:	WAH000028820
NAICS:	22132
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported

DOCK STREET STATION (Continued) **1007075807**

LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Sewage Treatment
Mail Name:	CITY OF TACOMA
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Legal Organization Name:	CITY OF TACOMA
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	253-591-5535
Legal Effective Date:	Not reported
Land Organization Name:	CITY OF TACOMA
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 MARKET ST
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	253-591-5535
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	KEN G TROSS
Operator Address:	2201 PORTLAND AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	253-502-2147
Operator Effective Date:	Not reported
Site Contact:	KEN G TROSS
Site Contact Address:	2201 PORTLAND AVE
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253-502-2147
Site Contact Email:	ktross@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13182788
EPA ID:	WAH000028820

DOCK STREET STATION (Continued) **1007075807**

NAICS:	22132
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Sewage Treatment
Mail Name:	CITY OF TACOMA
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Legal Organization Name:	CITY OF TACOMA
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	253-591-5535
Legal Effective Date:	Not reported
Land Organization Name:	CITY OF TACOMA
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 MARKET ST
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	253-591-5535
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	KEN G TROSS
Operator Address:	2201 PORTLAND AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	253-502-2147
Operator Effective Date:	Not reported
Site Contact:	KEN G TROSS
Site Contact Address:	2201 PORTLAND AVE
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253-502-2147
Site Contact Email:	ktross@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F

DOCK STREET STATION (Continued) **1007075807**

One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

AD118 **SUPERVALU MEAT WAREHOUSE** **WA ALLSITES** **1007066897**
NNW **475 E 19TH ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.350 mi. **WA NPDES**
1850 ft. **Site 2 of 2 in cluster AD**

Relative:
Lower

Actual:
9 ft.

ALLSITES:

Name:	SUPERVALU INC MEAT
Facility Id:	67349491

FINDS:

Registry ID: 110015434859

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include;

SUPERVALU MEAT WAREHOUSE (Continued) **1007066897**

Incident Tracking, Compliance Assistance, and Compliance Monitoring.

~~Click this hyperlink~~ while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007066897
Registry ID:	110015434859
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015434859
Name:	SUPERVALU MEAT WAREHOUSE
Address:	475 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

NPDES:

Name:	SUPERVALU MEAT WAREHOUSE TRUCK MAIN
Address:	475 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421-1514
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.245376
Longitude:	-122.429847
Permit ID:	WAR011774
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AE119 **L STREET LAYOVER EXPANSION** **WA ALLSITES** **S110036052**
East **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.351 mi.
1855 ft. **Site 2 of 2 in cluster AE**

Relative:
Higher

Actual:
29 ft.

ALLSITES:

Name:	L STREET LAYOVER EXPANSION
Facility Id:	3077

AC120 **SUPERVALU AMMONIA RESPONSE** **SEMS** **1023674689**
North **590 E. 19TH** **FINDS** **WAN001002121**
1/4-1/2 **TACOMA, WA 98421**
0.359 mi.
1893 ft. **Site 2 of 2 in cluster AC**

Relative:
Lower

Actual:
13 ft.

SEMS:

Site ID:	1002121
EPA ID:	WAN001002121
Name:	SUPERVALU AMMONIA RESPONSE
Address:	590 E. 19TH
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98421

SUPERVALU AMMONIA RESPONSE (Continued) **1023674689**

Cong District: Not reported
FIPS Code: 53033
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 10
Site ID: 1002121
EPA ID: WAN001002121
Site Name: SUPERVALU AMMONIA RESPONSE
NPL: N
FF: N
OU: 00
Action Code: PJ
Action Name: RP EM REM
SEQ: 1
Start Date: 2017-06-07 04:00:00
Finish Date: 6/9/2017 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

FINDS:
Registry ID: 110070135268

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AG121 **TACOMA TRANSLOAD INC** **WA CSCSL** **S110688914**
North **501 E 19TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA SPILLS**
0.360 mi. **WA NPDES**
1899 ft. **Site 1 of 3 in cluster AG**

Relative:
Lower

Actual:
10 ft.

CSCSL:
Name: TACOMA TRANSLOAD INC
Address: 501 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 25392634
Region: Southwest
Lat/Long: 47.245833 / -122.428332
Clean Up Siteid: 1981
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: UNION PACIFIC RR D ST
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported

TACOMA TRANSLOAD INC (Continued) **S110688914**

Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA TRANSLOAD INC
Facility Id:	25392634

SPILLS:

Name:	UNION PACIFIC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	622834
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	0
Material Units:	GALLON
Date Received:	10/11/2010
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	622834
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	10
Material Units:	GALLON
Date Received:	10/11/2010
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported

TACOMA TRANSLOAD INC (Continued) **S110688914**

Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	TACOMA TRANSLOAD INC
Address:	501 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24583299
Longitude:	-122.428332
Permit ID:	WAR003419
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AG122 **TACOMA TRANSLOAD INC** **WA VCP** **S124433463**
North **501 E 19TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.360 mi.
1899 ft. **Site 2 of 3 in cluster AG**

Relative:
Lower

Actual:
10 ft.

VCP:

Name:	TACOMA TRANSLOAD INC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	25392634
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	1981
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

AH123	**NICHOLS TRUCKING CO INC**	**WA UST**	**1000696900**
NNW	**424 E 19TH ST**	**WA ICR**	**WAD988505335**
1/4-1/2	**TACOMA, WA 98421**	**RCRA NonGen / NLR**	
0.361 mi.		**FINDS**	
1907 ft.	**Site 1 of 2 in cluster AH**	**ECHO**	

Relative:
Lower

Actual:
9 ft.

UST:

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421
Facility ID:	11174741
Site Id:	11950
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451
Decimal Longitude:	-122.42901
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	No Piping Attached to Tank
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	06/17/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Site Register Issue:	98-49
County Code:	27
Contact:	Not reported
Report Title:	UST Removal Project
Date Ecology Received Report:	07/26/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-51
County Code:	27
Contact:	Not reported
Report Title:	Final Voluntary Cleanup Report

RCRA Listings:

Date Form Received by Agency:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Handler Address:	424 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421-1501
EPA ID:	WAD988505335
Contact Name:	JAY JOHNSON
Contact Address:	7272 CLEANWATER LANE MSLU11
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-753-3028
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7272 CLEANWATER LANE MSLU11
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	NICHOLS TRUCKIN N
Owner Type:	Private
Operator Name:	NICHOLS TRUCKIN N
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:12:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKIN N
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKIN N
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NICHOLS TRUCKING CO INC (Continued) **1000696900**

NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-02-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJNJ
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

FINDS:
Registry ID: 110005374816

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000696900
Registry ID:	110005374816
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005374816
Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

AH124 **NICHOLS TRUCKING CO INC** **WA LUST** **S110689454**
NNW **424 E 19TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.361 mi. **WA SPILLS**
1907 ft. **Site 2 of 2 in cluster AH** **WA NPDES**

Relative:
Lower

Actual:
9 ft.

LUST:

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Lust ID:	5704
UST ID:	11950
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Lat/Long: 47.2451 / -122.42901

Name: NICHOLS TRUCKING CO
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 11174741
Lust Status Type: LUST - NFA
Cleanup Site ID: 7877
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: NICHOLS TRUCKING CO INC
Response Section: Southwest
Release Date: 11/12/2001
Lust Date: 08/29/2012
Region: Southwest
Lust ID: 5704
UST ID: 11950
Contaminant Name: Other Non-Halogenated Organics
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2451 / -122.42901

Name: NICHOLS TRUCKING CO
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 11174741
Lust Status Type: LUST - NFA
Cleanup Site ID: 7877
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: NICHOLS TRUCKING CO INC
Response Section: Southwest
Release Date: 11/12/2001
Lust Date: 08/29/2012
Region: Southwest
Lust ID: 5704
UST ID: 11950
Contaminant Name: Petroleum-Diesel
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2451 / -122.42901

Name: NICHOLS TRUCKING CO
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 11174741
Lust Status Type: LUST - NFA
Cleanup Site ID: 7877
Cleanup Unit Type: Not reported

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

ALLSITES:

Name:	NICHOLS TRUCKING CO INC
Facility Id:	11174741

CSCSL NFA:

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

SPILLS:

Name:	Not reported
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	623776
Medium:	SOIL
Material Desc:	PETROLEUM - OIL OTHER
Material Qty:	1
Material Units:	GALLON
Date Received:	12/02/2010
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	NICHOLS TRUCKING CO INC

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Address:	424 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421-1501
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24510000
Longitude:	-122.429010
Permit ID:	WAR000344
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Z125 **AIRSPARES** **WA LUST** **U003604943**
ESE **2617 L ST E** **WA UST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA INST CONTROL**
0.362 mi. **WA ALLSITES**
1911 ft. **Site 2 of 3 in cluster Z** **WA CSCSL NFA**

Relative:
Higher

Actual:
95 ft.

LUST:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	36399481
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5946
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Response Section:	Southwest
Release Date:	05/04/1998
Lust Date:	04/19/2008
Region:	Southwest
Lust ID:	5738
UST ID:	502637
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239597 / -122.41597

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	36399481
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5946
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program

AIRSPARES (Continued) **U003604943**

Cleanup Unit Name:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Response Section:	Southwest
Release Date:	05/04/1998
Lust Date:	04/19/2008
Region:	Southwest
Lust ID:	5738
UST ID:	502637
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239597 / -122.41597

UST:

Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421
Facility ID:	36399481
Site Id:	502637
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239597
Decimal Longitude:	-122.415972
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	AIRSPARES

AIRSPARES (Continued) **U003604943**

Address:	2617 L ST E
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421
Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

AIRSPARES (Continued) **U003604943**

Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

INST CONTROL:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	36399481
Latitude:	47.239597
Longitude:	-122.415972
Instrument Type:	Environmental Covenant
NFA Date:	09/19/2008
County Filing # For Individual IC Doc:	2.0085092603e+012
Filing Date Of Individual IC Doc:	09/26/2008
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2076380011
Control Active:	True
CS ID:	5946
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	AIR SPARES INC FORMER
Facility Id:	36399481

CSCSL NFA:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	36399481
CS Id:	5946

AIRSPARES (Continued) **U003604943**

NFA Date:	09/19/2008
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239597
Longitude:	-122.415972

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	36399481
CS Id:	5946
NFA Date:	09/19/2008
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239597
Longitude:	-122.415972

Z126 **AIR SPARES INC** **WA VCP** **S124434065**
ESE **2617 E L ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.362 mi.
1911 ft. **Site 3 of 3 in cluster Z**

Relative:
Higher

Actual:
95 ft.

VCP:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	36399481
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2008-09-19
Rank:	Not reported

AIR SPARES INC (Continued) **S124434065**

Cleanup Siteid: 5946
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: AIR SPARES INC
Address: 2617 E L ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 36399481
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2008-09-19
Rank: Not reported
Cleanup Siteid: 5946
Contaminant Name: Petroleum-Other
Soil: Remediated-Above

AG127 **SUPERVALU INTERNATIONAL** **WA ALLSITES** **S109824176**
North **495 E 19TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.363 mi.
1915 ft. **Site 3 of 3 in cluster AG**

Relative:
Lower
Actual:
10 ft.

ALLSITES:
Name: SUPERVALU INTERNATIONAL
Facility Id: 23977

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128 **BURLINGTON NORTHERN RAILROAD** **SEMS** **1000285960**
NE **RIGHT-OF-WAY TAR PITS** **WAD980723498**
1/4-1/2 **TACOMA, WA 98421**
0.363 mi.
1916 ft.

Relative:
Lower
Actual:
15 ft.

SEMS:
Site ID: 1000960
EPA ID: WAD980723498
Name: BURLINGTON NORTHERN RAILROAD
Address: RIGHT-OF-WAY TAR PITS
Address 2: Not reported
City,State,Zip: TACOMA, WA 98421
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000960
EPA ID: WAD980723498

BURLINGTON NORTHERN RAILROAD (Continued) **1000285960**

Site Name:	BURLINGTON NORTHERN RAILROAD
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1982-08-10 04:00:00
Finish Date:	8/10/1982 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000960
EPA ID:	WAD980723498
Site Name:	BURLINGTON NORTHERN RAILROAD
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-12-30 05:00:00
Finish Date:	12/30/1988 5:00:00 AM
Qual:	A
Current Action Lead:	St Perf

Region:	10
Site ID:	1000960
EPA ID:	WAD980723498
Site Name:	BURLINGTON NORTHERN RAILROAD
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1987-09-30 04:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

AI129 **HERITAGE CRYSTAL CLEAN LLC D ST** **WA ALLSITES** **1005445352**
NW **1901 E D ST** **RCRA NonGen / NLR** **WAH000016212**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.366 mi. **ECHO**
1933 ft. **Site 1 of 2 in cluster AI** **WA Financial Assurance**
WA MANIFEST

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Facility Id:	84615333

RCRA Listings:

Date Form Received by Agency:	2019-03-07 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Handler Address:	1901 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000016212
Contact Name:	SHANE ODOM
Contact Address:	HERITAGE-CRYSTAL CLEAN
Contact City,State,Zip:	ELGIN, IL 60123
Contact Telephone:	903-649-3610
Contact Fax:	Not reported
Contact Email:	SHANE.ODOM@CRYSTAL-CLEAN.COM
Contact Title:	ENVIRONMENTAL COMPLIANCE MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	State-specific Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2212 PORT OF TACOMA RD
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	HERITAGE CRYSTAL CLEAN LLC
Owner Type:	Private
Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Storage
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:33:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARK B
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD., STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRON P
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	2017-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIAN LABOUNTY
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-07-01 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-08-25 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Not a generator, verified

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-09-18 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-25 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-01 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-03 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-20 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-19 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-24 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Receive Date:	2005-08-25 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-01 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-01 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-09-18 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-27 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-04-26 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-05-05 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-19 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-19 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-07 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325998
NAICS Description:	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

NAICS Code:	562219
NAICS Description:	OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2013-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2015-02-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Authorization Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-11-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2002-06-18 00:00:00.0
Actual Return to Compliance Date:	2002-06-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-06-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Processors and Re-refiners

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-09-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - General Information
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2013-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	Not reported
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - General Information
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-09-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2015-01-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-08 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Processors and Re-refiners

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2006-06-14 00:00:00.0
Actual Return to Compliance Date:	2006-07-13 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-08-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Tank System Standards

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Listing - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-09-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-10-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-09-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKSG
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-06 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-02-20 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-11-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-11-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-11-04 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-06-18 00:00:00.0
Scheduled Compliance Date:	2002-06-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-09-23 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-11-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-10-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-05-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-08 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-09-24 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-01-09 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-08 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-07-13 00:00:00.0
Scheduled Compliance Date:	2006-08-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-09-09 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110012557189

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005445352
Registry ID:	110012557189
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012557189
Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

WA Financial Assurance 2:

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Corporate Guarantee
Cost Estimate:	$198,090.00
Policy Number:	N/A
Policy Effective Date:	05/13/2016
Policy Closure Date:	04/01/2017
Third Party Provider:	Heritage-Crystal Clean, Inc.

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	ALT I - Pass
As Of:	05/13/2016
Due Date:	04/01/2017
Year Submitted:	2016
FRR Complete:	False
Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	UEC002320309
Policy Effective Date:	06/01/2016
Policy Closure Date:	05/31/2017
Third Party Provider:	XL Speciality Insurance
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	N/A
As Of:	06/01/2016
Due Date:	06/01/2017
Year Submitted:	2016
FRR Complete:	False

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility’s cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	GEC002320109
Policy Effective Date:	06/01/2016
Policy Closure Date:	05/31/2017
Third Party Provider:	Greenwich Insurance Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	N/A
As Of:	06/01/2016
Due Date:	06/01/2017
Year Submitted:	2016
FRR Complete:	False

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Corporate Guarantee
Cost Estimate:	$199,905.19
Policy Number:	N/A
Policy Effective Date:	04/01/2018
Policy Closure Date:	04/01/2019
Third Party Provider:	Heritage-Crystal Clean LLC
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	ALT I - Pass
As Of:	04/10/2018
Due Date:	04/01/2019
Year Submitted:	2018
FRR Complete:	True

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	EPK103282
Policy Effective Date:	02/26/2013
Policy Closure Date:	02/25/2014
Third Party Provider:	Crum & Forster
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2014
FRR Complete:	False
Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	ENV031010-13-02
Policy Effective Date:	02/26/2013
Policy Closure Date:	02/25/2014
Third Party Provider:	American Safety Indemnity Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2013
FRR Complete:	False

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	05PKG01385
Policy Effective Date:	02/26/2005
Policy Closure Date:	02/25/2006
Third Party Provider:	Evanston Insurance Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2005
FRR Complete:	False

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Trust Fund
Cost Estimate:	$129,000.00
Policy Number:	XXXXX6482
Policy Effective Date:	Not reported
Policy Closure Date:	Not reported
Third Party Provider:	Fife Commercial Bank
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	02/17/2015

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Due Date:	Not reported
Year Submitted:	2015
FRR Complete:	False

WA MANIFEST:

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	155452
Sequence Number:	3400297
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8980
Quanity Unit:	LB
Kilograms Quanity:	4073.32807
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	1970681
Shipment Date:	2015-02-23 00:00:00
Mainfest Document ID:	009640826JJK
Reported Quanity:	500
Unit of Measure:	LB

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Kilograms Quanity:	226.800003
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970682
Shipment Date:	2015-04-03 00:00:00
Mainfest Document ID:	009640864JJK
Reported Quanity:	600
Unit of Measure:	LB
Kilograms Quanity:	272.160004
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970688
Shipment Date:	2015-09-10 00:00:00
Mainfest Document ID:	009637512JJK
Reported Quanity:	480
Unit of Measure:	LB
Kilograms Quanity:	217.728003
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970685
Shipment Date:	2015-07-15 00:00:00
Mainfest Document ID:	009640967JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970687
Shipment Date:	2015-08-28 00:00:00
Mainfest Document ID:	009637501JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970684
Shipment Date:	2015-06-03 00:00:00
Mainfest Document ID:	009640913JJK
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970691
Shipment Date:	2015-11-24 00:00:00
Mainfest Document ID:	009637579JJK
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD991301748

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Sequence Number: 3400297
Sequence Number: 1970686
Shipment Date: 2015-07-23 00:00:00
Mainfest Document ID: 009640970JJK
Reported Quanity: 900
Unit of Measure: LB
Kilograms Quanity: 408.240007
Receiving EPAID: UTD991301748

Waste Sequence Number: 3400297
Sequence Number: 1970680
Shipment Date: 2015-02-13 00:00:00
Mainfest Document ID: 009640810JJK
Reported Quanity: 900
Unit of Measure: LB
Kilograms Quanity: 408.240007
Receiving EPAID: UTD991301748

Waste Sequence Number: 3400297
Sequence Number: 1970689
Shipment Date: 2015-10-21 00:00:00
Mainfest Document ID: 009637543JJK
Reported Quanity: 900
Unit of Measure: LB
Kilograms Quanity: 408.240007
Receiving EPAID: UTD991301748

Waste Sequence Number: 3400297
Sequence Number: 1970690
Shipment Date: 2015-10-30 00:00:00
Mainfest Document ID: 009637562JJK
Reported Quanity: 900
Unit of Measure: LB
Kilograms Quanity: 408.240007
Receiving EPAID: UTD991301748

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 155452
Waste Sequence Number: 3400297
Sequence Number: 895405
Received EPAID: UTD991301748
Managed Quanity: 8980
Kilogram Quanity: 4073.32807
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 155452
Comments: ANTIFREEZE/GLYCOL
Waste Sequence Number: 3400297
Sequence Number: 1

Waste Stream Source Code:
CORB Waste Sequence Number: 155452
Waste Sequence Number: 3400297
Sequence Number: 1

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

WCDD Code:		G13
Name:		PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:		1901 E D ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001,D039	
Form Comm:		TBG: SPECIAL WASTE, SOLIDIFICATION
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		True
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		True
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602018071
Business Type:		Not reported
Mail Name:		Phoenix Environmental Svcs Inc
Mailing Address:		2212 Port of Tacoma Rd
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Phoenix Environmental Svcs Inc
Legal Organization Type:		Private
Legal Contact:		Mark Bridges
Legal Address:		2212 Port of Tacoma Rd
Legal Address 2:		Not reported
Legal City,State,Zip:		Tacoma, WA 98421
Legal Phone Number:		(253)779-8474
Legal Effective Date:		05/31/2000
Land Organization Name:		Not reported
Land Organization Type:		Private
Land Contact:		Mr & Mrs John D Nichols
Land Address:		3520 33rd St Ct NW
Land City,State,Zip:		Gig Harbor, WA 98335
Land Phone Number:		(253)858-5788
Operator Organization Name:		Phoenix Environmental Svcs Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2212 Port of Tacoma Rd
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)779-8474

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	150245
Sequence Number:	3339769
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11360
Quanity Unit:	LB
Kilograms Quanity:	5152.89608
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	N
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	94900
KG Managed On Site:	209218.437
Generator Treatment Code:	Y
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	H100
WCDB Code:	W319

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Description:	Wastewater Treatment sludge
CORb Sequence Number:	150245
Sequence Number:	3339816
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	94900
Quanity Unit:	LB
Kilograms Quanity:	43046.6407
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W204
Description:	Parts washer solvent D St
CORb Sequence Number:	150245
Sequence Number:	3339760
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	1838296
Shipment Date:	2014-09-26 00:00:00
Mainfest Document ID:	009640686JJK
Reported Quanity:	465
Unit of Measure:	LB
Kilograms Quanity:	210.924003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838288
Shipment Date:	2014-12-30 00:00:00
Mainfest Document ID:	009640791JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3339769
Sequence Number:	1838293
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	009640587JJK

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Reported Quanity:	950
Unit of Measure:	LB
Kilograms Quanity:	430.920007
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838292
Shipment Date:	2014-05-14 00:00:00
Mainfest Document ID:	009640564JJK
Reported Quanity:	1200
Unit of Measure:	LB
Kilograms Quanity:	544.320009
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838290
Shipment Date:	2014-02-13 00:00:00
Mainfest Document ID:	009640496JJK
Reported Quanity:	850
Unit of Measure:	LB
Kilograms Quanity:	385.560006
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838289
Shipment Date:	2014-01-28 00:00:00
Mainfest Document ID:	009640479JJK
Reported Quanity:	1535
Unit of Measure:	LB
Kilograms Quanity:	696.276011
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838295
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	009640658JJK
Reported Quanity:	1023
Unit of Measure:	LB
Kilograms Quanity:	464.032807
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838294
Shipment Date:	2014-07-17 00:00:00
Mainfest Document ID:	009640623JJK
Reported Quanity:	1302
Unit of Measure:	LB
Kilograms Quanity:	590.587210
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838287
Shipment Date:	2014-11-26 00:00:00
Mainfest Document ID:	009640735JJK
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Receiving EPAID: UTD991301748

Waste Sequence Number: 3339769
Sequence Number: 1838297
Shipment Date: 2014-10-24 00:00:00
Mainfest Document ID: 009640717JJK
Reported Quanity: 1535
Unit of Measure: LB
Kilograms Quanity: 696.276011
Receiving EPAID: NED981723513

Waste Sequence Number: 3339769
Sequence Number: 1838291
Shipment Date: 2014-04-04 00:00:00
Mainfest Document ID: 009640524JJK
Reported Quanity: 1400
Unit of Measure: LB
Kilograms Quanity: 635.040010
Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 150245
Waste Sequence Number: 3339769
Sequence Number: 853950
Received EPAID: UTD991301748
Managed Quanity: 1100
Kilogram Quanity: 498.960008
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3339769
Sequence Number: 853949
Received EPAID: NED981723513
Managed Quanity: 10260
Kilogram Quanity: 4653.93608
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3339760
Sequence Number: 853898
Received EPAID: NED981723513
Managed Quanity: 50
Kilogram Quanity: 22.6800003
Recycled Percentage: Not reported
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 150245
Comments: ANTIFREEZE/GLYCOL
Waste Sequence Number: 3339769
Sequence Number: 1

Comments: TBG:SOLIDIFICATION
Waste Sequence Number: 3339816
Sequence Number: 1

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Stream EPA Code:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339760
Sequence Number:	7563685
WCDA Code:	D001
Waste Sequence Number:	3339760
Sequence Number:	7563686
WCDA Code:	D039

Waste Stream Source Code:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3339816
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3339760
Sequence Number:	1
WCDD Code:	G01

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D039
Form Comm:	TBG: Special waste, Solidification
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	True
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	B
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	61.1300000
KG Managed On Site:	269536.841
Generator Treatment Code:	Y
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	H110

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

WCDB Code:	W319
Description:	Wastewater Treatment sludge
CORb Sequence Number:	144759
Sequence Number:	3292806
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	122.260000
Quanity Unit:	ST
Kilograms Quanity:	110914.273
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	144759
Sequence Number:	3292784
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2064
Quanity Unit:	GAL
Kilograms Quanity:	7808.16167
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W204
Description:	Parts washer solvent D St
CORb Sequence Number:	144759
Sequence Number:	3292793
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	GAL
Kilograms Quanity:	32.9313605
Density Number:	6.59999999
Density Quanity:	PPG

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Shipment Received:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292795
Sequence Number:	9087946
Shipment Date:	2013-02-26 00:00:00
Manifest Document ID:	2130763
Unit of Measure:	GAL
Kilograms Quanity:	208.06632357874076
Sending FACID:	WAD988504668
FK Waste Management SY Code:	Not reported
WCDE Code:	H039
Reported Quanity:	55

Waste Sequence Number:	3292795
Sequence Number:	9087947
Shipment Date:	2013-12-30 00:00:00
Manifest Document ID:	2135739
Unit of Measure:	GAL
Kilograms Quanity:	174.01910699312864
Sending FACID:	WAD988504668
FK Waste Management SY Code:	Not reported
WCDE Code:	H039
Reported Quanity:	46

Shipments Send:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292806
Sequence Number:	1747239
Shipment Date:	2013-10-07 00:00:00
Mainfest Document ID:	288824
Reported Quanity:	10.5
Unit of Measure:	ST
Kilograms Quanity:	9525.60016
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747238
Shipment Date:	2013-09-24 00:00:00
Mainfest Document ID:	286867
Reported Quanity:	11.67
Unit of Measure:	ST
Kilograms Quanity:	10587.0241
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747240
Shipment Date:	2013-10-17 00:00:00
Mainfest Document ID:	290464
Reported Quanity:	10.35
Unit of Measure:	ST
Kilograms Quanity:	9389.52016
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747241
Shipment Date:	2013-11-11 00:00:00

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mainfest Document ID:	293719
Reported Quanity:	11.34
Unit of Measure:	ST
Kilograms Quanity:	10287.6481
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292806
Sequence Number:	1747242
Shipment Date:	2013-11-26 00:00:00
Mainfest Document ID:	295574
Reported Quanity:	8.33000000
Unit of Measure:	ST
Kilograms Quanity:	7556.97612
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292806
Sequence Number:	1747224
Shipment Date:	2013-08-28 00:00:00
Mainfest Document ID:	282776
Reported Quanity:	8.93999999
Unit of Measure:	ST
Kilograms Quanity:	8110.36813
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292793
Sequence Number:	1747139
Shipment Date:	2013-08-24 00:00:00
Mainfest Document ID:	009640378JJK
Reported Quanity:	11
Unit of Measure:	GAL
Kilograms Quanity:	32.9313605
Receiving EPAID:	NED981723513
Waste Sequence Number:	3292784
Sequence Number:	1747118
Shipment Date:	2013-07-16 00:00:00
Mainfest Document ID:	009640341JJK
Reported Quanity:	180
Unit of Measure:	GAL
Kilograms Quanity:	680.944331
Receiving EPAID:	NED981723513
Waste Sequence Number:	3292784
Sequence Number:	1747122
Shipment Date:	2013-12-29 00:00:00
Mainfest Document ID:	009640461JJK
Reported Quanity:	209
Unit of Measure:	GAL
Kilograms Quanity:	790.652029
Receiving EPAID:	NED981723513
Waste Sequence Number:	3292784
Sequence Number:	1747121
Shipment Date:	2013-11-15 00:00:00
Mainfest Document ID:	009640438JJK
Reported Quanity:	200
Unit of Measure:	GAL

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Kilograms Quanity: 756.604813
Receiving EPAID: NED981723513

Waste Sequence Number: 3292784
Sequence Number: 1747119
Shipment Date: 2013-08-08 00:00:00
Mainfest Document ID: 009640359JJK
Reported Quanity: 220
Unit of Measure: GAL
Kilograms Quanity: 832.265294
Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 144759
Waste Sequence Number: 3292806
Sequence Number: 821614
Received EPAID: NOIDNEEDED
Managed Quanity: 61.1300000
Kilogram Quanity: 55457.1369
Recycled Percentage: 0
Waste Management System Code: H100

Waste Sequence Number: 3292793
Sequence Number: 821561
Received EPAID: NED981723513
Managed Quanity: 11
Kilogram Quanity: 32.9313605
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3292784
Sequence Number: 821547
Received EPAID: NED981723513
Managed Quanity: 2064
Kilogram Quanity: 7808.16167
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 144759
Comments: Glycol from distillation process
Waste Sequence Number: 3292784
Sequence Number: 1

Comments: wastewater treatment sludge zinc, special waste
Waste Sequence Number: 3292806
Sequence Number: 1

Comments: Recycle antifreeze
Waste Sequence Number: 3292795
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 144759
Waste Sequence Number: 3292793
Sequence Number: 7350934

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

WCDA Code: D001

Waste Sequence Number: 3292793
Sequence Number: 7350935
WCDA Code: D039

Waste Stream Received:
CORB Sequence Number: 144759
Sequence Number: 3292795
Description: Spent Antifreeze
Mixed Radioactive Flag: False
Designation Code: D
Reported Quanity: 101
Quanity Unit: GAL
Kilograms Quanity: 382.08543057186944
Density Number: 8.3399999999999999
Denisty Unit: PPG
State Only Waste Code 1: Not reported
State Only Waste Code 2: WT02
WCDB Code: W113

Waste Stream Source Code:
CORB Waste Sequence Number: 144759
Waste Sequence Number: 3292793
Sequence Number: 1
WCDD Code: G01

Waste Sequence Number: 3292784
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 3292806
Sequence Number: 1
WCDD Code: G14

Name: PHOENIX ENVIRONMENTAL SVCS INC D ST
Address: 1901 E D ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 84615333
EPA ID: WAH000016212
NAICS: 562219
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: True
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:		PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:		1901 E D ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	
Form Comm:		MOVING OUT OF STATE - EFFECTIVE August 31 2005 - New operator taking over the site effective Sept. 1 2005 No DW Waste receiving or managed after 8/24/2005 for SQG Specialists as operators at this site!
Data Year:		Not reported
Permit by Rule:		F
Mailing Address 2:		Not reported
Treatment by Generator:		F
Mixed Radioactive Waste:		F
Importer of Hazardous Waste:		F
Immediate Recycler:		T
Treatment/Storage/Disposal/Recycling Facility:		F
Generator of Dangerous Fuel Waste:		F
Generator Marketing to Burner:		F
Other Marketers (i.e., blender, distributor, etc.):		F
Utility Boiler Burner:		F
Industry Boiler Burner:		F
Industrial Furnace:		F
Smelter Defferal:		F
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	T
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	T
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	
Form Comm:		MOVING OUT OF STATE - EFFECTIVE August 31 2005 - New operator taking over the site effective Sept. 1 2005 No DW Waste receiving or managed after 8/24/2005 for SQG Specialists as operators at this site!
Data Year:		Not reported
Permit by Rule:		No
Mailing Address 2:		Not reported
Treatment by Generator:		No
Mixed Radioactive Waste:		No
Importer of Hazardous Waste:		No
Immediate Recycler:		Yes
Treatment/Storage/Disposal/Recycling Facility:		No
Generator of Dangerous Fuel Waste:		No
Generator Marketing to Burner:		No
Other Marketers (i.e., blender, distributor, etc.):		No
Utility Boiler Burner:		No
Industry Boiler Burner:		No
Industrial Furnace:		No
Smelter Defferal:		No
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602018071
Business Type:		Not reported
Mail Name:		Phoenix Environmental Svcs Inc
Mailing Address:		2212 Port of Tacoma Rd
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Phoenix Environmental Svcs Inc
Legal Organization Type:		Private
Legal Contact:		Mark Bridges
Legal Address:		2212 Port of Tacoma Rd
Legal Address 2:		Not reported
Legal City,State,Zip:		Tacoma, WA 98421
Legal Phone Number:		(253)779-8474
Legal Effective Date:		05/31/2000
Land Organization Name:		Not reported
Land Organization Type:		Private
Land Contact:		Mr & Mrs John D Nichols
Land Address:		3520 33rd St Ct NW
Land City,State,Zip:		Gig Harbor, WA 98335
Land Phone Number:		(253)858-5788
Operator Organization Name:		Phoenix Environmental Svcs Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2212 Port of Tacoma Rd
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)779-8474
Operator Effective Date:		06/30/2003
Site Contact:		Christine Bridges
Site Contact Address:		2212 Port of Tacoma Rd
Contact City,State,Zip:		Tacoma, WA 98421
Site Contact Phone Number:		(253)779-8474
Site Contact Email:		Not reported
Gen Status Code:		SQG
Monthly Generation:		No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	Yes
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	Yes
Used Oil Fuel Marketer Meets Specs:	Yes
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AI130 **ALL SAFE ENVIRONMENTAL** **WA ALLSITES** **S109556776**
NW **1901 E D ST STE A** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.366 mi.
1933 ft. **Site 2 of 2 in cluster AI**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	ALL SAFE ENVIRONMENTAL
Facility Id:	78312996

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131 **MCKINLEY PARK** **WA CSCSL** **S110700426**
South **907 UPPER PARK ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98408**
0.368 mi.
1941 ft.

Relative:
Higher

Actual:
93 ft.

CSCSL:

Name:	MCKINLEY PARK
Address:	907 UPPER PARK ST
City,State,Zip:	TACOMA, WA 98408
Facility ID:	12317
Region:	Southwest
Lat/Long:	47.235361111111 / -122.4238888888
Clean Up Siteid:	11450
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

MCKINLEY PARK (Continued) **S110700426**

Responsible Unit: Southwest

ALLSITES:
Name: MCKINLEY PARK
Facility Id: 12317

AF132 **NW FURNITURE BANK** **WA SWRCY** **S125716137**
West **117 PUYALLUP AVE TACOMA** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.371 mi.
1958 ft. **Site 2 of 2 in cluster AF**

Relative:
Higher

Actual:
28 ft.

SWRCY:

Name:	NW FURNITURE BANK
Address:	117 PUYALLUP AVE TACOMA
City,State,Zip:	TACOMA, WA 98421
Phone:	253-302-3868 x101
Website:	https://www.nwfurniturebank.org/mattress-recycling
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Sat, 9am-4pm
Comments:	Not reported
Material Category:	Home & Garden
Organization ID:	1646
Organization Name:	NW Furniture Bank
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

Name:	NW FURNITURE BANK
Address:	117 PUYALLUP AVE TACOMA
City,State,Zip:	TACOMA, WA 98421
Phone:	253-302-3868 x101
Website:	https://www.nwfurniturebank.org/mattress-recycling
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Pickup
Hours:	Mon-Sat, 9am-4pm
Comments:	Not reported
Material Category:	Home & Garden
Organization ID:	1646
Organization Name:	NW Furniture Bank
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

AJ133 **TACOMA SPUR** **SEMS** **1000334234**
West **24TH S AND EAST A (I-705)** **WAD980835789**
1/4-1/2 **TACOMA, WA 98402**
0.380 mi.
2005 ft. **Site 1 of 3 in cluster AJ**

Relative:
Higher

Actual:
43 ft.

SEMS:

Site ID:	1001025
EPA ID:	WAD980835789
Name:	TACOMA SPUR
Address:	24TH S AND EAST A (I-705)
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98402
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1984-02-01 05:00:00
Finish Date:	2/1/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-11-28 05:00:00
Finish Date:	11/28/1988 5:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	PA

TACOMA SPUR (Continued) **1000334234**

Action Name:	PA
SEQ:	1
Start Date:	1984-08-30 05:00:00
Finish Date:	9/1/1984 5:00:00 AM
Qual:	H
Current Action Lead:	St Perf

AK134 **DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME** **WA VCP** **S124436758**
SSW **2727 E D ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.382 mi.
2019 ft. **Site 1 of 3 in cluster AK**

Relative:
Higher

Actual:
136 ft.

VCP:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	96231256
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-05-24
Rank:	Not reported
Cleanup Siteid:	6940
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

AK135 **DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME** **WA LUST** **1001969509**
SSW **2727 E D ST** **WA ALLSITES** **WAD981768021**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.382 mi. **RCRA NonGen / NLR**
2019 ft. **Site 2 of 3 in cluster AK** **FINDS**
ECHO
Relative: **WA MANIFEST**
Higher

Actual:
136 ft.

LUST:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	96231256
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6940
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	TACOMA CITY OF TACOMA DOME,TACOMA CITY TACOMA DOME,TACOMA DOME UST SITE
Response Section:	Southwest
Release Date:	01/18/2000
Lust Date:	05/24/2000
Region:	Southwest

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Lust ID:	5440
UST ID:	507935
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2365335 / -122.42700

ALLSITES:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Facility Id:	96231256
Name:	LEMAY AMERICAS CAR MUSEUM
Facility Id:	19576

CSCSL NFA:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	96231256
CS Id:	6940
NFA Date:	05/24/2000
Alternate Site Names:	TACOMA CITY OF TACOMA DOME,TACOMA CITY TACOMA DOME,TACOMA DOME UST SITE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236533583
Longitude:	-122.42700268

RCRA Listings:

Date Form Received by Agency:	2019-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Handler Address:	2727 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD981768021
Contact Name:	MATT BALK
Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-830-6617
Contact Fax:	Not reported
Contact Email:	MBALK@TACOMAVENUES.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TACOMA CITY
Owner Type:	Municipal
Operator Name:	CITY OF TACOMA/TACOMA DOME
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
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Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
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Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
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Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
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Owner/Operator Telephone:	000-000-0000
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Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

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Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
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Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
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Date Became Current:	Not reported
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Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
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DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Legal Status:	Private
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Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
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Owner/Operator Address:	2727 E D ST
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Owner/Operator Telephone:	000-000-0000
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Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Municipal
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Municipal
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-16 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-12 00:00:00.0

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-26 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-05 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-15 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-10 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-07 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-15 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-06-17 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-04-20 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-17 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-18 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-24 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-05 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-16 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-09 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-12 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-20 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Receive Date:	2015-02-23 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-23 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-03 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 71131
NAICS Description: PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

NAICS Code: 711310
NAICS Description: PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005342343

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001969509
Registry ID: 110005342343
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005342343
Name: DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address: 2727 E D ST
City,State,Zip: TACOMA, WA 98421

WA MANIFEST:
Name: DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address: 2727 E D ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)272-3663

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Site Contact Address 2:	Not reported
Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AK136 **TACOMA CITY OF TACOMA DOME** **WA UST** **U003710124**
SSW **2727 E D ST** **WA ICR** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.382 mi.
2019 ft. **Site 3 of 3 in cluster AK**

Relative:
Higher

Actual:
136 ft.

UST:

Name:	TACOMA CITY OF TACOMA DOME
Address:	2727 E D ST
City:	TACOMA
Zip:	98402
Facility ID:	96231256
Site Id:	507935
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2365335825738
Decimal Longitude:	-122.427002676599
Tank Name:	1
Tag Number:	Not reported

TACOMA CITY OF TACOMA DOME (Continued) **U003710124**

Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TACOMA CITY OF TACOMA DOME
Address:	2727 E D ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

TACOMA CITY OF TACOMA DOME (Continued) **U003710124**

ICR:

Date Ecology Received Report:	01/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

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137 WNW 1/4-1/2 0.386 mi. 2036 ft. | **DOCK STREET OVERPASS**
21ST & DOCK ST
TACOMA, WA 98402 | **WA UST** **U003604916**
WA ALLSITES **N/A**

Relative: Lower

Actual: 3 ft.

UST:

Name:	DOCK STREET OVERPASS
Address:	21ST & DOCK ST
City:	TACOMA
Zip:	98402
Facility ID:	57172581
Site Id:	500464
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2433638733
Decimal Longitude:	-122.433862428
Tank Name:	A
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

DOCK STREET OVERPASS (Continued) **U003604916**

Name: DOCK STREET OVERPASS
Address: 21ST & DOCK ST
City: TACOMA
Zip: 98402

Tank Name: B
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 12/10/1999
Tank Install Date: 01/01/1900
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: DOCK STREET OVERPASS
Facility Id: 57172581

AL138 **MAJOR PETROLEUM B.P.** **WA HSL** **U003355274**
East **1302 PUYALLUP AVE** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA LUST**
0.389 mi. **WA UST**
2055 ft. **Site 1 of 6 in cluster AL** **WA ALLSITES**
WA Financial Assurance
Relative: **WA PTAP**
Higher
Actual:
22 ft.

HSL:
Name: UNOCAL 76 MAJOR PETROLEUM
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 61931157
Rank: 2
Region: PLIA

MAJOR PETROLEUM B.P. (Continued) **U003355274**

EDR Link ID: 61931157
Region Decode: Not reported

CSCSL:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	61931157
Region:	Southwest
Lat/Long:	47.24187 / -122.41506
Clean Up Siteid:	6385
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	MAJOR PETROLEUM B.P.,MAJOR PETROLEUM BP
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

LUST:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	61931157
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6385
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	MAJOR PETROLEUM B.P.,MAJOR PETROLEUM BP
Response Section:	Pollution Liability Ins Agcy
Release Date:	05/24/1989
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	1764
UST ID:	7117
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24187 / -122.41506

UST:

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Facility ID:	61931157
Site Id:	7117
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24187
Decimal Longitude:	-122.41506

Tank Name:	1
Tag Number:	A4260
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	07/05/1971
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	7
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE

MAJOR PETROLEUM B.P. (Continued) **U003355274**

City:	TACOMA
Zip:	98421
Tank Name:	8
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

ALLSITES:

Name:	UNOCAL 76 MAJOR PETROLEUM
Facility Id:	61931157

WA Financial Assurance 1:

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	05/09/2015
Expiration Date:	05/09/2016
Address 2:	Not reported
Policy Number:	WA640207-9
Effective Date:	04/09/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506
Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/23/2016
Expiration Date:	05/08/2017
Address 2:	Not reported
Policy Number:	WA640207-10
Effective Date:	03/23/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/29/2017
Expiration Date:	05/08/2018
Address 2:	Not reported
Policy Number:	WA640207-11
Effective Date:	03/29/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	04/12/2018
Expiration Date:	05/08/2019
Address 2:	Not reported
Policy Number:	WA640207-12
Effective Date:	04/12/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	04/10/2019
Expiration Date:	05/08/2020
Address 2:	Not reported
Policy Number:	WA640207-13
Effective Date:	04/10/2019

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

PTAP:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Site ID:	PSW053
FSID Number:	61931157
Entry Date:	01/09/2019
Status:	In Progress

AL139 **UNOCAL 76 MAJOR PETROLEUM** **WA VCP** **S124435216**
East **1302 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.389 mi.
2055 ft. **Site 2 of 6 in cluster AL**

Relative:
Higher

Actual:
22 ft.

VCP:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	61931157
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	6385
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AL140 **TAFT & COMPANY 1239 PUYALLUP AVE** **WA LUST** **S104971325**
ENE **1239 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.390 mi.
2061 ft. **Site 3 of 6 in cluster AL**

Relative:
Lower

Actual:
21 ft.

LUST:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	35539812
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5932
Cleanup Unit Type:	Not reported
Process Type:	Not reported

TAFT & COMPANY 1239 PUYALLUP AVE (Continued) **S104971325**

Cleanup Unit Name:	TAFT & COMPANY
Response Section:	Southwest
Release Date:	08/18/2000
Lust Date:	10/10/2000
Region:	Southwest
Lust ID:	5574
UST ID:	549284
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2424167 / -122.41545

ALLSITES:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Facility Id:	35539812

CSCSL NFA:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	35539812
CS Id:	5932
NFA Date:	10/10/2000
Alternate Site Names:	TAFT & COMPANY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242416774
Longitude:	-122.41545752

AL141 **TAFT & COMPANY 1239 PUYALLUP AVE** **WA VCP** **S124434023**
ENE **1239 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.390 mi.
2061 ft. **Site 4 of 6 in cluster AL**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35539812
VCP Status:	Not reported

TAFT & COMPANY 1239 PUYALLUP AVE (Continued) **S124434023**

VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-10-10
Rank:	Not reported
Cleanup Siteid:	5932
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AL142 **TAFT & COMPANY** **WA ICR** **S104782993**
ENE **1239 PUYALLUP AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.390 mi.
2061 ft. **Site 5 of 6 in cluster AL**

Relative:
Lower

Actual:
21 ft.

ICR:

Date Ecology Received Report:	08/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Tank Removal, Site Assessment, and Cleanup
Date Ecology Received Report:	04/18/01

AJ143 **KIEWIT PACIFIC CO TACOMA** **WA UST** **1000437043**
West **132 PUYALLUP AVE** **WA ALLSITES** **WAD988466892**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.403 mi. **FINDS**
2126 ft. **Site 2 of 3 in cluster AJ** **ECHO**

Relative:
Higher

Actual:
48 ft.

UST:

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	95452652
Site Id:	8370
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23996
Decimal Longitude:	-122.43318
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

ALLSITES:

Name:	KIEWIT PACIFIC CO TACOMA
Facility Id:	95452652

RCRA Listings:

Date Form Received by Agency:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Handler Address:	132 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988466892
Contact Name:	KIEWIT PACIFIC KIEWIT PACIFIC
Contact Address:	2200 COLUMBIA HOUSE BLVD
Contact City,State,Zip:	VANCOUVER, WA 98661
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2200 COLUMBIA HOUSE BLVD
Mailing City,State,Zip:	VANCOUVER, WA 98661
Owner Name:	KIEWIT PACIFIC K
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:23:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIEWIT PACIFIC CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1112
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC CO TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC K
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1112
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIEWIT PACIFIC CO TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23731
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005349373

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000437043
Registry ID:	110005349373
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005349373
Name:	KIEWIT PACIFIC CO TACOMA
Address:	132 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

AM144 **MPS INC** **WA ALLSITES** **1007081389**
North **457 E 18TH ST FRONT OF BLDG 2ND FLOOR** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.405 mi.
2140 ft. **Site 1 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	MPS INC
Facility Id:	24976983

FINDS:

Registry ID: 110015581315

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007081389
Registry ID:	110015581315
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015581315
Name:	MPS INC
Address:	457 E 18TH ST FRONT OF BLDG 2ND FLOOR
City,State,Zip:	TACOMA, WA 98421

AM145 **TRUCK RAIL HANDLING INC TRANSPORTER** **WA ALLSITES** **1005445033**
North **457 E 18TH ST TRANSPORTER** **RCRA NonGen / NLR** **WAH000012781**
1/4-1/2 **TACOMA, WA 98421**
0.405 mi.
2140 ft. **Site 2 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Facility Id:	22736925

RCRA Listings:

Date Form Received by Agency:	2004-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Handler Address:	457 E 18TH ST TRANSPORTER
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000012781
Contact Name:	LYNNE LASATER
Contact Address:	45051 INDUSTRIAL DR
Contact City,State,Zip:	FREMONT, CA 94538
Contact Telephone:	510-657-4267
Contact Fax:	Not reported
Contact Email:	LLASATER@QATP-TRH.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	457 E 18TH ST TRANSPORTER
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TRUCK RAIL HANDLING INC
Owner Type:	Private
Operator Name:	TRUCK RAIL HANDLING INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:14:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HAND T
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JIM C
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1506
Owner/Operator Telephone:	253-383-1009

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-09-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

AM146
North
1/4-1/2
0.405 mi.
2140 ft.

ARROW TRANSPORTATION COMPANY TACOMA TERMINAL **WA ALLSITES** **1007081390**
457 E 18TH ST ARROW **ICIS** **N/A**
TACOMA, WA 98421 **FINDS**
ECHO

Site 3 of 5 in cluster AM

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	ARROW TRANSPORTATION CO TACOMA TERMINAL
Facility Id:	94425177

ICIS:

Enforcement Action ID:	10-1998-0019
FRS ID:	110015581324
Action Name:	ARROW TRANSPORTATION COMPANY OF DELAWARE
Facility Name:	ARROW TRANSPORTATION COMPANY TACOMA TERMINAL
Facility Address:	457 E 18TH ST ARROW TACOMA, WA 98421
Enforcement Action Type:	Bankruptcy
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	BNK
Facility SIC Code:	4213
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.247125
Longitude in Decimal Degrees:	-122.425756
Permit Type Desc:	Not reported
Program System Acronym:	21227
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

ARROW TRANSPORTATION COMPANY TACOMA TERMINAL (Continued) **1007081390**

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

FINDS:
Registry ID: 110015581324

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ARROW TRANSPORTATION COMPANY TACOMA TERMINAL (Continued) **1007081390**

ECHO:

Envid:	1007081390
Registry ID:	110015581324
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015581324
Name:	ARROW TRANSPORTATION CO TACOMA TERMINAL
Address:	457 E 18TH ST ARROW
City,State,Zip:	TACOMA, WA 98421

AM147 **SAFETY KLEEN SYSTEMS 457 E 18TH** **WA ALLSITES** **S109555312**
North **457 E 18TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.405 mi.
2140 ft. **Site 4 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	SAFETY KLEEN SYSTEMS 457 E 18TH
Facility Id:	53196144

AM148 **TRUCK RAIL HANDLING INC** **RCRA-VSQG** **1001226262**
North **457 E 18TH ST** **WA HSL** **WAH000002261**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL**
0.405 mi. **WA ALLSITES**
2140 ft. **Site 5 of 5 in cluster AM** **WA SPILLS**
WA MANIFEST
WA NPDES

Relative:
Lower

Actual:
10 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Handler Address:	457 E 18TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000002261
Contact Name:	MIKE MCPHERSON
Contact Address:	457 E 18TH ST.
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-377-0102
Contact Fax:	Not reported
Contact Email:	MMCPHERSON@QATP-TRH.COM
Contact Title:	TERMINAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TRUCK RAIL HANDLING INC
Owner Type:	Private
Operator Name:	TRUCK RAIL HANDLING INC., MIKE MCPHERSON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	103
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	1999-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	103
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CADY, BRAD
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC., MIKE MCPHERSON
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRAD CADY
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-28 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-10-28 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-09 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-08-21 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-02 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Receive Date:	2002-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-26 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-11 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-03 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-07 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-01-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-04 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-23 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Receive Date:	2018-01-23 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code:	488210
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	2014-06-19 00:00:00.0
Actual Return to Compliance Date:	2014-11-24 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-11-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-11-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 2010-09-01 00:00:00.0
Actual Return to Compliance Date: 2010-06-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-09-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALLM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-06-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-11-24 00:00:00.0
Scheduled Compliance Date:	2014-11-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-12-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Evaluation Date:	2010-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2010-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HSL:

Name:	TRUCK RAIL HANDLING INC
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	63316697
Rank:	4
Region:	SW
EDR Link ID:	63316697
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	63316697
Region:	Southwest
Lat/Long:	47.247 / -122.42381
Clean Up Siteid:	11416
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	MPS TACOMA INC
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TRUCK RAIL HANDLING INC
Address: 457 E 18TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 63316697
Region: Southwest
Lat/Long: 47.247 / -122.42381
Clean Up Siteid: 11416
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: MPS TACOMA INC
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TRUCK RAIL HANDLING INC
Address: 457 E 18TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 63316697
Region: Southwest
Lat/Long: 47.247 / -122.42381
Clean Up Siteid: 11416
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: MPS TACOMA INC
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TRUCK RAIL HANDLING INC
Facility Id: 63316697

SPILLS:
Name: Not reported
Address: 457 E 18TH ST

TRUCK RAIL HANDLING INC (Continued) **1001226262**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	107483
Medium:	Industrial Property
Material Desc:	JET FUEL/KEROSENE
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	07/18/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.247
Longitude:	-122.42381
Source Type:	Vehicle
Source:	Tank Truck
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Katey Potter
Cause:	PSC Environmental spill 7/18/19
Cause Type:	Not reported
Resp Party Name:	PSC Environmental Services

Name:	Not reported
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107483
Medium:	Industrial Property
Material Desc:	JET FUEL/KEROSENE
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	07/18/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.247
Longitude:	-122.42381
Source Type:	Vehicle
Source:	Tank Truck
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	PSC Environmental Services

Name:	TRUCK RAIL HANDLING
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	561993
Medium:	Not reported
Material Desc:	WATER
Material Qty:	100
Material Units:	GALLON
Date Received:	04/18/2007
Contact Name:	CADY
Incident Date:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	SAFETY-KLEEN (CLEAN HARBORS)
Address:	457 E. 18TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	655878
Medium:	IMPERMEABLE CONTAINMENT
Material Desc:	Used Oil
Material Qty:	300
Material Units:	GALLON
Date Received:	03/30/2015
Contact Name:	Plummer
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc., Mike McPherson
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253) 383-1009
Operator Effective Date:	01/01/2008
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Site Contact Address 2:		Not reported
Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Truck Rail Handling Inc
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1506
Legal Organization Name:		Truck Rail Handling Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		45051 INDUSTRIAL DR
Legal Address 2:		Not reported
Legal City,State,Zip:		FREMONT, CA 94538
Legal Phone Number:		(510)657-4267
Legal Effective Date:		08/21/2000
Land Organization Name:		Truck Rail Handling Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		45051 INDUSTRIAL DR
Land City,State,Zip:		FREMONT, CA 94538
Land Phone Number:		(510)657-4267
Operator Organization Name:		Truck Rail Handling Inc.
Operator Organization Type:		Private
Operator:		Mike McPherson
Operator Address:		457 E 18th St
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421
Operator Phone Number:		(253)383-1009,ext 105
Operator Effective Date:		01/01/2008

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Truck Rail Handling Inc
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1506
Legal Organization Name:		Truck Rail Handling Inc

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		45051 INDUSTRIAL DR
Legal Address 2:		Not reported
Legal City,State,Zip:		FREMONT, CA 94538
Legal Phone Number:		(510)657-4267
Legal Effective Date:		08/21/2000
Land Organization Name:		Truck Rail Handling Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		45051 INDUSTRIAL DR
Land City,State,Zip:		FREMONT, CA 94538
Land Phone Number:		(510)657-4267
Operator Organization Name:		Truck Rail Handling Inc.
Operator Organization Type:		Private
Operator:		Mike McPherson
Operator Address:		457 E 18th St
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421
Operator Phone Number:		(253)383-1009,ext 105
Operator Effective Date:		01/01/2008
Site Contact:		Mike McPherson
Site Contact Address:		457 E 18TH ST
Contact City,State,Zip:		TACOMA, WA 98421-1506
Site Contact Phone Number:		(253)383-1009,ext 105
Site Contact Email:		mmcpherson@qatptrh.com
Gen Status Code:		SQG
Monthly Generation:		False
Batch Generation:		True
One Time Generation:		False
Transport Own Waste:		False
Tranports Other Waste:		False
Recycler Onsite:		False
Transfer Facility:		True
Other Exemption:		Not reported
UW Battery Gen:		False
Used Oil Transporter:		False
Used Oil Transfer Facility:		True
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatptrh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Truck Rail Handling Inc
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1506
Legal Organization Name:		Truck Rail Handling Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		45051 INDUSTRIAL DR
Legal Address 2:		Not reported
Legal City,State,Zip:		FREMONT, CA 94538
Legal Phone Number:		510657-4267 103
Legal Effective Date:		08/21/2000
Land Organization Name:		Truck Rail Handling Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		45051 INDUSTRIAL DR
Land City,State,Zip:		FREMONT, CA 94538
Land Phone Number:		(510)657-4267
Operator Organization Name:		Truck Rail Handling Inc.
Operator Organization Type:		Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210

TRUCK RAIL HANDLING INC (Continued) **1001226262**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Brad Cady
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009
Operator Effective Date:	07/28/1997
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009
Site Contact Email:	jcrews@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Brad Cady
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009
Operator Effective Date:	07/28/1997
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Site Contact Phone Number:	(253)383-1009
Site Contact Email:	jcrews@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR002841
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AN149 **NORTH COAST ELECTRIC CO** **WA ALLSITES** **S109824129**
East **1301 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.406 mi.
2142 ft. **Site 1 of 3 in cluster AN**

Relative:
Higher

Actual:
42 ft.

ALLSITES:

Name:	NORTH COAST ELECTRIC CO
Facility Id:	15395

AO150 **ALL COTE COATINGS INC** **WA ALLSITES** **S109824372**
East **1311 E 25TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.410 mi.
2165 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
23 ft.

ALLSITES:
Name: BRESHON MACHINE
Facility Id: 9531

Name: ALL COTE COATINGS INC
Facility Id: 54832571

AN151 **HERITAGE ENTERPRISES INC** **WA ALLSITES** **1007078070**
East **1321 E 26TH ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.413 mi.
2181 ft. **Site 2 of 3 in cluster AN**

Relative:
Higher

Actual:
43 ft.

ALLSITES:
Name: HERITAGE ENTERPRISES INC
Facility Id: 5478619

FINDS:
Registry ID: 110015547540

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AP152 **JOHNNYS DOCK MARINA** **WA ALLSITES** **S109552363**
NW **1900 E D ST** **WA SPILLS** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.413 mi.
2181 ft. **Site 1 of 2 in cluster AP**

Relative:
Lower

Actual:
9 ft.

ALLSITES:
Name: JOHNNYS DOCK MARINA
Facility Id: 1511390

SPILLS:
Name: V/ HALE VICTOR
Address: 1900 E D ST
City,State,Zip: TACOMA, WA
Facility ID: 656962
Medium: SURFACE WATER-MARINE
Material Desc: DUST
Material Qty: 1
Material Units: OTHER
Date Received: 05/22/2015

JOHNNYS DOCK MARINA (Continued) **S109552363**

Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

AJ153 **ALMAR INC TACOMA** **WA ALLSITES** **1001490567**
West **119 1/2 PUYALLUP AVE** **RCRA NonGen / NLR** **WAD988473948**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.414 mi. **ECHO**
2188 ft. **Site 3 of 3 in cluster AJ**

Relative:
Higher

Actual:
51 ft.

ALLSITES:

Name:	ALMAR INC TACOMA
Facility Id:	32972784

RCRA Listings:

Date Form Received by Agency:	1998-09-25 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Handler Address:	119 1/2 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988473948
Contact Name:	MIKE FIEVEZ
Contact Address:	2301 E DOCK ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-572-2877
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2301 E DOCK ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ALMAR INC
Owner Type:	Private
Operator Name:	FIEVEZ, ROBERT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

ALMAR INC TACOMA (Continued) **1001490567**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 16:45:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private

ALMAR INC TACOMA (Continued) **1001490567**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT F
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private

ALMAR INC TACOMA (Continued) **1001490567**

Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333-9711
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT F
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

ALMAR INC TACOMA (Continued) **1001490567**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-25 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-01-17 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-05 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-09 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

ALMAR INC TACOMA (Continued) **1001490567**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110008221619

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490567
Registry ID:	110008221619
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008221619
Name:	ALMAR INC TACOMA
Address:	119 1/2 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98402

AN154 **TACOMA MOVING & STORAGE** **WA ALLSITES** **S109824305**
East **1314 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.419 mi.
2210 ft. **Site 3 of 3 in cluster AN**

Relative:
Higher

Actual:
53 ft.

ALLSITES:

Name:	TACOMA MOVING & STORAGE
Facility Id:	856

AQ155 **TAFT & COMPANY** **WA LUST** **U003354610**
ENE **1247 PUYALLUP AVENUE** **WA UST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.420 mi. **WA CSCSL NFA**
2219 ft. **Site 1 of 3 in cluster AQ**

Relative:
Lower

Actual:
20 ft.

LUST:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	70168999
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6536
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	11/19/1992
Lust Date:	10/10/2000
Region:	Southwest
Lust ID:	2423
UST ID:	4667
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2427112 / -122.41482

UST:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421
Facility ID:	70168999
Site Id:	4667
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2427112176462
Decimal Longitude:	-122.414827320403
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

TAFT & COMPANY (Continued) **U003354610**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

TAFT & COMPANY (Continued) **U003354610**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TAFT & COMPANY
Facility Id:	70168999

CSCSL NFA:

Name:	TAFT & COMPANY

TAFT & COMPANY (Continued) **U003354610**

Address:	1247 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	70168999
CS Id:	6536
NFA Date:	10/10/2000
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242711218
Longitude:	-122.41482732

AQ156 **TAFT & COMPANY** **WA VCP** **S124435613**
ENE **1247 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.420 mi.
2219 ft. **Site 2 of 3 in cluster AQ**

Relative:
Lower

Actual:
20 ft.

VCP:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	70168999
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-10-10
Rank:	Not reported
Cleanup Siteid:	6536
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AQ157 **WASHINGTON TEXTILE COMPANY** **WA ICR** **S104782963**
ENE **1247 PUYALLUP AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.420 mi.
2219 ft. **Site 3 of 3 in cluster AQ**

Relative:
Lower

Actual:
20 ft.

ICR:

Date Ecology Received Report:	12/02/93
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western

WASHINGTON TEXTILE COMPANY (Continued) **S104782963**

Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Underground Storage Tank Removal
Date Ecology Received Report:	08/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Tank Removal, Site Assessment, and Cleanup

AR158 **STANDARD CHEMICAL CO SITE** **WA HSL** **S105430831**
WNW **2159 DOCK ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA INST CONTROL**
0.423 mi. **WA ALLSITES**
2235 ft. **Site 1 of 2 in cluster AR**

Relative:
Higher

Actual:
29 ft.

HSL:

Name:	STANDARD CHEMICAL CO SITE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	85776142
Rank:	0
Region:	SW
EDR Link ID:	85776142
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	85776142
Region:	Southwest
Lat/Long:	47.242642985034 / -122.4330109690
Clean Up Siteid:	4375
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Phenolic Compounds
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

INST CONTROL:
Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility Site ID: 85776142
Latitude: 47.242642985
Longitude: -122.43301097
Instrument Type: Environmental Covenant

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/11/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2022000021
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	True

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	True
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001832
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0050630206e+011
Filing Date Of Individual IC Doc:	06/30/2005
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001832
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	STANDARD CHEMICAL CO SITE
Facility Id:	85776142

AS159	**BROWN & HALEY INC FACTORY SITE TACOMA**	**WA ALLSITES**	**1004613541**
WSW	**110 E 26TH ST**	**RCRA NonGen / NLR**	**WAD043450014**
1/4-1/2	**TACOMA, WA 98421**	**FINDS**	
0.424 mi.		**ECHO**	
2238 ft.	**Site 1 of 3 in cluster AS**	**WA ASBESTOS**	

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Facility Id:	66127836

RCRA Listings:

Date Form Received by Agency:	2005-04-21 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Handler Address:	110 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD043450014
Contact Name:	LESLIE DIX JR
Contact Address:	110 E 26TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-620-3054
Contact Fax:	Not reported
Contact Email:	LESDIX@BROWN-HALEY.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	110 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	BROWN HALEY INC
Owner Type:	Private
Operator Name:	BROWN HALEY INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:34:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY I B
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1596
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1596
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY I B
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-21 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-28 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-03 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-25 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-14 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-27 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	31133
NAICS Description:	CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Registry ID: 110005320161

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
OSHA ESTABLISHMENT
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110070345555

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004613541
Registry ID:	110005320161
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005320161
Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Address:	110 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

ASBESTOS:

Name:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Address:	110 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	55899##1365Assur381947
Notice Date:	01/06/2012
Start Date:	01/07/2012
Completion Date:	01/07/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Assured Quality Environmental, (ABCN00001365)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602215666
Notice type:	Emergency
Project Type:	Other linear footage
Supervisor:	Gonzo Sanchez ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	110 EAST 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	57614##1365Assur425326
Notice Date:	03/16/2012
Start Date:	03/26/2012
Completion Date:	03/26/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Assured Quality Environmental, (ABCN00001365)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602215666
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Other linear footage
Supervisor:	Gonzo Sanchez ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	96191
Form ID:	96656##1022FSGSS811720
Notice Date:	02/18/2015
Start Date:	02/17/2015
Completion Date:	02/17/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Comments:	Project completed 2-17-15
Date Time Submitted:	2015-02-18 08:43:20
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	96191
Form ID:	96657##1022FSGSS811720
Notice Date:	02/18/2015
Start Date:	02/17/2015
Completion Date:	02/17/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project completed 2-17-15
Date Time Submitted:	2015-02-18 08:43:39
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Parent ID:	0
Form ID:	96191##1022FSGSS980631
Notice Date:	02/05/2015
Start Date:	02/17/2015
Completion Date:	02/27/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-02-05 10:36:38
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137793#1965987615
Notice Date:	02/13/2019
Start Date:	02/13/2019
Completion Date:	02/14/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Emergency
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Vladislav Lazarov (2019022524A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 EAST 26TH ST.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	124633#2009573008
Notice Date:	06/18/2018
Start Date:	06/04/2018
Completion Date:	06/22/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Other Square Footage
Supervisor:	Forrest Hamilton (2019032875A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 EAST 26TH ST.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	124633#2009573008
Notice Date:	05/22/2018
Start Date:	06/04/2018
Completion Date:	06/29/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Other Square Footage
Supervisor:	Forrest Hamilton (2019032875A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

AT160 West 1/4-1/2 0.427 mi. 2252 ft. | **PUGET SOUND TIRE 102 PUYALLUP RD TACOMA, WA 98421** | **WA ALLSITES** | **S110276429 N/A**

Site 1 of 3 in cluster AT

Relative: Higher
Actual: 54 ft.

ALLSITES:

Name:	EAGLE TIRE & AUTO TACOMA
Facility Id:	23676
Name:	PUGET SOUND TIRE
Facility Id:	95895443

AU161 NNW 1/4-1/2 0.427 mi. 2254 ft. | **SUPERVALU HOLDINGS INC 448 E 18TH ST TACOMA, WA 98421** | **WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA MANIFEST** | **U003354622 N/A**

Site 1 of 2 in cluster AU

Relative: Lower
Actual: 8 ft.

LUST:

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781
Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Other Non-Halogenated Organics

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Benzene
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

SUPERVALU HOLDINGS INC (Continued) **U003354622**

ALLSITES:

Name:	SUPERVALU INC PRODUCE
Facility Id:	66615685

CSCSL NFA:

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

SPILLS:

Name:	TACOMA POWER
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	547308
Medium:	Not reported
Material Desc:	PETROLEUM - MINERAL OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	04/07/2005
Contact Name:	POST
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	SUPERVALU HOLDINGS INC

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU HOLDINGS INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Legal Address 2:		Not reported
Legal City,State,Zip:		Boise, ID 83726
Legal Phone Number:		(208)395-4793
Legal Effective Date:		12/01/1995
Land Organization Name:		Supervalu Holdings Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		PO Box 20 Dept 81014
Land City,State,Zip:		Boise, ID 83726
Land Phone Number:		(208)395-4793
Operator Organization Name:		Supervalu Holdings Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		PO Box 20 Dept 81014
Operator Address 2:		Not reported
Operator City,State,Zip:		Boise, ID 83726
Operator Phone Number:		(208)395-4793
Operator Effective Date:		12/01/1995
Site Contact:		Not reported
Site Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Site Contact Phone Number:		Not reported
Site Contact Email:		Not reported
Gen Status Code:		SQG
Monthly Generation:		False
Batch Generation:		True
One Time Generation:		False
Transport Own Waste:		False
Tranports Other Waste:		False
Recycler Onsite:		False
Transfer Facility:		False
Other Exemption:		Not reported
UW Battery Gen:		False
Used Oil Transporter:		False
Used Oil Transfer Facility:		False
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		SUPERVALU HOLDINGS INC
Address:		448 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1507
Facility Address 2:		Not reported
Facility ID:		66615685
EPA ID:		WAH000050368
NAICS:		493120
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001,D002	
Form Comm:		Not reported
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Dept 81014
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-Listed Ignitable (D001)
CORb Sequence Number:	155875
Sequence Number:	3402094
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21.8500000
Quanity Unit:	LB
Kilograms Quanity:	9.91116017
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

SUPERVALU HOLDINGS INC (Continued) **U003354622**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-Listed Corrosive (D002)
CORb Sequence Number:	155875
Sequence Number:	3402095
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	145.650000
Quanity Unit:	LB
Kilograms Quanity:	66.0668411
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-RCRA Liquids & Solids (WT02)
CORb Sequence Number:	155875
Sequence Number:	3402096
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4778
Quanity Unit:	LB
Kilograms Quanity:	2167.30083
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	1975764
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	9.05000000
Unit of Measure:	LB
Kilograms Quanity:	4.10508007
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402094
Sequence Number:	1975763
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	12.8000000
Unit of Measure:	LB
Kilograms Quanity:	5.80608009
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402095
Sequence Number:	1975765

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	145.650000
Unit of Measure:	LB
Kilograms Quanity:	66.0668411
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402096
Sequence Number:	1975766
Shipment Date:	2015-11-30 00:00:00
Mainfest Document ID:	008603551FLE
Reported Quanity:	4778
Unit of Measure:	LB
Kilograms Quanity:	2167.30083
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	897384
Received EPAID:	WAD020257945
Managed Quanity:	9.05000000
Kilogram Quanity:	4.10508007
Recycled Percentage:	0
Waste Management System Code:	H050
Waste Sequence Number:	3402094
Sequence Number:	897383
Received EPAID:	WAD020257945
Managed Quanity:	12.8000000
Kilogram Quanity:	5.80608009
Recycled Percentage:	0
Waste Management System Code:	H010
Waste Sequence Number:	3402095
Sequence Number:	897385
Received EPAID:	WAD020257945
Managed Quanity:	145.650000
Kilogram Quanity:	66.0668411
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	3402096
Sequence Number:	897386
Received EPAID:	WAD020257945
Managed Quanity:	4778
Kilogram Quanity:	2167.30083
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream EPA Code:

CORB Waste Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	7829248
WCDA Code:	D001

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Waste Sequence Number: 3402095
Sequence Number: 7829251
WCDA Code: D002

Waste Stream Source Code:
CORB Waste Sequence Number: 155875
Waste Sequence Number: 3402094
Sequence Number: 1
WCDD Code: G31

Waste Sequence Number: 3402095
Sequence Number: 1
WCDD Code: G31

Waste Sequence Number: 3402096
Sequence Number: 1
WCDD Code: G31

AU162 **WEST COAST FRUIT & PRODUCE** **WA ICR** **S104488074**
NNW **448 E. 18TH ST.** **N/A**
1/4-1/2 **TACOMA, WA 98401**
0.427 mi.
2254 ft. **Site 2 of 2 in cluster AU**

Relative:
Lower

Actual:
8 ft.

ICR:
Date Ecology Received Report: 07/23/92
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-29
County Code: 27
Contact: Not reported
Report Title: Not reported

AO163 **LILYBLAD PETROLEUM INC EPA 25T** **WA SWF/LF** **1000441154**
East **1313 E 25TH ST** **WA ALLSITES** **WAD980833586**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.428 mi. **FINDS**
2259 ft. **Site 2 of 2 in cluster AO** **ECHO**

Relative:
Higher

Actual:
23 ft.

SWF/LF:
Name: NU-TREAD TIRES LLC
Address: 1313 E 25TH
City,State,Zip: TACOMA, WA 98421
Facility ID: 2157
Region: STATE
Permit Status: Recycle Survey
Contact Organization: Nu-Tread Tires LLC
Contact Address1: 1313 E 25th
Contact Address2: Not reported
Contact City: Tacoma
Contact State: WA
Contact Postal: 98421

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Contact EMail:	Not reported
Contact Phone:	(253) 572-9063
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	(253) 572-9063
Operator Name:	Not reported
Operator Organization:	Nu-Tread Tires LLC
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	1591
Ownership:	Not reported
Facility Type:	Recycling (non-regulated)
Contact Name:	Tom Smitham
Contact Title:	Owner
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	LILYBLAD PETROLEUM INC EPA 25T
Facility Id:	82343515

RCRA Listings:

Date Form Received by Agency:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Handler Address:	1313 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD980833586
Contact Name:	LILYBLAD PETROL LILYBLAD PETROL
Contact Address:	PO BOX 1381
Contact City,State,Zip:	TACOMA, WA 98401-1381
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1381
Mailing City,State,Zip:	TACOMA, WA 98401-1381
Owner Name:	LILYBLAD PETROL L
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Not reported
Groundwater Controls Indicator:	Not reported
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LILYBLAD PETROL L
Legal Status:	Private

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LILYBLAD PETROLEUM INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325188
NAICS Description: ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005334575

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000441154
Registry ID: 110005334575
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005334575
Name: LILYBLAD PETROLEUM INC EPA 25T
Address: 1313 E 25TH ST
City,State,Zip: TACOMA, WA 98421

AL164 **BETTE MCBRIER** **WA CSCSL** **U003750415**
East **1320 PUYALLUP AVE** **WA UST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.428 mi. **WA ASBESTOS**
2261 ft. **Site 6 of 6 in cluster AL**

Relative:
Higher

Actual:
23 ft.

CSCSL:
Name: BETTE MCBRIER
Address: 1320 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 64297321
Region: Southwest

BETTE MCBRIER (Continued) **U003750415**

Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	64297321
Site Id:	508059
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2418832483
Decimal Longitude:	-122.414443744

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BETTE MCBRIER
Facility Id:	64297321

ASBESTOS:

Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	118115
Form ID:	119152##1210Therm188302
Notice Date:	07/12/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure

BETTE MCBRIER (Continued) **U003750415**

Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	ON HOLD Tuesday 7-12-16 at 730am
Date Time Submitted:	2016-07-12 07:28:43
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020

BETTE MCBRIER (Continued) **U003750415**

Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	118115##1210Therm574516
Notice Date:	06/21/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-21 10:14:29
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	118115
Form ID:	132436##1210Therm208225
Notice Date:	09/16/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016

BETTE MCBRIER (Continued) **U003750415**

Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	This project was completed.
Date Time Submitted:	2016-09-16 15:57:04
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

AP165 **TACOMA FIXTURE CO.** **WA ALLSITES** **1000334216**
NW **1815 E D ST** **RCRA NonGen / NLR** **WAD099045353**
1/4-1/2 **TACOMA, WA 98421** **ICIS**
0.429 mi. **US AIRS**
2266 ft. **Site 2 of 2 in cluster AP** **WA MANIFEST**
WA NPDES

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	TACOMA FIXTURE COMPANY
Facility Id:	6212892

RCRA Listings:

Date Form Received by Agency:	2007-04-07 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Handler Address:	1815 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD099045353
Contact Name:	JASON WYNIA
Contact Address:	1815 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-831-6249
Contact Fax:	Not reported
Contact Email:	DAD2BG@AOL.COM
Contact Title:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1815 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	HOME ELECTRIC
Owner Type:	Private
Operator Name:	TACOMA FIXTURE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:24:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA FIXTURE CO INC

TACOMA FIXTURE CO. (Continued) **1000334216**

Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN B
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-431-6696
Owner/Operator Telephone Ext:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1505
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN K
Legal Status:	Private

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1505
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-08-18 00:00:00.0
Handler Name:	TACOMA FIXTURE INC

TACOMA FIXTURE CO. (Continued) **1000334216**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-07 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-06 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Receive Date:	1999-01-20 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-19 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-08-18 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-05 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	TACOMA FIXTURE COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-01 00:00:00.0
Handler Name:	TACOMA FIXTURE COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-02-25 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC

TACOMA FIXTURE CO. (Continued) **1000334216**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	321911
NAICS Description:	WOOD WINDOW AND DOOR MANUFACTURING

NAICS Code:	33711
NAICS Description:	WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

NAICS Code:	337129
NAICS Description:	WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0
Actual Return to Compliance Date:	2003-12-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-12-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Identifier: 000
Date of Enforcement Action: 1998-01-15 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: WA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WANAS
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2003-10-28 00:00:00.0
Actual Return to Compliance Date: 2003-10-28 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAAME
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-10-28 00:00:00.0

TACOMA FIXTURE CO. (Continued) **1000334216**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANDL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-12-15 00:00:00.0
Scheduled Compliance Date:	2003-12-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ICIS:

Enforcement Action ID:	WAPSCAI000000000000000085
FRS ID:	110000774387
Action Name:	3-007451 NOV

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000033
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000033
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000030
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000030
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Action ID:	WAPSCA0000530530017000027
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000027
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000022
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000022
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000020
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000020
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000018
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000018
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000015
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000015
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000013
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000013
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606

TACOMA FIXTURE CO. (Continued) **1000334216**

Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000006
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000006
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000005
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000005
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: 10-1995-0098
FRS ID: 110000774387
Action Name: TACOMA FIXTURE COMPANY, INC.
Facility Name: TACOMA FIXTURE CO.
Facility Address: 1815 E D ST
TACOMA, WA 98421-1598
Enforcement Action Type: EPCRA 325 Action For Penalty
Facility County: PIERCE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 325

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility SIC Code:	2434
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.246677
Longitude in Decimal Degrees:	-122.430657
Permit Type Desc:	Not reported
Program System Acronym:	9048
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

US AIRS (AFS):
Envid: 1000334216
Region Code: 10
County Code: WA053
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
D and B Number: Not reported
Facility Site Name: TACOMA FIXTURE CO INC
Primary SIC Code: Not reported
NAICS Code: 321918
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-06-12 00:00:00
Activity Status Date: 2015-10-14 17:09:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2016-08-30 00:00:00
Activity Status Date: 2016-10-11 11:31:46
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-07-13 00:00:00
Activity Status Date: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-04-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2014-04-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2011-07-20 00:00:00
Activity Status Date:	2011-07-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI

TACOMA FIXTURE CO. (Continued) **1000334216**

Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-07 00:00:00
Activity Status Date:	2012-06-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2015-09-16 00:00:00
Activity Status Date:	2015-09-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-01-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-05-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1999-05-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2000-06-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-01-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-01-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-05-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-08-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-07-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-01-09 00:00:00
Activity Status Date:	2008-01-09 00:00:00
Activity Group:	Enforcement Action

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-02-03 00:00:00
Activity Status Date:	1998-02-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-05-19 00:00:00
Activity Status Date:	1998-05-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-11-15 00:00:00
Activity Status Date:	2005-11-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-05-12 00:00:00
Activity Status Date:	2006-05-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Date:	2007-08-28 00:00:00
Activity Status Date:	2007-08-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-03 00:00:00
Activity Status Date:	2008-07-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-25 00:00:00
Activity Status Date:	2010-08-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

WA MANIFEST:

Name:	TACOMA FIXTURE INC
Address:	1815 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6212892
EPA ID:	WAD099045353
NAICS:	337129
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE

TACOMA FIXTURE CO. (Continued) **1000334216**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	#312
Tax Reg #:	278039348
Business Type:	cabinet manufacturing
Mail Name:	Tacoma Fixture Co Inc
Mailing Address:	1815 E D St
Mailing City,State,Zip:	TACOMA, WA 98421-1505
Legal Organization Name:	Home Electric
Legal Organization Type:	Private
Legal Contact:	John Backus
Legal Address:	2366 Eastlake Ave E
Legal Address 2:	#312
Legal City,State,Zip:	Seattle, WA 98102
Legal Phone Number:	(206)324-0964
Legal Effective Date:	Not reported
Land Organization Name:	Home Electric
Land Organization Type:	Private
Land Contact:	John Backus
Land Address:	2366 Eastlake Ave E
Land City,State,Zip:	Seattle, WA 98102
Land Phone Number:	(206)324-0964
Operator Organization Name:	Tacoma Fixture Inc
Operator Organization Type:	Private
Operator:	John Kroll
Operator Address:	1815 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1505
Operator Phone Number:	(253)831-6249
Operator Effective Date:	Not reported
Site Contact:	John Kroll
Site Contact Address:	1815 E D St
Contact City,State,Zip:	TACOMA, WA 98421-1505
Site Contact Phone Number:	(253)831-6249
Site Contact Email:	dad2bg@aol.com
Gen Status Code:	SQG
Monthly Generation:	TRUE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	TACOMA FIXTURE CO INC
Address:	1815 E D ST
City,State,Zip:	TACOMA, WA 98421

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR008709
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

166
WNW
1/4-1/2
0.430 mi.
2269 ft.

THEA FOSS WATERWAY ESPLANADE SITE 1 **WA ALLSITES** **S110040699**
2101 DOCK ST **N/A**
TACOMA, WA 98405

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	THEA FOSS WATERWAY ESPLANADE SITE 1
Facility Id:	24929

167
West
1/4-1/2
0.433 mi.
2284 ft.

SPRING BACK MATTRESS RECYCLING **WA SWF/LF** **S114402464**
2301 DOCK STREET **WA SWRCY** **N/A**
TACOMA, WA 98421

Relative:
Higher

Actual:
45 ft.

SWF/LF:

Name:	SPRING BACK MATTRESS RECYCLING
Address:	2301 DOCK STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2732
Region:	STATE
Permit Status:	Exempt
Contact Organization:	NW Furniture Bank DBA Springback Mattress Recyclin
Contact Address1:	Po Box 307
Contact Address2:	Not reported
Contact City:	Wauna
Contact State:	WA
Contact Postal:	98395
Contact EMail:	jsimler@springbackrecycling.org
Contact Phone:	(253) 627-1290
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-627-1290
Operator Name:	Jeremy Simler
Operator Organization:	NW Furniture Bank DBA Springback Mattress Recyclin
Operator EMail:	jsimler@springbackrecycling.org
Operator Title:	Project Manager
Recycle Survey Code:	Not reported
Ownership:	PRIVATE

SPRING BACK MATTRESS RECYCLING (Continued) **S114402464**

Facility Type:	Material Recovery Facility (exempt)
Contact Name:	Jeremy Simler
Contact Title:	Project Manager
Year Closed:	Not reported
Open to Public Flag:	No
Website:	www.nwfuniturebank.org
Latitude:	Not reported
Longitude:	Not reported

SWRCY:

Name:	SPRING BACK MATTRESS RECYCLING NW
Address:	2301 DOCK ST
City,State,Zip:	TACOMA, WA 98421
Phone:	(253) 302-3868
Website:	http://www.springbackrecycling.com/locations/tacoma/
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri, 9am-4pm; Sat, 9am-2pm
Comments:	Located behind the NW Furniture Bank. $10 fee per piece for drop off.
Material Category:	Home & Garden
Organization ID:	1509
Organization Name:	Spring Back Mattress Recycling NW
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

Name:	SPRING BACK MATTRESS RECYCLING NW
Address:	2301 DOCK ST
City,State,Zip:	TACOMA, WA 98421
Phone:	(253) 302-3868
Website:	http://www.springbackrecycling.com/locations/tacoma/
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Pickup
Hours:	Mon-Fri, 9am-4pm; Sat, 9am-2pm
Comments:	Pickup within 15 mile radius. $20 fee per piece.
Material Category:	Home & Garden
Organization ID:	1509
Organization Name:	Spring Back Mattress Recycling NW
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

168
NNW
1/4-1/2
0.441 mi.
2327 ft.

SUPERVALU INC BLDG 103
420 E 18TH ST
TACOMA, WA 98401

WA ALLSITES **S107153551**
WA SPILLS **N/A**
WA MANIFEST

Relative:
Lower

Actual:
7 ft.

ALLSITES:

Name:	SUPERVALU INC BLDG 103
Facility Id:	782981

SUPERVALU INC BLDG 103 (Continued) **S107153551**

SPILLS:

Name:	Not reported
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	549616
Medium:	Not reported
Material Desc:	PETROLEUM - WASTE/USED OIL
Material Qty:	1
Material Units:	QUART
Date Received:	07/27/2005
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	SPINNING HEADS INC
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	782981
EPA ID:	WAH000046976
NAICS:	325411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603352074
Business Type:	Cannabis Production

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Mail Name:	Spinning Heads Inc
Mailing Address:	1122 E Pike St
Mailing City,State,Zip:	Seattle, WA 98122
Legal Organization Name:	Spinning Heads Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1122 E Pike St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98122
Legal Phone Number:	253-219-5457
Legal Effective Date:	Not reported
Land Organization Name:	Times Four LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	719 K St
Land City,State,Zip:	Centralia, WA 98531-3031
Land Phone Number:	000-000-0000
Operator Organization Name:	Spinning Heads Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1122 E Pike St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98122
Operator Phone Number:	253-219-5457
Operator Effective Date:	Not reported
Site Contact:	Mark Duncan
Site Contact Address:	420 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-219-5457
Site Contact Email:	mduncan460@gmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SPINNING HEADS INC
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	782981
EPA ID:	WAH000046976
NAICS:	325411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Form Comm:	We use acetone, isopropyl alcohol and ethanol alcohol
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603352074
Business Type:	Cannabis Production
Mail Name:	Spinning Heads Inc
Mailing Address:	1122 E Pike St
Mailing City,State,Zip:	Seattle, WA 98122
Legal Organization Name:	Spinning Heads Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1122 E Pike St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98122
Legal Phone Number:	253-219-5457
Legal Effective Date:	Not reported
Land Organization Name:	Times Four LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	719 K St
Land City,State,Zip:	Centralia, WA 98531-3031
Land Phone Number:	000-000-0000
Operator Organization Name:	Spinning Heads Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1122 E Pike St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98122
Operator Phone Number:	253-219-5457
Operator Effective Date:	Not reported
Site Contact:	Mark Duncan
Site Contact Address:	420 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-219-5457
Site Contact Email:	mduncan460@gmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

AV169
West
1/4-1/2
0.450 mi.
2378 ft.

TACOMA COAL GASIFICATION **EDR MGP** **1008408711**
A STREET **N/A**
TACOMA, WA 98402

Site 1 of 4 in cluster AV

Relative:
Higher

Actual:
47 ft.

Manufactured Gas Plants:
Alternate Name:TACOMA GAS AND ELECTRIC LIGHT WORKS; TACOMA GAS COMPANY. No additional information available

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170
NNW
1/4-1/2
0.453 mi.
2390 ft.

SUPERVALU INTERNATIONAL WAREHOUSE **WA ALLSITES** **S110038720**
1801 E D ST **N/A**
TACOMA, WA 98421

Relative:
Lower

Actual:
6 ft.

ALLSITES:
Name: SUPERVALU INTERNATIONAL WAREHOUSE
Facility Id: 7821

AV171
West
1/4-1/2
0.456 mi.
2406 ft.

PSE TACOMA **WA ALLSITES** **1008903760**
2205 A ST **FINDS** **N/A**
TACOMA, WA 98402 **ECHO**

Site 2 of 4 in cluster AV

Relative:
Higher

Actual:
48 ft.

ALLSITES:
Name: PSE TACOMA
Facility Id: 6899827

FINDS:
Registry ID: 110022900716

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

PSE TACOMA (Continued) **1008903760**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008903760
Registry ID:	110022900716
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110022900716
Name:	PSE TACOMA
Address:	2205 A ST
City,State,Zip:	TACOMA, WA 98402

172
WNW
1/4-1/2
0.456 mi.
2408 ft.

Relative:
Lower

Actual:
15 ft.

TACOMA REDEVELOPMENT PROP
THEA FOSS WATERWAY
TACOMA, WA 98402

WA HSL **S100836520**
WA CSCSL **N/A**
WA INST CONTROL
WA BROWNFIELDS
WA ALLSITES
WA SPILLS

HSL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	1263
Rank:	0
Region:	SW
EDR Link ID:	1263
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Asbestos
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Conventional Contaminants, Inorganic
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Contaminant Name: Conventional Contaminants, Organic
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Corrosive Wastes
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Remediated
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Halogenated Organics
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals - Other
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Pesticides-Unspecified
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Phenolic Compounds
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/11/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Not reported
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Not reported
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070227086e+011
Filing Date Of Individual IC Doc:	02/27/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002131
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070124077e+011
Filing Date Of Individual IC Doc:	01/24/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Tidelands, no parcel #
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070124077e+011
Filing Date Of Individual IC Doc:	01/24/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Tidelands, no parcel #
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0080114015e+011
Filing Date Of Individual IC Doc:	01/14/2008
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001613
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil; Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0080114016e+011
Filing Date Of Individual IC Doc:	01/14/2008
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001614
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0061006069e+011
Filing Date Of Individual IC Doc:	10/06/2006
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001971
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007050103e+011
Filing Date Of Individual IC Doc:	05/01/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000690
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007050103e+011
Filing Date Of Individual IC Doc:	05/01/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000700
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007012503e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000690
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	20070125098
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000700
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001832
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001791
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001761
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001822
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070201055e+011
Filing Date Of Individual IC Doc:	02/01/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001572
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070322038e+011
Filing Date Of Individual IC Doc:	03/22/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001052
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070322038e+011
Filing Date Of Individual IC Doc:	03/22/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000990, 8950000680
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070125068e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	0320041028, 8950001601
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070125068e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	320092019
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070202018e+011
Filing Date Of Individual IC Doc:	02/02/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001626
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002040
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002050
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002060
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001963
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001881
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001964
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002070
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001851
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2022000021
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	NA, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070122058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

BROWNFIELDS:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Asbestos
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Base/Neutral/Acid Organics
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Conventional Contaminants, Inorganic
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Conventional Contaminants, Organic
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Corrosive Wastes
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Halogenated Organics
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Metals - Other
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Contaminant Type:	Metals Priority Pollutants
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Non-Halogenated Solvents
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Pesticides-Unspecified
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Petroleum Products-Unspecified
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Phenolic Compounds
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Polychlorinated biPhenyls (PCB)
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Polycyclic Aromatic Hydrocarbons
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

ALLSITES:

Name:	TACOMA REDEVELOPMENT PROP
Facility Id:	1263

SPILLS:

Name:	Not reported
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA
Facility ID:	643372
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	08/23/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Cause Type: Not reported
Resp Party Name: Not reported

AT173 **HOLLAND QUALITY CLEANERS** **WA CSCSL** **1000277356**
West **102 S 24TH ST** **WA LUST** **WAD980981120**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.457 mi. **RCRA NonGen / NLR**
2414 ft. **Site 2 of 3 in cluster AT** **FINDS**
ECHO
Relative: **WA Inactive Drycleaners**
Higher

Actual: **60 ft.**

CSCSL:

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Region:	Southwest
Lat/Long:	47.23982 / -122.43742
Clean Up Siteid:	10614
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Holland Quality Cleaners
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Region:	Southwest
Lat/Long:	47.23982 / -122.43742
Clean Up Siteid:	10614
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Holland Quality Cleaners
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Region: Southwest
Lat/Long: 47.23982 / -122.43742
Clean Up Siteid: 10614
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: Holland Quality Cleaners
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Region: Southwest
Lat/Long: 47.23982 / -122.43742
Clean Up Siteid: 10614
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Holland Quality Cleaners
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10614
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: Holland Quality Cleaners
Response Section: Southwest
Release Date: 06/05/1998
Lust Date: 08/25/2014
Region: Southwest
Lust ID: 4983

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

UST ID:	463158
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

ALLSITES:

Name:	HOLLAND QUALITY CLEANERS
Facility Id:	81634828

RCRA Listings:

Date Form Received by Agency:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Handler Address:	102 S 24TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980981120
Contact Name:	HOLLAND QUALITY HOLLAND QUALITY
Contact Address:	1601 S CENTER ST
Contact City,State,Zip:	TACOMA, WA 98409-7920
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1601 S CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409-7920
Owner Name:	HOLLAND QUALITY H
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2904
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY H
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2904
Owner/Operator Telephone:	000-000-0000

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005337457

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000277356
Registry ID: 110005337457
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005337457
Name: HOLLAND QUALITY CLEANERS
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402

INACTIVE DRYCLEANERS:
Name: HOLLAND QUALITY CLEANERS
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
EPA I: WAD980981120
FS Id: 9094
Facility ID: 9094
NAICS Code: 81232
Fed Waste Code Desc: Not reported
State Waste Code Desc: Not reported
TAX REG NBR: Not reported
BUSINESS TYPE: Not reported
MAIL NAME: Not reported
MAIL LINE1: Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

MAIL LINE2:	Not reported
MAIL CITY:	Not reported
MAIL STATE:	Not reported
MAIL ZIP:	Not reported
MAIL COUNTRY:	Not reported
LEGAL ORG NAME:	Not reported
LEGAL PERSON FIRST NAME:	Not reported
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Not reported
LEGAL LINE1:	Not reported
LEGAL LINE2:	Not reported
LEGAL CITY:	Not reported
LEGAL STATE:	Not reported
LEGAL ZIP:	Not reported
LEGAL COUNTRY:	Not reported
LEGAL PHONE NBR:	Not reported
LEGAL EFFECTIVE DATE:	Not reported
LEGAL ORGANIZATION TYPE:	Not reported
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Not reported
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Not reported
LAND LINE1:	Not reported
LAND LINE2:	Not reported
LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported
OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported
TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported
GEN MARKET TO BURNER:	Not reported
GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported
UW THERMOSTATS ACCUM:	Not reported
UW MERCURY ACCUM:	Not reported
UW LAMPS ACCUM:	Not reported
UW DESTINATION FACILITY:	Not reported
OFF SPEC UTILITY BOILER:	Not reported
OFF SPEC INDUSTRY BOILER:	Not reported
OFF SPEC FURNACE:	Not reported
USED OIL TRANSPORTER:	Not reported
USED OIL TRANSFER FACILITY:	Not reported
USED OIL PROCESSOR:	Not reported
USED OIL REREFINER:	Not reported
USED OIL FUEL MARKETER DIR SHIPMENTS:	Not reported
USED OIL FUEL MARKETER MEETS SPECS:	Not reported
ECO Int Type Code:	Not reported
Status Code:	Not reported
Start Date:	Not reported
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Latitude: Not reported
Longitude: Not reported
Comments: Not reported

AT174 **ACTION BUSINESS FURNITURE** **WA UST** **U003378515**
West **102 S 24TH ST** **WA ICR** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.457 mi.
2414 ft. **Site 3 of 3 in cluster AT**

Relative:
Higher

Actual:
60 ft.

UST:

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City:	TACOMA
Zip:	98402
Facility ID:	81634828
Site Id:	463158
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23982
Decimal Longitude:	-122.43742
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	07/15/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-06
County Code:	27

ACTION BUSINESS FURNITURE (Continued) **U003378515**

Contact: Not reported
Report Title: Not reported

AS175 **SOUND TRANSIT TACOMA** **WA HSL** **S107565974**
WSW **115 S 26TH ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.459 mi. **WA MANIFEST**
2424 ft. **Site 2 of 3 in cluster AS**

Relative:
Higher

Actual:
77 ft.

HSL:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	7912006
Rank:	2
Region:	SW
EDR Link ID:	7912006
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7912006
Region:	Southwest
Lat/Long:	47.238296 / -122.434087
Clean Up Siteid:	1107
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7912006
Region:	Southwest
Lat/Long:	47.238296 / -122.434087
Clean Up Siteid:	1107
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents

SOUND TRANSIT TACOMA (Continued) **S107565974**

Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 7912006
Region: Southwest
Lat/Long: 47.238296 / -122.434087
Clean Up Siteid: 1107
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 7912006
Region: Southwest
Lat/Long: 47.238296 / -122.434087
Clean Up Siteid: 1107
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

SOUND TRANSIT TACOMA (Continued) **S107565974**

ALLSITES:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Facility Id:	7912006

WA MANIFEST:

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St

SOUND TRANSIT TACOMA (Continued) **S107565974**

Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development

SOUND TRANSIT TACOMA (Continued) **S107565974**

Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F001,D008
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St

SOUND TRANSIT TACOMA (Continued) **S107565974**

Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Soil contaminated with PCE
CORb Sequence Number:	135033
Sequence Number:	2656634
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48500
Quanity Unit:	LB
Kilograms Quanity:	21999.6003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Soil contaminated with Lead
CORb Sequence Number:	135033
Sequence Number:	2656638
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1687950
Quanity Unit:	LB
Kilograms Quanity:	765654.133
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	135033
Waste Sequence Number:	2656638
Sequence Number:	1324876
Shipment Date:	2011-04-07 00:00:00
Mainfest Document ID:	27601
Reported Quanity:	2050
Unit of Measure:	LB
Kilograms Quanity:	929.880015
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324881
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968059
Reported Quanity:	64950
Unit of Measure:	LB
Kilograms Quanity:	29461.3205
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324883
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968056
Reported Quanity:	65050
Unit of Measure:	LB
Kilograms Quanity:	29506.6805
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324873
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968078
Reported Quanity:	68050
Unit of Measure:	LB
Kilograms Quanity:	30867.4805
Receiving EPAID:	ORD089452353

SOUND TRANSIT TACOMA (Continued) **S107565974**

Waste Sequence Number:	2656638
Sequence Number:	1324875
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968081
Reported Quanity:	64250
Unit of Measure:	LB
Kilograms Quanity:	29143.8005
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324893
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968063
Reported Quanity:	64750
Unit of Measure:	LB
Kilograms Quanity:	29370.6005
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324877
Shipment Date:	2011-04-06 00:00:00
Mainfest Document ID:	1823336
Reported Quanity:	63100
Unit of Measure:	LB
Kilograms Quanity:	28622.1604
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324894
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968060
Reported Quanity:	63400
Unit of Measure:	LB
Kilograms Quanity:	28758.2404
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324891
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968079
Reported Quanity:	56700
Unit of Measure:	LB
Kilograms Quanity:	25719.1204
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324882
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968065
Reported Quanity:	60550
Unit of Measure:	LB
Kilograms Quanity:	27465.4804
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324874
Shipment Date:	2011-04-25 00:00:00

SOUND TRANSIT TACOMA (Continued) **S107565974**

Mainfest Document ID: 3968075
Reported Quanity: 62750
Unit of Measure: LB
Kilograms Quanity: 28463.4004
Receiving EPAID: ORD089452353

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 135033
Waste Sequence Number: 2656638
Sequence Number: 653639
Received EPAID: ORD089452353
Managed Quanity: 2050
Kilogram Quanity: 929.880015
Recycled Percentage: 0
Waste Management System Code: H112

Waste Sequence Number: 2656638
Sequence Number: 653638
Received EPAID: ORD089452353
Managed Quanity: 1685900
Kilogram Quanity: 764724.253
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2656634
Sequence Number: 653637
Received EPAID: ORD089452353
Managed Quanity: 48500
Kilogram Quanity: 21999.6003
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream EPA Code:
CORB Waste Sequence Number: 135033
Waste Sequence Number: 2656634
Sequence Number: 5870549
WCDA Code: F001

Waste Sequence Number: 2656638
Sequence Number: 5870571
WCDA Code: D008

Name: SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility Address 2: Not reported
Facility ID: 7912006
EPA ID: WAH000026291
NAICS: 485112
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Mailing Address 2: Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District

SOUND TRANSIT TACOMA (Continued) **S107565974**

Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111

SOUND TRANSIT TACOMA (Continued) **S107565974**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes

SOUND TRANSIT TACOMA (Continued) **S107565974**

Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

AS176 **MCMACKEN PROPERTY SOUND TRANSIT TACOMA** **WA VCP** **S124436008**
WSW **115 S 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.459 mi.
2424 ft. **Site 3 of 3 in cluster AS**

Relative:
Higher

Actual:
77 ft.

VCP:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Non-Halogenated Solvents
Soil:	Below Cleanup Levels

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA

MCMACKEN PROPERTY SOUND TRANSIT TACOMA (Continued) **S124436008**

Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

AW177 **TACOMA CITY SIGN SHOP** **WA ALLSITES** **1000697013**
ENE **1423 PUYALLUP AVE** **RCRA NonGen / NLR** **WAD988506820**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.464 mi. **ECHO**
2449 ft. **Site 1 of 3 in cluster AW** **WA MANIFEST**

Relative:
Higher

Actual:
22 ft.

ALLSITES:

Name:	TACOMA CITY SIGN SHOP
Facility Id:	86267137

RCRA Listings:

Date Form Received by Agency:	2013-02-08 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Handler Address:	1423 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988506820
Contact Name:	CHARLENE GALLAGHER
Contact Address:	3510 S MULLEN ST.
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-593-7708
Contact Fax:	Not reported
Contact Email:	CGALLAGH@CITYOFTACOMA.ORG

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST RM 620
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	TACOMA CITY
Owner Type:	Private
Operator Name:	CITY OF TACOMA - SIGN SHOP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:39:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: D026
Waste Description: CRESOL

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Municipal
Date Became Current:	2011-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3731
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS L
Legal Status:	Private

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	2011-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KINGSOLVER, KURTIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY T
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-12 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-26 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-12 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-08 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-29 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-15 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-28 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-04 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-10 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-28 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-11 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Receive Date:	2008-02-26 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-06 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-12 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-07 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23731
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

NAICS Code:	237310
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-04-17 00:00:00.0
Actual Return to Compliance Date:	1992-05-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-05-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJNJ
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-04-17 00:00:00.0
Actual Return to Compliance Date:	1992-04-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-04-17 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-04-17 00:00:00.0
Actual Return to Compliance Date:	1992-06-10 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-06-17 00:00:00.0
Actual Return to Compliance Date:	1992-06-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-08-09 00:00:00.0
Actual Return to Compliance Date:	1992-09-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-09-07 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-08-09 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VERBAL INFORMAL
Enforcement Responsible Person: WAJNJ
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2010-07-08 00:00:00.0
Actual Return to Compliance Date: 2010-08-05 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2010-08-05 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2010-07-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALLM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-05-15 00:00:00.0
Scheduled Compliance Date:	1992-05-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WAJDP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Evaluation Date:	1992-06-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-04-17 00:00:00.0
Scheduled Compliance Date:	1992-04-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-06-10 00:00:00.0
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-06-17 00:00:00.0
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-08-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-09-16 00:00:00.0
Scheduled Compliance Date:	1992-09-07 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2010-08-05 00:00:00.0
Scheduled Compliance Date:	2010-08-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005375771

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

TACOMA CITY SIGN SHOP (Continued) **1000697013**

ECHO:

Envid:	1000697013
Registry ID:	110005375771
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005375771
Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Chris Larson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5538
Operator Effective Date:	01/31/2011
Site Contact:	John Gaddis
Site Contact Address:	1423 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253) 591-7809
Site Contact Email:	jgaddis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Chris Larson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5538
Operator Effective Date:	01/31/2011
Site Contact:	Steve Goolie
Site Contact Address:	1423 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253) 591-5479
Site Contact Email:	sgoolie@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137

TACOMA CITY SIGN SHOP (Continued) **1000697013**

EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Chris Larson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5538
Operator Effective Date:	01/31/2011
Site Contact:	Chris Larson
Site Contact Address:	1423 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253) 591-5538
Site Contact Email:	clarson@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D008, D026,
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Ron Johnson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5286
Operator Effective Date:	03/05/1997
Site Contact:	Ron Johnson
Site Contact Address:	1423 Puyallup Ave
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253)591-5286
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W606
Description:	Hazardous Waste, Liquid, (Creosote).
CORb Sequence Number:	120666
Sequence Number:	2137402
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.08000234057604
Density Number:	0

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paint Related Material
CORb Sequence Number:	120666
Sequence Number:	2137447
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2400
Quanity Unit:	LB
Kilograms Quanity:	1088.6400187246084
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paint Related Material
CORb Sequence Number:	120666
Sequence Number:	2137478
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.968001014249623
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Description:	Hazardous Waste, Solid (Debris with Lead)
CORb Sequence Number:	120666
Sequence Number:	2137489
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.08000234057604
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	120666
Waste Sequence Number:	2137402
Sequence Number:	1022764
Shipment Date:	2/25/2009
Mainfest Document ID:	001782207
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002340576
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2137478
Sequence Number:	1022925
Shipment Date:	2/11/2009
Mainfest Document ID:	001782208
Reported Quanity:	130
Unit of Measure:	LB
Kilograms Quanity:	58.9680010142496
Receiving EPAID:	ARD069748192
Waste Sequence Number:	2137489
Sequence Number:	1022950
Shipment Date:	2/11/2009
Mainfest Document ID:	001782209
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002340576
Receiving EPAID:	UTD991301748
Waste Sequence Number:	2137447
Sequence Number:	1022897
Shipment Date:	2/11/2009
Mainfest Document ID:	001782208
Reported Quanity:	2400
Unit of Measure:	LB
Kilograms Quanity:	1088.64001872461
Receiving EPAID:	ARD069748192

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120666
Waste Sequence Number:	2137402
Sequence Number:	526099
Received EPAID:	UTD981552177
Managed Quanity:	300
Kilogram Quanity:	136.08000234057604

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Recycled Percentage: Not reported
Waste Management System Code: H040

Waste Sequence Number: 2137489
Sequence Number: 526221
Received EPAID: UTD991301748
Managed Quanity: 300
Kilogram Quanity: 136.08000234057604
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2137478
Sequence Number: 526210
Received EPAID: ARD069748192
Managed Quanity: 130
Kilogram Quanity: 58.968001014249623
Recycled Percentage: Not reported
Waste Management System Code: H050

Waste Sequence Number: 2137447
Sequence Number: 526187
Received EPAID: ARD069748192
Managed Quanity: 2400
Kilogram Quanity: 1088.6400187246084
Recycled Percentage: Not reported
Waste Management System Code: H050

Waste Stream Comments:
CORB Waste Sequence Number: 120666
Comments: Reference Questions A-7 and A-8.. This was a 55 gal drum that had very old paint mixed with cat litter and dirt. It was used for a gate stop for many years.
Waste Sequence Number: 2137489
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 120666
Waste Sequence Number: 2137447
Sequence Number: 4622620
WCDA Code: F005

Waste Sequence Number: 2137478
Sequence Number: 4622750
WCDA Code: F005

Waste Sequence Number: 2137478
Sequence Number: 4622749
WCDA Code: F003

Waste Sequence Number: 2137489
Sequence Number: 4623003
WCDA Code: D008

Waste Sequence Number: 2137447
Sequence Number: 4622619
WCDA Code: F003

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Waste Sequence Number: 2137478
Sequence Number: 4622748
WCDA Code: D001

Waste Sequence Number: 2137447
Sequence Number: 4622618
WCDA Code: D001

Waste Sequence Number: 2137402
Sequence Number: 4622450
WCDA Code: D026

Waste Sequence Number: 2137402
Sequence Number: 4622449
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 120666
Waste Sequence Number: 2137478
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2137402
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2137489
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2137447
Sequence Number: 1
WCDD Code: G06

Name: TACOMA CITY SIGN SHOP
Address: 1423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 86267137
EPA ID: WAD988506820
NAICS: 23731
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2008
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Ron Johnson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5286
Operator Effective Date:	03/05/1997
Site Contact:	Ron Johnson
Site Contact Address:	1423 Puyallup Ave
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253)591-5286
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TACOMA CITY SIGN SHOP

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	23731
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D002, D010, D018 and D026
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Ron Johnson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5286
Operator Effective Date:	03/05/1997
Site Contact:	Ron Johnson
Site Contact Address:	1423 Puyallup Ave
Contact City,State,Zip:	TACOMA, WA 98421-2326

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Site Contact Phone Number:	(253)591-5286
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

AR178 **TACOMA COAL GASIFICATION** **EDR MGP** **1008408710**
WNW **E 22ND AND A STS** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.467 mi.
2464 ft. **Site 2 of 2 in cluster AR**

Relative: Higher
Actual: 43 ft.

Manufactured Gas Plants:
Alternate Name:TACOMA GAS AND ELECTRIC LIGHT WORKS; TACOMA GAS COMPANY. No additional information available

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AX179 **POWDER COATING SYSTEMS INC** **WA ALLSITES** **1000659561**
West **109 S 25TH ST** **RCRA NonGen / NLR** **WAD988492351**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.470 mi. **ECHO**
2482 ft. **Site 1 of 2 in cluster AX**

Relative: Higher
Actual: 65 ft.

ALLSITES:

Name:	POWDER COATING SYSTEMS INC
Facility Id:	96432865

RCRA Listings:

Date Form Received by Agency:	1997-07-01 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Handler Address:	109 S 25TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988492351
Contact Name:	JANET BRUCE
Contact Address:	3115 179TH AVE E
Contact City,State,Zip:	SUMNER, WA 98390
Contact Telephone:	253-862-1264
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3115 179TH AVE E
Mailing City,State,Zip:	SUMNER, WA 98390
Owner Name:	BRUCE, JANET M
Owner Type:	Private
Operator Name:	BRUCE, JANET M
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:24:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390-6424
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANET B
Legal Status:	Private
Date Became Current:	1996-10-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANET B
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390-6424
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386-0271
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-07-01 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-04 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332812

POWDER COATING SYSTEMS INC (Continued) **1000659561**

NAICS Description: METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2012-03-07 00:00:00.0
Actual Return to Compliance Date: 2012-03-23 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2012-03-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALLM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Listing - General
Date Violation was Determined:	2012-03-07 00:00:00.0
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2012-03-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-08-13 00:00:00.0
Actual Return to Compliance Date:	2003-09-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-09-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKKM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-03-23 00:00:00.0

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-08-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-09-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005264800

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000659561
Registry ID: 110005264800

POWDER COATING SYSTEMS INC (Continued) **1000659561**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005264800
Name: POWDER COATING SYSTEMS INC
Address: 109 S 25TH ST
City,State,Zip: TACOMA, WA 98402

AV180 **TACOMA COAL GASIFICATION** **WA HSL** **S105430834**
WNW **22ND ST & A ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.471 mi.
2488 ft. **Site 3 of 4 in cluster AV**

Relative:
Higher

Actual:
45 ft.

HSL:

Name:	TACOMA COAL GASIFICATION
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1249
Rank:	0
Region:	SW
EDR Link ID:	1249
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA COAL GASIFICATION
Address:	22ND ST & A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1249
Region:	Southwest
Lat/Long:	47.242623855726 / -122.4346452044
Clean Up Siteid:	3675
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Tacoma Spur
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA COAL GASIFICATION
Address:	22ND ST & A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1249
Region:	Southwest
Lat/Long:	47.242623855726 / -122.4346452044
Clean Up Siteid:	3675

TACOMA COAL GASIFICATION (Continued) **S105430834**

Site Status: Cleanup Started
Contaminant Name: Phenolic Compounds
Alternate Site Names: Tacoma Spur
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA COAL GASIFICATION
Address: 22ND ST & A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1249
Region: Southwest
Lat/Long: 47.242623855726 / -122.4346452044
Clean Up Siteid: 3675
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Tacoma Spur
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA COAL GASIFICATION
Facility Id: 1249

AW181 **AABERGS INC** **WA UST** **U003665866**
ENE **1407 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.472 mi.
2492 ft. **Site 2 of 3 in cluster AW**

Relative:
Lower

Actual:
20 ft.

UST:
Name: AABERGS INC
Address: 1407 PUYALLUP AVE
City: TACOMA
Zip: 98421
Facility ID: 95484178
Site Id: 508112
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.242241

AABERGS INC (Continued) **U003665866**

Decimal Longitude:	-122.412216
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1966
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	AABERGS INC
Address:	1407 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1956
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

AABERGS INC (Continued) **U003665866**

Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: AABERGS INC
Facility Id: 95484178

182
SSE
1/4-1/2
0.473 mi.
2499 ft.

HOOD ST RESERVOIR
3110 I ST S
TACOMA, WA 98409

WA ALLSITES **1001600510**
RCRA NonGen / NLR **WAH000009001**
FINDS
ECHO
WA MANIFEST

Relative:
Higher

Actual:
245 ft.

ALLSITES:
Name: HOOD ST RESERVOIR
Facility Id: 2788228

RCRA Listings:

Date Form Received by Agency:	2019-02-25 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Handler Address:	3110 I ST S
Handler City,State,Zip:	TACOMA, WA 98409
EPA ID:	WAH000009001
Contact Name:	JAMES BOZIC
Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-502-8767
Contact Fax:	Not reported
Contact Email:	JBOZIC@CITYOFTACOMA.ORG
Contact Title:	SENIOR ENVIRONMENTAL SPECIALIST
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	TACOMA PUBLIC UTILITIES
Owner Type:	Municipal
Operator Name:	TACOMA PUBLIC UTILITIES - HOOD ST RESERVOIR
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 18:52:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Operator

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL P
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES - HOOD ST RESERVOIR
Legal Status:	Municipal
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC U T
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-02-29 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-27 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-28 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-05-01 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-07-01 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-08 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-28 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified

HOOD ST RESERVOIR (Continued) **1001600510**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-04-30 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-27 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-29 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-10 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-15 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-25 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22131
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

NAICS Code:	221310
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005395722

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

HOOD ST RESERVOIR (Continued) **1001600510**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600510
Registry ID:	110005395722
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005395722
Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409

WA MANIFEST:

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal

HOOD ST RESERVOIR (Continued) **1001600510**

Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Public Utilities - Hood St Reserv
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

HOOD ST RESERVOIR (Continued) **1001600510**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Jeromy Adams
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8300
Site Contact Email:	jadams2@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

HOOD ST RESERVOIR (Continued) **1001600510**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Jeromy Adams
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8300
Site Contact Email:	jadams2@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		HOOD ST RESERVOIR
Address:		3110 I ST S
City,State,Zip:		TACOMA, WA 98409
Facility Address 2:		Not reported
Facility ID:		2788228
EPA ID:		WAH000009001
NAICS:		221310
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Jeromy Adams
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Samuel R Rupert
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8513
Site Contact Email:	srupert@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Sodium Hydroxide Waste (D002)
CORb Sequence Number:	155430
Sequence Number:	3400181
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	750
Quanity Unit:	GAL
Kilograms Quanity:	4315.44186
Density Number:	1.52
Density Quanity:	SPG

Shipments Send:

CORB Waste Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	1970416
Shipment Date:	2015-08-06 00:00:00
Mainfest Document ID:	012247149FLE
Reported Quanity:	750
Unit of Measure:	GAL
Kilograms Quanity:	4315.44186
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	895286
Received EPAID:	WAD020257945
Managed Quanity:	750
Kilogram Quanity:	4315.44186
Recycled Percentage:	0
Waste Management System Code:	H070

Waste Stream EPA Code:

CORB Waste Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	7817236
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	1
WCDD Code:	G32

AV183 **CARLSON FORMETEC** **WA ALLSITES** **1000292467**
West **2202 A ST** **RCRA NonGen / NLR** **WAD083734780**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.474 mi. **ECHO**
2501 ft. **Site 4 of 4 in cluster AV** **WA MANIFEST**

Relative:
Higher

Actual:
50 ft.

ALLSITES:

Name:	CARLSON FORMETEC INC
Facility Id:	42735245

RCRA Listings:

Date Form Received by Agency:	2018-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Handler Address:	2202 A ST
Handler City,State,Zip:	TACOMA, WA 98042
EPA ID:	WAD083734780
Contact Name:	FORREST DAVIS
Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-627-1903
Contact Fax:	Not reported
Contact Email:	FORRESTDAVIS@OMADAINT.COM
Contact Title:	QUALITY SYSTEMS MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	DBR BLUE SKY III LLC
Owner Type:	Private
Operator Name:	CARLSON FORMETEC INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

CARLSON FORMETEC (Continued) **1000292467**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-04-05 17:24:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

CARLSON FORMETEC (Continued) **1000292467**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CARLSON FORMETEC INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2202 A ST
Owner/Operator City,State,Zip: TACOMA, WA 98042
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CARLSON FORMETEC
Legal Status: Private
Date Became Current: 1996-07-29 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2202 A ST
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 253-627-1903

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC

CARLSON FORMETEC (Continued) **1000292467**

Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-627-1903
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-24 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-22 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Receive Date:	2018-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-11 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-18 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-17 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CARLSON FORMETEC (Continued) **1000292467**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-25 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-20 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CARLSON FORMETEC (Continued) **1000292467**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-28 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-25 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-01-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-06 00:00:00.0
Handler Name:	CARLSON FORMETEC INC

CARLSON FORMETEC (Continued) **1000292467**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-24 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-07-20 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CARLSON FORMETEC (Continued) **1000292467**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-24 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-22 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-06 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-13 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CARLSON FORMETEC (Continued) **1000292467**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-20 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CARLSON FORMETEC (Continued) **1000292467**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC, INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CARLSON FORMETEC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	CARLSON FORMETEC, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC

CARLSON FORMETEC (Continued) **1000292467**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332112
NAICS Description:	NONFERROUS FORGING

NAICS Code:	336412
NAICS Description:	AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

NAICS Code:	336415
NAICS Description:	GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-08-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-08-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2011-04-20 00:00:00.0
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WABFR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2011-04-20 00:00:00.0
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WABFR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-11-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-08-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-08-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAKPO
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2007-07-10 00:00:00.0
Actual Return to Compliance Date: 2007-08-24 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2007-08-24 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2007-08-20 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAEPF
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2001-02-27 00:00:00.0
Actual Return to Compliance Date: 2001-04-09 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2001-02-27 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALLM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-02-27 00:00:00.0
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2011-04-20 00:00:00.0
Actual Return to Compliance Date:	2011-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WABFR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1990-05-02 00:00:00.0
Actual Return to Compliance Date: 1990-07-04 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1990-07-31 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1990-06-15 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WADES
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2015-02-03 00:00:00.0
Actual Return to Compliance Date: 2015-04-08 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2015-04-06 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2015-03-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-02-27 00:00:00.0
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-29 00:00:00.0
Scheduled Compliance Date:	2007-08-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Date of Request:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-09-17 00:00:00.0
Scheduled Compliance Date:	2007-11-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0

CARLSON FORMETEC (Continued) **1000292467**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-22 00:00:00.0
Scheduled Compliance Date:	2007-08-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-04-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW

CARLSON FORMETEC (Continued) **1000292467**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-24 00:00:00.0
Scheduled Compliance Date:	2007-08-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-05-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-24 00:00:00.0
Scheduled Compliance Date:	2011-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-05-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

CARLSON FORMETEC (Continued) **1000292467**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1990-07-04 00:00:00.0
Scheduled Compliance Date:	1990-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0

CARLSON FORMETEC (Continued) **1000292467**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110008216787

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
OSHA ESTABLISHMENT
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000292467
Registry ID: 110008216787
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008216787
Name: CARLSON FORMETEC
Address: 2202 A ST
City,State,Zip: TACOMA, WA 98402

WA MANIFEST:
Name: CARLSON FORMETEC INC
Address: 2202 A ST
City,State,Zip: TACOMA, WA 98042
Facility Address 2: Not reported

CARLSON FORMETEC (Continued) **1000292467**

Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	336413
State Waste Code Desc:	WP02
Federal Waste Code Desc:	D002,D007,D008,D009
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5250 Carillon Point
Legal Address 2:	Not reported
Legal City,State,Zip:	Kirkland, WA 98033
Legal Phone Number:	(253)627-1903
Legal Effective Date:	02/01/2015
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Forrest G Davis
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	forrestdavis@omadaint.com
Gen Status Code:	MQG

CARLSON FORMETEC (Continued) **1000292467**

Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	WP02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	155365
Sequence Number:	3400872
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3510
Quanity Unit:	LB
Kilograms Quanity:	1592.13602
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	SODIUM HYDROXIDE
CORb Sequence Number:	155365
Sequence Number:	3400955
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	504
Quanity Unit:	LB

CARLSON FORMETEC (Continued) **1000292467**

Kilograms Quanity:	228.614403
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	155365
Sequence Number:	3400967
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	500
Quanity Unit:	LB
Kilograms Quanity:	226.800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ACID FILTERS
CORb Sequence Number:	155365
Sequence Number:	3401052
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

CARLSON FORMETEC (Continued) **1000292467**

WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	PAINT RELATED LABPACK
CORb Sequence Number:	155365
Sequence Number:	3400961
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	270
Quanity Unit:	LB
Kilograms Quanity:	122.472002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	SOLVENT WASTE WITH MEK
CORb Sequence Number:	155365
Sequence Number:	3401046
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155365
Waste Sequence Number:	3400872
Sequence Number:	896256
Received EPAID:	ORD089452353
Managed Quanity:	710
Kilogram Quanity:	322.056005
Recycled Percentage:	Not reported
Waste Management System Code:	H121
Waste Sequence Number:	3400872
Sequence Number:	896257
Received EPAID:	WAD991281767
Managed Quanity:	2800
Kilogram Quanity:	1270.08002
Recycled Percentage:	Not reported
Waste Management System Code:	H121
Waste Sequence Number:	3400961
Sequence Number:	896271
Received EPAID:	WAD991281767
Managed Quanity:	270

CARLSON FORMETEC (Continued) **1000292467**

Kilogram Quanity: 122.472002
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3400967
Sequence Number: 896283
Received EPAID: TND981920119
Managed Quanity: 500
Kilogram Quanity: 226.800003
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 3401052
Sequence Number: 896433
Received EPAID: WAD991281767
Managed Quanity: 10
Kilogram Quanity: 4.53600007
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3400955
Sequence Number: 896264
Received EPAID: ORD089452353
Managed Quanity: 500
Kilogram Quanity: 226.800003
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 3400955
Sequence Number: 896265
Received EPAID: TND981920119
Managed Quanity: 4
Kilogram Quanity: 1.81440003
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 3401046
Sequence Number: 896425
Received EPAID: IND000646943
Managed Quanity: 4
Kilogram Quanity: 1.81440003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 155365
Comments: Waste stream is a combination of both solid and liquid waste.
Waste Sequence Number: 3400955
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 155365
Waste Sequence Number: 3400961
Sequence Number: 7823542
WCDA Code: D001

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number: 3401046
Sequence Number: 7820454
WCDA Code: D001

Waste Sequence Number: 3401046
Sequence Number: 7820453
WCDA Code: F005

Waste Sequence Number: 3400955
Sequence Number: 7823540
WCDA Code: D002

Waste Sequence Number: 3401052
Sequence Number: 7820483
WCDA Code: D007

Waste Sequence Number: 3401052
Sequence Number: 7820484
WCDA Code: D008

Waste Sequence Number: 3401052
Sequence Number: 7820485
WCDA Code: D009

Waste Sequence Number: 3400872
Sequence Number: 7820476
WCDA Code: D002

Waste Sequence Number: 3400872
Sequence Number: 7820477
WCDA Code: D007

Waste Sequence Number: 3400872
Sequence Number: 7820478
WCDA Code: D008

Waste Sequence Number: 3400872
Sequence Number: 7820479
WCDA Code: D009

Waste Stream Source Code:
CORB Waste Sequence Number: 155365
Waste Sequence Number: 3400961
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3400967
Sequence Number: 1
WCDD Code: G15

Waste Sequence Number: 3400955
Sequence Number: 1
WCDD Code: G02

Waste Sequence Number: 3400872
Sequence Number: 1
WCDD Code: G04

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	3401052
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3401046
Sequence Number:	1
WCDD Code:	G08

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D007,D008,D009
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec

CARLSON FORMETEC (Continued) **1000292467**

Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Danny Babare
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	Danny@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	148218
Sequence Number:	3333481
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2650
Quanity Unit:	LB
Kilograms Quanity:	1202.04002
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

CARLSON FORMETEC (Continued) **1000292467**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	148218
Sequence Number:	3333473
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2400
Quanity Unit:	LB
Kilograms Quanity:	1088.64001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	PAINT RELATED LABPACK
CORb Sequence Number:	148218
Sequence Number:	3333524
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	VITRO-KLEEN CAUSTIC 'SLUDGE'
CORb Sequence Number:	148218
Sequence Number:	3333522
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	125
Quanity Unit:	LB

CARLSON FORMETEC (Continued) **1000292467**

Kilograms Quanity:	56.7000009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ACID FILTERS
CORb Sequence Number:	148218
Sequence Number:	3333501
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	VITRO-KLEEN CAUSTIC SOLUTION
CORb Sequence Number:	148218
Sequence Number:	3333516
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300
Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

CARLSON FORMETEC (Continued) **1000292467**

WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	NON-REACTIVE LABPACK
CORb Sequence Number:	148218
Sequence Number:	3333514
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	67
Quanity Unit:	LB
Kilograms Quanity:	30.3912005
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	148218
Waste Sequence Number:	3333473
Sequence Number:	1817370
Shipment Date:	2014-04-18 00:00:00
Mainfest Document ID:	012111150JJK
Reported Quanity:	1600
Unit of Measure:	LB
Kilograms Quanity:	725.760012
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333473
Sequence Number:	1817371
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	012111187JJK
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333524
Sequence Number:	1817475
Shipment Date:	2014-11-19 00:00:00
Mainfest Document ID:	013499588JJK
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333524
Sequence Number:	1817473
Shipment Date:	2014-01-14 00:00:00
Mainfest Document ID:	012109883JJK
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.53600007
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333524
Sequence Number:	1817474
Shipment Date:	2014-11-19 00:00:00
Mainfest Document ID:	013499588JJK
Reported Quanity:	25
Unit of Measure:	LB

CARLSON FORMETEC (Continued) **1000292467**

Kilograms Quanity:	11.3400001
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333522
Sequence Number:	1817470
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	012111436JJK
Reported Quanity:	125
Unit of Measure:	LB
Kilograms Quanity:	56.7000009
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333481
Sequence Number:	1817402
Shipment Date:	2014-05-02 00:00:00
Mainfest Document ID:	012111194JJK
Reported Quanity:	350
Unit of Measure:	LB
Kilograms Quanity:	158.760002
Receiving EPAID:	TND981920119
Waste Sequence Number:	3333481
Sequence Number:	1817401
Shipment Date:	2014-01-14 00:00:00
Mainfest Document ID:	012109882JJK
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	TND981920119
Waste Sequence Number:	3333481
Sequence Number:	1817403
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	012111437JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	TND981920119
Waste Sequence Number:	3333481
Sequence Number:	1817405
Shipment Date:	2014-11-19 00:00:00
Mainfest Document ID:	013499587JJK
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	TND981920119
Waste Sequence Number:	3333481
Sequence Number:	1817404
Shipment Date:	2014-09-17 00:00:00
Mainfest Document ID:	013378731JJK
Reported Quanity:	1200
Unit of Measure:	LB
Kilograms Quanity:	544.320009
Receiving EPAID:	TND981920119

CARLSON FORMETEC (Continued) **1000292467**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	148218
Waste Sequence Number:	3333501
Sequence Number:	846073
Received EPAID:	WAD991281767
Managed Quanity:	60
Kilogram Quanity:	27.2160004
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333516
Sequence Number:	846090
Received EPAID:	WAD991281767
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333481
Sequence Number:	846039
Received EPAID:	TND981920119
Managed Quanity:	2650
Kilogram Quanity:	1202.04002
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3333514
Sequence Number:	846080
Received EPAID:	WAD991281767
Managed Quanity:	67
Kilogram Quanity:	30.3912005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333473
Sequence Number:	846021
Received EPAID:	WAD991281767
Managed Quanity:	2400
Kilogram Quanity:	1088.64001
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333524
Sequence Number:	846107
Received EPAID:	WAD991281767
Managed Quanity:	40
Kilogram Quanity:	18.1440003
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333522
Sequence Number:	846096
Received EPAID:	WAD991281767
Managed Quanity:	125
Kilogram Quanity:	56.7000009
Recycled Percentage:	0
Waste Management System Code:	H141

CARLSON FORMETEC (Continued) **1000292467**

Waste Stream EPA Code:

CORB Waste Sequence Number:	148218
Waste Sequence Number:	3333473
Sequence Number:	7519329
WCDA Code:	D002
Waste Sequence Number:	3333473
Sequence Number:	7519331
WCDA Code:	D007
Waste Sequence Number:	3333473
Sequence Number:	7519330
WCDA Code:	D008
Waste Sequence Number:	3333473
Sequence Number:	7519332
WCDA Code:	D009
Waste Sequence Number:	3333524
Sequence Number:	7519349
WCDA Code:	D001
Waste Sequence Number:	3333514
Sequence Number:	7519322
WCDA Code:	D001
Waste Sequence Number:	3333514
Sequence Number:	7519323
WCDA Code:	D002
Waste Sequence Number:	3333514
Sequence Number:	7519324
WCDA Code:	D007
Waste Sequence Number:	3333501
Sequence Number:	7519089
WCDA Code:	D007
Waste Sequence Number:	3333501
Sequence Number:	7519090
WCDA Code:	D008
Waste Sequence Number:	3333501
Sequence Number:	7519091
WCDA Code:	D009

Waste Stream Source Code:

CORB Waste Sequence Number:	148218
Waste Sequence Number:	3333516
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	3333522
Sequence Number:	1
WCDD Code:	G02

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	3333514
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3333473
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3333501
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3333481
Sequence Number:	1
WCDD Code:	G15
Waste Sequence Number:	3333524
Sequence Number:	1
WCDD Code:	G06

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WP02 - Persistent
Federal Waste Code Desc:	D002 - Corrosive, D007 - Chromium, D008 - Lead, D009 - Mercury
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Danny Babare
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	Danny@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	SOLVENT WASTE WITH MEK
CORb Sequence Number:	142598
Sequence Number:	3246682
Mixed Radioactive Flag:	False

CARLSON FORMETEC (Continued) **1000292467**

Designation Code:	D
Reported Quanity:	25
Quanity Unit:	LB
Kilograms Quanity:	11.3400001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	142598
Sequence Number:	3246676
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	700
Quanity Unit:	LB
Kilograms Quanity:	317.520005
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	142598
Sequence Number:	3246671
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2000
Quanity Unit:	LB
Kilograms Quanity:	907.200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	FLAMMABLE LIQUIDS CLASS 3
CORb Sequence Number:	142598
Sequence Number:	3246686
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	LB
Kilograms Quanity:	2.26800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	CORROSIVE CLASS 8 LABPACK
CORb Sequence Number:	142598
Sequence Number:	3246687
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2
Quanity Unit:	LB
Kilograms Quanity:	0.90720001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	CAUSTIC CLASS 8 LABPACK
CORb Sequence Number:	142598
Sequence Number:	3246688
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3
Quanity Unit:	LB
Kilograms Quanity:	1.36080002

CARLSON FORMETEC (Continued) **1000292467**

Density Number: 0
Density Quanity: Not reported

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 142598
Waste Sequence Number: 3246671
Sequence Number: 806823
Received EPAID: WAD991281767
Managed Quanity: 2000
Kilogram Quanity: 907.200015
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3246686
Sequence Number: 806837
Received EPAID: WAD991281767
Managed Quanity: 5
Kilogram Quanity: 2.26800003
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3246687
Sequence Number: 806838
Received EPAID: WAD991281767
Managed Quanity: 2
Kilogram Quanity: 0.90720001
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3246688
Sequence Number: 806841
Received EPAID: WAD991281767
Managed Quanity: 3
Kilogram Quanity: 1.36080002
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3246676
Sequence Number: 806829
Received EPAID: WAD991281767
Managed Quanity: 700
Kilogram Quanity: 317.520005
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 3246682
Sequence Number: 806835
Received EPAID: WAD991281767
Managed Quanity: 25
Kilogram Quanity: 11.3400001
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 142598
Comments: A-8: The waste is a mix of MEK and ink

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number: 3246682
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 142598
Waste Sequence Number: 3246671
Sequence Number: 7202154
WCDA Code: D002

Waste Sequence Number: 3246671
Sequence Number: 7202156
WCDA Code: D007

Waste Sequence Number: 3246671
Sequence Number: 7202155
WCDA Code: D008

Waste Sequence Number: 3246671
Sequence Number: 7202157
WCDA Code: D009

Waste Sequence Number: 3246686
Sequence Number: 7202011
WCDA Code: D001

Waste Sequence Number: 3246686
Sequence Number: 7202012
WCDA Code: D007

Waste Sequence Number: 3246688
Sequence Number: 7202064
WCDA Code: D002

Waste Sequence Number: 3246682
Sequence Number: 7202004
WCDA Code: D001

Waste Sequence Number: 3246682
Sequence Number: 7202005
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 142598
Waste Sequence Number: 3246682
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3246686
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3246687
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3246688

CARLSON FORMETEC (Continued) **1000292467**

Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3246676
Sequence Number:	1
WCDD Code:	G15
Waste Sequence Number:	3246671
Sequence Number:	1
WCDD Code:	G04
Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WP02 - Persistent
Federal Waste Code Desc:	D002 - Corrosive, D007 - Chromium, D008 - Lead, D009 - Mercury
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street

CARLSON FORMETEC (Continued) **1000292467**

Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Danny Babare
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	137287
Sequence Number:	2666955
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2104.40000
Quanity Unit:	LB
Kilograms Quanity:	954.555856
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	137287
Sequence Number:	2666952
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7220.02000
Quanity Unit:	LB
Kilograms Quanity:	3275.00112
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137287
Waste Sequence Number:	2666955
Sequence Number:	1368886
Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	000398827PSC
Reported Quanity:	670
Unit of Measure:	LB
Kilograms Quanity:	303.912005
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666955
Sequence Number:	1368885
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	000325046PSC
Reported Quanity:	517
Unit of Measure:	LB
Kilograms Quanity:	234.511204
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666955
Sequence Number:	1368884
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	000258718PSC
Reported Quanity:	917.399999
Unit of Measure:	LB
Kilograms Quanity:	416.132647
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666952
Sequence Number:	1368883
Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	000398827PSC
Reported Quanity:	1040
Unit of Measure:	LB
Kilograms Quanity:	471.744008
Receiving EPAID:	WAD991281767

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	2666952
Sequence Number:	1368881
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	000325046PSC
Reported Quanity:	1670
Unit of Measure:	LB
Kilograms Quanity:	757.512013
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2666952
Sequence Number:	1368882
Shipment Date:	2012-10-04 00:00:00
Mainfest Document ID:	000378011PSC
Reported Quanity:	2400
Unit of Measure:	LB
Kilograms Quanity:	1088.64001
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2666952
Sequence Number:	1368880
Shipment Date:	2012-01-07 00:00:00
Mainfest Document ID:	000030682DAT
Reported Quanity:	2110.02
Unit of Measure:	LB
Kilograms Quanity:	957.105088
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137287
Waste Sequence Number:	2666955
Sequence Number:	666216
Received EPAID:	WAD991281767
Managed Quanity:	2104.40000
Kilogram Quanity:	954.555856
Recycled Percentage:	0
Waste Management System Code:	H050

Waste Sequence Number:	2666952
Sequence Number:	666215
Received EPAID:	WAD991281767
Managed Quanity:	7220.02000
Kilogram Quanity:	3275.00112
Recycled Percentage:	Not reported
Waste Management System Code:	H135

Waste Stream EPA Code:

CORB Waste Sequence Number:	137287
Waste Sequence Number:	2666952
Sequence Number:	5927936
WCDA Code:	D002

Waste Sequence Number:	2666952
Sequence Number:	5927938
WCDA Code:	D007

Waste Sequence Number:	2666952

CARLSON FORMETEC (Continued) **1000292467**

Sequence Number:	5927937
WCDA Code:	D008
Waste Sequence Number:	2666952
Sequence Number:	5927939
WCDA Code:	D009
Waste Stream Source Code:	
CORB Waste Sequence Number:	137287
Waste Sequence Number:	2666952
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	2666955
Sequence Number:	1
WCDD Code:	G15
Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WP02
Federal Waste Code Desc: D002	
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010

CARLSON FORMETEC (Continued) **1000292467**

Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	133332
Sequence Number:	2650831
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6673.61999
Quanity Unit:	LB

CARLSON FORMETEC (Continued) **1000292467**

Kilograms Quanity: 3027.15408
Density Number: 0
Density Quanity: Not reported

Shipments Send:
CORB Waste Sequence Number: 133332
Waste Sequence Number: 2650831
Sequence Number: 1309288
Shipment Date: 2011-12-01 00:00:00
Mainfest Document ID: 000035428DAT
Reported Quanity: 2
Unit of Measure: LB
Kilograms Quanity: 0.90720001
Receiving EPAID: WAD991281767

Waste Sequence Number: 2650831
Sequence Number: 1309290
Shipment Date: 2011-07-13 00:00:00
Mainfest Document ID: 000030292DAT
Reported Quanity: 458.699999
Unit of Measure: LB
Kilograms Quanity: 208.066323
Receiving EPAID: WAD991281767

Waste Sequence Number: 2650831
Sequence Number: 1309289
Shipment Date: 2011-08-08 00:00:00
Mainfest Document ID: 000030499DAT
Reported Quanity: 779.789999
Unit of Measure: LB
Kilograms Quanity: 353.712750
Receiving EPAID: WAD991281767

Waste Sequence Number: 2650831
Sequence Number: 1309292
Shipment Date: 2011-07-13 00:00:00
Mainfest Document ID: 000030292DAT
Reported Quanity: 750.600000
Unit of Measure: LB
Kilograms Quanity: 340.472165
Receiving EPAID: WAD991281767

Waste Sequence Number: 2650831
Sequence Number: 1309287
Shipment Date: 2011-12-01 00:00:00
Mainfest Document ID: 000035428DAT
Reported Quanity: 1582.51
Unit of Measure: LB
Kilograms Quanity: 717.826548
Receiving EPAID: WAD991281767

Waste Sequence Number: 2650831
Sequence Number: 1309286
Shipment Date: 2011-06-03 00:00:00
Mainfest Document ID: 000030025DAT
Reported Quanity: 2110.02
Unit of Measure: LB

CARLSON FORMETEC (Continued) **1000292467**

Kilograms Quanity: 957.105088
Receiving EPAID: WAD991281767

Waste Sequence Number: 2650831
Sequence Number: 1309291
Shipment Date: 2011-03-10 00:00:00
Mainfest Document ID: 000009953DAT
Reported Quanity: 990
Unit of Measure: LB
Kilograms Quanity: 449.064007
Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 133332
Waste Sequence Number: 2650831
Sequence Number: 646843
Received EPAID: WAD991281767
Managed Quanity: 2979.09000
Kilogram Quanity: 1351.31524
Recycled Percentage: Not reported
Waste Management System Code: H050

Waste Sequence Number: 2650831
Sequence Number: 646842
Received EPAID: WAD991281767
Managed Quanity: 2
Kilogram Quanity: 0.90720001
Recycled Percentage: Not reported
Waste Management System Code: H040

Waste Sequence Number: 2650831
Sequence Number: 646833
Received EPAID: WAD991281767
Managed Quanity: 3692.53000
Kilogram Quanity: 1674.93163
Recycled Percentage: Not reported
Waste Management System Code: H135

Waste Stream EPA Code:
CORB Waste Sequence Number: 133332
Waste Sequence Number: 2650831
Sequence Number: 5825633
WCDA Code: D002

Name: CARLSON FORMETEC INC
Address: 2202 A ST
City,State,Zip: TACOMA, WA 98042
Facility Address 2: Not reported
Facility ID: 42735245
EPA ID: WAD083734780
NAICS: 332112
State Waste Code Desc: WP02
Federal Waste Code Desc: D002
Form Comm: Not reported
Data Year: 2009

CARLSON FORMETEC (Continued) **1000292467**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

CARLSON FORMETEC (Continued) **1000292467**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	122882
Sequence Number:	2139037
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3587.0300000000002
Quanity Unit:	LB
Kilograms Quanity:	1627.0768359857218
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	1026315
Shipment Date:	5/14/2009
Mainfest Document ID:	004059420JJK
Reported Quanity:	3587.03
Unit of Measure:	LB
Kilograms Quanity:	1627.07683598572
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	528425
Received EPAID:	WAD020257945
Managed Quanity:	3587.0300000000002
Kilogram Quanity:	1627.0768359857218
Recycled Percentage:	Not reported
Waste Management System Code:	H135

Waste Stream EPA Code:

CORB Waste Sequence Number:	122882

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	2139037
Sequence Number:	4641137
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	1
WCDD Code:	G04

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WP02
Federal Waste Code Desc: D002	
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010

CARLSON FORMETEC (Continued) **1000292467**

Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	117540
Sequence Number:	2002628
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8584.5699999999997
Quanity Unit:	LB
Kilograms Quanity:	3893.9610189761297
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	117540

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	2002628
Sequence Number:	952842
Shipment Date:	5/7/2008
Mainfest Document ID:	003610970JJK
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.40000195048
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2002628
Sequence Number:	952840
Shipment Date:	4/25/2008
Mainfest Document ID:	003620127JJK
Reported Quanity:	3970.67
Unit of Measure:	LB
Kilograms Quanity:	1801.09594297885
Receiving EPAID:	WAD020257945

Waste Sequence Number:	2002628
Sequence Number:	952841
Shipment Date:	10/22/2008
Mainfest Document ID:	003619235JJK
Reported Quanity:	4363.9
Unit of Measure:	LB
Kilograms Quanity:	1979.4650740468
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	486523
Received EPAID:	WAD991281767
Managed Quanity:	250
Kilogram Quanity:	113.40000195048005
Recycled Percentage:	0
Waste Management System Code:	H050

Waste Sequence Number:	2002628
Sequence Number:	486522
Received EPAID:	WAD020257945
Managed Quanity:	8334.5699999999997
Kilogram Quanity:	3780.5610170256496
Recycled Percentage:	0
Waste Management System Code:	H135

Waste Stream EPA Code:

CORB Waste Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	4272572
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	1
WCDD Code:	G04

CARLSON FORMETEC (Continued) **1000292467**

Name:		CARLSON FORMETEC INC
Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WAT01WP02
Federal Waste Code Desc:	D002D002	
Form Comm:		Not reported
Data Year:		Not reported
Permit by Rule:		F
Mailing Address 2:		Not reported
Treatment by Generator:		F
Mixed Radioactive Waste:		F
Importer of Hazardous Waste:		F
Immediate Recycler:		F
Treatment/Storage/Disposal/Recycling Facility:		F
Generator of Dangerous Fuel Waste:		F
Generator Marketing to Burner:		F
Other Marketers (i.e., blender, distributor, etc.):		F
Utility Boiler Burner:		F
Industry Boiler Burner:		F
Industrial Furnace:		F
Smelter Defferal:		F
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602135588
Business Type:		Not reported
Mail Name:		Carlson Formetec
Mailing Address:		2202 A ST
Mailing City,State,Zip:		TACOMA, WA 98402-3010
Legal Organization Name:		CFI Blue Sky II LLC
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		2202 A Street
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98402-3010
Legal Phone Number:		(253)627-1903
Legal Effective Date:		07/19/2001
Land Organization Name:		DBR Blue Sky III LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		2202 A Street
Land City,State,Zip:		Tacoma, WA 98402-3010
Land Phone Number:		(253)627-1903
Operator Organization Name:		Carlson Formetec
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2202 A ST
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98402-3010
Operator Phone Number:		(253)627-1903
Operator Effective Date:		07/30/1996
Site Contact:		Jeff Goubeaux
Site Contact Address:		2202 A STREET

CARLSON FORMETEC (Continued) **1000292467**

Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	F
Batch Generation:	T
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:		CARLSON FORMETEC INC
Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WAT01WP02
Federal Waste Code Desc:	D002D002	
Form Comm:		Not reported
Data Year:		Not reported
Permit by Rule:		No
Mailing Address 2:		Not reported
Treatment by Generator:		No
Mixed Radioactive Waste:		No
Importer of Hazardous Waste:		No
Immediate Recycler:		No
Treatment/Storage/Disposal/Recycling Facility:		No
Generator of Dangerous Fuel Waste:		No
Generator Marketing to Burner:		No
Other Marketers (i.e., blender, distributor, etc.):		No
Utility Boiler Burner:		No
Industry Boiler Burner:		No
Industrial Furnace:		No
Smelter Defferal:		No
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600321546
Business Type:		Not reported
Mail Name:		Carlson Formetec
Mailing Address:		2202 A ST
Mailing City,State,Zip:		TACOMA, WA 98402-3010
Legal Organization Name:		CFI Blue Sky II LLC
Legal Organization Type:		Private
Legal Contact:		Not reported

CARLSON FORMETEC (Continued) **1000292467**

Legal Address:		2202 A Street
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98402
Legal Phone Number:		(253)627-1903
Legal Effective Date:		07/19/2001
Land Organization Name:		Not reported
Land Organization Type:		Private
Land Contact:		Dale Johnson
Land Address:		2030 PARISH ST
Land City,State,Zip:		WALLA WALLA, WA 99362
Land Phone Number:		5095294718
Operator Organization Name:		Carlson Formetec
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2202 A ST
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98402-3010
Operator Phone Number:		(253)627-1903
Operator Effective Date:		07/30/1996
Site Contact:		Jeff Goubeaux
Site Contact Address:		2202 A STREET
Contact City,State,Zip:		TACOMA, WA 98402-3010
Site Contact Phone Number:		(253)627-1903
Site Contact Email:		jeff@carlsonformetec.com
Gen Status Code:		MQG
Monthly Generation:		No
Batch Generation:		Yes
One Time Generation:		No
Transport Own Waste:		No
Tranports Other Waste:		No
Recycler Onsite:		No
Transfer Facility:		No
Other Exemption:		Not reported
UW Battery Gen:		No
Used Oil Transporter:		No
Used Oil Transfer Facility:		No
Used Oil Processor:		No
Used Oil Refiner:		No
Used Oil Fuel Marketer Directs Shipments:		No
Used Oil Fuel Marketer Meets Specs:		No
Site Contact Address 2:		Not reported
Name:		CARLSON FORMETEC INC
Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WAT01WP02
Federal Waste Code Desc:	D002D002	
Form Comm:		Not reported
Data Year:		Not reported
Permit by Rule:		FALSE
Mailing Address 2:		Not reported
Treatment by Generator:		FALSE
Mixed Radioactive Waste:		FALSE

CARLSON FORMETEC (Continued) **1000292467**

Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600321546
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Dale Johnson
Land Address:	2030 PARISH ST
Land City,State,Zip:	WALLA WALLA, WA 99362
Land Phone Number:	(509)529-4718
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	FALSE
Batch Generation:	TRUE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE

CARLSON FORMETEC (Continued) **1000292467**

Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AW184 **AABERGS TOOL & EQUIPMENT RENTAL & SALES** **WA UST** **U004021054**
East **1424 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ASBESTOS**
0.475 mi.
2507 ft. **Site 3 of 3 in cluster AW**

Relative:
Higher

Actual:
23 ft.

UST:

Name:	AABERGS TOOL & EQUIPMENT RENTAL & SALES
Address:	1424 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	5752453
Site Id:	4860
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.241951
Decimal Longitude:	-122.413394
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	AABERGS TOOL & EQUIPMENT RENTAL & SALES
Address:	1424 PUYALLUP AVE
City:	TACOMA
Zip:	98421

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AABERGS TOOL & EQUIPMENT RENTAL & SALES
Address:	1424 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Dispencer/Pump SFC Type: Not reported

ALLSITES:

Name:	AABERGS TOOL & EQUIP RENTAL & SALES I
Facility Id:	5752453

ASBESTOS:

Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	40913##1462RWRhi371047
Notice Date:	08/12/2010
Start Date:	08/09/2010
Completion Date:	09/24/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	51148##1511Rhine712837
Notice Date:	07/26/2011

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Start Date:	08/05/2011
Completion Date:	10/31/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	603071050
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46283##1462RWRhi825960
Notice Date:	02/21/2011
Start Date:	08/09/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	40822##1462RWRhi272012
Notice Date:	08/09/2010
Start Date:	08/09/2010
Completion Date:	09/24/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	40436##1462RWRhi417067
Notice Date:	07/28/2010
Start Date:	08/09/2010
Completion Date:	09/24/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Dave Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	51361##1511Rhine566364
Notice Date:	08/02/2011
Start Date:	08/05/2011
Completion Date:	10/31/2011
Initial:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	603071050
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	40725##1462RWRhi978700
Notice Date:	08/06/2010
Start Date:	08/09/2010
Completion Date:	09/24/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	48155##1462RWRhi605371
Notice Date:	04/26/2011
Start Date:	08/09/2010
Completion Date:	07/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Certificate Status:	EXPIRED
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	53562##1511Rhine085846
Notice Date:	10/11/2011
Start Date:	08/05/2011
Completion Date:	12/30/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	603071050
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	40950##1462RWRhi399442
Notice Date:	08/12/2010
Start Date:	08/09/2010
Completion Date:	12/24/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44449##1462RWRhi437934
Notice Date:	12/13/2010
Start Date:	08/09/2010
Completion Date:	01/28/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	45548##1462RWRhi928780
Notice Date:	01/25/2011
Start Date:	08/09/2010
Completion Date:	02/28/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	55470##1511Rhine660176
Notice Date:	12/22/2011
Start Date:	08/05/2011
Completion Date:	06/30/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	603071050
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	40770##1462RWRhi241905
Notice Date:	08/09/2010
Start Date:	08/09/2010
Completion Date:	09/24/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	Not reported
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	83517##1511Rhine766672
Notice Date:	04/07/2014
Start Date:	04/19/2014
Completion Date:	04/30/2014
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	1
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Kenny Bell
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Hank Bacon
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	1424 Puyallup Ave.

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421-2327
Property Owner Phone:	253-272-1138
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1500
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Comments:	Not reported
Date Time Submitted:	2014-04-07 15:51:10
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Popcorn Ceiling
Supervisor:	Kenny Bell ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1424 PUYALLUP AVE.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	83517
Form ID:	84058##1511Rhine530223
Notice Date:	04/21/2014
Start Date:	04/19/2014
Completion Date:	04/30/2014
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	1
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Kenny Bell
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Hank Bacon
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	1424 Puyallup Ave.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421-2327
Property Owner Phone:	253-272-1138
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1500
Fireproofing:	Not reported

AABERGS TOOL & EQUIPMENT RENTAL & SALES (Continued) **U004021054**

Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2014-04-21 05:03:53
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Popcorn Ceiling
Supervisor:	Kenny Bell ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

185 East 1/4-1/2 0.477 mi. 2516 ft. | **PORTERS ON THE GO**
2615 E N ST
TACOMA, WA 98421 | **WA ALLSITES** | **S109824029**
N/A

Relative: Higher
Actual: 59 ft.

ALLSITES:

Name:	PORTERS ON THE GO
Facility Id:	14476

AY186 WSW 1/4-1/2 0.479 mi. 2527 ft. | **PINGCO INTERNATIONAL**
102 S 26TH ST
TACOMA, WA 98402
Site 1 of 2 in cluster AY | **WA CSCSL**
WA LUST
WA UST
WA ALLSITES | **U004131371**
N/A

Relative: Higher
Actual: 84 ft.

CSCSL:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7640591
Region:	Southwest
Lat/Long:	47.237891228215 / -122.4332354908
Clean Up Siteid:	7756
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7640591
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7756
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	12/17/2003
Lust Date:	01/18/1993
Region:	Southwest
Lust ID:	5911
UST ID:	618970
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

PINGCO INTERNATIONAL (Continued) **U004131371**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2378912 / -122.43323

UST:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402
Facility ID:	7640591
Site Id:	618970
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2378912282157
Decimal Longitude:	-122.433235490858

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/17/2003
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	Not reported
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported

PINGCO INTERNATIONAL (Continued) **U004131371**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/17/2003
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PINGCO INTERNATIONAL
Facility Id:	7640591

AZ187 **ELEPHANT CAR WASH PACIFIC AVE** **WA ALLSITES** **S108022689**
WSW **2501 PACIFIC AVE** **WA Financial Assurance** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.481 mi.
2538 ft. **Site 1 of 3 in cluster AZ**

Relative:
Higher

Actual:
63 ft.

ALLSITES:

Name:	ELEPHANT CAR WASH PACIFIC AVE
Facility Id:	78971423

WA Financial Assurance 1:

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2016
Expiration Date:	07/10/2017
Address 2:	Not reported
Policy Number:	WA641062-7
Effective Date:	07/10/2016
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2018
Expiration Date:	07/10/2019
Address 2:	Not reported
Policy Number:	WA641062-9
Effective Date:	07/10/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	08/31/2018
Expiration Date:	08/31/2019
Address 2:	Not reported
Policy Number:	WA642534
Effective Date:	08/31/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009

ELEPHANT CAR WASH PACIFIC AVE (Continued) **S108022689**

Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	10/31/2019
Expiration Date:	10/31/2020
Address 2:	Not reported
Policy Number:	WA642682
Effective Date:	10/31/2019
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2016
Expiration Date:	07/10/2017
Address 2:	Not reported
Policy Number:	WA641062-7
Effective Date:	07/10/2016
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2018
Expiration Date:	07/10/2019
Address 2:	Not reported
Policy Number:	WA641062-9
Effective Date:	07/10/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

ELEPHANT CAR WASH PACIFIC AVE (Continued) **S108022689**

DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	08/31/2018
Expiration Date:	08/31/2019
Address 2:	Not reported
Policy Number:	WA642534
Effective Date:	08/31/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	10/31/2019
Expiration Date:	10/31/2020
Address 2:	Not reported
Policy Number:	WA642682
Effective Date:	10/31/2019
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

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188 **BNSF D ST PIPELINE** **WA CSCSL** **S108479627**
NW **18TH & D ST** **WA INST CONTROL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.489 mi.
2581 ft.

Relative:
Lower

Actual:
5 ft.

CSCSL:

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2923141
Region:	Southwest
Lat/Long:	47.246708 / -122.430089
Clean Up Siteid:	1350
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

BNSF D ST PIPELINE (Continued) **S108479627**

Responsible Unit: Southwest

Name: BNSF D ST PIPELINE
Address: 18TH & D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 2923141
Region: Southwest
Lat/Long: 47.246708 / -122.430089
Clean Up Siteid: 1350
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

INST CONTROL:
Name: BNSF D ST PIPELINE
Address: 18TH & D ST
City,State,Zip: TACOMA, WA 98421
Facility Site ID: 2923141
Latitude: 47.246708
Longitude: -122.430089
Instrument Type: Environmental Covenant
NFA Date: Not reported
County Filing # For Individual IC Doc: 2.0110823037e+011
Filing Date Of Individual IC Doc: 08/23/2011
Education Programs: False
Maintenance Requirements: False
Restrictive Signage: False
Soil Restriction: False
Alternate Site Names: Not reported
Surface Water Restriction: False
Site Status: Construction Complete-Performance Monitoring
Swimming Restriction: False
Tax Parcel Number: 6370000070
Control Active: True
CS ID: 1350
Region: Southwest
Responsible Unit: Southwest
Restrict Shellfish/Finfish Harvesting: False
Prohibit Removal/Alteration of Buildings: False
Prohibit New Building Construction: False
Control Stormwater: False
Control Vapor/Gas: False
Restrict Sediment Cap Disturbance: False
Maintain/Protect Monitoring System: False
Other: False
Restrict Land Use: False

BNSF D ST PIPELINE (Continued) **S108479627**

Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0100831075e+011
Filing Date Of Individual IC Doc:	08/31/2010
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	6370000040
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.010071304e+011
Filing Date Of Individual IC Doc:	07/13/2010
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

BNSF D ST PIPELINE (Continued) **S108479627**

Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Not reported
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	BNSF D ST PIPELINE
Facility Id:	2923141

189
East
1/4-1/2
0.493 mi.
2601 ft.

RACEWAY TECHNOLOGY INC
1427 E 26TH ST
TACOMA, WA 98421

WA ALLSITES
FINDS
ECHO
WA MANIFEST
WA NPDES

1007079712
N/A

Relative:
Higher

Actual:
43 ft.

ALLSITES:

Name:	RACEWAY TECHNOLOGY
Facility Id:	1205245

FINDS:

Registry ID: 110015564263

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting

RACEWAY TECHNOLOGY INC (Continued) **1007079712**

requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110070309656

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Registry ID: 110070320077

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007079712
Registry ID:	110015564263
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015564263
Name:	RACEWAY TECHNOLOGY INC
Address:	1427 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	RACEWAY TECHNOLOGY INC
Address:	1427 E 26TH ST
City,State,Zip:	TACOMA, WA 98421-2311
Facility Address 2:	Not reported
Facility ID:	1205245
EPA ID:	WAH000048130
NAICS:	326122
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	The waste generated is PVC dust mixed with spent ethylene glycol used in PVC pipe fitting manufacturing. No dangerous waste was generated or shipped from the Raceyway Technology site. The generator status is XQG (no regulated waste generated). The generated waste is not being regulated by the federal or state government.
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

RACEWAY TECHNOLOGY INC (Continued) **1007079712**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600316541
Business Type:	PVC Fiberglass pipe fitti
Mail Name:	Raceway Technology Inc
Mailing Address:	PO Box 1916
Mailing City,State,Zip:	Tacoma, WA 98401-1916
Legal Organization Name:	Raceways Technolgy Buildings LLC
Legal Organization Type:	Private
Legal Contact:	Josh M Paul
Legal Address:	PO Box 1916
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98401-1916
Legal Phone Number:	253-640-2024
Legal Effective Date:	08/01/2014
Land Organization Name:	Raceways Technolgy Buildings LLC
Land Organization Type:	Private
Land Contact:	Josh M Paul
Land Address:	PO Box 1916
Land City,State,Zip:	Tacoma, WA 98401-1916
Land Phone Number:	253-640-2024
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Josh M Paul
Operator Address:	PO Box 1916
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98401-1916
Operator Phone Number:	253-640-2024
Operator Effective Date:	08/01/2014
Site Contact:	Steve Yates
Site Contact Address:	PO Box 1916
Contact City,State,Zip:	Tacoma, WA 98401-1916
Site Contact Phone Number:	253-272-7788
Site Contact Email:	steveyates@racewaytech.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

RACEWAY TECHNOLOGY INC (Continued) **1007079712**

NPDES:

Name:	RACEWAY TECHNOLOGY
Address:	1427 E 26TH ST -
City,State,Zip:	TACOMA, WA 98421-2311
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.23964552
Longitude:	-122.414125
Permit ID:	WAR001690
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AZ190 **TEXACO #63 232 0351** **WA CSCSL** **S103502781**
WSW **2523 PACIFIC AVE.** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ICR**
0.495 mi. **WA ALLSITES**
2612 ft. **Site 2 of 3 in cluster AZ**

Relative:
Higher

Actual:
71 ft.

CSCSL:

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	47212644
Region:	Southwest
Lat/Long:	47.238361 / -122.43475
Clean Up Siteid:	6150
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	47212644
Region:	Southwest
Lat/Long:	47.238361 / -122.43475
Clean Up Siteid:	6150

TEXACO #63 232 0351 (Continued) **S103502781**

Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 6150
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Response Section: Southwest
Release Date: 05/22/1991
Lust Date: 12/20/2000
Region: Southwest
Lust ID: 1728
UST ID: 3342
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.238361 / -122.43475

Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 6150
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Response Section: Southwest
Release Date: 05/22/1991
Lust Date: 12/20/2000
Region: Southwest
Lust ID: 1728

TEXACO #63 232 0351 (Continued) **S103502781**

UST ID:	3342
Contaminant Name:	Arsenic
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238361 / -122.43475

ICR:

Date Ecology Received Report:	04/03/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-03
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/25/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/04/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	05/26/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-26
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	04/25/96
Contaminants Found at Site:	Petroleum products

TEXACO #63 232 0351 (Continued) **S103502781**

Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-26
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/25/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-36
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - First Quarter

Date Ecology Received Report: 12/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-43
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - Third Quarter

Date Ecology Received Report: 12/10/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-31
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - Third Quarter 2000

Date Ecology Received Report: 12/09/02
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-55
County Code: 0
Contact: Not reported
Report Title: Ground Water Monitoring Report

Date Ecology Received Report: 06/25/97
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank

TEXACO #63 232 0351 (Continued) **S103502781**

Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-02
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	2523 PACIFIC TEXACO SHELL
Facility Id:	47212644

AZ191 **2523 PACIFIC TEXACO SHELL** **WA VCP** **S124434567**
WSW **2523 PACIFIC AVE** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.495 mi.
2612 ft. **Site 3 of 3 in cluster AZ**

Relative:
Higher

Actual:
71 ft.

VCP:

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47212644
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6150
Contaminant Name:	Arsenic
Soil:	Confirmed Above Cleanup Levels

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47212644
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6150
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AX192	**FOREMOST DAIRY**	**WA HSL**	**U004158123**
WSW	**2413 PACIFIC AVE S**	**WA CSCSL**	**N/A**
1/4-1/2	**TACOMA, WA 98402**	**WA LUST**	
0.498 mi.		**WA UST**	
2627 ft.	**Site 2 of 2 in cluster AX**	**WA ALLSITES**	

Relative:
Higher

Actual:
70 ft.

HSL:

Name:	SODO BUILDERS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	22019
Rank:	2
Region:	SW
EDR Link ID:	22019
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SODO BUILDERS
Address:	2413 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22019
Region:	Southwest
Lat/Long:	47.239579272546 / -122.4348196139
Clean Up Siteid:	11443
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	FOREMOST DAIRY
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SODO BUILDERS
Address:	2413 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22019
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	11443
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	FOREMOST DAIRY
Response Section:	Southwest
Release Date:	09/22/2010
Lust Date:	09/22/2010

FOREMOST DAIRY (Continued) **U004158123**

Region:	Southwest
Lust ID:	6504
UST ID:	619734
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2395792 / -122.43481

UST:

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402
Facility ID:	22019
Site Id:	619734
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2395792725463
Decimal Longitude:	-122.43481961399

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/01/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	2

FOREMOST DAIRY (Continued) **U004158123**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

FOREMOST DAIRY (Continued) **U004158123**

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/19/2014
Tank Install Date:	Not reported
Tank Closure Date:	12/17/2013
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported

FOREMOST DAIRY (Continued) **U004158123**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SODO BUILDERS
Facility Id: 22019

---

193 West 1/4-1/2 0.499 mi. 2633 ft. | **US BANK PACIFIC AVE**
2317 PACIFIC AVE
TACOMA, WA 98402 | **WA HSL** **WA CSCSL** **WA ALLSITES** **WA ASBESTOS** | **S116753404** **N/A**

Relative: Higher
Actual: 65 ft.

HSL:
Name: US BANK PACIFIC AVE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 10919
Rank: 2
Region: SW
EDR Link ID: 10919
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: US BANK PACIFIC AVE
Address: 2317 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 10919
Region: Southwest
Lat/Long: 47.240435 / -122.43524
Clean Up Siteid: 12405
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: US BANK PACIFIC AVE

US BANK PACIFIC AVE (Continued) **S116753404**

Address:	2317 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	10919
Region:	Southwest
Lat/Long:	47.240435 / -122.43524
Clean Up Siteid:	12405
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	US BANK PACIFIC AVE
Address:	2317 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	10919
Region:	Southwest
Lat/Long:	47.240435 / -122.43524
Clean Up Siteid:	12405
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	US BANK PACIFIC AVE
Facility Id:	10919

ASBESTOS:

Name:	Not reported
Address:	2317 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137340#1445530380
Notice Date:	02/19/2019
Start Date:	02/16/2019

US BANK PACIFIC AVE (Continued) **S116753404**

Completion Date:	02/18/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	RHINE DEMOLITION LLC (TACOMA) (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Wendell Bernadas (ABAS00023681) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Name:	Not reported
Address:	2317 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137340#1445530380
Notice Date:	02/04/2019
Start Date:	02/16/2019
Completion Date:	02/28/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	RHINE DEMOLITION LLC (TACOMA) (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Wendell Bernadas (ABAS00023681) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

AY194 **CHEERS RESTAURANT** **WA CSCSL** **S111413892**
WSW **2611 PACIFIC AVE** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.511 mi.
2700 ft. **Site 2 of 2 in cluster AY**

Relative:
Higher

Actual:
93 ft.

CSCSL:

Name:	CHEERS RESTAURANT
Address:	2611 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	20251
Region:	Southwest
Lat/Long:	47.237572 / -122.434571
Clean Up Siteid:	11744
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	CHEERS RESTAURANT FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	CHEERS RESTAURANT
Address:	2611 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	20251
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	11744
Cleanup Unit Type:	Upland
Process Type:	Independent Action

CHEERS RESTAURANT (Continued) **S111413892**

Cleanup Unit Name:	CHEERS RESTAURANT FORMER
Response Section:	Southwest
Release Date:	12/07/2011
Lust Date:	12/22/2011
Region:	Southwest
Lust ID:	6568
UST ID:	619835
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.237572 / -122.43457

ALLSITES:

Name:	CHEERS RESTAURANT
Facility Id:	20251

195
ENE
1/2-1
0.517 mi.
2728 ft.

Relative:
Lower

Actual:
13 ft.

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES
2117 E RIVER ST
TACOMA, WA 98421

WA CSCSL **1010736935**
WA SWF/LF **N/A**
WA ALLSITES
FINDS
ECHO
WA MANIFEST
WA NPDES

CSCSL:

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Mercury
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Responsible Unit: Southwest

SWF/LF:

Name:	DTG TACOMA YARD
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3472
Region:	STATE
Permit Status:	Not reported
Contact Organization:	_Unspecified
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	27-746
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	_Unspecified
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	0
Ownership:	PRIVATE
Facility Type:	Material Recovery Facility (permitted)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.24535
Longitude:	-122.41472

Name:	AIR WATER AND SOIL TECHNOLOGIES, INC.
Address:	2117 E RIVER ROAD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	648
Region:	STATE
Permit Status:	Permitted
Contact Organization:	Air Water and Soil Technologies, Inc.
Contact Address1:	16121 Ne 119th Street
Contact Address2:	Not reported
Contact City:	Brush Prairie
Contact State:	WA
Contact Postal:	98606
Contact EMail:	troy@airwatersoiltechnologies.com
Contact Phone:	(360) 635-1736
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-534-8222
Operator Name:	Not reported
Operator Organization:	Air Water and Soil Technologies, Inc.
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Ownership:	PRIVATE
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Troy Lehner
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	TACOMA YARD DTG
Facility Id:	96403
Name:	APES1 LLC
Facility Id:	13278

FINDS:

Registry ID: 110033624111

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include;

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Incident Tracking, Compliance Assistance, and Compliance Monitoring.

~~Click this hyperlink~~ while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1010736935
Registry ID:	110033624111
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110033624111
Name:	AMERICAN PETROLEUM ENVIRONMENTAL SERVICES
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	402 Valley Ave NW, Ste A-108
Mailing City,State,Zip:	Puyallup, WA 98371
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421-1510
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	Not reported
Land Organization Type:	Private

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Land Contact:	Randy Soule
Land Address:	14830 Kivett Lane
Land City,State,Zip:	Reno, NV 89521
Land Phone Number:	775-762-2797
Operator Organization Name:	American Petroleum Environmental
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-1510
Operator Phone Number:	(253)538-5252
Operator Effective Date:	01/01/2014
Site Contact:	Mike Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421-1510
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421-1510
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421-1510
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421-1510
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	True
Tranports Other Waste:	True
Recycler Onsite:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	True
Used Oil Refiner:	True
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	T
Tranports Other Waste:	T
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	T
Used Oil Transfer Facility:	T
Used Oil Processor:	T
Used Oil Refiner:	T
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	423930
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	T
Used Oil Transfer Facility:	T
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

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1 additional WA MANIFEST: record(s) in the EDR Site Report.

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

NPDES:

Name:	TACOMA YARD DTG
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR307170
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Name:	ENCORE TACOMA
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR305636
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	07/31/2017
Days to Expiration:	-171

---

196 **PSE TACOMA HISTORICAL COAL GAS** **WA CSCSL** **1000660345**
NE **2200 E RIVER ST** **WA ALLSITES** **WAD988500294**
1/2-1 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.521 mi. **FINDS**
2750 ft. **ECHO**
WA MANIFEST

Relative:
Lower

Actual:
12 ft.

CSCSL:

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	JOSEPH SIMON & SONS

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: SIMON & SONS TARPITS
Address: 2200 E RIVER ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1252
Region: Southwest
Lat/Long: 47.24642 / -122.41536
Clean Up Siteid: 3553
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: JOSEPH SIMON & SONS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: SIMON & SONS TARPITS
Address: 2200 E RIVER ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1252
Region: Southwest
Lat/Long: 47.24642 / -122.41536
Clean Up Siteid: 3553
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: JOSEPH SIMON & SONS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

ALLSITES:

Name:	PSE TACOMA HISTORICAL COAL GAS
Facility Id:	48791451
Name:	SIMON & SONS TARPITS
Facility Id:	1252

RCRA Listings:

Date Form Received by Agency:	2007-02-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Handler Address:	2200 E RIVER ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988500294
Contact Name:	LEA BOYLE
Contact Address:	6905 S 228TH ST SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Contact Telephone:	253-437-6789
Contact Fax:	Not reported
Contact Email:	LEA.BOYLE@PSE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6905 S 228TH ST SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Owner Name:	PUGET SOUND ENERGY
Owner Type:	Private
Operator Name:	RORK, JOHN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENE P
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN R
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WASHINGTON NATURAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1869
Owner/Operator City,State,Zip:	SEATTLE, WA 98111
Owner/Operator Telephone:	206-622-6767
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-9734
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RORK
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-9734
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RORK
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-05-13 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-02 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-05-13 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-02-20 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-26 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-16 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-25 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-02 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	TACOMA HISTORICAL COAL GAS SIT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	WNG - TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	2212
NAICS Description:	NATURAL GAS DISTRIBUTION

NAICS Code:	22121
NAICS Description:	NATURAL GAS DISTRIBUTION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110009512009

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660345
Registry ID:	110009512009
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009512009
Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	48791451
EPA ID:	WAD988500294
NAICS:	22121
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	179010055
Business Type:	Not reported
Mail Name:	PSE Tacoma Historical Coal Gas
Mailing Address:	6905 S 228th St SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Legal Organization Name:	Puget Sound Energy
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 90868
Legal Address 2:	Not reported
Legal City,State,Zip:	BELLEVUE, WA 98009-0868
Legal Phone Number:	(425)454-6363

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Legal Effective Date:	03/03/1997
Land Organization Name:	Puget Sound Energy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 90868
Land City,State,Zip:	BELLEVUE, WA 98009-0868
Land Phone Number:	(425)454-6363
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	John Rork
Operator Address:	6905 S 228th St
Operator Address 2:	Not reported
Operator City,State,Zip:	KENT, WA 98032
Operator Phone Number:	(253)437-6766
Operator Effective Date:	04/09/1997
Site Contact:	Lea Boyle
Site Contact Address:	6905 S 228th St SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Site Contact Phone Number:	(253)437-6789
Site Contact Email:	lea.boyle@pse.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	48791451
EPA ID:	WAD988500294
NAICS:	22121
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	179010055
Business Type:	Not reported
Mail Name:	PSE Tacoma Historical Coal Gas
Mailing Address:	6905 S 228th St SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Legal Organization Name:	Puget Sound Energy
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 90868
Legal Address 2:	Not reported
Legal City,State,Zip:	BELLEVUE, WA 98009-0868
Legal Phone Number:	(425)454-6363
Legal Effective Date:	03/03/1997
Land Organization Name:	Puget Sound Energy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 90868
Land City,State,Zip:	BELLEVUE, WA 98009-0868
Land Phone Number:	(425)454-6363
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	John Rork
Operator Address:	6905 S 228th St
Operator Address 2:	Not reported
Operator City,State,Zip:	KENT, WA 98032
Operator Phone Number:	(253)437-6766
Operator Effective Date:	04/09/1997
Site Contact:	Lea Boyle
Site Contact Address:	6905 S 228th St SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Site Contact Phone Number:	(253)437-6789
Site Contact Email:	lea.boyle@pse.com
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Site Contact Address 2: Not reported

197
NNW
1/2-1
0.526 mi.
2775 ft.

Relative:
Lower

Actual:
7 ft.

SUPERVALU NORTHWEST REGION
1525 E D ST
TACOMA, WA 98421

WA HSL **U003378461**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES
WA NPDES

HSL:

Name:	SUPERVALU NORTHWEST REGION
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	46295623
Rank:	3
Region:	SW
EDR Link ID:	46295623
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	46295623
Region:	Southwest
Lat/Long:	47.248944 / -122.429722
Clean Up Siteid:	9315
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	SUPERVALU INC TACOMA,WEST COAST GROCERY SUPER VALU,WEST COAST GROCERY SUPERVALU INC TACOMA,WEST COAST GROGERY SUPERVALU
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	46295623
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9315
Cleanup Unit Type:	Upland

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Process Type:	Independent Action
Cleanup Unit Name:	SUPERVALU INC TACOMA,WEST COAST GROCERY SUPER VALU,WEST COAST GROCERY SUPERVALU INC TACOMA,WEST COAST GROGERY SUPERVALU
Response Section:	Southwest
Release Date:	03/10/2009
Lust Date:	12/15/2008
Region:	Southwest
Lust ID:	6420
UST ID:	5706
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.248944 / -122.42972

UST:

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421
Facility ID:	46295623
Site Id:	5706
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.248944
Decimal Longitude:	-122.429722
Tank Name:	1
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421
Tank Name:	3
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: SUPERVALU NORTHWEST REGION
Address: 1525 E D ST
City: TACOMA
Zip: 98421

Tank Name: 4
Tag Number: A3025
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: SUPERVALU NORTHWEST REGION
Address: 1525 E D ST
City: TACOMA
Zip: 98421

Tank Name: 5
Tag Number: A3025
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	A
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	B
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Other
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	B
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Other
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Name:	C
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	06/29/2004
Tank Install Date:	12/31/1980
Tank Closure Date:	09/24/2008
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Applicable
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Safe Suction (No Leak Detection)
Pipe Corrosion Protection:	None
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WEST COAST GROCERY SUPER VALU
Facility Id:	46295623

NPDES:

Name:	SUPERVALU DISTRIBUTION CENTER MAIN
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421-1609
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24894400
Longitude:	-122.429722
Permit ID:	WAR001693
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

198 North 1/2-1 0.529 mi. 2791 ft. | **CHEVRON BULK PLANT USA 1348**
1656 E J ST
TACOMA, WA 98421 | **WA HSL**
WA CSCSL
WA ALLSITES | **S110038941**
N/A

Relative: Lower

Actual: 11 ft.

HSL:

Name:	CHEVRON BULK PLANT USA 1348
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1234
Rank:	1
Region:	SW
EDR Link ID:	1234
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: CHEVRON BULK PLANT USA 1348
Facility Id: 1234

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199 East 1/2-1 0.544 mi. 2872 ft. | **PILOT TRAVEL CENTER #1173**
1440 PUYALLUP AVE
TACOMA, WA 98421

WA CSCSL **1000838722**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES
WA Financial Assurance

Relative: Lower
Actual: 21 ft.

CSCSL:
Name: ARCO 5727
Address: 1440 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 98738811
Region: Southwest
Lat/Long: 47.242111 / -122.412389
Clean Up Siteid: 3750
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank: Not reported
Has Institutional Control: True

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ARCO 5727
Address: 1440 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 98738811
Region: Southwest
Lat/Long: 47.242111 / -122.412389
Clean Up Siteid: 3750
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank: Not reported
Has Institutional Control:True
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ARCO 5727
Address: 1440 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 98738811
Region: Southwest
Lat/Long: 47.242111 / -122.412389
Clean Up Siteid: 3750
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank: Not reported
Has Institutional Control:True
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UST:
Name: PILOT TRAVEL CENTER #1173
Address: 1440 PUYALLUP AVE

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

City:	TACOMA
Zip:	98421
Facility ID:	98738811
Site Id:	100170
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242111
Decimal Longitude:	-122.412389

Tank Name:	#5 DIESEL
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	03/29/2011
Tank Install Date:	06/14/2005
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	REGULAR 1
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	SUPER 4
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD 2
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD 3
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

INST CONTROL:

Name:	ARCO 5727
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	98738811
Latitude:	47.242111
Longitude:	-122.412389

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0151218023e+011
Filing Date Of Individual IC Doc:	12/18/2015
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	4715010367
Control Active:	True
CS ID:	3750
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	True
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	ARCO 5727
Facility Id:	98738811

WA Financial Assurance 1:

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2016
Address 2:	Not reported
Policy Number:	STP-107200
Effective Date:	04/19/2015
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2017
Address 2:	Not reported
Policy Number:	STP-111845
Effective Date:	04/19/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2018
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	UST G28150039 002
Effective Date:	09/01/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2017
Expiration Date:	04/19/2018
Address 2:	Not reported
Policy Number:	STP-117403
Effective Date:	04/19/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2016
Expiration Date:	09/01/2019
Address 2:	Not reported

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Policy Number:	PPL G28150052 001
Effective Date:	09/01/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2016
Address 2:	Not reported
Policy Number:	STP-107200
Effective Date:	04/19/2015
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2017
Address 2:	Not reported
Policy Number:	STP-111845
Effective Date:	04/19/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2018
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	UST G28150039 002
Effective Date:	09/01/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2017
Expiration Date:	04/19/2018
Address 2:	Not reported
Policy Number:	STP-117403
Effective Date:	04/19/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2016
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	PPL G28150052 001
Effective Date:	09/01/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

BA200 **WA DOT DEDENTE BUILDING** **WA CSCSL** **U003759243**
WNW **2101 PACIFIC AVENUE** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA UST**
0.551 mi. **WA ALLSITES**
2907 ft. **Site 1 of 2 in cluster BA**

Relative:
Higher

Actual:
56 ft.

CSCSL:

Name:	WA DOT DEDENTE BLDG SITE
Address:	2101 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	92371125
Region:	Southwest
Lat/Long:	47.242797715810 / -122.4356487293
Clean Up Siteid:	11064
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	WA DOT DEDENTE BUILDING
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	WA DOT DEDENTE BLDG SITE
Address:	2101 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	92371125
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	11064
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	WA DOT DEDENTE BUILDING
Response Section:	Southwest
Release Date:	07/06/1995
Lust Date:	07/06/1995
Region:	Southwest
Lust ID:	5620
UST ID:	556471
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2427977 / -122.43564

UST:

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402
Facility ID:	92371125
Site Id:	556471
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2427977158105
Decimal Longitude:	-122.435648729325

Tank Name:	USTE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402

Tank Name:	USTN
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402

Tank Name:	USTS
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WA DOT DEDENTE BLDG SITE
Facility Id:	92371125

BA201 **PUGNETTI PARK** **WA HSL** **1007071036**
WNW **2085 PACIFIC AVE S** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.552 mi. **FINDS**
2912 ft. **Site 2 of 2 in cluster BA**

Relative:
Higher

Actual:
56 ft.

HSL:

Name:	PUGNETTI PARK
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	42385149
Rank:	2
Region:	SW
EDR Link ID:	42385149
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	PUGNETTI PARK
Address:	2085 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	42385149
Region:	Southwest
Lat/Long:	47.243418573863 / -122.4358456263
Clean Up Siteid:	4448

PUGNETTI PARK (Continued) **1007071036**

Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PUGNETTI PARK
Address: 2085 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 42385149
Region: Southwest
Lat/Long: 47.243418573863 / -122.4358456263
Clean Up Siteid: 4448
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PUGNETTI PARK
Facility Id: 42385149

FINDS:
Registry ID: 110015476509

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

202 SW 1/2-1 0.563 mi. 2973 ft.

28TH ST CITY OF TACOMA PROPERTY
2801 PACIFIC AVE
TACOMA, WA 98402

WA HSL
WA CSCSL
WA ALLSITES
FINDS
WA ASBESTOS

1008911997
N/A

Relative: Higher

Actual: 126 ft.

HSL:

Name:	28TH ST CITY OF TACOMA PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	362821
Rank:	5
Region:	SW
EDR Link ID:	362821
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	28TH ST CITY OF TACOMA PROPERTY
Address:	2801 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	362821
Region:	Southwest
Lat/Long:	47.236 / -122.434342
Clean Up Siteid:	3208
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	28TH ST ASPHALT PAVING & CURB/GUTTER IMPROVEMENT,28TH STREET
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	28TH ST CITY OF TACOMA PROPERTY
Facility Id:	362821

FINDS:

Registry ID:	110022928144

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ASBESTOS:

Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	0
Form ID:	107063##1210Therm974545
Notice Date:	10/14/2015
Start Date:	10/26/2015
Completion Date:	11/18/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-10-14 13:40:53
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	107063
Form ID:	107546##1210Therm764368
Notice Date:	10/27/2015
Start Date:	10/26/2015

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Completion Date:	11/18/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	ON HOLD Tuesday 10-27-15 at 730am
Date Time Submitted:	2015-10-27 07:31:46
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	107063
Form ID:	107584##1210Therm803790
Notice Date:	10/27/2015
Start Date:	10/26/2015
Completion Date:	10/27/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	1:45 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	OFF HOLD and completed at of Tuesday 10-27-15
Date Time Submitted:	2015-10-27 13:48:56
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

203
WSW
1/2-1
0.569 mi.
3005 ft.

Relative:
Higher

Actual:
115 ft.

SMITTYS FLEET SVC INC
2718 PACIFIC AVE
TACOMA, WA 98402

WA CSCSL **1000838597**
WA LUST **WAD988513842**
WA UST
WA SWRCY
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

CSCSL:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5947319
Region:	Southwest
Lat/Long:	47.23625 / -122.43498
Clean Up Siteid:	7678
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Smittys Fleet Svc Inc
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5947319
Lust Status Type:	LUST - Awaiting Cleanup

SMITTYS FLEET SVC INC (Continued) **1000838597**

Cleanup Site ID:	7678
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Smittys Fleet Svc Inc
Response Section:	Southwest
Release Date:	10/22/1990
Lust Date:	10/22/1990
Region:	Southwest
Lust ID:	1727
UST ID:	200357
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23625 / -122.43498

UST:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	5947319
Site Id:	200357
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23625
Decimal Longitude:	-122.43498

Tank Name:	1.L/FREE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2.REGULAR
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3.DIES-FRT
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	4.DIES-BLD
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	5.DRAIN OIL
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

SWRCY:

Name:	D&D AUTOMOTIVE
Address:	2718 PACIFIC AVENUE
City,State,Zip:	TACOMA, WA 98402
Phone:	253-383-3307
Website:	Not reported
Material Accepted:	Used Motor Oil & Filters
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri 8am-5pm
Comments:	Will take up to 5 gallons.
Material Category:	Automotive
Organization ID:	1174
Organization Name:	D&D Automotive
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

ALLSITES:

Name:	SMITTYS FLEET SVC INC
Facility Id:	5947319

RCRA Listings:

Date Form Received by Agency:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Handler Address:	2718 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988513842
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2220 S TACOMA WAY
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	SMITTYS FLEET SVC INC
Owner Type:	Private
Operator Name:	SMITTYS FLEET SVC INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:53.0

SMITTYS FLEET SVC INC (Continued) **1000838597**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET S S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

SMITTYS FLEET SVC INC (Continued) **1000838597**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

SMITTYS FLEET SVC INC (Continued) **1000838597**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005380783

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838597
Registry ID:	110005380783
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005380783
Name:	SMITTYS FLEET SVC INC
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

BB204 **UNION STATION MUSEUM** **WA CSCSL** **U003352715**
WNW **1917 PACIFIC AVE SO** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA UST**
0.581 mi. **WA ALLSITES**
3067 ft. **Site 1 of 3 in cluster BB**

Relative:
Higher

Actual:
48 ft.

CSCSL:

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported

UNION STATION MUSEUM (Continued) **U003352715**

Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641

UNION STATION MUSEUM (Continued) **U003352715**

Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address: 1917 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 54459981
Region: Southwest
Lat/Long: 47.24448 / -122.43655
Clean Up Siteid: 9641
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address: 1917 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 54459981
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9641
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNION STATION MUSEUM
Response Section: Southwest
Release Date: 10/01/1992
Lust Date: 01/06/2012
Region: Southwest
Lust ID: 2355
UST ID: 101729
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels

UNION STATION MUSEUM (Continued) **U003352715**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Diesel
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981

UNION STATION MUSEUM (Continued) **U003352715**

Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Benzene
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

UST:

Name:	UNION STATION MUSEUM
Address:	1917 PACIFIC AVE SO
City:	TACOMA
Zip:	98402
Facility ID:	54459981
Site Id:	101729
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24448
Decimal Longitude:	-122.43655

Tank Name:	1

UNION STATION MUSEUM (Continued) **U003352715**

Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	UNION STATION MUSEUM
Facility Id:	54459981

BB205 **WASHINGTON STATE HISTORY MUSEUM** **WA HSL** **S108479706**
WNW **1911 PACIFIC AVE** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.582 mi.
3071 ft. **Site 2 of 3 in cluster BB**

Relative:
Higher

Actual:
47 ft.

HSL:

Name:	WASHINGTON STATE HISTORY MUSEUM
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	4553045
Rank:	4
Region:	SW
EDR Link ID:	4553045
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	WASHINGTON STATE HISTORY MUSEUM
Address:	1911 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4553045

WASHINGTON STATE HISTORY MUSEUM (Continued) **S108479706**

Region: Southwest
Lat/Long: 47.245080118084 / -122.4362511998
Clean Up Siteid: 3332
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BURLINGTON NORTHERN RAILROAD MAINTENANCE YARD PACIFIC AVE
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WASHINGTON STATE HISTORY MUSEUM
Facility Id: 4553045

BC206 **ON THE WATER LLC** **WA CSCSL** **S113230112**
WSW **2502 S C ST** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.598 mi. **WA MANIFEST**
3158 ft. **Site 1 of 2 in cluster BC**

Relative: Higher
Actual: 111 ft.

CSCSL:
Name: ON THE WATER LLC
Address: 2502 S C ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 19069
Region: Southwest
Lat/Long: 47.23851 / -122.43712
Clean Up Siteid: 12178
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: On the Water LLC/Warehouse
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ON THE WATER LLC
Address: 2502 S C ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 19069
Region: Southwest
Lat/Long: 47.23851 / -122.43712

ON THE WATER LLC (Continued) **S113230112**

Clean Up Siteid:	12178
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	On the Water LLC/Warehouse
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Lust Status Type:	LUST - NFA
Cleanup Site ID:	12178
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	On the Water LLC/Warehouse
Response Section:	Southwest
Release Date:	04/15/2013
Lust Date:	12/23/2013
Region:	Southwest
Lust ID:	6765
UST ID:	619986
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23851 / -122.43712

ALLSITES:

Name:	ON THE WATER LLC
Facility Id:	19069

WA MANIFEST:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	19069
EPA ID:	WAH000042860
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D018, D008
Form Comm:	Not reported

ON THE WATER LLC (Continued) **S113230112**

Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602615369
Business Type:	Automotive
Mail Name:	On the Waster LLC
Mailing Address:	PO Box 1266
Mailing City,State,Zip:	Gig Harbor, WA 98335-3266
Legal Organization Name:	On the Waster LLC
Legal Organization Type:	Tribal
Legal Contact:	Not reported
Legal Address:	PO Box 1266
Legal Address 2:	Not reported
Legal City,State,Zip:	Gig Harbor, WA 98335-3266
Legal Phone Number:	253-851-9309
Legal Effective Date:	Not reported
Land Organization Name:	On the Waster LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 1266
Land City,State,Zip:	Gig Harbor, WA 98335-3266
Land Phone Number:	253-851-9309
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	253-502-2175
Operator Effective Date:	Not reported
Site Contact:	City of Tacoma
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-502-2175
Site Contact Email:	Joloughl@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

ON THE WATER LLC (Continued) **S113230112**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Benezene and lead
CORb Sequence Number:	142120
Sequence Number:	3234860
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	GAL
Kilograms Quanity:	2258.92803
Density Number:	8.30000000
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	1674147
Shipment Date:	2013-02-11 00:00:00
Mainfest Document ID:	000072620DAT
Reported Quanity:	600
Unit of Measure:	GAL
Kilograms Quanity:	2258.92803
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	796395
Received EPAID:	WAD991281767
Managed Quanity:	600
Kilogram Quanity:	2258.92803
Recycled Percentage:	0
Waste Management System Code:	H135

Waste Stream Comments:

ON THE WATER LLC (Continued) **S113230112**

CORB Waste Sequence Number: 142120
Comments: A-8 resisual fuel from underground storage tank.
Waste Sequence Number: 3234860
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 142120
Waste Sequence Number: 3234860
Sequence Number: 7159563
WCDA Code: D008

Waste Sequence Number: 3234860
Sequence Number: 7159562
WCDA Code: D018

Waste Stream Source Code:
CORB Waste Sequence Number: 142120
Waste Sequence Number: 3234860
Sequence Number: 1
WCDD Code: G45

---

207 NE 1/2-1 0.611 mi. 3226 ft.

TACOMA TAR PITS
PORTLAND AV & RIVER ST
TACOMA, WA 98402

SEMS **1000334233**
WA HSL **WAD980723795**
WA CSCSL
WA ALLSITES
CONSENT

Relative: Lower
Actual: 13 ft.

SEMS:
Site ID: 1000965
EPA ID: WAD980723795
Name: TACOMA TAR PITS
Address: PORTLAND AV & RIVER ST
Address 2: Not reported
City,State,Zip: TACOMA, WA 98402
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000965
EPA ID: WAD980723795
Site Name: TACOMA TAR PITS
NPL: A
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1982-02-01 05:00:00
Finish Date: 2/1/1982 5:00:00 AM
Qual: Not reported

TACOMA TAR PITS (Continued) **1000334233**

Current Action Lead: EPA Perf

Region: 10
Site ID: 1000965
EPA ID: WAD980723795
Site Name: TACOMA TAR PITS
NPL: A
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1992-03-01 05:00:00
Finish Date: 4/22/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000965
EPA ID: WAD980723795
Site Name: TACOMA TAR PITS
NPL: A
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1982-04-01 05:00:00
Finish Date: 4/1/1982 5:00:00 AM
Qual: H
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000965
EPA ID: WAD980723795
Site Name: TACOMA TAR PITS
NPL: A
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-03-01 05:00:00
Finish Date: 3/1/1983 5:00:00 AM
Qual: A
Current Action Lead: EPA Perf

HSL:
Name: TACOMA TAR PITS
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List

TACOMA TAR PITS (Continued) **1000334233**

Facility Status: CC-Perf. Monitoring
FSID Number: 221
Rank: 0
Region: EPA
EDR Link ID: 221
Region Decode: Not reported

CSCSL:
Name: TACOMA TAR PITS
Address: PORTLAND AVE & RIVER
City,State,Zip: TACOMA, WA 98401
Facility ID: 221
Region: Southwest
Lat/Long: 47.245667283647 / -122.4192900001
Clean Up Siteid: 622
Site Status: CC-Perf. Monitoring
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: TACOMA TAR PITS
Address: PORTLAND AVE & RIVER
City,State,Zip: TACOMA, WA 98401
Facility ID: 221
Region: Southwest
Lat/Long: 47.245667283647 / -122.4192900001
Clean Up Siteid: 622
Site Status: CC-Perf. Monitoring
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: TACOMA TAR PITS
Address: PORTLAND AVE & RIVER
City,State,Zip: TACOMA, WA 98401
Facility ID: 221
Region: Southwest

TACOMA TAR PITS (Continued) **1000334233**

Lat/Long: 47.245667283647 / -122.4192900001
Clean Up Siteid: 622
Site Status: CC-Perf. Monitoring
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: TACOMA TAR PITS
Address: PORTLAND AVE & RIVER
City,State,Zip: TACOMA, WA 98401
Facility ID: 221
Region: Southwest
Lat/Long: 47.245667283647 / -122.4192900001
Clean Up Siteid: 622
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

ALLSITES:
Name: TACOMA TAR PITS
Facility Id: 221

CONSENT:
EPA ID: WAD980723795
Site ID: Not reported
Case Title: Not reported
Court Num: Not reported
District: Not reported
Entered Date: Not reported
Name: US V. PUGET SOUND POWER & LIGHT CO.
Name: TACOMA TAR PITS
Address: PORTLAND AV & RIVER ST
City,State,Zip: TACOMA, WA 98402
County: PIERCE

208 SW 1/2-1 0.613 mi. 3238 ft. | **WSDOT SR 705 ON RAMP TO SB I-5** | **WA CSCSL** | **S123096555**
WA ALLSITES | **N/A**

PIERCE (County), WA

Relative: Higher
Actual: 159 ft.

CSCSL:

Name:	WSDOT SR 705 ON RAMP TO SB I-5
Address:	Not reported
City,State,Zip:	WA
Facility ID:	27197
Region:	Southwest
Lat/Long:	47.233867 / -122.433105
Clean Up Siteid:	14642
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WSDOT SR 705 ON RAMP TO SB I-5
Facility Id:	27197

BC209 WSW 1/2-1 0.614 mi. 3241 ft. | **25TH & HOLGATE S TACOMA** | **WA HSL** | **1007080126**
25TH & HOLGATE S | **WA CSCSL** | **N/A**
TACOMA, WA 98402 | **WA ALLSITES**
FINDS

Site 2 of 2 in cluster BC

Relative: Higher
Actual: 116 ft.

HSL:

Name:	25TH & HOLGATE S TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	16358
Rank:	3
Region:	SW
EDR Link ID:	16358
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	25TH & HOLGATE S TACOMA
Address:	25TH & HOLGATE S
City,State,Zip:	TACOMA, WA 98402

25TH & HOLGATE S TACOMA (Continued) **1007080126**

Facility ID:	16358
Region:	Southwest
Lat/Long:	47.23858 / -122.43743
Clean Up Siteid:	1763
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	25TH & HOLGATE S TACOMA
Address:	25TH & HOLGATE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	16358
Region:	Southwest
Lat/Long:	47.23858 / -122.43743
Clean Up Siteid:	1763
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	25TH & HOLGATE S TACOMA
Facility Id:	16358

FINDS:

Registry ID: 110015568447

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

25TH & HOLGATE S TACOMA (Continued) **1007080126**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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210 West 1/2-1 0.616 mi. 3254 ft.

COLUMBIA ENERGY RESOURCES
2120 S C ST
TACOMA, WA 98402

WA CSCSL **U003353200**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES

Relative: Higher

Actual: 92 ft.

CSCSL:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	43392187
Region:	Southwest
Lat/Long:	47.242053410976 / -122.4380070919
Clean Up Siteid:	11837
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	43392187
Region:	Southwest
Lat/Long:	47.242053410976 / -122.4380070919
Clean Up Siteid:	11837
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402
Facility ID:	43392187
Site Id:	11237
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2420534109762
Decimal Longitude:	-122.438007091909

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	43392187
Latitude:	47.242053411
Longitude:	-122.43800709
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0170811022e+011
Filing Date Of Individual IC Doc:	08/11/2017
Education Programs:	False

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	2021060014
Control Active:	True
CS ID:	11837
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

ALLSITES:

Name:	COLUMBIA ENERGY RESOURCES A LIMITED P
Facility Id:	43392187

BB211 **SHAUB ELLISON CO TACOMA** **WA CSCSL** **1007078518**
WNW **1902 PACIFIC AVE** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA UST**
0.617 mi. **WA ALLSITES**
3260 ft. **Site 3 of 3 in cluster BB**

Relative: Higher

Actual: 60 ft.

CSCSL:

Name:	SHAUB-ELLISON CO/UW TACOMA BRANCH
Address:	1902 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4283388
Region:	Southwest
Lat/Long:	47.24459 / -122.43681
Clean Up Siteid:	7568
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	SHAUB ELLISON CO,SHAUB ELLISON CO TACOMA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SHAUB-ELLISON CO/UW TACOMA BRANCH
Address:	1902 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4283388
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7568
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SHAUB ELLISON CO,SHAUB ELLISON CO TACOMA
Response Section:	Southwest
Release Date:	05/01/1993
Lust Date:	05/01/1993
Region:	Southwest
Lust ID:	4060
UST ID:	4883
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24459 / -122.43681

UST:

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	4283388
Site Id:	4883
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24459
Decimal Longitude:	-122.43681
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	5

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SHAUB ELLISON CO
Facility Id:	4283388

BD212 **UNIVERSITY OF WASHINGTON** **WA CSCSL** **U003352838**
WNW **1904 COMMERCE ST** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98409** **WA UST**
0.626 mi. **WA ALLSITES**
3304 ft. **Site 1 of 3 in cluster BD**

Relative:
Higher

Actual:
72 ft.

CSCSL:

Name:	POWER STATION
Address:	1904 COMMERCE ST
City,State,Zip:	TACOMA, WA 98409
Facility ID:	8411422
Region:	Southwest
Lat/Long:	47.244080272304 / -122.4373740881
Clean Up Siteid:	7788
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	UNIVERSITY OF WASHINGTON,WA UNIVERSITY OF WASHINGTON
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

UNIVERSITY OF WASHINGTON (Continued) **U003352838**

Responsible Unit: Southwest

LUST:

Name:	POWER STATION
Address:	1904 COMMERCE ST
City,State,Zip:	TACOMA, WA 98409
Facility ID:	8411422
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7788
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNIVERSITY OF WASHINGTON,WA UNIVERSITY OF WASHINGTON
Response Section:	Southwest
Release Date:	06/29/1995
Lust Date:	06/29/1995
Region:	Southwest
Lust ID:	3878
UST ID:	102250
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2440802 / -122.43737

UST:

Name:	UNIVERSITY OF WASHINGTON
Address:	1904 COMMERCE ST
City:	TACOMA
Zip:	98409
Facility ID:	8411422
Site Id:	102250
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2440802723044
Decimal Longitude:	-122.437374088128
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported

UNIVERSITY OF WASHINGTON (Continued) **U003352838**

Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WA UNIVERSITY OF WASHINGTON
Facility Id:	8411422

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213 ENE 1/2-1 0.635 mi. 3352 ft. **UNION PACIFIC RAILROAD, TACOMA YARD** **WA CSCSL** **S121970508**
2300 CLEVELAND WAY **WA ALLSITES** **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 15 ft.

CSCSL:

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

UNION PACIFIC RAILROAD, TACOMA YARD (Continued) **S121970508**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RAILROAD TACOMA YARD
Facility Id:	67690

BD214 **R & R INVESTMENT** **WA CSCSL** **U003355810**
WNW **1920 C ST S** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA UST**
0.643 mi. **WA ALLSITES**
3393 ft. **Site 2 of 3 in cluster BD**

Relative:
Higher

Actual:
74 ft.

CSCSL:

Name:	U OF W - TACOMA BRANCH CAMPUS
Address:	1920 C ST S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	51567736
Region:	Southwest
Lat/Long:	47.24416 / -122.4375
Clean Up Siteid:	9505
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	R & R INVESTMENT
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

R & R INVESTMENT (Continued) **U003355810**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	U OF W - TACOMA BRANCH CAMPUS
Address:	1920 C ST S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	51567736
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9505
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	R & R INVESTMENT
Response Section:	Southwest
Release Date:	09/30/1993
Lust Date:	09/30/1993
Region:	Southwest
Lust ID:	3305
UST ID:	9204
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24416 / -122.4375

UST:

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402
Facility ID:	51567736
Site Id:	9204
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24416
Decimal Longitude:	-122.4375
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported

R & R INVESTMENT (Continued) **U003355810**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported

R & R INVESTMENT (Continued) **U003355810**

Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

R & R INVESTMENT (Continued) **U003355810**

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

R & R INVESTMENT (Continued) **U003355810**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: R & R INVESTMENT
Facility Id: 51567736

BD215 **WA UW TACOMA BR CAMP** **SEMS-ARCHIVE** **1000179249**
WNW **1930 C ST** **CORRACTS** **WAD980664718**
1/2-1 **TACOMA, WA 98402** **RCRA-TSDF**
0.645 mi. **WA ALLSITES**
3403 ft. **Site 3 of 3 in cluster BD** **RCRA NonGen / NLR**
2020 COR ACTION
Relative: Higher **RAATS**

Actual: 75 ft.

SEMS Archive:
Site ID: 1001551
EPA ID: WAD980664718
Name: ARRCOM INC TACOMA
Address: 1930 C ST
Address 2: Not reported
City,State,Zip: TACOMA, WA 98402
Cong District: 06
FIPS Code: 53053
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 10
Site ID: 1001551
EPA ID: WAD980664718
Site Name: ARRCOM INC TACOMA
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1993-06-29 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 10
Site ID: 1001551
EPA ID: WAD980664718
Site Name: ARRCOM INC TACOMA
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-09-17 04:00:00
Finish Date: 1991-09-17 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

WA UW TACOMA BR CAMP (Continued) **1000179249**

Region:	10
Site ID:	1001551
EPA ID:	WAD980664718
Site Name:	ARRCOM INC TACOMA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1993-06-29 04:00:00
Finish Date:	1993-06-29 04:00:00
Qual:	D
Current Action Lead:	EPA Perf

CORRACTS:

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA010
Actual Date:	1995-10-17 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA050PA
Actual Date:	1992-04-13 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA075ME
Actual Date:	1995-01-18 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA060
Actual Date:	1994-07-01 00:00:00.0
Air Release Indicator:	Y

WA UW TACOMA BR CAMP (Continued) **1000179249**

Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA070YE
Actual Date:	1994-11-01 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA100
Actual Date:	1997-10-01 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	BLECKERT-CRAGLE SUBAREA
Corrective Action:	CA110
Actual Date:	1997-09-02 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	REMAINING AREA
Corrective Action:	CA110
Actual Date:	1997-09-02 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	HOWE PLUME AREA
Corrective Action:	CA110
Actual Date:	1997-09-02 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y

WA UW TACOMA BR CAMP (Continued) **1000179249**

Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	BLECKERT-CRAGLE SUBAREA
Corrective Action:	CA120
Actual Date:	1997-11-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	REMAINING AREA
Corrective Action:	CA120
Actual Date:	1997-11-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Click this hyperlink while viewing on your computer to access
181 additional CORRACTS: record(s) in the EDR Site Report.

RCRA Listings:

Date Form Received by Agency:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Handler Address:	1930 C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980664718
Contact Name:	DAVE LUNDSTROM
Contact Address:	PO BOX 354400
Contact City,State,Zip:	SEATTLE, WA 98195
Contact Telephone:	206-685-2848
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ARRCOM INC
Owner Type:	Private
Operator Name:	PHIPPEN, WENDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Post-Closure Care, Sudden Third-Party Liability, Non-Sudde Third-Party Liability
Handler Date of Last Change:	2018-05-09 13:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC A
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY P
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY

WA UW TACOMA BR CAMP (Continued) **1000179249**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1982-01-06 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	61131
NAICS Description:	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed

WA UW TACOMA BR CAMP (Continued) **1000179249**

Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2000-03-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-12-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	RWW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-01-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-09-17 00:00:00.0
Evaluation Responsible Agency:	State

WA UW TACOMA BR CAMP (Continued) **1000179249**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-10-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-03-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

ALLSITES:

Name:	WA UW TACOMA BR CAMP
Facility Id:	61923571

RCRA Listings:

Date Form Received by Agency:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Handler Address:	1930 C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980664718
Contact Name:	DAVE LUNDSTROM
Contact Address:	PO BOX 354400
Contact City,State,Zip:	SEATTLE, WA 98195
Contact Telephone:	206-685-2848
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ARRCOM INC
Owner Type:	Private
Operator Name:	PHIPPEN, WENDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

WA UW TACOMA BR CAMP (Continued) **1000179249**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Post-Closure Care, Sudden Third-Party Liability, Non-Sudde Third-Party Liability
Handler Date of Last Change:	2018-05-09 13:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC A
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY P
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1982-01-06 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified

WA UW TACOMA BR CAMP (Continued) **1000179249**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61131
NAICS Description: COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2000-03-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Date:	1993-12-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	RWW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-01-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-10-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-03-24 00:00:00.0
Evaluation Responsible Agency:	State

WA UW TACOMA BR CAMP (Continued) **1000179249**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

2020 COR ACTION:

EPA ID:	WAD980664718
Region:	10
Action:	Not reported

RAATS:

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005(A)
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	22,000.00
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 270.10(F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision

WA UW TACOMA BR CAMP (Continued) **1000179249**

Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005(A)
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	22,000.00
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 270.10(F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

216
North
1/2-1
0.650 mi.
3431 ft.

Relative:
Lower

Actual:
10 ft.

RAINIER RICHLITE CO
624 E 15TH ST
TACOMA, WA 98421

RCRA-VSQG **1000891764**
WA CSCSL **98421RNRPL624E1**
WA LUST
WA ALLSITES
TRIS
ICIS
US AIRS
FINDS
ECHO
CA HAZNET
WA MANIFEST
WA NPDES

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Handler Address:	624 E 15TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988506010
Contact Name:	CAROL BURGESS
Contact Address:	624 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-682-1119
Contact Fax:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Contact Email:	CAROL@RICHLITE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	RAINIER PLYWOOD
Owner Type:	Private
Operator Name:	RAINIER PLYWOOD CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

RAINIER RICHLITE CO (Continued) **1000891764**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:10:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD R
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD R
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
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Owner/Operator Indicator:	Operator
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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Owner/Operator Name:	RAINIER PLYWOOD CO
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
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RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
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Legal Status:	Private
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Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
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Owner/Operator Telephone:	253-383-5533
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-19 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Electronic Manifest Broker:	Not reported
Receive Date:	1998-10-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-04-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-02 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-13 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-06-18 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified

RAINIER RICHLITE CO (Continued) **1000891764**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-04-29 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-04 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-19 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Receive Date:	2012-03-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-16 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-06 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-13 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-18 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322220
NAICS Description:	PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING
NAICS Code:	322222
NAICS Description:	COATED AND LAMINATED PAPER MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-05-21 00:00:00.0
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-06-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2000-10-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2000-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2013-05-21 00:00:00.0
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-06-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Large Quantity Handlers
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2000-10-03 00:00:00.0
Scheduled Compliance Date:	2000-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

RAINIER RICHLITE CO (Continued) **1000891764**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0

RAINIER RICHLITE CO (Continued) **1000891764**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

CSCSL:

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421

RAINIER RICHLITE CO (Continued) **1000891764**

Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Phenolic Compounds
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest

RAINIER RICHLITE CO (Continued) **1000891764**

Lust ID:	2075
UST ID:	1545
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Lat/Long: 47.25076 / -122.42438

Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 81457934
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10604
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section: Southwest
Release Date: 06/18/1992
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 2075
UST ID: 1545
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.25076 / -122.42438

Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 81457934
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10604
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section: Southwest
Release Date: 06/18/1992
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 2075
UST ID: 1545
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.25076 / -122.42438

ALLSITES:
Name: RAINIER PLYWOOD
Facility Id: 81457934

Facility, Chemical, Releases and Other Waste Management Summary Information:
TRI ID: 98421RNRPL624E1

RAINIER RICHLITE CO (Continued) **1000891764**

Form Type:	Form R
Reporting year:	2018
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	PRESIDENT RODNEY BAUM
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2019-06-26
Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	RAINIER PLYWOOD CO
Mailing street:	624 E 15TH ST
Mailing province:	Not reported
Mailing City,State,Zip:	TACOMA, WA 98421
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	RODNEY BAUM
Public contact phone and Ext:	2533835533 111
Public contact email:	RODNEY@RICHLITE.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	322299
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	47.250585
Longitude:	-122.424002
D and B number A:	009254871
D and B number B:	Not reported
RCRA number A:	WAD988506010
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	WAR001971
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Parent company D and B number:		Not reported
Standardized parent company name:		NA
Document control number:		1318217178920
TRI ID:		98421RNRPL624E1
Cas number:		000067561
Chemical name:	METHANOL	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		04
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		3315
Stack air emissions - release range code:		Not reported
Total stack air emissions:		3315
Stack air emissions - basis of estimate:		Other
Total air emissions:		3315
Discharges to stream a - stream name:		Not reported
Total discharges to stream a:		Not reported
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported
Total discharges to stream g:		Not reported
Discharges to stream g - basis of estimate:		Not reported
Discharges to stream g - % from stormwater:		Not reported
Total number of receiving streams:		0
Total surface water discharge:		0
Total on-site underground inj - pounds:		0
On-site underground inj - basis of estimate:		Not reported
Total on-site ugrnd inj to cl i wells - pounds:		0
On-site underground inj to c1 i wells - basis of estimate:		Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:		0
On-site ungrnd inj to cl ii-v wells - basis of estimate:		Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	3315
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	415758
Treated on site current year:	649622
Total on-site waste management:	1065380
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No

RAINIER RICHLITE CO (Continued) **1000891764**

As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0

RAINIER RICHLITE CO (Continued) **1000891764**

On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	3414
Other on-site releases - current year:	3315
Other on-site releases - following year:	3646
Other on-site releases - 2nd-following year:	3412
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	420631
Energy recovery on site current year:	415758
Energy recovery on site following year:	457338
Energy recovery on site 2nd-following year:	435124
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	657237
Quantity treated on site current year:	649622
Quantity treated on site following year:	714584
Quantity treated on site 2nd-following year:	676235
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	98421RNRPL624E1
Cas number:	000050000
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	270
Stack air emissions - release range code:	Not reported
Total stack air emissions:	270
Stack air emissions - basis of estimate:	Other
Total air emissions:	270
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0

RAINIER RICHLITE CO (Continued) **1000891764**

On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	270
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	32272
Treated on site current year:	50425
Total on-site waste management:	82697
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	Yes
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No

RAINIER RICHLITE CO (Continued) **1000891764**

P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI

RAINIER RICHLITE CO (Continued) **1000891764**

Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	261
Other on-site releases - current year:	270
Other on-site releases - following year:	297
Other on-site releases - 2nd-following year:	270
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	32743
Energy recovery on site current year:	32272
Energy recovery on site following year:	35499
Energy recovery on site 2nd-following year:	37112
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	51161
Quantity treated on site current year:	50425
Quantity treated on site following year:	55467
Quantity treated on site 2nd-following year:	57988
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		98421RNRPL624E1
Cas number:		000108952
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		03
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		341
Stack air emissions - release range code:		Not reported
Total stack air emissions:		341
Stack air emissions - basis of estimate:		Other
Total air emissions:		341
Discharges to stream a - stream name:		Not reported
Total discharges to stream a:		Not reported
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported
Total discharges to stream g:		Not reported
Discharges to stream g - basis of estimate:		Not reported
Discharges to stream g - % from stormwater:		Not reported
Total number of receiving streams:		0
Total surface water discharge:		0

RAINIER RICHLITE CO (Continued) **1000891764**

Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	341
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	90588
Treated on site current year:	141543
Total on-site waste management:	232131
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:		000108952
Document control number:		1318217178932
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		Yes
P101 feedstocks:		No
P102 raw materials:		No
P103 intermediates:		No
P104 initiators:		No
P199 other:		No
Added as a formulation component:		Yes
P201 additives:		No
P202 dyes:		No
P203 reaction diluents:		No
P204 initiators:		No
P205 solvents:		No
P206 inhibitors:		No
P207 emulsifiers:		No
P208 surfactants:		No

RAINIER RICHLITE CO (Continued) **1000891764**

P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000108952

RAINIER RICHLITE CO (Continued) **1000891764**

Document control number:		1318217178932
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
On-site limited releases - prior year:		0
On-site limited releases - current year:		0
On-site limited releases - following year:		0
On-site limited releases - 2nd-following year:		0
Other on-site releases - prior year:		330
Other on-site releases - current year:		341
Other on-site releases - following year:		375
Other on-site releases - 2nd-following year:		360
Off-site limited releases - prior year:		0
Off-site limited releases - current year:		0
Off-site limited releases - following year:		0
Off-site limited releases - 2nd-following year:		0
Other off-site releases - previous year:		0
Other off-site releases - current year:		0
Other off-site releases - following year:		0
Other off-site releases - 2nd-following year:		0
Energy recovery on site prior year:		91910
Energy recovery on site current year:		90588
Energy recovery on site following year:		99646
Energy recovery on site 2nd-following year:		95466
Energy recovery off site prior year:		0
Energy recovery off site current year:		0
Energy recovery off site following year:		0
Energy recovery off site 2nd-following year:		0
Quantity recycled on site prior year:		0
Quantity recycled on site current year:		0
Quantity recycled on site following year:		0
Quantity recycled on site 2nd-following year:		0
Quantity recycled off site prior year:		0
Quantity recycled off site current year:		0
Quantity recycled off site following year:		0
Quantity recycled off site 2nd-following year:		0
Quantity treated on site prior year:		143610
Quantity treated on site current year:		141543
Quantity treated on site following year:		155697
Quantity treated on site 2nd-following year:		151234
Quantity treated off site prior year:		0
Quantity treated off site current year:		0
Quantity treated off site following year:		0
Quantity treated off site 2nd-following year:		0
Catastrophic releases or other one-time events:		Not reported
Prod ratio/activity index:		1
Prod ratio or activity:		PRODUCTION
1st SR reduction activity:		NA-Na
1st SR activity ID meth code and desc 1:		Not reported
1st SR activity ID meth code and desc 2:		Not reported
1st SR activity ID meth code and desc 3:		Not reported
EST Ann REDN 1st source REDN act code and desc:		Not reported
2nd SR activity code and desc:		Not reported
2nd SR activity ID meth code and desc 1:		Not reported
2nd SR activity ID meth code and desc 2:		Not reported
2nd SR activity ID meth code and desc 3:		Not reported
EST Ann REDN 2nd source REDN act code and desc:		Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000108952
Document control number:	1318217178932
Chemical name:	PHENOL
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

ICIS:

Enforcement Action ID:	WAPSCA0000530530021800054
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800054
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800040
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800040
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800036
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800036
Facility Name:	RAINIER RICHLITE CO

RAINIER RICHLITE CO (Continued) **1000891764**

Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800027
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800027
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800024
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800024
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800019

RAINIER RICHLITE CO (Continued) **1000891764**

FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800019
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800018
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800018
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800016
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800016
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220

RAINIER RICHLITE CO (Continued) **1000891764**

Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530021800014
FRS ID: 110001916767
Action Name: RAINIER RICHLITE CO 530530021800014
Facility Name: RAINIER RICHLITE CO
Facility Address: 624 E 15TH ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.25062
Longitude in Decimal Degrees: -122.42487
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300218
Facility NAICS Code: 322220
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530021800011
FRS ID: 110001916767
Action Name: RAINIER RICHLITE CO 530530021800011
Facility Name: RAINIER RICHLITE CO
Facility Address: 624 E 15TH ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.25062
Longitude in Decimal Degrees: -122.42487
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300218
Facility NAICS Code: 322220
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530021800010
FRS ID: 110001916767
Action Name: RAINIER RICHLITE CO 530530021800010
Facility Name: RAINIER RICHLITE CO
Facility Address: 624 E 15TH ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.25062
Longitude in Decimal Degrees: -122.42487

RAINIER RICHLITE CO (Continued) **1000891764**

Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530021800009
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800009
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530021800007
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800007
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530021800003
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800003
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	10-2006-0346
FRS ID:	110001916767
Action Name:	RAINIER PLYWOOD CO DBA RICHLITE CO
Facility Name:	RICHLITE
Facility Address:	624 E 15TH STREET TACOMA, WA 98421
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.2508
Longitude in Decimal Degrees:	-122.424
Permit Type Desc:	Not reported
Program System Acronym:	200000371
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

US AIRS (AFS):
Envid: 1000891764
Region Code: 10
County Code: WA053
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
D and B Number: Not reported
Facility Site Name: RAINIER RICHLITE CO
Primary SIC Code: Not reported
NAICS Code: 322220
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-10-21 00:00:00
Activity Status Date: 2014-12-11 17:03:40
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10

RAINIER RICHLITE CO (Continued) **1000891764**

Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-08-24 00:00:00
Activity Status Date: 2015-09-11 16:55:19
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2016-05-26 00:00:00
Activity Status Date: 2016-07-08 16:32:09
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-05-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-11-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-03-14 00:00:00

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-04-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-09-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-09-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-10-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR

RAINIER RICHLITE CO (Continued) **1000891764**

Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-06-07 00:00:00
Activity Status Date: 2012-06-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2005-12-16 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10

RAINIER RICHLITE CO (Continued) **1000891764**

Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-09 00:00:00

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-10-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR

RAINIER RICHLITE CO (Continued) **1000891764**

Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-10-07 00:00:00
Activity Status Date: 2005-10-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 10

RAINIER RICHLITE CO (Continued) **1000891764**

Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-12-13 00:00:00
Activity Status Date:	2005-12-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-09-18 00:00:00
Activity Status Date:	2008-09-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-03-29 00:00:00
Activity Status Date:	2004-03-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-01-24 00:00:00
Activity Status Date:	2005-01-24 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-04-14 00:00:00
Activity Status Date:	2005-04-14 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-23 00:00:00
Activity Status Date: 2005-05-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-06-02 00:00:00
Activity Status Date: 2005-06-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-20 00:00:00
Activity Status Date: 2005-07-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-29 00:00:00
Activity Status Date: 2005-08-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-23 00:00:00

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status Date:	2005-09-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-10-04 00:00:00
Activity Status Date:	2005-10-04 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-16 00:00:00
Activity Status Date:	2008-07-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

FINDS:
Registry ID: 110001916767

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR EMISSIONS CLASSIFICATION UNKNOWN
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are

RAINIER RICHLITE CO (Continued) **1000891764**

transported off-site.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
AIR MAJOR
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000891764
Registry ID:	110001916767
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001916767
Name:	RAINIER RICHLITE
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421

HAZNET:

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 984211606
Contact:	SHAWN ODAY
Telephone:	2533835533
Mailing Name:	Not reported
Mailing Address:	624 E 15TH ST
Year:	2009
Gepaid:	WAD988506010
TSD EPA ID:	CAD980884183
CA Waste Code:	271 - Organic monomer waste (includes unreacted resins)

RAINIER RICHLITE CO (Continued) **1000891764**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.6687
Year:	2008
Gepaid:	WAD988506010
TSD EPA ID:	CAD980884183
CA Waste Code:	271 - Organic monomer waste (includes unreacted resins)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.68805
Year:	2008
Gepaid:	WAD988506010
TSD EPA ID:	CAD980884183
CA Waste Code:	271 - Organic monomer waste (includes unreacted resins)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.834
Year:	1995
Gepaid:	WAD988506010
TSD EPA ID:	CAD009452657
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0.2502
Year:	1995
Gepaid:	WAD988506010
TSD EPA ID:	CAD009452657
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	4.0925

Additional Info:

Year:	2008
Gen EPA ID:	WAD988506010
Shipment Date:	20080912
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080918
Manifest ID:	001365724JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G

RAINIER RICHLITE CO (Continued) **1000891764**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080219
Creation Date:	5/5/2008 18:30:17
Receipt Date:	20080225
Manifest ID:	001368721JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	WAD988506010
Shipment Date:	19950420
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950428
Manifest ID:	95024129
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	1.7225
Waste Quantity:	3445
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Shipment Date:	19950420
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950428
Manifest ID:	95024129
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	2.37
Waste Quantity:	4740
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950109
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950331
Manifest ID:	93523924
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	WAD988506010

Shipment Date:	20091117
Creation Date:	2/3/2010 18:30:16
Receipt Date:	20091207
Manifest ID:	001364694JJK
Trans EPA ID:	CAD983649880

RAINIER RICHLITE CO (Continued) **1000891764**

Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	420
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090903
Creation Date:	10/12/2009 18:30:08
Receipt Date:	20090915
Manifest ID:	001365916JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2017

RAINIER RICHLITE CO (Continued) **1000891764**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533

RAINIER RICHLITE CO (Continued) **1000891764**

Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Jose Ramirez
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	2533200761
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934

RAINIER RICHLITE CO (Continued) **1000891764**

EPA ID:		WAD988506010
NAICS:		322220
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001,F003	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		278013246
Business Type:		Not reported
Mail Name:		Rainier Plywood
Mailing Address:		624 E 15TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1606
Legal Organization Name:		Rainier Plywood
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		624 E 15TH ST
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98421-1606
Legal Phone Number:		(253)383-5533
Legal Effective Date:		05/03/1996
Land Organization Name:		Rainier Plywood
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		624 E 15TH ST
Land City,State,Zip:		TACOMA, WA 98421-1606
Land Phone Number:		(253)383-5533
Operator Organization Name:		RAINIER PLYWOOD CO
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		624 E 15TH ST
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421-1606
Operator Phone Number:		253-383-5533
Operator Effective Date:		01/01/1997
Site Contact:		Shawn ODay
Site Contact Address:		624 E 15th St
Contact City,State,Zip:		TACOMA, WA 98421
Site Contact Phone Number:		(253)383-5533
Site Contact Email:		Not reported
Gen Status Code:		SQG
Monthly Generation:		True

RAINIER RICHLITE CO (Continued) **1000891764**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996

RAINIER RICHLITE CO (Continued) **1000891764**

Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		RAINIER PLYWOOD
Address:		624 E 15TH ST
City,State,Zip:		TACOMA, WA 98421-1606
Facility Address 2:		Not reported
Facility ID:		81457934
EPA ID:		WAD988506010
NAICS:		322222
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001 F003	
Form Comm:		Not reported
Data Year:		2013
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False

RAINIER RICHLITE CO (Continued) **1000891764**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St

RAINIER RICHLITE CO (Continued) **1000891764**

Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	RAINIER PLYWD DBA RAINIER RICHLITE
Address:	624 E 15TH ST -
City,State,Zip:	TACOMA, WA 98421-1606
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.25076
Longitude:	-122.42438
Permit ID:	WAR001971
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

217 WNW 1/2-1 0.655 mi. 3459 ft. | **WA UW TACOMA BRANCH**
1900 COMMERCE
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES | **S104918156**
N/A

Relative: Higher

Actual: 74 ft.

HSL:

Name:	WA UW TACOMA BRANCH
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1325
Rank:	3
Region:	SW
EDR Link ID:	1325
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	WA UW TACOMA BRANCH
Address:	1900 COMMERCE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1325
Region:	Southwest
Lat/Long:	47.24418 / -122.43741
Clean Up Siteid:	141
Site Status:	Cleanup Started
Contaminant Name:	Base/Neutral/Acid Organics
Alternate Site Names:	ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA UW TACOMA BRANCH
Address:	1900 COMMERCE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1325
Region:	Southwest
Lat/Long:	47.24418 / -122.43741
Clean Up Siteid:	141
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Organics
Alternate Site Names:	ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported

WA UW TACOMA BRANCH (Continued) **S104918156**

Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA UW TACOMA BRANCH
Address: 1900 COMMERCE
City,State,Zip: TACOMA, WA 98402
Facility ID: 1325
Region: Southwest
Lat/Long: 47.24418 / -122.43741
Clean Up Siteid: 141
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WA UW TACOMA BRANCH
Facility Id: 1325

218
WNW
1/2-1
0.659 mi.
3477 ft.

TACOMA UNION STA
1717 PACIFIC AVE
TACOMA, WA 98402

WA CSCSL **1000658790**
WA ALLSITES **WAD988484465**
RCRA NonGen / NLR
FINDS
ECHO

Relative:
Higher

Actual:
45 ft.

CSCSL:
Name: TACOMA UNION STATION HYDRAULIC RELEASE
Address: 1717 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 71886388
Region: Southwest
Lat/Long: 47.24662 / -122.43674
Clean Up Siteid: 13045
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Tacoma Union Sta
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported

TACOMA UNION STA (Continued) **1000658790**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA UNION STA
Facility Id:	71886388

RCRA Listings:

Date Form Received by Agency:	1993-06-18 00:00:00.0
Handler Name:	TACOMA UNION STA
Handler Address:	1717 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988484465
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST STE 420
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	TACOMA UNION STATION
Owner Type:	Private
Operator Name:	TACOMA UNION STA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

TACOMA UNION STA (Continued) **1000658790**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 12:24:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STATION

TACOMA UNION STA (Continued) **1000658790**

Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3234
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA UNION STA (Continued) **1000658790**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-06-17 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-06-18 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-06-17 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TACOMA UNION STA (Continued) **1000658790**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CITY OF TACOMA UNION STATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005359496

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000658790

TACOMA UNION STA (Continued) **1000658790**

Registry ID:	110005359496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005359496
Name:	TACOMA UNION STA
Address:	1717 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

219
NE
1/2-1
0.660 mi.
3484 ft.

Relative:
Lower

Actual:
10 ft.

TACOMA CENTRAL NO 1
2201 E PORTLAND AVE
TACOMA, WA 98421

WA HSL **S109395454**
WA CSCSL **N/A**
WA LUST
WA ALLSITES
WA SPILLS
WA NPDES

HSL:

Name:	TACOMA CENTRAL NO 1
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	92562654
Rank:	3
Region:	SW
EDR Link ID:	92562654
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Region:	Southwest
Lat/Long:	47.2436 / -122.40894
Clean Up Siteid:	6868
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Region:	Southwest
Lat/Long:	47.2436 / -122.40894
Clean Up Siteid:	6868
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6868
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Response Section:	Southwest
Release Date:	05/21/2002
Lust Date:	05/21/2002
Region:	Southwest
Lust ID:	5770
UST ID:	1881
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2436 / -122.40894

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6868
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Response Section:	Southwest
Release Date:	05/21/2002

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Lust Date:	05/21/2002
Region:	Southwest
Lust ID:	5770
UST ID:	1881
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2436 / -122.40894

ALLSITES:

Name:	TACOMA CENTRAL NO 1
Facility Id:	92562654

SPILLS:

Name:	Not reported
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	110907
Medium:	Public Road Right-of-Way
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	1
Material Units:	Tablespoon (Tblsp)
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/22/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24802
Longitude:	-122.414
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Vehicle Accident Oil Spill Tacoma 4-22-20
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	TACOMA CENTRAL TREATMENT FACILITY
Address:	2201 E PORTLAND
City,State,Zip:	TACOMA, WA
Facility ID:	609382
Medium:	Not reported
Material Desc:	SEWAGE/SLUDGE
Material Qty:	50
Material Units:	GALLON
Date Received:	11/06/2008
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	CENTRAL WASTEWATER TREATMENT PLANT
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR000711
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Name:	CTP ELECTRICAL DISTRIBUTION SYSTEM REP.
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR309196
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	06/04/2020
Days to Expiration:	-171

220 WSW 1/2-1 0.666 mi. 3517 ft. | **BNSF S HOOD ST RENTAL PROPERTY**
S HOOD ST
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES | **S110036311**
N/A

Relative: Higher

Actual: 143 ft.

HSL:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	969
Rank:	4
Region:	SW
EDR Link ID:	969
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Address:	S HOOD ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	969
Region:	Southwest
Lat/Long:	47.237666666666 / -122.4381666666
Clean Up Siteid:	51
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Facility Id:	969

BE221 **SUNNEN CRANE CO INC** **WA HSL** **U003750417**
East **2323 E Q ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98371** **WA LUST**
0.670 mi. **WA UST**
3537 ft. **Site 1 of 3 in cluster BE** **WA ICR**
WA ALLSITES

Relative:
Lower

Actual:
19 ft.

HSL:

Name:	SUNNEN CRANE SERVICE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	61656248
Rank:	3
Region:	SW
EDR Link ID:	61656248
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SUNNEN CRANE SERVICE
Address:	2323 E Q ST
City,State,Zip:	TACOMA, WA 98371
Facility ID:	61656248
Region:	Southwest
Lat/Long:	47.242139654355 / -122.4088180602
Clean Up Siteid:	9894
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	SUNNEN CRANE CO INC
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SUNNEN CRANE SERVICE
Address:	2323 E Q ST
City,State,Zip:	TACOMA, WA 98371
Facility ID:	61656248
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9894
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SUNNEN CRANE CO INC
Response Section:	Southwest
Release Date:	01/22/2001

SUNNEN CRANE CO INC (Continued) **U003750417**

Lust Date:	05/01/2001
Region:	Southwest
Lust ID:	5627
UST ID:	508097
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421396 / -122.40881

UST:

Name:	SUNNEN CRANE CO INC
Address:	2323 E Q ST
City:	TACOMA
Zip:	98371
Facility ID:	61656248
Site Id:	508097
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2421396543553
Decimal Longitude:	-122.408818060233

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	01/23/2001
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/22/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil

SUNNEN CRANE CO INC (Continued) **U003750417**

Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Site Characterization Report

ALLSITES:

Name:	TRIAD MACHINERY
Facility Id:	13185

Name:	SUNNEN CRANE CO INC
Facility Id:	61656248

BE222 **RENTAL SERVICE CORPORATION 561** **WA CSCSL** **1000839101**
East **2302 E Q ST** **WA LUST** **WAD988519401**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.674 mi. **RCRA NonGen / NLR**
3559 ft. **Site 2 of 3 in cluster BE** **WA MANIFEST**

Relative:
Lower

Actual:
17 ft.

CSCSL:

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Region:	Southwest
Lat/Long:	47.242333 / -122.40975
Clean Up Siteid:	4264
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Region:	Southwest
Lat/Long:	47.242333 / -122.40975
Clean Up Siteid:	4264
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Site Rank:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Suspected
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: UNITED RENTAL FACILITY
Address: 2302 E Q ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 26536148
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 4264
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Response Section: Southwest
Release Date: 03/05/2015
Lust Date: 03/23/2015
Region: Southwest
Lust ID: 6883
UST ID: 12726
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Suspected
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.242333 / -122.40975

Name: UNITED RENTAL FACILITY
Address: 2302 E Q ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 26536148
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 4264
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Response Section: Southwest
Release Date: 03/05/2015
Lust Date: 03/23/2015
Region: Southwest
Lust ID: 6883
UST ID: 12726
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242333 / -122.40975

ALLSITES:

Name:	RENTAL SERVICE CORPORATION 561
Facility Id:	26536148

RCRA Listings:

Date Form Received by Agency:	2011-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Handler Address:	2302 E Q ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988519401
Contact Name:	SHYAM SRINIVAS
Contact Address:	6929 E GREENWAY PKWY
Contact City,State,Zip:	SCOTTSDALE, AZ 85254
Contact Telephone:	602-370-9664
Contact Fax:	Not reported
Contact Email:	SHYAM.SRINIVAS@RSCRENTAL.COM
Contact Title:	ENVIRONMENTAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, WA 85254
Owner Name:	RENTAL SERVICE CORPORATION
Owner Type:	Private
Operator Name:	RSC EQUIPMENT RENTAL 561
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 18:18:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2009

Click Here for Biennial Reporting System Data:

Year: 2007

Click Here for Biennial Reporting System Data:

Year: 2005

Click Here for Biennial Reporting System Data:

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	1993-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171-8311
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE R
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	1993-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Name:	RSC EQUIPMENT R R
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-21 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-04-10 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-02-24 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-06 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-05 00:00:00.0

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-06 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-03 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-24 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-23 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-02 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-21 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-02 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	532412
NAICS Description:	CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1993-06-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-02-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WALCG
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA MANIFEST:

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	STE 200
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	STE 200
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	Rental Service Corporation 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	Rental Service Corporation 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	John Schaecher
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	STE 200
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	Rental Service Corporation 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	Rental Service Corporation 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Dave Lesher
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

BE223 **SEATTLE TRANSFER** **WA HSL** **1007080844**
East **1701 BAY ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.677 mi. **FINDS**
3574 ft. **Site 3 of 3 in cluster BE**

Relative:
Lower

Actual:
20 ft.

HSL:

Name:	SEATTLE TRANSFER
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1228
Rank:	3
Region:	SW
EDR Link ID:	1228
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SEATTLE TRANSFER
Address:	1701 BAY ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1228
Region:	Southwest
Lat/Long:	47.24114 / -122.40935
Clean Up Siteid:	3252
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

SEATTLE TRANSFER (Continued) **1007080844**

Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SEATTLE TRANSFER
Facility Id: 1228

Name: COAST CRANE COMPANY TACOMA
Facility Id: 23870

FINDS:
Registry ID: 110015575670

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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224 West 1/2-1 0.686 mi. 3621 ft.

CAMARANO BROTHERS
2340 JEFFERSON AVE
TACOMA, WA 98402

WA CSCSL **U003732878**
WA LUST **N/A**
WA UST
WA ALLSITES

Relative: Higher

Actual: 152 ft.

CSCSL:
Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Region: Southwest
Lat/Long: 47.2394626176 / -122.439440257
Clean Up Siteid: 8023
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: CAMARANO BROTHERS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Responsible Unit: Southwest

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Region: Southwest
Lat/Long: 47.2394626176 / -122.439440257
Clean Up Siteid: 8023
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: CAMARANO BROTHERS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Region: Southwest
Lat/Long: 47.2394626176 / -122.439440257
Clean Up Siteid: 8023
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: CAMARANO BROTHERS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Region: Southwest
Lat/Long: 47.2394626176 / -122.439440257
Clean Up Siteid: 8023
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: CAMARANO BROTHERS
Site Rank: Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8023
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAMARANO BROTHERS
Response Section: Southwest
Release Date: 01/19/2001
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 5623
UST ID: 529632
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2394626 / -122.43944

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8023
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAMARANO BROTHERS
Response Section: Southwest
Release Date: 01/19/2001
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 5623
UST ID: 529632
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Bedrock: Not reported
Lat/Long: 47.2394626 / -122.43944

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8023
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAMARANO BROTHERS
Response Section: Southwest
Release Date: 01/19/2001
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 5623
UST ID: 529632
Contaminant Name: Other Non-Halogenated Organics
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2394626 / -122.43944

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8023
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAMARANO BROTHERS
Response Section: Southwest
Release Date: 01/19/2001
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 5623
UST ID: 529632
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2394626 / -122.43944

UST:
Name: CAMARANO BROTHERS
Address: 2340 JEFFERSON AVE
City: TACOMA
Zip: 98402
Facility ID: 14192885

CAMARANO BROTHERS (Continued) **U003732878**

Site Id:	529632
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2394626176
Decimal Longitude:	-122.439440257

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	04/11/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAMARANO BROTHERS
Address:	2340 JEFFERSON AVE
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/01/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: CAMARANO BROTHERS
Facility Id: 14192885

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225 NNE 1/2-1 0.687 mi. 3625 ft. | **TACOMA METALS SITE** | **WA HSL** | **1000334219**
1919 PORTLAND AVE | **WA CSCSL** | **WAD102875556**
TACOMA, WA 98421 | **WA VCP**
WA ALLSITES
RCRA NonGen / NLR

Relative: Lower
Actual: 13 ft.

HSL:
Name: TACOMA METALS SITE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 1257
Rank: 2
Region: SW
EDR Link ID: 1257
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

TACOMA METALS SITE (Continued) **1000334219**

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True

TACOMA METALS SITE (Continued) **1000334219**

Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257

TACOMA METALS SITE (Continued) **1000334219**

Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: UnExploded Ordnance
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VCP:
Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Metals - Other
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE

TACOMA METALS SITE (Continued) **1000334219**

City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Other Non-Halogenated Organics
Soil: Not reported

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Polychlorinated biPhenyls (PCB)
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421

TACOMA METALS SITE (Continued) **1000334219**

edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: UnExploded Ordnance
Soil: Remediated

ALLSITES:
Name: TACOMA METALS SITE
Facility Id: 1257

RCRA Listings:
Date Form Received by Agency: 2003-02-27 00:00:00.0
Handler Name: TACOMA METALS SITE
Handler Address: 1919 PORTLAND AVE
Handler City,State,Zip: TACOMA, WA 98421
EPA ID: WAD102875556
Contact Name: TY SCHREINER
Contact Address: 530 S 336TH ST
Contact City,State,Zip: FEDERAL WAY, WA 98003
Contact Telephone: 253-874-0555
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 10
Land Type: Other
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: WA

TACOMA METALS SITE (Continued) **1000334219**

State District:	SWRO
Mailing Address:	530 S 336TH ST
Mailing City,State,Zip:	FEDERAL WAY, WA 98003
Owner Name:	PORTLAND AVE ASSOCIATES
Owner Type:	Private
Operator Name:	TACOMA METALS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:25:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

TACOMA METALS SITE (Continued) **1000334219**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2804
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2804
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUSSMAN LESLIE P SOPHIE L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.

TACOMA METALS SITE (Continued) **1000334219**

Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUSSMAN LESLIE P SOPHIE L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TACOMA METALS SITE (Continued) **1000334219**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-01-20 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-11-03 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-27 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-01-19 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Electronic Manifest Broker:	Not reported
Receive Date:	1993-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-05 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-04-10 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified

TACOMA METALS SITE (Continued) **1000334219**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332114
NAICS Description:	CUSTOM ROLL FORMING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

226
WSW
1/2-1
0.689 mi.
3638 ft.

UNION PACIFIC RR TUNNEL
JEFFERSON & 25TH & CENTER
TACOMA, WA 98421

WA HSL
WA CSCSL
WA ALLSITES
FINDS

1007080823
N/A

Relative:
Higher

Actual:
154 ft.

HSL:

Name:	UNION PACIFIC RR TUNNEL
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1292
Rank:	2
Region:	SW
EDR Link ID:	1292
Region Decode:	SOUTHWEST REGIONAL OFFICE

UNION PACIFIC RR TUNNEL (Continued) **1007080823**

CSCSL:

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported

UNION PACIFIC RR TUNNEL (Continued) **1007080823**

Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: UNION PACIFIC RR TUNNEL
Facility Id: 1292

FINDS:
Registry ID: 110015575466

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

227
NNW
1/2-1
0.693 mi.
3660 ft.

Relative:
Lower

Actual:
5 ft.

J M MARTINAC SHIPBUILDING CORPORATION
401 E 15TH ST
TACOMA, WA 98421

WA CSCSL **U001122318**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES
WA SPILLS
WA MANIFEST

CSCSL:
Name: JM MARTINAC SHIPBUILDING CORP
Address: 401 E 15TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1375
Region: Southwest
Lat/Long: 47.250072857562 / -122.4301493773
Clean Up Siteid: 144
Site Status: Cleanup Started
Contaminant Name: Not reported
Alternate Site Names: J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Site Rank: Not reported
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Bedrock: Not reported
Responsible Unit: Southwest

UST:

Name:	J M MARTINAC SHIPBUILDING CORPORATION
Address:	401 E 15TH ST
City:	TACOMA
Zip:	98421
Facility ID:	1375
Site Id:	7136
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2500728575621
Decimal Longitude:	-122.430149377393
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1968
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Soil Restriction:	False
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001590, 0320041054
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	True
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001560
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	True
Prohibit New Building Construction:	True
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	True
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	320041017
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	True
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	320041054
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	JM MARTINAC SHIPBUILDING CORP
Facility Id:	1375

SPILLS:

Name:	JM SHIP BUILDING
Address:	401 E. 15TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	632496
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	03/07/2012
Contact Name:	Henderson
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Resp Party Name:	Not reported

Name:	J M MARTINAC SHIPBUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	614056
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - MOTOR OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	07/16/2009
Contact Name:	PALMER
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	J M MARTINAC SHIP BUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	548734
Medium:	Not reported
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	06/15/2005
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	601911
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Material Units:	GALLON
Date Received:	11/09/2007
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	JM MARTINAC SHIPBUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	564226
Medium:	Not reported
Material Desc:	PETROLEUM - LUBE OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	08/01/2007
Contact Name:	LEGAS
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	No waste generated in 2017. The property was sold in 2018.
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Lisa Smith
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	206-965-1881
Site Contact Email:	Lisa@alaskanleader.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	WT02,WPCB,WSC2
Federal Waste Code Desc:	D002,D007,D011,D010,D008,D001,D035,U080,D005,D006,D018
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Lisa Smith
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	206-965-1881
Site Contact Email:	Lisa@alaskanleader.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	potassium hydroxide solution
CORb Sequence Number:	161647
Sequence Number:	3461241
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	310
Quanity Unit:	GAL
Kilograms Quanity:	1054.62001
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WPCB
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W206
Description:	oil w PCBs
CORb Sequence Number:	161647
Sequence Number:	3461259
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	286
Quanity Unit:	GAL
Kilograms Quanity:	972.972016
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 6.1 LP for incin. w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461260
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 8 basic loosepack
CORb Sequence Number:	161647
Sequence Number:	3461247
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.9680010
Density Number:	0
Density Quanity:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WPCB
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	oil filters w free liquid contaminated with PCB oil <20ppm
CORb Sequence Number:	161647
Sequence Number:	3461254
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 6.1 LP for incin. w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461261
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	flammable diisocyanates/ptb loosepack
CORb Sequence Number:	161647

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number:	3461257
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	743
Quanity Unit:	LB
Kilograms Quanity:	337.024805
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	class 2.1 aerosols
CORb Sequence Number:	161647
Sequence Number:	3461258
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	251
Quanity Unit:	LB
Kilograms Quanity:	113.853601
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	phosphoric acid 90%
CORb Sequence Number:	161647
Sequence Number:	3461243
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	90
Quanity Unit:	GAL
Kilograms Quanity:	306.180005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	non rcra loosepack w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461244
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1215
Quanity Unit:	LB
Kilograms Quanity:	551.124009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Class 8 acidic loosepack
CORb Sequence Number:	161647
Sequence Number:	3461246
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	161647
Waste Sequence Number:	3461263
Sequence Number:	2050968
Shipment Date:	2016-03-23 00:00:00
Mainfest Document ID:	009102882FLE
Reported Quanity:	748
Unit of Measure:	LB
Kilograms Quanity:	339.292805
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461247
Sequence Number:	2050945
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	30
Unit of Measure:	LB

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilograms Quanity:	13.6080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461246
Sequence Number:	2050940
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461245
Sequence Number:	2050939
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461246
Sequence Number:	2050941
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461254
Sequence Number:	2050953
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.53600007
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461255
Sequence Number:	2050954
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282827FLE
Reported Quanity:	234
Unit of Measure:	LB
Kilograms Quanity:	106.142401
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3461241
Sequence Number:	2050926
Shipment Date:	2016-03-23 00:00:00
Mainfest Document ID:	009102883FLE
Reported Quanity:	200
Unit of Measure:	GAL
Kilograms Quanity:	680.400011
Receiving EPAID:	IDD073114654

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3461259
Sequence Number:	2050958
Shipment Date:	2016-04-05 00:00:00
Mainfest Document ID:	008281670FLE
Reported Quanity:	286
Unit of Measure:	GAL
Kilograms Quanity:	972.972016
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461258
Sequence Number:	2050957
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	008282827FLE
Reported Quanity:	251
Unit of Measure:	LB
Kilograms Quanity:	113.853601
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461245
Sequence Number:	2050937
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	50
Unit of Measure:	LB
Kilograms Quanity:	22.6800003
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	161647
Waste Sequence Number:	3461249
Sequence Number:	933735
Received EPAID:	IDD073114654
Managed Quanity:	20
Kilogram Quanity:	9.07200015
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461251
Sequence Number:	933737
Received EPAID:	IDD073114654
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461266
Sequence Number:	933753
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.53600007
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	3461243
Sequence Number:	933728
Received EPAID:	IDD073114654
Managed Quanity:	90

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilogram Quanity:	306.180005
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461257
Sequence Number:	933743
Received EPAID:	WAD981769110
Managed Quanity:	743
Kilogram Quanity:	337.024805
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3461258
Sequence Number:	933744
Received EPAID:	WAD981769110
Managed Quanity:	251
Kilogram Quanity:	113.853601
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3461241
Sequence Number:	933727
Received EPAID:	IDD073114654
Managed Quanity:	310
Kilogram Quanity:	1054.62001
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461259
Sequence Number:	933745
Received EPAID:	WAD981769110
Managed Quanity:	286
Kilogram Quanity:	972.972016
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	3461260
Sequence Number:	933747
Received EPAID:	UTD981552177
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461247
Sequence Number:	933733
Received EPAID:	IDD073114654
Managed Quanity:	130
Kilogram Quanity:	58.9680010
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461254
Sequence Number:	933740
Received EPAID:	IDD073114654
Managed Quanity:	10
Kilogram Quanity:	4.53600007

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 161647
Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461241
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461243
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461244
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461245
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461246
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461247
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461248
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461249
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461250
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461251
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461252
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 161647
Waste Sequence Number: 3461247
Sequence Number: 8087362
WCDA Code: D002

Waste Sequence Number: 3461254

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number: 8087277
WCDA Code: D008

Waste Sequence Number: 3461261
Sequence Number: 8087308
WCDA Code: U080

Waste Sequence Number: 3461249
Sequence Number: 8087269
WCDA Code: D001

Waste Sequence Number: 3461251
Sequence Number: 8087272
WCDA Code: D008

Waste Sequence Number: 3461262
Sequence Number: 8087311
WCDA Code: D001

Waste Sequence Number: 3461264
Sequence Number: 8087342
WCDA Code: D001

Waste Sequence Number: 3461264
Sequence Number: 8087343
WCDA Code: D005

Waste Sequence Number: 3461264
Sequence Number: 8087344
WCDA Code: D006

Waste Sequence Number: 3461264
Sequence Number: 8087345
WCDA Code: D007

Waste Sequence Number: 3461264
Sequence Number: 8087346
WCDA Code: D008

Waste Stream Source Code:
CORB Waste Sequence Number: 161647
Waste Sequence Number: 3461256
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3461259
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3461262
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461263
Sequence Number: 1
WCDD Code: G11

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3461264
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3461266
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3461241
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461243
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461244
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461245
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461246
Sequence Number:	1
WCDD Code:	G19

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D008
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Curtis Foster
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	360-318-1280
Site Contact Email:	curtisf.foster@yahoo.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	NON RCRA OVERPACK NO VOCS
CORb Sequence Number:	156031
Sequence Number:	3402277
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	LB
Kilograms Quanity:	7.25760012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Potassium hydroxide solution
CORb Sequence Number:	156031
Sequence Number:	3402343
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Lubriplate Neptune Launching Slip Coat
CORb Sequence Number:	156031
Sequence Number:	3402350
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4916
Quanity Unit:	LB
Kilograms Quanity:	2229.89763
Density Number:	0

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W606
Description:	Henkel 4215 Epoxy Resin
CORb Sequence Number:	156031
Sequence Number:	3402352
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	54
Quanity Unit:	GAL
Kilograms Quanity:	183.708003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	NON RCRA OVERPACK w/ VOCS
CORb Sequence Number:	156031
Sequence Number:	3402344
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Description:	325 Solvent
CORb Sequence Number:	156031
Sequence Number:	3402351
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	GAL
Kilograms Quanity:	34.0200005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Phosphoric Acid, 90%
CORb Sequence Number:	156031
Sequence Number:	3402334
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	220
Quanity Unit:	GAL
Kilograms Quanity:	748.440012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W210
Description:	Unsaturated polyester resin
CORb Sequence Number:	156031
Sequence Number:	3402347
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	443
Quanity Unit:	LB
Kilograms Quanity:	200.944803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Lubemaster chain and cable conditioner
CORb Sequence Number:	156031
Sequence Number:	3402348
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8
Quanity Unit:	GAL
Kilograms Quanity:	27.2160004
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	Asphalt Tar semi-hardened
CORb Sequence Number:	156031
Sequence Number:	3402354
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1458
Quanity Unit:	LB
Kilograms Quanity:	661.348811
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Purple Dragon Degreaser
CORb Sequence Number:	156031
Sequence Number:	3402356
Mixed Radioactive Flag:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	156031
Waste Sequence Number:	3402355
Sequence Number:	1976228
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407581FLE
Reported Quanity:	111
Unit of Measure:	LB
Kilograms Quanity:	50.3496008
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402342
Sequence Number:	1976207
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	5
Unit of Measure:	GAL
Kilograms Quanity:	17.0100002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3402353
Sequence Number:	1976226
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	267
Unit of Measure:	GAL
Kilograms Quanity:	908.334015
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402334
Sequence Number:	1976205
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	220
Unit of Measure:	GAL
Kilograms Quanity:	748.440012
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3402348
Sequence Number:	1976218
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407581FLE
Reported Quanity:	8
Unit of Measure:	GAL
Kilograms Quanity:	27.2160004
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402347
Sequence Number:	1976216
Shipment Date:	2015-09-11 00:00:00

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mainfest Document ID:	008407581FLE
Reported Quanity:	165
Unit of Measure:	LB
Kilograms Quanity:	74.8440012
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402347
Sequence Number:	1976217
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	278
Unit of Measure:	LB
Kilograms Quanity:	126.100802
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402351
Sequence Number:	1976224
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	10
Unit of Measure:	GAL
Kilograms Quanity:	34.0200005
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402344
Sequence Number:	1976214
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3402356
Sequence Number:	1976229
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407580FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	374.220006
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3402354
Sequence Number:	1976227
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	1458
Unit of Measure:	LB
Kilograms Quanity:	661.348811
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156031
Waste Sequence Number:	3402351
Sequence Number:	897693
Received EPAID:	WAD981769110
Managed Quanity:	10

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilogram Quanity:	34.0200005
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3402344
Sequence Number:	897683
Received EPAID:	IDD073114654
Managed Quanity:	200
Kilogram Quanity:	90.7200015
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3402348
Sequence Number:	897687
Received EPAID:	WAD981769110
Managed Quanity:	8
Kilogram Quanity:	27.2160004
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3402347
Sequence Number:	897686
Received EPAID:	WAD981769110
Managed Quanity:	443
Kilogram Quanity:	200.944803
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3402356
Sequence Number:	897706
Received EPAID:	UTD981552177
Managed Quanity:	110
Kilogram Quanity:	374.220006
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	3402354
Sequence Number:	897699
Received EPAID:	WAD981769110
Managed Quanity:	1458
Kilogram Quanity:	661.348811
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3402355
Sequence Number:	897700
Received EPAID:	WAD981769110
Managed Quanity:	111
Kilogram Quanity:	50.3496008
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3402334
Sequence Number:	897680
Received EPAID:	IDD073114654
Managed Quanity:	220
Kilogram Quanity:	748.440012

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402345
Sequence Number: 897684
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402346
Sequence Number: 897685
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402349
Sequence Number: 897688
Received EPAID: WAD981769110
Managed Quanity: 46
Kilogram Quanity: 156.492002
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 156031
Comments: A-7 - removing spent/unused waste chemicals at closed facility
Waste Sequence Number: 3402277
Sequence Number: 1

Comments: Removing spent/unused chemicals at closed facility
Waste Sequence Number: 3402334
Sequence Number: 1

Comments: Removing spent & unused chemicals at a closed facility
Waste Sequence Number: 3402342
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402343
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402344
Sequence Number: 1

Comments: Removing spent & unused chemicals from closed facility
Waste Sequence Number: 3402345
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402346
Sequence Number: 1

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402347
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402348
Sequence Number: 1

Comments: A-7 Removing spent & unused chemicals from a closed facility A-8 Organic lubricant
Waste Sequence Number: 3402350
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402352
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 156031
Waste Sequence Number: 3402342
Sequence Number: 7831493
WCDA Code: D002

Waste Sequence Number: 3402353
Sequence Number: 7831599
WCDA Code: D001

Waste Sequence Number: 3402343
Sequence Number: 7831503
WCDA Code: D002

Waste Sequence Number: 3402346
Sequence Number: 7831512
WCDA Code: D002

Waste Sequence Number: 3402349
Sequence Number: 7831541
WCDA Code: D001

Waste Sequence Number: 3402349
Sequence Number: 7831542
WCDA Code: U002

Waste Sequence Number: 3402347
Sequence Number: 7831526
WCDA Code: D001

Waste Sequence Number: 3402348
Sequence Number: 7831533
WCDA Code: D001

Waste Sequence Number: 3402348
Sequence Number: 7831534
WCDA Code: D008

Waste Sequence Number: 3402354
Sequence Number: 7831627

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDA Code:	D001
Waste Sequence Number:	3402356
Sequence Number:	7831697
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	156031
Waste Sequence Number:	3402351
Sequence Number:	1
WCDD Code:	G01
Waste Sequence Number:	3402277
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402334
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402342
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402343
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402344
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402345
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402346
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402347
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402348
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402350
Sequence Number:	1
WCDD Code:	G19

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035,F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINTS, STILLBOTTOMS
CORb Sequence Number:	141332
Sequence Number:	3219718
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	2080.66323
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	1587438
Shipment Date:	2013-01-14 00:00:00
Mainfest Document ID:	005628701FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Sequence Number:	3219718
Sequence Number:	1587439
Shipment Date:	2013-02-11 00:00:00
Mainfest Document ID:	005568116FLE
Reported Quanity:	110
Unit of Measure:	GAL

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718
Sequence Number:	1587440
Shipment Date:	2013-04-22 00:00:00
Mainfest Document ID:	005564829FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718
Sequence Number:	1587441
Shipment Date:	2013-06-10 00:00:00
Mainfest Document ID:	006548828FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718
Sequence Number:	1587442
Shipment Date:	2013-07-08 00:00:00
Mainfest Document ID:	006549025
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	774258
Received EPAID:	NED981723513
Managed Quanity:	550
Kilogram Quanity:	2080.66323
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	7112804
WCDA Code:	D001
Waste Sequence Number:	3219718
Sequence Number:	7112805
WCDA Code:	D035
Waste Sequence Number:	3219718
Sequence Number:	7112806
WCDA Code:	F003
Waste Sequence Number:	3219718
Sequence Number:	7112807

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDA Code: F005

Waste Stream Source Code:
CORB Waste Sequence Number: 141332
Waste Sequence Number: 3219718
Sequence Number: 1
WCDD Code: G06

Name: JM MARTINAC SHIPBUILDING CORP
Address: 401 E 15TH ST
City,State,Zip: TACOMA, WA 98421-1699
Facility Address 2: Not reported
Facility ID: 1375
EPA ID: WAD009253634
NAICS: 336611
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: 278001638
Business Type: Not reported
Mail Name: JM Martinac Shipbuilding Corp
Mailing Address: 401 E 15TH ST
Mailing City,State,Zip: TACOMA, WA 98421-1601
Legal Organization Name: JM Martinac Shipbuilding Corp
Legal Organization Type: Private
Legal Contact: Joseph S Martinac Sr
Legal Address: 401 E 15TH ST
Legal Address 2: Not reported
Legal City,State,Zip: TACOMA, WA 98421-1601
Legal Phone Number: (253)572-4005
Legal Effective Date: 06/26/1996
Land Organization Name: JM Martinac Shipbuilding Corp
Land Organization Type: Private
Land Contact: Not reported
Land Address: 401 E 15TH ST
Land City,State,Zip: TACOMA, WA 98421-1601
Land Phone Number: (253)572-4005
Operator Organization Name: Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	Spent Paints, Stillbottom
CORb Sequence Number:	137176
Sequence Number:	2670128
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2550
Quanity Unit:	LB
Kilograms Quanity:	1156.68001
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	1381952

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Shipment Date:	2012-04-30 00:00:00
Mainfest Document ID:	004468392FLE
Reported Quanity:	550
Unit of Measure:	LB
Kilograms Quanity:	249.480004
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2670128
Sequence Number:	1381922
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	005272631FLE
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2670128
Sequence Number:	1381953
Shipment Date:	2012-10-15 00:00:00
Mainfest Document ID:	005566920FLE
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD981552177

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	669701
Received EPAID:	UTD981552177
Managed Quanity:	2550
Kilogram Quanity:	1156.68001
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	5941710
WCDA Code:	D001
Waste Sequence Number:	2670128
Sequence Number:	5941711
WCDA Code:	D035
Waste Sequence Number:	2670128
Sequence Number:	5941712
WCDA Code:	F003
Waste Sequence Number:	2670128
Sequence Number:	5941713
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D035,F003,F005
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINTS, STILLBOTTOMS
CORb Sequence Number:	132447
Sequence Number:	2647893
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	440
Quanity Unit:	GAL
Kilograms Quanity:	1664.53058
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	1304042
Shipment Date:	2011-06-21 00:00:00
Mainfest Document ID:	004764400FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304041
Shipment Date:	2011-03-11 00:00:00
Mainfest Document ID:	003465873FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304043
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004795380FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304044
Shipment Date:	2011-12-19 00:00:00
Mainfest Document ID:	005272394FLE
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	643815
Received EPAID:	NED981723513
Managed Quanity:	440
Kilogram Quanity:	1664.53058
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	5804652
WCDA Code:	D001
Waste Sequence Number:	2647893
Sequence Number:	5804653
WCDA Code:	D035
Waste Sequence Number:	2647893
Sequence Number:	5804654
WCDA Code:	F003
Waste Sequence Number:	2647893
Sequence Number:	5804655
WCDA Code:	F005

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	Spent Paint, Stillbottoms
CORb Sequence Number:	126619
Sequence Number:	2392033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	660
Quanity Unit:	GAL
Kilograms Quanity:	2496.7958829448894
Density Number:	8.3399999999999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	1134713
Shipment Date:	8/16/2010
Mainfest Document ID:	003448328
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2392033
Sequence Number:	1134712

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Shipment Date:	5/17/2010
Mainfest Document ID:	002603647
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2392033
Sequence Number:	1134715
Shipment Date:	12/7/2010
Mainfest Document ID:	003447683
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2392033
Sequence Number:	1134711
Shipment Date:	3/15/2010
Mainfest Document ID:	002936034
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970736222
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2392033
Sequence Number:	1134714
Shipment Date:	10/8/2010
Mainfest Document ID:	003454763
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970736222
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	575862
Received EPAID:	UTD981552177
Managed Quanity:	275
Kilogram Quanity:	1040.3316178937039
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2392033
Sequence Number:	575863
Received EPAID:	WAD981769110
Managed Quanity:	385
Kilogram Quanity:	1456.4642650511855
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	5190330

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDA Code:	F003
Waste Sequence Number:	2392033
Sequence Number:	5190331
WCDA Code:	F005
Waste Sequence Number:	2392033
Sequence Number:	5190328
WCDA Code:	D001
Waste Sequence Number:	2392033
Sequence Number:	5190329
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINT, STILLBOTTOMS
CORb Sequence Number:	120112
Sequence Number:	2009866
Mixed Radioactive Flag:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Designation Code:	D
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	4993.5917658897788
Density Number:	8.3399999999999999
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	493455
Received EPAID:	UTD981552177
Managed Quanity:	1320
Kilogram Quanity:	4993.5917658897788
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	4322245
WCDA Code:	F003
Waste Sequence Number:	2009866
Sequence Number:	4322244
WCDA Code:	D035
Waste Sequence Number:	2009866
Sequence Number:	4322246
WCDA Code:	F005
Waste Sequence Number:	2009866
Sequence Number:	4322243
WCDA Code:	D001

Waste Stream Source Code:

CORB Waste Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	1
WCDD Code:	G24

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	spent paints, stillbottoms
CORb Sequence Number:	114185
Sequence Number:	1841267
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	715
Quanity Unit:	GAL
Kilograms Quanity:	2704.86220652363
Density Number:	8.3399999999999999
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	434561
Received EPAID:	UTD981552177
Managed Quanity:	715
Kilogram Quanity:	2704.86220652363
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	3879865
WCDA Code:	D001
Waste Sequence Number:	1841267
Sequence Number:	3879866
WCDA Code:	D035
Waste Sequence Number:	1841267
Sequence Number:	3879867
WCDA Code:	F003
Waste Sequence Number:	1841267
Sequence Number:	3879868
WCDA Code:	F005

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Stream Source Code:

CORB Waste Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Sr

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Joe Marinac Jr
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	253572-4005
Site Contact Email:	jmartinac@martinacship.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

228
NNE
1/2-1
0.695 mi.
3668 ft.

CLEANER PRESSURE WASHING, TACOMA
1820 E PORTLAND AVE
TACOMA, WA 98421

WA CSCSL **S119162454**
WA ALLSITES **N/A**

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	CLEANER PRESSURE WASHING, TACOMA
Address:	1820 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	23110
Region:	Southwest
Lat/Long:	47.25087 / -122.41926
Clean Up Siteid:	13170
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

CLEANER PRESSURE WASHING, TACOMA (Continued) **S119162454**

Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported

CLEANER PRESSURE WASHING, TACOMA (Continued) **S119162454**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: CLEANER PRESSURE WASHING TACOMA
Facility Id: 23110

---

229 NW 1/2-1 0.748 mi. 3951 ft. | **DOCK STREET 1501 E DOCK ST TACOMA, WA 98401** | **WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES** | **U003732877 N/A**

Relative: Lower
Actual: 19 ft.

HSL:
Name: TACOMA CITY OF 1501 DOCK ST
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 12454784
Rank: 3
Region: SW
EDR Link ID: 12454784
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: TACOMA CITY OF 1501 DOCK ST
Address: 1501 E DOCK ST
City,State,Zip: TACOMA, WA 98401
Facility ID: 12454784
Region: Southwest
Lat/Long: 47.24888 / -122.43522
Clean Up Siteid: 7940
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: DOCK STREET,DOCK STREET UST 529570,Tacoma City Dock St
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

DOCK STREET (Continued) **U003732877**

Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	1501 E DOCK ST
City,State,Zip:	TACOMA, WA 98401
Facility ID:	12454784
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7940
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	DOCK STREET,DOCK STREET UST 529570,Tacoma City Dock St
Response Section:	Southwest
Release Date:	08/10/2000
Lust Date:	06/06/2000
Region:	Southwest
Lust ID:	5688
UST ID:	529570
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24888 / -122.43522

UST:

Name:	DOCK STREET
Address:	1501 E DOCK ST
City:	TACOMA
Zip:	98401
Facility ID:	12454784
Site Id:	529570
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24888
Decimal Longitude:	-122.43522
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	04/10/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

DOCK STREET (Continued) **U003732877**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TACOMA CITY DOCK ST
Facility Id:	12454784

BF230 **PRAIRIE LINE TRAIL** **WA CSCSL** **S123096272**
NW **1547 PACIFIC AVE** **WA ALLSITES** **N/A**
1/2-1 **TACOMA, WA 98402**
0.753 mi.
3977 ft. **Site 1 of 2 in cluster BF**

Relative:
Higher

Actual:
55 ft.

CSCSL:

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

PRAIRIE LINE TRAIL (Continued) **S123096272**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Other Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265

PRAIRIE LINE TRAIL (Continued) **S123096272**

Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	PRAIRIE LINE TRAIL
Facility Id:	82265

BF231 **PACIFIC QUICKSTOP** **WA HSL** **U003353183**
NW **1548 PACIFIC AVE** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA LUST**
0.756 mi. **WA UST**
3990 ft. **Site 2 of 2 in cluster BF** **WA ALLSITES**

Relative: Higher

Actual: 63 ft.

HSL:

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	74455879
Rank:	2
Region:	SW
EDR Link ID:	74455879
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Region:	Southwest
Lat/Long:	47.24778 / -122.4375
Clean Up Siteid:	6609
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported

PACIFIC QUICKSTOP (Continued) **U003353183**

Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Region:	Southwest
Lat/Long:	47.24778 / -122.4375
Clean Up Siteid:	6609
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Region:	Southwest
Lat/Long:	47.24778 / -122.4375
Clean Up Siteid:	6609
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE

PACIFIC QUICKSTOP (Continued) **U003353183**

City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6609
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section:	Southwest
Release Date:	03/19/1990
Lust Date:	03/19/1990
Region:	Southwest
Lust ID:	259
UST ID:	11157
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6609
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section:	Southwest
Release Date:	03/19/1990
Lust Date:	03/19/1990
Region:	Southwest
Lust ID:	259
UST ID:	11157
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6609
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section:	Southwest
Release Date:	03/19/1990

PACIFIC QUICKSTOP (Continued) **U003353183**

Lust Date:	03/19/1990
Region:	Southwest
Lust ID:	259
UST ID:	11157
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

UST:

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	74455879
Site Id:	11157
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24778
Decimal Longitude:	-122.4375

Tank Name:	1-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

PACIFIC QUICKSTOP (Continued) **U003353183**

Tank Name:	2-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

PACIFIC QUICKSTOP (Continued) **U003353183**

Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	4-WASTE OIL
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	01/01/2000
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	5
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/01/1980
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported

PACIFIC QUICKSTOP (Continued) **U003353183**

Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	6
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	7
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm

PACIFIC QUICKSTOP (Continued) **U003353183**

Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Facility Id:	74455879

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232 **UNION PACIFIC RAILROAD ST PAUL AVE** **WA CSCSL** **S123096460**
North **1228 ST PAUL AVE** **WA ALLSITES** **N/A**
1/2-1 **TACOMA, WA 98421**
0.773 mi.
4082 ft.

Relative:
Lower

Actual:
11 ft.

CSCSL:

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started

UNION PACIFIC RAILROAD ST PAUL AVE (Continued) **S123096460**

Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD ST PAUL AVE
Address: 1228 ST PAUL AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 53785
Region: Southwest
Lat/Long: 47.25297 / -122.4245
Clean Up Siteid: 14661
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD ST PAUL AVE
Address: 1228 ST PAUL AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 53785
Region: Southwest
Lat/Long: 47.25297 / -122.4245
Clean Up Siteid: 14661
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UNION PACIFIC RAILROAD ST PAUL AVE (Continued) **S123096460**

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Facility Id:	53785

233
East
1/2-1
0.776 mi.
4098 ft.

BNSF RAILROAD ROW MP 38.5
38.5 MILEPOST
TACOMA, WA 98421

WA CSCSL **S111769681**
WA ALLSITES **N/A**

Relative:
Lower

Actual:
15 ft.

CSCSL:

Name:	BNSF RAILROAD ROW MP 38.5
Address:	38.5 MILEPOST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	16491
Region:	Southwest
Lat/Long:	47.241861111111 / -122.4065833333
Clean Up Siteid:	11779
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF RAILROAD ROW MP 38.5
Address:	38.5 MILEPOST

BNSF RAILROAD ROW MP 38.5 (Continued) **S111769681**

City,State,Zip: TACOMA, WA 98421
Facility ID: 16491
Region: Southwest
Lat/Long: 47.241861111111 / -122.4065833333
Clean Up Siteid: 11779
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNSF RAILROAD ROW MP 38.5
Facility Id: 16491

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234 SSE 1/2-1 0.798 mi. 4214 ft. | **TACOMA CHRISTIAN CENTER** | **WA CSCSL** | **S118955371**
3523 MCKINLEY AVE | **WA ALLSITES** | **N/A**
TACOMA, WA 98404 | **WA ASBESTOS**

Relative: Higher
Actual: 298 ft.

CSCSL:
Name: TACOMA CHRISTIAN CENTER
Address: 3523 MCKINLEY AVE
City,State,Zip: TACOMA, WA 98404
Facility ID: 24192
Region: Southwest
Lat/Long: 47.229515 / -122.42042
Clean Up Siteid: 13145
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA CHRISTIAN CENTER
Facility Id: 24192

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

ASBESTOS:

Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	93160
Form ID:	93231##1210Therm864814
Notice Date:	11/17/2014
Start Date:	11/15/2014
Completion Date:	11/17/2014
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	off hold and completed as of Monday 11-17-14 at 330pm
Date Time Submitted:	2014-11-17 15:29:35
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	0
Form ID:	93160##1210Therm500509
Notice Date:	11/14/2014
Start Date:	11/15/2014
Completion Date:	11/21/2014
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	1

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor’s office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	10-day waiver granted by Ed Guy, Reg 3. Fire damage. Thank you.
Date Time Submitted:	2014-11-14 14:39:46
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	93160
Form ID:	93202##1210Therm837815
Notice Date:	11/17/2014
Start Date:	11/15/2014
Completion Date:	11/21/2014
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	On Hold 11-17-14
Date Time Submitted:	2014-11-17 09:13:49
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

---

235 West 1/2-1 0.807 mi. 4259 ft.

ROMAN MEAL COMPANY
2101 SO TACOMA WAY PO BOX 11126
TACOMA, WA 98411

WA CSCSL **U003354456**
WA UST **N/A**
WA ALLSITES

Relative: Higher

Actual: 207 ft.

CSCSL:

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported

ROMAN MEAL COMPANY (Continued) **U003354456**

Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707

ROMAN MEAL COMPANY (Continued) **U003354456**

Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	ROMAN MEAL COMPANY
Address:	2101 SO TACOMA WAY PO BOX 11126
City:	TACOMA
Zip:	98411
Facility ID:	9985951
Site Id:	424
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2324229094
Decimal Longitude:	-122.464657009

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ROMAN MEAL COMPANY
Address:	2101 SO TACOMA WAY PO BOX 11126
City:	TACOMA

ROMAN MEAL COMPANY (Continued) **U003354456**

Zip:	98411
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	ROMAN MEAL COMPANY
Facility Id:	9985951

236
NW
1/2-1
0.826 mi.
4363 ft.

TACOMA CITY CONVENTION CTR GARAGE **WA HSL** **1011266136**
1500 BROADWAY **WA CSCSL** **N/A**
TACOMA, WA 98402 **WA ALLSITES**
FINDS

Relative:
Higher

Actual:
100 ft.

HSL:

Name:	TACOMA CITY CONVENTION CTR GARAGE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	8168704
Rank:	5
Region:	SW
EDR Link ID:	8168704
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CITY CONVENTION CTR GARAGE

TACOMA CITY CONVENTION CTR GARAGE (Continued) **1011266136**

Address: 1500 BROADWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 8168704
Region: Southwest
Lat/Long: 47.247083 / -122.439806
Clean Up Siteid: 4023
Site Status: Awaiting Cleanup
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA CITY CONVENTION CTR GARAGE
Address: 1500 BROADWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 8168704
Region: Southwest
Lat/Long: 47.247083 / -122.439806
Clean Up Siteid: 4023
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA CITY CONVENTION CTR GARAGE
Facility Id: 8168704

FINDS:
Registry ID: 110036131897

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

TACOMA CITY CONVENTION CTR GARAGE (Continued) **1011266136**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Registry ID: 110070081188

Click Here:

Environmental Interest/Information System:

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

237
South
1/2-1
0.855 mi.
4515 ft.

Relative:
Higher

Actual:
317 ft.

NEWMAN RECYCLING
409 E MORTON ST
TACOMA, WA 98404

WA HSL **1001969800**
WA CSCSL **WA0000627703**
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

HSL:

Name:	NEWMAN RECYCLING
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	69871828
Rank:	4
Region:	SW
EDR Link ID:	69871828
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404
Facility ID:	69871828
Region:	Southwest
Lat/Long:	47.22799 / -122.42606
Clean Up Siteid:	4620
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404
Facility ID:	69871828
Region:	Southwest
Lat/Long:	47.22799 / -122.42606
Clean Up Siteid:	4620
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	NEWMAN RECYCLING
Facility Id:	69871828

RCRA Listings:

Date Form Received by Agency:	1999-11-02 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Handler Address:	409 E MORTON ST
Handler City,State,Zip:	TACOMA, WA 98404
EPA ID:	WA0000627703
Contact Name:	DON NEWMAN
Contact Address:	409 E MORTON ST
Contact City,State,Zip:	TACOMA, WA 98404
Contact Telephone:	253-627-1477
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	MR
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	409 E MORTON ST
Mailing City,State,Zip:	TACOMA, WA 98404

NEWMAN RECYCLING (Continued) **1001969800**

Owner Name:	NEWMAN RECYCLING
Owner Type:	Private
Operator Name:	NEWMAN, DON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

NEWMAN RECYCLING (Continued) **1001969800**

Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.

NEWMAN RECYCLING (Continued) **1001969800**

Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON N
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DON N
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-11-02 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

NEWMAN RECYCLING (Continued) **1001969800**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-14 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-10 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-09 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-08-25 00:00:00.0
Handler Name:	NEWMAN RECYCLING

NEWMAN RECYCLING (Continued) **1001969800**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42393
NAICS Description:	RECYCLABLE MATERIAL MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005306533

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NEWMAN RECYCLING (Continued) **1001969800**

Click this hyperlink while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969800
Registry ID:	110005306533
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306533
Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404

BG238 **USPS DOWNTOWN TACOMA PARKING LOT** **WA HSL** **S109556287**
NW **S 14TH ST & COURT A** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.871 mi.
4598 ft. **Site 1 of 2 in cluster BG**

Relative:
Higher

Actual:
66 ft.

HSL:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	99997000
Rank:	5
Region:	SW
EDR Link ID:	99997000
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name: USPS DOWNTOWN TACOMA PARKING LOT

USPS DOWNTOWN TACOMA PARKING LOT (Continued) **S109556287**

Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

USPS DOWNTOWN TACOMA PARKING LOT (Continued) **S109556287**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Facility Id:	99997000

BG239
NW
1/2-1
0.874 mi.
4614 ft.

Relative:
Higher

Actual:
66 ft.

SAUROS CLEANERAMA TACOMA
1401 S PACIFIC AVE
TACOMA, WA 98402

Site 2 of 2 in cluster BG

WA HSL **1004793451**
WA CSCSL **WAD027550722**
WA INST CONTROL
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA DRYCLEANERS
WA Inactive Drycleaners
WA MANIFEST

HSL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	4339824
Rank:	1
Region:	SW
EDR Link ID:	4339824
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4339824
Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 4339824
Region: Southwest
Lat/Long: 47.250154 / -122.43748
Clean Up Siteid: 3310
Site Status: CC-Perf. Monitoring
Contaminant Name: Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 4339824
Region: Southwest
Lat/Long: 47.250154 / -122.43748
Clean Up Siteid: 3310
Site Status: CC-Perf. Monitoring
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 4339824
Region: Southwest
Lat/Long: 47.250154 / -122.43748
Clean Up Siteid: 3310
Site Status: CC-Perf. Monitoring

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	4339824
Latitude:	47.250154
Longitude:	-122.43748
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0150729071e+011
Filing Date Of Individual IC Doc:	07/09/2015
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2014030010, 201403020, 2014030030
Control Active:	True
CS ID:	3310
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	SAUROS CLEANERAMA TACOMA
Facility Id:	4339824

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

RCRA Listings:

Date Form Received by Agency:	2012-01-18 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Handler Address:	1401 S PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD027550722
Contact Name:	CALVIN TAYLOR
Contact Address:	326 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-593-7711
Contact Fax:	Not reported
Contact Email:	CTAYLOR5@CITYOFTACOMA.ORG
Contact Title:	HYDROGEOLOGIST
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST RM 737
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Owner Type:	Private
Operator Name:	TAYLOR, CALVIN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:38:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CALVIN TAYLOR
Legal Status: Municipal
Date Became Current: 2008-12-24 00:00:00.
Date Ended Current: Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
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Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA C
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALVIN T
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-09-22 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-03 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Receive Date:	2002-06-06 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-18 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-13 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-19 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-07 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-06-05 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-27 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-09-22 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-12-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-03 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 81232
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

NAICS Code: 812320
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

NAICS Code: 92119
NAICS Description: OTHER GENERAL GOVERNMENT SUPPORT

NAICS Code: 921190
NAICS Description: OTHER GENERAL GOVERNMENT SUPPORT

NAICS Code: Not reported
NAICS Description: Not reported

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005264310

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793451
Registry ID:	110005264310
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264310
Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

DRYCLEANERS:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA Id:	Not reported
FS Id:	4339824

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported
Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported
Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported
UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	SCS
Status Code:	A
Start Date:	11/20/2006
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	7216
FS SIC Code:	Drycleaning Plants, Except Rug Cleaning
SIC DS:	TOXICS
Latitude:	47.250154000000002
Longitude:	-122.43747999999999
Comments:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

City,State,Zip:	TACOMA, WA 98402
EPA Id:	Not reported
FS Id:	4339824
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported
Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported
Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported
UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	SCS
Status Code:	A
Start Date:	11/20/2006
End Date:	Not reported
NAICS DS:	Drycleaning and Laundry Services (except coin-operated)
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	TOXICS
Latitude:	47.250154000000002
Longitude:	-122.43747999999999
Comments:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

INACTIVE DRYCLEANERS:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA I:	WAD027550722
FS Id:	Not reported
Facility ID:	Not reported
NAICS Code:	812320
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	601330165*
BUSINESS TYPE:	Former Dry Cleaner
MAIL NAME:	Estate of Pete Sauro
MAIL LINE1:	953 S Madison St
MAIL LINE2:	Not reported
MAIL CITY:	Tacoma
MAIL STATE:	WA
MAIL ZIP:	98409
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Estate of Pete Sauro
LEGAL PERSON FIRST NAME:	Ms Betty
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Schindele
LEGAL LINE1:	953 S Madison St
LEGAL LINE2:	Not reported
LEGAL CITY:	Tacoma
LEGAL STATE:	WA
LEGAL ZIP:	98409
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(253)426-6600
LEGAL EFFECTIVE DATE:	1/1/1960
LEGAL ORGANIZATION TYPE:	Private
LAND ORG NAME:	Estate of Pete Sauro
LAND PERSON FIRST NAME:	Ms Betty
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Schindele
LAND LINE1:	953 S Madison St
LAND LINE2:	Not reported
LAND CITY:	Tacoma
LAND STATE:	WA
LAND ZIP:	98409
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(253)426-6600
LAND ORGANIZATION TYPE:	Private
OPERATOR ORG NAME:	Estate of Pete Sauro
OPERATOR PERSON FIRST NAME:	Ms Betty
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Schindele
OPERATOR LINE1:	953 S Madison St
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Tacoma
OPERATOR STATE:	WA
OPERATOR ZIP:	98409
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(253)426-6600
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Private

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

SITE CONTACT FIRST NAME:	Estate of
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Pete Sauro
SITE CONTACT LINE1:	953 S Madison
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Tacoma
SITE CONTACT STATE:	WA
SITE CONTACT ZIP:	98409
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(253)426-6600
SITE CONTACT EMAIL:	jkaspar@farallonconsulting.com
FORM CONTACT FIRST NAME:	Betty
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Schindele
FORM CONTACT LINE1:	6953 S Madison
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Tacoma
FORM CONTACT STATE:	WA
FORM CONTACT ZIP:	98409
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(253)426-6600
FORM CONTACT EMAIL:	jkaspar@farallonconsulting.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHERS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
PBR:	Fal
TBG:	Fal
MIXED RADIOACTIVE:	False
IMPORTER:	False
TSDR FACILITY:	False
IMMEDIATE RECYCLER:	False
GEN DANG FUEL:	False
GEN MARKET TO BURNER:	False
GEN OTHER MARKETERS:	False
UTILITY BOILER BURNER:	False
INDUSTRY BOILER BURNER:	False
FURNACE BURNER:	False
SMELTER DEFERRAL:	False
SMALL QTY EXEMPTION:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
UW THERMOSTATS GEN:	False
UW MERCURY GEN:	False
UW LAMPS GEN:	False
UW BATTERY ACCUM:	False
UW THERMOSTATS ACCUM:	False
UW MERCURY ACCUM:	False
UW LAMPS ACCUM:	False
UW DESTINATION FACILITY:	False
OFF SPEC UTILITY BOILER:	False
OFF SPEC INDUSTRY BOILER:	False
OFF SPEC FURNACE:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

USED OIL TRANSPORTER: False
USED OIL TRANSFER FACILITY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MARKETER DIR SHIPMENTS: False
USED OIL FUEL MARKETER MEETS SPECS: False
ECO Int Type Code: Not reported
Status Code: Not reported
Start Date: Not reported
End Date: Not reported
NAICS DS: Not reported
Program Name: Not reported
FS SIC Code: Not reported
SIC DS: Not reported
Latitude: Not reported
Longitude: Not reported
Comments: ID number to remain active to address remedial investigation derived waste removed from the site in January 2009.

WA MANIFEST:
Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility Address 2: Not reported
Facility ID: 4339824
EPA ID: WAD027550722
NAICS: 921190
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: Not reported
Business Type: Former Dry Cleaner
Mail Name: City of Tacoma Real Property Services
Mailing Address: 747 Market St Rm 737
Mailing City,State,Zip: Tacoma, WA 98402
Legal Organization Name: City of Tacoma Real Property Services
Legal Organization Type: Municipal
Legal Contact: Not reported
Legal Address: 747 Market St Rm 737
Legal Address 2: Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5515
Legal Effective Date:	12/24/2008
Land Organization Name:	City of Tacoma Real Property Services
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 737
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5515
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	Calvin Taylor
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)593-7711
Operator Effective Date:	12/24/2008
Site Contact:	Calvin Taylor
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)593-7711
Site Contact Email:	ctaylor5@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	921190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Sight cleanup is complete. No additional waste will be generated at this site
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Former Dry Cleaner
Mail Name:	City of Tacoma Real Property Services
Mailing Address:	747 Market St Rm 737
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma Real Property Services
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 737
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5515
Legal Effective Date:	12/24/2008
Land Organization Name:	City of Tacoma Real Property Services
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 737
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5515
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	Calvin Taylor
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)593-7711
Operator Effective Date:	12/24/2008
Site Contact:	Calvin Taylor
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)593-7711
Site Contact Email:	ctaylor5@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	812320
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	ID number to remain active to address remedial investigation derived waste removed from the site in January 2009.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601330165*
Business Type:	Former Dry Cleaner
Mail Name:	Estate of Pete Sauro
Mailing Address:	953 S Madison St
Mailing City,State,Zip:	Tacoma, WA 98409
Legal Organization Name:	Estate of Pete Sauro
Legal Organization Type:	Private
Legal Contact:	Ms Betty Schindele
Legal Address:	953 S Madison St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98409
Legal Phone Number:	(253)426-6600
Legal Effective Date:	01/01/1960
Land Organization Name:	Estate of Pete Sauro
Land Organization Type:	Private
Land Contact:	Ms Betty Schindele
Land Address:	953 S Madison St
Land City,State,Zip:	Tacoma, WA 98409
Land Phone Number:	(253)426-6600
Operator Organization Name:	Estate of Pete Sauro
Operator Organization Type:	Private
Operator:	Ms Betty Schindele
Operator Address:	953 S Madison St

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409
Operator Phone Number:	(253)426-6600
Operator Effective Date:	Not reported
Site Contact:	Estate of Pete Sauro
Site Contact Address:	953 S Madison
Contact City,State,Zip:	Tacoma, WA 98409
Site Contact Phone Number:	(253)426-6600
Site Contact Email:	jkaspar@farallonconsulting.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	812320
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Farallon re-activated the WAD number to remove drums of DW soil and groundwater generated in late 2007. Ecology is currently reviewing a contained-in request for a portion of the soils generated in 2007 that contain low concentrations of PCE and/orTCE. Once the contained-in determination is issued Farallon will manage all waste soil and water per Ecology's requirements. The waste disposal activities will be the subject of the 2008 DW reporting year since no waste has been removed.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601330165*
Business Type:	Former Dry Cleaner
Mail Name:	Estate of Pete Sauro
Mailing Address:	953 S Madison St
Mailing City,State,Zip:	Tacoma, WA 98409
Legal Organization Name:	Estate of Pete Sauro
Legal Organization Type:	Private
Legal Contact:	Ms Betty Schindele
Legal Address:	953 S Madison St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98409
Legal Phone Number:	(253)426-6600
Legal Effective Date:	01/01/1960
Land Organization Name:	Estate of Pete Sauro
Land Organization Type:	Private
Land Contact:	Ms Betty Schindele
Land Address:	953 S Madison St
Land City,State,Zip:	Tacoma, WA 98409
Land Phone Number:	(253)426-6600
Operator Organization Name:	Estate of Pete Sauro
Operator Organization Type:	Private
Operator:	Ms Betty Schindele
Operator Address:	953 S Madison St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409
Operator Phone Number:	(253)426-6600
Operator Effective Date:	01/01/1960
Site Contact:	Estate of Pete Sauro
Site Contact Address:	953 S Madison
Contact City,State,Zip:	Tacoma, WA 98409
Site Contact Phone Number:	(253)426-6600
Site Contact Email:	jkaspar@faralloncsulting.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

240 NW 1/2-1 0.903 mi. 4768 ft.	**1502 MARKET ST TACOMA 1502 MARKET ST TACOMA, WA 98466**	**WA HSL WA CSCSL WA LUST WA UST WA ALLSITES**	**U003352643 N/A**

Relative:
Higher

Actual:
143 ft.

HSL:

Name:	PAX ASSOCIATES
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	72222742
Rank:	5
Region:	SW
EDR Link ID:	72222742
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	PAX ASSOCIATES
Address:	1502 MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	72222742
Region:	Southwest
Lat/Long:	47.24865 / -122.44094
Clean Up Siteid:	6561
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	1502 MARKET ST,1502 MARKET ST TACOMA,PAX ASSOC 15 MARKET,SAM'S TIRE & AUTOMOTIVE,TACOMA AUTOBODY
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PAX ASSOCIATES
Address:	1502 MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	72222742
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6561
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	1502 MARKET ST,1502 MARKET ST TACOMA,PAX ASSOC 15 MARKET,SAM'S TIRE & AUTOMOTIVE,TACOMA AUTOBODY
Response Section:	Southwest

1502 MARKET ST TACOMA (Continued) **U003352643**

Release Date:	08/26/1991
Lust Date:	09/01/1995
Region:	Southwest
Lust ID:	1243
UST ID:	101375
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24865 / -122.44094

UST:

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Facility ID:	72222742
Site Id:	101375
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24865
Decimal Longitude:	-122.44094

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

1502 MARKET ST TACOMA (Continued) **U003352643**

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

1502 MARKET ST TACOMA (Continued) **U003352643**

Dispencer/Pump SFC Type:	Not reported
Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

1502 MARKET ST TACOMA (Continued) **U003352643**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PAX ASSOCIATES
Facility Id:	72222742

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241 SSW 1/2-1 0.908 mi. 4792 ft. | **35TH ST LANDFILL CITY FILL** | **WA CSCSL** | **1008919432**
S 35TH ST & PACIFIC AVE | **WA ALLSITES** | **N/A**
TACOMA, WA 98418 | **FINDS**

Relative: Higher

Actual: 304 ft.

CSCSL:

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected

35TH ST LANDFILL CITY FILL (Continued) **1008919432**

Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	35TH ST LANDFILL CITY FILL
Facility Id:	5774537

FINDS:

35TH ST LANDFILL CITY FILL (Continued) **1008919432**

Registry ID: 110022928162

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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242 NNW 1/2-1 0.912 mi. 4813 ft. | **PETRICH MARINE DOCK 1118 TO 1120 E D ST TACOMA, WA 98421** | **WA CSCSL WA INST CONTROL WA ALLSITES** | **S107747489 N/A**

Relative: Lower
Actual: 14 ft.

CSCSL:

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	414876
Region:	Southwest
Lat/Long:	47.253449318087 / -122.4311931197
Clean Up Siteid:	3980
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	414876
Region:	Southwest
Lat/Long:	47.253449318087 / -122.4311931197
Clean Up Siteid:	3980
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Remediated-Below

PETRICH MARINE DOCK (Continued) **S107747489**

Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197

PETRICH MARINE DOCK (Continued) **S107747489**

Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported

PETRICH MARINE DOCK (Continued) **S107747489**

Bedrock: Not reported
Responsible Unit: Southwest

INST CONTROL:

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	414876
Latitude:	47.253449318
Longitude:	-122.43119312
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0190524015e+011
Filing Date Of Individual IC Doc:	05/24/2019
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001071
Control Active:	True
CS ID:	3980
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	True
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	PETRICH MARINE DOCK
Facility Id:	414876

243
NE
1/2-1
0.913 mi.
4823 ft.

FLOWSERVE CORPORATION
2007 STEWART ST
TACOMA, WA 98421

WA CSCSL **S109553438**
WA ALLSITES **N/A**
WA MANIFEST

Relative:
Lower

Actual:
13 ft.

CSCSL:

Name:	FLOWSERVE STEAM SUPPLY
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8481432

FLOWSERVE CORPORATION (Continued) **S109553438**

Region:	Southwest
Lat/Long:	47.252329346922 / -122.4120146082
Clean Up Siteid:	2637
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	HENZE SERVICES TACOMA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FLOWSERVE STEAM SUPPLY
Facility Id:	8481432
Name:	PACIFIC ATLANTIC EXPRESS CORPORATION
Facility Id:	23129

WA MANIFEST:

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair

FLOWSERVE CORPORATION (Continued) **S109553438**

Mail Name:	Flowserve Corporation
Mailing Address:	1480 Valley Center Parkway
Mailing City,State,Zip:	Bethlehem, PA 18017
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1480 Valley Center Parkway
Legal Address 2:	Not reported
Legal City,State,Zip:	Bethlehem, PA 18017
Legal Phone Number:	(908) 859-7306
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1480 Valley Center Parkway
Operator Address 2:	Not reported
Operator City,State,Zip:	Bethlehem, PA 18017
Operator Phone Number:	(908) 859-7306
Operator Effective Date:	01/02/2000
Site Contact:	Mike Yusella
Site Contact Address:	1480 Valley Center Parkway
Contact City,State,Zip:	Bethlehem, PA 18017
Site Contact Phone Number:	(908) 859-7280
Site Contact Email:	myusella@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

FLOWSERVE CORPORATION (Continued) **S109553438**

Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1480 Valley Center Parkway
Mailing City,State,Zip:	Bethlehem, PA 18017
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1480 Valley Center Parkway
Legal Address 2:	Not reported
Legal City,State,Zip:	Bethlehem, PA 18017
Legal Phone Number:	(908)859-7306
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1480 Valley Center Parkway
Operator Address 2:	Not reported
Operator City,State,Zip:	Bethlehem, PA 18017
Operator Phone Number:	(908)859-7306
Operator Effective Date:	01/02/2000
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200

FLOWSERVE CORPORATION (Continued) **S109553438**

Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421

FLOWSERVE CORPORATION (Continued) **S109553438**

Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com

FLOWSERVE CORPORATION (Continued) **S109553438**

Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402

FLOWSERVE CORPORATION (Continued) **S109553438**

Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477

FLOWSERVE CORPORATION (Continued) **S109553438**

Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Non-regulated water and solids
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402

FLOWSERVE CORPORATION (Continued) **S109553438**

Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D002 (corrosive liquid, acidic, inorganic)
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

FLOWSERVE CORPORATION (Continued) **S109553438**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Diluted 1.25% Ferrous Sulfate solution
CORb Sequence Number:	121411
Sequence Number:	2018929
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	1122.6600193097524
Density Number:	15
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	121411
Waste Sequence Number:	2018929
Sequence Number:	502709
Received EPAID:	IDD073114654
Managed Quanity:	165
Kilogram Quanity:	1122.6600193097524
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	121411
Comments:	Unused RegenOx generated from remedial excavation application
Waste Sequence Number:	2018929
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	121411
Waste Sequence Number:	2018929
Sequence Number:	4362687
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	121411

FLOWSERVE CORPORATION (Continued) **S109553438**

Waste Sequence Number: 2018929
Sequence Number: 1
WCDD Code: G49

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

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244 NNE 1/2-1 0.932 mi. 4921 ft. **PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PR** **WA CSCSL** **S117724271**
1621 E PORTLAND AVE **WA ALLSITES** **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 14 ft.

CSCSL:

Name:	PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address:	1621 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2930
Region:	Southwest
Lat/Long:	47.254295103551 / -122.4197597581
Clean Up Siteid:	12590
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address:	1621 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2930
Region:	Southwest
Lat/Long:	47.254295103551 / -122.4197597581
Clean Up Siteid:	12590
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY (Continued) **S117724271**

Bedrock: Not reported
Responsible Unit: Southwest

Name: PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address: 1621 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 2930
Region: Southwest
Lat/Long: 47.254295103551 / -122.4197597581
Clean Up Siteid: 12590
Site Status: Awaiting Cleanup
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address: 1621 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 2930
Region: Southwest
Lat/Long: 47.254295103551 / -122.4197597581
Clean Up Siteid: 12590
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PIERCE COUNTY TAX TITLE UNDEVELOPED INDUSTRIAL PROPERTY
Facility Id: 2930

245 West 1/2-1 0.935 mi. 4935 ft. | **KAHNE & KAHNE PROPERTY**
2117 YAKIMA AVE
TACOMA, WA 98405 | **WA CSCSL** | **S121970335**
WA ALLSITES | **N/A**

Relative: Higher

Actual: 294 ft.

CSCSL:

Name:	KAHNE & KAHNE PROPERTY
Address:	2117 YAKIMA AVE
City,State,Zip:	TACOMA, WA 98405
Facility ID:	54136
Region:	Southwest
Lat/Long:	47.24151 / -122.44444
Clean Up Siteid:	14550
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	KAHNE & KAHNE PROPERTY
Address:	2117 YAKIMA AVE
City,State,Zip:	TACOMA, WA 98405
Facility ID:	54136
Region:	Southwest
Lat/Long:	47.24151 / -122.44444
Clean Up Siteid:	14550
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	KAHNE & KAHNE PROPERTY
Facility Id:	54136

BH246 **MIDDLE WATERWAY STEEL SLAG** **WA HSL** **1007068843**
North **E F ST & 11TH ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.944 mi. **FINDS**
4985 ft. **Site 1 of 2 in cluster BH**

Relative:
Lower

Actual:
10 ft.

HSL:

Name:	MIDDLE WATERWAY STEEL SLAG
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	55212794
Rank:	0
Region:	SW
EDR Link ID:	55212794
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	MIDDLE WATERWAY STEEL SLAG
Address:	E F ST & 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	55212794
Region:	Southwest
Lat/Long:	47.256094760565 / -122.4284242004
Clean Up Siteid:	3519
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	MIDDLE WATERWAY ESTUARINE NATURAL RESOUC,STEEL SLAG SITE
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Remediated
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	MIDDLE WATERWAY STEEL SLAG
Address:	E F ST & 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	55212794
Region:	Southwest
Lat/Long:	47.256094760565 / -122.4284242004
Clean Up Siteid:	3519
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	MIDDLE WATERWAY ESTUARINE NATURAL RESOUC,STEEL SLAG SITE
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

MIDDLE WATERWAY STEEL SLAG (Continued) **1007068843**

Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Remediated
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: MIDDLE WATERWAY STEEL SLAG
Facility Id: 55212794

FINDS:
Registry ID: 110015454435

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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247 North 1/2-1 0.957 mi. 5055 ft. | **LYDEN CASTPARTS INC 11TH**
652 E 11TH ST
TACOMA, WA 98421 | **WA CSCSL** **WA LUST** **WA UST** **WA ALLSITES** **FINDS** | **1007066011** **N/A**

Relative: Lower
Actual: 6 ft.

CSCSL:
Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 73627378
Region: Southwest
Lat/Long: 47.25497303 / -122.4268314
Clean Up Siteid: 10335
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WESTERN MACHINE WORKS

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Region:	Southwest
Lat/Long:	47.25497303 / -122.4268314
Clean Up Siteid:	10335
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Region:	Southwest
Lat/Long:	47.25497303 / -122.4268314
Clean Up Siteid:	10335
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Region:	Southwest
Lat/Long:	47.25497303 / -122.4268314
Clean Up Siteid:	10335
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 73627378
Region: Southwest
Lat/Long: 47.25497303 / -122.4268314
Clean Up Siteid: 10335
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 73627378
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10335
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section: Southwest
Release Date: 12/02/1994
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 3735
UST ID: 200780
Contaminant Name: Petroleum-Diesel
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2549730 / -122.42683

Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

UST:

Name:	BALL PROPERTY
Address:	652 E 11TH
City:	TACOMA
Zip:	98421
Facility ID:	73627378
Site Id:	200780
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.25497303
Decimal Longitude:	-122.4268314

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/27/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BALL PROPERTY
Address:	652 E 11TH
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/27/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BALL PROPERTY
Address:	652 E 11TH
City:	TACOMA
Zip:	98421

Tank Name:	3

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/27/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	LYDEN CASTPARTS INC 11TH
Facility Id:	73627378
Name:	WESTERN MACHINE WORKS
Facility Id:	9587823

FINDS:

Registry ID: 110015425896

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BH248 **EAST F STREET SUBSTATION** **WA CSCSL** **S118640641**
North **1015 E F ST** **WA ALLSITES** **N/A**
1/2-1 **TACOMA, WA 98421**
0.966 mi.
5098 ft. **Site 2 of 2 in cluster BH**

Relative:
Lower

Actual:
9 ft.

CSCSL:

Name:	EAST F STREET SUBSTATION
Address:	1015 E F ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	12444
Region:	Southwest
Lat/Long:	47.255468 / -122.428284
Clean Up Siteid:	13036
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	EAST F STREET SUBSTATION
Address:	1015 E F ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	12444
Region:	Southwest
Lat/Long:	47.255468 / -122.428284
Clean Up Siteid:	13036
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	EAST F STREET SUBSTATION
Address:	1015 E F ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	12444
Region:	Southwest
Lat/Long:	47.255468 / -122.428284
Clean Up Siteid:	13036
Site Status:	Awaiting Cleanup

EAST F STREET SUBSTATION (Continued) **S118640641**

Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: EAST F STREET SUBSTATION
Address: 1015 E F ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 12444
Region: Southwest
Lat/Long: 47.255468 / -122.428284
Clean Up Siteid: 13036
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: EAST F STREET SUBSTATION
Address: 1015 E F ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 12444
Region: Southwest
Lat/Long: 47.255468 / -122.428284
Clean Up Siteid: 13036
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

EAST F STREET SUBSTATION (Continued) **S118640641**

Name:	EAST F STREET SUBSTATION
Address:	1015 E F ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	12444
Region:	Southwest
Lat/Long:	47.255468 / -122.428284
Clean Up Siteid:	13036
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	EAST F STREET SUBSTATION
Facility Id:	12444

249
NW
1/2-1
0.973 mi.
5136 ft.

Relative:
Higher

Actual:
85 ft.

A STREET SITE **WA CSCSL** **1001969662**
1201 A ST **WA LUST** **WAH000010264**
TACOMA, WA 98402 **WA ALLSITES**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

CSCSL:

Name:	1201 A STREET SITE KEY BANK
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22366696
Region:	Southwest
Lat/Long:	47.252123046505 / -122.4363923476
Clean Up Siteid:	3386
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

A STREET SITE (Continued) **1001969662**

Name:	1201 A STREET SITE KEY BANK
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22366696
Region:	Southwest
Lat/Long:	47.252123046505 / -122.4363923476
Clean Up Siteid:	3386
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	1201 A STREET SITE KEY BANK
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22366696
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	3386
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Response Section:	Southwest
Release Date:	03/17/2011
Lust Date:	03/16/2011
Region:	Southwest
Lust ID:	6526
UST ID:	619784
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2521230 / -122.43639

Name:	1201 A STREET SITE KEY BANK
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22366696
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	3386
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Response Section:	Southwest

A STREET SITE (Continued) **1001969662**

Release Date:	03/17/2011
Lust Date:	03/16/2011
Region:	Southwest
Lust ID:	6526
UST ID:	619784
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2521230 / -122.43639

ALLSITES:

Name:	1201 A STREET SITE KEY BANK
Facility Id:	22366696

RCRA Listings:

Date Form Received by Agency:	2006-03-04 00:00:00.0
Handler Name:	A STREET SITE
Handler Address:	1201 A ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAH000010264
Contact Name:	JEREMY PORTER
Contact Address:	811 1ST AVE STE 480
Contact City,State,Zip:	SEATTLE, WA 98104
Contact Telephone:	206-838-5835
Contact Fax:	Not reported
Contact Email:	JPORTER@ASPECTCONSULTING.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1872
Mailing City,State,Zip:	TACOMA, WA 98401
Owner Name:	HAUB BROTHERS ENTERPRISES TRUST
Owner Type:	Private
Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

A STREET SITE (Continued) **1001969662**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:13:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Owner

A STREET SITE (Continued) **1001969662**

Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN B
Legal Status:	Private
Date Became Current:	1999-12-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

A STREET SITE (Continued) **1001969662**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402

A STREET SITE (Continued) **1001969662**

Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-12-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported

A STREET SITE (Continued) **1001969662**

Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	A STREET SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

A STREET SITE (Continued) **1001969662**

Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS E H
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

A STREET SITE (Continued) **1001969662**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-12-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	A STREET SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402

A STREET SITE (Continued) **1001969662**

Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.

A STREET SITE (Continued) **1001969662**

Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-02-14 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-04 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

A STREET SITE (Continued) **1001969662**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-12-20 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-14 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-16 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-24 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-30 00:00:00.0
Handler Name:	A STREET SITE

A STREET SITE (Continued) **1001969662**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-10 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-17 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

A STREET SITE (Continued) **1001969662**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81293
NAICS Description:	PARKING LOTS AND GARAGES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005396614

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001969662

A STREET SITE (Continued) **1001969662**

Registry ID:	110005396614
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005396614
Name:	A STREET SITE
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402

WA MANIFEST:

Name:	A STREET SITE
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	22366696
EPA ID:	WAH000010264
NAICS:	81293
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	1145 Broadway Plaza Ste 1000
Tax Reg #:	600018312
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO BOX 1872
Mailing City,State,Zip:	TACOMA, WA 98401-1872
Legal Organization Name:	Haub Brothers Enterprises Trust
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	Williams Kastner & Gibbs PLLC
Legal Address 2:	1145 Broadway Plaza Ste 1000
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	(253)593-5620
Legal Effective Date:	07/09/1999
Land Organization Name:	Haub Brothers Enterprises Trust
Land Organization Type:	Private
Land Contact:	John Barline
Land Address:	Williams Kastner & Gibbs PLLC
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	(253)593-5620
Operator Organization Name:	Haub Brothers Enterprises Trust
Operator Organization Type:	Private
Operator:	John Barline

A STREET SITE (Continued) **1001969662**

Operator Address:	Williams Kastner & Gibbs PLLC
Operator Address 2:	1145 Broadway Plaza Ste 1000
Operator City,State,Zip:	TACOMA, WA 98402
Operator Phone Number:	(253)593-5620
Operator Effective Date:	12/21/1999
Site Contact:	Michael Hickey
Site Contact Address:	PO Box 2181
Contact City,State,Zip:	TACOMA, WA 98401
Site Contact Phone Number:	(253)779-2401
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

---

250 NW 1/2-1 0.977 mi. 5156 ft. | **VILLAGIO II APARTMENTS** **1328 MARKET ST** **TACOMA, WA 98402** | **WA CSCSL** **WA ALLSITES** **FINDS** | **1011266438** **N/A**

Relative: Higher

Actual: 154 ft.

CSCSL:

Name:	VILLAGIO II APARTMENTS
Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name: VILLAGIO II APARTMENTS

VILLAGIO II APARTMENTS (Continued) **1011266438**

Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	VILLAGIO II APARTMENTS
Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	VILLAGIO II APARTMENTS
Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

VILLAGIO II APARTMENTS (Continued) **1011266438**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	VILLAGIO II APARTMENTS
Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	VILLAGIO II APARTMENTS
Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	VILLAGIO II APARTMENTS
Facility Id:	5317009

VILLAGIO II APARTMENTS (Continued) **1011266438**

FINDS:
Registry ID: 110036138863

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 11 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		WA SWF/LF
PIERCE COUNTY	S118401944	O'CONNER DEMOLITION FILL	BETWEEN 19TH AND 21ST ST NE AN		WA SWF/LF
PIERCE COUNTY	S118401717	FERGUSON-MATHIAS ROAD DUMP	5818 MATHIAS ROAD E		WA SWF/LF
PIERCE COUNTY	S118401621	CORLISS WOOD WASTE FILL	PROPERTY S OF 7602 RIVER RD		WA SWF/LF
PIERCE COUNTY	S118401723	FRED MASELLA & WALTER MIKESKI DUMP	4214 RIVER RD AND 3937 GAY RD		WA SWF/LF
TACOMA	S124436314	NILSEN PLAT TOWNHOMES	2303 & 2315 S G ST	98405	WA VCP
TACOMA	S124432425	PORTAC INC TACOMA	4215 SR 509 E FRONTAGE RD	98421	WA VCP
TACOMA	S124435155	TPU PASSMORE PROPERTY	1716 72ND ST E	98404	WA VCP
TACOMA	S124433267	BAY TERRACE AKA HILLSIDE TERRACE	SOUTH G STREET AND SOUTH YAKIM	98405	WA VCP
TACOMA	S118401748	GRICE DUMP	S OF THE INTERSECTION OF 25TH		WA SWF/LF
TACOMA	1010080826	PSE TACOMA HISTORICAL COAL GAS	220 E RIVER STREET	98421	EDR MGP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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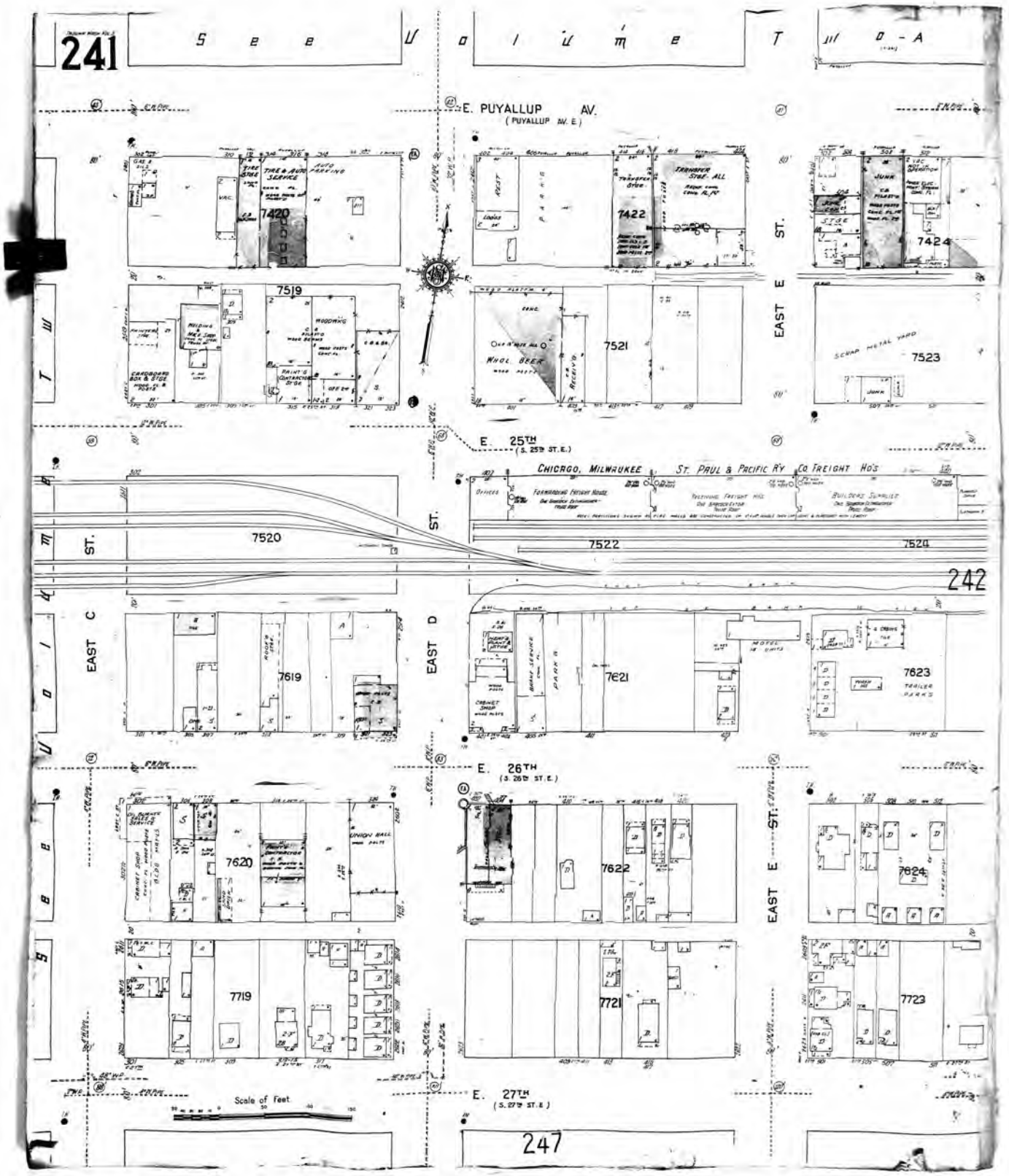

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City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

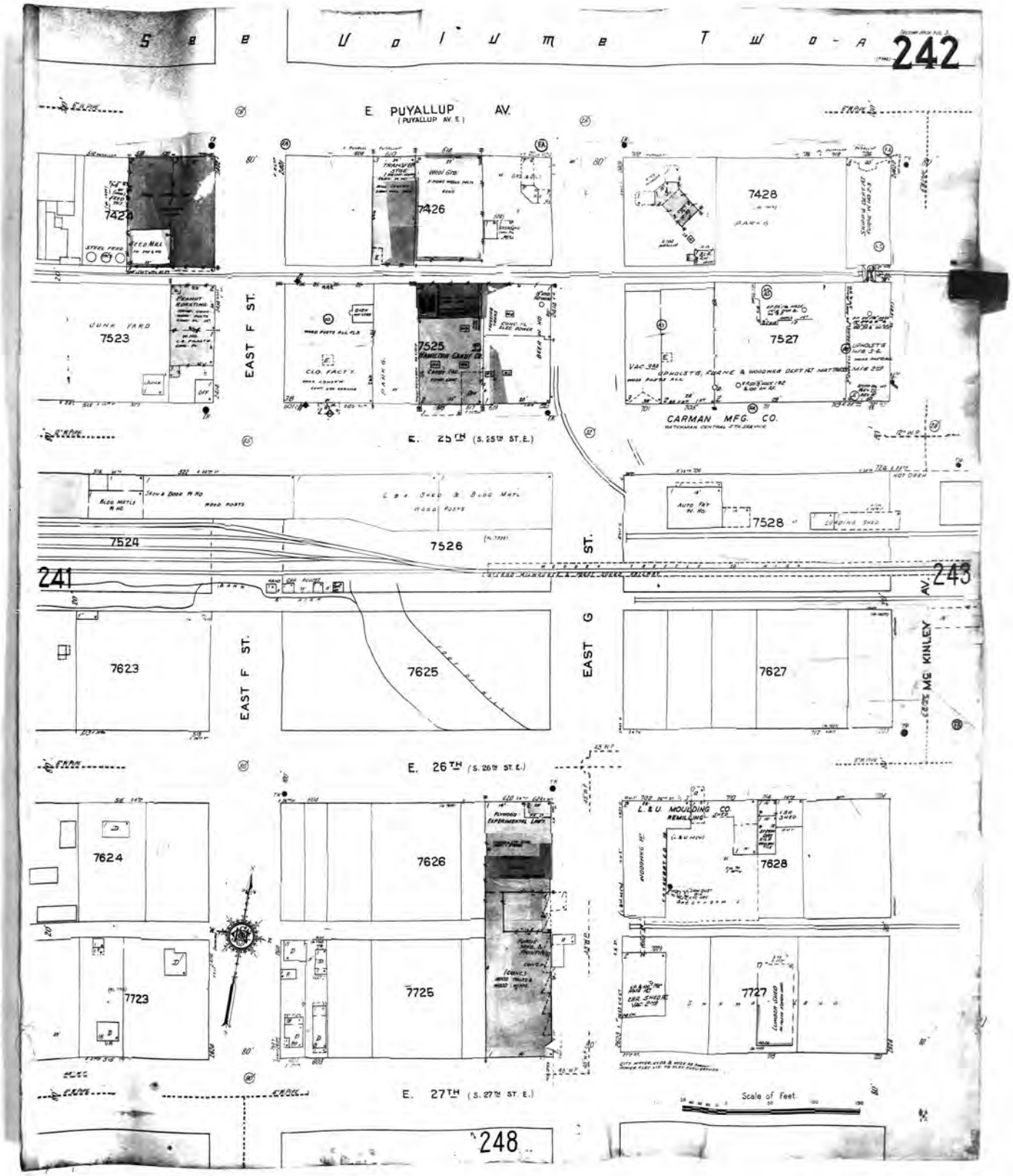

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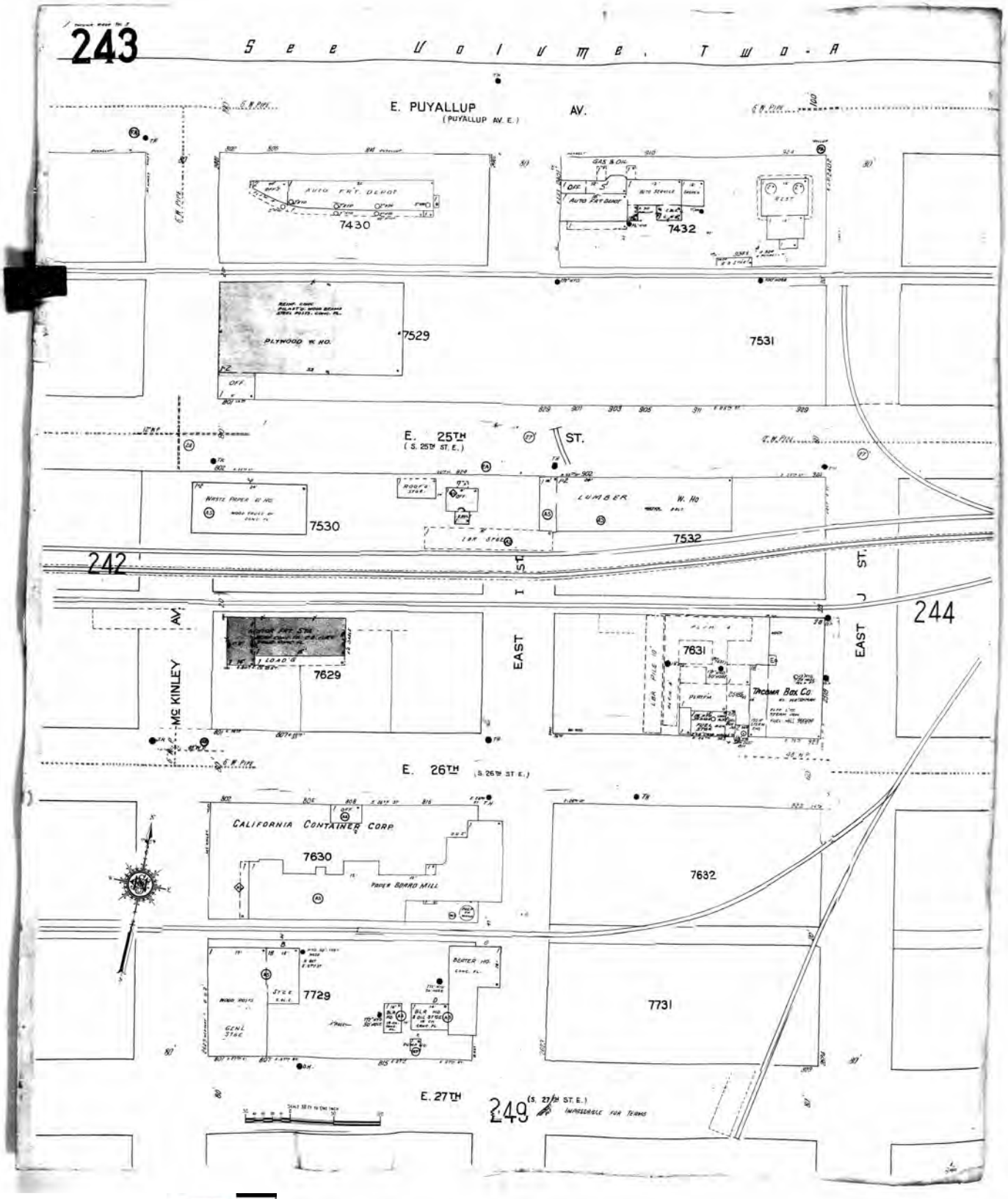

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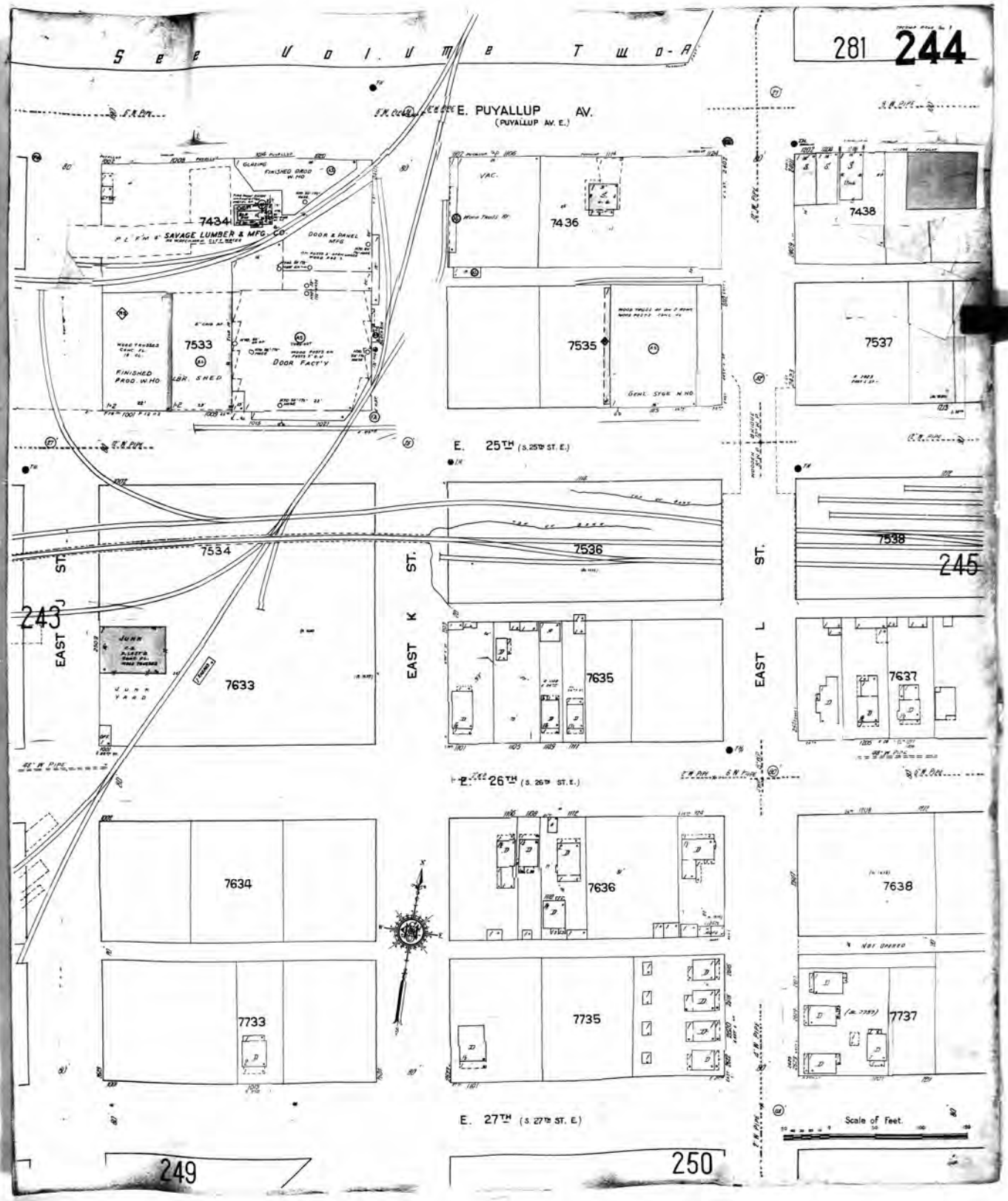

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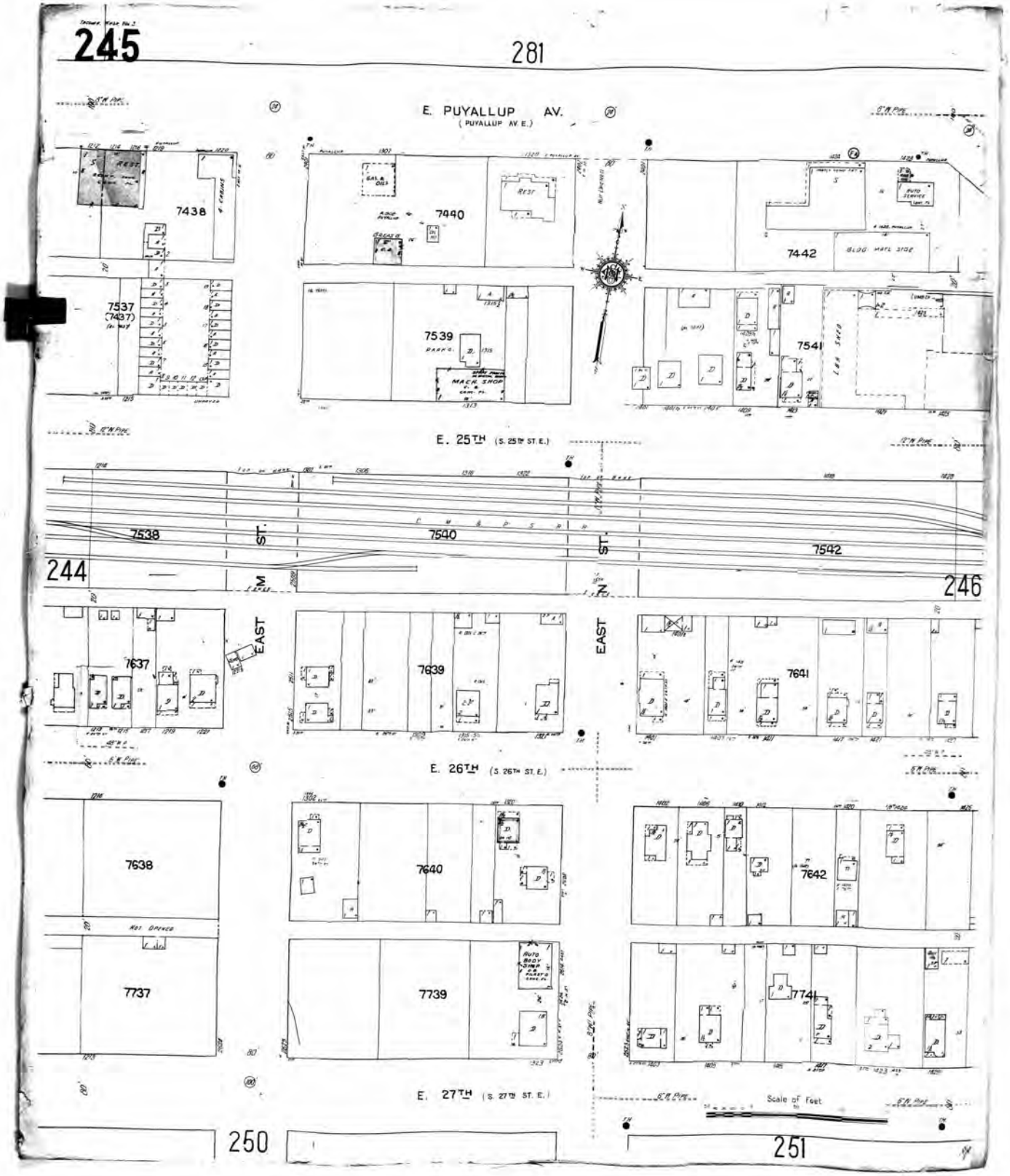

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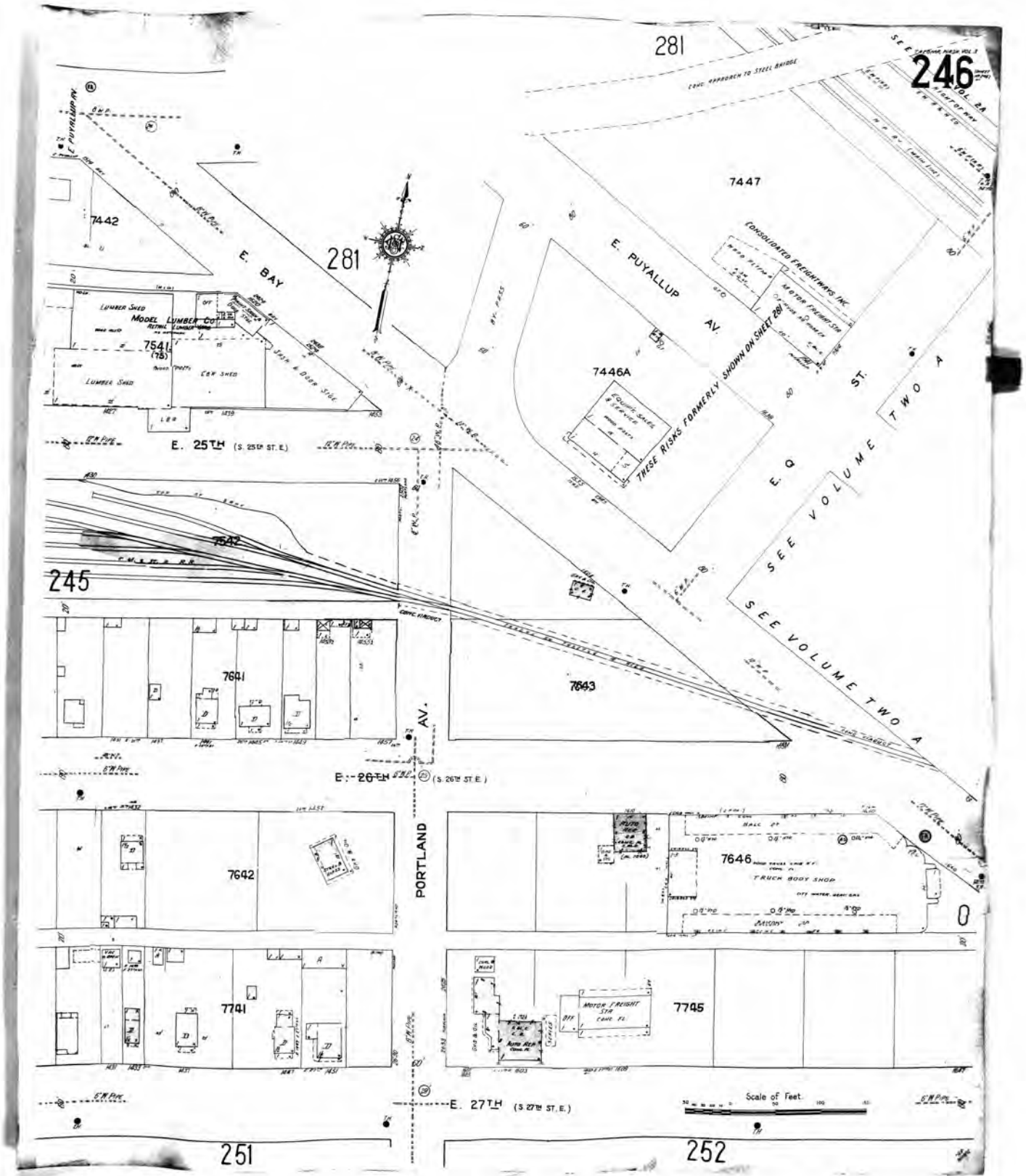

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Copyright	1963

Certified Sanborn® Map

1950

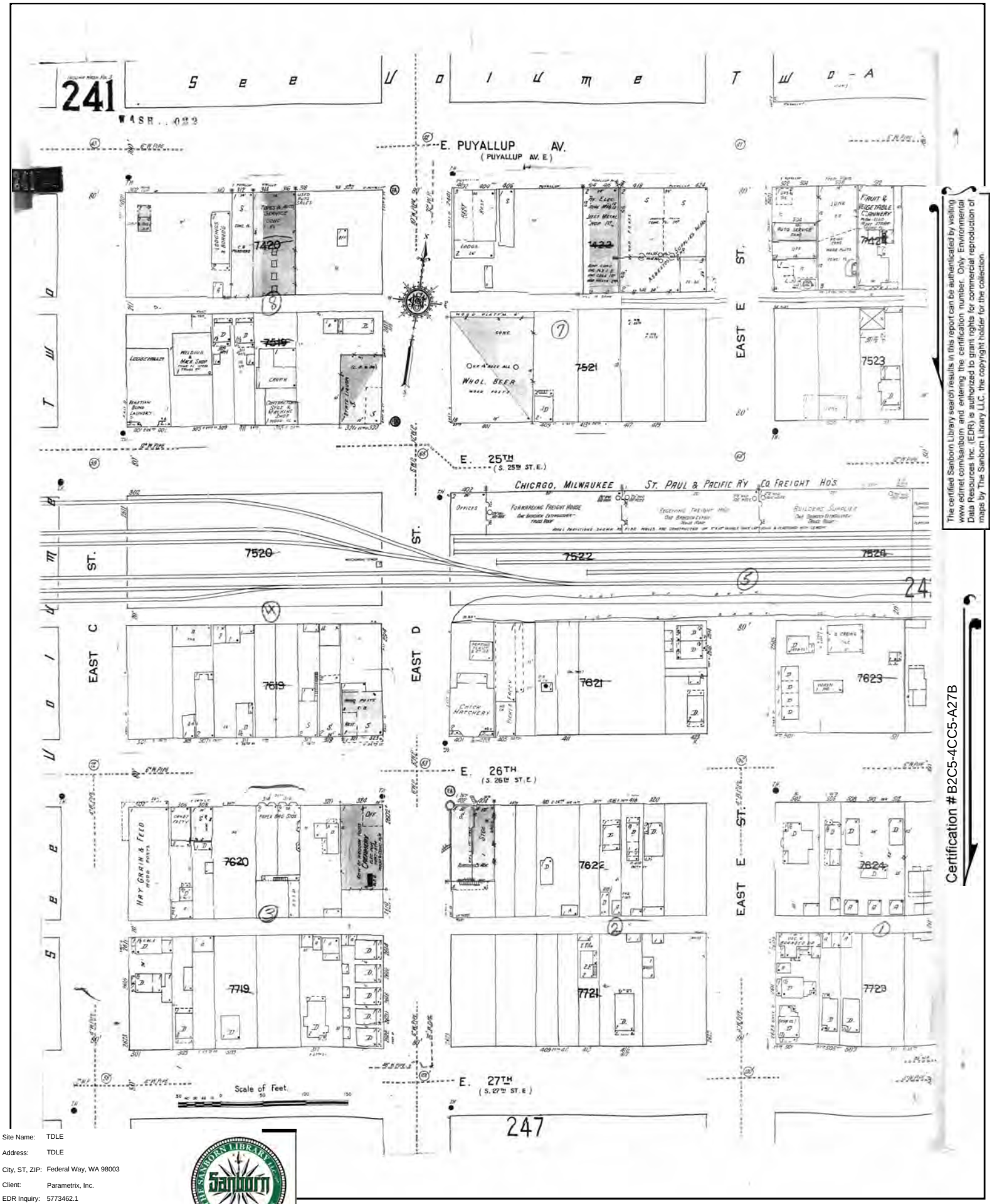

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Copyright	1950

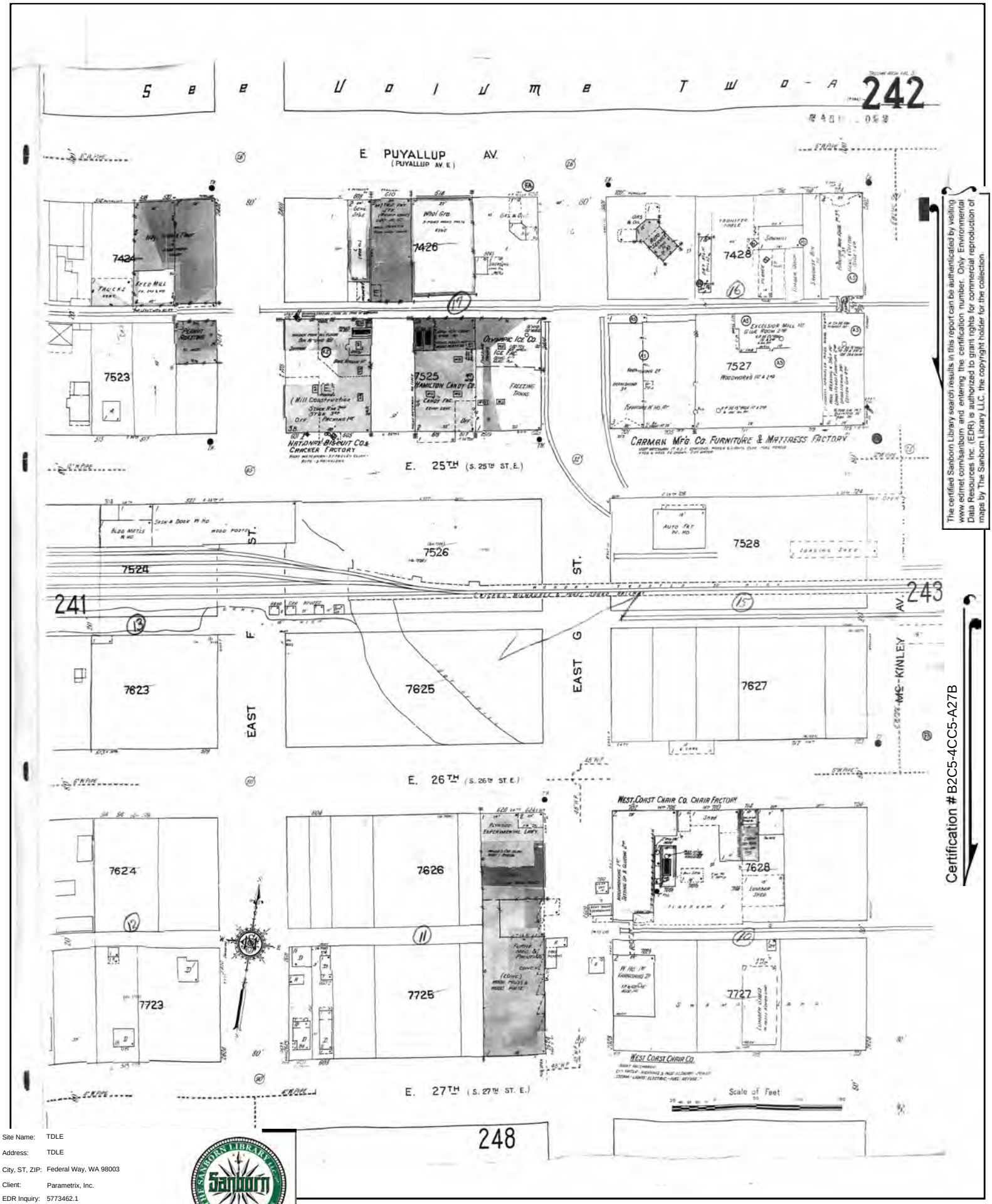

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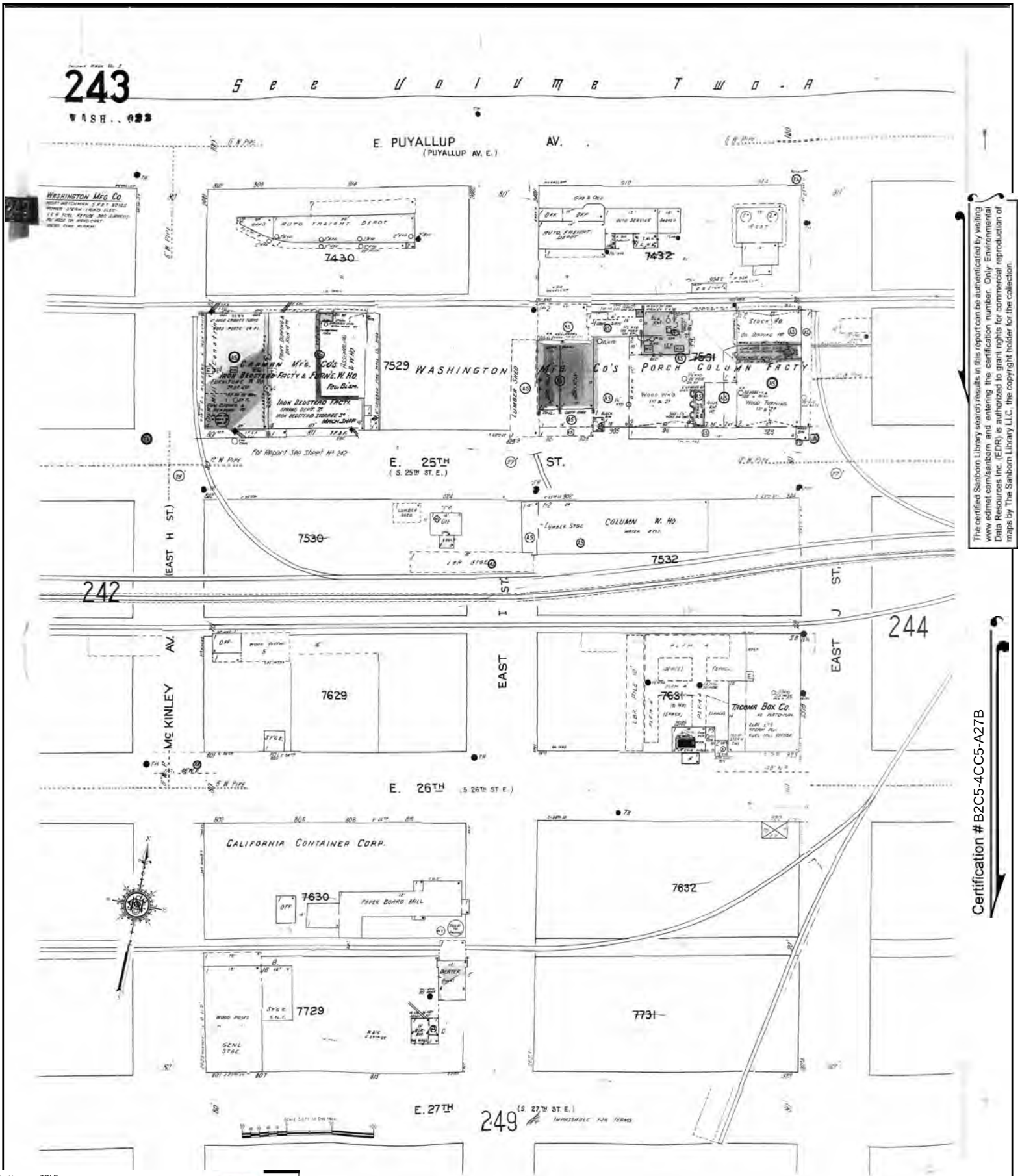

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Copyright	1950

Certified Sanborn® Map

1950

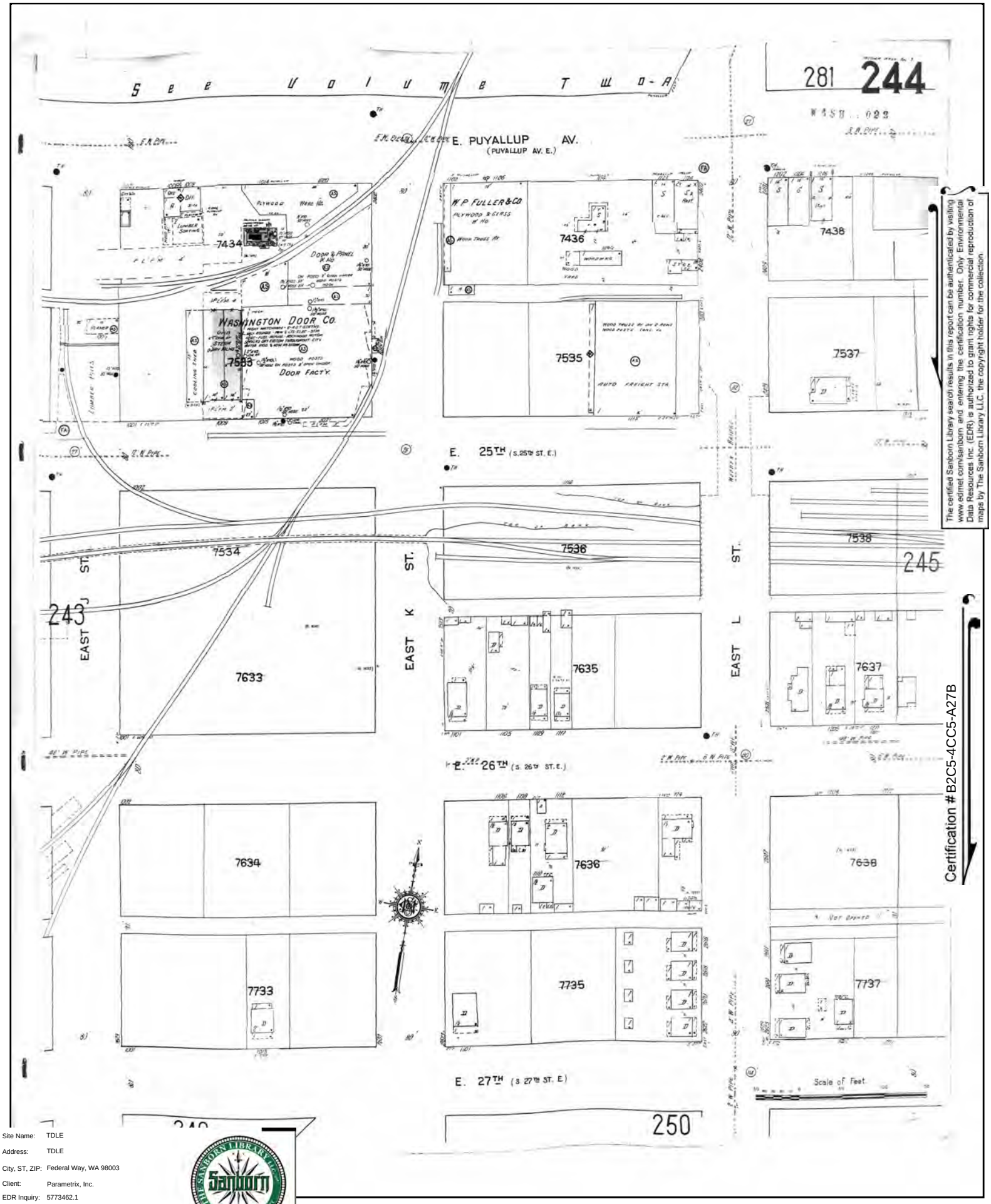

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Copyright	1950

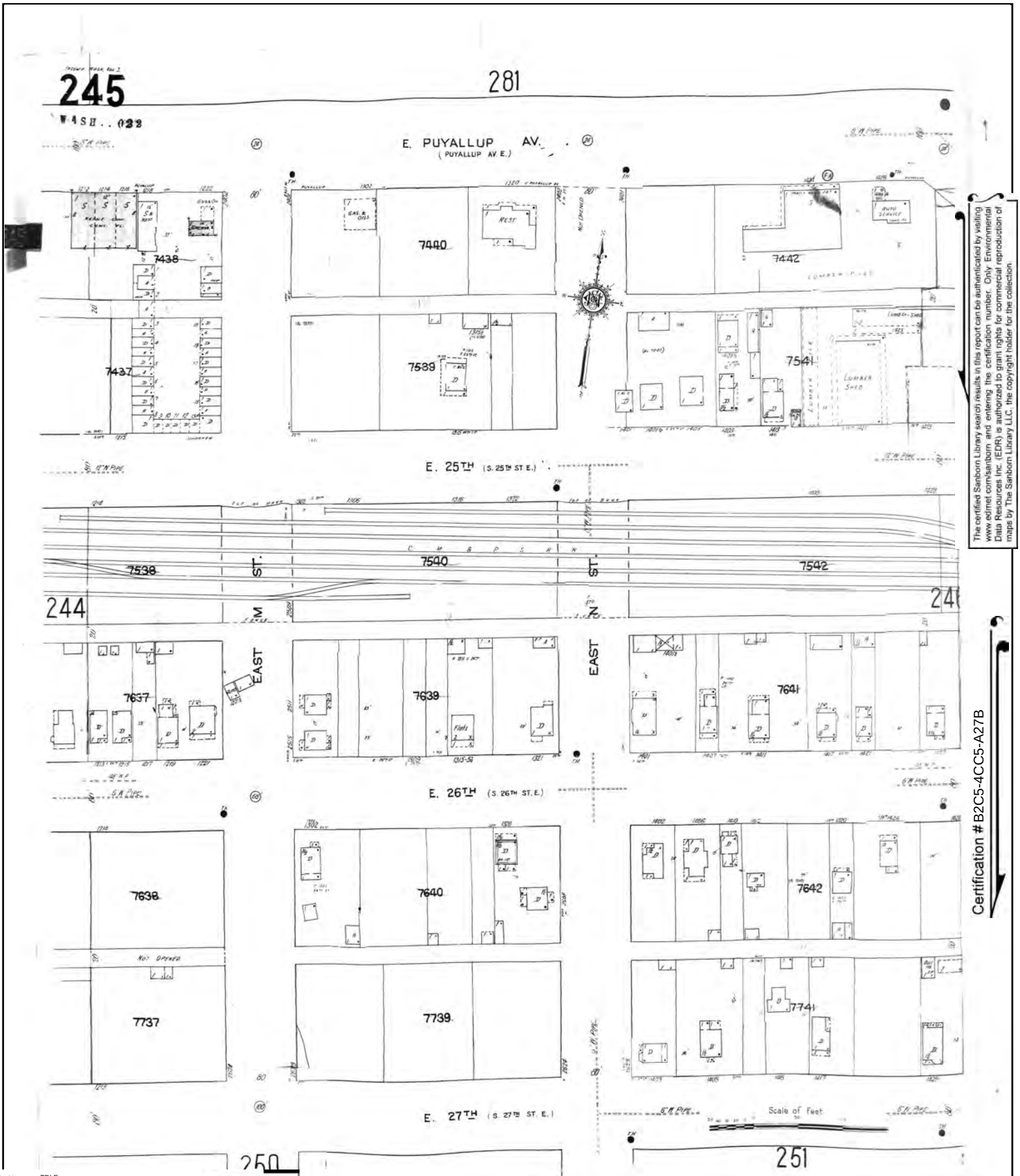

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Copyright	1950

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1950

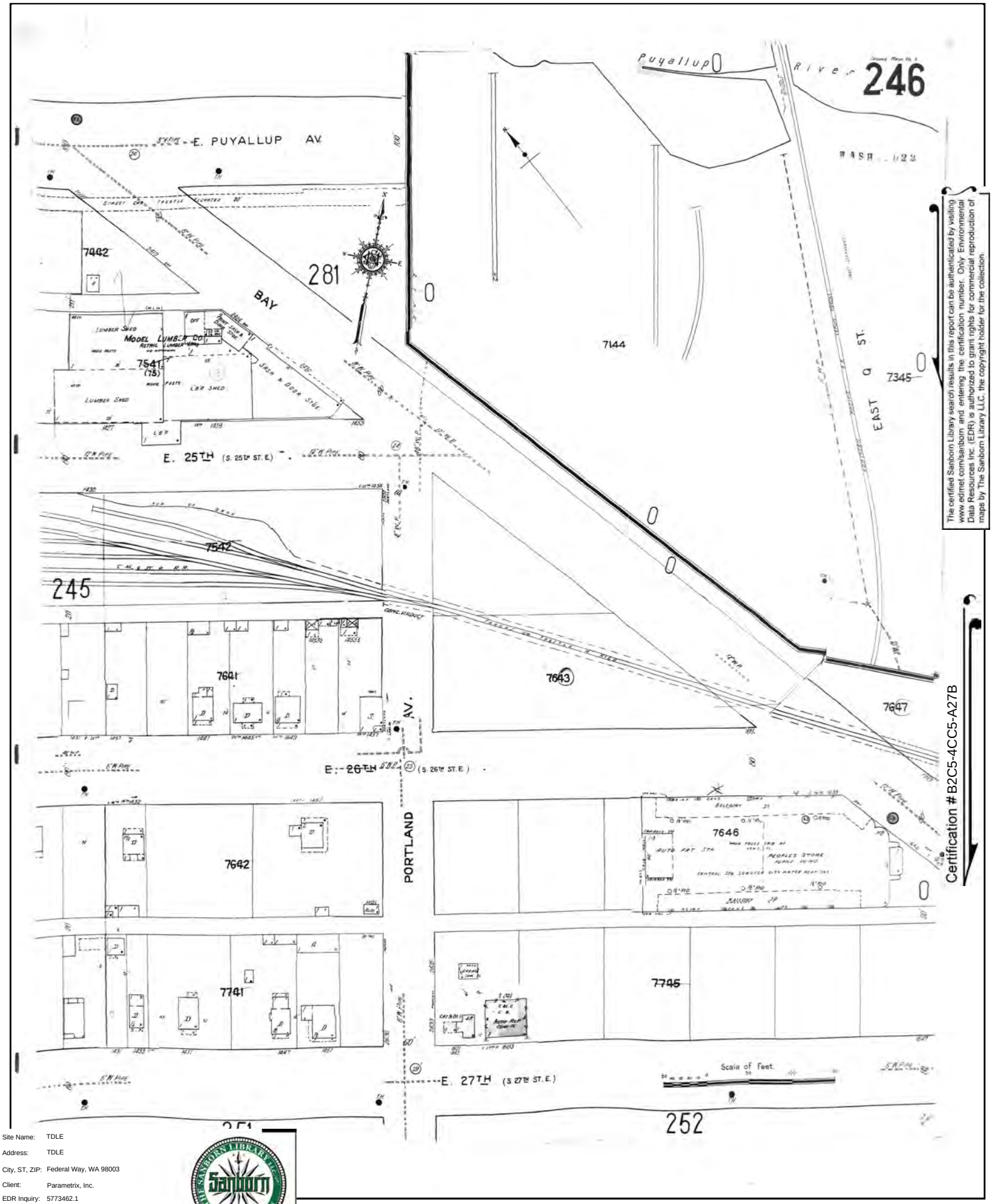

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Copyright	1950

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1912

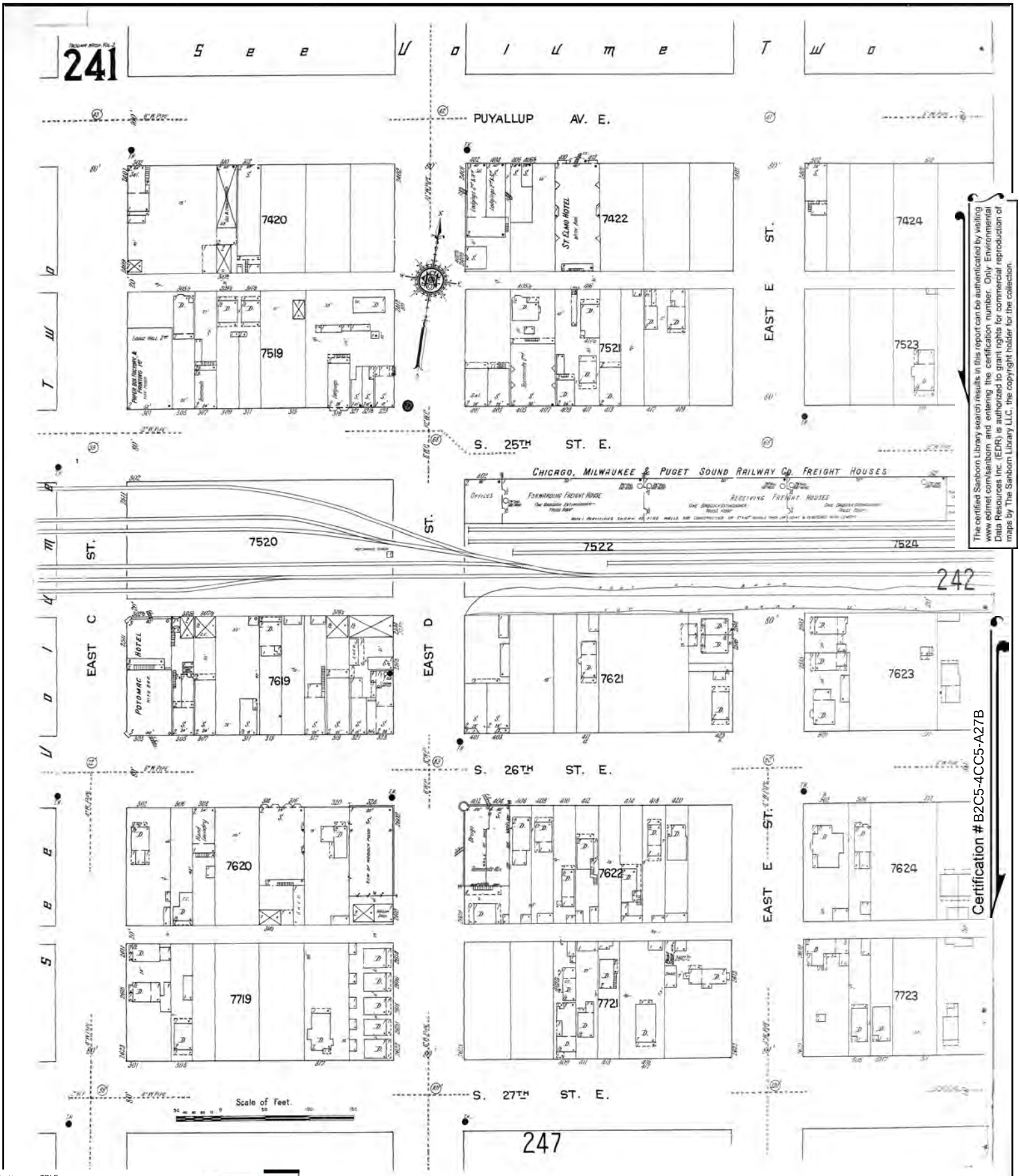

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Copyright	1912

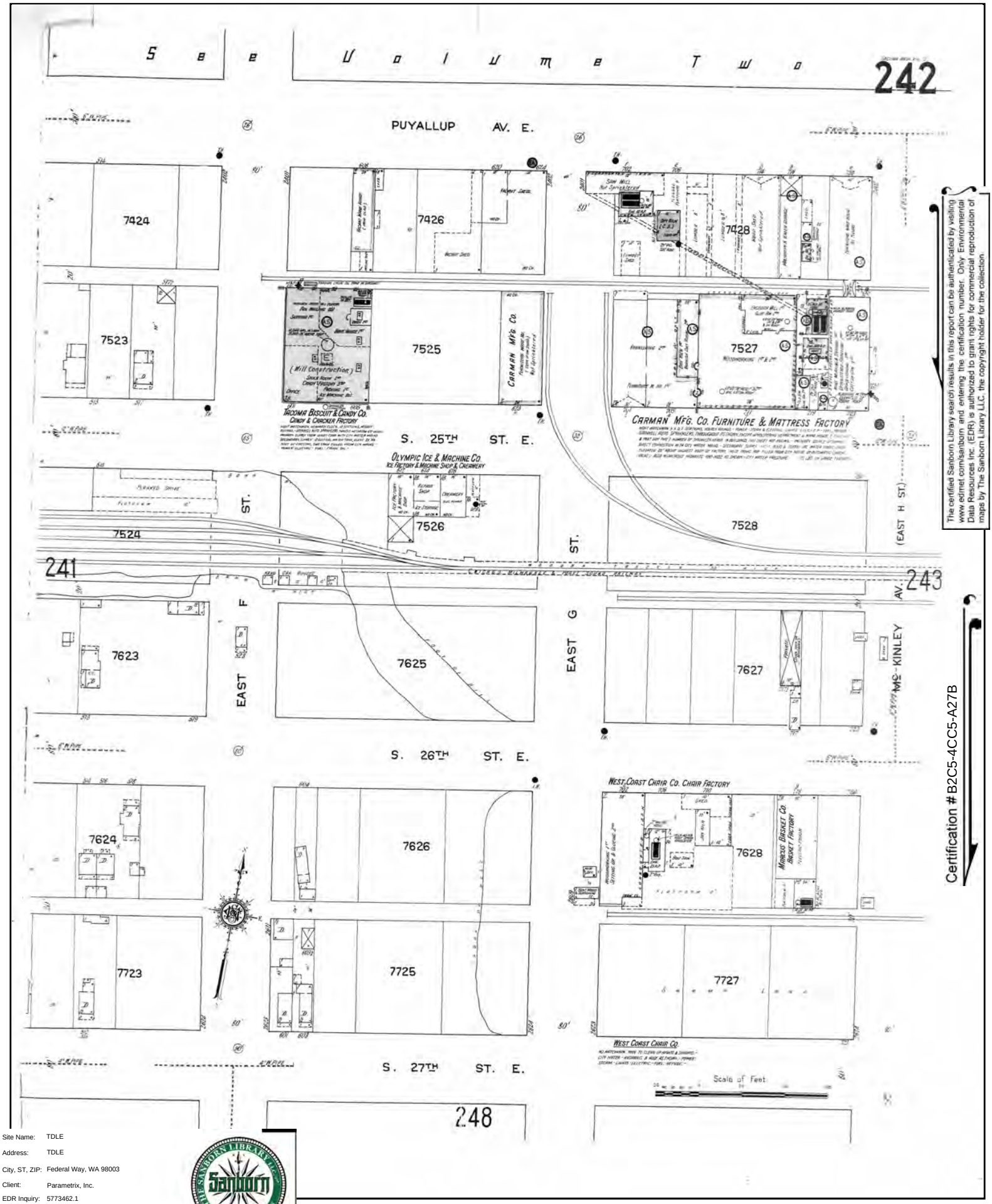

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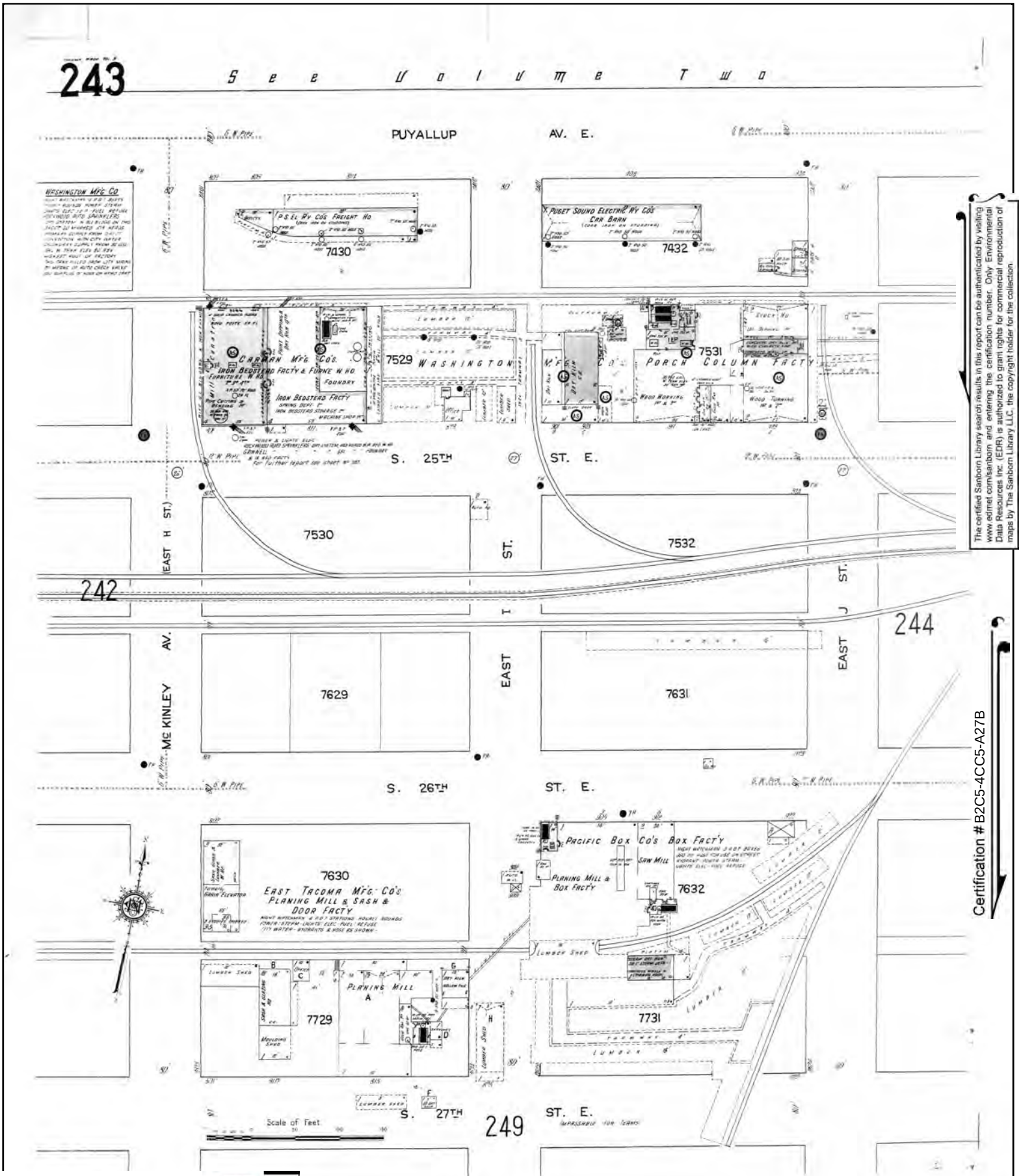

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Copyright	1912

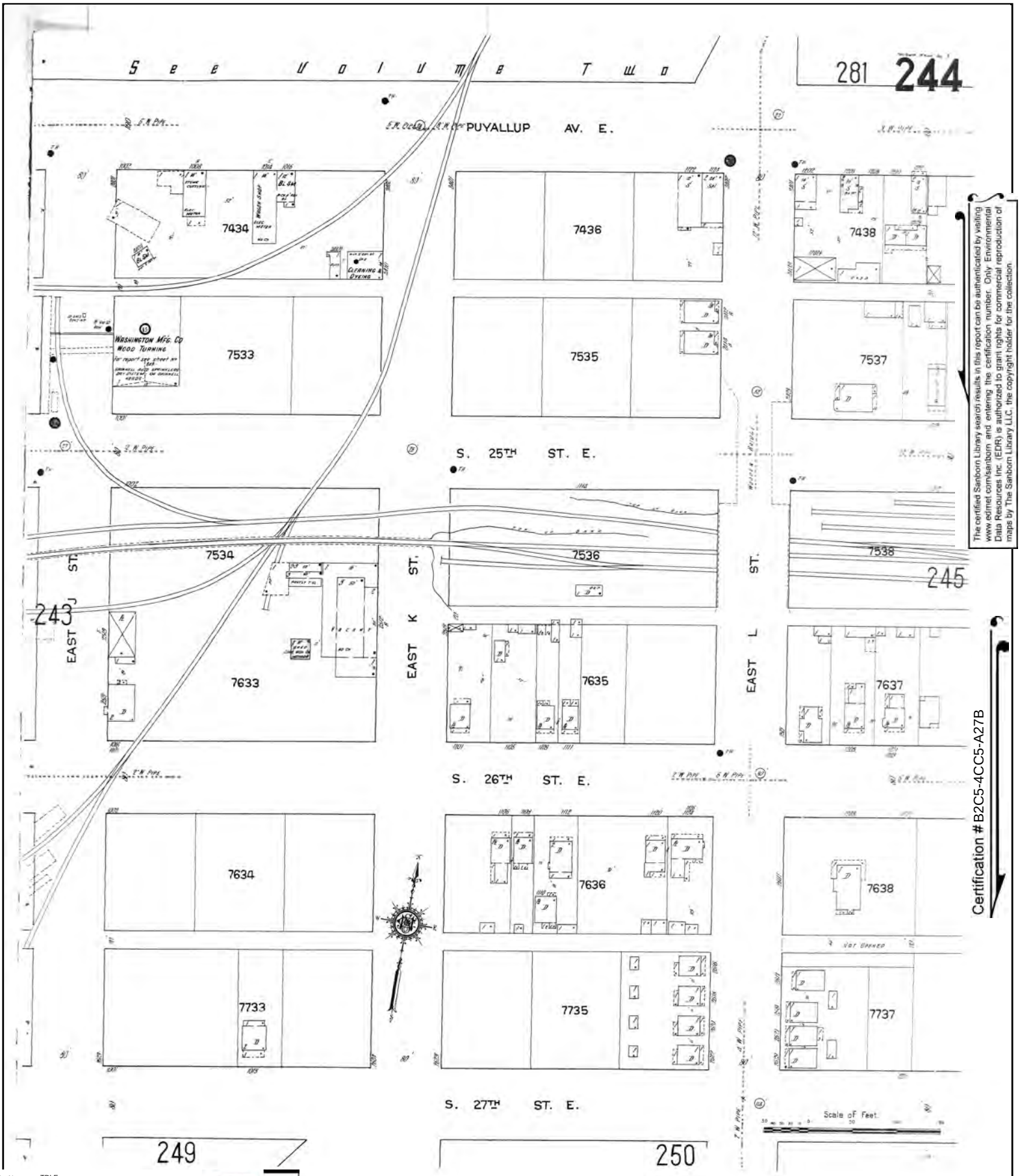

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Copyright	1912

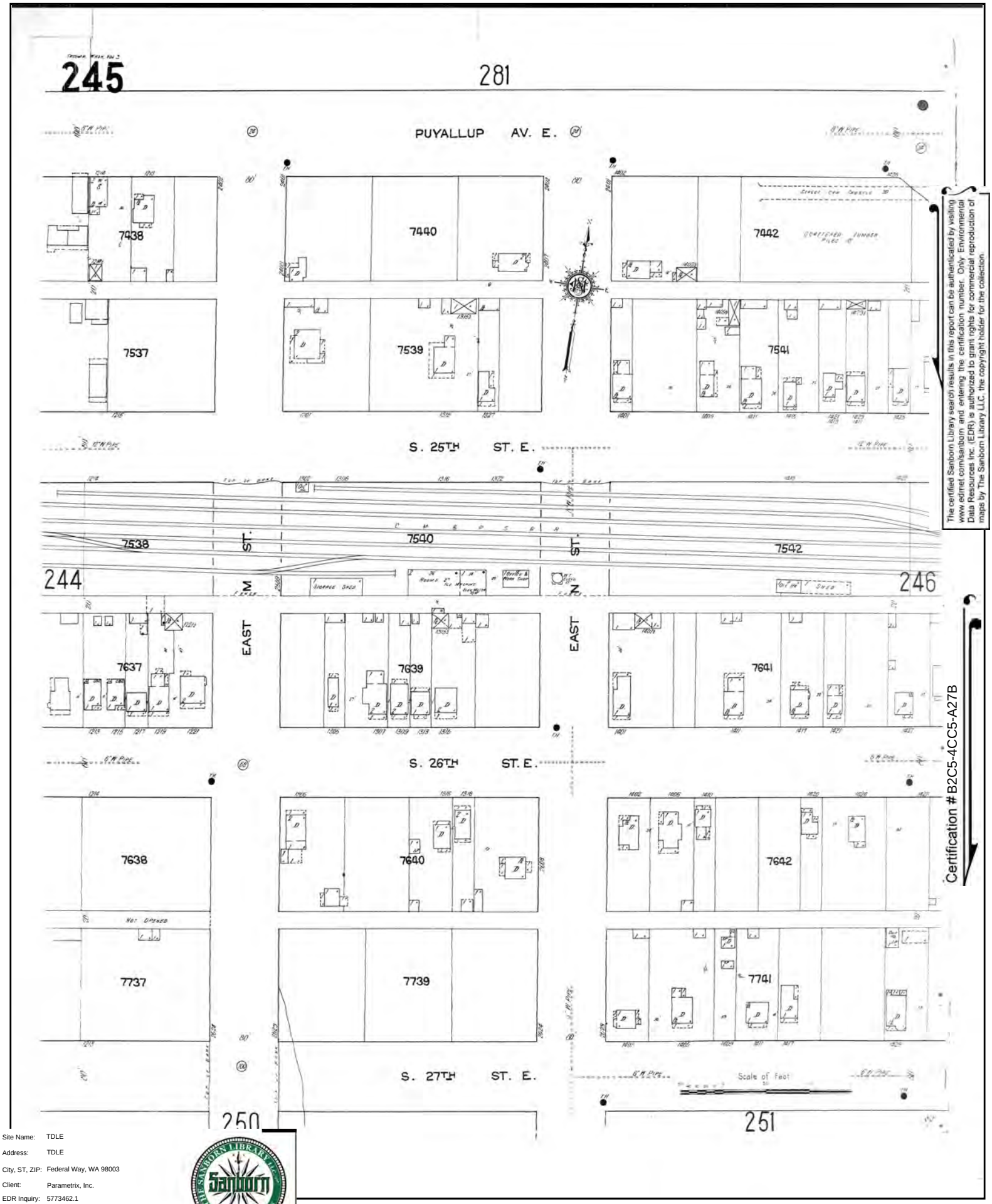

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Certification #	B2C5-4CC5-A27B
Copyright	1912

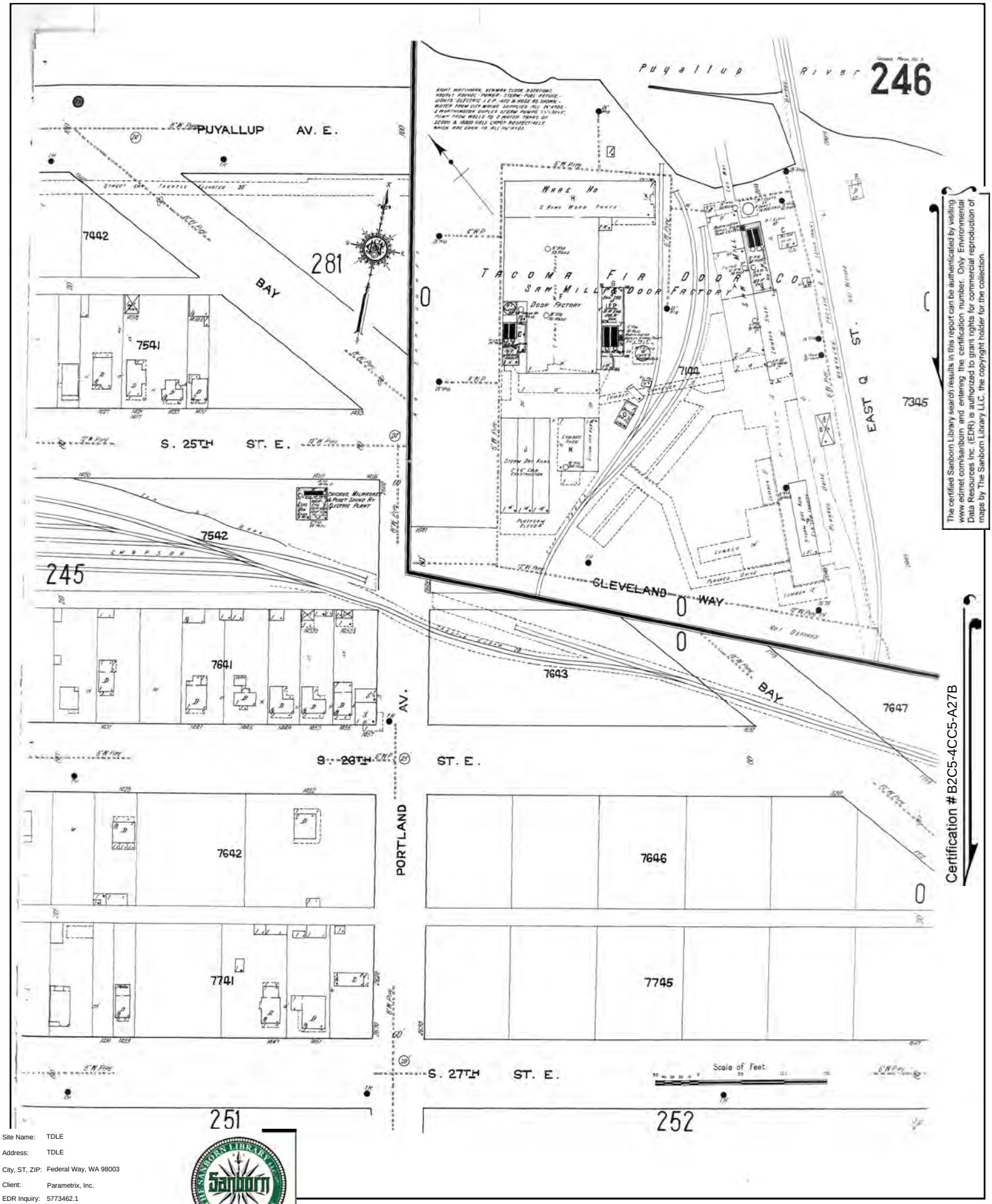

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1912

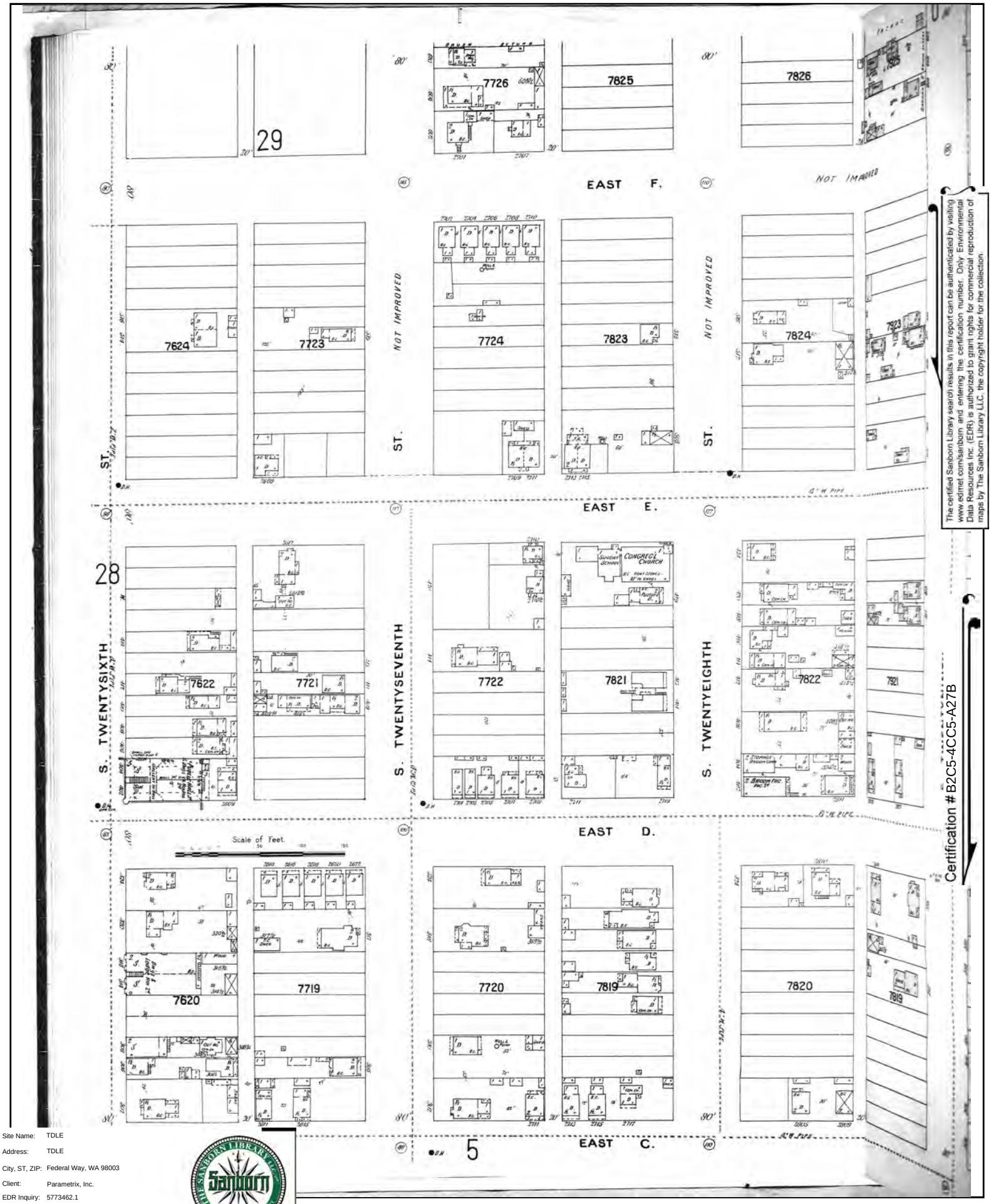

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

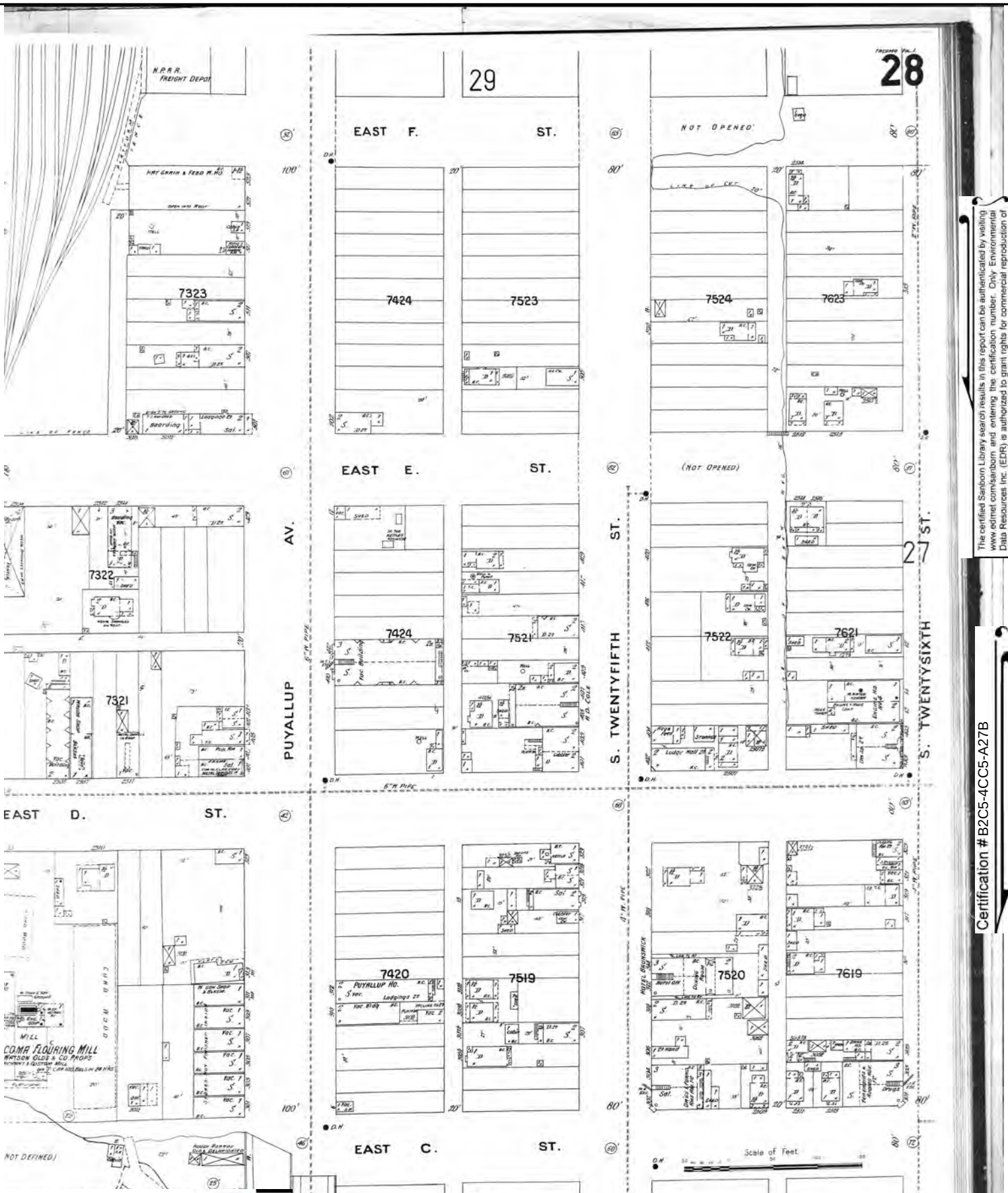

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Certification #	B2C5-4CC5-A27B
Copyright	1896

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

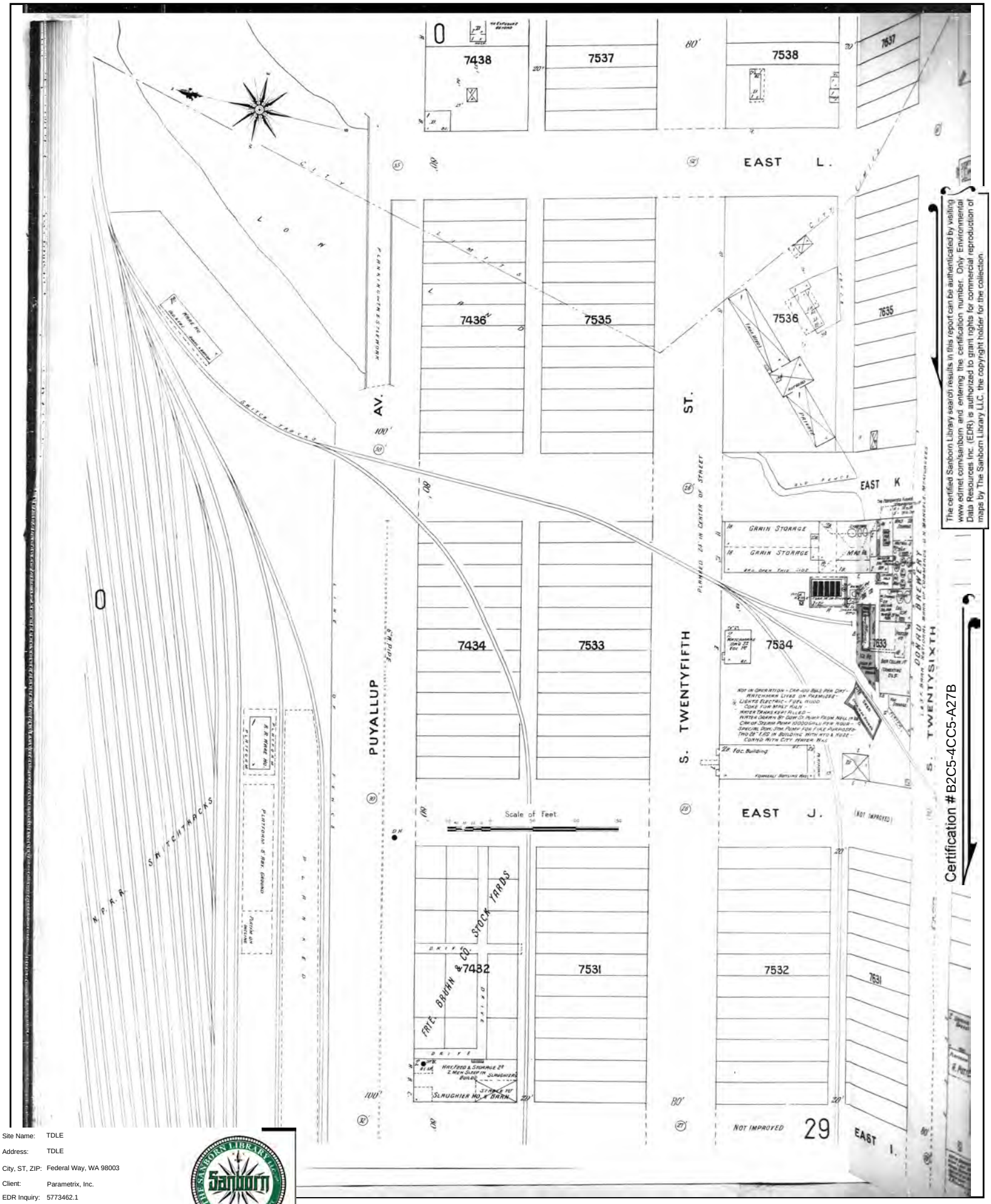

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

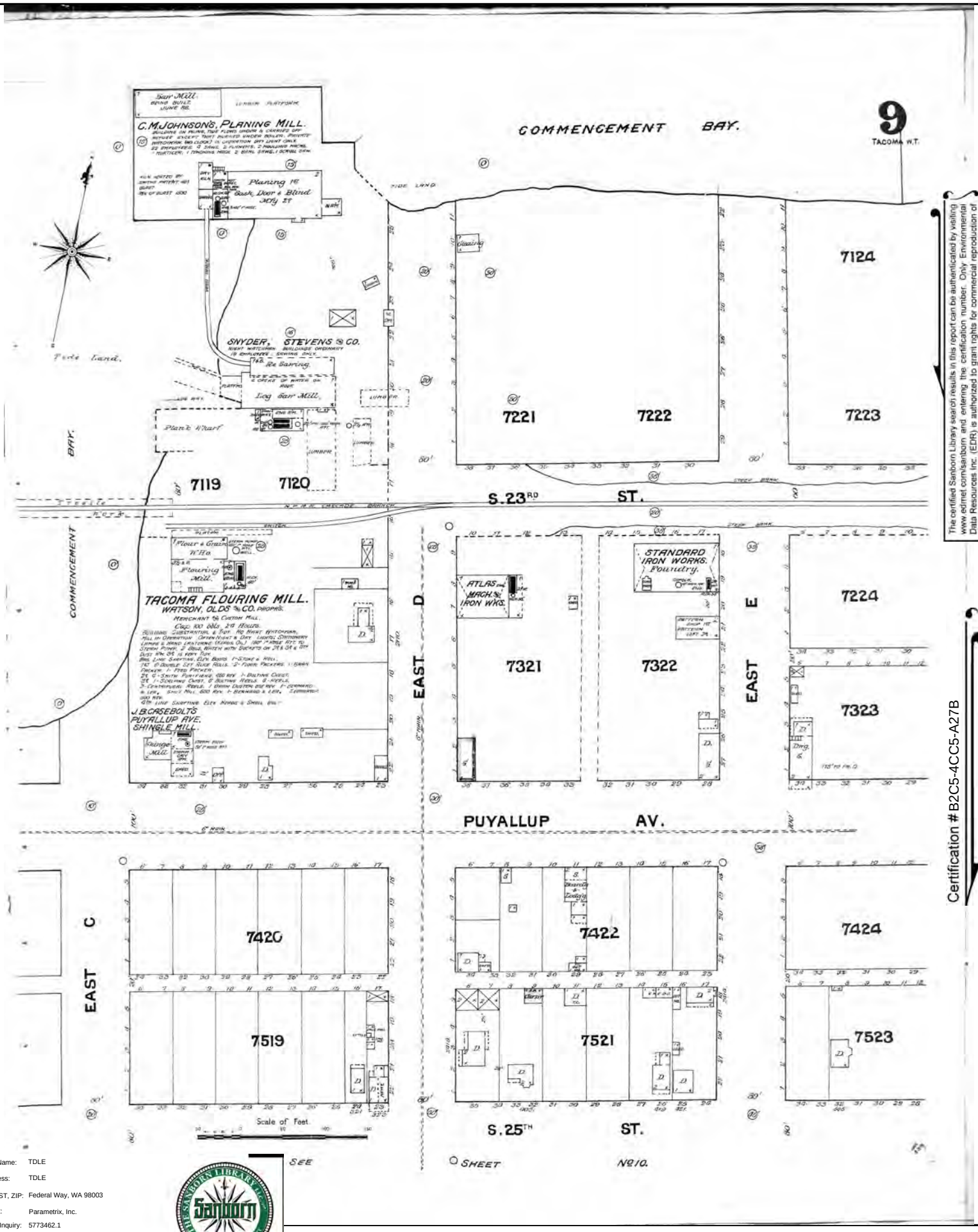

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-1
1941 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-2

1943-1944 Aerial Imagery

U-Haul (North Property)

704 and 716 Puyallup Avenue, Tacoma, WA

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-3
1957 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-4
1968 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-5
1972 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-6
1980 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

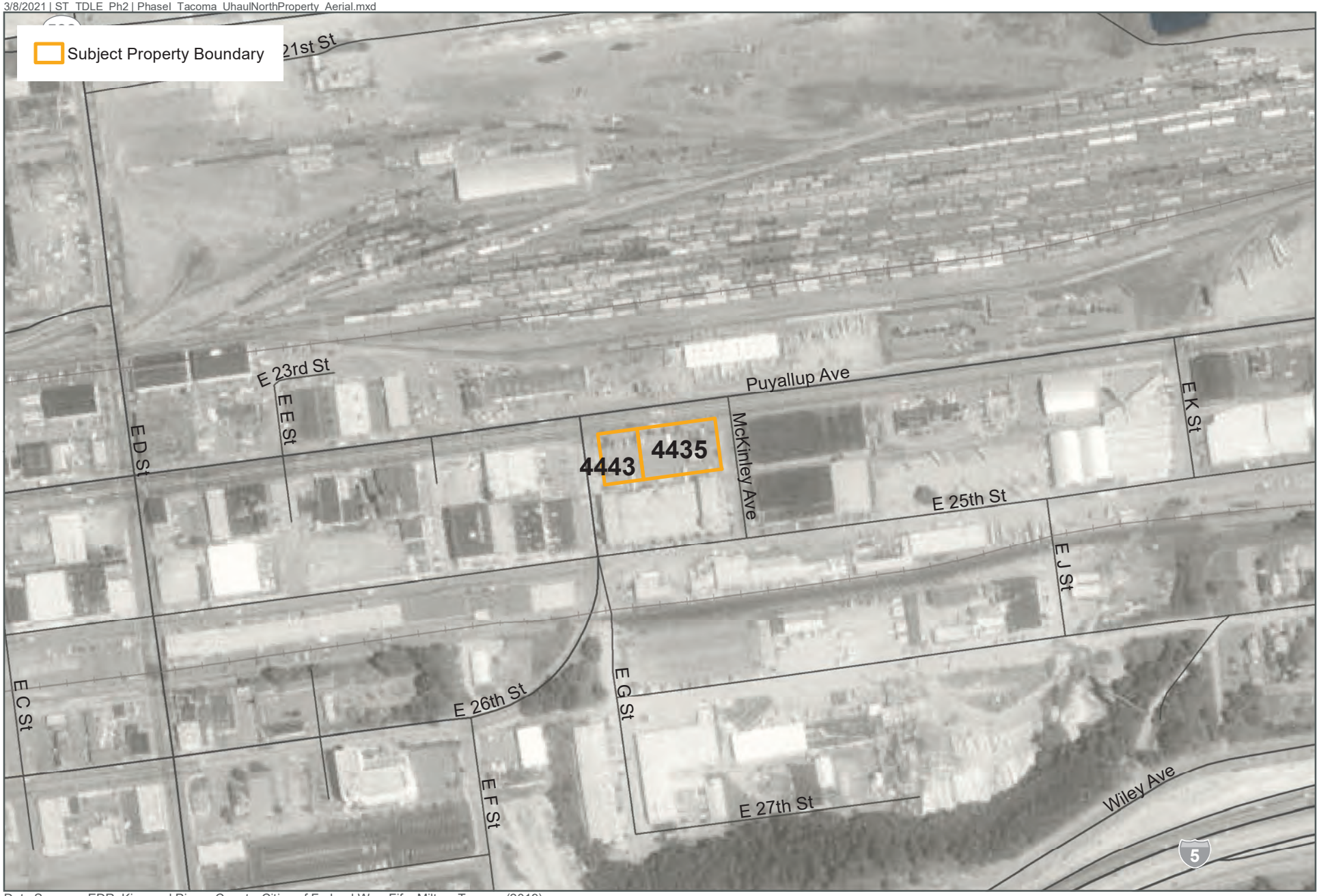

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-7
1990 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-8
2006 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-9
2009 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-10
2013 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulNorthProperty_Aerial.mxd

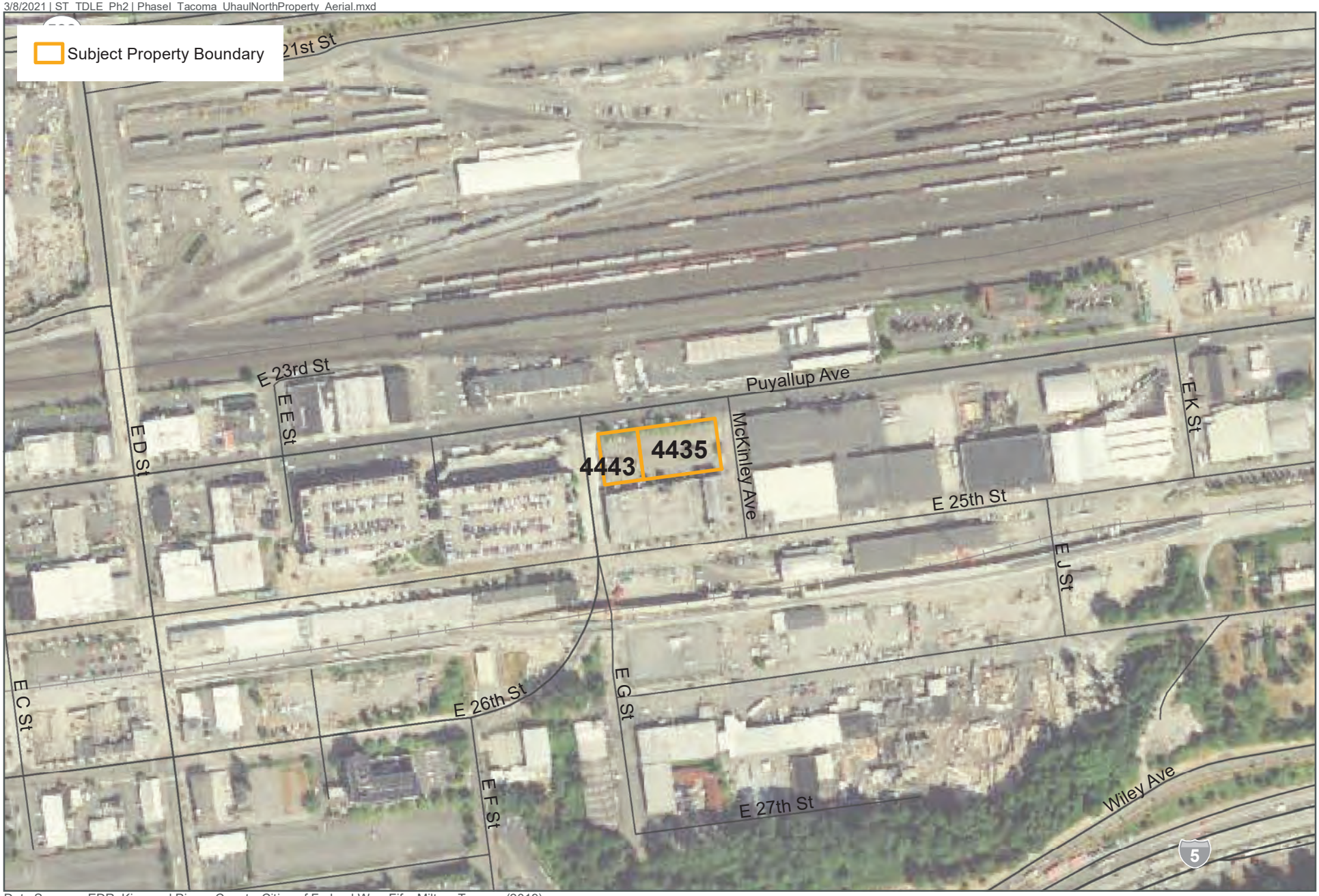

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-11
2017 Aerial Imagery
U-Haul (North Property)
704 and 716 Puyallup Avenue, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Appendix E

Site Photographs

Photo 1. Subject property TD 4435 and TD 4443, looking east. A borehole patch in the foreground.

Photo 2. Subject property, looking south. Non-hazardous waste drums in the background.

Photo 3. Subject Property, looking east. Monitoring well location on the southwest portion of the subject property.

Photo 4. Subject property, looking south. The espresso stand on the subject property.

Photo 5. Adjacent property south, looking northwest towards the subject property. Two monitoring wells on the northeast corner of the building.

Photo 6. Subject property and neighboring property north.

Photo 7. Adjacent property west.

Photo 8. Adjacent property east.

Appendix F

Supporting Documents

Pierce County Assessor-Treasurer
Property Summary

704 PUYALLUP AV

AMERCO REAL ESTATE COMPANY
2074280010

Tax Description

Section 09 Township 20 Range 03 Quarter 11 TACOMA LD COS 1ST L 1 THRU 4 B 7428 TOG/W VAC ALLEY ABUT ORD 19338 DC00579170 6/12/18BB

Property Details

Parcel Number	2074280010
Site Address	704 PUYALLUP AV
Account Type	Real Property
Category	Land and Improvements
Use Code	6380-MINI WAREHOUSING

Taxpayer Details

Taxpayer Name	AMERCO REAL ESTATE COMPANY
Mailing Address	2727 N CENTRAL AVE PHOENIX, AZ 85004

Appraisal Details

Value Area	PI1
Appr Acct Type	Industrial
Business Name	UHAUL
Last Inspection	01/02/2020-Physical Inspection
Appraisal Area	8

Related Parcels

Group Account Number	1615
Located On	n/a
Associated Parcels	n/a

Assessed Value

Value Year	2020	**Assessed Total**	249,100
Tax Year	2021	**Assessed Land**	242,200
Taxable Value	249,100	**Assessed Improvements**	6,900
Tax Code Area	005	**Current Use Land**	0
Tax Code Area Rate	0	**Personal Property**	0
Notice of Value Mailing Date	06/25/2020		

Assessment Details

2020 Values for 2021 Tax

Taxable Value	$249,100
Assessed Value	$249,100

Tax Amounts Due

Tax Year	Minimum Due	Total Due
TOTAL	**0.00**	**0.00**

Property Tax Exemptions

No exemptions

Land Details

Land Economic Area	4081
RTSQQ	03-20-09-11
Value Area	PI1
Square Footage	13,000
Acres	0.298
Front Foot	0
Electric	Power Installed
Sewer	Sewer/Septic Installed
Water	Water Installed

Building 1 Details

General Characteristics

Property Type	Industrial
Condition	Average
Quality	Average
Neighborhood	801
Occupancy	Mini Storage
Square Feet	1
Net Square Feet	0
Attached Garage Square Feet	0
Detached Garage Square Feet	0
Carport Square Feet	0
Finished Attic Square Feet	0
Total Basement Square Feet	0
Finished Basement Square Feet	0
Basement Garage Door	0
Fireplaces	0

Built-As

DESCRIPTION	Addon Only Comm
YEAR BUILT	1965
ADJUSTED YEAR BUILT	1980
SQUARE FEET	1
STORIES	0
BEDROOMS	0
BATHROOMS	0
EXTERIOR	n/a
CLASS	Reinforced Concrete
ROOF	n/a
HVAC	None
UNITS	0

Improvement Details

Type	Description	Units
Add On	Asphalt (AV)	12,000

Sales History

SALE DATE	04/12/2018
ETN	4463908
PARCEL COUNT	3
GRANTOR	LANDMARK TACOMA I/LANDMARK TAC
GRANTEE	AMERCO REAL ESTATE COMPANY
SALE PRICE	3,000,000
DEED TYPE	Special Warranty Deed
SALES NOTES	

SALE DATE	10/04/2006
ETN	4141969
PARCEL COUNT	3
GRANTOR	HAN JOE RO LLC
GRANTEE	LANDMARK TACOMA I/LANDMARK TACOMA II LLC
SALE PRICE	3,040,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	12/01/1998
ETN	0987577
PARCEL COUNT	4
GRANTOR	SPI PROPERTIES LLC
GRANTEE	HAN JOE RO LLC
SALE PRICE	1,235,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	10/01/1998
ETN	0981633
PARCEL COUNT	4
GRANTOR	CARMAN MFG CO
GRANTEE	SPI PROP LLC
SALE PRICE	1,235,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

Map

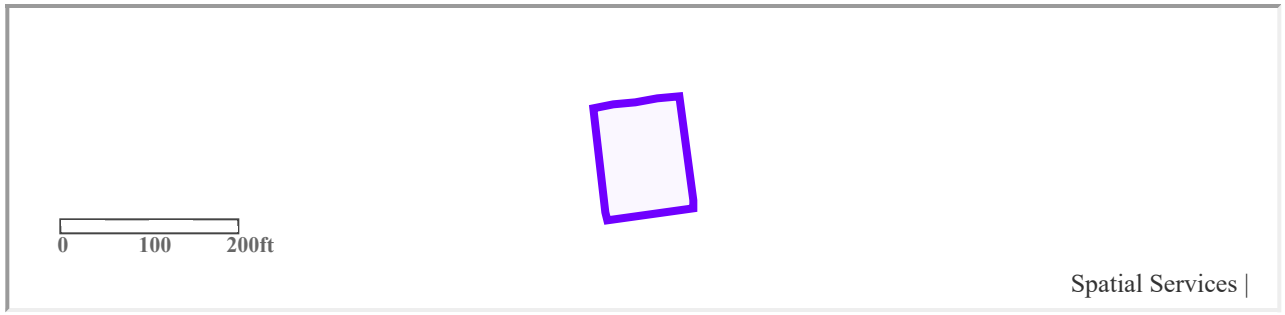

Photos

Sorry, no photo available for display

Sketches

Sorry, no sketches available for display

Pierce County Assessor-Treasurer
Property Summary

716 PUYALLUP AV

AMERCO REAL ESTATE COMPANY
2074280020

Tax Description

Section 09 Township 20 Range 03 Quarter 11 TACOMA LD COS 1ST L 5 THRU 12 B 7428 TOG/W VAC ALLEY ABUT ORD 19338 EASE # 2390441 BURLINGTON NORTHERN DC00579170 6/12/18BB

Property Details

Parcel Number	2074280020
Site Address	716 PUYALLUP AV
Account Type	Real Property
Category	Land and Improvements
Use Code	6380-MINI WAREHOUSING

Taxpayer Details

Taxpayer Name	AMERCO REAL ESTATE COMPANY
Mailing Address	2727 N CENTRAL AVE PHOENIX, AZ 85004

Appraisal Details

Value Area	PI1
Appr Acct Type	Industrial
Business Name	UHAUL
Last Inspection	06/16/2020-New Construction
Appraisal Area	8

Related Parcels

Group Account Number	1615
Located On	n/a
Associated Parcels	n/a

Assessed Value

Value Year	2020	**Assessed Total**	552,000
Tax Year	2021	**Assessed Land**	484,500
Taxable Value	552,000	**Assessed Improvements**	67,500
Tax Code Area	005	**Current Use Land**	0
Tax Code Area Rate	0	**Personal Property**	0
Notice of Value Mailing Date	06/25/2020		

Assessment Details

2020 Values for 2021 Tax

Taxable Value	$552,000
Assessed Value	$552,000

Tax Amounts Due

Tax Year	Minimum Due	Total Due
TOTAL	**0.00**	**0.00**

Property Tax Exemptions

No exemptions

Land Details

Land Economic Area	4081
RTSQQ	03-20-09-11
Value Area	PI1
Square Footage	26,000
Acres	0.597
Front Foot	0
Electric	Power Installed
Sewer	Sewer/Septic Installed
Water	Water Installed

Building 1 Details

General Characteristics

Property Type	Industrial
Condition	Average
Quality	Excellent
Neighborhood	801
Occupancy	Mini Storage
Square Feet	280
Net Square Feet	0
Attached Garage Square Feet	0
Detached Garage Square Feet	0
Carport Square Feet	0
Finished Attic Square Feet	0
Total Basement Square Feet	0
Finished Basement Square Feet	0
Basement Garage Door	0
Fireplaces	0

Built-As

DESCRIPTION	Snack Bar
YEAR BUILT	2003
ADJUSTED YEAR BUILT	2003
SQUARE FEET	280
STORIES	0
BEDROOMS	0
BATHROOMS	0
EXTERIOR	n/a
CLASS	Wood Frame
ROOF	n/a
HVAC	Space Heater
UNITS	0

Improvement Details

Type	Description	Units
Add On	Asphalt (AV)	24,000

Sales History

SALE DATE	04/12/2018
ETN	4463908
PARCEL COUNT	3
GRANTOR	LANDMARK TACOMA I/LANDMARK TAC
GRANTEE	AMERCO REAL ESTATE COMPANY
SALE PRICE	3,000,000
DEED TYPE	Special Warranty Deed
SALES NOTES	

SALE DATE	10/04/2006
ETN	4141969
PARCEL COUNT	3
GRANTOR	HAN JOE RO LLC
GRANTEE	LANDMARK TACOMA I/LANDMARK TACOMA II LLC
SALE PRICE	3,040,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	12/01/1998
ETN	0987577
PARCEL COUNT	4
GRANTOR	SPI PROPERTIES LLC
GRANTEE	HAN JOE RO LLC
SALE PRICE	1,235,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	10/01/1998
ETN	0981633
PARCEL COUNT	4
GRANTOR	CARMAN MFG CO
GRANTEE	SPI PROP LLC
SALE PRICE	1,235,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

Map

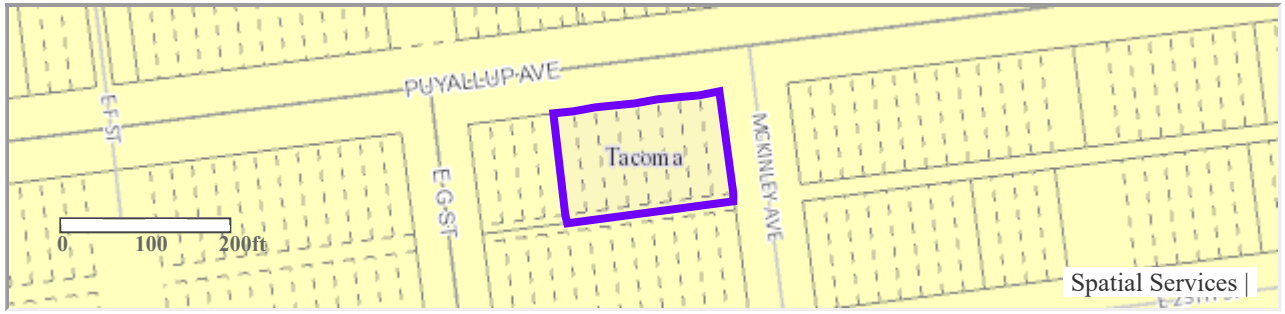

Photos

2020_PRI_1-2-2020_0020001-1fbp20200102.jpg

Sketches

2074280020

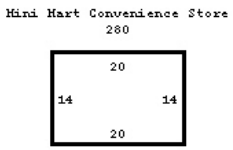

Sketched by Claire XH
03/28/2008
Sketch by Apex IV™

2008_IMP_1_3-28-2008_Page 1 - Apex 2074280020 Imp No - 1.JPG

INSPECTION RECORD

ZONE M 1

ADDRESS 702 Puyallup Avenue PLAN FILE C.O. DATE

PERMIT		NATURE OF PERMIT	INSPECTIONS		
DATE	NO.		ROUGH FORMS	FRAME	FINAL
7-31-39	3780	Bldg. service station $5000.	OK	10-25-39COP	12-8-39 COP
8-5-39	3812	Bldg. demolish frame building $500.			9-8-39 COP
12-27-39	4446	Bldg. neon sign $1000.			
12-27-50	2683	Bldg. neon sign $400.			OK DAK
4-17-52	6264	Bldg. neon sign $900.			OK DAK
4-10-62	E 12638	Bldg. 1 d/f plastic & 2 s/f non-ill signs on roof $150.			4-10-62 L
12-20-62	E 14546	Bldg. Demolish lean-to & dry kiln $2000.	TTT		8-1-63 JF

ADDRESS

PERMIT		NATURE OF PERMIT			INSPECTIONS		
DATE	NO.				ROUGH FORMS	FRAME	FINAL

DEMOLITION

BUILDING INSPECTION RECORD

ADDRESS	OWNER Carman Manufacturing	ZONE
702 Puyallup Avenue	725 East 25th	
BUILDING PERMIT	PLUMBING PERMIT	INSPECTION
DATE 4-21-69 NO. E 31864	DATE / NO.	BUILDING FINAL 9/26/69
NATURE OF WORK $500	WATER-CLOSETS / BATH TUBS / WASH BASINS / SINKS / WASH TRAYS / A.W. MACHINE / WATER-HTR. / FLOOR DRAINS / SUMPS / SHOWER BATHS / URINALS / DISHWASHER / DR. FOUNTAIN	PLUMBING
Demolish comm. bldg. III		ROUGH
X FOUNDATION		FINAL
CHIMNEYS		HEATING
		FINAL
FRAMING		
		SEWER OR SEPTIC TANK
GARAGES		
X 5-6-69 Demo. Art Fry to 4½ out to SF		
owner		
CONTRACTOR	CONTRACTOR	3-10-61

HEATING PERMIT

DATE	NO.
DATE	NO.

WATER - HTR.	RANGE	SPACE - HTR.	BASEMENT FURNACE	COUNTER-FLOW FURNACE	FLOOR - FURNACE	HORIZONTAL FURNACE	WALL - FURNACE	BOILER			

CONTRACTOR

SANITATION PERMIT

DATE | NO.

SEWER OR SEPTIC TANK DIAGRAM

CONTRACTOR

INSPECTION RECORD

ZONE

ADDRESS 720 Puyallup Avenue PLAN FILE C.O. DATE

PERMIT		NATURE OF PERMIT	INSPECTIONS		
DATE	NO.		ROUGH FORMS	FRAME	FINAL
1-10-52	5611	Bldg. billboard 25' $100.			OK DAK

ADDRESS

PERMIT		NATURE OF PERMIT	INSPECTIONS		
DATE	NO.		ROUGH FORMS	FRAME	FINAL

DEMOLITION

BUILDING INSPECTION RECORD

ADDRESS	OWNER Carman Manufacturing	ZONE M 1
722 Puyallup Ave.		
BUILDING PERMIT	PLUMBING PERMIT	INSPECTION
DATE 11-10-65 NO. 22327	DATE / NO.	BUILDING FINAL
		7/22/66 J.F.
NATURE OF WORK $2150		PLUMBING
Demolish warehouse V		ROUGH
FOUNDATION		FINAL
CHIMNEYS		HEATING
		FINAL
FRAMING		
		SEWER OR SEPTIC TANK
GARAGES		
Tom Tonnesen Constr. 9021 Waller Rd.		
CONTRACTOR	CONTRACTOR	

WATER-CLOSETS	BATH TUBS	WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HTR.	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN		

3-10-61

HEATING PERMIT

DATE | No.

DATE | No.

WATER-HTR.	RANGE	SPACE-HTR.	BASEMENT FURNACE	COUNTER-FLOW FURNACE	FLOOR-FURNACE	HORIZONTAL FURNACE	WALL-FURNACE	BOILER			

CONTRACTOR

SANITATION PERMIT

DATE | No.

SEWER OR SEPTIC TANK DIAGRAM

CONTRACTOR

BUILDING INSPECTION RECORD

Bldg. Address 716 E PUYALLUP AV	Owner: HAN JOE RO LLC	Perm. C.O.
ZONE:	Address: 725 E 25TH ST	Date Issued
ENERGY: TEC _____ WSEC _____	Phone: TACOMA 98421	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date:	Permit No./Date:	Permit No./Date:
Val/Descr. of Work:	WC ____ TUB ____ BASIN ____ SINK ____	For:
	AWM ____ WH ____ FLR DR ____ SHWR ____	
	URIN ____ ADW ____ BWV ____ PRV ____	Ht Pump ____ A/A Ht Exch ____ Ht Type ____
	OTHER	Contractor:
Contractor:	Contractor:	Phone:
Address:	Phone:	**INSPECTIONS**
Phone:	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation:	Rough:	
Framing:		
ENERGY:		
FINAL:	FINAL:	FINAL:

PWK 4130 0005 (06/92) M1 a

S/W Permit/Date Issued _____

Bldg. Address 716 E PUYALLUP AV

SANITATION PERMIT

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

SEWER OR SEPTIC TANK DIAGRAM

Date 8/15/03 Permit No. SWR2003-00639

Connect new drive-thru espresso stand to sanitary sewer - BLD2003-00141. ***INSPECTOR: DAVE @ 606-5466***

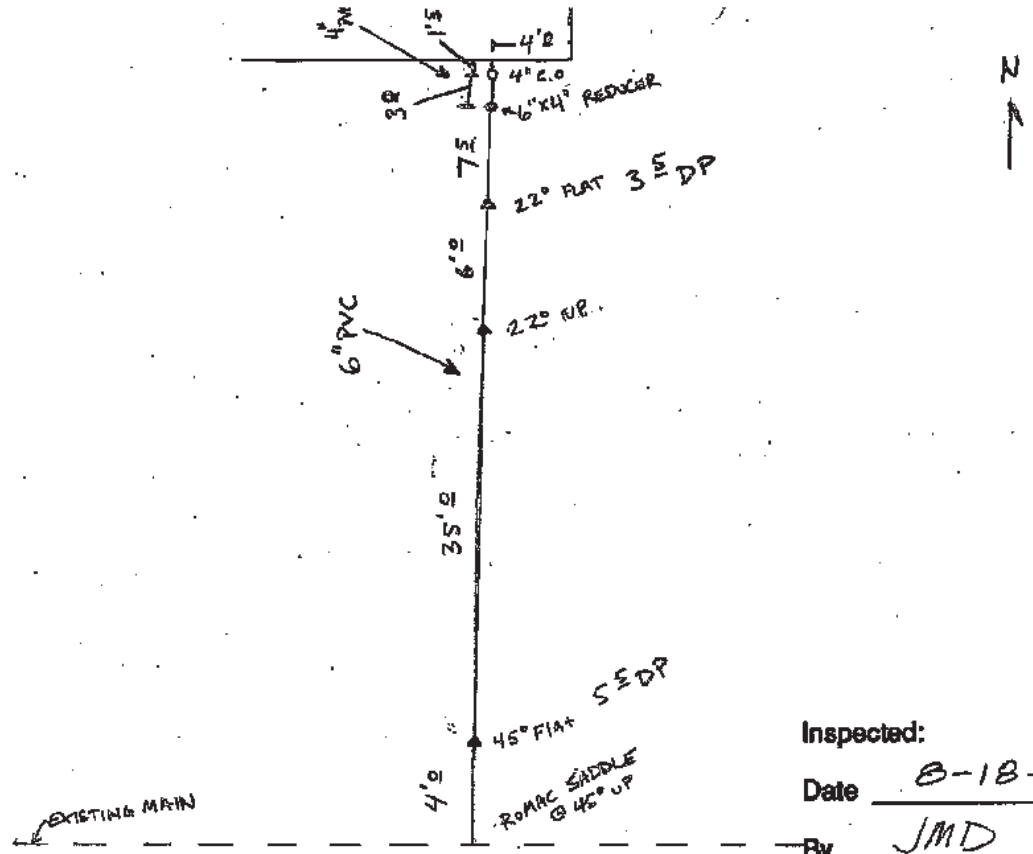

Inspected:

Date 8-18-03

By JMD

Contractor NORTHWEST CASCADE INC 848-2371

City of Tacoma
Certificate of Occupancy

This is to certify that the CONSTRUCTION OF DRIVE-THRU ESPRESSO STAND

located at 716 PUYALLUP AVENUE - TACOMA, WASHINGTON

has been inspected for compliance with the requirements of the building code for the group and division of occupancy and the use for which the proposed occupancy is classified, the zoning code, and all other applicable regulations enforced by the City of Tacoma. Therefore, occupancy is hereby authorized.

This Certificate is to be posted on the premises.

Permit No. BLD2003-00141

Date AUGUST 26, 2003

By Paula Andrews
for Building Official

Certificate of Occupancy Sign Off Sheet

City of Tacoma ■ Department of Public Works ■ Building and Land Use Services Division

☒ **Certificate of Occupancy** — **Address** 716 PLEASANT AVE

☐ **Temp. C.O. –time limit** _____ — **Space Number or Tenant** —

☐ **Certificate of Completion** — **Building Permit Number** BLD2003-0044

Description of Work _____

All categories that are marked under "Inspections Required" must be approved before calling for the "Final Building Inspection."

Inspections Required		Date	Approved By	Phone No.
X	Fire/Sprinkler/Alarm	8-25-03	[illegible]	591-5503
	Land Use/Landscaping			591-5001
X	Plumbing	8-25-03	[illegible]	573-2587
X	Mechanical/HVAC	8-25-03	[illegible]	573-2587
X	Electrical	8-25-03	[illegible]	502-8277
X	Construction Div.	8-25-03	TAD	591-5760
X	Water Quality	8-21-03	DG	502-8215
	Boiler			596-3902
	Sign (if lighted, electrical approval also required)			591-5482
	Energy Conservation/Lighting			502-8655
	Solid Waste Utility			591-5543
	Rental Registration			591-5005
	Wastewater Mgmt/ Source Control			502-2162

_____ "Letter of Completion" from the Special Inspection Agency

_____ "Letter of Completion" from the Engineer ☐ Architect ☐

_____ Receipt for Temporary Certificate of Occupancy (non refundable fee)

_____ Bonding required for unfinished work. _____

_____ Other _____

CO Pull 8-26-03

When the inspections required above are approved, call for the final building inspection at 573-2587.

Final Building Inspection Peter E Rambow **Date** 8-26-03

Corrections or Conditions of Occupancy _____

Richards Studio 695-2

...

Item Description

Title
Richards Studio 695-2

Description
ca. 1933. Uniformed service station attendants, in spotless white, standing outside of the Standard Station at 624 Puyallup Avenue. One of the men shakes hands with a man in a suit, center. Standard Grocery Co. at 614 Puyallup Ave. in the background. For Standard Stations Inc. (filed with Argentum)

Subjects
Automobile service stations--Tacoma--1930-1940; Standard Grocery Co. (Tacoma); Gasoline pumps--Tacoma;

Image Date
1933

Decade
1930s (/digital/collection/p17061coll21/search/searchterm/1930s/field/decade/mode/exact/conn/and)

Can you help?
If you have information about this image, contact the Northwest Room staff at nwr@tacomalibrary.org. Please remember to reference the image number. Thank you!

Image type
Jpeg Image (/digital/collection/p17061coll21/search/searchterm/Jpeg%20Image/field/image/mode/exact/conn/and)

Negative Type
Nitrate film (/digital/collection/p17061coll21/search/searchterm/Nitrate%20film/field/negati/mode/exact/conn/and)

Negative format
8x10"

Local identifer
16\1105.jpg

Collection
Richards Studio (/digital/collection/p17061coll21/search/searchterm/Richards%20Studio/field/source/mode/exact/conn/and)

Series
Richards Studio 695
(/digital/collection/p17061coll21/search/searchterm/Richards%20Studio%20695/field/series/mode/exact/conn/and)

Address
624 PUYALLUP AVE, TACOMA
(/digital/collection/p17061coll21/search/searchterm/624%20PUYALLUP%20AVE%2C%20TACOMA/field/places/mode/exact/conn/and)

More Information
About the Image Archive

Image Filename
1105.jpg

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Cleanup Site Details

Cleanup Site ID: 14432

Cleanup Site ID: 14432 **Facility/Site ID:** 78349 **UST ID:** N/A Site Page Site Documents View Map

Cleanup Site Name: Former Texaco Service Station Glossary

Alternate Names: Former Texaco Service Station

LOCATION

Address: 704 PUYALLUP AVE **City:** TACOMA **Zip Code:** 98421 **County:** Pierce

Latitude: 47.24085 **Longitude:** -122.42452 **WRIA:** 10 **Legislative District:** 27 **Congressional District:** 9 **TRS:** 20N 3E 37

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** Yes

Statute: MTCA **NFA Date:** N/A **Current VCP?** Yes **Past VCP?** Yes

Site Rank: N/A **NFA Reason:** N/A **Brownfield?** No

Site Manager: Cook, Jason **Responsible Unit:** Headquarters **Active Institutional Control?** No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
Former Texaco Service Station	Upland	Cleanup Started	HQ	Cook, Jason	Standard Voluntary Cleanup

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
There are no current Institutional Controls in effect for this site.						

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Arsenic	B					
Lead	B	C				
Metals - Other	B	C				
Petroleum-Gasoline	C	C				

Key:
B - Below Cleanup Level
S - Suspected
C - Confirmed Above Cleanup Level
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Site Discovery/Release Report Received	Completed		1/10/2018
VCP Receipt of Plan or Report	Completed		1/10/2018
VCP Opinion on Remedial Investigation	Completed	1/10/2018	2/23/2018

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

February 23, 2018

Joe Carmen
c/o Spencer & Associates
1326 Tacoma Avenue South
Tacoma, WA 98402

Re: Further Action at the following Site:

- **Site Name:** Former Texaco Service Station
- **Site Address:** 704 Puyallup Avenue, Tacoma, WA
- **Facility/Site No.:** 78349
- **Cleanup Site ID No.:** 14432
- **VCP Project No.:** SW1633

Dear Mr. Carmen:

The Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of the Former Texaco Service Station facility (Site).

This letter provides our opinion. We are providing this opinion under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

Issue Presented and Opinion

Ecology has determined that further remedial action is necessary to clean up contamination at the Site.

This opinion is based on an analysis of whether the remedial action meets the substantive requirements of MTCA, Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC (collectively "substantive requirements of MTCA"). The analysis is provided below.

Description of the Site

This opinion applies only to the Site described below. The Site is defined by the nature and extent of contamination associated with the following release(s):

- Total Petroleum Hydrocarbons-Diesel Range (TPH-Dx), Total Petroleum Hydrocarbons Heavy Oil-Range (TPH-HO), Total Petroleum Hydrocarbons-Gasoline Range (TPH-Gx), Total Arsenic, Chromium, & Lead into Groundwater.
- TPH-Gx, Total Chromium, Ethylbenzene, & Xylenes into Soil.

Enclosure A includes a detailed description and diagram of the Site, as currently known to Ecology.

Please note a parcel of real property can be affected by multiple sites. At this time, we have no information that the parcel(s) associated with this Site are affected by other sites.

Basis for the Opinion

This opinion is based on the information contained in the following documents:

Creative Environmental Technologies, Inc. (CETI), *Underground Storage Tanks Site Assessment/Site Characterization Spring Air Northwest*, August 24, 1998.

Sound Earth Strategies (SES), *Spring Air Investigation and Cleanup Report Summary*, April 19, 2001.

Environmental Management Services, LLC (EMS), *Subsurface Investigation 725 E. 25th Street, Tacoma, Washington*. October 8, 2006.

ECI Environmental Consulting (ECI), *Remedial Investigation Report – Former Texaco Service Station – 704 Puyallup Avenue, Tacoma Washington*. December 28, 2017.

Those documents are kept in the Central Files of the Southwest Regional Office of Ecology (SWRO) for review by appointment only. You can make an appointment by calling the SWRO resource contact at (360) 407-6365.

This opinion is void if any of the information contained in those documents is materially false or misleading.

Analysis of the Cleanup

Ecology has concluded that **further remedial action** is necessary to clean up contamination at the Site. That conclusion is based on the following analysis:

1. Characterization of the Site.

Ecology has determined your characterization of the Site is not sufficient to establish cleanup standards and select a cleanup action. The Site is described above and in detail in Enclosure A.

In 1998, Creative Environmental Technologies, Inc. (CETI) conducted a Phase One Environmental Site Assessment (PHI), identifying several recognized environmental conditions (RECs) per ASTM 1527E in connection with the former use of the Site as a gasoline & service station (EMS, October 2006). The RECs identified warranted further subsurface investigation.

The following characterization activities have commenced on the Site to date. A detailed description of the below-listed characterization activities is included in Enclosure A.

Characterization Activities:

In summary, EMS/ECI have determined soils in the western portion of the Site are impacted with TPH-Gx above the respective MTCA Cleanup Levels (CULs).

Figure 2 illustrates the estimated extent of petroleum-contaminated soil (PCS) in the west-central portion of the property parcel. A detailed rendition of the following characterization activities is presented in Enclosure A.

The following characterization activities have commenced on Site to date:

- In July 1998, Apollo Geophysics conducted a geophysical survey of the Site parcel, which identified three underground storage tanks (USTs) associated with the former gasoline & service station.
- In 1998, Environmental Tank Services (ETS) removed the three above-referenced USTs.
- In 2006 EMS advanced four soil borings, and sampled soil & groundwater.
- In 2017, ECI completed an additional eight soil borings, four of which were developed as monitoring wells (MWs).

Exposure Pathways:

Soil-Direct Contact:
This pathway is *complete*. EMS/ECI have identified residual petroleum-contaminated soil PCS (containing ethylbenzene & total-xylenes) and potentially chromium (*see comment no. 4 below*) above 15-feet below ground surface (bgs). As such, this pathway remains complete.

Soil-Leaching:
This pathway remains *complete*. Arsenic & chromium, and potentially lead are likely leaching out of the soil due to the on-Site reducing conditions, enhanced naturally and by the degradation of TPH in the subsurface. TPH degradation depletes oxygen, reduces the oxidation-reduction potential (ORP), increases the pH, thereby promoting reducing conditions, inclusive of arsenic and metals mobilization (Enclosure A).

Soil-Vapor:
This pathway is *incomplete*. No volatile constituents were detected in soil or groundwater at the Site, likely due to the age of the release (1930s to 1950s). In addition, the Site is capped with asphalt and is unimproved.

Groundwater:
This pathway is currently *complete*. As indicated above and in detail in Enclosure A, TPH-Gx, -Dx, -HO, total arsenic, chromium, & lead are present in groundwater at concentrations above their respective MTCA CULs.

Surface Water:
This pathway is *incomplete*. No surface water features are located within the immediate vicinity of the Site.

Ecological:
This pathway is *incomplete*. ECI completed a terrestrial ecological evaluation. The Site qualifies for an exclusion (ECI, Nov. 2017).

Based on a review of the above-listed reports and investigations, Ecology has the following comments:

1. Ecology concurs with the data gaps and further recommendations outlined in Section 5.0 of the November 15, 2017 ECI *Remedial Investigation Report*, which includes the following:
    - Further characterization of impacted soil and groundwater to the west of the property into the G Street ROW into the sidewalk.
    - Further definition of impacted soil and groundwater between B-4 and GSMW-1 (Figure 2).

- Sampling groundwater quarterly to determine contamination concentration trends seasonally over time.

Ecology has the following additional recommendations to further achieve cleanup standards in accordance with MTCA, which are outlined below.

2. Additional soil and groundwater sampling to the east between the presumed eastern extent of PCS depicted in Figure 2, and MW-3, B-3, B-6, & B-8.

3. To further define the extent of contamination, it may be necessary to extend further westward onto the G Street, beyond the sidewalk. Depending on the analytical results from soil and groundwater samples collected west of the depicted extent of contamination (Figure 2), it would be prudent for ECI to alert the City of Tacoma in the event contamination is found in the right-of-way (ROW) to protect future and potential utility or excavation workers.

4. When sampling soil and groundwater, please speciate chromium samples to determine the precise concentrations of trivalent and hexavalent chromium. Total chromium exhibited the highest detection at B-3 (Figure 3), as such chromium should be sampled and speciated in both soil & groundwater from this location.

5. Once ECI has completed complete characterization activities, please depict the extent of soil and groundwater concentrations for each contaminants of concern (CoC) in an aerial diagram. Also, provide a cross-section through the delineated plume to demonstrate the vertical extent of impacts. In addition, place the approximate location of all sampling locations, the former Site improvements, including USTs, service station footprint, pump-islands, etc.

6. Measure standard groundwater parameters (dissolved oxygen, ORP, pH, etc.), to determine the geochemical subsurface conditions on-Site, as some metals are mobilized under certain potentially-reducing conditions. Once a discernable trend in groundwater parameters is tabulated, please provide Ecology with data-based assessment of subsurface conditions and how it may affect metals mobilization.

7. The Site is within the Tacoma Smelter Plume. According to the Everett and Tacoma Smelter Plume Interactive Map[1], the Site is located in an area where soil arsenic concentrations are below 20 mg/Kg, which is in compliance with the respective MTCA Method A CUL.

[1] https://fortress.wa.gov/ecy/smeltersearch/

8. Prior to issuance of a No Further Action (NFA) determination, please be aware that all on-Site MWs must be properly decommissioned[2], as MWs serve a potential conduit to the subsurface, posing a potential risk to human health and the environment.

9. In accordance with WAC 173-340-840(5) and Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data generated for Independent Remedial Actions shall be submitted **simultaneously** in both a written and electronic format. For additional information regarding electronic format requirements, see the website http://www.ecy.wa.gov/eim. Be advised that according to the policy, any reports containing sampling data that are submitted for Ecology review are considered incomplete until the electronic data has been entered. Please ensure that data generated during on-site activities is submitted pursuant to this policy. **Data must be submitted to Ecology in this format for Ecology to issue a No Further Action determination.**

   Please be sure to submit all soil and groundwater data collected to date, as well as any future data, in this format. Data collected prior to August 2005 (effective date of this policy) is not required to be submitted; however, you are encouraged to do so if it is available. Be advised that Ecology requires up to two weeks to process the data once it is received.

2. Establishment of cleanup standards.

Ecology has determined the cleanup levels and standard points of compliance (POCs) you established for the Site meet the substantive requirements of MTCA, once the Site is fully characterized.

In 1998, the source of contamination (three USTs associated with a former gasoline & service station) were removed (Enclosure A).

The Groundwater MTCA Method A CULs are:

TPH-Dx	500 µg/L
TPH-HO	500 µg/L
TPH-Gx	100 µg/L
Arsenic	5 µg/L
Chromium (Total)	50 µg/L
Lead	15 µg/L

[2] http://apps.leg.wa.gov/WAC/default.aspx?cite=173-160-381

The Soil MTCA Method A CULs are:

TPH-Gx	100 mg/Kg
Chromium III	2,000 mg/Kg
Chromium VI	19 mg/Kg
Ethylbenzene	6.0 mg/Kg
Total-Xylenes	9.0 mg/Kg

Ecology determined the following standard POCs apply to the Site:

- Soil-Direct Contact: Based on human exposure via direct contact, the point of compliance is: "*...throughout the Site from ground surface to 15 feet below the ground surface.*"
- Soil - Leaching: For sites where soil cleanup levels are based on the protection of groundwater: "*...the point of compliance is throughout the Site.*"
- Groundwater: For groundwater, the standard point of compliance as established under WAC 173-340-720(8) is: "*...throughout the site from the uppermost level of the saturated zone extending vertically to the lowest most depth which could potentially be affected by the Site.*"

3. Selection of cleanup action.

Ecology has determined the cleanup action you selected for the Site does not meet the substantive requirements of MTCA because the Site requires additional cleanup action(s) to meet the requirements in WAC 173-340-360(2).

As referenced above, Ecology is in concurrence with the additional cleanup actions identified in Section 5.0 of the ECI November 2017 *Remedial Investigation Report*. Additional recommendations and requirements to meet MTCA standards are referenced in Section 2 of this letter.

4. Cleanup.

Ecology has determined the cleanup actions do not meet cleanup standards at this time, as the Site requires additional soil and groundwater characterization.

EMS/ECI determined the source of soil and groundwater contamination was leakage from the USTs associated with the former gasoline & service station.

To date, on-Site cleanup actions have included the following:

- Geophysical survey of the property in 1998 by Apollo Geophysics.
- Removal of three USTs and associated ancillary equipment in July 1998 by Environmental Tank Services.
- Excavation and disposal of approximately 43-tons of impacted soil in the former UST vicinity in 1998.
- Installation of four permanent groundwater MWs.
- Collection and laboratory analysis of both soil and groundwater samples by EMS in 2006 and ECI in 2017.

Limitations of the Opinion

1. Opinion does not settle liability with the state.

Liable persons are strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release or releases of hazardous substances at the Site. This opinion **does not**:

- Resolve or alter a person's liability to the state.
- Protect liable persons from contribution claims by third parties.

To settle liability with the state and obtain protection from contribution claims, a person must enter into a consent decree with Ecology under RCW 70.105D.040(4).

2. Opinion does not constitute a determination of substantial equivalence.

To recover remedial action costs from other liable persons under MTCA, one must demonstrate that the action is the substantial equivalent of an Ecology-conducted or Ecology-supervised action.

This opinion does not determine whether the action you performed is substantially equivalent. Courts make that determination. *See* RCW 70.105D.080 and WAC 173-340-545.

3. State is immune from liability.

The state, Ecology, and its officers and employees are immune from all liability, and no cause of action of any nature may arise from any act or omission in providing this opinion. *See* RCW 70.105D.030(1)(i).

Contact Information

Thank you for choosing to clean up the Site under the Voluntary Cleanup Program (VCP). After you have addressed our concerns, you may request another review of your cleanup. Please do not hesitate to request additional services as your cleanup progresses. We look forward to working with you.

For more information about the VCP and the cleanup process, please visit our web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm. If you have any questions about this opinion, please contact me by phone at (360) 407-6834 or e-mail at jason.cook@ecy.wa.gov.

Sincerely,

J.G. Cook, LG
Headquarters - Toxics Cleanup Program

JGC: AF

Enclosures (2): A – Description and Diagrams of the Site

cc: David Polivka, Lhg, ECI Environmental Consulting
Landmark Tacoma I/ Landmark Tacoma Ii, Llc
Matthew Alexander, Ecology
Sandra Caldwell, Ecology
Sonia Fernandez, Ecology

Enclosure A

Description and Diagrams of the Site

Site Description

Site:
The Site currently consists of a single Pierce County parcel no. 2074280010, totaling 0.28-acre acres. The Site is located at 704 Puyallup Avenue, Tacoma, and is currently unimproved. To date, the Site has yet to be fully defined. Soil and groundwater impacts likely extend onto the City of Tacoma ROW along East G Street and potentially Puyallup Avenue.

The Site, identified as the *Former Texaco Service Station*, is located at the southeast corner of the intersection of East G Street & Puyallup Avenue.

Property Historical and Current Use:
The Site is currently utilized as a commercial parking lot, operated by Diamond Parking. The Site is paved with asphalt.

The Site was initially improved in the mid-1890s and was used for lumber storage and staging. A gasoline and service station occupied the Site from the late-1930s to the mid-1950s (Texaco). A restaurant occupied the Site from the mid-1950s to the late-1970s, when the former service station and restaurant building was demolished (SES, April 2001).

Surface/Storm Water System:
No surface water features are located on or within the vicinity of the Site. The Thea Foss Waterway is located approximately 0.50-miles to the northwest of the Site.

It is assumed stormwater is conveyed to the municipal separate storm sewer system operated and maintained under the NPDES Phase One Municipal Stormwater Permit.

Soils and Geology:
The Site and much of the Puget Sound Region is underlain by alluvial Quaternary sediments deposited during multiple glacial episodes. The sediments consist of interlayered alluvial clays, silts, sands, & gravels as well as intermittent peat layers. These alluvial sediments are typically situated over glacial till, primarily comprised of consolidated silts, sands & gravels.

Soils encountered at the Site generally consist of sandy-silts with trace gravel to cobble-sized material, to the maximum depth explored of 16-feet bgs.

Groundwater:
Groundwater at the Site is encountered between approximately 6- to 10-feet bgs. The groundwater gradient from the most recent sampling event (ECI, October 2017) show a gradient to the northwest at 0.035 ft/Ft (ECI, November 2017).

Source of Contamination & Contamination Extent:
The source of contamination reportedly originates from a former gasoline and service station which occupied the Site from the late-1930s to the mid-1950s (SES, April 2001).

In early-1998, Creative Environmental Technologies, Inc. (CETI) conducted a Phase One Environmental Site Assessment (PHI) to identify any recognized environmental conditions (RECs) associated with the current or past use of the Site. RECs identified included the past usage of the Site as a gasoline / service station and the presence of the three below-referenced USTs.

In July 1998, Apollo Gephysics (Apollo) conducted a geophysical survey of the Site parcel to identify any former residual features associated with the former gasoline station. The geophysical survey identified three USTs associated with the former gasoline/service station. The USTs were 550-, 1,000-, & 2,000-gallons in-size, two of which contained gasoline and once of which contained diesel fuel (EMS< October 2006).

Subsequently in 1998, Environmental Tank Services (ETS) removed the three USTs, and approximately 43-tons of PCS in the UST vicinity. Information pertaining to potential conformational sampling, including location, depth, analysis, result, etc.), was unavailable in the reports provided by the VCP applicant pertaining to SW1633. A Figure illustrating the location of the excavation in the immediate vicinity of B-1, as well as the former building footprint (EMS, October 2006). No figures depicting the former UST locations, pump-islands or hydraulic hoists was provided by EMS or ECI for review. As such, it is unknown where these pertinent former Site features were formally located.

In 2006, Environmental Management Services (EMS) advanced four soil borings to approximately 12-feet bgs. EMS sampled for benzene, toluene, ethyl-benzene, total-xylenes (BTEX), chlorinated volatile organic compounds (CVOCs), including tetrachloroethylene (PCE) & trichloroethylene (TCE), carcinogenic polycyclic aromatic hydrocarbons (cPAHs), priority pollutant metals (Ar, Cd, Cr[3], Pb, & Hg), & polychlorinated biphenyls (PCBs), all of which did not exhibit detections above the respective CULs or laboratory method detection limits (MDLs).

In October 2017, ECI Environmental Services (ECI) performed an additional subsurface investigation, including the advancement of eight soil borings (GSMW-1 to -4 & B-5 to -6), four of which were developed as MWs. ECI advanced each boring to approximately 12-feet bgs. ECI collected a total of 16 soil samples. ECI reportedly encountered groundwater at approximately 6- to 9-feet bgs (ECI, November 2017). ECI determined concentrations of TPH-Gx, ethyl-benzene, & total-xylenes were above their respective MTCA Method A CULs at sample location B-5-5. Groundwater concentrations of TPH-Gx exceeded the respective MTCA Method A CUL of 100 µg/L at GSMW-3 & -4, at concentrations of 230 & 130 µg/L, respectively. Total arsenic and total chromium exceeded their respective groundwater CULs at both GSMW-1 & -2. ECI & EMS did not speciate any of the soil & groundwater total chromium samples, as such quantities of hexavalent and trivalent chromium are unknown and concentrations of this constituent are considered out of compliance with MTCA at this time.

---

[3] Chromium was not differentiated / speciated during analysis, as such the specific concentrations of trivalent and hexavalent Chromium are unknown at this time.

In summary, additional soil and groundwater characterization is necessary to the west of the property onto the right-of-way along G Street and potentially Puyallup Avenue, as indicated in Section 5.0 in the ECI *Remedial Investigation Report* (November 15, 2017). Sampling shall include TPH-Gx, -Dx, -HO, BTEX, total lead, arsenic and chromium (III & VI). EMS sampled for chlorinated solvents, PCBs, & PAHs in 2006, exhibiting detections below the respective laboratory method detection limits (MRLs), and are not considered CoCs at this time (EMS, October 2006).

Site Diagrams

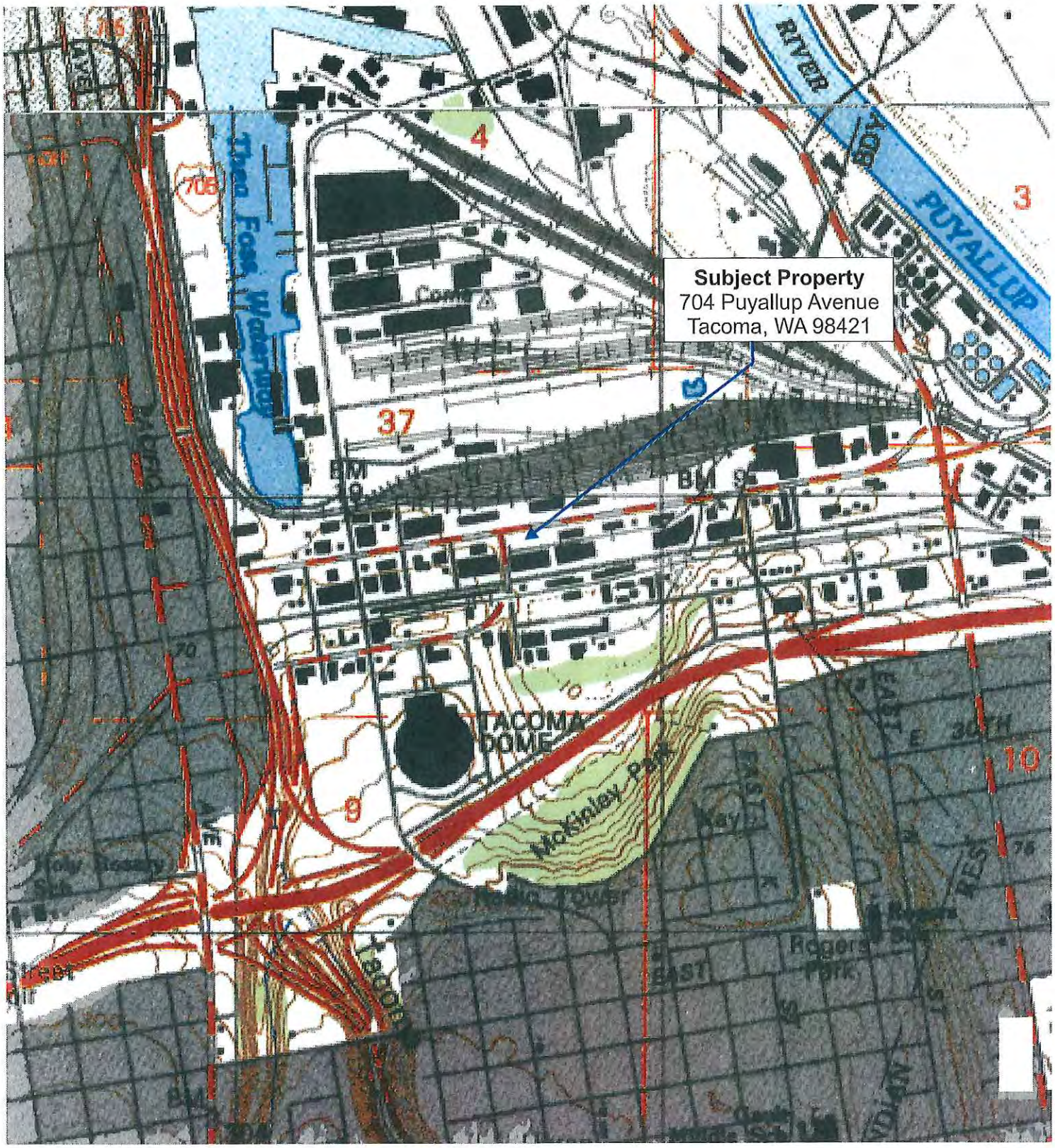

N
Not To Scale

Topographic Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By.:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 01

Sheet 02 of 07

eci Environmental Services
Providing Practical Environmental Compliance Solutions

GSMW2-5' Soil (mg/kg)		GSMW2-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.15	As	2.49
Cr	23.7	Cr	24.5
Pb	7.59	Pb	3.36
Hg	<1	Hg	<1

GSMW3-5' Soil (mg/kg)		GSMW3-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	1.59	As	1.69
Cr	22.1	Cr	25.3
Pb	3.12	Pb	3.72
Hg	<1	Hg	<1

B2-4' Soil (mg/kg)		B2-8' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<1.0	GRO	<1.0
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

GSMW4-5' Soil (mg/kg)		GSMW4-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	1100
GRO	<5	GRO	6.1
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.10	As	2.68
Cr	26.8	Cr	28.2
Pb	4.01	Pb	9.81
Hg	<1	Hg	<1

B1-8' Soil (mg/kg)		B1-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<2.0	GRO	<2.0
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

B6-5' Soil (mg/kg)		B6-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	2.86	As	1.94
Cr	23.2	Cr	24.2
Pb	3.13	Pb	5.17
Hg	<1	Hg	<1

B5-5' Soil (mg/kg)		B5-10' Soil (mg/kg)	
DRO	240x	DRO	<50
ORO	460	ORO	<250
GRO	1500	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	11	Eb	<0.02
X	14	X	<0.06
As	2.97	As	2.79
Cr	20.2	Cr	29.7
Pb	6.53	Pb	3.39
Hg	<1	Hg	<1

B7-5' Soil (mg/kg)		B7-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	4.03	As	4.12
Cr	18	Cr	24.5
Pb	3.84	Pb	4.93
Hg	<1	Hg	<1

B1-8' Soil (mg/kg)		B1-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	200	GRO	200
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	0.95	Eb	1.9
X	1.6	X	2.4

GSMW1-5' Soil (mg/kg)		GSMW1-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.36	As	3.40
Cr	21.3	Cr	21.1
Pb	3.19	Pb	2.97
Hg	<1	Hg	<1

B8-5' Soil (mg/kg)		B8-10' Soil (mg/kg)	
DRO	240x	DRO	<50
ORO	460	ORO	<250
GRO	<5	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	13.8	As	2.87
Cr	17.5	Cr	19.2
Pb	13.2	Pb	2.54
Hg	<1	Hg	<1

B3-8' Soil (mg/kg)		B3-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	4.0	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

N

Approximate Scale

0' 5' 10' 15' 30' 60'

MW2 Legend
Monitoring Well Location.

DRO Diesel Range Organic
ORO Oil Range Organic
GRO Gasoline Range Organic
B Benzene
T Toluene
Eb Ethylbenzene
X Total Xylenes
As Arsenic
Cr Chromium
Pb Lead
Hg Mercury
dPb Dissolved Lead

Soil Analytical Results and Contamination Extent
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By.:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 02
Sheet 05 of 07

ECI Environmental Services

N

Approximate Scale

0' 5' 10' 15' 30' 60'

Legend
Monitoring Well Location
Boring Location

Boring Location Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017	Figure No.: 03
Completed By:	K. Spencer	
Reviewed By:	S. Spencer	
Version:	ECI-001	
Project No.:	0267-07-02	Sheet 03 of 07

eci Environmental Services

REMEDIAL INVESTIGATION REPORT

Former Texaco Service Station
704 Puyallup Avenue
Tacoma, Washington 98421

November 15, 2017

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WA State Department
of Ecology (SWRO)

Prepared For:

Mr. Joe Carman
C/o Spencer & Associates
1326 Tacoma Avenue South
Suite 201
Tacoma, Washington 98402

Kaden Reed
Sr. Environmental Technician

David Polivka, L.G.
Senior Environmental Geologist

State of Washington
Hydrogeologist
203
Licensed Geologist
DAVID R. POLIVKA

Stephen Spencer
Principal Environmental Scientist

Prepared by:

ECI | Environmental Services
PO Box 153
Fox Island, Washington 98333
Office: (253) 238-9270

ECI Project No.: 0267-07-02

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1.0 INTRODUCTION

EcoCon, Inc. (ECI) has prepared this Remedial Investigation (RI) Report for the former Texaco service station property at 704 Puyallup Avenue in Tacoma, Washington (the Property Site) (Figures 1 and 2; Appendix A). This report details field activities and observations, sampling activities, chemical analysis, conducted for the characterization of petroleum hydrocarbon contamination in the soil and groundwater at the Property This report also provides ECI's conclusions and recommendations.

As established in WAC 173-340-200, the "Site" is defined by the full lateral and vertical extent of contamination that has resulted from Underground Storage Tanks (UST) associated with a former Texaco service station on the Property. Based on the findings of environmental investigations discussed within this report, the Site has been defined as the nature and extent of the following contaminants in the soils and groundwater as defined by Ecology:

- Total petroleum hydrocarbons (TPH) in the diesel range (DRO),
- TPH in the oil range (ORO),
- TPH in the gasoline range (GRO),
- Benzene, toluene, ethylbenzene, xylenes (BTEX), and
- Select metals (arsenic, chromium III, chromium VI, mercury and lead)

1.1 Property Description/Location

The Property addressed at 704 Puyallup Avenue consists of a single 0.28 acre tax parcel (Pierce County Parcel #2074280010) (Figure 3, Appendix A), currently improved with a parking lot in the upland edge of the industrial Tacoma Tideflats area. The Property is zoned industrial and the land use in the vicinity includes rail yards, a transit station, train station, and industrial and commercial businesses. The Property boundaries are:

- Puyallup Avenue to the north,
- a parking lot on an adjacent parcel to the east,
- warehouse that was formerly Spring Air Mattress Company and currently used for loft type small manufacturing businesses to the south, and
- East G Street to the west.

The Property is currently utilized for parking and was developed by at least 1896. Former uses of the property have included lumber/wood storage, part of a sawmill and engine shop, a Texaco service station, and a restaurant. The warehouse on the adjacent property to the south was constructed in 1891 and has included manufacturing (furniture and mattress), a warehouse company, and a heating and boiling company.

The Property is relatively flat and is located at an elevation of approximately 15 feet. The area to the south of the Property rises steeply. The remainder of the area is relatively flat with a slight slope to the north and northeast.

1.2 Site Geology and Hydrogeology

1.2.1 Regional Geology

The Site is located in the Puget Lowland geologic region, an elongated topographic and structural depression filled with complex sequences of glacial and non-glacial sediments that overlie bedrock. Continental ice sheets up to 3,000 feet thick covered portions of the Puget Lowland several times during the Quaternary period. Retreating ice carved new landscapes, rechanneled rivers, drained or formed lakes, and deposited glacial drift including till and outwash (WA DNR, 2002).

1.2.2 Regional Hydrogeology

The primary aquifers in the Puget Sound region are typically overlain by relatively impermeable glacial till deposits that are present at or near the ground surface. Within these till deposits are localized areas or lenses of water-bearing sands and gravels that may result in a shallow, perched water table. Lateral and vertical migration of shallow groundwater may be impeded by the relatively impermeable nature of the till and by the sometimes-discontinuous nature of the perched water-bearing sands and gravel. Perched and discontinuous zones of shallow groundwater may be seasonally or perennially present, depending on site-specific conditions. Shallow groundwater flow directions fluctuate and tend to follow topographic gradient but are also affected by seasonal high-water tables and variable soil characteristics.

1.2.3 Site Geology

Property-specific geologic information was not available for review. According to the Washington State Department of Natural Resources online Geologic Portal the Site is underlain by glacial drift deposited during the Vashon Stade of the Upper Pleistocene Fraser Glaciation. This consists of till and outwash clay, silt, sand, gravel, cobbles, and boulders deposited by or originating from the continental glaciers. It can locally include peat, non-glacial sediments, modified land, and artificial fill. The underlying formation is The Natural Resource Conservation Service (NRCS) web Soil Survey does not list a soil type for this area. This is typical of urban and city area because much of the area has been cleared of the native soils. Older soil surveys for Pierce County have classified the soil as belonging to the Alderwood Series. These soils are considered gravelly sandy loam with slow infiltration rates.

Soils underlying the Property generally consist of silty sand with either gravel or cobble to approximately 16 feet below ground surface (bgs). The topographic elevation of the Subject Property is approximately 13 feet above mean sea level.

1.2.4 Site Hydrogeology

Perched and discontinuous zones of shallow groundwater may be seasonally or perennially present, depending on site-specific conditions. Shallow groundwater flow directions fluctuate and tend to follow topographic gradient but are also affected by seasonal high-water tables and variable soil characteristics Groundwater migration pathways may also follow underground conduits.

According to Washington State Department of Ecology well logs, and groundwater sampling events at the Property, shallow groundwater in the vicinity of the Subject Property is located at approximately 6 to 10 feet bgs. Based on groundwater elevations obtained from wells installed at the Site, the direction of groundwater flow is to the northwest toward the Thea Foss Waterway approximately 0.3 miles to the northwest. A groundwater contour map is presented in Figure 4.

1.3 Previous Site Investigations / Remedial Actions

1.3.1 Geophysical Survey and Underground Storage Tank Removal - 1998

In July 1998, as part of a Level I Site Assessment conducted by CETI in 1998 on the adjacent property to the south, Apollo Geophysics conducted a geophysical survey on the Property. The geophysical survey identified three USTs: one 550-gallon, one 1,000-gallon, and one 2,000-gallon tank. The USTs were removed by Environmental Tank Services (ETS) under the direction of CETI in July 1998. During the UST closure, approximately 43 tons of petroleum contaminated soil was excavated and transported off-site for disposal. After excavation, confirmation soil samples from the UST basin excavation indicated concentrations of all analytes below laboratory reporting limits and, therefore, below the Model Toxics Control Act (MTCA) Method A cleanup levels (CULs).

1.3.2 Subsurface Investigation – Environmental Management Services (EMS), 2006

In an effort to further characterize the release identified in the area of the former Texaco service station, Environmental Management Services (EMS) advanced four borings (B1 through B4) to twelve feet bgs on the Property. Soil and groundwater samples were collected and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), GRO, DRO, and ORO. Selected samples were also analyzed for the presence of Chlorinated Solvents (CVOCs), Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs), and metals (arsenic, cadmium, chromium, lead, and mercury).

CVOCs, PCBs and PAHs were not detected above the laboratory reporting limits in the soil and groundwater samples analyzed. GRO was detected at a concentration exceeding the MTCA Method A CUL in the soil samples collected from boring B4. Groundwater collected from B4 also contained concentrations of DRO and ORO exceeding MTCA Method A CUL. Groundwater collected from B1, B3, and B4 contained concentrations of lead in excess of the MTCA Method A CUL of 15 ug/L and the groundwater sample collected from B3 contained concentrations of chromium exceeding the MTCA Method A CUL. A summary of this data is presented in Appendix C.

1.3.3 Opinion Letter - Ecology, 2007

On June 15, 2007 Ecology provided an opinion on the completed remedial actions for the Site, which concluded that further characterization was necessary to adequately define the contamination associated with the former service station. Specifically:

- Petroleum hydrocarbon contamination in soil;
- Metals in soil;
- Petroleum hydrocarbons in groundwater;
- Volatile organic compounds in groundwater; and,
- Metals in groundwater.

Ecology suggested that groundwater monitoring wells should be installed in order to define the extent of this contamination.

2.0 SITE CHARACTERIZATION

2.1 Purpose

The purpose of the RI was to define the extent of soil and groundwater contamination associated with a former gasoline service station that was located on the Property and to provide sufficient information to develop remedial options for achieving closure at the Site.

2.2 Regulatory Compliance

Regulatory compliance for this project is based on the Model Toxics Control Act (Revised Code of Washington [RCW] Chapter 70.105D implemented by Ecology. Pursuant to RCW Chapter 70.105D, Ecology has established cleanup standards and requirements for the cleanup actions (Washington Administrative Code [WAC] 173-340).

The rules establishing these standards and requirements were developed by Ecology in consultation with a Science Advisory Board (established under the Act) and with representatives from local government, citizen, environmental, and business groups. The rules were first published in February 1991, with amendments in January 1996, February 2001, and October 2007.

2.3 Limited Geophysical Survey

Prior to subsurface work at the Site the "call before you dig service" (811) was called 48 hours in advance of site activities to identify public underground utilities. Additionally, Mountain View Locating Services of Bonney Lake, WA, completed a private subsurface utility sweep to locate any potential buried utilities.

2.4 Contaminants of Concern (COCs) and Cleanup Levels

Based on previous investigations and requirements outlined in Ecology's June 15, 2007 opinion letter, the contaminants of concern (COCs) at the Site are identified as: GRO; DRO; ORO; BTEX; and select metals including arsenic, chromium, lead, and mercury.

The concentrations of these contaminants in the samples that were collected for this RI were compared to the MTCA Method-A Soil CUL for Unrestricted Land Use and the Method-A Groundwater CUL, (WAC 173-340-900, Tables 740-1 [Soil] and 720-1 [Groundwater]. These cleanup levels are presented below.

Method-A Cleanup Levels (MTCA-A) for Soil and Groundwater (MTCA Cleanup Regulation 173-340-900: Tables 720-1 and 740-1)		
Contaminant of Concern (COCs)	**Soil Cleanup Levels - mg/kg**	**Groundwater Cleanup Levels - µg/l**
Gasoline Range Organics (GRO)	100/30[1]	1,000/800[2]
Diesel Range Organics (DRO)	2,000	500
Oil Range Organics (ORO)	2,000	500
Benzene	0.03	5
Toluene	7	1,000
Ethylbenzene	6	700
Xylenes	9	1,000
Arsenic	20	5
Chromium VI	19	50
Chromium III	2,000	
Total Lead	250	15
Mercury	2	2

2.5 Subsurface Investigation Activities

On October 25th, 2017, Standard Environmental Probe, of Tumwater, Washington, advanced eight (8) borings (GSMW1 through GSMW4, and B5 through B8) to a depth of 12 feet bgs, using direct push drilling techniques under the supervision of an ECI environmental professional. The borings were advanced in strategic locations, in the areas identified by previous environmental activities to have been in the vicinity of the former gasoline service station USTs (Figure 3, Appendix A).

Prior to sample collection, the soil was field-screened utilizing a handheld photoionization detector (PID), olfactory techniques and physical observations, such as soil staining and sheen presence. Field-screening techniques revealed the presence of hydrocarbons within borings GSMW2, GSMW3, GSMW4, and B5.

[1] Gasoline Range Organics: Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture has a soil CUL = 100 mg/kg. All other gasoline mixtures have a soil CUL = 30 mg/kg. For groundwater, the CUL is 1,000 ug/l for gasoline mixtures without benzene and 800 ug/l for all other gasoline mixtures.

Sixteen (16) soil samples were collected from borings GSMW1 through GSMW4 and B5 through B8. Two (2) soil samples from each boring were collected at depths between approximately five (5) feet bgs and the soil-groundwater interface, which was identified as approximately ten (10) feet bgs.

Relatively undisturbed soil samples were collected directly from the macro-core samplers extracted from the borings. Samples were transferred into new laboratory-provided analyte specific sample containers and assigned a unique sample ID; those collected for volatile organic compounds (VOCs) were collected using the EPA Method 5035 sampling procedures.

Groundwater was encountered at approximately ten (10) feet bgs on the Property. Groundwater monitoring wells were installed in four (4) of the borings (GSMW1 – GSMW4). The wells were constructed of 1-inch diameter PVC and screened from approximately fifteen (15) feet bgs to five (5) feet bgs. Boring logs and well construction details are provided in Appendix D. Upon installation of the monitoring wells, ECI developed the newly installed groundwater monitoring wells by pumping water from them until it was relatively clear.

2.6 Groundwater Sampling Activities

On November 1, 2017, ECI returned to the Property to collect groundwater samples from the four recently constructed groundwater monitoring wells (GSMW1 – GSMW4). Purging and sampling was conducted in accordance with American Society of Testing and Materials (*ASTM) Guideline* D6771-02 *"Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations"*.

ECI field staff followed the procedures described below when collecting groundwater samples:

- The cap from the monitoring well was removed and the groundwater level was allowed to equilibrate to atmospheric pressure for a minimum of 20 minutes.
- The depth to groundwater in the monitoring well was measured relative to the top of the well casing using an electronic water-level meter.
- Each monitoring well was purged at a low-flow rate (100 to 300 milliliters per minute) using a peristaltic pump and dedicated polyethylene tubing. Field parameters of temperature, pH, turbidity, dissolved oxygen and specific conductivity were monitored during purging using a water quality meter to determine when these parameters stabilized. Following stabilization of the field parameters, samples of the groundwater were obtained.

2.7 Sample Collection

During sample collection of the groundwater and soil, each discrete sample was placed in new, laboratory provided containers and assigned unique sample identification numbers (e.g. B1-5', GSMW1). Volatile Organic Compounds (VOC) soil samples were collected using the Washington State Department of Ecology

(Ecology) -required Environmental Protection Agency (EPA) 5035 sampling collection method. Samples were then placed into a container maintained at 4° Celsius until delivered to the laboratory.

2.8 Soil and Groundwater Conditions

2.8.1 Soil Conditions

The surface of the Site is paved with approximately three (3) to four (4) inches of asphalt. Below the asphalt pavement the soil conditions were fairly consistent consisting of loose brown coarse silty sand with gravel. Some cobbles were encountered during the drilling. It is assumed that the soil is fill material from when the Puyallup River delta and flood plain were filled in the early-1900s.

2.8.2 Groundwater Conditions

Groundwater levels for all four of the monitoring wells were measured on November 1, 2017. The depth to groundwater ranged from 6.13 feet to 9.18 feet below the top of the monitoring well casings. During drilling, groundwater at the Site was encountered at a depth of approximately 10 feet bgs and is most likely perched with an upward gradient.

Based on groundwater elevations obtained from the wells installed at the Site, the direction of groundwater flow is to the northwest toward the Thea Foss Waterway approximately 0.3 miles to the northwest with a gradient of 0.035 feet per foot (ft./ft.). A groundwater contour map is presented in Figure 4.

2.9 Analytical Results

2.9.1 Soil Analytical Results

Sixteen (16) soil samples were submitted to Friedman and Bruya of Seattle, Washington, and analyzed for the identified site specific COCs. The analytical results show that the soil sample collected from boring B5 at approximately five (5) feet bgs (B5-5'), exceeded the MTCA Method A CUL for GRO, ethylbenzene and xylenes at 1,500 mg/kg, 11 mg/kg, and 14 mg/kg respectively.

ORO was detected below the MTCA CUL in samples GSMW3-10 (820 mg/kg) and GSMW4-10 (1,100 mg/kg from a depth of 10 feet bgs and in sample B8-5 (460mg/kg) from a depth of 5 feet bgs. DRO was detected below the MTCA CULs in sample B5-5 (500 mg/kg) and in sample B8-5 (240 mg/kg). Both of these analytical results were flagged by the laboratory saying that *"The sample chromatographic pattern does not resemble the fuel standard used for quantitation"*. This may be a result of what was quantified as DRO being actually ORO. It may also represent that the diesel found is heavily weathered and the standard used was a fresh diesel.

Arsenic, lead and chromium were detected above the laboratory reporting limits in the samples analyzed. Both the arsenic and lead results were significantly below the MTCA Method A CULs. Chromium was

analyzed as total chromium and was reported as being above the MTCA Method A CUL of 19 mg/kg for combined chromium III and chromium IV in all samples except for sample B8-5.

Chromium is generally found in two valences, chromium +3 (trivalent chromium) and chromium +6 (hexavalent chromium). Of the two valences, hexavalent chromium is the most toxic and therefore when present, it has a lower clean up level. It also has a shorter residence time in the environment and relatively quickly reduces into trivalent chromium. The MTCA Method A tables (WAC 173-340-900: Tables 720-1 and 740-1) use hexavalent chromium for determining the cleanup levels. If the chromium can be show by analysis to be all trivalent chromium than the cleanup levels are raised to 2,000 mg/kg. Because hexavalent chromium has a short residence time in the environment and because it generally has a distinctive yellow-green color that was not observed in the samples, ECI is assuming that the chromium report is trivalent chromium. Using the assumption that the chromium is trivalent chromium, the reported values in the samples analyzed are significantly below the MTCA CUL.

A summary of the laboratory analytical results is provided in Table 1 in Appendix B. The laboratory analytical datasheets are presented in Appendix F.

2.9.2 Groundwater Analytical Results

Four (4) groundwater samples were submitted to Friedman and Bruya of Seattle, Washington and analyzed for the identified site specific COCs. The analytical results indicate that the groundwater samples collected from GSMW1 – GSMW4 exceeded the MTCA Method A CUL for total arsenic and samples from GSMW1 and GSMW2 exceeded the MTCA Method A CUL for total lead. The sample from well G5MW2 also contained total chromium at 56 µg/l which is slightly above the MTCA Method A CUL of 50 µg/l.

Because there was silt in the samples collected and that metals can be present in the silt, the groundwater samples from wells GSMW1 and GSMW2 were analyzed for dissolved lead. The analytical results for dissolved lead indicated that dissolved lead was below the laboratory method reporting limits.

Although total arsenic is above the MTCA Method A CUL in all four (4) groundwater samples, the analytical results for dissolved lead indicate that dissolved arsenic may also be below the laboratory method reporting limits as well. For the total chromium result in the sample from well GSMW2, it is assumed that the total chromium is a result of sediment in the sample. As discussed above with the soil results, it is assumed that the chromium found in the sample from GSMW2 is trivalent chromium in which case the MTCA CUL is 100 µg/L.

For the remaining COCs, the groundwater samples contained concentrations either below the laboratory method reporting limits or below their respective MTCA Method A CULs. A summary of the laboratory analytical results is provided in Table 2 in Appendix B. The laboratory analytical datasheets are presented in Appendix F.

2.10 Extent of Contamination

2.10.1 Soil Contamination

Based on the analytical results of the samples collected and analyzed in 2006 and the samples collected and analyzed during this RI, it is believed that the extent of soil contaminated with gasoline and its related constituents has been defined except for in one area of the Site. The soil contamination appears to be located in the area of borings B4 and B5. This is the area of the former USTs and one of the former dispenser islands at the Site. The limits of the contamination are defined by borings B1, B6, B7, B8, and well GSMW2.

The soil samples from well GSMW1 did not reveal petroleum contamination above the MTCA CULs and defines the potential southernmost boundary of the contamination. However, the limit of contamination is more likely closer to boring B4 than it is well GSMW1. The extent of contamination to the west has not been defined and is potentially off-site beneath the City of Tacoma right-of-way containing the sidewalk. Figure 5 in Appendix A shows the estimated extent of contamination.

Because there does not appear to be a correlation of the concentrations of the metals observed at the Site and the concentration of hydrocarbons and because the concentrations of metals observed are fairly consistent Site-wide, it is believed that the metals observed at the Site are a result of materials used to fill the entire area. The metals observed at the Site are a result of background concentrations and are not related to the petroleum releases at the Site.

2.10.2 Groundwater Contamination

During the Subsurface Investigation conducted in 2006 groundwater grab samples were collected from borings B1 through B4. With the exception of boring B4, petroleum contamination was not detected in the analyzed groundwater grab samples. The sample from boring B4 contained DRO and ORO above the respective MTCA Method A CULs.

Monitoring wells installed during this RI near the perimeter of the Property and sampled once have not shown contamination petroleum products. Therefore, it is believed that the DRO and ORO contaminated groundwater observed in boring B4 is an isolated occurrence related to the "pit water" collected in the former UST excavation. However, monitoring wells have not been installed east of the Site in the City of Tacoma right-of-way containing the sidewalk. Also, additional quarterly groundwater sampling will be needed to confirm that the groundwater near the perimeter of the Site remains unaffected.

As mentioned above when discussing the extent of soil contamination, it is believed that the arsenic and chromium contamination observed in the groundwater samples are background concentrations resulting from the materials used to fill the area near the site. Figure 6 in Appendix A presents the groundwater analytical results.

3.0 CONCEPTUAL SITE MODEL

Ecology requires that an RI provide information:

> *"...to determine the impact or potential impact of the hazardous substance from the facility on natural resources and ecological receptors, including any information needed to conduct a terrestrial ecological evaluation, under WAC 173-340-7492 or 173-340-7493, or to establish an exclusion under WAC 173-340-7491."* (WAC173-340-350(7)(c)(iii)(F)

To determine an impact or potential impact a Conceptual Site Model (CSM) is developed. The CSM summarizes the potentially complete exposure pathways by which receptors may be exposed to contaminants at the Site under current or anticipated future conditions. A complete pathway from the contaminant source to a receptor is necessary in order for contaminant exposure to occur. A discussion of physical setting, potential contaminant sources, the potential receptors, and the potential exposure pathways are presented in the following sections. Figure 7 in Appendix A presents a graphical representation of the CSM.

3.1 Physical Setting

The Property is currently utilized for parking and was developed by at least 1896. Former uses of the property have included lumber/wood storage, part of a sawmill and engine shop, a Texaco service station, and a restaurant. The warehouse on the adjacent property to the south was constructed in 1891 and has included manufacturing (furniture and mattress), a warehouse company, and a heating and boiling company. The Property is zoned industrial and the land use in the vicinity includes rail yards, a transit station, train station, and industrial and commercial businesses.

Shallow groundwater is present at the Site within approximately 8 to 10 feet of the ground surface and is anticipated to flow to the northeast.

3.2 Contaminant Sources

Based on the information gathered in previous investigations on the Property and during this RI, it is believed that the petroleum contamination found on the Property is a result from the past use of the Property as a Texaco service station. It appears that the petroleum was released from underground storage tanks and piping associated with the station. It also appears that metals observed in samples from the Site are a result materials used for regional filling of the area in the early 1900s.

3.3 Potential Receptors and Exposure Pathways

Potential receptors are those individuals and natural resources that may be exposed to contaminants under the current and reasonable likely future land and water use scenarios. Natural resource receptors include land-based plants and animals, as well as water-based plants and animals, wetlands, or sediments.

Based on the location of the Site, Natural resources are not considered as receptors for this Site Potential human receptors include the following: residents, occupational workers, construction workers and excavation workers.

The following human exposure pathways to contaminants in soil and sediment could be complete based on our understanding of current and future land use, water quality, and the magnitude and extent of contamination at the Site:

- Exposure to contaminants in soil (0 to 15 feet bgs) via incidental ingestion, dermal contact and inhalation of fugitive dust (occupational receptors and construction/excavation workers); and
- Potential Exposure to contaminants in soil via volatilization to outdoor air (occupational receptors).

The following exposure pathway to contaminants in groundwater is potentially complete:

- Exposure to groundwater via direct contact in excavations.

The following exposure pathway to contaminants in groundwater is currently incomplete; however, it is possible that this pathway could become complete in the future:

- Potential Exposure to contaminants in soil via vapor intrusion to indoor air (residential and occupational receptors)

3.4 Terrestrial Ecological Evaluation

As required by WAC 173-340-7492, ECI has completed a Terrestrial Ecological Evaluation (TEE). The Site is located in an urban area and there is there is less than 1½ acres of contiguous undeveloped land on or within 500 feet of any area of the Site. In addition, the metals found at the Site appear to exceed natural background levels. Based on this, it has been determined that the Site qualifies for an exclusion from further terrestrial ecological evaluation. A copy of the TEE form and documentation form are attached in Appendix E.

4.0 SUMMARY AND CONCLUSIONS

ECI has completed a remedial investigation at the former Texaco service Station located at 704 Puyallup Avenue in Tacoma, Washington. This RI relied on previous work conducted at the site between 1998 and 2007 as well as an investigation conducted in October 2017 and November 2017. The October and November 2017 investigations were to determine the lateral and vertical extent of petroleum contamination previously identified on the Property. The contamination consisted of gasoline and diesel related petroleum hydrocarbons that appeared to be released from a former UST system on the Property.

On October 25· 2017, ECI advanced eight borings on the Property and installed four groundwater monitoring wells. Sixteen soil samples were collected, from the eight borings, to assess the potential

environmental impacts due to the presence of the former gasoline service station on the Property. The analytical results showed that the soil sample collected from one boring (boring B5) at approximately five (5) feet bgs exceeded the MTCA Method A CUL for GRO, ethylbenzene and xylenes. The results also showed that DRO and ORO were either not present above the laboratory reporting limits or were not above the MTCA Method A CULs.

Arsenic, lead and chromium were detected above the laboratory reporting limits in the samples analyzed. However, both the arsenic and lead results were significantly below the MTCA Method A CULs. Chromium was detected above the MTCA Method A CUL for total chromium. However, it is believed that the chromium found is trivalent chromium and therefore the concentrations found are significantly below the MTCA Method A CUL for trivalent chromium.

Because the metal concentrations found did not appear to have a correlation with the petroleum concentrations and appeared to be consistent throughout the Site, it is believed that the metals are a result of materials used to fill the entire area. The metals observed at the Site are a result of background concentrations and are not related to the petroleum releases at the Site.

On November 1, 2017, collected groundwater samples from the four monitoring wells installed at the Property. The groundwater samples were collected to evaluate the groundwater quality beneath the Site.

The analytical results indicated that GRO, DRO, and ORO were not present above the laboratory reporting limits or were not present above the respective MTCA Method A CULs in the samples collected. The analytical results revealed that the groundwater samples collected exceeded the MTCA Method A CUL for total arsenic and two of the samples exceeded the MTCA Method A CUL for total lead. One sample also contained total chromium slightly above the MTCA Method A CUL.

Because there was silt in the samples collected two of the groundwater samples were analyzed for dissolved lead. The analytical results for dissolved lead indicated that dissolved lead was below the laboratory method reporting limits. Based on these results it is believed that the metals found in the groundwater samples are a result of silt and are not dissolved in the groundwater.

Based on the results of this RI, it appears that the contamination on this site is limited to the soil and is located near the former USTs. The extent of the contamination has been defined except to the west in the City of Tacoma right-of-way containing the sidewalk.

5.0 DATA GAPS AND RECOMMENDATIONS

Based on the information developed to date in this RI there appear to be four data gaps that need to be filled. The data gaps are:

- Determination of the extent of contaminated soils to the west in the City of Tacoma right-of-way containing the sidewalk,
- Determining if there is groundwater contamination in the City of Tacoma right-of-way containing the sidewalk,
- More closely defining the edge of contamination between boring B4 and well GSMW1, and
- Providing four (4) consecutive quarters of groundwater monitoring per Ecology requirements.

In order to fill the data gaps ECI recommends that:

- Additional soil borings be installed and sampled in the City of Tacoma right-of-way,
- If permitted, a groundwater monitoring well be installed in the City of Tacoma right-of-way,
- An additional soil boring be installed between boring B4 and well GSMW1, and
- Quarterly groundwater monitoring be conducted at the Site.

6.0 REFERENCES

Creative Environmental Technologies, Inc., 1998, *Level II Environmental Site Assessment - Spring Air Northwest (a division of: Carman Manufacturing Company) - 725 East 25th Street Tacoma, Washington*, August 24, 1998.

Creative Environmental Technologies, Inc., 1998, *Underground Storage Tank Site Assessment/Site Characterization- Spring Air Northwest (a division of: Carman Manufacturing Company) Located at: Tacoma Land Company's First Addition to Tacoma Block 7527 Lots 1-12 and Block 7428 Lots 1-12- 725 East 25th Street Tacoma, Washington,* August 24, 1998

Environmental Management Services, 2006, *Draft Subsurface Investigation – 725 E. 25th Street, Tacoma, Washington*, Prepared for Spencer Law Firm, October 18, 2006

NRCS Web Soil Survey: https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/survey/

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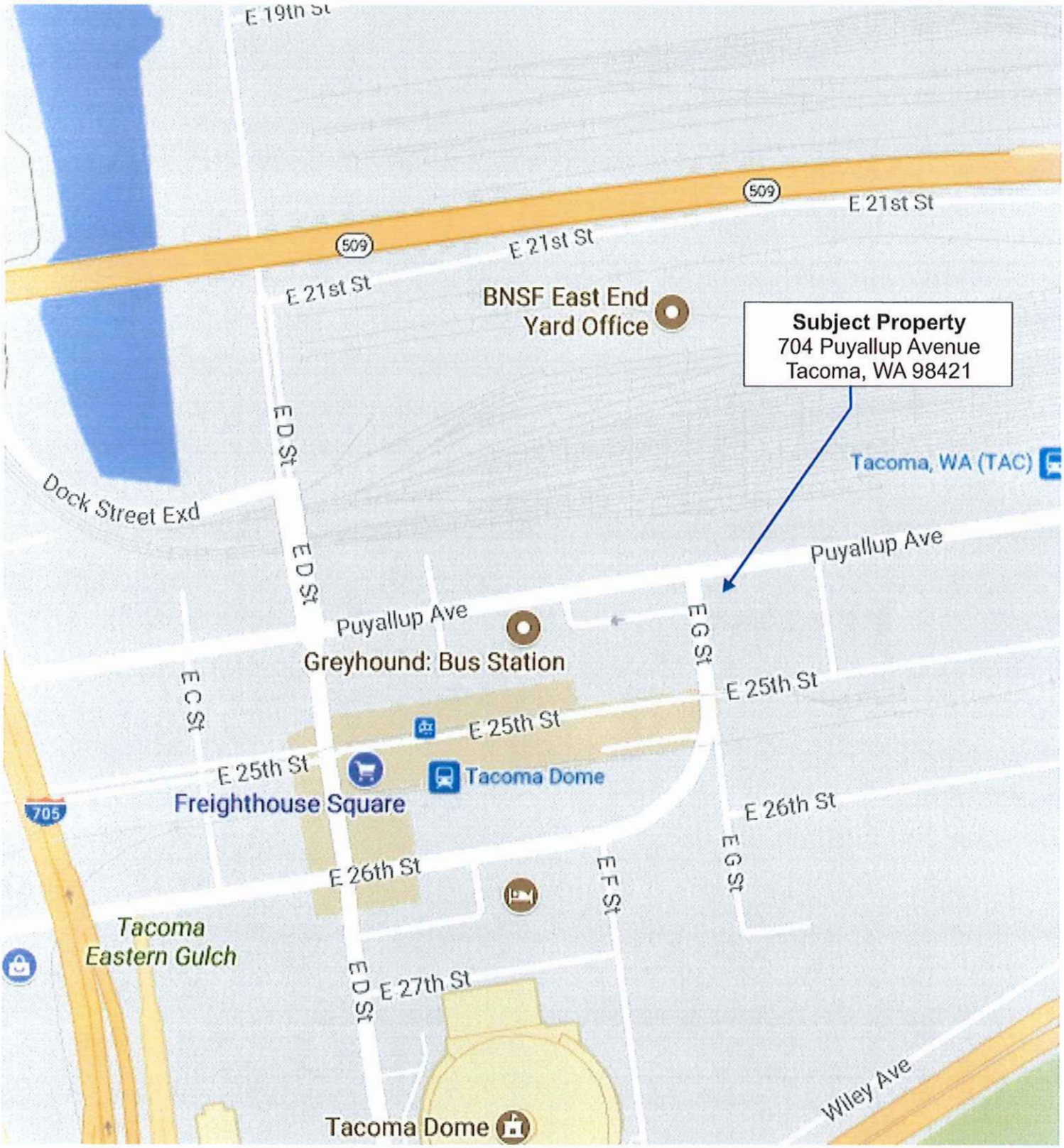

N
Not To Scale

Site Location Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017	Figure No.: 01
Completed By:	K. Spencer	
Reviewed By.:	S. Spencer	
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Project No.:	0267-07-02	Sheet 01 of 07

eci Environmental Services
Providing Practical Environmental Compliance Solutions

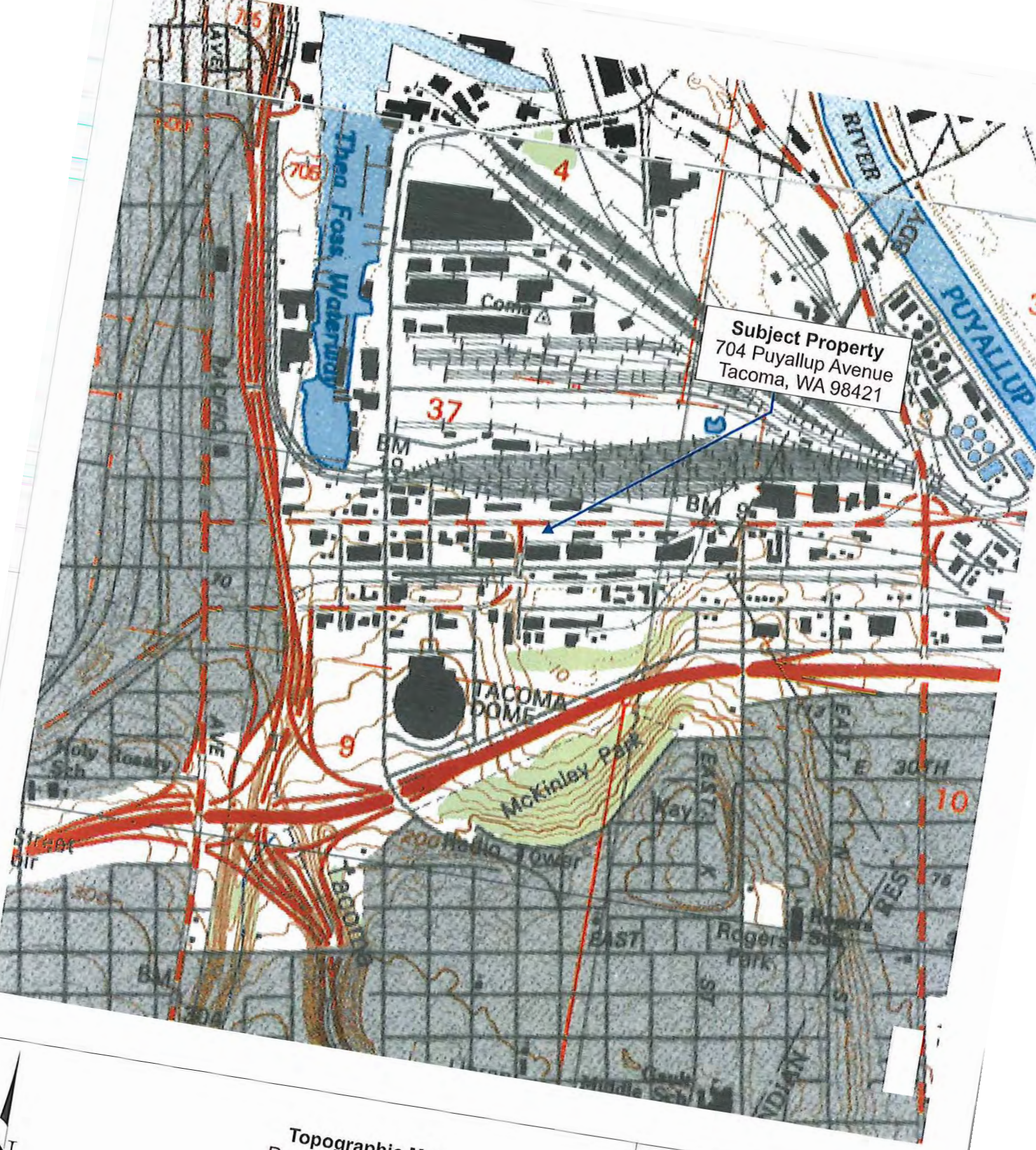

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Scale

Topographic Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017	Figure No.: 02
Completed By:	K. Spencer	
Reviewed By.:	S. Spencer	
Version:	ECI-001	
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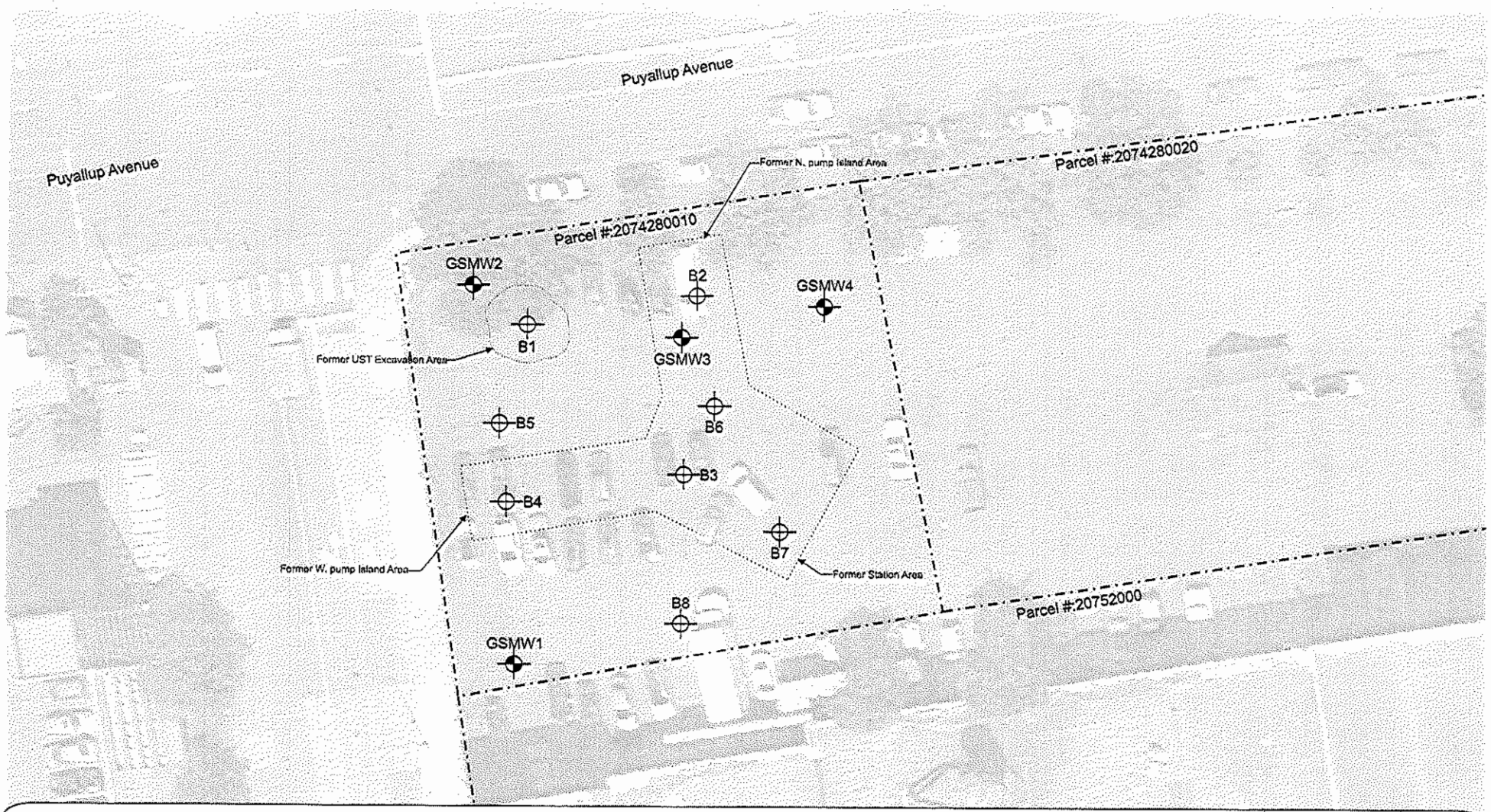

N

Approximate Scale

0' 5' 10' 15' 30' 60'

Legend
Monitoring Well Location
Boring Location

Boring Location Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 03

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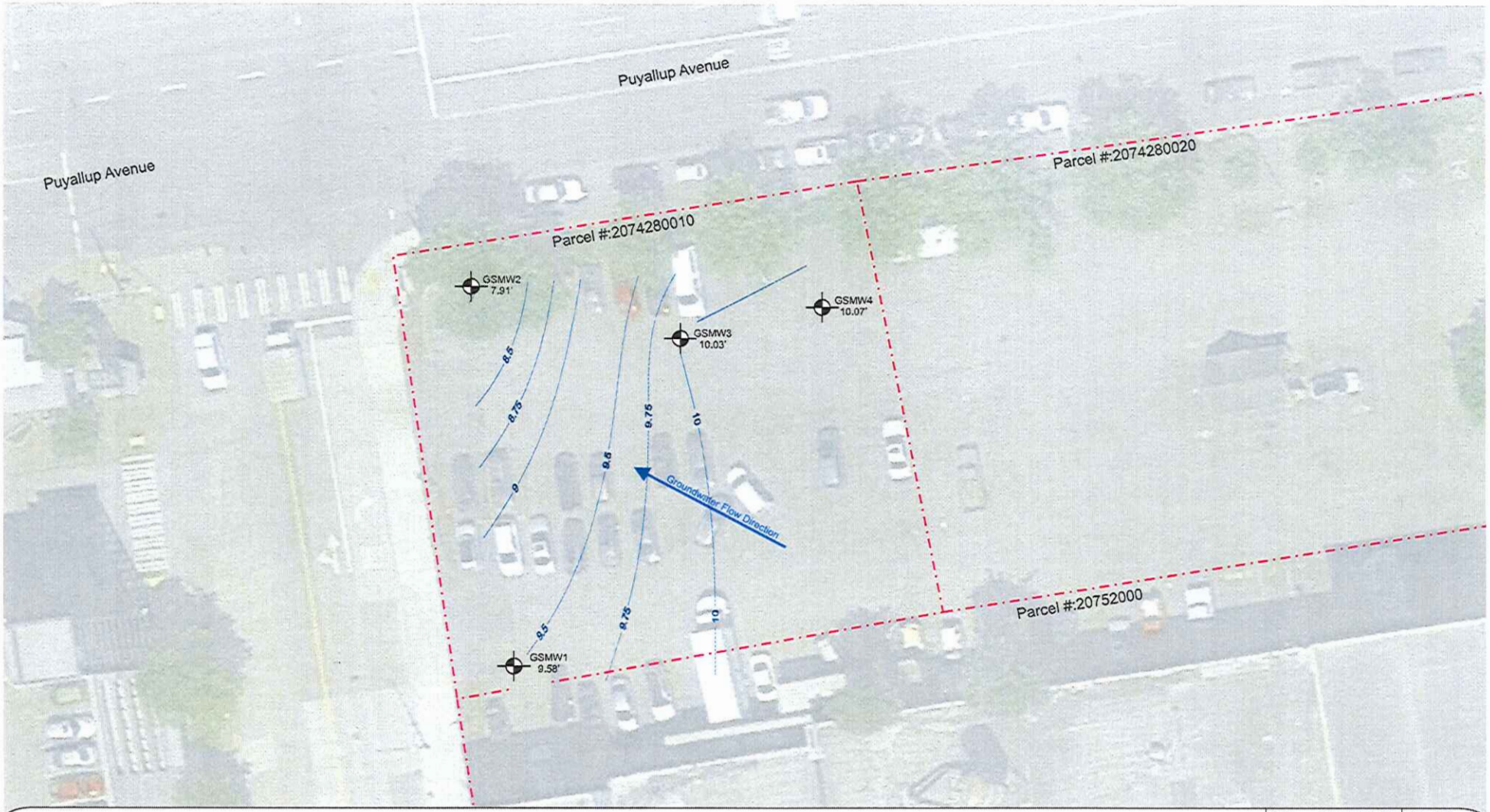

N

Approximate Scale

0' 5' 10' 15' 30' 60'

Legend
Monitoring Well Location

Groundwater Contour Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
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Reviewed By.:	S. Spencer
Version:	ECI-001
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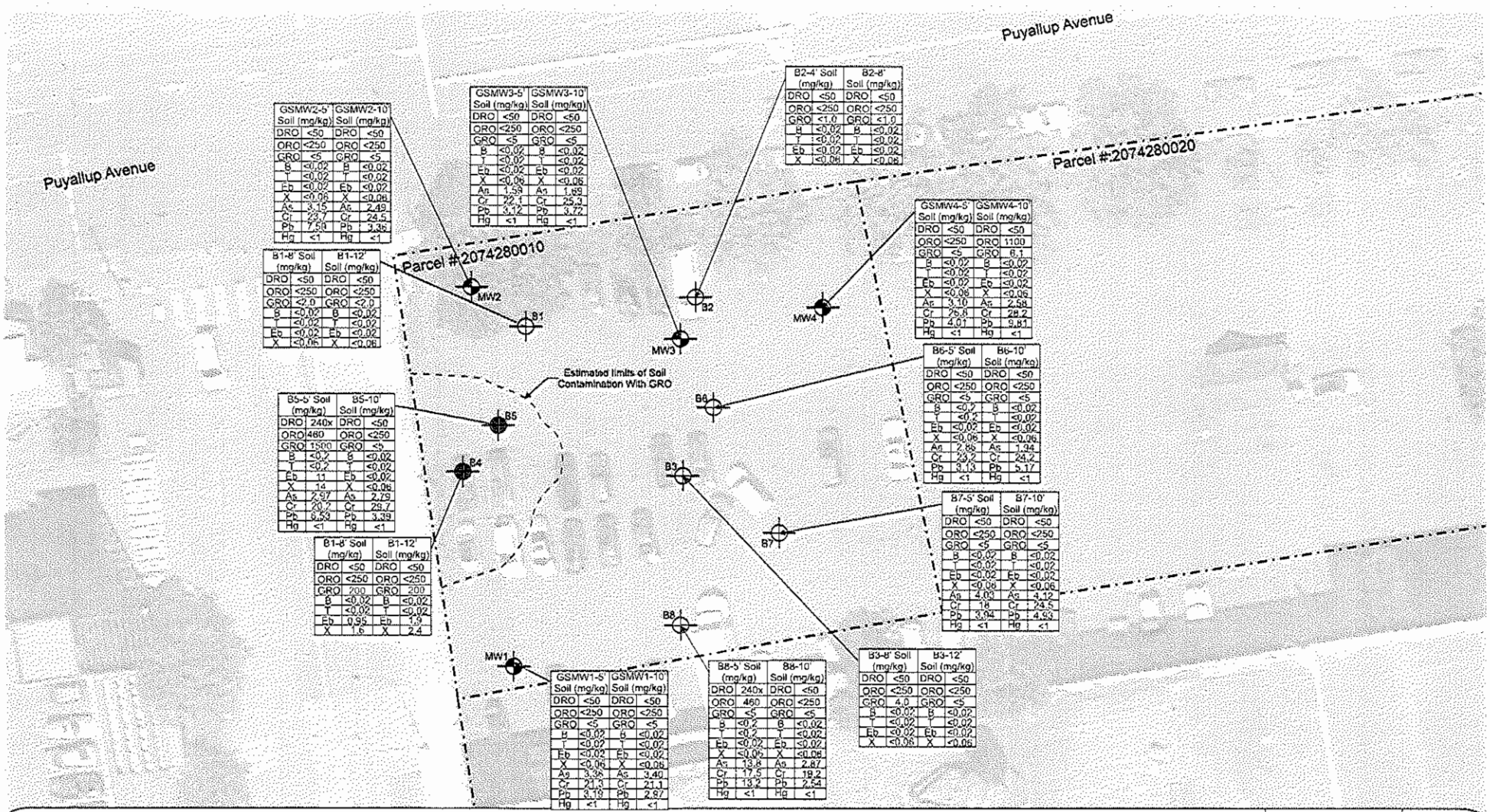

GSMW2-5' Soil (mg/kg)		GSMW2-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.15	As	2.49
Cr	23.7	Cr	24.5
Pb	7.58	Pb	3.35
Hg	<1	Hg	<1

GSMW3-5' Soil (mg/kg)		GSMW3-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	1.59	As	1.89
Cr	22.1	Cr	25.3
Pb	3.12	Pb	3.72
Hg	<1	Hg	<1

B2-4' Soil (mg/kg)		B2-8' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<1.0	GRO	<1.0
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

B1-8' Soil (mg/kg)		B1-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<2.0	GRO	<2.0
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

GSMW4-5' Soil (mg/kg)		GSMW4-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	1100
GRO	<5	GRO	6.1
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.10	As	2.58
Cr	25.8	Cr	28.2
Pb	4.01	Pb	9.81
Hg	<1	Hg	<1

B6-5' Soil (mg/kg)		B6-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	2.86	As	1.34
Cr	23.2	Cr	24.2
Pb	3.13	Pb	5.17
Hg	<1	Hg	<1

B5-5' Soil (mg/kg)		B5-10' Soil (mg/kg)	
DRO	240x	DRO	<50
ORO	460	ORO	<250
GRO	1500	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	11	Eb	<0.02
X	14	X	<0.06
As	2.97	As	2.79
Cr	20.7	Cr	28.7
Pb	6.59	Pb	3.39
Hg	<1	Hg	<1

B7-5' Soil (mg/kg)		B7-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	4.03	As	4.12
Cr	18	Cr	24.5
Pb	3.94	Pb	4.93
Hg	<1	Hg	<1

B1-8' Soil (mg/kg)		B1-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	200	GRO	200
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	0.95	Eb	1.9
X	1.6	X	2.4

GSMW1-5' Soil (mg/kg)		GSMW1-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.36	As	3.40
Cr	21.3	Cr	21.1
Pb	3.19	Pb	2.97
Hg	<1	Hg	<1

B8-5' Soil (mg/kg)		B8-10' Soil (mg/kg)	
DRO	240x	DRO	<50
ORO	460	ORO	<250
GRO	<5	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	13.8	As	2.87
Cr	17.5	Cr	19.2
Pb	13.2	Pb	2.54
Hg	<1	Hg	<1

B3-8' Soil (mg/kg)		B3-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	4.0	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

N

Approximate Scale

0' 5' 10' 15' 30' 60'

MW2 Legend
Monitoring Well Location.

DRO Diesel Range Organic
ORO Oil Range Organic
GRO Gasoline Range Organic
B Benzene
T Toluene
Eb Ethylbenzene
X Total Xylenes
As Arsenic
Cr Chromium
Pb Lead
Hg Mercury
dPb Dissolved Lead

Soil Analytical Results and Contamination Extent
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
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Version:	ECI-001
Project No.:	0267-07-02

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ECI Environmental Services

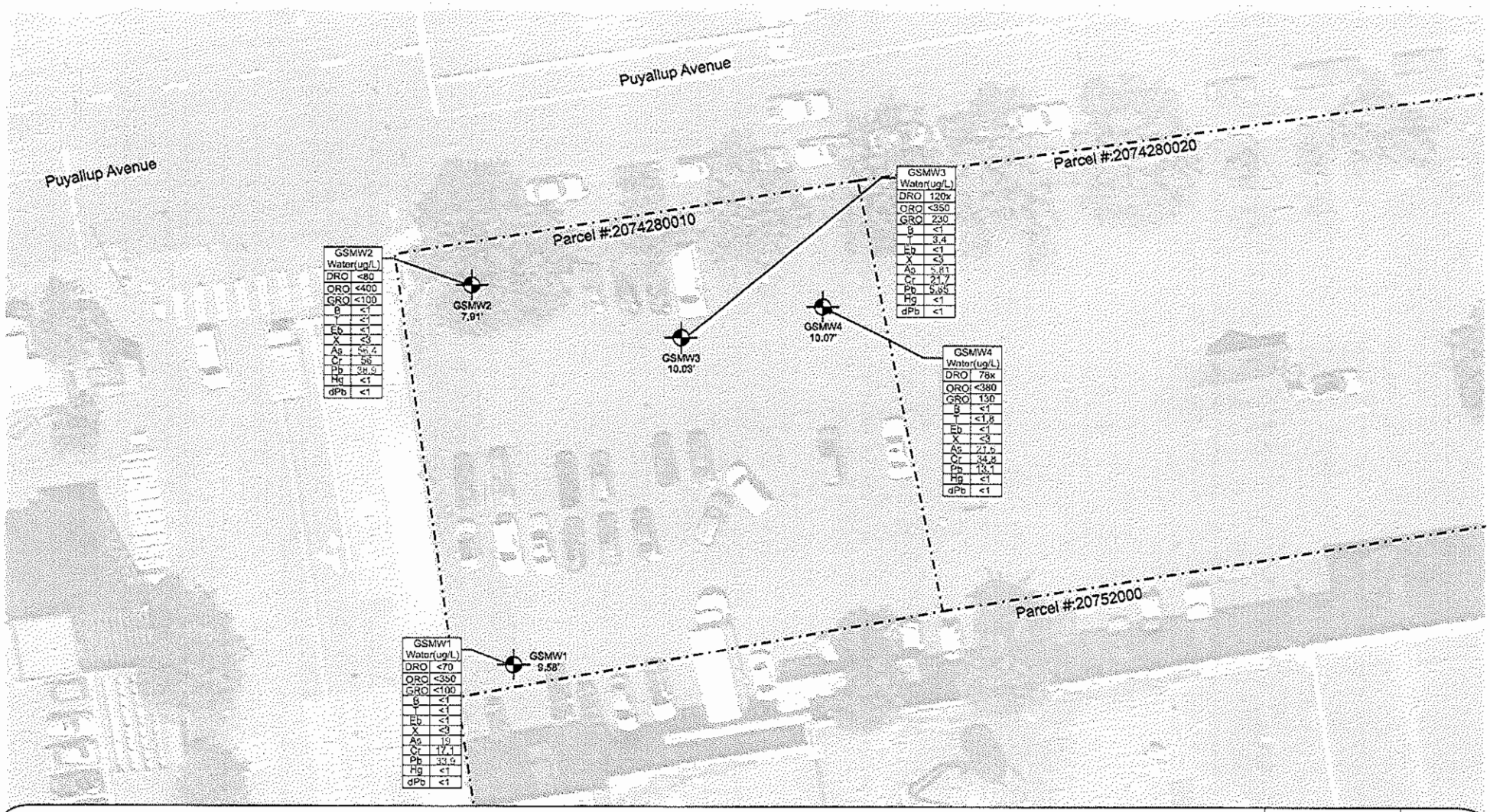

N

Approximate Scale

0' 5' 10' 15' 30' 60'

MW2 Legend
Monitoring Well Location.

DRO Diesel Range Organic
ORO Oil Range Organic
GRO Gasoline Range Organic
B Benzene
T Toluene
Eb Ethylbenzene
X Total Xylenes
As Arsenic
Cr Chromium
Pb Lead Total
Hg Mercury
dPb Dissolved Lead

Groundwater Analytical Results
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
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Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 06

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Environmental Consulting Services

Primary Source	Contaminants of Parental Concern	Media of Concern	Transport Mechanisms
Releases of Petroleum Hydrocarbons From Leaking Underground Storage Tank Pipins	Gasoline Range Organics Diesel Range Organics Oil Range Organics [X] Adsorbed into Soil [X] Dissolved in Water [ ] non-aqueous phase	[X] Surface Soil (0-2 feet bgs)	[X] Direct Release to soil [X] Migration to subsurface soil [X] Migration to groundwater [X] Volatilization [ ] Runoff or erosion [ ] Uptake by plant or animal [ ] Other (List) _____
		[X] Soil (. 2 feet bgs)	[X] Direct Release to soil [X] Migration to groundwater [X] Volatilization [ ] Other (List) _____
		[X] Groundwater	[X] Release to groundwater [X] Volatilization [ ] Future migration to surface water [ ] Future migration to sediment [ ] Uptake by plants or animal [ ] Other (List) _____
		[ ] Surface Water	[ ] Release to surface water [ ] Volatilization [ ] Sedimentation [ ] Uptake by plant or animal [ ] Other (List) _____
		[ ] Sediment	[ ] Release to Surface water [ ] Resuspension or erosion [ ] Uptake by plant or animal [ ] Other (List) _____

Exposure Media	Exposure Pathway	Commercial Industrial	Construction Worker	Residential/ Recreational	TEE Receptors
[X] Soil →	[X] Ingestion	C	C		
	[X] Dermal Exposure	C	C		
[X] Groundwater →	[X] Ingestion				
	[X] Dermal Exposure	F	F		
[X] Air →	[X] Inhalation	C	C	F	
[ ] Surface Water →	[ ] Ingestion				
	[ ] Dermal Exposure				
[ ] Sediment →	[ ] Ingestion				
	[ ] Dermal Exposure				

Conceptual Site Model and Exposure Pathways
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date: December 22, 2017
Completed By: K. Spencer
Reviewed By.: S. Spencer
Version: CCI-001
Project No.: 0267-07-02

07
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Appendix B – Project Tables

Table 1: Summary of Soil Boring Analytical Results

Table 2: Summary of Groundwater Analytical Results

Table 3: Groundwater Elevations

Providing Practical Environmental Compliance Solutions
Environmental Services

Table 1 -Soil Sample Results
Former Texaco Service Station

704 Puyallup Avenue
Tacoma, Washington 98421

Sample Name	Date Sampled	Sample Depth	NWTPH-Dx Ext		NWTPH-Gx	EPA 8021B				EPA 7010			
			Diesel	Heavy Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Total Lead	Total Arsenic	Total Chromium	Total Mercury
		ft/bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GSMW1-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.19	3.36	21.3	<1
GSMW1-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	2.97	3.40	21.1	<1
GSMW2-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	7.59	3.15	23.7	<1
GSMW2-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.63	2.49	24.5	<1
GSMW3-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.12	1.59	22.1	<1
GSMW3-10	10/25/17	10	<50	**820**	<5	<0.02	<0.02	<0.02	<0.06	3.72	1.09	25.3	<1
GSMW4-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	4.01	3.10	26.8	<1
GSMW4-10	10/25/17	10	<50	**1,100**	**6.1**	<0.02	<0.02	<0.02	<0.06	9.81	2.58	28.2	<1
B5-5	10/25/17	5	**500 x**	<250	**1,500**	<0.02	<0.02	**11**	**14**	6.53	2.97	20.2	<1
B5-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.93	2.79	29.7	<1
B6-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.13	2.86	23.2	<1
B6-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	5.17	1.94	24.2	<1
B7-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.94	4.03	18.0	<1
B7-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	4.93	4.12	24.5	<1
B8-5	10/25/17	5	**240 x**	**460**	<5	<0.02	<0.02	<0.02	<0.06	13.20	13.80	17.5	<1
B8-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	2.54	2.87	19.2	<1
Laboratory Method Reporting Limits			50	250	5.0	0.02	0.02	0.02	0.06	1	1	1	1
MTCA Method A Cleanup Limits			2000	2000	100/30*	0.03	7	6	9	250	20	2000/19**	2

Bold = Analyte detected above the laboratory method reporting limits but below the MTCA Method A Cleanup Levels.
Bold Shaded = Analyte above MTCA Method A Cleanup Levels.
Values are reported in milligrams per kilogram (mg/kg)
ND = analyte not detected above the analytical method detection limit cited.
J = indicates an estimated value
*The cleanup level (CUL) for gasoline in soil is 100 mg/kg, but if benzene is present, then the CUL is 30 mg/kg.
**The cleanup level (CUL) for chromium III in soil is 2,000 mg/kg, and chromim VI CUL is 19 mg/kg
MTCA-A=Model Toxics Control Act Method A
NA=Not Applicable
x = The sample chromatographic pattern does not match the fuel standard used for quantitation

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Table 2 -Groundwater Sample Results
Former Texaco Service Station

704 Puyallup Avenue
Tacoma, Washington 98421

Well Number	Date Sampled	Sampling Quarter	Depth To Water	Top of Casing (Station Elevation)	Groundwater Elevation	NWTPH-Dx Ext		NWTPH-Gx	EPA 8021B				EPA 7010				
						Diesel	Heavy Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Total Lead	Dissolved Lead	Total Arsenic	Total Chromium	Total Mercury
			ft	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
GSMW1	11/01/17	Q4	8.78	NA	NA	<70	<350	<100	<1	<1	<1	<3	**33.9**	<1	**19.0**	**17.1**	<1
GSMW2	11/01/17	Q4	9.18	NA	NA	<80	<400	<100	<1	<1	<1	<3	**38.9**	<1	**17.3**	**56.4**	<1
GSMW3	11/01/17	Q4	6.23	NA	NA	**120 x**	<350	**230**	<1	**3.4**	<1	<3	**5.64**	NA	**5.81**	**21.7**	<1
GSMW4	11/01/17	Q4	6.23	NA	NA	**78x**	<380	**130**	<1	**1.8**	<1	<3	**13.1**	NA	**21.6**	**34.8**	<1
Laboratory Method Reporting Limits						70	350	100.0	1	1	1	3	1	1	1	1	1
MTCA Method A Cleanup Limits						500	500	1000/800*	5	700	1000	1000	15	15	5	50	2

Bold = Analyte detected above the laboratory method reporting limits but below the MTCA Method A Cleanup Levels.
Bold Shaded = Analyte above MTCA Method A Cleanup Levels.
Values are reported in micrograms per liter (µg/L)
ND = analyte not detected above the analytical method detection limit cited.
J = indicates an estimated value
Station Elevation includes top of casing to surface + distance to top of casing
*The cleanup level (CUL) for gasoline in groundwater is 1000 µg/L, but if benzene is present, then the CUL is 800 µg/L.
MTCA-A=Model Toxics Control Act Method A
NANot Applicable
x = The sample chromatographic pattern does not match the fuel standard used for quantitation

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Table 3 Summary of Groundwater Elevation Data

704 Puyallup Avenue

Tacoma, Washington 98421

Well ID	Date of Measurement	Top of Casing Elevation (amsl)	Depth to Water	Groundwater Elevation (amsl)	Change in Elevation
		Measured in Feet			
GSMW1	11/01/17	18.36	8.78	9.58	--
GSMW2	11/01/17	17.09	9.18	7.91	--
GSMW3	11/01/17	16.26	6.23	10.03	--
GSMW4	11/01/17	16.20	6.13	10.07	--

Appendix C – Historical Analytical Data Tables

Appendix C
Historical Analytical Data Tables

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Table 6 - Water Sample Analytical Results
Polychlorinated Biphenyls
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	Polychlorinated Biphenyls (PCBs) Method 8082								
				Aroclor 1221	Aroclor 1232	Aroclor 1016	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor1260	Aroclor 1262	Total Aroclors
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H20	Boring B3	H2O	9/12/2006	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.35
	Laboratory Detection or Practical Quantitation Limit Soil			0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	--
	Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil			<0.1ug/L Total Arochlors								

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.

D= Detect exceeding HCID detection levels

Values are reported in milligrams per kilograms (mg/kg).

< # (ND) = analyte not detected above the analytical method detection limit cited.

MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.

bgs=below ground surface

NA=Not Applicable

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Table 7 - Soil Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth bgs	Sample Date	Polycyclic Aromatic Hydrocarbons (PAHs) Method 8270c															
				Naphtalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
B3-7-8'	Boring B3	7-8'	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B3-11-12'	Boring B3	11-12'	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B4-8.5-9'	Boring B4	8.5-9	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Laboratory Detection or Practical Quantitation Limit Soil				5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 8 - Water Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth bgs	Sample Date	Polycyclic Aromatic Hydrocarbons (PAHs) Method 8270c															
				Naphtalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H2O	Boring B3	H2O	9/12/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
B3-H2O	Boring B4	H2O	9/12/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 9 - Soil Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1-7-8'	Boring B1	7-8'	9/12/2006	NA	NA	NA	54.80	NA
B1-10-12'	Boring B1	10-12'	9/12/2006	NA	NA	NA	3.45	NA
B2-3-4'	Boring B2	3-4'	9/12/2006	NA	NA	NA	4.81	NA
B2-7-8'	Boring B2	7-8'	9/12/2006	NA	NA	NA	3.45	NA
B2-10-10.5	Boring B2	10-10.5	9/12/2006	NA	NA	NA	6.03	NA
B3-7-8'	Boring B3	7-8'	9/12/2006	<1	<1	13.9	3.19	<0.2
B3-11-12'	Boring B3	11-12'	9/12/2006	<1	<1	19.3	5.56	<0.2
B4-7-8'	Boring B4	7-8'	9/12/2006	NA	NA	NA	5.17	NA

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Table 9 - Soil Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B4-8.5-9'	Boring B4	8.5-9'	9/12/2006	NA	NA	NA	10.00	NA
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				20	2	2000	250	2

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 10 - Groundwater Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				ug/L	ug/L	ug/L	ug/L	ug/L
B1-H2O	Boring B1	H2O	9/12/2006	NA	NA	NA	**33.8**	NA
B3-H2O	Boring B3	H2O	9/12/2006	NA	NA	NA	6.3	NA
B3-H2O	Boring B3	H2O	9/12/2006	7.1	<1	**52.8**	**18.7**	<2
B4-H20	Boring B4	H2O	9/12/2006	NA	NA	NA	**20.5**	NA
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				5	5	50	15	2

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

Appendix D – Boring Logs

Appendix D
Boring Logs

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Offices In: Anchorage | Tacoma | Portland

ECI environmental services www.ecocononline.com Anchorage | Tacoma | Portland	Project:	Focused Subsurface Investigation	Boring ID:	B5
	Location:	725 East 25th Street, Tacoma, Washington 98424	Project Number:	0267-07-02
	Client:	Spencer Law		

Date Start/Finish:	10/25/2017	Drilling Method:	Direct Push
Logged By:	Kaden Reed	Auger ID/OD:	--
Checked By:	David Polivka	Borehole ID/OD:	2 inches
Contractor:	Standard Environmental Probe	Sampler:	Macro Core 5
Operator:	Russel	Hammer Wt./Fall:	--
Boring Location:	See Appendix A, Figure 3	Ground Elevation:	--
Coordinates:	--	Water Depth:	10 feet
Weather:	Overcast	Boring Depth:	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3			0.0	No odor	Grayish brown, dry, coarse, loose, silty sand with gravel	SM	
4							
5	B5-5	1:20 PM	8.8	Odor			
6							
7							
8			6.7	Odor			
9				▼			
10	B5-10	1:25 PM	4.2	Odor ATD			
11			0.0	No odor			
12			0.0	No odor			
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation	**Boring ID:**	**B6**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	0267-07-02
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3			0.0	No odor	Light brown, dry, coarse, loose, silty sand with gravel	SM	
4							
5	B6-5	2:00 PM					
6							
7							
8			0.0	No odor	Light brown, dry, coarse, loose, silty sand with cobble	SM	
9			0.0	No odor	Gray, dry, coarse, loose, silty sand with cobble	SM	
10	B6-10	2:05 PM	0.0	No odorATD	Gray, wet, coarse, loose, silty sand with cobble	SM	
11							
12							
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation	**Boring ID:**	**B7**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	**0267-07-02**
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3			0.0	No odor	Reddish brown, dry, coarse, loose, silty sand with gravel	SM	
4			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
5	B7-5	2:25 PM					
6							
7							
8							
9							
10	B7-10	2:30 PM	0.0	No odorATD	Brown, wet, coarse, loose, silty sand with gravel	SM	
11							
12							
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation	**Boring ID:**	**B8**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	0267-07-02
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3							
4			0.0	No odor	Dark brown, dry, coarse, loose, silty sand with gravel	SM	
5	B8-5	2:45 PM					
6			0.0	No odor	Dark brown, dry, coarse, loose, silty sand with cobble	SM	
7							
8							
9							
10	B8-10	2:50 PM	0.0	No odorATD	Dark brown, wet, coarse, loose, silty sand with cobble	SM	
11							
12							
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation
Location:	725 East 25th Street, Tacoma, Washington 98424
Client:	Spencer Law

Boring ID: GSMW1

Project Number: 0267-07-02

Date Start/Finish:	10/25/2017	Drilling Method:	Direct Push
Logged By:	Kaden Reed	Auger ID/OD:	--
Checked By:	David Polivka	Borehole ID/OD:	2 inches
Contractor:	Standard Environmental Probe	Sampler:	Macro Core 5
Operator:	Russel	Hammer Wt./Fall:	--
Boring Location:	See Appendix A, Figure 3	Ground Elevation:	--
Coordinates:	--	Water Depth:	10 feet
Weather:	Sunny	Boring Depth:	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification
1			0.0	No odor	Light brown, dry, coarse, loose, silty sand with gravel	SM
2						
3			0.0	No odor	Brown, dry, coarse, loose, silty sand with cobble	SM
4			0.0	No odor	Light brown, dry, coarse, loose, silty sand with cobble	SM
5	GSMW1-5	9:10 AM				
6						
7						
8						
9						
10	GSMW1-10	9:15 AM	0.0	No odor ATD	Light brown, wet, coarse, loose, silty sand with cobble	SM
11						
12			0.0	No odor	Gray, wet, coarse, loose, silty sand with cobble	SM
13						
14						
15						
16						
17					Termination of boring	
18						
19						
20						
21						
22						
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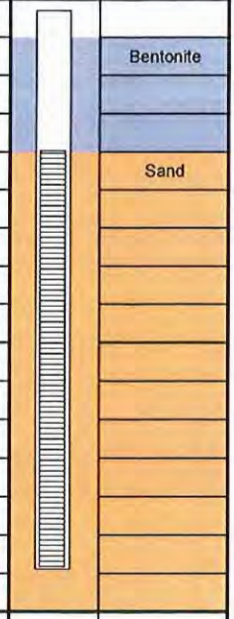

Notes: Well tag ID BJP 634

ECI environmental services
www.ecocononline.com
Anchorage | Tacoma | Portland

Project:	Focused Subsurface Investigation	**Boring ID:**	**GSMW2**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	**0267-07-02**
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification	Well Construction Detail
1			0.0	No odor	Light brown, dry, coarse, loose, silty sand with gravel	SM	
2							Bentonite
3			0.0	No odor	Brown, dry, coarse, loose, silty sand with cobble	SM	
4			0.0	No odor			
5	GSMW2-5	10:15 AM					Sand
6							
7							
8							
9				No odor			
10	GSMW2-10	10:20 AM	14.2	Odor ATD	Brown, wet, coarse, loose, silty sand with cobble	SM	
11							
12			12.3	Odor	Gray, wet, coarse, loose, silty sand with cobble	SM	
13							
14			7.6				
15			0.0	No odor			
16							
17					Termination of boring		
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Well tag ID BJP 635

ECI environmental services
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Project:	Focused Subsurface Investigation	**Boring ID:**	**GSMW3**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	**0267-07-02**
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification	Well Construction Detail
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							Bentonite
3			0.0	No odor	Gray, dry, coarse, loose, silty sand with gravel	SM	
4			8.2	Odor			
5	GSMW3-5	11:10 AM					Sand
6							
7							
8			9.1	Odor			
9							
10	GSMW3-10	11:15 AM	9.8	Odor ATD	Gray, wet, coarse, loose, silty sand with gravel	SM	
11			7.2	Odor			
12			0.0	No odor			
13							
14							
15			0.0	No odor			
16							
17					Termination of boring		
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Well tag ID BJP 636

ECI environmental services
www.ecoononline.com
Anchorage | Tacoma | Portland

Project:	Focused Subsurface Investigation	Boring ID:	GSMW4
Location:	725 East 25th Street, Tacoma, Washington 98424	Project Number:	0267-07-02
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	Drilling Method:	Direct Push
Logged By:	Kaden Reed	Auger ID/OD:	--
Checked By:	David Polivka	Borehole ID/OD:	2 inches
Contractor:	Standard Environmental Probe	Sampler:	Macro Core 5
Operator:	Russel	Hammer Wt./Fall:	--
Boring Location:	See Appendix A, Figure 3	Ground Elevation:	--
Coordinates:	--	Water Depth:	10 feet
Weather:	Overcast	Boring Depth:	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification	Well Construction Detail
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							Bentonite
3			0.0	No odor	Gray, dry, coarse, loose, silty sand with gravel	SM	
4							
5	GSMW4-5	12:50 PM					Sand
6							
7							
8							
9							
10	GSMW4-10	12:55 PM	9.1	Odor ATD	Gray, wet, coarse, loose, silty sand with gravel	SM	
11							
12			8.3	Odor			
13					Unrecoverable due to liquefaction of the soil within the core		
14							
15							
16							
17					Termination of boring		
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Well tag ID BJP 637. The soil from the 13 feet to 16 feet core was unrecoverable due to the liquefied contents emptying out when retrieving the core.

Appendix E – Terrestrial Ecological Evaluation Forms

Appendix E
Terrestrial Ecological Evaluation Forms

eci Environmental Services
Providing Practical Environmental Compliance Solutions
Offices in: Anchorage | Tacoma | Portland

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: Former Texaco Service Station	
Facility/Site Address: 704 Puyallup Avenue	
Facility/Site No:	VCP Project No.:

Step 2: IDENTIFY EVALUATOR			
Please identify below the person who conducted the evaluation and their contact information.			
Name: David Polivka			Title: Senior Hydrogeologist
Organization: ECI, Inc.			
Mailing address: P.O. 153			
City: Fox Island		State: WA	Zip code: 98333
Phone: 360-349-0851	Fax: 253-369-6228	E-mail: david @eci.us	

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2**.*

☐ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☒ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

± "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

"Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☐ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☐ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☐ No issues were identified during the problem formulation step.
- ☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*

☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use? *Check all that apply. See* WAC 173-340-7493(3).

☐ Literature surveys.

☐ Soil bioassays.

☐ Wildlife exposure model.

☐ Biomarkers.

☐ Site-specific field studies.

☐ Weight of evidence.

☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

☐ Confirmed there was no problem.

☐ Confirmed there was a problem and established site-specific cleanup levels.

5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.

Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Appendix F – Project Analytical Datasheets

Appendix E
Project Analytical Datasheets

Providing Practical Environmental Compliance Solutions
Environmental Services

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 6, 2017

David Polivka, Project Manager
EcoCon, Inc.
15 S. Oregon Ave, Suite 110
Tacoma, WA 98409

Dear Mr Polivka:

Included are the results from the testing of material submitted on October 26, 2017 from the 0267-07-02, F&BI 710416 project. There are 39 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Steve Spencer
EMS1106R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 26, 2017 by Friedman & Bruya, Inc. from the EcoCon 0267-07-02, F&BI 710416 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	EcoCon
710416 -01	GSMW1-5
710416 -02	GSMW1-10
710416 -03	GSMW2-5
710416 -04	GSMW2-10
710416 -05	GSMW3-5
710416 -06	GSMW3-10
710416 -07	GSMW4-5
710416 -08	GSMW4-10
710416 -09	B5-5
710416 -10	B5-10
710416 -11	B6-5
710416 -12	B6-10
710416 -13	B7-5
710416 -14	B7-10
710416 -15	B8-5
710416 -16	B8-10

A 6020A internal standard failed the acceptance criteria for several samples due to matrix interferences. The data were flagged accordingly. The samples were diluted and reanalyzed.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/31/17
Date Analyzed: 10/31/17 and 11/01/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-132)
GSMW1-5 710416-01	<0.02	<0.02	<0.02	<0.06	<5	86
GSMW1-10 710416-02	<0.02	<0.02	<0.02	<0.06	<5	86
GSMW2-5 710416-03	<0.02	<0.02	<0.02	<0.06	<5	80
GSMW2-10 710416-04	<0.02	<0.02	<0.02	<0.06	<5	86
GSMW3-5 710416-05	<0.02	<0.02	<0.02	<0.06	<5	84
GSMW3-10 710416-06	<0.02	<0.02	<0.02	<0.06	<5	88
GSMW4-5 710416-07	<0.02	<0.02	<0.02	<0.06	<5	85
GSMW4-10 710416-08	<0.02	<0.02	<0.02	<0.06	6.1	84
B5-5 710416-09 1/10	<0.2	<0.2	11	14	1,500	131
B5-10 710416-10	<0.02	<0.02	<0.02	<0.06	<5	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/31/17
Date Analyzed: 10/31/17 and 11/01/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-132)
B6-5 710416-11	<0.02	<0.02	<0.02	<0.06	<5	83
B6-10 710416-12	<0.02	<0.02	<0.02	<0.06	<5	86
B7-5 710416-13	<0.02	<0.02	<0.02	<0.06	<5	84
B7-10 710416-14	<0.02	<0.02	<0.02	<0.06	<5	86
B8-5 710416-15	<0.02	<0.02	<0.02	<0.06	<5	90
B8-10 710416-16	<0.02	<0.02	<0.02	<0.06	<5	87
Method Blank 07-2364 MB	<0.02	<0.02	<0.02	<0.06	<5	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/27/17
Date Analyzed: 10/27/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
GSMW1-5 710416-01	<50	<250	83
GSMW1-10 710416-02	<50	<250	84
GSMW2-5 710416-03	<50	<250	100
GSMW2-10 710416-04	<50	<250	85
GSMW3-5 710416-05	<50	<250	83
GSMW3-10 710416-06	<50	820	85
GSMW4-5 710416-07	<50	<250	84
GSMW4-10 710416-08	<50	1,100	99
B5-5 710416-09	500 x	<250	85
B5-10 710416-10	<50	<250	84
B6-5 710416-11	<50	<250	84
B6-10 710416-12	<50	<250	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/27/17
Date Analyzed: 10/27/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
B7-5 710416-13	<50	<250	85
B7-10 710416-14	<50	<250	85
B8-5 710416-15	240 x	460	85
B8-10 710416-16	<50	<250	84
Method Blank 07-2402 MB2	<50	<250	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-01
Date Analyzed:	10/30/17	Data File:	710416-01.118
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.36
Chromium	19.7 J
Lead	3.19
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-01 x5
Date Analyzed:	11/01/17	Data File:	710416-01 x5.090
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	21.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-02
Date Analyzed:	10/30/17	Data File:	710416-02.119
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.40
Chromium	20.1 J
Lead	2.97
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-02 x5
Date Analyzed:	11/01/17	Data File:	710416-02 x5.091
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	21.1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-03
Date Analyzed:	10/30/17	Data File:	710416-03.120
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.15
Chromium	21.9 J
Lead	7.59
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-03 x5
Date Analyzed:	11/01/17	Data File:	710416-03 x5.092
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	23.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-04
Date Analyzed:	10/30/17	Data File:	710416-04.121
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.49
Chromium	24.6 J
Lead	3.63
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-04 x5
Date Analyzed:	11/02/17	Data File:	710416-04 x5.052
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.5

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-05
Date Analyzed:	10/30/17	Data File:	710416-05.122
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.59
Chromium	21.6 J
Lead	3.12
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-05 x5
Date Analyzed:	11/02/17	Data File:	710416-05 x5.053
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	22.1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-06
Date Analyzed:	10/30/17	Data File:	710416-06.123
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.69
Chromium	25.8 J
Lead	3.72
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-06 x5
Date Analyzed:	11/02/17	Data File:	710416-06 x5.054
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	25.3

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-07
Date Analyzed:	10/30/17	Data File:	710416-07.124
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.10
Chromium	27.7 J
Lead	4.01
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-07 x5
Date Analyzed:	11/02/17	Data File:	710416-07 x5.055
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	26.8

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-08
Date Analyzed:	10/30/17	Data File:	710416-08.130
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.58
Chromium	28.6 J
Lead	9.81
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-08 x5
Date Analyzed:	11/02/17	Data File:	710416-08 x5.056
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	28.2

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-09
Date Analyzed:	10/30/17	Data File:	710416-09.131
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.97
Chromium	19.7 J
Lead	6.53
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-09 x5
Date Analyzed:	11/02/17	Data File:	710416-09 x5.065
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	20.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-10
Date Analyzed:	10/30/17	Data File:	710416-10.132
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.79
Chromium	28.8 J
Lead	3.93
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-10 x5
Date Analyzed:	11/02/17	Data File:	710416-10 x5.066
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	29.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B6-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-11
Date Analyzed:	10/30/17	Data File:	710416-11.133
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.86
Chromium	23.2
Lead	3.13
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	B6-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-12
Date Analyzed:	10/30/17	Data File:	710416-12.134
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.94
Chromium	24.0 J
Lead	5.17
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B6-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-12 x5
Date Analyzed:	11/02/17	Data File:	710416-12 x5.067
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B7-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-13
Date Analyzed:	10/30/17	Data File:	710416-13.135
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.03
Chromium	18.0
Lead	3.94
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B7-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-14
Date Analyzed:	10/30/17	Data File:	710416-14.136
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.12
Chromium	23.8 J
Lead	4.93
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B7-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-14 x5
Date Analyzed:	11/02/17	Data File:	710416-14 x5.068
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B8-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-15
Date Analyzed:	10/30/17	Data File:	710416-15.137
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	13.8
Chromium	17.5
Lead	13.2
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B8-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-16
Date Analyzed:	10/30/17	Data File:	710416-16.138
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.87
Chromium	17.8 J
Lead	2.54
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B8-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-16 x5
Date Analyzed:	11/02/17	Data File:	710416-16 x5.069
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	19.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	Method Blank	Client:	EcoCon
Date Received:	NA	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	I7-608 mb
Date Analyzed:	10/30/17	Data File:	I7-608 mb.077
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Chromium	<1
Lead	<1
Mercury	<1

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 710416-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	91	66-121
Toluene	mg/kg (ppm)	0.5	92	72-128
Ethylbenzene	mg/kg (ppm)	0.5	99	69-132
Xylenes	mg/kg (ppm)	1.5	97	69-131
Gasoline	mg/kg (ppm)	20	85	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 710419-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	14,000	29 b	15 b	73-135	64 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020A

Laboratory Code: 710455-04 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	104	102	75-125	2
Chromium	mg/kg (ppm)	50	19.9	108	99	75-125	9
Lead	mg/kg (ppm)	50	16.9	98	102	75-125	4
Mercury	mg/kg (ppm	5	<5	98	103	75-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	105	80-120
Chromium	mg/kg (ppm)	50	112	80-120
Lead	mg/kg (ppm)	50	106	80-120
Mercury	mg/kg (ppm)	5	91	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

710416

SAMPLE CHAIN OF CUSTODY

ME 10-26-17

BIY / VBY

Page # 1 of 2

Send Report To David Polivka + Stephen Spencer

Company ECI

Address PO Box 157

City, State, ZIP Fox Island, WA 98333

Phone # Fax #

Email Address David@ecocon.us SSpencer@ecocon.us

SAMPLERS (signature)

PROJECT NAME/NO. 0267.07-02

PO # 0267-07-02

PROJECT ADDRESS

· ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel + Oil	TPH-Gasoline	BTEX by 8021B + GAS	VOCs by 8260	SVOCs by 8270	HFS	Total Arsenic, Chromium	Total Pb, Mercury				Notes
GSMW1-5	01A-F	10/25/17	0910	S	6	X		X				X	X				
GSMW1-10	02		0915														
GSMW2-5	03		1015														
GSMW2-10	04		1020														
GSMW3-5	05		1110														
GSMW3-10	06		1115														
GSMW4-5	07		1250														
GSMW4-10	08		1255														
B5-5	09		1320														
B5-10	10		1325														

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Kaylee Reed	ECI	10/26/17	0815
Received by:	D Smith	D Smith	FedEx SDC	10/26	9:15am
Relinquished by:					
Received by:		Nhan Phan	FCBI	10/26/17	11:08

Samples received at 1 °C

710416

SAMPLE CHAIN OF CUSTODY

ME 10-26-17

BEH/1/84

Page 1 of 2

Send Report To David Polivka & Stephen Spencer

Company ECI

Address

City, State, ZIP

Phone # Fax #

Email Address

SAMPLERS (signature)

PROJECT NAME/NO. 0267-07-02

PO # 0267-07-02

PROJECT ADDRESS

ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH

Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel + OIL	TPH-Gasoline	BTEX by 8021B + GAS	VOCs by 8260	SVOCs by 8270	HFS	Total Arsenic + Chromium	Total Pb + mercury				Notes
B6-5	11 A-F	10/25/17	1400	S	6	X		X				X	X				
B6-10	12		1405														
B7-5	13		1425														
B7-10	14		1430														
B8-5	15		1445														
B8-10	16		1450														

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

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	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Kaden Reed	ECI	10/26/17	0915
Received by:	S Smith	S Smith	FedEx Sbc	10/26/17	9:15 am
Relinquished by:					
Received by:		Nhan Phan	FaBI	10/26/17	1108

Samples received at 1 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 10, 2017

David Polivka, Project Manager
EcoCon, Inc.
15 S. Oregon Ave, Suite 110
Tacoma, WA 98409

Dear Mr Polivka:

Included are the results from the testing of material submitted on November 2, 2017 from the 0267-07-02, F&BI 711049 project. There are 19 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Steve Spencer
EMS1110R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 2, 2017 by Friedman & Bruya, Inc. from the EcoCon 0267-07-02, F&BI 711049 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	EcoCon
711049 -01	GSMW1
711049 -02	GSMW2
711049 -03	GSMW3
711049 -04	GSMW4

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049
Date Extracted: 11/02/17
Date Analyzed: 11/03/17

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
GSMW1 711049-01	<1	<1	<1	<3	<100	92
GSMW2 711049-02	<1	<1	<1	<3	<100	90
GSMW3 711049-03	<1	3.4	<1	<3	230	86
GSMW4 711049-04	<1	1.8	<1	<3	130	89
Method Blank 07-2448 MB	<1	<1	<1	<3	<100	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049
Date Extracted: 11/03/17
Date Analyzed: 11/03/17

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-134)
GSMW1 711049-01 1//1.4	<70	<350	88
GSMW2 711049-02 1/1.6	<80	<400	82
GSMW3 711049-03 1/1.4	120 x	<350	87
GSMW4 711049-04 1/1.5	78 x	<380	82
Method Blank 07-2469 MB2	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-01
Date Analyzed:	11/08/17	Data File:	711049-01.079
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	19.0
Chromium	17.1
Lead	33.9
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-02
Date Analyzed:	11/08/17	Data File:	711049-02.082
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	17.3
Chromium	42.3 J
Lead	38.9
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-02 x10
Date Analyzed:	11/09/17	Data File:	711049-02 x10.066
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Chromium	56.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-03
Date Analyzed:	11/08/17	Data File:	711049-03.083
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	5.81
Chromium	21.7
Lead	5.64
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-04
Date Analyzed:	11/08/17	Data File:	711049-04.084
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	21.6
Chromium	34.8
Lead	13.1
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	Method Blank	Client:	EcoCon
Date Received:	NA	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	I7-628 mb
Date Analyzed:	11/08/17	Data File:	I7-628 mb.077
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1
Chromium	<1
Lead	<1
Mercury	<1

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW1 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-01
Date Analyzed:	11/07/17	Data File:	711049-01.049
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW2 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-02
Date Analyzed:	11/07/17	Data File:	711049-02.052
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW3 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-03
Date Analyzed:	11/07/17	Data File:	711049-03.053
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW4 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-04
Date Analyzed:	11/07/17	Data File:	711049-04.054
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	Method Blank f	Client:	EcoCon
Date Received:	NA	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	I7-623 mb
Date Analyzed:	11/07/17	Data File:	I7-623 mb.047
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Laboratory Code: 711049-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	104	65-118
Toluene	ug/L (ppb)	50	102	72-122
Ethylbenzene	ug/L (ppb)	50	108	73-126
Xylenes	ug/L (ppb)	150	103	74-118

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	94	91	58-134	3

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 6020A

Laboratory Code: 711049-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	19.0	84	92	75-125	9
Chromium	ug/L (ppb)	20	17.1	92	100	75-125	8
Lead	ug/L (ppb)	10	33.9	90	106	75-125	16
Mercury	ug/L (ppb)	5	<1	80	81	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	88	80-120
Chromium	ug/L (ppb)	20	95	80-120
Lead	ug/L (ppb)	10	101	80-120
Mercury	ug/L (ppb)	5	94	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED METALS USING EPA METHOD 6020A

Laboratory Code: 711049-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	ug/L (ppb)	10	<1	89	90	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	ug/L (ppb)	10	102	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

711049

SAMPLE CHAIN OF CUSTODY

ME 11-02-17 VW6/AE2/ABY

Page # 1 of 1

Report To David Polivka + Stephen Spencer

Company ECI

Address PO Box 153

City, State, ZIP Fox Island, WA 98333

Phone Email David@ecocon.us sspencer@ecocon.us

SAMPLERS (signature)

PROJECT NAME 0267-07-02

PO # 0267-07-02

REMARKS

INVOICE TO

TURNAROUND TIME
- ☒ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

ANALYSES REQUESTED

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel + OIL	TPH-Gasoline	BTEX by 8021B + CAB	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	Total Arsenic + lead	Total Chromium	Total Mercury	Dissolved Lead	Notes
GSMW1	01 A-E	11/1/17	1300	W	5		X		X				X	X	X	*	* per KR 11/2/17
GSMW2	02	11/1/17	1340	W	5		X		X				X	X	X	*	
GSMW3	03	11/1/17	1420	W	5		X		X				X	X	X	*	
GSMW4	04	11/1/17	1500	W	5		X		X				X	X	X	*	

Samples received at 2 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: David A. Polivka	David A Polivka	ECI	~~11/1~~ 11/2	9:35
Received by:	Genesse Orlean	Fed ex	11/2	9:35
Relinquished by:				
Received by:	Nhan Phan	FEBI	11/2/17	12:00

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

January 11, 2018

Electronic Copy

Mr. Joe Carmen
C/o Spencer & Associates
1326 Tacoma Avenue South
Tacoma, WA 98402

Re: Acceptance of VCP Application for the following Contaminated Site:

- **Site Name:** Former Texaco Service Station
- **Site Address:** 704 Puyallup Ave Tacoma, 98421 Pierce
- **Cleanup Site ID:** 14432
- **Facility/Site ID:** 78349
- **VCP Project ID:** SW1633

Dear Mr. Carmen:

The Department of Ecology (Ecology) has accepted your Voluntary Cleanup Program (VCP) application for Former Texaco Service Station (Site). We applaud your initiative and welcome your interest in the VCP. This letter confirms your entry into the VCP and provides important information on how we will manage the VCP Cleanup Project (Project) and the Site.

Agreement

Ecology has completed and signed the VCP Agreement governing the Project on **January 10, 2018**. This is the effective date of the Agreement. **Enclosure A** includes a copy of the Agreement. Please review it carefully.

Identification

Ecology has assigned a unique name and number to the **Site**. We have also assigned a unique number to your **Project** at the Site. You can find this information in the box at the bottom of the first page of the Agreement. When contacting us, please use this information to identify your Project.

Designated Managers
Please direct communications between Ecology and Spencer Law Firm through the designated managers to the maximum extent possible.

- **Ecology**

We have designated the following site manager to respond to your requests:

Jason Cook
Department of Ecology
Toxic Cleanup Program,
Headquarters
300 Desmond Drive SE
Lacey, WA 98504
Phone: 360-407-6834
E-mail: Jason.Cook@ecy.wa.gov

- **Spencer Law Firm**

  The application designated you, Joe Carmen as the project manager for Spencer Law Firm. We will therefore respond only to your requests. If someone replaces you as the project manager or your contact information changes, please submit a Change of Contact Form. You can download the Form from our VCP web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

Requests for Written Opinions

In your application, you requested an opinion on the November 15, 2017 Remedial Investigation Report. Ecology will review the documents you submitted and provide you a written response within about 90 days.

Reporting Requirements

When requesting written opinions on planned or completed remedial actions, please comply with the following reporting requirements:

- **Licensing.** You must submit documents containing geologic, hydrologic, or engineering work under the seal of an appropriately licensed professional, as required by Chapters 18.43 and 18.220 RCW.

- **Data Submittal.** You must submit environmental sampling data in both a printed form and an electronic form capable of being transferred into our Environmental Information Management (EIM) system. For an overview of data submittal requirements, please refer to **Enclosure B**, which includes a copy of Toxics Cleanup Program Policy 840. For instructions on how to submit data, please refer to the following web site: www.ecy.wa.gov/programs/tcp/data_submittal/data_requirements.htm.

Failure to comply with these requirements may result in unnecessary delays.

Payment

Ecology will send monthly invoices to the billing contact designated in the Application Form. If someone replaces the billing contact or their contact information changes, please submit a Change of Contact Form. You can find the Form on the VCP web site.

The invoice will include a summary of the costs incurred, payments received, identity of staff involved, and the amount of time spent on the Project during the previous month. Payment is due within thirty days of the invoice date. For more information on the billing system, please refer to the VCP web site.

Site Status

Under the Model Toxics Control Act (MTCA), Ecology maintains a list of contaminated sites. Based on your VCP application, Ecology has determined that remedial action is required at the Site under MTCA and has added the Site to the list. Your cooperation in planning or conducting remedial actions at the Site is appreciated and is not an admission of guilt or liability. This "Early Notice" is required under WAC 173-340-310(6)(b).

Contact Information

We are committed to working with you to accomplish the prompt and effective cleanup of the Site. Again, if you have any questions about the VCP or your Project, please contact Jason Cook at 360-407-6834.

Sincerely,

Nicholas Acklam
VCP Unit Manager
Toxics Cleanup Program, Southwest Regional Office

NA: kb

Enclosures (2): A – Copy of VCP Agreement
B – Toxics Cleanup Program Policy 840: Data Submittal Requirements

By certified mail: [91 7199 9991 7037 7471 8965]

cc: David Polivka, ECI Environmental Consulting
Landmark Tacoma I/Landmark Tacoma II LLC
Nicholas Acklam, Ecology
Stephanie Bussell, Ecology
Jason Cook, Ecology

Enclosure A

VCP Agreement

VCP AGREEMENT

DEPARTMENT OF ECOLOGY State of Washington

INSTRUCTIONS: Submit this Agreement (original) to Ecology as part of your Application. Before submitting, enter the Customer's name and the Site's address on the first page and sign the Agreement on the second page. If your Application is accepted, then Ecology will do the following: 1) identify the Site and VCP project in the box below; 2) sign the Agreement; and 3) send you a copy of the completed Agreement.

This document constitutes an Agreement between the State of Washington Department of Ecology (Ecology) and Mr. Joe Carmen C/o Spencer Law Firm (Customer) to provide informal site-specific technical consultations under the Voluntary Cleanup Program (VCP) for the Site identified below and associated with the following address: Former Texaco Service Station 704 Puyallup Avenue Tacoma, WA.

The purpose of this Agreement is to facilitate independent remedial action at the Site. Ecology is entering into this Agreement under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC. If a term in this Agreement is defined in MTCA or Chapter 173-340 WAC, then that definition shall govern.

Services Provided by Ecology

Upon request, Ecology agrees to provide the Customer informal site-specific technical consultations on the independent remedial actions proposed for or performed at the Site consistent with WAC 173-340-515(5). Those consultations may include assistance in identifying applicable regulatory requirements and opinions on whether the remedial actions proposed for or conducted at the Site meet those requirements.

Ecology may use any appropriate resource to provide the Customer with the requested consultative services. Those resources may include, but shall not be limited to, those of Ecology and the Office of the Attorney General. However, Ecology shall not use independent contractors unless the Customer provides Ecology with prior written authorization.

In accordance with RCW 70.105D.030(1)(i), any opinions provided by Ecology under this Agreement are advisory only and not binding on Ecology. Ecology, the state, and officers and employees of the state are immune from all liability. Furthermore, no cause of action of any nature may arise from any act or omission in providing, or failing to provide, informal advice and assistance under the VCP.

Payment for Services by Customer

The Customer agrees to pay all costs incurred by Ecology in providing the informal site-specific technical consultations requested by the Customer consistent with WAC 173-340-515(6) and 173-340-550(6). Those costs may include the costs incurred by attorneys or independent contractors used by Ecology to provide the requested consultative services. Ecology's hourly costs shall be determined based on the method in WAC 173-340-550(2).

Ecology shall mail the Customer a monthly itemized statement of costs (invoice) by the tenth day of each month (invoice date) that there is a balance on the account. The invoice shall include a summary of the costs incurred, payments received, identity of staff involved, and amount of time staff spent on the project.

The Customer shall pay the required amount by the due date, which shall be thirty (30) calendar days after the invoice date. If payment has not been received by the due date, then Ecology shall withhold

FOR COMPLETION BY ECOLOGY ONLY	
Facility / Site Name:	Former Texaco Service Station
Facility / Site No.:	78349
VCP Project No.:	SW1633

RECEIVED
DEC 29 2017
WA State Department of Ecology (SWRO)

SW1633

any requested opinions and notify the Customer by certified mail that the debt is past due. If payment has not been received within sixty (60) calendar days of the invoice date, then Ecology shall stop all work under the Agreement and may, as appropriate, assign the debt to a collection agency under Chapter 19.16 RCW. The Customer agrees to pay the collection agency fee incurred by Ecology in the course of debt collection.

Reservation of Rights / No Settlement

This Agreement does not constitute a settlement of liability to the state under MTCA. This Agreement also does not protect a liable person from contribution claims by third parties for matters addressed by the Agreement. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). Ecology's signature on this Agreement in no way constitutes a covenant not to sue or a compromise of any Ecology rights or authority.

Ecology reserves all rights under MTCA, including the right to require additional or different remedial actions at the Site should it deem such actions necessary to protect human health and the environment, and to issue orders requiring such remedial actions. Ecology also reserves all rights regarding the injury to, destruction of, or loss of natural resources resulting from the release or threatened release of hazardous substances at the Site.

Effective Date, Modifications, and Severability

The effective date of this Agreement shall be the date on which this Agreement is signed by the Toxics Cleanup Program's Section Manager or delegated representative. This Agreement may be amended by mutual agreement of Ecology and the Customer. Amendments shall be in writing and shall be effective when signed by the Toxics Cleanup Program's Section Manager or delegated representative. If any provision of this Agreement proves to be void, it shall in no way invalidate any other provision of this Agreement.

Termination of Agreement

Either party may terminate this Agreement without cause by sending written notice by U.S. mail to the other party. The effective date of termination shall be the date Ecology sends notice to the Customer or the date Ecology receives notice from the Customer, whichever occurs first. Unless otherwise directed, issuance of a No Further Action opinion, either for the Site as a whole or for a portion of the real property located within the Site, shall constitute notice of termination by Ecology.

Under this Agreement, the Customer is only responsible for costs incurred by Ecology before the effective date of termination. However, termination of this Agreement shall not affect any right Ecology may have to recover its costs under MTCA or any other provision of law.

Representations and Signatures

The undersigned representative of the Customer hereby certifies that he or she is fully authorized to enter into this Agreement and to execute and legally bind the Customer to comply with the Agreement.

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Rebecca S. Lawson
Signature

REBECCA S. LAWSON
Printed Name

Section Manager, SWRO
Toxics Cleanup Program *Section*

Date: 1/10/2018

Mr. Joe Carmen C/o Spencer Law Firm
Name of Customer

Signature

John Spencer POA
Printed Name of Signatory

POA
Title of Signatory

Date: December 27 2017

If you need this document in an alternative format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Enclosure B

Toxics Cleanup Program Policy 840
Data Submittal Requirements

UNITED STATES POSTAL SERVICE

Date: June 4, 2018

Dept of Ecology:

The following is in response to your June 4, 2018 request for delivery information on your Certified Mail™ item number 9171999991703774718965. The delivery record shows that this item was delivered on January 16, 2018 at 2:25 pm in TACOMA, WA 98402. The scanned image of the recipient information is provided below.

Signature of Recipient :

Signature X	Kelly Mellond
Printed Name	Kelly Mellond

Address of Recipient :

Delivery Address	1326 TACOMA AVE S Ste 2

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely,
United States Postal Service

VCP AGREEMENT

DEPARTMENT OF ECOLOGY State of Washington

INSTRUCTIONS: Submit this Agreement (original) to Ecology as part of your Application. Before submitting, enter the Customer's name and the Site's address on the first page and sign the Agreement on the second page. If your Application is accepted, then Ecology will do the following: 1) identify the Site and VCP project in the box below; 2) sign the Agreement; and 3) send you a copy of the completed Agreement.

This document constitutes an Agreement between the State of Washington Department of Ecology (Ecology) and Mr. Joe Carmen C/o Spencer Law Firm (Customer) to provide informal site-specific technical consultations under the Voluntary Cleanup Program (VCP) for the Site identified below and associated with the following address: Former Texaco Service Station 704 Puyallup Avenue Tacoma, WA .

The purpose of this Agreement is to facilitate independent remedial action at the Site. Ecology is entering into this Agreement under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC. If a term in this Agreement is defined in MTCA or Chapter 173-340 WAC, then that definition shall govern.

Services Provided by Ecology

Upon request, Ecology agrees to provide the Customer informal site-specific technical consultations on the independent remedial actions proposed for or performed at the Site consistent with WAC 173-340-515(5). Those consultations may include assistance in identifying applicable regulatory requirements and opinions on whether the remedial actions proposed for or conducted at the Site meet those requirements.

Ecology may use any appropriate resource to provide the Customer with the requested consultative services. Those resources may include, but shall not be limited to, those of Ecology and the Office of the Attorney General. However, Ecology shall not use independent contractors unless the Customer provides Ecology with prior written authorization.

In accordance with RCW 70.105D.030(1)(i), any opinions provided by Ecology under this Agreement are advisory only and not binding on Ecology. Ecology, the state, and officers and employees of the state are immune from all liability. Furthermore, no cause of action of any nature may arise from any act or omission in providing, or failing to provide, informal advice and assistance under the VCP.

Payment for Services by Customer

The Customer agrees to pay all costs incurred by Ecology in providing the informal site-specific technical consultations requested by the Customer consistent with WAC 173-340-515(6) and 173-340-550(6). Those costs may include the costs incurred by attorneys or independent contractors used by Ecology to provide the requested consultative services. Ecology's hourly costs shall be determined based on the method in WAC 173-340-550(2).

Ecology shall mail the Customer a monthly itemized statement of costs (invoice) by the tenth day of each month (invoice date) that there is a balance on the account. The invoice shall include a summary of the costs incurred, payments received, identity of staff involved, and amount of time staff spent on the project.

The Customer shall pay the required amount by the due date, which shall be thirty (30) calendar days after the invoice date. If payment has not been received by the due date, then Ecology shall withhold

FOR COMPLETION BY ECOLOGY ONLY	
Facility / Site Name:	Former Texaco Service Station
Facility / Site No.:	78349
VCP Project No.:	SW1633

RECEIVED DEC 29 2017 WA State Department of Ecology (SWRO)

SW1633

any requested opinions and notify the Customer by certified mail that the debt is past due. If payment has not been received within sixty (60) calendar days of the invoice date, then Ecology shall stop all work under the Agreement and may, as appropriate, assign the debt to a collection agency under Chapter 19.16 RCW. The Customer agrees to pay the collection agency fee incurred by Ecology in the course of debt collection.

Reservation of Rights / No Settlement

This Agreement does not constitute a settlement of liability to the state under MTCA. This Agreement also does not protect a liable person from contribution claims by third parties for matters addressed by the Agreement. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). Ecology's signature on this Agreement in no way constitutes a covenant not to sue or a compromise of any Ecology rights or authority.

Ecology reserves all rights under MTCA, including the right to require additional or different remedial actions at the Site should it deem such actions necessary to protect human health and the environment, and to issue orders requiring such remedial actions. Ecology also reserves all rights regarding the injury to, destruction of, or loss of natural resources resulting from the release or threatened release of hazardous substances at the Site.

Effective Date, Modifications, and Severability

The effective date of this Agreement shall be the date on which this Agreement is signed by the Toxics Cleanup Program's Section Manager or delegated representative. This Agreement may be amended by mutual agreement of Ecology and the Customer. Amendments shall be in writing and shall be effective when signed by the Toxics Cleanup Program's Section Manager or delegated representative. If any provision of this Agreement proves to be void, it shall in no way invalidate any other provision of this Agreement.

Termination of Agreement

Either party may terminate this Agreement without cause by sending written notice by U.S. mail to the other party. The effective date of termination shall be the date Ecology sends notice to the Customer or the date Ecology receives notice from the Customer, whichever occurs first. Unless otherwise directed, issuance of a No Further Action opinion, either for the Site as a whole or for a portion of the real property located within the Site, shall constitute notice of termination by Ecology.

Under this Agreement, the Customer is only responsible for costs incurred by Ecology before the effective date of termination. However, termination of this Agreement shall not affect any right Ecology may have to recover its costs under MTCA or any other provision of law.

Representations and Signatures

The undersigned representative of the Customer hereby certifies that he or she is fully authorized to enter into this Agreement and to execute and legally bind the Customer to comply with the Agreement.

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Rebecca S. Lawson
Signature

REBECCA S. LAWSON
Printed Name

Section Manager, SWRO
Toxics Cleanup Program *Section*

Date: 1/10/2018

Mr. Joe Carmen C/o Spencer Law Firm
Name of Customer

Signature

John Spencer, POA
Printed Name of Signatory

POA
Title of Signatory

Date: December 27 2017

If you need this document in an alternative format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

APPLICATION FORM

Under the Voluntary Cleanup Program (VCP), the Department of Ecology (Ecology) may provide informal site-specific technical consultations to persons conducting independent remedial actions at a hazardous waste site. Ecology may provide such consultations under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC.

To enter the VCP, complete and submit to Ecology a VCP Application. The Application consists of the following two documents:

1. Application Form (including required attachments). ← THIS DOCUMENT
2. Agreement.

For guidance on how to complete your Application, please refer to the Application Instructions, which are available separately on the VCP web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

Part 1 - ADMINISTRATION

A. Customer Information. The Customer is the person or organization requesting services from Ecology under the VCP, and is responsible for paying the costs incurred by Ecology. The authority and duty of the Customer are explained in the Agreement.

Name of Customer: Mr. Joe Carmen C/o Spencer & Associates

What type of entity is the Customer?

☒ Person — *If the Customer is a **"person,"** then the Customer shall serve as both the Project Manager and the Project Billing Contact. Please identify this person and their contact information in both Parts 1B and 1C.*

☐ Organization — *If the Customer is an **"organization,"** then please identify the Project Manager in Part 1B and the Project Billing Contact in Part 1C. **Both persons must be employed by the Customer organization.***

What is the Customer's involvement at the Site? Please check all that apply.

- ☐ Property owner
- ☒ Past property owner
- ☐ Future property owner
- ☐ Property lessee
- ☐ Other – please specify: _____
- ☐ Business owner (operator)
- ☐ Mortgage holder
- ☐ Consultant
- ☐ Attorney

If not the current property owner, is the Customer acting as the agent for the property owner?

☐ Yes ☒ No

If not the current property owner, is the Customer authorized to grant access to the property?

☒ Yes ☐ No

TCP SWRO ID # SW1633

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DEC 29 2017
WA State Department of Ecology (SWRO)

Part 1 – ADMINISTRATION continued

B. Project Manager Information. Ecology will send this person all official correspondence. This person must either be the Customer or be employed by the Customer. This person may not be an independent contractor hired by the Customer. Please enter the required information below.

Name: Mr. Joe Carmen C/o Spencer & Associates		Title:
Mailing address: 1326 Tacoma Avenue South		
City: Tacoma	State: WA	Zip: 98402
Phone: 253-383-2770	Fax:	E-mail: jspencer@spencer-lawfirm.com

C. Project Billing Contact Information. Ecology will send this person monthly invoices. This person must either be the Customer or be employed by the Customer. This person may not be an independent contractor hired by the Customer. Please enter the required information below.

Name: Mr. Joe Carmen C/o Spencer & Associates		Title:
Mailing address: 1326 Tacoma Avenue South		
City: Tacoma	State: WA	Zip: 98402
Phone: 253-383-2770	Fax:	E-mail:

D. Project Consultant Information.

Is the Customer a consultant?

☐ Yes *If you answered **"YES,"** then skip to the next question.*

☒ No *If you answered **"NO"** and the Customer hired a consultant to conduct the independent remedial action, then enter the required information below.*

Name: David Polivka		Title: Senior Hydrogeologist
Organization: ECI Environmental Consulting		
Mailing address: P.O. 153		
City: Fox Island	State: WA	Zip: 98333
Phone: 360-349-0851	Fax:	E-mail: david@ecocon.us

Do you want Ecology to contact the Project Consultant?

☒ Yes ☐ No

E. Property Owner Information.

Is the Customer the owner of the property where independent remedial action is being conducted?

☐ Yes *If you answered **"YES,"** then enter the type of entity and skip to the next question.*

☒ No *If you answered **"NO,"** then please enter all of the required information below.*

Name:		Title:
Organization: Landmark Tacoma I/Landmark Tacoma II LLC		
Mailing address: 406 E 4TH ST		
City: Winston-Salem	State: NC	Zip: 27101-4112
Phone:	Fax:	E-mail:

Part 1 – ADMINISTRATION continued

What type of entity is the property owner? Please check only one.

- ☒ Private
- ☐ Tribal
- ☐ Federal
- ☐ State
- ☐ Other – please specify: _____
- ☐ County
- ☐ Municipal
- ☐ Mixed
- ☐ Public School

F. Request for Written Opinion.

Are you requesting a written opinion at this time?

☒ Yes ☐ No

If you answered **"YES,"** on what planned or completed remedial actions do you want a written opinion?

Remedial Investigation

Please attach to this Application any additional remedial action plans or reports you want Ecology to review. Ecology will base its opinion on the information contained in the Site file, including any information attached to this Application.

If you answered **"NO,"** please explain why you are enrolling in the VCP at this time and when you expect to request a written opinion from Ecology.

Attach additional pages if necessary.

G. Reporting Requirements.

Please comply with the following reporting requirements when requesting written opinions on planned or completed remedial actions:

- ☐ **Licensing.** Documents submitted containing geologic, hydrologic, or engineering work must be under the seal of an appropriately licensed professional, as required by Chapters 18.43 and 18.220 RCW.
- ☐ **Data Submittal.** Environmental sampling data must be submitted in both a printed form and an electronic form capable of being transferred into Ecology's data management systems. For instructions on how to submit the data, please refer to the following Ecology web site: www.ecy.wa.gov/programs/tcp/data_submittal/Data_Requirements.htm.

Failure to comply with these requirements may result in unnecessary delays. **Ecology will not issue a No Further Action (NFA) opinion unless these requirements are satisfied.**

Part 2 - DESCRIPTION OF THE SITE

A. Name of the Site. If Ecology has already identified the Site, enter the name provided by Ecology. Otherwise, enter a suggested name for the Site. You may also include an alternate name.

Name: Former Texaco Service Station

Alternate Name:

B. Location of Property where the Releases Occurred (Source Property).

The "source property" is the property where hazardous substances were released into the environment. For example, if petroleum was released from a leaking UST, the source property is the property where the UST was located.

Do you know on which property the releases occurred?

☒ Yes — *If you answered **"YES,"** then please refer to the source property when answering the following questions.*

☐ No — *If you answered **"NO,"** then please refer to the property addressed by your remedial action (cleanup) when answering the following questions.*

Physical Address. Please enter the physical address of the property below.

Street Address: 704 Puyallup Avenue		
City: Tacoma	State: WA	Zip: 98421

Geographic Position. Please enter the geographical position of the property below. For additional guidance on how to complete this part, please refer to instructions on the VCP web site.

COORDINATES	LATITUDE:	Degrees: 47	Minutes: 14	Seconds: 27.34
	LONGITUDE :	Degrees: -122	Minutes: 25	Seconds: 28.30
LOCATION ON PROPERTY: [e.g., point of release or center of parcel]		Center of Parcel		
COLLECTION METHOD: [e.g., GPS or address matching]		Google Earth		
COLLECTION SOURCE: [i.e., map scale]		Google Earth		
HORIZONTAL DATUM: [i.e., base reference for coordinate system]				
ACCURACY LEVEL: [i.e., +/- feet or meters]				

Legal Descriptions.

TRS DATA:	Township: 20N	3E	9	Quarter-Quarter: NE-NE
TAX PARCEL #(S):	2074280010			

Part 2 - DESCRIPTION OF THE SITE continued

C. Identification of Properties affected by the Releases (Affected Properties).

An "affected property" is a property affected by the release of hazardous substances on the source property. For example, petroleum released from a leaking UST on one property (source property) may migrate through the soil or ground water onto an adjacent property (affected property).

Do any of the releases affect any properties adjacent to the source property?

☐ Yes — *If you answered **"YES,"** then please identify below each property that you know has been affected by the releases on the source property. If you need to identify additional properties, please attach additional pages.*

☐ No — *If you answered **"NO,"** then skip to the next question.*

☒ Unknown — *If you answered **"UNKNOWN,"** then skip to the next question.*

1.	Address:
	Tax Parcel(s):
2.	Address:
	Tax Parcel(s):
3.	Address:
	Tax Parcel(s):
4.	Address:
	Tax Parcel(s):

D. Identification of Public Right-of-Ways affected by the Releases.

Do any of the releases affect any public right-of-ways (e.g., streets)?

☐ Yes ☐ No ☒ Unknown

If you answered **"YES"** above, please specify below. Otherwise, skip to the next question.

_____

_____

_____

Attach additional pages if necessary.

E. Extent of the Site.

What is the approximate areal extent of the Site? Please check only one.

☒ < 5,000 square feet
☐ > 5,000 square feet, but < 1 acre
☐ > 1 acre, but < 10 acres
☐ > 10 acres
☐ Unknown

Part 2 - DESCRIPTION OF THE SITE continued

F. Description of Release(s) at the Site.

Source of Release(s).

What are the source(s) of the release(s) at the Site? Please check all that apply.

- ☒ Point source (e.g., leaking tank)
- ☐ Non-point source (e.g., contaminated soil used as fill)
- ☐ Area-wide lead and arsenic soil contamination (see questions below)
- ☐ Other – please specify: _____
- ☐ Unknown

To the extent known, please describe the source(s) of the release(s):

Leaking Underground Storage Tanks

Attach additional pages if necessary.

Circumstances of Release(s). To the extent known, please describe below the circumstances of the release(s).

Unknown

Attach additional pages if necessary.

Circumstances of Release Discovery. To the extent known, please describe below the circumstances of the discovery of the release(s).

Found during removal of the USTs

Attach additional pages if necessary.

Part 2 - DESCRIPTION OF THE SITE continued

Area-Wide Soil Contamination. For information about the area-wide soil contamination project, please refer to the following web site: www.ecy.wa.gov/programs/tcp/area_wide/area_wide_hp.html. For information about the Tacoma Smelter Plume (TSP) and the associated Management Plan, please refer to the following web site: www.ecy.wa.gov/programs/tcp/sites/tacoma_smelter/ts_hp.htm.

Is the Site located within an area affected by smelter emissions, such as the TSP area?

☒ Yes ☐ No ☐ Unknown

To determine whether your Site is located within the TSP area, please refer to the map on the TSP web site identified above.

Is the Site located on a former apple or pear orchard in operation prior to 1947?

☐ Yes ☒ No ☐ Unknown

Is the Site impacted by area-wide arsenic and/or lead soil contamination?

☒ Yes ☐ No ☐ Unknown

G. Nature and Extent of Hazardous Substances Released at the Site. The following questions refer to conditions after the release, but prior to any cleanup, of the hazardous substances at the Site.

Hazardous Substances and Affected Media. To the extent known, please identify in the following table the hazardous substances released at the Site and the media (e.g., soil) impacted by those substances. Use the codes at the bottom of the table.

Hazardous Substance	Affected Media				
	Soil	Ground Water	Surface Water	Sediment	Air
EXAMPLE: Benzene	C	S	N/A	N/A	B
Gasoline	C	C			
Benzene	O	O			
Ethylbenzene	C	O			
Toluene	B	B			
Xylenes	C	O			
Total Lead	B	C			
Dissolved Lead		O			
Total Arsenic	B	C			
Dissolved Arsenic		N/A			
Total Chromium	B	C			
Dissolved Chromium		N/A			

When identifying the affected media in the table above, please use one of the following codes:

- C = confirmed, above cleanup level
- B = confirmed, below cleanup level
- O = confirmed, not present
- S = suspected
- N/A = not suspected
- U = unknown

Part 2 - DESCRIPTION OF THE SITE continued

Drinking Water.

Does any of the contamination at the Site pose a threat or potential threat to an existing drinking water source (ground water or surface water)?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, what type of drinking water system is threatened by the contamination? Please check all that apply.

☐ Single Family
☐ Public Drinking Water Supply

If you checked "Public Drinking Water Supply" above, is the contamination located within or upstream of a 10-year wellhead protection area?

☐ Yes ☐ No ☐ Unknown

To help answer the above question or if you answered "Yes" to that question, then go to https://fortress.wa.gov/doh/eh/dw/swap/maps/ or call (800) 521-0323.

Indoor Air.

Are contaminant odors present in any buildings, manholes, or other confined spaces?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify:

_____

_____

_____

_____

Attach additional pages if necessary.

H. Maps of the Site.

Please attach to this application map(s) that identify, to the extent known, the following:

- ☐ The location of the site.
- ☐ The properties, and any public right-of ways, affected by the site.
- ☐ The source(s) of the release(s) at the site.
- ☐ The nature and extent of contamination at the site.
- ☐ Any human or ecological receptors impacted by the site (e.g., drinking water wells).
- ☐ The physical characteristics of the site (e.g., property lines, building and road outlines, surface water bodies, water supply wells, ground water flow direction, and utility right-of-ways).
- ☐ The properties adjacent to the site and the uses of those properties (e.g., gas station, dry cleaner, residential).

Part 3 – OPERATIONAL HISTORY OF THE SITE

A. Current Use of Source Property. *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Answer these questions to the best of your ability.*

Current Property Owners. To the extent known, please identify below the current owner of the source property.

Name:	Title:	
Organization: Landmark Tacoma I/Landmark Tacoma II LLC		
Mailing address: 406 E 4TH ST		
City: Winston-Salem	State: NC	Zip code: 27101-4112
Phone:		

Current Business Owner (Operator). To the extent known, please identify below the current owner of the business located on the source property.

Name:	Title:	
Organization: Diamond Parking		
Mailing address:		
City:	State:	Zip code:
Phone:		

Current Business Operations. To the extent known, please identify below the current operations of the business located on the source property.

What is the current land use of the source property? Please check all that apply.

- ☐ Residential
- ☒ Commercial
- ☐ Industrial
- ☐ Agricultural
- ☐ Other – please specify: Parking lot
- ☐ School
- ☐ Childcare facility
- ☐ Park

Is there a currently operational commercial or industrial business located on the source property?

☒ Yes ☐ No ☐ Unknown

If you answered "YES" above, please identify in the following table the current business operations using the North American Industry Classification System (NAICS) codes and specifying the operations.

NAICS CODE	DESCRIPTION OF OPERATIONS
EX: 447110	Gasoline Stations with Convenience Stores
812930	Parking Lot

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Is there a solid waste handling facility located on the Source Property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify:

_____

Attach additional pages if necessary.

Is there a dangerous waste treatment, storage, or disposal facility located on the Source Property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify:

_____

Attach additional pages if necessary.

Regulation of Current Business Operations.

Does the business operate under any federal, state, or local permits related to the release of hazardous substances into the environment (e.g., NPDES permit)?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify the regulated operation, the name of the permit, and the date it was issued in the table below.

REGULATED OPERATION	PERMIT	DATE ISSUED
EX: Wastewater discharge	NPDES permit	02/02/02

Has a state or federal notice of enforcement action (e.g., notice of violation) ever been issued related to the release of hazardous substances at the business?

☐ Yes ☒ No ☐ Unknown

If you answered "yes" above, please specify (notice and year issued): _____

Have business operations resulted in any other spills or other unpermitted releases on the source property?

☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, please specify in the table below.

RELEASE	DATE OF RELEASE	STATUS OF RELEASE

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Storage Tank Information. In table below, please identify all above ground storage tanks (AST) and underground storage tanks (UST) that have been used for storing hazardous substances on the source property, irrespective of whether the tanks are still in use or in place. *If you are unable to provide answers to specific questions regarding a tank, please enter "U" for unknown.*

Identification				Status and Closure				Releases	
Hazardous Substance	Type (AST/UST)	Size (Gallons)	Tank ID	Date Install	In Use (Y/N)	Date Closed	Closure Method (*)	Past (Y/N)	Current (Y/N)
EX: Diesel	UST	10,000	4	02/87	N	05/98	Removed	Y	N
U	UST	550	U	U	N	07/98	removed	U	N
U	UST	1,000	U	U	N	07/98	removed	U	N
U		2,000	U	U	N	07/98	Removed	U	N

(*) Options = Removed or Closed in Place

B. Past Use of Source Property. *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Please answer these questions to the best of your ability.*

Past Property Owners. To the extent known, please identify below the owner of the source property at the time the release occurred.

Name:	Title:	
Organization:		
Mailing address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail:

Past Business Owners (Operators). To the extent known, please identify below the owner of the business (operator) at the time the release occurred.

Name:	Title:	
Organization:		
Mailing address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail:

Identification of Past Business Operations. Please identify in the following table the past operations of businesses located on the source property using the North American Industry Classification System (NAICS) codes and/or specifying the operations.

NAICS Code	Description of Operations
EX: 447110	Gasoline Stations with Convenience Stores
447190	Gasoline Service Station

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

C. Future Use of Source and Affected Properties. The following questions refer to both source and affected properties. Please answer these questions to the best of your ability.

Will any ownership interest in the source or affected properties be conveyed prior to, or upon completion of, the cleanup?

☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, please specify:

_____

_____

_____

_____

_____

_____

Attach additional pages if necessary.

Will any of the source or affected properties, or portions of those properties, be redeveloped as part of the cleanup?

☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, please specify the proposed land use below. Please check all that apply.

☐ Residential
☐ Commercial
☐ Industrial
☐ Agricultural
☐ Other – please specify:
☐ School
☐ Childcare facility
☐ Park

Please also specify the activities proposed for that land use:

_____

_____

_____

_____

_____

_____

Attach additional pages if necessary.

Part 4 – ADMINISTRATIVE HISTORY OF THE SITE

Have you previously reported the release(s) of hazardous substances at the Site to Ecology?

☒ Yes – If so, when? _____ ☐ No ☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under the VCP?

☐ Yes – If so, please specify the VCP Project Number: _____
☒ No
☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under a federal or state order or decree?

☐ Yes – If so, please specify the type and docket number: _____
☒ No
☐ Unknown

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE

A. Scope of Remedial Actions.

Do you plan to characterize and address all of the contamination at the Site, including any contamination located on affected adjacent properties, as part of the VCP project?

☒ Yes ☐ No ☐ Unknown

If you answered "NO" above, please describe below the scope of the VCP project, including the contamination (properties, portions of a property, media and/or hazardous substances) that you DO NOT plan on characterizing and/or addressing as part of the VCP project. Please include additional pages if necessary.

_____
_____
_____
_____
_____
_____
_____
_____

Attach additional pages if necessary.

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE continued

B. Status of Remedial Actions.

What is the current status of remedial actions at the site? Please check all that apply in the table below.

REMEDIAL ACTION	PLANNED	ONGOING	COMPLETED	NOT APPLICABLE
INITIAL RESPONSE (UST ONLY)			X	
INTERIM ACTION			X	
REMEDIAL INVESTIGATION		X		
FEASIBILITY STUDY	X			
CLEANUP ACTION	X			

C. Documentation of Remedial Actions.

Please list in the table below all known remedial action plans or reports produced for the site, including:

- The title of the plan or report,
- The author (e.g. consulting firm) of the plan or report,
- The date the plan or report was produced,
- Whether the plan or report has been submitted to Ecology,
- The date the plan or report was submitted to Ecology.

	TITLE	AUTHOR	DATE	SUBMITTED TO ECOLOGY	
				Y/N?	DATE
Ex:	John Doe's Site: Remedial Investigation Work Plan	Mom's Consulting Firm	02/20/05	NO	N/A
1.	Remedial Investigation Report – Former Texaco Service Station 704 Puyallup Avenue, Tacoma, Washington	ECI Environmental Consulting	12/28/17	No	12/28/17
2.	Subsurface Investigation 725 E 25th Street Tacoma, Washington	Environmental Management Services LLC	10/8/2006	Yes	05/30/2007
3.	Underground Storage Tanks Site Assessment/ Site Characterization Spring Air Northwest	Creative Environmental Technologies Inc.	08/24/98	Yes	10/07/98
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Part 6 – STATEMENT AND SIGNATURE

A. Statement and Signature. The undersigned affirms that the information contained in this application is true and accurate to the best of his or her knowledge. Please note that someone other than the Customer may sign this Application Form.

Name: Steve Spencer	Title: President	
Signature:		Date: 12/27/2017
Organization: ECI Environmental Consulting		
Mailing address: P.O. 153		
City: Fox Island	State: WA	Zip code: 984333
Phone: 253-921-7059	Fax: 253-369-6228	E-mail: sspencer@ecocon.us

B. Affiliation.

What is the signatory's involvement at the Site? Please check all that apply.

- ☐ Customer
- ☐ Property Owner
- ☒ Consultant
- ☐ Attorney
- ☐ Other – please specify: _____

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

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Subsurface Investigation

October 18, 2006

DRAFT

5/29/09
will replace this page with fancy & signed by Bill + Sams - as soon as I get it.

Project Location:
725 E. 25th Street
Tacoma, Washington 98421

Prepared for:
Spencer Law Firm
Mr. John Spencer
1326 Tacoma Avenue S.
Tacoma, Washington

Prepared by:
Environmental Management Services LLC
652 8th Avenue
Fox Island, Washington 99333

William E. Halbert, LG, LHG
Hydrogeologist

Washington Licensed Geologist
Washington Licensed Hydrogeologist

Stephen M. Spencer, LSA
Environmental Scientist

EPA Licensed Risk Assessor - WA-R-9256-1
Washington State Licensed Risk Assessor - 0205
Ecology Licensed/Registered Site Assessor

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WAC 173-340-Table 830

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Attachment C – Professional Qualifications

EXECUTIVE SUMMARY

Environmental Management Services (EMS) performed a Subsurface Investigation at 725 E. 25th Street, Tacoma, Washington, Pierce County Parcel Number 2074280010 (the site). The purpose of the investigation was to further assess and delineate on-site subsurface soil and groundwater conditions related to historic site use as a fuel service station. The site is currently used as a public parking lot operated by Diamond Parking.

On September 12, 2006, EMS advanced a four soil borings (denoted as B1 to B4), utilizing direct push sampling techniques and collected five soil and four ground water samples for subsequent laboratory analysis.

Select soil and ground water samples were analyzed by Friedman & Bruya, Inc., a Washington State Accredited laboratory for the presence of benzene, toluene, ethylbenzene and total xylenes (BTEX), and for gasoline-, diesel- and heavy-oil range petroleum hydrocarbons. Selected samples were also analyzed for the presence of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals (arsenic cadmium, chromium, lead and mercury).

Analytical results indicated that gasoline-range hydrocarbons were detected at concentrations exceeding the Washington State Department of Ecology Model Toxics Control Act Method A (MTCA-A) cleanup levels in soil samples collected from boring B4. The ground water sample collected from B4 contained diesel- and oil-range hydrocarbons concentrations exceeding their respective cleanup levels. . Groundwater samples collected from borings B1, B3 and B4 contained lead at concentrations exceeding the cleanup level of 15 micrograms per liter and groundwater samples from Boring B3 were reported containing chromium at 52.2 ug/L slightly above the MTCA-A cleanup level of 50 ug/L.

Laboratory results for the remaining soil and ground water samples indicated that concentrations of the target analytes either were not detected or were detected at concentrations less than respective cleanup levels.

Based on the results of our soil and ground water investigation at the site, it appears that soil and ground water in the area of boring B4 contains concentrations of diesel- and oil-range hydrocarbons at concentrations exceeding current MTCA A cleanup levels.

Lead contamination detected in ground water samples from borings B1, B3 and B4 may be related to historic on-site practices (leaded gasoline or lead batteries) or historic industrial activities (Asarco Smelter) in the area. It is also possible that the lead detected in the ground water samples is naturally occurring.

1.0 INTRODUCTION

Environmental Management Services, LLC, (EMS) is pleased to provide this Subsurface Investigation report for the property located at 725 E. 25th Street Tacoma, Washington. The objective of this investigation was to collect soil and groundwater samples from areas near a former auto service station and former underground storage tank location.

A Phase I Environmental Site Assessment was conducted in 1998 by Creative Environmental Technologies, Inc. (CETI). In their report, CETI identified what appeared to be a fuel service station in the northwest portion of the property, during the years between 1939 and 1955, CETI completed a geophysical investigation identifying three underground storage tanks (USTs). Two gasoline USTs and one diesel UST were subsequently removed from the site and decommissioned in 1998. Following UST closure activities, approximately 43 tons of petroleum-contaminated soil was excavated and transported off-site for disposal.

Following a review of the UST closure report, Ecology determined that additional work in the vicinity of the former fuel station was required. In their May 18, 2006 letter, Ecology requested that additional investigation activities be conducted to evaluate the possible presence of petroleum hydrocarbons and other fuel-related compounds in soil and ground water.

Also provided EMS by the Spencer Law Firm was information related to an area approximately 200 feet southeast of the former services station that is know to be impacted with diesel extended range petroleum hydrocarbons in both soil and groundwater. According to the Spencer Law Firm, the building located approximately 200 feet southeast of the former services station is currently being monitored following a soil remediation project in 2000. EMS was told that diesel and heavy oil range hydrocarbon impacted soil and groundwater remain under the building.

1.1 Scope of Services

EMS conducted the following tasks in general accordance with our June 20, 2006 proposal:

1. Pre-Sampling Activities;
2. Public and private utility location;
3. Preparation of site-specific Health and Safety Plan;
4. Completed site figures identifying sampling locations;
5. Subsurface sampling using direct push sampling techniques in areas of concern;
6. Completed chemical analysis of site-specific contaminants of concern on selected samples; and
7. Completed this sampling report detailing sampling activities and laboratory findings.

1.2 Health & Safety

A site-specific Health and Safety Plan (HASP) was prepared in accordance with Chapter 296-62 of the Washington Administrative Code and 29 CFR 1910.120 (Code of Federal Regulations). The HASP identified potential physical and chemical hazards and specified personal protection and safety monitoring requirements. Site health and safety meetings were conducted during fieldwork at the beginning of the project to review aspects of the HASP, and to provide an opportunity for EMS site workers and contractor personnel to discuss health and safety issues or concerns. On-site EMS personnel associated with the field activities were required to be familiar with and comply with provisions put forth in the HASP. Subcontractors on-site were required to have their own HASP that identified potential physical and chemical hazards associated with their own work activities.

1.3 Utility Location Identification

Prior to implementing subsurface sampling activities at the site, EMS notified the public underground utilities alert network of intrusive activities. The service contacted appropriate agencies or companies with underground utilities in the area. These agencies then marked the location of their utilities along the right-of-ways and easements of the property.

A private utility locate of the site was completed by Locate Inc prior to implementing subsurface sampling activities. All borings were hand cleared to 30 inches bgs to ensure no underground utilities were encountered during drilling.

2.0 SITE AND VICINITY CHARACTERISTICS

The site is currently paved with asphalt and utilized as a parking lot for Diamond Parking Services. Puyallup Avenue borders the site to the north, G Street borders the site to the west, a commercial building, part of the same property, borders the site to the south and additional asphalt parking and a coffee stand border the site to the east. The location of the site is shown relative to surrounding physical features in the Vicinity Map, Figure 1 and Figure 2. The general layout of the site is shown in the site plan, Figure 3.

2.1 Surface Topography/Hydrology

The site is located at an elevation of approximately 20 feet above mean sea level. The property is relatively flat, sloping slightly towards the north. Surface water is directed into an on site storm water conveyance system discharging offsite into the City of Tacoma Storm water system.

2.2 Soils, Geology and Groundwater Hydrology

Native soils in the area consist of laterally discontinuous layers of brown clay and brown and grey sand with silt,

Ground water was encountered at depths between approximately 8 and 10 feet below ground surface. The ground water appears to occur under unconfined conditions and is inferred to flow to the north, toward Commencement Bay.

3.0 FIELD INVESTIGATION ACTIVITIES AND OBSERVATIONS

Four direct push borings (B1 to B4) were completed on September 12, 2006 at selected locations on the property (Figure 3). The boring locations were chosen based on the locations of the former UST excavation and the former service station and pump islands. The boring locations are shown relative to site features in the Site Plan, Figure 3.

3.2 Soil and Groundwater Sampling Activities

The borings were advanced using direct push drilling techniques by North West Probe, a Washington State licensed drilling company. Borings B1, B2, B3, and B4 were advanced to approximately 12 feet bgs..

At each sampling location soil samples were collected using a 2-inch diameter, 4-foot long stainless steel sampler fitted with acetate liners. The sampler was driven into the soil in four-foot increments. Upon retrieval, the sampler was opened and the retained soils were visually observed, and logged using the Unified Soil Classification System. Soil descriptions and field screening results were recorded on the boring logs provided in Attachment B.

At selected depths, soil samples were collected and placed into clean, laboratory provided sample jars, which were sealed, labeled, placed into an ice to preserve the integrity of the sampling pending delivery to the analytical laboratory. Chain of custody forms were completed in the field and accompanied the samples to the laboratory.

Ground water samples were collected from each boring by placing clean, 0.75-inch diameter PVC casing and slotted well screen in to the borehole. Ground water was purged from the casing using a low flow peristaltic pump and clean, disposable tubing until the produced water was clear and relatively clean of suspended sediment. Once purging was complete, water samples were collected using the peristaltic pump into clean, laboratory supplied containers appropriate for the requested analyses. The containers were then sealed, labeled, placed into an ice chest containing ice pending delivery to the analytical laboratory. Chain of custody forms were completed in the field and accompanied the samples to the laboratory.

After collecting the groundwater samples, the PVC casing was removed from the boring, and the hole was filled with bentonite and capped with asphalt .

3.3 Laboratory Analysis & Results

Following sampling activities, samples were submitted to Friedman & Bruya, Inc. a Washington State Department of Ecology accredited laboratory.

Select soil and groundwater samples collected from borings B1 through B4 were analyzed for volatile aromatic hydrocarbons (BTEX) using EPA Method 8021B, for gasoline-range hydrocarbons using Northwest Method NWTPH-Gx, and for diesel- and oil-range hydrocarbons using Northwest Method NWTPH-Dx/Dx extended Selected soil and ground water sample collected from each boring were also analyzed for volatile organic compounds (VOCs) using EPA Method 8021B, polycyclic aromatic hydrocarbons (PAHs) using EPA Method 8021B, polychlorinated biphenyls (PCBs) using EPA Method 8021B, and for metals (arsenic, cadmium, chromium, lead and mercury) using EPA 7000 series methodology

Laboratory results indicate that gasoline-range hydrocarbons were detected in the soil samples collected from boring B4 at depths of 7 and 9 feet at concentrations of 200 micrograms per gram (µg/g) for both samples. This concentration exceeds Ecology's MTCA Method A cleanup level of 100 for gasoline-range hydrocarbons. Gasoline-range hydrocarbons were not detected in any of the other soil samples at concentrations exceeding 100 µg/g.

Diesel- and oil-range hydrocarbons PAHs and PCBs either were not detected, or were detected at concentrations less than the respective MTCA Method A cleanup levels in any of the analyzed soil samples. Similarly, metals (arsenic, cadmium, chromium, lead and mercury) either were not detected, or were detected at concentrations less than their respective cleanup levels..

The ground water sample collected from boring B4 contained diesel- and oil-range hydrocarbons at concentrations of 1,700 and 8,600 micrograms per liter (µg/L) respectively. The Ecology MTCA Method A cleanup level for these compounds is 1,000 µg/l. Gasoline-, diesel- and oil-range hydrocarbons either were not detected, or were detected at concentrations less than their respective MTCA Method A cleanup levels in the remaining ground water samples.

Lead was detected in ground water samples collected from borings B1, B3 and B4 at concentrations exceeding the Ecology MTCA Method A cleanup level of 15 µg/l. Chromium was also detected in the water sample from boring B3 at a concentration of 52.8 µg/l which exceeds the Ecology MTCA Method A cleanup level of 50 µg/l. The remaining metals either were not detected, or were detected at concentrations less than their respective cleanup levels in the remaining ground water samples.

The chemical analytical results for soil and ground water samples are summarized in Tables 1 through 10. A copy of the laboratory report is included in Attachment A.

4.0 CONCLUSIONS

Analytical results indicated that gasoline and extended range petroleum hydrocarbons were detected at concentrations exceeding the Washington State Department of Ecology Model Toxics Control Act Method A cleanup levels in soil samples collected from boring B4. The ground water sample collected from B4 contained oil-range hydrocarbons concentrations exceeding the MTCA-A Cleanup level of 500 ug/L. Groundwater samples collected from borings B1, B3 and B4 also contained lead at concentrations exceeding the cleanup level of 15 micrograms per liter.

Laboratory results for the remaining soil and ground water samples indicated that concentrations of the target analytes either were not detected or were detected at concentrations less than respective cleanup levels.

Soil samples collected from Boring B4 were reported contain gasoline range hydrocarbons exceeding MTCA Method A cleanup level of 100 ug/g. Water samples colleted from boring B4 were reported below the MTCA A Cleanup criteria for gasoline. Select volatile aromatic hydrocarbons, benzene, toluene, ethylbenzene and total xylenes were reported below MTCA-A cleanup levels for both soil and groundwater. The gasoline range hydrocarbon soil contamination is likely due to historic activities on the property.

Ground water in the area of boring B4 contains concentrations of diesel-(1700 ug/g) and oil-(8600 ug/g) range hydrocarbons at concentrations exceeding MTCA-A cleanup levels. The source of the impacted groundwater is not know, however based on the analytical results reporting diesel range hydrocarbon well below the MTCA-A cleanup level and extended oil range hydrocarbons below the laboratory reporting limits, the source may be attributed to historic site use or the know release adjacent approximately 200 fee to the southeast.

Lead contamination detected in ground water samples from borings B1, B3 and B4 may be related to historic on-site practices (leaded gasoline or lead batteries) or historic industrial activities (Asarco Smelter) in the area. It is also possible that the lead detected in the ground water samples is naturally occurring.

4.1 Recommendations

Based on the reported levels of petroleum hydrocarbons exceeding MTCA-A cleanup criteria, further delineation of the site, specifically the area near boring B4 is warranted. Lead and to a lesser degree chromium detected in groundwater should also be delineated to ascertain the horizontal extent of impact.

5.0 LIMITATIONS

The findings and conclusions documented in this report have been prepared for the specific application to this project and have been developed in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area. A potential always remains for the presence of unknown, unidentified, or unforeseen subsurface contamination. No warranty, expressed or implied, is made. This report is for the exclusive use of the Spencer Law Firm and Carmon Manufacturing and/or their representatives or assigns.

If new information is developed in future site work (which may include excavations, additional borings, or other studies), EMS should be contracted to re-evaluate the interpretations in this report, and to provide amendments as required.

Project Figures

Figure 1 - Site Location Map
Figure 2 - Site Topographic Map
Figure 3 - Boring Location Map

Project Figures

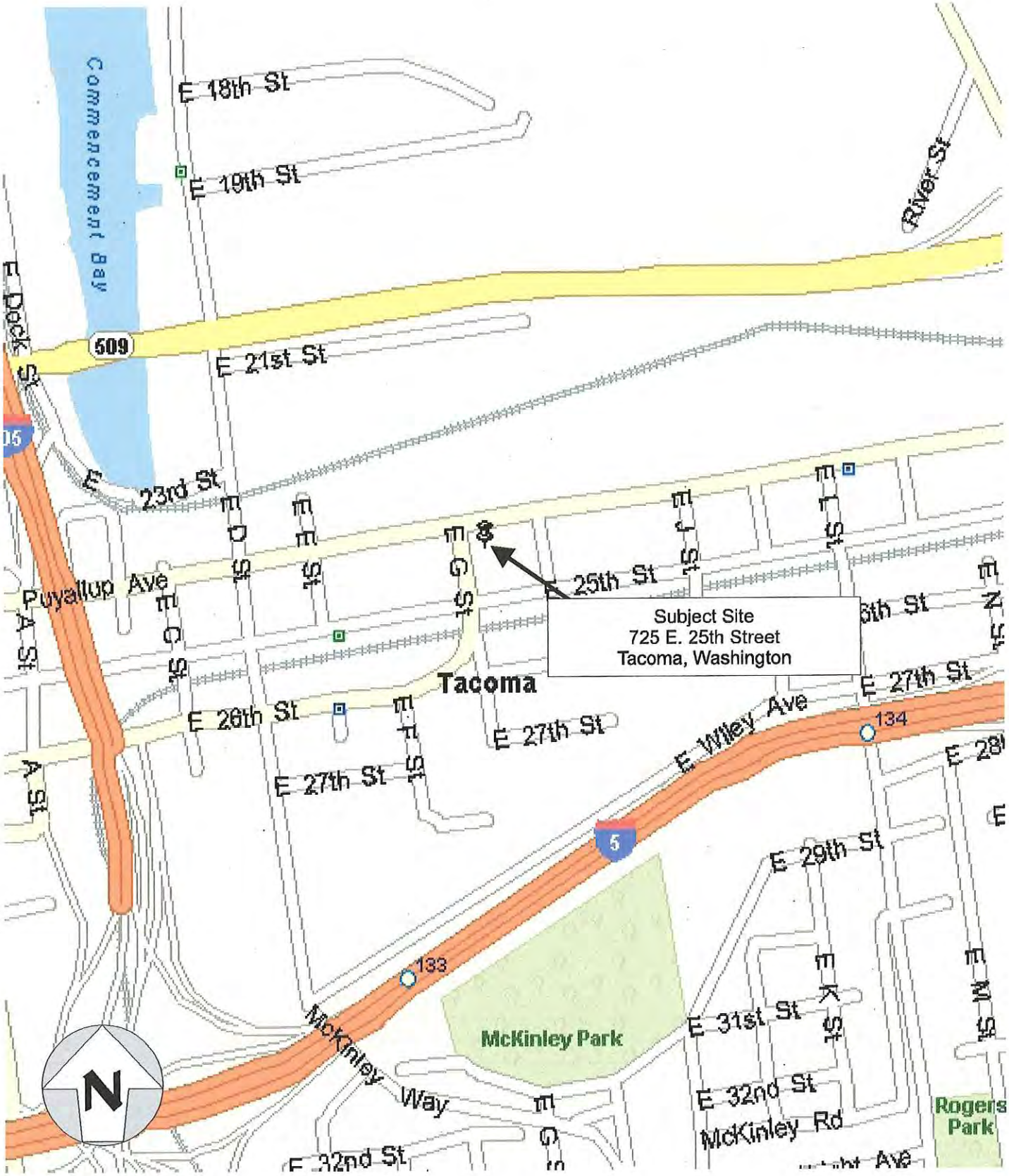

ems Environmental Services www.emsgroupllc.com	Site Location Map Subsurface Investigation 704 Puyallup Avenue Tacoma, Washington	Date: October 2, 2006 Completed: S.Spencer Checked By: S.Spencer Version No: 001-100206	Figure No. 01

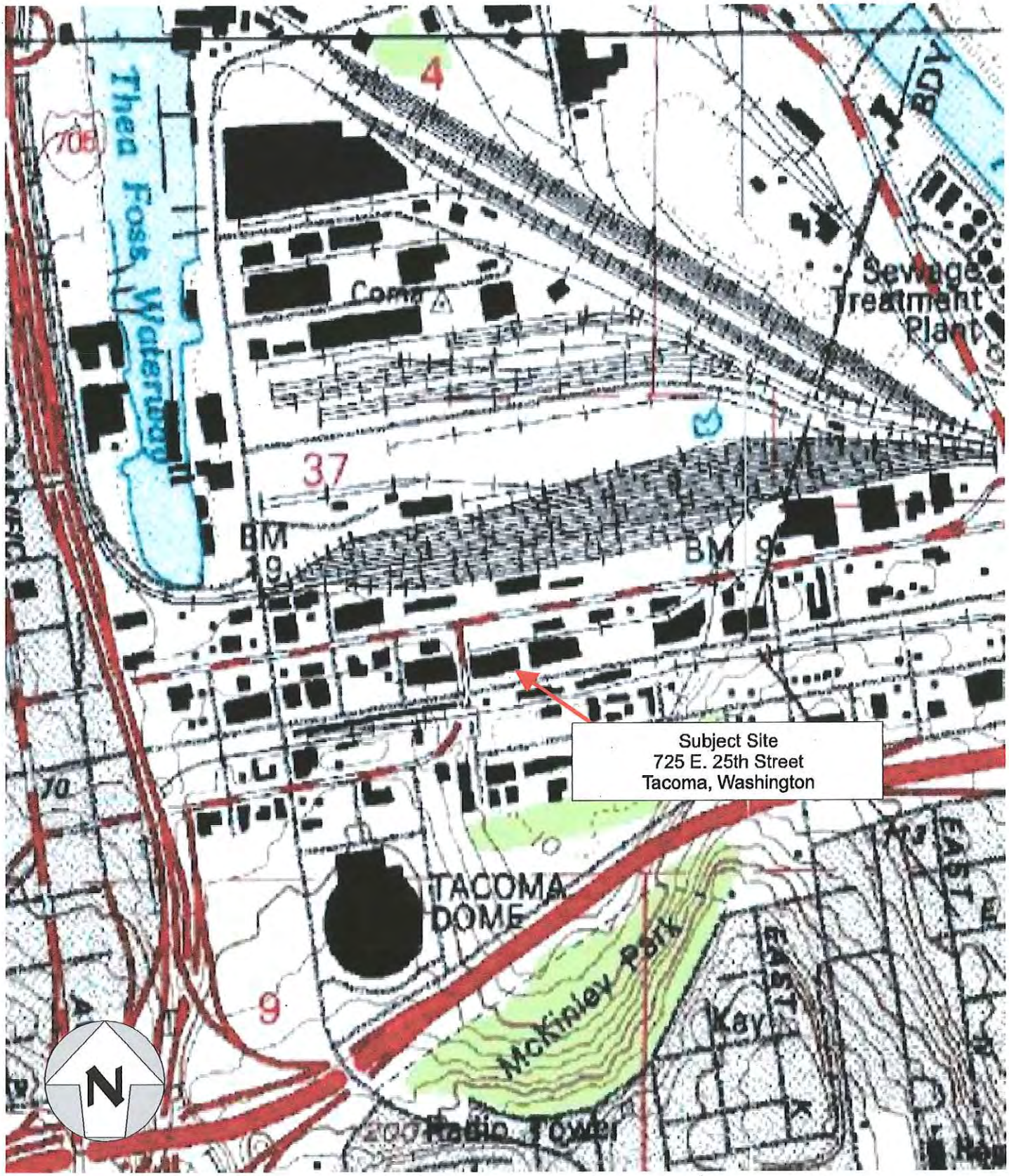

ems Environmental Services www.emsgroupllc.com	Site Topographic Map Subsurface Investigation 704 Puyallup Avenue Tacoma, Washington	Date: October 2, 2006 Completed: S.Spencer Checked By: S.Spencer Version No: 001-100206	Figure No. 02

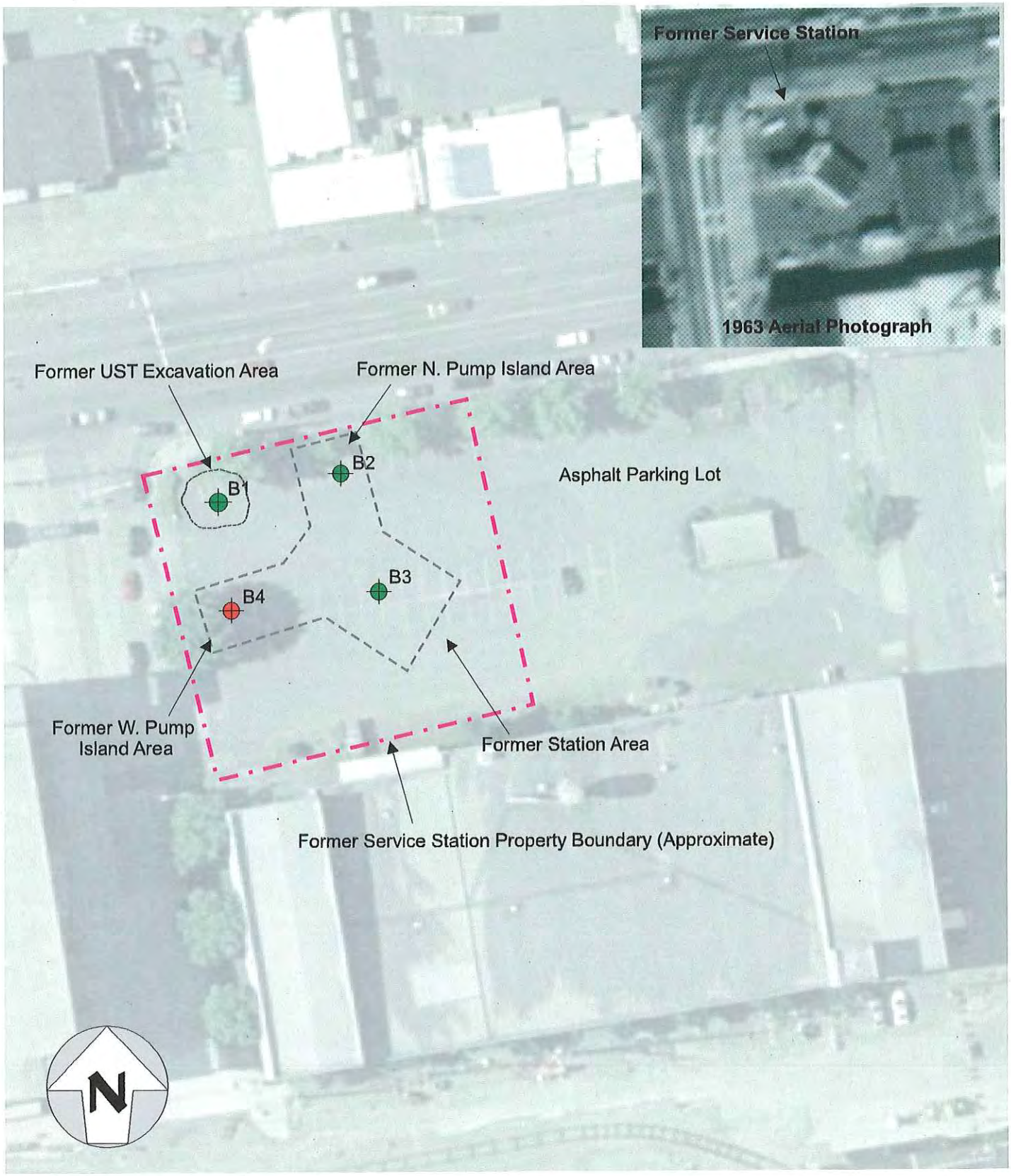

B3 Soil & Groundwater sample location & Boring Identification

ems Environmental Services www.emsgroupllc.com	Sample Location Map Subsurface Investigation 704 Puyallup Avenue Tacoma, Washington	Date: October 2, 2006 Completed: S.Spencer Checked By: S.Spencer Version No: 001-100206	Figure No. 03

Tables

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Table 4 - Chlorinated Solvents Water
Table 5 - Polychlorinated Biphenyls Soil
Table 6 - Polychlorinated Biphenyls Water
Table 7 - Polycyclic Aromatic Hydrocarbons Soil
Table 8 - Polycyclic Aromatic Hydrocarbons- Water
Table 9 - Total Metals Soil
Table 10 - Total Metals - Water

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Table 1 - Soil Sample Analytical Results
Petroleum Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	Field Screening Results		Diesel-Dx (NWTPH-Dx)		NWTPH-Gx	Volatile Aromatic Hydrocarbons (8021b)			
				Headspace	Sheen Test	Diesel	Heavy Oil	Gasoline	Benzene	Toluene	Ethyl benzene	Xylene
		feet bgs		ppm		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1-7-8'	Boring B1	7-8'	9/12/2006	NA	None	<50	<250	<2.0	<0.02	<0.02	<0.02	<0.06
B1-10-12'	Boring B1	10-12'	9/12/2006	NA	None	<50	<250	<2.0	<0.02	<0.02	<0.02	<0.06
B2-3-4'	Boring B2	3-4'	9/12/2006	NA	None	<50	<250	<1.0	<0.02	<0.02	<0.02	<0.06
B2-7-8'	Boring B2	7-8'	9/12/2006	NA	None	<50	<250	<1.0	<0.02	<0.02	<0.02	<0.06
B2-10-12'	Boring B3	10-12'	9/12/2006	NA	None	<50	<250	<1.0	<0.02	<0.02	<0.02	<0.06
B3-7-8'	Boring B3	7-8'	9/12/2006	NA	None	<50	<250	4.0	<0.02	<0.02	<0.02	<0.06
B3-11-12'	Boring B3	11-12'	9/12/2006	NA	None	<50	<250	<1.0	<0.02	<0.02	<0.02	<0.06
B4-7-8'	Boring B4	7-8'	9/12/2006	NA	Slight	<50	<250	**200.0**	<0.02	<0.02	0.95	1.60
B4-8.5-9'	Boring B4	8.5-9'	9/12/2006	NA	Slight	<50	<250	**200.0**	<0.02	<0.02	1.9	2.4
Laboratory Detection or Practical Quantitation Limit Soil						20.0	40.0	1.0	0.02	0.02	0.02	0.06
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil						2000	2000	100/30	0.03	7	6	9

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
Diesel / Mineral Oil / Oil analytical method NWTPH-Dx
Diesel range petroleum hydrocarbon Method A Cleanup Levels for soil are 2000 mg/kg unless Diesel & Oil 4000 mg/kg Mineral Oil
Gasoline range petroleum hydrocarbon Method A Cleanup Levels for soil are 100 mg/kg unless Benzene is present then 30 mg/kg cleanup levels
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 2 - Groundwater Sample Analytical Results
Petroleum Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	Diesel-Dx (NWTPH-Dx)		NWTPH-Gx	Volatile Aromatic Hydrocarbons (8021b)			
				Diesel	Heavy Oil	Gasoline	Benzene	Toluene	Ethyl benzene	Xylene
		feet bgs		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B1-H2O	Boring B1	H2O	9/12/2006	<50	<250	<100	<1	<1	<1	<3
B2-H2O	Boring B1	H2O	9/12/2006	<50	<250	<100	<1	<1	<1	<3
B3-H2O	Boring B2	H2O	9/12/2006	<250	<250	<100	<1	<1	<1	<3
B4-H2O	Boring B4	H2O	9/12/2006	**1700**	**8600**	370	1.0	2.0	2.0	5.0
			antitation Limit - Water	50/250	250	100	1	1	1	3
			MTCA Method A Cleanup Levels - Water	500	500	1000/800	5	1000	700	1000

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
Diesel / Mineral Oil / Oil analytical method NWTPH-Dx
Diesel range petroleum hydrocarbon Method A Cleanup Levels for soil are 2000 mg/kg unless Diesel & Oil 4000 mg/kg Mineral Oil
Gasoline range petroleum hydrocarbon Method A Cleanup Levels for soil are 100 mg/kg unless Benzene is present then 30 mg/kg cleanup levels
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 3 - Soil Sample Analytical Results
Chlorinated Solvents
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 3006

Sample Number	Sample Location	Sample Depth	Sample Date	Chlorinated Volatile Compounds Method 8260B										
				Vinyl Chloride	Chlorethane	1,1-Duchlorethene	Methylene Chloride	trans-1,2-Dichloroethene	1,1-Duchloroethane	cis-1,2-Dichlorothene	1,2-Dichloroethane	1,1,1-Trichloroethene	Trichloroethene	Tetrachloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B3-7-8'	Boring B3	7-8' bgs	9/12/2006	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B3-11-12'	Boring B3	11-12'	9/12/2006	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
B4-8.5-9'	Boring B4	8.5-9'	9/12/2006	<0.05	<0.05	<0.05	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Laboratory Detection or Practical Quantitation Limit Soil				0.05	0.05	0.05	0.50	0.05	0.05	0.05	0.05	0.05	0.05	0.05

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.

D= Detect exceeding HCID detection levels

Values are reported in milligrams per kilograms (mg/kg).

< # (ND) = analyte not detected above the analytical method detection limit cited.

MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.

bgs=below ground surface

NA=Not Applicable

Environmental Services
emsgroupllc.com

Table 4 - Water Sample Analytical Results
Chlorinated Solvents
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 3006

Sample Number	Sample Location	Sample Depth	Sample Date	Chlorinated Volatile Compounds Method 8260B										
				Vinyl Chloride	Chlorethane	1,1-Duchlorethene	Methylene Chloride	trans-1,2-Dichloroethene	1,1-Duchloroethane	cis-1,2-Dichlorothene	1,2-Dichloroethane	1,1,1-Trichloroethene	Trichloroethene	Tetrachloroethene
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H2O	Boring B3	H2O	9/12/2006	<0.2	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1
B4-H2O	Boring B4	H2O	9/12/2006	<0.2	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1
Laboratory Detection or Practical Quantitation Limits				0.2	1.0	1.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.

D= Detect exceeding HCID detection levels

Values are reported in milligrams per kilograms (mg/kg).

< # (ND) = analyte not detected above the analytical method detection limit cited.

MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.

bgs=below ground surface

NA=Not Applicable

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Table 5 - Soil Sample Analytical Results
Polychlorinated Biphenyls
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	Polychlorinated biphenyls (PCBs) Method 8082								
				Aroclor 1221	Aroclor 1232	Aroclor 1016	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor1260	Aroclor 1262	Total Aroclors
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B3-7-8'	Boring B3	7-8'	9/12/2006	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8
B3-11-12'	Boring B3	11-12'	9/12/2006	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8
B4-8.5-9'	Boring B4	8.5-9'	9/12/2006	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	--
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				<1 mg/kg Total Arochlors								

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.

D= Detect exceeding HCID detection levels

Values are reported in milligrams per kilograms (mg/kg).

< # (ND) = analyte not detected above the analytical method detection limit cited.

MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.

bgs=below ground surface

NA=Not Applicable

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Table 6 - Water Sample Analytical Results
Polychlorinated Biphenyls
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	Polychlorinated Biphenyls (PCBs) Method 8082								
				Aroclor 1221	Aroclor 1232	Aroclor 1016	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor1260	Aroclor 1262	Total Aroclors
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H20	Boring B3	H2O	9/12/2006	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.35
	Laboratory Detection or Practical Quantitation Limit Soil			0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	--
	Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil			<0.1ug/L Total Arochlors								

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.

D= Detect exceeding HCID detection levels

Values are reported in milligrams per kilograms (mg/kg).

< # (ND) = analyte not detected above the analytical method detection limit cited.

MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.

bgs=below ground surface

NA=Not Applicable

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Table 7 - Soil Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth bgs	Sample Date	Polycyclic Aromatic Hydrocarbons (PAHs) Method 8270c															
				Naphtalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
B3-7-8'	Boring B3	7-8'	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B3-11-12'	Boring B3	11-12'	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B4-8.5-9'	Boring B4	8.5-9	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Laboratory Detection or Practical Quantitation Limit Soil				5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 8 - Water Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth bgs	Sample Date	Polycyclic Aromatic Hydrocarbons (PAHs) Method 8270c															
				Naphtalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H2O	Boring B3	H2O	9/12/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
B3-H2O	Boring B4	H2O	9/12/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the anelytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 9 - Soil Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1-7-8'	Boring B1	7-8'	9/12/2006	NA	NA	NA	54.80	NA
B1-10-12'	Boring B1	10-12'	9/12/2006	NA	NA	NA	3.45	NA
B2-3-4'	Boring B2	3-4'	9/12/2006	NA	NA	NA	4.81	NA
B2-7-8'	Boring B2	7-8'	9/12/2006	NA	NA	NA	3.45	NA
B2-10-10.5	Boring B2	10-10.5	9/12/2006	NA	NA	NA	6.03	NA
B3-7-8'	Boring B3	7-8'	9/12/2006	<1	<1	13.9	3.19	<0.2
B3-11-12'	Boring B3	11-12'	9/12/2006	<1	<1	19.3	5.56	<0.2
B4-7-8'	Boring B4	7-8'	9/12/2006	NA	NA	NA	5.17	NA

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Table 9 - Soil Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B4-8.5-9'	Boring B4	8.5-9'	9/12/2006	NA	NA	NA	10.00	NA
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				20	2	2000	250	2

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 10 - Groundwater Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				ug/L	ug/L	ug/L	ug/L	ug/L
B1-H2O	Boring B1	H2O	9/12/2006	NA	NA	NA	**33.8**	NA
B3-H2O	Boring B3	H2O	9/12/2006	NA	NA	NA	6.3	NA
B3-H2O	Boring B3	H2O	9/12/2006	7.1	<1	**52.8**	**18.7**	<2
B4-H20	Boring B4	H2O	9/12/2006	NA	NA	NA	**20.5**	NA
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				5	5	50	15	2

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

Attachment A

Laboratory Analytical Reports
MTCA Method A Unrestricted Cleanup Levels
WAC 173-340-Table 830

Attachment A

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 4, 2006

Steve Spencer, Project Manager
Environmental Management Services, LLC
652 8th Avenue
Fox Island, WA 98333

Dear Mr. Spencer:

Included are the results from the testing of material submitted on September 12, 2006 from the Spencer Law Firm Spring Air, F&BI 609091 project. There are 63 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
E-mail: sspencer@emsgroupllc.com
EMS1004R

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/14/06
Date Analyzed: 09/15/06, 09/16/06, and 09/19/06

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as µg/g (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-132)
B1-7-8' 609091-01	<0.02	<0.02	<0.02	<0.06	<2	101
B1-10-12' 609091-02	<0.02	<0.02	<0.02	<0.06	<2	92
B2-3-4 609091-04	<0.02	<0.02	<0.02	<0.06	<2	90
B2-7-8 609091-05	<0.02	<0.02	<0.02	<0.06	<2	97
B2-10-10.5 609091-06	<0.02	0.06	<0.02	0.09	<2	81
B3-7-8 609091-08	<0.02	<0.02	0.02	<0.06	4	90
B3-11-12 609091-09	<0.02	<0.02	<0.02	<0.06	<2	87
B4-7-8' d 609091-11	<0.2	<0.2	0.95	1.6	200	ip
B4-8.5-9' d 609091-12	<0.2	<0.2	1.9	2.4	200	ip
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	122

d - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/18/06
Date Analyzed: 09/18/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
B1-H2O 609091-03	<1	<1	<1	<3	<100	111
B3-H2O 609091-07	<1	<1	<1	<3	<100	109
B3-H2O 609091-10	<1	<1	<1	<3	<100	111
B4-H2O 609091-13	1	2	2	5	370	116
Method Blank	<1	<1	<1	<3	<100	109

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/13/06
Date Analyzed: 09/14/06 and 09/15/06

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx
Extended to Include Motor Oil Range Compounds
Results Reported on a Dry Weight Basis
Results Reported as µg/g (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
B1-7-8' 609091-01	<50	<250	84
B1-10-12' 609091-02	<50	<250	84
B2-3-4 609091-04	<50	<250	89
B2-7-8 609091-05	<50	<250	86
B2-10-10.5 609091-06	<50	<250	83
B3-7-8 609091-08	<50	<250	83
B3-11-12 609091-09	<50	<250	82
B4-7-8' x 609091-11	170	<250	83
B4-8.5-9' x 609091-12	120	<250	92
Method Blank	<50	<250	83

x - The pattern of peaks present is not indicative of diesel. The results in the diesel range were caused by gasoline range hydrocarbons.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/14/06
Date Analyzed: 09/15/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-132)
B1-H2O 609091-03	<50	<250	98
B3-H2O 609091-07	<50	<250	88
B3-H2O d 609091-10	<250	<250	97
B4-H2O 609091-13	1,700 x	8,600	94
Method Blank	<50	<250	91

x - The pattern of peaks present is not solely indicative of diesel. The results for diesel were partially due from an overlap from gasoline and motor oil range hydrocarbons.

d - The sample was diluted due to limited sample volume. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B1-7-8'	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-01
Date Analyzed:	09/18/06	Data File:	609091-01.039
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	95	60	125

Analyte:	Concentration ug/g (ppm)
Lead	54.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B1-10-12'	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-02
Date Analyzed:	09/18/06	Data File:	609091-02.040
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	96	60	125

Analyte:	Concentration ug/g (ppm)
Lead	3.45

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B2-3-4	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-04
Date Analyzed:	09/18/06	Data File:	609091-04.041
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	97	60	125

Analyte:	Concentration ug/g (ppm)
Lead	4.81

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B2-7-8	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-05
Date Analyzed:	09/18/06	Data File:	609091-05.045
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	99	60	125

Analyte:	Concentration ug/g (ppm)
Lead	3.45

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B2-10-10.5	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-06
Date Analyzed:	09/18/06	Data File:	609091-06.046
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	93	60	125

Analyte:	Concentration ug/g (ppm)
Lead	6.03

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B3-7-8	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-08
Date Analyzed:	09/18/06	Data File:	609091-08.048
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	102	60	125
Indium	94	60	125
Holmium	95	60	125

Analyte:	Concentration ug/g (ppm)
Chromium	13.9
Arsenic	<1
Cadmium	<1
Lead	3.19

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B3-11-12	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-09
Date Analyzed:	09/18/06	Data File:	609091-09.049
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	100	60	125
Indium	95	60	125
Holmium	98	60	125

Analyte:	Concentration ug/g (ppm)
Chromium	19.3
Arsenic	<1
Cadmium	<1
Lead	5.56

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B4-7-8'	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-11
Date Analyzed:	09/18/06	Data File:	609091-11.050
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	103	60	125

Analyte:	Concentration ug/g (ppm)
Lead	5.17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B4-8.5-9'	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-12
Date Analyzed:	09/18/06	Data File:	609091-12.051
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	105	60	125

Analyte:	Concentration ug/g (ppm)
Lead	10.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Environmental Management Services
Date Received:	NA	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	I6-388 mb
Date Analyzed:	09/18/06	Data File:	I6-388 mb.037
Matrix:	Soil	Instrument:	ICPMS1
Units:	ug/g (ppm)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	93	60	125
Indium	86	60	125
Holmium	93	60	125

Analyte:	Concentration ug/g (ppm)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/15/06
Date Analyzed: 09/15/06

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported on a Dry Weight Basis
Results Reported as µg/g (ppm)

Sample ID Laboratory ID	Total Mercury
B3-7-8 609091-08	<0.2
B3-11-12 609091-09	<0.2
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B1-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/20/06	Lab ID:	609091-03
Date Analyzed:	09/20/06	Data File:	609091-03.056
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	106	60	125

Analyte:	Concentration ug/L (ppb)
Lead	33.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B3-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/20/06	Lab ID:	609091-07
Date Analyzed:	09/20/06	Data File:	609091-07.059
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	110	60	125

Analyte:	Concentration ug/L (ppb)
Lead	6.26

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B3-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/20/06	Lab ID:	609091-10
Date Analyzed:	09/20/06	Data File:	609091-10.060
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	97	60	125
Indium	97	60	125
Holmium	111	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	52.8
Arsenic	7.13
Cadmium	<1
Lead	18.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	B4-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/20/06	Lab ID:	609091-13
Date Analyzed:	09/20/06	Data File:	609091-13.061
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	109	60	125

Analyte:	Concentration ug/L (ppb)
Lead	20.5

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Environmental Management Services
Date Received:	NA	Project:	Spring Air, F&BI 609091
Date Extracted:	09/20/06	Lab ID:	I6-388 mb
Date Analyzed:	09/20/06	Data File:	I6-388 mb.054
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	107	60	125
Indium	104	60	125
Holmium	105	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Arsenic	<1
Cadmium	<1
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/15/06
Date Analyzed: 09/15/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Total Mercury
B3-H2O 609091-10	<0.2
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/12/06
Date Analyzed: 09/14/06

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR PCBs REPORTED AS AROCLORS USING EPA METHOD 8082

Results Reported as µg/g (ppm)

Sample ID Laboratory ID	Aroclor 1221	1232	1016	1242	1248	1254	1260	1262	Surrogate (% Rec.) (Limit 50-150)
B3-7-8 606091-08	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	98
B3-11-12 606091-09	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	102
Method Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/18/06
Date Analyzed: 09/19/06

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR PCBs AS AROCLORS USING EPA METHOD 8082

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Aroclor 1221	1232	1016	1242	1248	1254	1260	1262	Surrogate (% Rec.) (Limit 61-132)
B3-H2O 609091-10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	140 vo
Method Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	75

vo - The value reported fell outside the control limits established for this analyte.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091
Date Extracted: 09/21/06
Date Analyzed: 09/22/06

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR PCBs REPORTED AS AROCLORS USING EPA METHOD 8082

Results Reported as µg/g (ppm)

Sample ID Laboratory ID	Aroclor 1221	1232	1016	1242	1248	1254	1260	1262	Surrogate (% Rec.) (Limit 50-150)
B4-8.5-9' 609091-12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	101
Method Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B3-7-8	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/13/06	Lab ID:	609091-08
Date Analyzed:	09/14/06	Data File:	091327.D
Matrix:	Soil	Instrument:	GCMS5
Units:	ug/g (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	66	51	134
1,2-Dichloroethane-d4	69	51	137
Toluene-d8	69	54	139
4-Bromofluorobenzene	71	42	164

Compounds:	Concentration ug/g (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.05
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B3-11-12	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/13/06	Lab ID:	609091-09
Date Analyzed:	09/14/06	Data File:	091328.D
Matrix:	Soil	Instrument:	GCMS5
Units:	ug/g (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	60	51	134
1,2-Dichloroethane-d4	62	51	137
Toluene-d8	62	54	139
4-Bromofluorobenzene	66	42	164

Compounds:	Concentration ug/g (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.05
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B4-8.5-9'	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/25/06	Lab ID:	609091-12
Date Analyzed:	09/25/06	Data File:	092517.D
Matrix:	Soil	Instrument:	GCMS5
Units:	ug/g (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	92	51	134
1,2-Dichloroethane-d4	103	51	137
Toluene-d8	100	54	139
4-Bromofluorobenzene	124	42	164

Compounds:	Concentration ug/g (ppm)	Compounds:	Concentration ug/g (ppm)
Dichlorodifluoromethane	<0.05	Tetrachloroethene	<0.05
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.05	Chlorobenzene	<0.05
Chloroethane	<0.05	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.05	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	0.076
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	0.18
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	0.087
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	0.095
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.05
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.05
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.05
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&Bl 609091
Date Extracted:	09/13/06	Lab ID:	061291 mb
Date Analyzed:	09/13/06	Data File:	091305.D
Matrix:	Soil	Instrument:	GCMS5
Units:	ug/g (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	97	51	134
1,2-Dichloroethane-d4	96	51	137
Toluene-d8	107	54	139
4-Bromofluorobenzene	135	42	164

Compounds:	Concentration ug/g (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.05
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&BI 609091
Date Extracted:	09/25/06	Lab ID:	061334 mb
Date Analyzed:	09/25/06	Data File:	092516.D
Matrix:	Soil	Instrument:	GCMS5
Units:	ug/g (ppm)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	91	51	134
1,2-Dichloroethane-d4	103	51	137
Toluene-d8	95	54	139
4-Bromofluorobenzene	105	42	164

Compounds:	Concentration ug/g (ppm)	Compounds:	Concentration ug/g (ppm)
Dichlorodifluoromethane	<0.05	Tetrachloroethene	<0.05
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.05	Chlorobenzene	<0.05
Chloroethane	<0.05	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.05	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	Styrene	<0.05
trans-1,2-Dichloroethene	<0.05	Isopropylbenzene	<0.05
1,1-Dichloroethane	<0.05	Bromoform	<0.05
2,2-Dichloropropane	<0.05	n-Propylbenzene	<0.05
cis-1,2-Dichloroethene	<0.05	Bromobenzene	<0.05
Chloroform	<0.05	1,3,5-Trimethylbenzene	<0.05
2-Butanone (MEK)	<0.5	1,1,2,2-Tetrachloroethane	<0.05
1,2-Dichloroethane (EDC)	<0.05	1,2,3-Trichloropropane	<0.05
1,1,1-Trichloroethane	<0.05	2-Chlorotoluene	<0.05
1,1-Dichloropropene	<0.05	4-Chlorotoluene	<0.05
Carbon Tetrachloride	<0.05	tert-Butylbenzene	<0.05
Benzene	<0.03	1,2,4-Trimethylbenzene	<0.05
Trichloroethene	<0.03	sec-Butylbenzene	<0.05
1,2-Dichloropropane	<0.05	p-Isopropyltoluene	<0.05
Bromodichloromethane	<0.05	1,3-Dichlorobenzene	<0.05
Dibromomethane	<0.05	1,4-Dichlorobenzene	<0.05
4-Methyl-2-pentanone	<0.5	1,2-Dichlorobenzene	<0.05
cis-1,3-Dichloropropene	<0.05	1,2-Dibromo-3-chloropropane	<0.05
Toluene	<0.05	1,2,4-Trichlorobenzene	<0.05
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.05
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.05
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B3-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-10
Date Analyzed:	09/14/06	Data File:	091406.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	95	75	125
1,2-Dichloroethane-d4	92	67	133
Toluene-d8	109	79	129
4-Bromofluorobenzene	135	76	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

Note: The reporting limit for vinyl chloride is equal to the MDL.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	061329 mb
Date Analyzed:	09/14/06	Data File:	091404.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	95	75	125
1,2-Dichloroethane-d4	93	67	133
Toluene-d8	106	79	129
4-Bromofluorobenzene	132	76	145

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

Note: The reporting limit for vinyl chloride is equal to the MDL.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	B4-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&Bl 609091
Date Extracted:	09/26/06	Lab ID:	609091-13
Date Analyzed:	09/26/06	Data File:	092608.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	107	75	125
1,2-Dichloroethane-d4	121	67	133
Toluene-d8	110	79	129
4-Bromofluorobenzene	104	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	2.9
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	3.2
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&BI 609091
Date Extracted:	09/26/06	Lab ID:	061378 mb
Date Analyzed:	09/26/06	Data File:	092615.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	109	75	125
1,2-Dichloroethane-d4	121	67	133
Toluene-d8	108	79	129
4-Bromofluorobenzene	107	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B3-7-8	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-08
Date Analyzed:	09/20/06	Data File:	091924.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	78	18	150
Benzo(a)anthracene-d12	76	40	143

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B3-11-12	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-09
Date Analyzed:	09/20/06	Data File:	091919.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	80	18	150
Benzo(a)anthracene-d12	82	40	143

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	06-1327 mb
Date Analyzed:	09/15/06	Data File:	091508.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	81	36	135
Benzo(a)anthracene-d12	81	36	136

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B4-8.5-9'	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/25/06	Lab ID:	609091-12
Date Analyzed:	09/26/06	Data File:	092616.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	76 ca	18	150
Benzo(a)anthracene-d12	60	40	143

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&Bl 609091
Date Extracted:	09/25/06	Lab ID:	06-1369 mb
Date Analyzed:	09/25/06	Data File:	092506.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	67	18	150
Benzo(a)anthracene-d12	59	40	143

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Benzo(a)pyrene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B3-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/14/06	Lab ID:	609091-10
Date Analyzed:	09/18/06	Data File:	091814.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	139 vo	36	135
Benzo(a)anthracene-d12	42	36	136

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.2
Acenaphthylene	<0.2
Acenaphthene	<0.2
Fluorene	<0.2
Phenanthrene	<0.2
Anthracene	<0.2
Fluoranthene	<0.2
Pyrene	<0.2
Benz(a)anthracene	<0.2
Chrysene	<0.2
Benzo(b)fluoranthene	<0.2
Benzo(k)fluoranthene	<0.2
Benzo(a)pyrene	<0.2
Indeno(1,2,3-cd)pyrene	<0.2
Dibenz(a,h)anthracene	<0.2
Benzo(g,h,i)perylene	<0.2

vo - The value reported fell outside the control limits established for this analyte.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&BI 609091
Date Extracted:	09/15/06	Lab ID:	061328 mb
Date Analyzed:	09/18/06	Data File:	091804.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	104	36	135
Benzo(a)anthracene-d12	68	36	136

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Benzo(a)pyrene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	B4-H2O	Client:	Environmental Management Services
Date Received:	09/12/06	Project:	Spring Air, F&BI 609091
Date Extracted:	09/25/06	Lab ID:	609091-13 1/10
Date Analyzed:	09/27/06	Data File:	092713.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	127	36	135
Benzo(a)anthracene-d12	83	36	136

Compounds:	Concentration ug/L (ppb)
Naphthalene	<1
Acenaphthylene	<1
Acenaphthene	<1
Fluorene	<1
Phenanthrene	<1
Anthracene	<1
Fluoranthene	<1
Pyrene	<1
Benz(a)anthracene	<1
Chrysene	<1
Benzo(b)fluoranthene	<1
Benzo(k)fluoranthene	<1
Benzo(a)pyrene	<1
Indeno(1,2,3-cd)pyrene	<1
Dibenz(a,h)anthracene	<1
Benzo(g,h,i)perylene	<1

Note: The sample was diluted due to high levels of interfering compounds. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	Environmental Management Services
Date Received:	Not Applicable	Project:	Spring Air, F&BI 609091
Date Extracted:	09/25/06	Lab ID:	06-1374 mb
Date Analyzed:	09/26/06	Data File:	092615.D
Matrix:	Water	Instrument:	GCMS3
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	88 ca	36	135
Benzo(a)anthracene-d12	42	36	136

Compounds:	Concentration ug/L (ppb)
Naphthalene	<0.1
Acenaphthylene	<0.1
Acenaphthene	<0.1
Fluorene	<0.1
Phenanthrene	<0.1
Anthracene	<0.1
Fluoranthene	<0.1
Pyrene	<0.1
Benz(a)anthracene	<0.1
Chrysene	<0.1
Benzo(b)fluoranthene	<0.1
Benzo(k)fluoranthene	<0.1
Benzo(a)pyrene	<0.1
Indeno(1,2,3-cd)pyrene	<0.1
Dibenz(a,h)anthracene	<0.1
Benzo(g,h,i)perylene	<0.1

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 609091-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/g (ppm)	<0.02	<0.02	nm
Toluene	µg/g (ppm)	<0.02	<0.02	nm
Ethylbenzene	µg/g (ppm)	<0.02	<0.02	nm
Xylenes	µg/g (ppm)	<0.06	<0.06	nm
Gasoline	µg/g (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	µg/g (ppm)	0.5	92	53-123
Toluene	µg/g (ppm)	0.5	102	62-124
Ethylbenzene	µg/g (ppm)	0.5	102	59-124
Xylenes	µg/g (ppm)	1.5	100	58-123
Gasoline	µg/g (ppm)	20	95	58-137

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 609111-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/L (ppb)	<1	<1	nm
Toluene	µg/L (ppb)	<1	<1	nm
Ethylbenzene	µg/L (ppb)	<1	<1	nm
Xylenes	µg/L (ppb)	<3	<3	nm
Gasoline	µg/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	µg/L (ppb)	50	92	69-119
Toluene	µg/L (ppb)	50	102	70-123
Ethylbenzene	µg/L (ppb)	50	106	78-112
Xylenes	µg/L (ppb)	150	100	74-112
Gasoline	µg/L (ppb)	1,000	89	63-129

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 609093-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/g (ppm)	5,000	<50	97	106	82-133	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	µg/g (ppm)	5,000	97	69-142

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/g (ppm)	5,000	116	117	69-142	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS BY EPA METHOD 200.8

Laboratory Code: 609091-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/g (ppm)	24.4	14.8	49 hr	0-20
Arsenic	ug/g (ppm)	4.01	1.40	96 hr	0-20
Cadmium	ug/g (ppm)	<1	<1	nm	0-20
Lead	ug/g (ppm)	4.81	3.59	29 a	0-20

Laboratory Code: 609091-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/g (ppm)	50	24.4	124 b	50-150
Arsenic	ug/g (ppm)	10	4.01	121 b	50-150
Cadmium	ug/g (ppm)	10	<1	105	50-150
Lead	ug/g (ppm)	20	4.81	98 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/g (ppm)	50	129	70-130
Arsenic	ug/g (ppm)	10	129	70-130
Cadmium	ug/g (ppm)	10	112	70-130
Lead	ug/g (ppm)	20	115	70-130

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 609091-08 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	µg/g (ppm)	<0.2	<0.2	nm

Laboratory Code: 609091-08 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Mercury	µg/g (ppm)	0.125	<0.2	95	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	µg/g (ppm)	0.125	103	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS BY EPA METHOD 200.8

Laboratory Code: 609091-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	91.7	75.9	19	0-20
Arsenic	ug/L (ppb)	18.1	16.2	11	0-20
Cadmium	ug/L (ppb)	1.19	<1	nm	0-20
Lead	ug/L (ppb)	33.8	29.8	13	0-20

Laboratory Code: 609091-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	91.7	63 b	50-150
Arsenic	ug/L (ppb)	10	18.1	115 b	50-150
Cadmium	ug/L (ppb)	5	1.19	114 b	50-150
Lead	ug/L (ppb)	10	33.8	64 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	104	70-130
Arsenic	ug/L (ppb)	10	107	70-130
Cadmium	ug/L (ppb)	5	105	70-130
Lead	ug/L (ppb)	10	108	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL MERCURY USING EPA METHOD 1631E

Laboratory Code: 609091-10 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	µg/L (ppb)	<0.2	<0.2	nm

Laboratory Code: 609091-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Mercury	µg/L (ppb)	0.5	<0.2	103	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	µg/L (ppb)	0.5	99	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082

Laboratory Code: 609073-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Aroclor 1016	µg/g (ppm)	<0.1	<0.1	nm
Aroclor 1260	µg/g (ppm)	<0.1	<0.1	nm

Laboratory Code: 609073-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Control Limits
Aroclor 1016	µg/g (ppm)	0.8	<0.1	105	79-122
Aroclor 1260	µg/g (ppm)	0.8	<0.1	102	80-128

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	Acceptance Criteria
Aroclor 1016	µg/g (ppm)	0.8	99	73-135
Aroclor 1260	µg/g (ppm)	0.8	101	72-149

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/06
Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	µg/L (ppb)	2.5	94	85	52-135	10
Aroclor 1260	µg/L (ppb)	2.5	91	90	60-128	1

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR POLYCHLORINATED BIPHENYLS AS AROCLOR 1016/1260 BY EPA METHOD 8082

Laboratory Code: 609174-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Aroclor 1016	µg/g (ppm)	<0.1	<0.1	nm
Aroclor 1260	µg/g (ppm)	<0.1	<0.1	nm

Laboratory Code: 609174-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Control Limits
Aroclor 1016	µg/g (ppm)	0.8	<0.1	107	79-122
Aroclor 1260	µg/g (ppm)	0.8	<0.1	124	80-128

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	µg/g (ppm)	0.8	92	96	73-135	4
Aroclor 1260	µg/g (ppm)	0.8	92	92	72-149	0

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609193-09 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloroethane (EDC)	µg/L (ppb)	<1	<1	nm
1,1-Dichloropropene	µg/L (ppb)	<1	<1	nm
Benzene	µg/L (ppb)	<1	<1	nm
Trichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloropropane	µg/L (ppb)	<1	<1	nm
cis-1,3-Dichloropropene	µg/L (ppb)	<1	<1	nm
Toluene	µg/L (ppb)	<1	<1	nm
trans-1,3-Dichloropropene	µg/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	µg/L (ppb)	<1	<1	nm
1,3-Dichloropropane	µg/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	µg/L (ppb)	<1	<1	nm
Chlorobenzene	µg/L (ppb)	<1	<1	nm
Ethylbenzene	µg/L (ppb)	<1	<1	nm
1,1,1,2-Tetrachloroethane	µg/L (ppb)	<1	<1	nm
m,p-Xylene	µg/L (ppb)	<2	<2	nm
Styrene	µg/L (ppb)	<1	<1	nm
Bromobenzene	µg/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	µg/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	µg/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	µg/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	µg/L (ppb)	<1	<1	nm
p-Isopropyltoluene	µg/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	µg/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	µg/L (ppb)	<1	<1	nm
Hexachlorobutadiene	µg/L (ppb)	<1	<1	nm
Naphthalene	µg/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	µg/L (ppb)	<1	<1	nm

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609193-09 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
1,1-Dichloroethene	µg/L (ppb)	50	<1	128	49-130
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	<1	111	56-137
1,1-Dichloropropene	µg/L (ppb)	50	<1	98	76-122
Benzene	µg/L (ppb)	100	<1	109	76-112
Trichloroethene	µg/L (ppb)	100	<1	110	75-117
1,2-Dichloropropane	µg/L (ppb)	50	<1	108	75-121
cis-1,3-Dichloropropene	µg/L (ppb)	50	<1	110	67-125
Toluene	µg/L (ppb)	100	<1	115	69-129
trans-1,3-Dichloropropene	µg/L (ppb)	50	<1	112	63-136
1,1,2-Trichloroethane	µg/L (ppb)	50	<1	109	62-137
1,3-Dichloropropane	µg/L (ppb)	50	<1	109	63-134
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	<1	105	61-139
Chlorobenzene	µg/L (ppb)	50	<1	107	85-112
Ethylbenzene	µg/L (ppb)	50	<1	111	50-150
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	<1	114	78-123
m,p-Xylene	µg/L (ppb)	50	<2	111	50-150
Styrene	µg/L (ppb)	50	<1	117	50-150
Bromobenzene	µg/L (ppb)	50	<1	109	50-150
1,3,5-Trimethylbenzene	µg/L (ppb)	50	<1	115	50-150
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	<1	105	56-151
1,2,3-Trichloropropane	µg/L (ppb)	50	<1	107	51-144
1,2,4-Trimethylbenzene	µg/L (ppb)	50	<1	113	50-150
p-Isopropyltoluene	µg/L (ppb)	50	<1	119	50-150
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	<1	103	33-150
1,2,4-Trichlorobenzene	µg/L (ppb)	50	<1	108	50-150
Hexachlorobutadiene	µg/L (ppb)	50	<1	113	51-141
Naphthalene	µg/L (ppb)	50	<1	104	50-150
1,2,3-Trichlorobenzene	µg/L (ppb)	50	<1	103	50-150

FRIEDMAN & BRUYA, INC.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
1,1-Dichloroethene	µg/L (ppb)	50	105	53-135
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	101	67-137
1,1-Dichloropropene	µg/L (ppb)	50	91	66-121
Benzene	µg/L (ppb)	100	99	74-123
Trichloroethene	µg/L (ppb)	100	99	75-121
1,2-Dichloropropane	µg/L (ppb)	50	99	79-122
cis-1,3-Dichloropropene	µg/L (ppb)	50	103	79-134
Toluene	µg/L (ppb)	100	103	72-128
trans-1,3-Dichloropropene	µg/L (ppb)	50	106	80-134
1,1,2-Trichloroethane	µg/L (ppb)	50	100	77-125
1,3-Dichloropropane	µg/L (ppb)	50	100	80-124
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	98	77-131
Chlorobenzene	µg/L (ppb)	50	98	80-118
Ethylbenzene	µg/L (ppb)	50	101	70-130
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	105	81-126
m,p-Xylene	µg/L (ppb)	50	102	70-130
Styrene	µg/L (ppb)	50	107	70-130
Bromobenzene	µg/L (ppb)	50	102	70-130
1,3,5-Trimethylbenzene	µg/L (ppb)	50	107	70-130
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	98	80-134
1,2,3-Trichloropropane	µg/L (ppb)	50	100	77-122
1,2,4-Trimethylbenzene	µg/L (ppb)	50	106	70-130
p-Isopropyltoluene	µg/L (ppb)	50	112	70-130
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	99	80-130
1,2,4-Trichlorobenzene	µg/L (ppb)	50	105	70-130
Hexachlorobutadiene	µg/L (ppb)	50	115	65-135
Naphthalene	µg/L (ppb)	50	100	70-130
1,2,3-Trichlorobenzene	µg/L (ppb)	50	100	70-130

FRIEDMAN & BRUYA, INC.

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Date of Report: 10/04/06
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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609073-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
1,1-Dichloroethene	µg/g (ppm)	<0.05	<0.05	nm
1,2-Dichloroethane (EDC)	µg/g (ppm)	<0.05	<0.05	nm
Trichloroethene	µg/g (ppm)	<0.03	<0.03	nm

Laboratory Code: 609073-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
1,1-Dichloroethene	µg/g (ppm)	2.5	<0.05	74	40-127
1,2-Dichloroethane (EDC)	µg/g (ppm)	2.5	<0.05	96	62-127
Trichloroethene	µg/g (ppm)	5	<0.03	92	63-123

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
1,1-Dichloroethene	µg/g (ppm)	2.5	70	49-133
1,2-Dichloroethane (EDC)	µg/g (ppm)	2.5	93	67-137
Trichloroethene	µg/g (ppm)	5	90	70-122

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609111-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloroethane (EDC)	µg/L (ppb)	<1	<1	nm
Trichloroethene	µg/L (ppb)	<1	<1	nm

Laboratory Code: 609111-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
1,1-Dichloroethene	µg/L (ppb)	50	<1	97	49-130
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	<1	99	56-137
Trichloroethene	µg/L (ppb)	100	<1	93	75-117

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
1,1-Dichloroethene	µg/L (ppb)	50	89	53-135
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	94	67-137
Trichloroethene	µg/L (ppb)	100	89	75-121

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: 609091-09 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Naphthalene	µg/kg (ppb)	<5	<5	nm
Acenaphthylene	µg/kg (ppb)	<5	<5	nm
Acenaphthene	µg/kg (ppb)	<5	<5	nm
Fluorene	µg/kg (ppb)	<5	<5	nm
Phenanthrene	µg/kg (ppb)	<5	<5	nm
Anthracene	µg/kg (ppb)	<5	<5	nm
Fluoranthene	µg/kg (ppb)	<5	<5	nm
Pyrene	µg/kg (ppb)	<5	<5	nm
Benz(a)anthracene	µg/kg (ppb)	<5	<5	nm
Chrysene	µg/kg (ppb)	<5	<5	nm
Benzo(b)fluoranthene	µg/kg (ppb)	<5	<5	nm
Benzo(k)fluoranthene	µg/kg (ppb)	<5	<5	nm
Benzo(a)pyrene	µg/kg (ppb)	<5	<5	nm
Indeno(1,2,3-cd)pyrene	µg/kg (ppb)	<5	<5	nm
Dibenz(a,h)anthracene	µg/kg (ppb)	<5	<5	nm
Benzo(g,h,i)perylene	µg/kg (ppb)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	µg/kg (ppb)	170	76	80	57-111	5
Acenaphthylene	µg/kg (ppb)	170	71	75	61-108	4
Acenaphthene	µg/kg (ppb)	170	76	79	61-109	4
Fluorene	µg/kg (ppb)	170	77	81	61-110	5
Phenanthrene	µg/kg (ppb)	170	78	81	57-107	5
Anthracene	µg/kg (ppb)	170	75	78	57-101	4
Fluoranthene	µg/kg (ppb)	170	81	85	54-121	5
Pyrene	µg/kg (ppb)	170	79	84	57-115	5
Benz(a)anthracene	µg/kg (ppb)	170	67	71	57-107	6
Chrysene	µg/kg (ppb)	170	73	74	58-111	1
Benzo(b)fluoranthene	µg/kg (ppb)	170	74	75	55-131	2
Benzo(k)fluoranthene	µg/kg (ppb)	170	73	77	54-124	5
Benzo(a)pyrene	µg/kg (ppb)	170	64	68	51-108	6
Indeno(1,2,3-cd)pyrene	µg/kg (ppb)	170	85	88	48-128	4
Dibenz(a,h)anthracene	µg/kg (ppb)	170	88	91	37-147	4
Benzo(g,h,i)perylene	µg/kg (ppb)	170	81	85	45-132	4

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

FRIEDMAN & BRUYA, INC.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: 609090-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	µg/L (ppb)	5	<0.2	73	76	57-114	3
Acenaphthylene	µg/L (ppb)	5	<0.2	74	78	29-148	5
Acenaphthene	µg/L (ppb)	5	<0.2	77	80	54-131	5
Fluorene	µg/L (ppb)	5	<0.2	78	81	40-134	4
Phenanthrene	µg/L (ppb)	5	<0.2	77	82	50-150	6
Anthracene	µg/L (ppb)	5	<0.2	88	93	31-146	5
Fluoranthene	µg/L (ppb)	5	<0.2	84	88	32-132	4
Pyrene	µg/L (ppb)	5	<0.2	88	93	42-131	6
Benz(a)anthracene	µg/L (ppb)	5	<0.2	55	57	50-83	3
Chrysene	µg/L (ppb)	5	<0.2	69	76	53-86	9
Benzo(b)fluoranthene	µg/L (ppb)	5	<0.2	67	67	54-87	0
Benzo(k)fluoranthene	µg/L (ppb)	5	<0.2	81	88	55-88	9
Benzo(a)pyrene	µg/L (ppb)	5	<0.2	78	83	44-100	6
Indeno(1,2,3-cd)pyrene	µg/L (ppb)	5	<0.2	86	90	63-80	4
Dibenz(a,h)anthracene	µg/L (ppb)	5	<0.2	91	95	46-84	4
Benzo(g,h,i)perylene	µg/L (ppb)	5	<0.2	83	87	52-90	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	µg/L (ppb)	5	79	82	51-121	4
Acenaphthylene	µg/L (ppb)	5	75	79	56-127	6
Acenaphthene	µg/L (ppb)	5	79	82	52-128	4
Fluorene	µg/L (ppb)	5	80	84	53-130	5
Phenanthrene	µg/L (ppb)	5	80	81	50-126	0
Anthracene	µg/L (ppb)	5	91	94	51-129	3
Fluoranthene	µg/L (ppb)	5	83	84	53-133	2
Pyrene	µg/L (ppb)	5	81	83	57-126	2
Benz(a)anthracene	µg/L (ppb)	5	55	56	52-124	2
Chrysene	µg/L (ppb)	5	72	72	52-121	0
Benzo(b)fluoranthene	µg/L (ppb)	5	68	71	54-133	4
Benzo(k)fluoranthene	µg/L (ppb)	5	83	83	55-127	1
Benzo(a)pyrene	µg/L (ppb)	5	80	82	50-132	3
Indeno(1,2,3-cd)pyrene	µg/L (ppb)	5	89	92	48-130	3
Dibenz(a,h)anthracene	µg/L (ppb)	5	95	97	50-130	2
Benzo(g,h,i)perylene	µg/L (ppb)	5	86	88	46-128	2

Note: The calibration verification result for benz(a)anthracene exceeded 15% deviation. The average deviation for all compounds was less than or equal 15%, therefore the initial calibration is considered valid.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: 609145-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Naphthalene	µg/kg (ppb)	<5	<5	nm
Acenaphthylene	µg/kg (ppb)	<5	<5	nm
Acenaphthene	µg/kg (ppb)	<5	<5	nm
Fluorene	µg/kg (ppb)	8.5	13	42 a
Phenanthrene	µg/kg (ppb)	<5	<5	nm
Anthracene	µg/kg (ppb)	<5	<5	nm
Fluoranthene	µg/kg (ppb)	<5	<5	nm
Pyrene	µg/kg (ppb)	<5	<5	nm
Benz(a)anthracene	µg/kg (ppb)	<5	<5	nm
Chrysene	µg/kg (ppb)	<5	<5	nm
Benzo(b)fluoranthene	µg/kg (ppb)	<5	<5	nm
Benzo(k)fluoranthene	µg/kg (ppb)	<5	<5	nm
Benzo(a)pyrene	µg/kg (ppb)	<5	<5	nm
Indeno(1,2,3-cd)pyrene	µg/kg (ppb)	<5	<5	nm
Dibenz(a,h)anthracene	µg/kg (ppb)	<5	<5	nm
Benzo(g,h,i)perylene	µg/kg (ppb)	<5	<5	nm

Laboratory Code: 609145-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Naphthalene	µg/kg (ppb)	170	<5	70	52-109
Acenaphthylene	µg/kg (ppb)	170	<5	65	47-115
Acenaphthene	µg/kg (ppb)	170	<5	66	53-110
Fluorene	µg/kg (ppb)	170	<5	66	47-114
Phenanthrene	µg/kg (ppb)	170	<5	63	41-114
Anthracene	µg/kg (ppb)	170	<5	62	43-103
Fluoranthene	µg/kg (ppb)	170	<5	66	44-118
Pyrene	µg/kg (ppb)	170	<5	67	64-106
Benz(a)anthracene	µg/kg (ppb)	170	<5	61	51-111
Chrysene	µg/kg (ppb)	170	<5	66	48-115
Benzo(b)fluoranthene	µg/kg (ppb)	170	<5	66	57-120
Benzo(k)fluoranthene	µg/kg (ppb)	170	<5	61	58-117
Benzo(a)pyrene	µg/kg (ppb)	170	<5	63	53-108
Indeno(1,2,3-cd)pyrene	µg/kg (ppb)	170	<5	68	24-128
Dibenz(a,h)anthracene	µg/kg (ppb)	170	<5	69	27-135
Benzo(g,h,i)perylene	µg/kg (ppb)	170	<5	68	15-131

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

FRIEDMAN & BRUYA, INC.

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QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	µg/kg (ppb)	170	72	73	57-111	1
Acenaphthylene	µg/kg (ppb)	170	67	69	61-108	3
Acenaphthene	µg/kg (ppb)	170	68	70	61-109	3
Fluorene	µg/kg (ppb)	170	68	70	61-110	2
Phenanthrene	µg/kg (ppb)	170	65	68	57-107	4
Anthracene	µg/kg (ppb)	170	64	67	57-101	5
Fluoranthene	µg/kg (ppb)	170	67	70	54-121	4
Pyrene	µg/kg (ppb)	170	67	70	57-115	4
Benz(a)anthracene	µg/kg (ppb)	170	65	66	57-107	4
Chrysene	µg/kg (ppb)	170	70	71	58-111	4
Benzo(b)fluoranthene	µg/kg (ppb)	170	68	71	55-131	3
Benzo(k)fluoranthene	µg/kg (ppb)	170	62	65	54-124	6
Benzo(a)pyrene	µg/kg (ppb)	170	62	65	51-108	5
Indeno(1,2,3-cd)pyrene	µg/kg (ppb)	170	71	74	48-128	4
Dibenz(a,h)anthracene	µg/kg (ppb)	170	73	75	37-147	3
Benzo(g,h,i)perylene	µg/kg (ppb)	170	71	74	45-132	4

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Date Received: 09/12/06
Project: Spencer Law Firm Spring Air, F&BI 609091

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR PNA'S BY EPA METHOD 8270C SIM

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Naphthalene	µg/L (ppb)	5	69	72	51-121	4
Acenaphthylene	µg/L (ppb)	5	67	70	56-127	4
Acenaphthene	µg/L (ppb)	5	69	72	52-128	5
Fluorene	µg/L (ppb)	5	67	70	53-130	5
Phenanthrene	µg/L (ppb)	5	65	68	50-126	5
Anthracene	µg/L (ppb)	5	69	73	51-129	6
Fluoranthene	µg/L (ppb)	5	67	71	53-133	5
Pyrene	µg/L (ppb)	5	67	71	57-126	6
Benz(a)anthracene	µg/L (ppb)	5	62	63	52-124	2
Chrysene	µg/L (ppb)	5	66	68	52-121	2
Benzo(b)fluoranthene	µg/L (ppb)	5	61	64	54-133	6
Benzo(k)fluoranthene	µg/L (ppb)	5	74	79	55-127	6
Benzo(a)pyrene	µg/L (ppb)	5	69	74	50-132	7
Indeno(1,2,3-cd)pyrene	µg/L (ppb)	5	69	74	48-130	7
Dibenz(a,h)anthracene	µg/L (ppb)	5	70	74	50-130	6
Benzo(g,h,i)perylene	µg/L (ppb)	5	67	72	46-128	7

609091

SAMPLE CHAIN OF CUSTODY

ME 09-12-06 V1/ V-1 AI2/A04

Page # 1 of 2

Send Report To Steve Spencer

Company Environmental Management Services, LLC

Address 652 8th Avenue

City, State, ZIP Fox Island, WA 98333

Phone # (253) 921-7059 Fax # (253) – 369-6228

SAMPLERS (signature) Collette A. Foley

PROJECT NAME/NO. Spencer Law Firm Spring Air

PO #

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel - 8270	TPH-Gasoline	BTEX by 8021B	cVOCs by 8260	SVOCs by 8270	HFS	TOTAL LEAD	MTCA 5 - metals	PCB'S	PAH'S			Notes
B1-7-8'	01 A-C	9/12	8:30	SOIL	14 oz Jar	X	X	X				X						Hold.
B1-10-12'	02 A-C					X	X	X				X						Hold
B1-H2O	03 A-D					X	X	X				X						
B2-3-4	04					X	X	X				X						
B2-7-8	05 A-C					X	X	X				X						Hold
B2-10-10.5	06 A-C					X	X	X				X						
B2-H2O	07 A-D					X	X	X				X						
B3-7-8	08 A-C					X	X	X	X				X	X	X			
B3-11-12	09 A-C					X	X	X	X				X	X	X			
B3-H2O	10 A-D					X	X	X	X				X	X	X			

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Collette A. Foley	Collette A. Foley	EMS	9/12/06	3:05 pm
Received by:	[illegible]	Michael Eichler	FE Bruya	9/12/06	3:05 pm
Relinquished by:					
Received by:			Samples received at 25 °C		

609C71

SAMPLE CHAIN OF CUSTODY ME09-12-06

V3/AI2/A /V1

Page # 2 of 2

Send Report To Steve Spencer

Company Environmental Management Services, LLC

Address 652 8th Avenue

City, State, ZIP Fox Island, WA 98333

Phone # (253) 921-7059 Fax # (253) – 369-6228

SAMPLERS (signature) Collette A. Foley

PROJECT NAME/NO. Spencer Law Firm Spring Air

PO #

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Total Lead	PAH	PCB				Notes
B4-7-8'	11 A-C	9/12/06	11:30	Soil	3	X	X	X				X						X do not analyze
B4-8.5-9'	12 A-C		11:30 am	Soil	3	X	X	X	X			X	X	X				per SS
B4-H2O	13 A-D		1:00 pm	~~Water~~ H2O	4	X	X	X	X			X	X	X				MS 9/12/06

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Collette A. Foley	Collette A. Foley	EMS	9/12/06	3:05
Received by:	Michael Edwards	Michael Edwards	F&B	9/12/06	3:05
Relinquished by:					
Received by:			Samples received at		25 °C

Attachment B

Boring Logs

Attachment B

Attachment C

Professional Qualifications

Attachment C

EMS PROFESSIONAL QUALIFICATIONS

Environmental Management Services

Environmental Management Services (EMS) is an environmental services company providing practical environmental compliance solutions to clients throughout the Northwest. EMS understands the importance of blending a variety of expertise and experience in order to provide our clients the most effective support in addressing their projects needs. Our professionals combine a high level of technical ability with a broad understanding of the overall regulatory compliance requirements.

As an environmental services and consulting company, EMS is obligated to maintain a broad understanding of the most current regulatory compliance requirements, local and state permitting requirements and our regions environmental advocacy group's positions. EMS provides our clients the services they require by offering non-biased, practical, realistic solutions while maintaining positive relations with the regulatory community.
EMS associates have completed projects including remediation design and management, facility regulatory compliance reviews, due diligence assessments, regulatory compliance training for clients throughout the northwest in all avenues of business. The diverse background of our associates complements the diverse nature of our clientele providing better understanding of our client's needs and ultimate goals for their projects.

The information in the following pages outlines our experience and capabilities in providing environmental management and consulting services.

Stephen M. Spencer, LRA, LSA
Principal Environmental Scientist

Mr. Spencer started his career in the environmental services and construction industry in 1987. During his career, Mr. Spencer has worked on and successfully completed projects in many varied aspects of the environmental industry. During the past eight years, as a Senior Project Manager, Mr. Spencer has successfully completed jobs totaling over twenty million dollars for clients throughout the Northwest. His forte is in facility assessment, due diligence investigation, health & safety program development and remediation management. Mr. Spencer has established positive working relationships with regulatory agencies throughout the northwest, affording his clients a superior level of confidence in his approach to their specific project. The majority of Mr. Spencer's remediation projects have been completed through the Washington State Department of Ecology voluntary cleanup program and ultimately received a "No Further Action" status.

Mr. Spencer's skills as a project manager frequently result in significant savings in both time and budget to his clients. He is proficient in report writing providing a clear, concise detail of project activities including supporting documents and figures. His client's have ranged from property owners and facility operators to the regulatory agencies themselves. Mr. Spencer's overall understanding of environmental compliance

requirements provides a unique perspective on assessing potential and realized environmental risk and a creative understanding of remediation technique.

William E. Halbert, LPG/LPHG/LEPG

Sr. Environmental Hydrogeologist / Engineering Geologist

Mr. Halbert has over 20 years of environmental, geological, hydrogeological and engineering geological experience with the past 16 years in Washington State. His expertise lies in the investigation and remediation of subsurface contamination of soil and ground water at various facilities including bulk plants, refineries and manufacturing plants.

Mr. Halbert is registered and licensed with the State of Washington as a professional geologist, hydrogeologist, and engineering geologist. His affiliations with several organizations including the Association of Groundwater Scientists and Engineers, Association of Engineering Geologists and the Geological Society of America provide his clients the security that their specific regulatory compliance issue will be managed correctly meeting the most current compliance requirements.

Jason G. Cook, RG, MS

Licensed Geologist / Environmental Scientist

Jason G. Cook is a Registered Geologist (#G1990) in Oregon with pending reciprocity in Washington, Illinois and Florida.

Mr. Cook's educational background is concentrated in the disciplines of geology and geography, at both the undergraduate and graduate levels, focusing in environmental and engineering geology. Mr. Cook has been working in the environmental industry for approximately six years primarily in the Seattle and Portland markets, with experience ranging from *due diligence*, geotechnical and environmental fieldwork to project management and client-relations/marketing, creating a unique, diverse and multiple skills set.

As Project Manager for a national environmental consulting firm, the design, coordination, implementation and management of large-scale environmental projects, (i.e. gasoline station/UST decommissioning and subsequent monitoring) was often implemented, specifically requiring the ability to work with a diverse, multi-disciplinary work group, ranging from engineers to excavators, assuring that the project meets budget/time restraints and achieving client expectations, while adhering to a stringent health and safety protocol as well as any applicable local, state and federal environmental regulatory standards/requirements.

EMS PROFESSIONAL QUALIFICATIONS

Mr. Cook is well versed in the areas of *due diligence* and field activities, including conducting Phase I and Phase II Environmental Site Assessments, wetland assessments/delineations, asbestos surveys, soil and groundwater sampling, well installation, soil compaction analysis, stormwater sampling and permitting, GIS map construction, statistical analysis and presentation, spreadsheet construction, soil classification and geotechnical laboratory analysis.

Mary Loftfield, MS, LSA
Environmental Scientist

Mary Loftfield is a soil scientist trained in the assessment, research and design, and field implementation of bioremediation solutions for site clean-up. She has had five years of experience designing supervising remediation projects in the Pacific Northwest. Ms. Loftfield also has extensive experienced in laboratory and field techniques for the evaluation and analysis of water quality, soil and plant chemistry, and microbiology. She specializes in soil and plant remediation (phytoremediation).

Working through the voluntary clean up program Ms. Loftfield has successfully used bioremediation strategies she developed and tested in the laboratory and greenhouse in the field. She successfully used soil amendments to sequester and degrade pollutants in the soil, preventing them from harming human health and the environment. Research into phytoremediation (plant remediation) resulted in field projects using tress to take up and degrade chlorinated solvents and using rhizosphere (rooting zone) remediation to degrade hydrocarbons. Ms. Loftfield's' extensive understanding of environmental chemistry and risk assessment as well as her knowledge of passive remediation strategies offer another approach site investigations and cleanups under the Model Toxics Control Act (MTCA) and corrective Action under RCRA/Dangerous Waste.

Collette Foley, LBI
Environmental Scientist / Geologist

Ms. Foley received here Bachelors degree in Geology and Environmental Science in 2003 form Pacific Lutheran University. Ms. Foley has one year of experience as a HAZMAT instructor including 40-hour and 24-hour HAZWOPER certification, 8-hour HAZWOPER refresher, 30 hour OSHA Compliance instruction and confined spaces certification. Ms. Foley has two years experience as a field geologist / hydrogeologist conducting Phase I due diligence investigations, sub-surface investigations and hydrogeologic regional characterization.

Ms. Foley's current position is as Project Hydrogeologist / Environmental Scientist. Ms. Foley performs a variety of field activities associated with drilling and installing monitoring wells, completing subsurface investigation and Phase I Environmental Site Assessments.

Environmental Services
emsgroupllc.com

Boring Number:	B1	Sheet Number:	1	of	1
Job Name:	Spring Air	Date:	9/12/2006		
Client:	Spencer Law Firm				
Location:	725 E. 25th Street, Tacoma				
Casing Depth:	n/a	Casing Elevation:	n/a	Drilling	
Well Screen Size:	n/a	Water Level:	10' bgs	Start	Finish
Surface Conditions:	Dry asphalt parking lot	Time:		8:30	8:50
Longitude:					
Latitude:					
Comments:	Some loss of sample recovery occurred due to large gravel pieces clogging the macroliner.				

Inches Driven	Inches Recovered	Sample Number	Sample Depth	Field Reading	Depth to Water		Soil Description
						0	0 - 6": asphalt and fill
							6" - 4': brown and gray sand and gravel fill material, dry
						1	
						2	
						3	
	24"					4	4 - 7: sluff -brown and gray sand and gravel fill material
						5	
						6	
						7	7 - 8: red-orange brick piece, brown and gray sand and gravel fill material, dry
		B1	7 - 8'				
	24"					8	8 - 10: brown and gray sand and gravel fill material, dry
						9	
					▽	10	10 - 11: brown sand and gravel fill material, moist to wet
		B1	10.5-11'				
						11	11 - 12: gray gravel and sand fill material, small amoint of charred wood at ~11ft
	30"					12	

Environmental Services
emsgroupllc.com

Boring Number:	B2	Sheet Number:	1	of	1
Job Name:	Spring Air	Date:	9/12/2006		
Client:	Spencer Law Firm				
Location:	725 E. 25th Street, Tacoma				
Casing Depth:		Casing Elevation:	n/a	Drilling	
Well Screen Size:		Water Level:	10' bgs	Start	Finish
Surface Conditions:			Time:	9:20	9:40
		Longitude:			
		Latitude:			
		Comments:	Some loss of sample recovery occurred due to large gravel pieces clogging the macroliner.		

Inches Driven	Inches Recovered	Sample Number	Sample Depth	Field Reading	Depth to Water			Soil Description
						0	-	0 - 6": asphalt and fill
							-	6" - 2': brown and gray sand and gravel fill material, dry
						1	-	
							-	
						2	-	2 - 2.5: charcoal
							-	2.5 - 3: gray gravel and sand fill material, dry
		B2	3.5-4'			3	-	3 - 4: brown and gray sand and gravel fill material, dry
							-	
—	36"					4	-	no return to 6.5 ft
							-	
						5	-	
							-	
						6	-	
							-	6.5 - 8: brown sand and gravel fill material, dry
						7	-	
		B2	7.5-8'				-	
—	18"					8	-	8 - 10: brown to gray sand and gravel fill material, dry
							-	
						9	-	
							-	9.5 - 10.5: gray saturated sandy fill material
		B2	10'		▽	**10**	-	
							-	10.5 - 11: gray silty clay, moist
						11	-	11 - 12: gray clay, dry and solid
	20" 1st attempt						-	
—	30" 2nd push					12	-	
							-	

Environmental Services
emsgroupllc.com

Boring Number:	B3	Sheet Number:	1	of	1
Job Name:	Spring Air	Date:	9/12/2006		
Client:	Spencer Law Firm				
Location:	725 E. 25th Street, Tacoma				
Casing Depth:		Casing Elevation:	n/a	Drilling	
Well Screen Size:		Water Level:	10' bgs	Start	Finish
Surface Conditions:			Time:	10:10	10:30
		Longitude:			
		Latitude:			
		Comments:	Some loss of sample recovery occurred due to large gravel pieces clogging the macroliner.		

Inches Driven	Inches Recovered	Sample Number	Sample Depth	Field Reading	Depth to Water		Soil Description
						0	0 - 6": asphalt and fill
							6" - 2.5': brown sand and gravel fill material, dry
						1	
						2	
							2.5 - 4: lighter brown gravel and sand fill material, dry
						3	
—	42"					4	4 - 6: gray silty fill, dry with rock blocking full return
						5	
						6	6 - 8: no return
						7	
		B3	7-8'				
—	24"					8	8 - 9.5: gray sandy fill , dry to moist
						9	
					▽		9.5 - 10.5: gray silty fill with some gravel, wet
						10	
		B3	10.5-11				10.5 - 11: gray silty fill with less gravel, moist
						11	11 - 12: gray to brown silty fill material, dry
—	48"					12	

ems Environmental Services
emsgroupllc.com

Boring Number:	B4	Sheet Number:	1	of	1
Job Name:	Spring Air	Date:	9/12/2006		
Client:	Spencer Law Firm				
Location:	725 E. 25th Street, Tacoma				
Casing Depth:		Casing Elevation:	n/a	Drilling	
Well Screen Size:		Water Level:	10' bgs	Start	Finish
Surface Conditions:			Time:	10:40	12:00
GPS	Longitude:				
	Latitude:				
	Comments:	Some loss of sample recovery occurred due to large gravel pieces clogging the macroliner.			

Inches Driven	Inches Recovered	Sample Number	Sample Depth	Field Reading	Depth to Water		Soil Description
						0	0 - 6": asphalt and fill
							6" - 4: gray sand and gravel fill material, dry, with brick
						1	
						2	
						3	
—	30"					4	4 - 6: gray sand and gravel fill material, dry
						5	
						6	
							6.5 - 8: no return
						7	
		B4	7-8'				
—	18"					8	8 - 10: gray sand with gravel fill material, petroleum odor
		B4	8.5-9'				moist
						9	
					▽	**10**	10 - 11: gray sand with gravel fill material, saturated, petrol odor
						11	11 - 11.75: gray silt, dry and solid
							11.75 - 12: brown silt
—	48"					12	

Cleanup Site Details

Cleanup Site ID: 5476

Cleanup Site ID: 5476 **Facility/Site ID:** 9111625 **UST ID:** 6904 Site Page Site Documents View Map

Cleanup Site Name: SPRING AIR NORTHWEST Glossary

Alternate Names: CARMAN MFG CO, SPRING AIR NORTHWEST, SPRING AIR NW CARMAN MFG CO, SPRING AIR NW DIV CARMAN MFG CO

LOCATION

Address: 725 E 25TH ST **City:** TACOMA **Zip Code:** 98421 **County:** Pierce

Latitude: 47.24085 **Longitude:** -122.42451 **WRIA:** 10 **Legislative District:** 27 **Congressional District:** 9 **TRS:**

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** Yes

Statute: MTCA **NFA Date:** N/A **Current VCP?** Yes **Past VCP?** Yes

Site Rank: N/A **NFA Reason:** N/A **Brownfield?** No

Site Manager: Meng, Sam **Responsible Unit:** Headquarters **Active Institutional Control?** No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
SPRING AIR NW-DIV CARMAN MFG CO	Upland	Cleanup Started	HQ	Meng, Sam	Standard Voluntary Cleanup Program

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
There are no current Institutional Controls in effect for this site.						

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Petroleum Products-Unspecified		C				
Petroleum-Other	C					
Polychlorinated biPhenyls (PCB)	B					

Key:
B - Below Cleanup Level C - Confirmed Above Cleanup Level RA - Remediated-Above
S - Suspected R - Remediated RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Site Discovery/Release Report Received	Completed		6/24/1998
Initial Investigation / Federal Preliminary Assessment	Completed		6/24/1998
LUST - Notification	Completed		9/8/1998
VCP Opinion on Remedial Investigation Work Plan	Completed	9/8/1998	5/18/2006
LUST - Site Assessment Report	Completed		9/22/1998
LUST - Site Assessment Report	Completed		9/22/1998
LUST - Site Assessment Report	Completed		10/7/1998

Cleanup Site Details

Cleanup Site ID: 5476

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
VCP Opinion on Remedial Investigation	Completed	11/9/2006	12/28/2006
VCP Opinion on Remedial Investigation	Completed	5/29/2007	6/15/2007
VCP Opinion on Remedial Investigation Work Plan	Completed	12/20/2007	3/11/2008
VCP Receipt of Plan or Report	Completed		7/19/2010
VCP Status Request	Completed	4/14/2015	7/25/2016
VCP Receipt of Plan or Report	Completed		7/27/2016
VCP Receipt of Plan or Report	Completed		10/11/2016

Underground Storage Tank System Summary

UST ID: 6904

Site Name: SPRING AIR NW DIV CARMAN MFG CO							Glossary
UST ID:	6904	**Facility/Site ID:**	9111625	**Latitude:**	47.24085	**Active Tag(s):**	N/A
Address:	725 E 25TH ST			**Longitude:**	-122.42451	**Responsible Unit:**	Southwest
	TACOMA, WA 98421			**County:**	Pierce		

Tank Summary

Tank Name	Tank Status	Tank Install Date
1	Removed	12/31/1964

Tank Name: 1			**Tank Status:** Removed
Tank Installation:	12/31/1964	**Tank Upgrade:**	**Business License Endorsement Expiration:**
Tank Status Date:	8/6/1996	**Piping Installation:**	**Tank Permanently Closed Date:**

Tank Information	Piping Information
Material:	**Material:**
Construction:	**Construction:**
Corrosion Protection:	**Corrosion Protection:**
Manifolded Tank:	**SFC* at Tank:**
Release Detection:	**SFC* at Dispenser/Pump:**
Tightness Test:	**Primary Release Detection:**
Spill Prevention:	**Secondary Release Detection:**
Overfill Prevention:	**Pumping System:**
Actual Capacity:	**Turbine Sump Construction:**
Capacity Range:	*SFC = Steel Flex Connector

Compartment	Substance Stored	Substance Used	Capacity
1			

ECI environmental services
www.ecocononline.com
Anchorage | Tacoma | Portland

October 10, 2016

Mr. Joe Carman
c/o Spencer Law Firm
1326 Tacoma Avenue South
Tacoma, Washington 98402

Re: **Remedial Investigation Workplan**

Spring Air Northwest
725 East 25th Street
Tacoma, Washington

Mr. Carman:

EcoCon, Inc. (ECI) appreciates the opportunity to submit this Remedial Investigation Workplan for the property located at 725 East 25th Street in Tacoma, Washington (the Property). It is our understanding that the Washington State Department of Ecology (Ecology) recently issued a letter titled "Request for Information on Status of VCP Project", dated April 14, 2015 (Attached). This letter specifically requests the following information:

- Cleanup Status Report;
- Any Reports Documenting the Cleanup; and,
- Plan and Schedule for Completing the Cleanup.

Per your request, ECI competed a review of all available records relating to environmental work completed the Property and is prepared to produce a Cleanup Status Report and provide any available environmental reports not already submitted to Ecology. ECI's review, as summarized in this proposal, also identified the first steps necessary to communicate a plan and schedule for completing the cleanup.

In order to evaluate cleanup alternatives, Ecology requires that the "Site" is fully defined. The Site is defined by Ecology as the full vertical and lateral extent of contamination resulting from a release of hazardous substances. In this instance, the impacts to soil and groundwater from a release of petroleum hydrocarbons associated with the former fueling station on the northwest corner of the Property. As described below, Ecology has determined that this Site is not currently defined.

Site Location and Description

The Property consist of a single tax parcel (Pierce County #2075270010), currently improved with a manufacturing building and parking lot in the upland edge of the industrial Tacoma Tideflats area. Land use in the vicinity includes rail yards, a transit station, train station, and industrial and commercial businesses.

Historical use of the Property, on the portion where the current 1891-vintage building exists, has included manufacturing (furniture and mattress), a warehouse company, and a heating and boiling company. The area of the Property currently utilized for parking was developed by at least 1896, and has included lumber/wood storage, part of a sawmill and engine shop, a fuel and service station, and a restaurant.

Previous Environmental Investigations

Previous research has uncovered the following recognized environmental conditions (RECs) associated with the Site: three underground storage tanks (USTs) associated with the gasoline service station in the northwest corner of the Site, a storage area for varnish and oil in the vicinity of the current parking garage, and a UST that fueled the building's boiler.

Heating Oil UST

Environmental investigative and remedial activities began in 1986, with the reporting of one UST on the Property, associated with the boiler at the manufacturing facility. This approximately 7,000-gallon diesel UST is located under the current building and was closed in place in 1989 by Don Golden Company. One soil sample was collected from the UST area and analyzed for TPH. The soil sample contained a reported TPH concentration of 53.2 mg/kg, below the Model Toxics Control Act (MTCA) Cleanup Level of 2,000 mg/kg.

A Level I Site Assessment was later conducted by Creative Environmental Technologies, Inc. (CETI). Three soil borings were advanced in the vicinity of the former boiler, which confirmed significant free-phase hydrocarbon contamination in two of the three borings.

In August 1998, CETI conducted a Level II site assessment to further investigate environmental concerns identified in the Level I assessment. Thirty three borings were drilled in the boiler UST area north of the building, one test pit adjacent to the factory building (the exact disposition is unknown), one temporary monitoring well, and three permanent monitoring wells were installed (MW3 through MW5). Selected soil samples were analyzed for DRO, ORO, chlorinated solvents, PCBs, total metals, volatile organic compounds (VOCs), and polycyclic aromatic hydrocarbons (PAHs). Visible free product was encountered in several borings (B1, B4, B5, B6, B10, B17, B19, and B22) and a lens of diesel/heating oil was identified between five and eight feet bgs. The concentration of DRO in B1, which was used as a temporary monitoring well, exceeded the MTCA Method A cleanup level at 41,500 µg/L. Additional analysis of the soil sample from B31 included EPH/VPH and PAH analysis, which confirmed diesel as the predominant hydrocarbon at the Site. B31 contained concentrations of DRO in excess of MTCA Method A cleanup levels, and cPAH concentrations in slight excess of the Method B cleanup levels for benzo[a]anthracene, chrysene, and benzo[a]pyrene.

The Site was entered into the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program (VCP) in September 1998, with a request for opinion on a proposed remedial action. Ecology approved CETI's November 1998 Cleanup Action Plan (CAP), which utilized the remedial alternative of removing contaminated soil outside the building and using a pump and treat system inside the building,

with possible bioventing later on. Quarterly groundwater monitoring was approved for five years (monthly for the first six months).

Following the Level II site assessment, CETI excavated the diesel-contaminated soil from the parking lot and up to within several feet of the north and east walls of the building. A total of 2,804 tons of contaminated soil was transported offsite for disposal. Diesel-contaminated soil remained under the building, so an impermeable geomembrane was installed vertically between the contaminated soil in place near the building and the clean fill material. The pump and treat system outlined in the CAP was approved by Ecology and installed by CETI in 1999 to remove the remaining free-phase hydrocarbons from the Site. Six recovery wells were installed inside the building (RW1 through RW6) and two were installed outside, near the northeast corner of the building (RW7 and RW8). Approximately 100 gallons of free product were sequestered during the two years the pump and treat system was in operation. In April 2001, the system was shut off and the pumps were removed from recovery wells, due to the results of groundwater sampling and reduced amount of product recovery. Several years of groundwater monitoring was then conducted by Sound Environmental Strategies (SES), which effectively shows a stable groundwater plume which is laterally defined.

In September 2006, a prospective purchaser of the Property contracted a Phase I and II Environmental Site Assessment at the Site from Swift Creek Environmental (SCE). Piezometers were installed as part of the investigation to determine groundwater flow at the Site. SCE performed a limited subsurface investigation which included the collection of groundwater samples from existing monitoring wells (RW-2 and MW-4) on March 27, 2006, and groundwater and soil samples from recently installed temporary piezometers (MWA and MWB), boring B-3, and existing monitoring well MW-4. One soil sample was collected from B-3 (northwest of the former boiler), MWA, and MWB and analyzed for DRO, VOCs, semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and Resource Conservation and Recovery Act (RCRA) metals, including arsenic, barium, cadmium, chromium, lead, mercury, silver, and selenium. Groundwater samples were collected and analyzed for DRO, VOCs, SVOCs, PCBs, and RCRA metals. SCE concluded metals concentrations were consistent with background levels in soil. No PCBs, SVOCs, or VOCs were detected in soil. The groundwater samples collected from MWA and MWB contained concentrations of DRO and ORO in excess of the MTCA Method A Cleanup Level.

Gasoline Service Station

As part of the Level I Site Assessment conducted by CETI in 1998, a geophysical survey was conducted by Apollo Geophysics in July 1998 in the area of the former service station. The geophysical survey identified three USTs: one 550-gallon, one 1,000-gallon, and one 2,000-gallon tank. The USTs were removed by Environmental Tank Services (ETS) under the direction of CETI in July 1998. Soil impacted with concentrations of diesel-, oil-, and gasoline- range organics (DRO, ORO, and GRO) below MTCA Method A cleanup levels was encountered in the fill material of the removed gas station USTs. Confirmation soil samples from the UST basin excavation indicated concentrations of all analytes below laboratory reporting limits (non-detect) and well below MTCA Method A cleanup levels.

In an effort to further characterize the release identified in the area of the former fueling station, Environmental Management Services (EMS) advanced four borings (B1 through B4) to twelve feet bgs in

the northwest corner of the Property. Soil and groundwater samples were collected and analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), GRO, DRO, and ORO. Selected samples were also analyzed for the presence of VOCs, PAHs, PCBs, and metals (arsenic, cadmium, chromium, lead, and mercury). GRO was detected at a concentration exceeding the MTCA Method A cleanup level in soil samples collected from boring B4. Groundwater collected from B4 also contained concentrations of DRO and ORO exceeding MTCA Method A cleanup levels. Groundwater collected from B1, B3, and B4 contained concentrations of lead in excess of the MTCA Method A Cleanup Level of 15 ug/L and the groundwater sample collected from B3 contained a concentrations of chromium exceeding the MTCA Method A cleanup level.

On June 15, 2007 Ecology provided an opinion on the completed remedial actions for the Site, which concluded that further characterization was necessary to adequately define the contamination associated with the former service station. Specifically:

- Petroleum hydrocarbon contamination in soil;
- Metals in soil;
- Petroleum hydrocarbons in groundwater;
- Volatile organic compounds in groundwater; and,
- Metals in groundwater.

Ecology suggested that groundwater monitoring wells should be installed in order to define the extent of this contamination. Ecology's opinion letter is attached to this proposal.

PROPOSED SCOPE OF WORK

Focused Subsurface Investigation

Included in this FSI will be the survey and identification of subsurface utilities, and the collection and analysis of soil and groundwater samples from multiple locations in the area of the former service station. ECI also proposes to collect groundwater samples from the existing well network originally installed to define the nature and extent of the DRO and ORO contamination. ECI will then compile the data acquired and complete a detailed report providing the FSI findings, opinions and recommendations.

Pre-Sampling Activities

- Public and Private utility location identification at the Site
- Preparation of Site-Specific Health and Safety Plan (HASP)

Limited Geophysical Survey

Prior to completing the sample collection portion of the project, ECI will complete a thorough non-invasive geophysical survey of the Site, using electromagnetic survey techniques. The intent of the limited geophysical survey is to locate and trace subsurface utilities and other buried equipment and "clear" each boring location.

Sample Collection

ECI will complete up to eight (8) borings using direct push sampling techniques as shown on the attached "Figure 3". Exact boring locations will be determined in the field by a qualified environmental professional based on geophysical survey data, utility locations and site observations. All drilling will be completed by a licensed driller as required in Washington Administrative Code (WAC) 173-160.

Soil will be field-screened utilizing olfactory techniques and physical observations such as soil staining and sheen presence prior to sample collection. Soil samples locations will be determined in the field by a qualified environmental professional. All soil samples will be collected in accordance with industry standard sampling techniques.

If groundwater is encountered, samples will be collected using industry standard techniques, including the use of low flow sampling equipment and disposable (single-use) polyethylene and silicon tubing.

Following collection, each discrete sample will be placed in new, laboratory provided containers and assigned unique sample identification numbers (e.g. B1-4'-022514). Volatile Organic Compounds (VOC) soil samples will be collected using the Washington State Department of Ecology (Ecology) -required Environmental Protection Agency (EPA) 5035 sampling collection method. Samples will then be placed into a container maintained at 4° Celsius until delivered to an on-site mobile laboratory.

Based on the results of the soil and groundwater samples, four of the eight soil borings will be completed as 1-inch diameter resource protection wells constructed of 5 feet of blank PVC casing, flush-threaded to approximately 10 feet of 0.010-inch slotted well screen. The depth of the slotted well screen section may vary and will be determined by a qualified environmental professional based on the observed soil groundwater interface.

ECI will collect groundwater samples from the newly installed wells in addition to those already installed on the Property. Based on the most recent groundwater sampling event conducted by SES, ECI understands there are 13 monitoring existing wells or recovery wells which can be accessed and sampled.

Groundwater samples will be collected in accordance with American Society of Testing and Materials (*ASTM) Guideline* D6771-02 "*Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations*".

ECI field staff will follow the procedures described below when collecting groundwater samples:

- The cap from the monitoring well will be removed and the groundwater level will be allowed to equilibrate to atmospheric pressure for a minimum of 20 minutes.
- The depth to groundwater in the monitoring well will be measured relative to the top of the well casing using an electronic water-level meter.
- Each monitoring well will be purged at a low-flow rate (100 to 300 milliliters per minute) using a peristaltic pump and dedicated polyethylene tubing. Temperature, and specific conductivity will be monitored during purging using a water quality meter to determine when these parameters stabilize.

Dissolved oxygen, oxidation-reduction potential, and pH will also be measured as they are important factors for the solubilization and mobilization of metals.

Regulatory Compliance

Regulatory compliance for this project is based on the WAC 173-340 –MTCA – Revised Code of Washington (RCW) Chapter 70.105D, implemented by Ecology. Pursuant to Chapter 70.105D RCW, Ecology has established cleanup standards and requirements for the cleanup actions (MTCA).

The rules establishing these standards and requirements were developed by Ecology in consultation with the Science Advisory Board (established under the Act) and with representatives from local government, citizen, environmental, and business groups. The rules were first published in February 1991, with amendments in January 1996, February 2001, and October 2007.

Contaminants of Concern & MTCA-A Cleanup Levels

Based on previous investigations and requirements outlined in Ecology's June 15, 2007 opinion letter, the contaminants of concern (COCs) at the Site are identified as: GRO; DRO; ORO; BTEX; select metals including arsenic, chromium, lead, and mercury; and VOCs.

The concentrations of these contaminants in the samples that will be collected for this FSI will be compared to the MTCA Method-A Soil CUL for Unrestricted Land Use and the Method-A Groundwater CUL, (MTCA WAC 173-340-900, Tables 740-1 (Soil) and 720-1 (Groundwater). These cleanup levels are presented below.

Table 1: Primary Contaminants of Concern

Method-A Cleanup Levels (MTCA-A) for Soil and Groundwater (MTCA Cleanup Regulation 173-340-900: Tables 720-1 and 740-1)		
Contaminant of Concern (COCs)	**Soil Cleanup Levels - mg/kg**	**Groundwater Cleanup Levels - µg/l**
Gasoline Range Organics (GRO)	100/30[1]	1,000/800[2]
Diesel Range Organics (DRO)	2,000	500
Oil Range Organics (ORO)	2,000	500
Benzene	0.03	5
Toluene	7	1,000
Ethylbenzene	6	700
Xylenes	9	1,000
Arsenic	20	5
Chromium VI	19	50
Chromium III	2,000	
Total Lead	250	15
Mercury	2	2
VOCs	Varies	Varies

[1] Gasoline Range Organics: Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture has a soil CUL = 100 mg/kg. All other gasoline mixtures have a soil CUL = 30 mg/kg. For groundwater, the CUL is 1,000 ug/l for gasoline mixtures without benzene and 800 ug/l for all other gasoline mixtures.

Sample Analysis

ECI expects up to 37 samples will be collected and analyzed during this primary investigation, 16 soil and 21 groundwater. Samples will be analyzed for site specific contaminants of concern outlined in Table 1. Should additional chemical analysis be warranted, ECI will provide recommendation and estimated costs for client authorization.

Analytical methodology will be consistent with Ecology and EPA criteria. All samples will be analyzed by a Washington State accredited laboratory.

Focused Subsurface Investigation Report

Following the receipt of sample analytical results ECI will prepare a focused subsurface investigation report, detailing site activities, sampling observations, and a summary of the laboratory analytical results.

Groundwater Monitoring Plan

Prior to the selection of an interim remedial action for the former gas station area, four consecutive quarters of groundwater samples will be collected from the 4 newly installed monitoring wells. Samples will be collected in accordance with American Society of Testing and Materials (*ASTM) Guideline* D6771-02 "*Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations*", along with the monitoring procedures described above.

Samples will be delivered to an Ecology accredited laboratory and analyzed for Site specific COCs discussed above. The proposed analytical methods are presented in the table below:

Contaminant of Concern	Analytical Method
Gasoline-range Organics (GRO)	NWTPH-Gx
Diesel-range Organics (DRO)	NWTHP-Dx
Oil-range Organics (ORO)	NWTPH-Dx
Benzene	EPA Test Method 8260C
Toluene	EPA Test Method 8260C
Ethylbenzene	EPA Test Method 8260C
Total Xylenes	EPA Test Method 8260C
Arsenic	EPA Test Method 7010 Series/6020/200.8
Chromium VI	SW846 7196A
Chromium III	EPA Test Method 7010 Series/6020/200.8
Total Lead	EPA Test Method 7010 Series/6020/200.8
Mercury	EPA Test Method 7010 Series/6020/200.8
VOCs	EPA Test Method 8260C

All chain-of-custody requirements will comply with industry standard operating procedures (SOPs) for sample handling. Sample documentation for custody purposes includes:

- Sample identification numbers,
- Sample labels,

- Custody seals,
- Chain-of-custody records,
- Field logbooks, and
- Analytical Records

The static depth to groundwater for the four monitoring wells will be measured each quarter prior to sampling to determine the groundwater elevation. The measured value will be subtracted from the elevation of the top of the monitoring well casings, which will be professionally surveyed after installation. Groundwater elevations will then be contoured and depicted on a figure with the relative flow direction and gradient.

ECI appreciates the opportunity to work with you on this project, should you have any questions please contact me directly at 805-680-4286.

Sincerely,

Brian A. Dixon
Vice President / Sr. Environmental Scientist

Encl:
Figure 3
Ecology Request for Information on Status of VDP Project dated April 14, 2015
Ecology Opinion Letter dated June 15, 2007

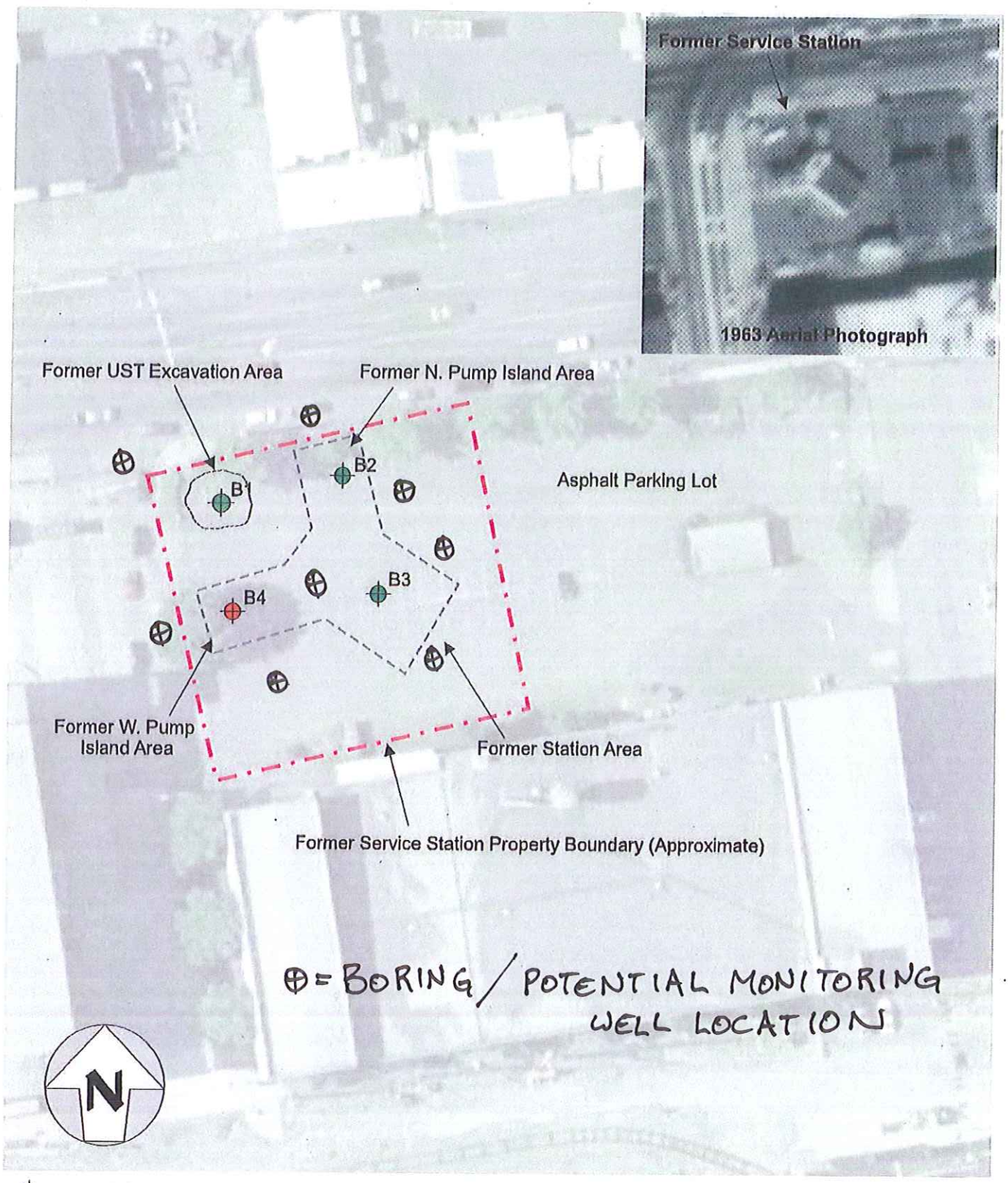

⊕B3 Soil & Groundwater sample location & Boring Identification

ems Environmental Services www.emsgroupllc.com	Sample Location Map Subsurface Investigation 704 Puyallup Avenue Tacoma, Washington	Date: October 2, 2006 Completed: S.Spencer Checked By: S.Spencer Version No: 001-100206	Figure No. 03

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

April 14, 2015

Mr. Dennis Kemp
Spring Air Northwest
c/o Mr. John R. Spencer,
Spencer Law Firm, LLC.
1326 Tacoma Ave. S., Suite 200
Tacoma, WA 98402

Re: Request for Information on Status of VCP Project for the following Site:

- **Site Name:** Spring Air Northwest
- **Site Address:** 725 E 25th St, Tacoma, WA 98421
- **Facility/Site No.:** 9111625
- **VCP Project No.:** SW0085

Dear Mr. Kemp:

The Department of Ecology (Ecology) appreciates your decision to clean up the Spring Air Northwest facility (Site) independently. However, our records indicate that you have not conducted any remedial actions during the past year at the Site. This letter requests information on the status of your cleanup and your continued interest in the Voluntary Cleanup Program (VCP).

Request for Information

Please submit the following information to Ecology within 30 days of the date of this letter:

1. Cleanup status report.

2. Any reports documenting the cleanup.

3. Plan and schedule for completing the cleanup.

Next Steps

Based on your response, Ecology will decide whether to continue providing you services under the VCP. We will notify you of our decision in writing. Please note that we will terminate the Agreement governing this Project if you do not respond to this request.

Contact Information

We are committed to working with you to accomplish the prompt and effective cleanup of the Site. If you have any questions about this request, please contact me at 360-407-7263.

Sincerely,

Thomas Middleton
VCP Site Manager
Toxics Cleanup Program, SWRO

By certified mail 70092250000190351392

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

CERTIFIED MAIL

June 15, 2007

Mr. Joe Carman
Spring Air NW
2626 Willamette Drive NE
Lacey, WA 98516

Re: Opinion under WAC 173-340-515(5) on Remedial Action(s) for the following Hazardous Waste Site:

- Name: Former Spring Air NW
- Address: 725 East 25th Street, Tacoma, Washington
- Facility/Site No.: 9111625
- VCP No.: SWO085

Dear Mr. Carman:

Thank you for submitting your site characterization report(s) for the Former Spring Air NW (Site) for review by the Washington State Department of Ecology (Ecology) under the Voluntary Cleanup Program (VCP). Ecology appreciates your initiative in pursuing this administrative option for cleaning up hazardous waste sites under the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

This letter constitutes an advisory opinion regarding whether the remedial action performed is sufficient to meet the specific substantive requirements of MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing and addressing the following release(s) at the Site:

- Petroleum Hydrocarbons in Soil;
- Volatile Organic Compounds in Soil (suspected);
- Polychlorinated biphenyls in Soil (suspected);
- Metals in Soil;
- Petroleum Hydrocarbons in Groundwater;
- Volatile Organic Compounds in Groundwater (suspected);
- Metals in Groundwater.

Ecology is providing this advisory opinion under the specific authority of RCW 70.105D.030(1)(i) and WAC 173-340-515(5).

This opinion does not resolve a person's liability to the state under MTCA or protect a person from contribution claims by third parties for matters addressed by the opinion. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). The opinion is advisory only and not binding on Ecology.

Ecology's Toxics Cleanup Program has reviewed the following information regarding your remedial action(s):

1. May 29, 2007, Environmental Management Services, LLC. Subsurface Investigation, 725 East 25th Street, Tacoma, Washington.

2. May 2, 2007, Sound Environmental Strategies. Groundwater Monitoring Report, First Semester of 2007, Former Spring Air NW Facility.

3. September 25, 2006, Swift Creek Environmental, Inc. Phase I & II Environmental Site Assessment, Han Jo Ro, LLC Property a.k.a. Spring Air NW Facility or Chami Design Inc. Property, 725 East 25th Street, Tacoma Washington 98421.

4. November 9, 2006, Sound Environmental Strategies. Groundwater Monitoring Report, Fourth Quarter of 2006, Former Spring Air NW Facility.

The reports listed above will be kept in the Central Files of the Southwest Regional Office of Ecology (SWRO) for review by appointment only. Appointments can be made by calling the SWRO resource contact, Debbie Nelson, at (360) 407-6365.

The Site is defined by the extent of contamination caused by the following release(s):

- Petroleum Hydrocarbons in Soil
- Volatile Organic Compounds in Soil
- Polychlorinated biphenyls in Soil
- Metals in Soil
- Petroleum Hydrocarbons in Groundwater
- Volatile Organic Compounds in Groundwater
- Metals in Groundwater

The Site is more particularly described in Enclosure A to this letter, which includes a detailed Site diagram. The description of the Site is based solely on the information contained in the documents listed above.

The groundwater monitoring for the Spring Air NW facility is being conducted according to an Ecology approved groundwater monitoring plan (May 18, 2006 Opinion Letter). Since the previous Opinion Letter (May 18, 2006), Ecology received the above referenced four reports. Two of these reports provide groundwater monitoring results for the Spring Air NW facility (southern portion of the site) and the other two reports primarily reported on investigation results for the northwest portion of the northern parcel. This parcel previously contained a gasoline service station.

Based on a review of the reports listed above, **Ecology has determined that the site characterization and remedial action associated with the former gasoline service station area <u>is</u> sufficient to meet the specific substantive requirements contained in MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing the following potential release(s) in the northern portion of the Site:**

- Volatile Organic Compounds in Soil (except benzene, toluene, ethylbenzene, and total xylenes: BTEX)
- Polychlorinated biphenyls (PCBs) in Soil

However, based on a review of the reports listed above, **Ecology has determined that the site characterization remedial action associated with the former gasoline service station <u>is not</u> sufficient to meet the specific substantive requirements contained in MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing the following potential release(s) at the northern portion of the Site:**

- Petroleum Hydrocarbons in Soil (including BTEX)
- Metals in Soil
- Petroleum Hydrocarbons in Groundwater
- Volatile Organic Compounds in Groundwater
- Metals in Groundwater

The extent of total petroleum hydrocarbons –gasoline range (TPH-G) soil contamination needs to be defined. Two samples from boring B4 (7.0 to 8.0 and 8.5 to 9.0 foot depth below ground surface, bgs) exceeded the total petroleum hydrocarbons –gasoline range (TPH-G) MTCA Method A Cleanup Level for Unrestricted Uses. Also, as stated in the previous Opinion Letter, because the site lies within the Tacoma Smelter Plume, there is the potential for arsenic and/or lead soil contamination. Exposed soil at the site should be sampled for arsenic and lead.

Additionally, groundwater monitoring wells should be installed in order to define the extent of contamination from total petroleum hydrocarbons – diesel range (TPH-D), total petroleum hydrocarbons – heavy oil range (TPH-O), chromium, arsenic, and lead. Grab samples of groundwater from borings SC-TL-MWA and SC-TL-MWB exceeded the MTCA Method A Cleanup Level for TPH-D and TPH-O and results from boring SC-TL-MWB exceeded the Cleanup Level for total chromium and arsenic. Results from B4 (west pump island area) were above MTCA Method A Cleanup Level for TPH-D and TPH-O. Results from boring B1, B3, and B4 exceeded the Cleanup Level for total lead and results from B3 slightly exceeded the Cleanup Level for total chromium.

The Former Spring Air NW site is located downgradient of the adjacent Tacoma Dome Station site. Therefore, it is possible that the observed groundwater contamination is migrating from the Tacoma Dome Station site. Because the constituents of concern for the Tacoma Dome Station site included volatile organic compounds (VOCs), **VOCs should also be included in the constituent list for the site.** When groundwater monitoring wells are installed, samples should be conducted on a quarterly basis. Groundwater flow direction and gradient should be determined for each sampling event.

Please provide Ecology with a site characterization and remediation work plan for these issues and areas of concern within three months of the date of this letter. The plan should include proposed groundwater monitoring well locations and monitoring depths, analytical constituents, and sampling schedule.

It is our understanding that the property will be redeveloped into a residential condominium complex. If the contaminated soil beneath the former Spring Air NW building will not be removed as part of the redevelopment, then an Environmental Covenant (EC) (formerly called a "Restrictive Covenant") should be filed on the property. The EC will prohibit withdrawal of groundwater from the property, and will require notification to Ecology of any future property sale or building renovation or demolition so that the contaminated soil beneath the building can be addressed. A boilerplate EC will soon be available from our website: http://www.ecy.wa.gov/programs/tcp/vcp/Vcpmain.htm. After Ecology has reviewed and approved the EC, it will need to be filed with Pierce County.

In accordance with WAC 173-340-840(5) and Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data generated for Independent Remedial Actions shall be submitted in both a written and electronic format. Additional information regarding electronic format requirements, see the website http://www.ecy.wa.gov/eim. All laboratory analyses shall be performed by the State of Washington Certified Laboratory for each analytical method used.

Please note that this letter does not provide an opinion on the sufficiency of any other remedial actions conducted at the Site or whether further remedial action is necessary to characterize and address all contamination at the Site. To obtain such an opinion, you must

submit an independent remedial action report to Ecology upon completion of the cleanup action for the Site and request such an opinion under the VCP.

Please also note that this opinion is based solely on the information contained in the documents listed above. Therefore, if any of the information contained in those documents is materially false or misleading, then this opinion will automatically be rendered null and void.

The state, Ecology, and its officers and employees make no guarantees or assurances by providing this opinion, and no cause of action against the state, Ecology, its officers or employees may arise from any act or omission in providing this opinion.

Again, Ecology appreciates your initiative in conducting an independent remedial action and requesting technical consultation under the VCP. As the cleanup of the Site progresses, you may request additional consultative services under the VCP, including assistance in identifying applicable regulatory requirements and opinions regarding whether remedial actions proposed for or conducted at the Site meet those requirements.

If you have any questions regarding this opinion, please contact me at (360) 407-6247 or via e-mail at stee461@ecy.wa.gov.

Sincerely,

SS Teel

Steve Teel, LHG
Hydrogeologist
Toxics Cleanup Program
Southwest Regional Office

ST/ksc:SW0085 Spring Air Opinion on Comp RA 0607

Cc: Ms. Erin K. Rothman, Project Manager, Sound Environmental Strategies
Mr. Jim Sari, Landmark Asset Services
Chami Jo Ro, Chami Design
John R. Spencer, Spencer Law Firm, PLLC
Thomas Morin, LG, Environmental Partners, Inc.
John Sherman, Tacoma-Pierce County Health Department
Mr. B. Thomas Houghton, Swift Creek Environmental, Inc.
Blythe Mackey, Ecology & Environment, Inc.
Mr. Rob Olsen, Tacoma-Pierce County Health Dept.
Chuck Cline – Ecology
Bob Warren – Ecology
Marv Coleman - Ecology
Carol Johnston - Ecology

Tacoma Dome Link Extension

ATTACHMENT F

Phase I Environmental Site Assessment
TD 4437
U-Haul (South Property)
725 E 25th Street
Tacoma, Washington

SOUNDTRANSIT

Phase I Environmental Site Assessment
TD 4437
U-Haul (South Property)
725 E 25th Street
Tacoma, Washington

Prepared for

Sound Transit
Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

March 2021

CITATION

Sound Transit. 2021. Phase I Environmental Site Assessment
TD 4437 U-Haul (South Property)
725 E 25th Street Tacoma, WA.
Prepared by Parametrix, Seattle, Washington.
March 2021.

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by Michael Brady, LG, LHG

Approved by Rick Wadsworth, PE

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C Certified Sanborn Map Report
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ACRONYMS AND ABBREVIATIONS

ALLSITES	Facility/Site Information System
AQUEOUS FOAM	Firefighting Foam Incidents
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CDL	Clandestine Drug Lab Contaminated Site
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CETI	Creative Environmental Technologies Inc
cPAH	Carcinogenic Polyaromatic Hydrocarbons
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
CREC	Controlled Recognized Environmental Condition
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
ECI	ECI Environmental Services
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HIST CDL	Historical Clandestine Drug Lab Contaminated Site
HREC	Historical Recognized Environmental Conditions
HSL	Hazardous Site List
ICR	Independent Cleanup Report
INST CONTROL	Institutional Controls
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
mg/kg	Milligrams per Kilogram
MTCA	Model Toxics Control Act
NFA	No Further Action

ACRONYMS AND ABBREVIATIONS (CONTINUED)

NonGen	Non-Generator
NPL	National Priorities List
PCBs	Polychlorinated Biphenyls
pCi/L	Picocuries per Liter
PFAS	Perfluorinated Contamination Site Location
PTAP	Pollution Liability Insurance Agency Petroleum Technical Assistance Program
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
REC	Recognized Environmental Condition
RI	Remedial Investigation
SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension
TPH	Total Petroleum Hydrocarbons
TSD	Transportation, Storage, and Disposal
ug/L	Micrograms per Liter
USGS	U. S. Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) for the Tacoma Dome Link Extension (TDLE) project in conformance with the scope and limitation of American Society of Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as Tacoma Dome (TD) property TD 4437. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located at 725 E 25th Street in Tacoma, Washington on Pierce County Parcel Identification number 2075270010 (Figure 1). The subject property is currently owned by Amerco Real Estate Company and operated as a U-Haul rental facility. The subject property is developed with a large two- to three-story warehouse that contains the U-Haul rental offices on the southeast corner of the building. Monitoring wells and 55-gallon non-hazardous waste storage drums were observed on or surrounding the subject property, indicative of an ongoing investigation of historical releases. Monitoring wells and borehole patches were also observed on the adjacent property north.

The subject property was first developed industrially in 1891 and operated as a furniture manufacturing warehouse through the 1990s. The furniture manufacturing included oiling and varnishing of furniture. In 1960, a heating oil underground storage tank (UST) was installed on the property and operated until decommissioning in 1989. The neighboring property north operated as a gasoline station from 1939 through 1961.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed on the Washington State Department of Ecology (Ecology) Confirmed and Suspected Contaminated Sites List (CSCSL) database, Ecology UST database, Ecology Voluntary Cleanup Program (VCP) database, facility/site information (ALLSITES) database, and Resource Conservation and Recovery Act Non-Generator (RCRA NonGen) database. The listings are related to a historical petroleum release impacting soil and groundwater below the subject property. The petroleum release is from the historical heating oil UST, which leaked free product impacting soil and groundwater below the subject property and neighboring property to the north. Free product recovery was completed but residual groundwater contamination remains below the subject property. Vapor intrusion impacts related to the release are suspected. Therefore, interim cleanup actions have been performed on the subject property, and soil impacts to the neighboring property north have been addressed; however, the nature and extent of the release and cleanup have not been completed.

The adjacent property to the north has unresolved RECs related to a release from a historical gasoline station. Soil and groundwater impacts to the subject property are not suspected related to the neighboring site; however, due to the proximity to the subject property, there is potential for vapor migration to impact the subject property.

Data Gaps

An on-site reconnaissance and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to perform a Phase I Environmental Site Assessment (ESA) for the Tacoma Dome Link Extension (TDLE) project on the subject property located at 725 E 25th Street in Tacoma, Washington (Figure 1). The property is identified as Tacoma Dome (TD) parcel TD 4437, which is located on Pierce County parcel number 2075270010. It is our understanding the subject property may be acquired by Sound Transit for the completion of the TDLE project. This Phase I ESA was conducted to support the environmental due diligence related to the potential acquisition.

The subject property is currently owned by the Amerco Real Estate Company and operated as a U-Haul rental warehouse. The subject property is located in a mixed-use area of commercial and industrial properties in the Tacoma Dome neighborhood of Tacoma in Pierce County, Washington (Figure 2).

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The ESA consists of two distinct tasks: (1) a review of documents and of oral information, and (2) a site examination. Conclusions and recommendations within this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with American Society for Testing and Materials (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study. The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and as such constitutes "all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601 (35)(B).

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs) on or near the subject property. The term Recognized Environmental Conditions is defined in ASTM Standard E1527-13 as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*."

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

1/28/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_UhaulSouthProperty_Figure_1.mxd

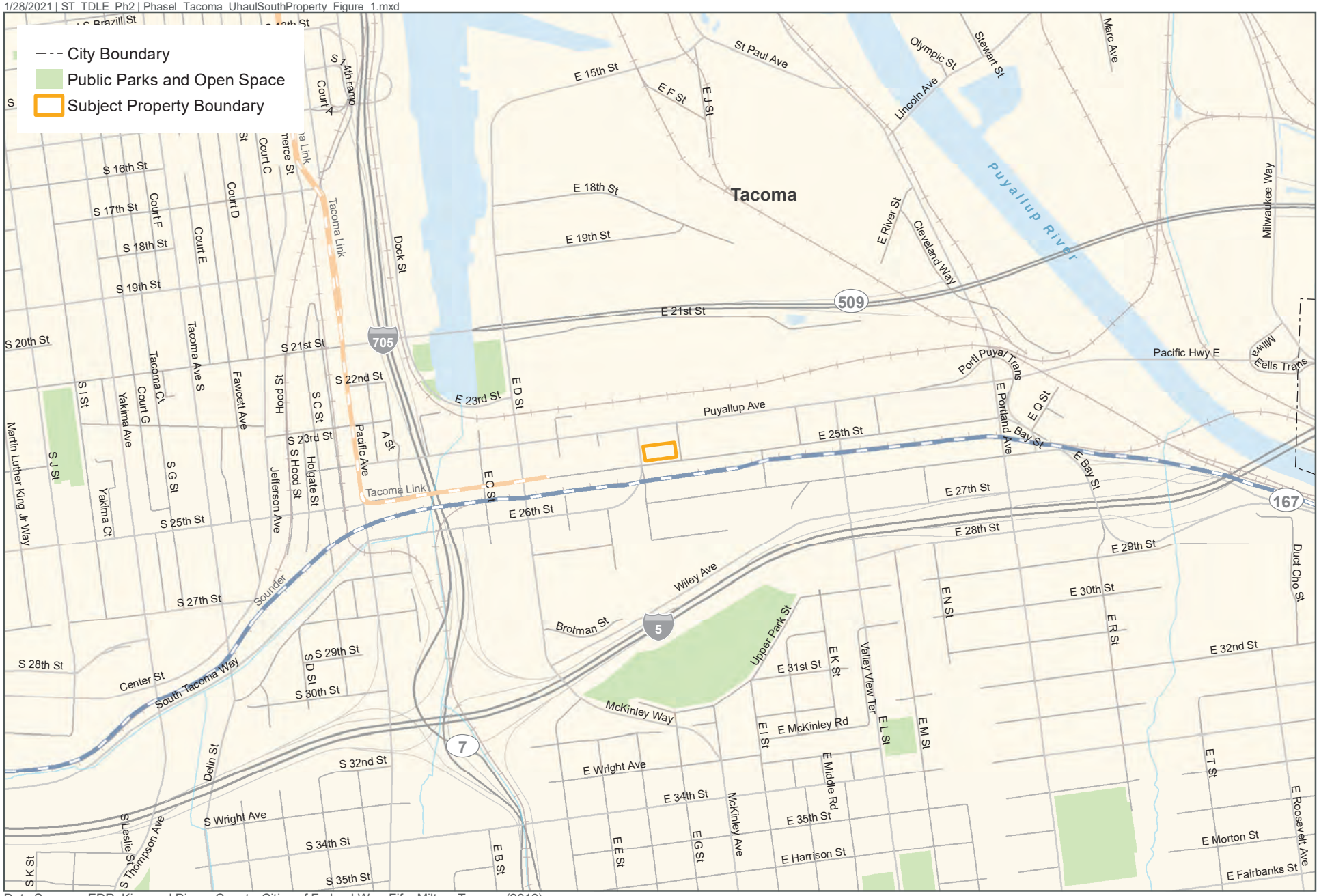

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 1
Site Vicinity Map
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

1/28/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_UhaulSouthProperty_Figure_2.mxd

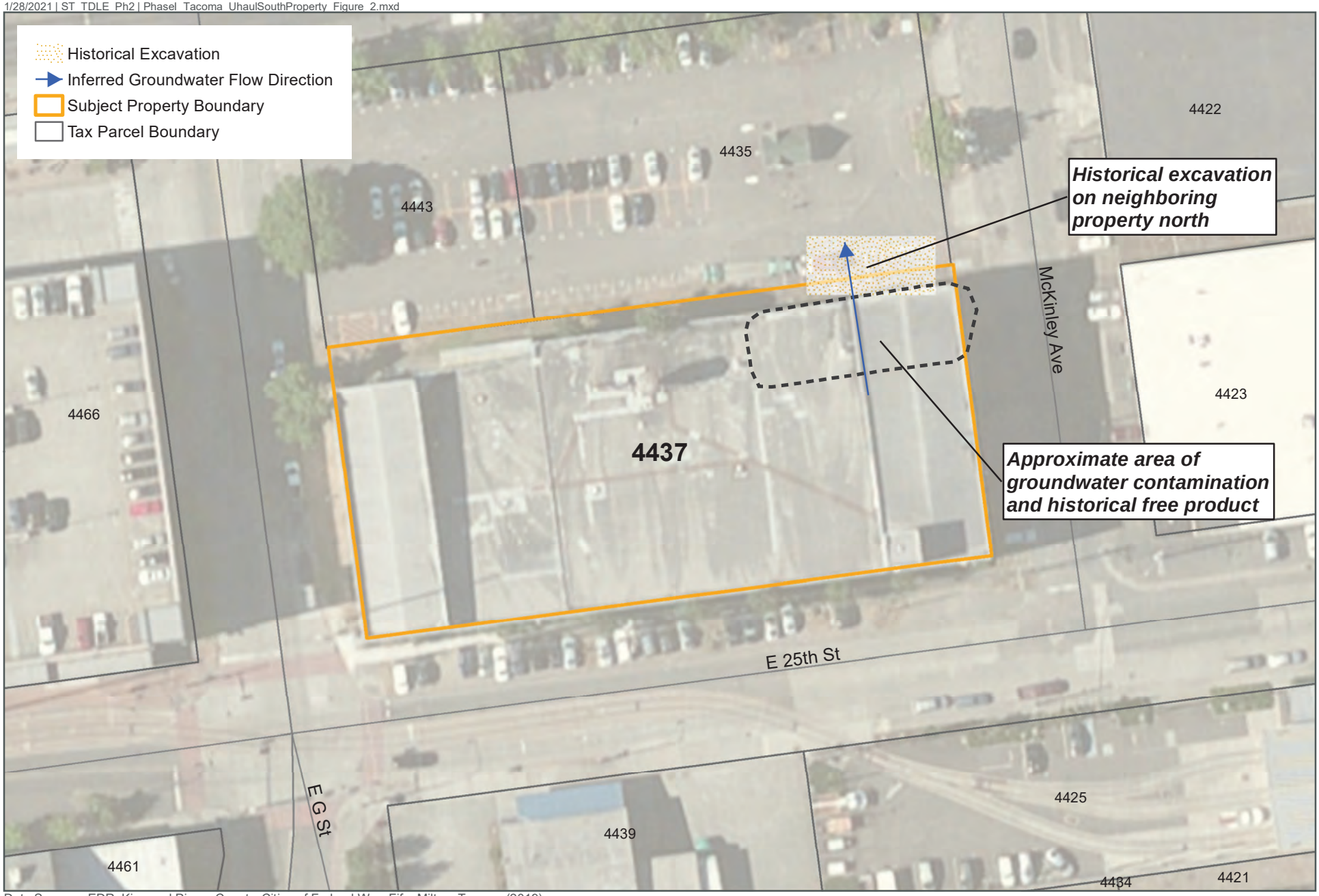

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls."

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those observed from the public right-of-way. No visual reconnaissance was possible inside the buildings on the subject property.

Unless otherwise stated, no other exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions may exist at the site not detected at the time of the investigation.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

2.1 Location

The subject property is located at 725 E 25th Street in Tacoma, Washington on Pierce County parcel identification number 2075270010. The subject property is located within the northeast quarter of the northeast quarter of Section 09, Township 20 North, Range 3 East in Pierce County, Washington (Figure 2) and legally defined as:

> *Lots 1 To 12, Block 7527; Tacoma Land Company First Addition To Tacoma, According To Plat Filed For Record On July 7, 1884, In The Office Of The County Of Pierce County Washington; Together With The Alley, Vacated By Ordinance No 19338 Of The City Of Tacoma Recorded May 3, 1971 Under Recording No. 2389669, In Pierce County, Washington.*

2.2 Site and Vicinity Characteristics

The subject property is currently owned by the Amerco Real Estate Company and operated as a U-Haul rental warehouse. The subject property is located in a mixed-use area of commercial and industrial properties in the Tacoma Dome neighborhood of Tacoma (Figure 2).

Neighboring properties consist of a parking lot and espresso stand (north), Tacoma Dome Station parking garage (west), Freighthouse Square (southwest), the Tacoma Link Operations and Maintenance Facility (south), and warehouses (east).

2.3 Physical Setting

The subject property is at an elevation of approximately 20 feet above mean sea level. The topography of the site gently slopes northeasterly towards the Puyallup River and Puyallup basin (USGS 2020). Soils in the area of the subject property are mapped as Alderwood gravelly sandy loam by the U.S. Department of Agriculture (USDA, 1955). These are described as moderately well drained. Made land is mapped just north of the Puyallup Avenue near the subject property. The made land is dredged material that was deposited artificially over marshy tideflats for grading.

The surface geology of the subject property is mapped as artificial fill deposits (Troost, in press). Quaternary Vashon recessional outwash ice contact deposits and Quaternary pre-Fraser age coarse-grained deposits are mapped adjacent south of the subject property. These are described as sand and gravel to silty sand and gravel with some clay portions. These deposits generally have a high porosity and permeability.

A review of well and borehole logs completed below the subject property and neighboring site north indicates the subsurface is primarily composed of silty sand with gravels down to 16 feet below ground surface. Water levels have been observed below the subject property and neighboring property between depths of 6 to 10 feet below ground surface. The groundwater gradient below the subject property is primarily northerly (Figure 2).

The nearest surface water body is the Thea Foss Waterway located 1,700 feet northwest of the subject property. The Puyallup River is located 3,800 feet northeast of the subject property.

2.4 Current Use of the Property

The subject property is developed with a warehouse and operated as a U-Haul facility.

2.5 Descriptions of Improvements on the Subject Property

The subject property is developed with a large wood-framed warehouse that encompasses over 76,000 square feet. The warehouse is a combination of several historical structures that were combined into their current configuration by 1970 (Pierce County Assessor 2020).

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products (ASTM 2013).

Parametrix reviewed the Pierce County Recorders database for liens against the current owner. No environmental liens were identified within the recorded documents filed for the current owner of the subject property. Parametrix also reviewed the Washington State Department of Ecology's environmental covenant database. No environmental (restrictive) covenants were filed for the subject property.

A Property History Guarantee title report was supplied by Sound Transit for the subject property (attached in Appendix A). There are no records in the title summary report indicating activity or use limitations or environmental liens affecting the property. No evidence of activity or use limitations or environmental liens against the subject property were identified during the course of this Phase I ESA.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: a review of various lists and files published by federal and State of Washington agencies and a compilation of historic uses of the site and site vicinity to determine whether past operations pose an environmental risk to the subject property. Information for agency file review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR Radius Map Report (EDR report) is included in Appendix B.

The EDR report is a summary of state and federal database searches for sites of possible environmental concern. The information review enabled Parametrix personnel to characterize the types of activities performed at the site, identify data gaps prior to the site examination, and facilitate recognition of discrepancies between reported and observed data. Data gaps identified during the document review were addressed by interviews with Tacoma-Pierce County Health Department personnel, observations during the site examination, or by additional detailed investigation of available records.

It should be noted that this information is reported as Parametrix received it from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from records maintained by the U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology). The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR Radius Map Report (Appendix B). EDR reported a total of 244 properties with 378 listed conditions within a mile of the subject property. EDR also reported nine unmappable (orphan) sites in the area of the subject property. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the types of listings, types of contaminants, proximity and position relative to the subject property, topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (see Section 4).

3.1.1 Review of Washington State Department of Ecology Databases

The following sections summarize the most relevant information obtained from the EDR Radius Map Report regarding sites identified within the ASTM E1527-13 search radii from the databases listed below. Additional information regarding these sites was reviewed online on the Ecology website to supplement data gaps in the EDR report. A complete listing of the databases reviewed is included in the EDR report. Relevant database listings from Ecology include:

- Ecology Hazardous Site List (HSL)
- Ecology Confirmed and Suspected Contaminated Site List (CSCSL)

- Ecology CSCSL No Further Action (CSCSL NFA) List
- Ecology Solid Waste Facility/Landfill List
- Ecology Leaking Underground Storage Tank (LUST) List
- Ecology Underground Storage Tank (UST) List
- Ecology Aboveground Storage Tank (AST) List
- Ecology Institutional Controls (INST CONTROL) List
- Ecology Voluntary Cleanup Program (VCP) List
- Ecology Independent Cleanup Report (ICR) List
- Ecology and Pollution Liability Insurance Agency Petroleum Technical Assistance Program (PTAP) List
- Ecology Brownfields List
- Ecology Facility/Site Information System (ALLSITES) List
- Ecology Clandestine Drug Lab Contaminated Site (CDL) List and Historical CDL (HIST CDL) List
- Ecology Firefighting Foam Incidents (AQUEOUS FOAM) List and Perfluorinated Contamination Site Location (PFAS) List
- Ecology Reported Spills (SPILLS) List
- Ecology Drycleaners List

3.1.1.1 Ecology HSL, CSCSL, and CSCSL NFA Databases

The Ecology CSCSL database contains sites in Washington State that have been confirmed or have been suspected of contaminant releases and is the state equivalent to the federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS). The HSL is a subset of the CSCSL database for sites that have been formally ranked using the Washington Ranking Method. The CSCSL NFA database is former CSCSL sites that have achieved a No Further Action (NFA) determination from Ecology.

The subject property was found on the CSCSL databases:

- Spring Air Northwest/Carman Manufacturing Company at 725 E 25th Street is listed on the CSCSL database related to an ongoing release of petroleum hydrocarbons. This represents a REC to the subject property. Further information is provided in Section 4.

Eighty-five sites within one mile of the subject property were reported on the CSCSL database, thirty-eight sites within one mile were reported on the HSL database, and nineteen sites within 0.5 mile were reported on the CSCSL NFA database. Three CSCSL and four CSCSL NFA sites were reported within 0.125 mile from the subject property:

- The Former Texaco Service Station at 704 Puyallup Avenue (adjacent north of the subject property) is listed on the CSCSL. The listing indicates the adjacent property is impacted with petroleum hydrocarbons and metals above MTCA Method A cleanup levels. Based on the EDR

listings indicating a potential REC impacting the subject property, a file review was conducted and is further discussed in Section 4.

- Freighthouse Square at E 25th Street and East G Street (adjacent southwest across E 25th Street and East G Street) is listed on the CSCSL NFA database. Metals were reported above MTCA Method A cleanup levels and petroleum hydrocarbons were reported remediated below cleanup levels. The site has a No Further Action (NFA) status with Ecology related to institutional controls dating to 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- The Freighthouse Square Amtrak Relocation at 602 E 25th Street (365 feet southwest of the subject property) is listed on the CSCSL database. Petroleum hydrocarbons and polycyclic aromatic hydrocarbons (PAHs) were reported in soil and arsenic in groundwater above MTCA Method A cleanup levels. Cleanup has been initiated at the site. Based on the groundwater results for this property and limited migration reported, this site is not considered a REC to the subject property.
- The Tacoma Trestle Track & Signal Project (440 feet southeast of the subject property) is listed on the CSCSL database. Petroleum hydrocarbons were reported above MTCA Method A cleanup levels in soil and suspected in groundwater. Based on the EDR listings and proximity, this site is not considered a REC to the subject property.
- The Burlington Northern Railroad at 605 Puyallup Avenue (475 feet northwest) is listed on the CSCSL NFA database. Halogenated organics (chlorinated solvents) were suspected above MTCA Method A cleanup levels in soil. The site achieved a NFA status from Ecology in 1996. Based on the downgradient location and NFA status, this site is not considered a REC to the subject property.
- Western Beer Distributors at 712 E 26th Street (approximately 540 feet south of the subject property) is listed on the CSCSL NFA database. Petroleum hydrocarbons were reported above MTCA Method A cleanup levels in soil and pesticides were reported remediated below cleanup levels. The site achieved an NFA status from Ecology in 1996. Based on the NFA status, this site is not considered a REC to the subject property.
- Precision Pattern at 2620 East G Street (600 feet south of the subject property) is listed on the CSCSL NFA database. Petroleum hydrocarbons and non-halogenated solvents in groundwater were remediated below cleanup levels and the site achieved an NFA status from Ecology in 2009. Based on the NFA Status and proximity, this site is not considered a REC to the subject property.

3.1.1.2 Ecology LUST, UST, and AST Databases

The Ecology LUST Database List contains an inventory of reported leaking underground storage tank sites from commercial tanks.

The Ecology UST database contains registered commercial USTs. Residential heating oil USTs are not included in the Ecology UST database. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). Unless otherwise noted, the presence of USTs near the site does not, in itself, constitute a REC.

The Ecology AST database is a listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program. Unless otherwise noted, the presence of ASTs near the site does not, in itself, constitute a REC.

The subject property is listed on the UST, LUST, and Recovered Government Archive LUST databases:

- Spring Air Northwest/Carman Manufacturing Company is on the UST database related to having one UST removed in 1996 and reported on the LUST database in 1998 and on the Recovered Government Archive LUST databases in 2011 and 2012. Based on the listings indicating a REC for the subject property, a file review was conducted and is further discussed in Section 4.

Fifteen sites were reported on the LUST database within 0.5 mile of the subject property, ten sites were reported on the UST database within 0.25 mile of the subject property, and no AST sites were reported within 0.25 mile of the subject property. Two of these sites (three listings) were reported within 0.125 mile from the subject property:

- Western Beer Distributors at 712 E 26th Street (540 feet south of the subject property) is listed on the UST and LUST databases. As noted above, this site is also listed on the CSCSL NFA database related to the release from the USTs. The site achieved an NFA status from Ecology in 1996. Based on the NFA status, this site is not considered a REC to the subject property.
- Superior Cartage of Washington Inc at 805 Puyallup Avenue (465 feet northeast of the subject property) is listed on the UST database. The site has two reported USTs that have been previously removed. Based on the lack of additional listings and position downgradient of the subject property, this site is not considered a REC to the subject property.

The remaining listed sites on the UST and LUST databases identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.1.3 Ecology VCP, PTAP, ICR, INST CONTROL, and Brownfields Databases

The Voluntary Cleanup Program (VCP) database is a list of sites that have been entered into the Ecology voluntary cleanup program and are undergoing cleanup. The Petroleum Technical Assistance Program (PTAP) database is a list of petroleum release sites that have been entered into the Pollution Liability Insurance Agency PTAP program and are undergoing cleanup. The independent cleanup report (ICR) database is a subset of the VCP or former VCP sites that have reported interim cleanup actions to Ecology. The institutional control (INST CONTROL) database is a subset of properties with confirmed releases where institutional controls are in place to manage the remaining contamination. The Ecology Brownfields database is a list of abandoned, idle, or underused commercial or industrial properties where redevelopment is limited due to the real or perceived contamination on those properties.

The subject property was reported on the VCP database.

- Spring Air Northwest is listed as entering Ecology's VCP in 1998 related to a release of petroleum hydrocarbons. As noted above, based on the listings for the subject property, a file review was conducted and summarized in Section 4.

Seventeen sites within 0.5 mile of the subject property were reported on the VCP database. Two of these sites were reported within 0.125 mile from the subject property:

- Former Texaco Service Station at 704 Puyallup Avenue (adjacent north of the subject property) is listed on the VCP database. As noted above, listings for the adjacent property are related to petroleum hydrocarbons and metals in soil and groundwater. Based on the listings, an additional file review was conducted and summarized in Section 4.
- Precisions Pattern Inc at 2620 East G Street (approximately 600 feet south of the subject property) is listed on the VCP database. Petroleum hydrocarbons and non-halogenated solvents in groundwater were remediated below cleanup levels and the site achieved an NFA status from Ecology in 2009. Based on the NFA status and proximity, this site is not considered a REC to the subject property.

The remaining listed sites on the VCP database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

One site within 0.5 mile of the subject property was reported on the PTAP database. The site is over 2,200 feet east of the subject property with no potential to impact the subject property.

Ten sites within 0.5 mile of the subject property were reported on the ICR database. None are within 0.125 mile from the subject property. The listed sites on the ICR database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

Seven sites within 0.5 mile of the subject property were reported on the INST CONTROL database. One site was reported within 0.125 mile from the subject property:

- Freighthouse Square at E 25th Street and East G Street (adjacent southwest across E 25th Street and East G Street) is listed on the INST CONTROL database. As noted above, this site is also on the CSCSL database related to metals reported above MTCA Method A cleanup levels and petroleum hydrocarbons were reported remediated below cleanup levels. The site has a No Further Action (NFA) status with Ecology related to institutional controls dating to 2003. Based on the NFA status and institutional controls, this site is not considered a REC to the subject property.

The remaining listed sites on the INST CONTROL database identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

One site within 0.5 mile of the subject property were reported on the Brownfields database:

- American Plating at 2110 East D Street (1,645 feet northwest of the subject property) is listed on the Brownfields database. The listing indicates this site is on several additional databases and has a NFA status from Ecology dating to 2015. Based on the distance relative to the subject property and the reported status, this site is not considered a REC to the subject property.

3.1.1.4 Ecology ALLSITES Database

The Ecology ALLSITES database summarizes sites that likely handle or store hazardous waste in association with the facility/site information system.

The subject property is listed on the ALLSITES database:

- Spring Air Northwest/Carman Manufacturing Company at the subject property address is listed on the ALLSITES database. Further discussion on listings for the subject property is presented in Section 4.

One hundred and twenty-nine sites within 0.5 mile of the subject property are reported on the ALLSITES database. Fifteen sites were reported within 0.125 mile of the subject property. Five were identified adjacent to the subject property:

- The Former Texaco Service Station at 702 Puyallup Avenue (adjacent north) is listed on the ALLSITES database. Further discussion of the adjacent property south is presented in Section 4.
- Puget Sound Specialty at 706 E 25th Street (adjacent south across E 25th Street) is listed on the ALLSITES database. This listing appears related to asbestos reported during a building demolition. Based on the listing, it is not considered a REC to the subject property.
- The Pierce County Transit Tacoma Dome site located at 609 E 25th Street (adjacent west across East G Street) is listed on the ALLSITES database. This listing appears related to waste generated or removed from the adjacent property in the 1990s prior to its redevelopment into the current parking garage. Based on the lack of additional listings, this site is not considered a REC to the subject property.
- Freighthouse Square at E 25th Street and East G Street (adjacent 75 feet southwest across E 25th Street and East G Street) is listed on the ALLSITES database. As noted above, this site has a NFA status with Ecology related to institutional controls dating to 2003. Based on the NFA status, this site is not considered a REC to the subject property.
- Sound Transit Tacoma Link Operations Facility at 802 E 25th Street (adjacent southeast across E 25th Street) is listed on the ALLSITES database. The listing appears related to a variety of chemicals used in the repairs and maintenance of the Tacoma Link light rail system. Some violations were reported for this site. However, based on the non-generator status, the listing is not considered a REC to the subject property.

3.1.1.5 Ecology CDL and HIST CDL Database

There were no CDL or HIST CDL sites reported within 0.125 mile of the subject property.

3.1.1.6 Ecology AQUEOUS FOAM, PFAS, and SPILLS Databases

The Ecology AQUEOUS FOAM, PFAS, and SPILLS databases report potential small releases to the subsurface that have the potential to cause contamination. No AQUEOUS FOAM or PFAS sites were reported within 0.5 mile of the subject property. No SPILLS sites were reported within 0.125 mile of the subject property.

3.1.1.7 Ecology Drycleaner Database

The drycleaner database is a listing of former or current drycleaners in Washington. No drycleaners were reported within 0.25 mile of the subject property. No inactive drycleaners were reported within 0.25 mile of the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following sections summarize the most relevant information obtained from the EDR report regarding sites identified within ASTM 1527-13 search radii from the following databases. A complete listing of the databases reviewed is included in the EDR report.

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) List
- Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Act (RCRA)
- Resource Conservation and Recovery Information System (RCRIS) List
- Emergency Response Notification System (ERNS) List
- U.S. Brownfields List
- Manufactured Gas Plant Sites

3.1.2.1 National Priorities List

The National Priorities List (NPL) identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. The EDR report indicates that the subject property is not listed as an NPL site. EDR reports no NPL sites were identified within one mile of the subject property; however, there are two related NPL sites that are near the subject property with one potentially impacting the subject property:

- The Commencement Bay Nearshore Tideflats NPL site (EPA 2020) includes multiple properties within one mile north of the subject property. The site encompasses an active commercial seaport and includes 12 square miles of shallow water, shoreline, and adjacent land due to widespread contamination in water, sediments, and uplands areas. The site was placed on the NPL list in 1983 and is undergoing its fifth five-year review. This NPL site is not known to have impacted the subject property and is not considered a REC for the subject property.
- The Asarco Tacoma Smelter Plume NPL site is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020c). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than MTCA Method A cleanup levels and is not considered a REC to the subject property.

3.1.2.2 SEMS List

The EPA publishes a list of sites that may potentially pose a threat to the environment or the health of the general public. This list is known as the SEMS list (formerly the CERCLIS list). Information contained

in the EDR report indicates the subject property is not listed as a SEMS site. Three SEMS sites were identified within one mile of the subject property:

- Supervalu Ammonia Response located at 590 E 19th Street (2,100 feet northwest of the subject property) is listed on the SEMS database. This listing is related to a response that occurred to an ammonia release in 2017 and is not an active threat. Based on the information, this listing is not considered a REC to the subject property.
- The Burlington Northern Railroad site located 2150 feet northeast of the subject property is listed on the SEMS database. This listing is related to historical tar pits related to a former coal gasification plant that operated from the 1920s through 1956. This site is Operable Unit 3 of the Commencement Bay Nearshore Tideflats NPL site and is not considered a REC to the subject property due to ongoing remediation and monitoring and no known impacts to the subject property.
- The Tacoma Spur site located at S 24th Street and A street (located 2,175 feet west of the subject property) is listed on the SEMS database. This listing is related to carcinogenic polyaromatic hydrocarbon (cPAH) groundwater contamination discovered during construction of Interstate 705 in 1984. This site is part of the Commencement Bay Nearshore Tideflats NPL site and is not considered a REC based on the proximity and position related to the subject property.

The EPA also publishes the SEMS-ARCHIVE list, which are SEMS sites that have been designated no further interest under the Federal Superfund Program. One SEMS-ARCHIVE site was reported within 0.5 mile of the subject property:

- The American Plating Co Inc site at 2110 East D Street (located 1645 feet northwest of the subject property) is listed on the SEMS-ARCHIVE list. This listing is related to a former electroplating facility that closed in 1986. Ecology assisted the cleanup of this property in 2003 and 2012, and, subsequently, a restrictive covenant was placed on the site in 2014. Based on the reported status and position downgradient, this site is not considered a REC to the subject property.

3.1.2.3 CORRACTS Review

The CORRACTS report identifies hazardous waste handlers with corrective action activity. Information contained in the EDR report indicates the subject property is not listed as a CORRACTS site.

Two CORRACTS sites are listed within one mile of the subject property:

- The American Plating Co Inc site at 2110 East D Street (located 1,645 feet northwest of the subject property) is listed on the CORRACTS database. As noted above, Ecology assisted in the cleanup of this property in 2003 and 2012, and, subsequently, a restrictive covenant was placed on the site in 2014. Based on the reported status and position downgradient, this site is not considered a REC to the subject property.
- The University of Washington Tacoma Branch Campus at 1930 C Street (located 3,640 feet northwest of the subject property) is listed on the CORRACTS database. The listing is related to petroleum hydrocarbons, cPAHs, and volatile organic compounds in soil and groundwater below the campus. The site entered an Agreed Order with Ecology in 1997 and is undergoing

remediation and monitoring. Based on the location and proximity to the subject property, this site is not considered a REC to the subject property.

3.1.2.4 RCRIS List

The RCRIS list includes selective information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Information contained in the EDR report indicates the subject property is listed as a RCRIS site:

- Spring Air Northwest/Carman Manufacturing Co is listed on the RCRA NonGen database. This appears to be related to environmental investigation on the subject property. Further discussion is presented in Section 4.

One RCRA generator site is listed within 0.25 mile of the subject property:

- The Caraustar site at 808 E 26th Street (located 650 feet south of the subject property) is listed on the RCRA-VSQG database. This very small quantity generator is a paper recycling facility and listed on the database related to generating ignitable waste. There are some violations reported for the site. However, based on the generator status and proximity, this site is not considered a REC to the subject property.

Ten RCRA NonGen sites are listed within 0.25 mile of the subject property. Two were reported within 500 feet of the subject property:

- The Sound Transit Tacoma Link Operations Facility at 802 E 25th Street (adjacent southeast across E 25th Street) is listed on the RCRA NonGen database. The listing appears related to a variety of chemicals used in the repairs and maintenance of the Tacoma Link light rail system. Some violations were reported for this site. However, based on the NonGen status and proximity, this site is not considered a REC to the subject property.
- The Pierce Transit Tacoma Dome parking garage at 609 E 25th Street (adjacent west across East G Street) is listed on the RCRA NonGen database. As noted above, this listing appears related to waste generated or removed from the adjacent property in 1990s prior to redevelopment into the current parking garage. This site is not considered a REC to the subject property.

The EPA also regulates the management of hazardous waste at Transportation, Storage, and Disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a RCRA-TSD site. No RCRIS-TSD sites were identified within 0.5 of the subject property.

The remaining listed sites on the RCRIS list identified in the EDR report appear to be at sufficient distances from the subject property and/or cleanup activities have been completed so that they do not appear to represent a REC to the subject property.

3.1.2.5 ERNS List

The ERNS is a national database containing information from spill reports made to Federal authorities. Information contained in the EDR report indicates the subject property is not listed as an ERNS site.

3.1.2.6 US Brownfields List

The EPA's US Brownfields list identifies Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. One US Brownfields site was identified within 0.5 mile of the subject property:

- The American Plating Co Inc site at 2110 – 2130 East D Street (located 1,645 feet northwest of the subject property) is listed on the US Brownfields database. As noted above, Ecology assisted in the cleanup of this property in 2003 and 2012 and subsequently a restrictive covenant was placed on the site in 2014. Based on the reported status and position downgradient, this site is not considered a REC to the subject property.

3.1.3 EDR Databases

3.1.3.1 Manufactured Gas List

Former manufactured gas plant (coal gas) sites are identified on the Manufactured Gas List database. Information contained in the EDR report indicates the subject property is not listed as a manufactured gas plant site. Two manufactured gas plant sites are listed within one mile of the subject property. Both appear to be referencing the same property:

- The Tacoma Coal Gasification site at E 22nd Street and A Street (located 2,375 feet west of the subject property) is listed twice on the EDR Manufactured Gas List database. As noted above, this site is also known as the Tacoma Spur property and is included in the Commencement Bay Nearshore Tideflats Superfund site. Based on the status within the NPL and proximity, this site is not considered a REC to the subject property.

3.1.3.2 Historical Auto Stations

Historical auto stations are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates the subject property is not listed as a historical auto station.

Two historical auto stations are listed within 0.125 mile of the subject property:

- Bill's Mobile Service Gas Station at 702 Puyallup Avenue (adjacent north) is listed on the EDR Hist Auto database. The listing indicates the adjacent property was a gas station dating to 1942, 1947, and 1953. Further discussion regarding the neighboring gasoline station is presented in Section 4.
- Standard Stations Inc at 624 Puyallup Avenue (adjacent Tacoma Dome Station parking garage, west across G Street) is listed on the EDR Hist Auto database. The listing indicates this site was a gasoline station in 1965. As noted above, this site had noted excavation and removal of waste in other databases dating to the 1990s. Based on the lack of additional listings and its position cross-gradient from the subject property, this site is not considered a REC to the subject property.

3.1.3.3 Historical Cleaners

Historical cleaners are identified on a proprietary database maintained by EDR. Information contained in the EDR report indicates that there are no historical cleaner sites within 0.125 mile of the subject property.

3.1.4 Orphan Site List

Orphan sites are sites for which mapping information is not detailed adequately to plot the location of the site. There are nine orphan sites listed in the EDR database. The orphan site list and available mapping information were reviewed by Parametrix. None of the orphan sites were found within 0.125 mile from the subject property and none represent RECs to the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The subject property and adjacent sites were reviewed in an effort to determine if vapor migration has, or has the potential to have, occurred at the site, from adjacent properties. Based on the information reviewed, the subject property is identified as a potential vapor intrusion site. Further details are presented in Section 4.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area that helps to identify the likelihood of past uses having led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include Sanborn Fire Insurance Maps, aerial photographs, topographic maps, city directories, and local agency records.

3.2.1 Sanborn Map Fire Insurance Map Review

A copy of the Certified Sanborn Map Report is included in Appendix C. Maps were available for 1896, 1912, 1950, and 1963. Observations from the Sanborn Maps are listed below.

1896 The subject property is developed with two industrial sites. The western portion is developed as the Pacific Match Company manufacturing warehouse and included a large dipping room. The eastern portion is developed as the Pacific Lounge and Mattress Company furniture manufacturing warehouse and included a workshop, steam dry kiln, showroom, and wood storage. The neighboring property north appears to be used for wood storage. The neighboring property south is the Tacoma Furniture Factory and includes an oil and machinery storage shed.

1912 The subject property is developed as one site part of the Carman Manufacturing Company Furniture and Mattress Factory. A large boiler room is located on the northeastern side of the factory. A woodworking room is at the center of the factory, and a varnishing and a dry kiln are located on the western portion. The site is developed cohesively with the neighboring property north as one facility with the sawmill, dry kiln, wood storage, and varnish and oil house storage on the neighboring property north.

1950 The subject property appears to be developed in a similar configuration. The neighboring property northwest appears to be redeveloped as a gasoline station. An additional property further northwest across East G Street along Puyallup Avenue is also developed as a gasoline station. The adjacent property northeast appears developed as part of the Carman Manufacturing Company sawmill. The neighboring property east across East H Street is a similar Carman furniture factory. The neighboring property west appears as Olympic Ice Company ice factory. The neighboring property south appears to be a freight warehouse.

1963 The subject property appears developed in a similar configuration as 1950. The adjacent property north includes the gas station, parking, and the shipping department for Carman Manufacturing Company. Minimal changes appear on surrounding properties.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs (aerials) of the subject property area were obtained from EDR. Additional aerials, available from the Pierce County GIS mapping program (Pierce County 2020) and the City of Tacoma GIS mapping program (City of Tacoma 2020a), were reviewed. Aerial photographs for the years 1931, 1940, 1945, 1950, 1957, 1968, 1970, 1972-73, 1980, 1985, 1990, 1995, 2002, 2005, 2009, 2015, and 2018 were examined. Copies of the aerial photographs from EDR are included in Appendix D. Observations are listed below.

1931 The subject property appears developed with a large warehouse. A storage yard is visible to the north.

1940-1957 The subject property appears developed with several contiguous warehouses operating as one facility. The surrounding area is similarly developed predominantly industrially. Two gas stations are visible northwest of the subject property.

1968 The subject property appears similar to its current configuration as the separate warehouses appear predominantly consolidated into one structure.

1970-1973 The subject property remains developed in a similar configuration. The gas stations to the northwest are no longer present.

1980-1995 The subject property appears developed as the Spring Air Northwest/Carman Manufacturing facility.

2002-2018 The subject property remains developed with a warehouse. The lot north appears used for vehicle storage. The neighboring property west is redeveloped into a parking garage by 2002.

3.2.3 Historical Topographic Maps

Historical topographic maps of the subject property area were reviewed from the U.S. Geological Survey (USGS). The subject property is located on the Tacoma south 7.5-minute Quadrangle. Maps were available for years 1941, 1961, 1997, 2011, 2014, 2017, and 2020. Observations are listed below.

1941	The subject property appears within the City of Tacoma. A main roadway is present along East G Street and turning along Puyallup Avenue.
1961-2020	The subject property appears developed with a large warehouse.

3.2.4 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following sections.

3.2.4.1 Tacoma Permit Records

Available historical City of Tacoma permit records were reviewed for the subject property. Copies of the permit records are attached in Appendix F. Below is a summary of the permits with respect to potential environmental significance:

- A 7,000-gallon heating oil tank and boiler were installed in 1960 for Carman Manufacturing Company
- Installation of a maintenance shop in the factory in 1964
- Installation of a paint spray booth in 2002

Several miscellaneous site improvements were summarized in the permit records. Copies are included in Appendix F. Based on the review of the permit records, potential RECs were identified related to the historical permit records.

3.2.4.2 Tacoma Public Library

The Tacoma Public Library Northwest Room has online databases for historical photographs and a historical building index.

- One historical image of the subject property dating to 1927 shows the Carman Manufacturing Company facility along E 25th Street and neighboring properties west.

3.2.4.3 Other Sources

The history of Tacoma furniture manufacturing has been previously documented and includes the history of the subject property (HistoryLink 2018).

- The factory on the subject property was built around 1891 by Joseph L. Carman and operated as Pacific Lounge and Mattress until 1903, when it became Carman Manufacturing Inc.
- Carman Manufacturing expanded into Spring Air Mattress around 1950.
- In the 1990s, after over 100 years of operations at the subject property, Carman/Spring Air moved its main manufacturing plant to Thurston County.

3.2.5 Summary of Historical Information

Based on the historical review, the subject property was developed by 1891 into a match manufacturing and furniture manufacturing company. From around 1900, the subject property was primarily used for furniture manufacturing by the Carman Furniture Manufacturing Company and, later, as Spring Air Mattress. In 1960, a 7,000-gallon heating oil UST and boiler were added to the facility. The site operated as a manufacturing facility through the 1990s. A portion of the warehouse was later used as a paint booth by 2002. RECs related to the historical use of the property remain unresolved.

The surrounding area was predominantly industrial and commercial land uses. The neighboring property north was operated as part of the Carman Manufacturing plant until the 1930s when the western portion of the neighboring property was developed into a gasoline station through approximately 1960. The eastern portion of the neighboring property north remain part of the Carman plant through the 1960s and has largely been a storage lot since that time. The neighboring property south was similarly a furniture manufacturing plant with an oil storage lot south across E 25th Street. The neighboring property west and northwest was operated as an ice manufacturing plant and, later, a grocery store and gasoline station from the 1930s through the 1960s. It was developed into a parking garage in the 1990s.

3.3 Additional Environmental Information

The following sections provide a summary of additional environmental information obtained for the site.

3.3.1 Asbestos

The manufacture of most asbestos-containing materials was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the building (constructed around 1891), there is potential for asbestos-containing materials to have been used in the construction of the buildings.

3.3.2 Lead-Based Paint

Before 1977, paint commonly contained lead which is considered to cause human health problems if ingested. Based on the age of the building (constructed around 1891), there is potential LBP to have been used in the construction of the building.

3.3.3 Polychlorinated Biphenyls

Transformers can potentially contain polychlorinated biphenyls (PCBs). Based on the age of the building, there is some potential for PCBs to have been used in the construction of the buildings (primarily used in lighting and electrical equipment). However, Parametrix did not inspect the building interior for this assessment.

3.3.4 Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas, and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

The subject property is located in the Federal EPA Radon Zone 3. The Zone 3 indoor average radon level predicted as less than 2 pCi/L (pico Curies per liter), reported as a low risk of radon elevation. The EPA Action Level for radon is 4 pCi/L. Based on this limited information, radon likely does not represent an environmental concern at the property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property, and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties, and to fill in data gaps where applicable. Previous investigations and file reviews are summarized below. Copies of Ecology records are attached in Appendix F.

4.1 Previous Investigations

Based on regulatory information from Ecology, past records were reviewed for the subject property listed as Spring Air Northwest/Carman Manufacturing company property, which included a Remedial Investigation (RI) work plan completed in 2016.

The RI work plan was completed by ECI Environmental Services. The report indicates the building on the subject property was completed around 1891 and the neighboring property north was developed by at least 1896 for lumber/wood storage, part of a sawmill and engine shop and, later, the gasoline station and a restaurant.

In 1986, a 7,000-gallon UST was reported to Ecology related to the boiler room at the manufacturing plant. The 7,000-gallon UST was identified below the building and was closed in place in 1989 by Don Golden Company. One soil sample was collected during the decommissioning and found total petroleum hydrocarbons (TPH) concentrations at 53.2 mg/kg, below Model Toxics Control Act (MTCA) Method A cleanup levels.

Creative Environmental Technologies Inc (CETI) completed a Phase I ESA and subsequent Phase II ESA of the subject property. Three boreholes were advanced near the former boiler and free product was discovered in two of the boreholes. In 1998, CETI performed additional Phase II ESA work at the subject property and completed 33 boreholes in the boiler area and north of the building, one test pit adjacent to the factory, one temporary monitoring well, and three permanent monitoring wells. Free product was encountered in eight boreholes and groundwater concentrations of diesel up to 41,500 ug/L were identified, and cPAHs were found above MTCA Method B cleanup levels. The subject property was then entered into the Ecology VCP program in 1998. Figure 2 displays the approximate area of the subject property impacted.

CETI completed a Cleanup Action Plan in 1998 for removal of contaminated soil outside the building footprint and using a pump and treat system inside the building. CETI excavated 2,804 tons of diesel-contaminated soil from the adjacent parking lot north and the east side of the subject property building (Figure 2). The excavation was reported within a few feet of the building and contamination remained in place, so a geomembrane was installed between the contaminated soil and clean backfill. In 1999, CETI installed the pump and treat system with placement of six recovery wells. Approximately 100 gallons of free product was recovered by the system from 1999 through 2001. The system was then shut off and annual groundwater monitoring was completed by Sound Environmental Strategies through 2007, showing a relatively stable groundwater plume.

In 2006, a Phase I and Phase II ESA of the Spring Air Facility was conducted by Swift Creek Environmental. The Phase II ESA included placement of one borehole and two monitoring wells/piezometers, and sampling of two of the existing recovery wells. Results from the two new

monitoring wells found concentrations of diesel and oil above MTCA Method A cleanup levels. Metals were also detected in samples. As part of the RI workplan, ECI Environmental Services (2016) indicated they would sample the wells below the Spring Air property and try to determine the extent of the groundwater contamination. No new boreholes or monitoring wells were proposed. As noted in Section 6 below, the Tacoma-Pierce County Health Department has no records regarding the subject property since the 2016 RI workplan, which is indicative that the investigation may not have yet been completed.

Based on the review of the Ecology files, the subject property is impacted with diesel-range petroleum hydrocarbons related to a release from a previously closed 7,000-gallon heating oil UST (Figure 2). Remediation of contaminated soil below the subject property and adjacent property north was completed; however, the extent of groundwater contamination below the subject property and impact to the neighboring property is unknown. Additionally, there may be areas remaining of free-phase petroleum hydrocarbons that were not addressed by previous remediation. This represents a REC for the subject property. Vapor intrusion assessments were not previously completed related to the release. The unresolved plume also represents a potential vapor intrusion risk to the subject property and adjacent property.

4.2 Adjacent Properties File Review

Several nearby properties were listed on environmental databases, as described in Section 3. In general, sufficient site-specific information was available through review of the EDR report, as well as online Ecology files, to develop an opinion on the potential for these properties to have affected the subject property. However, further information was obtained for one property immediately adjacent to the north.

Ecology files for the Former Texaco property at 702 Puyallup Avenue were reviewed and include:

- 2006 Phase II ESA completed by Environmental Management Services, LLC
- 2017 Remedial Investigation Report completed by ECI Environmental Services
- 2017 Ecology Voluntary Cleanup Program (VCP) agreement and Application
- 2018 Ecology VCP acceptance Letter
- 2018 Further Action letter from Ecology

The information in the available files indicate three USTs were discovered and subsequently removed from the neighboring property in 1998. Approximately 43 tons of petroleum contaminated soil (PCS) was also excavated and disposed off-site. Confirmation soil samples from the excavation were all reported below laboratory detection levels.

In 2006, a Phase II ESA was completed around the historical gas station and gasoline was found above MTCA Method A cleanup levels in soil, and diesel, oil, lead, and chromium were found above MTCA Method A cleanup levels in groundwater. Based on the results of the Phase II ESA, Ecology indicated that further remedial actions were necessary at the site.

In 2017, a Remedial Investigation of the neighboring property was completed by drilling four boreholes and four monitoring wells. Sixteen soil samples and four groundwater samples were submitted for analysis.

The soil results showed levels of gasoline in one sample above MTCA Method A cleanup levels at 1,500 mg/kg, ethylbenzene at 11 mg/kg, and xylenes at 14 mg/kg. Additional soil results showed diesel

and oil concentrations ranging from 240 up to 1,100 mg/kg, below MTCA Method A cleanup levels. Concentrations of arsenic, lead, and chromium were reported below MTCA Method A cleanup levels.

The groundwater results showed all four monitoring wells above MTCA Method A cleanup levels for total arsenic and one well above MTCA Method A cleanup levels for total chromium. The samples were reported below MTCA Method A cleanup levels for dissolved lead, but above MTCA Method A cleanup levels for total lead. There were no detections of gasoline or oil in the four groundwater samples. Low concentrations of diesel were detected in two of the samples at 78 to 120 ug/L.

Following completion of the Remedial Investigation, the site was entered into the VCP Program, and an opinion was requested from Ecology. Ecology indicated further remedial actions were necessary to achieve cleanup status at the neighboring property.

Based on the available Ecology files, the neighboring property north has unresolved RECs related to the historical use of the property. It does not appear soil or groundwater migration pathways from the neighboring property exist towards the subject property due to the downgradient position relative to the subject property and the reported delineation of the plume; however, vapor migration pathways from the neighboring property have not been fully investigated. Therefore, the release on the neighboring property north represents a REC to the subject property.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 3, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site examination are included in Appendix E.

5.1 Subject Property

The subject property is developed with a large two- to three-story warehouse. The building has a wood and corrugated metal exterior. It is currently used as a U-Haul rental facility with the main offices on the southeast corner of the building.

Pole-mounted transformers operated by Tacoma Public Utilities were observed along E 25th Street. Two monitoring wells were observed on the northeast side of the building. Several 55-gallon steel drums with non-hazardous waste labels were observed north of the building. A potential dry well was observed south of the building likely related to historical roof downspouts.

Based on the observations and the identified contamination from the file review, an ongoing historical release of diesel-range TPH is present at the subject property.

5.2 Adjacent Properties

The neighboring property north is predominantly a parking lot and drive-thru espresso stand. Environmental boreholes and monitoring wells were observed on the northwest portion of the adjacent property with environmental drums stored just north of the building on the subject property. These observations suggest an ongoing release affecting the neighboring property north of the subject property and potential RECs related to the neighboring site.

The neighboring property west is developed as a parking garage. The neighboring property south is utilized by Sound Transit. The neighboring properties to the east are warehouses.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13.

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix conducted an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health – Contaminated Properties division, on February 4, 2021 (TPCHD 2021). Mr. Olsen indicated that ECI Environmental is the consultant on record for the cleanup of the property and that the TPCHD has no record of files or cleanup actions for the site since the 2016 RI workplan.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report. Based on the findings of this investigation, Parametrix reached the following conclusions:

- The subject property is located at 725 E 25th Street in Tacoma, Washington, on Pierce County Parcel Identification number 2075270010 (Figure 1). The subject property is currently owned by Amerco Real Estate Company and operated as a U-Haul rental facility. The subject property is developed with a large two- to three-story warehouse that contains the U-Haul rental offices on the southeast corner of the building. Monitoring wells and 55-gallon non-hazardous waste storage drums were observed on or surrounding the subject property, indicative of an ongoing investigation of historical releases. Monitoring wells and borehole patches were also observed on the adjacent property north.
- The subject property was first developed industrially in 1891 and operated as a furniture manufacturing warehouse through the 1990s. The furniture manufacturing included oiling and varnishing of furniture. In 1960, a heating oil UST was installed on the property and operated until decommissioning in 1989. The neighboring property north operated as a gasoline station from 1939 through 1961.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property, except for the following:

Recognized Environmental Conditions

The subject property is listed on the Ecology CSCSL database, Ecology UST database, Ecology VCP database, ALLSITES database, and RCRA NonGen database. The listings are related to a historical unresolved petroleum release impacting soil and groundwater below the subject property. The petroleum release is from the historical heating oil UST, which leaked free product impacting soil and groundwater below the subject property and neighboring property to the north. Free product recovery was completed, but residual groundwater contamination remains below the subject property. Vapor intrusion impacts related to the release are suspected. Therefore, interim cleanup actions have been performed on the subject property, and soil impacts to the neighboring property to the north have been addressed; however, the nature and extent of the release and cleanup have not been completed.

The adjacent property to the north has unresolved RECs related to a release from a historical gasoline station. Soil and groundwater impacts to the subject property are not suspected related to the neighboring site; however, due to the proximity to the subject property, there is potential for vapor migration to impact the subject property.

Data Gaps

An on-site reconnaissance and interview were not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

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Appendix A

User Provided Information

Commitment for Title Insurance

Title Officer: Seattle Commercial Unit 1
Email: WA-Commercial@ctt.com
Title No.: 210606-SC

Property Address:

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PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210606-SC [ROW TD4437, TD4435, & TD4443]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: February 24, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

Lots 1 to 12, Block 7527; and Lots 1 to 12, Block 7428, Tacoma Land Company's First Addition to Tacoma, according to plat filed for record on July 7, 1884, in the office of the County Auditor, in Pierce County, Washington;

Together with all of the alley lying between said Blocks, vacated by Ordinance No. 19338 of the City of Tacoma, recorded May 3, 1971 under Recording No. 2389669, in Pierce County, Washington.

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: February 24, 1971 at 08:00 AM
Ending date: March 24, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

1. Statutory Warranty Deed:

Grantor: Carman Manufacturing Company, a Washington corporation
Grantee: SPI Properties LLC, a Washington Limited Liability Company
Recorded: November 4, 1998
Recording No.: 9811040541

2. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document:

Entitled: Memorandum of Lease
Lessor: SPI Properties LLC
Lessee: Carman Manufacturing Company
Recording Date: November 12, 1998
Recording No.: 9811120562

Assignment and Assumption of Lease:

Assignor: SPI Properties, LLC
Assignee: Han Joe Ro, LLC
Recording Date: January 15, 1999
Recording No.: 9901150670

3. Statutory Warranty Deed:

Grantor: SPI Properties LLC, a Washington Limited Liability Company
Grantee: Han Joe Ro, LLC, a Washington Limited Liability Company
Recorded: January 15, 1999
Recording No.: 9901150666

4. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document:

Entitled: Memorandum of Lease
Lessor: Han Joe Ro, LLC
Lessee: Chami Design, Inc.
Recording Date: January 15, 1999
Recording No.: 9901150675

5. Statutory Warranty Deed:

Grantor: Han Joe Ro, LLC, a Washington Limited Liability Company
Grantee: Landmark Tacoma I LLC, a Washington limited liability company, as to an undivided 50% interest; and Landmark Tacoma II LLC, a Washington limited liability company, as to an undivided 50% interest
Recorded: October 4, 2006
Recording No.: 200610040888

(continued)

6. Statutory Warranty Deed:

Grantor: Landmark Tacoma I LLC, a Washington limited liability company, as to an undivided 50% interest; and Landmark Tacoma II LLC, a Washington limited liability company, as to an undivided 50% interest
Grantee: Amerco Real EState Company, a Nevada corporation
Recorded: April 19, 2018
Recording No.: 201804190151

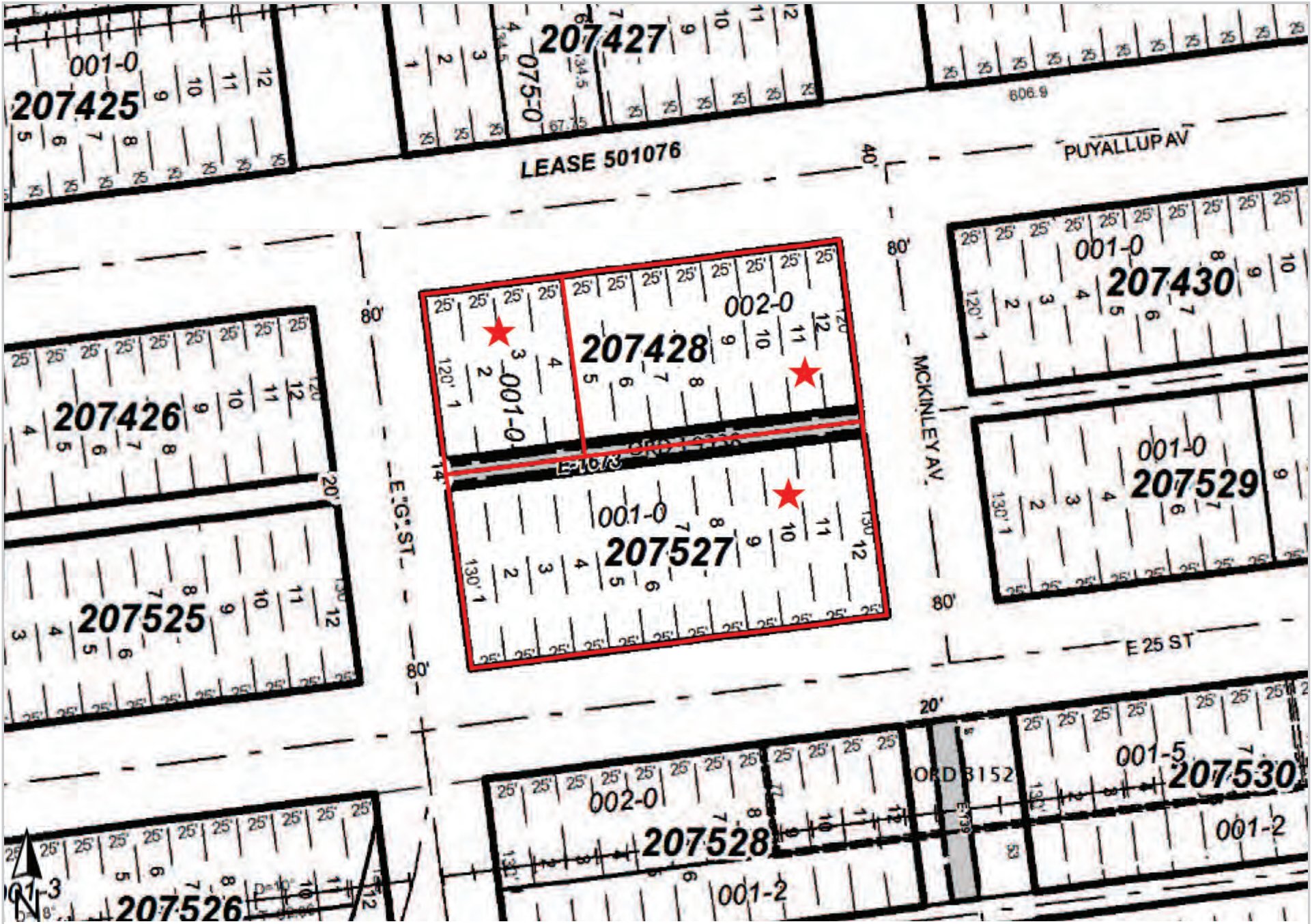

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***U-Haul (South Property), TD 4437***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   _No_____
2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? _ No
   _____
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? __ No
   _____
4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? __ No
   _____
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? _I am not aware of the purchase price_____
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? __ No
   _____

   For example, as user,

   (a) do you know the past uses of the property? _ No
   _____

   (b) do you know of specific chemicals that are present or once were present at the property? _ No
   _____

   (c) do you know of spills or other chemical releases that have taken place at the property? _ No
   _____

   (d) do you know of any environmental cleanups that have taken place at the property? _ No
   _____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? __ No
   _____

Appendix B

EDR Radius Map Report

Spring Air Northwest
725 E 25TH ST
TACOMA, WA 98421

Inquiry Number: 6218015.2s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

725 E 25TH ST
TACOMA, WA 98421

COORDINATES

Latitude (North):	47.2405280 - 47˚ 14' 25.90''
Longitude (West):	122.4240380 - 122˚ 25' 26.53''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	543592.2
UTM Y (Meters):	5231836.0
Elevation:	21 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005109 TACOMA SOUTH, WA
Version Date:	2014
North Map:	6005511 TACOMA NORTH, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
725 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SPRING AIR NW DIV CA	725 E 25TH ST	WA RGA LUST		TP
A2	SPRING AIR NW DIV CA	725 E 25TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES		TP
A3	SPRING AIR NORTHWEST	725 EAST 25TH STREET	FINDS, ECHO		TP
A4	SPRING AIR NORTHWEST	725 E 25TH ST	WA RGA LUST		TP
A5	SPRING AIR NORTHWEST	725 E 25TH ST	WA RGA HWS		TP
A6	SPRING AIR NORTHWEST	725 E 25TH ST	WA VCP		TP
A7	WA317945793 - ENGRAI	STE C725 E 25TH ST	FINDS		TP
A8	FOR KIDS ONLY	725 E 25TH ST	FINDS		TP
A9	WA317949153 - ENGRAI	STE C725 E 25TH ST	FINDS		TP
A10	SPRING AIR NW-DIV CA	725 E 25TH ST	WA RGA LUST		TP
A11	SPRING AIR NORTHWEST	725 E 25TH ST	RCRA NonGen / NLR		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1512, 0.286, East
12	PUGET SOUND SPECIALT	706 E 25TH ST	WA ALLSITES, WA ASBESTOS	Higher	192, 0.036, South
B13	FORMER TEXACO SERVIC	704 PUYALLUP AVE	WA CSCSL, WA ALLSITES	Higher	201, 0.038, NW
B14	FORMER TEXACO SERVIC	704 PUYALLUP AVE	WA VCP	Higher	201, 0.038, NW
B15	BILLS MOBILE SERV GA	702 PUYALLUP AVE	EDR Hist Auto	Higher	224, 0.042, NW
16	FREIGHTHOUSE SQUARE	25TH & G ST E	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA	Higher	267, 0.051, SW
C17	SOUND TRANSIT TACOMA	802 E 25TH ST	WA ALLSITES, WA MANIFEST, WA NPDES	Lower	328, 0.062, ESE
C18	SOUND TRANSIT TACOMA	802 E 25TH ST	RCRA NonGen / NLR	Lower	328, 0.062, ESE
19	TACOMA PUBLIC UTILIT	709 26TH ST E	WA ALLSITES	Lower	436, 0.083, South
D20	PIERCE TRANSIT TACOM	609 E 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	445, 0.084, WSW
D21	FREIGHTHOUSE SQUARE,	602 E 25TH ST	WA CSCSL, WA ALLSITES	Higher	451, 0.085, WSW
E22	SUPERIOR CARTAGE OF	805 PUYALLUP AVE	WA UST	Lower	465, 0.088, NE
E23	SUPERIOR CARTAGE OF	805 PUYALLUP AVE	WA ALLSITES, WA SPILLS	Lower	465, 0.088, NE
F24	BNRR TACOMA YARD PON	605 PUYALLUP ST	WA ALLSITES, WA CSCSL NFA, WA SPILLS	Higher	475, 0.090, WNW
F25	STANDARD STATIONS IN	624 PUYALLUP AVE	EDR Hist Auto	Higher	514, 0.097, WNW
26	WESTERN BEER DISTRIB	712 EAST 26TH	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA	Lower	541, 0.102, South
27	TNT REDDAWAY TRUCK L	801 E 26TH	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	559, 0.106, SE
G28	PRECISION PATTERN IN	2620 E G ST	WA VCP	Lower	600, 0.114, South
G29	AIM AEROSPACE TACOMA	2620 E G ST	RCRA NonGen / NLR	Lower	600, 0.114, South
G30	PRECISION PATTERN IN	2620 E G ST	WA ALLSITES, WA CSCSL NFA, WA SPILLS, FINDS, ECHO,...	Lower	600, 0.114, South
31	HJB MARINE	601 E 26TH ST	WA ALLSITES	Higher	627, 0.119, SW
32	PLYTAC	801 E 25TH	WA ALLSITES, FINDS	Lower	646, 0.122, East
H33	CARAUSTAR	808 E 26TH ST	WA SWF/LF, WA ALLSITES, WA ASBESTOS, WA MANIFEST	Lower	657, 0.124, SE
H34	CARAUSTAR	808 E 26TH ST	RCRA-VSQG	Lower	657, 0.124, SE
35	TACOMA TRESTLE TRACK	824 E 25TH STREET	WA CSCSL, WA ALLSITES, WA ASBESTOS	Lower	675, 0.128, East
I36	MENDEZ PROPERTY	910 PUYALLUP AVE	WA VCP	Lower	698, 0.132, ENE
I37	MENDEZ PROPERTY	910 PUYALLUP AVE	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES	Lower	698, 0.132, ENE
38	PUGET SOUND METAL	2607 EAST G ST	WA ALLSITES, FINDS	Lower	739, 0.140, South

MAPPED SITES SUMMARY

Target Property Address:
725 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
39	DON ENGLE DISTRIBUTI	2601 E F ST	WA UST, WA ALLSITES	Higher	758, 0.144, SSW
J40	JOHNSON STONE COUNTE	523 PUYALLUP AVE	WA ALLSITES	Higher	774, 0.147, WNW
J41	SOUTH SOUND RADIATOR	509 PUYALLUP AVE	WA HSL, WA CSCSL, WA ALLSITES	Higher	830, 0.157, WNW
42	NEW TACOMA BOX CO	921 E 26TH ST	WA ALLSITES	Lower	846, 0.160, ESE
K43	PRECISION MACHINE WO	925 E 25TH ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	855, 0.162, East
K44	PRECISION MACHINE WO	925 E 25TH ST	RCRA NonGen / NLR	Lower	855, 0.162, East
L45	SMURFIT STONE CONTAI	817 E 27TH ST	WA HSL, WA CSCSL, WA ALLSITES, WA NPDES	Lower	881, 0.167, SSE
L46	SMURFIT STONE CONTAI	817 E 27TH ST	WA VCP	Lower	881, 0.167, SSE
47	SOUND TRANSIT TACOMA	XXX E 25TH ST	WA CSCSL, WA ALLSITES	Lower	885, 0.168, East
M48	MANNA PRO CORP	518 PUYALLUP AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Higher	898, 0.170, West
M49	ALL TRANSMISSIONS PI	505 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	925, 0.175, West
50	BNSF TACOMA FUELING	1001 PUYALLUP AVE	WA HSL, WA CSCSL, WA ALLSITES	Higher	930, 0.176, WNW
51	GOLDEN WEST MOTEL	503 E 26TH	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	932, 0.177, WSW
M52	LEGACY RENOVATIONS	511 PUYALLUP AVE	WA ALLSITES	Higher	938, 0.178, West
M53	DISCOVERY	502 PUYALLUP AVE	WA UST, WA ALLSITES	Higher	958, 0.181, West
M54	TACOMA DOME STATION	500 PUYALLUP AVE	WA ALLSITES, WA CSCSL NFA	Higher	965, 0.183, West
55	SAVAGE WHOLESALE	1001 E 25TH ST	WA ALLSITES	Lower	1044, 0.198, East
56	HOLROYD CO TACOMA PL	26TH & J ST E	WA ALLSITES, WA NPDES	Lower	1078, 0.204, ESE
57	AIRSPARES	415 E 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1080, 0.205, WSW
N58	INDUSTRIAL TIRE SERV	423 PUYALLUP AVE	WA VCP	Higher	1099, 0.208, West
N59	CLEVINGER TRUCK SERV	423 PUYALLUP AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	1099, 0.208, West
N60	PACIFIC CHARTER SCHO	2300 EAST E ST	WA UST	Higher	1102, 0.209, WNW
N61	PACIFIC CHARTER SCHO	2300 EAST E ST	WA LUST, WA ALLSITES, WA CSCSL NFA	Higher	1102, 0.209, WNW
62	BULLS EYE SUPPLY	414 PUYALLUP AVE	WA ALLSITES	Higher	1149, 0.218, West
63	F & E INVESTMENTS	401 EA 25 ST	WA UST, WA ALLSITES	Higher	1241, 0.235, West
64	INDUSTRIAL PARTS FRI	409 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1247, 0.236, WSW
O65	SALVATION ARMY ARC	409 PUYALLUP AVE	RCRA NonGen / NLR, FINDS, ECHO, WA ASBESTOS	Higher	1258, 0.238, West
O66	SALVATION ARMY ARC	409 PUYALLUP AVE	WA ALLSITES	Higher	1258, 0.238, West
O67	SALVATION ARMY ARC	409 PUYALLUP AVE	WA UST	Higher	1258, 0.238, West
68	ALFREDS CAFE	402 PUYALLUP AVE	WA ALLSITES	Higher	1273, 0.241, West
69	ATLAS TRUCKING INC S	PUYALLUP AVE & D ST	WA ALLSITES, RCRA NonGen / NLR	Higher	1350, 0.256, West
70	INDUSTRIAL RUBBER &	2307 E D ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1354, 0.256, WNW
71	MYSTIC MOCHA	402 E 26TH ST	WA ALLSITES	Higher	1356, 0.257, WSW
72	ECOTEX COMPANY	1115 E 25TH ST	WA ALLSITES, WA SPILLS	Higher	1419, 0.269, East
73	CASCADE FRICTION MAT	314 PUYALLUP AVE	WA ALLSITES	Higher	1427, 0.270, West
74	JOHNNYS FINE FOOD	319 E 25TH ST	WA ALLSITES	Higher	1439, 0.273, West
75	LRI LONG HAUL INTERM	1941 E D ST	WA ALLSITES, WA NPDES	Lower	1452, 0.275, North
P76	MELODY MEATS	323 E 26TH ST	WA ALLSITES	Higher	1456, 0.276, WSW
Q77	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA CSCSL, WA ALLSITES	Lower	1470, 0.278, NW

MAPPED SITES SUMMARY

Target Property Address:
725 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q78	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1470, 0.278, NW
Q79	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1470, 0.278, NW
P80	SME SOLUTIONS	313 E 26TH ST	WA ALLSITES	Higher	1532, 0.290, WSW
P81	SME CORP	311 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	1541, 0.292, WSW
82	DAIRY QUEEN	1112 PUYALLUP AVE	WA ALLSITES	Higher	1578, 0.299, ENE
R83	TACOMA BIKE	309 PUYALLUP AVE	WA ALLSITES	Higher	1587, 0.301, West
S84	WP FULLER PROPERTY	1109 PUYALLUP AVE	WA ALLSITES, WA CSCSL NFA	Higher	1588, 0.301, ENE
S85	WP FULLER PROPERTY	1109 PUYALLUP AVE	WA VCP	Higher	1588, 0.301, ENE
T86	EDGE TECHNOLOGIES	314 E 26TH ST	WA ALLSITES	Higher	1617, 0.306, WSW
T87	TOD DRESSEL PRIVATE	306 308 314 E 26TH S	WA ALLSITES, WA CSCSL NFA, WA MANIFEST	Higher	1617, 0.306, WSW
T88	DRESSEL PROPERTY	306 308 314 E 26TH S	WA VCP	Higher	1617, 0.306, WSW
89	REP ELELCTRIC INC	1121 E 26TH ST	WA ALLSITES	Higher	1636, 0.310, East
U90	BERG SCAFFOLDING CO	2130 E D ST	WA UST, WA ALLSITES, WA NPDES	Lower	1641, 0.311, WNW
U91	BRLF-06: AMERICAN PL	2130 EAST D STREET	US BROWNFIELDS, FINDS	Lower	1641, 0.311, WNW
U92	AMERICAN PLATING	2110 E D ST	CORRACTS, WA INST CONTROL, WA BROWNFIELDS, WA...	Lower	1645, 0.312, WNW
U93	AMERICAN PLATING CO	2110 EAST D ST	SEMS-ARCHIVE	Lower	1645, 0.312, WNW
U94	PICKERING INDUSTRIES	2102 E D ST	WA UST, WA ICR, WA ALLSITES, RCRA NonGen / NLR,...	Lower	1653, 0.313, WNW
R95	GONZALES MOTORS	301 PUYALLUP AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Higher	1661, 0.315, West
96	BNRR TACOMA YARD PAR	21ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1698, 0.322, NW
V97	STONE PROPERTY TRANS	E 25TH & E C ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	1711, 0.324, WSW
V98	STONE PROPERTY TRANS	E 25TH & E C ST	WA VCP	Higher	1711, 0.324, WSW
99	BNSF RAILWAY COMPANY	610 E 21ST ST	WA ALLSITES, WA SPILLS, WA MANIFEST, WA NPDES	Lower	1716, 0.325, NNW
100	STAR TOURS	224 PUYALLUP AVE	WA ALLSITES	Higher	1783, 0.338, West
W101	VALLEY PUB	1206 PUYALLUP AVE	WA ALLSITES	Higher	1795, 0.340, ENE
X102	EVERGREEN EQUIPMENT	221 PUYALLUP AVE	WA ALLSITES	Higher	1837, 0.348, West
X103	MCLEANS AUTO REPAIR	221 1/2 PUYALLUP AVE	WA ALLSITES, FINDS	Higher	1837, 0.348, West
104	AEROSTAR ENGINEERING	2619 E L ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1846, 0.350, ESE
Y105	GOLDEN LINE RECYCLIN	217 E 25TH ST	WA ALLSITES	Higher	1861, 0.352, WSW
Y106	FRONTIER TRANSPORTAT	217 EAST 25TH ST	WA UST, WA ALLSITES	Higher	1861, 0.352, WSW
107	AT&T WIRELESS TACOMA	222 E 26TH ST	WA ALLSITES, FINDS	Higher	1883, 0.357, WSW
108	MCKINLEY PARK	907 UPPER PARK ST	WA CSCSL, WA ALLSITES	Higher	1884, 0.357, South
W109	ASSOCIATED PETROLEUM	1214 PUYALLUP AVE	WA CSCSL, WA ALLSITES	Higher	1895, 0.359, ENE
110	STORAGE BOX THE	216 PUYALLUP AVE	WA ALLSITES	Higher	1906, 0.361, West
X111	CITY OF TACOMA - DOC	201 PUYALLUP AVE	WA SWF/LF	Higher	1935, 0.366, West
Z112	LD KITCHEN AND BATH	1201 PUYALLUP AVE	WA ALLSITES, FINDS, WA MANIFEST, WA UIC	Higher	1948, 0.369, ENE
Z113	PUYALLUP AVE GAS STA	1201-1203 PUYALLUP A	WA CSCSL, WA LUST, WA ALLSITES	Higher	1948, 0.369, ENE
Z114	PUYALLUP AVE GAS STA	1201-1203 PUYALLUP A	WA VCP	Higher	1948, 0.369, ENE
AA115	MAXI SEEDS INC	21ST & D ST	WA ALLSITES, RCRA NonGen / NLR	Lower	1992, 0.377, NW
116	L STREET LAYOVER EXP		WA ALLSITES	Higher	1998, 0.378, East

MAPPED SITES SUMMARY

Target Property Address:
725 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
117	TACOMA CENTER MOTEL	1220 PUYALLUP AVE	WA ALLSITES	Higher	1999, 0.379, East
118	SUPERVALU INC BLDG 1	480 E 19TH	WA ALLSITES, FINDS	Lower	2013, 0.381, North
119	SUPERVALU INC	490 E 19TH ST	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	2026, 0.384, NNE
AB120	AIRSPARES	2617 L ST E	WA LUST, WA UST, WA INST CONTROL, WA ALLSITES, WA...	Higher	2030, 0.384, East
AB121	AIR SPARES INC	2617 E L ST	WA VCP	Higher	2030, 0.384, East
AC122	PACIFIC TRANSPORTATI	440 E 19TH ST	WA ALLSITES, WA CSCSL NFA, RCRA NonGen / NLR,...	Lower	2040, 0.386, NNW
123	DOCK STREET STATION	2301 E B ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	2047, 0.388, West
AD124	DEPT OF PUBLIC ASSEM	2727 E D ST	WA VCP	Higher	2050, 0.388, SSW
AD125	TACOMA CITY OF TACOM	2727 E D ST	WA UST, WA ICR	Higher	2050, 0.388, SSW
AD126	DEPT OF PUBLIC ASSEM	2727 E D ST	WA LUST, WA ALLSITES, WA CSCSL NFA, RCRA NonGen /...	Higher	2050, 0.388, SSW
AC127	SUPERVALU MEAT WAREH	475 E 19TH ST	WA ALLSITES, FINDS, ECHO, WA NPDES	Lower	2083, 0.395, NNW
AA128	PICKS COVE MARINA	1940 E D ST	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA, WA...	Lower	2087, 0.395, NW
AA129	PICKS COVE MARINA	1940 E D ST	WA VCP	Lower	2087, 0.395, NW
AE130	TACOMA TRANSLOAD INC	501 E 19TH ST	WA VCP	Lower	2099, 0.398, North
AE131	TACOMA TRANSLOAD INC	501 E 19TH ST	WA CSCSL, WA ALLSITES, WA SPILLS, WA NPDES	Lower	2099, 0.398, North
AE132	SUPERVALU INTERNATIO	495 E 19TH ST	WA ALLSITES	Lower	2117, 0.401, NNW
133	SUPERVALU AMMONIA RE	590 E. 19TH	SEMS, FINDS	Lower	2120, 0.402, North
134	NW FURNITURE BANK	117 PUYALLUP AVE TAC	WA SWRCY	Higher	2143, 0.406, West
AF135	NICHOLS TRUCKING CO	424 E 19TH ST	WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA...	Lower	2147, 0.407, NNW
AF136	NICHOLS TRUCKING CO	424 E 19TH ST	WA UST, WA ICR, RCRA NonGen / NLR, FINDS, ECHO	Lower	2147, 0.407, NNW
137	BURLINGTON NORTHERN	RIGHT-OF-WAY TAR PIT	SEMS	Lower	2160, 0.409, NE
138	TACOMA SPUR	24TH S AND EAST A (I	SEMS	Higher	2172, 0.411, West
AG139	ALL SAFE ENVIRONMENT	1901 E D ST STE A	WA ALLSITES	Lower	2181, 0.413, NW
AG140	HERITAGE CRYSTAL CLE	1901 E D ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	2181, 0.413, NW
AH141	UNOCAL 76 MAJOR PETR	1302 PUYALLUP AVE	WA VCP	Higher	2217, 0.420, ENE
AH142	MAJOR PETROLEUM B.P.	1302 PUYALLUP AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Higher	2217, 0.420, ENE
AI143	TAFT & COMPANY	1239 PUYALLUP AVE.	WA ICR	Higher	2233, 0.423, ENE
AI144	TAFT & COMPANY 1239	1239 PUYALLUP AVE	WA VCP	Higher	2233, 0.423, ENE
AI145	TAFT & COMPANY 1239	1239 PUYALLUP AVE	WA LUST, WA ALLSITES, WA CSCSL NFA	Higher	2233, 0.423, ENE
146	DOCK STREET OVERPASS	21ST & DOCK ST	WA UST, WA ALLSITES	Lower	2274, 0.431, WNW
AJ147	NORTH COAST ELECTRIC	1301 E 26TH ST	WA ALLSITES	Higher	2278, 0.431, East
AK148	KIEWIT PACIFIC CO TA	132 PUYALLUP AVE	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2289, 0.434, West
AL149	ALL COTE COATINGS IN	1311 E 25TH ST	WA ALLSITES	Higher	2316, 0.439, East
AJ150	HERITAGE ENTERPRISES	1321 E 26TH ST	WA ALLSITES, FINDS	Higher	2316, 0.439, East
151	TACOMA MOVING & STOR	1314 E 26TH ST	WA ALLSITES	Higher	2340, 0.443, East
AK152	ALMAR INC TACOMA	119 1/2 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2347, 0.445, West
AM153	ARROW TRANSPORTATION	457 E 18TH ST ARROW	WA ALLSITES, ICIS, FINDS, ECHO	Lower	2352, 0.445, North
AM154	MPS INC	457 E 18TH ST FRONT	WA ALLSITES, FINDS, ECHO	Lower	2352, 0.445, North
AM155	TRUCK RAIL HANDLING	457 E 18TH ST TRANSP	WA ALLSITES, RCRA NonGen / NLR	Lower	2352, 0.445, North

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AM156	SAFETY KLEEN SYSTEMS	457 E 18TH ST	WA ALLSITES	Lower	2352, 0.445, North
AM157	TRUCK RAIL HANDLING	457 E 18TH ST	RCRA-VSQG, WA HSL, WA CSCSL, WA ALLSITES, WA...	Lower	2352, 0.445, North
158	BROWN & HALEY INC FA	110 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2368, 0.448, WSW
AN159	TAFT & COMPANY	1247 PUYALLUP AVE	WA VCP	Lower	2400, 0.455, ENE
AN160	WASHINGTON TEXTILE C	1247 PUYALLUP AVE.	WA ICR	Lower	2400, 0.455, ENE
AN161	TAFT & COMPANY	1247 PUYALLUP AVENUE	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA	Lower	2400, 0.455, ENE
162	PUGET SOUND TIRE	102 PUYALLUP RD	WA ALLSITES	Higher	2409, 0.456, West
AL163	LILYBLAD PETROLEUM I	1313 E 25TH ST	WA SWF/LF, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	2411, 0.457, East
164	BETTE MCBRIER	1320 PUYALLUP AVE	WA CSCSL, WA UST, WA ALLSITES, WA ASBESTOS	Higher	2419, 0.458, ENE
165	JOHNNYS DOCK MARINA	1900 E D ST	WA ALLSITES, WA SPILLS	Lower	2431, 0.460, NW
166	STANDARD CHEMICAL CO	2159 DOCK ST	WA HSL, WA CSCSL, WA INST CONTROL, WA ALLSITES	Higher	2453, 0.465, WNW
167	HOOD ST RESERVOIR	3110 I ST S	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2458, 0.466, SSE
AO168	SUPERVALU HOLDINGS I	448 E 18TH ST	WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA...	Lower	2466, 0.467, NNW
AO169	WEST COAST FRUIT & P	448 E. 18TH ST.	WA ICR	Lower	2466, 0.467, NNW
170	SPRING BACK MATTRESS	2301 DOCK STREET	WA SWF/LF, WA SWRCY	Higher	2473, 0.468, West
171	THEA FOSS WATERWAY E	2101 DOCK ST	WA ALLSITES	Lower	2499, 0.473, WNW
172	TACOMA FIXTURE CO.	1815 E D ST	WA ALLSITES, RCRA NonGen / NLR, ICIS, US AIRS, WA...	Lower	2513, 0.476, NW
173	SUPERVALU INC BLDG 1	420 E 18TH ST	WA ALLSITES, WA SPILLS, WA MANIFEST	Lower	2559, 0.485, NNW
AP174	MCMACKEN PROPERTY SO	115 S 26TH ST	WA VCP	Higher	2560, 0.485, WSW
AP175	SOUND TRANSIT TACOMA	115 S 26TH ST	WA HSL, WA CSCSL, WA ALLSITES, WA MANIFEST	Higher	2560, 0.485, WSW
AQ176	HOLLAND QUALITY CLEA	102 S 24TH ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Higher	2571, 0.487, West
AQ177	ACTION BUSINESS FURN	102 S 24TH ST	WA UST, WA ICR	Higher	2571, 0.487, West
AR178	TACOMA COAL GASIFICA	A STREET	EDR MGP	Higher	2583, 0.489, West
AR179	PSE TACOMA	2205 A ST	WA ALLSITES, FINDS, ECHO	Higher	2610, 0.494, West
180	TACOMA CITY SIGN SHO	1423 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2615, 0.495, ENE
181	SUPERVALU INTERNATIO	1801 E D ST	WA ALLSITES	Lower	2633, 0.499, NNW
AQ182	POWDER COATING SYSTE	109 S 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2636, 0.499, West
183	TACOMA REDEVELOPMENT	THEA FOSS WATERWAY	WA HSL, WA CSCSL, WA INST CONTROL, WA BROWNFIELDS	Lower	2651, 0.502, WNW
184	PINGCO INTERNATIONAL	102 S 26TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2660, 0.504, WSW
AS185	TACOMA COAL GASIFICA	E 22ND AND A STS	EDR MGP	Higher	2680, 0.508, WNW
AS186	TACOMA COAL GASIFICA	22ND ST & A ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	2701, 0.512, WNW
187	TEXACO #63 232 0351	2523 PACIFIC AVE.	WA CSCSL, WA LUST, WA ICR, WA ALLSITES	Higher	2753, 0.521, WSW
188	FOREMOST DAIRY	2413 PACIFIC AVE S	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2780, 0.527, West
189	US BANK PACIFIC AVE	2317 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES, WA ASBESTOS	Higher	2807, 0.532, West
190	BNSF D ST PIPELINE	18TH & D ST	WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	2827, 0.535, NW
191	CHEERS RESTAURANT	2611 PACIFIC AVE	WA CSCSL, WA LUST, WA ALLSITES	Higher	2830, 0.536, WSW
192	AMERICAN PETROLEUM E	2117 E RIVER ST	WA CSCSL, WA SWF/LF, WA ALLSITES, FINDS, ECHO, WA...	Lower	2948, 0.558, ENE
193	PSE TACOMA HISTORICA	2200 E RIVER ST	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	2990, 0.566, NE
194	SUPERVALU NORTHWEST	1525 E D ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	3001, 0.568, NNW

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195	CHEVRON BULK PLANT U	1656 E J ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	3022, 0.572, North
196	PILOT TRAVEL CENTER	1440 PUYALLUP AVE	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES, WA	Higher	3026, 0.573, East
197	28TH ST CITY OF TACO	2801 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES, FINDS, WA ASBESTOS	Higher	3079, 0.583, WSW
198	SMITTYS FLEET SVC IN	2718 PACIFIC AVE	WA CSCSL, WA LUST, WA UST, WA SWRCY, WA ALLSITES,..	Higher	3121, 0.591, WSW
AT199	WA DOT DEDENTE BUILD	2101 PACIFIC AVENUE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3129, 0.593, WNW
AT200	PUGNETTI PARK	2085 PACIFIC AVE S	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	3134, 0.594, WNW
AU201	UNION STATION MUSEUM	1917 PACIFIC AVE SO	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3303, 0.626, WNW
202	ON THE WATER LLC	2502 S C ST	WA CSCSL, WA LUST, WA ALLSITES, WA MANIFEST	Higher	3305, 0.626, WSW
AU203	WASHINGTON STATE HIS	1911 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES	Higher	3308, 0.627, WNW
204	WSDOT SR 705 ON RAMP		WA CSCSL, WA ALLSITES	Higher	3310, 0.627, SW
205	25TH & HOLGATE S TAC	25TH & HOLGATE S	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	3391, 0.642, WSW
206	COLUMBIA ENERGY RESO	2120 S C ST	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES	Higher	3457, 0.655, West
207	TACOMA TAR PITS	PORTLAND AV & RIVER	SEMS, WA HSL, WA CSCSL, WA ALLSITES, CONSENT	Lower	3469, 0.657, NE
208	SHAUB ELLISON CO TAC	1902 PACIFIC AVE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3496, 0.662, WNW
AV209	UNIVERSITY OF WASHIN	1904 COMMERCE ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3533, 0.669, WNW
210	UNION PACIFIC RAILRO	2300 CLEVELAND WAY	WA CSCSL, WA ALLSITES	Lower	3541, 0.671, ENE
211	R & R INVESTMENT	1920 C ST S	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3625, 0.687, WNW
AV212	WA UW TACOMA BR CAMP	1930 C ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, WA ALLSITES,...	Higher	3634, 0.688, WNW
213	RAINIER RICHLITE CO	624 E 15TH ST	RCRA-VSQG, WA CSCSL, WA LUST, WA ALLSITES, TRIS,...	Lower	3648, 0.691, North
214	BNSF S HOOD ST RENTA	S HOOD ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	3659, 0.693, WSW
215	SUNNEN CRANE CO INC	2323 E Q ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ICR, WA...	Lower	3687, 0.698, East
216	WA UW TACOMA BRANCH	1900 COMMERCE	WA HSL, WA CSCSL, WA ALLSITES	Higher	3695, 0.700, WNW
217	RENTAL SERVICE CORPO	2302 E Q ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Lower	3713, 0.703, East
218	TACOMA CENTRAL NO 1	2201 E PORTLAND AVE	WA HSL, WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS,...	Lower	3713, 0.703, NE
219	SEATTLE TRANSFER	1701 BAY ST	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Lower	3722, 0.705, East
220	TACOMA UNION STA	1717 PACIFIC AVE	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Higher	3723, 0.705, WNW
221	CAMARANO BROTHERS	2340 JEFFERSON AVE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3780, 0.716, West
222	UNION PACIFIC RR TUN	JEFFERSON & 25TH & C	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	3788, 0.717, WSW
223	TACOMA METALS SITE	1919 PORTLAND AVE	WA HSL, WA CSCSL, WA VCP, WA ALLSITES, RCRA NonGen	Lower	3876, 0.734, NNE
224	J M MARTINAC SHIPBUI	401 E 15TH ST	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES, WA	Lower	3892, 0.737, NNW
225	CLEANER PRESSURE WAS	1820 E PORTLAND AVE	WA CSCSL, WA ALLSITES	Lower	3917, 0.742, NNE
226	TACOMA CHRISTIAN CEN	3523 MCKINLEY AVE	WA CSCSL, WA ALLSITES, WA ASBESTOS	Higher	4150, 0.786, SSE
227	DOCK STREET	1501 E DOCK ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	4200, 0.795, NW
228	PRAIRIE LINE TRAIL	1547 PACIFIC AVE	WA CSCSL, WA ALLSITES	Higher	4227, 0.801, NW
229	PACIFIC QUICKSTOP	1548 PACIFIC AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	4239, 0.803, NW
230	BNSF RAILROAD ROW MP	38.5 MILEPOST	WA CSCSL, WA ALLSITES	Lower	4249, 0.805, East
231	UNION PACIFIC RAILRO	1228 ST PAUL AVE	WA CSCSL, WA ALLSITES	Lower	4300, 0.814, North
232	ROMAN MEAL COMPANY	2101 SO TACOMA WAY P	WA CSCSL, WA UST, WA ALLSITES	Higher	4460, 0.845, West
233	NEWMAN RECYCLING	409 E MORTON ST	WA HSL, WA CSCSL, WA ALLSITES, RCRA NonGen / NLR,...	Higher	4484, 0.849, South

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234	TACOMA CITY CONVENTI	1500 BROADWAY	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	4611, 0.873, NW
235	35TH ST LANDFILL CIT	S 35TH ST & PACIFIC	WA CSCSL, WA ALLSITES, FINDS	Higher	4832, 0.915, SSW
236	USPS DOWNTOWN TACOMA	S 14TH ST & COURT A	WA HSL, WA CSCSL, WA ALLSITES	Higher	4848, 0.918, NW
237	SAUROS CLEANERAMA TA	1401 S PACIFIC AVE	WA HSL, WA CSCSL, WA INST CONTROL, WA ALLSITES,...	Higher	4864, 0.921, NW
238	1502 MARKET ST TACOM	1502 MARKET ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	5015, 0.950, NW
239	PETRICH MARINE DOCK	1118 TO 1120 E D ST	WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	5033, 0.953, NNW
240	FLOWSERVE CORPORATIO	2007 STEWART ST	WA CSCSL, WA ALLSITES, WA MANIFEST	Lower	5072, 0.961, NE
241	KAHNE & KAHNE PROPER	2117 YAKIMA AVE	WA CSCSL, WA ALLSITES	Higher	5126, 0.971, West
242	PIERCE COUNTY TAX TI	1621 E PORTLAND AVE	WA CSCSL, WA ALLSITES	Lower	5161, 0.977, NNE
243	MIDDLE WATERWAY STEE	E F ST & 11TH ST	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Lower	5190, 0.983, NNW
244	LYDEN CASTPARTS INC	652 E 11TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES, FINDS	Lower	5255, 0.995, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SPRING AIR NW DIV CA 725 E 25TH ST TACOMA, WA	WA RGA LUST Facility ID: 6904	N/A
SPRING AIR NW DIV CA 725 E 25TH ST TACOMA, WA 98421	WA CSCSL Site Status: Cleanup Started Clean Up Siteid: 5476 Facility ID: 9111625 Soil: Confirmed Above Cleanup Levels Soil: Below Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Petroleum-Other Contaminant Name: Polychlorinated biPhenyls (PCB) WA LUST Database: LUST, Date of Government Version: 05/12/2020 Release Date: 09/08/1998 LUST Date: 09/09/1998 Facility Status: LUST - Cleanup Started Ground Water: Confirmed Above Cleanup Levels Cleanup Site ID: 5476 Soil: Confirmed Above Cleanup Levels Soil: Below Cleanup Levels Facility ID: 9111625 WA UST Facility ID: 9111625 Tank Status: Removed Site Id: 6904 WA ALLSITES Facility Id: 9111625 Facility Id: 18665	N/A
SPRING AIR NORTHWEST 725 EAST 25TH STREET TACOMA, WA 98421	FINDS Registry ID:: 110008215653 ECHO Registry ID: 110008215653	N/A
SPRING AIR NORTHWEST 725 E 25TH ST TACOMA, WA	WA RGA LUST Facility ID: 9111625	N/A
SPRING AIR NORTHWEST 725 E 25TH ST TACOMA, WA	WA RGA HWS	N/A

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	Facility ID: 9111625	
SPRING AIR NORTHWEST 725 E 25TH ST TACOMA, WA 98421	WA VCP VCP: TRUE Facility ID: 9111625 VCP: TRUE Cleanup Siteid: 5476	N/A
WA317945793 - ENGRAI STE C725 E 25TH ST TACOMA, WA 98421	FINDS Registry ID:: 110070298665	N/A
FOR KIDS ONLY 725 E 25TH ST TACOMA, WA 98421	FINDS Registry ID:: 110039224602	N/A
WA317949153 - ENGRAI STE C725 E 25TH ST TACOMA, WA 98421	FINDS Registry ID:: 110070346893	N/A
SPRING AIR NW-DIV CA 725 E 25TH ST TACOMA, WA	WA RGA LUST Facility ID: 6904 Facility ID: 6904.0	N/A
SPRING AIR NORTHWEST 725 E 25TH ST TACOMA, WA 98420	RCRA NonGen / NLR EPA ID:: WAD009258187	WAD009258187

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

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Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
WA AST ..... Aboveground Storage Tank Locations
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWTIRE ..... Solid Waste Tire Facilities
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
WA CDL ..... Clandestine Drug Lab Contaminated Site List

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WA HIST CDL ..... List of Sites Contaminated by Clandestine Drug Labs
US CDL ..... National Clandestine Laboratory Register
WA AQUEOUS FOAM ..... Firefighting Foam Incidents
WA PFAS ..... PFAS Contamination Site Location Listing

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
WA SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
TSCA ..... Toxic Substances Control Act
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ..... Incident and Accident Data
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US MINES ..... Mines Master Index File
ABANDONED MINES ..... Abandoned Mines
UXO ..... Unexploded Ordnance Sites
DOCKET HWC ..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ..... EPA Fuels Program Registered Listing
WA AIRS ..... Washington Emissions Data System
WA COAL ASH ..... Coal Ash Disposal Site Listing
MINES MRDS ..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner ..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WA RGA LF ..... Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there are 3 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA SPUR Site ID: 1001025 EPA Id: WAD980835789	24TH S AND EAST A (I	W 1/4 - 1/2 (0.411 mi.)	138	629

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERVALU AMMONIA RE	***590 E. 19TH***	***N 1/4 - 1/2 (0.402 mi.)***	***133***	***613***
BURLINGTON NORTHERN Site ID: 1000960 EPA Id: WAD980723498	RIGHT-OF-WAY TAR PIT	NE 1/4 - 1/2 (0.409 mi.)	137	628

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless

information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING CO Site ID: 1000796 EPA Id: WAD083350231	2110 EAST D ST	WNW 1/4 - 1/2 (0.312 mi.)	U93	413

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WA UW TACOMA BR CAMP EPA ID:: WAD980664718	***1930 C ST***	***WNW 1/2 - 1 (0.688 mi.)***	***AV212***	***1227***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING EPA ID:: WAD083350231	***2110 E D ST***	***WNW 1/4 - 1/2 (0.312 mi.)***	***U92***	***348***

Federal RCRA generators list

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARAUSTAR EPA ID:: WAH000050232	808 E 26TH ST	SE 0 - 1/8 (0.124 mi.)	H34	155

State- and tribal - equivalent NPL

WA HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the WA HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there are 38 WA HSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH SOUND RADIATOR Facility Type: Hazardous Sites List FSID Number: 8785404 Facility Status: Awaiting Cleanup	***509 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.157 mi.)***	***J41***	***177***
BNSF TACOMA FUELING Facility Type: Hazardous Sites List FSID Number: 7981609 Facility Status: Awaiting Cleanup	***1001 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.176 mi.)***	***50***	***210***
CLEVINGER TRUCK SERV Facility Type: Hazardous Sites List FSID Number: 3291385 Facility Status: Cleanup Started	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.208 mi.)***	***N59***	***229***
STONE PROPERTY TRANS Facility Type: Hazardous Sites List FSID Number: 3782573 Facility Status: Cleanup Started	***E 25TH & E C ST***	***WSW 1/4 - 1/2 (0.324 mi.)***	***V97***	***429***
MAJOR PETROLEUM B.P. Facility Type: Hazardous Sites List FSID Number: 61931157 Facility Status: Cleanup Started	***1302 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.420 mi.)***	***AH142***	***744***
STANDARD CHEMICAL CO Facility Type: Hazardous Sites List FSID Number: 85776142 Facility Status: CC-Perf. Monitoring	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.465 mi.)***	***166***	***884***
SOUND TRANSIT TACOMA Facility Type: Hazardous Sites List FSID Number: 7912006 Facility Status: Cleanup Started	***115 S 26TH ST***	***WSW 1/4 - 1/2 (0.485 mi.)***	***AP175***	***968***
TACOMA COAL GASIFICA Facility Type: Hazardous Sites List FSID Number: 1249 Facility Status: Cleanup Started	***22ND ST & A ST***	***WNW 1/2 - 1 (0.512 mi.)***	***AS186***	***1095***
FOREMOST DAIRY Facility Type: Hazardous Sites List FSID Number: 22019 Facility Status: Cleanup Started	***2413 PACIFIC AVE S***	***W 1/2 - 1 (0.527 mi.)***	***188***	***1100***
US BANK PACIFIC AVE Facility Type: Hazardous Sites List FSID Number: 10919 Facility Status: Cleanup Started	***2317 PACIFIC AVE***	***W 1/2 - 1 (0.532 mi.)***	***189***	***1104***
28TH ST CITY OF TACO Facility Type: Hazardous Sites List	***2801 PACIFIC AVE***	***WSW 1/2 - 1 (0.583 mi.)***	***197***	***1176***

FSID Number: 362821 Facility Status: Cleanup Started				
PUGNETTI PARK Facility Type: Hazardous Sites List FSID Number: 42385149 Facility Status: Awaiting Cleanup	***2085 PACIFIC AVE S***	***WNW 1/2 - 1 (0.594 mi.)***	***AT200***	***1195***
WASHINGTON STATE HIS Facility Type: Hazardous Sites List FSID Number: 4553045 Facility Status: Awaiting Cleanup	***1911 PACIFIC AVE***	***WNW 1/2 - 1 (0.627 mi.)***	***AU203***	***1206***
25TH & HOLGATE S TAC Facility Type: Hazardous Sites List FSID Number: 16358 Facility Status: Cleanup Started	***25TH & HOLGATE S***	***WSW 1/2 - 1 (0.642 mi.)***	***205***	***1207***
BNSF S HOOD ST RENTA Facility Type: Hazardous Sites List FSID Number: 969 Facility Status: Awaiting Cleanup	***S HOOD ST***	***WSW 1/2 - 1 (0.693 mi.)***	***214***	***1381***
WA UW TACOMA BRANCH Facility Type: Hazardous Sites List FSID Number: 1325 Facility Status: Cleanup Started	***1900 COMMERCE***	***WNW 1/2 - 1 (0.700 mi.)***	***216***	***1384***
UNION PACIFIC RR TUN Facility Type: Hazardous Sites List FSID Number: 1292 Facility Status: Awaiting Cleanup	***JEFFERSON & 25TH & C***	***WSW 1/2 - 1 (0.717 mi.)***	***222***	***1435***
PACIFIC QUICKSTOP Facility Type: Hazardous Sites List FSID Number: 74455879 Facility Status: Cleanup Started	***1548 PACIFIC AVE***	***NW 1/2 - 1 (0.803 mi.)***	***229***	***1514***
NEWMAN RECYCLING Facility Type: Hazardous Sites List FSID Number: 69871828 Facility Status: Awaiting Cleanup	***409 E MORTON ST***	***S 1/2 - 1 (0.849 mi.)***	***233***	***1527***
TACOMA CITY CONVENTI Facility Type: Hazardous Sites List FSID Number: 8168704 Facility Status: Awaiting Cleanup	***1500 BROADWAY***	***NW 1/2 - 1 (0.873 mi.)***	***234***	***1538***
USPS DOWNTOWN TACOMA Facility Type: Hazardous Sites List FSID Number: 99997000 Facility Status: Awaiting Cleanup	***S 14TH ST & COURT A***	***NW 1/2 - 1 (0.918 mi.)***	***236***	***1542***
SAUROS CLEANERAMA TA Facility Type: Hazardous Sites List FSID Number: 4339824 Facility Status: CC-Perf. Monitoring	***1401 S PACIFIC AVE***	***NW 1/2 - 1 (0.921 mi.)***	***237***	***1544***
1502 MARKET ST TACOM Facility Type: Hazardous Sites List FSID Number: 72222742 Facility Status: Cleanup Started	***1502 MARKET ST***	***NW 1/2 - 1 (0.950 mi.)***	***238***	***1580***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SMURFIT STONE CONTAI	***817 E 27TH ST***	***SSE 1/8 - 1/4 (0.167 mi.)***	***L45***	***197***

Facility Type: Hazardous Sites List FSID Number: 17167958 Facility Status: Cleanup Started				
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 1267 Facility Status: Cleanup Started	***21ST ST & S D ST***	***NW 1/4 - 1/2 (0.278 mi.)***	***Q78***	***298***
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 3466912 Facility Status: Awaiting Cleanup	***21ST ST & S D ST***	***NW 1/4 - 1/2 (0.278 mi.)***	***Q79***	***300***
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 91663719 Facility Status: Cleanup Started	***21ST & S D ST***	***NW 1/4 - 1/2 (0.322 mi.)***	***96***	***427***
TRUCK RAIL HANDLING Facility Type: Hazardous Sites List FSID Number: 63316697 Facility Status: Awaiting Cleanup	***457 E 18TH ST***	***N 1/4 - 1/2 (0.445 mi.)***	***AM157***	***784***
TACOMA REDEVELOPMENT Facility Type: Hazardous Sites List FSID Number: 1263 Facility Status: CC-Perf. Monitoring	***THEA FOSS WATERWAY***	***WNW 1/2 - 1 (0.502 mi.)***	***183***	***1054***
SUPERVALU NORTHWEST Facility Type: Hazardous Sites List FSID Number: 46295623 Facility Status: Cleanup Started	***1525 E D ST***	***NNW 1/2 - 1 (0.568 mi.)***	***194***	***1157***
CHEVRON BULK PLANT U Facility Type: Hazardous Sites List FSID Number: 1234 Facility Status: Cleanup Started	***1656 E J ST***	***N 1/2 - 1 (0.572 mi.)***	***195***	***1164***
TACOMA TAR PITS Facility Type: Hazardous Sites List FSID Number: 221 Facility Status: CC-Perf. Monitoring	***PORTLAND AV & RIVER***	***NE 1/2 - 1 (0.657 mi.)***	***207***	***1212***
SUNNEN CRANE CO INC Facility Type: Hazardous Sites List FSID Number: 61656248 Facility Status: Cleanup Started	***2323 E Q ST***	***E 1/2 - 1 (0.698 mi.)***	***215***	***1382***
TACOMA CENTRAL NO 1 Facility Type: Hazardous Sites List FSID Number: 92562654 Facility Status: Cleanup Started	***2201 E PORTLAND AVE***	***NE 1/2 - 1 (0.703 mi.)***	***218***	***1420***
SEATTLE TRANSFER Facility Type: Hazardous Sites List FSID Number: 1228 Facility Status: Awaiting Cleanup	***1701 BAY ST***	***E 1/2 - 1 (0.705 mi.)***	***219***	***1423***
TACOMA METALS SITE Facility Type: Hazardous Sites List FSID Number: 1257 Facility Status: Cleanup Started	***1919 PORTLAND AVE***	***NNE 1/2 - 1 (0.734 mi.)***	***223***	***1437***
DOCK STREET	***1501 E DOCK ST***	***NW 1/2 - 1 (0.795 mi.)***	***227***	***1510***

Facility Type: Hazardous Sites List
FSID Number: 12454784
Facility Status: Cleanup Started

MIDDLE WATERWAY STEE	***E F ST & 11TH ST***	***NNW 1/2 - 1 (0.983 mi.)***	***243***	***1606***

Facility Type: Hazardous Sites List
FSID Number: 55212794
Facility Status: CC-Perf. Monitoring

State- and tribal - equivalent CERCLIS

WA CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the WA CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 84 WA CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER TEXACO SERVIC	***704 PUYALLUP AVE***	***NW 0 - 1/8 (0.038 mi.)***	***B13***	***33***

Site Status: Cleanup Started
Clean Up Siteid: 14432
Facility ID: 78349
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Gasoline

FREIGHTHOUSE SQUARE,	***602 E 25TH ST***	***WSW 0 - 1/8 (0.085 mi.)***	***D21***	***60***

Site Status: Cleanup Started
Clean Up Siteid: 14416
Facility ID: 206719
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SOUTH SOUND RADIATOR	***509 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.157 mi.)***	***J41***	***177***

Site Status: Awaiting Cleanup
Clean Up Siteid: 3600
Facility ID: 8785404
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

BNSF TACOMA FUELING	***1001 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.176 mi.)***	***50***	***210***

Site Status: Awaiting Cleanup
Clean Up Siteid: 1634

Facility ID: 7981609
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Diesel

CLEVINGER TRUCK SERV ***423 PUYALLUP AVE*** ***W 1/8 - 1/4 (0.208 mi.)*** ***N59*** ***229***
Site Status: Cleanup Started
Clean Up Siteid: 5316
Facility ID: 3291385
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline

STONE PROPERTY TRANS ***E 25TH & E C ST*** ***WSW 1/4 - 1/2 (0.324 mi.)*** ***V97*** ***429***
Site Status: Cleanup Started
Clean Up Siteid: 401
Facility ID: 3782573
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

MCKINLEY PARK ***907 UPPER PARK ST*** ***S 1/4 - 1/2 (0.357 mi.)*** ***108*** ***456***
Site Status: Awaiting Cleanup
Clean Up Siteid: 11450
Facility ID: 12317
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Polycyclic Aromatic Hydrocarbons

ASSOCIATED PETROLEUM ***1214 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.359 mi.)*** ***W109*** ***457***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12514
Facility ID: 4676
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Metals - Other
**Additional key fields are available in the Map Findings section*

PUYALLUP AVE GAS STA ***1201-1203 PUYALLUP A*** ***ENE 1/4 - 1/2 (0.369 mi.)*** ***Z113*** ***468***
Site Status: Cleanup Started
Clean Up Siteid: 12039
Facility ID: 8374
Soil: Confirmed Above Cleanup Levels

Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

MAJOR PETROLEUM B.P. ***1302 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.420 mi.)*** ***AH142*** ***744***
Site Status: Cleanup Started
Clean Up Siteid: 6385
Facility ID: 61931157
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

BETTE MCBRIER ***1320 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.458 mi.)*** ***164*** ***875***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13150
Facility ID: 64297321
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

STANDARD CHEMICAL CO ***2159 DOCK ST*** ***WNW 1/4 - 1/2 (0.465 mi.)*** ***166*** ***884***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 4375
Facility ID: 85776142
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Phenolic Compounds
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

SOUND TRANSIT TACOMA ***115 S 26TH ST*** ***WSW 1/4 - 1/2 (0.485 mi.)*** ***AP175*** ***968***
Site Status: Cleanup Started
Clean Up Siteid: 1107
Facility ID: 7912006
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

HOLLAND QUALITY CLEA ***102 S 24TH ST*** ***W 1/4 - 1/2 (0.487 mi.)*** ***AQ176*** ***984***
Site Status: Cleanup Started
Clean Up Siteid: 10614
Facility ID: 81634828
Soil: Below Cleanup Levels

Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

PINGCO INTERNATIONAL	***102 S 26TH ST***	***WSW 1/2 - 1 (0.504 mi.)***	***184***	***1092***

Site Status: Cleanup Started
Clean Up Siteid: 7756
Facility ID: 7640591
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

TACOMA COAL GASIFICA	***22ND ST & A ST***	***WNW 1/2 - 1 (0.512 mi.)***	***AS186***	***1095***

Site Status: Cleanup Started
Clean Up Siteid: 3675
Facility ID: 1249
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Phenolic Compounds
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

TEXACO #63 232 0351	***2523 PACIFIC AVE.***	***WSW 1/2 - 1 (0.521 mi.)***	***187***	***1096***

Site Status: Cleanup Started
Clean Up Siteid: 6150
Facility ID: 47212644
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Other

FOREMOST DAIRY	***2413 PACIFIC AVE S***	***W 1/2 - 1 (0.527 mi.)***	***188***	***1100***

Site Status: Cleanup Started
Clean Up Siteid: 11443
Facility ID: 22019
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

US BANK PACIFIC AVE	***2317 PACIFIC AVE***	***W 1/2 - 1 (0.532 mi.)***	***189***	***1104***

Site Status: Cleanup Started
Clean Up Siteid: 12405
Facility ID: 10919
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Petroleum-Gasoline

CHEERS RESTAURANT	***2611 PACIFIC AVE***	***WSW 1/2 - 1 (0.536 mi.)***	***191***	***1112***

Site Status: Cleanup Started
Clean Up Siteid: 11744
Facility ID: 20251
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

PILOT TRAVEL CENTER	***1440 PUYALLUP AVE***	***E 1/2 - 1 (0.573 mi.)***	***196***	***1168***

Site Status: Cleanup Started
Clean Up Siteid: 3750
Facility ID: 98738811
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

28TH ST CITY OF TACO ***2801 PACIFIC AVE*** ***WSW 1/2 - 1 (0.583 mi.)*** ***197*** ***1176***
Site Status: Cleanup Started
Clean Up Siteid: 3208
Facility ID: 362821
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

SMITTYS FLEET SVC IN ***2718 PACIFIC AVE*** ***WSW 1/2 - 1 (0.591 mi.)*** ***198*** ***1182***
Site Status: Awaiting Cleanup
Clean Up Siteid: 7678
Facility ID: 5947319
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

WA DOT DEDENTE BUILD ***2101 PACIFIC AVENUE*** ***WNW 1/2 - 1 (0.593 mi.)*** ***AT199*** ***1192***
Site Status: Cleanup Started
Clean Up Siteid: 11064
Facility ID: 92371125
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

PUGNETTI PARK ***2085 PACIFIC AVE S*** ***WNW 1/2 - 1 (0.594 mi.)*** ***AT200*** ***1195***
Site Status: Cleanup Started
Clean Up Siteid: 4448
Facility ID: 42385149
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

UNION STATION MUSEUM ***1917 PACIFIC AVE SO*** ***WNW 1/2 - 1 (0.626 mi.)*** ***AU201*** ***1197***
Site Status: Cleanup Started
Clean Up Siteid: 9641
Facility ID: 54459981
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

ON THE WATER LLC ***2502 S C ST*** ***WSW 1/2 - 1 (0.626 mi.)*** ***202*** ***1202***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12178
Facility ID: 19069

Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

WASHINGTON STATE HIS	***1911 PACIFIC AVE***	***WNW 1/2 - 1 (0.627 mi.)***	***AU203***	***1206***

Site Status: Awaiting Cleanup
Clean Up Siteid: 3332
Facility ID: 4553045
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

WSDOT SR 705 ON RAMP		***SW 1/2 - 1 (0.627 mi.)***	***204***	***1207***

Site Status: Cleanup Started
Clean Up Siteid: 14642
Facility ID: 27197
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Lead

25TH & HOLGATE S TAC	***25TH & HOLGATE S***	***WSW 1/2 - 1 (0.642 mi.)***	***205***	***1207***

Site Status: Cleanup Started
Clean Up Siteid: 1763
Facility ID: 16358
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

COLUMBIA ENERGY RESO	***2120 S C ST***	***W 1/2 - 1 (0.655 mi.)***	***206***	***1209***

Site Status: Cleanup Started
Clean Up Siteid: 11837
Facility ID: 43392187
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SHAUB ELLISON CO TAC	***1902 PACIFIC AVE***	***WNW 1/2 - 1 (0.662 mi.)***	***208***	***1216***

Site Status: Cleanup Started
Clean Up Siteid: 7568
Facility ID: 4283388
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

UNIVERSITY OF WASHIN	***1904 COMMERCE ST***	***WNW 1/2 - 1 (0.669 mi.)***	***AV209***	***1220***

Site Status: Cleanup Started
Clean Up Siteid: 7788
Facility ID: 8411422
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

R & R INVESTMENT	***1920 C ST S***	***WNW 1/2 - 1 (0.687 mi.)***	***211***	***1223***

Site Status: Cleanup Started
Clean Up Siteid: 9505
Facility ID: 51567736
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

BNSF S HOOD ST RENTA	***S HOOD ST***	***WSW 1/2 - 1 (0.693 mi.)***	***214***	***1381***

Site Status: Awaiting Cleanup
Clean Up Siteid: 51
Facility ID: 969
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

WA UW TACOMA BRANCH ***1900 COMMERCE*** ***WNW 1/2 - 1 (0.700 mi.)*** ***216*** ***1384***
Site Status: Cleanup Started
Clean Up Siteid: 141
Facility ID: 1325
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified

TACOMA UNION STA ***1717 PACIFIC AVE*** ***WNW 1/2 - 1 (0.705 mi.)*** ***220*** ***1425***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13045
Facility ID: 71886388
Soil: Suspected
Contaminant Name: Petroleum-Other

CAMARANO BROTHERS ***2340 JEFFERSON AVE*** ***W 1/2 - 1 (0.716 mi.)*** ***221*** ***1430***
Site Status: Cleanup Started
Clean Up Siteid: 8023
Facility ID: 14192885
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

UNION PACIFIC RR TUN ***JEFFERSON & 25TH & C*** ***WSW 1/2 - 1 (0.717 mi.)*** ***222*** ***1435***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3259
Facility ID: 1292
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

TACOMA CHRISTIAN CEN ***3523 MCKINLEY AVE*** ***SSE 1/2 - 1 (0.786 mi.)*** ***226*** ***1504***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13145
Facility ID: 24192
Soil: Suspected
Contaminant Name: Petroleum-Other

PRAIRIE LINE TRAIL ***1547 PACIFIC AVE*** ***NW 1/2 - 1 (0.801 mi.)*** ***228*** ***1512***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14666
Facility ID: 82265
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Contaminant Name: Halogenated Solvents

Contaminant Name: Lead
Contaminant Name: Other Halogenated Organics
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

PACIFIC QUICKSTOP ***1548 PACIFIC AVE*** ***NW 1/2 - 1 (0.803 mi.)*** ***229*** ***1514***
Site Status: Cleanup Started
Clean Up Siteid: 6609
Facility ID: 74455879
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

ROMAN MEAL COMPANY ***2101 SO TACOMA WAY P*** ***W 1/2 - 1 (0.845 mi.)*** ***232*** ***1524***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14707
Facility ID: 9985951
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

NEWMAN RECYCLING ***409 E MORTON ST*** ***S 1/2 - 1 (0.849 mi.)*** ***233*** ***1527***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4620
Facility ID: 69871828
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

TACOMA CITY CONVENTI ***1500 BROADWAY*** ***NW 1/2 - 1 (0.873 mi.)*** ***234*** ***1538***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4023
Facility ID: 8168704
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

35TH ST LANDFILL CIT ***S 35TH ST & PACIFIC*** ***SSW 1/2 - 1 (0.915 mi.)*** ***235*** ***1540***
Site Status: Cleanup Started
Clean Up Siteid: 341
Facility ID: 5774537
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

USPS DOWNTOWN TACOMA ***S 14TH ST & COURT A*** ***NW 1/2 - 1 (0.918 mi.)*** ***236*** ***1542***

Site Status: Awaiting Cleanup
Clean Up Siteid: 4741
Facility ID: 99997000
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SAUROS CLEANERAMA TA ***1401 S PACIFIC AVE*** ***NW 1/2 - 1 (0.921 mi.)*** ***237*** ***1544***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3310
Facility ID: 4339824
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Halogenated Solvents
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents

1502 MARKET ST TACOM ***1502 MARKET ST*** ***NW 1/2 - 1 (0.950 mi.)*** ***238*** ***1580***
Site Status: Cleanup Started
Clean Up Siteid: 6561
Facility ID: 72222742
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

KAHNE & KAHNE PROPER ***2117 YAKIMA AVE*** ***W 1/2 - 1 (0.971 mi.)*** ***241*** ***1603***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14550
Facility ID: 54136
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Lead
Contaminant Name: Metals - Other

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA TRESTLE TRACK	***824 E 25TH STREET***	***E 1/8 - 1/4 (0.128 mi.)***	***35***	***165***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14992
Facility ID: 8199
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

MENDEZ PROPERTY ***910 PUYALLUP AVE*** ***ENE 1/8 - 1/4 (0.132 mi.)*** ***I37*** ***169***
Site Status: Cleanup Started
Clean Up Siteid: 6355
Facility ID: 59632952
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

Contaminant Name: Petroleum-Gasoline

SMURFIT STONE CONTAI ***817 E 27TH ST*** ***SSE 1/8 - 1/4 (0.167 mi.)*** ***L45*** ***197***

Site Status: Cleanup Started
Clean Up Siteid: 4529
Facility ID: 17167958
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

SOUND TRANSIT TACOMA ***XXX E 25TH ST*** ***E 1/8 - 1/4 (0.168 mi.)*** ***47*** ***198***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14417
Facility ID: 608568
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NW 1/4 - 1/2 (0.278 mi.)*** ***Q77*** ***295***

Site Status: Awaiting Cleanup
Site Status: Cleanup Started
Clean Up Siteid: 4081
Clean Up Siteid: 4323
Facility ID: 94957214
Facility ID: 81267111
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Contaminant Name: Base/Neutral/Acid Organics

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NW 1/4 - 1/2 (0.278 mi.)*** ***Q78*** ***298***

Site Status: Cleanup Started
Clean Up Siteid: 3554
Facility ID: 1267
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NW 1/4 - 1/2 (0.278 mi.)*** ***Q79*** ***300***

Site Status: Awaiting Cleanup
Clean Up Siteid: 458
Facility ID: 3466912
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

BNRR TACOMA YARD PAR ***21ST & S D ST*** ***NW 1/4 - 1/2 (0.322 mi.)*** ***96*** ***427***

Site Status: Cleanup Started
Clean Up Siteid: 579
Facility ID: 91663719
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

TACOMA TRANSLOAD INC ***501 E 19TH ST*** ***N 1/4 - 1/2 (0.398 mi.)*** ***AE131*** ***611***

Site Status: Cleanup Started
Clean Up Siteid: 1981
Facility ID: 25392634
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified

TRUCK RAIL HANDLING ***457 E 18TH ST*** ***N 1/4 - 1/2 (0.445 mi.)*** ***AM157*** ***784***

Site Status: Awaiting Cleanup
Clean Up Siteid: 11416
Facility ID: 63316697
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

TACOMA REDEVELOPMENT ***THEA FOSS WATERWAY*** ***WNW 1/2 - 1 (0.502 mi.)*** ***183*** ***1054***

Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3677
Facility ID: 1263
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Asbestos
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Conventional Contaminants, Inorganic
Contaminant Name: Conventional Contaminants, Organic
Contaminant Name: Corrosive Wastes
**Additional key fields are available in the Map Findings section*
Surface Water: Confirmed Above Cleanup Levels
Surface Water: Remediated

BNSF D ST PIPELINE ***18TH & D ST*** ***NW 1/2 - 1 (0.535 mi.)*** ***190*** ***1109***

Site Status: CC-Perf. Monitoring
Clean Up Siteid: 1350
Facility ID: 2923141
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

AMERICAN PETROLEUM E ***2117 E RIVER ST*** ***ENE 1/2 - 1 (0.558 mi.)*** ***192*** ***1113***

Site Status: Cleanup Started
Clean Up Siteid: 12931
Facility ID: 13278
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

PSE TACOMA HISTORICA ***2200 E RIVER ST*** ***NE 1/2 - 1 (0.566 mi.)*** ***193*** ***1133***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3553
Facility ID: 1252
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Suspected

SUPERVALU NORTHWEST ***1525 E D ST*** ***NNW 1/2 - 1 (0.568 mi.)*** ***194*** ***1157***
Site Status: Cleanup Started
Clean Up Siteid: 9315
Facility ID: 46295623
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Diesel

CHEVRON BULK PLANT U ***1656 E J ST*** ***N 1/2 - 1 (0.572 mi.)*** ***195*** ***1164***
Site Status: Cleanup Started
Clean Up Siteid: 3762
Facility ID: 1234
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*
Surface Water: Suspected

TACOMA TAR PITS ***PORTLAND AV & RIVER*** ***NE 1/2 - 1 (0.657 mi.)*** ***207*** ***1212***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 622
Facility ID: 221
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Polychlorinated biPhenyls (PCB)
Contaminant Name: Polycyclic Aromatic Hydrocarbons

UNION PACIFIC RAILRO ***2300 CLEVELAND WAY*** ***ENE 1/2 - 1 (0.671 mi.)*** ***210*** ***1221***

Site Status: Awaiting Cleanup
Clean Up Siteid: 14535
Facility ID: 67690
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel

RAINIER RICHLITE CO ***624 E 15TH ST*** ***N 1/2 - 1 (0.691 mi.)*** ***213*** ***1280***
Site Status: Cleanup Started
Clean Up Siteid: 10604
Facility ID: 81457934
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

SUNNEN CRANE CO INC ***2323 E Q ST*** ***E 1/2 - 1 (0.698 mi.)*** ***215*** ***1382***
Site Status: Cleanup Started
Clean Up Siteid: 9894
Facility ID: 61656248
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

RENTAL SERVICE CORPO ***2302 E Q ST*** ***E 1/2 - 1 (0.703 mi.)*** ***217*** ***1386***
Site Status: Cleanup Started
Clean Up Siteid: 4264
Facility ID: 26536148
Soil: Remediated-Below
Ground Water: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other
Surface Water: Suspected

TACOMA CENTRAL NO 1 ***2201 E PORTLAND AVE*** ***NE 1/2 - 1 (0.703 mi.)*** ***218*** ***1420***
Site Status: Cleanup Started
Clean Up Siteid: 6868
Facility ID: 92562654
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum-Diesel

SEATTLE TRANSFER ***1701 BAY ST*** ***E 1/2 - 1 (0.705 mi.)*** ***219*** ***1423***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3252
Facility ID: 1228
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

TACOMA METALS SITE ***1919 PORTLAND AVE*** ***NNE 1/2 - 1 (0.734 mi.)*** ***223*** ***1437***
Site Status: Cleanup Started
Clean Up Siteid: 3910

Facility ID: 1257
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polychlorinated biPhenyls (PCB)
**Additional key fields are available in the Map Findings section*
Surface Water: Suspected
Surface Water: Below Cleanup Levels

J M MARTINAC SHIPBUI	***401 E 15TH ST***	***NNW 1/2 - 1 (0.737 mi.)***	***224***	***1453***

Site Status: Cleanup Started
Clean Up Siteid: 144
Facility ID: 1375

CLEANER PRESSURE WAS	***1820 E PORTLAND AVE***	***NNE 1/2 - 1 (0.742 mi.)***	***225***	***1502***

Site Status: Awaiting Cleanup
Clean Up Siteid: 13170
Facility ID: 23110
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

DOCK STREET	***1501 E DOCK ST***	***NW 1/2 - 1 (0.795 mi.)***	***227***	***1510***

Site Status: Cleanup Started
Clean Up Siteid: 7940
Facility ID: 12454784
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

BNSF RAILROAD ROW MP	***38.5 MILEPOST***	***E 1/2 - 1 (0.805 mi.)***	***230***	***1521***

Site Status: Awaiting Cleanup
Clean Up Siteid: 11779
Facility ID: 16491
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other
Surface Water: Suspected

UNION PACIFIC RAILRO	***1228 ST PAUL AVE***	***N 1/2 - 1 (0.814 mi.)***	***231***	***1522***

Site Status: Cleanup Started
Clean Up Siteid: 14661
Facility ID: 53785
Soil: Suspected
Contaminant Name: Lead
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

PETRICH MARINE DOCK	***1118 TO 1120 E D ST***	***NNW 1/2 - 1 (0.953 mi.)***	***239***	***1584***

Site Status: Cleanup Started
Clean Up Siteid: 3980
Facility ID: 414876
Soil: Remediated-Below
Ground Water: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Halogenated Organics
Contaminant Name: Lead
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
**Additional key fields are available in the Map Findings section*

FLOWSERVE CORPORATIO ***2007 STEWART ST*** ***NE 1/2 - 1 (0.961 mi.)*** ***240*** ***1588***
Site Status: Cleanup Started
Clean Up Siteid: 2637
Facility ID: 8481432
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

PIERCE COUNTY TAX TI ***1621 E PORTLAND AVE*** ***NNE 1/2 - 1 (0.977 mi.)*** ***242*** ***1604***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12590
Facility ID: 2930
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Other
Contaminant Name: Polychlorinated biPhenyls (PCB)
Contaminant Name: Polycyclic Aromatic Hydrocarbons

MIDDLE WATERWAY STEE ***E F ST & 11TH ST*** ***NNW 1/2 - 1 (0.983 mi.)*** ***243*** ***1606***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3519
Facility ID: 55212794
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Polycyclic Aromatic Hydrocarbons

LYDEN CASTPARTS INC ***652 E 11TH ST*** ***N 1/2 - 1 (0.995 mi.)*** ***244*** ***1607***
Site Status: Cleanup Started
Clean Up Siteid: 10335
Facility ID: 73627378
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

State and tribal landfill and/or solid waste disposal site lists

WA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the WA SWF/LF list, as provided by EDR, has revealed that there are 4 WA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF TACOMA - DOC	201 PUYALLUP AVE	W 1/4 - 1/2 (0.366 mi.)	X111	461
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Pile Used for Storage or Treatment Permit No: 27-725 Facility ID: 1112 Permit Status: Permitted				
LILYBLAD PETROLEUM I	***1313 E 25TH ST***	***E 1/4 - 1/2 (0.457 mi.)***	***AL163***	***871***
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Recycling (non-regulated) Facility ID: 2157 Permit Status: Recycle Survey				
SPRING BACK MATTRESS	***2301 DOCK STREET***	***W 1/4 - 1/2 (0.468 mi.)***	***170***	***920***
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Material Recovery Facility (exempt) Facility ID: 2732 Permit Status: Exempt				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARAUSTAR	***808 E 26TH ST***	***SE 0 - 1/8 (0.124 mi.)***	***H33***	***139***
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Recycling (non-regulated) Facility ID: 3313 Permit Status: Exempt				

State and tribal leaking storage tank lists

WA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the WA LUST list, as provided by EDR, has revealed that there are 15 WA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANNA PRO CORP	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.170 mi.)***	***M48***	***202***
Database: LUST, Date of Government Version: 05/12/2020 Release Date: 01/14/1992 LUST Date: 01/05/2001 Facility Status: LUST - NFA				

Ground Water: Remediated-Below
Cleanup Site ID: 9332
Soil: Remediated-Below
Facility ID: 46689617

CLEVINGER TRUCK SERV ***423 PUYALLUP AVE*** ***W 1/8 - 1/4 (0.208 mi.)*** ***N59*** ***229***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 03/01/2007
LUST Date: 12/17/2007
Facility Status: LUST - Cleanup Started
Ground Water: Suspected
Cleanup Site ID: 5316
Soil: Confirmed Above Cleanup Levels
Facility ID: 3291385

PACIFIC CHARTER SCHO ***2300 EAST E ST*** ***WNW 1/8 - 1/4 (0.209 mi.)*** ***N61*** ***238***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 10/22/2015
LUST Date: 05/20/2019
Facility Status: LUST - NFA
Cleanup Site ID: 14981
Soil: Remediated-Below
Facility ID: 1893

GONZALES MOTORS ***301 PUYALLUP AVE*** ***W 1/4 - 1/2 (0.315 mi.)*** ***R95*** ***422***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 10/02/1996
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Cleanup Site ID: 11037
Soil: Below Cleanup Levels
Soil: Remediated-Below
Facility ID: 91599266

PUYALLUP AVE GAS STA ***1201-1203 PUYALLUP A*** ***ENE 1/4 - 1/2 (0.369 mi.)*** ***Z113*** ***468***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/03/2013
LUST Date: 06/03/2013
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 12039
Soil: Confirmed Above Cleanup Levels
Facility ID: 8374

AIRSPARES ***2617 L ST E*** ***E 1/4 - 1/2 (0.384 mi.)*** ***AB120*** ***531***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/04/1998
LUST Date: 04/19/2008
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Cleanup Site ID: 5946
Soil: Remediated-Above
Facility ID: 36399481

DEPT OF PUBLIC ASSEM ***2727 E D ST*** ***SSW 1/4 - 1/2 (0.388 mi.)*** ***AD126*** ***547***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/18/2000
LUST Date: 05/24/2000
Facility Status: LUST - NFA

Cleanup Site ID: 6940
Soil: Confirmed Above Cleanup Levels
Facility ID: 96231256

MAJOR PETROLEUM B.P. ***1302 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.420 mi.)*** ***AH142*** ***744***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/24/1989
LUST Date: 12/17/2007
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6385
Soil: Confirmed Above Cleanup Levels
Facility ID: 61931157

TAFT & COMPANY 1239 ***1239 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.423 mi.)*** ***AI145*** ***753***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 08/18/2000
LUST Date: 10/10/2000
Facility Status: LUST - NFA
Cleanup Site ID: 5932
Soil: Confirmed Above Cleanup Levels
Facility ID: 35539812

HOLLAND QUALITY CLEA ***102 S 24TH ST*** ***W 1/4 - 1/2 (0.487 mi.)*** ***AQ176*** ***984***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/05/1998
LUST Date: 08/25/2014
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 10614
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Facility ID: 81634828

Lower Elevation	Address	Direction / Distance	Map ID	Page

WESTERN BEER DISTRIB ***712 EAST 26TH*** ***S 0 - 1/8 (0.102 mi.)*** ***26*** ***68***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/25/1992
LUST Date: 10/15/1996
Facility Status: LUST - NFA
Cleanup Site ID: 6346
Soil: Remediated
Soil: Confirmed Above Cleanup Levels
Facility ID: 58813229

MENDEZ PROPERTY ***910 PUYALLUP AVE*** ***ENE 1/8 - 1/4 (0.132 mi.)*** ***I37*** ***169***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 02/06/1998
LUST Date: 05/21/2003
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6355
Soil: Confirmed Above Cleanup Levels
Facility ID: 59632952

NICHOLS TRUCKING CO ***424 E 19TH ST*** ***NNW 1/4 - 1/2 (0.407 mi.)*** ***AF135*** ***614***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 11/12/2001

LUST Date: 08/29/2012
Facility Status: LUST - NFA
Cleanup Site ID: 7877
Soil: Remediated-Below
Soil: Below Cleanup Levels
Facility ID: 11174741

TAFT & COMPANY	***1247 PUYALLUP AVENUE***	***ENE 1/4 - 1/2 (0.455 mi.)***	***AN161***	***867***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 11/19/1992
LUST Date: 10/10/2000
Facility Status: LUST - NFA
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6536
Soil: Confirmed Above Cleanup Levels
Facility ID: 70168999

SUPERVALU HOLDINGS I	***448 E 18TH ST***	***NNW 1/4 - 1/2 (0.467 mi.)***	***AO168***	***908***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 03/14/1991
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Ground Water: Remediated-Below
Cleanup Site ID: 10098
Soil: Remediated-Below
Soil: Below Cleanup Levels
Facility ID: 66615685

State and tribal registered storage tank lists

WA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the WA UST list, as provided by EDR, and dated 05/12/2020 has revealed that there are 10 WA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DON ENGLE DISTRIBUTI	***2601 E F ST***	***SSW 1/8 - 1/4 (0.144 mi.)***	***39***	***176***

Facility ID: 75382517
Tank Status: Removed
Site Id: 9917

MANNA PRO CORP	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.170 mi.)***	***M48***	***202***

Facility ID: 46689617
Tank Status: Closure in Process
Site Id: 1672

DISCOVERY	***502 PUYALLUP AVE***	***W 1/8 - 1/4 (0.181 mi.)***	***M53***	***217***

Facility ID: 31649744
Tank Status: Closure in Process
Site Id: 502627

CLEVINGER TRUCK SERV	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.208 mi.)***	***N59***	***229***

Facility ID: 3291385

Tank Status: Removed Tank Closure Date: 07/29/2008 Tank Closure Date: 01/01/1990 Site Id: 4874				
PACIFIC CHARTER SCHO Facility ID: 1893 Tank Status: Removed Tank Closure Date: 10/28/2015 Site Id: 620249	2300 EAST E ST	WNW 1/8 - 1/4 (0.209 mi.)	N60	237
F & E INVESTMENTS Facility ID: 99973128 Tank Status: Removed Tank Closure Date: 02/07/2020 Site Id: 8296	***401 EA 25 ST***	***W 1/8 - 1/4 (0.235 mi.)***	***63***	***240***
SALVATION ARMY ARC Facility ID: 12432118 Tank Status: Removed Tank Closure Date: 03/16/2015 Site Id: 620192	409 PUYALLUP AVE	W 1/8 - 1/4 (0.238 mi.)	O67	273

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERIOR CARTAGE OF Facility ID: 4291751 Tank Status: Removed Site Id: 4666	805 PUYALLUP AVE	NE 0 - 1/8 (0.088 mi.)	E22	62
WESTERN BEER DISTRIB Facility ID: 58813229 Tank Status: Removed Site Id: 2584	***712 EAST 26TH***	***S 0 - 1/8 (0.102 mi.)***	***26***	***68***
MENDEZ PROPERTY Facility ID: 59632952 Tank Status: Removed Site Id: 502682	***910 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.132 mi.)***	***I37***	***169***

State and tribal institutional control / engineering control registries

WA INST CONTROL: Sites that have institutional controls.

A review of the WA INST CONTROL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 5 WA INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE Facility Site ID: 1351 CS ID: 719	***25TH & G ST E***	***SW 0 - 1/8 (0.051 mi.)***	***16***	***37***
AIRSPARES Facility Site ID: 36399481 CS ID: 5946	***2617 L ST E***	***E 1/4 - 1/2 (0.384 mi.)***	***AB120***	***531***
STANDARD CHEMICAL CO	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.465 mi.)***	***166***	***884***

Facility Site ID: 85776142
CS ID: 4375

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING Facility Site ID: 1202 CS ID: 2539	***2110 E D ST***	***WNW 1/4 - 1/2 (0.312 mi.)***	***U92***	***348***
PICKS COVE MARINA Facility Site ID: 42518833 CS ID: 4654	***1940 E D ST***	***NW 1/4 - 1/2 (0.395 mi.)***	***AA128***	***592***

State and tribal voluntary cleanup sites

WA VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the WA VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there are 17 WA VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER TEXACO SERVIC VCP: TRUE Facility ID: 78349 VCP: TRUE Cleanup Siteid: 14432	704 PUYALLUP AVE	NW 0 - 1/8 (0.038 mi.)	B14	35
INDUSTRIAL TIRE SERV Facility ID: 3291385 Cleanup Siteid: 5316	423 PUYALLUP AVE	W 1/8 - 1/4 (0.208 mi.)	N58	227
WP FULLER PROPERTY Date NFA: 2013-09-05 VCP: NFA Facility ID: 16761 Date NFA: 2013-09-05 VCP: NFA Cleanup Siteid: 12038	1109 PUYALLUP AVE	ENE 1/4 - 1/2 (0.301 mi.)	S85	328
DRESSEL PROPERTY Date NFA: 2017-07-26 VCP: NFA Facility ID: 22853 Date NFA: 2017-07-26 VCP: NFA Cleanup Siteid: 11844	306 308 314 E 26TH S	WSW 1/4 - 1/2 (0.306 mi.)	T88	335
STONE PROPERTY TRANS Facility ID: 3782573 Cleanup Siteid: 401	E 25TH & E C ST	WSW 1/4 - 1/2 (0.324 mi.)	V98	431
PUYALLUP AVE GAS STA VCP: TRUE Facility ID: 8374 VCP: TRUE	1201-1203 PUYALLUP A	ENE 1/4 - 1/2 (0.369 mi.)	Z114	475

Cleanup Siteid: 12039				
AIR SPARES INC Date NFA: 2008-09-19 VCP: NFA Facility ID: 36399481 Date NFA: 2008-09-19 VCP: NFA Cleanup Siteid: 5946	2617 E L ST	E 1/4 - 1/2 (0.384 mi.)	AB121	535
DEPT OF PUBLIC ASSEM Date NFA: 2000-05-24 VCP: NFA Facility ID: 96231256 Date NFA: 2000-05-24 VCP: NFA Cleanup Siteid: 6940	2727 E D ST	SSW 1/4 - 1/2 (0.388 mi.)	AD124	545
UNOCAL 76 MAJOR PETR Facility ID: 61931157 Cleanup Siteid: 6385	1302 PUYALLUP AVE	ENE 1/4 - 1/2 (0.420 mi.)	AH141	744
TAFT & COMPANY 1239 Date NFA: 2000-10-10 VCP: NFA Facility ID: 35539812 Date NFA: 2000-10-10 VCP: NFA Cleanup Siteid: 5932	1239 PUYALLUP AVE	ENE 1/4 - 1/2 (0.423 mi.)	AI144	752
MCMACKEN PROPERTY SO Facility ID: 7912006 Cleanup Siteid: 1107	115 S 26TH ST	WSW 1/4 - 1/2 (0.485 mi.)	AP174	967

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRECISION PATTERN IN Date NFA: 2009-03-04 VCP: NFA Facility ID: 85239825 Date NFA: 2009-03-04 VCP: NFA Cleanup Siteid: 4080	2620 E G ST	S 0 - 1/8 (0.114 mi.)	G28	74
MENDEZ PROPERTY Facility ID: 59632952 Cleanup Siteid: 6355	910 PUYALLUP AVE	ENE 1/8 - 1/4 (0.132 mi.)	I36	169
SMURFIT STONE CONTAI Facility ID: 17167958 Cleanup Siteid: 4529	817 E 27TH ST	SSE 1/8 - 1/4 (0.167 mi.)	L46	198
PICKS COVE MARINA Date NFA: 2004-10-09 VCP: NFA Facility ID: 42518833 Date NFA: 2004-10-09 VCP: NFA Cleanup Siteid: 4654	1940 E D ST	NW 1/4 - 1/2 (0.395 mi.)	AA129	609
TACOMA TRANSLOAD INC	501 E 19TH ST	N 1/4 - 1/2 (0.398 mi.)	AE130	610

Facility ID: 25392634 Cleanup Siteid: 1981				
TAFT & COMPANY Date NFA: 2000-10-10 VCP: NFA Facility ID: 70168999 Date NFA: 2000-10-10 VCP: NFA Cleanup Siteid: 6536	1247 PUYALLUP AVE	ENE 1/4 - 1/2 (0.455 mi.)	AN159	866

WA ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 10 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANNA PRO CORP Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 09/23/92 Date Ecology Received Report: 01/18/94 Media Contaminated: GW,S	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.170 mi.)***	***M48***	***202***
GONZALES MOTORS Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 03/17/97 Date Ecology Received Report: 12/04/96 Media Contaminated: S	***301 PUYALLUP AVE***	***W 1/4 - 1/2 (0.315 mi.)***	***R95***	***422***
TACOMA CITY OF TACOM Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 01/18/00 Media Contaminated: S	***2727 E D ST***	***SSW 1/4 - 1/2 (0.388 mi.)***	***AD125***	***545***
TAFT & COMPANY Contaminants Found at Site: 6 Type of Report Ecology Received: F Type of Report Ecology Received: I Date Ecology Received Report: 08/18/00 Date Ecology Received Report: 04/18/01 Date Ecology Received Report: 09/28/00 Media Contaminated: S	1239 PUYALLUP AVE.	ENE 1/4 - 1/2 (0.423 mi.)	AI143	752
ACTION BUSINESS FURN Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 07/15/98 Media Contaminated: S	***102 S 24TH ST***	***W 1/4 - 1/2 (0.487 mi.)***	***AQ177***	***994***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MENDEZ PROPERTY	***910 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.132 mi.)***	***I37***	***169***

Contaminants Found at Site: 6 Type of Report Ecology Received: I Type of Report Ecology Received: F Date Ecology Received Report: 02/06/98 Date Ecology Received Report: 09/27/00 Media Contaminated: S				
PICKERING INDUSTRIES Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 01/23/95 Media Contaminated: S	***2102 E D ST***	***WNW 1/4 - 1/2 (0.313 mi.)***	***U94***	***415***
NICHOLS TRUCKING CO Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 06/17/02 Date Ecology Received Report: 07/26/02 Media Contaminated: S	***424 E 19TH ST***	***NNW 1/4 - 1/2 (0.407 mi.)***	***AF136***	***620***
WASHINGTON TEXTILE C Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 12/02/93 Date Ecology Received Report: 08/18/00 Media Contaminated: GW,S	1247 PUYALLUP AVE.	ENE 1/4 - 1/2 (0.455 mi.)	AN160	867
WEST COAST FRUIT & P Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 07/23/92 Media Contaminated: GW,S	448 E. 18TH ST.	NNW 1/4 - 1/2 (0.467 mi.)	AO169	920

WA PTAP: A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

A review of the WA PTAP list, as provided by EDR, and dated 05/12/2020 has revealed that there is 1 WA PTAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAJOR PETROLEUM B.P.	***1302 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.420 mi.)***	***AH142***	***744***

State and tribal Brownfields sites

WA BROWNFIELDS: A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the WA BROWNFIELDS list, as provided by EDR, and dated 07/13/2020 has revealed that there

is 1 WA BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING Facilty ID: 1202 Facility Status: NFA	***2110 E D ST***	***WNW 1/4 - 1/2 (0.312 mi.)***	***U92***	***348***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/01/2020 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRLF-06: AMERICAN PL ACRES property ID: 14353 Cleanup Completion Date: - Cleanup Completion Date: 11/30/2011	***2130 EAST D STREET***	***WNW 1/4 - 1/2 (0.311 mi.)***	***U91***	***337***

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY: A llisting of recycling center locations.

A review of the WA SWRCY list, as provided by EDR, and dated 04/30/2020 has revealed that there are 2 WA SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NW FURNITURE BANK	117 PUYALLUP AVE TAC	W 1/4 - 1/2 (0.406 mi.)	134	614
SPRING BACK MATTRESS	***2301 DOCK STREET***	***W 1/4 - 1/2 (0.468 mi.)***	***170***	***920***

Local Lists of Hazardous waste / Contaminated Sites

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 129 WA ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUGET SOUND SPECIALT Facility Id: 23657	***706 E 25TH ST***	***S 0 - 1/8 (0.036 mi.)***	***12***	***21***
FORMER TEXACO SERVIC	***704 PUYALLUP AVE***	***NW 0 - 1/8 (0.038 mi.)***	***B13***	***33***

Facility Id: 78349				
FREIGHTHOUSE SQUARE Facility Id: 1351	***25TH & G ST E***	***SW 0 - 1/8 (0.051 mi.)***	***16***	***37***
PIERCE TRANSIT TACOM Facility Id: 25441163	***609 E 25TH ST***	***WSW 0 - 1/8 (0.084 mi.)***	***D20***	***53***
FREIGHTHOUSE SQUARE, Facility Id: 206719	***602 E 25TH ST***	***WSW 0 - 1/8 (0.085 mi.)***	***D21***	***60***
BNRR TACOMA YARD PON Facility Id: 1373	***605 PUYALLUP ST***	***WNW 0 - 1/8 (0.090 mi.)***	***F24***	***64***
HJB MARINE Facility Id: 3081	601 E 26TH ST	SW 0 - 1/8 (0.119 mi.)	31	139
DON ENGLE DISTRIBUTI Facility Id: 75382517	***2601 E F ST***	***SSW 1/8 - 1/4 (0.144 mi.)***	***39***	***176***
JOHNSON STONE COUNTE Facility Id: 11685	523 PUYALLUP AVE	WNW 1/8 - 1/4 (0.147 mi.)	J40	177
SOUTH SOUND RADIATOR Facility Id: 8785404	***509 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.157 mi.)***	***J41***	***177***
MANNA PRO CORP Facility Id: 46689617	***518 PUYALLUP AVE***	***W 1/8 - 1/4 (0.170 mi.)***	***M48***	***202***
ALL TRANSMISSIONS PI Facility Id: 71491862	***505 PUYALLUP AVE***	***W 1/8 - 1/4 (0.175 mi.)***	***M49***	***205***
BNSF TACOMA FUELING Facility Id: 7981609	***1001 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.176 mi.)***	***50***	***210***
GOLDEN WEST MOTEL Facility Id: 62113225	***503 E 26TH***	***WSW 1/8 - 1/4 (0.177 mi.)***	***51***	***212***
LEGACY RENOVATIONS Facility Id: 20621	511 PUYALLUP AVE	W 1/8 - 1/4 (0.178 mi.)	M52	217
DISCOVERY Facility Id: 31649744	***502 PUYALLUP AVE***	***W 1/8 - 1/4 (0.181 mi.)***	***M53***	***217***
TACOMA DOME STATION Facility Id: 1266	***500 PUYALLUP AVE***	***W 1/8 - 1/4 (0.183 mi.)***	***M54***	***218***
AIRSPARES Facility Id: 39438729	***415 E 25TH ST***	***WSW 1/8 - 1/4 (0.205 mi.)***	***57***	***220***
CLEVINGER TRUCK SERV Facility Id: 3291385	***423 PUYALLUP AVE***	***W 1/8 - 1/4 (0.208 mi.)***	***N59***	***229***
PACIFIC CHARTER SCHO Facility Id: 1893	***2300 EAST E ST***	***WNW 1/8 - 1/4 (0.209 mi.)***	***N61***	***238***
BULLS EYE SUPPLY Facility Id: 19339 Facility Id: 11329	414 PUYALLUP AVE	W 1/8 - 1/4 (0.218 mi.)	62	240
F & E INVESTMENTS Facility Id: 99973128	***401 EA 25 ST***	***W 1/8 - 1/4 (0.235 mi.)***	***63***	***240***
INDUSTRIAL PARTS FRI Facility Id: 99982525	***409 E 26TH ST***	***WSW 1/8 - 1/4 (0.236 mi.)***	***64***	***241***
SALVATION ARMY ARC Facility Id: 12432118	409 PUYALLUP AVE	W 1/8 - 1/4 (0.238 mi.)	O66	273
ALFREDS CAFE	402 PUYALLUP AVE	W 1/8 - 1/4 (0.241 mi.)	68	274

Facility Id: 15568				
ATLAS TRUCKING INC S Facility Id: 32438185	***PUYALLUP AVE & D ST***	***W 1/4 - 1/2 (0.256 mi.)***	***69***	***274***
INDUSTRIAL RUBBER & Facility Id: 7529359	***2307 E D ST***	***WNW 1/4 - 1/2 (0.256 mi.)***	***70***	***280***
MYSTIC MOCHA Facility Id: 19140	402 E 26TH ST	WSW 1/4 - 1/2 (0.257 mi.)	71	292
ECOTEX COMPANY Facility Id: 32841	***1115 E 25TH ST***	***E 1/4 - 1/2 (0.269 mi.)***	***72***	***293***
CASCADE FRICTION MAT Facility Id: 7003	314 PUYALLUP AVE	W 1/4 - 1/2 (0.270 mi.)	73	294
JOHNNYS FINE FOOD Facility Id: 10734	319 E 25TH ST	W 1/4 - 1/2 (0.273 mi.)	74	294
MELODY MEATS Facility Id: 14281979 Facility Id: 24527	323 E 26TH ST	WSW 1/4 - 1/2 (0.276 mi.)	P76	295
SME SOLUTIONS Facility Id: 3722	313 E 26TH ST	WSW 1/4 - 1/2 (0.290 mi.)	P80	301
SME CORP Facility Id: 82577212	***311 E 26TH ST***	***WSW 1/4 - 1/2 (0.292 mi.)***	***P81***	***301***
DAIRY QUEEN Facility Id: 14648	1112 PUYALLUP AVE	ENE 1/4 - 1/2 (0.299 mi.)	82	327
TACOMA BIKE Facility Id: 21699	309 PUYALLUP AVE	W 1/4 - 1/2 (0.301 mi.)	R83	327
WP FULLER PROPERTY Facility Id: 16761	***1109 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.301 mi.)***	***S84***	***327***
EDGE TECHNOLOGIES Facility Id: 21372	314 E 26TH ST	WSW 1/4 - 1/2 (0.306 mi.)	T86	328
TOD DRESSEL PRIVATE Facility Id: 22853	***306 308 314 E 26TH S***	***WSW 1/4 - 1/2 (0.306 mi.)***	***T87***	***328***
REP ELELCTRIC INC Facility Id: 4793	1121 E 26TH ST	E 1/4 - 1/2 (0.310 mi.)	89	336
GONZALES MOTORS Facility Id: 91599266 Facility Id: 2285826	***301 PUYALLUP AVE***	***W 1/4 - 1/2 (0.315 mi.)***	***R95***	***422***
STONE PROPERTY TRANS Facility Id: 3782573	***E 25TH & E C ST***	***WSW 1/4 - 1/2 (0.324 mi.)***	***V97***	***429***
STAR TOURS Facility Id: 7722	224 PUYALLUP AVE	W 1/4 - 1/2 (0.338 mi.)	100	438
VALLEY PUB Facility Id: 13056	1206 PUYALLUP AVE	ENE 1/4 - 1/2 (0.340 mi.)	W101	439
EVERGREEN EQUIPMENT Facility Id: 4475	221 PUYALLUP AVE	W 1/4 - 1/2 (0.348 mi.)	X102	439
MCLEANS AUTO REPAIR Facility Id: 9218743	***221 1/2 PUYALLUP AVE***	***W 1/4 - 1/2 (0.348 mi.)***	***X103***	***439***
AEROSTAR ENGINEERING Facility Id: 58977511	***2619 E L ST***	***ESE 1/4 - 1/2 (0.350 mi.)***	***104***	***439***
GOLDEN LINE RECYCLIN	217 E 25TH ST	WSW 1/4 - 1/2 (0.352 mi.)	Y105	454

Facility Id: 610068				
FRONTIER TRANSPORTAT Facility Id: 27655611	***217 EAST 25TH ST***	***WSW 1/4 - 1/2 (0.352 mi.)***	***Y106***	***454***
AT&T WIRELESS TACOMA Facility Id: 1248033	***222 E 26TH ST***	***WSW 1/4 - 1/2 (0.357 mi.)***	***107***	***456***
MCKINLEY PARK Facility Id: 12317	***907 UPPER PARK ST***	***S 1/4 - 1/2 (0.357 mi.)***	***108***	***456***
ASSOCIATED PETROLEUM Facility Id: 4676	***1214 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.359 mi.)***	***W109***	***457***
STORAGE BOX THE Facility Id: 21558	216 PUYALLUP AVE	W 1/4 - 1/2 (0.361 mi.)	110	461
LD KITCHEN AND BATH Facility Id: 6138716 Facility Id: 950 Facility Id: 32560	***1201 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.369 mi.)***	***Z112***	***462***
PUYALLUP AVE GAS STA Facility Id: 8374	***1201-1203 PUYALLUP A***	***ENE 1/4 - 1/2 (0.369 mi.)***	***Z113***	***468***
L STREET LAYOVER EXP Facility Id: 3077		E 1/4 - 1/2 (0.378 mi.)	116	481
TACOMA CENTER MOTEL Facility Id: 6894	1220 PUYALLUP AVE	E 1/4 - 1/2 (0.379 mi.)	117	482
AIRSPARES Facility Id: 36399481	***2617 L ST E***	***E 1/4 - 1/2 (0.384 mi.)***	***AB120***	***531***
DEPT OF PUBLIC ASSEM Facility Id: 96231256 Facility Id: 19576	***2727 E D ST***	***SSW 1/4 - 1/2 (0.388 mi.)***	***AD126***	***547***
MAJOR PETROLEUM B.P. Facility Id: 61931157	***1302 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.420 mi.)***	***AH142***	***744***
TAFT & COMPANY 1239 Facility Id: 35539812	***1239 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.423 mi.)***	***AI145***	***753***
NORTH COAST ELECTRIC Facility Id: 15395	1301 E 26TH ST	E 1/4 - 1/2 (0.431 mi.)	AJ147	755
KIEWIT PACIFIC CO TA Facility Id: 95452652	***132 PUYALLUP AVE***	***W 1/4 - 1/2 (0.434 mi.)***	***AK148***	***755***
ALL COTE COATINGS IN Facility Id: 9531 Facility Id: 54832571	1311 E 25TH ST	E 1/4 - 1/2 (0.439 mi.)	AL149	762
HERITAGE ENTERPRISES Facility Id: 5478619	***1321 E 26TH ST***	***E 1/4 - 1/2 (0.439 mi.)***	***AJ150***	***762***
TACOMA MOVING & STOR Facility Id: 856	1314 E 26TH ST	E 1/4 - 1/2 (0.443 mi.)	151	763
ALMAR INC TACOMA Facility Id: 32972784	***119 1/2 PUYALLUP AVE***	***W 1/4 - 1/2 (0.445 mi.)***	***AK152***	***763***
BROWN & HALEY INC FA Facility Id: 66127836	***110 E 26TH ST***	***WSW 1/4 - 1/2 (0.448 mi.)***	***158***	***835***
PUGET SOUND TIRE Facility Id: 95895443	102 PUYALLUP RD	W 1/4 - 1/2 (0.456 mi.)	162	870

Facility Id: 23676				
LILYBLAD PETROLEUM I Facility Id: 82343515	***1313 E 25TH ST***	***E 1/4 - 1/2 (0.457 mi.)***	***AL163***	***871***
BETTE MCBRIER Facility Id: 64297321	***1320 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.458 mi.)***	***164***	***875***
STANDARD CHEMICAL CO Facility Id: 85776142	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.465 mi.)***	***166***	***884***
HOOD ST RESERVOIR Facility Id: 2788228	***3110 I ST S***	***SSE 1/4 - 1/2 (0.466 mi.)***	***167***	***888***
SOUND TRANSIT TACOMA Facility Id: 7912006	***115 S 26TH ST***	***WSW 1/4 - 1/2 (0.485 mi.)***	***AP175***	***968***
HOLLAND QUALITY CLEA Facility Id: 81634828	***102 S 24TH ST***	***W 1/4 - 1/2 (0.487 mi.)***	***AQ176***	***984***
PSE TACOMA Facility Id: 6899827	***2205 A ST***	***W 1/4 - 1/2 (0.494 mi.)***	***AR179***	***995***
TACOMA CITY SIGN SHO Facility Id: 86267137	***1423 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.495 mi.)***	***180***	***996***
POWDER COATING SYSTE Facility Id: 96432865	***109 S 25TH ST***	***W 1/4 - 1/2 (0.499 mi.)***	***AQ182***	***1042***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUND TRANSIT TACOMA Facility Id: 5117180	***802 E 25TH ST***	***ESE 0 - 1/8 (0.062 mi.)***	***C17***	***38***
TACOMA PUBLIC UTILIT Facility Id: 12078	709 26TH ST E	S 0 - 1/8 (0.083 mi.)	19	53
SUPERIOR CARTAGE OF Facility Id: 4291751	***805 PUYALLUP AVE***	***NE 0 - 1/8 (0.088 mi.)***	***E23***	***63***
WESTERN BEER DISTRIB Facility Id: 58813229	***712 EAST 26TH***	***S 0 - 1/8 (0.102 mi.)***	***26***	***68***
TNT REDDAWAY TRUCK L Facility Id: 64849946	***801 E 26TH***	***SE 0 - 1/8 (0.106 mi.)***	***27***	***71***
PRECISION PATTERN IN Facility Id: 85239825 Facility Id: 23500	***2620 E G ST***	***S 0 - 1/8 (0.114 mi.)***	***G30***	***115***
PLYTAC Facility Id: 8091750	***801 E 25TH***	***E 0 - 1/8 (0.122 mi.)***	***32***	***139***
CARAUSTAR Facility Id: 1685	***808 E 26TH ST***	***SE 0 - 1/8 (0.124 mi.)***	***H33***	***139***
TACOMA TRESTLE TRACK Facility Id: 8199	***824 E 25TH STREET***	***E 1/8 - 1/4 (0.128 mi.)***	***35***	***165***
MENDEZ PROPERTY Facility Id: 59632952	***910 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.132 mi.)***	***I37***	***169***
PUGET SOUND METAL Facility Id: 9147902	***2607 EAST G ST***	***S 1/8 - 1/4 (0.140 mi.)***	***38***	***175***
NEW TACOMA BOX CO Facility Id: 13283	921 E 26TH ST	ESE 1/8 - 1/4 (0.160 mi.)	42	179
PRECISION MACHINE WO	***925 E 25TH ST***	***E 1/8 - 1/4 (0.162 mi.)***	***K43***	***179***

Facility Id: 6595720				
SMURFIT STONE CONTAI Facility Id: 17167958	***817 E 27TH ST***	***SSE 1/8 - 1/4 (0.167 mi.)***	***L45***	***197***
SOUND TRANSIT TACOMA Facility Id: 608568	***XXX E 25TH ST***	***E 1/8 - 1/4 (0.168 mi.)***	***47***	***198***
SAVAGE WHOLESALE Facility Id: 1747	1001 E 25TH ST	E 1/8 - 1/4 (0.198 mi.)	55	219
HOLROYD CO TACOMA PL Facility Id: 14812	***26TH & J ST E***	***ESE 1/8 - 1/4 (0.204 mi.)***	***56***	***219***
LRI LONG HAUL INTERM Facility Id: 5172	***1941 E D ST***	***N 1/4 - 1/2 (0.275 mi.)***	***75***	***294***
BNRR TACOMA YARD PAR Facility Id: 81267111 Facility Id: 94957214	***21ST ST & S D ST***	***NW 1/4 - 1/2 (0.278 mi.)***	***Q77***	***295***
BNRR TACOMA YARD PAR Facility Id: 1267	***21ST ST & S D ST***	***NW 1/4 - 1/2 (0.278 mi.)***	***Q78***	***298***
BNRR TACOMA YARD PAR Facility Id: 3466912	***21ST ST & S D ST***	***NW 1/4 - 1/2 (0.278 mi.)***	***Q79***	***300***
BERG SCAFFOLDING CO Facility Id: 8525915	***2130 E D ST***	***WNW 1/4 - 1/2 (0.311 mi.)***	***U90***	***336***
AMERICAN PLATING Facility Id: 1202	***2110 E D ST***	***WNW 1/4 - 1/2 (0.312 mi.)***	***U92***	***348***
PICKERING INDUSTRIES Facility Id: 75455429	***2102 E D ST***	***WNW 1/4 - 1/2 (0.313 mi.)***	***U94***	***415***
BNRR TACOMA YARD PAR Facility Id: 91663719	***21ST & S D ST***	***NW 1/4 - 1/2 (0.322 mi.)***	***96***	***427***
BNSF RAILWAY COMPANY Facility Id: 37294136 Facility Id: 19116	***610 E 21ST ST***	***NNW 1/4 - 1/2 (0.325 mi.)***	***99***	***433***
MAXI SEEDS INC Facility Id: 52856894	***21ST & D ST***	***NW 1/4 - 1/2 (0.377 mi.)***	***AA115***	***477***
SUPERVALU INC BLDG 1 Facility Id: 4597891	***480 E 19TH***	***N 1/4 - 1/2 (0.381 mi.)***	***118***	***482***
SUPERVALU INC Facility Id: 34146274	***490 E 19TH ST***	***NNE 1/4 - 1/2 (0.384 mi.)***	***119***	***482***
PACIFIC TRANSPORTATI Facility Id: 1243	***440 E 19TH ST***	***NNW 1/4 - 1/2 (0.386 mi.)***	***AC122***	***536***
DOCK STREET STATION Facility Id: 13182788	***2301 E B ST***	***W 1/4 - 1/2 (0.388 mi.)***	***123***	***541***
SUPERVALU MEAT WAREH Facility Id: 67349491	***475 E 19TH ST***	***NNW 1/4 - 1/2 (0.395 mi.)***	***AC127***	***591***
PICKS COVE MARINA Facility Id: 42518833	***1940 E D ST***	***NW 1/4 - 1/2 (0.395 mi.)***	***AA128***	***592***
TACOMA TRANSLOAD INC Facility Id: 25392634	***501 E 19TH ST***	***N 1/4 - 1/2 (0.398 mi.)***	***AE131***	***611***
SUPERVALU INTERNATIO Facility Id: 23977	495 E 19TH ST	NNW 1/4 - 1/2 (0.401 mi.)	AE132	613
NICHOLS TRUCKING CO	***424 E 19TH ST***	***NNW 1/4 - 1/2 (0.407 mi.)***	***AF135***	***614***

Facility Id: 11174741				
ALL SAFE ENVIRONMENT Facility Id: 78312996	1901 E D ST STE A	NW 1/4 - 1/2 (0.413 mi.)	AG139	630
HERITAGE CRYSTAL CLE Facility Id: 84615333	***1901 E D ST***	***NW 1/4 - 1/2 (0.413 mi.)***	***AG140***	***630***
DOCK STREET OVERPASS Facility Id: 57172581	***21ST & DOCK ST***	***WNW 1/4 - 1/2 (0.431 mi.)***	***146***	***754***
ARROW TRANSPORTATION Facility Id: 94425177	***457 E 18TH ST ARROW***	***N 1/4 - 1/2 (0.445 mi.)***	***AM153***	***774***
MPS INC Facility Id: 24976983	***457 E 18TH ST FRONT***	***N 1/4 - 1/2 (0.445 mi.)***	***AM154***	***775***
TRUCK RAIL HANDLING Facility Id: 22736925	***457 E 18TH ST TRANSP***	***N 1/4 - 1/2 (0.445 mi.)***	***AM155***	***776***
SAFETY KLEEN SYSTEMS Facility Id: 53196144	457 E 18TH ST	N 1/4 - 1/2 (0.445 mi.)	AM156	784
TRUCK RAIL HANDLING Facility Id: 63316697	***457 E 18TH ST***	***N 1/4 - 1/2 (0.445 mi.)***	***AM157***	***784***
TAFT & COMPANY Facility Id: 70168999	***1247 PUYALLUP AVENUE***	***ENE 1/4 - 1/2 (0.455 mi.)***	***AN161***	***867***
JOHNNYS DOCK MARINA Facility Id: 1511390	***1900 E D ST***	***NW 1/4 - 1/2 (0.460 mi.)***	***165***	***884***
SUPERVALU HOLDINGS I Facility Id: 66615685	***448 E 18TH ST***	***NNW 1/4 - 1/2 (0.467 mi.)***	***AO168***	***908***
THEA FOSS WATERWAY E Facility Id: 24929	2101 DOCK ST	WNW 1/4 - 1/2 (0.473 mi.)	171	921
TACOMA FIXTURE CO. Facility Id: 6212892	***1815 E D ST***	***NW 1/4 - 1/2 (0.476 mi.)***	***172***	***922***
SUPERVALU INC BLDG 1 Facility Id: 782981	***420 E 18TH ST***	***NNW 1/4 - 1/2 (0.485 mi.)***	***173***	***963***
SUPERVALU INTERNATIO Facility Id: 7821	1801 E D ST	NNW 1/4 - 1/2 (0.499 mi.)	181	1042

WA CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there are 19 WA CSCSL NFA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE CS Id: 719 Facility/Site Id: 1351 Soil: Remediated NFA Date: 07/11/2003	***25TH & G ST E***	***SW 0 - 1/8 (0.051 mi.)***	***16***	***37***

Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

BNRR TACOMA YARD PON ***605 PUYALLUP ST*** ***WNW 0 - 1/8 (0.090 mi.)*** ***F24*** ***64***
CS Id: 274
Facility/Site Id: 1373
Soil: Suspected
NFA Date: 01/03/1996
Contaminant Name: Halogenated Organics

MANNA PRO CORP ***518 PUYALLUP AVE*** ***W 1/8 - 1/4 (0.170 mi.)*** ***M48*** ***202***
CS Id: 9332
Facility/Site Id: 46689617
Soil: Remediated-Below
NFA Date: 01/05/2001
Groundwater: Remediated-Below
Contaminant Name: Petroleum-Other

TACOMA DOME STATION ***500 PUYALLUP AVE*** ***W 1/8 - 1/4 (0.183 mi.)*** ***M54*** ***218***
CS Id: 3765
Facility/Site Id: 1266
Soil: Remediated
NFA Date: 01/03/2001
Groundwater: Remediated
Contaminant Name: Petroleum Products-Unspecified

PACIFIC CHARTER SCHO ***2300 EAST E ST*** ***WNW 1/8 - 1/4 (0.209 mi.)*** ***N61*** ***238***
CS Id: 14981
Facility/Site Id: 1893
Soil: Remediated-Below
NFA Date: 05/20/2019
Contaminant Name: Benzene
Contaminant Name: Petroleum-Gasoline

WP FULLER PROPERTY ***1109 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.301 mi.)*** ***S84*** ***327***
CS Id: 12038
Facility/Site Id: 16761
Soil: Remediated-Below
NFA Date: 09/05/2013
Contaminant Name: Petroleum-Gasoline

TOD DRESSEL PRIVATE ***306 308 314 E 26TH S*** ***WSW 1/4 - 1/2 (0.306 mi.)*** ***T87*** ***328***
CS Id: 11844
Facility/Site Id: 22853
Soil: Remediated-Below
NFA Date: 07/26/2017
Groundwater: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury

GONZALES MOTORS ***301 PUYALLUP AVE*** ***W 1/4 - 1/2 (0.315 mi.)*** ***R95*** ***422***
CS Id: 11037
Facility/Site Id: 91599266
Soil: Below Cleanup Levels
Soil: Remediated-Below
NFA Date: 08/29/2012
Contaminant Name: Benzene
Contaminant Name: Lead

Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

AIRSPARES	***2617 L ST E***	***E 1/4 - 1/2 (0.384 mi.)***	***AB120***	***531***

CS Id: 5946
Facility/Site Id: 36399481
Soil: Remediated-Above
NFA Date: 09/19/2008
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other

DEPT OF PUBLIC ASSEM	***2727 E D ST***	***SSW 1/4 - 1/2 (0.388 mi.)***	***AD126***	***547***

CS Id: 6940
Facility/Site Id: 96231256
Soil: Confirmed Above Cleanup Levels
NFA Date: 05/24/2000
Contaminant Name: Petroleum-Gasoline

TAFT & COMPANY 1239	***1239 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.423 mi.)***	***AI145***	***753***

CS Id: 5932
Facility/Site Id: 35539812
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/10/2000
Contaminant Name: Petroleum-Other

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN BEER DISTRIB	***712 EAST 26TH***	***S 0 - 1/8 (0.102 mi.)***	***26***	***68***

CS Id: 6346
Facility/Site Id: 58813229
Soil: Remediated
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/15/1996
Contaminant Name: Pesticides-Unspecified
Contaminant Name: Petroleum-Other

PRECISION PATTERN IN	***2620 E G ST***	***S 0 - 1/8 (0.114 mi.)***	***G30***	***115***

CS Id: 4080
Facility/Site Id: 85239825
Soil: Remediated
NFA Date: 03/04/2009
Groundwater: Remediated
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

AMERICAN PLATING	***2110 E D ST***	***WNW 1/4 - 1/2 (0.312 mi.)***	***U92***	***348***

CS Id: 2539
Facility/Site Id: 1202
Soil: Remediated-Below
Soil: Remediated-Above
NFA Date: 06/30/2015
Groundwater: Remediated-Below
Groundwater: Remediated-Above
Contaminant Name: Halogenated Organics
Contaminant Name: Metals Priority Pollutants
Surface Water: Below Cleanup Levels

PACIFIC TRANSPORTATI	***440 E 19TH ST***	***NNW 1/4 - 1/2 (0.386 mi.)***	***AC122***	***536***

CS Id: 4367
Facility/Site Id: 1243
NFA Date: 01/16/1996
Contaminant Name: Metals - Other
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

PICKS COVE MARINA ***1940 E D ST*** ***NW 1/4 - 1/2 (0.395 mi.)*** ***AA128*** ***592***
CS Id: 4654
Facility/Site Id: 42518833
Soil: Remediated-Above
NFA Date: 10/09/2004
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

NICHOLS TRUCKING CO ***424 E 19TH ST*** ***NNW 1/4 - 1/2 (0.407 mi.)*** ***AF135*** ***614***
CS Id: 7877
Facility/Site Id: 11174741
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 08/29/2012
Contaminant Name: Benzene
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

TAFT & COMPANY ***1247 PUYALLUP AVENUE*** ***ENE 1/4 - 1/2 (0.455 mi.)*** ***AN161*** ***867***
CS Id: 6536
Facility/Site Id: 70168999
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/10/2000
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

SUPERVALU HOLDINGS I ***448 E 18TH ST*** ***NNW 1/4 - 1/2 (0.467 mi.)*** ***AO168*** ***908***
CS Id: 10098
Facility/Site Id: 66615685
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 08/29/2012
Groundwater: Remediated-Below
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 10 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIERCE TRANSIT TACOM EPA ID:: WAR000006247	***609 E 25TH ST***	***WSW 0 - 1/8 (0.084 mi.)***	***D20***	***53***
ALL TRANSMISSIONS PI EPA ID:: WAD122389281	***505 PUYALLUP AVE***	***W 1/8 - 1/4 (0.175 mi.)***	***M49***	***205***
GOLDEN WEST MOTEL EPA ID:: WAD988508651	***503 E 26TH***	***WSW 1/8 - 1/4 (0.177 mi.)***	***51***	***212***
AIRSPARES EPA ID:: WAD988516530	***415 E 25TH ST***	***WSW 1/8 - 1/4 (0.205 mi.)***	***57***	***220***
INDUSTRIAL PARTS FRI EPA ID:: WAD027540384	***409 E 26TH ST***	***WSW 1/8 - 1/4 (0.236 mi.)***	***64***	***241***
SALVATION ARMY ARC EPA ID:: WAD988499570	***409 PUYALLUP AVE***	***W 1/8 - 1/4 (0.238 mi.)***	***O65***	***245***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUND TRANSIT TACOMA EPA ID:: WAH000049999	802 E 25TH ST	ESE 0 - 1/8 (0.062 mi.)	C18	44
TNT REDDAWAY TRUCK L EPA ID:: WAD180073900	***801 E 26TH***	***SE 0 - 1/8 (0.106 mi.)***	***27***	***71***
AIM AEROSPACE TACOMA EPA ID:: WAD042801944	2620 E G ST	S 0 - 1/8 (0.114 mi.)	G29	75
PRECISION MACHINE WO EPA ID:: WAH000033558	925 E 25TH ST	E 1/8 - 1/4 (0.162 mi.)	K44	186

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 06/30/2020 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA TAR PITS	***PORTLAND AV & RIVER***	***NE 1/2 - 1 (0.657 mi.)***	***207***	***1212***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		E 1/4 - 1/2 (0.286 mi.)	0	21

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there are 4 WA MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUND TRANSIT TACOMA Facility Site ID Number: 5117180 Gen Status CD: XQG Gen Status CD: SQG EPA ID: WAH000049999	***802 E 25TH ST***	***ESE 0 - 1/8 (0.062 mi.)***	***C17***	***38***
PRECISION PATTERN IN Facility Site ID Number: 85239825 Gen Status CD: XQG Gen Status CD: SQG Gen Status CD: MQG EPA ID: WAD042801944	***2620 E G ST***	***S 0 - 1/8 (0.114 mi.)***	***G30***	***115***
CARAUSTAR Facility Site ID Number: 1685 Gen Status CD: SQG EPA ID: WAH000050232	***808 E 26TH ST***	***SE 0 - 1/8 (0.124 mi.)***	***H33***	***139***
PRECISION MACHINE WO Facility Site ID Number: 6595720 Gen Status CD: XQG Gen Status CD: SQG EPA ID: WAH000033558	***925 E 25TH ST***	***E 1/8 - 1/4 (0.162 mi.)***	***K43***	***179***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within

approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA COAL GASIFICA	A STREET	W 1/4 - 1/2 (0.489 mi.)	AR178	995
TACOMA COAL GASIFICA	E 22ND AND A STS	WNW 1/2 - 1 (0.508 mi.)	AS185	1094

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILLS MOBILE SERV GA	702 PUYALLUP AVE	NW 0 - 1/8 (0.042 mi.)	B15	36
STANDARD STATIONS IN	624 PUYALLUP AVE	WNW 0 - 1/8 (0.097 mi.)	F25	68

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

Site Name	Database(s)
OCCIDENTAL CHEMICAL-SITE II	WA SWF/LF
O'CONNER DEMOLITION FILL	WA SWF/LF
FERGUSON-MATHIAS ROAD DUMP	WA SWF/LF
GRICE DUMP	WA SWF/LF
PSE TACOMA HISTORICAL COAL GAS	EDR MGP
NILSEN PLAT TOWNHOMES	WA VCP
PORTAC INC TACOMA	WA VCP
TPU PASSMORE PROPERTY	WA VCP
BAY TERRACE AKA HILLSIDE TERRACE	WA VCP

OVERVIEW MAP - 6218015.2S

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

0 1/4 1/2 1 Miles

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Spring Air Northwest	CLIENT:	Parametrix, Inc.
ADDRESS:	725 E 25TH ST TACOMA WA 98421	CONTACT:	Adam Romey
		INQUIRY #:	6218015.2s
LAT/LONG:	47.240528 / 122.424038	DATE:	October 06, 2020 7:25 pm

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DETAIL MAP - 6218015.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Spring Air Northwest	CLIENT:	Parametrix, Inc.
ADDRESS:	725 E 25TH ST TACOMA WA 98421	CONTACT:	Adam Romey
LAT/LONG:	47.240528 / 122.424038	INQUIRY #:	6218015.2s
		DATE:	October 06, 2020 7:26 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	3	NR	NR	3
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	1	1	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	0	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
WA HSL	1.000		0	4	8	26	NR	38
State- and tribal - equivalent CERCLIS								
WA CSCSL	1.000	1	2	7	15	60	NR	85
State and tribal landfill and/or solid waste disposal site lists								
WA SWF/LF	0.500		1	0	3	NR	NR	4
State and tribal leaking storage tank lists								
WA LUST	0.500	1	1	4	10	NR	NR	16

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WA UST	0.250	1	2	8	NR	NR	NR	11
WA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
WA INST CONTROL	0.500		1	0	4	NR	NR	5
State and tribal voluntary cleanup sites								
WA VCP	0.500	1	2	3	12	NR	NR	18
WA ICR	0.500		0	2	8	NR	NR	10
INDIAN VCP	0.500		0	0	0	NR	NR	0
WA PTAP	0.500		0	0	1	NR	NR	1
State and tribal Brownfields sites								
WA BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
WA SWRCY	0.500		0	0	2	NR	NR	2
WA SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
WA ALLSITES	0.500	1	15	27	87	NR	NR	130
WA CDL	TP		NR	NR	NR	NR	NR	0
WA HIST CDL	TP		NR	NR	NR	NR	NR	0
WA CSCSL NFA	0.500		4	3	12	NR	NR	19
US CDL	TP		NR	NR	NR	NR	NR	0
WA AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
WA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WA SPILLS	TP		NR	NR	NR	NR	NR	0
WA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	4	6	NR	NR	NR	11
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	1.000		0	0	1	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	4	NR	NR	NR	NR	NR	4
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
WA AIRS	TP		NR	NR	NR	NR	NR	0
WA ASBESTOS	TP		NR	NR	NR	NR	NR	0
WA COAL ASH	0.500		0	0	0	NR	NR	0
WA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
WA Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
WA MANIFEST	0.250		3	1	NR	NR	NR	4
WA NPDES	TP		NR	NR	NR	NR	NR	0
WA UIC	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	1	1	NR	2
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WA RGA HWS	TP	1	NR	NR	NR	NR	NR	1
WA RGA LF	TP		NR	NR	NR	NR	NR	0
WA RGA LUST	TP	3	NR	NR	NR	NR	NR	3
- Totals --		15	38	65	171	89	0	378

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **SPRING AIR NW DIV CARMAN MFG CO**
725 E 25TH ST
TACOMA, WA | **WA RGA LUST** | **S115443766**
N/A

Site 1 of 11 in cluster A

Actual: 21 ft.

RGA LUST:

2010	SPRING AIR NW DIV CARMAN MFG CO	725 E 25TH ST
2009	SPRING AIR NW DIV CARMAN MFG CO	725 E 25TH ST

A2 Target Property | **SPRING AIR NW DIV CARMAN MFG CO**
725 E 25TH ST
TACOMA, WA 98421 | **WA CSCSL**
WA LUST
WA UST
WA ALLSITES | **U003355192**
N/A

Site 2 of 11 in cluster A

Actual: 21 ft.

CSCSL:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451
Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451
Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Responsible Unit: Headquarters

Name: SPRING AIR NORTHWEST
Address: 725 E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 9111625
Region: Southwest
Lat/Long: 47.24085 / -122.42451
Clean Up Siteid: 5476
Site Status: Cleanup Started
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Headquarters

LUST:

Name: SPRING AIR NORTHWEST
Address: 725 E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 9111625
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 5476
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section: Headquarters
Release Date: 09/08/1998
Lust Date: 09/09/1998
Region: Southwest
Lust ID: 4998
UST ID: 6904
Contaminant Name: Polychlorinated biPhenyls (PCB)
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24085 / -122.42451

Name: SPRING AIR NORTHWEST
Address: 725 E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 9111625
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 5476

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest
Lust ID:	4998
UST ID:	6904
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest
Lust ID:	4998
UST ID:	6904
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

UST:

Name:	SPRING AIR NW DIV CARMAN MFG CO
Address:	725 E 25TH ST
City:	TACOMA
Zip:	98421
Facility ID:	9111625
Site Id:	6904
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24085
Decimal Longitude:	-122.42451

Tank Name:	1

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SPRING AIR NORTHWEST
Facility Id:	9111625
Name:	FOR KIDS ONLY
Facility Id:	18665

A3 Target Property **SPRING AIR NORTHWEST** **FINDS** **1016261596**
725 EAST 25TH STREET **ECHO** **N/A**
TACOMA, WA 98421

Site 3 of 11 in cluster A

Actual: 21 ft.

FINDS:
Registry ID: 110008215653

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SPRING AIR NORTHWEST (Continued) **1016261596**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016261596
Registry ID:	110008215653
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008215653
Name:	SPRING AIR NORTHWEST
Address:	725 EAST 25TH STREET
City,State,Zip:	TACOMA, WA 98421

A4 Target Property **SPRING AIR NORTHWEST** **WA RGA LUST** **S115443765**
725 E 25TH ST **N/A**
TACOMA, WA

Site 4 of 11 in cluster A

Actual: 21 ft.

RGA LUST:

2012	SPRING AIR NORTHWEST	725 E 25TH ST
2011	SPRING AIR NORTHWEST	725 E 25TH ST

A5 Target Property **SPRING AIR NORTHWEST** **WA RGA HWS** **S115346463**
725 E 25TH ST **N/A**
TACOMA, WA

Site 5 of 11 in cluster A

Actual: 21 ft.

RGA HWS:

2012	SPRING AIR NORTHWEST	725 E 25TH ST
2011	SPRING AIR NORTHWEST	725 E 25TH ST
2010	SPRING AIR NORTHWEST	725 E 25TH ST
2009	SPRING AIR NORTHWEST	725 E 25TH ST
2008	SPRING AIR NORTHWEST	725 E 25TH ST
2007	SPRING AIR NORTHWEST	725 E 25TH ST
2006	SPRING AIR NORTHWEST	725 E 25TH ST
2005	SPRING AIR NORTHWEST	725 E 25TH ST
2004	SPRING AIR NORTHWEST	725 E 25TH ST

A6 Target Property **SPRING AIR NORTHWEST** **WA VCP** **S124436493**
725 E 25TH ST **N/A**
TACOMA, WA 98421

Site 6 of 11 in cluster A

Actual: 21 ft.

VCP:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	9111625
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported

SPRING AIR NORTHWEST (Continued) **S124436493**

NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5476
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: SPRING AIR NORTHWEST
Address: 725 E 25TH ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 9111625
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5476
Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

Name: SPRING AIR NORTHWEST
Address: 725 E 25TH ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 9111625
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 5476
Contaminant Name: Polychlorinated biPhenyls (PCB)
Soil: Below Cleanup Levels

A7 Target Property | **WA317945793 - ENGRAINED PRODUCTS INC** | **FINDS** | **1024391931**
STE C725 E 25TH ST | **N/A**
TACOMA, WA 98421

Site 7 of 11 in cluster A

Actual: 21 ft.

FINDS:
Registry ID: 110070298665

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

WA317945793 - ENGRAINED PRODUCTS INC (Continued) **1024391931**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A8 Target Property **FOR KIDS ONLY**
725 E 25TH ST
TACOMA, WA 98421

FINDS **1012130472**
N/A

Site 8 of 11 in cluster A

Actual: 21 ft.

FINDS:
Registry ID: 110039224602

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A9 Target Property **WA317949153 - ENGRAINED PRODUCTS INC**
STE C725 E 25TH ST
TACOMA, WA 98421

FINDS **1024426584**
N/A

Site 9 of 11 in cluster A

Actual: 21 ft.

FINDS:
Registry ID: 110070346893

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A10 Target Property **SPRING AIR NW-DIV CARMAN MFG CO**
725 E 25TH ST
TACOMA, WA

WA RGA LUST **S115443767**
N/A

Site 10 of 11 in cluster A

Actual: 21 ft.

RGA LUST:

2008	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2007	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2006	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2005	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2004	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2003	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2002	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2001	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
2000	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST

SPRING AIR NW-DIV CARMAN MFG CO (Continued) **S115443767**

1999	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST
1998	SPRING AIR NW-DIV CARMAN MFG CO	725 E 25TH ST

A11 Target Property **SPRING AIR NORTHWEST** **RCRA NonGen / NLR** **1000295573**
725 E 25TH ST **WAD009258187**
TACOMA, WA 98420

Site 11 of 11 in cluster A

Actual: 21 ft.

RCRA Listings:

Date Form Received by Agency:	1985-03-15 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Handler Address:	725 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98420
EPA ID:	WAD009258187
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	725 E 25TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CARMAN MANUFACTURING CO
Owner Type:	Private
Operator Name:	CARMAN MANUFACTURING CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:03:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2005
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPRING AIR NORTHWEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST

SPRING AIR NORTHWEST (Continued) **1000295573**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPRING AIR NORTHWEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1985-03-14 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1985-03-15 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1985-03-14 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

List of NAICS Codes and Descriptions:

NAICS Code:	33791
NAICS Description:	MATTRESS MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1998-05-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WAHEP
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2000-12-27 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJMC
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
East **, WA**
1/4-1/2
1512 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Puyallup Reservation
Agency:	BIA

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12 **PUGET SOUND SPECIALTY** **WA ALLSITES** **S109824410**
South **706 E 25TH ST** **WA ASBESTOS** **N/A**
< 1/8 **TACOMA, WA 98421**
0.036 mi.
192 ft.

Relative:
Higher

Actual:
21 ft.

ALLSITES:

Name:	PUGET SOUND SPECIALTY
Facility Id:	23657

ASBESTOS:

Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	132883##1511Rhine535430
Notice Date:	09/27/2016
Start Date:	07/12/2016
Completion Date:	10/31/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-09-27 15:55:08
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial

PUGET SOUND SPECIALTY (Continued) **S109824410**

Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	134103##1511Rhine268498
Notice Date:	10/26/2016
Start Date:	11/07/2016
Completion Date:	04/30/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-26 10:55:51
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	138898##1511Rhine336050
Notice Date:	02/21/2017
Start Date:	11/07/2016

PUGET SOUND SPECIALTY (Continued) **S109824410**

Completion Date:	02/21/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Dennis Staples
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty

PUGET SOUND SPECIALTY (Continued) **S109824410**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-21 16:19:36
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Dennis Staples ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	119134##1511Rhine329409
Notice Date:	07/11/2016
Start Date:	07/12/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-11 16:24:21
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	118707##1511Rhine305357
Notice Date:	07/01/2016
Start Date:	07/12/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-01 12:42:44
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050

PUGET SOUND SPECIALTY (Continued) **S109824410**

Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	138719##1511Rhine244967
Notice Date:	02/17/2017
Start Date:	11/07/2016
Completion Date:	04/30/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Dennis Staples
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-17 08:02:13
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Dennis Staples ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	0
Form ID:	118660##1511Rhine405318
Notice Date:	06/30/2016

PUGET SOUND SPECIALTY (Continued) **S109824410**

Start Date:	07/11/2016
Completion Date:	09/30/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-30 15:54:49
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

B13 **FORMER TEXACO SERVICE STATION** **WA CSCSL** **S121442544**
NW **704 PUYALLUP AVE** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98421**
0.038 mi.
201 ft. **Site 1 of 3 in cluster B**

Relative:
Higher

Actual:
22 ft.

CSCSL:

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported

FORMER TEXACO SERVICE STATION (Continued) **S121442544**

Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452

FORMER TEXACO SERVICE STATION (Continued) **S121442544**

Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

ALLSITES:

Name:	FORMER TEXACO SERVICE STATION
Facility Id:	78349

B14 **FORMER TEXACO SERVICE STATION** **WA VCP** **S124435975**
NW **704 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.038 mi.
201 ft. **Site 2 of 3 in cluster B**

Relative:
Higher

Actual:
22 ft.

VCP:

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	78349
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	14432
Contaminant Name:	Arsenic
Soil:	Below Cleanup Levels

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	78349
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported

FORMER TEXACO SERVICE STATION (Continued) **S124435975**

Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Lead
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Metals - Other
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

B15 **BILLS MOBILE SERV GAS STA** **EDR Hist Auto** **1014533647**
NW **702 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.042 mi.
224 ft. **Site 3 of 3 in cluster B**

Relative: EDR Hist Auto
Higher

Actual:
22 ft.

Year:	Name:	Type:
1942	AABERGS SERVICE	GASOLINE AND OIL SERVICE STATIONS
1947	FISHERS MOBILE STA	GASOLINE AND OIL SERVICE STATIONS
1953	BILLS MOBILE SERV GAS STA	GASOLINE STATIONS

16 SW < 1/8 0.051 mi. 267 ft. | **FREIGHTHOUSE SQUARE 25TH & G ST E TACOMA, WA 98438** | **WA INST CONTROL WA ALLSITES WA CSCSL NFA** | **S101189699 N/A**

Relative: Higher

Actual: 23 ft.

INST CONTROL:

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility Site ID:	1351
Latitude:	47.239707115
Longitude:	-122.4270201
Instrument Type:	Environmental Covenant
NFA Date:	07/11/2003
County Filing # For Individual IC Doc:	2.0030724085e+011
Filing Date Of Individual IC Doc:	07/24/2003
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2075240013, 2075240011, 2075220011, 2075200011, 2075200015
Control Active:	True
CS ID:	719
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	FREIGHTHOUSE SQUARE
Facility Id:	1351

CSCSL NFA:

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility/Site Id:	1351
CS Id:	719
NFA Date:	07/11/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review

FREIGHTHOUSE SQUARE (Continued) **S101189699**

Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239707115
Longitude:	-122.4270201

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility/Site Id:	1351
CS Id:	719
NFA Date:	07/11/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239707115
Longitude:	-122.4270201

C17 **SOUND TRANSIT TACOMA LINK OPS** **WA ALLSITES** **S109552463**
ESE **802 E 25TH ST** **WA MANIFEST** **N/A**
< 1/8 **TACOMA, WA 98421** **WA NPDES**
0.062 mi.
328 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	SOUND TRANSIT 25TH ST
Facility Id:	5117180

WA MANIFEST:

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	(206)398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	(206)398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	(206)398-5000
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Federal Waste Code Desc:	D001,D005,D006,D007,D008,D035
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NPDES:

Name:	SOUND TRANSIT TACOMA OMF
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	10/01/2018
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	CNE044003
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	09/30/2023
Effective Date:	10/01/2018
Days to Expiration:	-1174

C18 **SOUND TRANSIT TACOMA LINK OPS** **RCRA NonGen / NLR** **1018282531**
ESE **802 E 25TH ST** **WAH000049999**
< 1/8 **TACOMA, WA 98421**
0.062 mi.
328 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-01 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Handler Address:	802 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000049999
Contact Name:	BRIA KNOWLES
Contact Address:	401 S JACKSON ST
Contact City,State,Zip:	SEATTLE, WA 98134
Contact Telephone:	206-398-5033
Contact Fax:	Not reported
Contact Email:	BRIA.KNOWLES@SOUNDTRANSIT.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	District
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	401 S JACKSON ST
Mailing City,State,Zip:	SEATTLE, WA 98134
Owner Name:	SOUND TRANSIT
Owner Type:	District
Operator Name:	SOUND TRANSIT
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Handler Date of Last Change:	2019-04-12 19:21:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-12-02 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-27 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Receive Date:	2018-02-28 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-01 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	485112
NAICS Description:	COMMUTER RAIL SYSTEMS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Applicability
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Former Citation:	Not reported
Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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19 South < 1/8 0.083 mi. 436 ft. **TACOMA PUBLIC UTILITIES MILWAUKEE SUBSTATION** **WA ALLSITES** **S116505643**
709 26TH ST E **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 18 ft.

ALLSITES:

Name:	TACOMA PUBLIC UTILITIES MILWAUKEE SUBSTATION
Facility Id:	12078

D20 WSW < 1/8 0.084 mi. 445 ft. **PIERCE TRANSIT TACOMA DOME** **WA ALLSITES** **1001082058**
609 E 25TH ST **RCRA NonGen / NLR** **WAR000006247**
TACOMA, WA 98421 **FINDS**
ECHO

Site 1 of 2 in cluster D

Relative: Higher
Actual: 42 ft.

ALLSITES:

Name:	PIERCE TRANSIT TACOMA DOME
Facility Id:	25441163

RCRA Listings:

Date Form Received by Agency:	1997-06-10 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Handler Address:	609 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAR000006247
Contact Name:	MIKE MEADOWS
Contact Address:	3701 96TH ST SW
Contact City,State,Zip:	TACOMA, WA 98499
Contact Telephone:	553-984-8204
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 96TH ST SW
Mailing City,State,Zip:	TACOMA, WA 98499
Owner Name:	PIERCE TRANSIT
Owner Type:	Private
Operator Name:	ADAMS, WAYNE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 18:14:47.0
Recognized Trader-Importer:	No

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS, WAYNE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS, WAYNE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT P
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE A
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Receive Date:	1997-06-10 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-28 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48521
NAICS Description:	INTERURBAN AND RURAL BUS TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110002449477

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001082058
Registry ID:	110002449477
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002449477
Name:	PIERCE TRANSIT TACOMA DOME
Address:	609 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

D21 **FREIGHTHOUSE SQUARE, AMTRAK RELOCATION** **WA CSCSL** **S121442309**
WSW **602 E 25TH ST** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98421**
0.085 mi.
451 ft. **Site 2 of 2 in cluster D**

Relative:
Higher

Actual:
40 ft.

CSCSL:

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544

FREIGHTHOUSE SQUARE, AMTRAK RELOCATION (Continued) **S121442309**

Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

FREIGHTHOUSE SQUARE, AMTRAK RELOCATION (Continued) **S121442309**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FREIGHTHOUSE SQUARE AMTRAK RELOCATION
Facility Id:	206719

E22 **SUPERIOR CARTAGE OF WASHINGTON INC** **WA UST** **U003354609**
NE **805 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.088 mi.
465 ft. **Site 1 of 2 in cluster E**

Relative:
Lower

Actual:
19 ft.

UST:

Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Address:	805 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	4291751
Site Id:	4666
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.240871
Decimal Longitude:	-122.423934
Tank Name:	#1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Address:	805 PUYALLUP AVE

SUPERIOR CARTAGE OF WASHINGTON INC (Continued) **U003354609**

City:	TACOMA
Zip:	98421
Tank Name:	#2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

E23 **SUPERIOR CARTAGE OF WASHINGTON INC** **WA ALLSITES** **S109010840**
NE **805 PUYALLUP AVE** **WA SPILLS** **N/A**
< 1/8 **TACOMA, WA 98421**
0.088 mi.
465 ft. **Site 2 of 2 in cluster E**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Facility Id:	4291751

SPILLS:

Name:	NELSON PETROLEUM
Address:	805 PUYALLUP AVE
City,State,Zip:	TACOMA, WA
Facility ID:	604065
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	20
Material Units:	GALLON
Date Received:	02/29/2008
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported

SUPERIOR CARTAGE OF WASHINGTON INC (Continued) **S109010840**

Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

F24 WNW < 1/8 0.090 mi. 475 ft. **BNRR TACOMA YARD POND** **WA ALLSITES** **S107487061**
605 PUYALLUP ST **WA CSCSL NFA** **N/A**
TACOMA, WA 98421 **WA SPILLS**

Site 1 of 2 in cluster F

Relative: Higher
Actual: 22 ft.

ALLSITES:

Name:	BNRR TACOMA YARD POND
Facility Id:	1373

CSCSL NFA:

Name:	BNRR TACOMA YARD POND
Address:	605 PUYALLUP ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1373
CS Id:	274
NFA Date:	01/03/1996
Alternate Site Names:	BURLINGTON NORTHERN RAILROAD
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241221
Longitude:	-122.425846

SPILLS:

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107685
Medium:	Other
Material Desc:	Chemical
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/02/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train

BNRR TACOMA YARD POND (Continued) **S107487061**

Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Mathew Genilo
Cause:	Sodium Hydroxide Spill from Railcar, Tacoma
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	TACOMA - BNSF RAIL YARD
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	108550
Medium:	Vehicle
Material Desc:	Chemical
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/13/2019
Incident Category Type:	Non Oil
Incident Category:	Hazmat Release
Latitude:	47.25089
Longitude:	-122.41769
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Ryan Risdon, Steve Yost
Cause:	BNSF Rail Car with Possible Sodium Chlorate Residue - Tacoma 10-13-19
Cause Type:	Not reported
Resp Party Name:	BNSF, BNSF - HazMat

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	109175
Medium:	Vehicle
Material Desc:	USED OIL
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/06/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Dominic Winslow
Cause:	BNSF Tank Car Small Oil Spill, December 6, 2019
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BNSF EAST END TACOMA YARD
Address:	605 PUYALLUP AVE

BNRR TACOMA YARD POND (Continued) **S107487061**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	110421
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	100
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/08/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	95
Resp Party Contact:	Not reported
Cause:	BNSF Oil Spill Tacoma 3-8-20
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	111447
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	1
Material Units:	Quart
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	06/04/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Not reported
Cause:	BNSF Locomotive Oil to Ballast - Tacoma Rail Yard
Cause Type:	Not reported
Resp Party Name:	BNSF

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	109175
Medium:	Vehicle
Material Desc:	USED OIL
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/06/2019

BNRR TACOMA YARD POND (Continued) **S107487061**

Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107685
Medium:	Other
Material Desc:	Chemical
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/02/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BURLINGTON NORTHERN SANTA FE RAILROAD
Address:	605 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA
Facility ID:	536284
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	50
Material Units:	GALLON
Date Received:	09/20/2003
Contact Name:	ESTERBY
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported

BNRR TACOMA YARD POND (Continued) **S107487061**

Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BURLINGTON NORTHERN SANTA FE RAILROAD
Address:	605 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA
Facility ID:	530751
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	12/11/2002
Contact Name:	ANDERSON
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

F25
WNW
< 1/8
0.097 mi.
514 ft.

STANDARD STATIONS INC GAS
624 PUYALLUP AVE
TACOMA, WA

EDR Hist Auto **1014534717**
N/A

Site 2 of 2 in cluster F

Relative:
Higher

Actual:
21 ft.

EDR Hist Auto

Year:	Name:	Type:
1965	STANDARD STATIONS INC GAS	GASOLINE STATIONS

26
South
< 1/8
0.102 mi.
541 ft.

WESTERN BEER DISTRIBUTORS INC
712 EAST 26TH
TACOMA, WA 98421

WA LUST **U003353915**
WA UST **N/A**
WA ALLSITES
WA CSCSL NFA

Relative:
Lower

Actual:
19 ft.

LUST:

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	58813229
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6346
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	WESTERN BEER DISTRIBUTORS INC
Response Section:	Southwest

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Release Date:	06/25/1992
Lust Date:	10/15/1996
Region:	Southwest
Lust ID:	2077
UST ID:	2584
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239649 / -122.41522

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	58813229
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6346
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	WESTERN BEER DISTRIBUTORS INC
Response Section:	Southwest
Release Date:	06/25/1992
Lust Date:	10/15/1996
Region:	Southwest
Lust ID:	2077
UST ID:	2584
Contaminant Name:	Pesticides-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239649 / -122.41522

UST:

Name:	WESTERN BEER DISTRIBUTORS INC
Address:	712 EAST 26TH
City:	TACOMA
Zip:	98421
Facility ID:	58813229
Site Id:	2584
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239649
Decimal Longitude:	-122.415225

Tank Name:	1.
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/30/1969
Tank Closure Date:	Not reported
Capacity Range:	Not reported

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WESTERN BEER DISTRIBUTORS
Facility Id:	58813229

CSCSL NFA:

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	58813229
CS Id:	6346
NFA Date:	10/15/1996
Alternate Site Names:	WESTERN BEER DISTRIBUTORS INC
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Pesticides-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239649
Longitude:	-122.415225

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	58813229
CS Id:	6346
NFA Date:	10/15/1996
Alternate Site Names:	WESTERN BEER DISTRIBUTORS INC
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239649
Longitude:	-122.415225

27
SE
< 1/8
0.106 mi.
559 ft.

TNT REDDAWAY TRUCK LINE INC
801 E 26TH
TACOMA, WA 98421

WA ALLSITES **1000133229**
RCRA NonGen / NLR **WAD180073900**
FINDS
ECHO

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	TNT REDDAWAY TRUCK LINE INC
Facility Id:	64849946

RCRA Listings:

Date Form Received by Agency:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Handler Address:	801 E 26TH
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD180073900
Contact Name:	TNT REDDAWAY TR TNT REDDAWAY TR
Contact Address:	PO BOX 1035
Contact City,State,Zip:	CLACKAMAS, OR 97015-1035
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1035
Mailing City,State,Zip:	CLACKAMAS, OR 97015-1035
Owner Name:	TNT REDDAWAY TR T
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT REDDAWAY TRUCK LINE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2109
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT REDDAWAY TR T
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2109
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 48411

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005333228

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000133229
Registry ID:	110005333228
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005333228
Name:	TNT REDDAWAY TRUCK LINE INC
Address:	801 E 26TH
City,State,Zip:	TACOMA, WA 98421

G28 **PRECISION PATTERN INC** **WA VCP** **S124436250**
South **2620 E G ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.114 mi.
600 ft. **Site 1 of 3 in cluster G**

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85239825
VCP Status:	Not reported
VCP:	NFA

PRECISION PATTERN INC (Continued) **S124436250**

Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-03-04
Rank:	Not reported
Cleanup Siteid:	4080
Contaminant Name:	Non-Halogenated Solvents
Soil:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85239825
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-03-04
Rank:	Not reported
Cleanup Siteid:	4080
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

G29 **AIM AEROSPACE TACOMA OPERATIONS** **RCRA NonGen / NLR** **1015751726**
South **2620 E G ST** **WAD042801944**
< 1/8 **TACOMA, WA 98421**
0.114 mi.
600 ft. **Site 2 of 3 in cluster G**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2013-07-19 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Handler Address:	2620 E G ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD042801944
Contact Name:	KATHY EATON
Contact Address:	2620 EAST G STREET
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-572-4333
Contact Fax:	Not reported
Contact Email:	KEATON@AIM-AEROSPACE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	AIM AEROSPACE
Owner Type:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 16:09:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AIM AEROSPACE
Legal Status: Private
Date Became Current: 2007-07-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 9011
Owner/Operator City,State,Zip: RENTON, WA 98057

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE A
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATHY E
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-06 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-02 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-07-19 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-13 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-02 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Electronic Manifest Broker:	Not reported
Receive Date:	1999-01-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-06-04 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-04-11 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-28 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-19 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-05 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-08 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-14 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-05-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Receive Date:	2009-03-16 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-24 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-02 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-06 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-07 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-07-18 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332997
NAICS Description:	INDUSTRIAL PATTERN MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-06-26 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Violation was Determined:	2005-02-11 00:00:00.0
Actual Return to Compliance Date:	2005-03-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-02-11 00:00:00.0
Actual Return to Compliance Date:	2005-02-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEXZ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-07-04 00:00:00.0
Scheduled Compliance Date:	1993-06-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-05-13 00:00:00.0

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-02-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2005-03-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-03-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANDL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-02-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2005-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

G30 **PRECISION PATTERN INC** **WA ALLSITES** **1000172416**
South **2620 E G ST** **WA CSCSL NFA** **N/A**
< 1/8 **TACOMA, WA 98421** **WA SPILLS**
0.114 mi. **FINDS**
600 ft. **Site 3 of 3 in cluster G** **ECHO**
WA MANIFEST

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	PRECISION PATTERN INC
Facility Id:	85239825

Name:	AIM AEROSPACE
Facility Id:	23500

CSCSL NFA:

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	85239825
CS Id:	4080
NFA Date:	03/04/2009
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review

PRECISION PATTERN INC (Continued) **1000172416**

Site Status:	NFA
Region:	Southwest
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23875
Longitude:	-122.4242

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	85239825
CS Id:	4080
NFA Date:	03/04/2009
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23875
Longitude:	-122.4242

SPILLS:

Name:	PRECISION PATTERN
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA
Facility ID:	544441
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	11/08/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

FINDS:
Registry ID: 110005319976

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000172416
Registry ID:	110005319976
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005319976
Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AIM AEROSPACE TACOMA OPERATIONS
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

PRECISION PATTERN INC (Continued) **1000172416**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM AEROSPACE
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste flammable liquids Acetone N.O.S
CORb Sequence Number:	136068
Sequence Number:	2659273
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	250
Quanity Unit:	LB
Kilograms Quanity:	113.400001
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W403
Description:	Washington State Waste only Toxic Persistant
CORb Sequence Number:	136068
Sequence Number:	2659275
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	washington state waste only - toxic
CORb Sequence Number:	136068
Sequence Number:	2659274
Mixed Radioactive Flag:	False
Designation Code:	D

PRECISION PATTERN INC (Continued) **1000172416**

Reported Quanity: 80
Quanity Unit: LB
Kilograms Quanity: 36.2880006
Density Number: 0
Density Quanity: Not reported

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 136068
Waste Sequence Number: 2659273
Sequence Number: 656684
Received EPAID: WAD991281767
Managed Quanity: 250
Kilogram Quanity: 113.400001
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2659275
Sequence Number: 656686
Received EPAID: WAD991281767
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2659274
Sequence Number: 656685
Received EPAID: WAD991281767
Managed Quanity: 80
Kilogram Quanity: 36.2880006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 136068
Comments: acetone waste - for cleaning of small cutting tools
Waste Sequence Number: 2659273
Sequence Number: 1

Comments: oil that was found - old
Waste Sequence Number: 2659274
Sequence Number: 1

Comments: tcc-301 resin
Waste Sequence Number: 2659275
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136068
Waste Sequence Number: 2659273
Sequence Number: 5890088
WCDA Code: D001

Waste Sequence Number: 2659273
Sequence Number: 5890089
WCDA Code: F003

PRECISION PATTERN INC (Continued) **1000172416**

Waste Stream Source Code:

CORB Waste Sequence Number:	136068
Waste Sequence Number:	2659273
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2659274
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2659275
Sequence Number:	1
WCDD Code:	G09

Name:	AIM AEROSPACE TACOMA OPERATIONS
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM AEROSPACE
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist

PRECISION PATTERN INC (Continued) **1000172416**

Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

PRECISION PATTERN INC (Continued) **1000172416**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste flammable liquids NOS (Naphtha, Tylene)
CORb Sequence Number:	128039
Sequence Number:	2497284
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.968001014249623
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Liquid, NOS (Bisphenol a based epoiy Resin)
CORb Sequence Number:	128039
Sequence Number:	2497282
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	125
Quanity Unit:	LB
Kilograms Quanity:	56.700000975240023
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste Toxic

PRECISION PATTERN INC (Continued) **1000172416**

CORb Sequence Number: 128039
Sequence Number: 2497280
Mixed Radioactive Flag: False
Designation Code: D
Reported Quanity: 45
Quanity Unit: LB
Kilograms Quanity: 20.412000351086409
Density Number: 0
Density Quanity: Not reported

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 128039
Waste Sequence Number: 2497282
Sequence Number: 590746
Received EPAID: WAD991281767
Managed Quanity: 125
Kilogram Quanity: 56.700000975240023
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2497284
Sequence Number: 590752
Received EPAID: WAD991281767
Managed Quanity: 130
Kilogram Quanity: 58.968001014249623
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2497280
Sequence Number: 590738
Received EPAID: WAD991281767
Managed Quanity: 45
Kilogram Quanity: 20.412000351086409
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 128039
Comments: Liquid, NOS (Bisphenol a based epoiy Resin)
Waste Sequence Number: 2497282
Sequence Number: 1

Comments: Waste Toxic
Waste Sequence Number: 2497280
Sequence Number: 1

Comments: Waste flammable liquids NOS (Naphtha, Tylene)
Waste Sequence Number: 2497284
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 128039
Waste Sequence Number: 2497284
Sequence Number: 5440899
WCDA Code: D018

PRECISION PATTERN INC (Continued) **1000172416**

Waste Sequence Number: 2497284
Sequence Number: 5440898
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 128039
Waste Sequence Number: 2497280
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2497282
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2497284
Sequence Number: 1
WCDD Code: G09

Name: PRECISION PATTERN INC
Address: 2620 E G ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 85239825
EPA ID: WAD042801944
NAICS: 332997
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: No Regulated Waste Generated.
Data Year: 2009
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: 600087981
Business Type: TOOL MANUFACTURING
Mail Name: Precision Pattern Inc
Mailing Address: 2620 E G ST
Mailing City,State,Zip: TACOMA, WA 98421-1907
Legal Organization Name: AIM Group USA
Legal Organization Type: Private
Legal Contact: Not reported
Legal Address: PO Box 9011
Legal Address 2: Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Brian Retzloff
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Brian Retzloff
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	bretzloff@ppattern.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003,F005,D002,
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

PRECISION PATTERN INC (Continued) **1000172416**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Brian Retzloff
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Brian Retzloff
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	bretzloff@ppattern.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

PRECISION PATTERN INC (Continued) **1000172416**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS AND SOLVENT
CORb Sequence Number:	118235
Sequence Number:	2004159
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	210
Quanity Unit:	LB
Kilograms Quanity:	95.256001638403234
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS AND SOLVENT
CORb Sequence Number:	118235
Sequence Number:	2004158
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	700
Quanity Unit:	LB
Kilograms Quanity:	317.52000546134411
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

PRECISION PATTERN INC (Continued) **1000172416**

WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	REN 4037 HARDENER
CORb Sequence Number:	118235
Sequence Number:	2004163
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	CORROSIVE CLASS 8 LABPACK
CORb Sequence Number:	118235
Sequence Number:	2004161
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	83.400000000000006
Quanity Unit:	LB
Kilograms Quanity:	37.830240650680146
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOLS CONSOLIDATION
CORb Sequence Number:	118235
Sequence Number:	2004162
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	TOXICS CLASS 6.1 LOOSEPACK
CORb Sequence Number:	118235
Sequence Number:	2004160
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8.3399999999999999
Quanity Unit:	LB
Kilograms Quanity:	3.7830240650680143
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118235
Waste Sequence Number:	2004162
Sequence Number:	955763
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2004160
Sequence Number:	955761
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	8.34
Unit of Measure:	LB
Kilograms Quanity:	3.78302406506801
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2004158
Sequence Number:	955759
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	100
Unit of Measure:	LB
Kilograms Quanity:	45.360000780192
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2004158
Sequence Number:	955758
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	600
Unit of Measure:	LB

PRECISION PATTERN INC (Continued) **1000172416**

Kilograms Quanity:	272.160004681152
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004161
Sequence Number:	955762
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	83.4
Unit of Measure:	LB
Kilograms Quanity:	37.8302406506801
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004163
Sequence Number:	955764
Shipment Date:	9/23/2008
Mainfest Document ID:	70440
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004159
Sequence Number:	955760
Shipment Date:	9/23/2008
Mainfest Document ID:	70440
Reported Quanity:	210
Unit of Measure:	LB
Kilograms Quanity:	95.2560016384032
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	118235
Waste Sequence Number:	2004163
Sequence Number:	488123
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H111
Waste Sequence Number:	2004158
Sequence Number:	488118
Received EPAID:	WAD991281767
Managed Quanity:	700
Kilogram Quanity:	317.52000546134411
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	2004162
Sequence Number:	488122
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.5360000780192014
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	2004161

PRECISION PATTERN INC (Continued) **1000172416**

Sequence Number: 488121
Received EPAID: WAD991281767
Managed Quanity: 83.400000000000006
Kilogram Quanity: 37.830240650680146
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004160
Sequence Number: 488120
Received EPAID: WAD991281767
Managed Quanity: 8.3399999999999999
Kilogram Quanity: 3.7830240650680143
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004159
Sequence Number: 488119
Received EPAID: WAD991281767
Managed Quanity: 210
Kilogram Quanity: 95.256001638403234
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 118235
Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004160
Sequence Number: 1

Comments: ONE TIIME CLEANUP
Waste Sequence Number: 2004162
Sequence Number: 1

Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004163
Sequence Number: 1

Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004161
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 118235
Waste Sequence Number: 2004161
Sequence Number: 4287593
WCDA Code: D002

Waste Sequence Number: 2004159
Sequence Number: 4287585
WCDA Code: F003

Waste Sequence Number: 2004158
Sequence Number: 4287596
WCDA Code: D035

Waste Sequence Number: 2004159

PRECISION PATTERN INC (Continued) **1000172416**

Sequence Number: 4287586
WCDA Code: F005

Waste Sequence Number: 2004162
Sequence Number: 4287594
WCDA Code: D001

Waste Sequence Number: 2004158
Sequence Number: 4287598
WCDA Code: F005

Waste Sequence Number: 2004159
Sequence Number: 4287584
WCDA Code: D035

Waste Sequence Number: 2004158
Sequence Number: 4287595
WCDA Code: D001

Waste Sequence Number: 2004159
Sequence Number: 4287583
WCDA Code: D001

Waste Sequence Number: 2004158
Sequence Number: 4287597
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 118235
Waste Sequence Number: 2004159
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2004160
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2004163
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2004161
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2004158
Sequence Number: 1
WCDD Code: G07

Waste Sequence Number: 2004162
Sequence Number: 1
WCDD Code: G19

Name: PRECISION PATTERN INC
Address: 2620 E G ST
City,State,Zip: TACOMA, WA 98421

PRECISION PATTERN INC (Continued) **1000172416**

Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Staci Book
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	Sbook@PPATTERN.COM

PRECISION PATTERN INC (Continued) **1000172416**

Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907

PRECISION PATTERN INC (Continued) **1000172416**

Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Dan Hesser
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333/891-6619
Site Contact Email:	dhesser@ppattern.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No

PRECISION PATTERN INC (Continued) **1000172416**

Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Staci Book
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	Sbook@PPATTERN.COM
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No

PRECISION PATTERN INC (Continued) **1000172416**

Used Oil Fuel Marketer Meets Specs: No
Site Contact Address 2: Not reported

31
SW
< 1/8
0.119 mi.
627 ft.

HJB MARINE
601 E 26TH ST
TACOMA, WA 98421

WA ALLSITES **S109824733**
N/A

Relative:
Higher

Actual:
54 ft.

ALLSITES:
Name: HJB MARINE
Facility Id: 3081

32
East
< 1/8
0.122 mi.
646 ft.

PLYTAC
801 E 25TH
TACOMA, WA 98401

WA ALLSITES **1011932227**
FINDS **N/A**

Relative:
Lower

Actual:
19 ft.

ALLSITES:
Name: PLYTAC
Facility Id: 8091750

FINDS:
Registry ID: 110037547447

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

H33
SE
< 1/8
0.124 mi.
657 ft.

CARAUSTAR
808 E 26TH ST
TACOMA, WA 98421

Site 1 of 2 in cluster H

WA SWF/LF **S118344775**
WA ALLSITES **N/A**
WA ASBESTOS
WA MANIFEST

Relative:
Lower

Actual:
19 ft.

SWF/LF:
Name: CARAUSTAR TACOMA PAPERBOARD
Address: 808 EAST 26TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3313
Region: STATE
Permit Status: Exempt
Contact Organization: Caraustar Tacoma Paperboard
Contact Address1: 808 East 26th St
Contact Address2: Not reported
Contact City: Tacoma

CARAUSTAR (Continued) **S118344775**

Contact State:	WA
Contact Postal:	98421
Contact EMail:	mike.trussell@caraustar.com
Contact Phone:	(253) 502-5720
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-627-1197
Operator Name:	Not reported
Operator Organization:	Caraustar Tacoma Paperboard
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Recycling (non-regulated)
Contact Name:	Mike Trussell
Contact Title:	Plant Process Engineer
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	CARAUSTAR
Facility Id:	1685

ASBESTOS:

Name:	Not reported
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	141946#190038735
Notice Date:	09/17/2019
Start Date:	05/20/2019
Completion Date:	09/19/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported

CARAUSTAR (Continued) **S118344775**

Property Owner Company:	TACOMA ABATEMENT CO LLC (TACOMA) (ABCN00001532)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported

CARAUSTAR (Continued) **S118344775**

Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Air cell Pipe Insulation
Supervisor:	Matthew Ware (ABAS00030943) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	141946#190038735
Notice Date:	05/08/2019
Start Date:	05/20/2019
Completion Date:	05/23/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (TACOMA) (ABCN00001532)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported

CARAUSTAR (Continued) **S118344775**

Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Air cell Pipe Insulation
Supervisor:	Matthew Ware (ABAS00030943) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET

CARAUSTAR (Continued) **S118344775**

City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/12/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported

CARAUSTAR (Continued) **S118344775**

Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/09/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported

CARAUSTAR (Continued) **S118344775**

Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported

CARAUSTAR (Continued) **S118344775**

Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/09/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported

CARAUSTAR (Continued) **S118344775**

Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported

CARAUSTAR (Continued) **S118344775**

Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/05/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported

CARAUSTAR (Continued) **S118344775**

CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

WA MANIFEST:

Name:	CARAUSTAR
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported

CARAUSTAR (Continued) **S118344775**

Facility ID:		1685
EPA ID:		WAH000050232
NAICS:		322130
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Ste 300
Tax Reg #:		602231398
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		808 E 26th St
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Caraustar Industries Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		5000 Austell Powder Springs Rd
Legal Address 2:		Ste 300
Legal City,State,Zip:		Austell, GA 30106
Legal Phone Number:		(770)948-3101
Legal Effective Date:		01/01/2002
Land Organization Name:		Caraustar Industries Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		5000 Austell Powder Springs Rd
Land City,State,Zip:		Austell, GA 30106
Land Phone Number:		(770)948-3101
Operator Organization Name:		Caraustar Tacoma Paperboard
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		808 E 26th St
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)627-1197
Operator Effective Date:		01/01/2002
Site Contact:		Not reported
Site Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Site Contact Phone Number:		Not reported
Site Contact Email:		Not reported
Gen Status Code:		SQG

CARAUSTAR (Continued) **S118344775**

Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CARAUSTAR
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1685
EPA ID:	WAH000050232
NAICS:	322130
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 300
Tax Reg #:	602231398
Business Type:	Paperboard Mill
Mail Name:	Caraustar Tacoma Paperboard
Mailing Address:	808 E 26th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Caraustar Industries Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5000 Austell Powder Springs Rd
Legal Address 2:	Ste 300
Legal City,State,Zip:	Austell, GA 30106
Legal Phone Number:	(770)948-3101

CARAUSTAR (Continued) **S118344775**

Legal Effective Date:	01/01/2002
Land Organization Name:	Caraustar Industries Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5000 Austell Powder Springs Rd
Land City,State,Zip:	Austell, GA 30106
Land Phone Number:	(770)948-3101
Operator Organization Name:	Caraustar Tacoma Paperboard
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	808 E 26th St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)627-1197
Operator Effective Date:	01/01/2002
Site Contact:	Mark Lindstrom
Site Contact Address:	808 E 26th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)627-1197
Site Contact Email:	mark.lindstrom@caraustar.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		CARAUSTAR
Address:		808 E 26TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		1685
EPA ID:		WAH000050232
NAICS:		322130
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False

CARAUSTAR (Continued) **S118344775**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 300
Tax Reg #:	602231398
Business Type:	Paperboard Mill
Mail Name:	Caraustar Tacoma Paperboard
Mailing Address:	808 E 26th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Caraustar Industries Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5000 Austell Powder Springs Rd
Legal Address 2:	Ste 300
Legal City,State,Zip:	Austell, GA 30106
Legal Phone Number:	(770)948-3101
Legal Effective Date:	01/01/2002
Land Organization Name:	Caraustar Industries Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5000 Austell Powder Springs Rd
Land City,State,Zip:	Austell, GA 30106
Land Phone Number:	(770)948-3101
Operator Organization Name:	Caraustar Tacoma Paperboard
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	808 E 26th St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)627-1197
Operator Effective Date:	01/01/2002
Site Contact:	Mark Lindstrom
Site Contact Address:	808 E 26th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)627-1197
Site Contact Email:	mark.lindstrom@caraustar.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

CARAUSTAR (Continued) **S118344775**

Site Contact Address 2: Not reported

H34 SE < 1/8 0.124 mi. 657 ft. **CARAUSTAR**
808 E 26TH ST
TACOMA, WA 98421
Site 2 of 2 in cluster H

RCRA-VSQG **1018282550**
WAH000050232

Relative: Lower
Actual: 19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-05 00:00:00.0
Handler Name:	CARAUSTAR
Handler Address:	808 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000050232
Contact Name:	MIKE TRUSSELL
Contact Address:	808 E 26TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-627-1197
Contact Fax:	Not reported
Contact Email:	MIKE.TRUSSELL@CARAUSTAR.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	808 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CARAUSTAR INDUSTRIES INC
Owner Type:	Private
Operator Name:	CARAUSTAR TACOMA PAPERBOARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

CARAUSTAR (Continued) **1018282550**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported

CARAUSTAR (Continued) **1018282550**

Date Ended Current:	Not reported
Owner/Operator Address:	5000 ANSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	ANSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 ANSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	ANSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

CARAUSTAR (Continued) **1018282550**

Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR TACOMA PAPERBOARD
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	808 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-627-1197
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CARAUSTAR (Continued) **1018282550**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-01-27 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-23 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-10-04 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

CARAUSTAR (Continued) **1018282550**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-14 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-18 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-05 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322130
NAICS Description:	PAPERBOARD MILLS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards

CARAUSTAR (Continued) **1018282550**

Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

CARAUSTAR (Continued) **1018282550**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management

CARAUSTAR (Continued) **1018282550**

Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

CARAUSTAR (Continued) **1018282550**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0

CARAUSTAR (Continued) **1018282550**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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35 **TACOMA TRESTLE TRACK & SIGNAL PROJECT** **WA CSCSL** **S123248437**
East **824 E 25TH STREET** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA ASBESTOS**
0.128 mi.
675 ft.

Relative:
Lower

Actual:
19 ft.

CSCSL:

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Facility Id:	8199

ASBESTOS:

Name:	Not reported
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	131127#1539491407
Notice Date:	10/04/2018
Start Date:	10/15/2018
Completion Date:	11/21/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	DICKSON COMPANY (TACOMA) (ABCN00001008)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278045472
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jacob Kuhnel (ABAS00035391) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

I36 ENE 1/8-1/4 0.132 mi. 698 ft. — **MENDEZ PROPERTY, 910 PUYALLUP AVE, TACOMA, WA 98421** — **WA VCP** — **S124435106, N/A**

Site 1 of 2 in cluster I

Relative: Lower
Actual: 19 ft.

VCP:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	59632952
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6355
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	59632952
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6355
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

I37 ENE 1/8-1/4 0.132 mi. 698 ft. — **MENDEZ PROPERTY, 910 PUYALLUP AVE, TACOMA, WA 98421** — **WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES** — **U003604945, N/A**

Site 2 of 2 in cluster I

Relative: Lower
Actual: 19 ft.

CSCSL:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Region:	Southwest
Lat/Long:	47.241175469734 / -122.4214483617
Clean Up Siteid:	6355
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	MORK INVESTMENT PROPERTY

MENDEZ PROPERTY (Continued) **U003604945**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MENDEZ PROPERTY
Address: 910 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 59632952
Region: Southwest
Lat/Long: 47.241175469734 / -122.4214483617
Clean Up Siteid: 6355
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: MORK INVESTMENT PROPERTY
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: MENDEZ PROPERTY
Address: 910 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 59632952
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6355
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: MORK INVESTMENT PROPERTY
Response Section: Southwest
Release Date: 02/06/1998
Lust Date: 05/21/2003
Region: Southwest
Lust ID: 5319
UST ID: 502682
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

MENDEZ PROPERTY (Continued) **U003604945**

Lat/Long:	47.2411754 / -122.42144

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6355
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	MORK INVESTMENT PROPERTY
Response Section:	Southwest
Release Date:	02/06/1998
Lust Date:	05/21/2003
Region:	Southwest
Lust ID:	5319
UST ID:	502682
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2411754 / -122.42144

UST:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	59632952
Site Id:	502682
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2411754697342
Decimal Longitude:	-122.421448361763

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

MENDEZ PROPERTY (Continued) **U003604945**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported

MENDEZ PROPERTY (Continued) **U003604945**

Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900

MENDEZ PROPERTY (Continued) **U003604945**

Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	02/06/98
Contaminants Found at Site:	Petroleum products

MENDEZ PROPERTY (Continued) **U003604945**

Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/27/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-29
County Code: 27
Contact: Not reported
Report Title: Independent Remedial Action Report

ALLSITES:
Name: MENDEZ PROPERTY
Facility Id: 59632952

38
South
1/8-1/4
0.140 mi.
739 ft.

PUGET SOUND METAL
2607 EAST G ST
TACOMA, WA 98421

WA ALLSITES FINDS **1011975226** **N/A**

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: PUGET SOUND METAL
Facility Id: 9147902

FINDS:
Registry ID: 110038118658

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

39 SSW 1/8-1/4 0.144 mi. 758 ft. | **DON ENGLE DISTRIBUTING INC**
2601 E F ST
TACOMA, WA 98421 | **WA UST** | **U003356078**
WA ALLSITES | **N/A**

Relative: Higher

Actual: 66 ft.

UST:

Name:	DON ENGLE DISTRIBUTING INC
Address:	2601 E F ST
City:	TACOMA
Zip:	98421
Facility ID:	75382517
Site Id:	9917
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238101
Decimal Longitude:	-122.426724
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1965
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	DON ENGLE DISTRIBUTING INC
Address:	2601 E F ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1965
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

DON ENGLE DISTRIBUTING INC (Continued) **U003356078**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DON ENGLE DISTRIBUTING INC
Facility Id:	75382517

J40 WNW 1/8-1/4 0.147 mi. 774 ft. **JOHNSON STONE COUNTERTOP** **WA ALLSITES** **S109824363**
523 PUYALLUP AVE **N/A**
TACOMA, WA 98421

Site 1 of 2 in cluster J

Relative: Higher
Actual: 23 ft.

ALLSITES:

Name:	JOHNSON STONE COUNTERTOP
Facility Id:	11685

J41 WNW 1/8-1/4 0.157 mi. 830 ft. **SOUTH SOUND RADIATOR** **WA HSL** **S108277197**
509 PUYALLUP AVE **WA CSCSL** **N/A**
TACOMA, WA 98421 **WA ALLSITES**

Site 2 of 2 in cluster J

Relative: Higher
Actual: 25 ft.

HSL:

Name:	SOUTH SOUND RADIATOR
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	8785404
Rank:	2
Region:	SW
EDR Link ID:	8785404
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

SOUTH SOUND RADIATOR (Continued) **S108277197**

Name:	SOUTH SOUND RADIATOR
Address:	509 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8785404
Region:	Southwest
Lat/Long:	47.241018008096 / -122.4275156571
Clean Up Siteid:	3600
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUTH SOUND RADIATOR
Address:	509 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8785404
Region:	Southwest
Lat/Long:	47.241018008096 / -122.4275156571
Clean Up Siteid:	3600
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SOUTH SOUND RADIATOR
Facility Id:	8785404

42
ESE
1/8-1/4
0.160 mi.
846 ft.

NEW TACOMA BOX CO
921 E 26TH ST
TACOMA, WA 98421

WA ALLSITES

S110040424
N/A

Relative:
Lower

Actual:
19 ft.

ALLSITES:
Name: NEW TACOMA BOX CO
Facility Id: 13283

K43
East
1/8-1/4
0.162 mi.
855 ft.

PRECISION MACHINE WORKS
925 E 25TH ST
TACOMA, WA 98421

Site 1 of 2 in cluster K

WA ALLSITES
FINDS
ECHO
WA MANIFEST

1011915317
N/A

Relative:
Lower

Actual:
19 ft.

ALLSITES:
Name: PRECISION MACHINE WORKS
Facility Id: 6595720

FINDS:
Registry ID: 110067412669

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1011915317
Registry ID: 110067412669
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067412669
Name: PRECISION MACHINE WORKS
Address: 925 E 25TH ST
City,State,Zip: TACOMA, WA 98421

WA MANIFEST:
Name: PRECISION MACHINE WORKS
Address: 925 E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 6595720
EPA ID: WAH000033558
NAICS: 336413
State Waste Code Desc: Not reported

PRECISION MACHINE WORKS (Continued) **1011915317**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D Industry Drive
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D005, D035, F003, F005
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported

PRECISION MACHINE WORKS (Continued) **1011915317**

Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags contaminated with solvents, sealants
CORb Sequence Number:	127603
Sequence Number:	2495542
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	578
Quanity Unit:	LB
Kilograms Quanity:	262.18080450950987
Density Number:	0
Density Quanity:	Not reported

PRECISION MACHINE WORKS (Continued) **1011915317**

Shipments Send:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	1155427
Shipment Date:	3/31/2010
Mainfest Document ID:	002220060SKS
Reported Quanity:	578
Unit of Measure:	LB
Kilograms Quanity:	262.18080450951
Receiving EPAID:	TXD077603371

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	588606
Received EPAID:	TXD077603371
Managed Quanity:	578
Kilogram Quanity:	262.18080450950987
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Stream EPA Code:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	5419446
WCDA Code:	D001
Waste Sequence Number:	2495542
Sequence Number:	5419448
WCDA Code:	D035
Waste Sequence Number:	2495542
Sequence Number:	5419450
WCDA Code:	F005
Waste Sequence Number:	2495542
Sequence Number:	5419449
WCDA Code:	F003
Waste Sequence Number:	2495542
Sequence Number:	5419447
WCDA Code:	D005

Waste Stream Source Code:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720

PRECISION MACHINE WORKS (Continued) **1011915317**

EPA ID:		WAH000033558
NAICS:		336413
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	F005 D035	
Form Comm:		Not reported
Data Year:		2009
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		278034781
Business Type:		Mfg/Assembly Aircraft Par
Mail Name:		Precision Machine Works
Mailing Address:		925 E 25th St
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Platte River Ventures
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		200 Fillmore St Ste 200
Legal Address 2:		Not reported
Legal City,State,Zip:		Denver, CO 80206
Legal Phone Number:		(303)292-7302
Legal Effective Date:		02/26/2007
Land Organization Name:		Savage Building Materials
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		1001 E 25th St
Land City,State,Zip:		Tacoma, WA 98421
Land Phone Number:		(253)383-1727
Operator Organization Name:		Precision Machine Works
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2024 Puyallup Ave
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)272-5119
Operator Effective Date:		Not reported
Site Contact:		Kevin Peterson
Site Contact Address:		925 E 25th St
Contact City,State,Zip:		Tacoma, WA 98421
Site Contact Phone Number:		(253)722-0507
Site Contact Email:		kpeterson@pmwinc.com
Gen Status Code:		SQG
Monthly Generation:		True

PRECISION MACHINE WORKS (Continued) **1011915317**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007

PRECISION MACHINE WORKS (Continued) **1011915317**

Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

K44 **PRECISION MACHINE WORKS** **RCRA NonGen / NLR** **1015751899**
East **925 E 25TH ST** **WAH000033558**
1/8-1/4 **TACOMA, WA 98421**
0.162 mi.
855 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2012-02-15 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Handler Address:	925 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000033558
Contact Name:	BILL HABENICHT
Contact Address:	PO BOX 2265
Contact City,State,Zip:	KIRKLAND, WA 98083
Contact Telephone:	206-321-4767
Contact Fax:	Not reported
Contact Email:	BILLH@CNW.COM
Contact Title:	CONSULTANT
EPA Region:	10
Land Type:	Private

PRECISION MACHINE WORKS (Continued) **1015751899**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	925 E 25TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PLATTE RIVER VENTURES
Owner Type:	Private
Operator Name:	PRECISION MACHINE WORKS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

PRECISION MACHINE WORKS (Continued) **1015751899**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 16:09:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
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Owner/Operator Email:	Not reported
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VE P
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHI P
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-09 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

PRECISION MACHINE WORKS (Continued) **1015751899**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-18 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-15 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-09-04 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-09 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

PRECISION MACHINE WORKS (Continued) **1015751899**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-18 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

L45 SSE 1/8-1/4 0.167 mi. 881 ft. | **SMURFIT STONE CONTAINER CORP**
817 E 27TH ST
TACOMA, WA 98421
Site 1 of 2 in cluster L

WA HSL
WA CSCSL
WA ALLSITES
WA NPDES

S107566012
N/A

Relative: Lower
Actual: 19 ft.

HSL:

Name:	SMURFIT STONE CONTAINER CORP
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	17167958
Rank:	5
Region:	SW
EDR Link ID:	17167958
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SMURFIT STONE CONTAINER CORP
Address:	817 E 27TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	17167958
Region:	Southwest
Lat/Long:	47.2376 / -122.42568
Clean Up Siteid:	4529
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	CARAUSTAR MILL GROUP INC.,JEFFERSON SMURFIT AKA CONTAINER COR,JEFFERSON SMURFIT CORP TACOMA
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SMURFIT STONE CONTAINER CORP
Facility Id:	17167958

NPDES:

Name:	TACOMA PAPERBOARD EAST 26TH STREET
Address:	817 E 27TH ST -
City,State,Zip:	TACOMA, WA 98421-1908
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019

SMURFIT STONE CONTAINER CORP (Continued) **S107566012**

Latitude:	47.2376
Longitude:	-122.42568
Permit ID:	WAR011523
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

L46
SSE
1/8-1/4
0.167 mi.
881 ft.

SMURFIT STONE CONTAINER CORP **WA VCP** **S124432841**
817 E 27TH ST **N/A**
TACOMA, WA 98421

Site 2 of 2 in cluster L

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	SMURFIT STONE CONTAINER CORP
Address:	817 E 27TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17167958
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	5
Cleanup Siteid:	4529
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Suspected

47
East
1/8-1/4
0.168 mi.
885 ft.

SOUND TRANSIT TACOMA TRESTLE PROJECT **WA CSCSL** **S121442468**
XXX E 25TH ST **WA ALLSITES** **N/A**
TACOMA, WA 98421

Relative:
Lower

Actual:
19 ft.

CSCSL:

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Mercury
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SOUND TRANSIT TACOMA TRESTLE PROJECT
Facility Id: 608568

M48 **MANNA PRO CORP** **WA LUST** **U003353644**
West **518 PUYALLUP AVE** **WA UST** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA ICR**
0.170 mi. **WA ALLSITES**
898 ft. **Site 1 of 5 in cluster M** **WA CSCSL NFA**

Relative:
Higher

Actual:
34 ft.

LUST:
Name: MANNA PRO CORP
Address: 518 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 46689617
Lust Status Type: LUST - NFA
Cleanup Site ID: 9332
Cleanup Unit Type: Not reported
Process Type: Not reported
Cleanup Unit Name: MANNA PRO CO
Response Section: Southwest
Release Date: 01/14/1992
Lust Date: 01/05/2001
Region: Southwest
Lust ID: 1649
UST ID: 1672
Contaminant Name: Petroleum-Other
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24058 / -122.42741

UST:
Name: MANNA PRO CORP
Address: 518 PUYALLUP AVE
City: TACOMA
Zip: 98421
Facility ID: 46689617
Site Id: 1672

MANNA PRO CORP (Continued) **U003353644**

UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24058
Decimal Longitude:	-122.42741

Tank Name:	DIESEL TANK1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	DIESEL TANK2
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported

MANNA PRO CORP (Continued) **U003353644**

Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	GAS TANK 3
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	09/23/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-33
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	01/18/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report

MANNA PRO CORP (Continued) **U003353644**

Site Register Issue: 93-17
County Code: 27
Contact: Not reported
Report Title: Not reported

ALLSITES:
Name: MANNA PRO CO
Facility Id: 46689617

CSCSL NFA:
Name: MANNA PRO CORP
Address: 518 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 46689617
CS Id: 9332
NFA Date: 01/05/2001
Alternate Site Names: MANNA PRO CO
NFA Reason: NFA-Ecology Supervised/Conducted Cleanup
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Other
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24058
Longitude: -122.42741

M49 **ALL TRANSMISSIONS PINE ST** **WA ALLSITES** **1000134725**
West **505 PUYALLUP AVE** **RCRA NonGen / NLR** **WAD122389281**
1/8-1/4 **TACOMA, WA 98421** **FINDS**
0.175 mi. **ECHO**
925 ft. **Site 2 of 5 in cluster M**

Relative:
Higher

Actual:
30 ft.

ALLSITES:
Name: ALL TRANSMISSIONS PINE ST
Facility Id: 71491862

RCRA Listings:
Date Form Received by Agency: 1987-03-17 00:00:00.0
Handler Name: ALL TRANSMISSIONS PINE ST
Handler Address: 505 PUYALLUP AVE
Handler City,State,Zip: TACOMA, WA 98421
EPA ID: WAD122389281
Contact Name: ALL TRANSMISSIO ALL TRANSMISSIO
Contact Address: 505 PUYALLUP AVE
Contact City,State,Zip: TACOMA, WA 98421-1318
Contact Telephone: 000-000-0000
Contact Fax: 000-000-0000
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 10
Land Type: Private
Federal Waste Generator Description: Not a generator, verified

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	505 PUYALLUP AVE
Mailing City,State,Zip:	TACOMA, WA 98421-1318
Owner Name:	ALL TRANSMISSIO A
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIONS PINE ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL TRANSMISSIONS PINE ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIO A
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1318
Owner/Operator Telephone:	000-000-0000

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL TRANSMISSIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1318
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-06-14 00:00:00.0

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005331293

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000134725
Registry ID:	110005331293
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005331293
Name:	ALL TRANSMISSIONS PINE ST
Address:	505 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

---

50 WNW 1/8-1/4 0.176 mi. 930 ft. | **BNSF TACOMA FUELING FACILITY** | **WA HSL** **S108021688**
1001 PUYALLUP AVE | **WA CSCSL** **N/A**
TACOMA, WA 98421 | **WA ALLSITES**

Relative: Higher
Actual: 22 ft.

HSL:

Name:	BNSF TACOMA FUELING FACILITY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**

BNSF TACOMA FUELING FACILITY (Continued) **S108021688**

Facility Status: Awaiting Cleanup
FSID Number: 7981609
Rank: 5
Region: SW
EDR Link ID: 7981609
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:

Name: BNSF TACOMA FUELING FACILITY
Address: 1001 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 7981609
Region: Southwest
Lat/Long: 47.242278 / -122.426528
Clean Up Siteid: 1634
Site Status: Awaiting Cleanup
Contaminant Name: Benzene
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNSF TACOMA FUELING FACILITY
Address: 1001 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 7981609
Region: Southwest
Lat/Long: 47.242278 / -122.426528
Clean Up Siteid: 1634
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNSF TACOMA FUELING FACILITY
Address: 1001 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 7981609
Region: Southwest

BNSF TACOMA FUELING FACILITY (Continued) **S108021688**

Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF TACOMA FUELING FACILITY
Address:	1001 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	7981609
Region:	Southwest
Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF TACOMA FUELING FACILITY
Facility Id:	7981609

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51 **GOLDEN WEST MOTEL** **WA ALLSITES** **1000838142**
WSW **503 E 26TH** **RCRA NonGen / NLR** **WAD988508651**
1/8-1/4 **TACOMA, WA 98404** **FINDS**
0.177 mi. **ECHO**
932 ft.

Relative:
Higher

Actual:
85 ft.

ALLSITES:

Name:	GOLDEN WEST MOTEL
Facility Id:	62113225

RCRA Listings:

Date Form Received by Agency:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Handler Address:	503 E 26TH

GOLDEN WEST MOTEL (Continued) **1000838142**

Handler City,State,Zip:	TACOMA, WA 98404
EPA ID:	WAD988508651
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2002 E 28TH ST
Mailing City,State,Zip:	TACOMA, WA 98404
Owner Name:	GOLDEN WEST MOTEL
Owner Type:	Private
Operator Name:	GOLDEN WEST MOTEL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

GOLDEN WEST MOTEL (Continued) **1000838142**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000

GOLDEN WEST MOTEL (Continued) **1000838142**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1312
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

GOLDEN WEST MOTEL (Continued) **1000838142**

Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-07-02 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	72111
NAICS Description:	HOTELS (EXCEPT CASINO HOTELS) AND MOTELS

Facility Has Received Notices of Violation:

No Violations Found:

GOLDEN WEST MOTEL (Continued) **1000838142**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005377047

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838142
Registry ID:	110005377047
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005377047
Name:	GOLDEN WEST MOTEL
Address:	503 E 26TH
City,State,Zip:	TACOMA, WA 98404

M52 **LEGACY RENOVATIONS** **WA ALLSITES** **S109823906**
West **511 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.178 mi.
938 ft. **Site 3 of 5 in cluster M**

Relative:
Higher

Actual:
32 ft.

ALLSITES:

Name:	LEGACY RENOVATIONS
Facility Id:	20621

M53 **DISCOVERY** **WA UST** **U003604942**
West **502 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98402**
0.181 mi.
958 ft. **Site 4 of 5 in cluster M**

Relative:
Higher

Actual:
35 ft.

UST:

Name:	DISCOVERY
Address:	502 PUYALLUP AVE
City:	TACOMA
Zip:	98402
Facility ID:	31649744
Site Id:	502627
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2405701248922
Decimal Longitude:	-122.427764174835

DISCOVERY (Continued) **U003604942**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DISCOVERY
Facility Id:	31649744

M54 **TACOMA DOME STATION** **WA ALLSITES** **S101189816**
West **500 PUYALLUP AVE** **WA CSCSL NFA** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.183 mi.
965 ft. **Site 5 of 5 in cluster M**

Relative:
Higher

Actual:
35 ft.

ALLSITES:

Name:	TACOMA DOME STATION
Facility Id:	1266

CSCSL NFA:

Name:	TACOMA DOME STATION
Address:	500 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1266
CS Id:	3765
NFA Date:	01/03/2001
Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported

TACOMA DOME STATION (Continued) **S101189816**

Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24052
Longitude:	-122.42745

55
East
1/8-1/4
0.198 mi.
1044 ft.

SAVAGE WHOLESALE
1001 E 25TH ST
TACOMA, WA 98421

WA ALLSITES **S109824409**
N/A

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	SAVAGE WHOLESALE
Facility Id:	1747

56
ESE
1/8-1/4
0.204 mi.
1078 ft.

HOLROYD CO TACOMA PLANT 3 & 4
26TH & J ST E
TACOMA, WA 98421

WA ALLSITES
WA NPDES **S110037398**
N/A

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	HOLROYD CO TACOMA PLANT 3 & 4
Facility Id:	14812

NPDES:

Name:	HOLROYD CO TACOMA PLANT 3 & 4
Address:	26TH & J ST E
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Southwest
Date Issued:	02/17/2016
Latitude:	47.23951000
Longitude:	-122.4196
Permit ID:	WAG501027
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Chris Johnson
WRIA:	Puyallup-White
Permit Expiration Date:	03/31/2021
Effective Date:	04/01/2016
Days to Expiration:	-261

57 WSW 1/8-1/4 0.205 mi. 1080 ft. | **AIRSPARES 415 E 25TH ST TACOMA, WA 98421** | **WA ALLSITES RCRA NonGen / NLR FINDS ECHO** | **1000838849 WAD988516530**

Relative: Higher

Actual: 49 ft.

ALLSITES:

Name:	AIRSPARES
Facility Id:	39438729

RCRA Listings:

Date Form Received by Agency:	2000-06-07 00:00:00.0
Handler Name:	AIRSPARES
Handler Address:	415 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988516530
Contact Name:	KEN POWELL
Contact Address:	2617 EAST L STREET
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-383-0800
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2617 EAST L STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	ST INVESTMENTS
Owner Type:	Private
Operator Name:	AIRSPARES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

AIRSPARES (Continued) **1000838849**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 15:07:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800

AIRSPARES (Continued) **1000838849**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

AIRSPARES (Continued) **1000838849**

Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES

AIRSPARES (Continued) **1000838849**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-06-06 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AIRSPARES (Continued) **1000838849**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-20 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-06-07 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-07 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-20 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-06-06 00:00:00.0
Handler Name:	AIRSPARES

AIRSPARES (Continued) **1000838849**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42386
NAICS Description:	TRANSPORTATION EQUIPMENT AND SUPPLIES (EXCEPT MOTOR VEHICLE) MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

AIRSPARES (Continued) **1000838849**

Evaluation Action Summary:

Evaluation Date:	1994-07-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005383094

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838849
Registry ID:	110005383094
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005383094
Name:	AIRSPARES
Address:	415 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

N58 **INDUSTRIAL TIRE SERVICE ITS** **WA VCP** **S124433874**
West **423 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.208 mi.
1099 ft. **Site 1 of 4 in cluster N**

Relative:
Higher

Actual:
30 ft.

VCP:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3291385
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported

INDUSTRIAL TIRE SERVICE ITS (Continued) **S124433874**

Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Non-Halogenated Solvents
Soil: Confirmed Above Cleanup Levels

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316

INDUSTRIAL TIRE SERVICE ITS (Continued) **S124433874**

Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

N59 West 1/8-1/4 0.208 mi. 1099 ft. | **CLEVINGER TRUCK SERVICE**
423 PUYALLUP AVE
TACOMA, WA 98421

Site 2 of 4 in cluster N

WA HSL **U003354664**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES

Relative: Higher

Actual: 30 ft.

HSL:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	3291385
Rank:	2
Region:	SW
EDR Link ID:	3291385
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Region:	Southwest
Lat/Long:	47.24103795074 / -122.428393606
Clean Up Siteid:	5316
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	CLEVINGER TRUCK SERVICE
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Region:	Southwest
Lat/Long:	47.24103795074 / -122.428393606
Clean Up Siteid:	5316
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385
Region: Southwest
Lat/Long: 47.24103795074 / -122.428393606
Clean Up Siteid: 5316
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385
Region: Southwest
Lat/Long: 47.24103795074 / -122.428393606
Clean Up Siteid: 5316
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

LUST:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

UST:

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	3291385
Site Id:	4874
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24103795074
Decimal Longitude:	-122.428393606

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1961

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1961
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1968
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1974
Tank Closure Date:	07/29/2008
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	7
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	8
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	INDUSTRIAL TIRE SERVICE ITS
Facility Id:	3291385

N60 **PACIFIC CHARTER SCHOOL** **WA UST** **U004248548**
WNW **2300 EAST E ST** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.209 mi.
1102 ft. **Site 3 of 4 in cluster N**

Relative:
Higher

Actual:
26 ft.

UST:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City:	TACOMA
Zip:	98421
Facility ID:	1893
Site Id:	620249
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2413193691787
Decimal Longitude:	-122.428379009514

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/21/2015
Tank Install Date:	Not reported
Tank Closure Date:	10/28/2015
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported

PACIFIC CHARTER SCHOOL (Continued) **U004248548**

Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

N61 WNW 1/8-1/4 0.209 mi. 1102 ft. **PACIFIC CHARTER SCHOOL** **WA LUST** **S121969951**
2300 EAST E ST **WA ALLSITES** **N/A**
TACOMA, WA 98421 **WA CSCSL NFA**

Site 4 of 4 in cluster N

Relative: Higher

Actual: 26 ft.

LUST:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1893
Lust Status Type:	LUST - NFA
Cleanup Site ID:	14981
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/22/2015
Lust Date:	05/20/2019
Region:	Southwest
Lust ID:	8097
UST ID:	620249
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2413193 / -122.42837

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1893
Lust Status Type:	LUST - NFA
Cleanup Site ID:	14981
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/22/2015
Lust Date:	05/20/2019
Region:	Southwest
Lust ID:	8097
UST ID:	620249
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported

PACIFIC CHARTER SCHOOL (Continued) **S121969951**

Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2413193 / -122.42837

ALLSITES:

Name:	PACIFIC CHARTER SCHOOL
Facility Id:	1893

CSCSL NFA:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1893
CS Id:	14981
NFA Date:	05/20/2019
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241319369
Longitude:	-122.42837901

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1893
CS Id:	14981
NFA Date:	05/20/2019
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241319369
Longitude:	-122.42837901

62
West
1/8-1/4
0.218 mi.
1149 ft.

BULLS EYE SUPPLY
414 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES

S109824388
N/A

Relative:
Higher

Actual:
39 ft.

ALLSITES:

Name:	BULLS EYE INDOOR RANGE
Facility Id:	19339
Name:	BULLS EYE SUPPLY
Facility Id:	11329

63
West
1/8-1/4
0.235 mi.
1241 ft.

F & E INVESTMENTS
401 EA 25 ST
TACOMA, WA 98421

WA UST
WA ALLSITES

U003355577
N/A

Relative:
Higher

Actual:
48 ft.

UST:

Name:	F & E INVESTMENTS
Address:	401 EA 25 ST
City:	TACOMA
Zip:	98421
Facility ID:	99973128
Site Id:	8296
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239231
Decimal Longitude:	-122.430044
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	05/15/1992
Tank Install Date:	12/31/1964
Tank Closure Date:	02/07/2020
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

F & E INVESTMENTS (Continued) **U003355577**

Name: F & E INVESTMENTS
Facility Id: 99973128

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64 WSW 1/8-1/4 0.236 mi. 1247 ft.

INDUSTRIAL PARTS FRICTIONS I
409 E 26TH ST
TACOMA, WA 98421

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

1000428550
WAD027540384

Relative: Higher

Actual: 70 ft.

ALLSITES:
Name: INDUSTRIAL PARTS FRICTIONS I
Facility Id: 99982525

RCRA Listings:

Date Form Received by Agency:	1989-04-22 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Handler Address:	409 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD027540384
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	409 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	INDUSTRIAL PARTS FRICTIONS
Owner Type:	Private
Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1389
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-04-21 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-04-22 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1989-04-21 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32311
NAICS Description:	PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005264212

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000428550
Registry ID:	110005264212
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264212
Name:	INDUSTRIAL PARTS FRICTIONS I
Address:	409 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

O65 **SALVATION ARMY ARC** **RCRA NonGen / NLR** **1000660274**
West **409 PUYALLUP AVE** **FINDS** **WAD988499570**
1/8-1/4 **TACOMA, WA 98421** **ECHO**
0.238 mi. **WA ASBESTOS**
1258 ft. **Site 1 of 3 in cluster O**

Relative:
Higher

Actual:
32 ft.

RCRA Listings:

Date Form Received by Agency:	2002-02-15 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Handler Address:	409 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988499570
Contact Name:	SAMUEL SOUTHARD
Contact Address:	1000 4TH AVE S

SALVATION ARMY ARC (Continued) **1000660274**

Contact City,State,Zip:	SEATTLE, WA 98134
Contact Telephone:	206-587-0503
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1000 4TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98134
Owner Name:	SALVATION ARMY
Owner Type:	Private
Operator Name:	SALVATION ARMY ARC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

SALVATION ARMY ARC (Continued) **1000660274**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY S
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-1316
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private

SALVATION ARMY ARC (Continued) **1000660274**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-17 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SALVATION ARMY ARC (Continued) **1000660274**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-15 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-26 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-08 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Receive Date:	2000-12-07 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-17 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45331
NAICS Description:	USED MERCHANDISE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID:	110005370909

SALVATION ARMY ARC (Continued) **1000660274**

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660274
Registry ID:	110005370909
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005370909
Name:	SALVATION ARMY ARC
Address:	409 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

ASBESTOS:

Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94106##1511Rhine618470
Notice Date:	12/11/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712

SALVATION ARMY ARC (Continued) **1000660274**

Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-11 10:23:21
Submitter IP Address:	23.25.140.105

SALVATION ARMY ARC (Continued) **1000660274**

Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94124##1511Rhine637394
Notice Date:	12/11/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-11 15:01:55
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial

SALVATION ARMY ARC (Continued) **1000660274**

Parent ID:	92554
Form ID:	94932##1511Rhine352717
Notice Date:	01/05/2015
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2015-01-05 14:36:39
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94677##1511Rhine440234
Notice Date:	12/29/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1

SALVATION ARMY ARC (Continued) **1000660274**

Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-29 07:58:17
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94628##1511Rhine445448
Notice Date:	12/24/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)

SALVATION ARMY ARC (Continued) **1000660274**

Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-24 11:19:19
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	92858##1511Rhine939310
Notice Date:	11/06/2014
Start Date:	11/10/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Mark Hamper
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1

SALVATION ARMY ARC (Continued) **1000660274**

Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-06 15:21:28
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Mark Hamper ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

SALVATION ARMY ARC (Continued) **1000660274**

Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93152##1511Rhine496697
Notice Date:	11/14/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Eric Baunsgard
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550

SALVATION ARMY ARC (Continued) **1000660274**

Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-14 13:31:48
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	92554##1511Rhine677323
Notice Date:	10/30/2014
Start Date:	11/10/2014
Completion Date:	01/31/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Mark Hamper
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1

SALVATION ARMY ARC (Continued) **1000660274**

Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-10-30 15:15:40
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Mark Hamper ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93639##1511Rhine640929
Notice Date:	11/26/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale

SALVATION ARMY ARC (Continued) **1000660274**

Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-26 13:54:23
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93665##1511Rhine632967
Notice Date:	12/01/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1

SALVATION ARMY ARC (Continued) **1000660274**

Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-01 07:52:52
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square

SALVATION ARMY ARC (Continued) **1000660274**

Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor: Jess Denatale ()
Supervisor Phone: Not reported
Certificate Status: ACTIVE

O66
West
1/8-1/4
0.238 mi.
1258 ft.

SALVATION ARMY ARC
409 PUYALLUP AVE
TACOMA, WA 98421

Site 2 of 3 in cluster O

WA ALLSITES **S121969872**
N/A

Relative:
Higher

Actual:
32 ft.

ALLSITES:
Name: SALVATION ARMY ARC
Facility Id: 12432118

O67
West
1/8-1/4
0.238 mi.
1258 ft.

SALVATION ARMY ARC
409 PUYALLUP AVE
TACOMA, WA 98421

Site 3 of 3 in cluster O

WA UST **U004226470**
N/A

Relative:
Higher

Actual:
32 ft.

UST:
Name: SALVATION ARMY ARC
Address: 409 PUYALLUP AVE
City: TACOMA
Zip: 98421
Facility ID: 12432118
Site Id: 620192
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.24038
Decimal Longitude: -122.42873

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 01/13/2015
Tank Install Date: Not reported
Tank Closure Date: 03/16/2015
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported

SALVATION ARMY ARC (Continued) **U004226470**

Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

68
West
1/8-1/4
0.241 mi.
1273 ft.

ALFREDS CAFE
402 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S109824135**
N/A

Relative:
Higher

Actual:
39 ft.

ALLSITES:
Name: ALFREDS CAFE
Facility Id: 15568

69
West
1/4-1/2
0.256 mi.
1350 ft.

ATLAS TRUCKING INC SPILL
PUYALLUP AVE & D ST
TACOMA, WA 98421

WA ALLSITES **1005445338**
RCRA NonGen / NLR **WAH000016071**

Relative:
Higher

Actual:
34 ft.

ALLSITES:
Name: ATLAS TRUCKING INC SPILL
Facility Id: 32438185

RCRA Listings:

Date Form Received by Agency:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Handler Address:	PUYALLUP AVE & D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000016071
Contact Name:	ATLAS TRUCKING ATLAS TRUCKING
Contact Address:	P O BOX 214
Contact City,State,Zip:	PORT ANGELES, WA 98362
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	P O BOX 214
Mailing City,State,Zip:	PORT ANGELES, WA 98362
Owner Name:	TACOMA CITY T
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:18:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY T
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-10-15 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-16 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-09-14 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-15 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

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70 WNW 1/4-1/2 0.256 mi. 1354 ft. **INDUSTRIAL RUBBER & SUPPLY TACOMA** **WA ALLSITES** **1004793951**
2307 E D ST **RCRA NonGen / NLR** **WAD988475208**
TACOMA, WA 98421 **FINDS**
ECHO

Relative: Higher
Actual: 24 ft.

ALLSITES:

Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Facility Id:	7529359

RCRA Listings:

Date Form Received by Agency:	2002-02-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Handler Address:	2307 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988475208
Contact Name:	RICK STEFFENSEN
Contact Address:	2105 E 51ST
Contact City,State,Zip:	FIFE, WA 98445
Contact Telephone:	253-922-1148
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2105 E 51ST AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	SECURITY CAPITOL
Owner Type:	Private
Operator Name:	STEFFENSEN, RICK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Handler Date of Last Change:	2018-05-09 16:45:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK S
Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1402
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITO S
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-05 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-05-29 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-16 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 315299
NAICS Description: ALL OTHER CUT AND SEW APPAREL MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005354213

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004793951
Registry ID: 110005354213
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005354213
Name: INDUSTRIAL RUBBER & SUPPLY TACOMA
Address: 2307 E D ST
City,State,Zip: TACOMA, WA 98421

71
WSW
1/4-1/2
0.257 mi.
1356 ft.

MYSTIC MOCHA **WA ALLSITES** **S109824783**
402 E 26TH ST **N/A**
TACOMA, WA 98421

Relative:
Higher

Actual:
79 ft.

ALLSITES:
Name: MYSTIC MOCHA
Facility Id: 19140

72 East 1/4-1/2 0.269 mi. 1419 ft.

ECOTEX COMPANY
1115 E 25TH ST
TACOMA, WA 98421

WA ALLSITES
WA SPILLS

S107487446
N/A

Relative: Higher

Actual: 21 ft.

ALLSITES:

Name:	ECOTEX COMPANY
Facility Id:	32841

SPILLS:

Name:	ECOTEX COMPANY
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	105291
Medium:	Building/structure
Material Desc:	Chemical
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/09/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24118
Longitude:	-122.41759
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Chemical Mixture at Healthcare Laundry, Tacoma
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	ECOTEX COMPANY
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	105291
Medium:	Building/structure
Material Desc:	Chemical
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/09/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24118
Longitude:	-122.41759
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

ECOTEX COMPANY (Continued) **S107487446**

Name:	HEALTHCARE LAUNDRY SERVICES
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	543900
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	10/05/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

73
West
1/4-1/2
0.270 mi.
1427 ft.

CASCADE FRICTION MATERIALS
314 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S109824356**
N/A

Relative:
Higher

Actual:
39 ft.

ALLSITES:

Name:	CASCADE FRICTION MATERIALS
Facility Id:	7003

74
West
1/4-1/2
0.273 mi.
1439 ft.

JOHNNYS FINE FOOD
319 E 25TH ST
TACOMA, WA 98421

WA ALLSITES **S110036432**
N/A

Relative:
Higher

Actual:
48 ft.

ALLSITES:

Name:	JOHNNYS FINE FOOD
Facility Id:	10734

75
North
1/4-1/2
0.275 mi.
1452 ft.

LRI LONG HAUL INTERMODAL
1941 E D ST
TACOMA, WA 98421

WA ALLSITES **S117450462**
WA NPDES **N/A**

Relative:
Lower

Actual:
16 ft.

ALLSITES:

Name:	LRI LONG HAUL INTERMODAL
Facility Id:	5172

LRI LONG HAUL INTERMODAL (Continued) **S117450462**

NPDES:

Name:	LRI LONG HAUL INTERMODAL
Address:	1941 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR302663
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

P76 **MELODY MEATS** **WA ALLSITES** **S109824565**
WSW **323 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.276 mi.
1456 ft. **Site 1 of 3 in cluster P**

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	GARY W JOHNSON
Facility Id:	14281979
Name:	MELODY MEATS
Facility Id:	24527

Q77 **BNRR TACOMA YARD PARCEL 2071260010** **WA CSCSL** **S103398251**
NW **21ST ST & S D ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.278 mi.
1470 ft. **Site 1 of 3 in cluster Q**

Relative:
Lower

Actual:
15 ft.

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 2073230010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	94957214
Region:	Southwest
Lat/Long:	47.243385 / -122.429452
Clean Up Siteid:	4081
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2073230010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	94957214
Region:	Southwest
Lat/Long:	47.243385 / -122.429452
Clean Up Siteid:	4081
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2073230010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	94957214
Region:	Southwest
Lat/Long:	47.243385 / -122.429452
Clean Up Siteid:	4081
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2071260010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81267111
Region:	Southwest
Lat/Long:	47.243388 / -122.429449
Clean Up Siteid:	4323

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Site Status: Cleanup Started
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 2071260010
Facility Id: 81267111

Name: BNRR TACOMA YARD PARCEL 2073230010
Facility Id: 94957214

Q78 **BNRR TACOMA YARD PARCEL 8950001730** **WA HSL** **S103822635**
NW **21ST ST & S D ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.278 mi.
1470 ft. **Site 2 of 3 in cluster Q**

Relative:
Lower

Actual:
15 ft.

HSL:
Name: BNRR TACOMA YARD PARCEL 8950001730
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 1267
Rank: 3
Region: SW
EDR Link ID: 1267
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: BNRR TACOMA YARD PARCEL 8950001730
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402

BNRR TACOMA YARD PARCEL 8950001730 (Continued) **S103822635**

Facility ID:	1267
Region:	Southwest
Lat/Long:	47.24228 / -122.42978
Clean Up Siteid:	3554
Site Status:	Cleanup Started
Contaminant Name:	Base/Neutral/Acid Organics
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 8950001730
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1267
Region:	Southwest
Lat/Long:	47.24228 / -122.42978
Clean Up Siteid:	3554
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 8950001730
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1267
Region:	Southwest
Lat/Long:	47.24228 / -122.42978
Clean Up Siteid:	3554
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported

BNRR TACOMA YARD PARCEL 8950001730 (Continued) **S103822635**

Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 8950001730
Facility Id: 1267

Q79
NW
1/4-1/2
0.278 mi.
1470 ft.

BNRR TACOMA YARD PARCEL 4715023590 **WA HSL** **S103822634**
21ST ST & S D ST **WA CSCSL** **N/A**
TACOMA, WA 98402 **WA ALLSITES**

Site 3 of 3 in cluster Q

Relative:
Lower

Actual:
15 ft.

HSL:
Name: BNRR TACOMA YARD PARCEL 4715023590
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 3466912
Rank: 3
Region: SW
EDR Link ID: 3466912
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: BNRR TACOMA YARD PARCEL 4715023590
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 3466912
Region: Southwest
Lat/Long: 47.24338 / -122.429446
Clean Up Siteid: 458
Site Status: Awaiting Cleanup
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 4715023590
Address: 21ST ST & S D ST

BNRR TACOMA YARD PARCEL 4715023590 (Continued) **S103822634**

City,State,Zip:	TACOMA, WA 98402
Facility ID:	3466912
Region:	Southwest
Lat/Long:	47.24338 / -122.429446
Clean Up Siteid:	458
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNRR TACOMA YARD PARCEL 4715023590
Facility Id:	3466912

P80 **SME SOLUTIONS** **WA ALLSITES** **S109824258**
WSW **313 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.290 mi.
1532 ft. **Site 2 of 3 in cluster P**

Relative:
Higher
Actual:
69 ft.

ALLSITES:

Name:	SME SOLUTIONS
Facility Id:	3722

P81 **SME CORP** **WA ALLSITES** **1000659001**
WSW **311 E 26TH ST** **RCRA NonGen / NLR** **WAD988486635**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.292 mi. **ECHO**
1541 ft. **Site 3 of 3 in cluster P** **WA MANIFEST**

Relative:
Higher
Actual:
68 ft.

ALLSITES:

Name:	SME CORP
Facility Id:	82577212

RCRA Listings:

Date Form Received by Agency:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Handler Address:	311 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988486635
Contact Name:	MARK VIGIL
Contact Address:	2302 A ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-572-3822
Contact Fax:	Not reported

SME CORP (Continued) **1000659001**

Contact Email:	MARKV@SME-SOLUTIONS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2302 A ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	SME CORP
Owner Type:	Private
Operator Name:	HODGES, JOSH
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

SME CORP (Continued) **1000659001**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-04 15:30:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH H
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DONALD K RUTH
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH HODGES
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

SME CORP (Continued) **1000659001**

Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAMES LITTLE
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP S
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH, DON K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SME CORP (Continued) **1000659001**

Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH HODGES
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SME CORP (Continued) **1000659001**

Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH, DON K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SME CORP (Continued) **1000659001**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-05-29 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-12-29 00:00:00.0

SME CORP (Continued) **1000659001**

Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-25 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-20 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-04 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-04 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SME CORP (Continued) **1000659001**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-18 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-15 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SME CORP (Continued) **1000659001**

Electronic Manifest Broker:	Not reported
Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-04-15 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified

SME CORP (Continued) **1000659001**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SME CORP.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-02-25 00:00:00.0
Handler Name:	SME CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23599
NAICS Description:	ALL OTHER SPECIAL TRADE CONTRACTORS

NAICS Code:	23829
NAICS Description:	OTHER BUILDING EQUIPMENT CONTRACTORS

NAICS Code:	238290

SME CORP (Continued) **1000659001**

NAICS Description: OTHER BUILDING EQUIPMENT CONTRACTORS

NAICS Code: 56172
NAICS Description: JANITORIAL SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-12-01 00:00:00.0
Enforcement Identifier:	01
Date of Enforcement Action:	1995-12-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1996-01-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1996-01-01 00:00:00.0
Enforcement Identifier:	01
Date of Enforcement Action:	1995-12-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0

SME CORP (Continued) **1000659001**

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Scheduled Compliance Date:	1995-12-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1996-01-01 00:00:00.0
Scheduled Compliance Date:	1996-01-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005361063

SME CORP (Continued) **1000659001**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000659001
Registry ID:	110005361063
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005361063
Name:	SME CORP
Address:	311 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	SME CORP
Address:	311 E 26TH ST
City,State,Zip:	TACOMA, WA 98421-1308
Facility Address 2:	Not reported
Facility ID:	82577212
EPA ID:	WAD988486635
NAICS:	238290
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

SME CORP (Continued) **1000659001**

Tax Reg #:	600025932
Business Type:	Service Station Maintenan
Mail Name:	SME Corp
Mailing Address:	2302 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-2912
Legal Organization Name:	SME Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2302 A ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-2912
Legal Phone Number:	(253)572-3822
Legal Effective Date:	04/16/1997
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Donald K Ruth
Land Address:	2302 A ST
Land City,State,Zip:	TACOMA, WA 98402-2912
Land Phone Number:	(253)572-3822
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Josh Hodges
Operator Address:	2302 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-2912
Operator Phone Number:	(253)572-3822
Operator Effective Date:	04/16/1997
Site Contact:	Josh Hodges
Site Contact Address:	2302 A ST
Contact City,State,Zip:	TACOMA, WA 98402-2912
Site Contact Phone Number:	253572-3822
Site Contact Email:	joshh@smecorp.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	True
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

82
ENE
1/4-1/2
0.299 mi.
1578 ft.

DAIRY QUEEN
1112 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES

S109824631
N/A

Relative:
Higher

Actual:
23 ft.

ALLSITES:
Name: DAIRY QUEEN
Facility Id: 14648

R83
West
1/4-1/2
0.301 mi.
1587 ft.

TACOMA BIKE
309 PUYALLUP AVE
TACOMA, WA 98421

Site 1 of 2 in cluster R

WA ALLSITES

S109824525
N/A

Relative:
Higher

Actual:
30 ft.

ALLSITES:
Name: TACOMA BIKE
Facility Id: 21699

S84
ENE
1/4-1/2
0.301 mi.
1588 ft.

WP FULLER PROPERTY
1109 PUYALLUP AVE
TACOMA, WA 98421

Site 1 of 2 in cluster S

WA ALLSITES
WA CSCSL NFA

S112339114
N/A

Relative:
Higher

Actual:
21 ft.

ALLSITES:
Name: WP FULLER PROPERTY FORMER
Facility Id: 16761

CSCSL NFA:
Name: WP FULLER PROPERTY
Address: 1109 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 16761
CS Id: 12038
NFA Date: 09/05/2013
Alternate Site Names: WP FULLER PROPERTY FORMER
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.242005206
Longitude: -122.41866151

S85 ENE 1/4-1/2 0.301 mi. 1588 ft. — **WP FULLER PROPERTY**, **1109 PUYALLUP AVE**, **TACOMA, WA 98421** — **WA VCP** — **S124432814** / **N/A**

Site 2 of 2 in cluster S

Relative: Higher
Actual: 21 ft.

VCP:

Name:	WP FULLER PROPERTY
Address:	1109 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	16761
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2013-09-05
Rank:	Not reported
Cleanup Siteid:	12038
Contaminant Name:	Petroleum-Gasoline
Soil:	Remediated-Below

T86 WSW 1/4-1/2 0.306 mi. 1617 ft. — **EDGE TECHNOLOGIES**, **314 E 26TH ST**, **TACOMA, WA 98421** — **WA ALLSITES** — **S109823890** / **N/A**

Site 1 of 3 in cluster T

Relative: Higher
Actual: 72 ft.

ALLSITES:

Name:	EDGE TECHNOLOGIES
Facility Id:	21372

T87 WSW 1/4-1/2 0.306 mi. 1617 ft. — **TOD DRESSEL PRIVATE HOME**, **306 308 314 E 26TH STREET**, **TACOMA, WA 98421** — **WA ALLSITES**, **WA CSCSL NFA**, **WA MANIFEST** — **S111769901** / **N/A**

Site 2 of 3 in cluster T

Relative: Higher
Actual: 72 ft.

ALLSITES:

Name:	DRESSEL PROPERTY
Facility Id:	22853

CSCSL NFA:

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Remediated-Below

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Mercury
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

WA MANIFEST:

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

T88 **DRESSEL PROPERTY** **WA VCP** **S124433282**
WSW **306 308 314 E 26TH STREET** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.306 mi.
1617 ft. **Site 3 of 3 in cluster T**

Relative:
Higher

Actual:
72 ft.

VCP:

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Arsenic
Soil:	Not reported

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported

DRESSEL PROPERTY (Continued) **S124433282**

Cleanup Siteid: 11844
Contaminant Name: Lead
Soil: Remediated-Below

Name: DRESSEL PROPERTY
Address: 306 308 314 E 26TH STREET
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 22853
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2017-07-26
Rank: Not reported
Cleanup Siteid: 11844
Contaminant Name: Mercury
Soil: Not reported

89
East
1/4-1/2
0.310 mi.
1636 ft.

REP ELELCTRIC INC
1121 E 26TH ST
TACOMA, WA 98421

WA ALLSITES **S109824018**
N/A

Relative:
Higher

Actual:
55 ft.

ALLSITES:
Name: REP ELELCTRIC INC
Facility Id: 4793

U90
WNW
1/4-1/2
0.311 mi.
1641 ft.

BERG SCAFFOLDING CO
2130 E D ST
TACOMA, WA 98421

Site 1 of 5 in cluster U

WA UST **U004051479**
WA ALLSITES **N/A**
WA NPDES

Relative:
Lower

Actual:
16 ft.

UST:
Name: BERG SCAFFOLDING CO
Address: 2130 E D ST
City: TACOMA
Zip: 98421
Facility ID: 8525915
Site Id: 619221
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.243009
Decimal Longitude: -122.430162

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/17/2006
Tank Install Date: Not reported
Tank Closure Date: 09/11/2006

BERG SCAFFOLDING CO (Continued) **U004051479**

Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BERG SCAFFOLDING CO
Facility Id:	8525915

NPDES:

Name:	BERG SCAFFOLDING
Address:	2130 EAST D ST -
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24300900
Longitude:	-122.430162
Permit ID:	WAR011734
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

U91 **BRLF-06: AMERICAN PLATING** **US BROWNFIELDS** **1023619239**
WNW **2130 EAST D STREET** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.311 mi.
1641 ft. **Site 2 of 5 in cluster U**

Relative:
Lower

Actual:
16 ft.

US BROWNFIELDS:

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Tacoma, City of
Grant Type:	Assessment

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	86601
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	527000
Cleanup Funding Source:	TIF Bond
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	Local Funding
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

	buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55
Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	200000
Cleanup Funding Source:	Washington Department of Commerce
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	Brownfields RLF Program Income Subgranted
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	300000
Cleanup Funding Source:	Ecology Remedial Action Grant
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

FINDS:
Registry ID: 110070068588

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

U92 **AMERICAN PLATING** **CORRACTS** **1000360944**
WNW **2110 E D ST** **WA INST CONTROL** **WAD083350231**
1/4-1/2 **TACOMA, WA 98421** **WA BROWNFIELDS**
0.312 mi. **WA ALLSITES**
1645 ft. **Site 3 of 5 in cluster U** **WA CSCSL NFA**
RCRA NonGen / NLR
Relative: Lower **RAATS**
ICIS
Actual: 16 ft. **FINDS**
ECHO
WA MANIFEST

CORRACTS:

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY

AMERICAN PLATING (Continued) **1000360944**

Corrective Action: CA010
Actual Date: 1994-06-01 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA050RF
Actual Date: 1994-07-21 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA075ME
Actual Date: 1991-09-04 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA210OT
Actual Date: 1995-09-30 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA225IN
Actual Date: 1991-12-18 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA210OT
Actual Date: 1997-07-01 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA725IN
Actual Date: 1997-09-11 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA750IN
Actual Date: 1997-09-11 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA075HI
Actual Date: 1992-05-07 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA225YE
Actual Date: 1994-07-21 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Click this hyperlink while viewing on your computer to access additional CORRACTS: detail in the EDR Site Report.

INST CONTROL:
Name: AMERICAN PLATING
Address: 2110 E D ST
City,State,Zip: TACOMA, WA 98421
Facility Site ID: 1202

AMERICAN PLATING (Continued) **1000360944**

Latitude:	47.24325117
Longitude:	-122.43075582
Instrument Type:	Environmental Covenant
NFA Date:	06/30/2015
County Filing # For Individual IC Doc:	N/A
Filing Date Of Individual IC Doc:	11/04/2003
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001761
Control Active:	True
CS ID:	2539
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1202
Latitude:	47.24325117
Longitude:	-122.43075582
Instrument Type:	Environmental Covenant
NFA Date:	06/30/2015
County Filing # For Individual IC Doc:	2.0141028036e+011
Filing Date Of Individual IC Doc:	10/28/2014
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001761
Control Active:	True
CS ID:	2539
Region:	Southwest
Responsible Unit:	Southwest

AMERICAN PLATING (Continued) **1000360944**

Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

BROWNFIELDS:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facilty ID:	1202
Rank:	2
Cleanup Site Id:	2539
Facility Status:	NFA
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	1.75
Contaminant Type:	Halogenated Organics
Public Funding Amt:	$80,000.00
Habitat Restoration:	False
Latitude:	47.243251170107
Longitude:	-122.430755820429
Ground Water:	Remediated-Below
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facilty ID:	1202
Rank:	2
Cleanup Site Id:	2539
Facility Status:	NFA
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	1.75
Contaminant Type:	Metals Priority Pollutants
Public Funding Amt:	$80,000.00
Habitat Restoration:	False
Latitude:	47.243251170107
Longitude:	-122.430755820429
Ground Water:	Remediated-Above
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Above
Sediment:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Air: Below Cleanup Levels
Bedrock: Not reported

ALLSITES:
Name: AMERICAN PLATING
Facility Id: 1202

CSCSL NFA:
Name: AMERICAN PLATING
Address: 2110 E D ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 1202
CS Id: 2539
NFA Date: 06/30/2015
Alternate Site Names: Not reported
NFA Reason: NFA-Ecology Supervised/Conducted Cleanup
Site Status: NFA
Region: Southwest
Contaminant Name: Halogenated Organics
Ground Water: Remediated-Below
Surface Water: Below Cleanup Levels
Soil: Remediated-Below
Sediment: Not reported
Air: Below Cleanup Levels
Bedrock: Not reported
Latitude: 47.24325117
Longitude: -122.43075582

Name: AMERICAN PLATING
Address: 2110 E D ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 1202
CS Id: 2539
NFA Date: 06/30/2015
Alternate Site Names: Not reported
NFA Reason: NFA-Ecology Supervised/Conducted Cleanup
Site Status: NFA
Region: Southwest
Contaminant Name: Metals Priority Pollutants
Ground Water: Remediated-Above
Surface Water: Below Cleanup Levels
Soil: Remediated-Above
Sediment: Not reported
Air: Below Cleanup Levels
Bedrock: Not reported
Latitude: 47.24325117
Longitude: -122.43075582

RCRA Listings:
Date Form Received by Agency: 2014-01-08 00:00:00.0
Handler Name: AMERICAN PLATING
Handler Address: 2110 E D ST
Handler City,State,Zip: TACOMA, WA 98421
EPA ID: WAD083350231
Contact Name: MARV COLEMAN
Contact Address: PO BOX 47775

AMERICAN PLATING (Continued) **1000360944**

Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-407-6259
Contact Fax:	Not reported
Contact Email:	MCOL461@ECY.WA.GOV
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Owner Type:	Private
Operator Name:	COLEMAN, MARV
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No

AMERICAN PLATING (Continued) **1000360944**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:38:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-16 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-11-15 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

AMERICAN PLATING (Continued) **1000360944**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-06-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-21 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-06-27 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

AMERICAN PLATING (Continued) **1000360944**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-06-03 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-19 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-20 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-28 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

AMERICAN PLATING (Continued) **1000360944**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-11-15 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-16 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-26 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-07 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-13 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-05-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-03-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-13 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-04-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-03-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-28 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER

AMERICAN PLATING (Continued) **1000360944**

Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Evaluation Action Summary:

Evaluation Date:	1994-06-30 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAWDA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-01-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Scheduled Compliance Date:	1984-05-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1984-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-02-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0MLB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-03-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA

AMERICAN PLATING (Continued) **1000360944**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-02-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R0MLB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1985-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-01-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAWDA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AMERICAN PLATING (Continued) **1000360944**

RAATS:

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	13,500.00
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 3010
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 40 CFR PART 270
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*

AMERICAN PLATING (Continued) **1000360944**

Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 4 40 CFR PART 265 (SUBPART G)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 5 40 CFR PART 265 (SUBPART F)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 6 40 CFR PART 265 (SUBPART H)

AMERICAN PLATING (Continued) **1000360944**

Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 7 265.73
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 8 265.15
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782

AMERICAN PLATING (Continued) **1000360944**

Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	9 265.14
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	13,500.00
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 3010
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987

AMERICAN PLATING (Continued) **1000360944**

Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 40 CFR PART 270
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	4 40 CFR PART 265 (SUBPART G)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	5 40 CFR PART 265 (SUBPART F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008

AMERICAN PLATING (Continued) **1000360944**

Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	6 40 CFR PART 265 (SUBPART H)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	7 265.73
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	8 265.15
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1

AMERICAN PLATING (Continued) **1000360944**

Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	9 265.14
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

ICIS:

Enforcement Action ID:	10-1998-0104
FRS ID:	110000620524
Action Name:	AMERICAN PLATING COMPANY AKA LEWIS R. JONES
Facility Name:	AMERICAN PLATING
Facility Address:	2110 E D ST TACOMA, WA 984211403
Enforcement Action Type:	RCRA 3008A AO For Comp And/Or Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	3008A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.243236
Longitude in Decimal Degrees:	-122.430065
Permit Type Desc:	Not reported
Program System Acronym:	11509
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	AMERICAN PLATING
Address:	2110 E D ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	AMERICAN PLATING
Address:	2110 E D ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	AMERICAN PLATING
Address:	2110 E D ST

AMERICAN PLATING (Continued) **1000360944**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: AMERICAN PLATING
Address: 2110 E D ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110000620524

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AMERICAN PLATING (Continued) **1000360944**

ECHO:

Envid:	1000360944
Registry ID:	110000620524
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000620524
Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421-1403
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122

AMERICAN PLATING (Continued) **1000360944**

Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202

AMERICAN PLATING (Continued) **1000360944**

EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False

AMERICAN PLATING (Continued) **1000360944**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003

AMERICAN PLATING (Continued) **1000360944**

Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

AMERICAN PLATING (Continued) **1000360944**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Generated waste in 2008 but will ship in 2009.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775

AMERICAN PLATING (Continued) **1000360944**

Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Site clean up through TCP
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman

AMERICAN PLATING (Continued) **1000360944**

Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

U93 **AMERICAN PLATING CO INC** **SEMS-ARCHIVE** **1015737257**
WNW **2110 EAST D ST** **WAD083350231**
1/4-1/2 **TACOMA, WA 98421**
0.312 mi.
1645 ft. **Site 4 of 5 in cluster U**

Relative:
Lower

Actual:
16 ft.

SEMS Archive:

Site ID:	1000796
EPA ID:	WAD083350231
Name:	AMERICAN PLATING CO INC
Address:	2110 EAST D ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98421
Cong District:	06
FIPS Code:	53053
FF:	N

AMERICAN PLATING CO INC (Continued) **1015737257**

NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 10
Site ID: 1000796
EPA ID: WAD083350231
Site Name: AMERICAN PLATING CO INC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2001-11-19 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 10
Site ID: 1000796
EPA ID: WAD083350231
Site Name: AMERICAN PLATING CO INC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-03-11 05:00:00
Finish Date: 1981-03-11 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000796
EPA ID: WAD083350231
Site Name: AMERICAN PLATING CO INC
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1986-03-13 05:00:00
Finish Date: 1986-03-13 05:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000796
EPA ID: WAD083350231
Site Name: AMERICAN PLATING CO INC
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA

AMERICAN PLATING CO INC (Continued) **1015737257**

SEQ:	1
Start Date:	1984-12-20 06:00:00
Finish Date:	1985-03-05 06:00:00
Qual:	H
Current Action Lead:	St Perf

U94
WNW
1/4-1/2
0.313 mi.
1653 ft.

Relative:
Lower

Actual:
16 ft.

PICKERING INDUSTRIES INC
2102 E D ST
TACOMA, WA 98421

Site 5 of 5 in cluster U

WA UST **1000269492**
WA ICR **WAD044596476**
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

UST:

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421
Facility ID:	75455429
Site Id:	8944
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24229
Decimal Longitude:	-122.42988
Tank Name:	DIESEL(1)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421

PICKERING INDUSTRIES INC (Continued) **1000269492**

Tank Name:	REGULAR(2)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD(3)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

PICKERING INDUSTRIES INC (Continued) **1000269492**

Dispencer/Pump SFC Type: Not reported

ICR:

Date Ecology Received Report:	01/23/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-43
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	PICKERING INDUSTRIES INC
Facility Id:	75455429

RCRA Listings:

Date Form Received by Agency:	1985-05-02 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Handler Address:	2102 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD044596476
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PICKERING INDUSTRIES INC
Owner Type:	Private
Operator Name:	PICKERING INDUSTRIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

PICKERING INDUSTRIES INC (Continued) **1000269492**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1503
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1403
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST

PICKERING INDUSTRIES INC (Continued) **1000269492**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1985-05-01 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1985-05-02 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Receive Date:	1985-05-01 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	321211
NAICS Description:	HARDWOOD VENEER AND PLYWOOD MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005320394

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000269492
Registry ID:	110005320394
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005320394
Name:	PICKERING INDUSTRIES INC
Address:	2102 E D ST
City,State,Zip:	TACOMA, WA 98421

R95 West 1/4-1/2 0.315 mi. 1661 ft. | **GONZALES MOTORS 301 PUYALLUP AVE TACOMA, WA 98421** | **WA LUST WA UST WA ICR WA ALLSITES WA CSCSL NFA** | **U003354350 N/A**

Site 2 of 2 in cluster R

Relative: Higher

Actual: 28 ft.

LUST:

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266

GONZALES MOTORS (Continued) **U003354350**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

UST:

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	91599266
Site Id:	400398
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24064
Decimal Longitude:	-122.43074

Tank Name:	1

GONZALES MOTORS (Continued) **U003354350**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

GONZALES MOTORS (Continued) **U003354350**

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	03/17/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-49
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	12/04/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-42
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

GONZALES MOTORS (Continued) **U003354350**

Name: ART THE STUDIO
Facility Id: 2285826

Name: GONZALES MOTORS
Facility Id: 91599266

CSCSL NFA:
Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24064
Longitude: -122.43074

Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24064
Longitude: -122.43074

Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest

GONZALES MOTORS (Continued) **U003354350**

Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24064
Longitude:	-122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	91599266
CS Id:	11037
NFA Date:	08/29/2012
Alternate Site Names:	Not reported
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24064
Longitude:	-122.43074

---

96 **BNRR TACOMA YARD PARCEL 8950001720** **WA HSL** **S108893366**
NW **21ST & S D ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.322 mi.
1698 ft.

Relative:
Lower

Actual:
16 ft.

HSL:

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	91663719
Rank:	5
Region:	SW
EDR Link ID:	91663719
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	21ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	91663719

BNRR TACOMA YARD PARCEL 8950001720 (Continued) **S108893366**

Region: Southwest
Lat/Long: 47.243405360747 / -122.4294477207
Clean Up Siteid: 579
Site Status: Cleanup Started
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001720
Address: 21ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 91663719
Region: Southwest
Lat/Long: 47.243405360747 / -122.4294477207
Clean Up Siteid: 579
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001720
Address: 21ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 91663719
Region: Southwest
Lat/Long: 47.243405360747 / -122.4294477207
Clean Up Siteid: 579
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels

BNRR TACOMA YARD PARCEL 8950001720 (Continued) **S108893366**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 8950001720
Facility Id: 91663719

V97 **STONE PROPERTY TRANSIT SITE** **WA HSL** **S107566016**
WSW **E 25TH & E C ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.324 mi.
1711 ft. **Site 1 of 2 in cluster V**

Relative:
Higher
Actual:
50 ft.

HSL:
Name: STONE PROPERTY TRANSIT SITE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 3782573
Rank: 3
Region: SW
EDR Link ID: 3782573
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	STONE PROPERTY TRANSIT SITE
Facility Id:	3782573

V98 **STONE PROPERTY TRANSIT SITE** **WA VCP** **S124434153**
WSW **E 25TH & E C ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.324 mi.
1711 ft. **Site 2 of 2 in cluster V**

Relative:
Higher

Actual:
50 ft.

VCP:

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Arsenic
Soil:	Confirmed Above Cleanup Levels

STONE PROPERTY TRANSIT SITE (Continued) **S124434153**

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Non-Halogenated Solvents
Soil: Below Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421

STONE PROPERTY TRANSIT SITE (Continued) **S124434153**

edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

99
NNW
1/4-1/2
0.325 mi.
1716 ft.

BNSF RAILWAY COMPANY TACOMA
610 E 21ST ST
TACOMA, WA 98421

WA ALLSITES
WA SPILLS
WA MANIFEST
WA NPDES

S106561851
N/A

Relative:
Lower

Actual:
12 ft.

ALLSITES:

Name:	BNSF RAILWAY COMPANY TACOMA
Facility Id:	37294136
Name:	BNSF TACOMA YARD
Facility Id:	19116

SPILLS:

Name:	BNSF RAILROAD
Address:	610 E 21ST
City,State,Zip:	TACOMA, WA
Facility ID:	542185
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	30
Material Units:	GALLON
Date Received:	07/04/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported
Name:	NELSON PETROLEUM
Address:	610 E 21ST
City,State,Zip:	TACOMA, WA
Facility ID:	563663

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	40
Material Units:	GALLON
Date Received:	07/05/2007
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035
Form Comm:	Regulated waste generated and shipped in 2018.
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600015676
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	605 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Legal Address:	2650 Lou Menk Drive
Legal Address 2:	Not reported
Legal City,State,Zip:	Ft. Worth, TX 76131
Legal Phone Number:	(253)591-3072
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(253)591-3072
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)591-3072
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600161813
Business Type:	Rail Transportation
Mail Name:	BNSF Railway Company
Mailing Address:	2454 Occidental Ave S
Mailing City,State,Zip:	SEATTLE, WA 98134-1451
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2454 Occidental Ave S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98134-1451
Legal Phone Number:	206 625 6034
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(206) 625-6034
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Jennifer L Wiener
Operator Address:	2454 OCCIDENTAL AVE S STE 1A
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98134-1451
Operator Phone Number:	(206) 625-6034
Operator Effective Date:	Not reported
Site Contact:	Jennifer Wiener
Site Contact Address:	2454 Occidental Ave S Ste 1A
Contact City,State,Zip:	SEATTLE, WA 98134
Site Contact Phone Number:	(206)625-6034
Site Contact Email:	jennifer.wiener@bnsf.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600161813
Business Type:	Rail Transportation
Mail Name:	BNSF Railway Company
Mailing Address:	2454 Occidental Ave S
Mailing City,State,Zip:	SEATTLE, WA 98134-1451
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2454 Occidental Ave S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98134-1451
Legal Phone Number:	206 625 6034
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(206) 625-6034
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Jennifer L Wiener
Operator Address:	2454 OCCIDENTAL AVE S STE 1A

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98134-1451
Operator Phone Number:	(206) 625-6034
Operator Effective Date:	Not reported
Site Contact:	Jennifer Wiener
Site Contact Address:	2454 Occidental Ave S Ste 1A
Contact City,State,Zip:	SEATTLE, WA 98134
Site Contact Phone Number:	(206)625-6034
Site Contact Email:	jennifer.wiener@bnsf.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NPDES:

Name:	BNSF TACOMA YARD
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.244138
Longitude:	-122.428646
Permit ID:	WAR126179
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

---

100 West 1/4-1/2 0.338 mi. 1783 ft.

STAR TOURS
224 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S109824563**
N/A

Relative: Higher

Actual: 35 ft.

ALLSITES:

Name:	STAR TOURS
Facility Id:	7722

W101
ENE
1/4-1/2
0.340 mi.
1795 ft.

VALLEY PUB
1206 PUYALLUP AVE
TACOMA, WA 98421

Site 1 of 2 in cluster W

WA ALLSITES
S109824182
N/A

Relative:
Higher

Actual:
23 ft.

ALLSITES:
Name: VALLEY PUB
Facility Id: 13056

X102
West
1/4-1/2
0.348 mi.
1837 ft.

EVERGREEN EQUIPMENT COMPANY
221 PUYALLUP AVE
TACOMA, WA 98421

Site 1 of 3 in cluster X

WA ALLSITES
S109823939
N/A

Relative:
Higher

Actual:
25 ft.

ALLSITES:
Name: EVERGREEN EQUIPMENT COMPANY
Facility Id: 4475

X103
West
1/4-1/2
0.348 mi.
1837 ft.

MCLEANS AUTO REPAIR
221 1/2 PUYALLUP AVE E
TACOMA, WA 98421

Site 2 of 3 in cluster X

WA ALLSITES
FINDS
1011917780
N/A

Relative:
Higher

Actual:
25 ft.

ALLSITES:
Name: MCLEANS AUTO REPAIR
Facility Id: 9218743

FINDS:
Registry ID: 110037371457

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

104
ESE
1/4-1/2
0.350 mi.
1846 ft.

AEROSTAR ENGINEERING INC
2619 E L ST
TACOMA, WA 98421

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
1000920647
WA0000627547

Relative:
Higher

Actual:
88 ft.

ALLSITES:
Name: AEROSTAR ENGINEERING INC
Facility Id: 58977511

RCRA Listings:

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Date Form Received by Agency:	2004-07-17 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Handler Address:	2619 E L ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WA0000627547
Contact Name:	TINA SCHEERER
Contact Address:	609 N LEVEE RD
Contact City,State,Zip:	PUYALLUP, WA 98371
Contact Telephone:	253-286-2525
Contact Fax:	Not reported
Contact Email:	TINAS@AIRSPARES.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2619 E L ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	AEROSTAR ENGINEERING INC
Owner Type:	Private
Operator Name:	AEROSTAR ENGINEERING INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINE A
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINE A
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Electronic Manifest Broker:	Not reported
Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-07-17 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-02-13 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-01-21 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified

AEROSTAR ENGINEERING INC (Continued) **1000920647**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-24 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-07 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-12 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-07 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-28 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

List of NAICS Codes and Descriptions:

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-11-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

FINDS:
Registry ID: 110005306490

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000920647
Registry ID:	110005306490
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306490
Name:	AEROSTAR ENGINEERING INC
Address:	2619 E L ST
City,State,Zip:	TACOMA, WA 98421

Y105 **GOLDEN LINE RECYCLING CORP** **WA ALLSITES** **S109553102**
WSW **217 E 25TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.352 mi.
1861 ft. **Site 1 of 2 in cluster Y**

Relative:
Higher
Actual:
50 ft.

ALLSITES:

Name:	GOLDEN LINE RECYCLING CORP
Facility Id:	610068

Y106 **FRONTIER TRANSPORTATION COMPANY** **WA UST** **U003354507**
WSW **217 EAST 25TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.352 mi.
1861 ft. **Site 2 of 2 in cluster Y**

Relative:
Higher
Actual:
50 ft.

UST:

Name:	FRONTIER TRANSPORTATION COMPANY
Address:	217 EAST 25TH ST
City:	TACOMA
Zip:	98421
Facility ID:	27655611
Site Id:	4378
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238971

FRONTIER TRANSPORTATION COMPANY (Continued) **U003354507**

Decimal Longitude:	-122.432534

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FRONTIER TRANSPORTATION COMPANY
Address:	217 EAST 25TH ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

FRONTIER TRANSPORTATION COMPANY (Continued) **U003354507**

Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: FRONTIER TRANSPORTATION COMPANY
Facility Id: 27655611

107
WSW
1/4-1/2
0.357 mi.
1883 ft.

AT&T WIRELESS TACOMA DOME
222 E 26TH ST
TACOMA, WA 98421

WA ALLSITES **1007728272**
FINDS **N/A**

Relative:
Higher

Actual:
70 ft.

ALLSITES:
Name: AT&T WIRELESS TACOMA DOME
Facility Id: 1248033

FINDS:
Registry ID: 110018849353

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

108
South
1/4-1/2
0.357 mi.
1884 ft.

MCKINLEY PARK
907 UPPER PARK ST
TACOMA, WA 98408

WA CSCSL **S110700426**
WA ALLSITES **N/A**

Relative:
Higher

Actual:
93 ft.

CSCSL:
Name: MCKINLEY PARK
Address: 907 UPPER PARK ST
City,State,Zip: TACOMA, WA 98408
Facility ID: 12317
Region: Southwest
Lat/Long: 47.235361111111 / -122.4238888888
Clean Up Siteid: 11450
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported

MCKINLEY PARK (Continued) **S110700426**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: MCKINLEY PARK
Facility Id: 12317

W109 ENE 1/4-1/2 0.359 mi. 1895 ft. | **ASSOCIATED PETROLEUM** | **WA CSCSL** | **S115348459**
1214 PUYALLUP AVE | **WA ALLSITES** | **N/A**
TACOMA, WA 98421

Site 2 of 2 in cluster W

Relative: Higher
Actual: 23 ft.

CSCSL:
Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Arsenic
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Benzene
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported

ASSOCIATED PETROLEUM (Continued) **S115348459**

Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Mercury
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest

ASSOCIATED PETROLEUM (Continued) **S115348459**

Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Metals - Other
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels

ASSOCIATED PETROLEUM (Continued) **S115348459**

Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: ASSOCIATED PETROLEUM
Facility Id: 4676

110 West 1/4-1/2 0.361 mi. 1906 ft. | **STORAGE BOX THE 216 PUYALLUP AVE TACOMA, WA 98421** | **WA ALLSITES** | **S109824199 N/A**

Relative: Higher
Actual: 32 ft.

ALLSITES:

Name:	STORAGE BOX THE
Facility Id:	21558

X111 West 1/4-1/2 0.366 mi. 1935 ft. | **CITY OF TACOMA - DOCK STREET EDUCTOR DECANT FACILI 201 PUYALLUP AVE TACOMA, WA 98421** | **WA SWF/LF** | **S108107829 N/A**

Site 3 of 3 in cluster X

Relative: Higher
Actual: 25 ft.

SWF/LF:

Name:	CITY OF TACOMA - DOCK STREET EDUCTOR DECANT FACILITY
Address:	201 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1112
Region:	STATE
Permit Status:	Permitted
Contact Organization:	City of Tacoma
Contact Address1:	747 Market Street
Contact Address2:	Room 744
Contact City:	Tacoma
Contact State:	WA
Contact Postal:	98402
Contact EMail:	mlewis@ci.tacoma.wa.us
Contact Phone:	(253) 502-2169
Contact Phone Ext:	Not reported
Permit No:	27-725
Phone:	253-502-2149
Operator Name:	Not reported
Operator Organization:	City of Tacoma
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PUBLIC
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Mark Lewis
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.240921
Longitude:	-122.433114

Z112 ENE 1/4-1/2 0.369 mi. 1948 ft.

LD KITCHEN AND BATH
1201 PUYALLUP AVE
TACOMA, WA 98421

Site 1 of 3 in cluster Z

WA ALLSITES
FINDS
WA MANIFEST
WA UIC

1011971766
N/A

Relative: Higher

Actual: 21 ft.

ALLSITES:

Name: ARCHITECTURAL WOODS INC PUYALLUP AVE
Facility Id: 6138716

Name: FORMER PUYALLUP AVENUE GAS STATION
Facility Id: 32560

Name: LD KITCHEN & BATH
Facility Id: 950

FINDS:

Registry ID: 110037905489

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Registry ID: 110064389148

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

WA MANIFEST:

Name:		TAFT PROPERTIES LLC
Address:		1201 PUYALLUP AVE
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		950
EPA ID:		WAH000051124
NAICS:		447190
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D008	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False

LD KITCHEN AND BATH (Continued) **1011971766**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602743110
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6702 77th St W
Legal Address 2:	Not reported
Legal City,State,Zip:	Lakewood, WA 98499
Legal Phone Number:	(253)227-3776
Legal Effective Date:	01/01/1983
Land Organization Name:	Taft Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6702 77th St W
Land City,State,Zip:	Lakewood, WA 98499
Land Phone Number:	(253)227-3776
Operator Organization Name:	Taft Properties LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6702 77th St W
Operator Address 2:	Not reported
Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	(253)227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

LD KITCHEN AND BATH (Continued) **1011971766**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TAFT PROPERTIES LLC
Address:	1201 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	950
EPA ID:	WAH000051124
NAICS:	447190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602743110
Business Type:	former gas station
Mail Name:	Taft Properties LLC
Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6702 77th St W
Legal Address 2:	Not reported
Legal City,State,Zip:	Lakewood, WA 98499
Legal Phone Number:	253-227-3776
Legal Effective Date:	01/01/1983
Land Organization Name:	Taft Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6702 77th St W
Land City,State,Zip:	Lakewood, WA 98499
Land Phone Number:	253-227-3776
Operator Organization Name:	Taft Properties LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6702 77th St W
Operator Address 2:	Not reported

LD KITCHEN AND BATH (Continued) **1011971766**

Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	253-227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Kate Lantaff
Site Contact Address:	6702 77th St W
Contact City,State,Zip:	Lakewood, WA 98499
Site Contact Phone Number:	253-227-3776
Site Contact Email:	zak4law@hotmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TAFT PROPERTIES LLC
Address:		1201 PUYALLUP AVE
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		950
EPA ID:		WAH000051124
NAICS:		447190
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D008	
Form Comm:		site investigation derived soil waste
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602743110
Business Type:		former gas station
Mail Name:		Taft Properties LLC

LD KITCHEN AND BATH (Continued) **1011971766**

Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6702 77th St W
Legal Address 2:	Not reported
Legal City,State,Zip:	Lakewood, WA 98499
Legal Phone Number:	253-227-3776
Legal Effective Date:	01/01/1983
Land Organization Name:	Taft Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6702 77th St W
Land City,State,Zip:	Lakewood, WA 98499
Land Phone Number:	253-227-3776
Operator Organization Name:	Taft Properties LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6702 77th St W
Operator Address 2:	Not reported
Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	253-227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Kate Lantaff
Site Contact Address:	6702 77th St W
Contact City,State,Zip:	Lakewood, WA 98499
Site Contact Phone Number:	253-227-3776
Site Contact Email:	zak4law@hotmail.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported

LD KITCHEN AND BATH (Continued) **1011971766**

WCDB Code:	W301
Description:	site investigation derived soil waste
CORb Sequence Number:	159836
Sequence Number:	3423986
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	900
Quanity Unit:	LB
Kilograms Quanity:	408.240007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	2014507
Shipment Date:	2016-08-03 00:00:00
Mainfest Document ID:	000149208DAT
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	917232
Received EPAID:	WAD991281767
Managed Quanity:	900
Kilogram Quanity:	408.240007
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream Comments:

CORB Waste Sequence Number:	159836
Comments:	site investigation derived soil waste
Waste Sequence Number:	3423986
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	7963174
WCDA Code:	D008

Waste Stream Source Code:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	1
WCDD Code:	G44

UIC:

Name:	FORMER PUYALLUP AVENUE GAS STATION

LD KITCHEN AND BATH (Continued) **1011971766**

Address:	1201 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98402
Site Number:	34272
Owner Name:	Taft Properties LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2424499
Longitude:	122.41615
Well Name:	PB 1-235
Registration Type:	Voluntary or Independent Cleanup Sites
Construction Date:	03/01/2019
Construction Type:	Not reported
Depth:	12

Name:	FORMER PUYALLUP AVENUE GAS STATION
Address:	1201 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98402
Site Number:	34272
Owner Name:	Taft Properties LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2421459
Longitude:	122.41665
Well Name:	IW 1-10
Registration Type:	Voluntary or Independent Cleanup Sites
Construction Date:	04/01/2019
Construction Type:	Not reported
Depth:	12

Z113 **PUYALLUP AVE GAS STATION FORMER** **WA CSCSL** **S112339118**
ENE **1201-1203 PUYALLUP AVE** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.369 mi.
1948 ft. **Site 2 of 3 in cluster Z**

Relative:
Higher

Actual:
21 ft.

CSCSL:

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Arsenic

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2421300 / -122.41713

ALLSITES:
Name: PUYALLUP AVE GAS STATION FORMER
Facility Id: 8374

Z114 ENE 1/4-1/2 0.369 mi. 1948 ft. | **PUYALLUP AVE GAS STATION** | **WA VCP** | **S124436171**
1201-1203 PUYALLUP AVE | **N/A**
TACOMA, WA 98421

Site 3 of 3 in cluster Z

Relative: Higher
Actual: 21 ft.

VCP:
Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Arsenic
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Benzene
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421

PUYALLUP AVE GAS STATION (Continued) **S124436171**

edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Lead
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Other Non-Halogenated Organics
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 12039
Contaminant Name: Petroleum-Diesel
Soil: Confirmed Above Cleanup Levels

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 8374

PUYALLUP AVE GAS STATION (Continued) **S124436171**

VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

AA115 **MAXI SEEDS INC** **WA ALLSITES** **1000245020**
NW **21ST & D ST** **RCRA NonGen / NLR** **WAD980833339**
1/4-1/2 **TACOMA, WA 98421**
0.377 mi.
1992 ft. **Site 1 of 3 in cluster AA**

Relative:
Lower

Actual:
16 ft.

ALLSITES:

Name:	MAXI SEEDS INC
Facility Id:	52856894

RCRA Listings:

MAXI SEEDS INC (Continued) **1000245020**

Date Form Received by Agency:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Handler Address:	21ST & D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD980833339
Contact Name:	MAXI SEEDS INC MAXI SEEDS INC
Contact Address:	43730 WITTE SE NO C
Contact City,State,Zip:	MAPLE VALLEY, WA 98038-0000
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	43730 WITTE SE NO C
Mailing City,State,Zip:	MAPLE VALLEY, WA 98038-0000
Owner Name:	MAXI SEEDS INC M
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No

MAXI SEEDS INC (Continued) **1000245020**

Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

MAXI SEEDS INC (Continued) **1000245020**

Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC M
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

MAXI SEEDS INC (Continued) **1000245020**

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42491
NAICS Description:	FARM SUPPLIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

---

116 **L STREET LAYOVER EXPANSION** **WA ALLSITES** **S110036052**
East **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.378 mi.
1998 ft.

Relative:
Higher

Actual:
29 ft.

ALLSITES:

Name:	L STREET LAYOVER EXPANSION
Facility Id:	3077

117
East
1/4-1/2
0.379 mi.
1999 ft.

TACOMA CENTER MOTEL
1220 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES

S109824594
N/A

Relative:
Higher

Actual:
22 ft.

ALLSITES:
Name: TACOMA CENTER MOTEL
Facility Id: 6894

118
North
1/4-1/2
0.381 mi.
2013 ft.

SUPERVALU INC BLDG 104
480 E 19TH
TACOMA, WA 98401

WA ALLSITES
FINDS

1007728467
N/A

Relative:
Lower

Actual:
12 ft.

ALLSITES:
Name: SUPERVALU INC BLDG 104
Facility Id: 4597891

FINDS:
Registry ID: 110018851303

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

119
NNE
1/4-1/2
0.384 mi.
2026 ft.

SUPERVALU INC
490 E 19TH ST
TACOMA, WA 98421

WA UST
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

1004793913
WAD988469201

Relative:
Lower

Actual:
15 ft.

UST:
Name: WEST COAST GROCERY COMPANY
Address: 490 E 19TH ST
City: TACOMA
Zip: 98421
Facility ID: 34146274
Site Id: 5704
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.24546
Decimal Longitude: -122.42806

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996

SUPERVALU INC (Continued) **1004793913**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WEST COAST GROCERY COMPANY
Address:	490 E 19TH ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:
Name: SUPERVALU INC

SUPERVALU INC (Continued) **1004793913**

Facility Id: 34146274

RCRA Listings:

Date Form Received by Agency:	2019-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Handler Address:	490 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988469201
Contact Name:	ERICA FRANSEN
Contact Address:	PO BOX 20, DEPT. 81014
Contact City,State,Zip:	BOISE, ID 83726
Contact Telephone:	208-395-4793
Contact Fax:	Not reported
Contact Email:	ERICA.FRANSEN@ALBERTSONS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	SUPERVALU
Owner Type:	Private
Operator Name:	SUPERVALU
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

SUPERVALU INC (Continued) **1004793913**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

SUPERVALU INC (Continued) **1004793913**

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SUPERVALU
Legal Status: Private
Date Became Current: 1996-07-23 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 11840 VALLEY VIEW RD
Owner/Operator City,State,Zip: EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone: 612-828-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SUPERVALU INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 490 E 19TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SUPERVALU INC
Legal Status: Private
Date Became Current: Not reported

SUPERVALU INC (Continued) **1004793913**

Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.

SUPERVALU INC (Continued) **1004793913**

Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU S
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported

SUPERVALU INC (Continued) **1004793913**

Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported

SUPERVALU INC (Continued) **1004793913**

Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported

SUPERVALU INC (Continued) **1004793913**

Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU S
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.

SUPERVALU INC (Continued) **1004793913**

Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-16 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-08 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-14 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SUPERVALU INC (Continued) **1004793913**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-10 00:00:00.0

SUPERVALU INC (Continued) **1004793913**

Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-27 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-22 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-29 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-15 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SUPERVALU INC (Continued) **1004793913**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-25 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-05 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-23 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-08 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SUPERVALU INC (Continued) **1004793913**

Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-04 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-03 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-08-02 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-01-03 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-01-09 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

SUPERVALU INC (Continued) **1004793913**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-16 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-14 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-24 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SUPERVALU INC (Continued) **1004793913**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-28 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-13 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-26 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-28 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SUPERVALU INC (Continued) **1004793913**

Receive Date:	2018-03-15 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	SUPER VALU STORES INC DBA WEST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SUPER VALU STORES INC DBA WEST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SUPERVALU/WEST COAST GROCERY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

SUPERVALU INC (Continued) **1004793913**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SUPERVALU INC (Continued) **1004793913**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42241
NAICS Description: GENERAL LINE GROCERY WHOLESALERS

NAICS Code: 42441
NAICS Description: GENERAL LINE GROCERY MERCHANT WHOLESALERS

NAICS Code: 424410
NAICS Description: GENERAL LINE GROCERY MERCHANT WHOLESALERS

NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110000843507

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region

SUPERVALU INC (Continued) **1004793913**

that support Compliance and Enforcement programs. These include;
Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793913
Registry ID:	110000843507
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000843507
Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu

SUPERVALU INC (Continued) **1004793913**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

SUPERVALU INC (Continued) **1004793913**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

SUPERVALU INC (Continued) **1004793913**

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street

SUPERVALU INC (Continued) **1004793913**

Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D035,D039,D008,F001
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate, Lamps - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported

SUPERVALU INC (Continued) **1004793913**

Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D035,D039,D008,F001
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

SUPERVALU INC (Continued) **1004793913**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

SUPERVALU INC (Continued) **1004793913**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003, F500, D18, D035, D039, D008, F001
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer

SUPERVALU INC (Continued) **1004793913**

Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

SUPERVALU INC (Continued) **1004793913**

Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

SUPERVALU INC (Continued) **1004793913**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

SUPERVALU INC (Continued) **1004793913**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AB120 **AIRSPARES** **WA LUST** **U003604943**
East **2617 L ST E** **WA UST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA INST CONTROL**
0.384 mi. **WA ALLSITES**
2030 ft. **Site 1 of 2 in cluster AB** **WA CSCSL NFA**

Relative:
Higher

Actual:
95 ft.

LUST:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	36399481
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5946
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Response Section:	Southwest
Release Date:	05/04/1998
Lust Date:	04/19/2008
Region:	Southwest
Lust ID:	5738
UST ID:	502637
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239597 / -122.41597

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	36399481
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5946
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Response Section:	Southwest
Release Date:	05/04/1998
Lust Date:	04/19/2008
Region:	Southwest
Lust ID:	5738
UST ID:	502637
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239597 / -122.41597

UST:

Name:	AIRSPARES

AIRSPARES (Continued) **U003604943**

Address:	2617 L ST E
City:	TACOMA
Zip:	98421
Facility ID:	36399481
Site Id:	502637
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239597
Decimal Longitude:	-122.415972

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

AIRSPARES (Continued) **U003604943**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	36399481
Latitude:	47.239597
Longitude:	-122.415972
Instrument Type:	Environmental Covenant
NFA Date:	09/19/2008
County Filing # For Individual IC Doc:	2.0085092603e+012
Filing Date Of Individual IC Doc:	09/26/2008
Education Programs:	False
Maintenance Requirements:	False

AIRSPARES (Continued) **U003604943**

Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2076380011
Control Active:	True
CS ID:	5946
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	AIR SPARES INC FORMER
Facility Id:	36399481

CSCSL NFA:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	36399481
CS Id:	5946
NFA Date:	09/19/2008
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239597
Longitude:	-122.415972

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421

AIRSPARES (Continued) **U003604943**

Facility/Site Id:	36399481
CS Id:	5946
NFA Date:	09/19/2008
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239597
Longitude:	-122.415972

AB121 **AIR SPARES INC** **WA VCP** **S124434065**
East **2617 E L ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.384 mi.
2030 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
95 ft.

VCP:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	36399481
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2008-09-19
Rank:	Not reported
Cleanup Siteid:	5946
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	36399481
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2008-09-19
Rank:	Not reported
Cleanup Siteid:	5946

AIR SPARES INC (Continued) **S124434065**

Contaminant Name: Petroleum-Other
Soil: Remediated-Above

AC122 **PACIFIC TRANSPORTATION GROUP 19TH ST** **WA ALLSITES** **1000252079**
NNW **440 E 19TH ST** **WA CSCSL NFA** **WAD009497462**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.386 mi. **FINDS**
2040 ft. **Site 1 of 2 in cluster AC** **ECHO**

Relative:
Lower

Actual:
9 ft.

ALLSITES:
Name: SUPERVALUE INC BLDG 105
Facility Id: 1243

CSCSL NFA:
Name: SUPERVALUE INC BLDG 105
Address: 440 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 1243
CS Id: 4367
NFA Date: 01/16/1996
Alternate Site Names: PACIFIC STORAGE,Pacific Transportation Group,PACIFIC TRANSPORTATION GROUP 19TH ST,PACIFIC TRANSPORTATION GROUP INC,SUPERVALU INC BLDG 105
NFA Reason: NFA-Independent Cleanup Reviewed by Ecology
Site Status: NFA
Region: Southwest
Contaminant Name: Metals - Other
Ground Water: Not reported
Surface Water: Confirmed Above Cleanup Levels
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24536
Longitude: -122.42885

Name: SUPERVALUE INC BLDG 105
Address: 440 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 1243
CS Id: 4367
NFA Date: 01/16/1996
Alternate Site Names: PACIFIC STORAGE,Pacific Transportation Group,PACIFIC TRANSPORTATION GROUP 19TH ST,PACIFIC TRANSPORTATION GROUP INC,SUPERVALU INC BLDG 105
NFA Reason: NFA-Independent Cleanup Reviewed by Ecology
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Not reported
Surface Water: Confirmed Above Cleanup Levels
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24536
Longitude: -122.42885

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

RCRA Listings:

Date Form Received by Agency:	1990-02-27 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Handler Address:	440 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD009497462
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 910
Mailing City,State,Zip:	ROY, WA 98580
Owner Name:	PACIFIC TRANSPORTATION GROUP
Owner Type:	Private
Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:02:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-02-26 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-02-27 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-02-26 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005314999

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000252079
Registry ID:	110005314999
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005314999
Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

---

123 West 1/4-1/2 0.388 mi. 2047 ft. | **DOCK STREET STATION**
2301 E B ST
TACOMA, WA 98421 | **WA ALLSITES**
FINDS
ECHO
WA MANIFEST | **1007075807**
N/A

Relative: Lower
Actual: 18 ft.

ALLSITES:

Name:	TACOMA CITY EDUCTOR WASTE DECANT FACILIT
Facility Id:	13182788

FINDS:
Registry ID: 110015524565

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

DOCK STREET STATION (Continued) **1007075807**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007075807
Registry ID:	110015524565
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015524565
Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13182788
EPA ID:	WAH000028820
NAICS:	22132
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Sewage Treatment
Mail Name:	CITY OF TACOMA
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Legal Organization Name:	CITY OF TACOMA

DOCK STREET STATION (Continued) **1007075807**

Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	253-591-5535
Legal Effective Date:	Not reported
Land Organization Name:	CITY OF TACOMA
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 MARKET ST
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	253-591-5535
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	KEN G TROSS
Operator Address:	2201 PORTLAND AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	253-502-2147
Operator Effective Date:	Not reported
Site Contact:	KEN G TROSS
Site Contact Address:	2201 PORTLAND AVE
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253-502-2147
Site Contact Email:	ktross@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13182788
EPA ID:	WAH000028820
NAICS:	22132
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported

DOCK STREET STATION (Continued) **1007075807**

Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Sewage Treatment
Mail Name:	CITY OF TACOMA
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Legal Organization Name:	CITY OF TACOMA
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	253-591-5535
Legal Effective Date:	Not reported
Land Organization Name:	CITY OF TACOMA
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 MARKET ST
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	253-591-5535
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	KEN G TROSS
Operator Address:	2201 PORTLAND AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	253-502-2147
Operator Effective Date:	Not reported
Site Contact:	KEN G TROSS
Site Contact Address:	2201 PORTLAND AVE
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253-502-2147
Site Contact Email:	ktross@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F

DOCK STREET STATION (Continued) **1007075807**

Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

AD124 **DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME** **WA VCP** **S124436758**
SSW **2727 E D ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.388 mi.
2050 ft. **Site 1 of 3 in cluster AD**

Relative:
Higher

Actual:
136 ft.

VCP:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	96231256
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-05-24
Rank:	Not reported
Cleanup Siteid:	6940
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

AD125 **TACOMA CITY OF TACOMA DOME** **WA UST** **U003710124**
SSW **2727 E D ST** **WA ICR** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.388 mi.
2050 ft. **Site 2 of 3 in cluster AD**

Relative:
Higher

Actual:
136 ft.

UST:

Name:	TACOMA CITY OF TACOMA DOME
Address:	2727 E D ST
City:	TACOMA
Zip:	98402
Facility ID:	96231256
Site Id:	507935
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2365335825738
Decimal Longitude:	-122.427002676599
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982

TACOMA CITY OF TACOMA DOME (Continued) **U003710124**

Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TACOMA CITY OF TACOMA DOME
Address:	2727 E D ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/18/00
Contaminants Found at Site:	Petroleum products

TACOMA CITY OF TACOMA DOME (Continued) **U003710124**

Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

AD126 **DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME** **WA LUST** **1001969509**
SSW **2727 E D ST** **WA ALLSITES** **WAD981768021**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.388 mi. **RCRA NonGen / NLR**
2050 ft. **Site 3 of 3 in cluster AD** **FINDS**
ECHO
Relative: Higher **WA MANIFEST**
Actual: 136 ft.

LUST:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	96231256
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6940
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	TACOMA CITY OF TACOMA DOME,TACOMA CITY TACOMA DOME,TACOMA DOME UST SITE
Response Section:	Southwest
Release Date:	01/18/2000
Lust Date:	05/24/2000
Region:	Southwest
Lust ID:	5440
UST ID:	507935
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2365335 / -122.42700

ALLSITES:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Facility Id:	96231256
Name:	LEMAY AMERICAS CAR MUSEUM
Facility Id:	19576

CSCSL NFA:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	96231256
CS Id:	6940
NFA Date:	05/24/2000

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Alternate Site Names:	TACOMA CITY OF TACOMA DOME,TACOMA CITY TACOMA DOME,TACOMA DOME UST SITE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236533583
Longitude:	-122.42700268

RCRA Listings:

Date Form Received by Agency:	2019-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Handler Address:	2727 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD981768021
Contact Name:	MATT BALK
Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-830-6617
Contact Fax:	Not reported
Contact Email:	MBALK@TACOMAVENUES.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TACOMA CITY
Owner Type:	Municipal
Operator Name:	CITY OF TACOMA/TACOMA DOME
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Municipal
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Municipal
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-16 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-12 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Receive Date:	1996-02-26 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-05 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-15 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-10 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-07 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-15 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-06-17 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-04-20 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-17 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-18 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-04-24 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-05 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-16 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-09 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-12 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-20 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-23 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-23 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Receive Date:	2016-03-03 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	71131
NAICS Description:	PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

NAICS Code:	711310
NAICS Description:	PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005342343

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969509
Registry ID:	110005342343
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005342343
Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AC127 **SUPERVALU MEAT WAREHOUSE** **WA ALLSITES** **1007066897**
NNW **475 E 19TH ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.395 mi. **WA NPDES**
2083 ft. **Site 2 of 2 in cluster AC**

Relative:
Lower

Actual:
9 ft.

ALLSITES:
Name: SUPERVALU INC MEAT
Facility Id: 67349491

FINDS:
Registry ID: 110015434859

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SUPERVALU MEAT WAREHOUSE (Continued) **1007066897**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007066897
Registry ID:	110015434859
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015434859
Name:	SUPERVALU MEAT WAREHOUSE
Address:	475 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

NPDES:

Name:	SUPERVALU MEAT WAREHOUSE TRUCK MAIN
Address:	475 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421-1514
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.245376
Longitude:	-122.429847
Permit ID:	WAR011774
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AA128 **PICKS COVE MARINA** **WA INST CONTROL** **1001485972**
NW **1940 E D ST** **WA ALLSITES** **WA0000704114**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.395 mi. **WA SPILLS**
2087 ft. **Site 2 of 3 in cluster AA** **RCRA NonGen / NLR**
FINDS
Relative: **ECHO**
Lower
Actual:
15 ft.

INST CONTROL:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	42518833
Latitude:	47.24768
Longitude:	-122.43097
Instrument Type:	Environmental Covenant
NFA Date:	10/09/2004
County Filing # For Individual IC Doc:	2.0040708049e+011
Filing Date Of Individual IC Doc:	07/08/2004
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
Surface Water Restriction:	False
Site Status:	No Further Action

PICKS COVE MARINA (Continued) **1001485972**

Swimming Restriction:	False
Tax Parcel Number:	8950001611, 8950001623, 8950001627, 8950001740, 8950001751
Control Active:	True
CS ID:	4654
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	True

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	42518833
Latitude:	47.24768
Longitude:	-122.43097
Instrument Type:	Environmental Covenant
NFA Date:	10/09/2004
County Filing # For Individual IC Doc:	2.0040728064e+011
Filing Date Of Individual IC Doc:	07/28/2004
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001611, 8950001623, 8950001627, 8950001740, 8950001751
Control Active:	True
CS ID:	4654
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True

PICKS COVE MARINA (Continued) **1001485972**

Access Barrier: False

ALLSITES:
Name: PICKS COVE MARINA
Facility Id: 42518833

CSCSL NFA:
Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 42518833
CS Id: 4654
NFA Date: 10/09/2004
Alternate Site Names: FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Arsenic
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Remediated-Above
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24768
Longitude: -122.43097

Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 42518833
CS Id: 4654
NFA Date: 10/09/2004
Alternate Site Names: FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA
Region: Southwest
Contaminant Name: Lead
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Remediated-Above
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24768
Longitude: -122.43097

Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 42518833
CS Id: 4654
NFA Date: 10/09/2004
Alternate Site Names: FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason: NFA-Voluntary Cleanup Program Review
Site Status: NFA

PICKS COVE MARINA (Continued) **1001485972**

Region:	Southwest
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

SPILLS:

Name:	Not reported
Address:	1940 E D STR
City,State,Zip:	TACOMA, WA
Facility ID:	653499
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	12/13/2014
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Address:	1940 E D ST.
City,State,Zip:	TACOMA, WA
Facility ID:	628180
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	07/25/2011
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

RCRA Listings:

Date Form Received by Agency:	2003-07-24 00:00:00.0
Handler Name:	PICKS COVE MARINA
Handler Address:	1940 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WA0000704114
Contact Name:	GORDON PICKERING
Contact Address:	1616 E ST PAUL AVE
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-572-9212
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1616 E ST PAUL AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PICKERING INC
Owner Type:	Private
Operator Name:	HAMSTREET, RICHARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

PICKS COVE MARINA (Continued) **1001485972**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD

PICKS COVE MARINA (Continued) **1001485972**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC P
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICHARD H
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1503
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private

PICKS COVE MARINA (Continued) **1001485972**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-24 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-11 00:00:00.0

PICKS COVE MARINA (Continued) **1001485972**

Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-30 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-20 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-02 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

PICKS COVE MARINA (Continued) **1001485972**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-22 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-01 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-01-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALGR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005306739

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

PICKS COVE MARINA (Continued) **1001485972**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001485972
Registry ID:	110005306739
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306739
Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421

AA129 **PICKS COVE MARINA** **WA VCP** **S124434339**
NW **1940 E D ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.395 mi.
2087 ft. **Site 3 of 3 in cluster AA**

Relative:
Lower

Actual:
15 ft.

VCP:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2004-10-09
Rank:	Not reported
Cleanup Siteid:	4654
Contaminant Name:	Arsenic
Soil:	Remediated-Above

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported

PICKS COVE MARINA (Continued) **S124434339**

Date NFA: 2004-10-09
Rank: Not reported
Cleanup Siteid: 4654
Contaminant Name: Lead
Soil: Remediated-Above

Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 42518833
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2004-10-09
Rank: Not reported
Cleanup Siteid: 4654
Contaminant Name: Metals - Other
Soil: Remediated-Above

Name: PICKS COVE MARINA
Address: 1940 E D ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 42518833
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2004-10-09
Rank: Not reported
Cleanup Siteid: 4654
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Remediated-Above

AE130 **TACOMA TRANSLOAD INC** **WA VCP** **S124433463**
North **501 E 19TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.398 mi.
2099 ft. **Site 1 of 3 in cluster AE**

Relative:
Lower

Actual:
10 ft.

VCP:
Name: TACOMA TRANSLOAD INC
Address: 501 E 19TH ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 25392634
VCP Status: Not reported

TACOMA TRANSLOAD INC (Continued) **S124433463**

VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 1981
Contaminant Name: Petroleum Products-Unspecified
Soil: Remediated

AE131 **TACOMA TRANSLOAD INC** **WA CSCSL** **S110688914**
North **501 E 19TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA SPILLS**
0.398 mi. **WA NPDES**
2099 ft. **Site 2 of 3 in cluster AE**

Relative:
Lower

Actual:
10 ft.

CSCSL:
Name: TACOMA TRANSLOAD INC
Address: 501 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 25392634
Region: Southwest
Lat/Long: 47.245833 / -122.428332
Clean Up Siteid: 1981
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: UNION PACIFIC RR D ST
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA TRANSLOAD INC
Facility Id: 25392634

SPILLS:
Name: UNION PACIFIC
Address: 501 E 19TH ST
City,State,Zip: TACOMA, WA
Facility ID: 622834
Medium: SOIL
Material Desc: BILGE WATER
Material Qty: 0
Material Units: GALLON
Date Received: 10/11/2010
Contact Name: Not reported
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported

TACOMA TRANSLOAD INC (Continued) **S110688914**

Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	622834
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	10
Material Units:	GALLON
Date Received:	10/11/2010
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	TACOMA TRANSLOAD INC
Address:	501 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24583299
Longitude:	-122.428332
Permit ID:	WAR003419
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AE132 NNW 1/4-1/2 0.401 mi. 2117 ft. | **SUPERVALU INTERNATIONAL**
495 E 19TH ST
TACOMA, WA 98421 | **WA ALLSITES** | **S109824176**
N/A

Site 3 of 3 in cluster AE

Relative: Lower
Actual: 10 ft.

ALLSITES:
Name: SUPERVALU INTERNATIONAL
Facility Id: 23977

---

133 North 1/4-1/2 0.402 mi. 2120 ft. | **SUPERVALU AMMONIA RESPONSE**
590 E. 19TH
TACOMA, WA 98421 | **SEMS FINDS** | **1023674689**
WAN001002121

Relative: Lower
Actual: 13 ft.

SEMS:
Site ID: 1002121
EPA ID: WAN001002121
Name: SUPERVALU AMMONIA RESPONSE
Address: 590 E. 19TH
Address 2: Not reported
City,State,Zip: TACOMA, WA 98421
Cong District: Not reported
FIPS Code: 53033
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 10
Site ID: 1002121
EPA ID: WAN001002121
Site Name: SUPERVALU AMMONIA RESPONSE
NPL: N
FF: N
OU: 00
Action Code: PJ
Action Name: RP EM REM
SEQ: 1
Start Date: 2017-06-07 04:00:00
Finish Date: 6/9/2017 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

FINDS:
Registry ID: 110070135268

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

134 West 1/4-1/2 0.406 mi. 2143 ft. | **NW FURNITURE BANK 117 PUYALLUP AVE TACOMA TACOMA, WA 98421** | **WA SWRCY** | **S125716137 N/A**

Relative: Higher
Actual: 28 ft.

SWRCY:

Name:	NW FURNITURE BANK
Address:	117 PUYALLUP AVE TACOMA
City,State,Zip:	TACOMA, WA 98421
Phone:	253-302-3868 x101
Website:	https://www.nwfurniturebank.org/mattress-recycling
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Sat, 9am-4pm
Comments:	Not reported
Material Category:	Home & Garden
Organization ID:	1646
Organization Name:	NW Furniture Bank
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

Name:	NW FURNITURE BANK
Address:	117 PUYALLUP AVE TACOMA
City,State,Zip:	TACOMA, WA 98421
Phone:	253-302-3868 x101
Website:	https://www.nwfurniturebank.org/mattress-recycling
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Pickup
Hours:	Mon-Sat, 9am-4pm
Comments:	Not reported
Material Category:	Home & Garden
Organization ID:	1646
Organization Name:	NW Furniture Bank
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

AF135 NNW 1/4-1/2 0.407 mi. 2147 ft. | **NICHOLS TRUCKING CO INC 424 E 19TH ST TACOMA, WA 98421** | **WA LUST WA ALLSITES WA CSCSL NFA WA SPILLS WA NPDES** | **S110689454 N/A**

Site 1 of 2 in cluster AF

Relative: Lower
Actual: 9 ft.

LUST:

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

ALLSITES:

Name:	NICHOLS TRUCKING CO INC
Facility Id:	11174741

CSCSL NFA:

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals - Other

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

SPILLS:

Name:	Not reported
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	623776
Medium:	SOIL
Material Desc:	PETROLEUM - OIL OTHER
Material Qty:	1
Material Units:	GALLON
Date Received:	12/02/2010
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NICHOLS TRUCKING CO INC (Continued) **S110689454**

NPDES:

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421-1501
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24510000
Longitude:	-122.429010
Permit ID:	WAR000344
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AF136 **NICHOLS TRUCKING CO INC** **WA UST** **1000696900**
NNW **424 E 19TH ST** **WA ICR** **WAD988505335**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.407 mi. **FINDS**
2147 ft. **Site 2 of 2 in cluster AF** **ECHO**

Relative:
Lower

Actual:
9 ft.

UST:

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421
Facility ID:	11174741
Site Id:	11950
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451
Decimal Longitude:	-122.42901
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Steel

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	No Piping Attached to Tank
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	06/17/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Not reported
Site Register Issue:	98-49
County Code:	27
Contact:	Not reported
Report Title:	UST Removal Project

Date Ecology Received Report:	07/26/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-51
County Code:	27
Contact:	Not reported
Report Title:	Final Voluntary Cleanup Report

RCRA Listings:

Date Form Received by Agency:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Handler Address:	424 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421-1501
EPA ID:	WAD988505335
Contact Name:	JAY JOHNSON
Contact Address:	7272 CLEANWATER LANE MSLU11
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-753-3028
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7272 CLEANWATER LANE MSLU11
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	NICHOLS TRUCKIN N
Owner Type:	Private
Operator Name:	NICHOLS TRUCKIN N
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Handler Date of Last Change:	2012-02-16 19:12:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKIN N
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKIN N
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-02-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005374816

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000696900
Registry ID:	110005374816
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005374816

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Name: NICHOLS TRUCKING CO INC
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421

137
NE
1/4-1/2
0.409 mi.
2160 ft.

BURLINGTON NORTHERN RAILROAD
RIGHT-OF-WAY TAR PITS
TACOMA, WA 98421

SEMS **1000285960**
WAD980723498

Relative:
Lower

Actual:
15 ft.

SEMS:
Site ID: 1000960
EPA ID: WAD980723498
Name: BURLINGTON NORTHERN RAILROAD
Address: RIGHT-OF-WAY TAR PITS
Address 2: Not reported
City,State,Zip: TACOMA, WA 98421
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000960
EPA ID: WAD980723498
Site Name: BURLINGTON NORTHERN RAILROAD
NPL: A
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1982-08-10 04:00:00
Finish Date: 8/10/1982 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000960
EPA ID: WAD980723498
Site Name: BURLINGTON NORTHERN RAILROAD
NPL: A
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1988-12-30 05:00:00
Finish Date: 12/30/1988 5:00:00 AM
Qual: A
Current Action Lead: St Perf

Region: 10
Site ID: 1000960

BURLINGTON NORTHERN RAILROAD (Continued) **1000285960**

EPA ID:	WAD980723498
Site Name:	BURLINGTON NORTHERN RAILROAD
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1987-09-30 04:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

138
West
1/4-1/2
0.411 mi.
2172 ft.

TACOMA SPUR
24TH S AND EAST A (I-705)
TACOMA, WA 98402

SEMS **1000334234**
WAD980835789

Relative:
Higher

Actual:
43 ft.

SEMS:

Site ID:	1001025
EPA ID:	WAD980835789
Name:	TACOMA SPUR
Address:	24TH S AND EAST A (I-705)
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98402
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1984-02-01 05:00:00
Finish Date:	2/1/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00

TACOMA SPUR (Continued) **1000334234**

Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-11-28 05:00:00
Finish Date:	11/28/1988 5:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf
Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-08-30 05:00:00
Finish Date:	9/1/1984 5:00:00 AM
Qual:	H
Current Action Lead:	St Perf

AG139 **ALL SAFE ENVIRONMENTAL** **WA ALLSITES** **S109556776**
NW **1901 E D ST STE A** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.413 mi.
2181 ft. **Site 1 of 2 in cluster AG**

Relative:
Lower
Actual:
10 ft.

ALLSITES:

Name:	ALL SAFE ENVIRONMENTAL
Facility Id:	78312996

AG140 **HERITAGE CRYSTAL CLEAN LLC D ST** **WA ALLSITES** **1005445352**
NW **1901 E D ST** **RCRA NonGen / NLR** **WAH000016212**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.413 mi. **ECHO**
2181 ft. **Site 2 of 2 in cluster AG** **WA Financial Assurance**
WA MANIFEST

Relative:
Lower
Actual:
10 ft.

ALLSITES:

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Facility Id:	84615333

RCRA Listings:

Date Form Received by Agency:	2019-03-07 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Handler Address:	1901 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000016212
Contact Name:	SHANE ODOM
Contact Address:	HERITAGE-CRYSTAL CLEAN
Contact City,State,Zip:	ELGIN, IL 60123
Contact Telephone:	903-649-3610
Contact Fax:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Contact Email:	SHANE.ODOM@CRYSTAL-CLEAN.COM
Contact Title:	ENVIRONMENTAL COMPLIANCE MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	State-specific Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2212 PORT OF TACOMA RD
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	HERITAGE CRYSTAL CLEAN LLC
Owner Type:	Private
Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Storage
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:33:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARK B
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD., STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRON P
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2017-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIAN LABOUNTY
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-01 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-25 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-09-18 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-11 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-25 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-07-01 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-03 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-20 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-19 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-24 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-25 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-01 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-03-01 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-09-18 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-27 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-04-26 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-05-05 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-19 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-19 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-07 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325998
NAICS Description:	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

NAICS Code:	562219
NAICS Description:	OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2013-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2015-02-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Authorization Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-11-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-06-18 00:00:00.0
Actual Return to Compliance Date:	2002-06-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-06-18 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2002-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Processors and Re-refiners
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-09-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - General Information
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2013-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - General Information
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-09-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2015-01-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-08 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Processors and Re-refiners
Date Violation was Determined:	2006-06-14 00:00:00.0
Actual Return to Compliance Date:	2006-07-13 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-08-30 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2006-08-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Tank System Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Listing - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-09-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-10-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-09-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKSG
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-06 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-02-20 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-11-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-11-04 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-06-18 00:00:00.0
Scheduled Compliance Date:	2002-06-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-09-23 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-11-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-31 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-10-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2005-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-05-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-08 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-09-24 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-01-09 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-08 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-07-13 00:00:00.0
Scheduled Compliance Date:	2006-08-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-09-09 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110012557189

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005445352
Registry ID:	110012557189
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012557189
Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421

WA Financial Assurance 2:

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Corporate Guarantee
Cost Estimate:	$198,090.00
Policy Number:	N/A
Policy Effective Date:	05/13/2016
Policy Closure Date:	04/01/2017
Third Party Provider:	Heritage-Crystal Clean, Inc.
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	ALT I - Pass
As Of:	05/13/2016
Due Date:	04/01/2017
Year Submitted:	2016

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

FRR Complete:	False
Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	UEC002320309
Policy Effective Date:	06/01/2016
Policy Closure Date:	05/31/2017

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Third Party Provider:	XL Speciality Insurance
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	N/A
As Of:	06/01/2016
Due Date:	06/01/2017
Year Submitted:	2016
FRR Complete:	False

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	GEC002320109
Policy Effective Date:	06/01/2016
Policy Closure Date:	05/31/2017
Third Party Provider:	Greenwich Insurance Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	N/A
As Of:	06/01/2016
Due Date:	06/01/2017
Year Submitted:	2016
FRR Complete:	False

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility’s cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Corporate Guarantee
Cost Estimate:	$199,905.19
Policy Number:	N/A
Policy Effective Date:	04/01/2018
Policy Closure Date:	04/01/2019
Third Party Provider:	Heritage-Crystal Clean LLC
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	ALT I - Pass
As Of:	04/10/2018
Due Date:	04/01/2019
Year Submitted:	2018
FRR Complete:	True

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	EPK103282
Policy Effective Date:	02/26/2013
Policy Closure Date:	02/25/2014
Third Party Provider:	Crum & Forster
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2014
FRR Complete:	False

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	ENV031010-13-02
Policy Effective Date:	02/26/2013
Policy Closure Date:	02/25/2014
Third Party Provider:	American Safety Indemnity Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2013
FRR Complete:	False
Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	05PKG01385
Policy Effective Date:	02/26/2005
Policy Closure Date:	02/25/2006
Third Party Provider:	Evanston Insurance Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2005
FRR Complete:	False

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Trust Fund
Cost Estimate:	$129,000.00
Policy Number:	XXXXX6482
Policy Effective Date:	Not reported
Policy Closure Date:	Not reported
Third Party Provider:	Fife Commercial Bank
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	02/17/2015
Due Date:	Not reported
Year Submitted:	2015
FRR Complete:	False

WA MANIFEST:

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	155452
Sequence Number:	3400297
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8980
Quanity Unit:	LB
Kilograms Quanity:	4073.32807
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	1970681
Shipment Date:	2015-02-23 00:00:00
Mainfest Document ID:	009640826JJK
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970682
Shipment Date:	2015-04-03 00:00:00

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mainfest Document ID:	009640864JJK
Reported Quanity:	600
Unit of Measure:	LB
Kilograms Quanity:	272.160004
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970688
Shipment Date:	2015-09-10 00:00:00
Mainfest Document ID:	009637512JJK
Reported Quanity:	480
Unit of Measure:	LB
Kilograms Quanity:	217.728003
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970685
Shipment Date:	2015-07-15 00:00:00
Mainfest Document ID:	009640967JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970687
Shipment Date:	2015-08-28 00:00:00
Mainfest Document ID:	009637501JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970684
Shipment Date:	2015-06-03 00:00:00
Mainfest Document ID:	009640913JJK
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970691
Shipment Date:	2015-11-24 00:00:00
Mainfest Document ID:	009637579JJK
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970686
Shipment Date:	2015-07-23 00:00:00
Mainfest Document ID:	009640970JJK
Reported Quanity:	900
Unit of Measure:	LB

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970680
Shipment Date:	2015-02-13 00:00:00
Mainfest Document ID:	009640810JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970689
Shipment Date:	2015-10-21 00:00:00
Mainfest Document ID:	009637543JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970690
Shipment Date:	2015-10-30 00:00:00
Mainfest Document ID:	009637562JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	895405
Received EPAID:	UTD991301748
Managed Quanity:	8980
Kilogram Quanity:	4073.32807
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	155452
Comments:	ANTIFREEZE/GLYCOL
Waste Sequence Number:	3400297
Sequence Number:	1

Waste Stream Source Code:

CORB Waste Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	1
WCDD Code:	G13

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001,D039	
Form Comm:		TBG: SPECIAL WASTE, SOLIDIFICATION
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		True
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		True
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602018071
Business Type:		Not reported
Mail Name:		Phoenix Environmental Svcs Inc
Mailing Address:		2212 Port of Tacoma Rd
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Phoenix Environmental Svcs Inc
Legal Organization Type:		Private
Legal Contact:		Mark Bridges
Legal Address:		2212 Port of Tacoma Rd
Legal Address 2:		Not reported
Legal City,State,Zip:		Tacoma, WA 98421
Legal Phone Number:		(253)779-8474
Legal Effective Date:		05/31/2000
Land Organization Name:		Not reported
Land Organization Type:		Private
Land Contact:		Mr & Mrs John D Nichols
Land Address:		3520 33rd St Ct NW
Land City,State,Zip:		Gig Harbor, WA 98335
Land Phone Number:		(253)858-5788
Operator Organization Name:		Phoenix Environmental Svcs Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2212 Port of Tacoma Rd
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)779-8474
Operator Effective Date:		06/30/2005
Site Contact:		Christine Bridges
Site Contact Address:		2212 Port of Tacoma Rd
Contact City,State,Zip:		Tacoma, WA 98421
Site Contact Phone Number:		(253)779-8474
Site Contact Email:		Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	150245
Sequence Number:	3339769
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11360
Quanity Unit:	LB
Kilograms Quanity:	5152.89608
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	N
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	94900
KG Managed On Site:	209218.437
Generator Treatment Code:	Y
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	H100
WCDB Code:	W319
Description:	Wastewater Treatment sludge
CORb Sequence Number:	150245
Sequence Number:	3339816
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	94900

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Quanity Unit:	LB
Kilograms Quanity:	43046.6407
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W204
Description:	Parts washer solvent D St
CORb Sequence Number:	150245
Sequence Number:	3339760
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	1838296
Shipment Date:	2014-09-26 00:00:00
Mainfest Document ID:	009640686JJK
Reported Quanity:	465
Unit of Measure:	LB
Kilograms Quanity:	210.924003
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838288
Shipment Date:	2014-12-30 00:00:00
Mainfest Document ID:	009640791JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3339769
Sequence Number:	1838293
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	009640587JJK
Reported Quanity:	950
Unit of Measure:	LB
Kilograms Quanity:	430.920007
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Sequence Number:	1838292
Shipment Date:	2014-05-14 00:00:00
Mainfest Document ID:	009640564JJK
Reported Quanity:	1200
Unit of Measure:	LB
Kilograms Quanity:	544.320009
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838290
Shipment Date:	2014-02-13 00:00:00
Mainfest Document ID:	009640496JJK
Reported Quanity:	850
Unit of Measure:	LB
Kilograms Quanity:	385.560006
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838289
Shipment Date:	2014-01-28 00:00:00
Mainfest Document ID:	009640479JJK
Reported Quanity:	1535
Unit of Measure:	LB
Kilograms Quanity:	696.276011
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838295
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	009640658JJK
Reported Quanity:	1023
Unit of Measure:	LB
Kilograms Quanity:	464.032807
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838294
Shipment Date:	2014-07-17 00:00:00
Mainfest Document ID:	009640623JJK
Reported Quanity:	1302
Unit of Measure:	LB
Kilograms Quanity:	590.587210
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838287
Shipment Date:	2014-11-26 00:00:00
Mainfest Document ID:	009640735JJK
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3339769
Sequence Number:	1838297
Shipment Date:	2014-10-24 00:00:00
Mainfest Document ID:	009640717JJK

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Reported Quanity:	1535
Unit of Measure:	LB
Kilograms Quanity:	696.276011
Receiving EPAID:	NED981723513
Waste Sequence Number:	3339769
Sequence Number:	1838291
Shipment Date:	2014-04-04 00:00:00
Mainfest Document ID:	009640524JJK
Reported Quanity:	1400
Unit of Measure:	LB
Kilograms Quanity:	635.040010
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	853950
Received EPAID:	UTD991301748
Managed Quanity:	1100
Kilogram Quanity:	498.960008
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3339769
Sequence Number:	853949
Received EPAID:	NED981723513
Managed Quanity:	10260
Kilogram Quanity:	4653.93608
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3339760
Sequence Number:	853898
Received EPAID:	NED981723513
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream Comments:

CORB Waste Sequence Number:	150245
Comments:	ANTIFREEZE/GLYCOL
Waste Sequence Number:	3339769
Sequence Number:	1
Comments:	TBG:SOLIDIFICATION
Waste Sequence Number:	3339816
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339760
Sequence Number:	7563685
WCDA Code:	D001

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Sequence Number:	3339760
Sequence Number:	7563686
WCDA Code:	D039

Waste Stream Source Code:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3339816
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3339760
Sequence Number:	1
WCDD Code:	G01

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D039
Form Comm:	TBG: Special waste, Solidification
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	True
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	B
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	61.1300000
KG Managed On Site:	269536.841
Generator Treatment Code:	Y
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	H110
WCDB Code:	W319
Description:	Wastewater Treatment sludge
CORb Sequence Number:	144759
Sequence Number:	3292806
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	122.260000

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Quanity Unit:	ST
Kilograms Quanity:	110914.273
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	144759
Sequence Number:	3292784
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2064
Quanity Unit:	GAL
Kilograms Quanity:	7808.16167
Density Number:	8.33999999
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W204
Description:	Parts washer solvent D St
CORb Sequence Number:	144759
Sequence Number:	3292793
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	GAL
Kilograms Quanity:	32.9313605
Density Number:	6.59999999
Density Quanity:	PPG

Shipment Received:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292795
Sequence Number:	9087946
Shipment Date:	2013-02-26 00:00:00
Manifest Document ID:	2130763
Unit of Measure:	GAL
Kilograms Quanity:	208.06632357874076

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Sending FACID:	WAD988504668
FK Waste Management SY Code:	Not reported
WCDE Code:	H039
Reported Quanity:	55
Waste Sequence Number:	3292795
Sequence Number:	9087947
Shipment Date:	2013-12-30 00:00:00
Manifest Document ID:	2135739
Unit of Measure:	GAL
Kilograms Quanity:	174.01910699312864
Sending FACID:	WAD988504668
FK Waste Management SY Code:	Not reported
WCDE Code:	H039
Reported Quanity:	46

Shipments Send:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292806
Sequence Number:	1747239
Shipment Date:	2013-10-07 00:00:00
Mainfest Document ID:	288824
Reported Quanity:	10.5
Unit of Measure:	ST
Kilograms Quanity:	9525.60016
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292806
Sequence Number:	1747238
Shipment Date:	2013-09-24 00:00:00
Mainfest Document ID:	286867
Reported Quanity:	11.67
Unit of Measure:	ST
Kilograms Quanity:	10587.0241
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292806
Sequence Number:	1747240
Shipment Date:	2013-10-17 00:00:00
Mainfest Document ID:	290464
Reported Quanity:	10.35
Unit of Measure:	ST
Kilograms Quanity:	9389.52016
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292806
Sequence Number:	1747241
Shipment Date:	2013-11-11 00:00:00
Mainfest Document ID:	293719
Reported Quanity:	11.34
Unit of Measure:	ST
Kilograms Quanity:	10287.6481
Receiving EPAID:	NOIDNEEDED
Waste Sequence Number:	3292806
Sequence Number:	1747242
Shipment Date:	2013-11-26 00:00:00

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mainfest Document ID:	295574
Reported Quanity:	8.33000000
Unit of Measure:	ST
Kilograms Quanity:	7556.97612
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747224
Shipment Date:	2013-08-28 00:00:00
Mainfest Document ID:	282776
Reported Quanity:	8.93999999
Unit of Measure:	ST
Kilograms Quanity:	8110.36813
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292793
Sequence Number:	1747139
Shipment Date:	2013-08-24 00:00:00
Mainfest Document ID:	009640378JJK
Reported Quanity:	11
Unit of Measure:	GAL
Kilograms Quanity:	32.9313605
Receiving EPAID:	NED981723513

Waste Sequence Number:	3292784
Sequence Number:	1747118
Shipment Date:	2013-07-16 00:00:00
Mainfest Document ID:	009640341JJK
Reported Quanity:	180
Unit of Measure:	GAL
Kilograms Quanity:	680.944331
Receiving EPAID:	NED981723513

Waste Sequence Number:	3292784
Sequence Number:	1747122
Shipment Date:	2013-12-29 00:00:00
Mainfest Document ID:	009640461JJK
Reported Quanity:	209
Unit of Measure:	GAL
Kilograms Quanity:	790.652029
Receiving EPAID:	NED981723513

Waste Sequence Number:	3292784
Sequence Number:	1747121
Shipment Date:	2013-11-15 00:00:00
Mainfest Document ID:	009640438JJK
Reported Quanity:	200
Unit of Measure:	GAL
Kilograms Quanity:	756.604813
Receiving EPAID:	NED981723513

Waste Sequence Number:	3292784
Sequence Number:	1747119
Shipment Date:	2013-08-08 00:00:00
Mainfest Document ID:	009640359JJK
Reported Quanity:	220
Unit of Measure:	GAL

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Kilograms Quanity: 832.265294
Receiving EPAID: NED981723513

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 144759
Waste Sequence Number: 3292806
Sequence Number: 821614
Received EPAID: NOIDNEEDED
Managed Quanity: 61.1300000
Kilogram Quanity: 55457.1369
Recycled Percentage: 0
Waste Management System Code: H100

Waste Sequence Number: 3292793
Sequence Number: 821561
Received EPAID: NED981723513
Managed Quanity: 11
Kilogram Quanity: 32.9313605
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3292784
Sequence Number: 821547
Received EPAID: NED981723513
Managed Quanity: 2064
Kilogram Quanity: 7808.16167
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 144759
Comments: Glycol from distillation process
Waste Sequence Number: 3292784
Sequence Number: 1

Comments: wastewater treatment sludge zinc, special waste
Waste Sequence Number: 3292806
Sequence Number: 1

Comments: Recycle antifreeze
Waste Sequence Number: 3292795
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 144759
Waste Sequence Number: 3292793
Sequence Number: 7350934
WCDA Code: D001

Waste Sequence Number: 3292793
Sequence Number: 7350935
WCDA Code: D039

Waste Stream Received:
CORB Sequence Number: 144759

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Sequence Number:	3292795
Description:	Spent Antifreeze
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	101
Quanity Unit:	GAL
Kilograms Quanity:	382.08543057186944
Density Number:	8.3399999999999999
Denisty Unit:	PPG
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	WT02
WCDB Code:	W113

Waste Stream Source Code:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292793
Sequence Number:	1
WCDD Code:	G01
Waste Sequence Number:	3292784
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3292806
Sequence Number:	1
WCDD Code:	G14

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:		PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:		1901 E D ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	
Form Comm:		MOVING OUT OF STATE - EFFECTIVE August 31 2005 - New operator taking over the site effective Sept. 1 2005 No DW Waste receiving or managed after 8/24/2005 for SQG Specialists as operators at this site!
Data Year:		Not reported
Permit by Rule:		F
Mailing Address 2:		Not reported
Treatment by Generator:		F
Mixed Radioactive Waste:		F
Importer of Hazardous Waste:		F
Immediate Recycler:		T
Treatment/Storage/Disposal/Recycling Facility:		F
Generator of Dangerous Fuel Waste:		F
Generator Marketing to Burner:		F
Other Marketers (i.e., blender, distributor, etc.):		F
Utility Boiler Burner:		F
Industry Boiler Burner:		F
Industrial Furnace:		F
Smelter Defferal:		F
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602018071
Business Type:		Not reported
Mail Name:		Phoenix Environmental Svcs Inc
Mailing Address:		2212 Port of Tacoma Rd
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Phoenix Environmental Svcs Inc
Legal Organization Type:		Private
Legal Contact:		Mark Bridges

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	T
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	T
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Name:		PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:		1901 E D ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	
Form Comm:		MOVING OUT OF STATE - EFFECTIVE August 31 2005 - New operator taking over the site effective Sept. 1 2005 No DW Waste receiving or managed after 8/24/2005 for SQG Specialists as operators at this site!
Data Year:		Not reported
Permit by Rule:		No
Mailing Address 2:		Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	Yes
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2003
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	Yes
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	Yes
Used Oil Fuel Marketer Meets Specs:	Yes
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AH141 **UNOCAL 76 MAJOR PETROLEUM** **WA VCP** **S124435216**
ENE **1302 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.420 mi.
2217 ft. **Site 1 of 2 in cluster AH**

Relative:
Higher

Actual:
22 ft.

VCP:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	61931157
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	6385
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AH142 **MAJOR PETROLEUM B.P.** **WA HSL** **U003355274**
ENE **1302 PUYALLUP AVE** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA LUST**
0.420 mi. **WA UST**
2217 ft. **Site 2 of 2 in cluster AH** **WA ALLSITES**
WA Financial Assurance
WA PTAP

Relative:
Higher

Actual:
22 ft.

HSL:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	61931157
Rank:	2

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Region: PLIA
EDR Link ID: 61931157
Region Decode: Not reported

CSCSL:
Name: UNOCAL 76 MAJOR PETROLEUM
Address: 1302 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 61931157
Region: Southwest
Lat/Long: 47.24187 / -122.41506
Clean Up Siteid: 6385
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: MAJOR PETROLEUM B.P.,MAJOR PETROLEUM BP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Pollution Liability Ins Agcy

LUST:
Name: UNOCAL 76 MAJOR PETROLEUM
Address: 1302 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 61931157
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6385
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: MAJOR PETROLEUM B.P.,MAJOR PETROLEUM BP
Response Section: Pollution Liability Ins Agcy
Release Date: 05/24/1989
Lust Date: 12/17/2007
Region: Southwest
Lust ID: 1764
UST ID: 7117
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24187 / -122.41506

UST:
Name: MAJOR PETROLEUM B.P.
Address: 1302 PUYALLUP AVE
City: TACOMA

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Zip:	98421
Facility ID:	61931157
Site Id:	7117
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24187
Decimal Longitude:	-122.41506

Tank Name:	1
Tag Number:	A4260
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	07/05/1971
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	A4260
Tank Status:	Operational

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	7
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	MAJOR PETROLEUM B.P.

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	8
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

ALLSITES:

Name:	UNOCAL 76 MAJOR PETROLEUM
Facility Id:	61931157

WA Financial Assurance 1:

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	05/09/2015
Expiration Date:	05/09/2016
Address 2:	Not reported
Policy Number:	WA640207-9
Effective Date:	04/09/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506
Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

MAJOR PETROLEUM B.P. (Continued) **U003355274**

DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/23/2016
Expiration Date:	05/08/2017
Address 2:	Not reported
Policy Number:	WA640207-10
Effective Date:	03/23/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/29/2017
Expiration Date:	05/08/2018
Address 2:	Not reported
Policy Number:	WA640207-11
Effective Date:	03/29/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	04/12/2018
Expiration Date:	05/08/2019
Address 2:	Not reported
Policy Number:	WA640207-12
Effective Date:	04/12/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	04/10/2019
Expiration Date:	05/08/2020
Address 2:	Not reported
Policy Number:	WA640207-13

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Effective Date:	04/10/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

PTAP:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Site ID:	PSW053
FSID Number:	61931157
Entry Date:	01/09/2019
Status:	In Progress

AI143 **TAFT & COMPANY** **WA ICR** **S104782993**
ENE **1239 PUYALLUP AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.423 mi.
2233 ft. **Site 1 of 3 in cluster AI**

Relative:
Higher

Actual:
21 ft.

ICR:

Date Ecology Received Report:	08/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Tank Removal, Site Assessment, and Cleanup
Date Ecology Received Report:	04/18/01

AI144 **TAFT & COMPANY 1239 PUYALLUP AVE** **WA VCP** **S124434023**
ENE **1239 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.423 mi.
2233 ft. **Site 2 of 3 in cluster AI**

Relative:
Higher

Actual:
21 ft.

VCP:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35539812
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-10-10

TAFT & COMPANY 1239 PUYALLUP AVE (Continued) **S124434023**

Rank: Not reported
Cleanup Siteid: 5932
Contaminant Name: Petroleum-Other
Soil: Confirmed Above Cleanup Levels

AI145 **TAFT & COMPANY 1239 PUYALLUP AVE** **WA LUST** **S104971325**
ENE **1239 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.423 mi.
2233 ft. **Site 3 of 3 in cluster AI**

Relative:
Higher

Actual:
21 ft.

LUST:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	35539812
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5932
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	TAFT & COMPANY
Response Section:	Southwest
Release Date:	08/18/2000
Lust Date:	10/10/2000
Region:	Southwest
Lust ID:	5574
UST ID:	549284
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2424167 / -122.41545

ALLSITES:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Facility Id:	35539812

CSCSL NFA:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	35539812
CS Id:	5932
NFA Date:	10/10/2000
Alternate Site Names:	TAFT & COMPANY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

TAFT & COMPANY 1239 PUYALLUP AVE (Continued) **S104971325**

Bedrock: Not reported
Latitude: 47.242416774
Longitude: -122.41545752

146
WNW
1/4-1/2
0.431 mi.
2274 ft.

DOCK STREET OVERPASS
21ST & DOCK ST
TACOMA, WA 98402

WA UST **U003604916**
WA ALLSITES **N/A**

Relative:
Lower

Actual:
3 ft.

UST:

Name:	DOCK STREET OVERPASS
Address:	21ST & DOCK ST
City:	TACOMA
Zip:	98402
Facility ID:	57172581
Site Id:	500464
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2433638733
Decimal Longitude:	-122.433862428
Tank Name:	A
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	DOCK STREET OVERPASS
Address:	21ST & DOCK ST
City:	TACOMA
Zip:	98402
Tank Name:	B
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999

DOCK STREET OVERPASS (Continued) **U003604916**

Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DOCK STREET OVERPASS
Facility Id:	57172581

AJ147 **NORTH COAST ELECTRIC CO** **WA ALLSITES** **S109824129**
East **1301 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.431 mi.
2278 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
42 ft.

ALLSITES:

Name:	NORTH COAST ELECTRIC CO
Facility Id:	15395

AK148 **KIEWIT PACIFIC CO TACOMA** **WA UST** **1000437043**
West **132 PUYALLUP AVE** **WA ALLSITES** **WAD988466892**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.434 mi. **FINDS**
2289 ft. **Site 1 of 2 in cluster AK** **ECHO**

Relative:
Higher

Actual:
48 ft.

UST:

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	95452652
Site Id:	8370
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23996
Decimal Longitude:	-122.43318
Tank Name:	1

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: KIEWIT PACIFIC CO TACOMA
Facility Id: 95452652

RCRA Listings:

Date Form Received by Agency:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Handler Address:	132 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988466892
Contact Name:	KIEWIT PACIFIC KIEWIT PACIFIC
Contact Address:	2200 COLUMBIA HOUSE BLVD
Contact City,State,Zip:	VANCOUVER, WA 98661
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2200 COLUMBIA HOUSE BLVD
Mailing City,State,Zip:	VANCOUVER, WA 98661
Owner Name:	KIEWIT PACIFIC K
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:23:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIEWIT PACIFIC CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1112
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC CO TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC K
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1112
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIEWIT PACIFIC CO TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Historic Generators:

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23731
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID:	110005349373

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000437043
Registry ID:	110005349373
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005349373
Name:	KIEWIT PACIFIC CO TACOMA
Address:	132 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

AL149 **ALL COTE COATINGS INC** **WA ALLSITES** **S109824372**
East **1311 E 25TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.439 mi.
2316 ft. **Site 1 of 2 in cluster AL**

Relative:
Higher

Actual:
23 ft.

ALLSITES:

Name:	BRESHON MACHINE
Facility Id:	9531
Name:	ALL COTE COATINGS INC
Facility Id:	54832571

AJ150 **HERITAGE ENTERPRISES INC** **WA ALLSITES** **1007078070**
East **1321 E 26TH ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.439 mi.
2316 ft. **Site 2 of 2 in cluster AJ**

Relative:
Higher

Actual:
43 ft.

ALLSITES:

Name:	HERITAGE ENTERPRISES INC
Facility Id:	5478619

FINDS:
Registry ID: 110015547540

Click Here:

Environmental Interest/Information System:

HERITAGE ENTERPRISES INC (Continued) **1007078070**

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

151
East
1/4-1/2
0.443 mi.
2340 ft.

TACOMA MOVING & STORAGE
1314 E 26TH ST
TACOMA, WA 98421

WA ALLSITES **S109824305**
N/A

Relative:
Higher

Actual:
53 ft.

ALLSITES:
Name: TACOMA MOVING & STORAGE
Facility Id: 856

AK152
West
1/4-1/2
0.445 mi.
2347 ft.

ALMAR INC TACOMA
119 1/2 PUYALLUP AVE
TACOMA, WA 98402

Site 2 of 2 in cluster AK

WA ALLSITES **1001490567**
RCRA NonGen / NLR **WAD988473948**
FINDS
ECHO

Relative:
Higher

Actual:
51 ft.

ALLSITES:
Name: ALMAR INC TACOMA
Facility Id: 32972784

RCRA Listings:

Date Form Received by Agency:	1998-09-25 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Handler Address:	119 1/2 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988473948
Contact Name:	MIKE FIEVEZ
Contact Address:	2301 E DOCK ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-572-2877
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2301 E DOCK ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ALMAR INC
Owner Type:	Private
Operator Name:	FIEVEZ, ROBERT

ALMAR INC TACOMA (Continued) **1001490567**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 16:45:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA

ALMAR INC TACOMA (Continued) **1001490567**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT F
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333-9711
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT F
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

ALMAR INC TACOMA (Continued) **1001490567**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-25 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

ALMAR INC TACOMA (Continued) **1001490567**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-01-17 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-03-05 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-09 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA

ALMAR INC TACOMA (Continued) **1001490567**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110008221619

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490567
Registry ID:	110008221619
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008221619
Name:	ALMAR INC TACOMA
Address:	119 1/2 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98402

AM153 **ARROW TRANSPORTATION COMPANY TACOMA TERMINAL** **WA ALLSITES** **1007081390**
North **457 E 18TH ST ARROW** **ICIS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.445 mi. **ECHO**
2352 ft. **Site 1 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:
Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Facility Id: 94425177

ICIS:
Enforcement Action ID: 10-1998-0019
FRS ID: 110015581324
Action Name: ARROW TRANSPORTATION COMPANY OF DELAWARE
Facility Name: ARROW TRANSPORTATION COMPANY TACOMA TERMINAL
Facility Address: 457 E 18TH ST ARROW
TACOMA, WA 98421
Enforcement Action Type: Bankruptcy
Facility County: PIERCE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: BNK
Facility SIC Code: 4213
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.247125
Longitude in Decimal Degrees: -122.425756
Permit Type Desc: Not reported
Program System Acronym: 21227
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

FINDS:
Registry ID: 110015581324

Click Here:

ARROW TRANSPORTATION COMPANY TACOMA TERMINAL (Continued) **1007081390**

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007081390
Registry ID:	110015581324
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015581324
Name:	ARROW TRANSPORTATION CO TACOMA TERMINAL
Address:	457 E 18TH ST ARROW
City,State,Zip:	TACOMA, WA 98421

AM154 **MPS INC** **WA ALLSITES** **1007081389**
North **457 E 18TH ST FRONT OF BLDG 2ND FLOOR** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.445 mi.
2352 ft. **Site 2 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	MPS INC
Facility Id:	24976983

FINDS:
Registry ID: 110015581315

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

MPS INC (Continued) **1007081389**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007081389
Registry ID:	110015581315
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015581315
Name:	MPS INC
Address:	457 E 18TH ST FRONT OF BLDG 2ND FLOOR
City,State,Zip:	TACOMA, WA 98421

AM155 **TRUCK RAIL HANDLING INC TRANSPORTER** **WA ALLSITES** **1005445033**
North **457 E 18TH ST TRANSPORTER** **RCRA NonGen / NLR** **WAH000012781**
1/4-1/2 **TACOMA, WA 98421**
0.445 mi.
2352 ft. **Site 3 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Facility Id:	22736925

RCRA Listings:

Date Form Received by Agency:	2004-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Handler Address:	457 E 18TH ST TRANSPORTER
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000012781
Contact Name:	LYNNE LASATER
Contact Address:	45051 INDUSTRIAL DR
Contact City,State,Zip:	FREMONT, CA 94538
Contact Telephone:	510-657-4267
Contact Fax:	Not reported
Contact Email:	LLASATER@QATP-TRH.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	457 E 18TH ST TRANSPORTER
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TRUCK RAIL HANDLING INC
Owner Type:	Private
Operator Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:14:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HAND T
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JIM C
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1506
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Legal Status:	Private
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Owner/Operator Email:	Not reported

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Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
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Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Historic Generators:

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-09-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

AM156 **SAFETY KLEEN SYSTEMS 457 E 18TH** **WA ALLSITES** **S109555312**
North **457 E 18TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.445 mi.
2352 ft. **Site 4 of 5 in cluster AM**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	SAFETY KLEEN SYSTEMS 457 E 18TH
Facility Id:	53196144

AM157 **TRUCK RAIL HANDLING INC** **RCRA-VSQG** **1001226262**
North **457 E 18TH ST** **WA HSL** **WAH000002261**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL**
0.445 mi. **WA ALLSITES**
2352 ft. **Site 5 of 5 in cluster AM** **WA SPILLS**
WA MANIFEST
Relative: **WA NPDES**
Lower

Actual:
10 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Handler Address:	457 E 18TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000002261
Contact Name:	MIKE MCPHERSON
Contact Address:	457 E 18TH ST.
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-377-0102
Contact Fax:	Not reported
Contact Email:	MMCPHERSON@QATP-TRH.COM
Contact Title:	TERMINAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TRUCK RAIL HANDLING INC
Owner Type:	Private
Operator Name:	TRUCK RAIL HANDLING INC., MIKE MCPHERSON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
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Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
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Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	103
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	1999-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
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Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	103
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CADY, BRAD
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC., MIKE MCPHERSON
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRAD CADY
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-01 00:00:00.0

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-28 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-10-28 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-09 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-08-21 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-02 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-26 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-04-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-04-11 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-03 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified

TRUCK RAIL HANDLING INC (Continued) **1001226262**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-01-07 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Receive Date:	2011-03-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-04 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-23 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-23 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-03-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48821

TRUCK RAIL HANDLING INC (Continued) **1001226262**

NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code: 488210
NAICS Description: SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	2014-06-19 00:00:00.0
Actual Return to Compliance Date:	2014-11-24 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-11-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-11-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	2010-09-01 00:00:00.0
Actual Return to Compliance Date:	2010-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-06-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-11-24 00:00:00.0
Scheduled Compliance Date:	2014-11-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-12-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2010-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Former Citation:	Not reported
Evaluation Date:	2002-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HSL:

Name:	TRUCK RAIL HANDLING INC
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	63316697
Rank:	4
Region:	SW
EDR Link ID:	63316697
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	63316697
Region:	Southwest
Lat/Long:	47.247 / -122.42381
Clean Up Siteid:	11416
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	MPS TACOMA INC
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	63316697
Region:	Southwest
Lat/Long:	47.247 / -122.42381

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Clean Up Siteid: 11416
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: MPS TACOMA INC
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TRUCK RAIL HANDLING INC
Address: 457 E 18TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 63316697
Region: Southwest
Lat/Long: 47.247 / -122.42381
Clean Up Siteid: 11416
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: MPS TACOMA INC
Site Rank: 4 - Low-Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TRUCK RAIL HANDLING INC
Facility Id: 63316697

SPILLS:
Name: Not reported
Address: 457 E 18TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 107483
Medium: Industrial Property
Material Desc: JET FUEL/KEROSENE
Material Qty: 1
Material Units: Gals
Date Received: Not reported
Contact Name: Not reported
Incident Date: 07/18/2019
Incident Category Type: Oil Spill
Incident Category: Oil Spill

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Latitude:	47.247
Longitude:	-122.42381
Source Type:	Vehicle
Source:	Tank Truck
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Katey Potter
Cause:	PSC Environmental spill 7/18/19
Cause Type:	Not reported
Resp Party Name:	PSC Environmental Services

Name:	Not reported
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107483
Medium:	Industrial Property
Material Desc:	JET FUEL/KEROSENE
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	07/18/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.247
Longitude:	-122.42381
Source Type:	Vehicle
Source:	Tank Truck
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	PSC Environmental Services

Name:	TRUCK RAIL HANDLING
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	561993
Medium:	Not reported
Material Desc:	WATER
Material Qty:	100
Material Units:	GALLON
Date Received:	04/18/2007
Contact Name:	CADY
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Resp Party Name:	Not reported

Name:	SAFETY-KLEEN (CLEAN HARBORS)
Address:	457 E. 18TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	655878
Medium:	IMPERMEABLE CONTAINMENT
Material Desc:	Used Oil
Material Qty:	300
Material Units:	GALLON
Date Received:	03/30/2015
Contact Name:	Plummer
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Mail Name:	Not reported
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc., Mike McPherson
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253) 383-1009
Operator Effective Date:	01/01/2008
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatptrh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatptrh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Truck Rail Handling Inc
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1506
Legal Organization Name:		Truck Rail Handling Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		45051 INDUSTRIAL DR
Legal Address 2:		Not reported
Legal City,State,Zip:		FREMONT, CA 94538
Legal Phone Number:		510657-4267 103
Legal Effective Date:		08/21/2000
Land Organization Name:		Truck Rail Handling Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		45051 INDUSTRIAL DR
Land City,State,Zip:		FREMONT, CA 94538
Land Phone Number:		(510)657-4267
Operator Organization Name:		Truck Rail Handling Inc.
Operator Organization Type:		Private
Operator:		Mike McPherson
Operator Address:		457 E 18th St
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421
Operator Phone Number:		(253)383-1009 ,ext 105
Operator Effective Date:		01/01/2008
Site Contact:		Mike McPherson
Site Contact Address:		457 E 18TH ST
Contact City,State,Zip:		TACOMA, WA 98421-1506
Site Contact Phone Number:		(253)383-1009 ,ext 105
Site Contact Email:		mmcpherson@qatp-trh.com

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Brad Cady
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009
Operator Effective Date:	07/28/1997
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009
Site Contact Email:	jcrews@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Brad Cady
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009
Operator Effective Date:	07/28/1997
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009
Site Contact Email:	jcrews@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR002841
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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158 **BROWN & HALEY INC FACTORY SITE TACOMA** **WA ALLSITES** **1004613541**
WSW **110 E 26TH ST** **RCRA NonGen / NLR** **WAD043450014**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.448 mi. **ECHO**
2368 ft. **WA ASBESTOS**

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Facility Id:	66127836

RCRA Listings:

Date Form Received by Agency:	2005-04-21 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Handler Address:	110 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD043450014
Contact Name:	LESLIE DIX JR
Contact Address:	110 E 26TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-620-3054
Contact Fax:	Not reported
Contact Email:	LESDIX@BROWN-HALEY.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	110 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	BROWN HALEY INC
Owner Type:	Private
Operator Name:	BROWN HALEY INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:34:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY I B
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1596
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1596
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY I B
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-21 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-28 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-03 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-25 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-14 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-27 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	31133
NAICS Description:	CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005320161

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
OSHA ESTABLISHMENT
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110070345555

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004613541
Registry ID:	110005320161
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005320161
Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Address:	110 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

ASBESTOS:

Name:	Not reported
Address:	110 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	55899##1365Assur381947
Notice Date:	01/06/2012
Start Date:	01/07/2012
Completion Date:	01/07/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Assured Quality Environmental, (ABCN00001365)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602215666
Notice type:	Emergency
Project Type:	Other linear footage
Supervisor:	Gonzo Sanchez ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	110 EAST 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	57614##1365Assur425326
Notice Date:	03/16/2012
Start Date:	03/26/2012
Completion Date:	03/26/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Assured Quality Environmental, (ABCN00001365)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602215666
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Other linear footage
Supervisor:	Gonzo Sanchez ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	96191
Form ID:	96656##1022FSGSS811720
Notice Date:	02/18/2015
Start Date:	02/17/2015
Completion Date:	02/17/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project completed 2-17-15
Date Time Submitted:	2015-02-18 08:43:20
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	96191
Form ID:	96657##1022FSGSS811720
Notice Date:	02/18/2015
Start Date:	02/17/2015
Completion Date:	02/17/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project completed 2-17-15
Date Time Submitted:	2015-02-18 08:43:39
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	0
Form ID:	96191##1022FSGSS980631
Notice Date:	02/05/2015
Start Date:	02/17/2015
Completion Date:	02/27/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-02-05 10:36:38
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137793#1965987615
Notice Date:	02/13/2019
Start Date:	02/13/2019
Completion Date:	02/14/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Emergency
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Vladislav Lazarov (2019022524A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 EAST 26TH ST.
City,State,Zip:	TACOMA, WA

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	124633#2009573008
Notice Date:	06/18/2018
Start Date:	06/04/2018
Completion Date:	06/22/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Other Square Footage
Supervisor:	Forrest Hamilton (2019032875A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 EAST 26TH ST.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	124633#2009573008
Notice Date:	05/22/2018
Start Date:	06/04/2018
Completion Date:	06/29/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Other Square Footage
Supervisor:	Forrest Hamilton (2019032875A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

AN159 **TAFT & COMPANY** **WA VCP** **S124435613**
ENE **1247 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.455 mi.
2400 ft. **Site 1 of 3 in cluster AN**

Relative:
Lower

Actual:
20 ft.

VCP:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	70168999
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-10-10
Rank:	Not reported
Cleanup Siteid:	6536
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AN160 ENE 1/4-1/2 0.455 mi. 2400 ft. — **WASHINGTON TEXTILE COMPANY**, **1247 PUYALLUP AVE.**, **TACOMA, WA 98421** — **WA ICR** — **S104782963**, **N/A**

Site 2 of 3 in cluster AN

Relative: Lower
Actual: 20 ft.

ICR:

Date Ecology Received Report:	12/02/93
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Underground Storage Tank Removal

Date Ecology Received Report:	08/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Tank Removal, Site Assessment, and Cleanup

AN161 ENE 1/4-1/2 0.455 mi. 2400 ft. — **TAFT & COMPANY**, **1247 PUYALLUP AVENUE**, **TACOMA, WA 98421** — **WA LUST**, **WA UST**, **WA ALLSITES**, **WA CSCSL NFA** — **U003354610**, **N/A**

Site 3 of 3 in cluster AN

Relative: Lower
Actual: 20 ft.

LUST:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	70168999
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6536
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	11/19/1992
Lust Date:	10/10/2000
Region:	Southwest
Lust ID:	2423
UST ID:	4667
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2427112 / -122.41482

TAFT & COMPANY (Continued) **U003354610**

UST:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421
Facility ID:	70168999
Site Id:	4667
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2427112176462
Decimal Longitude:	-122.414827320403

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported

TAFT & COMPANY (Continued) **U003354610**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVENUE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported

TAFT & COMPANY (Continued) **U003354610**

Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TAFT & COMPANY
Facility Id:	70168999

CSCSL NFA:

Name:	TAFT & COMPANY
Address:	1247 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	70168999
CS Id:	6536
NFA Date:	10/10/2000
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242711218
Longitude:	-122.41482732

162
West
1/4-1/2
0.456 mi.
2409 ft.

PUGET SOUND TIRE
102 PUYALLUP RD
TACOMA, WA 98421

WA ALLSITES **S110276429**
N/A

Relative:
Higher

Actual:
54 ft.

ALLSITES:

Name:	EAGLE TIRE & AUTO TACOMA
Facility Id:	23676
Name:	PUGET SOUND TIRE

PUGET SOUND TIRE (Continued) **S110276429**

Facility Id: 95895443

AL163 **LILYBLAD PETROLEUM INC EPA 25T** **WA SWF/LF** **1000441154**
East **1313 E 25TH ST** **WA ALLSITES** **WAD980833586**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.457 mi. **FINDS**
2411 ft. **Site 2 of 2 in cluster AL** **ECHO**

Relative:
Higher

Actual:
23 ft.

SWF/LF:

Name:	NU-TREAD TIRES LLC
Address:	1313 E 25TH
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2157
Region:	STATE
Permit Status:	Recycle Survey
Contact Organization:	Nu-Tread Tires LLC
Contact Address1:	1313 E 25th
Contact Address2:	Not reported
Contact City:	Tacoma
Contact State:	WA
Contact Postal:	98421
Contact EMail:	Not reported
Contact Phone:	(253) 572-9063
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	(253) 572-9063
Operator Name:	Not reported
Operator Organization:	Nu-Tread Tires LLC
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	1591
Ownership:	Not reported
Facility Type:	Recycling (non-regulated)
Contact Name:	Tom Smitham
Contact Title:	Owner
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	LILYBLAD PETROLEUM INC EPA 25T
Facility Id:	82343515

RCRA Listings:

Date Form Received by Agency:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Handler Address:	1313 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD980833586
Contact Name:	LILYBLAD PETROL LILYBLAD PETROL
Contact Address:	PO BOX 1381
Contact City,State,Zip:	TACOMA, WA 98401-1381
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1381
Mailing City,State,Zip:	TACOMA, WA 98401-1381
Owner Name:	LILYBLAD PETROL L
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Not reported
Groundwater Controls Indicator:	Not reported
Operating TSDF Universe:	Not reported

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LILYBLAD PETROL L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LILYBLAD PETROLEUM INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325188
NAICS Description:	ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005334575

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000441154
Registry ID:	110005334575
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005334575
Name:	LILYBLAD PETROLEUM INC EPA 25T
Address:	1313 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

164
ENE
1/4-1/2
0.458 mi.
2419 ft.

BETTE MCBRIER
1320 PUYALLUP AVE
TACOMA, WA 98421

WA CSCSL **U003750415**
WA UST **N/A**
WA ALLSITES
WA ASBESTOS

Relative:
Higher

Actual:
23 ft.

CSCSL:

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BETTE MCBRIER
Address: 1320 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 64297321
Region: Southwest
Lat/Long: 47.2418832483 / -122.414443744
Clean Up Siteid: 13150
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BETTE MCBRIER
Address: 1320 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 64297321
Region: Southwest
Lat/Long: 47.2418832483 / -122.414443744
Clean Up Siteid: 13150
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UST:
Name: BETTE MCBRIER
Address: 1320 PUYALLUP AVE
City: TACOMA
Zip: 98421
Facility ID: 64297321
Site Id: 508059
UBI: Not reported

BETTE MCBRIER (Continued) **U003750415**

Phone Number:	Not reported
Decimal Latitude:	47.2418832483
Decimal Longitude:	-122.414443744

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BETTE MCBRIER
Facility Id:	64297321

ASBESTOS:

Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	118115
Form ID:	119152##1210Therm188302
Notice Date:	07/12/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1

BETTE MCBRIER (Continued) **U003750415**

Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	ON HOLD Tuesday 7-12-16 at 730am
Date Time Submitted:	2016-07-12 07:28:43
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	118115##1210Therm574516
Notice Date:	06/21/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC

BETTE MCBRIER (Continued) **U003750415**

Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-21 10:14:29
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	118115
Form ID:	132436##1210Therm208225
Notice Date:	09/16/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1

BETTE MCBRIER (Continued) **U003750415**

Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	This project was completed.
Date Time Submitted:	2016-09-16 15:57:04
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

165 NW 1/4-1/2 0.460 mi. 2431 ft.

JOHNNYS DOCK MARINA
1900 E D ST
TACOMA, WA 98421

WA ALLSITES **S109552363**
WA SPILLS **N/A**

Relative: Lower
Actual: 9 ft.

ALLSITES:

Name:	JOHNNYS DOCK MARINA
Facility Id:	1511390

SPILLS:

Name:	V/ HALE VICTOR
Address:	1900 E D ST
City,State,Zip:	TACOMA, WA
Facility ID:	656962
Medium:	SURFACE WATER-MARINE
Material Desc:	DUST
Material Qty:	1
Material Units:	OTHER
Date Received:	05/22/2015
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

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166 WNW 1/4-1/2 0.465 mi. 2453 ft.

STANDARD CHEMICAL CO SITE
2159 DOCK ST
TACOMA, WA 98402

WA HSL **S105430831**
WA CSCSL **N/A**
WA INST CONTROL
WA ALLSITES

Relative: Higher
Actual: 29 ft.

HSL:

Name:	STANDARD CHEMICAL CO SITE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	85776142
Rank:	0
Region:	SW
EDR Link ID:	85776142
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	STANDARD CHEMICAL CO SITE

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Phenolic Compounds
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/11/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2022000021
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	True

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	True
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001832
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0050630206e+011
Filing Date Of Individual IC Doc:	06/30/2005
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001832
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	STANDARD CHEMICAL CO SITE
Facility Id:	85776142

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167 SSE 1/4-1/2 0.466 mi. 2458 ft. | **HOOD ST RESERVOIR** | **WA ALLSITES** | **1001600510**
3110 I ST S | **RCRA NonGen / NLR** | **WAH000009001**
TACOMA, WA 98409 | **FINDS**
ECHO
WA MANIFEST

Relative: Higher
Actual: 245 ft.

ALLSITES:

Name:	HOOD ST RESERVOIR
Facility Id:	2788228

RCRA Listings:

Date Form Received by Agency:	2019-02-25 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Handler Address:	3110 I ST S
Handler City,State,Zip:	TACOMA, WA 98409
EPA ID:	WAH000009001
Contact Name:	JAMES BOZIC
Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-502-8767
Contact Fax:	Not reported
Contact Email:	JBOZIC@CITYOFTACOMA.ORG
Contact Title:	SENIOR ENVIRONMENTAL SPECIALIST
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	TACOMA PUBLIC UTILITIES
Owner Type:	Municipal
Operator Name:	TACOMA PUBLIC UTILITIES - HOOD ST RESERVOIR
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 18:52:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

HOOD ST RESERVOIR (Continued) **1001600510**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: TACOMA PUBLIC UTILITIES
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3628 S 35TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98409-3192
Owner/Operator Telephone: 253-502-8300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA PUBLIC UTILITIES
Legal Status: Private
Date Became Current: 1999-07-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3628 S 35TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98409
Owner/Operator Telephone: 253-502-8300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA PUBLIC UTILITIES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3628 S 35TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98409
Owner/Operator Telephone: 253-502-8300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA PUBLIC UTILITIES
Legal Status: Private
Date Became Current: 1999-07-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 3628 S 35TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98409
Owner/Operator Telephone: 253-502-8300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES

HOOD ST RESERVOIR (Continued) **1001600510**

Legal Status:	Municipal
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL P
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES - HOOD ST RESERVOIR
Legal Status:	Municipal
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC U T
Legal Status:	Private

HOOD ST RESERVOIR (Continued) **1001600510**

Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-02-29 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-27 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-01 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-07-01 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-08 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-04-30 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-27 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-29 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-10 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-15 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-25 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22131
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

NAICS Code:	221310
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005395722

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a

HOOD ST RESERVOIR (Continued) **1001600510**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600510
Registry ID:	110005395722
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005395722
Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409

WA MANIFEST:

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3628 S 35TH ST

HOOD ST RESERVOIR (Continued) **1001600510**

Mailing City,State,Zip:	TACOMA, WA 98409
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Public Utilities - Hood St Reserv
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017

HOOD ST RESERVOIR (Continued) **1001600510**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Jeromy Adams
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8300
Site Contact Email:	jadams2@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

HOOD ST RESERVOIR (Continued) **1001600510**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300

HOOD ST RESERVOIR (Continued) **1001600510**

Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Jeromy Adams
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8300
Site Contact Email:	jadams2@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		HOOD ST RESERVOIR
Address:		3110 I ST S
City,State,Zip:		TACOMA, WA 98409
Facility Address 2:		Not reported
Facility ID:		2788228
EPA ID:		WAH000009001
NAICS:		221310
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Jeromy Adams
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Samuel R Rupert
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8513
Site Contact Email:	srupert@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

HOOD ST RESERVOIR (Continued) **1001600510**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Sodium Hydroxide Waste (D002)
CORb Sequence Number:	155430
Sequence Number:	3400181
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	750
Quanity Unit:	GAL
Kilograms Quanity:	4315.44186
Density Number:	1.52
Density Quanity:	SPG

Shipments Send:

CORB Waste Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	1970416
Shipment Date:	2015-08-06 00:00:00
Mainfest Document ID:	012247149FLE
Reported Quanity:	750
Unit of Measure:	GAL
Kilograms Quanity:	4315.44186
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	895286
Received EPAID:	WAD020257945
Managed Quanity:	750
Kilogram Quanity:	4315.44186
Recycled Percentage:	0
Waste Management System Code:	H070

Waste Stream EPA Code:

CORB Waste Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	7817236
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	155430
Waste Sequence Number:	3400181
Sequence Number:	1
WCDD Code:	G32

AO168 **SUPERVALU HOLDINGS INC** **WA LUST** **U003354622**
NNW **448 E 18TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.467 mi. **WA SPILLS**
2466 ft. **Site 1 of 2 in cluster AO** **WA MANIFEST**

Relative:
Lower

Actual:
8 ft.

LUST:

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Benzene
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

ALLSITES:

Name:	SUPERVALU INC PRODUCE
Facility Id:	66615685

CSCSL NFA:

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO

SUPERVALU HOLDINGS INC (Continued) **U003354622**

NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685

SUPERVALU HOLDINGS INC (Continued) **U003354622**

CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

SPILLS:

Name:	TACOMA POWER
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	547308
Medium:	Not reported
Material Desc:	PETROLEUM - MINERAL OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	04/07/2005
Contact Name:	POST
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	SUPERVALU HOLDINGS INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Used Oil Transfer Facility:		False
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		SUPERVALU HOLDINGS INC
Address:		448 E 18TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		66615685
EPA ID:		WAH000050368
NAICS:		493120
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001,D002	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Dept 81014
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		603268500
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		PO Box 20
Mailing City,State,Zip:		Boise, ID 83726
Legal Organization Name:		Supervalu Holdings Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		PO Box 20 Dept 81014
Legal Address 2:		Not reported
Legal City,State,Zip:		Boise, ID 83726
Legal Phone Number:		(208)395-4793
Legal Effective Date:		12/01/1995
Land Organization Name:		Supervalu Holdings Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		PO Box 20 Dept 81014
Land City,State,Zip:		Boise, ID 83726
Land Phone Number:		(208)395-4793
Operator Organization Name:		Supervalu Holdings Inc
Operator Organization Type:		Private
Operator:		Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU HOLDINGS INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	WT02

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-Listed Ignitable (D001)
CORb Sequence Number:	155875
Sequence Number:	3402094
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21.8500000
Quanity Unit:	LB
Kilograms Quanity:	9.91116017
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-Listed Corrosive (D002)
CORb Sequence Number:	155875
Sequence Number:	3402095
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	145.650000
Quanity Unit:	LB
Kilograms Quanity:	66.0668411
Density Number:	0
Density Quanity:	Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-RCRA Liquids & Solids (WT02)
CORb Sequence Number:	155875
Sequence Number:	3402096
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4778
Quanity Unit:	LB
Kilograms Quanity:	2167.30083
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	1975764
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	9.05000000
Unit of Measure:	LB
Kilograms Quanity:	4.10508007
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402094
Sequence Number:	1975763
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	12.8000000
Unit of Measure:	LB
Kilograms Quanity:	5.80608009
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402095
Sequence Number:	1975765
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	145.650000
Unit of Measure:	LB
Kilograms Quanity:	66.0668411
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402096
Sequence Number:	1975766
Shipment Date:	2015-11-30 00:00:00
Mainfest Document ID:	008603551FLE
Reported Quanity:	4778
Unit of Measure:	LB

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Kilograms Quanity:	2167.30083
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	897384
Received EPAID:	WAD020257945
Managed Quanity:	9.05000000
Kilogram Quanity:	4.10508007
Recycled Percentage:	0
Waste Management System Code:	H050
Waste Sequence Number:	3402094
Sequence Number:	897383
Received EPAID:	WAD020257945
Managed Quanity:	12.8000000
Kilogram Quanity:	5.80608009
Recycled Percentage:	0
Waste Management System Code:	H010
Waste Sequence Number:	3402095
Sequence Number:	897385
Received EPAID:	WAD020257945
Managed Quanity:	145.650000
Kilogram Quanity:	66.0668411
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	3402096
Sequence Number:	897386
Received EPAID:	WAD020257945
Managed Quanity:	4778
Kilogram Quanity:	2167.30083
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream EPA Code:

CORB Waste Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	7829248
WCDA Code:	D001
Waste Sequence Number:	3402095
Sequence Number:	7829251
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	1
WCDD Code:	G31
Waste Sequence Number:	3402095
Sequence Number:	1
WCDD Code:	G31

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Waste Sequence Number:	3402096
Sequence Number:	1
WCDD Code:	G31

AO169
NNW
1/4-1/2
0.467 mi.
2466 ft.

WEST COAST FRUIT & PRODUCE **WA ICR** **S104488074**
448 E. 18TH ST. **N/A**
TACOMA, WA 98401

Site 2 of 2 in cluster AO

Relative:
Lower

Actual:
8 ft.

ICR:

Date Ecology Received Report:	07/23/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	92-29
County Code:	27
Contact:	Not reported
Report Title:	Not reported

170
West
1/4-1/2
0.468 mi.
2473 ft.

SPRING BACK MATTRESS RECYCLING **WA SWF/LF** **S114402464**
2301 DOCK STREET **WA SWRCY** **N/A**
TACOMA, WA 98421

Relative:
Higher

Actual:
45 ft.

SWF/LF:

Name:	SPRING BACK MATTRESS RECYCLING
Address:	2301 DOCK STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2732
Region:	STATE
Permit Status:	Exempt
Contact Organization:	NW Furniture Bank DBA Springback Mattress Recyclin
Contact Address1:	Po Box 307
Contact Address2:	Not reported
Contact City:	Wauna
Contact State:	WA
Contact Postal:	98395
Contact EMail:	jsimler@springbackrecycling.org
Contact Phone:	(253) 627-1290
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-627-1290
Operator Name:	Jeremy Simler
Operator Organization:	NW Furniture Bank DBA Springback Mattress Recyclin
Operator EMail:	jsimler@springbackrecycling.org
Operator Title:	Project Manager
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Material Recovery Facility (exempt)
Contact Name:	Jeremy Simler
Contact Title:	Project Manager

SPRING BACK MATTRESS RECYCLING (Continued) **S114402464**

Year Closed: Not reported
Open to Public Flag: No
Website: www.nwfuniturebank.org
Latitude: Not reported
Longitude: Not reported

SWRCY:
Name: SPRING BACK MATTRESS RECYCLING NW
Address: 2301 DOCK ST
City,State,Zip: TACOMA, WA 98421
Phone: (253) 302-3868
Website: http://www.springbackrecycling.com/locations/tacoma/
Material Accepted: Mattresses
Type: Residential
Service Type: Dropoff
Hours: Mon-Fri, 9am-4pm; Sat, 9am-2pm
Comments: Located behind the NW Furniture Bank. $10 fee per piece for drop off.
Material Category: Home & Garden
Organization ID: 1509
Organization Name: Spring Back Mattress Recycling NW
Organization Contact: No Longer Tracked
Organization Email: No Longer Tracked
E-Cycle: No
Light Recycle: No

Name: SPRING BACK MATTRESS RECYCLING NW
Address: 2301 DOCK ST
City,State,Zip: TACOMA, WA 98421
Phone: (253) 302-3868
Website: http://www.springbackrecycling.com/locations/tacoma/
Material Accepted: Mattresses
Type: Residential
Service Type: Pickup
Hours: Mon-Fri, 9am-4pm; Sat, 9am-2pm
Comments: Pickup within 15 mile radius. $20 fee per piece.
Material Category: Home & Garden
Organization ID: 1509
Organization Name: Spring Back Mattress Recycling NW
Organization Contact: No Longer Tracked
Organization Email: No Longer Tracked
E-Cycle: No
Light Recycle: No

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171 WNW 1/4-1/2 0.473 mi. 2499 ft. | **THEA FOSS WATERWAY ESPLANADE SITE 1** | **WA ALLSITES** | **S110040699**
2101 DOCK ST | **N/A**
TACOMA, WA 98405

Relative: Lower
Actual: 18 ft.

ALLSITES:
Name: THEA FOSS WATERWAY ESPLANADE SITE 1
Facility Id: 24929

172 NW 1/4-1/2 0.476 mi. 2513 ft.

Relative: Lower

Actual: 10 ft.

TACOMA FIXTURE CO.
1815 E D ST
TACOMA, WA 98421

WA ALLSITES
RCRA NonGen / NLR
ICIS
US AIRS
WA MANIFEST
WA NPDES

1000334216
WAD099045353

ALLSITES:

Name:	TACOMA FIXTURE COMPANY
Facility Id:	6212892

RCRA Listings:

Date Form Received by Agency:	2007-04-07 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Handler Address:	1815 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD099045353
Contact Name:	JASON WYNIA
Contact Address:	1815 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-831-6249
Contact Fax:	Not reported
Contact Email:	DAD2BG@AOL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1815 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	HOME ELECTRIC
Owner Type:	Private
Operator Name:	TACOMA FIXTURE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:24:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

TACOMA FIXTURE CO. (Continued) **1000334216**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Operator

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN B
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-431-6696
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1505
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN K
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1505
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

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Owner/Operator Email:	Not reported

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Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98102
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Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-08-18 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-07 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TACOMA FIXTURE CO. (Continued) **1000334216**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-06 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-03-04 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC

TACOMA FIXTURE CO. (Continued) **1000334216**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-20 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-19 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-08-18 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Receive Date:	2007-04-05 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	TACOMA FIXTURE COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	TACOMA FIXTURE COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 321911
NAICS Description: WOOD WINDOW AND DOOR MANUFACTURING

NAICS Code: 33711
NAICS Description: WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

NAICS Code: 337129
NAICS Description: WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2003-10-28 00:00:00.0
Actual Return to Compliance Date: 2003-10-28 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-12-05 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAAME
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0
Actual Return to Compliance Date:	2003-12-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-12-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0

TACOMA FIXTURE CO. (Continued) **1000334216**

Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0

TACOMA FIXTURE CO. (Continued) **1000334216**

Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL

TACOMA FIXTURE CO. (Continued) **1000334216**

Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANDL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-12-15 00:00:00.0
Scheduled Compliance Date:	2003-12-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State

TACOMA FIXTURE CO. (Continued) **1000334216**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-10-28 00:00:00.0

TACOMA FIXTURE CO. (Continued) **1000334216**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ICIS:

Enforcement Action ID:	WAPSCAI000000000000000085
FRS ID:	110000774387
Action Name:	3-007451 NOV
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530017000033
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000033
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000030
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000030
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000027
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000027
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000022
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000022
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000020
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000020
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000018
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000018
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000015
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000015
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal

TACOMA FIXTURE CO. (Continued) **1000334216**

EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000013
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000013
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000006
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000006
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000005
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000005
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	10-1995-0098
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE COMPANY, INC.
Facility Name:	TACOMA FIXTURE CO.
Facility Address:	1815 E D ST TACOMA, WA 98421-1598
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	2434
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.246677
Longitude in Decimal Degrees:	-122.430657
Permit Type Desc:	Not reported
Program System Acronym:	9048
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET

TACOMA FIXTURE CO. (Continued) **1000334216**

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

US AIRS (AFS):
Envid: 1000334216
Region Code: 10
County Code: WA053
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
D and B Number: Not reported
Facility Site Name: TACOMA FIXTURE CO INC
Primary SIC Code: Not reported
NAICS Code: 321918
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-06-12 00:00:00
Activity Status Date: 2015-10-14 17:09:16

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2016-08-30 00:00:00
Activity Status Date:	2016-10-11 11:31:46
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Active

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2011-07-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-04-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI

TACOMA FIXTURE CO. (Continued) **1000334216**

Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2014-04-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2011-07-20 00:00:00
Activity Status Date:	2011-07-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-07 00:00:00
Activity Status Date:	2012-06-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2015-09-16 00:00:00
Activity Status Date:	2015-09-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-01-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170

TACOMA FIXTURE CO. (Continued) **1000334216**

Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-07-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-01-09 00:00:00
Activity Status Date: 2008-01-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-03 00:00:00
Activity Status Date: 1998-02-03 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-19 00:00:00
Activity Status Date: 1998-05-19 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Date:	2005-11-15 00:00:00
Activity Status Date:	2005-11-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-05-12 00:00:00
Activity Status Date:	2006-05-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-08-28 00:00:00
Activity Status Date:	2007-08-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-03 00:00:00
Activity Status Date:	2008-07-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-25 00:00:00
Activity Status Date:	2010-08-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

WA MANIFEST:

Name:	TACOMA FIXTURE INC

TACOMA FIXTURE CO. (Continued) **1000334216**

Address:	1815 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6212892
EPA ID:	WAD099045353
NAICS:	337129
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	#312
Tax Reg #:	278039348
Business Type:	cabinet manufacturing
Mail Name:	Tacoma Fixture Co Inc
Mailing Address:	1815 E D St
Mailing City,State,Zip:	TACOMA, WA 98421-1505
Legal Organization Name:	Home Electric
Legal Organization Type:	Private
Legal Contact:	John Backus
Legal Address:	2366 Eastlake Ave E
Legal Address 2:	#312
Legal City,State,Zip:	Seattle, WA 98102
Legal Phone Number:	(206)324-0964
Legal Effective Date:	Not reported
Land Organization Name:	Home Electric
Land Organization Type:	Private
Land Contact:	John Backus
Land Address:	2366 Eastlake Ave E
Land City,State,Zip:	Seattle, WA 98102
Land Phone Number:	(206)324-0964
Operator Organization Name:	Tacoma Fixture Inc
Operator Organization Type:	Private
Operator:	John Kroll
Operator Address:	1815 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1505
Operator Phone Number:	(253)831-6249
Operator Effective Date:	Not reported
Site Contact:	John Kroll
Site Contact Address:	1815 E D St
Contact City,State,Zip:	TACOMA, WA 98421-1505

TACOMA FIXTURE CO. (Continued) **1000334216**

Site Contact Phone Number:	(253)831-6249
Site Contact Email:	dad2bg@aol.com
Gen Status Code:	SQG
Monthly Generation:	TRUE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	TACOMA FIXTURE CO INC
Address:	1815 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR008709
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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173 **SUPERVALU INC BLDG 103** **WA ALLSITES** **S107153551**
NNW **420 E 18TH ST** **WA SPILLS** **N/A**
1/4-1/2 **TACOMA, WA 98401** **WA MANIFEST**
0.485 mi.
2559 ft.

Relative:
Lower

Actual:
7 ft.

ALLSITES:

Name:	SUPERVALU INC BLDG 103
Facility Id:	782981

SPILLS:

Name:	Not reported
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	549616
Medium:	Not reported
Material Desc:	PETROLEUM - WASTE/USED OIL

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Material Qty:	1
Material Units:	QUART
Date Received:	07/27/2005
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	SPINNING HEADS INC
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	782981
EPA ID:	WAH000046976
NAICS:	325411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603352074
Business Type:	Cannabis Production
Mail Name:	Spinning Heads Inc
Mailing Address:	1122 E Pike St
Mailing City,State,Zip:	Seattle, WA 98122
Legal Organization Name:	Spinning Heads Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1122 E Pike St
Legal Address 2:	Not reported

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Legal City,State,Zip:	Seattle, WA 98122
Legal Phone Number:	253-219-5457
Legal Effective Date:	Not reported
Land Organization Name:	Times Four LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	719 K St
Land City,State,Zip:	Centralia, WA 98531-3031
Land Phone Number:	000-000-0000
Operator Organization Name:	Spinning Heads Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1122 E Pike St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98122
Operator Phone Number:	253-219-5457
Operator Effective Date:	Not reported
Site Contact:	Mark Duncan
Site Contact Address:	420 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-219-5457
Site Contact Email:	mduncan460@gmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SPINNING HEADS INC
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	782981
EPA ID:	WAH000046976
NAICS:	325411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	We use acetone, isopropyl alcohol and ethanol alcohol
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603352074
Business Type:	Cannabis Production
Mail Name:	Spinning Heads Inc
Mailing Address:	1122 E Pike St
Mailing City,State,Zip:	Seattle, WA 98122
Legal Organization Name:	Spinning Heads Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1122 E Pike St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98122
Legal Phone Number:	253-219-5457
Legal Effective Date:	Not reported
Land Organization Name:	Times Four LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	719 K St
Land City,State,Zip:	Centralia, WA 98531-3031
Land Phone Number:	000-000-0000
Operator Organization Name:	Spinning Heads Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1122 E Pike St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98122
Operator Phone Number:	253-219-5457
Operator Effective Date:	Not reported
Site Contact:	Mark Duncan
Site Contact Address:	420 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-219-5457
Site Contact Email:	mduncan460@gmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False
Site Contact Address 2: Not reported

AP174 **MCMACKEN PROPERTY SOUND TRANSIT TACOMA** **WA VCP** **S124436008**
WSW **115 S 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.485 mi.
2560 ft. **Site 1 of 2 in cluster AP**

Relative:
Higher

Actual:
77 ft.

VCP:

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7912006
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 1107
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7912006
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 1107
Contaminant Name: Non-Halogenated Solvents
Soil: Below Cleanup Levels

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7912006
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported

MCMACKEN PROPERTY SOUND TRANSIT TACOMA (Continued) **S124436008**

NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Confirmed Above Cleanup Levels

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

AP175 **SOUND TRANSIT TACOMA** **WA HSL** **S107565974**
WSW **115 S 26TH ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.485 mi. **WA MANIFEST**
2560 ft. **Site 2 of 2 in cluster AP**

Relative:
Higher

Actual:
77 ft.

HSL:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	7912006
Rank:	2
Region:	SW
EDR Link ID:	7912006
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7912006
Region:	Southwest
Lat/Long:	47.238296 / -122.434087
Clean Up Siteid:	1107
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants

SOUND TRANSIT TACOMA (Continued) **S107565974**

Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 7912006
Region: Southwest
Lat/Long: 47.238296 / -122.434087
Clean Up Siteid: 1107
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 7912006
Region: Southwest
Lat/Long: 47.238296 / -122.434087
Clean Up Siteid: 1107
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

SOUND TRANSIT TACOMA (Continued) **S107565974**

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7912006
Region:	Southwest
Lat/Long:	47.238296 / -122.434087
Clean Up Siteid:	1107
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Facility Id:	7912006

WA MANIFEST:

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358

SOUND TRANSIT TACOMA (Continued) **S107565974**

Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F001,D008
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Soil contaminated with PCE
CORb Sequence Number:	135033
Sequence Number:	2656634
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48500
Quanity Unit:	LB
Kilograms Quanity:	21999.6003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Soil contaminated with Lead
CORb Sequence Number:	135033
Sequence Number:	2656638
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1687950
Quanity Unit:	LB
Kilograms Quanity:	765654.133
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	135033
Waste Sequence Number:	2656638
Sequence Number:	1324876
Shipment Date:	2011-04-07 00:00:00
Mainfest Document ID:	27601
Reported Quanity:	2050
Unit of Measure:	LB
Kilograms Quanity:	929.880015
Receiving EPAID:	ORD089452353

Waste Sequence Number:	2656638
Sequence Number:	1324881
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968059

SOUND TRANSIT TACOMA (Continued) **S107565974**

Reported Quanity:	64950
Unit of Measure:	LB
Kilograms Quanity:	29461.3205
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324883
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968056
Reported Quanity:	65050
Unit of Measure:	LB
Kilograms Quanity:	29506.6805
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324873
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968078
Reported Quanity:	68050
Unit of Measure:	LB
Kilograms Quanity:	30867.4805
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324875
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968081
Reported Quanity:	64250
Unit of Measure:	LB
Kilograms Quanity:	29143.8005
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324893
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968063
Reported Quanity:	64750
Unit of Measure:	LB
Kilograms Quanity:	29370.6005
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324877
Shipment Date:	2011-04-06 00:00:00
Mainfest Document ID:	1823336
Reported Quanity:	63100
Unit of Measure:	LB
Kilograms Quanity:	28622.1604
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324894
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968060
Reported Quanity:	63400
Unit of Measure:	LB
Kilograms Quanity:	28758.2404

SOUND TRANSIT TACOMA (Continued) **S107565974**

Receiving EPAID: ORD089452353

Waste Sequence Number: 2656638
Sequence Number: 1324891
Shipment Date: 2011-04-21 00:00:00
Mainfest Document ID: 3968079
Reported Quanity: 56700
Unit of Measure: LB
Kilograms Quanity: 25719.1204
Receiving EPAID: ORD089452353

Waste Sequence Number: 2656638
Sequence Number: 1324882
Shipment Date: 2011-04-11 00:00:00
Mainfest Document ID: 3968065
Reported Quanity: 60550
Unit of Measure: LB
Kilograms Quanity: 27465.4804
Receiving EPAID: ORD089452353

Waste Sequence Number: 2656638
Sequence Number: 1324874
Shipment Date: 2011-04-25 00:00:00
Mainfest Document ID: 3968075
Reported Quanity: 62750
Unit of Measure: LB
Kilograms Quanity: 28463.4004
Receiving EPAID: ORD089452353

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 135033
Waste Sequence Number: 2656638
Sequence Number: 653639
Received EPAID: ORD089452353
Managed Quanity: 2050
Kilogram Quanity: 929.880015
Recycled Percentage: 0
Waste Management System Code: H112

Waste Sequence Number: 2656638
Sequence Number: 653638
Received EPAID: ORD089452353
Managed Quanity: 1685900
Kilogram Quanity: 764724.253
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2656634
Sequence Number: 653637
Received EPAID: ORD089452353
Managed Quanity: 48500
Kilogram Quanity: 21999.6003
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream EPA Code:

SOUND TRANSIT TACOMA (Continued) **S107565974**

CORB Waste Sequence Number:	135033
Waste Sequence Number:	2656634
Sequence Number:	5870549
WCDA Code:	F001
Waste Sequence Number:	2656638
Sequence Number:	5870571
WCDA Code:	D008

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227

SOUND TRANSIT TACOMA (Continued) **S107565974**

Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006

SOUND TRANSIT TACOMA (Continued) **S107565974**

EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	FALSE

SOUND TRANSIT TACOMA (Continued) **S107565974**

Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004

SOUND TRANSIT TACOMA (Continued) **S107565974**

Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

AQ176 **HOLLAND QUALITY CLEANERS** **WA CSCSL** **1000277356**
West **102 S 24TH ST** **WA LUST** **WAD980981120**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.487 mi. **RCRA NonGen / NLR**
2571 ft. **Site 1 of 3 in cluster AQ** **FINDS**
ECHO
Relative: **WA Inactive Drycleaners**
Higher

Actual:
60 ft.

CSCSL:

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Region:	Southwest
Lat/Long:	47.23982 / -122.43742
Clean Up Siteid:	10614
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Holland Quality Cleaners
Site Rank:	Not reported
Has Institutional Control:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Region:	Southwest
Lat/Long:	47.23982 / -122.43742
Clean Up Siteid:	10614
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Holland Quality Cleaners
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Region:	Southwest
Lat/Long:	47.23982 / -122.43742
Clean Up Siteid:	10614
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	Holland Quality Cleaners
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Facility ID:	81634828
Region:	Southwest
Lat/Long:	47.23982 / -122.43742
Clean Up Siteid:	10614
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Holland Quality Cleaners
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Lust ID:	4983
UST ID:	463158
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Lat/Long: 47.23982 / -122.43742

ALLSITES:
Name: HOLLAND QUALITY CLEANERS
Facility Id: 81634828

RCRA Listings:

Date Form Received by Agency:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Handler Address:	102 S 24TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980981120
Contact Name:	HOLLAND QUALITY HOLLAND QUALITY
Contact Address:	1601 S CENTER ST
Contact City,State,Zip:	TACOMA, WA 98409-7920
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1601 S CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409-7920
Owner Name:	HOLLAND QUALITY H
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2904
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY H
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2904
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005337457

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000277356
Registry ID:	110005337457
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005337457
Name:	HOLLAND QUALITY CLEANERS
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402

INACTIVE DRYCLEANERS:

Name:	HOLLAND QUALITY CLEANERS
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
EPA I:	WAD980981120
FS Id:	9094
Facility ID:	9094
NAICS Code:	81232
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	Not reported
BUSINESS TYPE:	Not reported
MAIL NAME:	Not reported
MAIL LINE1:	Not reported
MAIL LINE2:	Not reported
MAIL CITY:	Not reported
MAIL STATE:	Not reported
MAIL ZIP:	Not reported
MAIL COUNTRY:	Not reported
LEGAL ORG NAME:	Not reported
LEGAL PERSON FIRST NAME:	Not reported
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Not reported
LEGAL LINE1:	Not reported
LEGAL LINE2:	Not reported
LEGAL CITY:	Not reported
LEGAL STATE:	Not reported
LEGAL ZIP:	Not reported
LEGAL COUNTRY:	Not reported
LEGAL PHONE NBR:	Not reported
LEGAL EFFECTIVE DATE:	Not reported
LEGAL ORGANIZATION TYPE:	Not reported
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Not reported
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Not reported
LAND LINE1:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

LAND LINE2:	Not reported
LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported
OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported
FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported
TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

GEN MARKET TO BURNER:	Not reported
GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported
UW THERMOSTATS ACCUM:	Not reported
UW MERCURY ACCUM:	Not reported
UW LAMPS ACCUM:	Not reported
UW DESTINATION FACILITY:	Not reported
OFF SPEC UTILITY BOILER:	Not reported
OFF SPEC INDUSTRY BOILER:	Not reported
OFF SPEC FURNACE:	Not reported
USED OIL TRANSPORTER:	Not reported
USED OIL TRANSFER FACILITY:	Not reported
USED OIL PROCESSOR:	Not reported
USED OIL REREFINER:	Not reported
USED OIL FUEL MARKETER DIR SHIPMENTS:	Not reported
USED OIL FUEL MARKETER MEETS SPECS:	Not reported
ECO Int Type Code:	Not reported
Status Code:	Not reported
Start Date:	Not reported
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Comments:	Not reported

AQ177 **ACTION BUSINESS FURNITURE** **WA UST** **U003378515**
West **102 S 24TH ST** **WA ICR** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.487 mi.
2571 ft. **Site 2 of 3 in cluster AQ**

Relative:
Higher

Actual:
60 ft.

UST:

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City:	TACOMA
Zip:	98402
Facility ID:	81634828
Site Id:	463158
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23982
Decimal Longitude:	-122.43742
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place

ACTION BUSINESS FURNITURE (Continued) **U003378515**

Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	07/15/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-06
County Code:	27
Contact:	Not reported
Report Title:	Not reported

AR178 **TACOMA COAL GASIFICATION** **EDR MGP** **1008408711**
West **A STREET** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.489 mi.
2583 ft. **Site 1 of 2 in cluster AR**

Relative:
Higher
Actual:
47 ft.

Manufactured Gas Plants:
Alternate Name:TACOMA GAS AND ELECTRIC LIGHT WORKS; TACOMA GAS COMPANY. No additional information available

---

AR179 **PSE TACOMA** **WA ALLSITES** **1008903760**
West **2205 A ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98402** **ECHO**
0.494 mi.
2610 ft. **Site 2 of 2 in cluster AR**

Relative:
Higher
Actual:
48 ft.

ALLSITES:

Name:	PSE TACOMA
Facility Id:	6899827

PSE TACOMA (Continued) **1008903760**

FINDS:
Registry ID: 110022900716

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008903760
Registry ID:	110022900716
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110022900716
Name:	PSE TACOMA
Address:	2205 A ST
City,State,Zip:	TACOMA, WA 98402

---

180 ENE 1/4-1/2 0.495 mi. 2615 ft.

TACOMA CITY SIGN SHOP
1423 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **1000697013**
RCRA NonGen / NLR **WAD988506820**
FINDS
ECHO
WA MANIFEST

Relative: Higher
Actual: 22 ft.

ALLSITES:

Name:	TACOMA CITY SIGN SHOP
Facility Id:	86267137

RCRA Listings:

Date Form Received by Agency:	2013-02-08 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Handler Address:	1423 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988506820
Contact Name:	CHARLENE GALLAGHER
Contact Address:	3510 S MULLEN ST.
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-593-7708
Contact Fax:	Not reported
Contact Email:	CGALLAGH@CITYOFTACOMA.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST RM 620
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	TACOMA CITY
Owner Type:	Private
Operator Name:	CITY OF TACOMA - SIGN SHOP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:39:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: D026
Waste Description: CRESOL

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

TACOMA CITY SIGN SHOP (Continued) **1000697013**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Municipal

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	2011-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3731
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS L
Legal Status:	Private
Date Became Current:	2011-01-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KINGSOLVER, KURTIS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KING, DAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-591-5538
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA - SIGN SHOP
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2326
Owner/Operator Telephone:	253-591-5286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY T
Legal Status:	Private

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Date Became Current:	1997-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3701
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY SIGN SHOP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1423 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 620
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5269
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-12 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-26 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-12 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Receive Date:	2013-02-08 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-15 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-28 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-04 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-10 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-28 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-11 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-26 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-06 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-22 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-12 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-07 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TACOMA CITY SIGN SHOP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23731
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

NAICS Code:	237310
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-04-17 00:00:00.0
Actual Return to Compliance Date:	1992-05-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-05-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-04-17 00:00:00.0
Actual Return to Compliance Date:	1992-04-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-04-17 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-04-17 00:00:00.0
Actual Return to Compliance Date:	1992-06-10 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1992-04-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1992-06-17 00:00:00.0
Actual Return to Compliance Date: 1992-06-17 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1992-06-17 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1992-04-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: WA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJNJ
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1992-08-09 00:00:00.0
Actual Return to Compliance Date: 1992-09-16 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1992-09-07 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1992-08-09 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: WA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	VERBAL INFORMAL
Enforcement Responsible Person:	WAJNJ
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2010-07-08 00:00:00.0
Actual Return to Compliance Date:	2010-08-05 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2010-08-05 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2010-07-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-05-15 00:00:00.0
Scheduled Compliance Date:	1992-05-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	WAJDP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-17 00:00:00.0

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-04-17 00:00:00.0
Scheduled Compliance Date:	1992-04-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-06-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-06-10 00:00:00.0
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-04-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Actual Return to Compliance Date:	1992-06-17 00:00:00.0
Scheduled Compliance Date:	1992-06-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-08-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJNJ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1992-09-16 00:00:00.0
Scheduled Compliance Date:	1992-09-07 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-07-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2010-08-05 00:00:00.0
Scheduled Compliance Date:	2010-08-05 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005375771

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

TACOMA CITY SIGN SHOP (Continued) **1000697013**

ECHO:

Envid:	1000697013
Registry ID:	110005375771
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005375771
Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Chris Larson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5538
Operator Effective Date:	01/31/2011
Site Contact:	John Gaddis
Site Contact Address:	1423 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253) 591-7809
Site Contact Email:	jgaddis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Chris Larson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5538
Operator Effective Date:	01/31/2011
Site Contact:	Steve Goolie
Site Contact Address:	1423 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253) 591-5479
Site Contact Email:	sgoolie@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137

TACOMA CITY SIGN SHOP (Continued) **1000697013**

EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Chris Larson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5538
Operator Effective Date:	01/31/2011
Site Contact:	Chris Larson
Site Contact Address:	1423 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253) 591-5538
Site Contact Email:	clarson@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TACOMA CITY SIGN SHOP
Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	237310
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D008, D026,
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Ron Johnson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5286
Operator Effective Date:	03/05/1997
Site Contact:	Ron Johnson
Site Contact Address:	1423 Puyallup Ave
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253)591-5286
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W606
Description:	Hazardous Waste, Liquid, (Creosote).
CORb Sequence Number:	120666
Sequence Number:	2137402
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.08000234057604
Density Number:	0

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paint Related Material
CORb Sequence Number:	120666
Sequence Number:	2137447
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2400
Quanity Unit:	LB
Kilograms Quanity:	1088.6400187246084
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paint Related Material
CORb Sequence Number:	120666
Sequence Number:	2137478
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.968001014249623
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W319

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Description:	Hazardous Waste, Solid (Debris with Lead)
CORb Sequence Number:	120666
Sequence Number:	2137489
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	300
Quanity Unit:	LB
Kilograms Quanity:	136.08000234057604
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	120666
Waste Sequence Number:	2137402
Sequence Number:	1022764
Shipment Date:	2/25/2009
Mainfest Document ID:	001782207
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002340576
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2137478
Sequence Number:	1022925
Shipment Date:	2/11/2009
Mainfest Document ID:	001782208
Reported Quanity:	130
Unit of Measure:	LB
Kilograms Quanity:	58.9680010142496
Receiving EPAID:	ARD069748192
Waste Sequence Number:	2137489
Sequence Number:	1022950
Shipment Date:	2/11/2009
Mainfest Document ID:	001782209
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002340576
Receiving EPAID:	UTD991301748
Waste Sequence Number:	2137447
Sequence Number:	1022897
Shipment Date:	2/11/2009
Mainfest Document ID:	001782208
Reported Quanity:	2400
Unit of Measure:	LB
Kilograms Quanity:	1088.64001872461
Receiving EPAID:	ARD069748192

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120666
Waste Sequence Number:	2137402
Sequence Number:	526099
Received EPAID:	UTD981552177
Managed Quanity:	300
Kilogram Quanity:	136.08000234057604

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Recycled Percentage: Not reported
Waste Management System Code: H040

Waste Sequence Number: 2137489
Sequence Number: 526221
Received EPAID: UTD991301748
Managed Quanity: 300
Kilogram Quanity: 136.08000234057604
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2137478
Sequence Number: 526210
Received EPAID: ARD069748192
Managed Quanity: 130
Kilogram Quanity: 58.968001014249623
Recycled Percentage: Not reported
Waste Management System Code: H050

Waste Sequence Number: 2137447
Sequence Number: 526187
Received EPAID: ARD069748192
Managed Quanity: 2400
Kilogram Quanity: 1088.6400187246084
Recycled Percentage: Not reported
Waste Management System Code: H050

Waste Stream Comments:
CORB Waste Sequence Number: 120666
Comments: Reference Questions A-7 and A-8.. This was a 55 gal drum that had very old paint mixed with cat litter and dirt. It was used for a gate stop for many years.
Waste Sequence Number: 2137489
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 120666
Waste Sequence Number: 2137447
Sequence Number: 4622620
WCDA Code: F005

Waste Sequence Number: 2137478
Sequence Number: 4622750
WCDA Code: F005

Waste Sequence Number: 2137478
Sequence Number: 4622749
WCDA Code: F003

Waste Sequence Number: 2137489
Sequence Number: 4623003
WCDA Code: D008

Waste Sequence Number: 2137447
Sequence Number: 4622619
WCDA Code: F003

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Waste Sequence Number: 2137478
Sequence Number: 4622748
WCDA Code: D001

Waste Sequence Number: 2137447
Sequence Number: 4622618
WCDA Code: D001

Waste Sequence Number: 2137402
Sequence Number: 4622450
WCDA Code: D026

Waste Sequence Number: 2137402
Sequence Number: 4622449
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 120666
Waste Sequence Number: 2137478
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2137402
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 2137489
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2137447
Sequence Number: 1
WCDD Code: G06

Name: TACOMA CITY SIGN SHOP
Address: 1423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 86267137
EPA ID: WAD988506820
NAICS: 23731
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2008
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Ron Johnson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5286
Operator Effective Date:	03/05/1997
Site Contact:	Ron Johnson
Site Contact Address:	1423 Puyallup Ave
Contact City,State,Zip:	TACOMA, WA 98421-2326
Site Contact Phone Number:	(253)591-5286
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TACOMA CITY SIGN SHOP

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Address:	1423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	86267137
EPA ID:	WAD988506820
NAICS:	23731
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D002, D010, D018 and D026
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Tacoma City
Mailing Address:	747 Market St Rm 620
Mailing City,State,Zip:	TACOMA, WA 98402-3701
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST RM 620
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3701
Legal Phone Number:	(253)591-5269
Legal Effective Date:	03/05/1997
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 620
Land City,State,Zip:	TACOMA, WA 98402-3731
Land Phone Number:	(253)591-5269
Operator Organization Name:	City of Tacoma - Sign Shop
Operator Organization Type:	Municipal
Operator:	Ron Johnson
Operator Address:	1423 PUYALLUP AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-2326
Operator Phone Number:	(253) 591-5286
Operator Effective Date:	03/05/1997
Site Contact:	Ron Johnson
Site Contact Address:	1423 Puyallup Ave
Contact City,State,Zip:	TACOMA, WA 98421-2326

TACOMA CITY SIGN SHOP (Continued) **1000697013**

Site Contact Phone Number:	(253)591-5286
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

181
NNW
1/4-1/2
0.499 mi.
2633 ft.

SUPERVALU INTERNATIONAL WAREHOUSE **WA ALLSITES** **S110038720**
1801 E D ST **N/A**
TACOMA, WA 98421

Relative:
Lower
Actual:
6 ft.

ALLSITES:

Name:	SUPERVALU INTERNATIONAL WAREHOUSE
Facility Id:	7821

AQ182
West
1/4-1/2
0.499 mi.
2636 ft.

POWDER COATING SYSTEMS INC **WA ALLSITES** **1000659561**
109 S 25TH ST **RCRA NonGen / NLR** **WAD988492351**
TACOMA, WA 98402 **FINDS**
ECHO

Site 3 of 3 in cluster AQ

Relative:
Higher
Actual:
65 ft.

ALLSITES:

Name:	POWDER COATING SYSTEMS INC
Facility Id:	96432865

RCRA Listings:

Date Form Received by Agency:	1997-07-01 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Handler Address:	109 S 25TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988492351
Contact Name:	JANET BRUCE
Contact Address:	3115 179TH AVE E
Contact City,State,Zip:	SUMNER, WA 98390
Contact Telephone:	253-862-1264
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3115 179TH AVE E
Mailing City,State,Zip:	SUMNER, WA 98390
Owner Name:	BRUCE, JANET M
Owner Type:	Private
Operator Name:	BRUCE, JANET M
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:24:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390-6424
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	206-622-6822

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANET B
Legal Status:	Private
Date Became Current:	1996-10-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANET B
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390-6424
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386-0271
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	POWDER COATING SYSTEMS INC

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-01 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

List of NAICS Codes and Descriptions:
NAICS Code: 332812
NAICS Description: METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2012-03-07 00:00:00.0
Actual Return to Compliance Date: 2012-03-23 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2012-03-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALLM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - General
Date Violation was Determined: 2012-03-07 00:00:00.0
Actual Return to Compliance Date: 2012-03-23 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2012-03-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WALLM
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2003-08-13 00:00:00.0
Actual Return to Compliance Date: 2003-09-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2003-09-02 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKKM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-08-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-09-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005264800

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

POWDER COATING SYSTEMS INC (Continued) **1000659561**

ECHO:

Envid:	1000659561
Registry ID:	110005264800
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264800
Name:	POWDER COATING SYSTEMS INC
Address:	109 S 25TH ST
City,State,Zip:	TACOMA, WA 98402

183
WNW
1/2-1
0.502 mi.
2651 ft.

Relative:
Lower

Actual:
15 ft.

TACOMA REDEVELOPMENT PROP
THEA FOSS WATERWAY
TACOMA, WA 98402

WA HSL **S100836520**
WA CSCSL **N/A**
WA INST CONTROL
WA BROWNFIELDS
WA ALLSITES
WA SPILLS

HSL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	1263
Rank:	0
Region:	SW
EDR Link ID:	1263
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Asbestos
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Base/Neutral/Acid Organics
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Conventional Contaminants, Inorganic
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Conventional Contaminants, Organic
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Corrosive Wastes
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Site Status: CC-Perf. Monitoring
Contaminant Name: Metals - Other
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Pesticides-Unspecified
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Phenolic Compounds
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

INST CONTROL:
Name: TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/11/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Not reported
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Not reported
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070227086e+011
Filing Date Of Individual IC Doc:	02/27/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002131
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070124077e+011
Filing Date Of Individual IC Doc:	01/24/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Tidelands, no parcel #
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070124077e+011
Filing Date Of Individual IC Doc:	01/24/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Tidelands, no parcel #
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0080114015e+011
Filing Date Of Individual IC Doc:	01/14/2008
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001613
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil; Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0080114016e+011
Filing Date Of Individual IC Doc:	01/14/2008
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001614
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0061006069e+011
Filing Date Of Individual IC Doc:	10/06/2006
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001971
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007050103e+011
Filing Date Of Individual IC Doc:	05/01/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000690
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007050103e+011
Filing Date Of Individual IC Doc:	05/01/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000700
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007012503e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000690
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	20070125098
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000700
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001832
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001791
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001761
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001822
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070201055e+011
Filing Date Of Individual IC Doc:	02/01/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001572
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070322038e+011
Filing Date Of Individual IC Doc:	03/22/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001052
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070322038e+011
Filing Date Of Individual IC Doc:	03/22/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000990, 8950000680
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070125068e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	0320041028, 8950001601
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070125068e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	320092019
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070202018e+011
Filing Date Of Individual IC Doc:	02/02/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001626
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002040
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002050
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002060
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001963
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001881
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001964
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002070
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001851
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2022000021
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A Tidelands
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	NA, Tidelands
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070122058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

BROWNFIELDS:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Asbestos
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Base/Neutral/Acid Organics
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Conventional Contaminants, Inorganic
Public Funding Amt:	$25,000.00

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Conventional Contaminants, Organic
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Corrosive Wastes
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Halogenated Organics
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Metals - Other
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Metals Priority Pollutants
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Non-Halogenated Solvents
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Pesticides-Unspecified
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Petroleum Products-Unspecified
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Phenolic Compounds
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Polychlorinated biPhenyls (PCB)
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Polycyclic Aromatic Hydrocarbons
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

ALLSITES:

Name:	TACOMA REDEVELOPMENT PROP
Facility Id:	1263

SPILLS:

Name:	Not reported
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA
Facility ID:	643372
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	08/23/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

184 WSW 1/2-1 0.504 mi. 2660 ft. | **PINGCO INTERNATIONAL**
102 S 26TH ST
TACOMA, WA 98402 | **WA CSCSL**
WA LUST
WA UST
WA ALLSITES | **U004131371**
N/A

Relative: Higher

Actual: 84 ft.

CSCSL:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7640591
Region:	Southwest
Lat/Long:	47.237891228215 / -122.4332354908
Clean Up Siteid:	7756
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7640591
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7756
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	12/17/2003
Lust Date:	01/18/1993
Region:	Southwest
Lust ID:	5911
UST ID:	618970
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2378912 / -122.43323

UST:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA

PINGCO INTERNATIONAL (Continued) **U004131371**

Zip:	98402
Facility ID:	7640591
Site Id:	618970
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2378912282157
Decimal Longitude:	-122.433235490858

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/17/2003
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	Not reported
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported

PINGCO INTERNATIONAL (Continued) **U004131371**

Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/17/2003
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PINGCO INTERNATIONAL
Facility Id:	7640591

AS185 **TACOMA COAL GASIFICATION** **EDR MGP** **1008408710**
WNW **E 22ND AND A STS** **N/A**
1/2-1 **TACOMA, WA 98402**
0.508 mi.
2680 ft. **Site 1 of 2 in cluster AS**

Relative:
Higher

Actual:
43 ft.

Manufactured Gas Plants:

Alternate Name:TACOMA GAS AND ELECTRIC LIGHT WORKS; TACOMA GAS COMPANY. No additional information available

AS186 **TACOMA COAL GASIFICATION** **WA HSL** **S105430834**
WNW **22ND ST & A ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.512 mi.
2701 ft. **Site 2 of 2 in cluster AS**

Relative:
Higher

Actual:
45 ft.

HSL:

Name:	TACOMA COAL GASIFICATION
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1249
Rank:	0
Region:	SW
EDR Link ID:	1249
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA COAL GASIFICATION
Address:	22ND ST & A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1249
Region:	Southwest
Lat/Long:	47.242623855726 / -122.4346452044
Clean Up Siteid:	3675
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Tacoma Spur
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA COAL GASIFICATION
Address:	22ND ST & A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1249
Region:	Southwest
Lat/Long:	47.242623855726 / -122.4346452044
Clean Up Siteid:	3675
Site Status:	Cleanup Started
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	Tacoma Spur
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

TACOMA COAL GASIFICATION (Continued) **S105430834**

Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA COAL GASIFICATION
Address: 22ND ST & A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1249
Region: Southwest
Lat/Long: 47.242623855726 / -122.4346452044
Clean Up Siteid: 3675
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Tacoma Spur
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA COAL GASIFICATION
Facility Id: 1249

187
WSW
1/2-1
0.521 mi.
2753 ft.

TEXACO #63 232 0351
2523 PACIFIC AVE.
TACOMA, WA 98402

WA CSCSL **S103502781**
WA LUST **N/A**
WA ICR
WA ALLSITES

Relative:
Higher

Actual:
71 ft.

CSCSL:
Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Region: Southwest
Lat/Long: 47.238361 / -122.43475
Clean Up Siteid: 6150
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported

TEXACO #63 232 0351 (Continued) **S103502781**

Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Region: Southwest
Lat/Long: 47.238361 / -122.43475
Clean Up Siteid: 6150
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 6150
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Response Section: Southwest
Release Date: 05/22/1991
Lust Date: 12/20/2000
Region: Southwest
Lust ID: 1728
UST ID: 3342
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.238361 / -122.43475

Name: 2523 PACIFIC TEXACO SHELL

TEXACO #63 232 0351 (Continued) **S103502781**

Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	47212644
Lust Status Type:	LUST - Monitoring
Cleanup Site ID:	6150
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Response Section:	Southwest
Release Date:	05/22/1991
Lust Date:	12/20/2000
Region:	Southwest
Lust ID:	1728
UST ID:	3342
Contaminant Name:	Arsenic
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.238361 / -122.43475

ICR:

Date Ecology Received Report:	04/03/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-03
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/25/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/04/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

TEXACO #63 232 0351 (Continued) **S103502781**

Date Ecology Received Report: 05/26/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-26
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/25/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-26
County Code: 27
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/25/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-36
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - First Quarter

Date Ecology Received Report: 12/04/01
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-43
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - Third Quarter

Date Ecology Received Report: 12/10/00
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-31
County Code: 27
Contact: Not reported
Report Title: Semi-annual Ground Water Monitoring - Third Quarter 2000

Date Ecology Received Report: 12/09/02
Contaminants Found at Site: Petroleum products

TEXACO #63 232 0351 (Continued) **S103502781**

Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-55
County Code:	0
Contact:	Not reported
Report Title:	Ground Water Monitoring Report

Date Ecology Received Report:	06/25/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-02
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	2523 PACIFIC TEXACO SHELL
Facility Id:	47212644

188
West
1/2-1
0.527 mi.
2780 ft.

FOREMOST DAIRY
2413 PACIFIC AVE S
TACOMA, WA 98402

WA HSL **U004158123**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES

Relative:
Higher

Actual:
70 ft.

HSL:

Name:	SODO BUILDERS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	22019
Rank:	2
Region:	SW
EDR Link ID:	22019
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SODO BUILDERS
Address:	2413 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22019
Region:	Southwest
Lat/Long:	47.239579272546 / -122.4348196139
Clean Up Siteid:	11443
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	FOREMOST DAIRY

FOREMOST DAIRY (Continued) **U004158123**

Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: SODO BUILDERS
Address: 2413 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 22019
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 11443
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: FOREMOST DAIRY
Response Section: Southwest
Release Date: 09/22/2010
Lust Date: 09/22/2010
Region: Southwest
Lust ID: 6504
UST ID: 619734
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2395792 / -122.43481

UST:
Name: FOREMOST DAIRY
Address: 2413 PACIFIC AVE S
City: TACOMA
Zip: 98402
Facility ID: 22019
Site Id: 619734
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2395792725463
Decimal Longitude: -122.43481961399

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 03/17/2011
Tank Install Date: Not reported
Tank Closure Date: 10/01/2010
Capacity Range: Not reported

FOREMOST DAIRY (Continued) **U004158123**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

FOREMOST DAIRY (Continued) **U004158123**

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

FOREMOST DAIRY (Continued) **U004158123**

Dispencer/Pump SFC Type: Not reported

Name: FOREMOST DAIRY
Address: 2413 PACIFIC AVE S
City: TACOMA
Zip: 98402

Tank Name: 5
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 02/19/2014
Tank Install Date: Not reported
Tank Closure Date: 12/17/2013
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SODO BUILDERS
Facility Id: 22019

---

189 West 1/2-1 0.532 mi. 2807 ft. | **US BANK PACIFIC AVE**
2317 PACIFIC AVE
TACOMA, WA 98402 | **WA HSL** **S116753404**
WA CSCSL **N/A**
WA ALLSITES
WA ASBESTOS

Relative: Higher

Actual: 65 ft.

HSL:
Name: US BANK PACIFIC AVE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 10919
Rank: 2
Region: SW

US BANK PACIFIC AVE (Continued) **S116753404**

EDR Link ID: 10919
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	US BANK PACIFIC AVE
Address:	2317 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	10919
Region:	Southwest
Lat/Long:	47.240435 / -122.43524
Clean Up Siteid:	12405
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	US BANK PACIFIC AVE
Address:	2317 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	10919
Region:	Southwest
Lat/Long:	47.240435 / -122.43524
Clean Up Siteid:	12405
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	US BANK PACIFIC AVE
Address:	2317 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	10919
Region:	Southwest
Lat/Long:	47.240435 / -122.43524
Clean Up Siteid:	12405
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline

US BANK PACIFIC AVE (Continued) **S116753404**

Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	US BANK PACIFIC AVE
Facility Id:	10919

ASBESTOS:

Name:	Not reported
Address:	2317 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137340#1445530380
Notice Date:	02/19/2019
Start Date:	02/16/2019
Completion Date:	02/18/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	RHINE DEMOLITION LLC (TACOMA) (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation

US BANK PACIFIC AVE (Continued) **S116753404**

Supervisor:	Wendell Bernadas (ABAS00023681) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2317 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137340#1445530380
Notice Date:	02/04/2019
Start Date:	02/16/2019
Completion Date:	02/28/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	RHINE DEMOLITION LLC (TACOMA) (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Wendell Bernadas (ABAS00023681) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

190
NW
1/2-1
0.535 mi.
2827 ft.

BNSF D ST PIPELINE
18TH & D ST
TACOMA, WA 98421

WA CSCSL **S108479627**
WA INST CONTROL **N/A**
WA ALLSITES

Relative:
Lower

Actual:
5 ft.

CSCSL:

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2923141
Region:	Southwest

BNSF D ST PIPELINE (Continued) **S108479627**

Lat/Long:	47.246708 / -122.430089
Clean Up Siteid:	1350
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2923141
Region:	Southwest
Lat/Long:	47.246708 / -122.430089
Clean Up Siteid:	1350
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0110823037e+011
Filing Date Of Individual IC Doc:	08/23/2011
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring

BNSF D ST PIPELINE (Continued) **S108479627**

Swimming Restriction:	False
Tax Parcel Number:	6370000070
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0100831075e+011
Filing Date Of Individual IC Doc:	08/31/2010
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	6370000040
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True

BNSF D ST PIPELINE (Continued) **S108479627**

Access Barrier:	False
Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.010071304e+011
Filing Date Of Individual IC Doc:	07/13/2010
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Not reported
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	BNSF D ST PIPELINE
Facility Id:	2923141

191
WSW
1/2-1
0.536 mi.
2830 ft.

CHEERS RESTAURANT
2611 PACIFIC AVE
TACOMA, WA 98402

WA CSCSL **S111413892**
WA LUST **N/A**
WA ALLSITES

Relative:
Higher

Actual:
93 ft.

CSCSL:

Name:	CHEERS RESTAURANT
Address:	2611 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	20251
Region:	Southwest
Lat/Long:	47.237572 / -122.434571

CHEERS RESTAURANT (Continued) **S111413892**

Clean Up Siteid:	11744
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	CHEERS RESTAURANT FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	CHEERS RESTAURANT
Address:	2611 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	20251
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	11744
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEERS RESTAURANT FORMER
Response Section:	Southwest
Release Date:	12/07/2011
Lust Date:	12/22/2011
Region:	Southwest
Lust ID:	6568
UST ID:	619835
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.237572 / -122.43457

ALLSITES:

Name:	CHEERS RESTAURANT
Facility Id:	20251

192
ENE
1/2-1
0.558 mi.
2948 ft.

Relative:
Lower

Actual:
13 ft.

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES
2117 E RIVER ST
TACOMA, WA 98421

WA CSCSL **1010736935**
WA SWF/LF **N/A**
WA ALLSITES
FINDS
ECHO
WA MANIFEST
WA NPDES

CSCSL:

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

City,State,Zip: TACOMA, WA 98421
Facility ID: 13278
Region: Southwest
Lat/Long: 47.24535 / -122.41472
Clean Up Siteid: 12931
Site Status: Cleanup Started
Contaminant Name: Arsenic
Alternate Site Names: American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address: 2117 E RIVER ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 13278
Region: Southwest
Lat/Long: 47.24535 / -122.41472
Clean Up Siteid: 12931
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address: 2117 E RIVER ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 13278
Region: Southwest
Lat/Long: 47.24535 / -122.41472
Clean Up Siteid: 12931
Site Status: Cleanup Started
Contaminant Name: Mercury
Alternate Site Names: American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address: 2117 E RIVER ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 13278
Region: Southwest
Lat/Long: 47.24535 / -122.41472
Clean Up Siteid: 12931
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address: 2117 E RIVER ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 13278
Region: Southwest
Lat/Long: 47.24535 / -122.41472
Clean Up Siteid: 12931
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

SWF/LF:

Name:	DTG TACOMA YARD
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3472
Region:	STATE
Permit Status:	Not reported
Contact Organization:	_Unspecified
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	27-746
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	_Unspecified
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	0
Ownership:	PRIVATE
Facility Type:	Material Recovery Facility (permitted)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Latitude:	47.24535
Longitude:	-122.41472
Name:	AIR WATER AND SOIL TECHNOLOGIES, INC.
Address:	2117 E RIVER ROAD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	648
Region:	STATE
Permit Status:	Permitted
Contact Organization:	Air Water and Soil Technologies, Inc.
Contact Address1:	16121 Ne 119th Street
Contact Address2:	Not reported
Contact City:	Brush Prairie
Contact State:	WA
Contact Postal:	98606
Contact EMail:	troy@airwatersoiltechnologies.com
Contact Phone:	(360) 635-1736
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-534-8222
Operator Name:	Not reported
Operator Organization:	Air Water and Soil Technologies, Inc.
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Troy Lehner
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	TACOMA YARD DTG
Facility Id:	96403
Name:	APES1 LLC
Facility Id:	13278

FINDS:

Registry ID: 110033624111

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1010736935
Registry ID:	110033624111
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110033624111
Name:	AMERICAN PETROLEUM ENVIRONMENTAL SERVICES
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	402 Valley Ave NW, Ste A-108
Mailing City,State,Zip:	Puyallup, WA 98371
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421-1510
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Randy Soule
Land Address:	14830 Kivett Lane
Land City,State,Zip:	Reno, NV 89521
Land Phone Number:	775-762-2797
Operator Organization Name:	American Petroleum Environmental
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-1510
Operator Phone Number:	(253)538-5252
Operator Effective Date:	01/01/2014
Site Contact:	Mike Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421-1510
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported
Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421-1510
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421-1510
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421-1510
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	True
Tranports Other Waste:	True
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	True
Used Oil Refiner:	True
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	T
Tranports Other Waste:	T
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	T
Used Oil Transfer Facility:	T
Used Oil Processor:	T
Used Oil Refiner:	T
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	423930
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	T
Used Oil Transfer Facility:	T
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	TACOMA YARD DTG
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR307170
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Name:	ENCORE TACOMA
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR305636
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	07/31/2017
Days to Expiration:	-171

193
NE
1/2-1
0.566 mi.
2990 ft.

Relative:
Lower

Actual:
12 ft.

PSE TACOMA HISTORICAL COAL GAS
2200 E RIVER ST
TACOMA, WA 98421

WA CSCSL **1000660345**
WA ALLSITES **WAD988500294**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

CSCSL:

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	JOSEPH SIMON & SONS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	JOSEPH SIMON & SONS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	JOSEPH SIMON & SONS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

ALLSITES:

Name:	PSE TACOMA HISTORICAL COAL GAS
Facility Id:	48791451
Name:	SIMON & SONS TARPITS
Facility Id:	1252

RCRA Listings:

Date Form Received by Agency:	2007-02-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Handler Address:	2200 E RIVER ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988500294
Contact Name:	LEA BOYLE
Contact Address:	6905 S 228TH ST SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Contact Telephone:	253-437-6789
Contact Fax:	Not reported
Contact Email:	LEA.BOYLE@PSE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6905 S 228TH ST SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Owner Name:	PUGET SOUND ENERGY
Owner Type:	Private
Operator Name:	RORK, JOHN

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENE P
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN R
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WASHINGTON NATURAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1869
Owner/Operator City,State,Zip:	SEATTLE, WA 98111
Owner/Operator Telephone:	206-622-6767
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-9734
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RORK
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-9734
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RORK
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-05-13 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-02 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-04 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-13 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-20 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-26 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-16 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-25 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-02 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	TACOMA HISTORICAL COAL GAS SIT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	WNG - TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	2212
NAICS Description:	NATURAL GAS DISTRIBUTION

NAICS Code:	22121
NAICS Description:	NATURAL GAS DISTRIBUTION

Facility Has Received Notices of Violation:

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110009512009

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660345
Registry ID:	110009512009
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009512009
Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	48791451
EPA ID:	WAD988500294
NAICS:	22121
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	179010055
Business Type:	Not reported
Mail Name:	PSE Tacoma Historical Coal Gas
Mailing Address:	6905 S 228th St SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Legal Organization Name:	Puget Sound Energy
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 90868
Legal Address 2:	Not reported
Legal City,State,Zip:	BELLEVUE, WA 98009-0868
Legal Phone Number:	(425)454-6363
Legal Effective Date:	03/03/1997
Land Organization Name:	Puget Sound Energy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 90868
Land City,State,Zip:	BELLEVUE, WA 98009-0868
Land Phone Number:	(425)454-6363
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	John Rork
Operator Address:	6905 S 228th St
Operator Address 2:	Not reported
Operator City,State,Zip:	KENT, WA 98032
Operator Phone Number:	(253)437-6766
Operator Effective Date:	04/09/1997
Site Contact:	Lea Boyle
Site Contact Address:	6905 S 228th St SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Site Contact Phone Number:	(253)437-6789
Site Contact Email:	lea.boyle@pse.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported
Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	48791451
EPA ID:	WAD988500294
NAICS:	22121
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	179010055
Business Type:	Not reported
Mail Name:	PSE Tacoma Historical Coal Gas
Mailing Address:	6905 S 228th St SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Legal Organization Name:	Puget Sound Energy
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 90868
Legal Address 2:	Not reported
Legal City,State,Zip:	BELLEVUE, WA 98009-0868
Legal Phone Number:	(425)454-6363
Legal Effective Date:	03/03/1997
Land Organization Name:	Puget Sound Energy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 90868
Land City,State,Zip:	BELLEVUE, WA 98009-0868
Land Phone Number:	(425)454-6363
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	John Rork
Operator Address:	6905 S 228th St
Operator Address 2:	Not reported
Operator City,State,Zip:	KENT, WA 98032
Operator Phone Number:	(253)437-6766

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Operator Effective Date:	04/09/1997
Site Contact:	Lea Boyle
Site Contact Address:	6905 S 228th St SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Site Contact Phone Number:	(253)437-6789
Site Contact Email:	lea.boyle@pse.com
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

194
NNW
1/2-1
0.568 mi.
3001 ft.

Relative:
Lower

Actual:
7 ft.

SUPERVALU NORTHWEST REGION
1525 E D ST
TACOMA, WA 98421

WA HSL **U003378461**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES
WA NPDES

HSL:

Name:	SUPERVALU NORTHWEST REGION
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	46295623
Rank:	3
Region:	SW
EDR Link ID:	46295623
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	46295623
Region:	Southwest
Lat/Long:	47.248944 / -122.429722
Clean Up Siteid:	9315
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Alternate Site Names: SUPERVALU INC TACOMA,WEST COAST GROCERY SUPER VALU,WEST COAST GROCERY
SUPERVALU INC TACOMA,WEST COAST GROGERY SUPERVALU
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: SUPERVALU NORTHWEST REGION
Address: 1525 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 46295623
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9315
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: SUPERVALU INC TACOMA,WEST COAST GROCERY SUPER VALU,WEST COAST GROCERY
SUPERVALU INC TACOMA,WEST COAST GROGERY SUPERVALU
Response Section: Southwest
Release Date: 03/10/2009
Lust Date: 12/15/2008
Region: Southwest
Lust ID: 6420
UST ID: 5706
Contaminant Name: Petroleum-Diesel
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.248944 / -122.42972

UST:
Name: SUPERVALU NORTHWEST REGION
Address: 1525 E D ST
City: TACOMA
Zip: 98421
Facility ID: 46295623
Site Id: 5706
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.248944
Decimal Longitude: -122.429722

Tank Name: 1
Tag Number: A3025
Tank Status: Removed
Tank Status Date: 08/06/1996

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

City:	TACOMA
Zip:	98421
Tank Name:	3
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421
Tank Name:	4
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	A
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	B
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Other
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	B
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	02/28/2021

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Other
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	C
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	06/29/2004
Tank Install Date:	12/31/1980
Tank Closure Date:	09/24/2008
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Applicable
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Safe Suction (No Leak Detection)
Pipe Corrosion Protection:	None
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WEST COAST GROCERY SUPER VALU
Facility Id:	46295623

NPDES:

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Name:	SUPERVALU DISTRIBUTION CENTER MAIN
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421-1609
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24894400
Longitude:	-122.429722
Permit ID:	WAR001693
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

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195 North 1/2-1 0.572 mi. 3022 ft. **CHEVRON BULK PLANT USA 1348** **WA HSL** **S110038941**
1656 E J ST **WA CSCSL** **N/A**
TACOMA, WA 98421 **WA ALLSITES**

Relative: Lower

Actual: 11 ft.

HSL:

Name:	CHEVRON BULK PLANT USA 1348
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1234
Rank:	1
Region:	SW
EDR Link ID:	1234
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: CHEVRON BULK PLANT USA 1348

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Facility Id: 1234

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196 East 1/2-1 0.573 mi. 3026 ft.

PILOT TRAVEL CENTER #1173
1440 PUYALLUP AVE
TACOMA, WA 98421

WA CSCSL **1000838722**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES
WA Financial Assurance

Relative: Higher

Actual: 21 ft.

CSCSL:

Name:	ARCO 5727
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	98738811
Region:	Southwest
Lat/Long:	47.242111 / -122.412389
Clean Up Siteid:	3750
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ARCO 5727
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	98738811
Region:	Southwest
Lat/Long:	47.242111 / -122.412389
Clean Up Siteid:	3750
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ARCO 5727
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	98738811
Region:	Southwest

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Lat/Long:	47.242111 / -122.412389
Clean Up Siteid:	3750
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	98738811
Site Id:	100170
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.242111
Decimal Longitude:	-122.412389

Tank Name:	#5 DIESEL
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	03/29/2011
Tank Install Date:	06/14/2005
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	REGULAR 1
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot
Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	SUPER 4
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD 2
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD 3
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

INST CONTROL:

Name:	ARCO 5727
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	98738811
Latitude:	47.242111
Longitude:	-122.412389
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0151218023e+011
Filing Date Of Individual IC Doc:	12/18/2015
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	4715010367
Control Active:	True
CS ID:	3750
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	True
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	ARCO 5727
Facility Id:	98738811

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

WA Financial Assurance 1:

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2016
Address 2:	Not reported
Policy Number:	STP-107200
Effective Date:	04/19/2015
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2017
Address 2:	Not reported
Policy Number:	STP-111845
Effective Date:	04/19/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2018
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	UST G28150039 002
Effective Date:	09/01/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Inception Date:	04/19/2017
Expiration Date:	04/19/2018
Address 2:	Not reported
Policy Number:	STP-117403
Effective Date:	04/19/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2016
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	PPL G28150052 001
Effective Date:	09/01/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2016
Address 2:	Not reported
Policy Number:	STP-107200
Effective Date:	04/19/2015
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2017
Address 2:	Not reported
Policy Number:	STP-111845
Effective Date:	04/19/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2018
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	UST G28150039 002
Effective Date:	09/01/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2017
Expiration Date:	04/19/2018
Address 2:	Not reported
Policy Number:	STP-117403
Effective Date:	04/19/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2016
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	PPL G28150052 001
Effective Date:	09/01/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

197 WSW 1/2-1 0.583 mi. 3079 ft. | **28TH ST CITY OF TACOMA PROPERTY**
2801 PACIFIC AVE
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES
FINDS
WA ASBESTOS | **1008911997**
N/A

Relative: Higher

Actual: 126 ft.

HSL:

Name:	28TH ST CITY OF TACOMA PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	362821
Rank:	5
Region:	SW
EDR Link ID:	362821
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	28TH ST CITY OF TACOMA PROPERTY
Address:	2801 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	362821
Region:	Southwest
Lat/Long:	47.236 / -122.434342
Clean Up Siteid:	3208
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	28TH ST ASPHALT PAVING & CURB/GUTTER IMPROVEMENT,28TH STREET
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	28TH ST CITY OF TACOMA PROPERTY
Facility Id:	362821

FINDS:

Registry ID:	110022928144

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ASBESTOS:

Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	0
Form ID:	107063##1210Therm974545
Notice Date:	10/14/2015
Start Date:	10/26/2015
Completion Date:	11/18/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-10-14 13:40:53
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	107063
Form ID:	107546##1210Therm764368
Notice Date:	10/27/2015
Start Date:	10/26/2015

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Completion Date:	11/18/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	ON HOLD Tuesday 10-27-15 at 730am
Date Time Submitted:	2015-10-27 07:31:46
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	107063
Form ID:	107584##1210Therm803790
Notice Date:	10/27/2015
Start Date:	10/26/2015
Completion Date:	10/27/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	1:45 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	OFF HOLD and completed at of Tuesday 10-27-15
Date Time Submitted:	2015-10-27 13:48:56
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

198
WSW
1/2-1
0.591 mi.
3121 ft.

Relative:
Higher

Actual:
115 ft.

SMITTYS FLEET SVC INC
2718 PACIFIC AVE
TACOMA, WA 98402

WA CSCSL **1000838597**
WA LUST **WAD988513842**
WA UST
WA SWRCY
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

CSCSL:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5947319
Region:	Southwest
Lat/Long:	47.23625 / -122.43498
Clean Up Siteid:	7678
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Smittys Fleet Svc Inc
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5947319
Lust Status Type:	LUST - Awaiting Cleanup

SMITTYS FLEET SVC INC (Continued) **1000838597**

Cleanup Site ID:	7678
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Smittys Fleet Svc Inc
Response Section:	Southwest
Release Date:	10/22/1990
Lust Date:	10/22/1990
Region:	Southwest
Lust ID:	1727
UST ID:	200357
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23625 / -122.43498

UST:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	5947319
Site Id:	200357
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23625
Decimal Longitude:	-122.43498

Tank Name:	1.L/FREE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2.REGULAR
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3.DIES-FRT
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: SMITTYS FLEET SERVICE
Address: 2718 PACIFIC AVE
City: TACOMA
Zip: 98402

Tank Name: 4.DIES-BLD
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 02/03/2000
Tank Install Date: 01/01/1964
Tank Closure Date: Not reported
Capacity Range: 2,001 to 4,999 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: SMITTYS FLEET SERVICE
Address: 2718 PACIFIC AVE
City: TACOMA
Zip: 98402

Tank Name: 5.DRAIN OIL
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 02/03/2000
Tank Install Date: 01/01/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

SWRCY:

Name:	D&D AUTOMOTIVE
Address:	2718 PACIFIC AVENUE
City,State,Zip:	TACOMA, WA 98402
Phone:	253-383-3307
Website:	Not reported
Material Accepted:	Used Motor Oil & Filters
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri 8am-5pm
Comments:	Will take up to 5 gallons.
Material Category:	Automotive
Organization ID:	1174
Organization Name:	D&D Automotive
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

ALLSITES:

Name:	SMITTYS FLEET SVC INC
Facility Id:	5947319

RCRA Listings:

Date Form Received by Agency:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Handler Address:	2718 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988513842
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2220 S TACOMA WAY
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	SMITTYS FLEET SVC INC
Owner Type:	Private
Operator Name:	SMITTYS FLEET SVC INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:53.0

SMITTYS FLEET SVC INC (Continued) **1000838597**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET S S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

SMITTYS FLEET SVC INC (Continued) **1000838597**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

SMITTYS FLEET SVC INC (Continued) **1000838597**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005380783

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838597
Registry ID:	110005380783
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005380783
Name:	SMITTYS FLEET SVC INC
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

AT199 **WA DOT DEDENTE BUILDING** **WA CSCSL** **U003759243**
WNW **2101 PACIFIC AVENUE** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA UST**
0.593 mi. **WA ALLSITES**
3129 ft. **Site 1 of 2 in cluster AT**

Relative:
Higher

Actual:
56 ft.

CSCSL:

Name:	WA DOT DEDENTE BLDG SITE
Address:	2101 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	92371125
Region:	Southwest
Lat/Long:	47.242797715810 / -122.4356487293
Clean Up Siteid:	11064
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	WA DOT DEDENTE BUILDING
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	WA DOT DEDENTE BLDG SITE
Address:	2101 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	92371125
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	11064
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	WA DOT DEDENTE BUILDING
Response Section:	Southwest
Release Date:	07/06/1995
Lust Date:	07/06/1995
Region:	Southwest
Lust ID:	5620
UST ID:	556471
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2427977 / -122.43564

UST:

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402
Facility ID:	92371125
Site Id:	556471
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2427977158105
Decimal Longitude:	-122.435648729325
Tank Name:	USTE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402

Tank Name:	USTN
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402

Tank Name:	USTS
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WA DOT DEDENTE BLDG SITE
Facility Id:	92371125

AT200
WNW
1/2-1
0.594 mi.
3134 ft.

PUGNETTI PARK
2085 PACIFIC AVE S
TACOMA, WA 98402

Site 2 of 2 in cluster AT

WA HSL **1007071036**
WA CSCSL **N/A**
WA ALLSITES
FINDS

Relative:
Higher

Actual:
56 ft.

HSL:

Name:	PUGNETTI PARK
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	42385149
Rank:	2
Region:	SW
EDR Link ID:	42385149
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	PUGNETTI PARK
Address:	2085 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	42385149
Region:	Southwest
Lat/Long:	47.243418573863 / -122.4358456263
Clean Up Siteid:	4448
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents

PUGNETTI PARK (Continued) **1007071036**

Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PUGNETTI PARK
Address: 2085 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 42385149
Region: Southwest
Lat/Long: 47.243418573863 / -122.4358456263
Clean Up Siteid: 4448
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PUGNETTI PARK
Facility Id: 42385149

FINDS:
Registry ID: 110015476509

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AU201 WNW 1/2-1 0.626 mi. 3303 ft. | **UNION STATION MUSEUM 1917 PACIFIC AVE SO TACOMA, WA 98402** | **WA CSCSL WA LUST WA UST WA ALLSITES** | **U003352715 N/A**

Site 1 of 2 in cluster AU

Relative: Higher

Actual: 48 ft.

CSCSL:

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started

UNION STATION MUSEUM (Continued) **U003352715**

Contaminant Name: Petroleum-Diesel
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address: 1917 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 54459981
Region: Southwest
Lat/Long: 47.24448 / -122.43655
Clean Up Siteid: 9641
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address: 1917 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 54459981
Region: Southwest
Lat/Long: 47.24448 / -122.43655
Clean Up Siteid: 9641
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UNION STATION MUSEUM (Continued) **U003352715**

LUST:

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action

UNION STATION MUSEUM (Continued) **U003352715**

Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Diesel
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Benzene
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected

UNION STATION MUSEUM (Continued) **U003352715**

Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

UST:

Name:	UNION STATION MUSEUM
Address:	1917 PACIFIC AVE SO
City:	TACOMA
Zip:	98402
Facility ID:	54459981
Site Id:	101729
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24448
Decimal Longitude:	-122.43655

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	UNION STATION MUSEUM
Facility Id:	54459981

202 WSW 1/2-1 0.626 mi. 3305 ft. | **ON THE WATER LLC**
2502 S C ST
TACOMA, WA 98402 | **WA CSCSL**
WA LUST
WA ALLSITES
WA MANIFEST | **S113230112**
N/A

Relative: Higher

Actual: 111 ft.

CSCSL:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Region:	Southwest
Lat/Long:	47.23851 / -122.43712
Clean Up Siteid:	12178
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	On the Water LLC/Warehouse
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Region:	Southwest
Lat/Long:	47.23851 / -122.43712
Clean Up Siteid:	12178
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	On the Water LLC/Warehouse
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Lust Status Type:	LUST - NFA
Cleanup Site ID:	12178
Cleanup Unit Type:	Upland

ON THE WATER LLC (Continued) **S113230112**

Process Type:	Independent Action
Cleanup Unit Name:	On the Water LLC/Warehouse
Response Section:	Southwest
Release Date:	04/15/2013
Lust Date:	12/23/2013
Region:	Southwest
Lust ID:	6765
UST ID:	619986
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23851 / -122.43712

ALLSITES:

Name:	ON THE WATER LLC
Facility Id:	19069

WA MANIFEST:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	19069
EPA ID:	WAH000042860
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D018, D008
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602615369
Business Type:	Automotive
Mail Name:	On the Waster LLC
Mailing Address:	PO Box 1266
Mailing City,State,Zip:	Gig Harbor, WA 98335-3266
Legal Organization Name:	On the Waster LLC

ON THE WATER LLC (Continued) **S113230112**

Legal Organization Type:	Tribal
Legal Contact:	Not reported
Legal Address:	PO Box 1266
Legal Address 2:	Not reported
Legal City,State,Zip:	Gig Harbor, WA 98335-3266
Legal Phone Number:	253-851-9309
Legal Effective Date:	Not reported
Land Organization Name:	On the Waster LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 1266
Land City,State,Zip:	Gig Harbor, WA 98335-3266
Land Phone Number:	253-851-9309
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	253-502-2175
Operator Effective Date:	Not reported
Site Contact:	City of Tacoma
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-502-2175
Site Contact Email:	Joloughl@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Benezene and lead
CORb Sequence Number:	142120

ON THE WATER LLC (Continued) **S113230112**

Sequence Number:	3234860
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	GAL
Kilograms Quanity:	2258.92803
Density Number:	8.30000000
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	1674147
Shipment Date:	2013-02-11 00:00:00
Mainfest Document ID:	000072620DAT
Reported Quanity:	600
Unit of Measure:	GAL
Kilograms Quanity:	2258.92803
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	796395
Received EPAID:	WAD991281767
Managed Quanity:	600
Kilogram Quanity:	2258.92803
Recycled Percentage:	0
Waste Management System Code:	H135

Waste Stream Comments:

CORB Waste Sequence Number:	142120
Comments:	A-8 resisual fuel from underground storage tank.
Waste Sequence Number:	3234860
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	7159563
WCDA Code:	D008
Waste Sequence Number:	3234860
Sequence Number:	7159562
WCDA Code:	D018

Waste Stream Source Code:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	1
WCDD Code:	G45

AU203 **WASHINGTON STATE HISTORY MUSEUM** **WA HSL** **S108479706**
WNW **1911 PACIFIC AVE** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.627 mi.
3308 ft. **Site 2 of 2 in cluster AU**

Relative:
Higher

Actual:
47 ft.

HSL:

Name:	WASHINGTON STATE HISTORY MUSEUM
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	4553045
Rank:	4
Region:	SW
EDR Link ID:	4553045
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	WASHINGTON STATE HISTORY MUSEUM
Address:	1911 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4553045
Region:	Southwest
Lat/Long:	47.245080118084 / -122.4362511998
Clean Up Siteid:	3332
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BURLINGTON NORTHERN RAILROAD MAINTENANCE YARD PACIFIC AVE
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WASHINGTON STATE HISTORY MUSEUM
Facility Id:	4553045

204 SW 1/2-1 0.627 mi. 3310 ft. | **WSDOT SR 705 ON RAMP TO SB I-5**
PIERCE (County), WA | **WA CSCSL** **WA ALLSITES** | **S123096555** **N/A**

Relative: Higher
Actual: 159 ft.

CSCSL:

Name:	WSDOT SR 705 ON RAMP TO SB I-5
Address:	Not reported
City,State,Zip:	WA
Facility ID:	27197
Region:	Southwest
Lat/Long:	47.233867 / -122.433105
Clean Up Siteid:	14642
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WSDOT SR 705 ON RAMP TO SB I-5
Facility Id:	27197

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205 WSW 1/2-1 0.642 mi. 3391 ft. | **25TH & HOLGATE S TACOMA**
25TH & HOLGATE S
TACOMA, WA 98402 | **WA HSL** **WA CSCSL** **WA ALLSITES** **FINDS** | **1007080126** **N/A**

Relative: Higher
Actual: 116 ft.

HSL:

Name:	25TH & HOLGATE S TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	16358
Rank:	3
Region:	SW
EDR Link ID:	16358
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	25TH & HOLGATE S TACOMA
Address:	25TH & HOLGATE S
City,State,Zip:	TACOMA, WA 98402

25TH & HOLGATE S TACOMA (Continued) **1007080126**

Facility ID:	16358
Region:	Southwest
Lat/Long:	47.23858 / -122.43743
Clean Up Siteid:	1763
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	25TH & HOLGATE S TACOMA
Address:	25TH & HOLGATE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	16358
Region:	Southwest
Lat/Long:	47.23858 / -122.43743
Clean Up Siteid:	1763
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	25TH & HOLGATE S TACOMA
Facility Id:	16358

FINDS:

Registry ID: 110015568447

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

25TH & HOLGATE S TACOMA (Continued) **1007080126**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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206 West 1/2-1 0.655 mi. 3457 ft.

COLUMBIA ENERGY RESOURCES
2120 S C ST
TACOMA, WA 98402

WA CSCSL **U003353200**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES

Relative: Higher

Actual: 92 ft.

CSCSL:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	43392187
Region:	Southwest
Lat/Long:	47.242053410976 / -122.4380070919
Clean Up Siteid:	11837
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	43392187
Region:	Southwest
Lat/Long:	47.242053410976 / -122.4380070919
Clean Up Siteid:	11837
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402
Facility ID:	43392187
Site Id:	11237
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2420534109762
Decimal Longitude:	-122.438007091909

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	43392187
Latitude:	47.242053411
Longitude:	-122.43800709
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0170811022e+011
Filing Date Of Individual IC Doc:	08/11/2017
Education Programs:	False

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	2021060014
Control Active:	True
CS ID:	11837
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

ALLSITES:

Name:	COLUMBIA ENERGY RESOURCES A LIMITED P
Facility Id:	43392187

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207 **TACOMA TAR PITS** **SEMS** **1000334233**
NE **PORTLAND AV & RIVER ST** **WA HSL** **WAD980723795**
1/2-1 **TACOMA, WA 98402** **WA CSCSL**
0.657 mi. **WA ALLSITES**
3469 ft. **CONSENT**

Relative:
Lower

Actual:
13 ft.

SEMS:

Site ID:	1000965
EPA ID:	WAD980723795
Name:	TACOMA TAR PITS
Address:	PORTLAND AV & RIVER ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98402
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS

TACOMA TAR PITS (Continued) **1000334233**

NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1982-02-01 05:00:00
Finish Date:	2/1/1982 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1992-03-01 05:00:00
Finish Date:	4/22/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1982-04-01 05:00:00
Finish Date:	4/1/1982 5:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1983-03-01 05:00:00
Finish Date:	3/1/1983 5:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf

TACOMA TAR PITS (Continued) **1000334233**

HSL:

Name:	TACOMA TAR PITS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	221
Rank:	0
Region:	EPA
EDR Link ID:	221
Region Decode:	Not reported

CSCSL:

Name:	TACOMA TAR PITS
Address:	PORTLAND AVE & RIVER
City,State,Zip:	TACOMA, WA 98401
Facility ID:	221
Region:	Southwest
Lat/Long:	47.245667283647 / -122.4192900001
Clean Up Siteid:	622
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

Name:	TACOMA TAR PITS
Address:	PORTLAND AVE & RIVER
City,State,Zip:	TACOMA, WA 98401
Facility ID:	221
Region:	Southwest
Lat/Long:	47.245667283647 / -122.4192900001
Clean Up Siteid:	622
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

TACOMA TAR PITS (Continued) **1000334233**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: TACOMA TAR PITS
Address: PORTLAND AVE & RIVER
City,State,Zip: TACOMA, WA 98401
Facility ID: 221
Region: Southwest
Lat/Long: 47.245667283647 / -122.4192900001
Clean Up Siteid: 622
Site Status: CC-Perf. Monitoring
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

Name: TACOMA TAR PITS
Address: PORTLAND AVE & RIVER
City,State,Zip: TACOMA, WA 98401
Facility ID: 221
Region: Southwest
Lat/Long: 47.245667283647 / -122.4192900001
Clean Up Siteid: 622
Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

ALLSITES:
Name: TACOMA TAR PITS
Facility Id: 221

CONSENT:
EPA ID: WAD980723795
Site ID: Not reported

TACOMA TAR PITS (Continued) **1000334233**

Case Title:	Not reported
Court Num:	Not reported
District:	Not reported
Entered Date:	Not reported
Name:	US V. PUGET SOUND POWER & LIGHT CO.
Name:	TACOMA TAR PITS
Address:	PORTLAND AV & RIVER ST
City,State,Zip:	TACOMA, WA 98402
County:	PIERCE

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208 WNW 1/2-1 0.662 mi. 3496 ft. | **SHAUB ELLISON CO TACOMA**
1902 PACIFIC AVE
TACOMA, WA 98402 | **WA CSCSL**
WA LUST
WA UST
WA ALLSITES | **1007078518**
N/A

Relative: Higher

Actual: 60 ft.

CSCSL:

Name:	SHAUB-ELLISON CO/UW TACOMA BRANCH
Address:	1902 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4283388
Region:	Southwest
Lat/Long:	47.24459 / -122.43681
Clean Up Siteid:	7568
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	SHAUB ELLISON CO,SHAUB ELLISON CO TACOMA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SHAUB-ELLISON CO/UW TACOMA BRANCH
Address:	1902 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4283388
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7568
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SHAUB ELLISON CO,SHAUB ELLISON CO TACOMA
Response Section:	Southwest
Release Date:	05/01/1993
Lust Date:	05/01/1993
Region:	Southwest
Lust ID:	4060
UST ID:	4883
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24459 / -122.43681

UST:

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	4283388
Site Id:	4883
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24459
Decimal Longitude:	-122.43681

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SHAUB ELLISON CO
Facility Id: 4283388

AV209 WNW 1/2-1 0.669 mi. 3533 ft. | **UNIVERSITY OF WASHINGTON 1904 COMMERCE ST TACOMA, WA 98409** | **WA CSCSL WA LUST WA UST WA ALLSITES** | **U003352838 N/A**

Site 1 of 2 in cluster AV

Relative: Higher
Actual: 72 ft.

CSCSL:
Name: POWER STATION
Address: 1904 COMMERCE ST
City,State,Zip: TACOMA, WA 98409
Facility ID: 8411422
Region: Southwest
Lat/Long: 47.244080272304 / -122.4373740881
Clean Up Siteid: 7788
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNIVERSITY OF WASHINGTON,WA UNIVERSITY OF WASHINGTON
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: POWER STATION
Address: 1904 COMMERCE ST
City,State,Zip: TACOMA, WA 98409
Facility ID: 8411422
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 7788
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNIVERSITY OF WASHINGTON,WA UNIVERSITY OF WASHINGTON
Response Section: Southwest
Release Date: 06/29/1995
Lust Date: 06/29/1995
Region: Southwest
Lust ID: 3878
UST ID: 102250
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

UNIVERSITY OF WASHINGTON (Continued) **U003352838**

Bedrock: Not reported
Lat/Long: 47.2440802 / -122.43737

UST:
Name: UNIVERSITY OF WASHINGTON
Address: 1904 COMMERCE ST
City: TACOMA
Zip: 98409
Facility ID: 8411422
Site Id: 102250
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2440802723044
Decimal Longitude: -122.437374088128

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: WA UNIVERSITY OF WASHINGTON
Facility Id: 8411422

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210 ENE 1/2-1 0.671 mi. 3541 ft. | **UNION PACIFIC RAILROAD, TACOMA YARD** | **WA CSCSL** | **S121970508**
2300 CLEVELAND WAY | **WA ALLSITES** | **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 15 ft.

CSCSL:
Name: UNION PACIFIC RAILROAD, TACOMA YARD
Address: 2300 CLEVELAND WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 67690

UNION PACIFIC RAILROAD, TACOMA YARD (Continued) **S121970508**

Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

UNION PACIFIC RAILROAD, TACOMA YARD (Continued) **S121970508**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: UNION PACIFIC RAILROAD TACOMA YARD
Facility Id: 67690

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211 WNW 1/2-1 0.687 mi. 3625 ft. | **R & R INVESTMENT 1920 C ST S TACOMA, WA 98402** | **WA CSCSL WA LUST WA UST WA ALLSITES** | **U003355810 N/A**

Relative: Higher
Actual: 74 ft.

CSCSL:
Name: U OF W - TACOMA BRANCH CAMPUS
Address: 1920 C ST S
City,State,Zip: TACOMA, WA 98402
Facility ID: 51567736
Region: Southwest
Lat/Long: 47.24416 / -122.4375
Clean Up Siteid: 9505
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: R & R INVESTMENT
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: U OF W - TACOMA BRANCH CAMPUS
Address: 1920 C ST S
City,State,Zip: TACOMA, WA 98402
Facility ID: 51567736
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9505
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: R & R INVESTMENT
Response Section: Southwest
Release Date: 09/30/1993
Lust Date: 09/30/1993
Region: Southwest
Lust ID: 3305
UST ID: 9204
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported

R & R INVESTMENT (Continued) **U003355810**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24416 / -122.4375

UST:

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402
Facility ID:	51567736
Site Id:	9204
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24416
Decimal Longitude:	-122.4375

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported

R & R INVESTMENT (Continued) **U003355810**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

R & R INVESTMENT (Continued) **U003355810**

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

R & R INVESTMENT (Continued) **U003355810**

Dispencer/Pump SFC Type: Not reported

Name: R & R INVESTMENT
Address: 1920 C ST S
City: TACOMA
Zip: 98402

Tank Name: 6
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: R & R INVESTMENT
Facility Id: 51567736

AV212 **WA UW TACOMA BR CAMP** **SEMS-ARCHIVE** **1000179249**
WNW **1930 C ST** **CORRACTS** **WAD980664718**
1/2-1 **TACOMA, WA 98402** **RCRA-TSDF**
0.688 mi. **WA ALLSITES**
3634 ft. **Site 2 of 2 in cluster AV** **RCRA NonGen / NLR**
2020 COR ACTION
Relative: **RAATS**
Higher

Actual:
75 ft.

SEMS Archive:
Site ID: 1001551
EPA ID: WAD980664718
Name: ARRCOM INC TACOMA
Address: 1930 C ST
Address 2: Not reported
City,State,Zip: TACOMA, WA 98402
Cong District: 06
FIPS Code: 53053
FF: N
NPL: Not on the NPL

WA UW TACOMA BR CAMP (Continued) **1000179249**

Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	10
Site ID:	1001551
EPA ID:	WAD980664718
Site Name:	ARRCOM INC TACOMA
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1993-06-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1001551
EPA ID:	WAD980664718
Site Name:	ARRCOM INC TACOMA
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1991-09-17 04:00:00
Finish Date:	1991-09-17 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1001551
EPA ID:	WAD980664718
Site Name:	ARRCOM INC TACOMA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1993-06-29 04:00:00
Finish Date:	1993-06-29 04:00:00
Qual:	D
Current Action Lead:	EPA Perf

CORRACTS:

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA010
Actual Date:	1995-10-17 00:00:00.0
Air Release Indicator:	Y

WA UW TACOMA BR CAMP (Continued) **1000179249**

Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA050PA
Actual Date:	1992-04-13 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA075ME
Actual Date:	1995-01-18 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA060
Actual Date:	1994-07-01 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA070YE
Actual Date:	1994-11-01 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA100
Actual Date:	1997-10-01 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y

WA UW TACOMA BR CAMP (Continued) **1000179249**

Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: BLECKERT-CRAGLE SUBAREA
Corrective Action: CA110
Actual Date: 1997-09-02 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: REMAINING AREA
Corrective Action: CA110
Actual Date: 1997-09-02 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: HOWE PLUME AREA
Corrective Action: CA110
Actual Date: 1997-09-02 00:00:00.0
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: BLECKERT-CRAGLE SUBAREA
Corrective Action: CA120
Actual Date: 1997-11-07 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: REMAINING AREA
Corrective Action: CA120
Actual Date: 1997-11-07 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Click this hyperlink while viewing on your computer to access
181 additional CORRACTS: record(s) in the EDR Site Report.

RCRA Listings:

Date Form Received by Agency:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Handler Address:	1930 C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980664718
Contact Name:	DAVE LUNDSTROM
Contact Address:	PO BOX 354400
Contact City,State,Zip:	SEATTLE, WA 98195
Contact Telephone:	206-685-2848
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ARRCOM INC
Owner Type:	Private
Operator Name:	PHIPPEN, WENDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Post-Closure Care, Sudden Third-Party Liability, Non-Sudde Third-Party Liability
Handler Date of Last Change:	2018-05-09 13:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC A
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY P
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private

WA UW TACOMA BR CAMP (Continued) **1000179249**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1982-01-06 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61131
NAICS Description: COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1998-10-22 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1998-10-22 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2000-03-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-12-27 00:00:00.0
Evaluation Responsible Agency:	EPA

WA UW TACOMA BR CAMP (Continued) **1000179249**

Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	RWW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-01-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Date:	1999-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-10-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-03-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

ALLSITES:

Name:	WA UW TACOMA BR CAMP
Facility Id:	61923571

RCRA Listings:

Date Form Received by Agency:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Handler Address:	1930 C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980664718
Contact Name:	DAVE LUNDSTROM
Contact Address:	PO BOX 354400
Contact City,State,Zip:	SEATTLE, WA 98195
Contact Telephone:	206-685-2848
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ARRCOM INC
Owner Type:	Private
Operator Name:	PHIPPEN, WENDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

WA UW TACOMA BR CAMP (Continued) **1000179249**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Post-Closure Care, Sudden Third-Party Liability, Non-Sudde Third-Party Liability
Handler Date of Last Change:	2018-05-09 13:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC A
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY P
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1982-01-06 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified

WA UW TACOMA BR CAMP (Continued) **1000179249**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61131
NAICS Description: COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2000-03-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier: WALJW
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2006-07-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier: WALJW
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Date:	1993-12-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	RWW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-01-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-10-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-03-24 00:00:00.0
Evaluation Responsible Agency:	State

WA UW TACOMA BR CAMP (Continued) **1000179249**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

2020 COR ACTION:

EPA ID:	WAD980664718
Region:	10
Action:	Not reported

RAATS:

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005(A)
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	22,000.00
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 270.10(F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision

WA UW TACOMA BR CAMP (Continued) **1000179249**

Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005(A)
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	22,000.00
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 270.10(F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

213
North
1/2-1
0.691 mi.
3648 ft.

Relative:
Lower

Actual:
10 ft.

RAINIER RICHLITE CO
624 E 15TH ST
TACOMA, WA 98421

RCRA-VSQG **1000891764**
WA CSCSL **98421RNRPL624E1**
WA LUST
WA ALLSITES
TRIS
ICIS
US AIRS
FINDS
ECHO
CA HAZNET
WA MANIFEST
WA NPDES

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Handler Address:	624 E 15TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988506010
Contact Name:	CAROL BURGESS
Contact Address:	624 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-682-1119
Contact Fax:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Contact Email:	CAROL@RICHLITE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	RAINIER PLYWOOD
Owner Type:	Private
Operator Name:	RAINIER PLYWOOD CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

RAINIER RICHLITE CO (Continued) **1000891764**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:10:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

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RAINIER RICHLITE CO (Continued) **1000891764**

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Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD R
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
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RAINIER RICHLITE CO (Continued) **1000891764**

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	624 E 15TH ST
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Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD R
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
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Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
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RAINIER RICHLITE CO (Continued) **1000891764**

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RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Owner
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RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-19 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Electronic Manifest Broker:	Not reported
Receive Date:	1998-10-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-04-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-02 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-03-13 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-06-18 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified

RAINIER RICHLITE CO (Continued) **1000891764**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-04-29 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-04 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-19 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Receive Date:	2012-03-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-16 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-06 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-13 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-01-18 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322220
NAICS Description:	PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING
NAICS Code:	322222
NAICS Description:	COATED AND LAMINATED PAPER MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-05-21 00:00:00.0
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-06-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2000-10-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2000-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2013-05-21 00:00:00.0
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-06-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Large Quantity Handlers
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2000-10-03 00:00:00.0
Scheduled Compliance Date:	2000-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

RAINIER RICHLITE CO (Continued) **1000891764**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0

RAINIER RICHLITE CO (Continued) **1000891764**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

CSCSL:

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421

RAINIER RICHLITE CO (Continued) **1000891764**

Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Phenolic Compounds
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest

RAINIER RICHLITE CO (Continued) **1000891764**

Lust ID:	2075
UST ID:	1545
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Lat/Long: 47.25076 / -122.42438

Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 81457934
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10604
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section: Southwest
Release Date: 06/18/1992
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 2075
UST ID: 1545
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.25076 / -122.42438

Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 81457934
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10604
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section: Southwest
Release Date: 06/18/1992
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 2075
UST ID: 1545
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.25076 / -122.42438

ALLSITES:
Name: RAINIER PLYWOOD
Facility Id: 81457934

Facility, Chemical, Releases and Other Waste Management Summary Information:
TRI ID: 98421RNRPL624E1

RAINIER RICHLITE CO (Continued) **1000891764**

Form Type:	Form R
Reporting year:	2018
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	PRESIDENT RODNEY BAUM
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2019-06-26
Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	RAINIER PLYWOOD CO
Mailing street:	624 E 15TH ST
Mailing province:	Not reported
Mailing City,State,Zip:	TACOMA, WA 98421
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	RODNEY BAUM
Public contact phone and Ext:	2533835533 111
Public contact email:	RODNEY@RICHLITE.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	322299
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	47.250585
Longitude:	-122.424002
D and B number A:	009254871
D and B number B:	Not reported
RCRA number A:	WAD988506010
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	WAR001971
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Parent company D and B number:		Not reported
Standardized parent company name:		NA
Document control number:		1318217178920
TRI ID:		98421RNRPL624E1
Cas number:		000067561
Chemical name:	METHANOL	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		04
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		3315
Stack air emissions - release range code:		Not reported
Total stack air emissions:		3315
Stack air emissions - basis of estimate:		Other
Total air emissions:		3315
Discharges to stream a - stream name:		Not reported
Total discharges to stream a:		Not reported
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported
Total discharges to stream g:		Not reported
Discharges to stream g - basis of estimate:		Not reported
Discharges to stream g - % from stormwater:		Not reported
Total number of receiving streams:		0
Total surface water discharge:		0
Total on-site underground inj - pounds:		0
On-site underground inj - basis of estimate:		Not reported
Total on-site ugrnd inj to cl i wells - pounds:		0
On-site underground inj to c1 i wells - basis of estimate:		Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:		0
On-site ungrnd inj to cl ii-v wells - basis of estimate:		Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	3315
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	415758
Treated on site current year:	649622
Total on-site waste management:	1065380
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:		000067561
Document control number:		1318217178920
Chemical name:	METHANOL	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		No
P101 feedstocks:		No
P102 raw materials:		No
P103 intermediates:		No
P104 initiators:		No
P199 other:		No
Added as a formulation component:		No
P201 additives:		No
P202 dyes:		No
P203 reaction diluents:		No
P204 initiators:		No
P205 solvents:		No
P206 inhibitors:		No
P207 emulsifiers:		No
P208 surfactants:		No
P209 lubricants:		No
P210 flame retardants:		No
P211 rheological modifiers:		No
P299 other:		No
Used as an article component:		No
Repackaging:		No

RAINIER RICHLITE CO (Continued) **1000891764**

As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0

RAINIER RICHLITE CO (Continued) **1000891764**

On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	3414
Other on-site releases - current year:	3315
Other on-site releases - following year:	3646
Other on-site releases - 2nd-following year:	3412
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	420631
Energy recovery on site current year:	415758
Energy recovery on site following year:	457338
Energy recovery on site 2nd-following year:	435124
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	657237
Quantity treated on site current year:	649622
Quantity treated on site following year:	714584
Quantity treated on site 2nd-following year:	676235
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported

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4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported

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Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	98421RNRPL624E1
Cas number:	000050000
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	270
Stack air emissions - release range code:	Not reported
Total stack air emissions:	270
Stack air emissions - basis of estimate:	Other
Total air emissions:	270
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0

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On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	270
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	32272
Treated on site current year:	50425
Total on-site waste management:	82697
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	Yes
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No

RAINIER RICHLITE CO (Continued) **1000891764**

P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI

RAINIER RICHLITE CO (Continued) **1000891764**

Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	261
Other on-site releases - current year:	270
Other on-site releases - following year:	297
Other on-site releases - 2nd-following year:	270
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	32743
Energy recovery on site current year:	32272
Energy recovery on site following year:	35499
Energy recovery on site 2nd-following year:	37112
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	51161
Quantity treated on site current year:	50425
Quantity treated on site following year:	55467
Quantity treated on site 2nd-following year:	57988
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		98421RNRPL624E1
Cas number:		000108952
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		03
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		341
Stack air emissions - release range code:		Not reported
Total stack air emissions:		341
Stack air emissions - basis of estimate:		Other
Total air emissions:		341
Discharges to stream a - stream name:		Not reported
Total discharges to stream a:		Not reported
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported
Discharges to stream e - stream name:		Not reported
Total discharges to stream e:		Not reported
Discharges to stream e - basis of estimate:		Not reported
Discharges to stream e - % from stormwater:		Not reported
Discharges to stream f - stream name:		Not reported
Total discharges to stream f:		Not reported
Discharges to stream f - basis of estimate:		Not reported
Discharges to stream f - % from stormwater:		Not reported
Discharges to stream g - stream name:		Not reported
Total discharges to stream g:		Not reported
Discharges to stream g - basis of estimate:		Not reported
Discharges to stream g - % from stormwater:		Not reported
Total number of receiving streams:		0
Total surface water discharge:		0

RAINIER RICHLITE CO (Continued) **1000891764**

Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	341
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	90588
Treated on site current year:	141543
Total on-site waste management:	232131
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:		000108952
Document control number:		1318217178932
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		Yes
P101 feedstocks:		No
P102 raw materials:		No
P103 intermediates:		No
P104 initiators:		No
P199 other:		No
Added as a formulation component:		Yes
P201 additives:		No
P202 dyes:		No
P203 reaction diluents:		No
P204 initiators:		No
P205 solvents:		No
P206 inhibitors:		No
P207 emulsifiers:		No
P208 surfactants:		No

RAINIER RICHLITE CO (Continued) **1000891764**

P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000108952

RAINIER RICHLITE CO (Continued) **1000891764**

Document control number:		1318217178932
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
On-site limited releases - prior year:		0
On-site limited releases - current year:		0
On-site limited releases - following year:		0
On-site limited releases - 2nd-following year:		0
Other on-site releases - prior year:		330
Other on-site releases - current year:		341
Other on-site releases - following year:		375
Other on-site releases - 2nd-following year:		360
Off-site limited releases - prior year:		0
Off-site limited releases - current year:		0
Off-site limited releases - following year:		0
Off-site limited releases - 2nd-following year:		0
Other off-site releases - previous year:		0
Other off-site releases - current year:		0
Other off-site releases - following year:		0
Other off-site releases - 2nd-following year:		0
Energy recovery on site prior year:		91910
Energy recovery on site current year:		90588
Energy recovery on site following year:		99646
Energy recovery on site 2nd-following year:		95466
Energy recovery off site prior year:		0
Energy recovery off site current year:		0
Energy recovery off site following year:		0
Energy recovery off site 2nd-following year:		0
Quantity recycled on site prior year:		0
Quantity recycled on site current year:		0
Quantity recycled on site following year:		0
Quantity recycled on site 2nd-following year:		0
Quantity recycled off site prior year:		0
Quantity recycled off site current year:		0
Quantity recycled off site following year:		0
Quantity recycled off site 2nd-following year:		0
Quantity treated on site prior year:		143610
Quantity treated on site current year:		141543
Quantity treated on site following year:		155697
Quantity treated on site 2nd-following year:		151234
Quantity treated off site prior year:		0
Quantity treated off site current year:		0
Quantity treated off site following year:		0
Quantity treated off site 2nd-following year:		0
Catastrophic releases or other one-time events:		Not reported
Prod ratio/activity index:		1
Prod ratio or activity:		PRODUCTION
1st SR reduction activity:		NA-Na
1st SR activity ID meth code and desc 1:		Not reported
1st SR activity ID meth code and desc 2:		Not reported
1st SR activity ID meth code and desc 3:		Not reported
EST Ann REDN 1st source REDN act code and desc:		Not reported
2nd SR activity code and desc:		Not reported
2nd SR activity ID meth code and desc 1:		Not reported
2nd SR activity ID meth code and desc 2:		Not reported
2nd SR activity ID meth code and desc 3:		Not reported
EST Ann REDN 2nd source REDN act code and desc:		Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000108952
Document control number:	1318217178932
Chemical name: PHENOL	
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

ICIS:

Enforcement Action ID:	WAPSCA0000530530021800054
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800054
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800040
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800040
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800036
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800036
Facility Name:	RAINIER RICHLITE CO

RAINIER RICHLITE CO (Continued) **1000891764**

Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800027
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800027
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800024
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800024
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800019

RAINIER RICHLITE CO (Continued) **1000891764**

FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800019
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800018
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800018
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800016
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800016
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220

RAINIER RICHLITE CO (Continued) **1000891764**

Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530021800014
FRS ID: 110001916767
Action Name: RAINIER RICHLITE CO 530530021800014
Facility Name: RAINIER RICHLITE CO
Facility Address: 624 E 15TH ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.25062
Longitude in Decimal Degrees: -122.42487
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300218
Facility NAICS Code: 322220
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530021800011
FRS ID: 110001916767
Action Name: RAINIER RICHLITE CO 530530021800011
Facility Name: RAINIER RICHLITE CO
Facility Address: 624 E 15TH ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.25062
Longitude in Decimal Degrees: -122.42487
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300218
Facility NAICS Code: 322220
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530021800010
FRS ID: 110001916767
Action Name: RAINIER RICHLITE CO 530530021800010
Facility Name: RAINIER RICHLITE CO
Facility Address: 624 E 15TH ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.25062
Longitude in Decimal Degrees: -122.42487

RAINIER RICHLITE CO (Continued) **1000891764**

Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530021800009
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800009
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530021800007
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800007
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported
Enforcement Action ID:	WAPSCA0000530530021800003
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800003
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	10-2006-0346
FRS ID:	110001916767
Action Name:	RAINIER PLYWOOD CO DBA RICHLITE CO
Facility Name:	RICHLITE
Facility Address:	624 E 15TH STREET TACOMA, WA 98421
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.2508
Longitude in Decimal Degrees:	-122.424
Permit Type Desc:	Not reported
Program System Acronym:	200000371
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

US AIRS (AFS):
Envid: 1000891764
Region Code: 10
County Code: WA053
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
D and B Number: Not reported
Facility Site Name: RAINIER RICHLITE CO
Primary SIC Code: Not reported
NAICS Code: 322220
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-10-21 00:00:00
Activity Status Date: 2014-12-11 17:03:40
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10

RAINIER RICHLITE CO (Continued) **1000891764**

Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-08-24 00:00:00
Activity Status Date: 2015-09-11 16:55:19
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2016-05-26 00:00:00
Activity Status Date: 2016-07-08 16:32:09
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-05-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-11-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-05-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-03-14 00:00:00

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-04-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-09-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-09-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-10-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR

RAINIER RICHLITE CO (Continued) **1000891764**

Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-05-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-06-07 00:00:00
Activity Status Date: 2012-06-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 2005-12-16 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10

RAINIER RICHLITE CO (Continued) **1000891764**

Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-09 00:00:00

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-10-11 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-04-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-04-27 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR

RAINIER RICHLITE CO (Continued) **1000891764**

Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-10-07 00:00:00
Activity Status Date: 2005-10-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 10

RAINIER RICHLITE CO (Continued) **1000891764**

Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-12-13 00:00:00
Activity Status Date:	2005-12-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-09-18 00:00:00
Activity Status Date:	2008-09-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-03-29 00:00:00
Activity Status Date:	2004-03-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-01-24 00:00:00
Activity Status Date:	2005-01-24 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-04-14 00:00:00
Activity Status Date:	2005-04-14 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-23 00:00:00
Activity Status Date: 2005-05-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-06-02 00:00:00
Activity Status Date: 2005-06-02 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-07-20 00:00:00
Activity Status Date: 2005-07-20 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-29 00:00:00
Activity Status Date: 2005-08-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-23 00:00:00

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Status Date:	2005-09-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-10-04 00:00:00
Activity Status Date:	2005-10-04 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-16 00:00:00
Activity Status Date:	2008-07-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

FINDS:
Registry ID: 110001916767

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR EMISSIONS CLASSIFICATION UNKNOWN
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are

RAINIER RICHLITE CO (Continued) **1000891764**

transported off-site.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
AIR MAJOR
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000891764
Registry ID:	110001916767
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001916767
Name:	RAINIER RICHLITE
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421

HAZNET:

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 984211606
Contact:	SHAWN ODAY
Telephone:	2533835533
Mailing Name:	Not reported
Mailing Address:	624 E 15TH ST
Year:	2009
Gepaid:	WAD988506010
TSD EPA ID:	CAD980884183
CA Waste Code:	271 - Organic monomer waste (includes unreacted resins)

RAINIER RICHLITE CO (Continued) **1000891764**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.6687
Year:	2008
Gepaid:	WAD988506010
TSD EPA ID:	CAD980884183
CA Waste Code:	271 - Organic monomer waste (includes unreacted resins)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.68805
Year:	2008
Gepaid:	WAD988506010
TSD EPA ID:	CAD980884183
CA Waste Code:	271 - Organic monomer waste (includes unreacted resins)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.834
Year:	1995
Gepaid:	WAD988506010
TSD EPA ID:	CAD009452657
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0.2502
Year:	1995
Gepaid:	WAD988506010
TSD EPA ID:	CAD009452657
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	R01 - Recycler
Tons:	4.0925

Additional Info:

Year:	2008
Gen EPA ID:	WAD988506010
Shipment Date:	20080912
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080918
Manifest ID:	001365724JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G

RAINIER RICHLITE CO (Continued) **1000891764**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080219
Creation Date:	5/5/2008 18:30:17
Receipt Date:	20080225
Manifest ID:	001368721JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	WAD988506010
Shipment Date:	19950420
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950428
Manifest ID:	95024129
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	1.7225
Waste Quantity:	3445
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Shipment Date:	19950420
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950428
Manifest ID:	95024129
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	2.37
Waste Quantity:	4740
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950109
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950331
Manifest ID:	93523924
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	WAD988506010

Shipment Date:	20091117
Creation Date:	2/3/2010 18:30:16
Receipt Date:	20091207
Manifest ID:	001364694JJK
Trans EPA ID:	CAD983649880

RAINIER RICHLITE CO (Continued) **1000891764**

Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	420
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090903
Creation Date:	10/12/2009 18:30:08
Receipt Date:	20090915
Manifest ID:	001365916JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2017

RAINIER RICHLITE CO (Continued) **1000891764**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533

RAINIER RICHLITE CO (Continued) **1000891764**

Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Jose Ramirez
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	2533200761
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934

RAINIER RICHLITE CO (Continued) **1000891764**

EPA ID:		WAD988506010
NAICS:		322220
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001,F003	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		278013246
Business Type:		Not reported
Mail Name:		Rainier Plywood
Mailing Address:		624 E 15TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1606
Legal Organization Name:		Rainier Plywood
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		624 E 15TH ST
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98421-1606
Legal Phone Number:		(253)383-5533
Legal Effective Date:		05/03/1996
Land Organization Name:		Rainier Plywood
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		624 E 15TH ST
Land City,State,Zip:		TACOMA, WA 98421-1606
Land Phone Number:		(253)383-5533
Operator Organization Name:		RAINIER PLYWOOD CO
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		624 E 15TH ST
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421-1606
Operator Phone Number:		253-383-5533
Operator Effective Date:		01/01/1997
Site Contact:		Shawn ODay
Site Contact Address:		624 E 15th St
Contact City,State,Zip:		TACOMA, WA 98421
Site Contact Phone Number:		(253)383-5533
Site Contact Email:		Not reported
Gen Status Code:		SQG
Monthly Generation:		True

RAINIER RICHLITE CO (Continued) **1000891764**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996

RAINIER RICHLITE CO (Continued) **1000891764**

Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		RAINIER PLYWOOD
Address:		624 E 15TH ST
City,State,Zip:		TACOMA, WA 98421-1606
Facility Address 2:		Not reported
Facility ID:		81457934
EPA ID:		WAD988506010
NAICS:		322222
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001 F003	
Form Comm:		Not reported
Data Year:		2013
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False

RAINIER RICHLITE CO (Continued) **1000891764**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St

RAINIER RICHLITE CO (Continued) **1000891764**

Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	RAINIER PLYWD DBA RAINIER RICHLITE
Address:	624 E 15TH ST -
City,State,Zip:	TACOMA, WA 98421-1606
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.25076
Longitude:	-122.42438
Permit ID:	WAR001971
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

214 WSW 1/2-1 0.693 mi. 3659 ft. | **BNSF S HOOD ST RENTAL PROPERTY**
S HOOD ST
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES | **S110036311**
N/A

Relative: Higher

Actual: 143 ft.

HSL:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	969
Rank:	4
Region:	SW
EDR Link ID:	969
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Address:	S HOOD ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	969
Region:	Southwest
Lat/Long:	47.237666666666 / -122.4381666666
Clean Up Siteid:	51
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Facility Id:	969

215 East 1/2-1 0.698 mi. 3687 ft.

Relative: Lower

Actual: 19 ft.

SUNNEN CRANE CO INC
2323 E Q ST
TACOMA, WA 98371

WA HSL
WA CSCSL
WA LUST
WA UST
WA ICR
WA ALLSITES

U003750417
N/A

HSL:

Name:	SUNNEN CRANE SERVICE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	61656248
Rank:	3
Region:	SW
EDR Link ID:	61656248
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SUNNEN CRANE SERVICE
Address:	2323 E Q ST
City,State,Zip:	TACOMA, WA 98371
Facility ID:	61656248
Region:	Southwest
Lat/Long:	47.242139654355 / -122.4088180602
Clean Up Siteid:	9894
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	SUNNEN CRANE CO INC
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SUNNEN CRANE SERVICE
Address:	2323 E Q ST
City,State,Zip:	TACOMA, WA 98371
Facility ID:	61656248
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9894
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SUNNEN CRANE CO INC
Response Section:	Southwest
Release Date:	01/22/2001

SUNNEN CRANE CO INC (Continued) **U003750417**

Lust Date:	05/01/2001
Region:	Southwest
Lust ID:	5627
UST ID:	508097
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421396 / -122.40881

UST:

Name:	SUNNEN CRANE CO INC
Address:	2323 E Q ST
City:	TACOMA
Zip:	98371
Facility ID:	61656248
Site Id:	508097
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2421396543553
Decimal Longitude:	-122.408818060233

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	01/23/2001
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/22/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil

SUNNEN CRANE CO INC (Continued) **U003750417**

Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Site Characterization Report

ALLSITES:

Name:	TRIAD MACHINERY
Facility Id:	13185
Name:	SUNNEN CRANE CO INC
Facility Id:	61656248

216
WNW
1/2-1
0.700 mi.
3695 ft.

WA UW TACOMA BRANCH
1900 COMMERCE
TACOMA, WA 98402

WA HSL **S104918156**
WA CSCSL **N/A**
WA ALLSITES

Relative:
Higher

Actual:
74 ft.

HSL:

Name:	WA UW TACOMA BRANCH
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1325
Rank:	3
Region:	SW
EDR Link ID:	1325
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	WA UW TACOMA BRANCH
Address:	1900 COMMERCE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1325
Region:	Southwest
Lat/Long:	47.24418 / -122.43741
Clean Up Siteid:	141
Site Status:	Cleanup Started
Contaminant Name:	Base/Neutral/Acid Organics
Alternate Site Names:	ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

WA UW TACOMA BRANCH (Continued) **S104918156**

Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA UW TACOMA BRANCH
Address: 1900 COMMERCE
City,State,Zip: TACOMA, WA 98402
Facility ID: 1325
Region: Southwest
Lat/Long: 47.24418 / -122.43741
Clean Up Siteid: 141
Site Status: Cleanup Started
Contaminant Name: Halogenated Organics
Alternate Site Names: ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA UW TACOMA BRANCH
Address: 1900 COMMERCE
City,State,Zip: TACOMA, WA 98402
Facility ID: 1325
Region: Southwest
Lat/Long: 47.24418 / -122.43741
Clean Up Siteid: 141
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WA UW TACOMA BRANCH
Facility Id: 1325

217 East 1/2-1 0.703 mi. 3713 ft. | **RENTAL SERVICE CORPORATION 561**
2302 E Q ST
TACOMA, WA 98421

WA CSCSL
WA LUST
WA ALLSITES
RCRA NonGen / NLR
WA MANIFEST

1000839101
WAD988519401

Relative:
Lower

Actual:
17 ft.

CSCSL:

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Region:	Southwest
Lat/Long:	47.242333 / -122.40975
Clean Up Siteid:	4264
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Region:	Southwest
Lat/Long:	47.242333 / -122.40975
Clean Up Siteid:	4264
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Suspected
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Lust Status Type:	LUST - Cleanup Started

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Cleanup Site ID:	4264
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Response Section:	Southwest
Release Date:	03/05/2015
Lust Date:	03/23/2015
Region:	Southwest
Lust ID:	6883
UST ID:	12726
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Suspected
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242333 / -122.40975

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	4264
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Response Section:	Southwest
Release Date:	03/05/2015
Lust Date:	03/23/2015
Region:	Southwest
Lust ID:	6883
UST ID:	12726
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.242333 / -122.40975

ALLSITES:

Name:	RENTAL SERVICE CORPORATION 561
Facility Id:	26536148

RCRA Listings:

Date Form Received by Agency:	2011-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Handler Address:	2302 E Q ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988519401
Contact Name:	SHYAM SRINIVAS

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Contact Address:	6929 E GREENWAY PKWY
Contact City,State,Zip:	SCOTTSDALE, AZ 85254
Contact Telephone:	602-370-9664
Contact Fax:	Not reported
Contact Email:	SHYAM.SRINIVAS@RSCRENTAL.COM
Contact Title:	ENVIRONMENTAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, WA 85254
Owner Name:	RENTAL SERVICE CORPORATION
Owner Type:	Private
Operator Name:	RSC EQUIPMENT RENTAL 561
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 18:18:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	1993-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171-8311
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE R
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	1993-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT R R
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-21 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Receive Date:	1998-04-10 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-24 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-06 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-06 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-03 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-24 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-05-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-23 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-02 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-21 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-03-02 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	532412
NAICS Description:	CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING

Facility Has Received Notices of Violation:

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1993-06-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-02-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: WALCG
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

WA MANIFEST:
Name: RENTAL SERVICE CORPORATION 561
Address: 2302 E Q ST
City,State,Zip: TACOMA, WA 98421-2614
Facility Address 2: Not reported
Facility ID: 26536148
EPA ID: WAD988519401
NAICS: 532412
State Waste Code Desc: Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	STE 200
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	STE 200
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	Rental Service Corporation 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	Rental Service Corporation 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	John Schaecher
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	STE 200
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	Rental Service Corporation 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	Rental Service Corporation 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Dave Lesher
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No
Site Contact Address 2: Not reported

218
NE
1/2-1
0.703 mi.
3713 ft.

Relative:
Lower

Actual:
10 ft.

TACOMA CENTRAL NO 1
2201 E PORTLAND AVE
TACOMA, WA 98421

WA HSL **S109395454**
WA CSCSL **N/A**
WA LUST
WA ALLSITES
WA SPILLS
WA NPDES

HSL:

Name:	TACOMA CENTRAL NO 1
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	92562654
Rank:	3
Region:	SW
EDR Link ID:	92562654
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Region:	Southwest
Lat/Long:	47.2436 / -122.40894
Clean Up Siteid:	6868
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Region:	Southwest
Lat/Long:	47.2436 / -122.40894

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Clean Up Siteid:	6868
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6868
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Response Section:	Southwest
Release Date:	05/21/2002
Lust Date:	05/21/2002
Region:	Southwest
Lust ID:	5770
UST ID:	1881
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2436 / -122.40894

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6868
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Response Section:	Southwest
Release Date:	05/21/2002
Lust Date:	05/21/2002
Region:	Southwest

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Lust ID:	5770
UST ID:	1881
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2436 / -122.40894

ALLSITES:

Name:	TACOMA CENTRAL NO 1
Facility Id:	92562654

SPILLS:

Name:	Not reported
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	110907
Medium:	Public Road Right-of-Way
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	1
Material Units:	Tablespoon (Tblsp)
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/22/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24802
Longitude:	-122.414
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Vehicle Accident Oil Spill Tacoma 4-22-20
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	TACOMA CENTRAL TREATMENT FACILITY
Address:	2201 E PORTLAND
City,State,Zip:	TACOMA, WA
Facility ID:	609382
Medium:	Not reported
Material Desc:	SEWAGE/SLUDGE
Material Qty:	50
Material Units:	GALLON
Date Received:	11/06/2008
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Source: Not reported
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Not reported

NPDES:

Name: CENTRAL WASTEWATER TREATMENT PLANT
Address: 2201 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility Status: Not reported
Facility Type: Industrial SW GP
Admin Region: Headqarters
Date Issued: 11/20/2019
Latitude: Not reported
Longitude: Not reported
Permit ID: WAR000711
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2024
Effective Date: 01/01/2020
Days to Expiration: -1632

Name: CTP ELECTRICAL DISTRIBUTION SYSTEM REP.
Address: 2201 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility Status: Not reported
Facility Type: Construction SW GP
Admin Region: Headqarters
Date Issued: 11/18/2015
Latitude: Not reported
Longitude: Not reported
Permit ID: WAR309196
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2020
Effective Date: 06/04/2020
Days to Expiration: -171

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219 **SEATTLE TRANSFER** **WA HSL** **1007080844**
East **1701 BAY ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.705 mi. **FINDS**
3722 ft.

Relative: **Lower**
Actual: **20 ft.**

HSL:
Name: SEATTLE TRANSFER
Address: Not reported
City,State,Zip: TACOMA, WA

SEATTLE TRANSFER (Continued) **1007080844**

edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 1228
Rank: 3
Region: SW
EDR Link ID: 1228
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: SEATTLE TRANSFER
Address: 1701 BAY ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1228
Region: Southwest
Lat/Long: 47.24114 / -122.40935
Clean Up Siteid: 3252
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SEATTLE TRANSFER
Facility Id: 1228

Name: COAST CRANE COMPANY TACOMA
Facility Id: 23870

FINDS:
Registry ID: 110015575670

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

SEATTLE TRANSFER (Continued) **1007080844**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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220 WNW 1/2-1 0.705 mi. 3723 ft. **TACOMA UNION STA 1717 PACIFIC AVE TACOMA, WA 98402** **WA CSCSL WA ALLSITES RCRA NonGen / NLR FINDS ECHO** **1000658790 WAD988484465**

Relative: Higher

Actual: 45 ft.

CSCSL:

Name:	TACOMA UNION STATION HYDRAULIC RELEASE
Address:	1717 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	71886388
Region:	Southwest
Lat/Long:	47.24662 / -122.43674
Clean Up Siteid:	13045
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Tacoma Union Sta
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA UNION STA
Facility Id:	71886388

RCRA Listings:

Date Form Received by Agency:	1993-06-18 00:00:00.0
Handler Name:	TACOMA UNION STA
Handler Address:	1717 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988484465
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA

TACOMA UNION STA (Continued) **1000658790**

State District:	SWRO
Mailing Address:	747 MARKET ST STE 420
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	TACOMA UNION STATION
Owner Type:	Private
Operator Name:	TACOMA UNION STA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 12:24:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

TACOMA UNION STA (Continued) **1000658790**

Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3234
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

TACOMA UNION STA (Continued) **1000658790**

Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-06-17 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

TACOMA UNION STA (Continued) **1000658790**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-06-18 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-06-17 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CITY OF TACOMA UNION STATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

TACOMA UNION STA (Continued) **1000658790**

FINDS:
Registry ID: 110005359496

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000658790
Registry ID:	110005359496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005359496
Name:	TACOMA UNION STA
Address:	1717 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

---

221 West 1/2-1 0.716 mi. 3780 ft. | **CAMARANO BROTHERS** **2340 JEFFERSON AVE** **TACOMA, WA 98402** | **WA CSCSL** **WA LUST** **WA UST** **WA ALLSITES** | **U003732878** **N/A**

Relative: Higher

Actual: 152 ft.

CSCSL:

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

CAMARANO BROTHERS (Continued) **U003732878**

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8023
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAMARANO BROTHERS
Response Section: Southwest
Release Date: 01/19/2001
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 5623
UST ID: 529632
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2394626 / -122.43944

Name: CAMMARANO TRUST UW
Address: 2340 JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 14192885
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 8023
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CAMARANO BROTHERS
Response Section: Southwest
Release Date: 01/19/2001
Lust Date: 05/11/2015
Region: Southwest
Lust ID: 5623
UST ID: 529632
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2394626 / -122.43944

CAMARANO BROTHERS (Continued) **U003732878**

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8023
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAMARANO BROTHERS
Response Section:	Southwest
Release Date:	01/19/2001
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	5623
UST ID:	529632
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2394626 / -122.43944

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8023
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAMARANO BROTHERS
Response Section:	Southwest
Release Date:	01/19/2001
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	5623
UST ID:	529632
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2394626 / -122.43944

UST:

Name:	CAMARANO BROTHERS
Address:	2340 JEFFERSON AVE
City:	TACOMA
Zip:	98402
Facility ID:	14192885
Site Id:	529632
UBI:	Not reported
Phone Number:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Decimal Latitude:	47.2394626176
Decimal Longitude:	-122.439440257

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	04/11/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAMARANO BROTHERS
Address:	2340 JEFFERSON AVE
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/01/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: CAMARANO BROTHERS
Facility Id: 14192885

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222 WSW 1/2-1 0.717 mi. 3788 ft. **UNION PACIFIC RR TUNNEL**
JEFFERSON & 25TH & CENTER
TACOMA, WA 98421

WA HSL **1007080823**
WA CSCSL **N/A**
WA ALLSITES
FINDS

Relative: Higher
Actual: 154 ft.

HSL:
Name: UNION PACIFIC RR TUNNEL
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 1292
Rank: 2
Region: SW
EDR Link ID: 1292
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: UNION PACIFIC RR TUNNEL
Address: JEFFERSON & 25TH & CENTER
City,State,Zip: TACOMA, WA 98421
Facility ID: 1292
Region: Southwest
Lat/Long: 47.23851 / -122.43868
Clean Up Siteid: 3259
Site Status: Awaiting Cleanup
Contaminant Name: Halogenated Organics
Alternate Site Names: Time Oil
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RR TUNNEL
Address: JEFFERSON & 25TH & CENTER
City,State,Zip: TACOMA, WA 98421

UNION PACIFIC RR TUNNEL (Continued) **1007080823**

Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RR TUNNEL
Facility Id:	1292

FINDS:

Registry ID: 110015575466

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

UNION PACIFIC RR TUNNEL (Continued) **1007080823**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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223 NNE 1/2-1 0.734 mi. 3876 ft.

TACOMA METALS SITE
1919 PORTLAND AVE
TACOMA, WA 98421

WA HSL **1000334219**
WA CSCSL **WAD102875556**
WA VCP
WA ALLSITES
RCRA NonGen / NLR

Relative: Lower

Actual: 13 ft.

HSL:

Name:	TACOMA METALS SITE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1257
Rank:	2
Region:	SW
EDR Link ID:	1257
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA METALS SITE
Address:	1919 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1257
Region:	Southwest
Lat/Long:	47.25008 / -122.41666
Clean Up Siteid:	3910
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA METALS SITE
Address:	1919 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1257
Region:	Southwest
Lat/Long:	47.25008 / -122.41666
Clean Up Siteid:	3910
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants

TACOMA METALS SITE (Continued) **1000334219**

Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control:Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control:Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control:Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

TACOMA METALS SITE (Continued) **1000334219**

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: UnExploded Ordnance
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True

TACOMA METALS SITE (Continued) **1000334219**

Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VCP:
Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Metals - Other
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported

TACOMA METALS SITE (Continued) **1000334219**

NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Other Non-Halogenated Organics
Soil: Not reported

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Polychlorinated biPhenyls (PCB)
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2

TACOMA METALS SITE (Continued) **1000334219**

Cleanup Siteid: 3910
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: UnExploded Ordnance
Soil: Remediated

ALLSITES:
Name: TACOMA METALS SITE
Facility Id: 1257

RCRA Listings:

Date Form Received by Agency:	2003-02-27 00:00:00.0
Handler Name:	TACOMA METALS SITE
Handler Address:	1919 PORTLAND AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD102875556
Contact Name:	TY SCHREINER
Contact Address:	530 S 336TH ST
Contact City,State,Zip:	FEDERAL WAY, WA 98003
Contact Telephone:	253-874-0555
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	530 S 336TH ST
Mailing City,State,Zip:	FEDERAL WAY, WA 98003
Owner Name:	PORTLAND AVE ASSOCIATES
Owner Type:	Private
Operator Name:	TACOMA METALS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

TACOMA METALS SITE (Continued) **1000334219**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:25:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2804
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2804
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUSSMAN LESLIE P SOPHIE L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUSSMAN LESLIE P SOPHIE L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-01-20 00:00:00.0
Handler Name:	TACOMA METALS SITE

TACOMA METALS SITE (Continued) **1000334219**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-11-03 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-27 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-01-19 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA METALS SITE (Continued) **1000334219**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-04-10 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332114
NAICS Description:	CUSTOM ROLL FORMING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

224
NNW
1/2-1
0.737 mi.
3892 ft.

Relative:
Lower

Actual:
5 ft.

J M MARTINAC SHIPBUILDING CORPORATION
401 E 15TH ST
TACOMA, WA 98421

WA CSCSL **U001122318**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES
WA SPILLS
WA MANIFEST

CSCSL:

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1375
Region:	Southwest
Lat/Long:	47.250072857562 / -122.4301493773
Clean Up Siteid:	144
Site Status:	Cleanup Started
Contaminant Name:	Not reported
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

UST:

Name:	J M MARTINAC SHIPBUILDING CORPORATION
Address:	401 E 15TH ST
City:	TACOMA
Zip:	98421
Facility ID:	1375
Site Id:	7136
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2500728575621
Decimal Longitude:	-122.430149377393
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1968
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001590, 0320041054
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	True
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001560
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	True
Prohibit New Building Construction:	True
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	True
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	320041017
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	True
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Soil Restriction:	False
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	320041054
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	JM MARTINAC SHIPBUILDING CORP
Facility Id:	1375

SPILLS:

Name:	JM SHIP BUILDING
Address:	401 E. 15TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	632496
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	03/07/2012
Contact Name:	Henderson
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	J M MARTINAC SHIPBUILDING

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	614056
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - MOTOR OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	07/16/2009
Contact Name:	PALMER
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	J M MARTINAC SHIP BUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	548734
Medium:	Not reported
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	06/15/2005
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	601911
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	11/09/2007
Contact Name:	UNKNOWN

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	JM MARTINAC SHIPBUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	564226
Medium:	Not reported
Material Desc:	PETROLEUM - LUBE OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	08/01/2007
Contact Name:	LEGAS
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	No waste generated in 2017. The property was sold in 2018.
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Lisa Smith
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	206-965-1881
Site Contact Email:	Lisa@alaskanleader.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	WT02,WPCB,WSC2
Federal Waste Code Desc:	D002,D007,D011,D010,D008,D001,D035,U080,D005,D006,D018
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Effective Date:	07/18/2014
Site Contact:	Lisa Smith
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	206-965-1881
Site Contact Email:	Lisa@alaskanleader.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	potassium hydroxide solution
CORb Sequence Number:	161647
Sequence Number:	3461241
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	310
Quanity Unit:	GAL
Kilograms Quanity:	1054.62001
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WPCB
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W206

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Description:	oil w PCBs
CORb Sequence Number:	161647
Sequence Number:	3461259
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	286
Quanity Unit:	GAL
Kilograms Quanity:	972.972016
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 6.1 LP for incin. w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461260
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 8 basic loosepack
CORb Sequence Number:	161647
Sequence Number:	3461247
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.9680010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WPCB

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	oil filters w free liquid contaminated with PCB oil <20ppm
CORb Sequence Number:	161647
Sequence Number:	3461254
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 6.1 LP for incin. w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461261
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	flammable diisocyanates/ptb loosepack
CORb Sequence Number:	161647
Sequence Number:	3461257
Mixed Radioactive Flag:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Designation Code:	D
Reported Quanity:	743
Quanity Unit:	LB
Kilograms Quanity:	337.024805
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	class 2.1 aerosols
CORb Sequence Number:	161647
Sequence Number:	3461258
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	251
Quanity Unit:	LB
Kilograms Quanity:	113.853601
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	phosphoric acid 90%
CORb Sequence Number:	161647
Sequence Number:	3461243
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	90
Quanity Unit:	GAL
Kilograms Quanity:	306.180005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	non rcra loosepack w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461244
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1215
Quanity Unit:	LB
Kilograms Quanity:	551.124009
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Class 8 acidic loosepack
CORb Sequence Number:	161647
Sequence Number:	3461246
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	161647
Waste Sequence Number:	3461263
Sequence Number:	2050968
Shipment Date:	2016-03-23 00:00:00
Mainfest Document ID:	009102882FLE
Reported Quanity:	748
Unit of Measure:	LB
Kilograms Quanity:	339.292805
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3461247
Sequence Number:	2050945
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	IDD073114654

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3461246
Sequence Number:	2050940
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461245
Sequence Number:	2050939
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461246
Sequence Number:	2050941
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461254
Sequence Number:	2050953
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.53600007
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461255
Sequence Number:	2050954
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282827FLE
Reported Quanity:	234
Unit of Measure:	LB
Kilograms Quanity:	106.142401
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461241
Sequence Number:	2050926
Shipment Date:	2016-03-23 00:00:00
Mainfest Document ID:	009102883FLE
Reported Quanity:	200
Unit of Measure:	GAL
Kilograms Quanity:	680.400011
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461259
Sequence Number:	2050958
Shipment Date:	2016-04-05 00:00:00

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mainfest Document ID:	008281670FLE
Reported Quanity:	286
Unit of Measure:	GAL
Kilograms Quanity:	972.972016
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461258
Sequence Number:	2050957
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	008282827FLE
Reported Quanity:	251
Unit of Measure:	LB
Kilograms Quanity:	113.853601
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461245
Sequence Number:	2050937
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	50
Unit of Measure:	LB
Kilograms Quanity:	22.6800003
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	161647
Waste Sequence Number:	3461249
Sequence Number:	933735
Received EPAID:	IDD073114654
Managed Quanity:	20
Kilogram Quanity:	9.07200015
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461251
Sequence Number:	933737
Received EPAID:	IDD073114654
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461266
Sequence Number:	933753
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.53600007
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	3461243
Sequence Number:	933728
Received EPAID:	IDD073114654
Managed Quanity:	90
Kilogram Quanity:	306.180005
Recycled Percentage:	Not reported
Waste Management System Code:	H132

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3461257
Sequence Number:	933743
Received EPAID:	WAD981769110
Managed Quanity:	743
Kilogram Quanity:	337.024805
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	3461258
Sequence Number:	933744
Received EPAID:	WAD981769110
Managed Quanity:	251
Kilogram Quanity:	113.853601
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	3461241
Sequence Number:	933727
Received EPAID:	IDD073114654
Managed Quanity:	310
Kilogram Quanity:	1054.62001
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461259
Sequence Number:	933745
Received EPAID:	WAD981769110
Managed Quanity:	286
Kilogram Quanity:	972.972016
Recycled Percentage:	Not reported
Waste Management System Code:	H061

Waste Sequence Number:	3461260
Sequence Number:	933747
Received EPAID:	UTD981552177
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461247
Sequence Number:	933733
Received EPAID:	IDD073114654
Managed Quanity:	130
Kilogram Quanity:	58.9680010
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Sequence Number:	3461254
Sequence Number:	933740
Received EPAID:	IDD073114654
Managed Quanity:	10
Kilogram Quanity:	4.53600007
Recycled Percentage:	Not reported
Waste Management System Code:	H132

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Stream Comments:

CORB Waste Sequence Number:	161647
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461241
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461243
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461244
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461245
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461246
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461247
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461248
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461249
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461250
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461251
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461252
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	161647
Waste Sequence Number:	3461247
Sequence Number:	8087362
WCDA Code:	D002
Waste Sequence Number:	3461254
Sequence Number:	8087277
WCDA Code:	D008

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number: 3461261
Sequence Number: 8087308
WCDA Code: U080

Waste Sequence Number: 3461249
Sequence Number: 8087269
WCDA Code: D001

Waste Sequence Number: 3461251
Sequence Number: 8087272
WCDA Code: D008

Waste Sequence Number: 3461262
Sequence Number: 8087311
WCDA Code: D001

Waste Sequence Number: 3461264
Sequence Number: 8087342
WCDA Code: D001

Waste Sequence Number: 3461264
Sequence Number: 8087343
WCDA Code: D005

Waste Sequence Number: 3461264
Sequence Number: 8087344
WCDA Code: D006

Waste Sequence Number: 3461264
Sequence Number: 8087345
WCDA Code: D007

Waste Sequence Number: 3461264
Sequence Number: 8087346
WCDA Code: D008

Waste Stream Source Code:
CORB Waste Sequence Number: 161647
Waste Sequence Number: 3461256
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3461259
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3461262
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461263
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461264
Sequence Number: 1
WCDD Code: G11

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3461266
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3461241
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461243
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461244
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461245
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461246
Sequence Number:	1
WCDD Code:	G19

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D008
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Curtis Foster
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	360-318-1280
Site Contact Email:	curtisf.foster@yahoo.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Description:	NON RCRA OVERPACK NO VOCS
CORb Sequence Number:	156031
Sequence Number:	3402277
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	LB
Kilograms Quanity:	7.25760012
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Potassium hydroxide solution
CORb Sequence Number:	156031
Sequence Number:	3402343
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Lubriplate Neptune Launching Slip Coat
CORb Sequence Number:	156031
Sequence Number:	3402350
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4916
Quanity Unit:	LB
Kilograms Quanity:	2229.89763
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W606
Description:	Henkel 4215 Epoxy Resin
CORb Sequence Number:	156031
Sequence Number:	3402352
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	54
Quanity Unit:	GAL
Kilograms Quanity:	183.708003
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	NON RCRA OVERPACK w/ VOCS
CORb Sequence Number:	156031
Sequence Number:	3402344
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	325 Solvent
CORb Sequence Number:	156031
Sequence Number:	3402351
Mixed Radioactive Flag:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Designation Code:	D
Reported Quanity:	10
Quanity Unit:	GAL
Kilograms Quanity:	34.0200005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Phosphoric Acid, 90%
CORb Sequence Number:	156031
Sequence Number:	3402334
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	220
Quanity Unit:	GAL
Kilograms Quanity:	748.440012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W210
Description:	Unsaturated polyester resin
CORb Sequence Number:	156031
Sequence Number:	3402347
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	443
Quanity Unit:	LB
Kilograms Quanity:	200.944803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Lubemaster chain and cable conditioner
CORb Sequence Number:	156031
Sequence Number:	3402348
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8
Quanity Unit:	GAL
Kilograms Quanity:	27.2160004
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	Asphalt Tar semi-hardened
CORb Sequence Number:	156031
Sequence Number:	3402354
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1458
Quanity Unit:	LB
Kilograms Quanity:	661.348811
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Purple Dragon Degreaser
CORb Sequence Number:	156031
Sequence Number:	3402356
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Density Number: 7.5
Density Quanity: PPG

Shipments Send:
CORB Waste Sequence Number: 156031
Waste Sequence Number: 3402355
Sequence Number: 1976228
Shipment Date: 2015-09-11 00:00:00
Mainfest Document ID: 008407581FLE
Reported Quanity: 111
Unit of Measure: LB
Kilograms Quanity: 50.3496008
Receiving EPAID: WAD981769110

Waste Sequence Number: 3402342
Sequence Number: 1976207
Shipment Date: 2015-09-11 00:00:00
Mainfest Document ID: 008407582FLE
Reported Quanity: 5
Unit of Measure: GAL
Kilograms Quanity: 17.0100002
Receiving EPAID: IDD073114654

Waste Sequence Number: 3402353
Sequence Number: 1976226
Shipment Date: 2015-11-18 00:00:00
Mainfest Document ID: 009103172FLE
Reported Quanity: 267
Unit of Measure: GAL
Kilograms Quanity: 908.334015
Receiving EPAID: WAD981769110

Waste Sequence Number: 3402334
Sequence Number: 1976205
Shipment Date: 2015-09-11 00:00:00
Mainfest Document ID: 008407582FLE
Reported Quanity: 220
Unit of Measure: GAL
Kilograms Quanity: 748.440012
Receiving EPAID: IDD073114654

Waste Sequence Number: 3402348
Sequence Number: 1976218
Shipment Date: 2015-09-11 00:00:00
Mainfest Document ID: 008407581FLE
Reported Quanity: 8
Unit of Measure: GAL
Kilograms Quanity: 27.2160004
Receiving EPAID: WAD981769110

Waste Sequence Number: 3402347
Sequence Number: 1976216
Shipment Date: 2015-09-11 00:00:00
Mainfest Document ID: 008407581FLE
Reported Quanity: 165
Unit of Measure: LB
Kilograms Quanity: 74.8440012

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402347
Sequence Number:	1976217
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	278
Unit of Measure:	LB
Kilograms Quanity:	126.100802
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402351
Sequence Number:	1976224
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	10
Unit of Measure:	GAL
Kilograms Quanity:	34.0200005
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402344
Sequence Number:	1976214
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3402356
Sequence Number:	1976229
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407580FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	374.220006
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3402354
Sequence Number:	1976227
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	1458
Unit of Measure:	LB
Kilograms Quanity:	661.348811
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156031
Waste Sequence Number:	3402351
Sequence Number:	897693
Received EPAID:	WAD981769110
Managed Quanity:	10
Kilogram Quanity:	34.0200005
Recycled Percentage:	0
Waste Management System Code:	H061

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number: 3402344
Sequence Number: 897683
Received EPAID: IDD073114654
Managed Quanity: 200
Kilogram Quanity: 90.7200015
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402348
Sequence Number: 897687
Received EPAID: WAD981769110
Managed Quanity: 8
Kilogram Quanity: 27.2160004
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3402347
Sequence Number: 897686
Received EPAID: WAD981769110
Managed Quanity: 443
Kilogram Quanity: 200.944803
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3402356
Sequence Number: 897706
Received EPAID: UTD981552177
Managed Quanity: 110
Kilogram Quanity: 374.220006
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3402354
Sequence Number: 897699
Received EPAID: WAD981769110
Managed Quanity: 1458
Kilogram Quanity: 661.348811
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3402355
Sequence Number: 897700
Received EPAID: WAD981769110
Managed Quanity: 111
Kilogram Quanity: 50.3496008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3402334
Sequence Number: 897680
Received EPAID: IDD073114654
Managed Quanity: 220
Kilogram Quanity: 748.440012
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402345

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number: 897684
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402346
Sequence Number: 897685
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402349
Sequence Number: 897688
Received EPAID: WAD981769110
Managed Quanity: 46
Kilogram Quanity: 156.492002
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 156031
Comments: A-7 - removing spent/unused waste chemicals at closed facility
Waste Sequence Number: 3402277
Sequence Number: 1

Comments: Removing spent/unused chemicals at closed facility
Waste Sequence Number: 3402334
Sequence Number: 1

Comments: Removing spent & unused chemicals at a closed facility
Waste Sequence Number: 3402342
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402343
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402344
Sequence Number: 1

Comments: Removing spent & unused chemicals from closed facility
Waste Sequence Number: 3402345
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402346
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402347
Sequence Number: 1

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402348
Sequence Number: 1

Comments: A-7 Removing spent & unused chemicals from a closed facility A-8 Organic lubricant
Waste Sequence Number: 3402350
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402352
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 156031
Waste Sequence Number: 3402342
Sequence Number: 7831493
WCDA Code: D002

Waste Sequence Number: 3402353
Sequence Number: 7831599
WCDA Code: D001

Waste Sequence Number: 3402343
Sequence Number: 7831503
WCDA Code: D002

Waste Sequence Number: 3402346
Sequence Number: 7831512
WCDA Code: D002

Waste Sequence Number: 3402349
Sequence Number: 7831541
WCDA Code: D001

Waste Sequence Number: 3402349
Sequence Number: 7831542
WCDA Code: U002

Waste Sequence Number: 3402347
Sequence Number: 7831526
WCDA Code: D001

Waste Sequence Number: 3402348
Sequence Number: 7831533
WCDA Code: D001

Waste Sequence Number: 3402348
Sequence Number: 7831534
WCDA Code: D008

Waste Sequence Number: 3402354
Sequence Number: 7831627
WCDA Code: D001

Waste Sequence Number: 3402356
Sequence Number: 7831697

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDA Code:	D002
Waste Stream Source Code:	
CORB Waste Sequence Number:	156031
Waste Sequence Number:	3402351
Sequence Number:	1
WCDD Code:	G01
Waste Sequence Number:	3402277
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402334
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402342
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402343
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402344
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402345
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402346
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402347
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402348
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402350
Sequence Number:	1
WCDD Code:	G19
Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Federal Waste Code Desc:	D001, D035,F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINTS, STILLBOTTOMS
CORb Sequence Number:	141332
Sequence Number:	3219718
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	2080.66323
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	1587438
Shipment Date:	2013-01-14 00:00:00
Mainfest Document ID:	005628701FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718
Sequence Number:	1587439
Shipment Date:	2013-02-11 00:00:00
Mainfest Document ID:	005568116FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number:	1587440
Shipment Date:	2013-04-22 00:00:00
Mainfest Document ID:	005564829FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718
Sequence Number:	1587441
Shipment Date:	2013-06-10 00:00:00
Mainfest Document ID:	006548828FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	3219718
Sequence Number:	1587442
Shipment Date:	2013-07-08 00:00:00
Mainfest Document ID:	006549025
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	774258
Received EPAID:	NED981723513
Managed Quanity:	550
Kilogram Quanity:	2080.66323
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	7112804
WCDA Code:	D001
Waste Sequence Number:	3219718
Sequence Number:	7112805
WCDA Code:	D035
Waste Sequence Number:	3219718
Sequence Number:	7112806
WCDA Code:	F003
Waste Sequence Number:	3219718
Sequence Number:	7112807
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	141332

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3219718
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	Spent Paints, Stillbottom
CORb Sequence Number:	137176
Sequence Number:	2670128
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2550
Quanity Unit:	LB
Kilograms Quanity:	1156.68001
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	1381952
Shipment Date:	2012-04-30 00:00:00
Mainfest Document ID:	004468392FLE
Reported Quanity:	550
Unit of Measure:	LB

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilograms Quanity:	249.480004
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2670128
Sequence Number:	1381922
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	005272631FLE
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2670128
Sequence Number:	1381953
Shipment Date:	2012-10-15 00:00:00
Mainfest Document ID:	005566920FLE
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD981552177

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	669701
Received EPAID:	UTD981552177
Managed Quanity:	2550
Kilogram Quanity:	1156.68001
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	5941710
WCDA Code:	D001
Waste Sequence Number:	2670128
Sequence Number:	5941711
WCDA Code:	D035
Waste Sequence Number:	2670128
Sequence Number:	5941712
WCDA Code:	F003
Waste Sequence Number:	2670128
Sequence Number:	5941713
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	1
WCDD Code:	G06

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D035,F003,F005
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINTS, STILLBOTTOMS
CORb Sequence Number:	132447
Sequence Number:	2647893
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	440
Quanity Unit:	GAL
Kilograms Quanity:	1664.53058
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	1304042
Shipment Date:	2011-06-21 00:00:00
Mainfest Document ID:	004764400FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304041

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Shipment Date:	2011-03-11 00:00:00
Mainfest Document ID:	003465873FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304043
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004795380FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304044
Shipment Date:	2011-12-19 00:00:00
Mainfest Document ID:	005272394FLE
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	643815
Received EPAID:	NED981723513
Managed Quanity:	440
Kilogram Quanity:	1664.53058
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	5804652
WCDA Code:	D001
Waste Sequence Number:	2647893
Sequence Number:	5804653
WCDA Code:	D035
Waste Sequence Number:	2647893
Sequence Number:	5804654
WCDA Code:	F003
Waste Sequence Number:	2647893
Sequence Number:	5804655
WCDA Code:	F005

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	Spent Paint, Stillbottoms
CORb Sequence Number:	126619
Sequence Number:	2392033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	660
Quanity Unit:	GAL
Kilograms Quanity:	2496.7958829448894
Density Number:	8.3399999999999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	1134713
Shipment Date:	8/16/2010
Mainfest Document ID:	003448328
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	WAD981769110

Waste Sequence Number:	2392033
Sequence Number:	1134712
Shipment Date:	5/17/2010
Mainfest Document ID:	002603647

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2392033
Sequence Number:	1134715
Shipment Date:	12/7/2010
Mainfest Document ID:	003447683
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2392033
Sequence Number:	1134711
Shipment Date:	3/15/2010
Mainfest Document ID:	002936034
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970736222
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2392033
Sequence Number:	1134714
Shipment Date:	10/8/2010
Mainfest Document ID:	003454763
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970736222
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	575862
Received EPAID:	UTD981552177
Managed Quanity:	275
Kilogram Quanity:	1040.3316178937039
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2392033
Sequence Number:	575863
Received EPAID:	WAD981769110
Managed Quanity:	385
Kilogram Quanity:	1456.4642650511855
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	5190330
WCDA Code:	F003

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	2392033
Sequence Number:	5190331
WCDA Code:	F005
Waste Sequence Number:	2392033
Sequence Number:	5190328
WCDA Code:	D001
Waste Sequence Number:	2392033
Sequence Number:	5190329
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINT, STILLBOTTOMS
CORb Sequence Number:	120112
Sequence Number:	2009866
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1320

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Quanity Unit:	GAL
Kilograms Quanity:	4993.5917658897788
Density Number:	8.3399999999999999
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	493455
Received EPAID:	UTD981552177
Managed Quanity:	1320
Kilogram Quanity:	4993.5917658897788
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	4322245
WCDA Code:	F003
Waste Sequence Number:	2009866
Sequence Number:	4322244
WCDA Code:	D035
Waste Sequence Number:	2009866
Sequence Number:	4322246
WCDA Code:	F005
Waste Sequence Number:	2009866
Sequence Number:	4322243
WCDA Code:	D001

Waste Stream Source Code:

CORB Waste Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	1
WCDD Code:	G24

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	spent paints, stillbottoms
CORb Sequence Number:	114185
Sequence Number:	1841267
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	715
Quanity Unit:	GAL
Kilograms Quanity:	2704.86220652363
Density Number:	8.3399999999999999
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	434561
Received EPAID:	UTD981552177
Managed Quanity:	715
Kilogram Quanity:	2704.86220652363
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	3879865
WCDA Code:	D001
Waste Sequence Number:	1841267
Sequence Number:	3879866
WCDA Code:	D035
Waste Sequence Number:	1841267
Sequence Number:	3879867
WCDA Code:	F003
Waste Sequence Number:	1841267
Sequence Number:	3879868
WCDA Code:	F005

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Stream Source Code:

CORB Waste Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Sr

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Joe Marinac Jr
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	253572-4005
Site Contact Email:	jmartinac@martinacship.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

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225 NNE 1/2-1 0.742 mi. 3917 ft. | **CLEANER PRESSURE WASHING, TACOMA** | **WA CSCSL** | **S119162454**
1820 E PORTLAND AVE | **WA ALLSITES** | **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 13 ft.

CSCSL:

Name:	CLEANER PRESSURE WASHING, TACOMA
Address:	1820 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	23110
Region:	Southwest
Lat/Long:	47.25087 / -122.41926
Clean Up Siteid:	13170
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

CLEANER PRESSURE WASHING, TACOMA (Continued) **S119162454**

Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported

CLEANER PRESSURE WASHING, TACOMA (Continued) **S119162454**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: CLEANER PRESSURE WASHING TACOMA
Facility Id: 23110

226
SSE
1/2-1
0.786 mi.
4150 ft.

TACOMA CHRISTIAN CENTER
3523 MCKINLEY AVE
TACOMA, WA 98404

WA CSCSL **S118955371**
WA ALLSITES **N/A**
WA ASBESTOS

Relative:
Higher

Actual:
298 ft.

CSCSL:
Name: TACOMA CHRISTIAN CENTER
Address: 3523 MCKINLEY AVE
City,State,Zip: TACOMA, WA 98404
Facility ID: 24192
Region: Southwest
Lat/Long: 47.229515 / -122.42042
Clean Up Siteid: 13145
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA CHRISTIAN CENTER
Facility Id: 24192

ASBESTOS:
Name: Not reported
Address: 3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip: TACOMA, WA 98404
Facility Type: Church
Parent ID: 93160
Form ID: 93231##1210Therm864814
Notice Date: 11/17/2014

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Start Date:	11/15/2014
Completion Date:	11/17/2014
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor’s office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	off hold and completed as of Monday 11-17-14 at 330pm
Date Time Submitted:	2014-11-17 15:29:35
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	0
Form ID:	93160##1210Therm500509
Notice Date:	11/14/2014
Start Date:	11/15/2014
Completion Date:	11/21/2014
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	1
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	10-day waiver granted by Ed Guy, Reg 3. Fire damage. Thank you.
Date Time Submitted:	2014-11-14 14:39:46
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	93160
Form ID:	93202##1210Therm837815
Notice Date:	11/17/2014
Start Date:	11/15/2014
Completion Date:	11/21/2014
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	On Hold 11-17-14
Date Time Submitted:	2014-11-17 09:13:49
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

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227 NW 1/2-1 0.795 mi. 4200 ft.

DOCK STREET
1501 E DOCK ST
TACOMA, WA 98401

WA HSL **U003732877**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES

Relative: Lower

Actual: 19 ft.

HSL:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	12454784
Rank:	3
Region:	SW
EDR Link ID:	12454784
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	1501 E DOCK ST
City,State,Zip:	TACOMA, WA 98401
Facility ID:	12454784
Region:	Southwest
Lat/Long:	47.24888 / -122.43522
Clean Up Siteid:	7940
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	DOCK STREET,DOCK STREET UST 529570,Tacoma City Dock St
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	1501 E DOCK ST
City,State,Zip:	TACOMA, WA 98401
Facility ID:	12454784
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7940

DOCK STREET (Continued) **U003732877**

Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	DOCK STREET,DOCK STREET UST 529570,Tacoma City Dock St
Response Section:	Southwest
Release Date:	08/10/2000
Lust Date:	06/06/2000
Region:	Southwest
Lust ID:	5688
UST ID:	529570
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24888 / -122.43522

UST:

Name:	DOCK STREET
Address:	1501 E DOCK ST
City:	TACOMA
Zip:	98401
Facility ID:	12454784
Site Id:	529570
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24888
Decimal Longitude:	-122.43522

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	04/10/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

DOCK STREET (Continued) **U003732877**

ALLSITES:
Name: TACOMA CITY DOCK ST
Facility Id: 12454784

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228 NW 1/2-1 0.801 mi. 4227 ft.

PRAIRIE LINE TRAIL
1547 PACIFIC AVE
TACOMA, WA 98402

WA CSCSL **S123096272**
WA ALLSITES **N/A**

Relative: Higher

Actual: 55 ft.

CSCSL:
Name: PRAIRIE LINE TRAIL
Address: 1547 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 82265
Region: Southwest
Lat/Long: 47.24761 / -122.43723
Clean Up Siteid: 14666
Site Status: Awaiting Cleanup
Contaminant Name: Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PRAIRIE LINE TRAIL
Address: 1547 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 82265
Region: Southwest
Lat/Long: 47.24761 / -122.43723
Clean Up Siteid: 14666
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PRAIRIE LINE TRAIL
Address: 1547 PACIFIC AVE

PRAIRIE LINE TRAIL (Continued) **S123096272**

City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Other Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported

PRAIRIE LINE TRAIL (Continued) **S123096272**

Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PRAIRIE LINE TRAIL
Facility Id: 82265

---

229 NW 1/2-1 0.803 mi. 4239 ft. | **PACIFIC QUICKSTOP**
1548 PACIFIC AVE
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA LUST
WA UST
WA ALLSITES | **U003353183**
N/A

Relative: Higher
Actual: 63 ft.

HSL:
Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 74455879
Rank: 2
Region: SW
EDR Link ID: 74455879
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Region: Southwest
Lat/Long: 47.24778 / -122.4375
Clean Up Siteid: 6609
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY

PACIFIC QUICKSTOP (Continued) **U003353183**

Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Region: Southwest
Lat/Long: 47.24778 / -122.4375
Clean Up Siteid: 6609
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Region: Southwest
Lat/Long: 47.24778 / -122.4375
Clean Up Siteid: 6609
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6609
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section: Southwest
Release Date: 03/19/1990
Lust Date: 03/19/1990
Region: Southwest

PACIFIC QUICKSTOP (Continued) **U003353183**

Lust ID:	259
UST ID:	11157
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6609
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section:	Southwest
Release Date:	03/19/1990
Lust Date:	03/19/1990
Region:	Southwest
Lust ID:	259
UST ID:	11157
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6609
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section:	Southwest
Release Date:	03/19/1990
Lust Date:	03/19/1990
Region:	Southwest
Lust ID:	259
UST ID:	11157
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

PACIFIC QUICKSTOP (Continued) **U003353183**

Lat/Long: 47.24778 / -122.4375

UST:

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	74455879
Site Id:	11157
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24778
Decimal Longitude:	-122.4375

Tank Name:	1-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported

PACIFIC QUICKSTOP (Continued) **U003353183**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	4-WASTE OIL
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996

PACIFIC QUICKSTOP (Continued) **U003353183**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	01/01/2000
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	5
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/01/1980
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE

PACIFIC QUICKSTOP (Continued) **U003353183**

City:	TACOMA
Zip:	98402
Tank Name:	6
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402
Tank Name:	7
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported

PACIFIC QUICKSTOP (Continued) **U003353183**

Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Gravity Delivery System (No Pump)
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Facility Id: 74455879

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230 East 1/2-1 0.805 mi. 4249 ft.

BNSF RAILROAD ROW MP 38.5
38.5 MILEPOST
TACOMA, WA 98421

WA CSCSL **S111769681**
WA ALLSITES **N/A**

Relative: Lower
Actual: 15 ft.

CSCSL:
Name: BNSF RAILROAD ROW MP 38.5
Address: 38.5 MILEPOST
City,State,Zip: TACOMA, WA 98421
Facility ID: 16491
Region: Southwest
Lat/Long: 47.241861111111 / -122.4065833333
Clean Up Siteid: 11779
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNSF RAILROAD ROW MP 38.5
Address: 38.5 MILEPOST
City,State,Zip: TACOMA, WA 98421
Facility ID: 16491
Region: Southwest
Lat/Long: 47.241861111111 / -122.4065833333
Clean Up Siteid: 11779
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

BNSF RAILROAD ROW MP 38.5 (Continued) **S111769681**

Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNSF RAILROAD ROW MP 38.5
Facility Id: 16491

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231 North 1/2-1 0.814 mi. 4300 ft. **UNION PACIFIC RAILROAD ST PAUL AVE** **WA CSCSL** **S123096460**
1228 ST PAUL AVE **WA ALLSITES** **N/A**
TACOMA, WA 98421

Relative: Lower
Actual: 11 ft.

CSCSL:
Name: UNION PACIFIC RAILROAD ST PAUL AVE
Address: 1228 ST PAUL AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 53785
Region: Southwest
Lat/Long: 47.25297 / -122.4245
Clean Up Siteid: 14661
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: UNION PACIFIC RAILROAD ST PAUL AVE
Address: 1228 ST PAUL AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 53785
Region: Southwest
Lat/Long: 47.25297 / -122.4245
Clean Up Siteid: 14661
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UNION PACIFIC RAILROAD ST PAUL AVE (Continued) **S123096460**

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

UNION PACIFIC RAILROAD ST PAUL AVE (Continued) **S123096460**

Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: UNION PACIFIC RAILROAD ST PAUL AVE
Facility Id: 53785

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232 West 1/2-1 0.845 mi. 4460 ft. | **ROMAN MEAL COMPANY** | **WA CSCSL** | **U003354456**
2101 SO TACOMA WAY PO BOX 11126 | **WA UST** | **N/A**
TACOMA, WA 98411 | **WA ALLSITES**

Relative: Higher
Actual: 207 ft.

CSCSL:
Name: NALLEY VALLEY SELF STORAGE INC
Address: 2101 TACOMA WAY S
City,State,Zip: TACOMA, WA 98411
Facility ID: 9985951
Region: Southwest
Lat/Long: 47.2324229094 / -122.464657009
Clean Up Siteid: 14707
Site Status: Awaiting Cleanup
Contaminant Name: Arsenic
Alternate Site Names: ROMAN MEAL COMPANY
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: NALLEY VALLEY SELF STORAGE INC
Address: 2101 TACOMA WAY S
City,State,Zip: TACOMA, WA 98411
Facility ID: 9985951
Region: Southwest
Lat/Long: 47.2324229094 / -122.464657009
Clean Up Siteid: 14707
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: ROMAN MEAL COMPANY
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected

ROMAN MEAL COMPANY (Continued) **U003354456**

Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009

ROMAN MEAL COMPANY (Continued) **U003354456**

Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	ROMAN MEAL COMPANY
Address:	2101 SO TACOMA WAY PO BOX 11126
City:	TACOMA
Zip:	98411
Facility ID:	9985951
Site Id:	424
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2324229094
Decimal Longitude:	-122.464657009

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ROMAN MEAL COMPANY
Address:	2101 SO TACOMA WAY PO BOX 11126

ROMAN MEAL COMPANY (Continued) **U003354456**

City:	TACOMA
Zip:	98411
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	ROMAN MEAL COMPANY
Facility Id:	9985951

---

233 South 1/2-1 0.849 mi. 4484 ft.

Relative: Higher

Actual: 317 ft.

NEWMAN RECYCLING
409 E MORTON ST
TACOMA, WA 98404

WA HSL **1001969800**
WA CSCSL **WA0000627703**
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

HSL:

Name:	NEWMAN RECYCLING
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	69871828
Rank:	4
Region:	SW
EDR Link ID:	69871828
Region Decode:	SOUTHWEST REGIONAL OFFICE

NEWMAN RECYCLING (Continued) **1001969800**

CSCSL:

Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404
Facility ID:	69871828
Region:	Southwest
Lat/Long:	47.22799 / -122.42606
Clean Up Siteid:	4620
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404
Facility ID:	69871828
Region:	Southwest
Lat/Long:	47.22799 / -122.42606
Clean Up Siteid:	4620
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	NEWMAN RECYCLING
Facility Id:	69871828

RCRA Listings:

Date Form Received by Agency:	1999-11-02 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Handler Address:	409 E MORTON ST
Handler City,State,Zip:	TACOMA, WA 98404
EPA ID:	WA0000627703
Contact Name:	DON NEWMAN

NEWMAN RECYCLING (Continued) **1001969800**

Contact Address:	409 E MORTON ST
Contact City,State,Zip:	TACOMA, WA 98404
Contact Telephone:	253-627-1477
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	MR
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	409 E MORTON ST
Mailing City,State,Zip:	TACOMA, WA 98404
Owner Name:	NEWMAN RECYCLING
Owner Type:	Private
Operator Name:	NEWMAN, DON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

NEWMAN RECYCLING (Continued) **1001969800**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private

NEWMAN RECYCLING (Continued) **1001969800**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON N
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DON N
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

NEWMAN RECYCLING (Continued) **1001969800**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-02 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-14 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-10 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-25 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42393
NAICS Description:	RECYCLABLE MATERIAL MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID:	110005306533

NEWMAN RECYCLING (Continued) **1001969800**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969800
Registry ID:	110005306533
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306533
Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404

234
NW
1/2-1
0.873 mi.
4611 ft.

TACOMA CITY CONVENTION CTR GARAGE
1500 BROADWAY
TACOMA, WA 98402

WA HSL **1011266136**
WA CSCSL **N/A**
WA ALLSITES
FINDS

Relative:
Higher

Actual:
100 ft.

HSL:

Name:	TACOMA CITY CONVENTION CTR GARAGE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	8168704
Rank:	5
Region:	SW
EDR Link ID:	8168704
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CITY CONVENTION CTR GARAGE
Address:	1500 BROADWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	8168704
Region:	Southwest
Lat/Long:	47.247083 / -122.439806
Clean Up Siteid:	4023

TACOMA CITY CONVENTION CTR GARAGE (Continued) **1011266136**

Site Status: Awaiting Cleanup
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA CITY CONVENTION CTR GARAGE
Address: 1500 BROADWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 8168704
Region: Southwest
Lat/Long: 47.247083 / -122.439806
Clean Up Siteid: 4023
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA CITY CONVENTION CTR GARAGE
Facility Id: 8168704

FINDS:
Registry ID: 110036131897

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070081188

Click Here:

TACOMA CITY CONVENTION CTR GARAGE (Continued) **1011266136**

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

---

235 SSW 1/2-1 0.915 mi. 4832 ft. | **35TH ST LANDFILL CITY FILL**
S 35TH ST & PACIFIC AVE
TACOMA, WA 98418 | **WA CSCSL**
WA ALLSITES
FINDS | **1008919432**
N/A

Relative: Higher
Actual: 304 ft.

CSCSL:

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected

35TH ST LANDFILL CITY FILL (Continued) **1008919432**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: 35TH ST LANDFILL CITY FILL
Address: S 35TH ST & PACIFIC AVE
City,State,Zip: TACOMA, WA 98418
Facility ID: 5774537
Region: Southwest
Lat/Long: 47.229322 / -122.432822
Clean Up Siteid: 341
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: 35TH ST LANDFILL CITY FILL
Address: S 35TH ST & PACIFIC AVE
City,State,Zip: TACOMA, WA 98418
Facility ID: 5774537
Region: Southwest
Lat/Long: 47.229322 / -122.432822
Clean Up Siteid: 341
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 35TH ST LANDFILL CITY FILL
Facility Id: 5774537

FINDS:
Registry ID: 110022928162

35TH ST LANDFILL CITY FILL (Continued) **1008919432**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

236
NW
1/2-1
0.918 mi.
4848 ft.

USPS DOWNTOWN TACOMA PARKING LOT
S 14TH ST & COURT A
TACOMA, WA 98402

WA HSL **S109556287**
WA CSCSL **N/A**
WA ALLSITES

Relative:
Higher

Actual:
66 ft.

HSL:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	99997000
Rank:	5
Region:	SW
EDR Link ID:	99997000
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

USPS DOWNTOWN TACOMA PARKING LOT (Continued) **S109556287**

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported

USPS DOWNTOWN TACOMA PARKING LOT (Continued) **S109556287**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Facility Id:	99997000

237
NW
1/2-1
0.921 mi.
4864 ft.

Relative:
Higher

Actual:
66 ft.

SAUROS CLEANERAMA TACOMA
1401 S PACIFIC AVE
TACOMA, WA 98402

WA HSL **1004793451**
WA CSCSL **WAD027550722**
WA INST CONTROL
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA DRYCLEANERS
WA Inactive Drycleaners
WA MANIFEST

HSL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	4339824
Rank:	1
Region:	SW
EDR Link ID:	4339824
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4339824
Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4339824
Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4339824
Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4339824
Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Site Status:	CC-Perf. Monitoring
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	4339824
Latitude:	47.250154
Longitude:	-122.43748
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0150729071e+011
Filing Date Of Individual IC Doc:	07/09/2015
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2014030010, 201403020, 2014030030
Control Active:	True
CS ID:	3310
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	SAUROS CLEANERAMA TACOMA

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Facility Id: 4339824

RCRA Listings:

Date Form Received by Agency:	2012-01-18 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Handler Address:	1401 S PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD027550722
Contact Name:	CALVIN TAYLOR
Contact Address:	326 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-593-7711
Contact Fax:	Not reported
Contact Email:	CTAYLOR5@CITYOFTACOMA.ORG
Contact Title:	HYDROGEOLOGIST
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST RM 737
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Owner Type:	Private
Operator Name:	TAYLOR, CALVIN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:38:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CALVIN TAYLOR
Legal Status: Municipal

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA C
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALVIN T
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-09-22 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-03 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-06 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-18 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-31 00:00:00.0

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-13 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-19 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-07 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-05 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Electronic Manifest Broker:	Not reported
Receive Date:	2010-09-22 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-12-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-03 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
NAICS Code:	812320
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT
NAICS Code:	921190
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT
NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005264310

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793451
Registry ID:	110005264310
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264310
Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

DRYCLEANERS:

Name: SAUROS CLEANERAMA TACOMA

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA Id:	Not reported
FS Id:	4339824
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported
Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported
Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported
UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	SCS
Status Code:	A
Start Date:	11/20/2006
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	7216
FS SIC Code:	Drycleaning Plants, Except Rug Cleaning
SIC DS:	TOXICS
Latitude:	47.250154000000002
Longitude:	-122.43747999999999

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Comments:	Not reported
Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA Id:	Not reported
FS Id:	4339824
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported
Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported
Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported
UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	SCS
Status Code:	A
Start Date:	11/20/2006
End Date:	Not reported
NAICS DS:	Drycleaning and Laundry Services (except coin-operated)
Program Name:	Not reported
FS SIC Code:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

SIC DS:	TOXICS
Latitude:	47.250154000000002
Longitude:	-122.43747999999999
Comments:	Not reported

INACTIVE DRYCLEANERS:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA I:	WAD027550722
FS Id:	Not reported
Facility ID:	Not reported
NAICS Code:	812320
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	601330165*
BUSINESS TYPE:	Former Dry Cleaner
MAIL NAME:	Estate of Pete Sauro
MAIL LINE1:	953 S Madison St
MAIL LINE2:	Not reported
MAIL CITY:	Tacoma
MAIL STATE:	WA
MAIL ZIP:	98409
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Estate of Pete Sauro
LEGAL PERSON FIRST NAME:	Ms Betty
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Schindele
LEGAL LINE1:	953 S Madison St
LEGAL LINE2:	Not reported
LEGAL CITY:	Tacoma
LEGAL STATE:	WA
LEGAL ZIP:	98409
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(253)426-6600
LEGAL EFFECTIVE DATE:	1/1/1960
LEGAL ORGANIZATION TYPE:	Private
LAND ORG NAME:	Estate of Pete Sauro
LAND PERSON FIRST NAME:	Ms Betty
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Schindele
LAND LINE1:	953 S Madison St
LAND LINE2:	Not reported
LAND CITY:	Tacoma
LAND STATE:	WA
LAND ZIP:	98409
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(253)426-6600
LAND ORGANIZATION TYPE:	Private
OPERATOR ORG NAME:	Estate of Pete Sauro
OPERATOR PERSON FIRST NAME:	Ms Betty
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Schindele
OPERATOR LINE1:	953 S Madison St
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Tacoma
OPERATOR STATE:	WA

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

OPERATOR ZIP:	98409
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(253)426-6600
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Private
SITE CONTACT FIRST NAME:	Estate of
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Pete Sauro
SITE CONTACT LINE1:	953 S Madison
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Tacoma
SITE CONTACT STATE:	WA
SITE CONTACT ZIP:	98409
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(253)426-6600
SITE CONTACT EMAIL:	jkaspar@farallonconsulting.com
FORM CONTACT FIRST NAME:	Betty
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Schindele
FORM CONTACT LINE1:	6953 S Madison
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Tacoma
FORM CONTACT STATE:	WA
FORM CONTACT ZIP:	98409
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(253)426-6600
FORM CONTACT EMAIL:	jkaspar@farallonconsulting.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHERS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
PBR:	Fal
TBG:	Fal
MIXED RADIOACTIVE:	False
IMPORTER:	False
TSDR FACILITY:	False
IMMEDIATE RECYCLER:	False
GEN DANG FUEL:	False
GEN MARKET TO BURNER:	False
GEN OTHER MARKETERS:	False
UTILITY BOILER BURNER:	False
INDUSTRY BOILER BURNER:	False
FURNACE BURNER:	False
SMELTER DEFERRAL:	False
SMALL QTY EXEMPTION:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
UW THERMOSTATS GEN:	False
UW MERCURY GEN:	False
UW LAMPS GEN:	False
UW BATTERY ACCUM:	False
UW THERMOSTATS ACCUM:	False
UW MERCURY ACCUM:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

UW LAMPS ACCUM: False
UW DESTINATION FACILITY: False
OFF SPEC UTILITY BOILER: False
OFF SPEC INDUSTRY BOILER: False
OFF SPEC FURNACE: False
USED OIL TRANSPORTER: False
USED OIL TRANSFER FACILITY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MARKETER DIR SHIPMENTS: False
USED OIL FUEL MARKETER MEETS SPECS: False
ECO Int Type Code: Not reported
Status Code: Not reported
Start Date: Not reported
End Date: Not reported
NAICS DS: Not reported
Program Name: Not reported
FS SIC Code: Not reported
SIC DS: Not reported
Latitude: Not reported
Longitude: Not reported
Comments: ID number to remain active to address remedial investigation derived waste removed from the site in January 2009.

WA MANIFEST:
Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility Address 2: Not reported
Facility ID: 4339824
EPA ID: WAD027550722
NAICS: 921190
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: Not reported
Business Type: Former Dry Cleaner
Mail Name: City of Tacoma Real Property Services
Mailing Address: 747 Market St Rm 737
Mailing City,State,Zip: Tacoma, WA 98402

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Legal Organization Name:	City of Tacoma Real Property Services
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 737
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5515
Legal Effective Date:	12/24/2008
Land Organization Name:	City of Tacoma Real Property Services
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 737
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5515
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	Calvin Taylor
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)593-7711
Operator Effective Date:	12/24/2008
Site Contact:	Calvin Taylor
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)593-7711
Site Contact Email:	ctaylor5@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	921190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Sight cleanup is complete. No additional waste will be generated at this site
Data Year:	2010

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Former Dry Cleaner
Mail Name:	City of Tacoma Real Property Services
Mailing Address:	747 Market St Rm 737
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma Real Property Services
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 737
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5515
Legal Effective Date:	12/24/2008
Land Organization Name:	City of Tacoma Real Property Services
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 737
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5515
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	Calvin Taylor
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)593-7711
Operator Effective Date:	12/24/2008
Site Contact:	Calvin Taylor
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)593-7711
Site Contact Email:	ctaylor5@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	812320
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	ID number to remain active to address remedial investigation derived waste removed from the site in January 2009.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601330165*
Business Type:	Former Dry Cleaner
Mail Name:	Estate of Pete Sauro
Mailing Address:	953 S Madison St
Mailing City,State,Zip:	Tacoma, WA 98409
Legal Organization Name:	Estate of Pete Sauro
Legal Organization Type:	Private
Legal Contact:	Ms Betty Schindele
Legal Address:	953 S Madison St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98409
Legal Phone Number:	(253)426-6600
Legal Effective Date:	01/01/1960
Land Organization Name:	Estate of Pete Sauro
Land Organization Type:	Private
Land Contact:	Ms Betty Schindele
Land Address:	953 S Madison St
Land City,State,Zip:	Tacoma, WA 98409

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Land Phone Number:	(253)426-6600
Operator Organization Name:	Estate of Pete Sauro
Operator Organization Type:	Private
Operator:	Ms Betty Schindele
Operator Address:	953 S Madison St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409
Operator Phone Number:	(253)426-6600
Operator Effective Date:	Not reported
Site Contact:	Estate of Pete Sauro
Site Contact Address:	953 S Madison
Contact City,State,Zip:	Tacoma, WA 98409
Site Contact Phone Number:	(253)426-6600
Site Contact Email:	jkaspar@farallonconsulting.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	812320
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Farallon re-activated the WAD number to remove drums of DW soil and groundwater generated in late 2007. Ecology is currently reviewing a contained-in request for a portion of the soils generated in 2007 that contain low concentrations of PCE and/orTCE. Once the contained-in determination is issued Farallon will manage all waste soil and water per Ecology's requirements. The waste disposal activities will be the subject of the 2008 DW reporting year since no waste has been removed.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601330165*
Business Type:	Former Dry Cleaner
Mail Name:	Estate of Pete Sauro
Mailing Address:	953 S Madison St
Mailing City,State,Zip:	Tacoma, WA 98409
Legal Organization Name:	Estate of Pete Sauro
Legal Organization Type:	Private
Legal Contact:	Ms Betty Schindele
Legal Address:	953 S Madison St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98409
Legal Phone Number:	(253)426-6600
Legal Effective Date:	01/01/1960
Land Organization Name:	Estate of Pete Sauro
Land Organization Type:	Private
Land Contact:	Ms Betty Schindele
Land Address:	953 S Madison St
Land City,State,Zip:	Tacoma, WA 98409
Land Phone Number:	(253)426-6600
Operator Organization Name:	Estate of Pete Sauro
Operator Organization Type:	Private
Operator:	Ms Betty Schindele
Operator Address:	953 S Madison St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409
Operator Phone Number:	(253)426-6600
Operator Effective Date:	01/01/1960
Site Contact:	Estate of Pete Sauro
Site Contact Address:	953 S Madison
Contact City,State,Zip:	Tacoma, WA 98409
Site Contact Phone Number:	(253)426-6600
Site Contact Email:	jkaspar@farallonconsulting.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Site Contact Address 2: Not reported

238
NW
1/2-1
0.950 mi.
5015 ft.

1502 MARKET ST TACOMA
1502 MARKET ST
TACOMA, WA 98466

WA HSL **U003352643**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES

Relative:
Higher

Actual:
143 ft.

HSL:

Name:	PAX ASSOCIATES
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	72222742
Rank:	5
Region:	SW
EDR Link ID:	72222742
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	PAX ASSOCIATES
Address:	1502 MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	72222742
Region:	Southwest
Lat/Long:	47.24865 / -122.44094
Clean Up Siteid:	6561
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	1502 MARKET ST,1502 MARKET ST TACOMA,PAX ASSOC 15 MARKET,SAM'S TIRE & AUTOMOTIVE,TACOMA AUTOBODY
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PAX ASSOCIATES
Address:	1502 MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	72222742
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6561
Cleanup Unit Type:	Upland
Process Type:	Independent Action

1502 MARKET ST TACOMA (Continued) **U003352643**

Cleanup Unit Name:	1502 MARKET ST,1502 MARKET ST TACOMA,PAX ASSOC 15 MARKET,SAM'S TIRE & AUTOMOTIVE,TACOMA AUTOBODY
Response Section:	Southwest
Release Date:	08/26/1991
Lust Date:	09/01/1995
Region:	Southwest
Lust ID:	1243
UST ID:	101375
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24865 / -122.44094

UST:

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Facility ID:	72222742
Site Id:	101375
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24865
Decimal Longitude:	-122.44094
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	1502 MARKET ST TACOMA

1502 MARKET ST TACOMA (Continued) **U003352643**

Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

1502 MARKET ST TACOMA (Continued) **U003352643**

Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported

1502 MARKET ST TACOMA (Continued) **U003352643**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PAX ASSOCIATES
Facility Id:	72222742

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239 **PETRICH MARINE DOCK** **WA CSCSL** **S107747489**
NNW **1118 TO 1120 E D ST** **WA INST CONTROL** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.953 mi.
5033 ft.

Relative:
Lower

Actual:
14 ft.

CSCSL:

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	414876
Region:	Southwest
Lat/Long:	47.253449318087 / -122.4311931197
Clean Up Siteid:	3980
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	414876
Region:	Southwest
Lat/Long:	47.253449318087 / -122.4311931197
Clean Up Siteid:	3980
Site Status:	Cleanup Started
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Not reported
Site Rank:	Not reported

PETRICH MARINE DOCK (Continued) **S107747489**

Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST

PETRICH MARINE DOCK (Continued) **S107747489**

City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below

PETRICH MARINE DOCK (Continued) **S107747489**

Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	414876
Latitude:	47.253449318
Longitude:	-122.43119312
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0190524015e+011
Filing Date Of Individual IC Doc:	05/24/2019
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001071
Control Active:	True
CS ID:	3980
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	True
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	PETRICH MARINE DOCK
Facility Id:	414876

240 NE 1/2-1 0.961 mi. 5072 ft. | **FLOWSERVE CORPORATION**
2007 STEWART ST
TACOMA, WA 98421 | **WA CSCSL**
WA ALLSITES
WA MANIFEST | **S109553438**
N/A

Relative: Lower

Actual: 13 ft.

CSCSL:

Name:	FLOWSERVE STEAM SUPPLY
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8481432
Region:	Southwest
Lat/Long:	47.252329346922 / -122.4120146082
Clean Up Siteid:	2637
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	HENZE SERVICES TACOMA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FLOWSERVE STEAM SUPPLY
Facility Id:	8481432
Name:	PACIFIC ATLANTIC EXPRESS CORPORATION
Facility Id:	23129

WA MANIFEST:

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	1480 Valley Center Parkway
Mailing City,State,Zip:	Bethlehem, PA 18017
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1480 Valley Center Parkway
Legal Address 2:	Not reported
Legal City,State,Zip:	Bethlehem, PA 18017
Legal Phone Number:	(908) 859-7306
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1480 Valley Center Parkway
Operator Address 2:	Not reported
Operator City,State,Zip:	Bethlehem, PA 18017
Operator Phone Number:	(908) 859-7306
Operator Effective Date:	01/02/2000
Site Contact:	Mike Yusella
Site Contact Address:	1480 Valley Center Parkway
Contact City,State,Zip:	Bethlehem, PA 18017
Site Contact Phone Number:	(908) 859-7280
Site Contact Email:	myusella@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

FLOWSERVE CORPORATION (Continued) **S109553438**

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1480 Valley Center Parkway
Mailing City,State,Zip:	Bethlehem, PA 18017
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1480 Valley Center Parkway
Legal Address 2:	Not reported
Legal City,State,Zip:	Bethlehem, PA 18017
Legal Phone Number:	(908)859-7306
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1480 Valley Center Parkway
Operator Address 2:	Not reported
Operator City,State,Zip:	Bethlehem, PA 18017
Operator Phone Number:	(908)859-7306
Operator Effective Date:	01/02/2000
Site Contact:	Not reported
Site Contact Address:	Not reported

FLOWSERVE CORPORATION (Continued) **S109553438**

Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported

FLOWSERVE CORPORATION (Continued) **S109553438**

Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave

FLOWSERVE CORPORATION (Continued) **S109553438**

Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair

FLOWSERVE CORPORATION (Continued) **S109553438**

Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported

FLOWSERVE CORPORATION (Continued) **S109553438**

Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200

FLOWSERVE CORPORATION (Continued) **S109553438**

Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Non-regulated water and solids
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

FLOWSERVE CORPORATION (Continued) **S109553438**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	FLOWSERVE CORPORATION
Address:	2007 STEWART ST
City,State,Zip:	TACOMA, WA 98421

FLOWSERVE CORPORATION (Continued) **S109553438**

Facility Address 2:	Not reported
Facility ID:	8481432
EPA ID:	WA0000284273
NAICS:	423830
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D002 (corrosive liquid, acidic, inorganic)
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602095989
Business Type:	Valve Repair
Mail Name:	Flowserve Corporation
Mailing Address:	2200 E Monument Ave
Mailing City,State,Zip:	Dayton, OH 45402
Legal Organization Name:	Flowserve Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2200 E Monument Ave
Legal Address 2:	Not reported
Legal City,State,Zip:	Dayton, OH 45402
Legal Phone Number:	(937)226-4472
Legal Effective Date:	01/02/2000
Land Organization Name:	Perwin Bernstein Properties
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	14521 Old Katy Rd Ste 200
Land City,State,Zip:	Houston, TX 77079
Land Phone Number:	(713)464-7411
Operator Organization Name:	Flowserve Corporation
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2200 E Monument Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Dayton, OH 45402
Operator Phone Number:	(937)226-4477
Operator Effective Date:	01/02/2000
Site Contact:	Stephen Wilson
Site Contact Address:	2200 E Monument Ave
Contact City,State,Zip:	Dayton, OH 45402
Site Contact Phone Number:	(937)226-4477
Site Contact Email:	swilson@flowserve.com

FLOWSERVE CORPORATION (Continued) **S109553438**

Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Diluted 1.25% Ferrous Sulfate solution
CORb Sequence Number:	121411
Sequence Number:	2018929
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	165
Quanity Unit:	GAL
Kilograms Quanity:	1122.6600193097524
Density Number:	15
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	121411
Waste Sequence Number:	2018929
Sequence Number:	502709
Received EPAID:	IDD073114654
Managed Quanity:	165
Kilogram Quanity:	1122.6600193097524
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	121411
Comments:	Unused RegenOx generated from remedial excavation application
Waste Sequence Number:	2018929
Sequence Number:	1

FLOWSERVE CORPORATION (Continued) **S109553438**

Waste Stream EPA Code:

CORB Waste Sequence Number:	121411
Waste Sequence Number:	2018929
Sequence Number:	4362687
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	121411
Waste Sequence Number:	2018929
Sequence Number:	1
WCDD Code:	G49

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

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241 West 1/2-1 0.971 mi. 5126 ft. **KAHNE & KAHNE PROPERTY** **WA CSCSL** **S121970335**
2117 YAKIMA AVE **WA ALLSITES** **N/A**
TACOMA, WA 98405

Relative: Higher
Actual: 294 ft.

CSCSL:

Name:	KAHNE & KAHNE PROPERTY
Address:	2117 YAKIMA AVE
City,State,Zip:	TACOMA, WA 98405
Facility ID:	54136
Region:	Southwest
Lat/Long:	47.24151 / -122.44444
Clean Up Siteid:	14550
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	KAHNE & KAHNE PROPERTY
Address:	2117 YAKIMA AVE
City,State,Zip:	TACOMA, WA 98405
Facility ID:	54136
Region:	Southwest
Lat/Long:	47.24151 / -122.44444
Clean Up Siteid:	14550
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported

KAHNE & KAHNE PROPERTY (Continued) **S121970335**

Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: KAHNE & KAHNE PROPERTY
Facility Id: 54136

---

242 NNE 1/2-1 0.977 mi. 5161 ft. | **PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PR**
1621 E PORTLAND AVE
TACOMA, WA 98421 | **WA CSCSL** **S117724271**
WA ALLSITES **N/A**

Relative: Lower
Actual: 14 ft.

CSCSL:
Name: PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address: 1621 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 2930
Region: Southwest
Lat/Long: 47.254295103551 / -122.4197597581
Clean Up Siteid: 12590
Site Status: Awaiting Cleanup
Contaminant Name: Metals - Other
Alternate Site Names: Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address: 1621 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 2930
Region: Southwest
Lat/Long: 47.254295103551 / -122.4197597581
Clean Up Siteid: 12590
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank: Not reported
Has Institutional Control: Not reported

PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY (Continued) **S117724271**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address:	1621 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2930
Region:	Southwest
Lat/Long:	47.254295103551 / -122.4197597581
Clean Up Siteid:	12590
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY
Address:	1621 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2930
Region:	Southwest
Lat/Long:	47.254295103551 / -122.4197597581
Clean Up Siteid:	12590
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Pierce County Tax Title Undeveloped Industrial Property,Pierce County Tax Title,Undeveloped Industrial Property
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

PIERCE COUNTY TAX TITLE, UNDEVELOPED INDUSTRIAL PROPERTY (Continued) **S117724271**

ALLSITES:
Name: PIERCE COUNTY TAX TITLE UNDEVELOPED INDUSTRIAL PROPERTY
Facility Id: 2930

243
NNW
1/2-1
0.983 mi.
5190 ft.

MIDDLE WATERWAY STEEL SLAG
E F ST & 11TH ST
TACOMA, WA 98421

WA HSL **1007068843**
WA CSCSL **N/A**
WA ALLSITES
FINDS

Relative:
Lower

Actual:
10 ft.

HSL:
Name: MIDDLE WATERWAY STEEL SLAG
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: CC-Perf. Monitoring
FSID Number: 55212794
Rank: 0
Region: SW
EDR Link ID: 55212794
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: MIDDLE WATERWAY STEEL SLAG
Address: E F ST & 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 55212794
Region: Southwest
Lat/Long: 47.256094760565 / -122.4284242004
Clean Up Siteid: 3519
Site Status: CC-Perf. Monitoring
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: MIDDLE WATERWAY ESTUARINE NATURAL RESOUC,STEEL SLAG SITE
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Remediated
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MIDDLE WATERWAY STEEL SLAG
Address: E F ST & 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 55212794
Region: Southwest
Lat/Long: 47.256094760565 / -122.4284242004
Clean Up Siteid: 3519
Site Status: CC-Perf. Monitoring

MIDDLE WATERWAY STEEL SLAG (Continued) **1007068843**

Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: MIDDLE WATERWAY ESTUARINE NATURAL RESOUC,STEEL SLAG SITE
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Remediated
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: MIDDLE WATERWAY STEEL SLAG
Facility Id: 55212794

FINDS:
Registry ID: 110015454435

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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244 North 1/2-1 0.995 mi. 5255 ft. | **LYDEN CASTPARTS INC 11TH**
652 E 11TH ST
TACOMA, WA 98421 | **WA CSCSL** **WA LUST** **WA UST** **WA ALLSITES** **FINDS** | **1007066011** **N/A**

Relative: Lower
Actual: 6 ft.

CSCSL:
Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 73627378
Region: Southwest
Lat/Long: 47.25497303 / -122.4268314
Clean Up Siteid: 10335
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Region:	Southwest
Lat/Long:	47.25497303 / -122.4268314
Clean Up Siteid:	10335
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Region:	Southwest
Lat/Long:	47.25497303 / -122.4268314
Clean Up Siteid:	10335
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Region:	Southwest
Lat/Long:	47.25497303 / -122.4268314
Clean Up Siteid:	10335
Site Status:	Cleanup Started

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 73627378
Region: Southwest
Lat/Long: 47.25497303 / -122.4268314
Clean Up Siteid: 10335
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: WESTERN MACHINE WORKS
Address: 652 E 11TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 73627378
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10335
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section: Southwest
Release Date: 12/02/1994
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 3735
UST ID: 200780
Contaminant Name: Petroleum-Diesel
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

Name:	WESTERN MACHINE WORKS
Address:	652 E 11TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	73627378
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10335
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	BALL PROPERTY,LYDEN CASTPARTS INC 11TH
Response Section:	Southwest
Release Date:	12/02/1994
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	3735
UST ID:	200780
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2549730 / -122.42683

UST:

Name:	BALL PROPERTY
Address:	652 E 11TH
City:	TACOMA
Zip:	98421
Facility ID:	73627378
Site Id:	200780
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.25497303
Decimal Longitude:	-122.4268314

Tank Name:	1
Tag Number:	Not reported

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Tank Status:	Removed
Tank Status Date:	01/27/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BALL PROPERTY
Address:	652 E 11TH
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/27/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

LYDEN CASTPARTS INC 11TH (Continued) **1007066011**

Name:	BALL PROPERTY
Address:	652 E 11TH
City:	TACOMA
Zip:	98421
Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/27/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	LYDEN CASTPARTS INC 11TH
Facility Id:	73627378
Name:	WESTERN MACHINE WORKS
Facility Id:	9587823

FINDS:

Registry ID: 110015425896

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 9 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		WA SWF/LF
PIERCE COUNTY	S118401944	O'CONNER DEMOLITION FILL	BETWEEN 19TH AND 21ST ST NE AN		WA SWF/LF
PIERCE COUNTY	S118401717	FERGUSON-MATHIAS ROAD DUMP	5818 MATHIAS ROAD E		WA SWF/LF
TACOMA	S124436314	NILSEN PLAT TOWNHOMES	2303 & 2315 S G ST	98405	WA VCP
TACOMA	S124432425	PORTAC INC TACOMA	4215 SR 509 E FRONTAGE RD	98421	WA VCP
TACOMA	S124435155	TPU PASSMORE PROPERTY	1716 72ND ST E	98404	WA VCP
TACOMA	S124433267	BAY TERRACE AKA HILLSIDE TERRACE	SOUTH G STREET AND SOUTH YAKIM	98405	WA VCP
TACOMA	S118401748	GRICE DUMP	S OF THE INTERSECTION OF 25TH		WA SWF/LF
TACOMA	1010080826	PSE TACOMA HISTORICAL COAL GAS	220 E RIVER STREET	98421	EDR MGP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Parametrix, Inc. were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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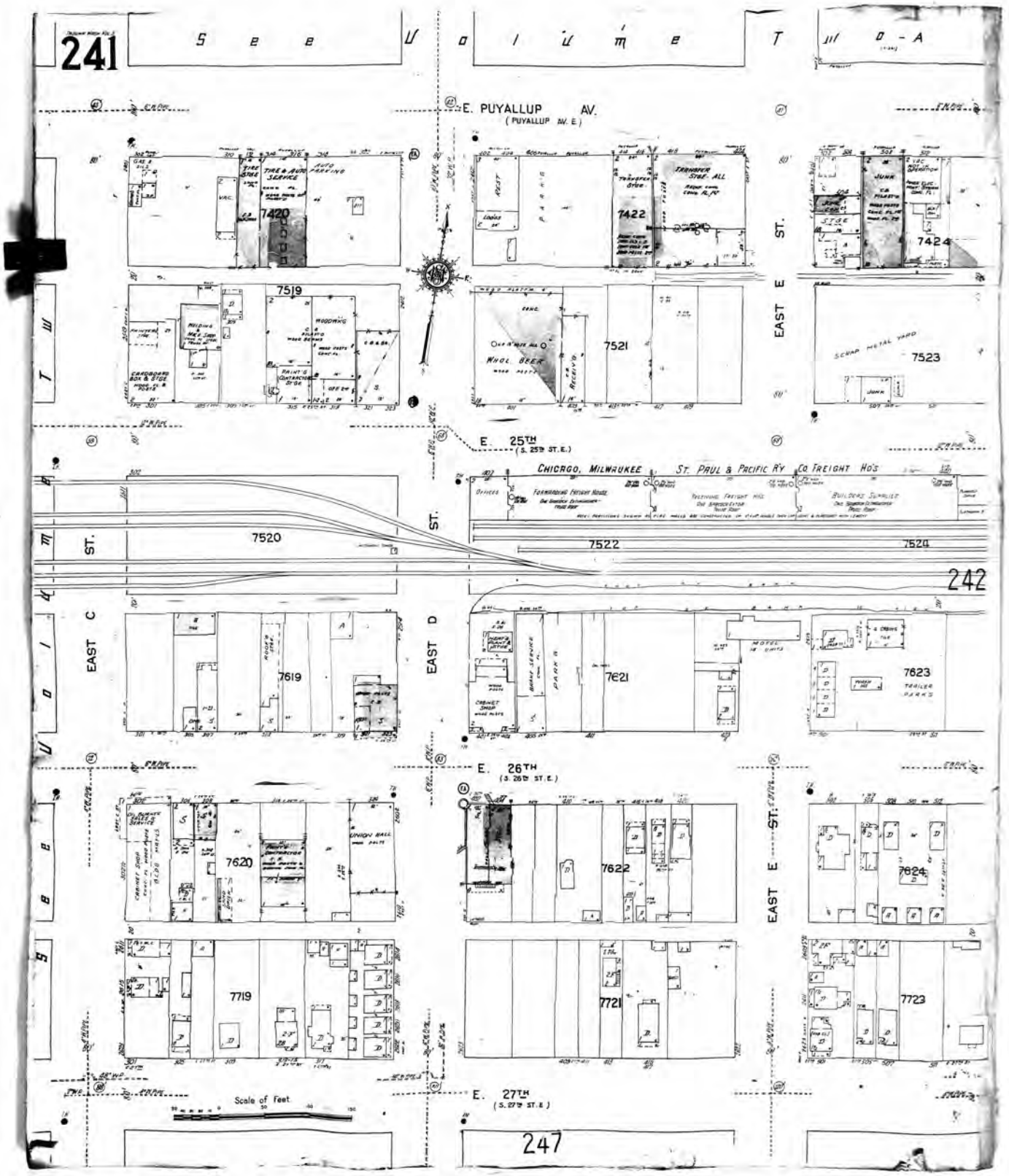

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

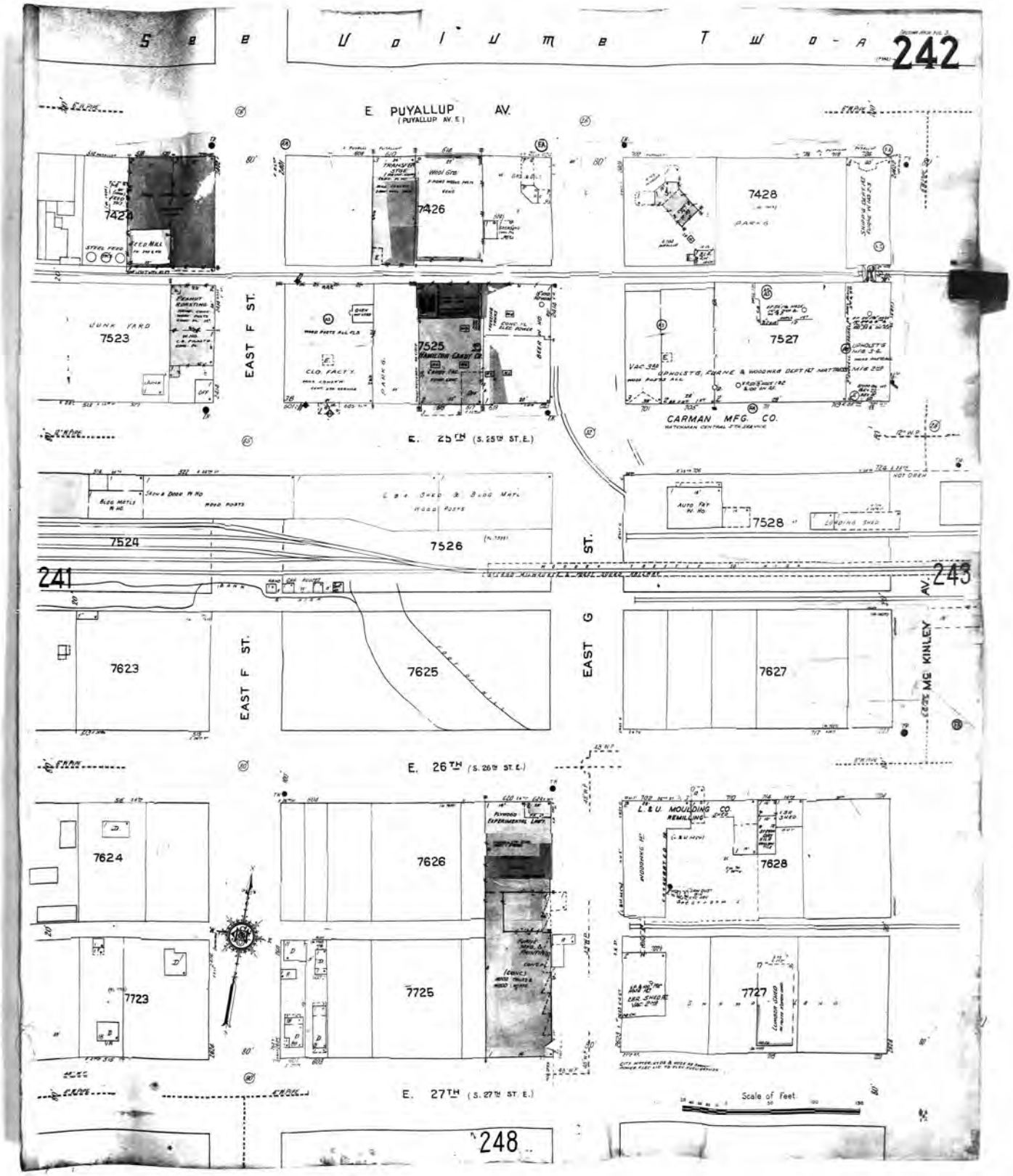

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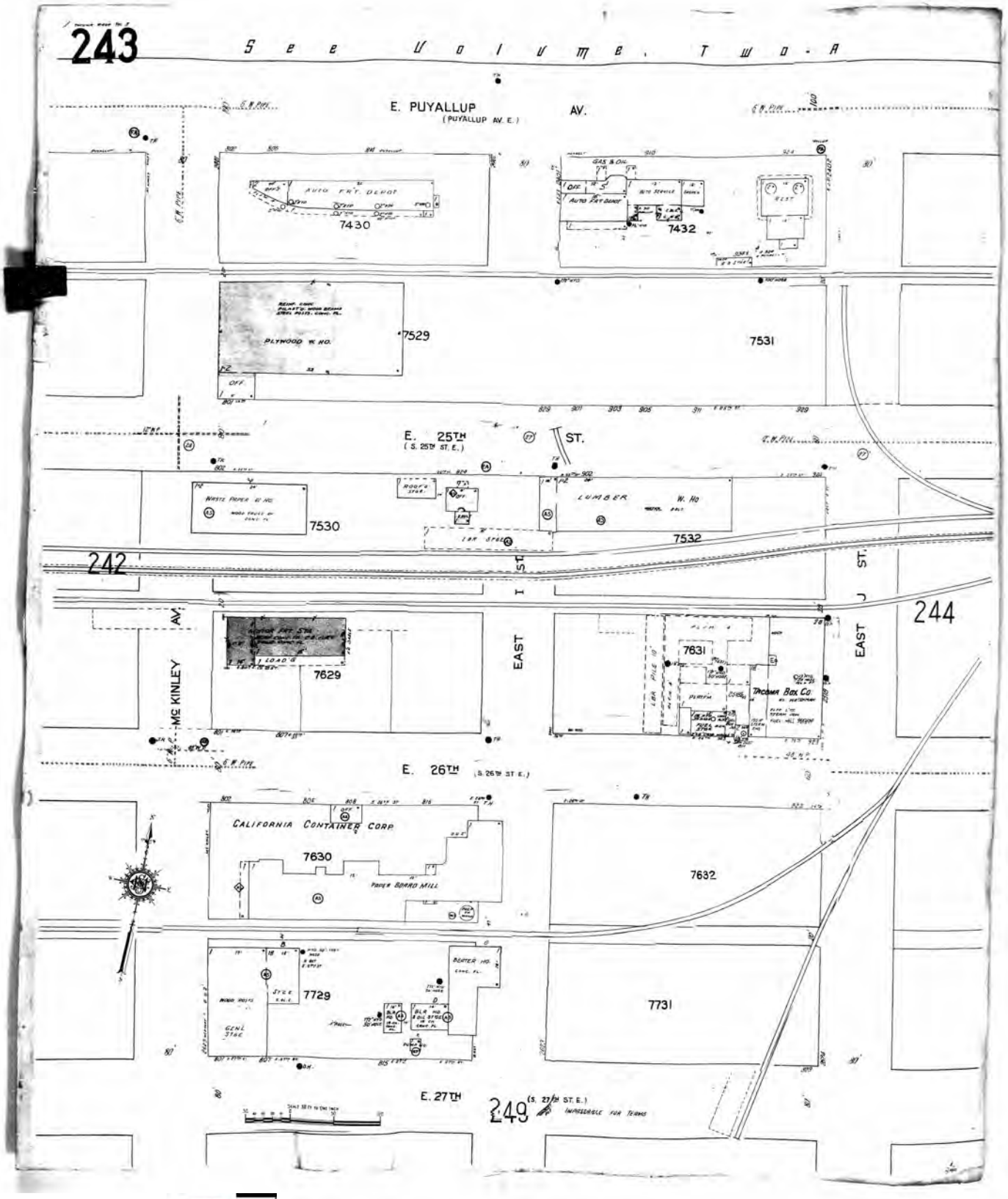

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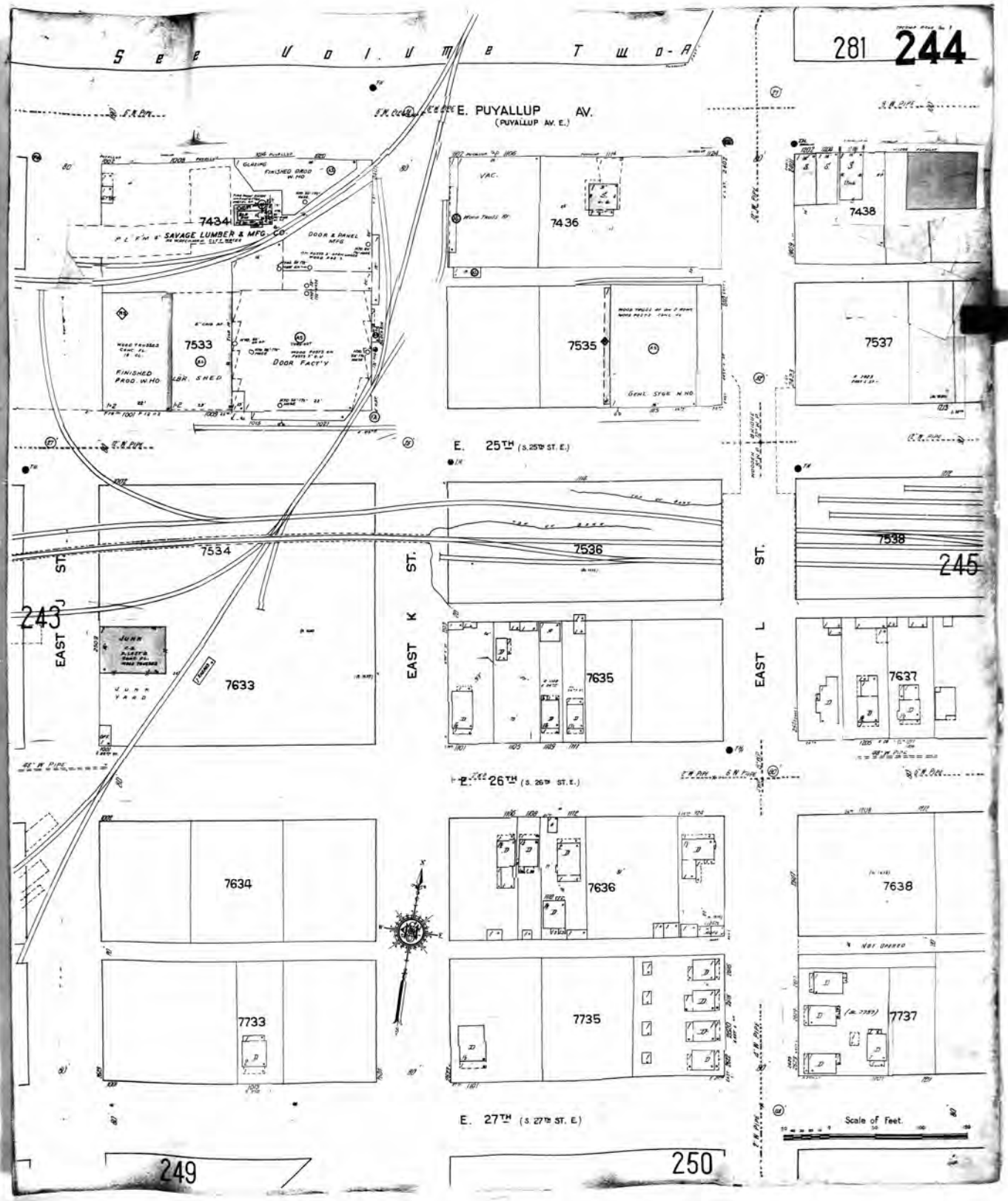

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Copyright	1963

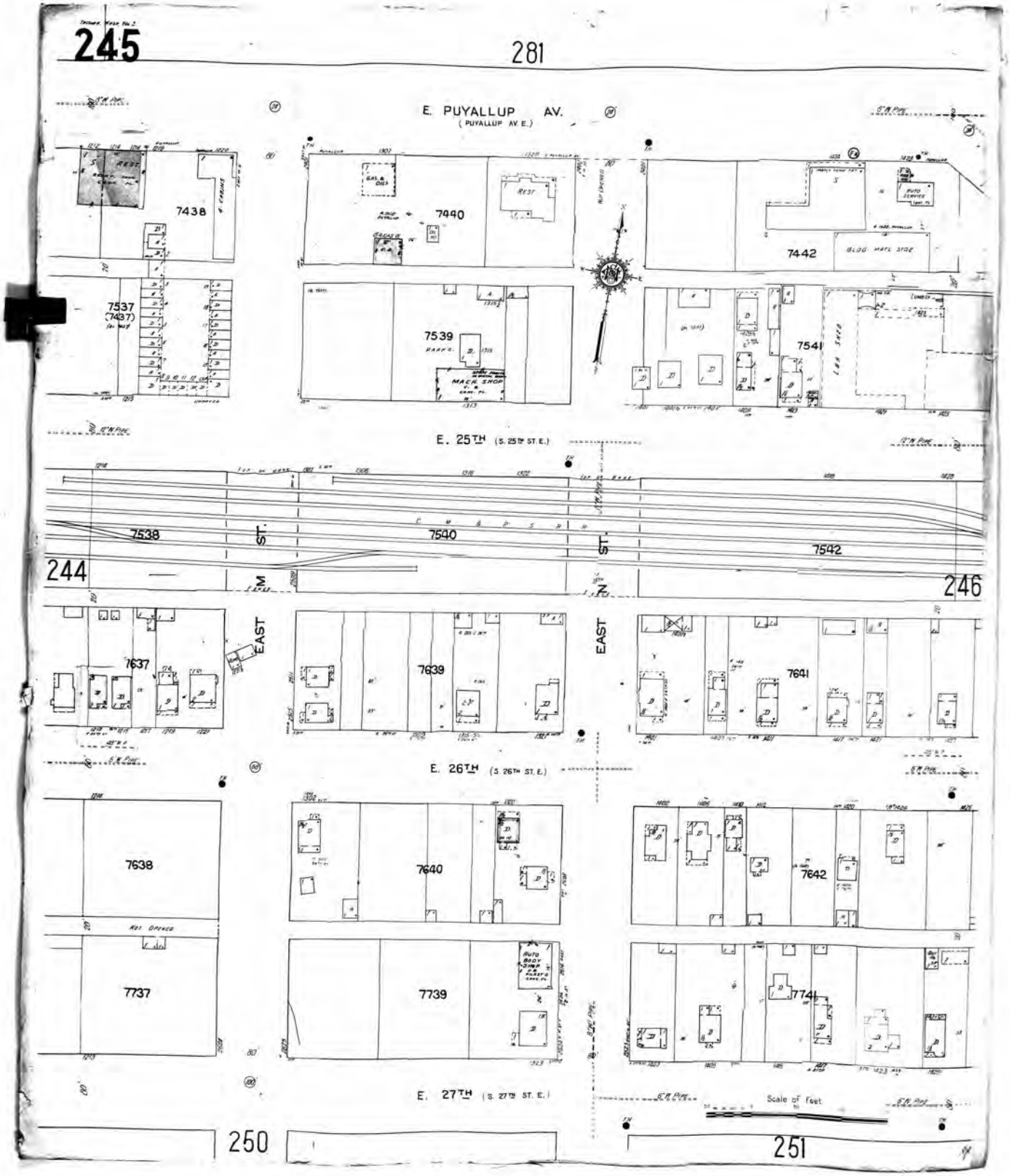

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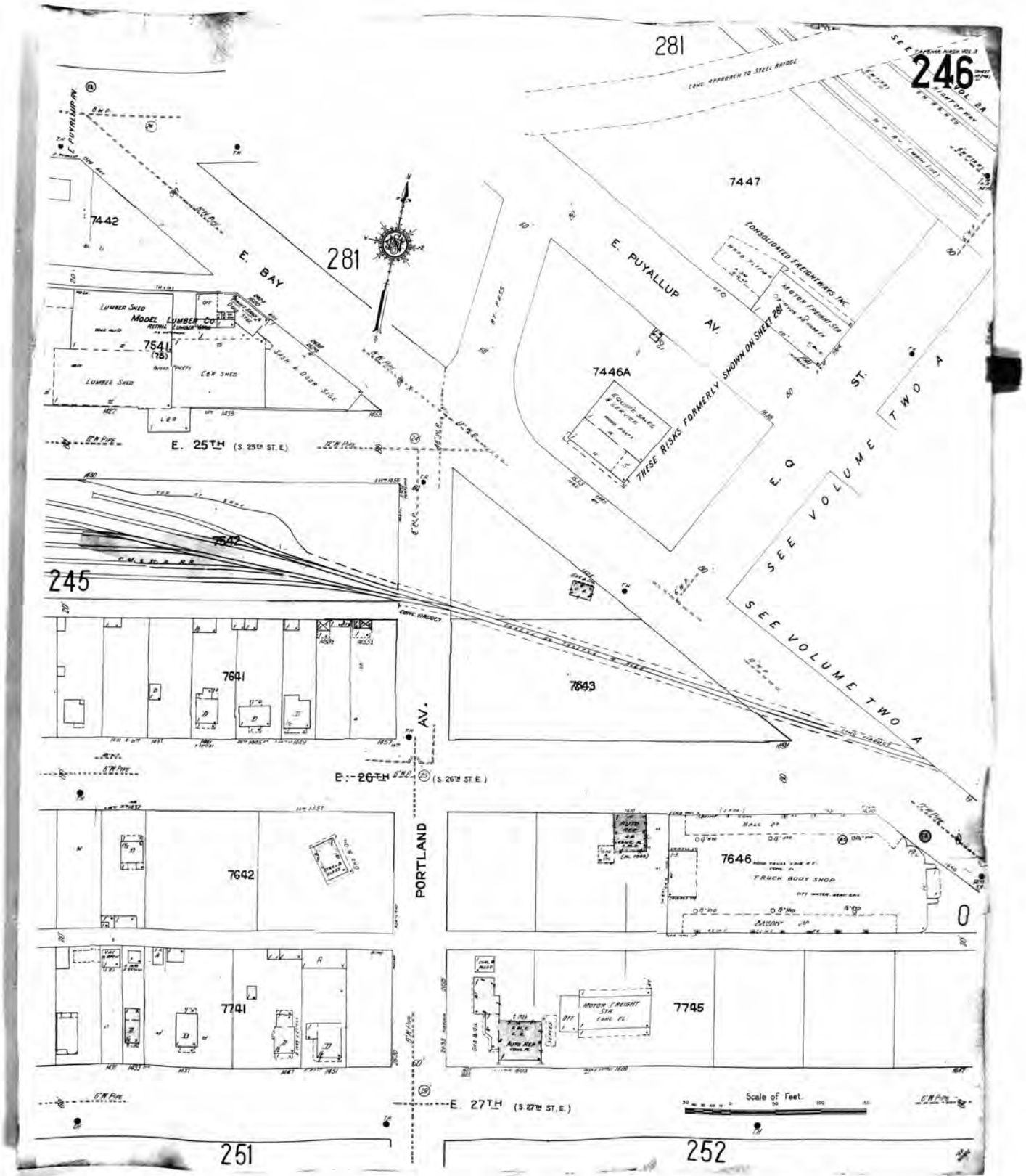

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Copyright	1963

Certified Sanborn® Map

1950

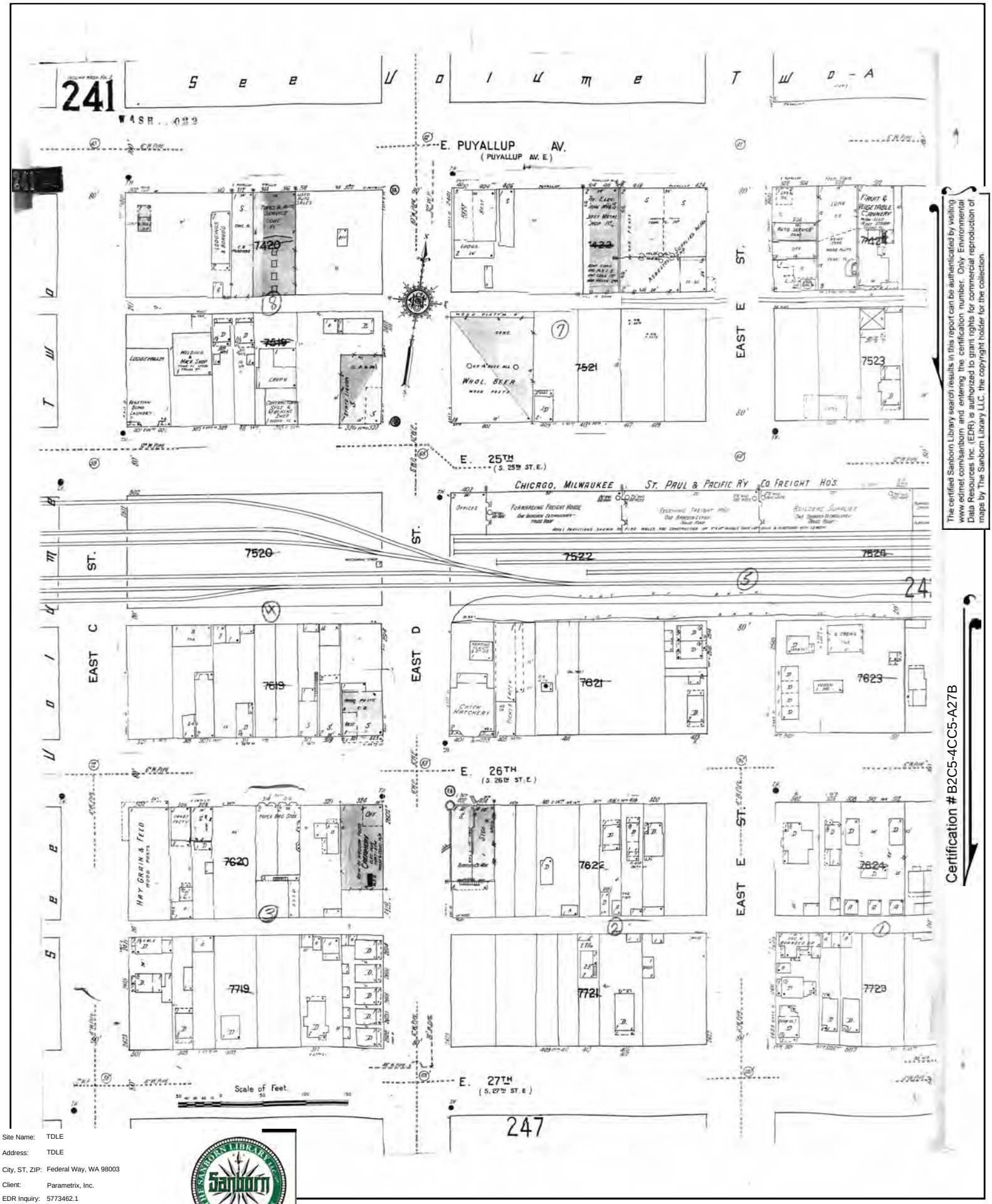

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Copyright	1950

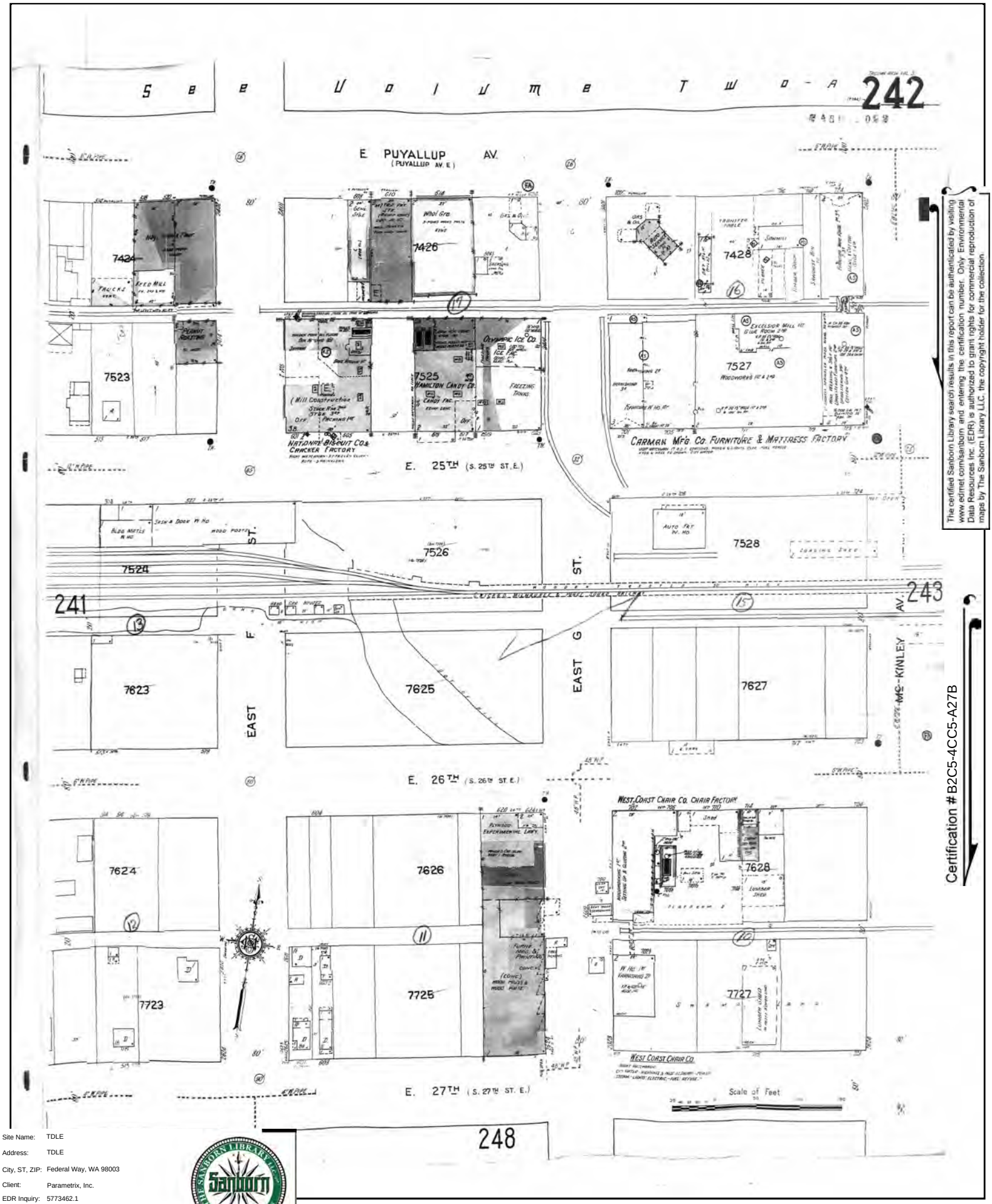

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Copyright	1950

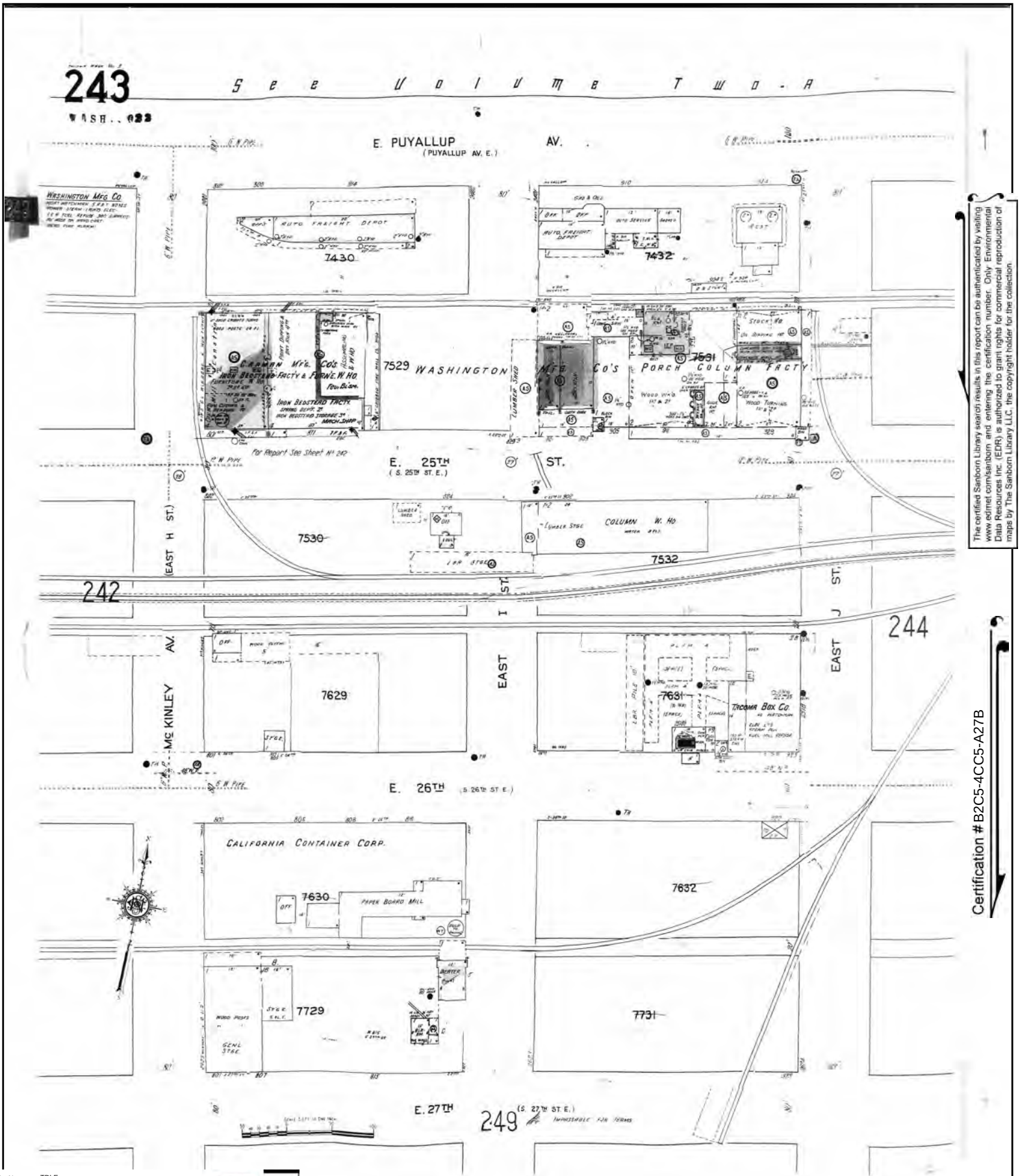

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Copyright	1950

Certified Sanborn® Map

1950

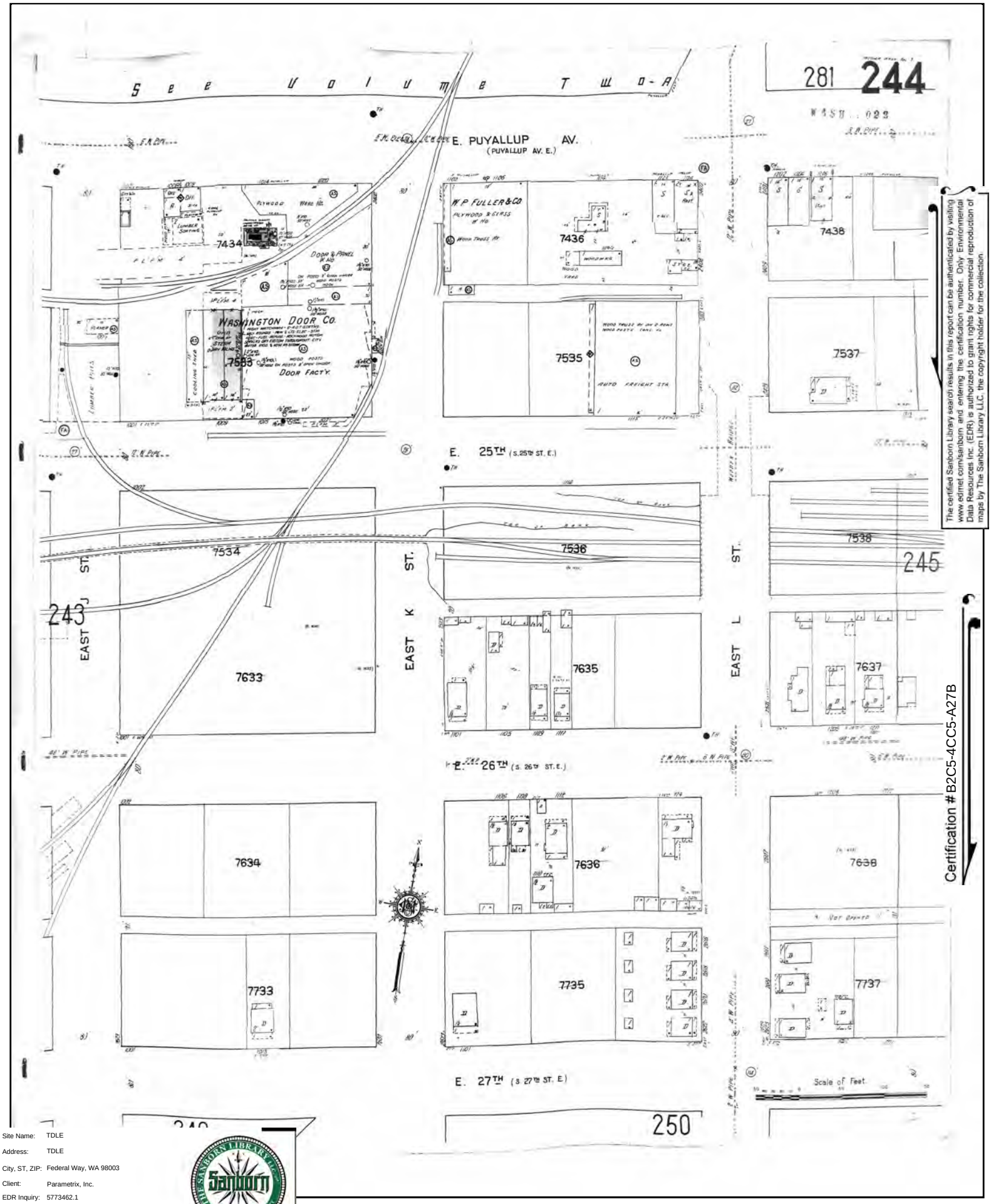

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Copyright	1950

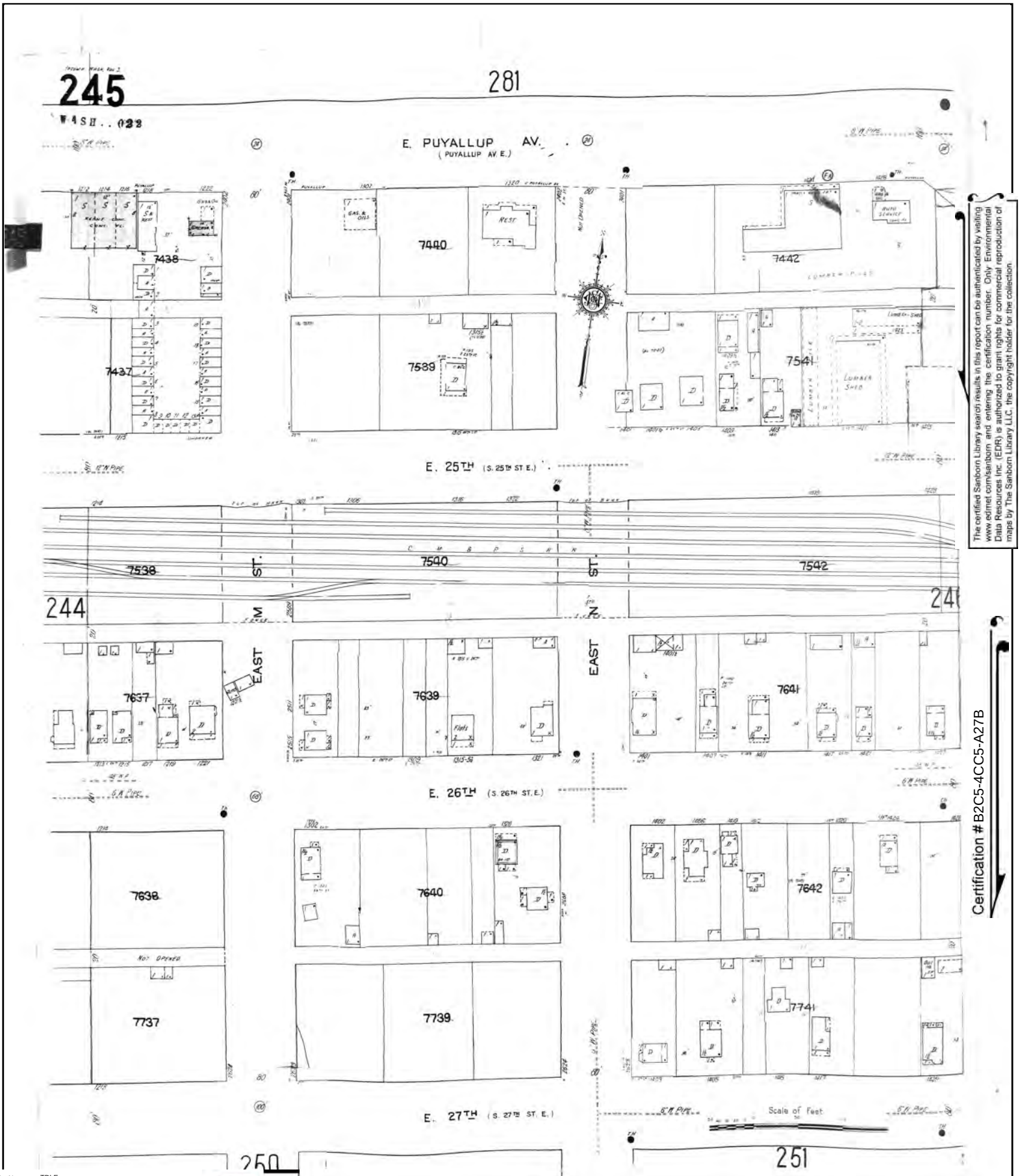

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Copyright	1950

Certified Sanborn® Map

1950

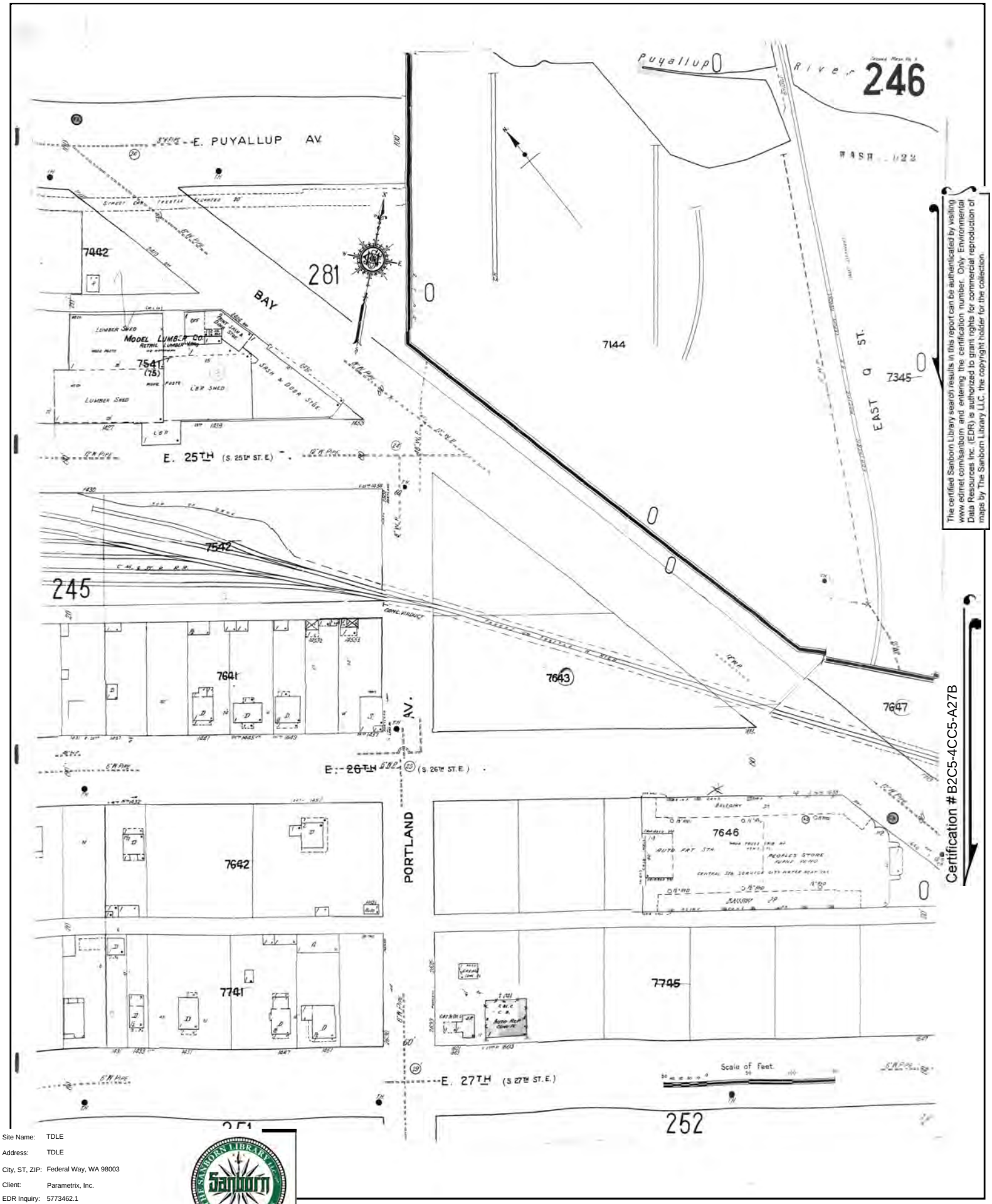

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Copyright	1950

Certified Sanborn® Map

1912

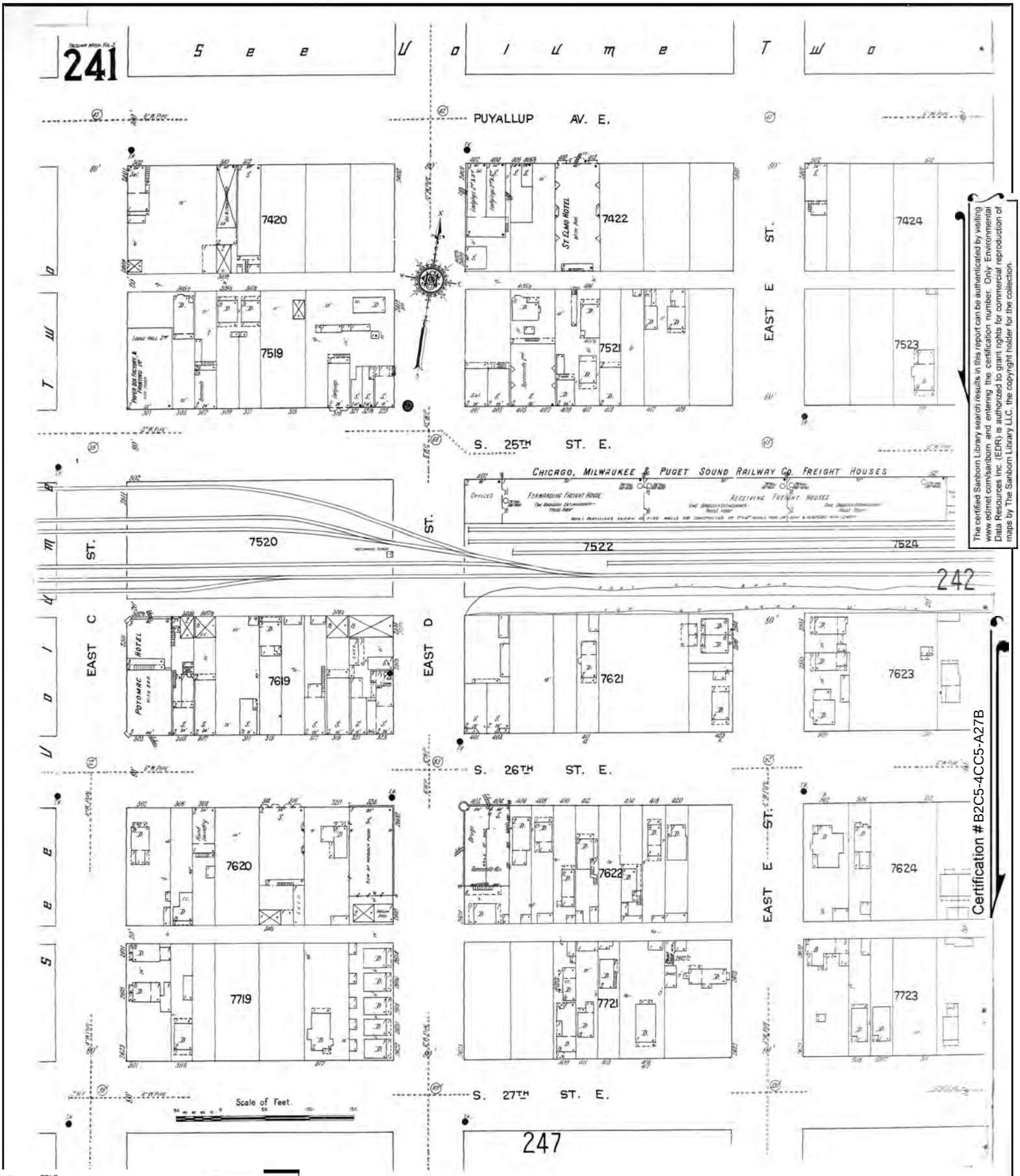

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Copyright	1912

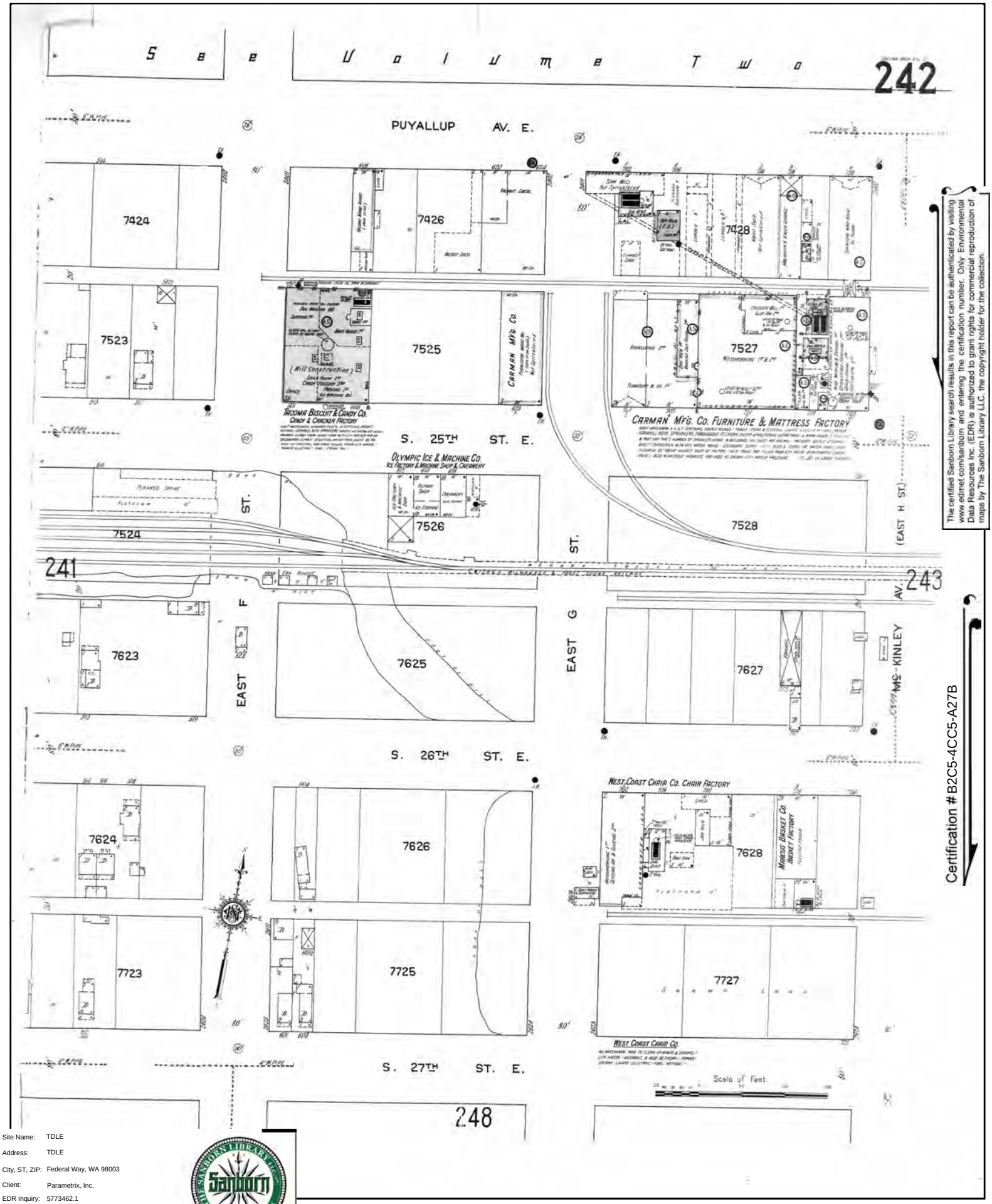

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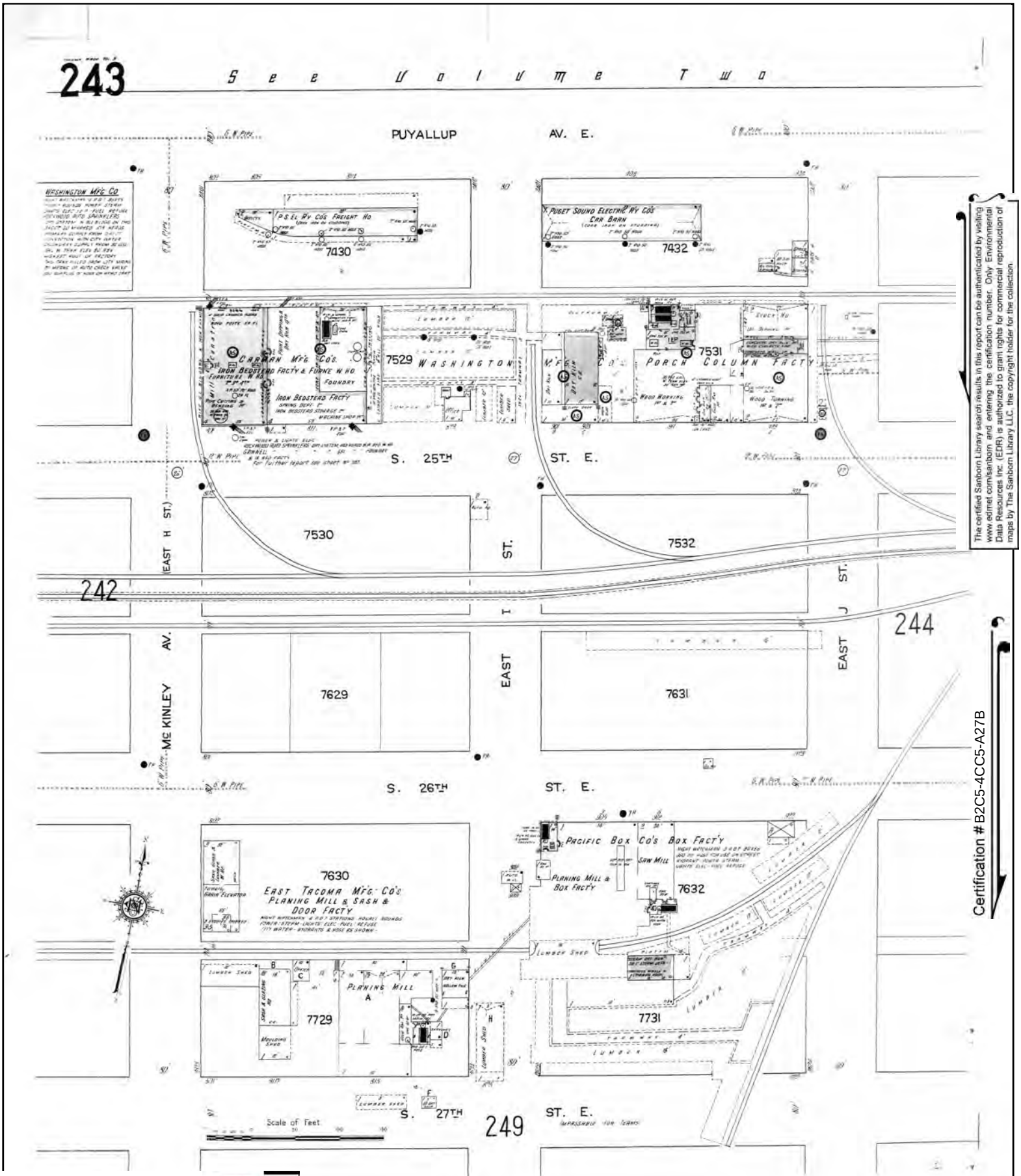

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Copyright	1912

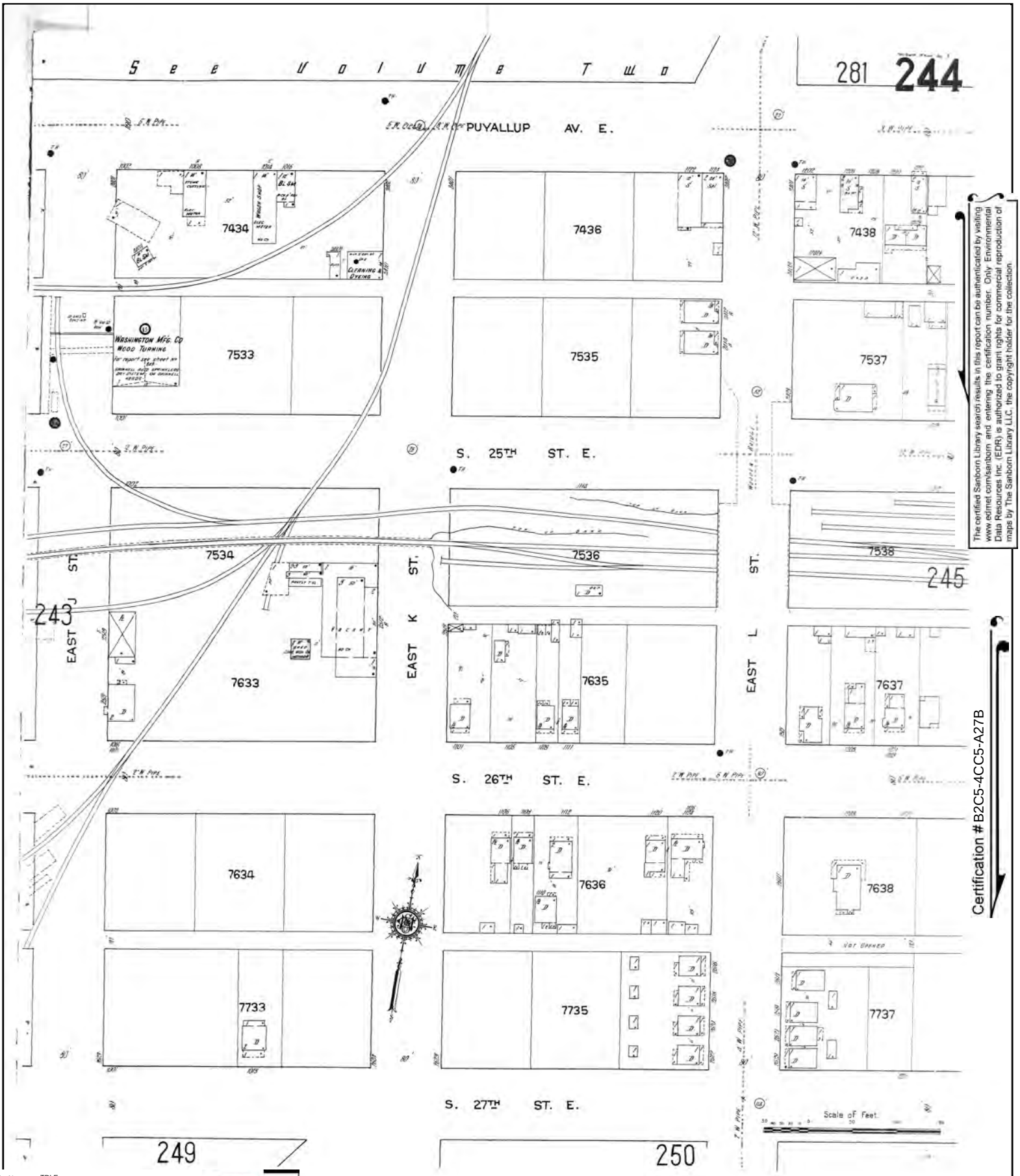

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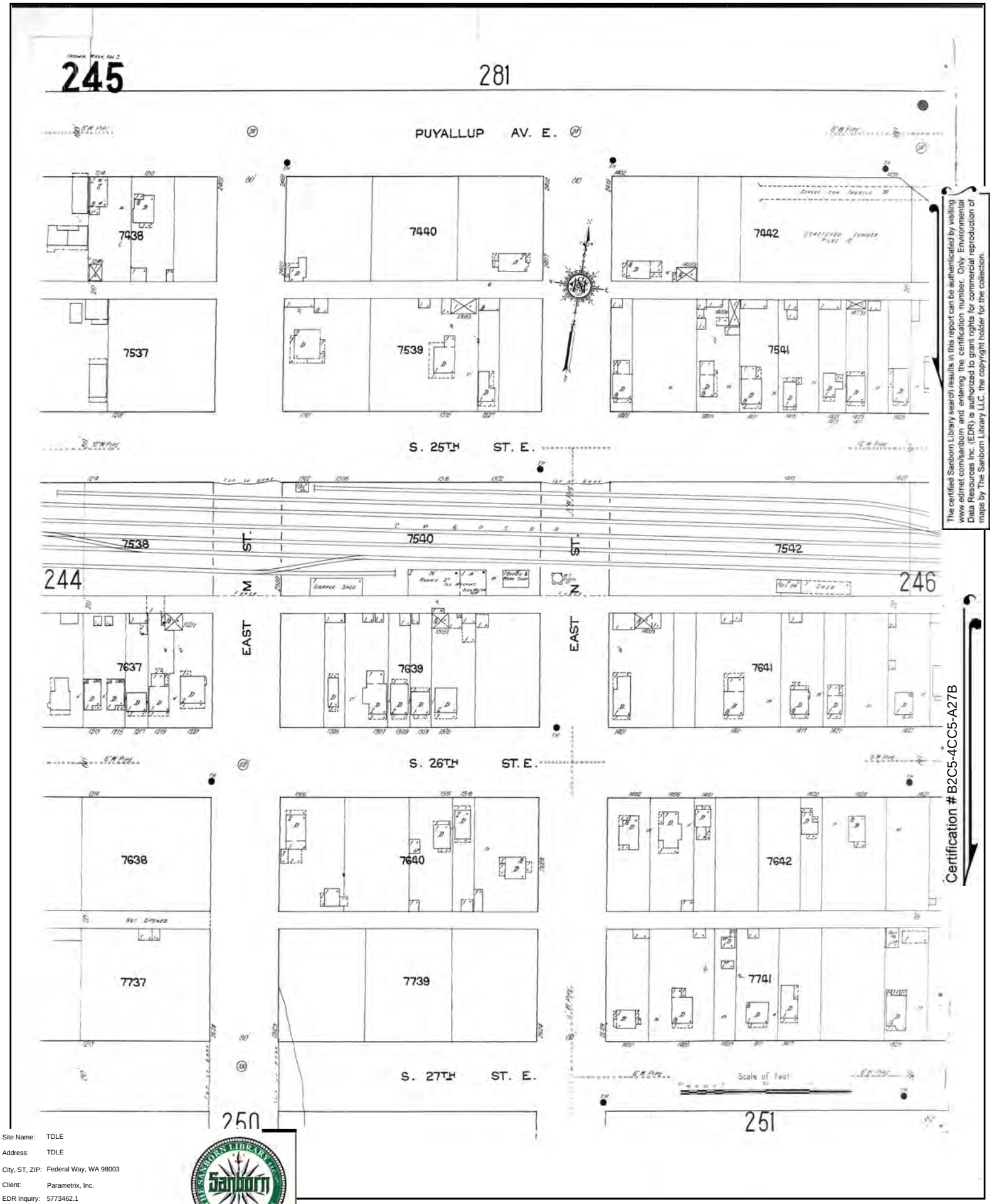

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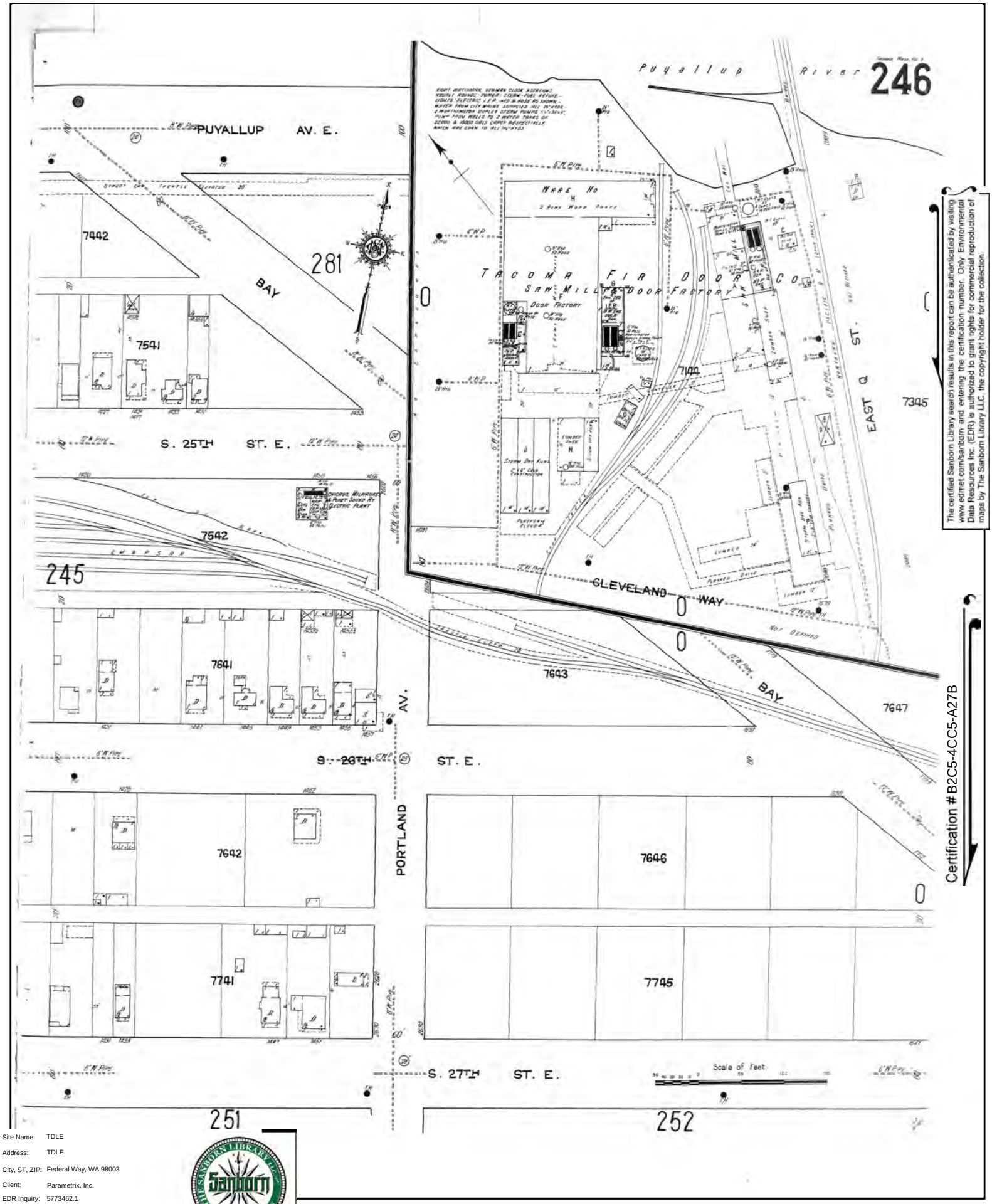

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Copyright	1912

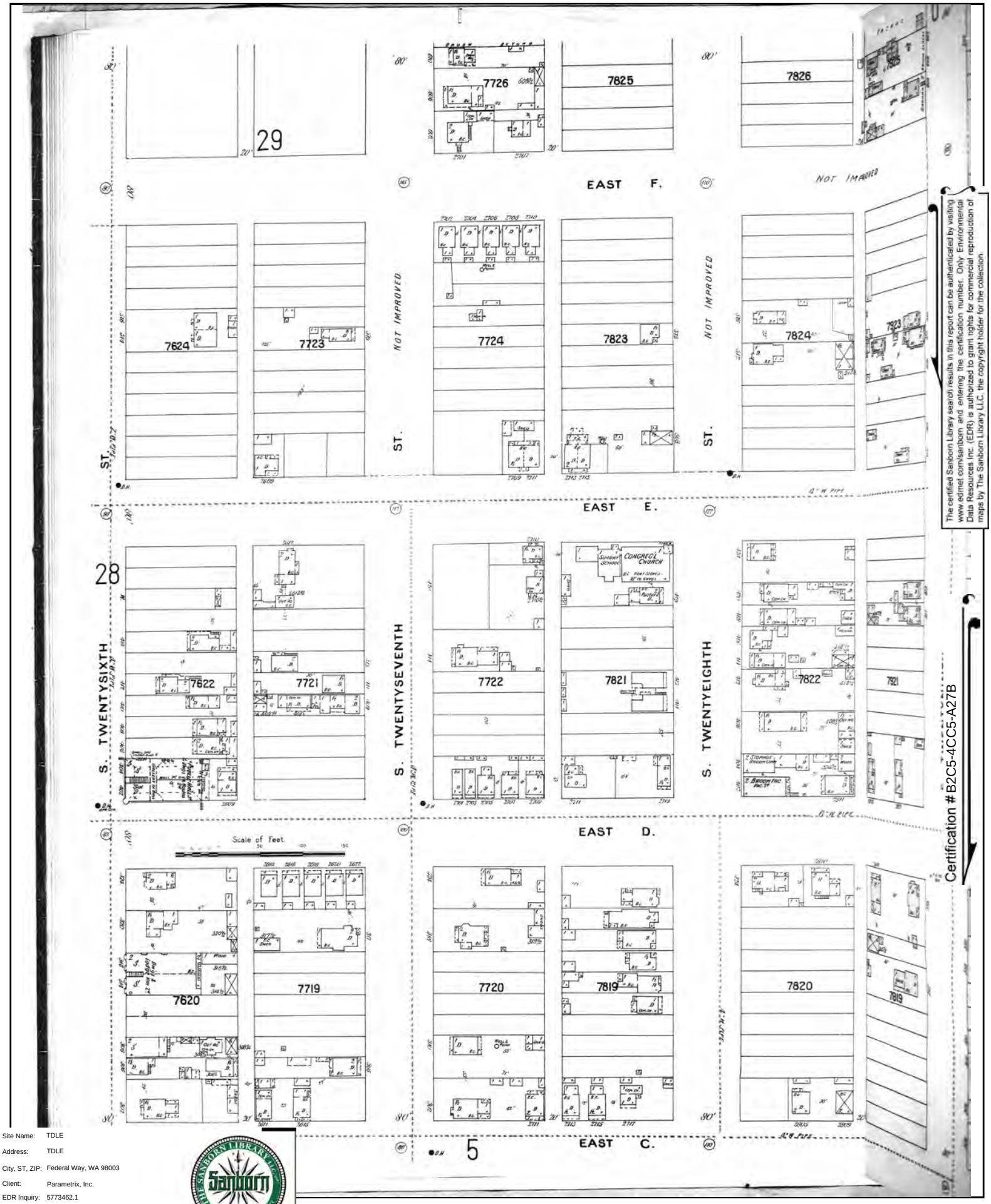

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Order Date:	09/04/2019
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Copyright	1896

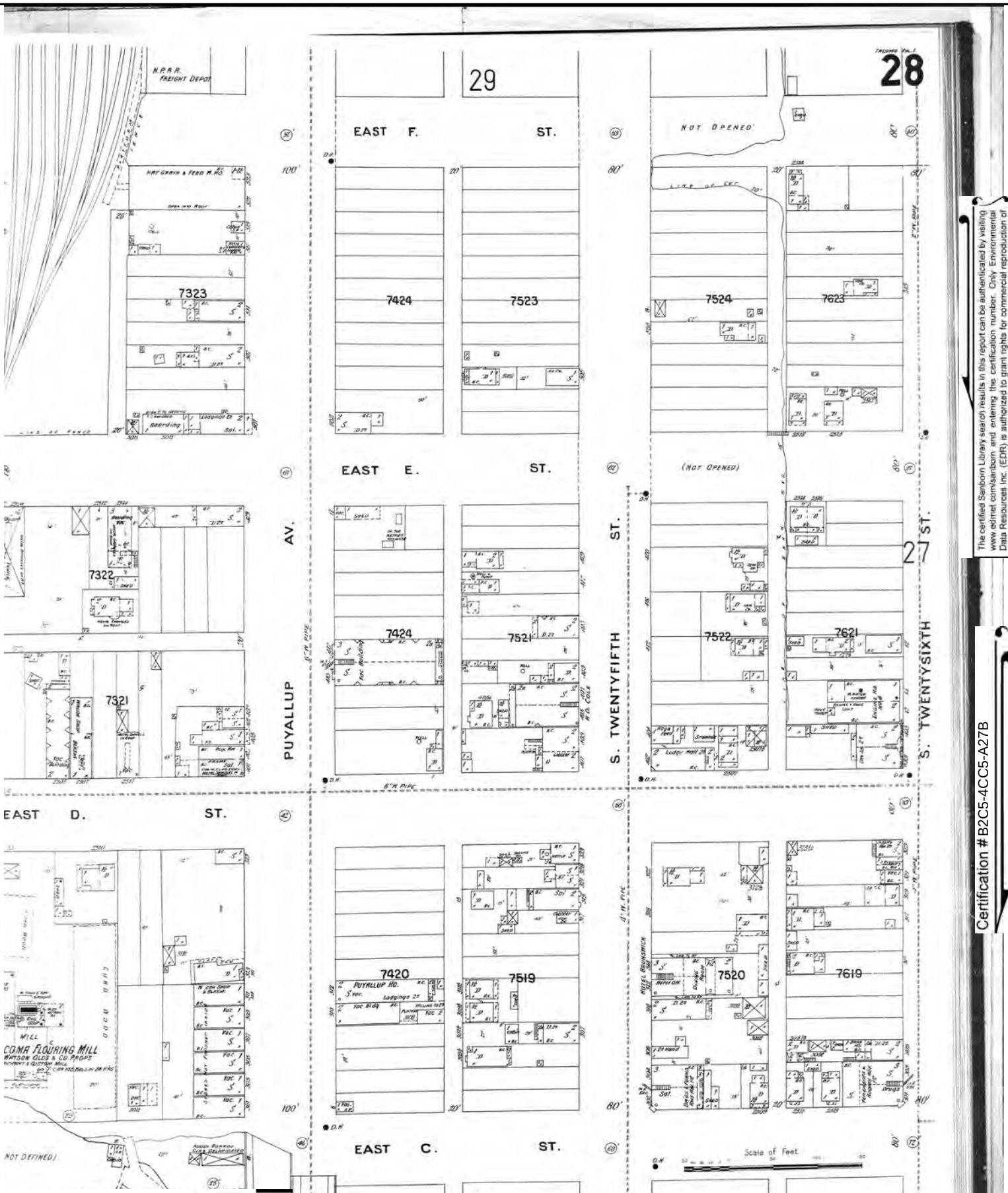

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Copyright	1896

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Certification #	B2C5-4CC5-A27B
Copyright	1896

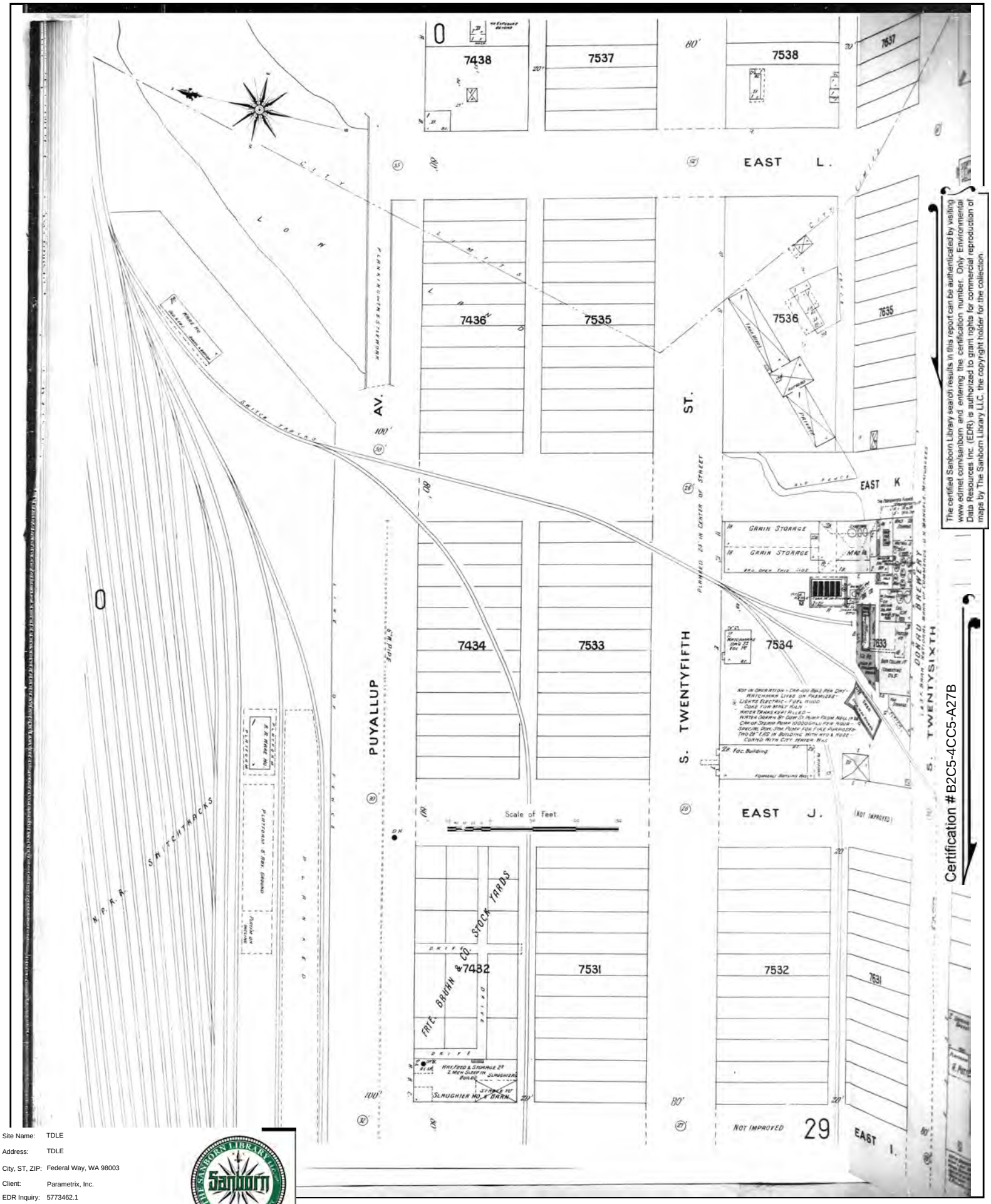

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1896

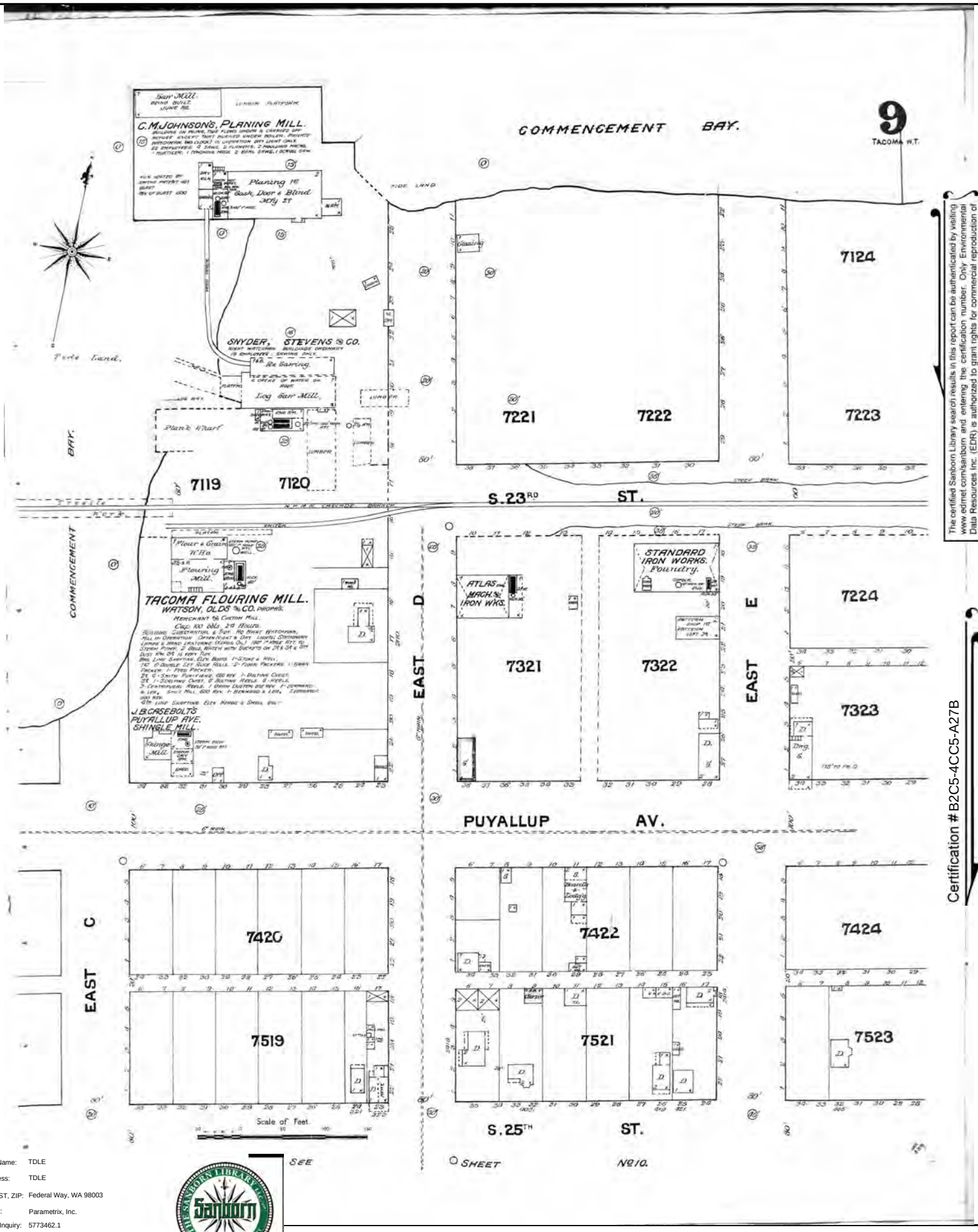

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-1
1941 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-2
1943-1944 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-3
1957 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-4
1968 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-5
1972 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-6
1980 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-7
1990 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-8
2006 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-9
2009 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-10
2013 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/8/2021 | ST_TDLE_Ph2 | PhaseI_Tacoma_UhaulSouthProperty_Aerial.mxd

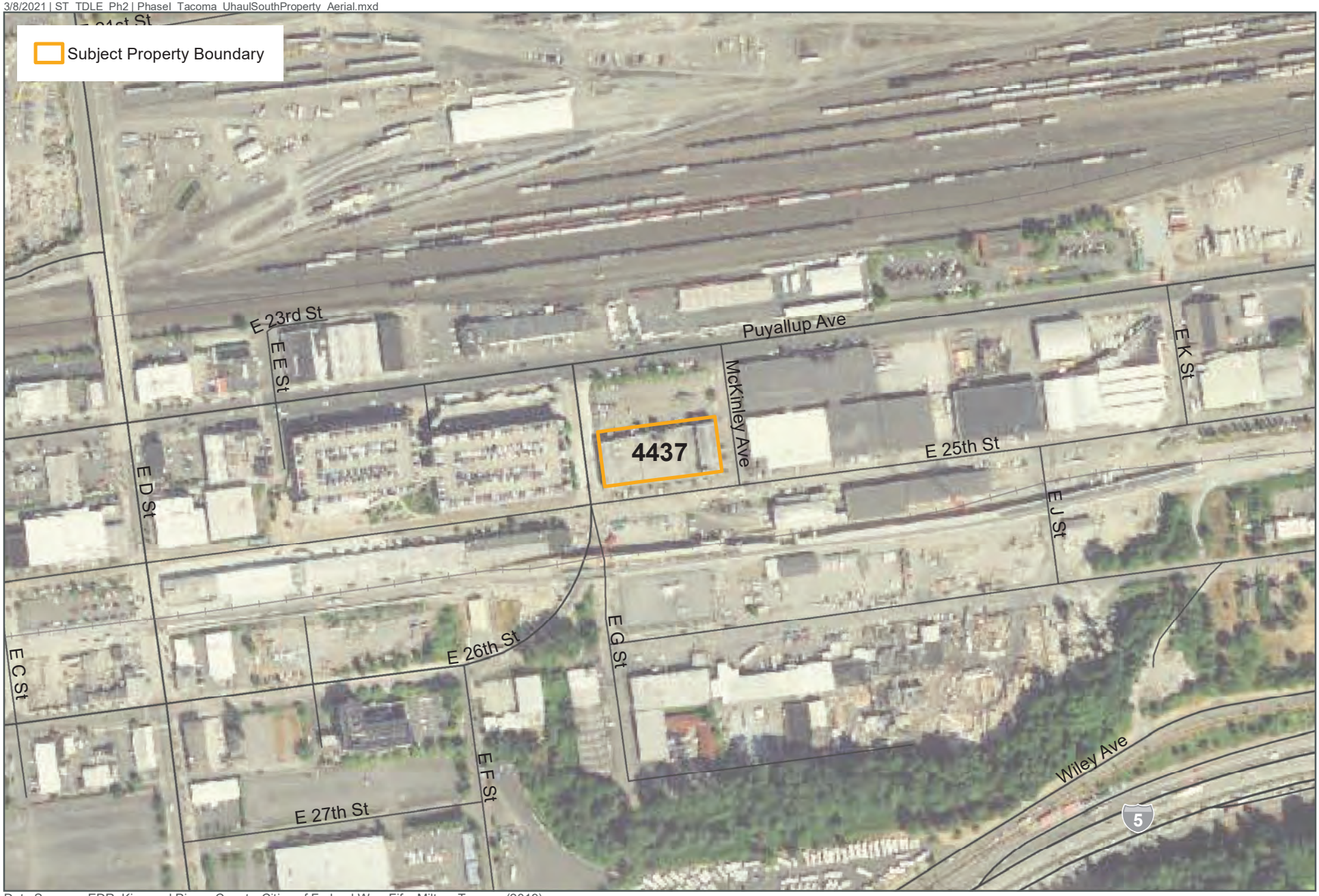

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE D-11
2017 Aerial Imagery
U-Haul (South Property)
725 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Appendix E

Site Photographs

Photo 1. Subject property southeast corner of the building.

Photo 2. Subject property and adjacent property north. Non-hazardous waste drums located north of the building.

Photo 3. Subject Property and adjacent property north, looking east. Monitoring well location on the southwest portion of the adjacent property.

Photo 4. Subject property, looking east. Pole-mounted transformers adjacent to the building.

Photo 5. Subject property, looking northwest towards the adjacent property. Two monitoring wells on the northeast corner of the building.

Photo 6. Subject property, east side of the building looking north.

Photo 7. Adjacent property west.

Photo 8. Adjacent property east.

Photo 9. Adjacent property south.

Photo 10. Adjacent property southwest.

Appendix F

Supporting Documents

Pierce County Assessor-Treasurer
Property Summary

725 E 25TH ST

AMERCO REAL ESTATE COMPANY
2075270010

Tax Description

Section 09 Township 20 Range 03 Quarter 11 TACOMA LD COS 1ST L 1 THRU 12 B 7527 TOG/W VAC ALLEY ABUT ORD 19338 EASE OF RECORD # 2390441 DC00579170 6/12/18BB

Property Details

Parcel Number	2075270010
Site Address	725 E 25TH ST
Account Type	Real Property
Category	Land and Improvements
Use Code	6380-MINI WAREHOUSING

Taxpayer Details

Taxpayer Name	AMERCO REAL ESTATE COMPANY
Mailing Address	2727 N CENTRAL AVE PHOENIX, AZ 85004

Appraisal Details

Value Area	PI1
Appr Acct Type	Industrial
Business Name	UHAUL
Last Inspection	06/16/2020-New Construction
Appraisal Area	8

Related Parcels

Group Account Number	1615
Located On	n/a
Associated Parcels	n/a

Assessed Value

Value Year	2020	**Assessed Total**	1,924,800
Tax Year	2021	**Assessed Land**	782,600
Taxable Value	1,924,800	**Assessed Improvements**	1,142,200
Tax Code Area	005	**Current Use Land**	0
Tax Code Area Rate	0	**Personal Property**	0
Notice of Value Mailing Date	06/25/2020		

Assessment Details

2020 Values for 2021 Tax

Taxable Value	$1,924,800
Assessed Value	$1,924,800

Tax Amounts Due

Tax Year	Minimum Due	Total Due
TOTAL	**0.00**	**0.00**

Property Tax Exemptions

No exemptions

Land Details

Land Economic Area	4081
RTSQQ	03-20-09-11
Value Area	PI1
Square Footage	42,000
Acres	0.964
Front Foot	0
Electric	Power Installed
Sewer	Sewer/Septic Installed
Water	Water Installed

Building 1 Details

General Characteristics

Property Type	Industrial
Condition	Average
Quality	Fair
Neighborhood	801
Occupancy	Mini Storage
Square Feet	76,242
Net Square Feet	92,572
Attached Garage Square Feet	0
Detached Garage Square Feet	0
Carport Square Feet	0
Finished Attic Square Feet	0
Total Basement Square Feet	0
Finished Basement Square Feet	0
Basement Garage Door	0
Fireplaces	0

Built-As

DESCRIPTION	Loft - Industrial
YEAR BUILT	1918
ADJUSTED YEAR BUILT	1970
SQUARE FEET	76,242
STORIES	2
BEDROOMS	0
BATHROOMS	0
EXTERIOR	n/a
CLASS	Wood Frame
ROOF	n/a
HVAC	None
UNITS	0

Improvement Details

Type	Description	Units
Add On	Misc Loft Area (Av)	16,050

Sales History

SALE DATE	04/12/2018
ETN	4463908
PARCEL COUNT	3
GRANTOR	LANDMARK TACOMA I/LANDMARK TAC
GRANTEE	AMERCO REAL ESTATE COMPANY
SALE PRICE	3,000,000
DEED TYPE	Special Warranty Deed
SALES NOTES	

SALE DATE	10/04/2006
ETN	4141969
PARCEL COUNT	3
GRANTOR	HAN JOE RO LLC
GRANTEE	LANDMARK TACOMA I/LANDMARK TACOMA II LLC
SALE PRICE	3,040,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	12/01/1998
ETN	0987577
PARCEL COUNT	4
GRANTOR	SPI PROPERTIES LLC
GRANTEE	HAN JOE RO LLC
SALE PRICE	1,235,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

SALE DATE	10/01/1998
ETN	0981633
PARCEL COUNT	4
GRANTOR	CARMAN MFG CO
GRANTEE	SPI PROP LLC
SALE PRICE	1,235,000
DEED TYPE	Statutory Warranty Deed
SALES NOTES	

Map

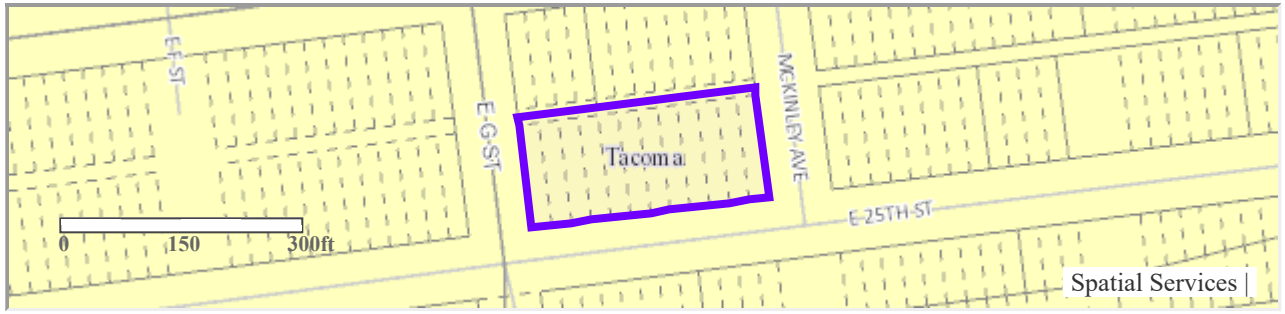

Photos

2020_PRI_1-8-2020_0010001-fbp20200102.jpg

Sketches

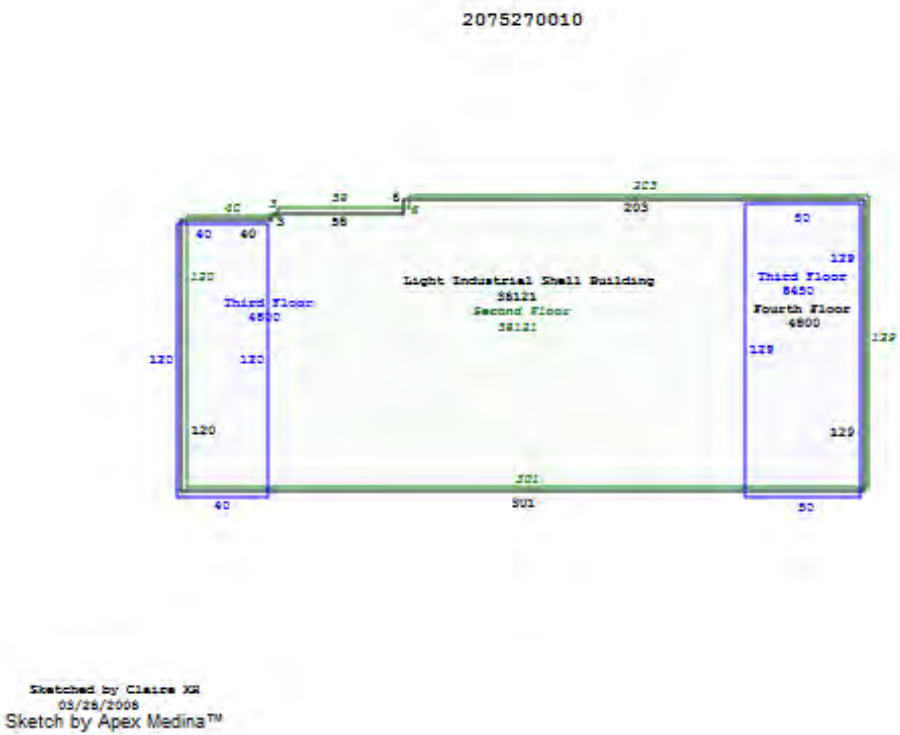

2014_IMP_1_5-6-2014_Page 1 - Apex 2075270010 Imp No - 1.JPG

725 East 25th

ADDRESS 725 East 25th

PERMIT		Water Closets	Bath Tubs	Wash Basins	Sinks	Wash Trays	A.W.Machine	Water Heater	Floor Drains	Sumps	Shower Baths	Urinals	Dish Washer	Dr. Fountains			INSPECTIONS		CONTRACTOR
DATE	NO.																ROUGH	FINAL	

Sewer _____ Septic Tank _____

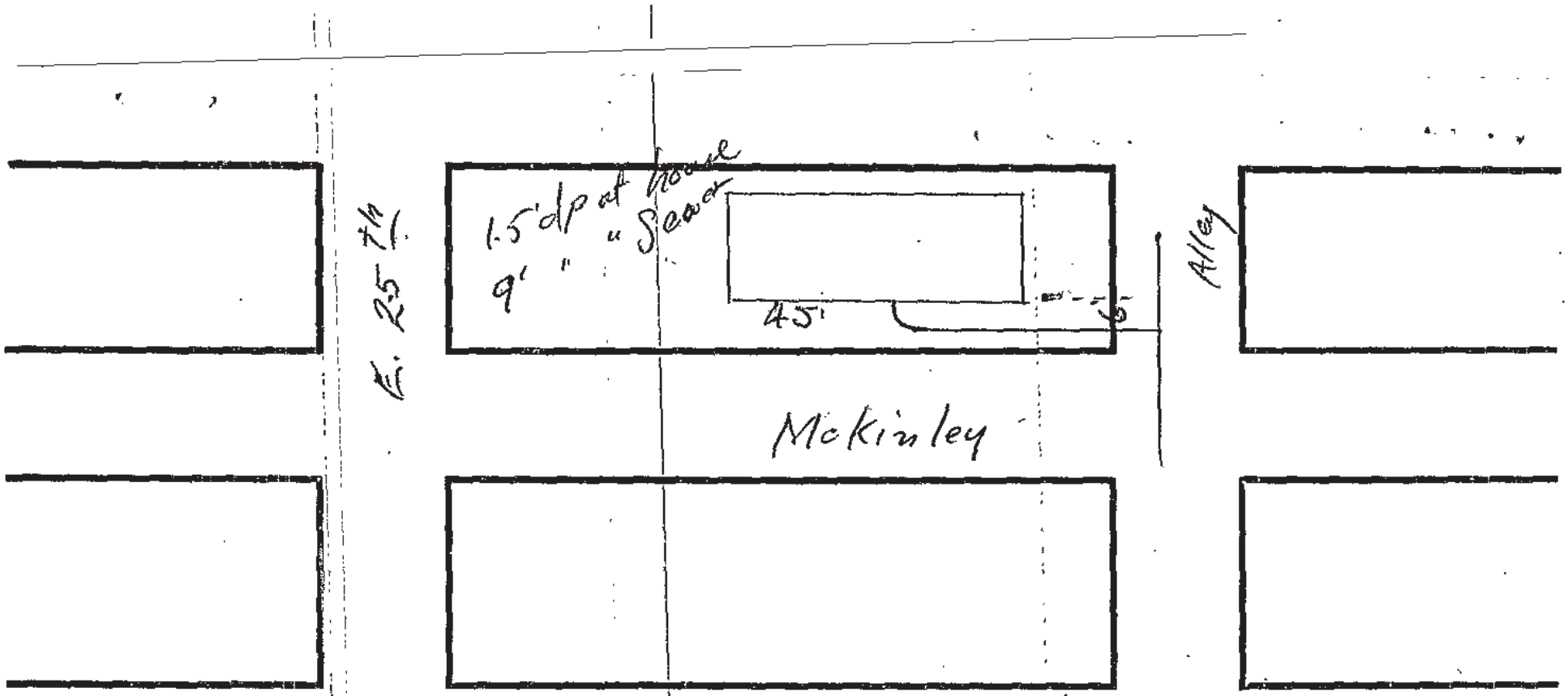

Address 725 East 25th

Permit No. A 3442

Date 6-15-60

Contractor Wambem Co.

Inspected and measurements taken by Conly

Date 6-15-60

Remarks Hook up made by Woodrees Crew.

City of Tacoma
Certificate of Completion

This is to certify that the INSTALLATION OF PAINT SPRAY BOOTH

located at 725 EAST 25TH STREET, TACOMA, WASHINGTON

has been inspected for compliance with the requirements of the building code for the group and division of occupancy and the use for which the proposed occupancy is classified, the zoning code, and all other applicable regulations enforced by the City of Tacoma for all work authorized by Permit No. BLD2001-01579.

This Certificate is to be posted on the premises.

Date March 11, 2002

By _____ Building Official

Wesly D. Co Inc
PO Box 5697
Kent, WA 98064

Sign Off Sheet for Certificate of Occupancy

City of Tacoma ■ Department of Public Works ■ Building and Land Use Services Division

☒ **Certificate of Occupancy** — **Address** 725 E. 25th St.

☐ **Temp. C.O. –time limit** _____ — **Space Number or Tenant** —

☒ **Certificate of Completion** — **Building Permit Number** BLD 2001-01579

Description of Work INSTALL PAINT SPRAY BOOTH

All categories that are marked under "Inspections Required" must be approved before calling for the "Final Building Inspection."

Inspections Required		Date	Approved By	Phone No.
X	Fire/Sprinkler/Alarm	2-14-02	[illegible]	591-5503
	Land Use/Landscaping			591-5001
	Plumbing			591-5005
X	Mechanical/HVAC	2-25-02	[illegible]	591-5005
X	Electrical	1-9-02	[illegible]	502-8277
	Construction Div.			591-5760
	Water Quality			502-8215
	Boiler			596-3902
	Sign			591-5005
	Energy Conservation/Lighting			502-8655
	Solid Waste Utility			591-5543
	Rental Registration			591-5005
	Wastewater Mgmt/ Source Control			502-2162

_____ "Letter of Completion" from the Special Inspection Agency

_____ "Letter of Completion" from the Engineer ☐ Architect ☐

_____ Receipt for Temporary Certificate of Occupancy (non refundable fee)

_____ Bonding required for unfinished work. _____

_____ Other _____

Certificate of Occ. 3-11-02 [illegible]

When the inspections required above are approved, call for the final building inspection at 591-5004.

X **Final Building Inspection** _____ **Date** 3-11-02

Corrections or Conditions of Occupancy _____

RM COSHEET.doc 1/01

BUILDING INSPECTION RECORD

Bldg. Address 725 East 25th Street	Owner: Carmen Manufacturing	Perm. C.O.
ZONE:	Address: DBA "Spring Air"	Date Issued
ENERGY: TEC _____ WSEC _____	Phone: Same As Above Tac. 98421	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date: 922955--6/26/92	Permit No./Date:	Permit No./Date:
Val/Descr. of Work: $13,000	WC ____ TUB ____ BASIN ____ SINK ____	For:
Relocated support columns &	AWN ____ WH ____ FLR DR ____ SHWR ____	
install support beam on 2nd	URIN ____ ADW ____ BWV ____ PRV ____	Ht Pump ____ A/A Ht Exch ____ Ht Type ____
story of plant to accomdate	OTHER	Contractor:
installation of new machine.	Contractor:	Phone:
Contractor: owner above		
Address:	Phone:	**INSPECTIONS**
Phone: 383-2415	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation: 7-21-92 [illegible]	Rough:	
Framing: 8-18-92 [illegible]		
ENERGY:		
FINAL: 8-18-92 [illegible]	FINAL:	FINAL:

PWK 4130 0005 (02/92) M1 a

S/W Permit/Date Issued _____

SANITATION PERMIT

Bldg.
Address _____

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

SEWER OR SEPTIC TANK DIAGRAM

Date

Permit No.

Inspected:

Date _____

By _____

Contractor

BUILDING INSPECTION RECORD

Bldg. Address 725 E. 25th St.	Owner: Joe Young	Perm. C.O.
ZONE:	Address: 509 63rd Ave. Ct. NE	Date Issued
ENERGY: TEC _____ WSEC _____	Phone: Tacoma 98422	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date: BLD99-01062 6/28/99	Permit No./Date: PLM99-00442 6/28/99	Permit No./Date: MEC99-00487 6/28/99
Val/Descr. of Work: $ 25,000	WC 6 TUB ___ BASIN 4 SINK ___	For: Mechanical TI for clothing manu-
Remodel interior to create bathroom	AWM ___ WH 1 FLR DR ___ SHWR ___	facturing(BLD99-01026)
for Han Joe Ro LLC(clothing manu-	URIN ___ ADW ___ BWV ___ PRV ___	Ht Pump ___ A/A Ht Exch ___ Ht Type ___
facturing).	OTHER	Contractor: Schweger Enterprises
Contractor: Schweger Enterprises	Contractor: Schweger Enterprises	Phone: (253) 535-0800
Address: 8717 S. Hosmer "B"	Phone: (253) 535-0800	**INSPECTIONS**
Phone: (253) 535-0800 Tacoma 98444	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation: Check Tidemark	Rough:	
Framing: for remainder of	6/29/99 2nd Fl. Rough	
ENERGY: inspection history		
FINAL:	FINAL:	FINAL:

PWK 4130 0005 (06/92) M1 a

S/W Permit/Date Issued _____

SANITATION PERMIT

Bldg.
Address _____

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

Date

Contractor

SEWER OR SEPTIC TANK DIAGRAM

Permit No.

Inspected:

Date _____

By _____

BUILDING INSPECTION RECORD

Bldg. Address 725 E. 25th Str.	Owner: Spring Air Northwest	Perm. C.O.
ZONE:	Address:	Date Issued
ENERGY: TEC _____ WSEC _____	Phone:	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date: 941642--5/20/94	Permit No./Date:	Permit No./Date:
Val/Descr. of Work: $28,160.	WC ____ TUB ____ BASIN ____ SINK ____	For:
Strip & reroof portion of	AWM ____ WH ____ FLR DR ____ SHWR ____	
commercial bldg.	URIN ____ ADW ____ BWV ____ PRV ____	Ht Pump ____ A/A Ht Exch ____ Ht Type ____
	OTHER	Contractor:
Contractor: Waynes Roofing Inc.	Contractor:	Phone:
Address: 13105 Houston Rd	Phone:	**INSPECTIONS**
Phone: Sumner 98390 863-4455	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation:	Rough:	
Framing:		
ENERGY:		
FINAL: 6 16 94 w	FINAL:	FINAL:

PWK 4130 0005 (06/92) M1 a

S/W Permit/Date Issued _____

SANITATION PERMIT

Bldg.
Address _____

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

Date

Contractor

SEWER OR SEPTIC TANK DIAGRAM

Permit No.

Inspected:

Date _____

By _____

CITY OF TACOMA

INTER-DEPARTMENTAL COMMUNICATION

To: Tony Kolar - Prin Prof Civ Engr
Public Works Division

From: Ted Magnusson, Sanitation Representative

Subject: Pertinent information relating to Sanitary Sewers at Carman Manufacturing Company located at 725 East 25th Street.

Date: 12-7-70

Puyallup Avenue

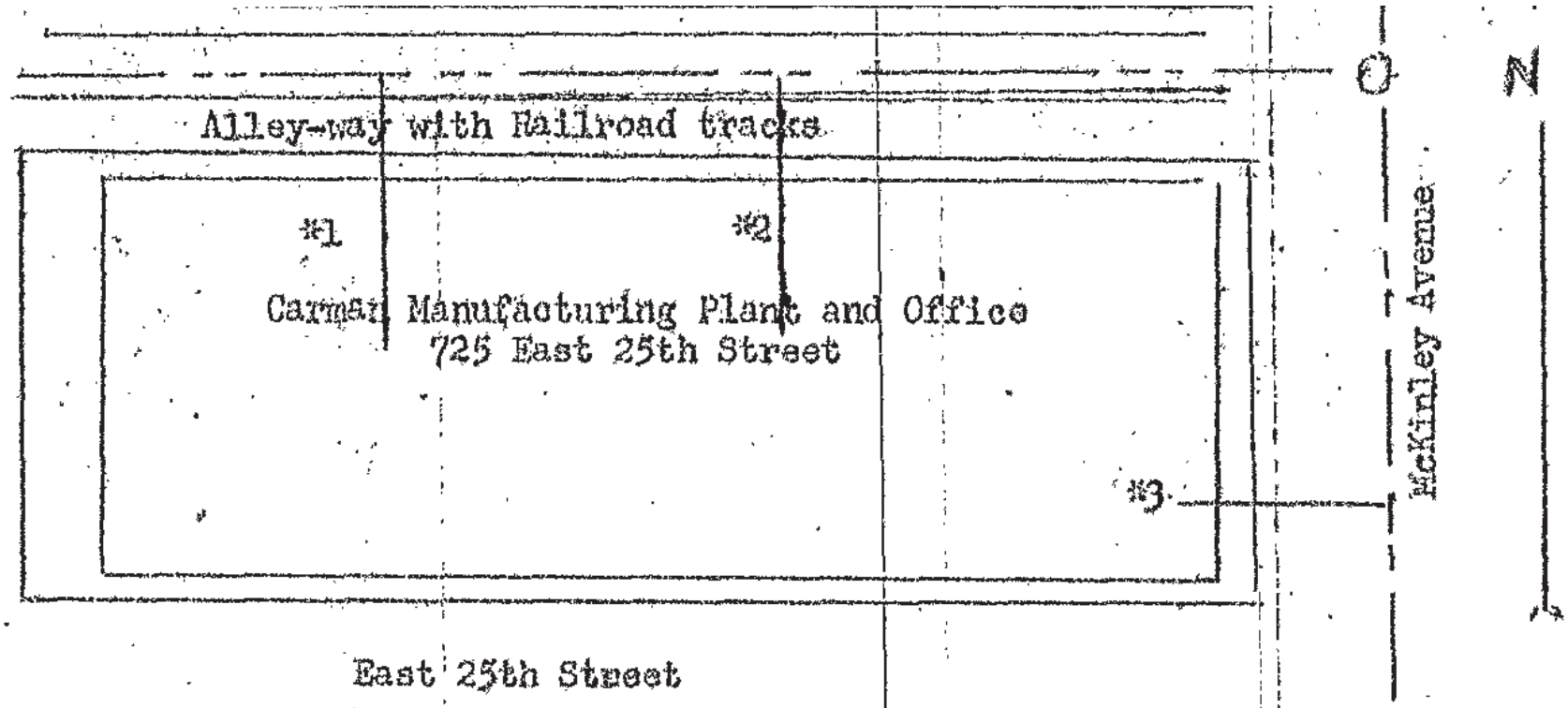

*1 - 2 facilities on 1st floor - 1 facility 2nd floor
*2 - 1 facility 2nd floor level
*3 - 2 facilities on ground floor (Office)
Note: I could not acertain for sure that office facilities flow to McKinley Sanitary sewer or to Alley sewer run. (*3)

cc Kolar
Brown
Brunb

L. Ketcham
Lyman Ketcham, Superintendent Sewer Utility

Ted Magnusson
Ted Magnusson
Sanitation Representative

SAFETY PAYS —— YOU!

BUILDING INSPECTION RECORD

BUILDING ADDRESS 725 East 25th St.

LESSEE

OWNER Carman Mfg. Co.

OWNER'S ADDRESS

ZONE

BUILDING PERMIT

DATE 8-29-83 NO. 833118

NATURE OF WORK $39,500

Strip & reoof with class A.

FOUNDATION

CHIMNEYS

FRAMING

GARAGES

CONTRACTOR Wayne's Roofing 847-9148

PLUMBING PERMIT

DATE NO.

WATER-CLOSETS	BATH TUBS	WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HEATER	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN

CONTRACTOR

INSPECTION

BUILDING FINAL ok 10/12/84 LMT.

PLUMBING

ROUGH

FINAL

HEATING

FINAL

SEWER OR SEPTIC TANK

PWK 4130 0005 (09/76)

725 East 25th St.

HEATING PERMIT

DATE	12-20-83	NO.	834656
DATE	12-23-84	NO.	840289

WATER-HEATER	RANGE	SPACE-HEATER	BASEMENT FURNACE	COUNTER-FLOW FURNACE	FLOOR-FURNACE	HORIZONTAL FURNACE	WALL-FURNACE	BOILER	CONVERSION BURNER		
	AIR TANK										
	AIR TANK REPAIR-#840289										

CONTRACTOR

Lovoll Boiler 474-2466

SANITATION PERMIT

DATE NO.

SEWER OR SEPTIC TANK DIAGRAM

CONTRACTOR

ELEVATOR

BUILDING INSPECTION RECORD

ADDRESS	OWNER Carman Manufacturing	ZONE M 2
725 East 25th		
BUILDING PERMIT	PLUMBING PERMIT	INSPECTION
DATE 8-7-70 NO. E 35625	DATE NO.	BUILDING ~~FINAL~~ 6/24/76
		No record of final insp.
NATURE OF WORK $1500		PLUMBING
Repairs on freight elevator		ROUGH
FOUNDATION hoist Ropes		FINAL
Gov. Rope Regroove		
CHIMNEYS Drive sheave		HEATING
Test safety inst. sos.		FINAL
FRAMING		
		SEWER OR SEPTIC TANK
GARAGES		
Montgomery Elevator Co. 903 Western Ave., Seattle		
CONTRACTOR 98104	CONTRACTOR	

WATER-CLOSETS	BATH TUBS	WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HTR.	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN		

3-10-61

HEATING PERMIT

DATE | No.

DATE | No.

WATER-HTR.	RANGE	SPACE-HTR.	BASEMENT FURNACE	COUNTER-FLOW FURNACE	FLOOR-FURNACE	HORIZONTAL FURNACE	WALL-FURNACE	BOILER			

CONTRACTOR

SANITATION PERMIT

DATE | No.

SEWER OR SEPTIC TANK DIAGRAM

CONTRACTOR

BUILDING INSPECTION RECORD

Bldg. Address 725 East 25th St	Owner: Carman Mfg Co	Perm. C.O.
ZONE:	Address:	Date Issued
ENERGY: TEC ____ WSEC ____	Phone:	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date: B89002561--6/27/89	Permit No./Date:	Permit No./Date: 890319--9/12/89
Val/Descr. of Work: $8,000	WC ____ TUB ____ BASIN ____ SINK ____	For: boiler repair
Construct stairway in office	AWM ____ WH ____ FLR DR ____ SHWR ____	
	URIN ____ ADW ____ BWV ____	Ht Pump ____ A/A Ht Exch ____ Ht Type ____
	OTHER	Contractor: C H Murphy/Clark Ullman
Contractor: A E Berger Const Co	Contractor:	Phone: 475-6544
Address: ~~121 East 121st~~ Tacoma, WA 98445	Phone:	**INSPECTIONS**
Phone: 531-9001	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation: EXPIRED	Rough:	EXPIRED JAN 10 2000 NULL AND VOID BY LIMITATION. By
Framing: JAN 10 2000		
ENERGY: NULL AND VOID BY LIMITATION. By		
FINAL:	FINAL:	FINAL:

PWK 4130 0005 (02/86)

S/W Permit/Date Issued _____

SANITATION PERMIT

Bldg.
Address

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

Date

Contractor

SEWER OR SEPTIC TANK DIAGRAM

Permit No.

Inspected:

Date

By

INSPECTION RECORD

ZONE M 1

ADDRESS 725 East 25th PLAN FILE C.O. DATE

PERMIT		NATURE OF PERMIT	INSPECTIONS		
DATE	NO.		ROUGH FORMS	FRAME	FINAL
6-15-60	A3442	SEWER: See other card			
8-11-60	E7931	BLDG: Set steel tank $500			
		(Carmen Mfg Co. by Alpa Corp.)			8-15-60 RB
8-11-60	A6853	HTG: Boiler w/7000 gal oil tank			
		(Carman Mfg by H-K Western)			8-19-60 CLH
8-26-60	E8066	BLDG: Enclose boiler & fireproof $500		9-6-60 JF	12-20-60 JF
7-15-63	E16120	BLDG: Preparation for installing			
		conveyors $500 (by Grinnell Constr.)			4-17-64 JF
10-29-63	A13412	HTG: 19 unit heaters (by Weber Plbg/Htg)			5-4-64 RP
9-20-63	E16693	BLDG: Bring freight elevator to Code			
		(by Montgomery Elevator Co.)			OK-D Larson
11-18-63	E17097	BLDG: Rainproofing West end of bldg;			
		close in windows $500 (by Grinnell)		11-18-63 JF	1-10-64 JF
2-24-64	E17661	BLDG: Maintenance shop in factory $600	(by Grinnell)		4-17-64 JF

ADDRESS 725 East 25th

PERMIT DATE	PERMIT NO.	NATURE OF PERMIT	INSPECTIONS ROUGH FORMS	FRAME	FINAL
4-16-64	E18096	BLDG: Openings for new doors $500			
		(Carman Mfg by Grinnell Constr.)			4-17-64 JF
10-29-65	E22245	BLDG: Partial reside/factory bldg $18,000 by Grinnell			2-21-66 JF
1-6-66	E22584	BLDG: Fire exit in mfg plant $1500	"	1-18-66 JF	2-21-66 JF
			Parapet O.K.:1-18-66 JF		
9-6-67	E26934	BLDG: Replace sills $1500			
		(Carman Mfg by Grinnell Constr.)	9-11-67 JF		7-1-68 JF
10-31-68	A24681	HTG: Piping (by Hurley Engineering)			11-1-68 RP
8-21-70	E35748	BLDG: Re-siding & re-roofing $15,000		8-27-70 JF	3-2-71 JF
		(J. L. Carman by Grinnell Constr.)			
12-7-70	-----	SEWER INFO: See 8½ x 11 sheet			
9-29-71	E38879	BLDG: Loading dock III $3500 (Grinnell)	12-14-71 LC		
			12-30-71 JF		1-14-72 JF
3-29-72	E40287	BLDG: Re-side S & E sides of mfg bldg			
		$22,000 (by Grinnell)		6-9-72 JF	8-22-72 JF
		Continue on Card 2			

BUILDING INSPECTION RECORD

Bldg. Address 725 E. 25th St.	Owner: D B A Spring Air NW Carman MFG Co.	Perm. C.O.
ZONE:	Address: 725 E. 25th St.	Date Issued
ENERGY: TEC _____ WSEC _____	Phone: Tacoma 98421	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date:	Permit No./Date:	Permit No./Date:
Val/Descr. of Work:	WC ____ TUB ____ BASIN ____ SINK ____	For:
	AWM ____ WH ____ FLR DR ____ SHWR ____	
	URIN ____ ADW ____ BWV ____ PRV ____	Ht Pump ____ A/A Ht Exch ____ Ht Type ____
	OTHER	Contractor:
Contractor:	Contractor:	Phone:
Address:	Phone;	**INSPECTIONS**
Phone:	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation:	Rough:	
Framing:		
ENERGY:		
FINAL:	FINAL:	FINAL:

PWK 4130 0005 (06/92) M1 a

S/W Permit/Date Issued _____

SANITATION PERMIT

Bldg. Address 725 E. 25th St.

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

SEWER OR SEPTIC TANK DIAGRAM

Date 2/24/99 Permit No. SWR99-00164

Connect effluent pipe from pretreatment vault to existing side sewer. A discharge meter on effluent pipe of pretreatment equipment has been approved by Al Aplin & Mike Kennedy. See attached e-mails.

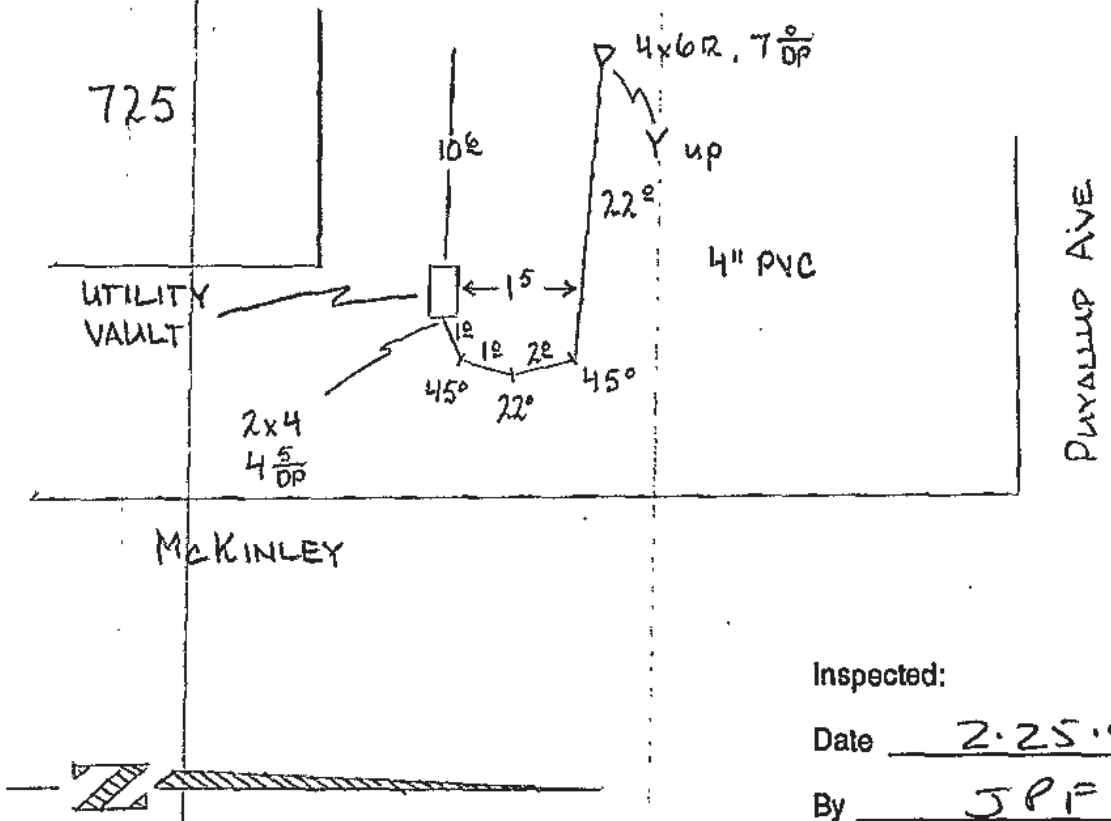

Inspected:

Date 2·25·99

By JPF

Contractor Clean Service Company Inc. 432-8005

SANITATION RECORD

BUILDING ADDRESS: 725 EAST 25TH STREET

SAP NUMBER: 400000599881 DATE ISSUED: 10/21/05

CITY OF TACOMA - Construction Division

SIDE SEWER DRAWING

CONTRACTOR:
MARK'S BACKHOE

INSPECTED BY:
H. VONDETTI

DATE INSPECTED:
10/24/05

COMMENTS:

STATUS:

( ) NEW

(X) REPAIR

( ) OTHER

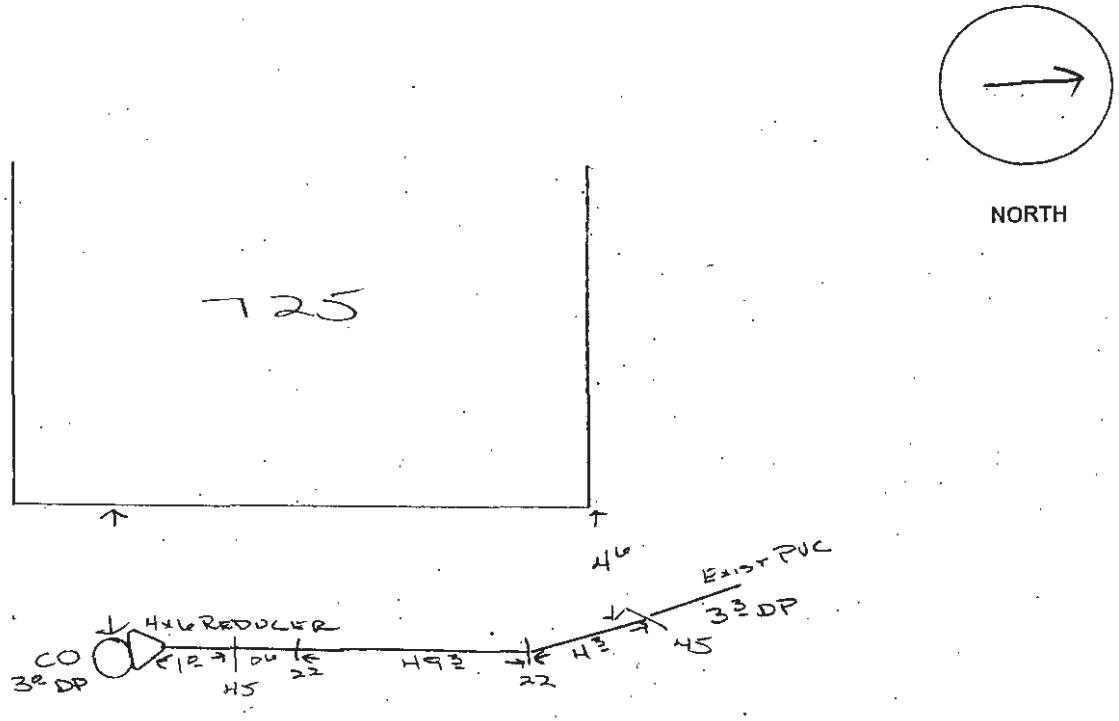

BUILDING INSPECTION RECORD

Bldg. Address 725 E. 25th St.	Owner: Spring Air Mattress Co.	Perm. C.O.
ZONE:	Address:	Date Issued
ENERGY: TEC _____ WSEC _____	Phone:	ZONE:
BUILDING PERMIT	**PLUMBING PERMIT**	**MECHANICAL PERMIT**
Permit No./Date:	Permit No./Date:	Permit No./Date: 924166--9/2/92
Val/Descr. of Work:	WC ___ TUB ___ BASIN ___ SINK ___	For: 1 Boiler Repr
	AWM ___ WH ___ FLR DR ___ SHWR ___	
	URIN ___ ADW ___ BWV ___ PRV ___	Ht Pump ___ A/A Ht Exch ___ Ht Type ___
	OTHER	Contractor: CH Murphy/Clark-Ullman
Contractor:	Contractor:	Phone: 475-6566
Address:	Phone:	**INSPECTIONS**
Phone:	**INSPECTIONS**	Duct Work:
INSPECTIONS	Ground Work:	Rough: EXPIRED
Foundation:	Rough:	JAN 1 8 2000
Framing:		NULL AND VOID BY LIMITATION. By PL
ENERGY:		
FINAL:	FINAL:	FINAL:

PWK 4130 0005 (06/92) M1 a

S/W Permit/Date Issued _____

SANITATION PERMIT

Bldg.
Address _____

SUPPLEMENTAL INSP. RECORD

BUILDING:

SPRINKLER:

ENERGY:

PLUMBING:

MECHANICAL:

Date

Contractor

SEWER OR SEPTIC TANK DIAGRAM

Permit No.

Inspected:

Date _____

By _____

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Marvin D. Boland Collection BOLAND-B16360 ...

Item Description

Title
Marvin D. Boland Collection BOLAND-B16360

Description
This section of East 25th St. in 1927 contained several businesses located side-by-side. From L-R: Tacoma Biscuit & Candy Co. (601-605 E. 25th); Olympic Ice Cream Co. (615-617 E. 25th); Olympic Ice Co. (619-623 E. 25th) and the Carman Mfg. Co., a furniture and mattress factory, at 701-723 E. 25th. Several cars, including at least one delivery truck, are parked outside the buildings. G57.2-040; TPL-2405

Subjects
Commercial streets--Tacoma--1920-1930; Streets--Tacoma--1920-1930; Automobiles--Tacoma--1920-1930; Tacoma Biscuit & Candy Co. (Tacoma); Olympic Ice Cream Co. (Tacoma); Olympic Ice Co. (Tacoma); Carman Manufacturing Co. (Tacoma);

Image Date
1927-02-10

Decade
1920s (/digital/collection/p17061coll21/search/searchterm/1920s/field/decade/mode/exact/conn/and)

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Image type
Jpeg Image (/digital/collection/p17061coll21/search/searchterm/Jpeg%20Image/field/image/mode/exact/conn/and)

Print type
8x10"

Local identifer
55\37576.jpg

Collection
Marvin D. Boland Collection
(/digital/collection/p17061coll21/search/searchterm/Marvin%20D.%20Boland%20Collection/field/source/mode/exact/conn/and)

Series
Marvin D. Boland Collection BOLAND
(/digital/collection/p17061coll21/search/searchterm/Marvin%20D.%20Boland%20Collection%20BOLAND/field/series/mode/exact/conn/and)

More Information
About the Image Archive

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37576.jpg

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Cleanup Site Details

Cleanup Site ID: 5476

Cleanup Site ID: 5476 **Facility/Site ID:** 9111625 **UST ID:** 6904 Site Page Site Documents View Map

Cleanup Site Name: SPRING AIR NORTHWEST Glossary

Alternate Names: CARMAN MFG CO, SPRING AIR NORTHWEST, SPRING AIR NW CARMAN MFG CO, SPRING AIR NW DIV CARMAN MFG CO

LOCATION

Address: 725 E 25TH ST **City:** TACOMA **Zip Code:** 98421 **County:** Pierce

Latitude: 47.24085 **Longitude:** -122.42451 **WRIA:** 10 **Legislative District:** 27 **Congressional District:** 9 **TRS:**

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** Yes

Statute: MTCA **NFA Date:** N/A **Current VCP?** Yes **Past VCP?** Yes

Site Rank: N/A **NFA Reason:** N/A **Brownfield?** No

Site Manager: Meng, Sam **Responsible Unit:** Headquarters **Active Institutional Control?** No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
SPRING AIR NW-DIV CARMAN MFG CO	Upland	Cleanup Started	HQ	Meng, Sam	Standard Voluntary Cleanup Program

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
There are no current Institutional Controls in effect for this site.						

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Petroleum Products-Unspecified		C				
Petroleum-Other	C					
Polychlorinated biPhenyls (PCB)	B					

Key:
B - Below Cleanup Level C - Confirmed Above Cleanup Level RA - Remediated-Above
S - Suspected R - Remediated RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Site Discovery/Release Report Received	Completed		6/24/1998
Initial Investigation / Federal Preliminary Assessment	Completed		6/24/1998
LUST - Notification	Completed		9/8/1998
VCP Opinion on Remedial Investigation Work Plan	Completed	9/8/1998	5/18/2006
LUST - Site Assessment Report	Completed		9/22/1998
LUST - Site Assessment Report	Completed		9/22/1998
LUST - Site Assessment Report	Completed		10/7/1998

Cleanup Site Details

Cleanup Site ID: 5476

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
VCP Opinion on Remedial Investigation	Completed	11/9/2006	12/28/2006
VCP Opinion on Remedial Investigation	Completed	5/29/2007	6/15/2007
VCP Opinion on Remedial Investigation Work Plan	Completed	12/20/2007	3/11/2008
VCP Receipt of Plan or Report	Completed		7/19/2010
VCP Status Request	Completed	4/14/2015	7/25/2016
VCP Receipt of Plan or Report	Completed		7/27/2016
VCP Receipt of Plan or Report	Completed		10/11/2016

Underground Storage Tank System Summary

UST ID: 6904

Site Name: SPRING AIR NW DIV CARMAN MFG CO							Glossary
UST ID:	6904	**Facility/Site ID:**	9111625	**Latitude:**	47.24085	**Active Tag(s):**	N/A
Address:	725 E 25TH ST			**Longitude:**	-122.42451	**Responsible Unit:**	Southwest
	TACOMA, WA 98421			**County:**	Pierce		

Tank Summary

Tank Name	Tank Status	Tank Install Date
1	Removed	12/31/1964

Tank Name: 1			**Tank Status:** Removed
Tank Installation:	12/31/1964	**Tank Upgrade:**	**Business License Endorsement Expiration:**
Tank Status Date:	8/6/1996	**Piping Installation:**	**Tank Permanently Closed Date:**

Tank Information	Piping Information
Material:	**Material:**
Construction:	**Construction:**
Corrosion Protection:	**Corrosion Protection:**
Manifolded Tank:	**SFC* at Tank:**
Release Detection:	**SFC* at Dispenser/Pump:**
Tightness Test:	**Primary Release Detection:**
Spill Prevention:	**Secondary Release Detection:**
Overfill Prevention:	**Pumping System:**
Actual Capacity:	**Turbine Sump Construction:**
Capacity Range:	*SFC = Steel Flex Connector

Compartment	Substance Stored	Substance Used	Capacity
1			

ECI environmental services
www.ecocononline.com
Anchorage | Tacoma | Portland

October 10, 2016

Mr. Joe Carman
c/o Spencer Law Firm
1326 Tacoma Avenue South
Tacoma, Washington 98402

Re: **Remedial Investigation Workplan**

Spring Air Northwest
725 East 25th Street
Tacoma, Washington

Mr. Carman:

EcoCon, Inc. (ECI) appreciates the opportunity to submit this Remedial Investigation Workplan for the property located at 725 East 25th Street in Tacoma, Washington (the Property). It is our understanding that the Washington State Department of Ecology (Ecology) recently issued a letter titled "Request for Information on Status of VCP Project", dated April 14, 2015 (Attached). This letter specifically requests the following information:

- Cleanup Status Report;
- Any Reports Documenting the Cleanup; and,
- Plan and Schedule for Completing the Cleanup.

Per your request, ECI competed a review of all available records relating to environmental work completed the Property and is prepared to produce a Cleanup Status Report and provide any available environmental reports not already submitted to Ecology. ECI's review, as summarized in this proposal, also identified the first steps necessary to communicate a plan and schedule for completing the cleanup.

In order to evaluate cleanup alternatives, Ecology requires that the "Site" is fully defined. The Site is defined by Ecology as the full vertical and lateral extent of contamination resulting from a release of hazardous substances. In this instance, the impacts to soil and groundwater from a release of petroleum hydrocarbons associated with the former fueling station on the northwest corner of the Property. As described below, Ecology has determined that this Site is not currently defined.

Site Location and Description

The Property consist of a single tax parcel (Pierce County #2075270010), currently improved with a manufacturing building and parking lot in the upland edge of the industrial Tacoma Tideflats area. Land use in the vicinity includes rail yards, a transit station, train station, and industrial and commercial businesses.

Historical use of the Property, on the portion where the current 1891-vintage building exists, has included manufacturing (furniture and mattress), a warehouse company, and a heating and boiling company. The area of the Property currently utilized for parking was developed by at least 1896, and has included lumber/wood storage, part of a sawmill and engine shop, a fuel and service station, and a restaurant.

Previous Environmental Investigations

Previous research has uncovered the following recognized environmental conditions (RECs) associated with the Site: three underground storage tanks (USTs) associated with the gasoline service station in the northwest corner of the Site, a storage area for varnish and oil in the vicinity of the current parking garage, and a UST that fueled the building's boiler.

Heating Oil UST

Environmental investigative and remedial activities began in 1986, with the reporting of one UST on the Property, associated with the boiler at the manufacturing facility. This approximately 7,000-gallon diesel UST is located under the current building and was closed in place in 1989 by Don Golden Company. One soil sample was collected from the UST area and analyzed for TPH. The soil sample contained a reported TPH concentration of 53.2 mg/kg, below the Model Toxics Control Act (MTCA) Cleanup Level of 2,000 mg/kg.

A Level I Site Assessment was later conducted by Creative Environmental Technologies, Inc. (CETI). Three soil borings were advanced in the vicinity of the former boiler, which confirmed significant free-phase hydrocarbon contamination in two of the three borings.

In August 1998, CETI conducted a Level II site assessment to further investigate environmental concerns identified in the Level I assessment. Thirty three borings were drilled in the boiler UST area north of the building, one test pit adjacent to the factory building (the exact disposition is unknown), one temporary monitoring well, and three permanent monitoring wells were installed (MW3 through MW5). Selected soil samples were analyzed for DRO, ORO, chlorinated solvents, PCBs, total metals, volatile organic compounds (VOCs), and polycyclic aromatic hydrocarbons (PAHs). Visible free product was encountered in several borings (B1, B4, B5, B6, B10, B17, B19, and B22) and a lens of diesel/heating oil was identified between five and eight feet bgs. The concentration of DRO in B1, which was used as a temporary monitoring well, exceeded the MTCA Method A cleanup level at 41,500 µg/L. Additional analysis of the soil sample from B31 included EPH/VPH and PAH analysis, which confirmed diesel as the predominant hydrocarbon at the Site. B31 contained concentrations of DRO in excess of MTCA Method A cleanup levels, and cPAH concentrations in slight excess of the Method B cleanup levels for benzo[a]anthracene, chrysene, and benzo[a]pyrene.

The Site was entered into the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program (VCP) in September 1998, with a request for opinion on a proposed remedial action. Ecology approved CETI's November 1998 Cleanup Action Plan (CAP), which utilized the remedial alternative of removing contaminated soil outside the building and using a pump and treat system inside the building,

with possible bioventing later on. Quarterly groundwater monitoring was approved for five years (monthly for the first six months).

Following the Level II site assessment, CETI excavated the diesel-contaminated soil from the parking lot and up to within several feet of the north and east walls of the building. A total of 2,804 tons of contaminated soil was transported offsite for disposal. Diesel-contaminated soil remained under the building, so an impermeable geomembrane was installed vertically between the contaminated soil in place near the building and the clean fill material. The pump and treat system outlined in the CAP was approved by Ecology and installed by CETI in 1999 to remove the remaining free-phase hydrocarbons from the Site. Six recovery wells were installed inside the building (RW1 through RW6) and two were installed outside, near the northeast corner of the building (RW7 and RW8). Approximately 100 gallons of free product were sequestered during the two years the pump and treat system was in operation. In April 2001, the system was shut off and the pumps were removed from recovery wells, due to the results of groundwater sampling and reduced amount of product recovery. Several years of groundwater monitoring was then conducted by Sound Environmental Strategies (SES), which effectively shows a stable groundwater plume which is laterally defined.

In September 2006, a prospective purchaser of the Property contracted a Phase I and II Environmental Site Assessment at the Site from Swift Creek Environmental (SCE). Piezometers were installed as part of the investigation to determine groundwater flow at the Site. SCE performed a limited subsurface investigation which included the collection of groundwater samples from existing monitoring wells (RW-2 and MW-4) on March 27, 2006, and groundwater and soil samples from recently installed temporary piezometers (MWA and MWB), boring B-3, and existing monitoring well MW-4. One soil sample was collected from B-3 (northwest of the former boiler), MWA, and MWB and analyzed for DRO, VOCs, semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and Resource Conservation and Recovery Act (RCRA) metals, including arsenic, barium, cadmium, chromium, lead, mercury, silver, and selenium. Groundwater samples were collected and analyzed for DRO, VOCs, SVOCs, PCBs, and RCRA metals. SCE concluded metals concentrations were consistent with background levels in soil. No PCBs, SVOCs, or VOCs were detected in soil. The groundwater samples collected from MWA and MWB contained concentrations of DRO and ORO in excess of the MTCA Method A Cleanup Level.

Gasoline Service Station

As part of the Level I Site Assessment conducted by CETI in 1998, a geophysical survey was conducted by Apollo Geophysics in July 1998 in the area of the former service station. The geophysical survey identified three USTs: one 550-gallon, one 1,000-gallon, and one 2,000-gallon tank. The USTs were removed by Environmental Tank Services (ETS) under the direction of CETI in July 1998. Soil impacted with concentrations of diesel-, oil-, and gasoline- range organics (DRO, ORO, and GRO) below MTCA Method A cleanup levels was encountered in the fill material of the removed gas station USTs. Confirmation soil samples from the UST basin excavation indicated concentrations of all analytes below laboratory reporting limits (non-detect) and well below MTCA Method A cleanup levels.

In an effort to further characterize the release identified in the area of the former fueling station, Environmental Management Services (EMS) advanced four borings (B1 through B4) to twelve feet bgs in

the northwest corner of the Property. Soil and groundwater samples were collected and analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), GRO, DRO, and ORO. Selected samples were also analyzed for the presence of VOCs, PAHs, PCBs, and metals (arsenic, cadmium, chromium, lead, and mercury). GRO was detected at a concentration exceeding the MTCA Method A cleanup level in soil samples collected from boring B4. Groundwater collected from B4 also contained concentrations of DRO and ORO exceeding MTCA Method A cleanup levels. Groundwater collected from B1, B3, and B4 contained concentrations of lead in excess of the MTCA Method A Cleanup Level of 15 ug/L and the groundwater sample collected from B3 contained a concentrations of chromium exceeding the MTCA Method A cleanup level.

On June 15, 2007 Ecology provided an opinion on the completed remedial actions for the Site, which concluded that further characterization was necessary to adequately define the contamination associated with the former service station. Specifically:

- Petroleum hydrocarbon contamination in soil;
- Metals in soil;
- Petroleum hydrocarbons in groundwater;
- Volatile organic compounds in groundwater; and,
- Metals in groundwater.

Ecology suggested that groundwater monitoring wells should be installed in order to define the extent of this contamination. Ecology's opinion letter is attached to this proposal.

PROPOSED SCOPE OF WORK

Focused Subsurface Investigation

Included in this FSI will be the survey and identification of subsurface utilities, and the collection and analysis of soil and groundwater samples from multiple locations in the area of the former service station. ECI also proposes to collect groundwater samples from the existing well network originally installed to define the nature and extent of the DRO and ORO contamination. ECI will then compile the data acquired and complete a detailed report providing the FSI findings, opinions and recommendations.

Pre-Sampling Activities

- Public and Private utility location identification at the Site
- Preparation of Site-Specific Health and Safety Plan (HASP)

Limited Geophysical Survey

Prior to completing the sample collection portion of the project, ECI will complete a thorough non-invasive geophysical survey of the Site, using electromagnetic survey techniques. The intent of the limited geophysical survey is to locate and trace subsurface utilities and other buried equipment and "clear" each boring location.

Sample Collection

ECI will complete up to eight (8) borings using direct push sampling techniques as shown on the attached "Figure 3". Exact boring locations will be determined in the field by a qualified environmental professional based on geophysical survey data, utility locations and site observations. All drilling will be completed by a licensed driller as required in Washington Administrative Code (WAC) 173-160.

Soil will be field-screened utilizing olfactory techniques and physical observations such as soil staining and sheen presence prior to sample collection. Soil samples locations will be determined in the field by a qualified environmental professional. All soil samples will be collected in accordance with industry standard sampling techniques.

If groundwater is encountered, samples will be collected using industry standard techniques, including the use of low flow sampling equipment and disposable (single-use) polyethylene and silicon tubing.

Following collection, each discrete sample will be placed in new, laboratory provided containers and assigned unique sample identification numbers (e.g. B1-4'-022514). Volatile Organic Compounds (VOC) soil samples will be collected using the Washington State Department of Ecology (Ecology) -required Environmental Protection Agency (EPA) 5035 sampling collection method. Samples will then be placed into a container maintained at 4° Celsius until delivered to an on-site mobile laboratory.

Based on the results of the soil and groundwater samples, four of the eight soil borings will be completed as 1-inch diameter resource protection wells constructed of 5 feet of blank PVC casing, flush-threaded to approximately 10 feet of 0.010-inch slotted well screen. The depth of the slotted well screen section may vary and will be determined by a qualified environmental professional based on the observed soil groundwater interface.

ECI will collect groundwater samples from the newly installed wells in addition to those already installed on the Property. Based on the most recent groundwater sampling event conducted by SES, ECI understands there are 13 monitoring existing wells or recovery wells which can be accessed and sampled.

Groundwater samples will be collected in accordance with American Society of Testing and Materials (*ASTM) Guideline* D6771-02 "*Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations*".

ECI field staff will follow the procedures described below when collecting groundwater samples:

- The cap from the monitoring well will be removed and the groundwater level will be allowed to equilibrate to atmospheric pressure for a minimum of 20 minutes.
- The depth to groundwater in the monitoring well will be measured relative to the top of the well casing using an electronic water-level meter.
- Each monitoring well will be purged at a low-flow rate (100 to 300 milliliters per minute) using a peristaltic pump and dedicated polyethylene tubing. Temperature, and specific conductivity will be monitored during purging using a water quality meter to determine when these parameters stabilize.

Dissolved oxygen, oxidation-reduction potential, and pH will also be measured as they are important factors for the solubilization and mobilization of metals.

Regulatory Compliance

Regulatory compliance for this project is based on the WAC 173-340 –MTCA – Revised Code of Washington (RCW) Chapter 70.105D, implemented by Ecology. Pursuant to Chapter 70.105D RCW, Ecology has established cleanup standards and requirements for the cleanup actions (MTCA).

The rules establishing these standards and requirements were developed by Ecology in consultation with the Science Advisory Board (established under the Act) and with representatives from local government, citizen, environmental, and business groups. The rules were first published in February 1991, with amendments in January 1996, February 2001, and October 2007.

Contaminants of Concern & MTCA-A Cleanup Levels

Based on previous investigations and requirements outlined in Ecology's June 15, 2007 opinion letter, the contaminants of concern (COCs) at the Site are identified as: GRO; DRO; ORO; BTEX; select metals including arsenic, chromium, lead, and mercury; and VOCs.

The concentrations of these contaminants in the samples that will be collected for this FSI will be compared to the MTCA Method-A Soil CUL for Unrestricted Land Use and the Method-A Groundwater CUL, (MTCA WAC 173-340-900, Tables 740-1 (Soil) and 720-1 (Groundwater). These cleanup levels are presented below.

Table 1: Primary Contaminants of Concern

Method-A Cleanup Levels (MTCA-A) for Soil and Groundwater (MTCA Cleanup Regulation 173-340-900: Tables 720-1 and 740-1)		
Contaminant of Concern (COCs)	**Soil Cleanup Levels - mg/kg**	**Groundwater Cleanup Levels - µg/l**
Gasoline Range Organics (GRO)	100/30[1]	1,000/800[2]
Diesel Range Organics (DRO)	2,000	500
Oil Range Organics (ORO)	2,000	500
Benzene	0.03	5
Toluene	7	1,000
Ethylbenzene	6	700
Xylenes	9	1,000
Arsenic	20	5
Chromium VI	19	50
Chromium III	2,000	
Total Lead	250	15
Mercury	2	2
VOCs	Varies	Varies

[1] Gasoline Range Organics: Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture has a soil CUL = 100 mg/kg. All other gasoline mixtures have a soil CUL = 30 mg/kg. For groundwater, the CUL is 1,000 ug/l for gasoline mixtures without benzene and 800 ug/l for all other gasoline mixtures.

Sample Analysis

ECI expects up to 37 samples will be collected and analyzed during this primary investigation, 16 soil and 21 groundwater. Samples will be analyzed for site specific contaminants of concern outlined in Table 1. Should additional chemical analysis be warranted, ECI will provide recommendation and estimated costs for client authorization.

Analytical methodology will be consistent with Ecology and EPA criteria. All samples will be analyzed by a Washington State accredited laboratory.

Focused Subsurface Investigation Report

Following the receipt of sample analytical results ECI will prepare a focused subsurface investigation report, detailing site activities, sampling observations, and a summary of the laboratory analytical results.

Groundwater Monitoring Plan

Prior to the selection of an interim remedial action for the former gas station area, four consecutive quarters of groundwater samples will be collected from the 4 newly installed monitoring wells. Samples will be collected in accordance with American Society of Testing and Materials (*ASTM) Guideline* D6771-02 "*Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations*", along with the monitoring procedures described above.

Samples will be delivered to an Ecology accredited laboratory and analyzed for Site specific COCs discussed above. The proposed analytical methods are presented in the table below:

Contaminant of Concern	Analytical Method
Gasoline-range Organics (GRO)	NWTPH-Gx
Diesel-range Organics (DRO)	NWTHP-Dx
Oil-range Organics (ORO)	NWTPH-Dx
Benzene	EPA Test Method 8260C
Toluene	EPA Test Method 8260C
Ethylbenzene	EPA Test Method 8260C
Total Xylenes	EPA Test Method 8260C
Arsenic	EPA Test Method 7010 Series/6020/200.8
Chromium VI	SW846 7196A
Chromium III	EPA Test Method 7010 Series/6020/200.8
Total Lead	EPA Test Method 7010 Series/6020/200.8
Mercury	EPA Test Method 7010 Series/6020/200.8
VOCs	EPA Test Method 8260C

All chain-of-custody requirements will comply with industry standard operating procedures (SOPs) for sample handling. Sample documentation for custody purposes includes:

- Sample identification numbers,
- Sample labels,

- Custody seals,
- Chain-of-custody records,
- Field logbooks, and
- Analytical Records

The static depth to groundwater for the four monitoring wells will be measured each quarter prior to sampling to determine the groundwater elevation. The measured value will be subtracted from the elevation of the top of the monitoring well casings, which will be professionally surveyed after installation. Groundwater elevations will then be contoured and depicted on a figure with the relative flow direction and gradient.

ECI appreciates the opportunity to work with you on this project, should you have any questions please contact me directly at 805-680-4286.

Sincerely,

Brian A. Dixon
Vice President / Sr. Environmental Scientist

Encl:
Figure 3
Ecology Request for Information on Status of VDP Project dated April 14, 2015
Ecology Opinion Letter dated June 15, 2007

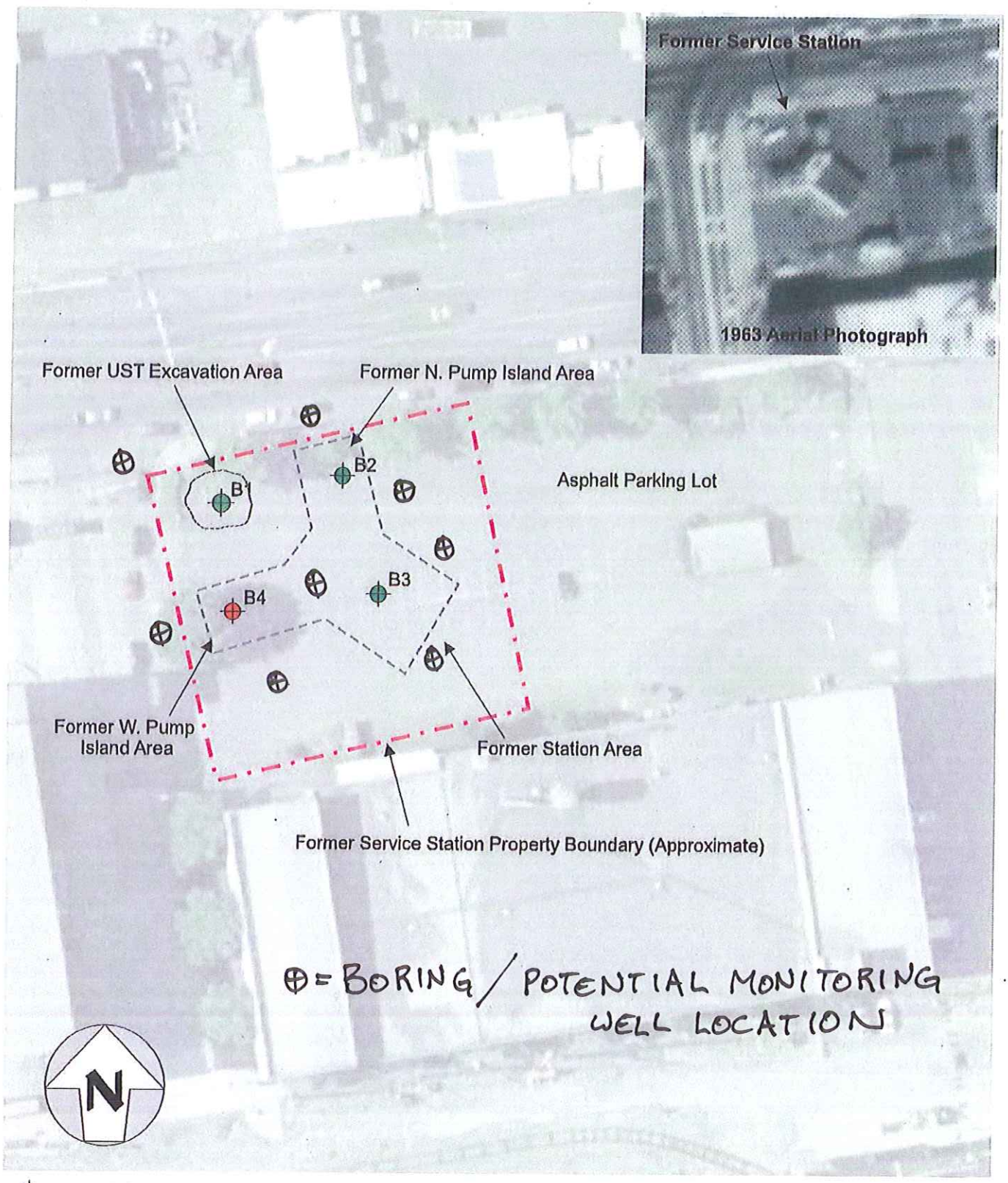

⊕B3 Soil & Groundwater sample location & Boring Identification

ems Environmental Services www.emsgroupllc.com	Sample Location Map Subsurface Investigation 704 Puyallup Avenue Tacoma, Washington	Date: October 2, 2006 Completed: S.Spencer Checked By: S.Spencer Version No: 001-100206	Figure No. 03

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

April 14, 2015

Mr. Dennis Kemp
Spring Air Northwest
c/o Mr. John R. Spencer,
Spencer Law Firm, LLC.
1326 Tacoma Ave. S., Suite 200
Tacoma, WA 98402

Re: Request for Information on Status of VCP Project for the following Site:

- **Site Name:** Spring Air Northwest
- **Site Address:** 725 E 25th St, Tacoma, WA 98421
- **Facility/Site No.:** 9111625
- **VCP Project No.:** SW0085

Dear Mr. Kemp:

The Department of Ecology (Ecology) appreciates your decision to clean up the Spring Air Northwest facility (Site) independently. However, our records indicate that you have not conducted any remedial actions during the past year at the Site. This letter requests information on the status of your cleanup and your continued interest in the Voluntary Cleanup Program (VCP).

Request for Information

Please submit the following information to Ecology within 30 days of the date of this letter:

1. Cleanup status report.

2. Any reports documenting the cleanup.

3. Plan and schedule for completing the cleanup.

Next Steps

Based on your response, Ecology will decide whether to continue providing you services under the VCP. We will notify you of our decision in writing. Please note that we will terminate the Agreement governing this Project if you do not respond to this request.

Contact Information

We are committed to working with you to accomplish the prompt and effective cleanup of the Site. If you have any questions about this request, please contact me at 360-407-7263.

Sincerely,

Thomas Middleton
VCP Site Manager
Toxics Cleanup Program, SWRO

By certified mail 70092250000190351392

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

CERTIFIED MAIL

June 15, 2007

Mr. Joe Carman
Spring Air NW
2626 Willamette Drive NE
Lacey, WA 98516

Re: Opinion under WAC 173-340-515(5) on Remedial Action(s) for the following Hazardous Waste Site:

- Name: Former Spring Air NW
- Address: 725 East 25th Street, Tacoma, Washington
- Facility/Site No.: 9111625
- VCP No.: SWO085

Dear Mr. Carman:

Thank you for submitting your site characterization report(s) for the Former Spring Air NW (Site) for review by the Washington State Department of Ecology (Ecology) under the Voluntary Cleanup Program (VCP). Ecology appreciates your initiative in pursuing this administrative option for cleaning up hazardous waste sites under the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

This letter constitutes an advisory opinion regarding whether the remedial action performed is sufficient to meet the specific substantive requirements of MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing and addressing the following release(s) at the Site:

- Petroleum Hydrocarbons in Soil;
- Volatile Organic Compounds in Soil (suspected);
- Polychlorinated biphenyls in Soil (suspected);
- Metals in Soil;
- Petroleum Hydrocarbons in Groundwater;
- Volatile Organic Compounds in Groundwater (suspected);
- Metals in Groundwater.

Ecology is providing this advisory opinion under the specific authority of RCW 70.105D.030(1)(i) and WAC 173-340-515(5).

This opinion does not resolve a person's liability to the state under MTCA or protect a person from contribution claims by third parties for matters addressed by the opinion. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). The opinion is advisory only and not binding on Ecology.

Ecology's Toxics Cleanup Program has reviewed the following information regarding your remedial action(s):

1. May 29, 2007, Environmental Management Services, LLC. Subsurface Investigation, 725 East 25th Street, Tacoma, Washington.

2. May 2, 2007, Sound Environmental Strategies. Groundwater Monitoring Report, First Semester of 2007, Former Spring Air NW Facility.

3. September 25, 2006, Swift Creek Environmental, Inc. Phase I & II Environmental Site Assessment, Han Jo Ro, LLC Property a.k.a. Spring Air NW Facility or Chami Design Inc. Property, 725 East 25th Street, Tacoma Washington 98421.

4. November 9, 2006, Sound Environmental Strategies. Groundwater Monitoring Report, Fourth Quarter of 2006, Former Spring Air NW Facility.

The reports listed above will be kept in the Central Files of the Southwest Regional Office of Ecology (SWRO) for review by appointment only. Appointments can be made by calling the SWRO resource contact, Debbie Nelson, at (360) 407-6365.

The Site is defined by the extent of contamination caused by the following release(s):

- Petroleum Hydrocarbons in Soil
- Volatile Organic Compounds in Soil
- Polychlorinated biphenyls in Soil
- Metals in Soil
- Petroleum Hydrocarbons in Groundwater
- Volatile Organic Compounds in Groundwater
- Metals in Groundwater

The Site is more particularly described in Enclosure A to this letter, which includes a detailed Site diagram. The description of the Site is based solely on the information contained in the documents listed above.

The groundwater monitoring for the Spring Air NW facility is being conducted according to an Ecology approved groundwater monitoring plan (May 18, 2006 Opinion Letter). Since the previous Opinion Letter (May 18, 2006), Ecology received the above referenced four reports. Two of these reports provide groundwater monitoring results for the Spring Air NW facility (southern portion of the site) and the other two reports primarily reported on investigation results for the northwest portion of the northern parcel. This parcel previously contained a gasoline service station.

Based on a review of the reports listed above, **Ecology has determined that the site characterization and remedial action associated with the former gasoline service station area <u>is</u> sufficient to meet the specific substantive requirements contained in MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing the following potential release(s) in the northern portion of the Site:**

- Volatile Organic Compounds in Soil (except benzene, toluene, ethylbenzene, and total xylenes: BTEX)
- Polychlorinated biphenyls (PCBs) in Soil

However, based on a review of the reports listed above, **Ecology has determined that the site characterization remedial action associated with the former gasoline service station <u>is not</u> sufficient to meet the specific substantive requirements contained in MTCA and its implementing regulations, Chapter 70.105D RCW and Chapter 173-340 WAC, for characterizing the following potential release(s) at the northern portion of the Site:**

- Petroleum Hydrocarbons in Soil (including BTEX)
- Metals in Soil
- Petroleum Hydrocarbons in Groundwater
- Volatile Organic Compounds in Groundwater
- Metals in Groundwater

The extent of total petroleum hydrocarbons –gasoline range (TPH-G) soil contamination needs to be defined. Two samples from boring B4 (7.0 to 8.0 and 8.5 to 9.0 foot depth below ground surface, bgs) exceeded the total petroleum hydrocarbons –gasoline range (TPH-G) MTCA Method A Cleanup Level for Unrestricted Uses. Also, as stated in the previous Opinion Letter, because the site lies within the Tacoma Smelter Plume, there is the potential for arsenic and/or lead soil contamination. Exposed soil at the site should be sampled for arsenic and lead.

Additionally, groundwater monitoring wells should be installed in order to define the extent of contamination from total petroleum hydrocarbons – diesel range (TPH-D), total petroleum hydrocarbons – heavy oil range (TPH-O), chromium, arsenic, and lead. Grab samples of groundwater from borings SC-TL-MWA and SC-TL-MWB exceeded the MTCA Method A Cleanup Level for TPH-D and TPH-O and results from boring SC-TL-MWB exceeded the Cleanup Level for total chromium and arsenic. Results from B4 (west pump island area) were above MTCA Method A Cleanup Level for TPH-D and TPH-O. Results from boring B1, B3, and B4 exceeded the Cleanup Level for total lead and results from B3 slightly exceeded the Cleanup Level for total chromium.

The Former Spring Air NW site is located downgradient of the adjacent Tacoma Dome Station site. Therefore, it is possible that the observed groundwater contamination is migrating from the Tacoma Dome Station site. Because the constituents of concern for the Tacoma Dome Station site included volatile organic compounds (VOCs), **VOCs should also be included in the constituent list for the site.** When groundwater monitoring wells are installed, samples should be conducted on a quarterly basis. Groundwater flow direction and gradient should be determined for each sampling event.

Please provide Ecology with a site characterization and remediation work plan for these issues and areas of concern within three months of the date of this letter. The plan should include proposed groundwater monitoring well locations and monitoring depths, analytical constituents, and sampling schedule.

It is our understanding that the property will be redeveloped into a residential condominium complex. If the contaminated soil beneath the former Spring Air NW building will not be removed as part of the redevelopment, then an Environmental Covenant (EC) (formerly called a "Restrictive Covenant") should be filed on the property. The EC will prohibit withdrawal of groundwater from the property, and will require notification to Ecology of any future property sale or building renovation or demolition so that the contaminated soil beneath the building can be addressed. A boilerplate EC will soon be available from our website: http://www.ecy.wa.gov/programs/tcp/vcp/Vcpmain.htm. After Ecology has reviewed and approved the EC, it will need to be filed with Pierce County.

In accordance with WAC 173-340-840(5) and Ecology Toxics Cleanup Program Policy 840 (Data Submittal Requirements), data generated for Independent Remedial Actions shall be submitted in both a written and electronic format. Additional information regarding electronic format requirements, see the website http://www.ecy.wa.gov/eim. All laboratory analyses shall be performed by the State of Washington Certified Laboratory for each analytical method used.

Please note that this letter does not provide an opinion on the sufficiency of any other remedial actions conducted at the Site or whether further remedial action is necessary to characterize and address all contamination at the Site. To obtain such an opinion, you must

submit an independent remedial action report to Ecology upon completion of the cleanup action for the Site and request such an opinion under the VCP.

Please also note that this opinion is based solely on the information contained in the documents listed above. Therefore, if any of the information contained in those documents is materially false or misleading, then this opinion will automatically be rendered null and void.

The state, Ecology, and its officers and employees make no guarantees or assurances by providing this opinion, and no cause of action against the state, Ecology, its officers or employees may arise from any act or omission in providing this opinion.

Again, Ecology appreciates your initiative in conducting an independent remedial action and requesting technical consultation under the VCP. As the cleanup of the Site progresses, you may request additional consultative services under the VCP, including assistance in identifying applicable regulatory requirements and opinions regarding whether remedial actions proposed for or conducted at the Site meet those requirements.

If you have any questions regarding this opinion, please contact me at (360) 407-6247 or via e-mail at stee461@ecy.wa.gov.

Sincerely,

SS Teel

Steve Teel, LHG
Hydrogeologist
Toxics Cleanup Program
Southwest Regional Office

ST/ksc:SW0085 Spring Air Opinion on Comp RA 0607

Cc: Ms. Erin K. Rothman, Project Manager, Sound Environmental Strategies
Mr. Jim Sari, Landmark Asset Services
Chami Jo Ro, Chami Design
John R. Spencer, Spencer Law Firm, PLLC
Thomas Morin, LG, Environmental Partners, Inc.
John Sherman, Tacoma-Pierce County Health Department
Mr. B. Thomas Houghton, Swift Creek Environmental, Inc.
Blythe Mackey, Ecology & Environment, Inc.
Mr. Rob Olsen, Tacoma-Pierce County Health Dept.
Chuck Cline – Ecology
Bob Warren – Ecology
Marv Coleman - Ecology
Carol Johnston - Ecology

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REMEDIAL INVESTIGATION REPORT

Former Texaco Service Station
704 Puyallup Avenue
Tacoma, Washington 98421

November 15, 2017

RECEIVED
DEC 29 2017
WA State Department
of Ecology (SWRO)

Prepared For:

Mr. Joe Carman
C/o Spencer & Associates
1326 Tacoma Avenue South
Suite 201
Tacoma, Washington 98402

Kaden Reed
Sr. Environmental Technician

David Polivka, L.G.
Senior Environmental Geologist

State of Washington
Hydrogeologist
203
Licensed Geologist
DAVID R. POLIVKA

Stephen Spencer
Principal Environmental Scientist

Prepared by:

ECI | Environmental Services
PO Box 153
Fox Island, Washington 98333
Office: (253) 238-9270

ECI Project No.: 0267-07-02

eci Environmental Services
Practical Environmental Compliance Solutions

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1.0 INTRODUCTION

EcoCon, Inc. (ECI) has prepared this Remedial Investigation (RI) Report for the former Texaco service station property at 704 Puyallup Avenue in Tacoma, Washington (the Property Site) (Figures 1 and 2; Appendix A). This report details field activities and observations, sampling activities, chemical analysis, conducted for the characterization of petroleum hydrocarbon contamination in the soil and groundwater at the Property This report also provides ECI's conclusions and recommendations.

As established in WAC 173-340-200, the "Site" is defined by the full lateral and vertical extent of contamination that has resulted from Underground Storage Tanks (UST) associated with a former Texaco service station on the Property. Based on the findings of environmental investigations discussed within this report, the Site has been defined as the nature and extent of the following contaminants in the soils and groundwater as defined by Ecology:

- Total petroleum hydrocarbons (TPH) in the diesel range (DRO),
- TPH in the oil range (ORO),
- TPH in the gasoline range (GRO),
- Benzene, toluene, ethylbenzene, xylenes (BTEX), and
- Select metals (arsenic, chromium III, chromium VI, mercury and lead)

1.1 Property Description/Location

The Property addressed at 704 Puyallup Avenue consists of a single 0.28 acre tax parcel (Pierce County Parcel #2074280010) (Figure 3, Appendix A), currently improved with a parking lot in the upland edge of the industrial Tacoma Tideflats area. The Property is zoned industrial and the land use in the vicinity includes rail yards, a transit station, train station, and industrial and commercial businesses. The Property boundaries are:

- Puyallup Avenue to the north,
- a parking lot on an adjacent parcel to the east,
- warehouse that was formerly Spring Air Mattress Company and currently used for loft type small manufacturing businesses to the south, and
- East G Street to the west.

The Property is currently utilized for parking and was developed by at least 1896. Former uses of the property have included lumber/wood storage, part of a sawmill and engine shop, a Texaco service station, and a restaurant. The warehouse on the adjacent property to the south was constructed in 1891 and has included manufacturing (furniture and mattress), a warehouse company, and a heating and boiling company.

The Property is relatively flat and is located at an elevation of approximately 15 feet. The area to the south of the Property rises steeply. The remainder of the area is relatively flat with a slight slope to the north and northeast.

1.2 Site Geology and Hydrogeology

1.2.1 Regional Geology

The Site is located in the Puget Lowland geologic region, an elongated topographic and structural depression filled with complex sequences of glacial and non-glacial sediments that overlie bedrock. Continental ice sheets up to 3,000 feet thick covered portions of the Puget Lowland several times during the Quaternary period. Retreating ice carved new landscapes, rechanneled rivers, drained or formed lakes, and deposited glacial drift including till and outwash (WA DNR, 2002).

1.2.2 Regional Hydrogeology

The primary aquifers in the Puget Sound region are typically overlain by relatively impermeable glacial till deposits that are present at or near the ground surface. Within these till deposits are localized areas or lenses of water-bearing sands and gravels that may result in a shallow, perched water table. Lateral and vertical migration of shallow groundwater may be impeded by the relatively impermeable nature of the till and by the sometimes-discontinuous nature of the perched water-bearing sands and gravel. Perched and discontinuous zones of shallow groundwater may be seasonally or perennially present, depending on site-specific conditions. Shallow groundwater flow directions fluctuate and tend to follow topographic gradient but are also affected by seasonal high-water tables and variable soil characteristics.

1.2.3 Site Geology

Property-specific geologic information was not available for review. According to the Washington State Department of Natural Resources online Geologic Portal the Site is underlain by glacial drift deposited during the Vashon Stade of the Upper Pleistocene Fraser Glaciation. This consists of till and outwash clay, silt, sand, gravel, cobbles, and boulders deposited by or originating from the continental glaciers. It can locally include peat, non-glacial sediments, modified land, and artificial fill. The underlying formation is The Natural Resource Conservation Service (NRCS) web Soil Survey does not list a soil type for this area. This is typical of urban and city area because much of the area has been cleared of the native soils. Older soil surveys for Pierce County have classified the soil as belonging to the Alderwood Series. These soils are considered gravelly sandy loam with slow infiltration rates.

Soils underlying the Property generally consist of silty sand with either gravel or cobble to approximately 16 feet below ground surface (bgs). The topographic elevation of the Subject Property is approximately 13 feet above mean sea level.

1.2.4 Site Hydrogeology

Perched and discontinuous zones of shallow groundwater may be seasonally or perennially present, depending on site-specific conditions. Shallow groundwater flow directions fluctuate and tend to follow topographic gradient but are also affected by seasonal high-water tables and variable soil characteristics Groundwater migration pathways may also follow underground conduits.

According to Washington State Department of Ecology well logs, and groundwater sampling events at the Property, shallow groundwater in the vicinity of the Subject Property is located at approximately 6 to 10 feet bgs. Based on groundwater elevations obtained from wells installed at the Site, the direction of groundwater flow is to the northwest toward the Thea Foss Waterway approximately 0.3 miles to the northwest. A groundwater contour map is presented in Figure 4.

1.3 Previous Site Investigations / Remedial Actions

1.3.1 Geophysical Survey and Underground Storage Tank Removal - 1998

In July 1998, as part of a Level I Site Assessment conducted by CETI in 1998 on the adjacent property to the south, Apollo Geophysics conducted a geophysical survey on the Property. The geophysical survey identified three USTs: one 550-gallon, one 1,000-gallon, and one 2,000-gallon tank. The USTs were removed by Environmental Tank Services (ETS) under the direction of CETI in July 1998. During the UST closure, approximately 43 tons of petroleum contaminated soil was excavated and transported off-site for disposal. After excavation, confirmation soil samples from the UST basin excavation indicated concentrations of all analytes below laboratory reporting limits and, therefore, below the Model Toxics Control Act (MTCA) Method A cleanup levels (CULs).

1.3.2 Subsurface Investigation – Environmental Management Services (EMS), 2006

In an effort to further characterize the release identified in the area of the former Texaco service station, Environmental Management Services (EMS) advanced four borings (B1 through B4) to twelve feet bgs on the Property. Soil and groundwater samples were collected and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), GRO, DRO, and ORO. Selected samples were also analyzed for the presence of Chlorinated Solvents (CVOCs), Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs), and metals (arsenic, cadmium, chromium, lead, and mercury).

CVOCs, PCBs and PAHs were not detected above the laboratory reporting limits in the soil and groundwater samples analyzed. GRO was detected at a concentration exceeding the MTCA Method A CUL in the soil samples collected from boring B4. Groundwater collected from B4 also contained concentrations of DRO and ORO exceeding MTCA Method A CUL. Groundwater collected from B1, B3, and B4 contained concentrations of lead in excess of the MTCA Method A CUL of 15 ug/L and the groundwater sample collected from B3 contained concentrations of chromium exceeding the MTCA Method A CUL. A summary of this data is presented in Appendix C.

1.3.3 Opinion Letter - Ecology, 2007

On June 15, 2007 Ecology provided an opinion on the completed remedial actions for the Site, which concluded that further characterization was necessary to adequately define the contamination associated with the former service station. Specifically:

- Petroleum hydrocarbon contamination in soil;
- Metals in soil;
- Petroleum hydrocarbons in groundwater;
- Volatile organic compounds in groundwater; and,
- Metals in groundwater.

Ecology suggested that groundwater monitoring wells should be installed in order to define the extent of this contamination.

2.0 SITE CHARACTERIZATION

2.1 Purpose

The purpose of the RI was to define the extent of soil and groundwater contamination associated with a former gasoline service station that was located on the Property and to provide sufficient information to develop remedial options for achieving closure at the Site.

2.2 Regulatory Compliance

Regulatory compliance for this project is based on the Model Toxics Control Act (Revised Code of Washington [RCW] Chapter 70.105D implemented by Ecology. Pursuant to RCW Chapter 70.105D, Ecology has established cleanup standards and requirements for the cleanup actions (Washington Administrative Code [WAC] 173-340).

The rules establishing these standards and requirements were developed by Ecology in consultation with a Science Advisory Board (established under the Act) and with representatives from local government, citizen, environmental, and business groups. The rules were first published in February 1991, with amendments in January 1996, February 2001, and October 2007.

2.3 Limited Geophysical Survey

Prior to subsurface work at the Site the "call before you dig service" (811) was called 48 hours in advance of site activities to identify public underground utilities. Additionally, Mountain View Locating Services of Bonney Lake, WA, completed a private subsurface utility sweep to locate any potential buried utilities.

2.4 Contaminants of Concern (COCs) and Cleanup Levels

Based on previous investigations and requirements outlined in Ecology's June 15, 2007 opinion letter, the contaminants of concern (COCs) at the Site are identified as: GRO; DRO; ORO; BTEX; and select metals including arsenic, chromium, lead, and mercury.

The concentrations of these contaminants in the samples that were collected for this RI were compared to the MTCA Method-A Soil CUL for Unrestricted Land Use and the Method-A Groundwater CUL, (WAC 173-340-900, Tables 740-1 [Soil] and 720-1 [Groundwater]. These cleanup levels are presented below.

Method-A Cleanup Levels (MTCA-A) for Soil and Groundwater (MTCA Cleanup Regulation 173-340-900: Tables 720-1 and 740-1)		
Contaminant of Concern (COCs)	**Soil Cleanup Levels - mg/kg**	**Groundwater Cleanup Levels - µg/l**
Gasoline Range Organics (GRO)	100/30[1]	1,000/800[2]
Diesel Range Organics (DRO)	2,000	500
Oil Range Organics (ORO)	2,000	500
Benzene	0.03	5
Toluene	7	1,000
Ethylbenzene	6	700
Xylenes	9	1,000
Arsenic	20	5
Chromium VI	19	50
Chromium III	2,000	
Total Lead	250	15
Mercury	2	2

2.5 Subsurface Investigation Activities

On October 25th, 2017, Standard Environmental Probe, of Tumwater, Washington, advanced eight (8) borings (GSMW1 through GSMW4, and B5 through B8) to a depth of 12 feet bgs, using direct push drilling techniques under the supervision of an ECI environmental professional. The borings were advanced in strategic locations, in the areas identified by previous environmental activities to have been in the vicinity of the former gasoline service station USTs (Figure 3, Appendix A).

Prior to sample collection, the soil was field-screened utilizing a handheld photoionization detector (PID), olfactory techniques and physical observations, such as soil staining and sheen presence. Field-screening techniques revealed the presence of hydrocarbons within borings GSMW2, GSMW3, GSMW4, and B5.

[1] Gasoline Range Organics: Gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture has a soil CUL = 100 mg/kg. All other gasoline mixtures have a soil CUL = 30 mg/kg. For groundwater, the CUL is 1,000 ug/l for gasoline mixtures without benzene and 800 ug/l for all other gasoline mixtures.

Sixteen (16) soil samples were collected from borings GSMW1 through GSMW4 and B5 through B8. Two (2) soil samples from each boring were collected at depths between approximately five (5) feet bgs and the soil-groundwater interface, which was identified as approximately ten (10) feet bgs.

Relatively undisturbed soil samples were collected directly from the macro-core samplers extracted from the borings. Samples were transferred into new laboratory-provided analyte specific sample containers and assigned a unique sample ID; those collected for volatile organic compounds (VOCs) were collected using the EPA Method 5035 sampling procedures.

Groundwater was encountered at approximately ten (10) feet bgs on the Property. Groundwater monitoring wells were installed in four (4) of the borings (GSMW1 – GSMW4). The wells were constructed of 1-inch diameter PVC and screened from approximately fifteen (15) feet bgs to five (5) feet bgs. Boring logs and well construction details are provided in Appendix D. Upon installation of the monitoring wells, ECI developed the newly installed groundwater monitoring wells by pumping water from them until it was relatively clear.

2.6 Groundwater Sampling Activities

On November 1, 2017, ECI returned to the Property to collect groundwater samples from the four recently constructed groundwater monitoring wells (GSMW1 – GSMW4). Purging and sampling was conducted in accordance with American Society of Testing and Materials (*ASTM) Guideline* D6771-02 *"Standard Practice for Low-Flow Purging and Sampling for Wells and Devices Used for Ground-Water Quality Investigations"*.

ECI field staff followed the procedures described below when collecting groundwater samples:

- The cap from the monitoring well was removed and the groundwater level was allowed to equilibrate to atmospheric pressure for a minimum of 20 minutes.
- The depth to groundwater in the monitoring well was measured relative to the top of the well casing using an electronic water-level meter.
- Each monitoring well was purged at a low-flow rate (100 to 300 milliliters per minute) using a peristaltic pump and dedicated polyethylene tubing. Field parameters of temperature, pH, turbidity, dissolved oxygen and specific conductivity were monitored during purging using a water quality meter to determine when these parameters stabilized. Following stabilization of the field parameters, samples of the groundwater were obtained.

2.7 Sample Collection

During sample collection of the groundwater and soil, each discrete sample was placed in new, laboratory provided containers and assigned unique sample identification numbers (e.g. B1-5', GSMW1). Volatile Organic Compounds (VOC) soil samples were collected using the Washington State Department of Ecology

(Ecology) -required Environmental Protection Agency (EPA) 5035 sampling collection method. Samples were then placed into a container maintained at 4° Celsius until delivered to the laboratory.

2.8 Soil and Groundwater Conditions

2.8.1 Soil Conditions

The surface of the Site is paved with approximately three (3) to four (4) inches of asphalt. Below the asphalt pavement the soil conditions were fairly consistent consisting of loose brown coarse silty sand with gravel. Some cobbles were encountered during the drilling. It is assumed that the soil is fill material from when the Puyallup River delta and flood plain were filled in the early-1900s.

2.8.2 Groundwater Conditions

Groundwater levels for all four of the monitoring wells were measured on November 1, 2017. The depth to groundwater ranged from 6.13 feet to 9.18 feet below the top of the monitoring well casings. During drilling, groundwater at the Site was encountered at a depth of approximately 10 feet bgs and is most likely perched with an upward gradient.

Based on groundwater elevations obtained from the wells installed at the Site, the direction of groundwater flow is to the northwest toward the Thea Foss Waterway approximately 0.3 miles to the northwest with a gradient of 0.035 feet per foot (ft./ft.). A groundwater contour map is presented in Figure 4.

2.9 Analytical Results

2.9.1 Soil Analytical Results

Sixteen (16) soil samples were submitted to Friedman and Bruya of Seattle, Washington, and analyzed for the identified site specific COCs. The analytical results show that the soil sample collected from boring B5 at approximately five (5) feet bgs (B5-5'), exceeded the MTCA Method A CUL for GRO, ethylbenzene and xylenes at 1,500 mg/kg, 11 mg/kg, and 14 mg/kg respectively.

ORO was detected below the MTCA CUL in samples GSMW3-10 (820 mg/kg) and GSMW4-10 (1,100 mg/kg from a depth of 10 feet bgs and in sample B8-5 (460mg/kg) from a depth of 5 feet bgs. DRO was detected below the MTCA CULs in sample B5-5 (500 mg/kg) and in sample B8-5 (240 mg/kg). Both of these analytical results were flagged by the laboratory saying that *"The sample chromatographic pattern does not resemble the fuel standard used for quantitation"*. This may be a result of what was quantified as DRO being actually ORO. It may also represent that the diesel found is heavily weathered and the standard used was a fresh diesel.

Arsenic, lead and chromium were detected above the laboratory reporting limits in the samples analyzed. Both the arsenic and lead results were significantly below the MTCA Method A CULs. Chromium was

analyzed as total chromium and was reported as being above the MTCA Method A CUL of 19 mg/kg for combined chromium III and chromium IV in all samples except for sample B8-5.

Chromium is generally found in two valences, chromium +3 (trivalent chromium) and chromium +6 (hexavalent chromium). Of the two valences, hexavalent chromium is the most toxic and therefore when present, it has a lower clean up level. It also has a shorter residence time in the environment and relatively quickly reduces into trivalent chromium. The MTCA Method A tables (WAC 173-340-900: Tables 720-1 and 740-1) use hexavalent chromium for determining the cleanup levels. If the chromium can be show by analysis to be all trivalent chromium than the cleanup levels are raised to 2,000 mg/kg. Because hexavalent chromium has a short residence time in the environment and because it generally has a distinctive yellow-green color that was not observed in the samples, ECI is assuming that the chromium report is trivalent chromium. Using the assumption that the chromium is trivalent chromium, the reported values in the samples analyzed are significantly below the MTCA CUL.

A summary of the laboratory analytical results is provided in Table 1 in Appendix B. The laboratory analytical datasheets are presented in Appendix F.

2.9.2 Groundwater Analytical Results

Four (4) groundwater samples were submitted to Friedman and Bruya of Seattle, Washington and analyzed for the identified site specific COCs. The analytical results indicate that the groundwater samples collected from GSMW1 – GSMW4 exceeded the MTCA Method A CUL for total arsenic and samples from GSMW1 and GSMW2 exceeded the MTCA Method A CUL for total lead. The sample from well G5MW2 also contained total chromium at 56 µg/l which is slightly above the MTCA Method A CUL of 50 µg/l.

Because there was silt in the samples collected and that metals can be present in the silt, the groundwater samples from wells GSMW1 and GSMW2 were analyzed for dissolved lead. The analytical results for dissolved lead indicated that dissolved lead was below the laboratory method reporting limits.

Although total arsenic is above the MTCA Method A CUL in all four (4) groundwater samples, the analytical results for dissolved lead indicate that dissolved arsenic may also be below the laboratory method reporting limits as well. For the total chromium result in the sample from well GSMW2, it is assumed that the total chromium is a result of sediment in the sample. As discussed above with the soil results, it is assumed that the chromium found in the sample from GSMW2 is trivalent chromium in which case the MTCA CUL is 100 µg/L.

For the remaining COCs, the groundwater samples contained concentrations either below the laboratory method reporting limits or below their respective MTCA Method A CULs. A summary of the laboratory analytical results is provided in Table 2 in Appendix B. The laboratory analytical datasheets are presented in Appendix F.

2.10 Extent of Contamination

2.10.1 Soil Contamination

Based on the analytical results of the samples collected and analyzed in 2006 and the samples collected and analyzed during this RI, it is believed that the extent of soil contaminated with gasoline and its related constituents has been defined except for in one area of the Site. The soil contamination appears to be located in the area of borings B4 and B5. This is the area of the former USTs and one of the former dispenser islands at the Site. The limits of the contamination are defined by borings B1, B6, B7, B8, and well GSMW2.

The soil samples from well GSMW1 did not reveal petroleum contamination above the MTCA CULs and defines the potential southernmost boundary of the contamination. However, the limit of contamination is more likely closer to boring B4 than it is well GSMW1. The extent of contamination to the west has not been defined and is potentially off-site beneath the City of Tacoma right-of-way containing the sidewalk. Figure 5 in Appendix A shows the estimated extent of contamination.

Because there does not appear to be a correlation of the concentrations of the metals observed at the Site and the concentration of hydrocarbons and because the concentrations of metals observed are fairly consistent Site-wide, it is believed that the metals observed at the Site are a result of materials used to fill the entire area. The metals observed at the Site are a result of background concentrations and are not related to the petroleum releases at the Site.

2.10.2 Groundwater Contamination

During the Subsurface Investigation conducted in 2006 groundwater grab samples were collected from borings B1 through B4. With the exception of boring B4, petroleum contamination was not detected in the analyzed groundwater grab samples. The sample from boring B4 contained DRO and ORO above the respective MTCA Method A CULs.

Monitoring wells installed during this RI near the perimeter of the Property and sampled once have not shown contamination petroleum products. Therefore, it is believed that the DRO and ORO contaminated groundwater observed in boring B4 is an isolated occurrence related to the "pit water" collected in the former UST excavation. However, monitoring wells have not been installed east of the Site in the City of Tacoma right-of-way containing the sidewalk. Also, additional quarterly groundwater sampling will be needed to confirm that the groundwater near the perimeter of the Site remains unaffected.

As mentioned above when discussing the extent of soil contamination, it is believed that the arsenic and chromium contamination observed in the groundwater samples are background concentrations resulting from the materials used to fill the area near the site. Figure 6 in Appendix A presents the groundwater analytical results.

3.0 CONCEPTUAL SITE MODEL

Ecology requires that an RI provide information:

> *"...to determine the impact or potential impact of the hazardous substance from the facility on natural resources and ecological receptors, including any information needed to conduct a terrestrial ecological evaluation, under WAC 173-340-7492 or 173-340-7493, or to establish an exclusion under WAC 173-340-7491."* (WAC173-340-350(7)(c)(iii)(F)

To determine an impact or potential impact a Conceptual Site Model (CSM) is developed. The CSM summarizes the potentially complete exposure pathways by which receptors may be exposed to contaminants at the Site under current or anticipated future conditions. A complete pathway from the contaminant source to a receptor is necessary in order for contaminant exposure to occur. A discussion of physical setting, potential contaminant sources, the potential receptors, and the potential exposure pathways are presented in the following sections. Figure 7 in Appendix A presents a graphical representation of the CSM.

3.1 Physical Setting

The Property is currently utilized for parking and was developed by at least 1896. Former uses of the property have included lumber/wood storage, part of a sawmill and engine shop, a Texaco service station, and a restaurant. The warehouse on the adjacent property to the south was constructed in 1891 and has included manufacturing (furniture and mattress), a warehouse company, and a heating and boiling company. The Property is zoned industrial and the land use in the vicinity includes rail yards, a transit station, train station, and industrial and commercial businesses.

Shallow groundwater is present at the Site within approximately 8 to 10 feet of the ground surface and is anticipated to flow to the northeast.

3.2 Contaminant Sources

Based on the information gathered in previous investigations on the Property and during this RI, it is believed that the petroleum contamination found on the Property is a result from the past use of the Property as a Texaco service station. It appears that the petroleum was released from underground storage tanks and piping associated with the station. It also appears that metals observed in samples from the Site are a result materials used for regional filling of the area in the early 1900s.

3.3 Potential Receptors and Exposure Pathways

Potential receptors are those individuals and natural resources that may be exposed to contaminants under the current and reasonable likely future land and water use scenarios. Natural resource receptors include land-based plants and animals, as well as water-based plants and animals, wetlands, or sediments.

Based on the location of the Site, Natural resources are not considered as receptors for this Site Potential human receptors include the following: residents, occupational workers, construction workers and excavation workers.

The following human exposure pathways to contaminants in soil and sediment could be complete based on our understanding of current and future land use, water quality, and the magnitude and extent of contamination at the Site:

- Exposure to contaminants in soil (0 to 15 feet bgs) via incidental ingestion, dermal contact and inhalation of fugitive dust (occupational receptors and construction/excavation workers); and
- Potential Exposure to contaminants in soil via volatilization to outdoor air (occupational receptors).

The following exposure pathway to contaminants in groundwater is potentially complete:

- Exposure to groundwater via direct contact in excavations.

The following exposure pathway to contaminants in groundwater is currently incomplete; however, it is possible that this pathway could become complete in the future:

- Potential Exposure to contaminants in soil via vapor intrusion to indoor air (residential and occupational receptors)

3.4 Terrestrial Ecological Evaluation

As required by WAC 173-340-7492, ECI has completed a Terrestrial Ecological Evaluation (TEE). The Site is located in an urban area and there is there is less than 1½ acres of contiguous undeveloped land on or within 500 feet of any area of the Site. In addition, the metals found at the Site appear to exceed natural background levels. Based on this, it has been determined that the Site qualifies for an exclusion from further terrestrial ecological evaluation. A copy of the TEE form and documentation form are attached in Appendix E.

4.0 SUMMARY AND CONCLUSIONS

ECI has completed a remedial investigation at the former Texaco service Station located at 704 Puyallup Avenue in Tacoma, Washington. This RI relied on previous work conducted at the site between 1998 and 2007 as well as an investigation conducted in October 2017 and November 2017. The October and November 2017 investigations were to determine the lateral and vertical extent of petroleum contamination previously identified on the Property. The contamination consisted of gasoline and diesel related petroleum hydrocarbons that appeared to be released from a former UST system on the Property.

On October 25· 2017, ECI advanced eight borings on the Property and installed four groundwater monitoring wells. Sixteen soil samples were collected, from the eight borings, to assess the potential

environmental impacts due to the presence of the former gasoline service station on the Property. The analytical results showed that the soil sample collected from one boring (boring B5) at approximately five (5) feet bgs exceeded the MTCA Method A CUL for GRO, ethylbenzene and xylenes. The results also showed that DRO and ORO were either not present above the laboratory reporting limits or were not above the MTCA Method A CULs.

Arsenic, lead and chromium were detected above the laboratory reporting limits in the samples analyzed. However, both the arsenic and lead results were significantly below the MTCA Method A CULs. Chromium was detected above the MTCA Method A CUL for total chromium. However, it is believed that the chromium found is trivalent chromium and therefore the concentrations found are significantly below the MTCA Method A CUL for trivalent chromium.

Because the metal concentrations found did not appear to have a correlation with the petroleum concentrations and appeared to be consistent throughout the Site, it is believed that the metals are a result of materials used to fill the entire area. The metals observed at the Site are a result of background concentrations and are not related to the petroleum releases at the Site.

On November 1, 2017, collected groundwater samples from the four monitoring wells installed at the Property. The groundwater samples were collected to evaluate the groundwater quality beneath the Site.

The analytical results indicated that GRO, DRO, and ORO were not present above the laboratory reporting limits or were not present above the respective MTCA Method A CULs in the samples collected. The analytical results revealed that the groundwater samples collected exceeded the MTCA Method A CUL for total arsenic and two of the samples exceeded the MTCA Method A CUL for total lead. One sample also contained total chromium slightly above the MTCA Method A CUL.

Because there was silt in the samples collected two of the groundwater samples were analyzed for dissolved lead. The analytical results for dissolved lead indicated that dissolved lead was below the laboratory method reporting limits. Based on these results it is believed that the metals found in the groundwater samples are a result of silt and are not dissolved in the groundwater.

Based on the results of this RI, it appears that the contamination on this site is limited to the soil and is located near the former USTs. The extent of the contamination has been defined except to the west in the City of Tacoma right-of-way containing the sidewalk.

5.0 DATA GAPS AND RECOMMENDATIONS

Based on the information developed to date in this RI there appear to be four data gaps that need to be filled. The data gaps are:

- Determination of the extent of contaminated soils to the west in the City of Tacoma right-of-way containing the sidewalk,
- Determining if there is groundwater contamination in the City of Tacoma right-of-way containing the sidewalk,
- More closely defining the edge of contamination between boring B4 and well GSMW1, and
- Providing four (4) consecutive quarters of groundwater monitoring per Ecology requirements.

In order to fill the data gaps ECI recommends that:

- Additional soil borings be installed and sampled in the City of Tacoma right-of-way,
- If permitted, a groundwater monitoring well be installed in the City of Tacoma right-of-way,
- An additional soil boring be installed between boring B4 and well GSMW1, and
- Quarterly groundwater monitoring be conducted at the Site.

6.0 REFERENCES

Creative Environmental Technologies, Inc., 1998, *Level II Environmental Site Assessment - Spring Air Northwest (a division of: Carman Manufacturing Company) - 725 East 25th Street Tacoma, Washington*, August 24, 1998.

Creative Environmental Technologies, Inc., 1998, *Underground Storage Tank Site Assessment/Site Characterization- Spring Air Northwest (a division of: Carman Manufacturing Company) Located at: Tacoma Land Company's First Addition to Tacoma Block 7527 Lots 1-12 and Block 7428 Lots 1-12- 725 East 25th Street Tacoma, Washington,* August 24, 1998

Environmental Management Services, 2006, *Draft Subsurface Investigation – 725 E. 25th Street, Tacoma, Washington*, Prepared for Spencer Law Firm, October 18, 2006

NRCS Web Soil Survey: https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/survey/

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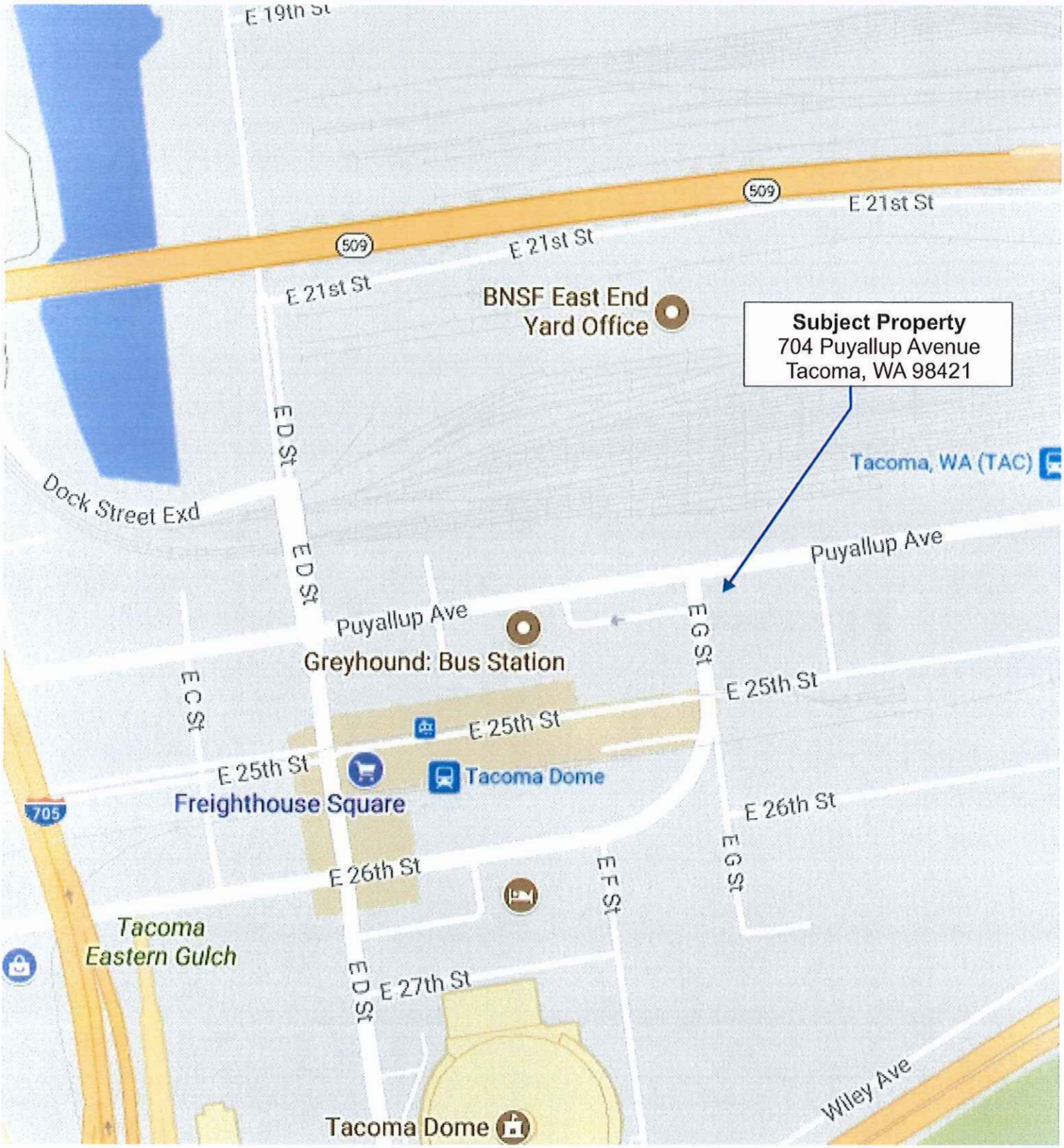

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Not To Scale

Site Location Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017	Figure No.: 01
Completed By:	K. Spencer	
Reviewed By.:	S. Spencer	
Version:	ECI-001	
Project No.:	0267-07-02	Sheet 01 of 07

eci Environmental Services
Providing Practical Environmental Compliance Solutions

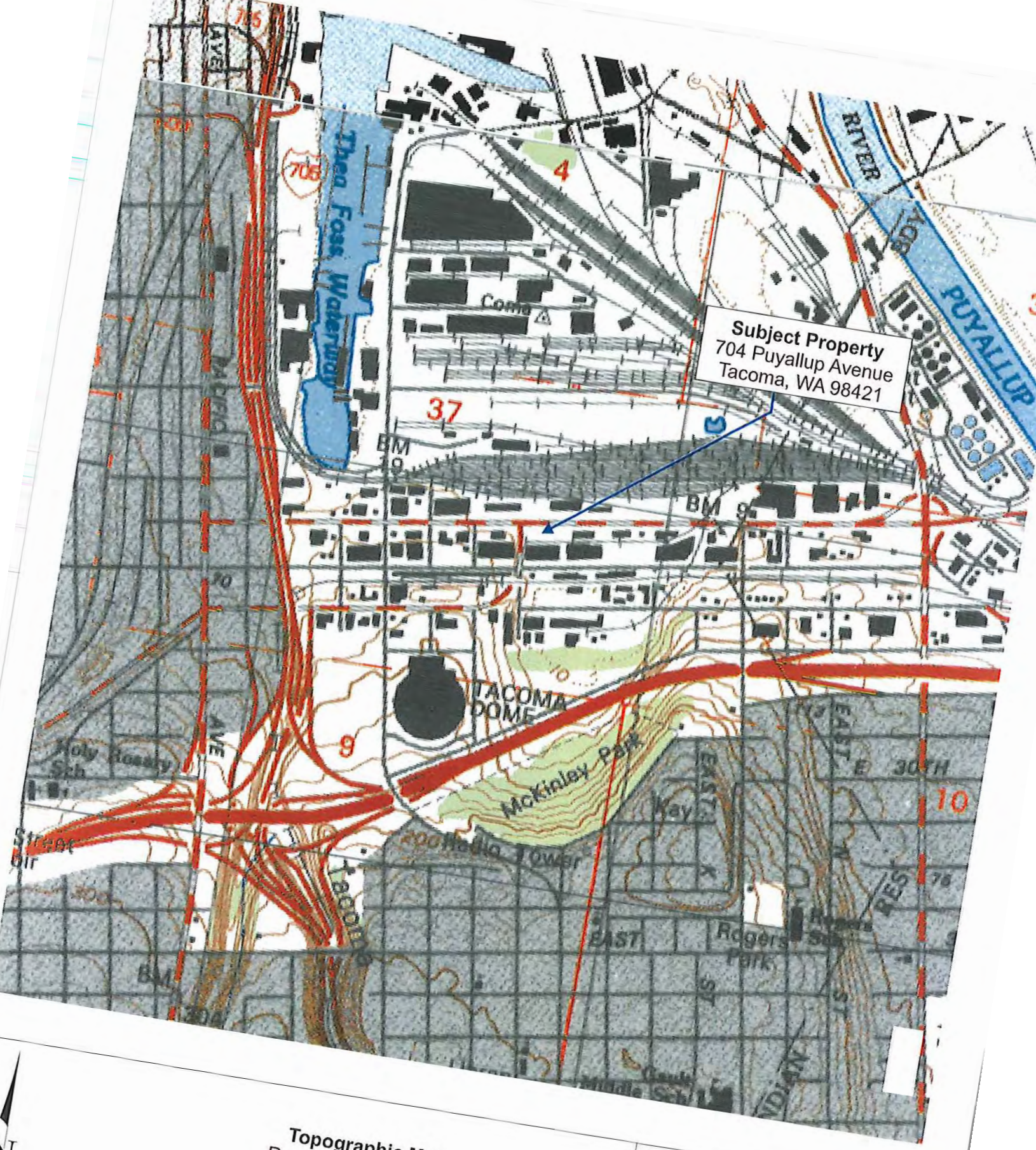

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Scale

Topographic Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017	Figure No.: 02
Completed By:	K. Spencer	
Reviewed By.:	S. Spencer	
Version:	ECI-001	
Project No.:	0267-07-02	Sheet 02 of 07

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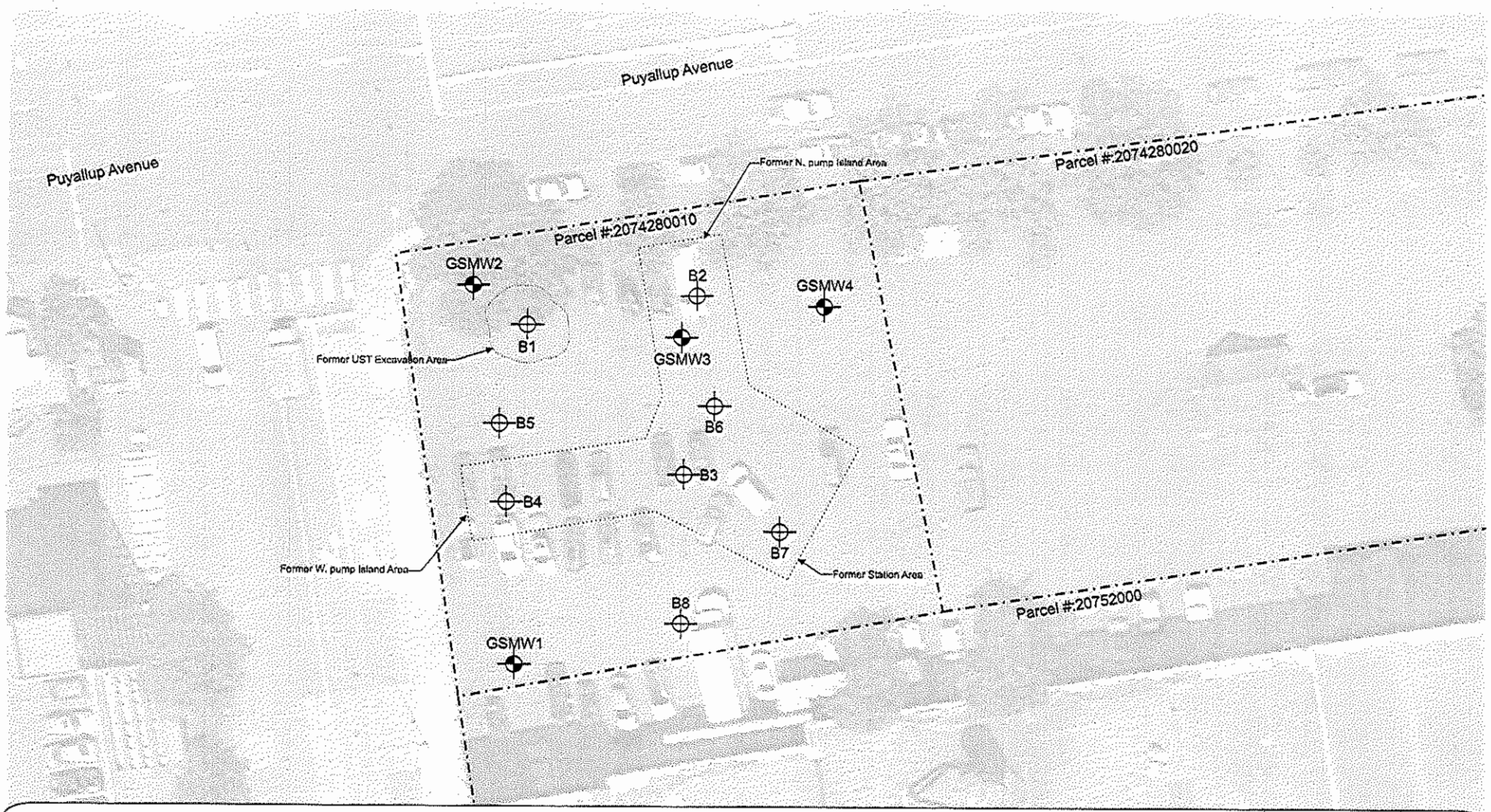

N

Approximate Scale

0' 5' 10' 15' 30' 60'

Legend
Monitoring Well Location
Boring Location

Boring Location Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 03

Sheet 03 of 07

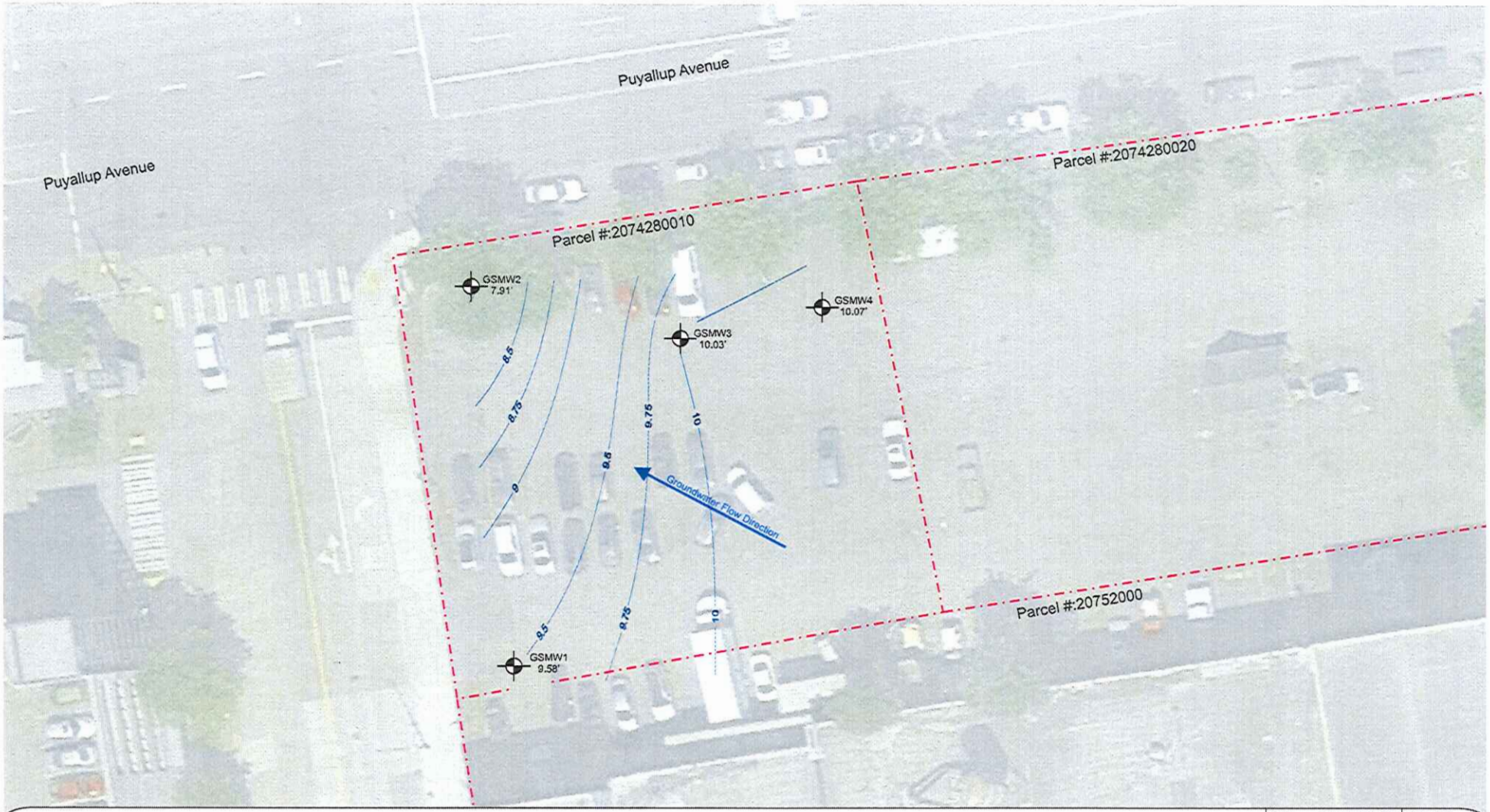

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Approximate Scale

0' 5' 10' 15' 30' 60'

Legend
Monitoring Well Location

Groundwater Contour Map
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By.:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 04

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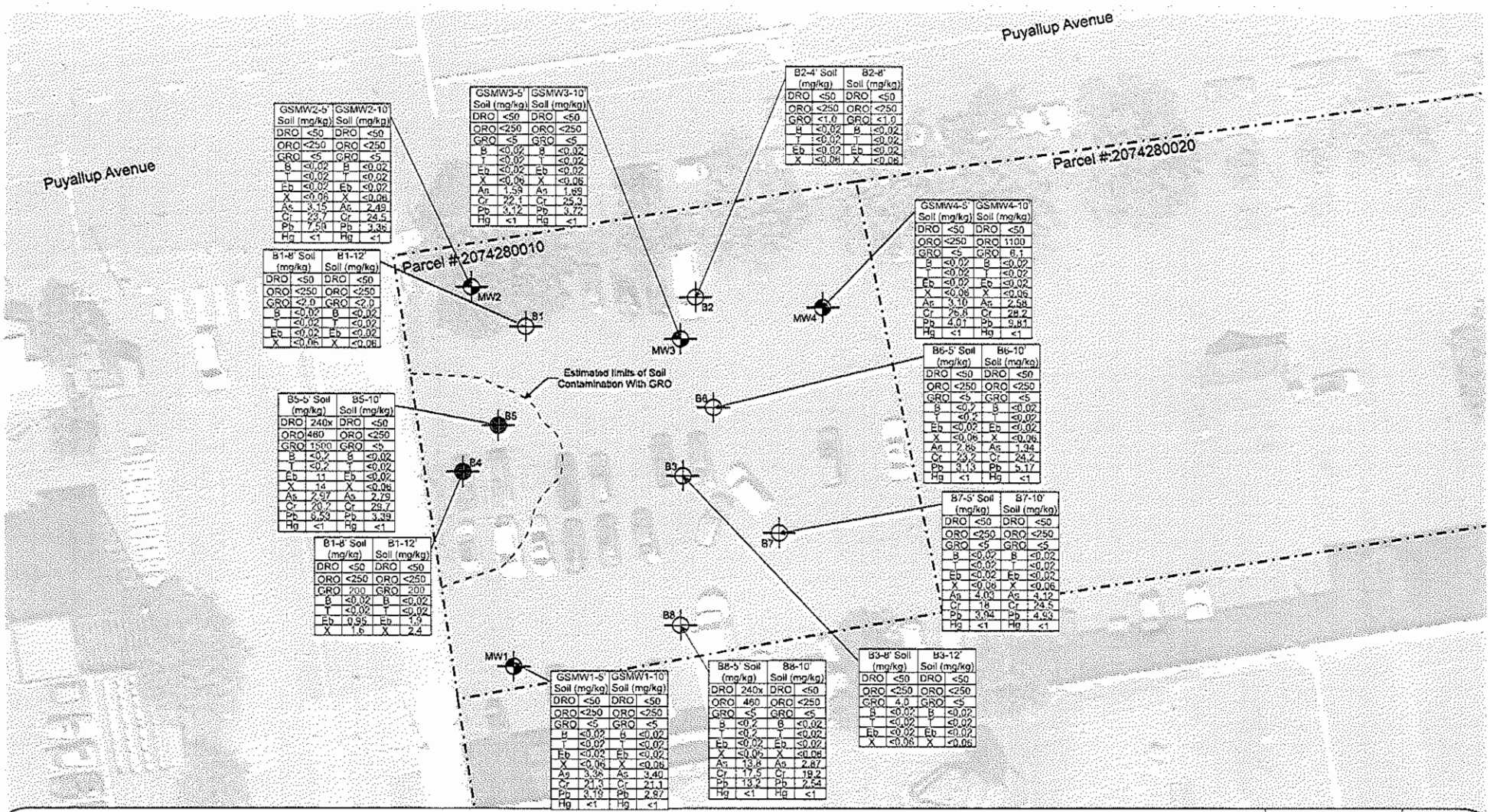

GSMW2-5' Soil (mg/kg)		GSMW2-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.15	As	2.49
Cr	23.7	Cr	24.5
Pb	7.58	Pb	3.35
Hg	<1	Hg	<1

GSMW3-5' Soil (mg/kg)		GSMW3-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	1.59	As	1.89
Cr	22.1	Cr	25.3
Pb	3.12	Pb	3.72
Hg	<1	Hg	<1

B2-4' Soil (mg/kg)		B2-8' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<1.0	GRO	<1.0
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

B1-8' Soil (mg/kg)		B1-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<2.0	GRO	<2.0
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

GSMW4-5' Soil (mg/kg)		GSMW4-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	1100
GRO	<5	GRO	6.1
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.10	As	2.58
Cr	25.8	Cr	28.2
Pb	4.01	Pb	9.81
Hg	<1	Hg	<1

B6-5' Soil (mg/kg)		B6-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	2.86	As	1.34
Cr	23.2	Cr	24.2
Pb	3.13	Pb	5.17
Hg	<1	Hg	<1

B5-5' Soil (mg/kg)		B5-10' Soil (mg/kg)	
DRO	240x	DRO	<50
ORO	460	ORO	<250
GRO	1500	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	11	Eb	<0.02
X	14	X	<0.06
As	2.97	As	2.79
Cr	20.7	Cr	28.7
Pb	6.59	Pb	3.39
Hg	<1	Hg	<1

B7-5' Soil (mg/kg)		B7-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	4.03	As	4.12
Cr	18	Cr	24.5
Pb	3.94	Pb	4.93
Hg	<1	Hg	<1

B1-8' Soil (mg/kg)		B1-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	200	GRO	200
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	0.95	Eb	1.9
X	1.6	X	2.4

GSMW1-5' Soil (mg/kg)		GSMW1-10' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	<5	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	3.36	As	3.40
Cr	21.3	Cr	21.1
Pb	3.19	Pb	2.97
Hg	<1	Hg	<1

B8-5' Soil (mg/kg)		B8-10' Soil (mg/kg)	
DRO	240x	DRO	<50
ORO	460	ORO	<250
GRO	<5	GRO	<5
B	<0.2	B	<0.02
T	<0.2	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06
As	13.8	As	2.87
Cr	17.5	Cr	19.2
Pb	13.2	Pb	2.54
Hg	<1	Hg	<1

B3-8' Soil (mg/kg)		B3-12' Soil (mg/kg)	
DRO	<50	DRO	<50
ORO	<250	ORO	<250
GRO	4.0	GRO	<5
B	<0.02	B	<0.02
T	<0.02	T	<0.02
Eb	<0.02	Eb	<0.02
X	<0.06	X	<0.06

N

Approximate Scale

0' 5' 10' 15' 30' 60'

MW2 Legend
Monitoring Well Location.

DRO Diesel Range Organic
ORO Oil Range Organic
GRO Gasoline Range Organic
B Benzene
T Toluene
Eb Ethylbenzene
X Total Xylenes
As Arsenic
Cr Chromium
Pb Lead
Hg Mercury
dPb Dissolved Lead

Soil Analytical Results and Contamination Extent
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By.:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 05

Sheet 05 of 07

ECI Environmental Services

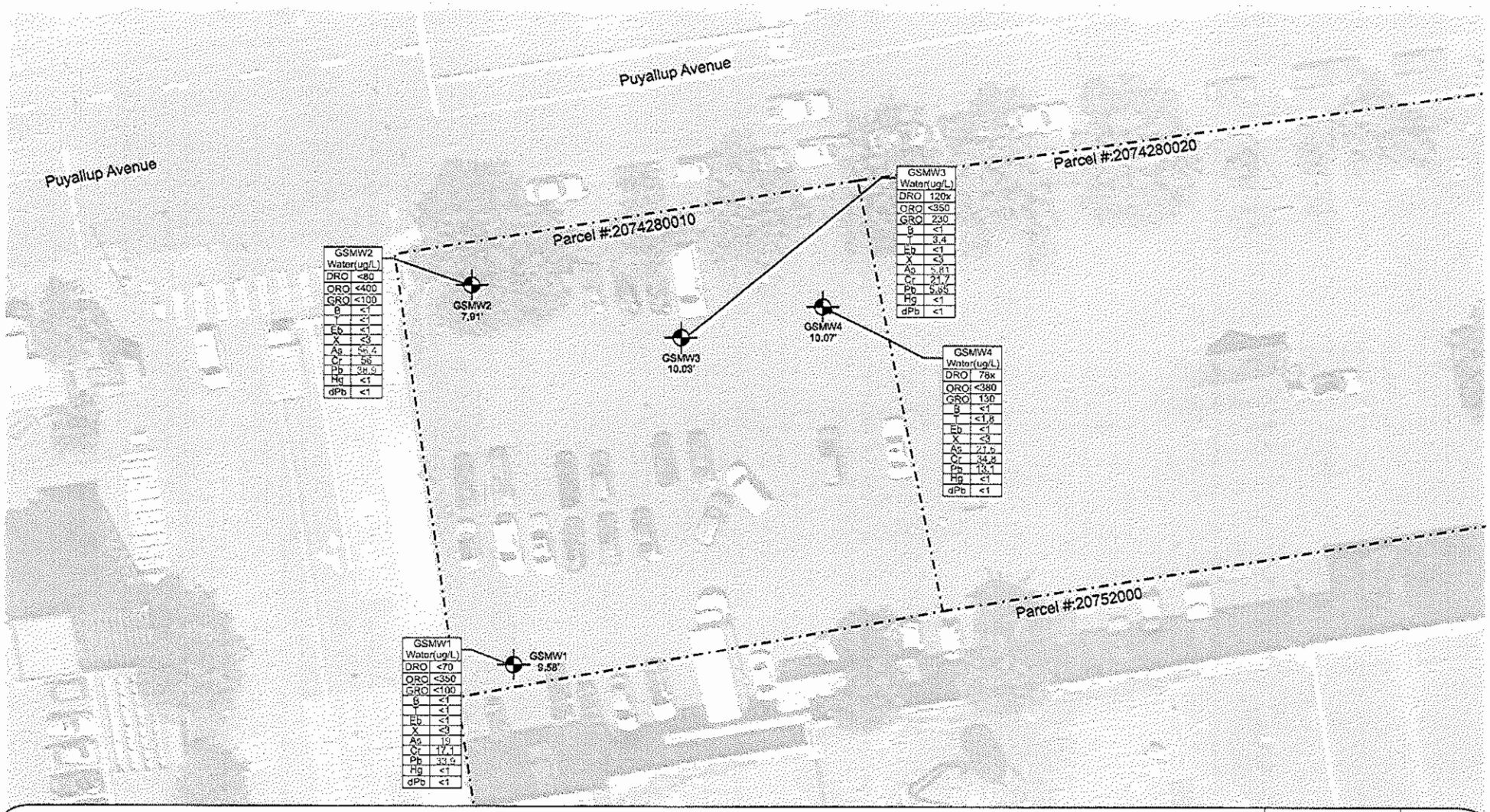

N

Approximate Scale

0' 5' 10' 15' 30' 60'

MW2 Legend
Monitoring Well Location.

DRO Diesel Range Organic
ORO Oil Range Organic
GRO Gasoline Range Organic
B Benzene
T Toluene
Eb Ethylbenzene
X Total Xylenes
As Arsenic
Cr Chromium
Pb Lead Total
Hg Mercury
dPb Dissolved Lead

Groundwater Analytical Results
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date:	December 22, 2017
Completed By:	K. Spencer
Reviewed By:	S. Spencer
Version:	ECI-001
Project No.:	0267-07-02

Figure No.: 06

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Environmental Consulting Services

Primary Source	Contaminants of Parental Concern	Media of Concern	Transport Mechanisms
Releases of Petroleum Hydrocarbons From Leaking Underground Storage Tank Pipins	Gasoline Range Organics Diesel Range Organics Oil Range Organics [X] Adsorbed into Soil [X] Dissolved in Water [ ] non-aqueous phase	[X] Surface Soil (0-2 feet bgs)	[X] Direct Release to soil [X] Migration to subsurface soil [X] Migration to groundwater [X] Volatilization [ ] Runoff or erosion [ ] Uptake by plant or animal [ ] Other (List) _____
		[X] Soil (. 2 feet bgs)	[X] Direct Release to soil [X] Migration to groundwater [X] Volatilization [ ] Other (List) _____
		[X] Groundwater	[X] Release to groundwater [X] Volatilization [ ] Future migration to surface water [ ] Future migration to sediment [ ] Uptake by plants or animal [ ] Other (List) _____
		[ ] Surface Water	[ ] Release to surface water [ ] Volatilization [ ] Sedimentation [ ] Uptake by plant or animal [ ] Other (List) _____
		[ ] Sediment	[ ] Release to Surface water [ ] Resuspension or erosion [ ] Uptake by plant or animal [ ] Other (List) _____

Exposure Media	Exposure Pathway	Commercial Industrial	Construction Worker	Residential/ Recreational	TEE Receptors
[X] Soil →	[X] Ingestion	C	C		
	[X] Dermal Exposure	C	C		
[X] Groundwater →	[X] Ingestion				
	[X] Dermal Exposure	F	F		
[X] Air →	[X] Inhalation	C	C	F	
[ ] Surface Water →	[ ] Ingestion				
	[ ] Dermal Exposure				
[ ] Sediment →	[ ] Ingestion				
	[ ] Dermal Exposure				

Conceptual Site Model and Exposure Pathways
Remedial Investigation
704 Puyallup Avenue
Tacoma, WA 98421

Date: December 22, 2017
Completed By: K. Spencer
Reviewed By.: S. Spencer
Version: CCI-001
Project No.: 0267-07-02

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Sheet 07 of 07

Appendix B – Project Tables

Table 1: Summary of Soil Boring Analytical Results

Table 2: Summary of Groundwater Analytical Results

Table 3: Groundwater Elevations

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Table 1 -Soil Sample Results
Former Texaco Service Station

704 Puyallup Avenue
Tacoma, Washington 98421

Sample Name	Date Sampled	Sample Depth	NWTPH-Dx Ext		NWTPH-Gx	EPA 8021B				EPA 7010			
			Diesel	Heavy Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Total Lead	Total Arsenic	Total Chromium	Total Mercury
		ft/bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
GSMW1-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.19	3.36	21.3	<1
GSMW1-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	2.97	3.40	21.1	<1
GSMW2-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	7.59	3.15	23.7	<1
GSMW2-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.63	2.49	24.5	<1
GSMW3-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.12	1.59	22.1	<1
GSMW3-10	10/25/17	10	<50	**820**	<5	<0.02	<0.02	<0.02	<0.06	3.72	1.09	25.3	<1
GSMW4-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	4.01	3.10	26.8	<1
GSMW4-10	10/25/17	10	<50	**1,100**	**6.1**	<0.02	<0.02	<0.02	<0.06	9.81	2.58	28.2	<1
B5-5	10/25/17	5	**500 x**	<250	**1,500**	<0.02	<0.02	**11**	**14**	6.53	2.97	20.2	<1
B5-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.93	2.79	29.7	<1
B6-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.13	2.86	23.2	<1
B6-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	5.17	1.94	24.2	<1
B7-5	10/25/17	5	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	3.94	4.03	18.0	<1
B7-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	4.93	4.12	24.5	<1
B8-5	10/25/17	5	**240 x**	**460**	<5	<0.02	<0.02	<0.02	<0.06	13.20	13.80	17.5	<1
B8-10	10/25/17	10	<50	<250	<5	<0.02	<0.02	<0.02	<0.06	2.54	2.87	19.2	<1
Laboratory Method Reporting Limits			50	250	5.0	0.02	0.02	0.02	0.06	1	1	1	1
MTCA Method A Cleanup Limits			2000	2000	100/30*	0.03	7	6	9	250	20	2000/19**	2

Bold = Analyte detected above the laboratory method reporting limits but below the MTCA Method A Cleanup Levels.
Bold Shaded = Analyte above MTCA Method A Cleanup Levels.
Values are reported in milligrams per kilogram (mg/kg)
ND = analyte not detected above the analytical method detection limit cited.
J = indicates an estimated value
*The cleanup level (CUL) for gasoline in soil is 100 mg/kg, but if benzene is present, then the CUL is 30 mg/kg.
**The cleanup level (CUL) for chromium III in soil is 2,000 mg/kg, and chromim VI CUL is 19 mg/kg
MTCA-A=Model Toxics Control Act Method A
NA=Not Applicable
x = The sample chromatographic pattern does not match the fuel standard used for quantitation

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Table 2 -Groundwater Sample Results
Former Texaco Service Station

704 Puyallup Avenue
Tacoma, Washington 98421

Well Number	Date Sampled	Sampling Quarter	Depth To Water	Top of Casing (Station Elevation)	Groundwater Elevation	NWTPH-Dx Ext		NWTPH-Gx	EPA 8021B				EPA 7010				
						Diesel	Heavy Oil	Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	Total Lead	Dissolved Lead	Total Arsenic	Total Chromium	Total Mercury
			ft	ft	ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
GSMW1	11/01/17	Q4	8.78	NA	NA	<70	<350	<100	<1	<1	<1	<3	**33.9**	<1	**19.0**	**17.1**	<1
GSMW2	11/01/17	Q4	9.18	NA	NA	<80	<400	<100	<1	<1	<1	<3	**38.9**	<1	**17.3**	**56.4**	<1
GSMW3	11/01/17	Q4	6.23	NA	NA	**120 x**	<350	**230**	<1	**3.4**	<1	<3	**5.64**	NA	**5.81**	**21.7**	<1
GSMW4	11/01/17	Q4	6.23	NA	NA	**78x**	<380	**130**	<1	**1.8**	<1	<3	**13.1**	NA	**21.6**	**34.8**	<1
Laboratory Method Reporting Limits						70	350	100.0	1	1	1	3	1	1	1	1	1
MTCA Method A Cleanup Limits						500	500	1000/800*	5	700	1000	1000	15	15	5	50	2

Bold = Analyte detected above the laboratory method reporting limits but below the MTCA Method A Cleanup Levels.
Bold Shaded = Analyte above MTCA Method A Cleanup Levels.
Values are reported in micrograms per liter (µg/L)
ND = analyte not detected above the analytical method detection limit cited.
J = indicates an estimated value
Station Elevation includes top of casing to surface + distance to top of casing
*The cleanup level (CUL) for gasoline in groundwater is 1000 µg/L, but if benzene is present, then the CUL is 800 µg/L.
MTCA-A=Model Toxics Control Act Method A
NANot Applicable
x = The sample chromatographic pattern does not match the fuel standard used for quantitation

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Table 3 Summary of Groundwater Elevation Data

704 Puyallup Avenue

Tacoma, Washington 98421

Well ID	Date of Measurement	Top of Casing Elevation (amsl)	Depth to Water	Groundwater Elevation (amsl)	Change in Elevation
		Measured in Feet			
GSMW1	11/01/17	18.36	8.78	9.58	--
GSMW2	11/01/17	17.09	9.18	7.91	--
GSMW3	11/01/17	16.26	6.23	10.03	--
GSMW4	11/01/17	16.20	6.13	10.07	--

Appendix C – Historical Analytical Data Tables

Appendix C
Historical Analytical Data Tables

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Table 6 - Water Sample Analytical Results
Polychlorinated Biphenyls
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	Polychlorinated Biphenyls (PCBs) Method 8082								
				Aroclor 1221	Aroclor 1232	Aroclor 1016	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor1260	Aroclor 1262	Total Aroclors
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H20	Boring B3	H2O	9/12/2006	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.35
	Laboratory Detection or Practical Quantitation Limit Soil			0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	--
	Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil			<0.1ug/L Total Arochlors								

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.

D= Detect exceeding HCID detection levels

Values are reported in milligrams per kilograms (mg/kg).

< # (ND) = analyte not detected above the analytical method detection limit cited.

MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.

bgs=below ground surface

NA=Not Applicable

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Table 7 - Soil Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth bgs	Sample Date	Polycyclic Aromatic Hydrocarbons (PAHs) Method 8270c															
				Naphtalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
				ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
B3-7-8'	Boring B3	7-8'	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B3-11-12'	Boring B3	11-12'	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B4-8.5-9'	Boring B4	8.5-9	9/12/2006	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Laboratory Detection or Practical Quantitation Limit Soil				5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 8 - Water Sample Analytical Results
Polycyclic Aromatic Hydrocarbons
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth bgs	Sample Date	Polycyclic Aromatic Hydrocarbons (PAHs) Method 8270c															
				Naphtalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
				ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
B3-H2O	Boring B3	H2O	9/12/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
B3-H2O	Boring B4	H2O	9/12/2006	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 9 - Soil Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1-7-8'	Boring B1	7-8'	9/12/2006	NA	NA	NA	54.80	NA
B1-10-12'	Boring B1	10-12'	9/12/2006	NA	NA	NA	3.45	NA
B2-3-4'	Boring B2	3-4'	9/12/2006	NA	NA	NA	4.81	NA
B2-7-8'	Boring B2	7-8'	9/12/2006	NA	NA	NA	3.45	NA
B2-10-10.5	Boring B2	10-10.5	9/12/2006	NA	NA	NA	6.03	NA
B3-7-8'	Boring B3	7-8'	9/12/2006	<1	<1	13.9	3.19	<0.2
B3-11-12'	Boring B3	11-12'	9/12/2006	<1	<1	19.3	5.56	<0.2
B4-7-8'	Boring B4	7-8'	9/12/2006	NA	NA	NA	5.17	NA

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Table 9 - Soil Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B4-8.5-9'	Boring B4	8.5-9'	9/12/2006	NA	NA	NA	10.00	NA
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				20	2	2000	250	2

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

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Table 10 - Groundwater Sample Analytical Results
Total Metals
Subsurface Investigation
725 E. 25th Street
Tacoma, Washington 98421

October 2, 2006

Sample Number	Sample Location	Sample Depth	Sample Date	MTCA 5 Metals				
				As - Total Arsenic	Cd - Total Cadmium	Cr - Total Chromium	Pb - Total Lead	Hg - Total Mercury
				ug/L	ug/L	ug/L	ug/L	ug/L
B1-H2O	Boring B1	H2O	9/12/2006	NA	NA	NA	**33.8**	NA
B3-H2O	Boring B3	H2O	9/12/2006	NA	NA	NA	6.3	NA
B3-H2O	Boring B3	H2O	9/12/2006	7.1	<1	**52.8**	**18.7**	<2
B4-H20	Boring B4	H2O	9/12/2006	NA	NA	NA	**20.5**	NA
Laboratory Detection or Practical Quantitation Limit Soil				0.1	0.1	0.1	0.1	0.1
Model Toxic Control Act (MTCA) Method A Cleanup Levels For Soil				5	5	50	15	2

BOLD/RED = Analyte above MTCA 2001 Method A Cleanup levels.
D= Detect exceeding HCID detection levels
Values are reported in milligrams per kilograms (mg/kg).
< # (ND) = analyte not detected above the analytical method detection limit cited.
MTCA 2001 Method A Cleanup Levels for Soil from the Model Toxics Control Act (MTCA) amendment Table 740-1 WAC 173-340 -900 Tables.
bgs=below ground surface
NA=Not Applicable

Appendix D – Boring Logs

Appendix D
Boring Logs

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Offices In: Anchorage | Tacoma | Portland

ECI environmental services www.ecocononline.com Anchorage | Tacoma | Portland	Project:	Focused Subsurface Investigation	Boring ID:	B5
	Location:	725 East 25th Street, Tacoma, Washington 98424	Project Number:	0267-07-02
	Client:	Spencer Law		

Date Start/Finish:	10/25/2017	Drilling Method:	Direct Push
Logged By:	Kaden Reed	Auger ID/OD:	--
Checked By:	David Polivka	Borehole ID/OD:	2 inches
Contractor:	Standard Environmental Probe	Sampler:	Macro Core 5
Operator:	Russel	Hammer Wt./Fall:	--
Boring Location:	See Appendix A, Figure 3	Ground Elevation:	--
Coordinates:	--	Water Depth:	10 feet
Weather:	Overcast	Boring Depth:	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3			0.0	No odor	Grayish brown, dry, coarse, loose, silty sand with gravel	SM	
4							
5	B5-5	1:20 PM	8.8	Odor			
6							
7							
8			6.7	Odor			
9				▼			
10	B5-10	1:25 PM	4.2	Odor ATD			
11			0.0	No odor			
12			0.0	No odor			
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation	**Boring ID:**	**B6**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	0267-07-02
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3			0.0	No odor	Light brown, dry, coarse, loose, silty sand with gravel	SM	
4							
5	B6-5	2:00 PM					
6							
7							
8			0.0	No odor	Light brown, dry, coarse, loose, silty sand with cobble	SM	
9			0.0	No odor	Gray, dry, coarse, loose, silty sand with cobble	SM	
10	B6-10	2:05 PM	0.0	No odorATD	Gray, wet, coarse, loose, silty sand with cobble	SM	
11							
12							
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation	**Boring ID:**	**B7**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	**0267-07-02**
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3			0.0	No odor	Reddish brown, dry, coarse, loose, silty sand with gravel	SM	
4			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
5	B7-5	2:25 PM					
6							
7							
8							
9							
10	B7-10	2:30 PM	0.0	No odorATD	Brown, wet, coarse, loose, silty sand with gravel	SM	
11							
12							
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation	**Boring ID:**	**B8**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	0267-07-02
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	12 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample Number	Time	PID Reading	Remarks	Soil and Rock Description	Unified Classification	Graphical Representation
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							
3							
4			0.0	No odor	Dark brown, dry, coarse, loose, silty sand with gravel	SM	
5	B8-5	2:45 PM					
6			0.0	No odor	Dark brown, dry, coarse, loose, silty sand with cobble	SM	
7							
8							
9							
10	B8-10	2:50 PM	0.0	No odorATD	Dark brown, wet, coarse, loose, silty sand with cobble	SM	
11							
12							
13					Termination of boring		
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes:

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Project:	Focused Subsurface Investigation
Location:	725 East 25th Street, Tacoma, Washington 98424
Client:	Spencer Law

Boring ID: GSMW1

Project Number: 0267-07-02

Date Start/Finish:	10/25/2017	Drilling Method:	Direct Push
Logged By:	Kaden Reed	Auger ID/OD:	--
Checked By:	David Polivka	Borehole ID/OD:	2 inches
Contractor:	Standard Environmental Probe	Sampler:	Macro Core 5
Operator:	Russel	Hammer Wt./Fall:	--
Boring Location:	See Appendix A, Figure 3	Ground Elevation:	--
Coordinates:	--	Water Depth:	10 feet
Weather:	Sunny	Boring Depth:	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification
1			0.0	No odor	Light brown, dry, coarse, loose, silty sand with gravel	SM
2						
3			0.0	No odor	Brown, dry, coarse, loose, silty sand with cobble	SM
4			0.0	No odor	Light brown, dry, coarse, loose, silty sand with cobble	SM
5	GSMW1-5	9:10 AM				
6						
7						
8						
9						
10	GSMW1-10	9:15 AM	0.0	No odor ATD	Light brown, wet, coarse, loose, silty sand with cobble	SM
11						
12			0.0	No odor	Gray, wet, coarse, loose, silty sand with cobble	SM
13						
14						
15						
16						
17					Termination of boring	
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

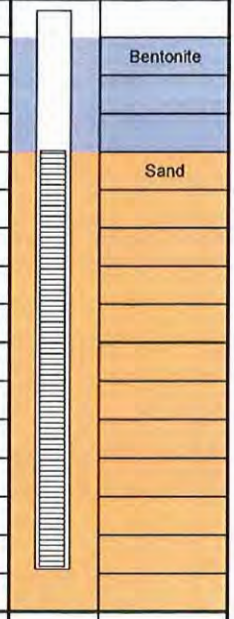

Notes: Well tag ID BJP 634

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Project:	Focused Subsurface Investigation	**Boring ID:**	**GSMW2**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	**0267-07-02**
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification	Well Construction Detail
1			0.0	No odor	Light brown, dry, coarse, loose, silty sand with gravel	SM	
2							Bentonite
3			0.0	No odor	Brown, dry, coarse, loose, silty sand with cobble	SM	
4			0.0	No odor			
5	GSMW2-5	10:15 AM					Sand
6							
7							
8							
9				No odor			
10	GSMW2-10	10:20 AM	14.2	Odor ATD	Brown, wet, coarse, loose, silty sand with cobble	SM	
11							
12			12.3	Odor	Gray, wet, coarse, loose, silty sand with cobble	SM	
13							
14			7.6				
15			0.0	No odor			
16							
17					Termination of boring		
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Well tag ID BJP 635

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Project:	Focused Subsurface Investigation	**Boring ID:**	**GSMW3**
Location:	725 East 25th Street, Tacoma, Washington 98424	**Project Number:**	**0267-07-02**
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	**Drilling Method:**	Direct Push
Logged By:	Kaden Reed	**Auger ID/OD:**	--
Checked By:	David Polivka	**Borehole ID/OD:**	2 inches
Contractor:	Standard Environmental Probe	**Sampler:**	Macro Core 5
Operator:	Russel	**Hammer Wt./Fall:**	--
Boring Location:	See Appendix A, Figure 3	**Ground Elevation:**	--
Coordinates:	--	**Water Depth:**	10 feet
Weather:	Overcast	**Boring Depth:**	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification	Well Construction Detail
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							Bentonite
3			0.0	No odor	Gray, dry, coarse, loose, silty sand with gravel	SM	
4			8.2	Odor			
5	GSMW3-5	11:10 AM					Sand
6							
7							
8			9.1	Odor			
9							
10	GSMW3-10	11:15 AM	9.8	Odor ATD	Gray, wet, coarse, loose, silty sand with gravel	SM	
11			7.2	Odor			
12			0.0	No odor			
13							
14							
15			0.0	No odor			
16							
17					Termination of boring		
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Well tag ID BJP 636

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Project:	Focused Subsurface Investigation	Boring ID:	GSMW4
Location:	725 East 25th Street, Tacoma, Washington 98424	Project Number:	0267-07-02
Client:	Spencer Law		

Date Start/Finish:	10/25/2017	Drilling Method:	Direct Push
Logged By:	Kaden Reed	Auger ID/OD:	--
Checked By:	David Polivka	Borehole ID/OD:	2 inches
Contractor:	Standard Environmental Probe	Sampler:	Macro Core 5
Operator:	Russel	Hammer Wt./Fall:	--
Boring Location:	See Appendix A, Figure 3	Ground Elevation:	--
Coordinates:	--	Water Depth:	10 feet
Weather:	Overcast	Boring Depth:	16 feet

Unified Soil Classification System

NON-COHESIVE SOILS	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
	GP	POORLY-GRADED GRAVEL
	GM	SILTY GRAVEL
	GC	CLAYEY GRAVEL
	SW	WELL-GRADED SAND, FINE TO COARSE SAND
	SP	POORLY-GRADED SAND
	SM	SILTY SAND
	SC	CLAYEY SAND
COHESIVE SOILS	ML	SILT
	CL	CLAY
	OL	ORGANIC SILT, ORGANIC CLAY
	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
	CH	CLAY OF HIGH PLASTICITY, FAT CLAY
	OH	ORGANIC CLAY, ORGANIC SILT
	PT	PEAT

Depth (ft bgs)	Sample No.	Time	PID Reading	Remarks: Odor, Sheen, Etc	Soil and Rock Description	Unified Classification	Well Construction Detail
1			0.0	No odor	Brown, dry, coarse, loose, silty sand with gravel	SM	
2							Bentonite
3			0.0	No odor	Gray, dry, coarse, loose, silty sand with gravel	SM	
4							
5	GSMW4-5	12:50 PM					Sand
6							
7							
8							
9							
10	GSMW4-10	12:55 PM	9.1	Odor ATD	Gray, wet, coarse, loose, silty sand with gravel	SM	
11							
12			8.3	Odor			
13					Unrecoverable due to liquefaction of the soil within the core		
14							
15							
16							
17					Termination of boring		
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Notes: Well tag ID BJP 637. The soil from the 13 feet to 16 feet core was unrecoverable due to the liquefied contents emptying out when retrieving the core.

Appendix E – Terrestrial Ecological Evaluation Forms

Appendix E
Terrestrial Ecological Evaluation Forms

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Providing Practical Environmental Compliance Solutions
Offices in: Anchorage | Tacoma | Portland

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: Former Texaco Service Station	
Facility/Site Address: 704 Puyallup Avenue	
Facility/Site No:	VCP Project No.:

Step 2: IDENTIFY EVALUATOR			
Please identify below the person who conducted the evaluation and their contact information.			
Name: David Polivka			Title: Senior Hydrogeologist
Organization: ECI, Inc.			
Mailing address: P.O. 153			
City: Fox Island		State: WA	Zip code: 98333
Phone: 360-349-0851	Fax: 253-369-6228	E-mail: david @eci.us	

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2**.*

☐ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous# undeveloped± land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☒ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

± "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

"Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☐ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☐ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☐ No issues were identified during the problem formulation step.
- ☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*

☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use? *Check all that apply. See* WAC 173-340-7493(3).

☐ Literature surveys.

☐ Soil bioassays.

☐ Wildlife exposure model.

☐ Biomarkers.

☐ Site-specific field studies.

☐ Weight of evidence.

☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

☐ Confirmed there was no problem.

☐ Confirmed there was a problem and established site-specific cleanup levels.

5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.

Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Appendix F – Project Analytical Datasheets

Appendix E
Project Analytical Datasheets

Providing Practical Environmental Compliance Solutions
Environmental Services

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 6, 2017

David Polivka, Project Manager
EcoCon, Inc.
15 S. Oregon Ave, Suite 110
Tacoma, WA 98409

Dear Mr Polivka:

Included are the results from the testing of material submitted on October 26, 2017 from the 0267-07-02, F&BI 710416 project. There are 39 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Steve Spencer
EMS1106R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 26, 2017 by Friedman & Bruya, Inc. from the EcoCon 0267-07-02, F&BI 710416 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	EcoCon
710416 -01	GSMW1-5
710416 -02	GSMW1-10
710416 -03	GSMW2-5
710416 -04	GSMW2-10
710416 -05	GSMW3-5
710416 -06	GSMW3-10
710416 -07	GSMW4-5
710416 -08	GSMW4-10
710416 -09	B5-5
710416 -10	B5-10
710416 -11	B6-5
710416 -12	B6-10
710416 -13	B7-5
710416 -14	B7-10
710416 -15	B8-5
710416 -16	B8-10

A 6020A internal standard failed the acceptance criteria for several samples due to matrix interferences. The data were flagged accordingly. The samples were diluted and reanalyzed.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/31/17
Date Analyzed: 10/31/17 and 11/01/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-132)
GSMW1-5 710416-01	<0.02	<0.02	<0.02	<0.06	<5	86
GSMW1-10 710416-02	<0.02	<0.02	<0.02	<0.06	<5	86
GSMW2-5 710416-03	<0.02	<0.02	<0.02	<0.06	<5	80
GSMW2-10 710416-04	<0.02	<0.02	<0.02	<0.06	<5	86
GSMW3-5 710416-05	<0.02	<0.02	<0.02	<0.06	<5	84
GSMW3-10 710416-06	<0.02	<0.02	<0.02	<0.06	<5	88
GSMW4-5 710416-07	<0.02	<0.02	<0.02	<0.06	<5	85
GSMW4-10 710416-08	<0.02	<0.02	<0.02	<0.06	6.1	84
B5-5 710416-09 1/10	<0.2	<0.2	11	14	1,500	131
B5-10 710416-10	<0.02	<0.02	<0.02	<0.06	<5	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/31/17
Date Analyzed: 10/31/17 and 11/01/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-132)
B6-5 710416-11	<0.02	<0.02	<0.02	<0.06	<5	83
B6-10 710416-12	<0.02	<0.02	<0.02	<0.06	<5	86
B7-5 710416-13	<0.02	<0.02	<0.02	<0.06	<5	84
B7-10 710416-14	<0.02	<0.02	<0.02	<0.06	<5	86
B8-5 710416-15	<0.02	<0.02	<0.02	<0.06	<5	90
B8-10 710416-16	<0.02	<0.02	<0.02	<0.06	<5	87
Method Blank 07-2364 MB	<0.02	<0.02	<0.02	<0.06	<5	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/27/17
Date Analyzed: 10/27/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
GSMW1-5 710416-01	<50	<250	83
GSMW1-10 710416-02	<50	<250	84
GSMW2-5 710416-03	<50	<250	100
GSMW2-10 710416-04	<50	<250	85
GSMW3-5 710416-05	<50	<250	83
GSMW3-10 710416-06	<50	820	85
GSMW4-5 710416-07	<50	<250	84
GSMW4-10 710416-08	<50	1,100	99
B5-5 710416-09	500 x	<250	85
B5-10 710416-10	<50	<250	84
B6-5 710416-11	<50	<250	84
B6-10 710416-12	<50	<250	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416
Date Extracted: 10/27/17
Date Analyzed: 10/27/17

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 56-165)
B7-5 710416-13	<50	<250	85
B7-10 710416-14	<50	<250	85
B8-5 710416-15	240 x	460	85
B8-10 710416-16	<50	<250	84
Method Blank 07-2402 MB2	<50	<250	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-01
Date Analyzed:	10/30/17	Data File:	710416-01.118
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.36
Chromium	19.7 J
Lead	3.19
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-01 x5
Date Analyzed:	11/01/17	Data File:	710416-01 x5.090
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	21.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-02
Date Analyzed:	10/30/17	Data File:	710416-02.119
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.40
Chromium	20.1 J
Lead	2.97
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-02 x5
Date Analyzed:	11/01/17	Data File:	710416-02 x5.091
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	21.1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-03
Date Analyzed:	10/30/17	Data File:	710416-03.120
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.15
Chromium	21.9 J
Lead	7.59
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-03 x5
Date Analyzed:	11/01/17	Data File:	710416-03 x5.092
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	23.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-04
Date Analyzed:	10/30/17	Data File:	710416-04.121
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.49
Chromium	24.6 J
Lead	3.63
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-04 x5
Date Analyzed:	11/02/17	Data File:	710416-04 x5.052
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.5

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-05
Date Analyzed:	10/30/17	Data File:	710416-05.122
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.59
Chromium	21.6 J
Lead	3.12
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-05 x5
Date Analyzed:	11/02/17	Data File:	710416-05 x5.053
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	22.1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-06
Date Analyzed:	10/30/17	Data File:	710416-06.123
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.69
Chromium	25.8 J
Lead	3.72
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-06 x5
Date Analyzed:	11/02/17	Data File:	710416-06 x5.054
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	25.3

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-07
Date Analyzed:	10/30/17	Data File:	710416-07.124
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.10
Chromium	27.7 J
Lead	4.01
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-07 x5
Date Analyzed:	11/02/17	Data File:	710416-07 x5.055
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	26.8

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-08
Date Analyzed:	10/30/17	Data File:	710416-08.130
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.58
Chromium	28.6 J
Lead	9.81
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-08 x5
Date Analyzed:	11/02/17	Data File:	710416-08 x5.056
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	28.2

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-09
Date Analyzed:	10/30/17	Data File:	710416-09.131
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.97
Chromium	19.7 J
Lead	6.53
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-09 x5
Date Analyzed:	11/02/17	Data File:	710416-09 x5.065
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	20.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-10
Date Analyzed:	10/30/17	Data File:	710416-10.132
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.79
Chromium	28.8 J
Lead	3.93
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B5-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-10 x5
Date Analyzed:	11/02/17	Data File:	710416-10 x5.066
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	29.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B6-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-11
Date Analyzed:	10/30/17	Data File:	710416-11.133
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.86
Chromium	23.2
Lead	3.13
Mercury	<1

Analysis For Total Metals By EPA Method 6020A

Client ID:	B6-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-12
Date Analyzed:	10/30/17	Data File:	710416-12.134
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.94
Chromium	24.0 J
Lead	5.17
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B6-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-12 x5
Date Analyzed:	11/02/17	Data File:	710416-12 x5.067
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B7-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-13
Date Analyzed:	10/30/17	Data File:	710416-13.135
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.03
Chromium	18.0
Lead	3.94
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B7-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-14
Date Analyzed:	10/30/17	Data File:	710416-14.136
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.12
Chromium	23.8 J
Lead	4.93
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B7-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-14 x5
Date Analyzed:	11/02/17	Data File:	710416-14 x5.068
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	24.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B8-5	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-15
Date Analyzed:	10/30/17	Data File:	710416-15.137
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	13.8
Chromium	17.5
Lead	13.2
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B8-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-16
Date Analyzed:	10/30/17	Data File:	710416-16.138
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.87
Chromium	17.8 J
Lead	2.54
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	B8-10	Client:	EcoCon
Date Received:	10/26/17	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	710416-16 x5
Date Analyzed:	11/02/17	Data File:	710416-16 x5.069
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	19.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	Method Blank	Client:	EcoCon
Date Received:	NA	Project:	0267-07-02, F&BI 710416
Date Extracted:	10/30/17	Lab ID:	I7-608 mb
Date Analyzed:	10/30/17	Data File:	I7-608 mb.077
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Chromium	<1
Lead	<1
Mercury	<1

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 710416-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	91	66-121
Toluene	mg/kg (ppm)	0.5	92	72-128
Ethylbenzene	mg/kg (ppm)	0.5	99	69-132
Xylenes	mg/kg (ppm)	1.5	97	69-131
Gasoline	mg/kg (ppm)	20	85	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 710419-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	14,000	29 b	15 b	73-135	64 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/17
Date Received: 10/26/17
Project: 0267-07-02, F&BI 710416

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020A

Laboratory Code: 710455-04 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	104	102	75-125	2
Chromium	mg/kg (ppm)	50	19.9	108	99	75-125	9
Lead	mg/kg (ppm)	50	16.9	98	102	75-125	4
Mercury	mg/kg (ppm	5	<5	98	103	75-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	105	80-120
Chromium	mg/kg (ppm)	50	112	80-120
Lead	mg/kg (ppm)	50	106	80-120
Mercury	mg/kg (ppm)	5	91	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

710416

SAMPLE CHAIN OF CUSTODY

ME 10-26-17

BIY / VBY

Page # 1 of 2

Send Report To David Polivka + Stephen Spencer

Company ECI

Address PO Box 157

City, State, ZIP Fox Island, WA 98333

Phone # Fax #

Email Address David@ecocon.us SSpencer@ecocon.us

SAMPLERS (signature)

PROJECT NAME/NO. 0267.07-02

PO # 0267-07-02

PROJECT ADDRESS

· ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel + Oil	TPH-Gasoline	BTEX by 8021B + GAS	VOCs by 8260	SVOCs by 8270	HFS	Total Arsenic, Chromium	Total Pb, Mercury				Notes
GSMW1-5	01A-F	10/25/17	0910	S	6	X		X				X	X				
GSMW1-10	02		0915														
GSMW2-5	03		1015														
GSMW2-10	04		1020														
GSMW3-5	05		1110														
GSMW3-10	06		1115														
GSMW4-5	07		1250														
GSMW4-10	08		1255														
B5-5	09		1320														
B5-10	10		1325														

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044
FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Kaylee Reed	ECI	10/26/17	0815
Received by:	D Smith	D Smith	FedEx SDC	10/26	9:15am
Relinquished by:					
Received by:		Nhan Phan	FCBI	10/26/17	11:08

Samples received at 1 °C

710416

SAMPLE CHAIN OF CUSTODY

ME 10-26-17

BEH/1/84

Page 1 of 2

Send Report To David Polivka & Stephen Spencer

Company ECI

Address

City, State, ZIP

Phone # Fax #

Email Address

SAMPLERS (signature)

PROJECT NAME/NO. 0267-07-02

PO # 0267-07-02

PROJECT ADDRESS

ELECTRONIC DATA REQUESTED

TURNAROUND TIME
- Standard Turnaround
- RUSH

Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Return samples
- Will call with instructions

Samples Received at ____ °C

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel + OIL	TPH-Gasoline	BTEX by 8021B + GAS	VOCs by 8260	SVOCs by 8270	HFS	Total Arsenic + Chromium	Total Pb + mercury				Notes
B6-5	11 A-F	10/25/17	1400	S	6	X		X				X	X				
B6-10	12		1405														
B7-5	13		1425														
B7-10	14		1430														
B8-5	15		1445														
B8-10	16		1450														

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Kaden Reed	ECI	10/26/17	0915
Received by:	S Smith	S Smith	FedEx Sbc	10/26/17	9:15 am
Relinquished by:					
Received by:		Nhan Phan	FaBI	10/26/17	1108

Samples received at 1 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 10, 2017

David Polivka, Project Manager
EcoCon, Inc.
15 S. Oregon Ave, Suite 110
Tacoma, WA 98409

Dear Mr Polivka:

Included are the results from the testing of material submitted on November 2, 2017 from the 0267-07-02, F&BI 711049 project. There are 19 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Steve Spencer
EMS1110R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 2, 2017 by Friedman & Bruya, Inc. from the EcoCon 0267-07-02, F&BI 711049 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	EcoCon
711049 -01	GSMW1
711049 -02	GSMW2
711049 -03	GSMW3
711049 -04	GSMW4

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049
Date Extracted: 11/02/17
Date Analyzed: 11/03/17

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
GSMW1 711049-01	<1	<1	<1	<3	<100	92
GSMW2 711049-02	<1	<1	<1	<3	<100	90
GSMW3 711049-03	<1	3.4	<1	<3	230	86
GSMW4 711049-04	<1	1.8	<1	<3	130	89
Method Blank 07-2448 MB	<1	<1	<1	<3	<100	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049
Date Extracted: 11/03/17
Date Analyzed: 11/03/17

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported as ug/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-134)
GSMW1 711049-01 1//1.4	<70	<350	88
GSMW2 711049-02 1/1.6	<80	<400	82
GSMW3 711049-03 1/1.4	120 x	<350	87
GSMW4 711049-04 1/1.5	78 x	<380	82
Method Blank 07-2469 MB2	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW1	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-01
Date Analyzed:	11/08/17	Data File:	711049-01.079
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	19.0
Chromium	17.1
Lead	33.9
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-02
Date Analyzed:	11/08/17	Data File:	711049-02.082
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	17.3
Chromium	42.3 J
Lead	38.9
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW2	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-02 x10
Date Analyzed:	11/09/17	Data File:	711049-02 x10.066
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Chromium	56.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW3	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-03
Date Analyzed:	11/08/17	Data File:	711049-03.083
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	5.81
Chromium	21.7
Lead	5.64
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	GSMW4	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	711049-04
Date Analyzed:	11/08/17	Data File:	711049-04.084
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	21.6
Chromium	34.8
Lead	13.1
Mercury	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020A

Client ID:	Method Blank	Client:	EcoCon
Date Received:	NA	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/08/17	Lab ID:	I7-628 mb
Date Analyzed:	11/08/17	Data File:	I7-628 mb.077
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1
Chromium	<1
Lead	<1
Mercury	<1

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW1 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-01
Date Analyzed:	11/07/17	Data File:	711049-01.049
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW2 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-02
Date Analyzed:	11/07/17	Data File:	711049-02.052
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW3 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-03
Date Analyzed:	11/07/17	Data File:	711049-03.053
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	GSMW4 f	Client:	EcoCon
Date Received:	11/02/17	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	711049-04
Date Analyzed:	11/07/17	Data File:	711049-04.054
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020A

Client ID:	Method Blank f	Client:	EcoCon
Date Received:	NA	Project:	0267-07-02, F&BI 711049
Date Extracted:	11/03/17	Lab ID:	I7-623 mb
Date Analyzed:	11/07/17	Data File:	I7-623 mb.047
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Laboratory Code: 711049-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Benzene	ug/L (ppb)	<1	<1	nm
Toluene	ug/L (ppb)	<1	<1	nm
Ethylbenzene	ug/L (ppb)	<1	<1	nm
Xylenes	ug/L (ppb)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	ug/L (ppb)	50	104	65-118
Toluene	ug/L (ppb)	50	102	72-122
Ethylbenzene	ug/L (ppb)	50	108	73-126
Xylenes	ug/L (ppb)	150	103	74-118

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	94	91	58-134	3

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS USING EPA METHOD 6020A

Laboratory Code: 711049-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	19.0	84	92	75-125	9
Chromium	ug/L (ppb)	20	17.1	92	100	75-125	8
Lead	ug/L (ppb)	10	33.9	90	106	75-125	16
Mercury	ug/L (ppb)	5	<1	80	81	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	88	80-120
Chromium	ug/L (ppb)	20	95	80-120
Lead	ug/L (ppb)	10	101	80-120
Mercury	ug/L (ppb)	5	94	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/10/17
Date Received: 11/02/17
Project: 0267-07-02, F&BI 711049

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR DISSOLVED METALS USING EPA METHOD 6020A

Laboratory Code: 711049-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	ug/L (ppb)	10	<1	89	90	75-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	ug/L (ppb)	10	102	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

711049

SAMPLE CHAIN OF CUSTODY

ME 11-02-17 VW6/AE2/ABY

Page # 1 of 1

Report To David Polivka + Stephen Spencer

Company ECI

Address PO Box 153

City, State, ZIP Fox Island, WA 98333

Phone Email David@ecocon.us sspencer@ecocon.us

SAMPLERS (signature)

PROJECT NAME 0267-07-02

PO # 0267-07-02

REMARKS

INVOICE TO

TURNAROUND TIME
- ☒ Standard Turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Archive Samples
- ☐ Other

ANALYSES REQUESTED

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	TPH-HCID	TPH-Diesel + OIL	TPH-Gasoline	BTEX by 8021B + CAB	VOCs by 8260C	SVOCs by 8270D	PAHs 8270D SIM	Total Arsenic + lead	Total Chromium	Total Mercury	Dissolved Lead	Notes
GSMW1	01 A-E	11/1/17	1300	W	5		X		X				X	X	X	*	* per KR 11/2/17
GSMW2	02	11/1/17	1340	W	5		X		X				X	X	X	*	
GSMW3	03	11/1/17	1420	W	5		X		X				X	X	X	*	
GSMW4	04	11/1/17	1500	W	5		X		X				X	X	X	*	

Samples received at 2 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: David A. Polivka	David A Polivka	ECI	~~11/1~~ 11/2	9:35
Received by:	Genesse Orlean	Fed ex	11/2	9:35
Relinquished by:				
Received by:	Nhan Phan	FEBI	11/2/17	12:00

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

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Tacoma Dome Link Extension

ATTACHMENT G

Phase I Environmental Site Assessment
TD 4461, TD 4476, TD 4506
Freighthouse Square
2501 East D Street and
602 E 25th Street
Tacoma, Washington

SOUNDTRANSIT

Phase I Environmental Site Assessment
TD 4461, TD 4476, TD 4506
Freighthouse Square
2501 East D Street and
602 E 25th Street
Tacoma, Washington

Prepared for

Sound Transit
Central Puget Sound Regional Transit Authority
401 S. Jackson Street
Seattle, WA 98104

Prepared by

Parametrix
719 2nd Avenue, Suite 200
Seattle, WA 98104
T. 206.394.3700 F. 1.855.542.6353
www.parametrix.com

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CITATION

Sound Transit. 2021. Phase I Environmental Site Assessment
TD 4461, TD 4476, TD 4506 Freighthouse Square
2501 East D Street and 602 E 25th Street Tacoma, WA.
Prepared by Parametrix, Seattle, Washington.
March 2021.

CERTIFICATION

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the *all appropriate inquiries* in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by Adam Romey, LG

Approved by Rick Wadsworth, PE

March 2021

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ACRONYMS AND ABBREVIATIONS

AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BNSF	Burlington Northern Santa Fe Railroad
CMMP	Contaminated Media Management Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CORRACTS	Resource Conservation and Recovery Act Corrective Action Report
cPAHs	Carcinogenic Polyaromatic Hydrocarbons
CREC	Controlled Recognized Environmental Condition
CSCSL	Confirmed and Suspected Contaminated Site
CSCSL NFA	Confirmed and Suspected Contaminated Site No Further Action
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
HBMS	Hazardous Building Materials Survey
HREC	Historical Recognized Environmental Conditions
ICR	Independent Cleanup Report
kg	Kilograms
LBP	Lead-based Paint
LUST	Leaking Underground Storage Tank
NFA	No Further Action
NPL	National Priorities List
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
pCi/L	Picocuries per Liter
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition

ACRONYMS AND ABBREVIATIONS (CONTINUED)

SEMS	Superfund Enterprise Management System
SPILLS	Reported Spills
TACS	Tacoma Amtrak Cascades Station
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension
TSD	Transportation, Storage, and Disposal
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VOCs	Volatile Organic Compounds

EXECUTIVE SUMMARY

Parametrix conducted a Phase I Environmental Site Assessment (ESA) for the Tacoma Dome Link Extension (TDLE) project in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as Tacoma Dome (TD) properties TD 4461, TD 4476, and TD 4505. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located on Pierce County Tax Lots 2075240013, 2075240011, and 2075220021 and is currently occupied by a number of commercial businesses and a passenger rail station. The subject property encompasses an area of approximately 1.6 acres and is zoned for mixed use. The subject property consists of a 54,916-square-foot building.

The first known development on the subject property was in the 1880s with isolated residences. By 1912, the freight house that still stands on the property was constructed. The subject property remained the same until a structure was added to on the east end by 1957. No significant changes were made to the subject property between 1957 and the present. However, a fire in 1992 destroyed the eastern portion of the building and was reconstructed. Surrounding land use has remained commercial and industrial. The rail station construction on the west end occurred in 2016.

No evidence of significant use or storage of hazardous substances and/or petroleum products was noted on or near the subject property during site reconnaissance. No evidence of distressed vegetation, spills or releases, dry wells, or other indications of environmental concern was identified during the site reconnaissance.

This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the subject property except for the following:

Recognized Environmental Conditions

The subject property is listed in both the Confirmed and Suspected Cleanup Site List (CSCSL) and CSCSL No Further Action (NFA) database. Contamination, likely originating from the former Olympic Ice and Machine Company, resulted in soil and groundwater impacts at the subject property. Diesel and oil-range hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and metals have been detected in soil and groundwater. Cleanup levels were exceeded for carcinogenic PAHs (cPAHs) and oil-range hydrocarbons in soil. Diesel and arsenic exceeded cleanup levels in groundwater. The site received a conditional NFA in 2003 with the implementation of a restrictive covenant that dictates groundwater and land use at the site. The presence of residual soil and groundwater contamination at the subject property represents a controlled REC (CREC).

Data Gaps

An on-site reconnaissance and interview were not able to be conducted with a property representative to identify any potential environmental conditions and to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

1. INTRODUCTION

Parametrix was retained by Sound Transit to conduct a Phase I Environmental Site Assessment (ESA) on the site located at 2501 East D Street and 602 E 25th Street in Tacoma, Washington (herein referred to as the subject property; see Figure 1), as part of the Tacoma Dome Light Rail Extension (TDLE) project. The subject property includes Pierce County parcels 2075240013, 2075240011, and 2075220021 (TDLE parcel IDs TD 4461, TD 4476, and TD 4506, respectively). The subject property, known as Freighthouse Square, is a former train station currently housing commercial properties. The Phase I ESA was conducted to support environmental due diligence related to potential acquisition of the property associated with the TDLE project.

The subject property encompasses approximately 1.6 acres and includes a single structure (a former railway station) that houses a number of commercial businesses as well as the Tacoma Dome Station for the Amtrak Sounder rail line. The structure was constructed in 1909 and is 54,916 square feet in size. The boundaries of the subject property are shown in Figure 2.

This Phase I ESA includes a review of available documentation pertaining to the subject property, a site reconnaissance, and a review of pertinent public agency documents. The Phase I ESA consisted of two distinct tasks: (1) a review of documents and of oral information (if available) and (2) a site examination. Conclusions and recommendations in this report are based solely on observed evidence and data collected during the performance of this assessment.

1.1 Purpose

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which defines the generally accepted industry practices and procedures currently applicable at the time and place of this study. The Phase I ESA is intended to permit the user to satisfy the requirements to qualify for the bona fide prospective purchaser limitation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and, as such, constitutes "all appropriate inquiries in the previous ownership and uses of the property consistent with good commercial or customary practice" as defined by 42 United States Code (USC) §9601 (35)(B).

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs) on or near the subject property. The term Recognized Environmental Conditions is defined in ASTM Standard E1527-13 as:

> "…the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the environment; or (3) under conditions that pose a threat of a future *release* to the environment. *De minimis conditions* are not *recognized environmental conditions*."

In accordance with ASTM Standard E1527-13, some RECs may be further defined as historical recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs).

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Figure_1.mxd

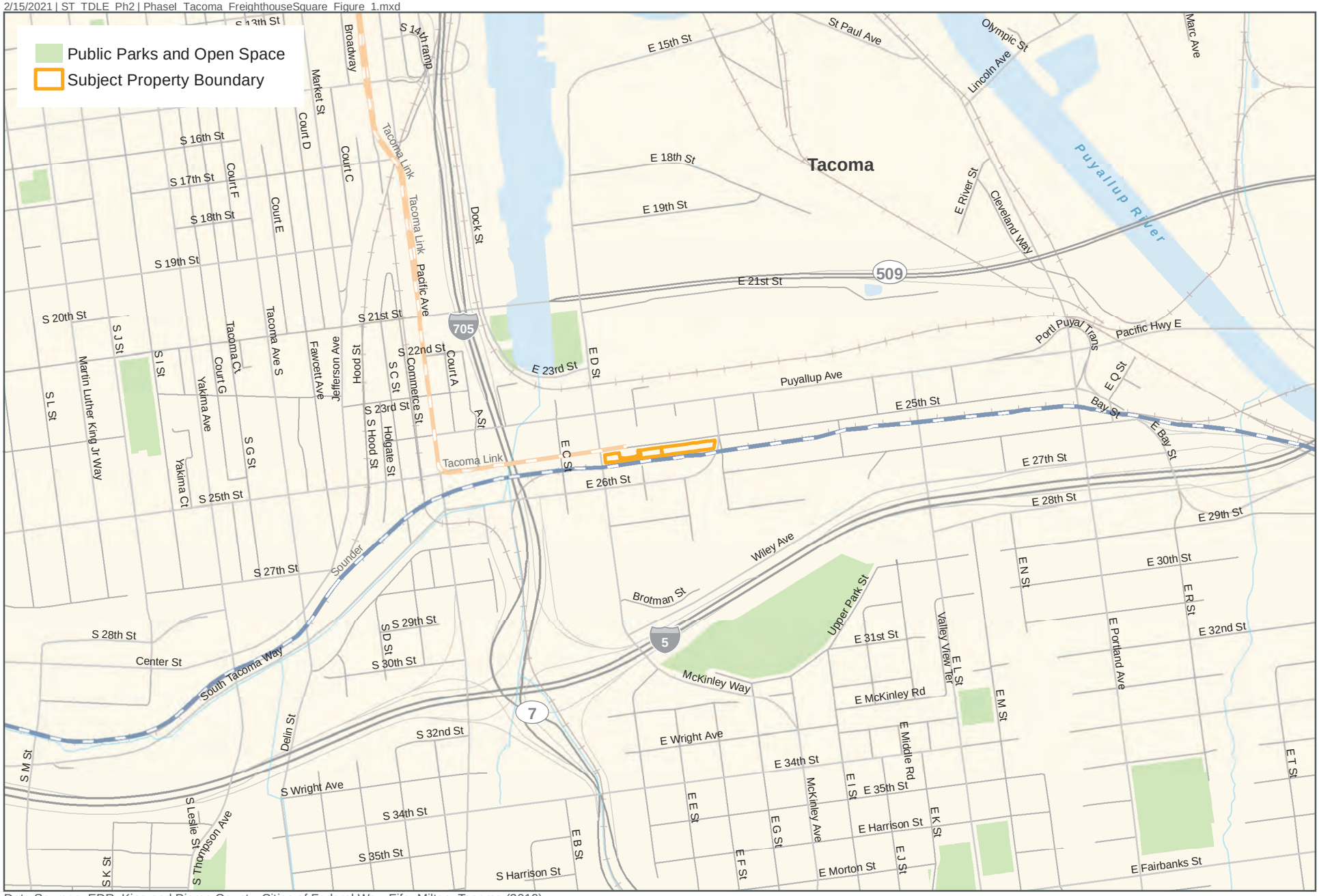

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 1

Site Vicinity Map

Freighthouse Square

2501 East D Street and 602 E 25th Street, Tacoma, WA

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Figure_2.mxd

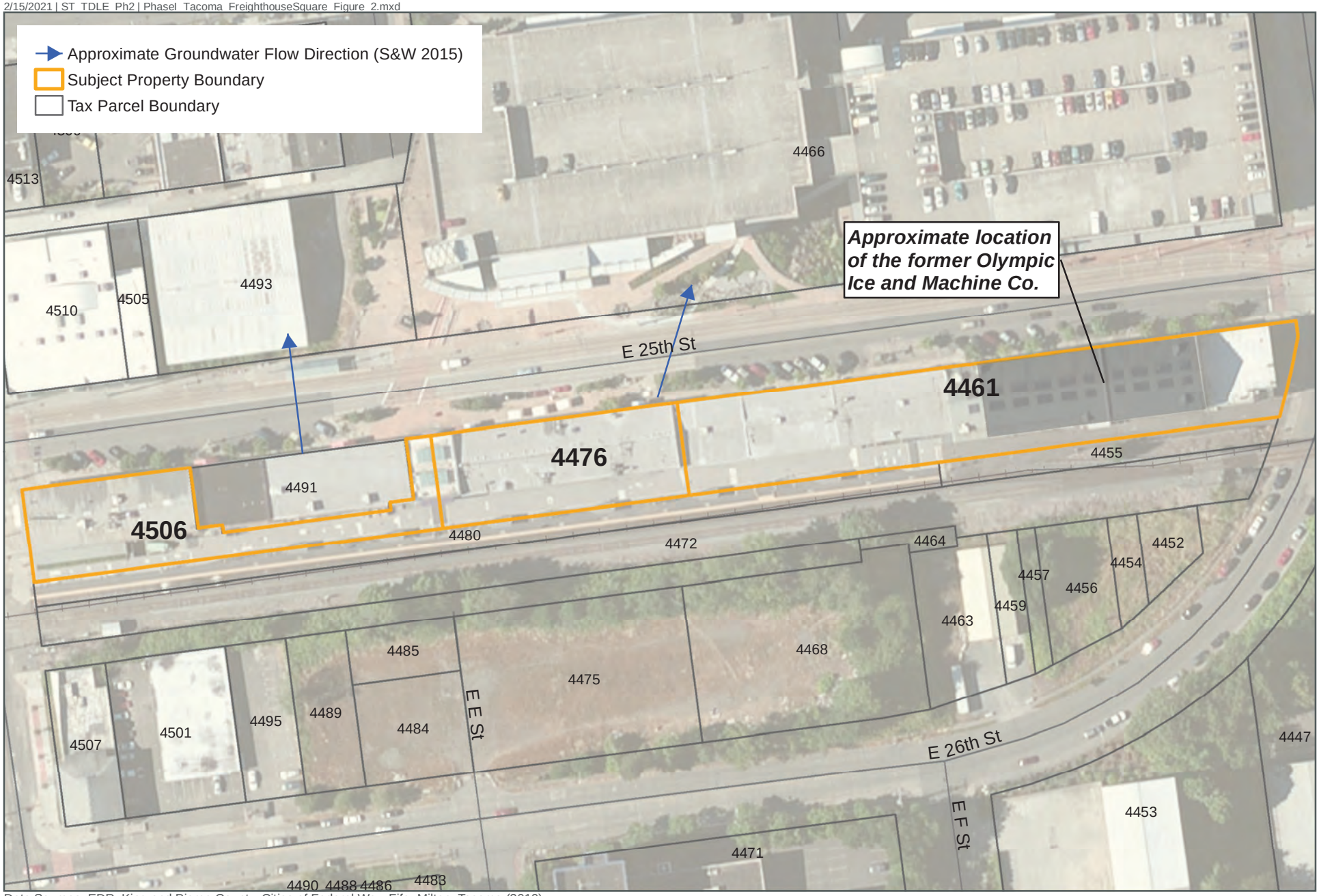

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 125 250 Feet

FIGURE 2
Site Map
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

An HREC is defined as:

> "…*a past release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls."

A CREC is defined as:

> "…*a recognized environmental condition* resulting from a past *release of hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority, with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls."

This Phase I ESA endeavors to identify RECs, HRECs, and/or CRECs at the subject property.

1.2 Significant Assumptions

This assessment was conducted in accordance with generally accepted industry practices and procedures within the scope of work authorized at the time and place of this study. Parametrix's observations are limited to those areas to which it had access on the subject property.

Phase I ESA methodology included viewing accessible areas of the subject property on foot. No visual reconnaissance was possible inside the buildings on the subject property. Unless otherwise stated, no exceptions to the guidelines presented in ASTM E1527-13 were made during completion of this Phase I ESA.

1.3 Limitations

The findings, conclusions, and recommendations presented in this report are based on site conditions and the best available information known or made available by regulators, other consultants, or other sources at the time of the investigation. Parametrix conducted a diligent search and investigation in compliance with prevailing standards of the profession; however, certain adverse conditions may exist at the site but were not detected at the time of the investigation.

The services provided under this contract, as described in this report, include professional opinions and judgments based on data collected. These services have been provided according to generally accepted engineering practices. The opinions and conclusions contained in this report are typically based on information obtained from the following:

- Observations and measurements made by Parametrix field staff
- Contacts and discussions with regulatory agencies and others
- Review of available hazardous substance or solid waste lists
- Opinions and judgments of Parametrix based on the information available

In the professional judgment of Parametrix, the services performed pursuant to the scope of services are an adequate basis to collect data for a preliminary evaluation of the site and upon which to draw the conclusions stated in this report.

2. SUBJECT PROPERTY DESCRIPTION

The following sections summarize the location, characteristics, and physical setting of the subject property.

2.1 Location

The subject property is located at 2501 East D Street and 602 E 25th Street in Tacoma, Washington. It is a 1.6 acre property bounded by East 25th Street and the Burlington Northern Santa Fe (BNSF) railroad tracks to the north and south, respectively, and by East D Street and East G Street to the west and east, respectively. According to the Pierce County Assessment Office, Time in Space LLC is the current owner of the subject property. The subject property includes Pierce County parcels 2075240013, 2075240011, and 2075220021 (TDLE parcel IDs TD 4461, TD 4476, and TD 4506, respectively). The site location is shown on Figure 1. The boundaries of the subject property and project construction footprint are shown on Figure 2.

2.2 Site and Vicinity Characteristics

The subject property includes a former railroad warehouse and office (54,916 square feet, built in 1909). The building currently houses a number of commercial businesses, including shops and restaurants as well as a station for the Amtrak Sounder rail line.

The vicinity of the subject property is developed for industrial and commercial uses. Properties in the direct vicinity include Tacoma Dome Station parking garages to the north, BNSF tracks to the south, Sluggo Brewing and HJB Marine to the south across the railroad tracks, and a parking lot to the west (Figure 2).

2.3 Physical Setting

The subject property is at an elevation of approximately 55 feet above mean sea level. The topography of the site gently slopes northeasterly towards the Puyallup River and Puyallup basin (USGS 2020). Soils in the area of the subject property are mapped as Alderwood gravelly sandy loam by the U.S. Department of Agriculture (USDA 1955). These are described as moderately well drained. Made land is mapped just north of the Puyallup Avenue, near the subject property. The made land is dredged material that was deposited artificially over marshy tideflats for grading.

The surface geology of the subject property is mapped as Quaternary Vashon recessional outwash ice contact deposits and Quaternary pre-Fraser age coarse-grained deposits. These are described as sand and gravel to silty sand and gravel with some clay portions. These deposits generally have a high porosity and permeability.

The site is underlain by artificial fill. Groundwater at the site is found at a depth of approximately 15 to 20 feet below ground surface. The groundwater flow direction below the subject property is primarily to the north (Shannon & Wilson 2015).

The nearest surface water body is the Thea Foss Waterway located 1,700 feet northwest of the subject property. The Puyallup River is located 3,800 feet northeast of the subject property.

2.4 Current Use of the Property

The subject property currently houses a number of commercial businesses, including shops and restaurants, as well as the Tacoma Dome station for the Amtrak Sounder rail line. Access to commercial businesses and the rail station is from the north side of the building, and the rail tracks lie along the south side of the building. Zoning for all three parcels of the subject property is listed as Downtown Mixed Use (DMU).

2.5 Descriptions of Improvements on the Subject Property

Based on Pierce County property assessment records, the subject property includes 1.6 acres with a single structure originally constructed in 1909, and it is 54,916 square feet in size. An addition was constructed on the east side of the structure in 1956. The passenger rail station was constructed in the east end of the structure in 2016. The interior of the building is currently divided into a number of commercial spaces. The exterior of the building is finished with sidewalks and other hardscaping. Local records indicate that electricity, gas, water, and sanitary sewer are provided by local utilities.

2.6 Environmental Liens

An environmental lien is defined by ASTM as a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products. Based on information from King County records and the interview with the site manager, environmental liens do not appear to exist against the subject property. No evidence of environmental liens was identified during the Phase I ESA process.

3. RECORDS REVIEW

The purpose of the records review task was to gather environmental data on the subject property prior to the site examination. The information review consisted of two subtasks: 1) a review of regulatory databases to find sites, including and close to the subject property, listed by federal and State of Washington agencies and 2) a compilation of historical uses of the subject property and site vicinity properties to determine whether past operations pose an environmental risk to the subject property.

Information for agency database review is based, in part, on a report provided by Environmental Data Resources (EDR). The EDR Radius Map Report (EDR report) is a summary of state and federal database searches for sites of possible environmental concern and is included in Appendix B. Historical information is based on review of historical Sanborn Fire Insurance Maps (Appendix C) and aerial photographs (Appendix D).

The information review enabled Parametrix personnel to characterize the types of activities performed at the site and identify data gaps prior to the site examination, and it facilitated recognition of discrepancies between reported and observed data. Data gaps identified during the document review were addressed by interviewing Tacoma-Pierce County Health Department personnel, by making observations during the site examination or by additional detailed investigation of available records.

It should be noted that the information supplied by EDR is reported as Parametrix received it. EDR, in turn, reports information as it is provided in various government databases. It is not possible for either Parametrix or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The following sections present information from the document review.

3.1 Standard Environmental Record Sources

The following section summarizes information collected from database records maintained by the U.S. Environmental Protection Agency (EPA) and Ecology. The information includes details on sites identified in regulatory databases within recommended ASTM search distances. A complete listing of the databases reviewed is included in the EDR report (Appendix B). Only standard and key additional databases are listed below. Parametrix reviewed the information in the EDR report to screen properties in the vicinity of the subject property for sites with potential to impact the subject property. The screening process involved reviewing the types of listings, types of contaminants, proximity and position relative to the subject property, topography, and groundwater gradient. Listings for sites found in the standard environmental records sources that could not be screened to verify potential impacts to the subject property were further evaluated by file reviews (see Section 4).

3.1.1 Review of Washington State Department of Ecology Databases

The following subsections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases. Additional information regarding these sites was reviewed on Ecology's Integrated Site Information System website to supplement data gaps in the EDR report. Relevant database listings from Ecology include the following:

- Underground Storage Tank (UST) List
- Leaking Underground Storage Tank (LUST) List

- Confirmed and Suspected Cleanup Site List (CSCSL)
- Confirmed and Suspected Cleanup Site List – No Further Action (CSCSL-NFA)
- SPILLS
- Voluntary Cleanup Program (VCP)
- Independent Cleanup Report (ICR)
- Landfill and/or Solid Waste Disposal Site Lists
- Brownfields

3.1.1.1 Underground Storage Tank List

The Ecology UST List identifies registered USTs, which are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data were obtained from Ecology's UST Site/Tank Report database.

Information contained in the EDR report indicates that the subject property is not listed as a UST site. Nineteen additional UST sites were identified within 0.25 mile of the subject property. Of those nineteen, twelve are in close proximity (0.125 mile) to the subject property:

- F&E Investments site (401 E 25th Street) is located approximately 100 feet north of the subject property. The site is reported to have had one tank that was removed in February 2020.
- Gary W Johnson site (323 E 26th Street) is located approximately 200 feet south of the subject property. The site is reported to have had one tank that was removed in February 2020.
- Spring Air NW site (725 E 25th Street) is located approximately 250 feet east of the subject property. The site is reported to have had one tank that was removed. This site is discussed in more detail in Sections 3.1.1.2 and 3.1.1.3.
- Don Engle Distributing site (2601 East F Street) is located approximately 340 feet south of the subject property. This site is reported to have had two tanks that were removed.
- Western Beer Distributors Inc site (712 E 26th Street) is approximately 360 feet southeast of the subject property. This site is reported to have one tank that was removed. This site is discussed in more detail in Section 3.1.1.3.
- Manna Pro Corp site (518 Puyallup Ave) is located approximately 370 feet north of the subject property. This site is reported to have three tanks that are in the process of closure. This site is discussed in more detail in Section 3.1.1.3.
- Discovery site (502 Puyallup Ave) is located approximate 370 feet north of the subject property. This site is reported to have one tank that is in the process of being closed.
- Salvation Army ARC site (409 Puyallup Ave) is located approximately 450 feet north of the subject property. The site is reported to have had one tank that was removed and closed in 2015.
- Clevinger Truck Service site (423 Puyallup Ave) is located approximately 500 feet north of the subject property. This site is reported to have eight tanks that were removed and closed. This site is discussed in more detail in Section 3.1.1.3.

- Frontier Transportation site (217 E 25th Ave) is located approximately 560 feet west of the subject property. The site is reported to have had two tanks that were removed.
- Gonzales Motors site (301 Puyallup Ave) is located approximately 570 feet northwest of the subject property. This site is reported to have three tanks that were removed. This site is discussed in more detail in Section 3.1.1.3.
- Pacific Charter School site (2300 East E Street) is located approximately 580 feet north of the subject property. This site is reported have had one tank that was removed and closed. This site is discussed in more detail in Section 3.1.1.3.

Unless otherwise noted, the mere presence of a UST near a site does not, in itself, constitute a REC. Where available, other information was reviewed regarding the presence of a UST, including the age of the facility, proximity to the subject property, and known releases or spills. UST sites that have had known releases are discussed in Sections 3.1.1.2 and 3.1.1.3.

3.1.1.2 Leaking Underground Storage Tank List

The LUST Incident Report contains an inventory of reported leaking UST incidents. The data were obtained from Ecology's LUST Database List. The subject property is not listed as a LUST site.

Thirty-two LUST sites were identified within 0.5 mile of the subject property. Eight of these sites are located within 0.25 mile of the subject property:

- Spring Air NW site (725 E 25th Street) is located approximately 250 feet east of the subject property. The site is reported to have petroleum and polychlorinated biphenyls (PCBs) in soil below cleanup levels and petroleum in groundwater above cleanup levels. Cleanup has been initiated at this site. This site is discussed in more detail in Section 3.1.1.3.
- Western Beer Distributors Inc site (712 E 26th Street) is approximately 360 feet southeast of the subject property. This site is reported to have pesticides (remediated) and petroleum (above cleanup levels) in soil. The site was given an NFA determination for the LUST in 1996. Based on the location, regulatory status, and lack of groundwater impact, this site does not represent a REC for the subject property.
- Manna Pro Corp site (518 Puyallup Ave) is located approximately 370 feet north of the subject property. This site is reported to have petroleum in soil which was remediated. This site was given an NFA determination for the LUST in 2001. Based on the location, regulatory status, and lack of groundwater impact, this site does not represent a REC for the subject property.
- Clevinger Truck Service site (423 Puyallup Ave) is located approximately 500 feet north of the subject property. This site is reported to have confirmed metals, solvents, and gasoline in soil and suspected in groundwater. Cleanup has been initiated at this site. This site is discussed in more detail in Section 3.1.1.3.
- Gonzales Motors site (301 Puyallup Ave) is located approximately 570 feet northwest of the subject property. This site is reported to have had benzene, lead, and gasoline in soil. Soil at the site was remediated and the site received an NFA for the LUST in 2012. Based on the location, regulatory status, and lack of groundwater impact, this site does not represent a REC for the subject property.

- Pacific Charter School site (2300 East E Street) is located approximately 580 feet north of the subject property. This site is reported to have had benzene and gasoline in soil. Soil at the site was remediated and the site received an NFA for the LUST in 2019. Based on the location, regulatory status, and lack of groundwater impact, this site does not represent a REC for the subject property.
- Mendez Property site (910 Puyallup Ave) is located approximately 960 feet northeast of the subject property. The site is reported to have gasoline in soil and groundwater and cleanup has been started. This site is discussed in more detail in Section 3.1.1.3.
- Holland Quality Cleaners site (102 S 24th Street) is located approximately 1,300 feet west of the subject property. The site is reported to have benzene, gasoline, and lead in soil. Cleanup has been initiated at the site. Based on the distance from the site and lack of groundwater contamination, this site does not represent a REC for the subject property.

3.1.1.3 Confirmed and Suspected Contaminated Sites List

The state hazardous waste sites records are the states' equivalent to the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (the state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data were obtained from Ecology's CSCSL.

The subject property is identified as a CSCSL site. The Freighthouse Square, Amtrak Relocation site (Cleanup Site ID 14416) is reported to have petroleum and polycyclic aromatic hydrocarbons (PAHs) in soil and arsenic in groundwater confirmed above cleanup levels. Cleanup has been initiated at the site. The site is further discussed in Section 4.1.

Ninety CSCSL sites were identified within one mile of the subject property. Of the 90 sites, 46 are located within 0.5 mile of the subject property and five are located within 0.125 mile of the subject property:

- Spring Air NW site (725 E 25th Street) is located approximately 250 feet east of the subject property. The site is reported to have petroleum and PCBs in soil below cleanup levels and petroleum in groundwater above cleanup levels. Cleanup has been initiated at this site. Based on the location and understood direction of groundwater flow (to the north), this site does not represent a REC for the subject property.
- Former Texaco Service Station site (704 Puyallup Ave) is located approximately 350 northeast of the subject property. The site is reported to have petroleum and metals in soil and groundwater. Cleanup has been initiated at this site. Based on the location and understood direction of groundwater flow (to the north), this site does not represent a REC for the subject property.
- Stone Property Transit site (E 25th and East C Street) is located approximately 410 feet west of the subject property. This site is reported to have arsenic and other metals, petroleum, and PAHs in soil and is suspected to have metals, petroleum, PAHs in groundwater. The site is reported to have started cleanup. Based on understood local groundwater flow direction, the downgradient location, and distance from the subject property, this site does not represent a REC for the subject property.
- Clevinger Truck Service site (423 Puyallup Ave) is located approximately 500 feet north of the subject property. This site is reported to have confirmed metals, solvents, and gasoline in soil

and suspected in groundwater. Cleanup has been initiated at this site. Based on understood local groundwater flow direction, the downgradient location, and distance from the subject property, this site does not represent a REC for the subject property.

- South Sound Radiator site (509 Puyallup Ave) is located approximately 510 feet north of the subject property. The site is reported to have confirmed petroleum and non-halogenated organics in soil and the same contaminants suspected in groundwater. The site is currently awaiting cleanup. Based on understood local groundwater flow direction, the downgradient location, and distance from the subject property, this site does not represent a REC for the subject property.

A subset of the CSCSL is the CSCSL NFA. The database contains information about sites previously on the CSCSL that have received an NFA determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when clean-up activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

The subject property (Freighthouse Square, Cleanup Site ID 719) is listed as a CSCSL NFA site and was granted an NFA in 2003. This is discussed further in the File Review in Section 4.1. Eight other CSCSL NFA sites are reported within approximately 0.125 mile of the subject property. Based on distance from the subject property, continued cleanup efforts, and NFA listing, none of the identified sites appear to represent RECs for the subject property, unless specifically noted otherwise in another section.

3.1.1.4 SPILLS Database

This database provides a comprehensive list of reported spills. The subject property is listed as the location of two incidents in the SPILLS database. Based on information provided, neither incident represents a REC for the subject property.

3.1.1.5 Voluntary Cleanup Program

This database provides a listing of sites that have entered either the VCP or its predecessor, the Independent Remedial Action Program. The subject property is not listed as a VCP site.

Twenty-four VCP sites are reported within approximately 0.5 mile of the subject property. Six of these sites are located within 0.125 mile of the subject property. All six sites are discussed in previous sections.

3.1.1.6 Independent Cleanup Report

These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

The subject property is not listed as an ICR site. Eighteen ICR sites are reported within approximately 0.5 mile of the subject property. Of the eighteen sites, two are located within 0.125 mile of the subject property. Both sites are discussed in previous sections.

3.1.1.7 Solid Waste Facilities/Landfill

The Solid Waste Facilities/Landfill records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data were obtained from Ecology's Solid Waste Facilities Handbook.

The subject property is not listed as a Solid Waste Facilities/Landfill site. Five Solid Waste Facilities/Landfill sites were reported within 0.5 mile of the subject property. Two of the five sites are located within 0.125 mile of the subject property:

- The Caraustar Tacoma Paperboard site (808 E 26th Street) is located approximately 700 feet southeast of the subject property. The site is reported to be a non-regulated recycler. Based on the facilities function as a recycler, the site is not considered a REC for the subject property.
- The City of Tacoma – Dock Street Eductor Decant Facility site (201 Puyallup Ave) is located approximately 760 feet northwest of the subject property. This is a permitted facility for the storage and processing of waste from city storm drains and catch basins. Based on the in-place controls and lack of a documented release, this site does not represent a REC for the subject property.

3.1.1.8 Brownfields List

The Brownfields List is a database of sites that Ecology considers brownfields or that have received financial or technical assistance for cleanup. A brownfield is "a real property where expansion or redevelopment is complicated by actual or perceived environmental contamination." The subject property is not listed as a State Brownfields site. Two State Brownfields site were reported within 0.5 mile of the subject property:

- American Plating (2220 East D Street) is located approximately 1,050 feet north of the subject property. The listing indicates this site is on several additional databases and has an NFA status from Ecology dating to 2015. Based on the distance relative to the subject property and the reported status, this site is not considered a REC for the subject property.
- Tacoma Redevelopment Property (1933 Dock Street) is located approximately 1,980 feet northwest of the subject property. This property was partially remediated by excavation, redeveloped, and institutional controls were placed on the property in 2007 related to the contamination remaining in place. Based on the proximity to the subject property and listings, this site is not considered a REC to the subject property.

3.1.2 EPA Database Review

The EPA administers several programs designed to protect the environment and monitor the generation, storage, treatment, and disposal of hazardous substances. The following subsections summarize the most relevant information obtained from the EDR report regarding sites identified within the ASTM E1527-13 search radii from the following databases:

- National Priorities List (NPL)
- Superfund Enterprise Management System (SEMS) database
- Corrective Action Report (CORRACTS) List
- Resource Conservation and Recovery Act (RCRA)

- Resource Conservation and Recovery Act Information (RCRAInfo) List
- Emergency Response Notification System (ERNS) List
- U.S. Brownfields List

3.1.2.1 NPL List

The NPL identifies priority hazardous waste sites for remedial actions under the EPA Superfund program. Information contained in the EDR report indicates that the subject property is not listed as an NPL site. No NPL sites are listed within one mile of the subject property; however, there is one NPL site which impacts the vicinity of the subject property:

- The Asarco Tacoma Smelter Plume is a part of the Commencement Bay Nearshore Tideflats NPL site and includes large portions of Pierce, King, Kitsap, and Thurston Counties related to windblown contamination of arsenic and lead deposited from operation of the Asarco Smelter in Ruston, Washington, for a period of nearly 100 years (Ecology 2020). The area of the subject property is mapped within an area of impact from arsenic of less than 20 parts per million. Based on the mapped concentrations, this represents *de minimis* conditions at concentrations less than Model Toxics Control Act Method A cleanup levels and is not considered a REC for the subject property.

3.1.2.2 SEMS List

The EPA's Superfund Enterprise Management System (SEMS) database identifies sites that may potentially pose a threat to the environment or the health of the public.

Information contained in the EDR report indicates that the subject property is not listed as a SEMS site. Four SEMS sites were identified within 0.5 mile of the subject property:

- The Tacoma Spur site (S 24th Street and A Street) is located approximately 950 feet northwest of the subject property. This listing is related to PAH contamination in groundwater discovered during construction of Interstate 705 in 1984. This site is part of the Commencement Bay Nearshore Tideflats NPL site. Itis not considered a REC based on the distance from the subject property (located over 950 feet northwest).
- The Union Pacific Railroad Tunnel site (Jefferson Avenue and 25th Street) is located approximately 2,100 feet west of the subject property. This site was an abandoned railroad tunnel containing abandoned waste. No significant levels of contaminants were found in groundwater at this site. Based on available information and distance from the subject property, this site does not represent a REC for the subject property.
- The BNSF Railroad site is located approximately 1,100 feet northeast of the subject property. This listing is related to historical tar pits associated with a former coal gasification plant that operated from the 1920s through 1956. This site is Operable Unit 3 of the Commencement Bay Nearshore Tideflats NPL site and is not considered a REC for the subject property due to ongoing remediation and monitoring and no known impacts to the subject property.
- Supervalu Ammonia Response (590 E 19th Street) is located approximately 2,300 feet north of the subject property. This listing related to a response that occurred to an ammonia release in

2017 as is not an active threat. Based on the information, this listing is not considered a REC for the subject property.

The EPA also publishes the SEMS-ARCHIVE list, which identifies SEMS sites that have been designated "no further remedial action planned" and that have been removed from the SEMS List. Information contained in the EDR report indicates that the subject property is not listed as a SEMS-ARCHIVE site. One SEMS-ARCHIVE site is identified within 0.5 mile of the subject property:

- American Plating (2220 East D Street) is located approximately 1,050 feet north of the subject property. This site is discussed in Section 3.1.1.8 above.

3.1.2.3 CORRACTS Review

The CORRACTS List identifies hazardous waste handlers with a history of RCRA corrective action activity. This list shows which corrective action events have occurred for every hazardous waste handler that has had corrective action activity due to improper procedures or handling.

Information contained in the EDR report indicated that the subject property is not listed as a CORRACTS site. Two CORRACTS sites are listed within one mile of the subject property:

- American Plating (2220 East D Street) is located approximately 1,050 feet north of the subject property. This site is discussed in Section 3.1.1.8 above.
- The University of Washington Tacoma Branch Campus (1930 C Street) is located approximately 2,700 feet northeast of the subject property. The listing is related to petroleum hydrocarbons, PAHs, and volatile organic compounds (VOCs) in soil and groundwater below the campus. The site entered an Agreed Order with Ecology in 1997 and is undergoing remediation and monitoring. Based on the distance from the subject property (located approximately 2,700 feet northwest), this site is not considered a REC for the subject property.

3.1.2.4 RCRA Generators List

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments of 1984. The database includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA.

Very small quantity generators generate less than 100 kilograms (kg) of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate more than 1,000 kg of hazardous waste, or more than 1 kg of acutely hazardous waste per month. Non-generators do not currently generate hazardous waste.

Information contained in the EDR report indicates that the subject property is not listed in any RCRA generator database.

Fourteen RCRA Non-generators are listed within 0.125 mile of the subject property. Based on lack of violations or the nature of violations, these sites do not represent RECs for the subject property.

EPA also regulates the management of hazardous waste at transportation, storage, and disposal (TSD) facilities. Information contained in the EDR report indicates the subject property is not listed as a TSD site. No TSD sites are identified within 0.5 mile of the subject property.

3.1.2.5 ERNS List

The ERNS List is a national database containing information from spill reports made to federal authorities. Information contained in the EDR report indicates that no ERNS sites are listed near the subject property.

3.1.2.6 US Brownfields List

The EPA's US Brownfields List identifies brownfield properties addressed by Cooperative Agreement Recipients or by Targeted Brownfields Assessments. The EDR report indicates the subject property is not listed as a US Brownfields site. Two US Brownfields site is listed within 0.5 mile of the subject property:

- American Plating (2220 East D Street) is located approximately 1,050 feet north of the subject property. This site is discussed in Section 3.1.1.8 above.
- Shaub-Ellison Parcel (1902 Pacific Ave) is located approximately 2,600 feet northwest of the subject property. During development, 3,700 cubic yards of petroleum were removed from the property. Residual petroleum-contaminated soil and groundwater remain at the site, and the site is currently undergoing remediation. Based on the distance from the subject property (approximately 2,600 feet northwest) and downgradient location, this site does not represent a REC for the subject property.

3.1.3 Other Databases

3.1.3.1 EDR Proprietary Databases

EDR has conducted research on the occurrence of historical business practices that may pose a REC to properties. The database was developed from data found in historical city directories and contains information on over 100,000 former gas stations, manufactured gas plants, and dry cleaners. Because of the nature of these businesses, the sites have the potential for soil and groundwater contamination to have occurred.

EDR Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR. The listings reviewed include, but were not limited to, gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, and/or service station.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are thirteen EDR Historical Auto Stations sites within 0.125 mile of the subject property. Only one of the thirteen sites is located upgradient (indicating that an on-site release impacting groundwater could have potential to impact the subject property) of the subject property:

- The Industrial Parts site (405-409 26th St E) is located 130 feet south of the subject property. The site was identified as an automotive repair shop between 1965 and 2013. No tanks or reported releases are associated with this site.

Unless otherwise noted, the mere presence of historical auto stations near a site does not, in itself, constitute a REC. The identified site does not appear to represent a REC for the subject property based on the lack of reported releases.

EDR Manufactured Gas List

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800s to 1950s to produce a gas that could be distributed and used as fuel. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils, and other compounds, are potentially hazardous to human health and the environment. The byproducts from this process were frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

One manufactured gas site is listed within one mile of the subject property:

- The Tacoma Coal Gasification site (E 22nd Street and A Street) is located approximately 1,500 feet northwest of the subject property. There is no additional information on this site. Based on the distance from the subject property and the downgradient location, this site does not represent a REC for the subject property.

EDR Historical Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to, dry cleaners, cleaners, laundries, laundromats, cleaning/laundry businesses, wash and/or dry businesses.

A review of the EDR Historical Dry Cleaner list, as provided by EDR, has revealed that there are two EDR Historical Dry Cleaner sites within 0.125 mile of the subject property:

- Right Way Laundry (2330 South E Street) is located approximately 400 feet north and downgradient of the subject property. This site was identified as being a laundry in 1921. No other information is known. However, it does not appear to represent a REC for the subject property.
- Amanozio Laundry (423 Puyallup Avenue) is located approximately 500 feet north and downgradient of the subject property. This site was identified as being a laundry in 1921. No other information is known. However, it does not appear to represent a REC for the subject property.

Unless otherwise noted, the mere presence of a historical dry cleaner near a site does not, in itself, constitute a REC. The identified sites do not appear to represent a REC for the subject property based on the lack of reported releases and the distance and gradient from the subject property.

3.1.4 Orphan Site List

Orphan sites are those for which mapping information is not detailed enough to plot the location of the site, or for which there is no known responsible party, or the responsible party is unwilling or unable to pay for cleanup. Based on a review of the information for the orphan sites, none appears to represent a potential REC for the subject property.

3.1.5 Vapor Encroachment

ASTM Standard E1527-13 defines vapor migration as "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface,

and vapor in the subsurface." The recognition of vapor migration as a possible REC may require incorporation of new types of controls and restrictions to address this contamination pathway.

The target property and adjacent sites were reviewed in an effort to determine whether vapor migration has, or has the potential to have, occurred at the site from adjacent properties. Based on the information reviewed, the subject property is not identified as a potential vapor intrusion site. Groundwater and soil contamination on site is limited primarily to diesel and oil-range hydrocarbons, metals, and PAHs, which do not typically cause vapor intrusion issues. Limited detected concentrations of VOCs in groundwater and naphthalene in soil are at levels that do not appear to warrant a concern for vapor intrusion.

3.2 Historical Use Information

The objective of the historical use information review is to develop a history of the previous uses of the subject property and surrounding area to help identify the likelihood that past uses have led to RECs in connection with the subject property. Parametrix researched the historical land use, occupancy, and ownership of the subject property and adjacent properties to evaluate historical uses that are known to be associated with RECs. Historical records reviewed include the Certified Sanborn Maps and the historical aerial photos.

3.2.1 Certified Sanborn Maps

A copy of the Certified Sanborn Map Report is included in Appendix C. Maps were available for 1886, 1912, 1950, and 1963. Observations from the Sanborn Maps are listed below.

1886 The subject property is partially developed with a lodge hall and a number of residences. Surrounding properties are developed with stores and residences. Railroad tracks have not yet been constructed through the vicinity.

1912 The subject property is developed with a freight house on the western portion of the subject property and an ice factory/machine shop/creamery on the eastern portion. Railroad tracks have been constructed along the southern edge of the freight house, extending east and west. Residences and stores surround the subject property on adjacent streets. The Tacoma Biscuit and Candy factory is adjacent to the north of the subject property across E 25th Street.

1950 The subject property appears to be developed in a similar configuration. Adjacent surrounding properties include residences, warehouses, factories, and an icehouse.

1963 The subject property appears to be developed in a similar configuration as in 1950, with the addition to the structure between East F Street and East G Street. Adjacent properties are developed similar to 1950, with the addition of a junkyard to the north across E 25th Street and a motel to the south across the railroad tracks.

3.2.2 Historical Aerial Photograph Review

Historical aerial photographs of the subject property area examined for the years 1941, 1957, 1968, 1980, 1990, 2006, 2013 and 2017. Copies of the aerial photographs are included in Appendix D. Observations are discussed below.

1941 The subject property appears developed with the current freight house and warehouses. The far eastern portion of the subject property appears undeveloped. The railway line is apparent in the aerial photo just to the south of the subject property. The vicinity of the subject property appears developed though the quality of the photo prevents distinguishing between land uses.

1957 The subject property appears as it did in the prior photo with an addition to the existing structure between East F Street and East G Street. The vicinity of the subject property is fully developed with apparent warehouses and industrial properties.

1968 The subject property and vicinity properties appear much as they did in the 1957 photo.

1980 The subject property and vicinity properties appear much as they did in the 1968 photo.

1990 The subject property appears much as it did in the 1980 photo. The property immediately to the north, between East E Street and East F Street, appears to have been cleared. The Tacoma Dome has been constructed three blocks south of the subject property.

2006 The subject property appears much as it did in the 1990 photo. The property to the north, which had been cleared in the 1990 photo, appears to have been developed into parking garages. Much of the rest of the vicinity of the subject property appears similar to the 1990 photo.

2013-2017 The subject property and vicinity appear much as they did in the 2006 photo.

Based on the historical document review, the subject property first appeared developed with the current structure in the 1912 Sanborn map. Prior to the development, the subject property was sparsely developed with residences (1886). The subject property remained relatively unchanged until the 1957 aerial photo, where an addition to the structure on the subject property becomes apparent between East F Street and East G Street. There are no significant changes to the subject property between 1957 and present. No evidence of RECs was identified on the subject property or in the vicinity during the historical document review.

3.2.3 Local Agency Records

Information from local agencies was reviewed for environmental significance as described in the following sections.

3.2.3.1 City of Tacoma

A review of permits for environmental significance (i.e., septic tank, stormwater, dry wells, and/or USTs or aboveground storage tanks [ASTs]) was completed. No permits of environmental significance were identified on the City of Tacoma's Permit Search Tool (City of Tacoma 2020a).

3.2.3.2 Pierce County

Based on information from the Pierce County Property Assessor-Treasurer Information Portal, the subject property is located on Tax Lots 2075220021, 2075240011, and 2075240013, and is approximately 1.6 acres. The subject property is currently owned by Time In Space LLC.

Pierce County records indicate that one structure constructed in 1956 is located on the subject property. This likely refers to the eastern addition to the original 1909 structure.

3.2.4 Additional Environmental Information

The following subsections provide a summary of additional environmental information obtained for the site.

3.2.4.1 Asbestos

The manufacture of most asbestos-containing materials was banned by the EPA by 1979. Prior to this, asbestos was a common constituent of numerous building materials, including floor and ceiling tiles, caulking, pipe insulation, roofing materials, and exterior siding.

Based on the age of the structure (1956), there is potential for asbestos-containing materials to have been used in the construction of the buildings. An HBMS has not been conducted on the subject property.

3.2.4.2 Lead-Based Paint

Before 1977, paint commonly contained lead, which is considered to cause human health problems if ingested. Based on the age of the structure (constructed in 1956), there is a potential for LBP to have been used in the construction of the building. An HBMS has not been conducted on the subject property.

3.2.4.3 Polychlorinated Biphenyls

Transformers can potentially contain PCBs. There are no transformers located on the subject property. Based on the age of the structure (constructed in 1956), there is potential for PCBs to have been used in the construction of the building (primarily used in lighting and electrical equipment). However, Parametrix did not inspect the building interior for this assessment and an HBMS has not been conducted on the subject property.

3.2.4.4 Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in some rocks and soil. The adverse health effects associated with radon gas depends upon various factors, such as the concentration of the gas, and exposure duration. The potential concentration of radon gas within a building depends on subsurface soil conditions, the integrity of the building's foundation, the existence of a basement or crawl space (primary areas of concern), and the building's ventilation.

Pierce County ZIP code 98421 is located in Federal EPA Radon Zone 3. The Zone 3 indoor average radon level is less than 2 pCi/L (pico Curies per Liter). Based on this limited information, radon likely does not represent an environmental concern at the property. In addition, based on lack of a basement and the occupational nature of the site (limited working hours), radon is not expected to be a potential REC for the subject property.

4. FILE REVIEW

In accordance with ASTM Standard E1527-13, inquiries and review of previous investigations for the subject property and a review of regulatory files for the subject property or adjacent properties may be conducted to further evaluate environmental conditions on the property or adjacent properties and fill in data gaps where applicable. Previous investigations and file reviews are summarized below.

4.1 Previous Investigations

Based on the subject property's listing in Ecology's CSCSL and CSCSL NFA databases, Parametrix requested available site records from the agency. The subject property is listed in Ecology's records under two different cleanup site names: Freighthouse Square (CS 719) and Freighthouse Square Amtrack Relocation (CS144160). Contamination at this site likely originated from storage of diesel and oil at the Olympic Ice and Machine Company in the early 20th century. The Freighthouse Square Amtrak Relocation site (CS 144160) was designated as a cleanup site in 2017 as a result of contamination found during an investigation for the construction of a new Tacoma Amtrak Cascades Station (TACS) by the Washington Department of Transportation.

The east end of Freighthouse Square was destroyed by a fire in 1992. Investigations for contamination were initiated after excavation at the site in 1993 found petroleum contaminated soils. Approximately 12 tons of contaminated soil were excavated and disposed of during construction. Post excavation samples were collected, and diesel concentrations were below cleanup levels. Sample results for metals were also below cleanup levels. Groundwater grab samples collected from the open excavation in 1993 exceeded cleanup levels for oil-range hydrocarbons, cadmium, chromium, and lead. Due to the heavy-oil nature of the petroleum contamination, the limited metals concentrations, and no local beneficial use of groundwater, it was determined that the groundwater contamination did not pose a significant threat to human health or the environment and the site was deemed eligible for an NFA determination with the implementation of institutional controls to limit groundwater and property use. A periodic review is completed on the site every 5 years in accordance with the requirements of the Model Toxics Control Act, Chapter 173-340 WAC (Ecology 2017). The Restrictive Covenant for the property (recorded in July 2003) imposes the following limitations:

- No groundwater may be taken for any use from the property.
- Any activity that may interfere with the integrity of the remedial action and continued protection of human health and the environment is prohibited.
- Any activity that may result in the release or exposure to the environment of groundwater containing a hazardous substance that remains on the property is prohibited.
- The owner must give 30 days' advanced notice to Ecology of the owner's intent to convey any interest in the property.
- The owner must restrict leases to uses and activities consistent with the restrictive covenant.
- The owner shall allow authorized representatives of Ecology the right to enter the property for the purposes of evaluating the remedial action.
- The owner of the property reserves the right to record an instrument that provides that this restrictive covenant shall no longer limit use of the property if approved by Ecology.

A Phase II ESA was conducted for the new TACS in late 2014 and early 2015 and is included in Appendix F, Supporting Materials. Eighty-eight soil samples and 11 groundwater samples were collected from 28 borings around the perimeter of the subject property. Cleanup levels were exceeded for cPAHs and oil-range hydrocarbons in soil. Diesel and arsenic exceeded cleanup levels in groundwater (Shannon & Wilson 2015).

For the portion of the site occupied by subject property parcels, remedial actions recommended by Shannon & Wilson included the preparation of a Contaminated Media Management Plan (CMMP) and targeted excavation around boring locations with concentrations of cPAHs and oil-range hydrocarbons exceeding cleanup standards (Shannon & Wilson 2015).

4.2 Adjacent Properties File Review

Several nearby properties were listed on environmental databases, as described in Section 3. In general, sufficient site-specific information was available through review of the EDR report, as well as online Ecology files to develop an opinion on the potential for these properties to have affected the subject property.

5. SITE EXAMINATION

Parametrix conducted a site examination of the subject property from public right-of-way on November 3, 2020. The site examination consisted of observing the areas immediately surrounding the subject property, providing observations of the general environmental conditions on the subject property, and visually assessing the subject property and adjacent properties for evidence of hazardous materials. Photographs of the subject property taken during the site examination are included in Appendix E.

5.1 Subject Property

The subject property is developed with a large former freight house and warehouse currently in use housing a number of commercial businesses and a rail station. Businesses include gift shops and restaurants. The northern edge of the subject property is fronted by a wide sidewalk along E 25th Street and the southern edge borders the active railroad tracks. Two transformers are located along the edge of the subject property, one along East G Street and one along E 25th Street.

No evidence of ASTs or other indications of environmental significance were observed on the exterior portions of the property. In addition, no evidence of significant storage or spills of hazardous substances and/or petroleum products was observed on the subject property. No evidence of staining, adverse odors, or other indications of potential releases was observed. In general, no RECs or other adverse environmental conditions were identified associated with the subject property.

5.2 Adjacent Properties

The vicinity of the subject property is developed primarily with commercial and industrial buildings. Adjacent properties were examined from public areas for the presence of environmental conditions that have the potential to impact the subject property.

The subject property is bounded by E 25th Street to the north (including a Sound Transit streetcar rail and stop) with a parking garage to the north. BNSF tracks lie to the south, with an empty lot and a restaurant on the other side. Parking lots lie across East D Street and East G Street to the west and east, respectively. No evidence of significant staining or stressed vegetation was noted on the ground surface on assessable properties adjacent to the site. No evidence of the storage of chemical or hazardous materials identified on visible areas of adjacent properties.

6. INTERVIEWS

An interview was not conducted with a property representative to identify any potential environmental conditions or to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview represents a data gap in accordance with ASTM Standard E1527-13.

A user questionnaire was submitted to Sound Transit to assist in identifying potential RECs affecting the site and identification of background information on the subject property. No RECs were identified through the review of the user questionnaire. A copy of the user questionnaire completed by Sound Transit is attached in Appendix A.

Parametrix completed an interview with Rob Olsen, Environmental Health Specialist of the Tacoma-Pierce County Health Department Environmental Health – Contaminated Properties division, on February 4, 2021 (TPCHD 2021). TPCHD had no records that provided evidence of additional RECs for the subject property.

7. CONCLUSIONS

Parametrix conducted a Phase I ESA in conformance with the scope and limitations of American Society for Testing and Materials (ASTM) Standard Practice E 1527-13 (2013) on the subject property identified as TD 4461, TD 4476, and TD 4505. Any exceptions to, or deletions from, the Standard Practice are described in Section 1.3 of this report.

The subject property is located on Pierce County Tax Lots 2075240013, 2075240011, and 2075220021 and is currently occupied by a number of commercial businesses and a passenger rail station. The subject property encompasses an area of approximately 1.6 acres and is zoned for mixed use. The subject property consists of a 54,916-square-foot building.

The first known development on the subject property was in the 1880s with isolated residences. By 1912, the freight house that still stands on the property was constructed. The subject property remained the same until a structure was added to the east end in 1957. No significant changes were made to the subject property between 1957 and the present. However, a fire in 1992 destroyed the eastern portion of the building, which was reconstructed. Surrounding land use has remained commercial and industrial. The rail station construction on the west end occurred in 2016.

No evidence of significant use or storage of hazardous substances and/or petroleum products was noted on or near the subject property during site reconnaissance. No evidence of distressed vegetation, spills or releases, dry wells, or other indications of environmental concern was identified during the site reconnaissance.

This assessment has revealed no evidence of RECs in connection with the subject property. except for the following:

Recognized Environmental Conditions

The subject property is listed in both the Confirmed and Suspected Cleanup Site List (CSCSL) and CSCSL No Further Action (NFA) database. Contamination, likely originating from the former Olympic Ice and Machine Company, resulted in soil and groundwater impacts at the subject property. Diesel and oil-range hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and metals have been detected in soil and groundwater. Cleanup levels were exceeded for carcinogenic PAHs (cPAHs) and oil-range hydrocarbons in soil. Diesel and arsenic exceeded cleanup levels in groundwater. The site received a conditional NFA in 2003 with the implementation of a restrictive covenant that dictates groundwater and land use at the site. The presence of residual soil and groundwater contamination at the subject property represents a CREC.

Data Gaps

An on-site reconnaissance and interview were not able to be conducted with a property representative to identify any potential environmental conditions and to address information data gaps during the Phase I ESA process. The lack of a property owner or representative interview and the lack of a full on-site reconnaissance represent data gaps in accordance with ASTM Standard E1527-13. However, the information obtained for the Phase I ESA, including regulatory database and historical documentation, was deemed sufficient.

8. REFERENCES

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USGS (U.S. Geological Survey). 2020. Topographic Map of the Tacoma south 7.5-minute Quadrangle, Washington.

Appendix A

User Supplied Documents

Commitment for Title Insurance

Title Officer:
Email:
Title No.: 210605-SC

Property Address:

Introducing LiveLOOK

LiveLOOK title document delivery system is designed to provide 24/7 real-time access to all information related to a title insurance transaction.

Access title reports, exception documents, an easy-to-use summary page, and more, at your fingertips and your convenience.

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PROPERTY HISTORY

Issued By:

CHICAGO TITLE INSURANCE COMPANY

Guarantee Number:

210605-SC [ROW TD4461, TD4476. TD4506]

CHICAGO TITLE INSURANCE COMPANY
a Florida corporation, herein called the Company

GUARANTEES

the Assured named in Schedule A, against actual loss not exceeding the liability stated in Schedule A which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

LIABILITY EXCLUSIONS AND LIMITATIONS

1. No guarantee is given nor liability assumed with respect to the identity of any party named or referred to in Schedule A or with respect to the validity, legal effect, or priority of any matter shown therein.
2. The Company's liability hereunder shall be limited to the amount of actual loss sustained by the Assured because of reliance upon the assurance herein set forth, but in no event shall the Company's liability exceed the liability amount set forth above.

Chicago Title Insurance Company

By:

Randy Quirk, President

Attest:

Marjorie Nemzura, Secretary

Chicago Title Company of Washington
701 5th Avenue, Suite 2700
Seattle, WA 98104

Countersigned By:

Authorized Officer or Agent

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

PLEASE NOTE CAREFULLY THE LIABILITY EXCLUSIONS AND LIMITATIONS AND THE SPECIFIC ASSURANCES AFFORDED BY THIS GUARANTEE. IF YOU WISH ADDITIONAL LIABILITY, OR ASSURANCES OTHER THAN AS CONTAINED HEREIN, PLEASE CONTACT THE COMPANY FOR FURTHER INFORMATION AS TO THE AVAILABILITY AND COST.

Your Property History Guarantee is enclosed.

ISSUING OFFICE:
Title Officer: Seattle Commercial Unit 1 Chicago Title Company of Washington 701 5th Avenue, Suite 2700 Seattle, WA 98104 Main Phone: (206)628-5610 Email: WA-Commercial@ctt.com

PROPERTY HISTORY GUARANTEE

Total Liability Limited to	Fee	Tax
$50,000.00	$350.00	$35.35

Date of Report: March 3, 2021 at 08:00 AM

A. Assured: Central Puget Sound Regional Transit Authority, a regional transit authority

B. The land described in this Guarantee is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

C. At your request, Chicago Title Insurance Company, a Florida corporation has searched the public records of Pierce, Washington, which by law impart constructive notice, for the documents shown below (hereinafter called "the Instruments"):

Deeds, Contracts, Leases

D. At your request, the period of time searched is as follows:

Beginning date: March 3, 1971 at 08:00 AM
Ending date: March 3, 2021 at 08:00 AM

E. The following matters are excluded from the search provided by this guarantee:

1. Unpatented mining claims, and patents
2. Water rights, or claims thereof
3. Instruments, proceedings or other matters which do not specifically describe said land.

This Guarantee is restricted to the use of the Assured. This Guarantee is not a Commitment nor an obligation by the Company to issue any Policy or Policies of Title Insurance insuring said land, and is not to be used as a basis for closing any transaction affecting title to said property.

F. The Instruments as defined in Paragraph C recorded during the period of time searched are:

GENERAL EXCEPTIONS

H. Reservations and exceptions in United States Patents or in Acts authorizing the issuance thereof.

SPECIAL EXCEPTIONS

EXCEPTIONS - PARCEL A:

(continued)

1. Real Estate Contract

Grantor: Richard B. Ogilvie, not as an individual but solely as Trustee of the property of Chicago, Milwaukee, St. Paul and Pacific Railroad Company, Debtor
Grantee: DOMO, a Limited Partnership
Recorded: December 17, 1981
Recording No.: 8112170249

2. Quit Claim Deed:

Grantor: Irene J. Alskog, wife of J. Elmer Alskog
Grantee: J. Elmer Alskog, husband of Irene J. Alskog
Recorded: November 19, 1982
Recording No.: 8211190308

3. Quit Claim Deed:

Grantor: Richard B. Ogilvie, not as an individual but solely as Trustee of the property of Chicago, Milwaukee, St. Paul and Pacific Railroad Company, Debtor
Grantee: DOMO, a Limited Partnership
Recorded: November 19, 1982
Recording No.: 8211190309

4. Commercial Lease:

Grantor: DOMO, a Limited Partnership
Grantee: Clinton Gordon Plummer and Robert Reiter, and Plum-Reit Enterprises, Inc.
Recorded: February 1, 1983
Recording No.: 8302010284

Amendment to Lease:

Recording Date:February 1, 1983
Recording No.: 8302010285

5. Right of First Refusal to Purchase:

Grantor: DOMO, a Limited Partnership
Grantee: Clinton Gordon Plummer and Robert Reiter, and Plum-Reit Enterprises, Inc.
Recorded: February 1, 1983
Recording No.: 8302010286

Agreement to Release Right of First Refusal:

Recording Date:Decenber 30, 1986
Recording No.: 8612300848

6. Real Estate Contract

Grantor: Domo Group, a Washington limited partnership
Grantee: L. Keith Stone and Kaye L. Stone, husband and wife
Recorded: December 30, 1986
Recording No.: 8612300849

7. Lease Agreement:

Grantor: L. Keith Stone and Kaye L. Stone, husband and wife
Grantee: Plum Reit Enterprises, Inc.
Recorded: December 30, 1986
Recording No.: 8612300851

8. Statutory Warranty Fulfillment Deed:

Grantor: Domo Group, a Washington limited partnership
Grantee: L. Keith Stone and Kaye L. Stone, husband and wife
Recorded: December 30, 1986
Recording No.: 8612300849

9. Separate Property Agreement:

Grantor: L. Keith Stone
Grantee: Kaye L. Stone, husband and wife
Recorded: September 15, 1987
Recording No.: 8709150162

10. Memorandum of Lease:

Grantor: L. Keith Stone dba Freighthouse Square Public Market
Grantee: Peggy's Pantry, Inc. dba Peggy's Cinnamon Rolls
Recorded: August 3, 1995
Recording No.: 9508030466

11. Memorandum of Purchase and Sale Agreement Re: Freighthouse Square Tacoma:

Grantor: L. Keith Stone
Grantee: Greenwood Investments II LLC
Recorded: January 27, 1997
Recording No.: 9701270452

12. Lease:

Grantor: L. Keith Stone/Commencement Bay Properites (C.B.P), dba Freighthouse Square Marketplace
Grantee: Kathryn M. Jolley, dba "Katy's Antique

Memorandum of Revocation of Lease:

Recording Date:Novmber 15, 1999
Recording No.: 9911150374

EXCEPTIONS - PARCEL B:

13. Quit Claim Deed:

Grantor: Richard B. Ogilvie, not as an individual but solely as Trustee of the property of Chicago, Milwaukee, St. Paul and Pacific Railroad Company, Debtor
Grantee: Lundgren Dealers Supply, Inc.
Recorded: September 2, 1981
Recording No.: 8109020105

14. Statutory Warranty Deed:

Grantor: Lundgren Dealers Supply, Inc.
Grantee: L. Keith Stone, a single man
Recorded: November 7, 1984
Recording No.: 8411070011

15. Quit Claim Deed:

Grantor: Richard B. Ogilvie, not as an individual but solely as Trustee of the property of Chicago, Milwaukee, St. Paul and Pacific Railroad Company, Debtor
Grantee: Lundgren Dealers Supply, Inc.
Recorded: Arpil 10, 1985
Recording No.: 8504100319

16. Quit Claim Deed:

Grantor: Lundgren Dealers Supply, Inc.
Grantee: L. Keith Stone, a single man
Recorded: February 13, 1986
Recording No.: 8602130001

17. Memorandum of Lease:

Grantor: L. Keith Stone dba K & M Commercial Development
Grantee: Atlas Foundry & Machine Co.
Recorded: March 20, 1989
Recording No.: 8903200173

Letter Clearing Title (Lease Not Renewed):

Recording Date:January 3, 2001
Recording No.: 200101030335

18. Memorandum of Purchase and Sale Agreement Re: Freighthouse Square Tacoma:

Grantor: L. Keith Stone
Grantee: Greenwood Investments II LLC
Recorded: January 27, 1997
Recording No.: 9701270452

EXCEPTIONS - PARCEL A and B:

19. Statutory Warranty Deed:

Grantor: L. Keith Stone, as his separate estate
Grantee: World Famous Freighthouse, L.L.C., a Washington limited liability company, as to an undivided 1.00% interest; Tacoma Freighthouse L.L.C., a Washington limited liability company, as to an undivided 1.00% interest; Barry's Freighthouse LLC, a Washington limited liability company, as to an undivided 16.6667% interest; Bea's Freighthouse LLC, a Washington limited liability company, as to an undivided 16.6666% interest; and Winders Freighthouse LLC, a Washington limited liability company, as to an undivided 64.6667% interest
Recorded: May 31, 2001
Recording No.: 200105310885

20. Quit Claim Deed:

Grantor: Winders Freighthouse LLC, a Washington limited liability company,
Grantee: World Famous Freighthouse, L.L.C., a Washington limited liability company, as to an undivided 15.6666% interest
Recorded: June 27, 2001
Recording No.: 200106270803

21. Quit Claim Deed:

Grantor: Winders Freighthouse LLC, a Washington limited liability company,
Grantee: Tacoma Freighthouse, LLC, a Washington limited liability company, as to an undivided 15.6666% interest
Recorded: June 27, 2001
Recording No.: 200106270807

22. Statutory Warranty Deed:

Grantor: Tacoma Freighthouse L.L.C., a Washington limited liability company, as to an undivided 16.6666% interest
Grantee: World Famous Freighthouse, L.L.C., a Washington limited liability company, as to an undivided 20% interest; Winders Freighthouse LLC, a Washington limited liability company, as to an undivided 40% interest; Barry's Freighthouse LLC, a Washington limited liability company, as to an undivided 20% interest; Bea's Freighthouse LLC, a Washington limited liability company, as to an undivided 20% interest
Recorded: July 23, 2004
Recording No.: 200407230199

23. Option to Buy Real Estate:

Grantor: Winders FH LLC, Bea's FH LLC and Barry's FH LLC
Grantee: Muller Burgundy LLC, World Famous FH LLC
Recorded: February 23, 2007
Recording No.: 200702230403

24. Quit Claim Deed:

Grantor: Winders Freighthouse LLC, a Washington limited liability company, as to one half of it's interest
Grantee: Bea's Freighthouse LLC, a Washington limited liability company
Recorded: January 23, 2009
Recording No.: 200912300225

25. Quit Claim Deed:

Grantor: Winders Freighthouse LLC, a Washington limited liability company, as to one half of it's interest
Grantee: Barry's Freighthouse LLC, a Washington limited liability company
Recorded: January 23, 2009
Recording No.: 200912300226

(continued)

26. Statutory Warranty Deed:

Grantor: JSH Properties, Inc., a Washington corporation, as general receiver for Tacoma Freighthouse L.L.C., Winders Freighthouse LLC, Barry's Freighthouse LLC, Bea's Freighthouse LLC, and World Famous Freighthouse, L.L.C., under Case No. 11-2-12192-1 in the Superior Court of Pierce County, Washington
Grantee: Time iN Space, LLC, a Washington limited liability company
Recorded: January 28, 2013
Recording No.: 201301280837

EXHIBIT "A"

Legal Description

PARCEL A: 207522-0021 and 207524-0011:

The Northerly 77 feet of Blocks 7522 and 7524, Tacoma Land Company's First Addition to Tacoma, according to plat filed for record July 7, 1884, in the office of the County Auditor, in Pierce County,
Washington.

Except the East 135 feet of said Block 7524.

Together with that portion of East "E" Street adjoining said Northerly 77 feet of Blocks 7522 and 7524, vacated by City of Tacoma Ordinance Nos. 3127 and 23949.

Except that portion appropriated by the State of Washington in Pierce County Superior Court Cause No. 16-2-05479-5.

PARCEL B: 207524-0013:

The Northerly 77 feet of the Easterly 135 feet of Block 7524, and the Northerly 77 feet of Block 7526, Tacoma Land Company's First Addition to Tacoma, according to plat filed for record July 7, 1884, in the office of the County Auditor, in Pierce County, Washington.

Together with that portion of East "F" Street, vacated by City of Tacoma Ordinance Nos. 3128 and 23949, adjoining the Northerly 77 feet of said Blocks 7524 and 7526.

Except from said Block 7526 that portion appropriated by the City of Tacoma for the construction and maintenance of a public street, by Decree entered September 12, 1928 in Pierce County Superior Court
Cause No. 61287, and being described as follows:

Beginning at the Southeast corner of said Block 7526;
Thence Northerly along the East line of said block, a distance of 119.73 feet;
Thence in a Southwesterly direction on a curve to the right having a radius of 538 feet and concentric with a curve having a radius of 573 feet, whose tangent at a point on the center line of East "G" Street, 36.80 feet South of the center line of East 25th Street making an angle of 14 degrees 22' to the Southwest with the said center line of East "G" Street, a distance of 130.04 feet to a point of compound curve;
thence continuing Southwesterly on a curve to the right having a radius of 283 feet, a distance of 1.32 feet to a point on the South line of said Block 7526, said point being 2.84 feet West of the Southeast corner of Lot 10, in said Block 7526;
thence Easterly along the South line of said Block, a distance of 52.84 feet to the place of beginning.

Except all track material, including, but not limited to rails, fastenings, angle bars, tie plates, ties and other improvements, as excepted in deed from Richard B. Ogilvie, as Trustee of the Property of Chicago, Milwaukee, St. Paul and Pacific Railroad Company and recorded under Recording No. 8109020105.

Title Guarantees supporting documents are available upon request.

SOUNDTRANSIT

USER QUESTIONNAIRE INFORMATION (ASTM)

User representative: ***Sound Transit – Ross Stainsby***

Date: ***February 2021***

Project Name: ***Tacoma Dome Link Extension***

Property Name and TD #: ***Freighthouse Square, TD 4461, 4476, 4506***

Project Number: ***AE 0030-17***

ASTM 1527-13 USER QUESTIONS

ASTM 1527-13 includes a user questionnaire that must be completed by the user in order to qualify for Landowner Liability Protections (LLPs) under CERCLA. The following questions are to be completed by the user or representatives of the user.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   _No_____
2. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?
   __No_____
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties?
   _No_____
4. For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   _No_____
5. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? _I am not aware of the purchase price_____
6. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?
   __No_____

   For example, as user,

   (a) do you know the past uses of the property?
   _No_____
   (b) do you know of specific chemicals that are present or once were present at the property?
   _No_____
   (c) do you know of spills or other chemical releases that have taken place at the property?
   _No_____
   (d) do you know of any environmental cleanups that have taken place at the property?
   _No_____

7. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property?
   ___No_____

Appendix B

EDR Radius Map Report

Freighthouse Square
602 E 25TH ST
TACOMA, WA 98421

Inquiry Number: 6217999.3s
October 06, 2020

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

602 E 25TH ST
TACOMA, WA 98421

COORDINATES

Latitude (North):	47.2396500 - 47˚ 14' 22.74''
Longitude (West):	122.4272920 - 122˚ 25' 38.25''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	543346.7
UTM Y (Meters):	5231736.5
Elevation:	56 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005109 TACOMA SOUTH, WA
Version Date:	2014
North Map:	6005511 TACOMA NORTH, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
602 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	FREIGHTHOUSE SQUARE,	602 E 25TH ST	WA CSCSL, WA ALLSITES		TP
Reg	PUYALLUP RESERVATION		INDIAN RESERV	Same	1725, 0.327, East
A2	BEST WESTERN	440 E 25TH STREET	WA SPILLS	Lower	1 ft.
A3	CITY OF TACOMA	430 EAST 25TH & G ST	WA SPILLS, WA ASBESTOS	Higher	1 ft.
B4	FREIGHTHOUSE SQUARE	25TH & G ST E	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA	Lower	7, 0.001, ENE
B5	PIERCE TRANSIT TACOM	609 E 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	52, 0.010, ENE
C6	F & E INVESTMENTS	401 EA 25 ST	WA UST, WA ALLSITES	Lower	102, 0.019, WNW
C7	AIRSPARES	415 E 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	124, 0.023, WNW
D8	INDUSTRIAL PARTS & F	409 26TH ST E	EDR Hist Auto	Higher	134, 0.025, SW
D9	INDUSTRIAL PARTS FRI	409 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	134, 0.025, SW
A10	GOLDEN WEST MOTEL	503 E 26TH	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	134, 0.025, South
E11	HJB MARINE	601 E 26TH ST	WA ALLSITES	Lower	158, 0.030, ESE
B12	PUGET SOUND SPECIALT	706 E 25TH ST	WA ALLSITES, WA ASBESTOS	Lower	176, 0.033, East
C13	JOHNNYS FINE FOOD	319 E 25TH ST	WA ALLSITES	Lower	178, 0.034, West
D14	INDUSTRIAL PARTS C	405 26TH ST E	EDR Hist Auto	Higher	196, 0.037, SW
D15	GARY W JOHNSON	323 EAST 26TH ST	WA UST	Higher	209, 0.040, WSW
D16	MELODY MEATS	323 E 26TH ST	WA ALLSITES	Higher	209, 0.040, WSW
F17	TACOMA PUBLIC UTILIT	709 26TH ST E	WA ALLSITES	Lower	247, 0.047, East
G18	SPRING AIR NW DIV CA	725 E 25TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	249, 0.047, ENE
G19	SPRING AIR NORTHWEST	725 E 25TH ST	WA VCP	Lower	249, 0.047, ENE
G20	SPRING AIR NORTHWEST	725 E 25TH ST	RCRA NonGen / NLR	Lower	249, 0.047, ENE
H21	SME CORP	311 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	263, 0.050, WSW
H22	SME SOLUTIONS	313 E 26TH ST	WA ALLSITES	Higher	265, 0.050, WSW
C23	BULLS EYE SUPPLY	414 PUYALLUP AVE	WA ALLSITES	Lower	285, 0.054, NW
C24	ALFREDS CAFE	402 PUYALLUP AVE	WA ALLSITES	Lower	285, 0.054, WNW
D25	MYSTIC MOCHA	402 E 26TH ST	WA ALLSITES	Higher	311, 0.059, SW
I26	HAHN J E AUTO REPR	314 PUYALLUP AVE	EDR Hist Auto	Lower	313, 0.059, WNW
I27	CASCADE FRICTION MAT	314 PUYALLUP AVE	WA ALLSITES	Lower	313, 0.059, WNW
F28	PRECISION PATTERN IN	2620 E G ST	WA VCP	Lower	332, 0.063, ESE
F29	AIM AEROSPACE TACOMA	2620 E G ST	RCRA NonGen / NLR	Lower	332, 0.063, ESE
F30	PRECISION PATTERN IN	2620 E G ST	WA ALLSITES, WA CSCSL NFA, WA SPILLS, FINDS, ECHO,...	Lower	332, 0.063, ESE
J31	BNRR TACOMA YARD PON	605 PUYALLUP ST	WA ALLSITES, WA CSCSL NFA, WA SPILLS	Lower	339, 0.064, NE
E32	DON ENGLE DISTRIBUTI	2601 E F ST	WA UST, WA ALLSITES	Higher	341, 0.065, SE
K33	FORMER TEXACO SERVIC	704 PUYALLUP AVE	WA VCP	Lower	349, 0.066, NE
K34	FORMER TEXACO SERVIC	704 PUYALLUP AVE	WA CSCSL, WA ALLSITES	Lower	349, 0.066, NE
K35	BILLS MOBILE SERV GA	702 PUYALLUP AVE	EDR Hist Auto	Lower	359, 0.068, NE
F36	WESTERN BEER DISTRIB	712 EAST 26TH	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA	Lower	361, 0.068, ESE
J37	STANDARD STATIONS IN	624 PUYALLUP AVE	EDR Hist Auto	Lower	367, 0.070, NE
I38	ALS GARAGE AUTO	406 PUYALLUP AVE	EDR Hist Auto	Lower	368, 0.070, NW

MAPPED SITES SUMMARY

Target Property Address:
602 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L39	MANNA PRO CORP	518 PUYALLUP AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Lower	369, 0.070, NNW
L40	TACOMA DOME STATION	500 PUYALLUP AVE	WA ALLSITES, WA CSCSL NFA	Lower	369, 0.070, NNW
L41	METTLER SUPER SERVIC	504 PUYALLUP AVE	EDR Hist Auto	Lower	370, 0.070, NNW
L42	DISCOVERY	502 PUYALLUP AVE	WA UST, WA ALLSITES	Lower	370, 0.070, NNW
H43	TOD DRESSEL PRIVATE	306 308 314 E 26TH S	WA ALLSITES, WA CSCSL NFA, WA MANIFEST	Higher	388, 0.073, SW
H44	TOD DRESSEL PRIVATE	306 308 314 E 26TH S	RCRA NonGen / NLR	Higher	388, 0.073, SW
H45	EDGE TECHNOLOGIES	314 E 26TH ST	WA ALLSITES	Higher	388, 0.073, SW
H46	DRESSEL PROPERTY	306 308 314 E 26TH S	WA VCP	Higher	388, 0.073, SW
I47	ATLAS TRUCKING INC S	PUYALLUP AVE & D ST	WA ALLSITES, RCRA NonGen / NLR	Lower	388, 0.073, WNW
L48	RIGHT WAY LAUNDRY GE	2330 SOUTH E	EDR Hist Cleaner	Lower	408, 0.077, NNW
L49	LEGACY RENOVATIONS	511 PUYALLUP AVE	WA ALLSITES	Lower	410, 0.078, NNW
M50	STONE PROPERTY TRANS	E 25TH & E C ST	WA VCP	Lower	414, 0.078, West
M51	STONE PROPERTY TRANS	E 25TH & E C ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	414, 0.078, West
L52	STEVENS & VETTER GAR	503 PUYALLUP AVE	EDR Hist Auto	Lower	439, 0.083, NNW
L53	501 05 TERMINAL MOTO	501 PUYALLUP AVE	EDR Hist Auto	Lower	440, 0.083, NNW
N54	SALVATION ARMY ARC	409 PUYALLUP AVE	WA UST	Lower	455, 0.086, NW
N55	SALVATION ARMY ARC	409 PUYALLUP AVE	RCRA NonGen / NLR, FINDS, ECHO, WA ASBESTOS	Lower	455, 0.086, NW
N56	SALVATION ARMY ARC	409 PUYALLUP AVE	WA ALLSITES	Lower	455, 0.086, NW
L57	ALL TRANSMISSIONS PI	505 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	456, 0.086, NNW
L58	STEVENS & VETTER	505 PUYALLUP AVE	EDR Hist Auto	Lower	456, 0.086, NNW
I59	BAILEY A J AUTO REPR	312 PUYALLUP AVE	EDR Hist Auto	Lower	470, 0.089, WNW
I60	DANFORDS SERV GAS ST	302 PUYALLUP AVE	EDR Hist Auto	Lower	486, 0.092, WNW
O61	SOUND TRANSIT TACOMA	802 E 25TH ST	WA ALLSITES, WA MANIFEST, WA NPDES	Lower	500, 0.095, East
O62	SOUND TRANSIT TACOMA	802 E 25TH ST	RCRA NonGen / NLR	Lower	500, 0.095, East
63	PUGET SOUND METAL	2607 EAST G ST	WA ALLSITES, FINDS	Lower	505, 0.096, ESE
L64	CLEVINGER TRUCK SERV	423 PUYALLUP AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	508, 0.096, NNW
L65	AMANOZIO T LNDY	423 PUYALLUP AVE	EDR Hist Cleaner	Lower	508, 0.096, NNW
L66	INDUSTRIAL TIRE SERV	423 PUYALLUP AVE	WA VCP	Lower	508, 0.096, NNW
L67	CLEVINGERS TRUCK SER	423 PUYALLUP AVE	EDR Hist Auto	Lower	508, 0.096, NNW
L68	JOHNSON STONE COUNTE	523 PUYALLUP AVE	WA ALLSITES	Lower	510, 0.097, North
L69	SOUTH SOUND RADIATOR	509 PUYALLUP AVE	WA HSL, WA CSCSL, WA ALLSITES	Lower	510, 0.097, North
I70	TACOMA BIKE	309 PUYALLUP AVE	WA ALLSITES	Lower	526, 0.100, WNW
M71	FRONTIER TRANSPORTAT	217 EAST 25TH ST	WA UST, WA ALLSITES	Lower	557, 0.105, West
M72	GOLDEN LINE RECYCLIN	217 E 25TH ST	WA ALLSITES	Lower	557, 0.105, West
P73	GONZALES MOTORS	301 PUYALLUP AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Lower	568, 0.108, WNW
P74	GONZALEZ MOTORS MOTO	301 PUYALLUP AVE	EDR Hist Auto	Lower	568, 0.108, WNW
P75	STAR TOURS	224 PUYALLUP AVE	WA ALLSITES	Lower	580, 0.110, WNW
Q76	PACIFIC CHARTER SCHO	2300 EAST E ST	WA UST	Lower	584, 0.111, NNW
Q77	PACIFIC CHARTER SCHO	2300 EAST E ST	WA LUST, WA ALLSITES, WA CSCSL NFA	Lower	584, 0.111, NNW

MAPPED SITES SUMMARY

Target Property Address:
602 E 25TH ST
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
78	AT&T WIRELESS TACOMA	222 E 26TH ST	WA ALLSITES, FINDS	Higher	609, 0.115, WSW
N79	INDUSTRIAL RUBBER &	2307 E D ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	647, 0.123, NW
R80	TNT REDDAWAY TRUCK L	801 E 26TH	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	652, 0.123, East
81	BNSF TACOMA FUELING	1001 PUYALLUP AVE	WA HSL, WA CSCSL, WA ALLSITES	Lower	664, 0.126, North
S82	STORAGE BOX THE	216 PUYALLUP AVE	WA ALLSITES	Lower	685, 0.130, West
P83	EVERGREEN EQUIPMENT	221 PUYALLUP AVE	WA ALLSITES	Lower	689, 0.130, WNW
P84	MCLEANS AUTO REPAIR	221 1/2 PUYALLUP AVE	WA ALLSITES, FINDS	Lower	689, 0.130, WNW
R85	CARAUSTAR	808 E 26TH ST	RCRA-VSQG	Lower	694, 0.131, East
R86	CARAUSTAR	808 E 26TH ST	WA SWF/LF, WA ALLSITES, WA ASBESTOS, WA MANIFEST	Lower	694, 0.131, East
T87	SUPERIOR CARTAGE OF	805 PUYALLUP AVE	WA ALLSITES, WA SPILLS	Lower	736, 0.139, ENE
T88	SUPERIOR CARTAGE OF	805 PUYALLUP AVE	WA UST	Lower	736, 0.139, ENE
S89	CITY OF TACOMA - DOC	201 PUYALLUP AVE	WA SWF/LF	Lower	759, 0.144, WNW
U90	SMURFIT STONE CONTAI	817 E 27TH ST	WA HSL, WA CSCSL, WA ALLSITES, WA NPDES	Lower	832, 0.158, ESE
U91	SMURFIT STONE CONTAI	817 E 27TH ST	WA VCP	Lower	832, 0.158, ESE
V92	PLYTAC	801 E 25TH	WA ALLSITES, FINDS	Lower	876, 0.166, ENE
V93	TACOMA TRESTLE TRACK	824 E 25TH STREET	WA CSCSL, WA ALLSITES, WA ASBESTOS	Lower	877, 0.166, East
W94	TACOMA SPUR	24TH S AND EAST A (I	SEMS	Lower	950, 0.180, West
V95	MENDEZ PROPERTY	910 PUYALLUP AVE	WA VCP	Lower	960, 0.182, ENE
V96	MENDEZ PROPERTY	910 PUYALLUP AVE	WA CSCSL, WA LUST, WA UST, WA ICR, WA ALLSITES	Lower	960, 0.182, ENE
X97	NEW TACOMA BOX CO	921 E 26TH ST	WA ALLSITES	Lower	993, 0.188, East
W98	NW FURNITURE BANK	117 PUYALLUP AVE TAC	WA SWRCY	Lower	999, 0.189, WNW
Y99	DOCK ST STATION	2301 E B ST	WA UST	Lower	1013, 0.192, WNW
Y100	DOCK STREET STATION	2301 E B ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	1013, 0.192, WNW
Y101	DOCK STREET STATION	2301 E B ST	RCRA NonGen / NLR	Lower	1013, 0.192, WNW
Z102	BRLF-06: AMERICAN PL	2130 EAST D STREET	US BROWNFIELDS, FINDS	Lower	1023, 0.194, NW
Z103	BERG SCAFFOLDING CO	2130 E D ST	WA UST, WA ALLSITES, WA NPDES	Lower	1023, 0.194, NW
W104	KIEWIT PACIFIC CO TA	132 PUYALLUP AVE	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	1053, 0.199, West
Z105	AMERICAN PLATING	2110 E D ST	CORRACTS, WA INST CONTROL, WA BROWNFIELDS, WA...	Lower	1055, 0.200, NW
Z106	AMERICAN PLATING CO	2110 EAST D ST	SEMS-ARCHIVE	Lower	1055, 0.200, NW
AA107	BROWN & HALEY INC FA	110 E 26TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	1058, 0.200, WSW
Z108	PICKERING INDUSTRIES	2102 E D ST	WA UST, WA ICR, WA ALLSITES, RCRA NonGen / NLR,...	Lower	1068, 0.202, NW
X109	SOUND TRANSIT TACOMA	XXX E 25TH ST	WA CSCSL, WA ALLSITES	Lower	1080, 0.205, East
V110	PRECISION MACHINE WO	925 E 25TH ST	WA ALLSITES, FINDS, ECHO, WA MANIFEST	Lower	1085, 0.205, ENE
V111	PRECISION MACHINE WO	925 E 25TH ST	RCRA NonGen / NLR	Lower	1085, 0.205, ENE
W112	ALMAR INC TACOMA	119 1/2 PUYALLUP AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	1092, 0.207, West
AB113	PUGET SOUND TIRE	102 PUYALLUP RD	WA ALLSITES	Lower	1147, 0.217, West
AB114	PUGET SOUND TIRE	102 PUYALLUP RD	RCRA-SQG, FINDS, ECHO	Lower	1147, 0.217, West
115	HOLROYD CO TACOMA PL	26TH & J ST E	WA ALLSITES, WA NPDES	Lower	1234, 0.234, East
AA116	MCMACKEN PROPERTY SO	115 S 26TH ST	WA VCP	Higher	1246, 0.236, WSW

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AA117	SOUND TRANSIT TACOMA	115 S 26TH ST	RCRA NonGen / NLR	Higher	1246, 0.236, WSW
AA118	SOUND TRANSIT TACOMA	115 S 26TH ST	WA HSL, WA CSCSL, WA ALLSITES, WA MANIFEST	Higher	1246, 0.236, WSW
119	SAVAGE WHOLESALE	1001 E 25TH ST	WA ALLSITES	Lower	1278, 0.242, ENE
AC120	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA CSCSL, WA ALLSITES	Lower	1299, 0.246, NNW
AC121	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1299, 0.246, NNW
AC122	BNRR TACOMA YARD PAR	21ST ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1299, 0.246, NNW
AB123	HOLLAND QUALITY CLEA	102 S 24TH ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Higher	1304, 0.247, West
AB124	ACTION BUSINESS FURN	102 S 24TH ST	WA UST, WA ICR	Higher	1304, 0.247, West
125	SPRING BACK MATTRESS	2301 DOCK STREET	WA SWF/LF, WA SWRCY	Lower	1325, 0.251, WNW
AD126	PINGCO INTERNATIONAL	102 S 26TH ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	1347, 0.255, WSW
AE127	POWDER COATING SYSTE	109 S 25TH ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1358, 0.257, West
AF128	ELEPHANT CAR WASH PA	2501 PACIFIC AVE	WA ALLSITES, WA Financial Assurance	Higher	1382, 0.262, West
129	BNRR TACOMA YARD PAR	21ST & S D ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1384, 0.262, NNW
AG130	TACOMA CITY OF TACOM	2727 E D ST	WA UST, WA ICR	Higher	1385, 0.262, South
AG131	DEPT OF PUBLIC ASSEM	2727 E D ST	WA LUST, WA ALLSITES, WA CSCSL NFA, RCRA NonGen /...	Higher	1385, 0.262, South
AG132	DEPT OF PUBLIC ASSEM	2727 E D ST	WA VCP	Higher	1385, 0.262, South
AF133	TEXACO #63 232 0351	2523 PACIFIC AVE.	WA CSCSL, WA LUST, WA ICR, WA ALLSITES	Higher	1442, 0.273, WSW
AF134	2523 PACIFIC TEXACO	2523 PACIFIC AVE	WA VCP	Higher	1442, 0.273, WSW
AH135	STANDARD CHEMICAL CO	2159 DOCK ST	WA HSL, WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	1486, 0.281, WNW
AE136	FOREMOST DAIRY	2413 PACIFIC AVE S	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	1495, 0.283, West
AD137	CHEERS RESTAURANT	2611 PACIFIC AVE	WA CSCSL, WA LUST, WA ALLSITES	Higher	1520, 0.288, WSW
AI138	TACOMA COAL GASIFICA	A STREET	EDR MGP	Lower	1521, 0.288, WNW
AJ139	FOREVER GRANITE SHOP	2716 A ST	WA ALLSITES	Higher	1527, 0.289, SW
AI140	PSE TACOMA	2205 A ST	WA ALLSITES, FINDS, ECHO	Lower	1529, 0.290, WNW
141	DOCK STREET OVERPASS	21ST & DOCK ST	WA UST, WA ALLSITES	Lower	1566, 0.297, NW
AK142	US BANK PACIFIC AVE	2317 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES, WA ASBESTOS	Higher	1582, 0.300, West
AI143	CARLSON FORMETEC	2202 A ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	1622, 0.307, WNW
144	MCKINLEY PARK	907 UPPER PARK ST	WA CSCSL, WA ALLSITES	Higher	1632, 0.309, SSE
145	LRI LONG HAUL INTERM	1941 E D ST	WA ALLSITES, WA NPDES	Lower	1634, 0.309, NNE
AL146	MAXI SEEDS INC	21ST & D ST	WA ALLSITES, RCRA NonGen / NLR	Lower	1639, 0.310, NNW
147	THEA FOSS WATERWAY E	2101 DOCK ST	WA ALLSITES	Lower	1646, 0.312, NW
148	ECOTEX COMPANY	1115 E 25TH ST	WA ALLSITES, WA SPILLS	Lower	1651, 0.313, ENE
AJ149	EAGLE PAPER BOX CO	106 S 28TH ST	WA ALLSITES	Higher	1660, 0.314, SW
AH150	TACOMA COAL GASIFICA	E 22ND AND A STS	EDR MGP	Lower	1679, 0.318, WNW
AI151	TACOMA COAL GASIFICA	22ND ST & A ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	1679, 0.318, WNW
152	FIRESTONE 31H7 12467	2406 PACIFIC AVE S	WA UST, WA ALLSITES	Higher	1682, 0.319, West
AM153	SAMS TIRE & AUTO SER	2522 PACIFIC AVE	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL...	Higher	1711, 0.324, WSW
AL154	PICKS COVE MARINA	1940 E D ST	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA, WA...	Lower	1714, 0.325, NNW
AL155	PICKS COVE MARINA	1940 E D ST	WA VCP	Lower	1714, 0.325, NNW

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156	TURNER TOWING CO	2620 PACIFIC AVENUE	WA UST, WA ALLSITES	Higher	1714, 0.325, WSW
AK157	J MARCEL BUILDING	2320 PACIFIC AVE	WA INST CONTROL, WA ALLSITES, WA CSCSL NFA	Higher	1740, 0.330, West
AK158	J MARCEL BUILDING	2320 PACIFIC AVE	WA VCP	Higher	1740, 0.330, West
AN159	WA DOT TACOMA I705	I705 E 21ST TO E 24T	WA ALLSITES, RCRA NonGen / NLR	Lower	1799, 0.341, WNW
AO160	POP A GEAR	2712 PACIFIC AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1801, 0.341, WSW
AP161	ROBERSON PROPERTY	2302 PACIFIC AVE.	WA ICR	Higher	1805, 0.342, West
AP162	FRED ROBERSON PROPER	2302 PACIFIC AVE	WA VCP	Higher	1805, 0.342, West
AP163	FRED ROBERSON PROPER	2302 PACIFIC AVE	WA LUST, WA INST CONTROL, WA ALLSITES, WA CSCSL...	Higher	1805, 0.342, West
AQ164	WA DOT I5 M ST TO PO	I5 MP 133.5 TO MP 13	WA ALLSITES	Higher	1807, 0.342, SSW
165	BNSF RAILWAY COMPANY	610 E 21ST ST	WA ALLSITES, WA SPILLS, WA MANIFEST, WA NPDES	Lower	1814, 0.344, North
AR166	DAIRY QUEEN	1112 PUYALLUP AVE	WA ALLSITES	Lower	1824, 0.345, ENE
AN167	MULLANS COLLISION CE	2201 PACIFIC AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1829, 0.346, WNW
168	REP ELELCTRIC INC	1121 E 26TH ST	WA ALLSITES	Lower	1831, 0.347, East
AS169	28TH ST CITY OF TACO	2801 PACIFIC AVE	WA VCP	Higher	1836, 0.348, SW
AS170	28TH ST CITY OF TACO	2801 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES, FINDS, WA ASBESTOS	Higher	1836, 0.348, SW
AM171	WATERHOUSE MOTORS	2502 COMMERCE ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1841, 0.349, West
AO172	SMITTYS FLEET SVC IN	2718 PACIFIC AVE	WA CSCSL, WA LUST, WA UST, WA SWRCY, WA ALLSITES,...	Higher	1842, 0.349, WSW
AR173	WP FULLER PROPERTY	1109 PUYALLUP AVE	WA ALLSITES, WA CSCSL NFA	Lower	1843, 0.349, ENE
AR174	WP FULLER PROPERTY	1109 PUYALLUP AVE	WA VCP	Lower	1843, 0.349, ENE
AQ175	I5 M ST TO PORTLAND	I5 MP 132.84 TO MP 1	WA ALLSITES	Higher	1859, 0.352, SSW
AS176	VIKING SUPPLY	2817 PACIFIC AVE	WA ALLSITES, FINDS	Higher	1862, 0.353, SW
AM177	PARAMOUNT ELECTRIC	225 S TACOMA WAY	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL...	Higher	1865, 0.353, WSW
AN178	ASHLAND CHEMICAL CO	2119 S PACIFIC AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1964, 0.372, WNW
AN179	HUNT & MOTTET	2122 PACIFIC AVE.	WA ICR	Higher	1972, 0.373, WNW
180	TACOMA REDEVELOPMENT	THEA FOSS WATERWAY	WA HSL, WA CSCSL, WA INST CONTROL, WA BROWNFIELDS...	Lower	1983, 0.376, NW
AN181	TWENTY ONE PACIFIC L	2111 PACIFIC AVE	WA ALLSITES, WA CSCSL NFA	Lower	1985, 0.376, WNW
AN182	TWENTY ONE PACIFIC L	2111 PACIFIC AVE	WA VCP	Lower	1985, 0.376, WNW
AT183	TACOMA PLASTICS INC	2416 S C ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	1999, 0.379, West
AU184	ON THE WATER LLC	2502 S C ST	WA CSCSL, WA LUST, WA ALLSITES, WA MANIFEST	Higher	2003, 0.379, West
AV185	AEROSTAR ENGINEERING	2619 E L ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2012, 0.381, East
AR186	VALLEY PUB	1206 PUYALLUP AVE	WA ALLSITES	Lower	2040, 0.386, ENE
AW187	TACOMA STEEL CORP	2128 PACIFIC AVE	WA UST, WA ALLSITES	Higher	2041, 0.387, WNW
AT188	TACOMA CITY GROUNDS	2324 S C ST	WA ALLSITES, WA MANIFEST	Higher	2049, 0.388, West
AX189	HERITAGE CRYSTAL CLE	1901 E D ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Lower	2060, 0.390, NNW
AX190	ALL SAFE ENVIRONMENT	1901 E D ST STE A	WA ALLSITES	Lower	2060, 0.390, NNW
AW191	HUNT MOTTET PARTNERS	2125 COMMERCE	WA ALLSITES, RCRA NonGen / NLR	Higher	2076, 0.393, WNW
AU192	25TH & HOLGATE S TAC	25TH & HOLGATE S	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	2095, 0.397, West
AU193	UNION PACIFIC RAILRO	JEFFERSON 25TH & CEN	SEMS	Higher	2102, 0.398, West
AY194	PHASE I & II DOWNTOW	SOUTH 9TH TO SOUTH 1	WA ALLSITES	Higher	2121, 0.402, WNW

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AT195	ROBERT BROWN PROPERT	2340 S HOLGATE ST	WA ALLSITES	Higher	2122, 0.402, West
AW196	HUNT & MOTTET SEATTL	2112 PACIFIC AVE	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA, FINDS	Higher	2124, 0.402, WNW
AZ197	PACIFIC TRANSPORTATI	440 E 19TH ST	WA ALLSITES, WA CSCSL NFA, RCRA NonGen / NLR,...	Lower	2130, 0.403, North
BA198	ASSOCIATED PETROLEUM	1214 PUYALLUP AVE	WA CSCSL, WA ALLSITES	Lower	2139, 0.405, ENE
BB199	NICHOLS TRUCKING CO	424 E 19TH ST	WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA...	Lower	2145, 0.406, North
BB200	NICHOLS TRUCKING CO	424 E 19TH ST	WA UST, WA ICR, RCRA NonGen / NLR, FINDS, ECHO	Lower	2145, 0.406, North
AZ201	SUPERVALU MEAT WAREH	475 E 19TH ST	WA ALLSITES, FINDS, ECHO, WA NPDES	Lower	2145, 0.406, North
AT202	RAINIER INSULATION I	2338 HOLGATE ST S	WA ALLSITES, WA SPILLS	Higher	2148, 0.407, West
AY203	WA DOT DEDENTE BUILD	2101 PACIFIC AVENUE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2149, 0.407, WNW
AY204	WDOT	2101 PACIFIC AVE.	WA ICR	Higher	2149, 0.407, WNW
AT205	MRP 2009-26 SOUTH TA	S TACOMA WAY S C ST	WA ALLSITES	Higher	2155, 0.408, West
AY206	PUGNETTI PARK	2085 PACIFIC AVE S	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	2158, 0.409, WNW
AU207	ALL COTE COATINGS IN	2510 S HOLGATE ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2164, 0.410, WSW
BC208	CARACOL DESIGN	2514 S HOLGATE ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2168, 0.411, WSW
AU209	MAR JON CONTRACTORS	2512 HOLGATE ST	WA UST, WA ALLSITES	Higher	2180, 0.413, West
AY210	PHASE II DOWNTOWN UT	SOUTH 21ST TO SOUTH	WA ALLSITES	Higher	2183, 0.413, WNW
211	TACOMA CITY OF, GROU	2308 S HOLGATE ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2186, 0.414, West
BD212	JOHNNYS DOCK MARINA	1900 E D ST	WA ALLSITES, WA SPILLS	Lower	2191, 0.415, NNW
BA213	LD KITCHEN AND BATH	1201 PUYALLUP AVE	WA ALLSITES, FINDS, WA MANIFEST, WA UIC	Lower	2199, 0.416, ENE
BA214	PUYALLUP AVE GAS STA	1201-1203 PUYALLUP A	WA VCP	Lower	2199, 0.416, ENE
BA215	PUYALLUP AVE GAS STA	1201-1203 PUYALLUP A	WA CSCSL, WA LUST, WA ALLSITES	Lower	2199, 0.416, ENE
216	SEVEN STONES LLC	2800-2809 S C ST	WA ALLSITES, WA MANIFEST	Higher	2203, 0.417, WSW
AV217	AIR SPARES INC	2617 E L ST	WA VCP	Higher	2204, 0.417, East
AV218	AIRSPARES	2617 L ST E	WA LUST, WA UST, WA INST CONTROL, WA ALLSITES, WA...	Higher	2204, 0.417, East
BE219	SUPERVALU INC BLDG 1	480 E 19TH	WA ALLSITES, FINDS	Lower	2211, 0.419, NNE
220	L STREET LAYOVER EXP		WA ALLSITES	Lower	2214, 0.419, East
BF221	WINGFOOT COMMERCIAL	2210 SOUTH C ST	WA UST, WA ALLSITES, FINDS	Higher	2220, 0.420, WNW
BF222	GOODYEAR TIRE & RUBB	2210 S C ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2220, 0.420, WNW
BA223	TACOMA CENTER MOTEL	1220 PUYALLUP AVE	WA ALLSITES	Lower	2229, 0.422, ENE
BG224	STANDARD PARTS CORP	305 S TACOMA WAY	WA ALLSITES, WA SPILLS, RCRA NonGen / NLR, FINDS,...	Higher	2237, 0.424, WSW
225	WSDOT SR 705 ON RAMP		WA CSCSL, WA ALLSITES	Higher	2239, 0.424, SW
AU226	BNSF RAILROAD HOOD S	2519 HOOD ST	WA ALLSITES, WA MANIFEST	Higher	2239, 0.424, West
227	SUPERVALU INC	490 E 19TH ST	WA UST, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	2255, 0.427, NNE
BH228	TACOMA TRANSLOAD INC	501 E 19TH ST	WA CSCSL, WA ALLSITES, WA SPILLS, WA NPDES	Lower	2257, 0.427, North
BH229	TACOMA TRANSLOAD INC	501 E 19TH ST	WA VCP	Lower	2257, 0.427, North
BH230	SUPERVALU INTERNATIO	495 E 19TH ST	WA ALLSITES	Lower	2269, 0.430, North
231	TACOMA SPUR PROJECT	HWY 705 INTERCHANGE	WA SWF/LF	Higher	2296, 0.435, SSW
232	HOOD ST RESERVOIR	3110 I ST S	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, WA...	Higher	2301, 0.436, SE
BE233	SUPERVALU AMMONIA RE	590 E. 19TH	SEMS, FINDS	Lower	2327, 0.441, NNE

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BF234	COLUMBIA ENERGY RESO	2120 S C ST	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES	Higher	2329, 0.441, WNW
BF235	HEIDELBERG BREWERY	2120 S C ST	WA VCP	Higher	2329, 0.441, WNW
BD236	TACOMA FIXTURE CO.	1815 E D ST	WA ALLSITES, RCRA NonGen / NLR, ICIS, US AIRS, WA...	Lower	2343, 0.444, NNW
BC237	BNSF S HOOD ST RENTA	S HOOD ST	WA HSL, WA CSCSL, WA ALLSITES	Higher	2346, 0.444, WSW
BG238	STAR ICE & FUEL INC	405 S TACOMA WAY	WA LUST, WA UST, WA ALLSITES, WA CSCSL NFA, WA...	Higher	2352, 0.445, WSW
BI239	OLD TIME WOODWORK IN	2105 S C ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2361, 0.447, WNW
BJ240	UNION STATION	1935 PACIFIC AVE.	WA ICR	Lower	2373, 0.449, NW
BI241	BREWERY BLOCKS 2101	2101 SOUTH C ST	WA ALLSITES	Higher	2389, 0.452, WNW
242	BRANDRUD FURNITURE I	1933 DOCK ST	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Lower	2397, 0.454, NW
BG243	D TO M STREETS TRACK		WA ALLSITES	Higher	2403, 0.455, WSW
BJ244	VERIZON WIRELESS WAT	1944 PACIFIC AVE	WA ALLSITES	Higher	2421, 0.459, WNW
245	BURLINGTON NORTHERN	RIGHT-OF-WAY TAR PIT	SEMS	Lower	2431, 0.460, NE
BK246	TACOMA PUBLIC WORKS	2335 JEFFERSON AVE	WA SPILLS, WA AQUEOUS FOAM	Higher	2442, 0.463, West
BJ247	HARMON BREWERY & RES	1938 PACIFIC AVE	WA ALLSITES	Higher	2443, 0.463, WNW
BJ248	UNION STATION MUSEUM	1917 PACIFIC AVE SO	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	2449, 0.464, NW
BL249	MAJOR PETROLEUM B.P.	1302 PUYALLUP AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	2458, 0.466, ENE
BL250	UNOCAL 76 MAJOR PETR	1302 PUYALLUP AVE	WA VCP	Lower	2458, 0.466, ENE
BJ251	WASHINGTON STATE HIS	1911 PACIFIC AVE	WA HSL, WA CSCSL, WA ALLSITES	Lower	2466, 0.467, NW
BM252	STANDARD AUTO ELECTR	401 S TACOMA WAY	WA VCP	Higher	2472, 0.468, WSW
BM253	STANDARD AUTO ELECTR	401 S TACOMA WAY	WA LUST, WA UST, WA ICR, WA ALLSITES, WA CSCSL NFA	Higher	2472, 0.468, WSW
254	TACOMA CITY STREET M	2301 S JEFFERSON	WA ALLSITES, WA MANIFEST	Higher	2477, 0.469, West
BN255	NORTH COAST ELECTRIC	1301 E 26TH ST	WA ALLSITES	Lower	2479, 0.470, East
BL256	TAFT & COMPANY 1239	1239 PUYALLUP AVE	WA VCP	Lower	2481, 0.470, ENE
BL257	TAFT & COMPANY	1239 PUYALLUP AVE.	WA ICR	Lower	2481, 0.470, ENE
BL258	TAFT & COMPANY 1239	1239 PUYALLUP AVE	WA LUST, WA ALLSITES, WA CSCSL NFA	Lower	2481, 0.470, ENE
BO259	MAYCO FISH	2523 S JEFFERSON AVE	WA UST, WA ALLSITES	Higher	2491, 0.472, WSW
260	UNION PACIFIC RR TUN	JEFFERSON & 25TH & C	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	2491, 0.472, West
BK261	WOODLAND TRADE CO JE	2340 S JEFFERSON AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2505, 0.474, West
BK262	CAMARANO BROTHERS	2340 JEFFERSON AVE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2505, 0.474, West
BK263	CAMMARANO TRUST	2340 JEFFERSON AVE.	WA ICR	Higher	2505, 0.474, West
BN264	HERITAGE ENTERPRISES	1321 E 26TH ST	WA ALLSITES, FINDS	Lower	2516, 0.477, East
BN265	TACOMA MOVING & STOR	1314 E 26TH ST	WA ALLSITES	Lower	2531, 0.479, East
BP266	UNIVERSITY OF WASHIN	1953 S C ST	WA UST, WA ALLSITES	Higher	2531, 0.479, WNW
BK267	TOTEM ELECTRIC	2332 JEFFERSON AVE	WA ALLSITES, FINDS	Higher	2535, 0.480, West
BQ268	TRUCK RAIL HANDLING	457 E 18TH ST	RCRA-VSQG, WA HSL, WA CSCSL, WA ALLSITES, WA...	Lower	2537, 0.480, NNE
BQ269	TRUCK RAIL HANDLING	457 E 18TH ST TRANSP	WA ALLSITES, RCRA NonGen / NLR	Lower	2537, 0.480, NNE
BQ270	SAFETY KLEEN SYSTEMS	457 E 18TH ST	WA ALLSITES	Lower	2537, 0.480, NNE
BQ271	MPS INC	457 E 18TH ST FRONT	WA ALLSITES, FINDS, ECHO	Lower	2537, 0.480, NNE
BQ272	ARROW TRANSPORTATION	457 E 18TH ST ARROW	WA ALLSITES, ICIS, FINDS, ECHO	Lower	2537, 0.480, NNE

MAPPED SITES SUMMARY

Target Property Address:
602 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
BR273	ALL COTE COATINGS IN	1311 E 25TH ST	WA ALLSITES	Lower	2544, 0.482, ENE
BK274	ADAMS BRAKE SERVICE	2324 S JEFFERSON AVE	WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Higher	2547, 0.482, West
BI275	PACIFIC AVE S 17TH T	PACIFIC AVE S 17TH S	WA ALLSITES	Higher	2558, 0.484, WNW
BO276	MAYCO FISH COMPANY L	2535 S JEFFERSON AVE	WA ALLSITES, FINDS	Higher	2562, 0.485, WSW
277	SUPERVALU INTERNATIO	1801 E D ST	WA ALLSITES	Lower	2568, 0.486, NNW
BO278	JEFFERSON ST FUEL ST	2524 S JEFFERSON ST	WA UST, WA ALLSITES	Higher	2576, 0.488, WSW
279	CHIHULY INC TACOMA	2101 S JEFFERSON AVE	WA ALLSITES, WA MANIFEST	Higher	2593, 0.491, WNW
BP280	UNIVERSITY OF WASHIN	1904 COMMERCE ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2593, 0.491, WNW
BS281	WEST COAST FRUIT & P	448 E. 18TH ST.	WA ICR	Lower	2600, 0.492, North
BS282	SUPERVALU HOLDINGS I	448 E 18TH ST	WA LUST, WA ALLSITES, WA CSCSL NFA, WA SPILLS, WA...	Lower	2600, 0.492, North
283	SUPERVALU INC BLDG 1	420 E 18TH ST	WA ALLSITES, WA SPILLS, WA MANIFEST	Lower	2608, 0.494, North
BT284	SHAUB-ELLISON PARCEL	1902 PACIFIC AVENUE	US BROWNFIELDS	Higher	2635, 0.499, NW
BT285	SHAUB ELLISON CO TAC	1902 PACIFIC AVE	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2635, 0.499, NW
BR286	LILYBLAD PETROLEUM I	1313 E 25TH ST	WA SWF/LF, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	2638, 0.500, ENE
BL287	BETTE MCBRIER	1320 PUYALLUP AVE	WA CSCSL, WA UST, WA ALLSITES, WA ASBESTOS	Lower	2656, 0.503, ENE
288	BNSF D ST PIPELINE	18TH & D ST	WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	2678, 0.507, NNW
BP289	WA UW TACOMA BR CAMP	1930 C ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, WA ALLSITES,...	Higher	2707, 0.513, WNW
BP290	R & R INVESTMENT	1920 C ST S	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	2707, 0.513, WNW
BT291	WA UW TACOMA BRANCH	1900 COMMERCE	WA HSL, WA CSCSL, WA ALLSITES	Higher	2817, 0.534, NW
292	TACOMA UNION STA	1717 PACIFIC AVE	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	3028, 0.573, NW
293	SUPERVALU NORTHWEST	1525 E D ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES, WA...	Lower	3076, 0.583, North
294	AMERICAN PETROLEUM E	2117 E RIVER ST	WA CSCSL, WA SWF/LF, WA ALLSITES, FINDS, ECHO, WA...	Lower	3217, 0.609, ENE
295	CHEVRON BULK PLANT U	1656 E J ST	WA HSL, WA CSCSL, WA ALLSITES	Lower	3233, 0.612, NNE
296	PILOT TRAVEL CENTER	1440 PUYALLUP AVE	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES, WA	Lower	3259, 0.617, ENE
297	PSE TACOMA HISTORICA	2200 E RIVER ST	WA CSCSL, WA ALLSITES, RCRA NonGen / NLR, FINDS,...	Lower	3262, 0.618, NE
298	ROMAN MEAL COMPANY	2101 SO TACOMA WAY P	WA CSCSL, WA UST, WA ALLSITES	Higher	3305, 0.626, WNW
BU299	PACIFIC QUICKSTOP	1548 PACIFIC AVE	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	3597, 0.681, NW
BU300	PRAIRIE LINE TRAIL	1547 PACIFIC AVE	WA CSCSL, WA ALLSITES	Lower	3627, 0.687, NW
301	TACOMA TAR PITS	PORTLAND AV & RIVER	SEMS, WA HSL, WA CSCSL, WA ALLSITES, CONSENT	Lower	3741, 0.709, NE
302	UNION PACIFIC RAILRO	2300 CLEVELAND WAY	WA CSCSL, WA ALLSITES	Lower	3796, 0.719, ENE
303	DOCK STREET	1501 E DOCK ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Lower	3833, 0.726, NNW
304	RAINIER RICHLITE CO	624 E 15TH ST	RCRA-VSQG, WA CSCSL, WA LUST, WA ALLSITES, TRIS,...	Lower	3835, 0.726, North
305	J M MARTINAC SHIPBUI	401 E 15TH ST	WA CSCSL, WA UST, WA INST CONTROL, WA ALLSITES, WA	Lower	3898, 0.738, NNW
BV306	SUNNEN CRANE CO INC	2323 E Q ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ICR, WA...	Lower	3912, 0.741, East
307	35TH ST LANDFILL CIT	S 35TH ST & PACIFIC	WA CSCSL, WA ALLSITES, FINDS	Higher	3917, 0.742, SSW
308	TACOMA CITY CONVENTI	1500 BROADWAY	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Higher	3921, 0.743, NW
309	KAHNE & KAHNE PROPER	2117 YAKIMA AVE	WA CSCSL, WA ALLSITES	Higher	3922, 0.743, West
310	TACOMA CHRISTIAN CEN	3523 MCKINLEY AVE	WA CSCSL, WA ALLSITES, WA ASBESTOS	Higher	3939, 0.746, SSE
BV311	SEATTLE TRANSFER	1701 BAY ST	WA HSL, WA CSCSL, WA ALLSITES, FINDS	Lower	3939, 0.746, East

MAPPED SITES SUMMARY

Target Property Address:
602 E 25TH ST
TACOMA, WA 98421

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
BV312	RENTAL SERVICE CORPO	2302 E Q ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Lower	3945, 0.747, ENE
313	TACOMA CENTRAL NO 1	2201 E PORTLAND AVE	WA HSL, WA CSCSL, WA LUST, WA ALLSITES, WA SPILLS,...	Lower	3985, 0.755, NE
314	NEWMAN RECYCLING	409 E MORTON ST	WA HSL, WA CSCSL, WA ALLSITES, RCRA NonGen / NLR,...	Higher	4088, 0.774, South
315	TACOMA METALS SITE	1919 PORTLAND AVE	WA HSL, WA CSCSL, WA VCP, WA ALLSITES, RCRA NonGen	Lower	4136, 0.783, NE
316	CLEANER PRESSURE WAS	1820 E PORTLAND AVE	WA CSCSL, WA ALLSITES	Lower	4166, 0.789, NNE
317	1502 MARKET ST TACOM	1502 MARKET ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	4291, 0.813, NW
318	WRIGHT STREET APARTM	602 S WRIGHT AVE	WA CSCSL, WA ALLSITES, WA CDL, WA ASBESTOS	Higher	4344, 0.823, SW
319	HERBERT C TISDALE CE	828 CENTER ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES, FINDS	Higher	4376, 0.829, WSW
BW320	SAUROS CLEANERAMA TA	1401 S PACIFIC AVE	WA HSL, WA CSCSL, WA INST CONTROL, WA ALLSITES,...	Higher	4391, 0.832, NW
BW321	USPS DOWNTOWN TACOMA	S 14TH ST & COURT A	WA HSL, WA CSCSL, WA ALLSITES	Higher	4417, 0.837, NNW
322	BNSF RAILROAD ROW MP	38.5 MILEPOST	WA CSCSL, WA ALLSITES	Lower	4474, 0.847, East
323	UNION PACIFIC RAILRO	1228 ST PAUL AVE	WA CSCSL, WA ALLSITES	Lower	4487, 0.850, North
BX324	SAGER PROPERTY	620 S 34TH ST	WA CSCSL, WA ALLSITES	Higher	4627, 0.876, SW
BX325	VERNON ROBERT KEISTE	3401 S G ST	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	4696, 0.889, SW
326	VILLAGIO II APARTMEN	1328 MARKET ST	WA CSCSL, WA ALLSITES, FINDS	Higher	4760, 0.902, NW
327	CRITTENDON PROPERTY	2155 MARTIN LUTHER K	WA CSCSL, WA LUST, WA UST, WA ALLSITES	Higher	4864, 0.921, West
328	SUPERIOR LINEN SERVI	1012 CENTER ST	WA HSL, WA CSCSL, WA LUST, WA UST, WA ALLSITES,...	Higher	5008, 0.948, WSW
329	A STREET SITE	1201 A ST	WA CSCSL, WA LUST, WA ALLSITES, RCRA NonGen / NLR,...	Higher	5070, 0.960, NNW
330	PETRICH MARINE DOCK	1118 TO 1120 E D ST	WA CSCSL, WA INST CONTROL, WA ALLSITES	Lower	5117, 0.969, North
331	SWIFT RESIDENTIAL PR	3608 S D ST	WA CSCSL, WA ALLSITES	Higher	5185, 0.982, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
FREIGHTHOUSE SQUARE, 602 E 25TH ST TACOMA, WA 98421	WA CSCSL Site Status: Cleanup Started Clean Up Siteid: 14416 Facility ID: 206719 Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Arsenic Contaminant Name: Petroleum-Other Contaminant Name: Polycyclic Aromatic Hydrocarbons WA ALLSITES Facility Id: 206719	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
WA AST..... Aboveground Storage Tank Locations
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWTIRE..... Solid Waste Tire Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
WA HIST CDL..... List of Sites Contaminated by Clandestine Drug Labs
US CDL..... National Clandestine Laboratory Register
WA PFAS..... PFAS Contamination Site Location Listing

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
WA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
TSCA..... Toxic Substances Control Act

EXECUTIVE SUMMARY

SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
WA AIRS	Washington Emissions Data System
WA COAL ASH	Coal Ash Disposal Site Listing
MINES MRDS	Mineral Resources Data System

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

WA RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
WA RGA LF	Recovered Government Archive Solid Waste Facilities List
WA RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

EXECUTIVE SUMMARY

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/29/2020 has revealed that there are 4 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION PACIFIC RAILRO Site ID: 1000963 EPA Id: WAD980723613	JEFFERSON 25TH & CEN	W 1/4 - 1/2 (0.398 mi.)	AU193	1092

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA SPUR Site ID: 1001025 EPA Id: WAD980835789	24TH S AND EAST A (I	W 1/8 - 1/4 (0.180 mi.)	W94	333
SUPERVALU AMMONIA RE BURLINGTON NORTHERN Site ID: 1000960 EPA Id: WAD980723498	***590 E. 19TH*** RIGHT-OF-WAY TAR PIT	***NNE 1/4 - 1/2 (0.441 mi.)*** NE 1/4 - 1/2 (0.460 mi.)	***BE233*** 245	***1286*** 1376

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/29/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING CO Site ID: 1000796 EPA Id: WAD083350231	2110 EAST D ST	NW 1/8 - 1/4 (0.200 mi.)	Z106	437

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/15/2020 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WA UW TACOMA BR CAMP EPA ID:: WAD980664718	***1930 C ST***	***WNW 1/2 - 1 (0.513 mi.)***	***BP289***	***1581***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING EPA ID:: WAD083350231	***2110 E D ST***	***NW 1/8 - 1/4 (0.200 mi.)***	***Z105***	***372***

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PUGET SOUND TIRE EPA ID:: WAD052580180	***102 PUYALLUP RD***	***W 1/8 - 1/4 (0.217 mi.)***	***AB114***	***509***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/15/2020 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARAUSTAR EPA ID:: WAH000050232	808 E 26TH ST	E 1/8 - 1/4 (0.131 mi.)	R85	299

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

WA HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the WA HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there are 38 WA HSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUND TRANSIT TACOMA Facility Type: Hazardous Sites List FSID Number: 7912006 Facility Status: Cleanup Started	***115 S 26TH ST***	***WSW 1/8 - 1/4 (0.236 mi.)***	***AA118***	***534***
FOREMOST DAIRY Facility Type: Hazardous Sites List FSID Number: 22019 Facility Status: Cleanup Started	***2413 PACIFIC AVE S***	***W 1/4 - 1/2 (0.283 mi.)***	***AE136***	***641***
US BANK PACIFIC AVE Facility Type: Hazardous Sites List FSID Number: 10919 Facility Status: Cleanup Started	***2317 PACIFIC AVE***	***W 1/4 - 1/2 (0.300 mi.)***	***AK142***	***649***
28TH ST CITY OF TACO Facility Type: Hazardous Sites List FSID Number: 362821 Facility Status: Cleanup Started	***2801 PACIFIC AVE***	***SW 1/4 - 1/2 (0.348 mi.)***	***AS170***	***827***
25TH & HOLGATE S TAC Facility Type: Hazardous Sites List FSID Number: 16358 Facility Status: Cleanup Started	***25TH & HOLGATE S***	***W 1/4 - 1/2 (0.397 mi.)***	***AU192***	***1090***
PUGNETTI PARK Facility Type: Hazardous Sites List FSID Number: 42385149 Facility Status: Awaiting Cleanup	***2085 PACIFIC AVE S***	***WNW 1/4 - 1/2 (0.409 mi.)***	***AY206***	***1126***
BNSF S HOOD ST RENTA Facility Type: Hazardous Sites List FSID Number: 969 Facility Status: Awaiting Cleanup	***S HOOD ST***	***WSW 1/4 - 1/2 (0.444 mi.)***	***BC237***	***1333***
UNION PACIFIC RR TUN Facility Type: Hazardous Sites List FSID Number: 1292 Facility Status: Awaiting Cleanup	***JEFFERSON & 25TH & C***	***W 1/4 - 1/2 (0.472 mi.)***	***260***	***1408***
WA UW TACOMA BRANCH Facility Type: Hazardous Sites List FSID Number: 1325 Facility Status: Cleanup Started	***1900 COMMERCE***	***NW 1/2 - 1 (0.534 mi.)***	***BT291***	***1638***
PACIFIC QUICKSTOP Facility Type: Hazardous Sites List FSID Number: 74455879 Facility Status: Cleanup Started	***1548 PACIFIC AVE***	***NW 1/2 - 1 (0.681 mi.)***	***BU299***	***1710***
TACOMA CITY CONVENTI Facility Type: Hazardous Sites List	***1500 BROADWAY***	***NW 1/2 - 1 (0.743 mi.)***	***308***	***1880***

FSID Number: 8168704 Facility Status: Awaiting Cleanup				
NEWMAN RECYCLING Facility Type: Hazardous Sites List FSID Number: 69871828 Facility Status: Awaiting Cleanup	***409 E MORTON ST***	***S 1/2 - 1 (0.774 mi.)***	***314***	***1928***
1502 MARKET ST TACOM Facility Type: Hazardous Sites List FSID Number: 72222742 Facility Status: Cleanup Started	***1502 MARKET ST***	***NW 1/2 - 1 (0.813 mi.)***	***317***	***1957***
SAUROS CLEANERAMA TA Facility Type: Hazardous Sites List FSID Number: 4339824 Facility Status: CC-Perf. Monitoring	***1401 S PACIFIC AVE***	***NW 1/2 - 1 (0.832 mi.)***	***BW320***	***1970***
USPS DOWNTOWN TACOMA Facility Type: Hazardous Sites List FSID Number: 99997000 Facility Status: Awaiting Cleanup	***S 14TH ST & COURT A***	***NNW 1/2 - 1 (0.837 mi.)***	***BW321***	***2006***
SUPERIOR LINEN SERVI Facility Type: Hazardous Sites List FSID Number: 5937369 Facility Status: Cleanup Started	***1012 CENTER ST***	***WSW 1/2 - 1 (0.948 mi.)***	***328***	***2028***

Lower Elevation	Address	Direction / Distance	Map ID	Page
STONE PROPERTY TRANS Facility Type: Hazardous Sites List FSID Number: 3782573 Facility Status: Cleanup Started	***E 25TH & E C ST***	***W 0 - 1/8 (0.078 mi.)***	***M51***	***205***
CLEVINGER TRUCK SERV Facility Type: Hazardous Sites List FSID Number: 3291385 Facility Status: Cleanup Started	***423 PUYALLUP AVE***	***NNW 0 - 1/8 (0.096 mi.)***	***L64***	***258***
SOUTH SOUND RADIATOR Facility Type: Hazardous Sites List FSID Number: 8785404 Facility Status: Awaiting Cleanup	***509 PUYALLUP AVE***	***N 0 - 1/8 (0.097 mi.)***	***L69***	***269***
BNSF TACOMA FUELING Facility Type: Hazardous Sites List FSID Number: 7981609 Facility Status: Awaiting Cleanup	***1001 PUYALLUP AVE***	***N 1/8 - 1/4 (0.126 mi.)***	***81***	***296***
SMURFIT STONE CONTAI Facility Type: Hazardous Sites List FSID Number: 17167958 Facility Status: Cleanup Started	***817 E 27TH ST***	***ESE 1/8 - 1/4 (0.158 mi.)***	***U90***	***328***
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 1267 Facility Status: Cleanup Started	***21ST ST & S D ST***	***NNW 1/8 - 1/4 (0.246 mi.)***	***AC121***	***553***
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List	***21ST ST & S D ST***	***NNW 1/8 - 1/4 (0.246 mi.)***	***AC122***	***555***

FSID Number: 3466912 Facility Status: Awaiting Cleanup				
BNRR TACOMA YARD PAR Facility Type: Hazardous Sites List FSID Number: 91663719 Facility Status: Cleanup Started	***21ST & S D ST***	***NNW 1/4 - 1/2 (0.262 mi.)***	***129***	***585***
STANDARD CHEMICAL CO Facility Type: Hazardous Sites List FSID Number: 85776142 Facility Status: CC-Perf. Monitoring	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.281 mi.)***	***AH135***	***637***
TACOMA COAL GASIFICA Facility Type: Hazardous Sites List FSID Number: 1249 Facility Status: Cleanup Started	***22ND ST & A ST***	***WNW 1/4 - 1/2 (0.318 mi.)***	***AI151***	***755***
TACOMA REDEVELOPMENT Facility Type: Hazardous Sites List FSID Number: 1263 Facility Status: CC-Perf. Monitoring	***THEA FOSS WATERWAY***	***NW 1/4 - 1/2 (0.376 mi.)***	***180***	***892***
MAJOR PETROLEUM B.P. Facility Type: Hazardous Sites List FSID Number: 61931157 Facility Status: Cleanup Started	***1302 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.466 mi.)***	***BL249***	***1385***
WASHINGTON STATE HIS Facility Type: Hazardous Sites List FSID Number: 4553045 Facility Status: Awaiting Cleanup	***1911 PACIFIC AVE***	***NW 1/4 - 1/2 (0.467 mi.)***	***BJ251***	***1393***
TRUCK RAIL HANDLING Facility Type: Hazardous Sites List FSID Number: 63316697 Facility Status: Awaiting Cleanup	***457 E 18TH ST***	***NNE 1/4 - 1/2 (0.480 mi.)***	***BQ268***	***1426***
SUPERVALU NORTHWEST Facility Type: Hazardous Sites List FSID Number: 46295623 Facility Status: Cleanup Started	***1525 E D ST***	***N 1/2 - 1 (0.583 mi.)***	***293***	***1645***
CHEVRON BULK PLANT U Facility Type: Hazardous Sites List FSID Number: 1234 Facility Status: Cleanup Started	***1656 E J ST***	***NNE 1/2 - 1 (0.612 mi.)***	***295***	***1671***
TACOMA TAR PITS Facility Type: Hazardous Sites List FSID Number: 221 Facility Status: CC-Perf. Monitoring	***PORTLAND AV & RIVER***	***NE 1/2 - 1 (0.709 mi.)***	***301***	***1720***
DOCK STREET Facility Type: Hazardous Sites List FSID Number: 12454784 Facility Status: Cleanup Started	***1501 E DOCK ST***	***NNW 1/2 - 1 (0.726 mi.)***	***303***	***1725***
SUNNEN CRANE CO INC Facility Type: Hazardous Sites List FSID Number: 61656248 Facility Status: Cleanup Started	***2323 E Q ST***	***E 1/2 - 1 (0.741 mi.)***	***BV306***	***1876***
SEATTLE TRANSFER	***1701 BAY ST***	***E 1/2 - 1 (0.746 mi.)***	***BV311***	***1889***

Facility Type: Hazardous Sites List
FSID Number: 1228
Facility Status: Awaiting Cleanup

TACOMA CENTRAL NO 1	***2201 E PORTLAND AVE***	***NE 1/2 - 1 (0.755 mi.)***	***313***	***1924***

Facility Type: Hazardous Sites List
FSID Number: 92562654
Facility Status: Cleanup Started

TACOMA METALS SITE	***1919 PORTLAND AVE***	***NE 1/2 - 1 (0.783 mi.)***	***315***	***1938***

Facility Type: Hazardous Sites List
FSID Number: 1257
Facility Status: Cleanup Started

State- and tribal - equivalent CERCLIS

WA CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the WA CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 89 WA CSCSL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUND TRANSIT TACOMA	***115 S 26TH ST***	***WSW 1/8 - 1/4 (0.236 mi.)***	***AA118***	***534***

Site Status: Cleanup Started
Clean Up Siteid: 1107
Facility ID: 7912006
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

HOLLAND QUALITY CLEA	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB123***	***556***

Site Status: Cleanup Started
Clean Up Siteid: 10614
Facility ID: 81634828
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

PINGCO INTERNATIONAL	***102 S 26TH ST***	***WSW 1/4 - 1/2 (0.255 mi.)***	***AD126***	***568***

Site Status: Cleanup Started
Clean Up Siteid: 7756
Facility ID: 7640591

Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

TEXACO #63 232 0351 ***2523 PACIFIC AVE.*** ***WSW 1/4 - 1/2 (0.273 mi.)*** ***AF133*** ***633***
Site Status: Cleanup Started
Clean Up Siteid: 6150
Facility ID: 47212644
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Other

FOREMOST DAIRY ***2413 PACIFIC AVE S*** ***W 1/4 - 1/2 (0.283 mi.)*** ***AE136*** ***641***
Site Status: Cleanup Started
Clean Up Siteid: 11443
Facility ID: 22019
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

CHEERS RESTAURANT ***2611 PACIFIC AVE*** ***WSW 1/4 - 1/2 (0.288 mi.)*** ***AD137*** ***645***
Site Status: Cleanup Started
Clean Up Siteid: 11744
Facility ID: 20251
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

US BANK PACIFIC AVE ***2317 PACIFIC AVE*** ***W 1/4 - 1/2 (0.300 mi.)*** ***AK142*** ***649***
Site Status: Cleanup Started
Clean Up Siteid: 12405
Facility ID: 10919
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Petroleum-Gasoline

MCKINLEY PARK ***907 UPPER PARK ST*** ***SSE 1/4 - 1/2 (0.309 mi.)*** ***144*** ***748***
Site Status: Awaiting Cleanup
Clean Up Siteid: 11450
Facility ID: 12317
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Polycyclic Aromatic Hydrocarbons

28TH ST CITY OF TACO ***2801 PACIFIC AVE*** ***SW 1/4 - 1/2 (0.348 mi.)*** ***AS170*** ***827***
Site Status: Cleanup Started
Clean Up Siteid: 3208
Facility ID: 362821
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

SMITTYS FLEET SVC IN ***2718 PACIFIC AVE*** ***WSW 1/4 - 1/2 (0.349 mi.)*** ***AO172*** ***848***
Site Status: Awaiting Cleanup
Clean Up Siteid: 7678
Facility ID: 5947319
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

ON THE WATER LLC ***2502 S C ST*** ***W 1/4 - 1/2 (0.379 mi.)*** ***AU184*** ***936***
Site Status: Awaiting Cleanup

Clean Up Siteid: 12178
Facility ID: 19069
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

25TH & HOLGATE S TAC ***25TH & HOLGATE S*** ***W 1/4 - 1/2 (0.397 mi.)*** ***AU192*** ***1090***
Site Status: Cleanup Started
Clean Up Siteid: 1763
Facility ID: 16358
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

WA DOT DEDENTE BUILD ***2101 PACIFIC AVENUE*** ***WNW 1/4 - 1/2 (0.407 mi.)*** ***AY203*** ***1122***
Site Status: Cleanup Started
Clean Up Siteid: 11064
Facility ID: 92371125
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

PUGNETTI PARK ***2085 PACIFIC AVE S*** ***WNW 1/4 - 1/2 (0.409 mi.)*** ***AY206*** ***1126***
Site Status: Cleanup Started
Clean Up Siteid: 4448
Facility ID: 42385149
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

WSDOT SR 705 ON RAMP ***SW 1/4 - 1/2 (0.424 mi.)*** ***225*** ***1210***
Site Status: Cleanup Started
Clean Up Siteid: 14642
Facility ID: 27197
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Lead

COLUMBIA ENERGY RESO ***2120 S C ST*** ***WNW 1/4 - 1/2 (0.441 mi.)*** ***BF234*** ***1287***
Site Status: Cleanup Started
Clean Up Siteid: 11837
Facility ID: 43392187
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

BNSF S HOOD ST RENTA ***S HOOD ST*** ***WSW 1/4 - 1/2 (0.444 mi.)*** ***BC237*** ***1333***
Site Status: Awaiting Cleanup
Clean Up Siteid: 51
Facility ID: 969
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

UNION PACIFIC RR TUN ***JEFFERSON & 25TH & C*** ***W 1/4 - 1/2 (0.472 mi.)*** ***260*** ***1408***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3259

Facility ID: 1292
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

CAMARANO BROTHERS ***2340 JEFFERSON AVE*** ***W 1/4 - 1/2 (0.474 mi.)*** ***BK262*** ***1419***
Site Status: Cleanup Started
Clean Up Siteid: 8023
Facility ID: 14192885
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

UNIVERSITY OF WASHIN ***1904 COMMERCE ST*** ***WNW 1/4 - 1/2 (0.491 mi.)*** ***BP280*** ***1535***
Site Status: Cleanup Started
Clean Up Siteid: 7788
Facility ID: 8411422
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

SHAUB ELLISON CO TAC ***1902 PACIFIC AVE*** ***NW 1/4 - 1/2 (0.499 mi.)*** ***BT285*** ***1561***
Site Status: Cleanup Started
Clean Up Siteid: 7568
Facility ID: 4283388
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

R & R INVESTMENT ***1920 C ST S*** ***WNW 1/2 - 1 (0.513 mi.)*** ***BP290*** ***1633***
Site Status: Cleanup Started
Clean Up Siteid: 9505
Facility ID: 51567736
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

WA UW TACOMA BRANCH ***1900 COMMERCE*** ***NW 1/2 - 1 (0.534 mi.)*** ***BT291*** ***1638***
Site Status: Cleanup Started
Clean Up Siteid: 141
Facility ID: 1325
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified

ROMAN MEAL COMPANY ***2101 SO TACOMA WAY P*** ***WNW 1/2 - 1 (0.626 mi.)*** ***298*** ***1707***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14707
Facility ID: 9985951
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Lead

Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

PACIFIC QUICKSTOP ***1548 PACIFIC AVE*** ***NW 1/2 - 1 (0.681 mi.)*** ***BU299*** ***1710***
Site Status: Cleanup Started
Clean Up Siteid: 6609
Facility ID: 74455879
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other

35TH ST LANDFILL CIT ***S 35TH ST & PACIFIC*** ***SSW 1/2 - 1 (0.742 mi.)*** ***307*** ***1878***
Site Status: Cleanup Started
Clean Up Siteid: 341
Facility ID: 5774537
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Suspected
Contaminant Name: Arsenic
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

TACOMA CITY CONVENTI ***1500 BROADWAY*** ***NW 1/2 - 1 (0.743 mi.)*** ***308*** ***1880***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4023
Facility ID: 8168704
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

KAHNE & KAHNE PROPER ***2117 YAKIMA AVE*** ***W 1/2 - 1 (0.743 mi.)*** ***309*** ***1882***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14550
Facility ID: 54136
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Lead
Contaminant Name: Metals - Other

TACOMA CHRISTIAN CEN ***3523 MCKINLEY AVE*** ***SSE 1/2 - 1 (0.746 mi.)*** ***310*** ***1883***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13145
Facility ID: 24192
Soil: Suspected
Contaminant Name: Petroleum-Other

NEWMAN RECYCLING ***409 E MORTON ST*** ***S 1/2 - 1 (0.774 mi.)*** ***314*** ***1928***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4620
Facility ID: 69871828
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

1502 MARKET ST TACOM ***1502 MARKET ST*** ***NW 1/2 - 1 (0.813 mi.)*** ***317*** ***1957***

Site Status: Cleanup Started
Clean Up Siteid: 6561
Facility ID: 72222742
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

WRIGHT STREET APARTM ***602 S WRIGHT AVE*** ***SW 1/2 - 1 (0.823 mi.)*** ***318*** ***1961***
Site Status: Cleanup Started
Clean Up Siteid: 2887
Facility ID: 66566232
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other
Contaminant Name: Polychlorinated biPhenyls (PCB)
**Additional key fields are available in the Map Findings section*

HERBERT C TISDALE CE ***828 CENTER ST*** ***WSW 1/2 - 1 (0.829 mi.)*** ***319*** ***1967***
Site Status: Cleanup Started
Clean Up Siteid: 6101
Facility ID: 44822392
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Gasoline

SAUROS CLEANERAMA TA ***1401 S PACIFIC AVE*** ***NW 1/2 - 1 (0.832 mi.)*** ***BW320*** ***1970***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3310
Facility ID: 4339824
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Halogenated Solvents
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents

USPS DOWNTOWN TACOMA ***S 14TH ST & COURT A*** ***NNW 1/2 - 1 (0.837 mi.)*** ***BW321*** ***2006***
Site Status: Awaiting Cleanup
Clean Up Siteid: 4741
Facility ID: 99997000
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

SAGER PROPERTY ***620 S 34TH ST*** ***SW 1/2 - 1 (0.876 mi.)*** ***BX324*** ***2011***
Site Status: Awaiting Cleanup
Clean Up Siteid: 468
Facility ID: 7627912
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified

VERNON ROBERT KEISTE ***3401 S G ST*** ***SW 1/2 - 1 (0.889 mi.)*** ***BX325*** ***2012***
Site Status: Cleanup Started

Clean Up Siteid: 10441
Facility ID: 76281298
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Other Halogenated Organics
Contaminant Name: Other Non-Halogenated Organics
**Additional key fields are available in the Map Findings section*

VILLAGIO II APARTMEN ***1328 MARKET ST*** ***NW 1/2 - 1 (0.902 mi.)*** ***326*** ***2022***
Site Status: Cleanup Started
Clean Up Siteid: 2017
Facility ID: 5317009
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

CRITTENDON PROPERTY ***2155 MARTIN LUTHER K*** ***W 1/2 - 1 (0.921 mi.)*** ***327*** ***2025***
Site Status: Cleanup Started
Clean Up Siteid: 5344
Facility ID: 4588908
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other

SUPERIOR LINEN SERVI ***1012 CENTER ST*** ***WSW 1/2 - 1 (0.948 mi.)*** ***328*** ***2028***
Site Status: Cleanup Started
Clean Up Siteid: 5383
Facility ID: 5937369
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Halogenated Organics
Contaminant Name: Petroleum-Other

A STREET SITE ***1201 A ST*** ***NNW 1/2 - 1 (0.960 mi.)*** ***329*** ***2052***
Site Status: Cleanup Started
Clean Up Siteid: 3386
Facility ID: 22366696
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

SWIFT RESIDENTIAL PR ***3608 S D ST*** ***SSW 1/2 - 1 (0.982 mi.)*** ***331*** ***2072***
Site Status: Cleanup Started
Clean Up Siteid: 13112
Facility ID: 9579

Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NW DIV CA	***725 E 25TH ST***	***ENE 0 - 1/8 (0.047 mi.)***	***G18***	***65***
Site Status: Cleanup Started Clean Up Siteid: 5476 Facility ID: 9111625 Soil: Confirmed Above Cleanup Levels Soil: Below Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Petroleum-Other Contaminant Name: Polychlorinated biPhenyls (PCB)				
FORMER TEXACO SERVIC	***704 PUYALLUP AVE***	***NE 0 - 1/8 (0.066 mi.)***	***K34***	***173***
Site Status: Cleanup Started Clean Up Siteid: 14432 Facility ID: 78349 Soil: Below Cleanup Levels Soil: Confirmed Above Cleanup Levels Ground Water: Confirmed Above Cleanup Levels Contaminant Name: Arsenic Contaminant Name: Lead Contaminant Name: Metals - Other Contaminant Name: Petroleum-Gasoline				
STONE PROPERTY TRANS	***E 25TH & E C ST***	***W 0 - 1/8 (0.078 mi.)***	***M51***	***205***
Site Status: Cleanup Started Clean Up Siteid: 401 Facility ID: 3782573 Soil: Confirmed Above Cleanup Levels Soil: Below Cleanup Levels Ground Water: Suspected Contaminant Name: Arsenic Contaminant Name: Metals Priority Pollutants Contaminant Name: Non-Halogenated Solvents Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Polycyclic Aromatic Hydrocarbons				
CLEVINGER TRUCK SERV	***423 PUYALLUP AVE***	***NNW 0 - 1/8 (0.096 mi.)***	***L64***	***258***
Site Status: Cleanup Started Clean Up Siteid: 5316 Facility ID: 3291385 Soil: Confirmed Above Cleanup Levels Ground Water: Suspected Contaminant Name: Metals Priority Pollutants Contaminant Name: Non-Halogenated Solvents Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Petroleum-Gasoline				
SOUTH SOUND RADIATOR	***509 PUYALLUP AVE***	***N 0 - 1/8 (0.097 mi.)***	***L69***	***269***
Site Status: Awaiting Cleanup Clean Up Siteid: 3600 Facility ID: 8785404 Soil: Confirmed Above Cleanup Levels Ground Water: Suspected				

Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

BNSF TACOMA FUELING ***1001 PUYALLUP AVE*** ***N 1/8 - 1/4 (0.126 mi.)*** ***81*** ***296***
Site Status: Awaiting Cleanup
Clean Up Siteid: 1634
Facility ID: 7981609
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Diesel

SMURFIT STONE CONTAI ***817 E 27TH ST*** ***ESE 1/8 - 1/4 (0.158 mi.)*** ***U90*** ***328***
Site Status: Cleanup Started
Clean Up Siteid: 4529
Facility ID: 17167958
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

TACOMA TRESTLE TRACK ***824 E 25TH STREET*** ***E 1/8 - 1/4 (0.166 mi.)*** ***V93*** ***330***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14992
Facility ID: 8199
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

MENDEZ PROPERTY ***910 PUYALLUP AVE*** ***ENE 1/8 - 1/4 (0.182 mi.)*** ***V96*** ***335***
Site Status: Cleanup Started
Clean Up Siteid: 6355
Facility ID: 59632952
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Gasoline

SOUND TRANSIT TACOMA ***XXX E 25TH ST*** ***E 1/8 - 1/4 (0.205 mi.)*** ***X109*** ***477***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14417
Facility ID: 608568
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NNW 1/8 - 1/4 (0.246 mi.)*** ***AC120*** ***550***
Site Status: Awaiting Cleanup

Site Status: Cleanup Started
Clean Up Siteid: 4081
Clean Up Siteid: 4323
Facility ID: 94957214
Facility ID: 81267111
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Contaminant Name: Base/Neutral/Acid Organics

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NNW 1/8 - 1/4 (0.246 mi.)*** ***AC121*** ***553***

Site Status: Cleanup Started
Clean Up Siteid: 3554
Facility ID: 1267
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons

BNRR TACOMA YARD PAR ***21ST ST & S D ST*** ***NNW 1/8 - 1/4 (0.246 mi.)*** ***AC122*** ***555***

Site Status: Awaiting Cleanup
Clean Up Siteid: 458
Facility ID: 3466912
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

BNRR TACOMA YARD PAR ***21ST & S D ST*** ***NNW 1/4 - 1/2 (0.262 mi.)*** ***129*** ***585***

Site Status: Cleanup Started
Clean Up Siteid: 579
Facility ID: 91663719
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

STANDARD CHEMICAL CO ***2159 DOCK ST*** ***WNW 1/4 - 1/2 (0.281 mi.)*** ***AH135*** ***637***

Site Status: CC-Perf. Monitoring
Clean Up Siteid: 4375
Facility ID: 85776142
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Phenolic Compounds
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

TACOMA COAL GASIFICA ***22ND ST & A ST*** ***WNW 1/4 - 1/2 (0.318 mi.)*** ***AI151*** ***755***

Site Status: Cleanup Started
Clean Up Siteid: 3675
Facility ID: 1249
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Phenolic Compounds
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

TACOMA REDEVELOPMENT ***THEA FOSS WATERWAY*** ***NW 1/4 - 1/2 (0.376 mi.)*** ***180*** ***892***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 3677
Facility ID: 1263
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Remediated
Contaminant Name: Asbestos
Contaminant Name: Base/Neutral/Acid Organics
Contaminant Name: Conventional Contaminants, Inorganic
Contaminant Name: Conventional Contaminants, Organic
Contaminant Name: Corrosive Wastes
**Additional key fields are available in the Map Findings section*
Surface Water: Confirmed Above Cleanup Levels
Surface Water: Remediated

ASSOCIATED PETROLEUM ***1214 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.405 mi.)*** ***BA198*** ***1103***
Site Status: Awaiting Cleanup
Clean Up Siteid: 12514
Facility ID: 4676
Soil: Below Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Metals - Other
**Additional key fields are available in the Map Findings section*

PUYALLUP AVE GAS STA ***1201-1203 PUYALLUP A*** ***ENE 1/4 - 1/2 (0.416 mi.)*** ***BA215*** ***1178***
Site Status: Cleanup Started
Clean Up Siteid: 12039
Facility ID: 8374
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

TACOMA TRANSLOAD INC ***501 E 19TH ST*** ***N 1/4 - 1/2 (0.427 mi.)*** ***BH228*** ***1263***
Site Status: Cleanup Started

Clean Up Siteid: 1981
Facility ID: 25392634
Soil: Remediated
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified

UNION STATION MUSEUM ***1917 PACIFIC AVE SO*** ***NW 1/4 - 1/2 (0.464 mi.)*** ***BJ248*** ***1380***
Site Status: Cleanup Started
Clean Up Siteid: 9641
Facility ID: 54459981
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

MAJOR PETROLEUM B.P. ***1302 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.466 mi.)*** ***BL249*** ***1385***
Site Status: Cleanup Started
Clean Up Siteid: 6385
Facility ID: 61931157
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

WASHINGTON STATE HIS ***1911 PACIFIC AVE*** ***NW 1/4 - 1/2 (0.467 mi.)*** ***BJ251*** ***1393***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3332
Facility ID: 4553045
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified

TRUCK RAIL HANDLING ***457 E 18TH ST*** ***NNE 1/4 - 1/2 (0.480 mi.)*** ***BQ268*** ***1426***
Site Status: Awaiting Cleanup
Clean Up Siteid: 11416
Facility ID: 63316697
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Polycyclic Aromatic Hydrocarbons

BETTE MCBRIER ***1320 PUYALLUP AVE*** ***ENE 1/2 - 1 (0.503 mi.)*** ***BL287*** ***1569***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13150
Facility ID: 64297321
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other

BNSF D ST PIPELINE ***18TH & D ST*** ***NNW 1/2 - 1 (0.507 mi.)*** ***288*** ***1578***
Site Status: CC-Perf. Monitoring

Clean Up Siteid: 1350
Facility ID: 2923141
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Confirmed Above Cleanup Levels

TACOMA UNION STA ***1717 PACIFIC AVE*** ***NW 1/2 - 1 (0.573 mi.)*** ***292*** ***1639***
Site Status: Awaiting Cleanup
Clean Up Siteid: 13045
Facility ID: 71886388
Soil: Suspected
Contaminant Name: Petroleum-Other

SUPERVALU NORTHWEST ***1525 E D ST*** ***N 1/2 - 1 (0.583 mi.)*** ***293*** ***1645***
Site Status: Cleanup Started
Clean Up Siteid: 9315
Facility ID: 46295623
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Diesel

AMERICAN PETROLEUM E ***2117 E RIVER ST*** ***ENE 1/2 - 1 (0.609 mi.)*** ***294*** ***1652***
Site Status: Cleanup Started
Clean Up Siteid: 12931
Facility ID: 13278
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Mercury
Contaminant Name: Metals - Other
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*

CHEVRON BULK PLANT U ***1656 E J ST*** ***NNE 1/2 - 1 (0.612 mi.)*** ***295*** ***1671***
Site Status: Cleanup Started
Clean Up Siteid: 3762
Facility ID: 1234
Soil: Confirmed Above Cleanup Levels
Soil: Suspected
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Benzene
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Diesel
**Additional key fields are available in the Map Findings section*
Surface Water: Suspected

PILOT TRAVEL CENTER ***1440 PUYALLUP AVE*** ***ENE 1/2 - 1 (0.617 mi.)*** ***296*** ***1675***
Site Status: Cleanup Started
Clean Up Siteid: 3750
Facility ID: 98738811
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants

Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

PSE TACOMA HISTORICA ***2200 E RIVER ST*** ***NE 1/2 - 1 (0.618 mi.)*** ***297*** ***1683***
Site Status: Awaiting Cleanup
Clean Up Siteid: 3553
Facility ID: 1252
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Surface Water: Suspected

PRAIRIE LINE TRAIL ***1547 PACIFIC AVE*** ***NW 1/2 - 1 (0.687 mi.)*** ***BU300*** ***1717***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14666
Facility ID: 82265
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Contaminant Name: Halogenated Solvents
Contaminant Name: Lead
Contaminant Name: Other Halogenated Organics
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

TACOMA TAR PITS ***PORTLAND AV & RIVER*** ***NE 1/2 - 1 (0.709 mi.)*** ***301*** ***1720***
Site Status: CC-Perf. Monitoring
Clean Up Siteid: 622
Facility ID: 221
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Polychlorinated biPhenyls (PCB)
Contaminant Name: Polycyclic Aromatic Hydrocarbons

UNION PACIFIC RAILRO ***2300 CLEVELAND WAY*** ***ENE 1/2 - 1 (0.719 mi.)*** ***302*** ***1723***
Site Status: Awaiting Cleanup
Clean Up Siteid: 14535
Facility ID: 67690
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel

DOCK STREET ***1501 E DOCK ST*** ***NNW 1/2 - 1 (0.726 mi.)*** ***303*** ***1725***
Site Status: Cleanup Started
Clean Up Siteid: 7940
Facility ID: 12454784
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

RAINIER RICHLITE CO ***624 E 15TH ST*** ***N 1/2 - 1 (0.726 mi.)*** ***304*** ***1727***
Site Status: Cleanup Started
Clean Up Siteid: 10604
Facility ID: 81457934
Soil: Suspected

Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

J M MARTINAC SHIPBUI	***401 E 15TH ST***	***NNW 1/2 - 1 (0.738 mi.)***	***305***	***1827***

Site Status: Cleanup Started
Clean Up Siteid: 144
Facility ID: 1375

SUNNEN CRANE CO INC	***2323 E Q ST***	***E 1/2 - 1 (0.741 mi.)***	***BV306***	***1876***

Site Status: Cleanup Started
Clean Up Siteid: 9894
Facility ID: 61656248
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Petroleum-Other

SEATTLE TRANSFER	***1701 BAY ST***	***E 1/2 - 1 (0.746 mi.)***	***BV311***	***1889***

Site Status: Awaiting Cleanup
Clean Up Siteid: 3252
Facility ID: 1228
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Suspected

RENTAL SERVICE CORPO	***2302 E Q ST***	***ENE 1/2 - 1 (0.747 mi.)***	***BV312***	***1890***

Site Status: Cleanup Started
Clean Up Siteid: 4264
Facility ID: 26536148
Soil: Remediated-Below
Ground Water: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other
Surface Water: Suspected

TACOMA CENTRAL NO 1	***2201 E PORTLAND AVE***	***NE 1/2 - 1 (0.755 mi.)***	***313***	***1924***

Site Status: Cleanup Started
Clean Up Siteid: 6868
Facility ID: 92562654
Soil: Confirmed Above Cleanup Levels
Ground Water: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum-Diesel

TACOMA METALS SITE	***1919 PORTLAND AVE***	***NE 1/2 - 1 (0.783 mi.)***	***315***	***1938***

Site Status: Cleanup Started
Clean Up Siteid: 3910
Facility ID: 1257
Soil: Confirmed Above Cleanup Levels
Soil: Remediated
Ground Water: Confirmed Above Cleanup Levels
Ground Water: Below Cleanup Levels
Contaminant Name: Metals - Other
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Other Non-Halogenated Organics

Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Polychlorinated biPhenyls (PCB)
**Additional key fields are available in the Map Findings section*
Surface Water: Suspected
Surface Water: Below Cleanup Levels

CLEANER PRESSURE WAS	***1820 E PORTLAND AVE***	***NNE 1/2 - 1 (0.789 mi.)***	***316***	***1955***

Site Status: Awaiting Cleanup
Clean Up Siteid: 13170
Facility ID: 23110
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other

BNSF RAILROAD ROW MP	***38.5 MILEPOST***	***E 1/2 - 1 (0.847 mi.)***	***322***	***2008***

Site Status: Awaiting Cleanup
Clean Up Siteid: 11779
Facility ID: 16491
Soil: Confirmed Above Cleanup Levels
Ground Water: Suspected
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Other
Surface Water: Suspected

UNION PACIFIC RAILRO	***1228 ST PAUL AVE***	***N 1/2 - 1 (0.850 mi.)***	***323***	***2009***

Site Status: Cleanup Started
Clean Up Siteid: 14661
Facility ID: 53785
Soil: Suspected
Contaminant Name: Lead
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

PETRICH MARINE DOCK	***1118 TO 1120 E D ST***	***N 1/2 - 1 (0.969 mi.)***	***330***	***2068***

Site Status: Cleanup Started
Clean Up Siteid: 3980
Facility ID: 414876
Soil: Remediated-Below
Ground Water: Remediated-Below
Contaminant Name: Arsenic
Contaminant Name: Halogenated Organics
Contaminant Name: Lead
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified
**Additional key fields are available in the Map Findings section*

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

WA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Ecology's Solid Waste Facilities Handbook.

A review of the WA SWF/LF list, as provided by EDR, has revealed that there are 5 WA SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA SPUR PROJECT	HWY 705 INTERCHANGE	SSW 1/4 - 1/2 (0.435 mi.)	231	1265
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Historic Landfill (non-regulated) Facility ID: 2832				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CARAUSTAR	***808 E 26TH ST***	***E 1/8 - 1/4 (0.131 mi.)***	***R86***	***310***
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Recycling (non-regulated) Facility ID: 3313 Permit Status: Exempt				
CITY OF TACOMA - DOC	201 PUYALLUP AVE	WNW 1/8 - 1/4 (0.144 mi.)	S89	327
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Pile Used for Storage or Treatment Permit No: 27-725 Facility ID: 1112 Permit Status: Permitted				
SPRING BACK MATTRESS	***2301 DOCK STREET***	***WNW 1/4 - 1/2 (0.251 mi.)***	***125***	***567***
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Material Recovery Facility (exempt) Facility ID: 2732 Permit Status: Exempt				
LILYBLAD PETROLEUM I	***1313 E 25TH ST***	***ENE 1/4 - 1/2 (0.500 mi.)***	***BR286***	***1565***
Database: SWF/LF, Date of Government Version: 06/05/2020 Facility Type: Recycling (non-regulated) Facility ID: 2157 Permit Status: Recycle Survey				

State and tribal leaking storage tank lists

WA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the WA LUST list, as provided by EDR, has revealed that there are 32 WA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLLAND QUALITY CLEA	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB123***	***556***
Database: LUST, Date of Government Version: 05/12/2020				

Release Date: 06/05/1998
LUST Date: 08/25/2014
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 10614
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Facility ID: 81634828

PINGCO INTERNATIONAL ***102 S 26TH ST*** ***WSW 1/4 - 1/2 (0.255 mi.)*** ***AD126*** ***568***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 12/17/2003
LUST Date: 01/18/1993
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 7756
Soil: Confirmed Above Cleanup Levels
Facility ID: 7640591

DEPT OF PUBLIC ASSEM ***2727 E D ST*** ***S 1/4 - 1/2 (0.262 mi.)*** ***AG131*** ***588***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/18/2000
LUST Date: 05/24/2000
Facility Status: LUST - NFA
Cleanup Site ID: 6940
Soil: Confirmed Above Cleanup Levels
Facility ID: 96231256

TEXACO #63 232 0351 ***2523 PACIFIC AVE.*** ***WSW 1/4 - 1/2 (0.273 mi.)*** ***AF133*** ***633***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/22/1991
LUST Date: 12/20/2000
Facility Status: LUST - Monitoring
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6150
Soil: Confirmed Above Cleanup Levels
Facility ID: 47212644

FOREMOST DAIRY ***2413 PACIFIC AVE S*** ***W 1/4 - 1/2 (0.283 mi.)*** ***AE136*** ***641***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 09/22/2010
LUST Date: 09/22/2010
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 11443
Soil: Confirmed Above Cleanup Levels
Facility ID: 22019

CHEERS RESTAURANT ***2611 PACIFIC AVE*** ***WSW 1/4 - 1/2 (0.288 mi.)*** ***AD137*** ***645***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 12/07/2011
LUST Date: 12/22/2011
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 11744
Soil: Confirmed Above Cleanup Levels
Facility ID: 20251

SAMS TIRE & AUTO SER ***2522 PACIFIC AVE*** ***WSW 1/4 - 1/2 (0.324 mi.)*** ***AM153*** ***757***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/26/1996
LUST Date: 08/29/2012

Facility Status: LUST - NFA
Cleanup Site ID: 11116
Soil: Remediated-Below
Facility ID: 93473461

FRED ROBERSON PROPER ***2302 PACIFIC AVE*** ***W 1/4 - 1/2 (0.342 mi.)*** ***AP163*** ***801***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 02/04/1998
LUST Date: 08/12/1998
Facility Status: LUST - NFA
Cleanup Site ID: 6288
Soil: Confirmed Above Cleanup Levels
Facility ID: 55732663

SMITTYS FLEET SVC IN ***2718 PACIFIC AVE*** ***WSW 1/4 - 1/2 (0.349 mi.)*** ***AO172*** ***848***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 10/22/1990
LUST Date: 10/22/1990
Facility Status: LUST - Awaiting Cleanup
Cleanup Site ID: 7678
Soil: Confirmed Above Cleanup Levels
Facility ID: 5947319

PARAMOUNT ELECTRIC ***225 S TACOMA WAY*** ***WSW 1/4 - 1/2 (0.353 mi.)*** ***AM177*** ***860***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 07/09/1997
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Cleanup Site ID: 10471
Soil: Remediated-Below
Facility ID: 77241262

ON THE WATER LLC ***2502 S C ST*** ***W 1/4 - 1/2 (0.379 mi.)*** ***AU184*** ***936***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 04/15/2013
LUST Date: 12/23/2013
Facility Status: LUST - NFA
Cleanup Site ID: 12178
Soil: Remediated-Below
Facility ID: 19069

HUNT & MOTTET SEATTL ***2112 PACIFIC AVE*** ***WNW 1/4 - 1/2 (0.402 mi.)*** ***AW196*** ***1093***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 08/04/1995
LUST Date: 08/30/2012
Facility Status: LUST - NFA
Cleanup Site ID: 8861
Soil: Below Cleanup Levels
Soil: Remediated-Below
Facility ID: 35816943

WA DOT DEDENTE BUILD ***2101 PACIFIC AVENUE*** ***WNW 1/4 - 1/2 (0.407 mi.)*** ***AY203*** ***1122***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 07/06/1995
LUST Date: 07/06/1995
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 11064
Soil: Confirmed Above Cleanup Levels

Facility ID: 92371125

AIRSPARES ***2617 L ST E*** ***E 1/4 - 1/2 (0.417 mi.)*** ***AV218*** ***1187***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/04/1998
LUST Date: 04/19/2008
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Cleanup Site ID: 5946
Soil: Remediated-Above
Facility ID: 36399481

STAR ICE & FUEL INC ***405 S TACOMA WAY*** ***WSW 1/4 - 1/2 (0.445 mi.)*** ***BG238*** ***1334***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/24/1992
Release Date: 06/23/2011
LUST Date: 01/10/2014
Facility Status: LUST - NFA
Cleanup Site ID: 7746
Soil: Confirmed Above Cleanup Levels
Facility ID: 7482754

STANDARD AUTO ELECTR ***401 S TACOMA WAY*** ***WSW 1/4 - 1/2 (0.468 mi.)*** ***BM253*** ***1396***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 07/13/2000
LUST Date: 01/03/2017
Facility Status: LUST - NFA
Ground Water: Below Cleanup Levels
Ground Water: Remediated-Below
Cleanup Site ID: 8639
Soil: Remediated-Below
Facility ID: 29881617

CAMARANO BROTHERS ***2340 JEFFERSON AVE*** ***W 1/4 - 1/2 (0.474 mi.)*** ***BK262*** ***1419***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/19/2001
LUST Date: 05/11/2015
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 8023
Soil: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Facility ID: 14192885

UNIVERSITY OF WASHIN ***1904 COMMERCE ST*** ***WNW 1/4 - 1/2 (0.491 mi.)*** ***BP280*** ***1535***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/29/1995
LUST Date: 06/29/1995
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 7788
Soil: Confirmed Above Cleanup Levels
Facility ID: 8411422

SHAUB ELLISON CO TAC ***1902 PACIFIC AVE*** ***NW 1/4 - 1/2 (0.499 mi.)*** ***BT285*** ***1561***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/01/1993
LUST Date: 05/01/1993
Facility Status: LUST - Cleanup Started
Cleanup Site ID: 7568

Soil: Confirmed Above Cleanup Levels
Facility ID: 4283388

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NW DIV CA	***725 E 25TH ST***	***ENE 0 - 1/8 (0.047 mi.)***	***G18***	***65***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 09/08/1998
LUST Date: 09/09/1998
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 5476
Soil: Confirmed Above Cleanup Levels
Soil: Below Cleanup Levels
Facility ID: 9111625

WESTERN BEER DISTRIB	***712 EAST 26TH***	***ESE 0 - 1/8 (0.068 mi.)***	***F36***	***175***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/25/1992
LUST Date: 10/15/1996
Facility Status: LUST - NFA
Cleanup Site ID: 6346
Soil: Remediated
Soil: Confirmed Above Cleanup Levels
Facility ID: 58813229

MANNA PRO CORP	***518 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L39***	***178***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 01/14/1992
LUST Date: 01/05/2001
Facility Status: LUST - NFA
Ground Water: Remediated-Below
Cleanup Site ID: 9332
Soil: Remediated-Below
Facility ID: 46689617

CLEVINGER TRUCK SERV	***423 PUYALLUP AVE***	***NNW 0 - 1/8 (0.096 mi.)***	***L64***	***258***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 03/01/2007
LUST Date: 12/17/2007
Facility Status: LUST - Cleanup Started
Ground Water: Suspected
Cleanup Site ID: 5316
Soil: Confirmed Above Cleanup Levels
Facility ID: 3291385

GONZALES MOTORS	***301 PUYALLUP AVE***	***WNW 0 - 1/8 (0.108 mi.)***	***P73***	***272***

Database: LUST, Date of Government Version: 05/12/2020
Release Date: 10/02/1996
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Cleanup Site ID: 11037
Soil: Below Cleanup Levels
Soil: Remediated-Below
Facility ID: 91599266

PACIFIC CHARTER SCHO	***2300 EAST E ST***	***NNW 0 - 1/8 (0.111 mi.)***	***Q77***	***278***

Database: LUST, Date of Government Version: 05/12/2020

Release Date: 10/22/2015
LUST Date: 05/20/2019
Facility Status: LUST - NFA
Cleanup Site ID: 14981
Soil: Remediated-Below
Facility ID: 1893

MENDEZ PROPERTY ***910 PUYALLUP AVE*** ***ENE 1/8 - 1/4 (0.182 mi.)*** ***V96*** ***335***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 02/06/1998
LUST Date: 05/21/2003
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6355
Soil: Confirmed Above Cleanup Levels
Facility ID: 59632952

NICHOLS TRUCKING CO ***424 E 19TH ST*** ***N 1/4 - 1/2 (0.406 mi.)*** ***BB199*** ***1107***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 11/12/2001
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Cleanup Site ID: 7877
Soil: Remediated-Below
Soil: Below Cleanup Levels
Facility ID: 11174741

PUYALLUP AVE GAS STA ***1201-1203 PUYALLUP A*** ***ENE 1/4 - 1/2 (0.416 mi.)*** ***BA215*** ***1178***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 06/03/2013
LUST Date: 06/03/2013
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 12039
Soil: Confirmed Above Cleanup Levels
Facility ID: 8374

UNION STATION MUSEUM ***1917 PACIFIC AVE SO*** ***NW 1/4 - 1/2 (0.464 mi.)*** ***BJ248*** ***1380***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 10/01/1992
LUST Date: 01/06/2012
Facility Status: LUST - Cleanup Started
Ground Water: Suspected
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 9641
Soil: Suspected
Soil: Confirmed Above Cleanup Levels
Facility ID: 54459981

MAJOR PETROLEUM B.P. ***1302 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.466 mi.)*** ***BL249*** ***1385***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 05/24/1989
LUST Date: 12/17/2007
Facility Status: LUST - Cleanup Started
Ground Water: Confirmed Above Cleanup Levels
Cleanup Site ID: 6385
Soil: Confirmed Above Cleanup Levels
Facility ID: 61931157

TAFT & COMPANY 1239 ***1239 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.470 mi.)*** ***BL258*** ***1406***
Database: LUST, Date of Government Version: 05/12/2020

Release Date: 08/18/2000
LUST Date: 10/10/2000
Facility Status: LUST - NFA
Cleanup Site ID: 5932
Soil: Confirmed Above Cleanup Levels
Facility ID: 35539812

SUPERVALU HOLDINGS I ***448 E 18TH ST*** ***N 1/4 - 1/2 (0.492 mi.)*** ***BS282*** ***1537***
Database: LUST, Date of Government Version: 05/12/2020
Release Date: 03/14/1991
LUST Date: 08/29/2012
Facility Status: LUST - NFA
Ground Water: Remediated-Below
Cleanup Site ID: 10098
Soil: Remediated-Below
Soil: Below Cleanup Levels
Facility ID: 66615685

State and tribal registered storage tank lists

WA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the WA UST list, as provided by EDR, and dated 05/12/2020 has revealed that there are 19 WA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GARY W JOHNSON Facility ID: 14281979 Tank Status: Removed - No Site Assessment Found Tank Closure Date: 02/27/2020 Site Id: 101310	323 EAST 26TH ST	WSW 0 - 1/8 (0.040 mi.)	D15	63
DON ENGLE DISTRIBUTI Facility ID: 75382517 Tank Status: Removed Site Id: 9917	***2601 E F ST***	***SE 0 - 1/8 (0.065 mi.)***	***E32***	***171***
ACTION BUSINESS FURN Facility ID: 81634828 Tank Status: Closed in Place Site Id: 463158	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB124***	***566***

Lower Elevation	Address	Direction / Distance	Map ID	Page
F & E INVESTMENTS Facility ID: 99973128 Tank Status: Removed Tank Closure Date: 02/07/2020 Site Id: 8296	***401 EA 25 ST***	***WNW 0 - 1/8 (0.019 mi.)***	***C6***	***32***
SPRING AIR NW DIV CA Facility ID: 9111625	***725 E 25TH ST***	***ENE 0 - 1/8 (0.047 mi.)***	***G18***	***65***

Tank Status: Removed Site Id: 6904				
WESTERN BEER DISTRIB Facility ID: 58813229 Tank Status: Removed Site Id: 2584	***712 EAST 26TH***	***ESE 0 - 1/8 (0.068 mi.)***	***F36***	***175***
MANNA PRO CORP Facility ID: 46689617 Tank Status: Closure in Process Site Id: 1672	***518 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L39***	***178***
DISCOVERY Facility ID: 31649744 Tank Status: Closure in Process Site Id: 502627	***502 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L42***	***182***
SALVATION ARMY ARC Facility ID: 12432118 Tank Status: Removed Tank Closure Date: 03/16/2015 Site Id: 620192	409 PUYALLUP AVE	NW 0 - 1/8 (0.086 mi.)	N54	208
CLEVINGER TRUCK SERV Facility ID: 3291385 Tank Status: Removed Tank Closure Date: 07/29/2008 Tank Closure Date: 01/01/1990 Site Id: 4874	***423 PUYALLUP AVE***	***NNW 0 - 1/8 (0.096 mi.)***	***L64***	***258***
FRONTIER TRANSPORTAT Facility ID: 27655611 Tank Status: Removed Site Id: 4378	***217 EAST 25TH ST***	***W 0 - 1/8 (0.105 mi.)***	***M71***	***270***
GONZALES MOTORS Facility ID: 91599266 Tank Status: Removed Site Id: 400398	***301 PUYALLUP AVE***	***WNW 0 - 1/8 (0.108 mi.)***	***P73***	***272***
PACIFIC CHARTER SCHO Facility ID: 1893 Tank Status: Removed Tank Closure Date: 10/28/2015 Site Id: 620249	2300 EAST E ST	NNW 0 - 1/8 (0.111 mi.)	Q76	278
SUPERIOR CARTAGE OF Facility ID: 4291751 Tank Status: Removed Site Id: 4666	805 PUYALLUP AVE	ENE 1/8 - 1/4 (0.139 mi.)	T88	326
MENDEZ PROPERTY Facility ID: 59632952 Tank Status: Removed Site Id: 502682	***910 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***V96***	***335***
DOCK ST STATION Facility ID: 13182788 Tank Status: Removed Site Id: 6072	2301 E B ST	WNW 1/8 - 1/4 (0.192 mi.)	Y99	342
BERG SCAFFOLDING CO	***2130 E D ST***	***NW 1/8 - 1/4 (0.194 mi.)***	***Z103***	***364***

Facility ID: 8525915 Tank Status: Removed Tank Closure Date: 09/11/2006 Site Id: 619221				
KIEWIT PACIFIC CO TA Facility ID: 95452652 Tank Status: Closed in Place Tank Status: Removed Site Id: 8370	***132 PUYALLUP AVE***	***W 1/8 - 1/4 (0.199 mi.)***	***W104***	***365***
PICKERING INDUSTRIES Facility ID: 75455429 Tank Status: Closure in Process Site Id: 8944	***2102 E D ST***	***NW 1/8 - 1/4 (0.202 mi.)***	***Z108***	***470***

State and tribal institutional control / engineering control registries

WA INST CONTROL: Sites that have institutional controls.

A review of the WA INST CONTROL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 9 WA INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
J MARCEL BUILDING Facility Site ID: 28236738 CS ID: 1124	***2320 PACIFIC AVE***	***W 1/4 - 1/2 (0.330 mi.)***	***AK157***	***789***
FRED ROBERSON PROPER Facility Site ID: 55732663 CS ID: 6288	***2302 PACIFIC AVE***	***W 1/4 - 1/2 (0.342 mi.)***	***AP163***	***801***
AIRSPARES Facility Site ID: 36399481 CS ID: 5946	***2617 L ST E***	***E 1/4 - 1/2 (0.417 mi.)***	***AV218***	***1187***
COLUMBIA ENERGY RESO Facility Site ID: 43392187 CS ID: 11837	***2120 S C ST***	***WNW 1/4 - 1/2 (0.441 mi.)***	***BF234***	***1287***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE Facility Site ID: 1351 CS ID: 719	***25TH & G ST E***	***ENE 0 - 1/8 (0.001 mi.)***	***B4***	***23***
AMERICAN PLATING Facility Site ID: 1202 CS ID: 2539	***2110 E D ST***	***NW 1/8 - 1/4 (0.200 mi.)***	***Z105***	***372***
STANDARD CHEMICAL CO Facility Site ID: 85776142 CS ID: 4375	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.281 mi.)***	***AH135***	***637***
PICKS COVE MARINA Facility Site ID: 42518833 CS ID: 4654	***1940 E D ST***	***NNW 1/4 - 1/2 (0.325 mi.)***	***AL154***	***770***
TACOMA REDEVELOPMENT	***THEA FOSS WATERWAY***	***NW 1/4 - 1/2 (0.376 mi.)***	***180***	***892***

Facility Site ID: 1263
CS ID: 3677

State and tribal voluntary cleanup sites

WA VCP: Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

A review of the WA VCP list, as provided by EDR, and dated 07/13/2020 has revealed that there are 24 WA VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DRESSEL PROPERTY Date NFA: 2017-07-26 VCP: NFA Facility ID: 22853 Date NFA: 2017-07-26 VCP: NFA Cleanup Siteid: 11844	306 308 314 E 26TH S	SW 0 - 1/8 (0.073 mi.)	H46	196
MCMACKEN PROPERTY SO Facility ID: 7912006 Cleanup Siteid: 1107	115 S 26TH ST	WSW 1/8 - 1/4 (0.236 mi.)	AA116	515
DEPT OF PUBLIC ASSEM Date NFA: 2000-05-24 VCP: NFA Facility ID: 96231256 Date NFA: 2000-05-24 VCP: NFA Cleanup Siteid: 6940	2727 E D ST	S 1/4 - 1/2 (0.262 mi.)	AG132	632
2523 PACIFIC TEXACO Facility ID: 47212644 Cleanup Siteid: 6150	2523 PACIFIC AVE	WSW 1/4 - 1/2 (0.273 mi.)	AF134	637
J MARCEL BUILDING Date NFA: 2008-02-21 VCP: NFA Facility ID: 28236738 Date NFA: 2008-02-21 VCP: NFA Cleanup Siteid: 1124	2320 PACIFIC AVE	W 1/4 - 1/2 (0.330 mi.)	AK158	791
FRED ROBERSON PROPER Date NFA: 1998-08-12 VCP: NFA Facility ID: 55732663 Date NFA: 1998-08-12 VCP: NFA Cleanup Siteid: 6288	2302 PACIFIC AVE	W 1/4 - 1/2 (0.342 mi.)	AP162	801
28TH ST CITY OF TACO Facility ID: 362821 Cleanup Siteid: 3208	2801 PACIFIC AVE	SW 1/4 - 1/2 (0.348 mi.)	AS169	826
AIR SPARES INC	2617 E L ST	E 1/4 - 1/2 (0.417 mi.)	AV217	1186

Date NFA: 2008-09-19 VCP: NFA Facility ID: 36399481 Date NFA: 2008-09-19 VCP: NFA Cleanup Siteid: 5946				
HEIDELBERG BREWERY VCP: TRUE Facility ID: 43392187 VCP: TRUE Cleanup Siteid: 11837	2120 S C ST	WNW 1/4 - 1/2 (0.441 mi.)	BF235	1290
STANDARD AUTO ELECTR Date NFA: 2017-01-03 VCP: NFA Facility ID: 29881617 Date NFA: 2017-01-03 VCP: NFA Cleanup Siteid: 8639	401 S TACOMA WAY	WSW 1/4 - 1/2 (0.468 mi.)	BM252	1394

Lower Elevation	Address	Direction / Distance	Map ID	Page
SPRING AIR NORTHWEST VCP: TRUE Facility ID: 9111625 VCP: TRUE Cleanup Siteid: 5476	725 E 25TH ST	ENE 0 - 1/8 (0.047 mi.)	G19	68
PRECISION PATTERN IN Date NFA: 2009-03-04 VCP: NFA Facility ID: 85239825 Date NFA: 2009-03-04 VCP: NFA Cleanup Siteid: 4080	2620 E G ST	ESE 0 - 1/8 (0.063 mi.)	F28	102
FORMER TEXACO SERVIC VCP: TRUE Facility ID: 78349 VCP: TRUE Cleanup Siteid: 14432	704 PUYALLUP AVE	NE 0 - 1/8 (0.066 mi.)	K33	172
STONE PROPERTY TRANS Facility ID: 3782573 Cleanup Siteid: 401	E 25TH & E C ST	W 0 - 1/8 (0.078 mi.)	M50	204
INDUSTRIAL TIRE SERV Facility ID: 3291385 Cleanup Siteid: 5316	423 PUYALLUP AVE	NNW 0 - 1/8 (0.096 mi.)	L66	266
SMURFIT STONE CONTAI Facility ID: 17167958 Cleanup Siteid: 4529	817 E 27TH ST	ESE 1/8 - 1/4 (0.158 mi.)	U91	329
MENDEZ PROPERTY Facility ID: 59632952 Cleanup Siteid: 6355	910 PUYALLUP AVE	ENE 1/8 - 1/4 (0.182 mi.)	V95	334
PICKS COVE MARINA Date NFA: 2004-10-09	1940 E D ST	NNW 1/4 - 1/2 (0.325 mi.)	AL155	787

VCP: NFA Facility ID: 42518833 Date NFA: 2004-10-09 VCP: NFA Cleanup Siteid: 4654				
WP FULLER PROPERTY Date NFA: 2013-09-05 VCP: NFA Facility ID: 16761 Date NFA: 2013-09-05 VCP: NFA Cleanup Siteid: 12038	1109 PUYALLUP AVE	ENE 1/4 - 1/2 (0.349 mi.)	AR174	859
TWENTY ONE PACIFIC L Date NFA: 2000-09-28 VCP: NFA Facility ID: 89134268 Date NFA: 2000-09-28 VCP: NFA Cleanup Siteid: 3620	2111 PACIFIC AVE	WNW 1/4 - 1/2 (0.376 mi.)	AN182	931
PUYALLUP AVE GAS STA VCP: TRUE Facility ID: 8374 VCP: TRUE Cleanup Siteid: 12039	1201-1203 PUYALLUP A	ENE 1/4 - 1/2 (0.416 mi.)	BA214	1175
TACOMA TRANSLOAD INC Facility ID: 25392634 Cleanup Siteid: 1981	501 E 19TH ST	N 1/4 - 1/2 (0.427 mi.)	BH229	1265
UNOCAL 76 MAJOR PETR Facility ID: 61931157 Cleanup Siteid: 6385	1302 PUYALLUP AVE	ENE 1/4 - 1/2 (0.466 mi.)	BL250	1393
TAFT & COMPANY 1239 Date NFA: 2000-10-10 VCP: NFA Facility ID: 35539812 Date NFA: 2000-10-10 VCP: NFA Cleanup Siteid: 5932	1239 PUYALLUP AVE	ENE 1/4 - 1/2 (0.470 mi.)	BL256	1405

WA ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 18 WA ICR sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ACTION BUSINESS FURN Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 07/15/98 Media Contaminated: S	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB124***	***566***
TACOMA CITY OF TACOM	***2727 E D ST***	***S 1/4 - 1/2 (0.262 mi.)***	***AG130***	***587***

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Date Ecology Received Report: 01/18/00
Media Contaminated: S

TEXACO #63 232 0351	***2523 PACIFIC AVE.***	***WSW 1/4 - 1/2 (0.273 mi.)***	***AF133***	***633***

Contaminants Found at Site: 6
Type of Report Ecology Received: I
Date Ecology Received Report: 04/03/98
Date Ecology Received Report: 06/25/99
Date Ecology Received Report: 10/04/99
Date Ecology Received Report: 05/26/00
Date Ecology Received Report: 04/25/96
**Additional key fields are available in the Map Findings section*
Media Contaminated: GW,S

SAMS TIRE & AUTO SER	***2522 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.324 mi.)***	***AM153***	***757***

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Date Ecology Received Report: 07/08/96
Media Contaminated: S

ROBERSON PROPERTY	2302 PACIFIC AVE.	W 1/4 - 1/2 (0.342 mi.)	AP161	800

Contaminants Found at Site: 6
Type of Report Ecology Received: I
Type of Report Ecology Received: F
Date Ecology Received Report: 02/13/98
Date Ecology Received Report: 05/11/98
Media Contaminated: S

PARAMOUNT ELECTRIC	***225 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.353 mi.)***	***AM177***	***860***

Contaminants Found at Site: 6
Type of Report Ecology Received: I
Type of Report Ecology Received: F
Date Ecology Received Report: 08/25/00
Date Ecology Received Report: 04/16/01
Date Ecology Received Report: 07/09/97
Media Contaminated: S

HUNT & MOTTET	2122 PACIFIC AVE.	WNW 1/4 - 1/2 (0.373 mi.)	AN179	892

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Date Ecology Received Report: 09/29/95
Media Contaminated: S

WDOT	2101 PACIFIC AVE.	WNW 1/4 - 1/2 (0.407 mi.)	AY204	1125

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Date Ecology Received Report: 01/17/01
Media Contaminated: GW,S

STANDARD AUTO ELECTR	***401 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.468 mi.)***	***BM253***	***1396***

Contaminants Found at Site: 6
Type of Report Ecology Received: I
Date Ecology Received Report: 07/13/00
Date Ecology Received Report: 09/24/02
Date Ecology Received Report: 10/23/00
Media Contaminated: S

CAMMARANO TRUST	2340 JEFFERSON AVE.	W 1/4 - 1/2 (0.474 mi.)	BK263	1424

Contaminants Found at Site: 6
Type of Report Ecology Received: F
Date Ecology Received Report: 07/21/00
Media Contaminated: S

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANNA PRO CORP Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 09/23/92 Date Ecology Received Report: 01/18/94 Media Contaminated: GW,S	***518 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L39***	***178***
GONZALES MOTORS Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 03/17/97 Date Ecology Received Report: 12/04/96 Media Contaminated: S	***301 PUYALLUP AVE***	***WNW 0 - 1/8 (0.108 mi.)***	***P73***	***272***
MENDEZ PROPERTY Contaminants Found at Site: 6 Type of Report Ecology Received: I Type of Report Ecology Received: F Date Ecology Received Report: 02/06/98 Date Ecology Received Report: 09/27/00 Media Contaminated: S	***910 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***V96***	***335***
PICKERING INDUSTRIES Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 01/23/95 Media Contaminated: S	***2102 E D ST***	***NW 1/8 - 1/4 (0.202 mi.)***	***Z108***	***470***
NICHOLS TRUCKING CO Contaminants Found at Site: 6 Type of Report Ecology Received: F Date Ecology Received Report: 06/17/02 Date Ecology Received Report: 07/26/02 Media Contaminated: S	***424 E 19TH ST***	***N 1/4 - 1/2 (0.406 mi.)***	***BB200***	***1113***
UNION STATION Contaminants Found at Site: 6 Type of Report Ecology Received: I Date Ecology Received Report: 03/22/93 Media Contaminated: GW,S	1935 PACIFIC AVE.	NW 1/4 - 1/2 (0.449 mi.)	BJ240	1369
TAFT & COMPANY Contaminants Found at Site: 6 Type of Report Ecology Received: F Type of Report Ecology Received: I Date Ecology Received Report: 08/18/00 Date Ecology Received Report: 04/18/01 Date Ecology Received Report: 09/28/00 Media Contaminated: S	1239 PUYALLUP AVE.	ENE 1/4 - 1/2 (0.470 mi.)	BL257	1405
WEST COAST FRUIT & P Contaminants Found at Site: 6	448 E. 18TH ST.	N 1/4 - 1/2 (0.492 mi.)	BS281	1537

Type of Report Ecology Received: F
Date Ecology Received Report: 07/23/92
Media Contaminated: GW,S

WA PTAP: A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

A review of the WA PTAP list, as provided by EDR, and dated 05/12/2020 has revealed that there is 1 WA PTAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MAJOR PETROLEUM B.P.	***1302 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.466 mi.)***	***BL249***	***1385***

State and tribal Brownfields sites

WA BROWNFIELDS: A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

A review of the WA BROWNFIELDS list, as provided by EDR, and dated 07/13/2020 has revealed that there are 2 WA BROWNFIELDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN PLATING Facilty ID: 1202 Facility Status: NFA	***2110 E D ST***	***NW 1/8 - 1/4 (0.200 mi.)***	***Z105***	***372***
TACOMA REDEVELOPMENT Facilty ID: 1263 Facility Status: CC-Perf. Monitoring	***THEA FOSS WATERWAY***	***NW 1/4 - 1/2 (0.376 mi.)***	***180***	***892***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/01/2020 has revealed that there

are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHAUB-ELLISON PARCEL ACRES property ID: 15864 Cleanup Completion Date: 3/7/2007	1902 PACIFIC AVENUE	NW 1/4 - 1/2 (0.499 mi.)	BT284	1553

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRLF-06: AMERICAN PL ACRES property ID: 14353 Cleanup Completion Date: - Cleanup Completion Date: 11/30/2011	***2130 EAST D STREET***	***NW 1/8 - 1/4 (0.194 mi.)***	***Z102***	***353***

Local Lists of Landfill / Solid Waste Disposal Sites

WA SWRCY: A llisting of recycling center locations.

A review of the WA SWRCY list, as provided by EDR, and dated 04/30/2020 has revealed that there are 3 WA SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SMITTYS FLEET SVC IN	***2718 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.349 mi.)***	***AO172***	***848***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NW FURNITURE BANK	117 PUYALLUP AVE TAC	WNW 1/8 - 1/4 (0.189 mi.)	W98	341
SPRING BACK MATTRESS	***2301 DOCK STREET***	***WNW 1/4 - 1/2 (0.251 mi.)***	***125***	***567***

Local Lists of Hazardous waste / Contaminated Sites

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 204 WA ALLSITES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INDUSTRIAL PARTS FRI Facility Id: 99982525	***409 E 26TH ST***	***SW 0 - 1/8 (0.025 mi.)***	***D9***	***41***
GOLDEN WEST MOTEL Facility Id: 62113225	***503 E 26TH***	***S 0 - 1/8 (0.025 mi.)***	***A10***	***45***
MELODY MEATS Facility Id: 14281979 Facility Id: 24527	323 E 26TH ST	WSW 0 - 1/8 (0.040 mi.)	D16	64
SME CORP Facility Id: 82577212	***311 E 26TH ST***	***WSW 0 - 1/8 (0.050 mi.)***	***H21***	***75***
SME SOLUTIONS Facility Id: 3722	313 E 26TH ST	WSW 0 - 1/8 (0.050 mi.)	H22	100
MYSTIC MOCHA	402 E 26TH ST	SW 0 - 1/8 (0.059 mi.)	D25	101

Facility Id: 19140				
DON ENGLE DISTRIBUTI Facility Id: 75382517	***2601 E F ST***	***SE 0 - 1/8 (0.065 mi.)***	***E32***	***171***
TOD DRESSEL PRIVATE Facility Id: 22853	***306 308 314 E 26TH S***	***SW 0 - 1/8 (0.073 mi.)***	***H43***	***183***
EDGE TECHNOLOGIES Facility Id: 21372	314 E 26TH ST	SW 0 - 1/8 (0.073 mi.)	H45	196
AT&T WIRELESS TACOMA Facility Id: 1248033	***222 E 26TH ST***	***WSW 0 - 1/8 (0.115 mi.)***	***78***	***280***
BROWN & HALEY INC FA Facility Id: 66127836	***110 E 26TH ST***	***WSW 1/8 - 1/4 (0.200 mi.)***	***AA107***	***439***
SOUND TRANSIT TACOMA Facility Id: 7912006	***115 S 26TH ST***	***WSW 1/8 - 1/4 (0.236 mi.)***	***AA118***	***534***
HOLLAND QUALITY CLEA Facility Id: 81634828	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB123***	***556***
PINGCO INTERNATIONAL Facility Id: 7640591	***102 S 26TH ST***	***WSW 1/4 - 1/2 (0.255 mi.)***	***AD126***	***568***
POWDER COATING SYSTE Facility Id: 96432865	***109 S 25TH ST***	***W 1/4 - 1/2 (0.257 mi.)***	***AE127***	***571***
ELEPHANT CAR WASH PA Facility Id: 78971423	***2501 PACIFIC AVE***	***W 1/4 - 1/2 (0.262 mi.)***	***AF128***	***583***
DEPT OF PUBLIC ASSEM Facility Id: 96231256 Facility Id: 19576	***2727 E D ST***	***S 1/4 - 1/2 (0.262 mi.)***	***AG131***	***588***
TEXACO #63 232 0351 Facility Id: 47212644	***2523 PACIFIC AVE.***	***WSW 1/4 - 1/2 (0.273 mi.)***	***AF133***	***633***
FOREMOST DAIRY Facility Id: 22019	***2413 PACIFIC AVE S***	***W 1/4 - 1/2 (0.283 mi.)***	***AE136***	***641***
CHEERS RESTAURANT Facility Id: 20251	***2611 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.288 mi.)***	***AD137***	***645***
FOREVER GRANITE SHOP Facility Id: 19600	2716 A ST	SW 1/4 - 1/2 (0.289 mi.)	AJ139	646
US BANK PACIFIC AVE Facility Id: 10919	***2317 PACIFIC AVE***	***W 1/4 - 1/2 (0.300 mi.)***	***AK142***	***649***
MCKINLEY PARK Facility Id: 12317	***907 UPPER PARK ST***	***SSE 1/4 - 1/2 (0.309 mi.)***	***144***	***748***
EAGLE PAPER BOX CO Facility Id: 53367357	106 S 28TH ST	SW 1/4 - 1/2 (0.314 mi.)	AJ149	755
FIRESTONE 31H7 12467 Facility Id: 53241629	***2406 PACIFIC AVE S***	***W 1/4 - 1/2 (0.319 mi.)***	***152***	***757***
SAMS TIRE & AUTO SER Facility Id: 93473461	***2522 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.324 mi.)***	***AM153***	***757***
TURNER TOWING CO Facility Id: 71257565	***2620 PACIFIC AVENUE***	***WSW 1/4 - 1/2 (0.325 mi.)***	***156***	***788***
J MARCEL BUILDING Facility Id: 28236738	***2320 PACIFIC AVE***	***W 1/4 - 1/2 (0.330 mi.)***	***AK157***	***789***
POP A GEAR	***2712 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.341 mi.)***	***AO160***	***796***

Facility Id: 3137972				
FRED ROBERSON PROPER Facility Id: 55732663	***2302 PACIFIC AVE***	***W 1/4 - 1/2 (0.342 mi.)***	***AP163***	***801***
WA DOT I5 M ST TO PO Facility Id: 18854	I5 MP 133.5 TO MP 13	SSW 1/4 - 1/2 (0.342 mi.)	AQ164	803
MULLANS COLLISION CE Facility Id: 49493534	***2201 PACIFIC AVE***	***WNW 1/4 - 1/2 (0.346 mi.)***	***AN167***	***809***
28TH ST CITY OF TACO Facility Id: 362821	***2801 PACIFIC AVE***	***SW 1/4 - 1/2 (0.348 mi.)***	***AS170***	***827***
WATERHOUSE MOTORS Facility Id: 75485899 Facility Id: 3491	***2502 COMMERCE ST***	***W 1/4 - 1/2 (0.349 mi.)***	***AM171***	***833***
SMITTYS FLEET SVC IN Facility Id: 5947319	***2718 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.349 mi.)***	***AO172***	***848***
I5 M ST TO PORTLAND Facility Id: 6147	I5 MP 132.84 TO MP 1	SSW 1/4 - 1/2 (0.352 mi.)	AQ175	859
VIKING SUPPLY Facility Id: 394758	***2817 PACIFIC AVE***	***SW 1/4 - 1/2 (0.353 mi.)***	***AS176***	***860***
PARAMOUNT ELECTRIC Facility Id: 77241262	***225 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.353 mi.)***	***AM177***	***860***
ASHLAND CHEMICAL CO Facility Id: 21518716	***2119 S PACIFIC AVE***	***WNW 1/4 - 1/2 (0.372 mi.)***	***AN178***	***882***
TACOMA PLASTICS INC Facility Id: 21491554	***2416 S C ST***	***W 1/4 - 1/2 (0.379 mi.)***	***AT183***	***931***
ON THE WATER LLC Facility Id: 19069	***2502 S C ST***	***W 1/4 - 1/2 (0.379 mi.)***	***AU184***	***936***
AEROSTAR ENGINEERING Facility Id: 58977511	***2619 E L ST***	***E 1/4 - 1/2 (0.381 mi.)***	***AV185***	***940***
TACOMA STEEL CORP Facility Id: 64114382	***2128 PACIFIC AVE***	***WNW 1/4 - 1/2 (0.387 mi.)***	***AW187***	***955***
TACOMA CITY GROUNDS Facility Id: 1735	***2324 S C ST***	***W 1/4 - 1/2 (0.388 mi.)***	***AT188***	***955***
HUNT MOTTET PARTNERS Facility Id: 8876072	***2125 COMMERCE***	***WNW 1/4 - 1/2 (0.393 mi.)***	***AW191***	***1085***
25TH & HOLGATE S TAC Facility Id: 16358	***25TH & HOLGATE S***	***W 1/4 - 1/2 (0.397 mi.)***	***AU192***	***1090***
PHASE I & II DOWNTOW Facility Id: 5406	SOUTH 9TH TO SOUTH 1	WNW 1/4 - 1/2 (0.402 mi.)	AY194	1093
ROBERT BROWN PROPERT Facility Id: 9582257	2340 S HOLGATE ST	W 1/4 - 1/2 (0.402 mi.)	AT195	1093
HUNT & MOTTET SEATTL Facility Id: 35816943	***2112 PACIFIC AVE***	***WNW 1/4 - 1/2 (0.402 mi.)***	***AW196***	***1093***
RAINIER INSULATION I Facility Id: 96196854	***2338 HOLGATE ST S***	***W 1/4 - 1/2 (0.407 mi.)***	***AT202***	***1122***
WA DOT DEDENTE BUILD Facility Id: 92371125	***2101 PACIFIC AVENUE***	***WNW 1/4 - 1/2 (0.407 mi.)***	***AY203***	***1122***
MRP 2009-26 SOUTH TA	S TACOMA WAY S C ST	W 1/4 - 1/2 (0.408 mi.)	AT205	1126

Facility Id: 24948				
PUGNETTI PARK Facility Id: 42385149	***2085 PACIFIC AVE S***	***WNW 1/4 - 1/2 (0.409 mi.)***	***AY206***	***1126***
ALL COTE COATINGS IN Facility Id: 39362574	***2510 S HOLGATE ST***	***WSW 1/4 - 1/2 (0.410 mi.)***	***AU207***	***1127***
CARACOL DESIGN Facility Id: 78172487	***2514 S HOLGATE ST***	***WSW 1/4 - 1/2 (0.411 mi.)***	***BC208***	***1134***
MAR JON CONTRACTORS Facility Id: 51581124	***2512 HOLGATE ST***	***W 1/4 - 1/2 (0.413 mi.)***	***AU209***	***1142***
PHASE II DOWNTOWN UT Facility Id: 13400	SOUTH 21ST TO SOUTH	WNW 1/4 - 1/2 (0.413 mi.)	AY210	1143
TACOMA CITY OF, GROU Facility Id: 27828397	***2308 S HOLGATE ST***	***W 1/4 - 1/2 (0.414 mi.)***	***211***	***1144***
SEVEN STONES LLC Facility Id: 879301	***2800-2809 S C ST***	***WSW 1/4 - 1/2 (0.417 mi.)***	***216***	***1185***
AIRSPARES Facility Id: 36399481	***2617 L ST E***	***E 1/4 - 1/2 (0.417 mi.)***	***AV218***	***1187***
WINGFOOT COMMERCIAL Facility Id: 6160663	***2210 SOUTH C ST***	***WNW 1/4 - 1/2 (0.420 mi.)***	***BF221***	***1192***
GOODYEAR TIRE & RUBB Facility Id: 99715512	***2210 S C ST***	***WNW 1/4 - 1/2 (0.420 mi.)***	***BF222***	***1194***
STANDARD PARTS CORP Facility Id: 65871595	***305 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.424 mi.)***	***BG224***	***1200***
WSDOT SR 705 ON RAMP Facility Id: 27197		***SW 1/4 - 1/2 (0.424 mi.)***	***225***	***1210***
BNSF RAILROAD HOOD S Facility Id: 3049	***2519 HOOD ST***	***W 1/4 - 1/2 (0.424 mi.)***	***AU226***	***1211***
HOOD ST RESERVOIR Facility Id: 2788228	***3110 I ST S***	***SE 1/4 - 1/2 (0.436 mi.)***	***232***	***1266***
COLUMBIA ENERGY RESO Facility Id: 43392187	***2120 S C ST***	***WNW 1/4 - 1/2 (0.441 mi.)***	***BF234***	***1287***
BNSF S HOOD ST RENTA Facility Id: 969	***S HOOD ST***	***WSW 1/4 - 1/2 (0.444 mi.)***	***BC237***	***1333***
STAR ICE & FUEL INC Facility Id: 7482754	***405 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.445 mi.)***	***BG238***	***1334***
OLD TIME WOODWORK IN Facility Id: 26278943	***2105 S C ST***	***WNW 1/4 - 1/2 (0.447 mi.)***	***BI239***	***1349***
BREWERY BLOCKS 2101 Facility Id: 35175	2101 SOUTH C ST	WNW 1/4 - 1/2 (0.452 mi.)	BI241	1369
D TO M STREETS TRACK Facility Id: 20987		WSW 1/4 - 1/2 (0.455 mi.)	BG243	1376
VERIZON WIRELESS WAT Facility Id: 58816	1944 PACIFIC AVE	WNW 1/4 - 1/2 (0.459 mi.)	BJ244	1376
HARMON BREWERY & RES Facility Id: 9406	1938 PACIFIC AVE	WNW 1/4 - 1/2 (0.463 mi.)	BJ247	1380
STANDARD AUTO ELECTR	***401 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.468 mi.)***	***BM253***	***1396***

Facility Id: 29881617				
TACOMA CITY STREET M Facility Id: 7645557	***2301 S JEFFERSON***	***W 1/4 - 1/2 (0.469 mi.)***	***254***	***1403***
MAYCO FISH Facility Id: 8110172	***2523 S JEFFERSON AVE***	***WSW 1/4 - 1/2 (0.472 mi.)***	***BO259***	***1407***
UNION PACIFIC RR TUN Facility Id: 1292	***JEFFERSON & 25TH & C***	***W 1/4 - 1/2 (0.472 mi.)***	***260***	***1408***
WOODLAND TRADE CO JE Facility Id: 39469359	***2340 S JEFFERSON AVE***	***W 1/4 - 1/2 (0.474 mi.)***	***BK261***	***1410***
CAMARANO BROTHERS Facility Id: 14192885	***2340 JEFFERSON AVE***	***W 1/4 - 1/2 (0.474 mi.)***	***BK262***	***1419***
UNIVERSITY OF WASHIN Facility Id: 14933528	***1953 S C ST***	***WNW 1/4 - 1/2 (0.479 mi.)***	***BP266***	***1425***
TOTEM ELECTRIC Facility Id: 4624386	***2332 JEFFERSON AVE***	***W 1/4 - 1/2 (0.480 mi.)***	***BK267***	***1426***
ADAMS BRAKE SERVICE Facility Id: 42948571	***2324 S JEFFERSON AVE***	***W 1/4 - 1/2 (0.482 mi.)***	***BK274***	***1488***
PACIFIC AVE S 17TH T Facility Id: 3955	PACIFIC AVE S 17TH S	WNW 1/4 - 1/2 (0.484 mi.)	BI275	1498
MAYCO FISH COMPANY L Facility Id: 29676663	***2535 S JEFFERSON AVE***	***WSW 1/4 - 1/2 (0.485 mi.)***	***BO276***	***1499***
JEFFERSON ST FUEL ST Facility Id: 27797138	***2524 S JEFFERSON ST***	***WSW 1/4 - 1/2 (0.488 mi.)***	***BO278***	***1499***
CHIHULY INC TACOMA Facility Id: 9078	***2101 S JEFFERSON AVE***	***WNW 1/4 - 1/2 (0.491 mi.)***	***279***	***1501***
UNIVERSITY OF WASHIN Facility Id: 8411422	***1904 COMMERCE ST***	***WNW 1/4 - 1/2 (0.491 mi.)***	***BP280***	***1535***
SHAUB ELLISON CO TAC Facility Id: 4283388	***1902 PACIFIC AVE***	***NW 1/4 - 1/2 (0.499 mi.)***	***BT285***	***1561***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE Facility Id: 1351	***25TH & G ST E***	***ENE 0 - 1/8 (0.001 mi.)***	***B4***	***23***
PIERCE TRANSIT TACOM Facility Id: 25441163	***609 E 25TH ST***	***ENE 0 - 1/8 (0.010 mi.)***	***B5***	***24***
F & E INVESTMENTS Facility Id: 99973128	***401 EA 25 ST***	***WNW 0 - 1/8 (0.019 mi.)***	***C6***	***32***
AIRSPARES Facility Id: 39438729	***415 E 25TH ST***	***WNW 0 - 1/8 (0.023 mi.)***	***C7***	***32***
HJB MARINE Facility Id: 3081	601 E 26TH ST	ESE 0 - 1/8 (0.030 mi.)	E11	50
PUGET SOUND SPECIALT Facility Id: 23657	***706 E 25TH ST***	***E 0 - 1/8 (0.033 mi.)***	***B12***	***50***
JOHNNYS FINE FOOD Facility Id: 10734	319 E 25TH ST	W 0 - 1/8 (0.034 mi.)	C13	63
TACOMA PUBLIC UTILIT	709 26TH ST E	E 0 - 1/8 (0.047 mi.)	F17	64

Facility Id: 12078				
SPRING AIR NW DIV CA Facility Id: 9111625 Facility Id: 18665	***725 E 25TH ST***	***ENE 0 - 1/8 (0.047 mi.)***	***G18***	***65***
BULLS EYE SUPPLY Facility Id: 19339 Facility Id: 11329	414 PUYALLUP AVE	NW 0 - 1/8 (0.054 mi.)	C23	101
ALFREDS CAFE Facility Id: 15568	402 PUYALLUP AVE	WNW 0 - 1/8 (0.054 mi.)	C24	101
CASCADE FRICTION MAT Facility Id: 7003	314 PUYALLUP AVE	WNW 0 - 1/8 (0.059 mi.)	I27	102
PRECISION PATTERN IN Facility Id: 85239825 Facility Id: 23500	***2620 E G ST***	***ESE 0 - 1/8 (0.063 mi.)***	***F30***	***143***
BNRR TACOMA YARD PON Facility Id: 1373	***605 PUYALLUP ST***	***NE 0 - 1/8 (0.064 mi.)***	***J31***	***166***
FORMER TEXACO SERVIC Facility Id: 78349	***704 PUYALLUP AVE***	***NE 0 - 1/8 (0.066 mi.)***	***K34***	***173***
WESTERN BEER DISTRIB Facility Id: 58813229	***712 EAST 26TH***	***ESE 0 - 1/8 (0.068 mi.)***	***F36***	***175***
MANNA PRO CORP Facility Id: 46689617	***518 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L39***	***178***
TACOMA DOME STATION Facility Id: 1266	***500 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L40***	***181***
DISCOVERY Facility Id: 31649744	***502 PUYALLUP AVE***	***NNW 0 - 1/8 (0.070 mi.)***	***L42***	***182***
ATLAS TRUCKING INC S Facility Id: 32438185	***PUYALLUP AVE & D ST***	***WNW 0 - 1/8 (0.073 mi.)***	***I47***	***197***
LEGACY RENOVATIONS Facility Id: 20621	511 PUYALLUP AVE	NNW 0 - 1/8 (0.078 mi.)	L49	203
STONE PROPERTY TRANS Facility Id: 3782573	***E 25TH & E C ST***	***W 0 - 1/8 (0.078 mi.)***	***M51***	***205***
SALVATION ARMY ARC Facility Id: 12432118	409 PUYALLUP AVE	NW 0 - 1/8 (0.086 mi.)	N56	236
ALL TRANSMISSIONS PI Facility Id: 71491862	***505 PUYALLUP AVE***	***NNW 0 - 1/8 (0.086 mi.)***	***L57***	***236***
SOUND TRANSIT TACOMA Facility Id: 5117180	***802 E 25TH ST***	***E 0 - 1/8 (0.095 mi.)***	***O61***	***243***
PUGET SOUND METAL Facility Id: 9147902	***2607 EAST G ST***	***ESE 0 - 1/8 (0.096 mi.)***	***63***	***257***
CLEVINGER TRUCK SERV Facility Id: 3291385	***423 PUYALLUP AVE***	***NNW 0 - 1/8 (0.096 mi.)***	***L64***	***258***
JOHNSON STONE COUNTE Facility Id: 11685	523 PUYALLUP AVE	N 0 - 1/8 (0.097 mi.)	L68	268
SOUTH SOUND RADIATOR Facility Id: 8785404	***509 PUYALLUP AVE***	***N 0 - 1/8 (0.097 mi.)***	***L69***	***269***
TACOMA BIKE	309 PUYALLUP AVE	WNW 0 - 1/8 (0.100 mi.)	I70	270

Facility Id: 21699				
FRONTIER TRANSPORTAT Facility Id: 27655611	***217 EAST 25TH ST***	***W 0 - 1/8 (0.105 mi.)***	***M71***	***270***
GOLDEN LINE RECYCLIN Facility Id: 610068	217 E 25TH ST	W 0 - 1/8 (0.105 mi.)	M72	271
GONZALES MOTORS Facility Id: 91599266 Facility Id: 2285826	***301 PUYALLUP AVE***	***WNW 0 - 1/8 (0.108 mi.)***	***P73***	***272***
STAR TOURS Facility Id: 7722	224 PUYALLUP AVE	WNW 0 - 1/8 (0.110 mi.)	P75	277
PACIFIC CHARTER SCHO Facility Id: 1893	***2300 EAST E ST***	***NNW 0 - 1/8 (0.111 mi.)***	***Q77***	***278***
INDUSTRIAL RUBBER & Facility Id: 7529359	***2307 E D ST***	***NW 0 - 1/8 (0.123 mi.)***	***N79***	***281***
TNT REDDAWAY TRUCK L Facility Id: 64849946	***801 E 26TH***	***E 0 - 1/8 (0.123 mi.)***	***R80***	***293***
BNSF TACOMA FUELING Facility Id: 7981609	***1001 PUYALLUP AVE***	***N 1/8 - 1/4 (0.126 mi.)***	***81***	***296***
STORAGE BOX THE Facility Id: 21558	216 PUYALLUP AVE	W 1/8 - 1/4 (0.130 mi.)	S82	298
EVERGREEN EQUIPMENT Facility Id: 4475	221 PUYALLUP AVE	WNW 1/8 - 1/4 (0.130 mi.)	P83	299
MCLEANS AUTO REPAIR Facility Id: 9218743	***221 1/2 PUYALLUP AVE***	***WNW 1/8 - 1/4 (0.130 mi.)***	***P84***	***299***
CARAUSTAR Facility Id: 1685	***808 E 26TH ST***	***E 1/8 - 1/4 (0.131 mi.)***	***R86***	***310***
SUPERIOR CARTAGE OF Facility Id: 4291751	***805 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.139 mi.)***	***T87***	***325***
SMURFIT STONE CONTAI Facility Id: 17167958	***817 E 27TH ST***	***ESE 1/8 - 1/4 (0.158 mi.)***	***U90***	***328***
PLYTAC Facility Id: 8091750	***801 E 25TH***	***ENE 1/8 - 1/4 (0.166 mi.)***	***V92***	***329***
TACOMA TRESTLE TRACK Facility Id: 8199	***824 E 25TH STREET***	***E 1/8 - 1/4 (0.166 mi.)***	***V93***	***330***
MENDEZ PROPERTY Facility Id: 59632952	***910 PUYALLUP AVE***	***ENE 1/8 - 1/4 (0.182 mi.)***	***V96***	***335***
NEW TACOMA BOX CO Facility Id: 13283	921 E 26TH ST	E 1/8 - 1/4 (0.188 mi.)	X97	341
DOCK STREET STATION Facility Id: 13182788	***2301 E B ST***	***WNW 1/8 - 1/4 (0.192 mi.)***	***Y100***	***343***
BERG SCAFFOLDING CO Facility Id: 8525915	***2130 E D ST***	***NW 1/8 - 1/4 (0.194 mi.)***	***Z103***	***364***
KIEWIT PACIFIC CO TA Facility Id: 95452652	***132 PUYALLUP AVE***	***W 1/8 - 1/4 (0.199 mi.)***	***W104***	***365***
AMERICAN PLATING Facility Id: 1202	***2110 E D ST***	***NW 1/8 - 1/4 (0.200 mi.)***	***Z105***	***372***
PICKERING INDUSTRIES	***2102 E D ST***	***NW 1/8 - 1/4 (0.202 mi.)***	***Z108***	***470***

Facility Id: 75455429				
SOUND TRANSIT TACOMA Facility Id: 608568	***XXX E 25TH ST***	***E 1/8 - 1/4 (0.205 mi.)***	***X109***	***477***
PRECISION MACHINE WO Facility Id: 6595720	***925 E 25TH ST***	***ENE 1/8 - 1/4 (0.205 mi.)***	***V110***	***480***
ALMAR INC TACOMA Facility Id: 32972784	***119 1/2 PUYALLUP AVE***	***W 1/8 - 1/4 (0.207 mi.)***	***W112***	***498***
PUGET SOUND TIRE Facility Id: 95895443 Facility Id: 23676	102 PUYALLUP RD	W 1/8 - 1/4 (0.217 mi.)	AB113	509
HOLROYD CO TACOMA PL Facility Id: 14812	***26TH & J ST E***	***E 1/8 - 1/4 (0.234 mi.)***	***115***	***514***
SAVAGE WHOLESALE Facility Id: 1747	1001 E 25TH ST	ENE 1/8 - 1/4 (0.242 mi.)	119	550
BNRR TACOMA YARD PAR Facility Id: 81267111 Facility Id: 94957214	***21ST ST & S D ST***	***NNW 1/8 - 1/4 (0.246 mi.)***	***AC120***	***550***
BNRR TACOMA YARD PAR Facility Id: 1267	***21ST ST & S D ST***	***NNW 1/8 - 1/4 (0.246 mi.)***	***AC121***	***553***
BNRR TACOMA YARD PAR Facility Id: 3466912	***21ST ST & S D ST***	***NNW 1/8 - 1/4 (0.246 mi.)***	***AC122***	***555***
BNRR TACOMA YARD PAR Facility Id: 91663719	***21ST & S D ST***	***NNW 1/4 - 1/2 (0.262 mi.)***	***129***	***585***
STANDARD CHEMICAL CO Facility Id: 85776142	***2159 DOCK ST***	***WNW 1/4 - 1/2 (0.281 mi.)***	***AH135***	***637***
PSE TACOMA Facility Id: 6899827	***2205 A ST***	***WNW 1/4 - 1/2 (0.290 mi.)***	***AI140***	***647***
DOCK STREET OVERPASS Facility Id: 57172581	***21ST & DOCK ST***	***NW 1/4 - 1/2 (0.297 mi.)***	***141***	***647***
CARLSON FORMETEC Facility Id: 42735245	***2202 A ST***	***WNW 1/4 - 1/2 (0.307 mi.)***	***AI143***	***654***
LRI LONG HAUL INTERM Facility Id: 5172	***1941 E D ST***	***NNE 1/4 - 1/2 (0.309 mi.)***	***145***	***749***
MAXI SEEDS INC Facility Id: 52856894	***21ST & D ST***	***NNW 1/4 - 1/2 (0.310 mi.)***	***AL146***	***749***
THEA FOSS WATERWAY E Facility Id: 24929	2101 DOCK ST	NW 1/4 - 1/2 (0.312 mi.)	147	753
ECOTEX COMPANY Facility Id: 32841	***1115 E 25TH ST***	***ENE 1/4 - 1/2 (0.313 mi.)***	***148***	***753***
TACOMA COAL GASIFICA Facility Id: 1249	***22ND ST & A ST***	***WNW 1/4 - 1/2 (0.318 mi.)***	***AI151***	***755***
PICKS COVE MARINA Facility Id: 42518833	***1940 E D ST***	***NNW 1/4 - 1/2 (0.325 mi.)***	***AL154***	***770***
WA DOT TACOMA I705 Facility Id: 21876224	***I705 E 21ST TO E 24T***	***WNW 1/4 - 1/2 (0.341 mi.)***	***AN159***	***792***
BNSF RAILWAY COMPANY Facility Id: 37294136	***610 E 21ST ST***	***N 1/4 - 1/2 (0.344 mi.)***	***165***	***803***

Facility Id: 19116				
DAIRY QUEEN Facility Id: 14648	1112 PUYALLUP AVE	ENE 1/4 - 1/2 (0.345 mi.)	AR166	809
REP ELELCTRIC INC Facility Id: 4793	1121 E 26TH ST	E 1/4 - 1/2 (0.347 mi.)	168	826
WP FULLER PROPERTY Facility Id: 16761	***1109 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.349 mi.)***	***AR173***	***858***
TACOMA REDEVELOPMENT Facility Id: 1263	***THEA FOSS WATERWAY***	***NW 1/4 - 1/2 (0.376 mi.)***	***180***	***892***
TWENTY ONE PACIFIC L Facility Id: 89134268	***2111 PACIFIC AVE***	***WNW 1/4 - 1/2 (0.376 mi.)***	***AN181***	***930***
VALLEY PUB Facility Id: 13056	1206 PUYALLUP AVE	ENE 1/4 - 1/2 (0.386 mi.)	AR186	954
HERITAGE CRYSTAL CLE Facility Id: 84615333	***1901 E D ST***	***NNW 1/4 - 1/2 (0.390 mi.)***	***AX189***	***971***
ALL SAFE ENVIRONMENT Facility Id: 78312996	1901 E D ST STE A	NNW 1/4 - 1/2 (0.390 mi.)	AX190	1084
PACIFIC TRANSPORTATI Facility Id: 1243	***440 E 19TH ST***	***N 1/4 - 1/2 (0.403 mi.)***	***AZ197***	***1098***
ASSOCIATED PETROLEUM Facility Id: 4676	***1214 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.405 mi.)***	***BA198***	***1103***
NICHOLS TRUCKING CO Facility Id: 11174741	***424 E 19TH ST***	***N 1/4 - 1/2 (0.406 mi.)***	***BB199***	***1107***
SUPERVALU MEAT WAREH Facility Id: 67349491	***475 E 19TH ST***	***N 1/4 - 1/2 (0.406 mi.)***	***AZ201***	***1120***
JOHNNYS DOCK MARINA Facility Id: 1511390	***1900 E D ST***	***NNW 1/4 - 1/2 (0.415 mi.)***	***BD212***	***1168***
LD KITCHEN AND BATH Facility Id: 6138716 Facility Id: 950 Facility Id: 32560	***1201 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.416 mi.)***	***BA213***	***1169***
PUYALLUP AVE GAS STA Facility Id: 8374	***1201-1203 PUYALLUP A***	***ENE 1/4 - 1/2 (0.416 mi.)***	***BA215***	***1178***
SUPERVALU INC BLDG 1 Facility Id: 4597891	***480 E 19TH***	***NNE 1/4 - 1/2 (0.419 mi.)***	***BE219***	***1191***
L STREET LAYOVER EXP Facility Id: 3077		E 1/4 - 1/2 (0.419 mi.)	220	1192
TACOMA CENTER MOTEL Facility Id: 6894	1220 PUYALLUP AVE	ENE 1/4 - 1/2 (0.422 mi.)	BA223	1200
SUPERVALU INC Facility Id: 34146274	***490 E 19TH ST***	***NNE 1/4 - 1/2 (0.427 mi.)***	***227***	***1214***
TACOMA TRANSLOAD INC Facility Id: 25392634	***501 E 19TH ST***	***N 1/4 - 1/2 (0.427 mi.)***	***BH228***	***1263***
SUPERVALU INTERNATIO Facility Id: 23977	495 E 19TH ST	N 1/4 - 1/2 (0.430 mi.)	BH230	1265
TACOMA FIXTURE CO. Facility Id: 6212892	***1815 E D ST***	***NNW 1/4 - 1/2 (0.444 mi.)***	***BD236***	***1291***
BRANDRUD FURNITURE I	***1933 DOCK ST***	***NW 1/4 - 1/2 (0.454 mi.)***	***242***	***1369***

Facility Id: 21214962 Facility Id: 20854				
UNION STATION MUSEUM Facility Id: 54459981	***1917 PACIFIC AVE SO***	***NW 1/4 - 1/2 (0.464 mi.)***	***BJ248***	***1380***
MAJOR PETROLEUM B.P. Facility Id: 61931157	***1302 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.466 mi.)***	***BL249***	***1385***
WASHINGTON STATE HIS Facility Id: 4553045	***1911 PACIFIC AVE***	***NW 1/4 - 1/2 (0.467 mi.)***	***BJ251***	***1393***
NORTH COAST ELECTRIC Facility Id: 15395	1301 E 26TH ST	E 1/4 - 1/2 (0.470 mi.)	BN255	1405
TAFT & COMPANY 1239 Facility Id: 35539812	***1239 PUYALLUP AVE***	***ENE 1/4 - 1/2 (0.470 mi.)***	***BL258***	***1406***
HERITAGE ENTERPRISES Facility Id: 5478619	***1321 E 26TH ST***	***E 1/4 - 1/2 (0.477 mi.)***	***BN264***	***1424***
TACOMA MOVING & STOR Facility Id: 856	1314 E 26TH ST	E 1/4 - 1/2 (0.479 mi.)	BN265	1425
TRUCK RAIL HANDLING Facility Id: 63316697	***457 E 18TH ST***	***NNE 1/4 - 1/2 (0.480 mi.)***	***BQ268***	***1426***
TRUCK RAIL HANDLING Facility Id: 22736925	***457 E 18TH ST TRANSP***	***NNE 1/4 - 1/2 (0.480 mi.)***	***BQ269***	***1478***
SAFETY KLEEN SYSTEMS Facility Id: 53196144	457 E 18TH ST	NNE 1/4 - 1/2 (0.480 mi.)	BQ270	1485
MPS INC Facility Id: 24976983	***457 E 18TH ST FRONT***	***NNE 1/4 - 1/2 (0.480 mi.)***	***BQ271***	***1485***
ARROW TRANSPORTATION Facility Id: 94425177	***457 E 18TH ST ARROW***	***NNE 1/4 - 1/2 (0.480 mi.)***	***BQ272***	***1486***
ALL COTE COATINGS IN Facility Id: 9531 Facility Id: 54832571	1311 E 25TH ST	ENE 1/4 - 1/2 (0.482 mi.)	BR273	1488
SUPERVALU INTERNATIO Facility Id: 7821	1801 E D ST	NNW 1/4 - 1/2 (0.486 mi.)	277	1499
SUPERVALU HOLDINGS I Facility Id: 66615685	***448 E 18TH ST***	***N 1/4 - 1/2 (0.492 mi.)***	***BS282***	***1537***
SUPERVALU INC BLDG 1 Facility Id: 782981	***420 E 18TH ST***	***N 1/4 - 1/2 (0.494 mi.)***	***283***	***1550***
LILYBLAD PETROLEUM I Facility Id: 82343515	***1313 E 25TH ST***	***ENE 1/4 - 1/2 (0.500 mi.)***	***BR286***	***1565***

WA CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there are 26 WA CSCSL NFA sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOD DRESSEL PRIVATE	***306 308 314 E 26TH S***	***SW 0 - 1/8 (0.073 mi.)***	***H43***	***183***
CS Id: 11844 Facility/Site Id: 22853 Soil: Remediated-Below NFA Date: 07/26/2017 Groundwater: Remediated-Below Contaminant Name: Arsenic Contaminant Name: Lead Contaminant Name: Mercury				
DEPT OF PUBLIC ASSEM	***2727 E D ST***	***S 1/4 - 1/2 (0.262 mi.)***	***AG131***	***588***
CS Id: 6940 Facility/Site Id: 96231256 Soil: Confirmed Above Cleanup Levels NFA Date: 05/24/2000 Contaminant Name: Petroleum-Gasoline				
SAMS TIRE & AUTO SER	***2522 PACIFIC AVE***	***WSW 1/4 - 1/2 (0.324 mi.)***	***AM153***	***757***
CS Id: 11116 Facility/Site Id: 93473461 Soil: Remediated-Below NFA Date: 08/29/2012 Contaminant Name: Petroleum-Other				
J MARCEL BUILDING	***2320 PACIFIC AVE***	***W 1/4 - 1/2 (0.330 mi.)***	***AK157***	***789***
CS Id: 1124 Facility/Site Id: 28236738 Soil: Remediated NFA Date: 02/21/2008 Groundwater: Remediated Groundwater: Suspected Contaminant Name: Petroleum Products-Unspecified Contaminant Name: Polycyclic Aromatic Hydrocarbons				
FRED ROBERSON PROPER	***2302 PACIFIC AVE***	***W 1/4 - 1/2 (0.342 mi.)***	***AP163***	***801***
CS Id: 6288 Facility/Site Id: 55732663 Soil: Confirmed Above Cleanup Levels NFA Date: 08/12/1998 Contaminant Name: Petroleum-Gasoline				
PARAMOUNT ELECTRIC	***225 S TACOMA WAY***	***WSW 1/4 - 1/2 (0.353 mi.)***	***AM177***	***860***
CS Id: 10471 Facility/Site Id: 77241262 Soil: Remediated-Below NFA Date: 08/29/2012 Contaminant Name: Benzene Contaminant Name: Lead Contaminant Name: Other Non-Halogenated Organics Contaminant Name: Petroleum-Gasoline				
HUNT & MOTTET SEATTL	***2112 PACIFIC AVE***	***WNW 1/4 - 1/2 (0.402 mi.)***	***AW196***	***1093***
CS Id: 8861 Facility/Site Id: 35816943 Soil: Below Cleanup Levels Soil: Remediated-Below NFA Date: 08/30/2012				

Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

AIRSPARES ***2617 L ST E*** ***E 1/4 - 1/2 (0.417 mi.)*** ***AV218*** ***1187***
CS Id: 5946
Facility/Site Id: 36399481
Soil: Remediated-Above
NFA Date: 09/19/2008
Groundwater: Below Cleanup Levels
Contaminant Name: Petroleum Products-Unspecified
Contaminant Name: Petroleum-Other

STAR ICE & FUEL INC ***405 S TACOMA WAY*** ***WSW 1/4 - 1/2 (0.445 mi.)*** ***BG238*** ***1334***
CS Id: 7746
Facility/Site Id: 7482754
Soil: Confirmed Above Cleanup Levels
NFA Date: 01/10/2014
Contaminant Name: Petroleum-Other

STANDARD AUTO ELECTR ***401 S TACOMA WAY*** ***WSW 1/4 - 1/2 (0.468 mi.)*** ***BM253*** ***1396***
CS Id: 8639
Facility/Site Id: 29881617
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 01/03/2017
Groundwater: Below Cleanup Levels
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Gasoline
**Additional key fields are available in the Map Findings section*

Lower Elevation	Address	Direction / Distance	Map ID	Page
FREIGHTHOUSE SQUARE	***25TH & G ST E***	***ENE 0 - 1/8 (0.001 mi.)***	***B4***	***23***

CS Id: 719
Facility/Site Id: 1351
Soil: Remediated
NFA Date: 07/11/2003
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Metals Priority Pollutants
Contaminant Name: Petroleum Products-Unspecified

PRECISION PATTERN IN ***2620 E G ST*** ***ESE 0 - 1/8 (0.063 mi.)*** ***F30*** ***143***
CS Id: 4080
Facility/Site Id: 85239825
Soil: Remediated
NFA Date: 03/04/2009
Groundwater: Remediated
Contaminant Name: Non-Halogenated Solvents
Contaminant Name: Petroleum Products-Unspecified

BNRR TACOMA YARD PON ***605 PUYALLUP ST*** ***NE 0 - 1/8 (0.064 mi.)*** ***J31*** ***166***
CS Id: 274
Facility/Site Id: 1373

Soil: Suspected
NFA Date: 01/03/1996
Contaminant Name: Halogenated Organics

WESTERN BEER DISTRIB ***712 EAST 26TH*** ***ESE 0 - 1/8 (0.068 mi.)*** ***F36*** ***175***
CS Id: 6346
Facility/Site Id: 58813229
Soil: Remediated
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/15/1996
Contaminant Name: Pesticides-Unspecified
Contaminant Name: Petroleum-Other

MANNA PRO CORP ***518 PUYALLUP AVE*** ***NNW 0 - 1/8 (0.070 mi.)*** ***L39*** ***178***
CS Id: 9332
Facility/Site Id: 46689617
Soil: Remediated-Below
NFA Date: 01/05/2001
Groundwater: Remediated-Below
Contaminant Name: Petroleum-Other

TACOMA DOME STATION ***500 PUYALLUP AVE*** ***NNW 0 - 1/8 (0.070 mi.)*** ***L40*** ***181***
CS Id: 3765
Facility/Site Id: 1266
Soil: Remediated
NFA Date: 01/03/2001
Groundwater: Remediated
Contaminant Name: Petroleum Products-Unspecified

GONZALES MOTORS ***301 PUYALLUP AVE*** ***WNW 0 - 1/8 (0.108 mi.)*** ***P73*** ***272***
CS Id: 11037
Facility/Site Id: 91599266
Soil: Below Cleanup Levels
Soil: Remediated-Below
NFA Date: 08/29/2012
Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

PACIFIC CHARTER SCHO ***2300 EAST E ST*** ***NNW 0 - 1/8 (0.111 mi.)*** ***Q77*** ***278***
CS Id: 14981
Facility/Site Id: 1893
Soil: Remediated-Below
NFA Date: 05/20/2019
Contaminant Name: Benzene
Contaminant Name: Petroleum-Gasoline

AMERICAN PLATING ***2110 E D ST*** ***NW 1/8 - 1/4 (0.200 mi.)*** ***Z105*** ***372***
CS Id: 2539
Facility/Site Id: 1202
Soil: Remediated-Below
Soil: Remediated-Above
NFA Date: 06/30/2015
Groundwater: Remediated-Below
Groundwater: Remediated-Above
Contaminant Name: Halogenated Organics
Contaminant Name: Metals Priority Pollutants
Surface Water: Below Cleanup Levels

PICKS COVE MARINA ***1940 E D ST*** ***NNW 1/4 - 1/2 (0.325 mi.)*** ***AL154*** ***770***

CS Id: 4654
Facility/Site Id: 42518833
Soil: Remediated-Above
NFA Date: 10/09/2004
Groundwater: Confirmed Above Cleanup Levels
Contaminant Name: Arsenic
Contaminant Name: Lead
Contaminant Name: Metals - Other
Contaminant Name: Polycyclic Aromatic Hydrocarbons

WP FULLER PROPERTY ***1109 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.349 mi.)*** ***AR173*** ***858***
CS Id: 12038
Facility/Site Id: 16761
Soil: Remediated-Below
NFA Date: 09/05/2013
Contaminant Name: Petroleum-Gasoline

TWENTY ONE PACIFIC L ***2111 PACIFIC AVE*** ***WNW 1/4 - 1/2 (0.376 mi.)*** ***AN181*** ***930***
CS Id: 3620
Facility/Site Id: 89134268
Soil: Remediated
NFA Date: 09/28/2000
Contaminant Name: Petroleum Products-Unspecified

PACIFIC TRANSPORTATI ***440 E 19TH ST*** ***N 1/4 - 1/2 (0.403 mi.)*** ***AZ197*** ***1098***
CS Id: 4367
Facility/Site Id: 1243
NFA Date: 01/16/1996
Contaminant Name: Metals - Other
Contaminant Name: Petroleum Products-Unspecified
Surface Water: Confirmed Above Cleanup Levels

NICHOLS TRUCKING CO ***424 E 19TH ST*** ***N 1/4 - 1/2 (0.406 mi.)*** ***BB199*** ***1107***
CS Id: 7877
Facility/Site Id: 11174741
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 08/29/2012
Contaminant Name: Benzene
Contaminant Name: Metals - Other
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Diesel
Contaminant Name: Petroleum-Other
**Additional key fields are available in the Map Findings section*

TAFT & COMPANY 1239 ***1239 PUYALLUP AVE*** ***ENE 1/4 - 1/2 (0.470 mi.)*** ***BL258*** ***1406***
CS Id: 5932
Facility/Site Id: 35539812
Soil: Confirmed Above Cleanup Levels
NFA Date: 10/10/2000
Contaminant Name: Petroleum-Other

SUPERVALU HOLDINGS I ***448 E 18TH ST*** ***N 1/4 - 1/2 (0.492 mi.)*** ***BS282*** ***1537***
CS Id: 10098
Facility/Site Id: 66615685
Soil: Remediated-Below
Soil: Below Cleanup Levels
NFA Date: 08/29/2012
Groundwater: Remediated-Below

Contaminant Name: Benzene
Contaminant Name: Lead
Contaminant Name: Other Non-Halogenated Organics
Contaminant Name: Petroleum-Gasoline

WA AQUEOUS FOAM: Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

A review of the WA AQUEOUS FOAM list, as provided by EDR, and dated 07/06/2020 has revealed that there is 1 WA AQUEOUS FOAM site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TACOMA PUBLIC WORKS	***2335 JEFFERSON AVE***	***W 1/4 - 1/2 (0.463 mi.)***	***BK246***	***1377***

Records of Emergency Release Reports

WA SPILLS: Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

A review of the WA SPILLS list, as provided by EDR, and dated 06/08/2020 has revealed that there are 2 WA SPILLS sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF TACOMA Facility ID: 528797	***430 EAST 25TH & G ST***	***0 - 1/8 (0.000 mi.)***	***A3***	***10***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEST WESTERN Facility ID: 642686	440 E 25TH STREET	0 - 1/8 (0.000 mi.)	A2	9

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/15/2020 has revealed that there are 23 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INDUSTRIAL PARTS FRI EPA ID:: WAD027540384	***409 E 26TH ST***	***SW 0 - 1/8 (0.025 mi.)***	***D9***	***41***
GOLDEN WEST MOTEL	***503 E 26TH***	***S 0 - 1/8 (0.025 mi.)***	***A10***	***45***

EPA ID:: WAD988508651				
SME CORP EPA ID:: WAD988486635	***311 E 26TH ST***	***WSW 0 - 1/8 (0.050 mi.)***	***H21***	***75***
TOD DRESSEL PRIVATE EPA ID:: WAH000044630	306 308 314 E 26TH S	SW 0 - 1/8 (0.073 mi.)	H44	190
BROWN & HALEY INC FA EPA ID:: WAD043450014	***110 E 26TH ST***	***WSW 1/8 - 1/4 (0.200 mi.)***	***AA107***	***439***
SOUND TRANSIT TACOMA EPA ID:: WAH000026291	115 S 26TH ST	WSW 1/8 - 1/4 (0.236 mi.)	AA117	516
HOLLAND QUALITY CLEA EPA ID:: WAD980981120	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB123***	***556***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PIERCE TRANSIT TACOM EPA ID:: WAR000006247	***609 E 25TH ST***	***ENE 0 - 1/8 (0.010 mi.)***	***B5***	***24***
AIRSPARES EPA ID:: WAD988516530	***415 E 25TH ST***	***WNW 0 - 1/8 (0.023 mi.)***	***C7***	***32***
SPRING AIR NORTHWEST EPA ID:: WAD009258187	725 E 25TH ST	ENE 0 - 1/8 (0.047 mi.)	G20	69
AIM AEROSPACE TACOMA EPA ID:: WAD042801944	2620 E G ST	ESE 0 - 1/8 (0.063 mi.)	F29	103
ATLAS TRUCKING INC S EPA ID:: WAH000016071	***PUYALLUP AVE & D ST***	***WNW 0 - 1/8 (0.073 mi.)***	***I47***	***197***
SALVATION ARMY ARC EPA ID:: WAD988499570	***409 PUYALLUP AVE***	***NW 0 - 1/8 (0.086 mi.)***	***N55***	***209***
ALL TRANSMISSIONS PI EPA ID:: WAD122389281	***505 PUYALLUP AVE***	***NNW 0 - 1/8 (0.086 mi.)***	***L57***	***236***
SOUND TRANSIT TACOMA EPA ID:: WAH000049999	802 E 25TH ST	E 0 - 1/8 (0.095 mi.)	O62	249
INDUSTRIAL RUBBER & EPA ID:: WAD988475208	***2307 E D ST***	***NW 0 - 1/8 (0.123 mi.)***	***N79***	***281***
TNT REDDAWAY TRUCK L EPA ID:: WAD180073900	***801 E 26TH***	***E 0 - 1/8 (0.123 mi.)***	***R80***	***293***
DOCK STREET STATION EPA ID:: WAH000028820	2301 E B ST	WNW 1/8 - 1/4 (0.192 mi.)	Y101	346
KIEWIT PACIFIC CO TA EPA ID:: WAD988466892	***132 PUYALLUP AVE***	***W 1/8 - 1/4 (0.199 mi.)***	***W104***	***365***
AMERICAN PLATING EPA ID:: WAD083350231	***2110 E D ST***	***NW 1/8 - 1/4 (0.200 mi.)***	***Z105***	***372***
PICKERING INDUSTRIES EPA ID:: WAD044596476	***2102 E D ST***	***NW 1/8 - 1/4 (0.202 mi.)***	***Z108***	***470***
PRECISION MACHINE WO EPA ID:: WAH000033558	925 E 25TH ST	ENE 1/8 - 1/4 (0.205 mi.)	V111	488
ALMAR INC TACOMA EPA ID:: WAD988473948	***119 1/2 PUYALLUP AVE***	***W 1/8 - 1/4 (0.207 mi.)***	***W112***	***498***

EXECUTIVE SUMMARY

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 06/30/2020 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA TAR PITS	***PORTLAND AV & RIVER***	***NE 1/2 - 1 (0.709 mi.)***	***301***	***1720***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUYALLUP RESERVATION		E 1/4 - 1/2 (0.327 mi.)	0	9

WA ASBESTOS: Asbestos sites

A review of the WA ASBESTOS list, as provided by EDR, and dated 05/19/2020 has revealed that there is 1 WA ASBESTOS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF TACOMA	***430 EAST 25TH & G ST***	***0 - 1/8 (0.000 mi.)***	***A3***	***10***

WA Inactive Drycleaners: A listing of inactive drycleaner facility locations.

A review of the WA Inactive Drycleaners list, as provided by EDR, and dated 04/06/2020 has revealed that there is 1 WA Inactive Drycleaners site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOLLAND QUALITY CLEA EPA I: WAD980981120 Facility ID: 9094	***102 S 24TH ST***	***W 1/8 - 1/4 (0.247 mi.)***	***AB123***	***556***

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 03/29/2019 has revealed that there are 9 WA MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SME CORP Facility Site ID Number: 82577212 Gen Status CD: XQG EPA ID: WAD988486635	***311 E 26TH ST***	***WSW 0 - 1/8 (0.050 mi.)***	***H21***	***75***
TOD DRESSEL PRIVATE	***306 308 314 E 26TH S***	***SW 0 - 1/8 (0.073 mi.)***	***H43***	***183***

Facility Site ID Number: 22853
Gen Status CD: XQG
EPA ID: WAH000044630

SOUND TRANSIT TACOMA	***115 S 26TH ST***	***WSW 1/8 - 1/4 (0.236 mi.)***	***AA118***	***534***

Facility Site ID Number: 7912006
Gen Status CD: XQG
Gen Status CD: LQG
EPA ID: WAH000026291

Lower Elevation	Address	Direction / Distance	Map ID	Page
PRECISION PATTERN IN	***2620 E G ST***	***ESE 0 - 1/8 (0.063 mi.)***	***F30***	***143***

Facility Site ID Number: 85239825
Gen Status CD: XQG
Gen Status CD: SQG
Gen Status CD: MQG
EPA ID: WAD042801944

SOUND TRANSIT TACOMA	***802 E 25TH ST***	***E 0 - 1/8 (0.095 mi.)***	***O61***	***243***

Facility Site ID Number: 5117180
Gen Status CD: XQG
Gen Status CD: SQG
EPA ID: WAH000049999

CARAUSTAR	***808 E 26TH ST***	***E 1/8 - 1/4 (0.131 mi.)***	***R86***	***310***

Facility Site ID Number: 1685
Gen Status CD: SQG
EPA ID: WAH000050232

DOCK STREET STATION	***2301 E B ST***	***WNW 1/8 - 1/4 (0.192 mi.)***	***Y100***	***343***

Facility Site ID Number: 13182788
Gen Status CD: XQG
Gen Status CD: LQG
EPA ID: WAH000028820

AMERICAN PLATING	***2110 E D ST***	***NW 1/8 - 1/4 (0.200 mi.)***	***Z105***	***372***

Facility Site ID Number: 1202
Gen Status CD: XQG
Gen Status CD: MQG
Gen Status CD: LQG
EPA ID: WAD083350231

PRECISION MACHINE WO	***925 E 25TH ST***	***ENE 1/8 - 1/4 (0.205 mi.)***	***V110***	***480***

Facility Site ID Number: 6595720
Gen Status CD: XQG
Gen Status CD: SQG
EPA ID: WAH000033558

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants

(manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TACOMA COAL GASIFICA	A STREET	WNW 1/4 - 1/2 (0.288 mi.)	AI138	646
TACOMA COAL GASIFICA	E 22ND AND A STS	WNW 1/4 - 1/2 (0.318 mi.)	AH150	755

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 14 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INDUSTRIAL PARTS & F	409 26TH ST E	SW 0 - 1/8 (0.025 mi.)	D8	40
INDUSTRIAL PARTS C	405 26TH ST E	SW 0 - 1/8 (0.037 mi.)	D14	63

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAHN J E AUTO REPR	314 PUYALLUP AVE	WNW 0 - 1/8 (0.059 mi.)	I26	101
BILLS MOBILE SERV GA	702 PUYALLUP AVE	NE 0 - 1/8 (0.068 mi.)	K35	175
STANDARD STATIONS IN	624 PUYALLUP AVE	NE 0 - 1/8 (0.070 mi.)	J37	178
ALS GARAGE AUTO	406 PUYALLUP AVE	NW 0 - 1/8 (0.070 mi.)	I38	178
METTLER SUPER SERVIC	504 PUYALLUP AVE	NNW 0 - 1/8 (0.070 mi.)	L41	182
STEVENS & VETTER GAR	503 PUYALLUP AVE	NNW 0 - 1/8 (0.083 mi.)	L52	208
501 05 TERMINAL MOTO	501 PUYALLUP AVE	NNW 0 - 1/8 (0.083 mi.)	L53	208
STEVENS & VETTER	505 PUYALLUP AVE	NNW 0 - 1/8 (0.086 mi.)	L58	242
BAILEY A J AUTO REPR	312 PUYALLUP AVE	WNW 0 - 1/8 (0.089 mi.)	I59	242
DANFORDS SERV GAS ST	302 PUYALLUP AVE	WNW 0 - 1/8 (0.092 mi.)	I60	242
CLEVINGERS TRUCK SER	423 PUYALLUP AVE	NNW 0 - 1/8 (0.096 mi.)	L67	268
GONZALEZ MOTORS MOTO	301 PUYALLUP AVE	WNW 0 - 1/8 (0.108 mi.)	P74	277

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical

Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RIGHT WAY LAUNDRY GE	2330 SOUTH E	NNW 0 - 1/8 (0.077 mi.)	L48	203
AMANOZIO T LNDY	423 PUYALLUP AVE	NNW 0 - 1/8 (0.096 mi.)	L65	266

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 15 records.

Site Name	Database(s)
FREIGHTHOUSE SQUARE	WA RGA HWS
SOUTH TACOMA CHANNEL SEEP,	SEMS
LAKES DRYWALL DUMP	WA SWF/LF
OCCIDENTAL CHEMICAL-SITE II	WA SWF/LF
O'CONNER DEMOLITION FILL	WA SWF/LF
FERGUSON-MATHIAS ROAD DUMP	WA SWF/LF
GRICE DUMP	WA SWF/LF
US OIL/HYUNDAI TERMINAL	WA ICR
NORTHWEST TRANSMISSION SERVICE	WA ICR
BIG BROTHERS & BIG SISTERS BUILDIN	WA ICR
PSE TACOMA HISTORICAL COAL GAS	EDR MGP
NILSEN PLAT TOWNHOMES	WA VCP
PORTAC INC TACOMA	WA VCP
TPU PASSMORE PROPERTY	WA VCP
BAY TERRACE AKA HILLSIDE TERRACE	WA VCP

OVERVIEW MAP - 6217999.3S

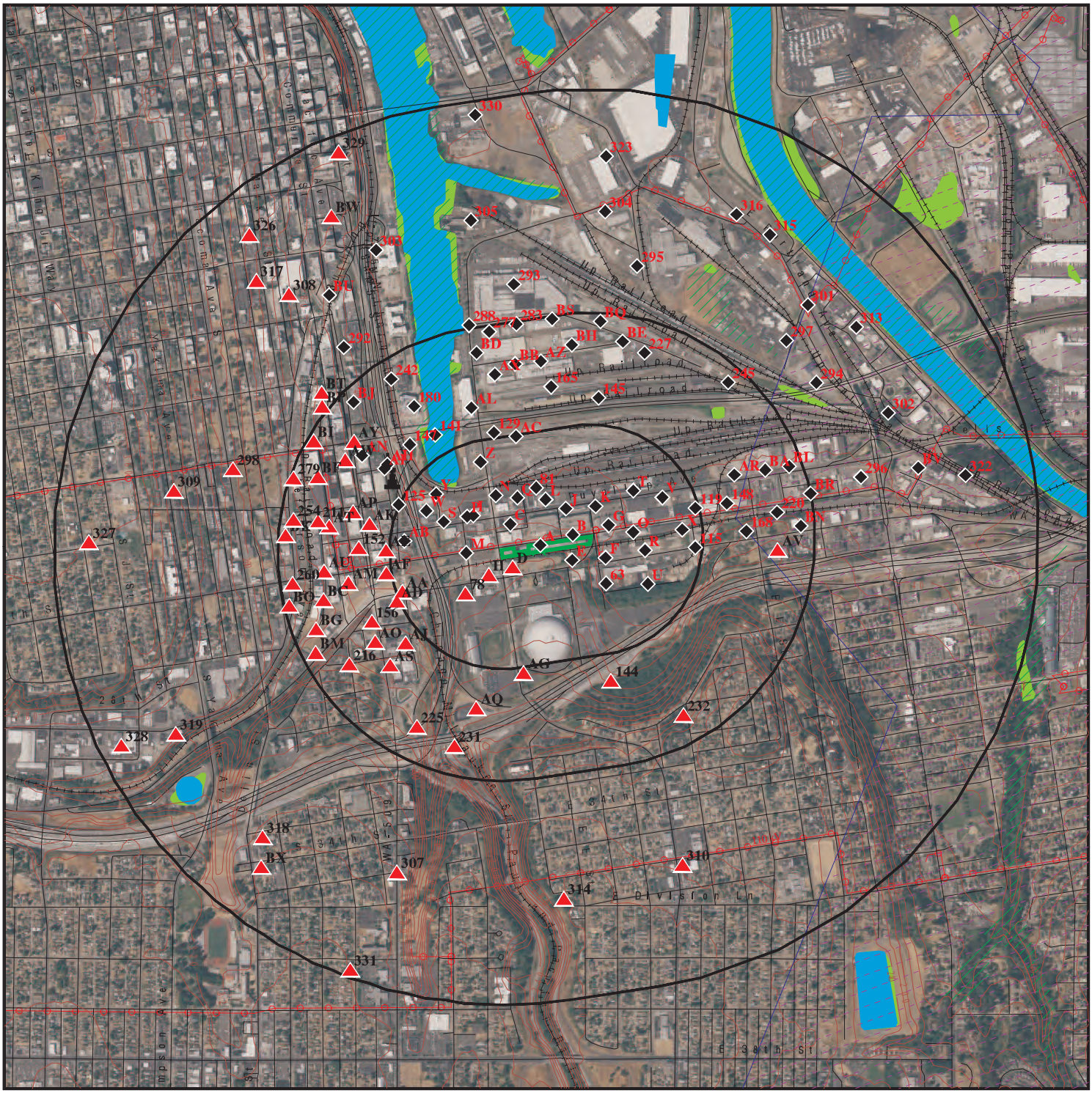

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Freighthouse Square	CLIENT:	Parametrix, Inc.
ADDRESS:	602 E 25TH ST TACOMA WA 98421	CONTACT:	Adam Romey
LAT/LONG:	47.23965 / 122.427292	INQUIRY #:	6217999.3s
		DATE:	October 06, 2020 5:31 pm

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DETAIL MAP - 6217999.3S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Freighthouse Square	CLIENT:	Parametrix, Inc.
ADDRESS:	602 E 25TH ST TACOMA WA 98421	CONTACT:	Adam Romey
		INQUIRY #:	6217999.3s
LAT/LONG:	47.23965 / 122.427292	DATE:	October 06, 2020 5:32 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	3	NR	NR	4
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	0	1	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
WA HSL	1.000		3	5	14	16	NR	38
State- and tribal - equivalent CERCLIS								
WA CSCSL	1.000	1	5	10	30	44	NR	90
State and tribal landfill and/or solid waste disposal site lists								
WA SWF/LF	0.500		0	2	3	NR	NR	5
State and tribal leaking storage tank lists								
WA LUST	0.500		6	2	24	NR	NR	32

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
WA UST	0.250		12	7	NR	NR	NR	19
WA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
WA INST CONTROL	0.500		1	1	7	NR	NR	9
State and tribal voluntary cleanup sites								
WA VCP	0.500		6	3	15	NR	NR	24
WA ICR	0.500		2	3	13	NR	NR	18
INDIAN VCP	0.500		0	0	0	NR	NR	0
WA PTAP	0.500		0	0	1	NR	NR	1
State and tribal Brownfields sites								
WA BROWNFIELDS	0.500		0	1	1	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	1	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
WA SWRCY	0.500		0	1	2	NR	NR	3
WA SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
WA ALLSITES	0.500	1	47	28	129	NR	NR	205
WA CDL	0.001		0	NR	NR	NR	NR	0
WA HIST CDL	0.001		0	NR	NR	NR	NR	0
WA CSCSL NFA	0.500		9	1	16	NR	NR	26
US CDL	0.001		0	NR	NR	NR	NR	0
WA AQUEOUS FOAM	0.500		0	0	1	NR	NR	1
WA PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
WA SPILLS	0.001		2	NR	NR	NR	NR	2
WA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		14	9	NR	NR	NR	23
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	1.000		0	0	1	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
WA AIRS	0.001		0	NR	NR	NR	NR	0
WA ASBESTOS	0.001		1	NR	NR	NR	NR	1
WA COAL ASH	0.500		0	0	0	NR	NR	0
WA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
WA Inactive Drycleaners	0.250		0	1	NR	NR	NR	1
WA MANIFEST	0.250		4	5	NR	NR	NR	9
WA NPDES	0.001		0	NR	NR	NR	NR	0
WA UIC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	2	0	NR	2
EDR Hist Auto	0.125		14	NR	NR	NR	NR	14
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
WA RGA HWS	0.001		0	NR	NR	NR	NR	0
WA RGA LF	0.001		0	NR	NR	NR	NR	0
WA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		2	128	85	263	62	0	540

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **FREIGHTHOUSE SQUARE, AMTRAK RELOCATION**
602 E 25TH ST
TACOMA, WA 98421 | **WA CSCSL** / **WA ALLSITES** | **S121442309** / **N/A**

Site 1 of 4 in cluster A

Actual: 56 ft.

CSCSL:

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544
Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FREIGHTHOUSE SQUARE, AMTRAK RELOCATION
Address:	602 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	206719
Region:	Southwest
Lat/Long:	47.24002 / -122.42544

FREIGHTHOUSE SQUARE, AMTRAK RELOCATION (Continued) **S121442309**

Clean Up Siteid:	14416
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Freighthouse Square Amtrak Relocation,Freighthouse Square,Amtrak Relocation
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	FREIGHTHOUSE SQUARE AMTRAK RELOCATION
Facility Id:	206719

IND RES **PUYALLUP RESERVATION** **INDIAN RESERV** **CIND200146**
Region **N/A**
East **, WA**
1/4-1/2
1725 ft.

INDIAN RESERV:

Feature:	Indian Reservation
Name:	Puyallup Reservation
Agency:	BIA

A2 **BEST WESTERN** **WA SPILLS** **S113887937**
440 E 25TH STREET **N/A**
< 1/8 **TACOMA, WA**
1 ft.

Site 2 of 4 in cluster A

Relative:
Lower

Actual:
55 ft.

SPILLS:

Name:	BEST WESTERN
Address:	440 E 25TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	642686
Medium:	SOIL
Material Desc:	PETROLEUM - MINERAL OIL
Material Qty:	80
Material Units:	GALLON
Date Received:	07/23/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported

BEST WESTERN (Continued) **S113887937**

Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

A3 **CITY OF TACOMA** **WA SPILLS** **S105555224**
430 EAST 25TH & G STREETS **WA ASBESTOS** **N/A**
< 1/8 **TACOMA, WA**
1 ft.

Site 3 of 4 in cluster A

Relative:
Higher

Actual:
56 ft.

SPILLS:

Name:	CITY OF TACOMA
Address:	430 EAST 25TH & G STREETS
City,State,Zip:	TACOMA, WA
Facility ID:	528797
Medium:	Not reported
Material Desc:	SEWAGE/SLUDGE
Material Qty:	500
Material Units:	GALLON
Date Received:	08/31/2002
Contact Name:	EISINGER
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

ASBESTOS:

Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	117480
Form ID:	132886##1511Rhine535702
Notice Date:	09/27/2016
Start Date:	08/16/2016
Completion Date:	10/31/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1

CITY OF TACOMA (Continued) **S105555224**

Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA
Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1

CITY OF TACOMA (Continued) **S105555224**

HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-09-27 15:58:33
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	117480
Form ID:	133996##1511Rhine107401
Notice Date:	10/24/2016
Start Date:	08/16/2016
Completion Date:	09/27/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA

CITY OF TACOMA (Continued) **S105555224**

Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-24 11:00:02

CITY OF TACOMA (Continued) **S105555224**

Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	117480
Form ID:	118015##1511Rhine538443
Notice Date:	06/17/2016
Start Date:	06/20/2016
Completion Date:	07/31/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Eric Baunsgard
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA
Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported

CITY OF TACOMA (Continued) **S105555224**

Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-17 16:50:24
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	117480##1511Rhine684179

CITY OF TACOMA (Continued) **S105555224**

Notice Date:	06/09/2016
Start Date:	06/20/2016
Completion Date:	07/31/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Eric Baunsgard
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA
Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported

CITY OF TACOMA (Continued) **S105555224**

Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-09 11:19:21
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	117480
Form ID:	130936##1511Rhine966077
Notice Date:	08/15/2016
Start Date:	08/16/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1

CITY OF TACOMA (Continued) **S105555224**

Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA
Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported

CITY OF TACOMA (Continued) **S105555224**

Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-08-15 11:11:15
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	117480
Form ID:	120038##1511Rhine192168
Notice Date:	07/28/2016
Start Date:	06/20/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Eric Baunsgard
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA
Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported

CITY OF TACOMA (Continued) **S105555224**

Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-28 14:16:23
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050

CITY OF TACOMA (Continued) **S105555224**

Notice type:	Initial
Project Type:	Roofing
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	430 E. 25TH ST.
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	117480
Form ID:	131205##1511Rhine789403
Notice Date:	08/19/2016
Start Date:	08/16/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	11018 NE 51st Circle
Property Owner City:	Vancouver
Property Owner State:	WA
Property Owner Zip4:	98682
Property Owner Phone:	360-705-7000
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	600
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported

CITY OF TACOMA (Continued) **S105555224**

Duct Paper:	Not reported
VAT:	Not reported
Roofing:	1
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-08-19 16:02:00
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

B4 ENE < 1/8 0.001 mi. 7 ft. | **FREIGHTHOUSE SQUARE**
25TH & G ST E
TACOMA, WA 98438 | **WA INST CONTROL**
WA ALLSITES
WA CSCSL NFA | **S101189699**
N/A

Site 1 of 3 in cluster B

Relative: Lower

Actual: 23 ft.

INST CONTROL:

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility Site ID:	1351
Latitude:	47.239707115
Longitude:	-122.4270201
Instrument Type:	Environmental Covenant
NFA Date:	07/11/2003
County Filing # For Individual IC Doc:	2.0030724085e+011
Filing Date Of Individual IC Doc:	07/24/2003
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2075240013, 2075240011, 2075220011, 2075200011, 2075200015
Control Active:	True
CS ID:	719
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	FREIGHTHOUSE SQUARE
Facility Id:	1351

CSCSL NFA:

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility/Site Id:	1351
CS Id:	719
NFA Date:	07/11/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review

FREIGHTHOUSE SQUARE (Continued) **S101189699**

Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239707115
Longitude:	-122.4270201

Name:	FREIGHTHOUSE SQUARE
Address:	25TH & G ST E
City,State,Zip:	TACOMA, WA 98438
Facility/Site Id:	1351
CS Id:	719
NFA Date:	07/11/2003
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239707115
Longitude:	-122.4270201

B5 **PIERCE TRANSIT TACOMA DOME** **WA ALLSITES** **1001082058**
ENE **609 E 25TH ST** **RCRA NonGen / NLR** **WAR000006247**
< 1/8 **TACOMA, WA 98421** **FINDS**
0.010 mi. **ECHO**
52 ft. **Site 2 of 3 in cluster B**

Relative:
Lower

Actual:
42 ft.

ALLSITES:

Name:	PIERCE TRANSIT TACOMA DOME
Facility Id:	25441163

RCRA Listings:

Date Form Received by Agency:	1997-06-10 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Handler Address:	609 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAR000006247
Contact Name:	MIKE MEADOWS
Contact Address:	3701 96TH ST SW
Contact City,State,Zip:	TACOMA, WA 98499
Contact Telephone:	553-984-8204
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3701 96TH ST SW
Mailing City,State,Zip:	TACOMA, WA 98499
Owner Name:	PIERCE TRANSIT
Owner Type:	Private
Operator Name:	ADAMS, WAYNE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 18:14:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS, WAYNE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS, WAYNE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT P
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WAYNE A
Legal Status:	Private
Date Became Current:	1997-02-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499-4431
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Owner/Operator Name:	PIERCE TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3701 96TH ST SW
Owner/Operator City,State,Zip:	TACOMA, WA 98499
Owner/Operator Telephone:	360-581-8051
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PIERCE TRANSIT TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	609 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-10 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-28 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PIERCE TRANSIT TACOMA DOME (Continued) **1001082058**

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	PIERCE TRANSIT TACOMA DOME
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48521
NAICS Description:	INTERURBAN AND RURAL BUS TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110002449477

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001082058
Registry ID:	110002449477
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002449477
Name:	PIERCE TRANSIT TACOMA DOME
Address:	609 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

C6 WNW < 1/8 0.019 mi. 102 ft. — **F & E INVESTMENTS**, **401 EA 25 ST**, **TACOMA, WA 98421** — **WA UST**, **WA ALLSITES** — **U003355577**, **N/A**

Site 1 of 5 in cluster C

Relative: Lower
Actual: 48 ft.

UST:

Name:	F & E INVESTMENTS
Address:	401 EA 25 ST
City:	TACOMA
Zip:	98421
Facility ID:	99973128
Site Id:	8296
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239231
Decimal Longitude:	-122.430044
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	05/15/1992
Tank Install Date:	12/31/1964
Tank Closure Date:	02/07/2020
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	F & E INVESTMENTS
Facility Id:	99973128

C7 WNW < 1/8 0.023 mi. 124 ft. — **AIRSPARES**, **415 E 25TH ST**, **TACOMA, WA 98421** — **WA ALLSITES**, **RCRA NonGen / NLR**, **FINDS**, **ECHO** — **1000838849**, **WAD988516530**

Site 2 of 5 in cluster C

Relative: Lower
Actual: 49 ft.

ALLSITES:

Name:	AIRSPARES
Facility Id:	39438729

AIRSPARES (Continued) **1000838849**

RCRA Listings:

Date Form Received by Agency:	2000-06-07 00:00:00.0
Handler Name:	AIRSPARES
Handler Address:	415 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988516530
Contact Name:	KEN POWELL
Contact Address:	2617 EAST L STREET
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-383-0800
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2617 EAST L STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	ST INVESTMENTS
Owner Type:	Private
Operator Name:	AIRSPARES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

AIRSPARES (Continued) **1000838849**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 15:07:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported

AIRSPARES (Continued) **1000838849**

Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

AIRSPARES (Continued) **1000838849**

Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AIRSPARES (Continued) **1000838849**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ST INVESTMENTS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2617 EAST L STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIRSPARES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	415 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-06-06 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-20 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AIRSPARES (Continued) **1000838849**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-06-07 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-07 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-20 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-06-06 00:00:00.0
Handler Name:	AIRSPARES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AIRSPARES (Continued) **1000838849**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42386
NAICS Description: TRANSPORTATION EQUIPMENT AND SUPPLIES (EXCEPT MOTOR VEHICLE) MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1994-07-07 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WAEPF
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

AIRSPARES (Continued) **1000838849**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005383094

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838849
Registry ID:	110005383094
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005383094
Name:	AIRSPARES
Address:	415 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

D8 **INDUSTRIAL PARTS & FRICTIONS AUTO REPR** **EDR Hist Auto** **1014533700**
SW **409 26TH ST E** **N/A**
< 1/8 **TACOMA, WA 98421**
0.025 mi.
134 ft. **Site 1 of 6 in cluster D**

Relative:
Higher

Actual:
70 ft.

EDR Hist Auto

Year:	Name:	Type:
1970	INDUSTRIAL PARTS & FRICTIONS AU	AUTOMOBILE REPAIRING
1974	INDUSTRIAL PARTS & FRICTIONS AU	AUTOMOBILE REPAIRING
1982	INDUSTRIAL PARTS & FRICTION	Automotive Repair Shops, NEC
1983	INDUSTRIAL PARTS & FRICTION	Automotive Repair Shops, NEC
1985	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1986	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1987	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1988	INDUSTRIAL PARTS & FRICTIONS	Automotive Repair Shops, NEC
2011	FLUID MOTORSPORTS	Automotive Repair Shops, NEC
2012	FLUID MOTORSPORTS	Automotive Repair Shops, NEC
2013	FLUID MOTORSPORTS	Automotive Repair Shops, NEC

D9 SW < 1/8 0.025 mi. 134 ft. | **INDUSTRIAL PARTS FRICTIONS I**
409 E 26TH ST
TACOMA, WA 98421
Site 2 of 6 in cluster D | **WA ALLSITES**
RCRA NonGen / NLR
FINDS
ECHO | **1000428550**
WAD027540384

Relative: Higher
Actual: 70 ft.

ALLSITES:

Name:	INDUSTRIAL PARTS FRICTIONS I
Facility Id:	99982525

RCRA Listings:

Date Form Received by Agency:	1989-04-22 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Handler Address:	409 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD027540384
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	409 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	INDUSTRIAL PARTS FRICTIONS
Owner Type:	Private
Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1389
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL PARTS FRICTIONS I
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-04-21 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1989-04-22 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1989-04-21 00:00:00.0
Handler Name:	INDUSTRIAL PARTS FRICTIONS I
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

INDUSTRIAL PARTS FRICTIONS I (Continued) **1000428550**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005264212

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000428550
Registry ID: 110005264212
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005264212
Name: INDUSTRIAL PARTS FRICTIONS I
Address: 409 E 26TH ST
City,State,Zip: TACOMA, WA 98421

A10 South < 1/8 0.025 mi. 134 ft. | **GOLDEN WEST MOTEL** | **WA ALLSITES** | **1000838142**
503 E 26TH | **RCRA NonGen / NLR** | **WAD988508651**
TACOMA, WA 98404 | **FINDS**
ECHO

Site 4 of 4 in cluster A

Relative: Higher
Actual: 85 ft.

ALLSITES:
Name: GOLDEN WEST MOTEL
Facility Id: 62113225

RCRA Listings:
Date Form Received by Agency: 1999-08-09 00:00:00.0
Handler Name: GOLDEN WEST MOTEL
Handler Address: 503 E 26TH
Handler City,State,Zip: TACOMA, WA 98404
EPA ID: WAD988508651
Contact Name: Not reported
Contact Address: Not reported

GOLDEN WEST MOTEL (Continued) **1000838142**

Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2002 E 28TH ST
Mailing City,State,Zip:	TACOMA, WA 98404
Owner Name:	GOLDEN WEST MOTEL
Owner Type:	Private
Operator Name:	GOLDEN WEST MOTEL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

GOLDEN WEST MOTEL (Continued) **1000838142**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOLDEN WEST MOTEL (Continued) **1000838142**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1312
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOLDEN WEST MOTEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	503 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

GOLDEN WEST MOTEL (Continued) **1000838142**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-09 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-07-02 00:00:00.0
Handler Name:	GOLDEN WEST MOTEL
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	72111
NAICS Description:	HOTELS (EXCEPT CASINO HOTELS) AND MOTELS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

GOLDEN WEST MOTEL (Continued) **1000838142**

FINDS:
Registry ID: 110005377047

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838142
Registry ID:	110005377047
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005377047
Name:	GOLDEN WEST MOTEL
Address:	503 E 26TH
City,State,Zip:	TACOMA, WA 98404

E11 ESE < 1/8 0.030 mi. 158 ft. | **HJB MARINE** | **WA ALLSITES** | **S109824733**
601 E 26TH ST | **N/A**
TACOMA, WA 98421

Site 1 of 2 in cluster E

Relative: Lower
Actual: 54 ft.

ALLSITES:

Name:	HJB MARINE
Facility Id:	3081

B12 East < 1/8 0.033 mi. 176 ft. | **PUGET SOUND SPECIALTY** | **WA ALLSITES** | **S109824410**
706 E 25TH ST | **WA ASBESTOS** | **N/A**
TACOMA, WA 98421

Site 3 of 3 in cluster B

Relative: Lower
Actual: 21 ft.

ALLSITES:

Name:	PUGET SOUND SPECIALTY
Facility Id:	23657

ASBESTOS:

Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	132883##1511Rhine535430
Notice Date:	09/27/2016
Start Date:	07/12/2016
Completion Date:	10/31/2016
Initial:	Not reported
Amended:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-09-27 15:55:08
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	134103##1511Rhine268498
Notice Date:	10/26/2016
Start Date:	11/07/2016
Completion Date:	04/30/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852

PUGET SOUND SPECIALTY (Continued) **S109824410**

Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-10-26 10:55:51
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	138898##1511Rhine336050
Notice Date:	02/21/2017
Start Date:	11/07/2016
Completion Date:	02/21/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Dennis Staples
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-21 16:19:36
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile

PUGET SOUND SPECIALTY (Continued) **S109824410**

Supervisor:	Dennis Staples ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	119134##1511Rhine329409
Notice Date:	07/11/2016
Start Date:	07/12/2016
Completion Date:	09/30/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1

PUGET SOUND SPECIALTY (Continued) **S109824410**

Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-11 16:24:21
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	118707##1511Rhine305357
Notice Date:	07/01/2016
Start Date:	07/12/2016
Completion Date:	09/30/2016
Initial:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-07-01 12:42:44
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	118660
Form ID:	138719##1511Rhine244967
Notice Date:	02/17/2017
Start Date:	11/07/2016
Completion Date:	04/30/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Phone:	253-537-5852
Job Site CAS:	Dennis Staples
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area

PUGET SOUND SPECIALTY (Continued) **S109824410**

Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-17 08:02:13
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor:	Dennis Staples ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	706 E. 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Bldg & Trestle
Parent ID:	0
Form ID:	118660##1511Rhine405318
Notice Date:	06/30/2016
Start Date:	07/11/2016
Completion Date:	09/30/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	David Schultz
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	Corrie Adams
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	401 South Jackson St
Property Owner City:	Seattle
Property Owner State:	WA
Property Owner Zip4:	98104
Property Owner Phone:	206-903-7414
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported

PUGET SOUND SPECIALTY (Continued) **S109824410**

Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	4902
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	roof seam sealant
Quantity Lin Ft:	207
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	1
Lin Ft Other1 Text:	window putty
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-30 15:54:49
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other linear

PUGET SOUND SPECIALTY (Continued) **S109824410**

footage, Other Square Footage, Roofing, Vinyl Asbestos Tile
Supervisor: David Schultz ()
Supervisor Phone: Not reported
Certificate Status: ACTIVE

C13 West < 1/8 0.034 mi. 178 ft. **JOHNNYS FINE FOOD** **WA ALLSITES** **S110036432**
319 E 25TH ST **N/A**
TACOMA, WA 98421

Site 3 of 5 in cluster C

Relative: Lower
Actual: 48 ft.

ALLSITES:
Name: JOHNNYS FINE FOOD
Facility Id: 10734

D14 SW < 1/8 0.037 mi. 196 ft. **INDUSTRIAL PARTS C** **EDR Hist Auto** **1014533014**
405 26TH ST E **N/A**
TACOMA, WA

Site 3 of 6 in cluster D

Relative: Higher
Actual: 72 ft.

EDR Hist Auto

Year:	Name:	Type:
1965	INDUSTRIAL PARTS C	AUTOMOBILE REPAIRING
1969	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1970	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1971	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1972	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1973	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1974	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1975	INDUSTRIAL PRTS FRCTNS INC	Automotive Repair Shops, NEC
1976	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1977	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1978	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1979	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC
1980	INDUSTRIAL PARTS & FRICTIONS*	Automotive Repair Shops, NEC

D15 WSW < 1/8 0.040 mi. 209 ft. **GARY W JOHNSON** **WA UST** **U003352623**
323 EAST 26TH ST **N/A**
TACOMA, WA 98592

Site 4 of 6 in cluster D

Relative: Higher
Actual: 69 ft.

UST:
Name: GARY W JOHNSON
Address: 323 EAST 26TH ST
City: TACOMA
Zip: 98592
Facility ID: 14281979
Site Id: 101310
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.238171
Decimal Longitude: -122.431014

GARY W JOHNSON (Continued) **U003352623**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed - No Site Assessment Found
Tank Status Date:	12/06/1991
Tank Install Date:	12/31/1964
Tank Closure Date:	02/27/2020
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

D16 **MELODY MEATS** **WA ALLSITES** **S109824565**
WSW **323 E 26TH ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.040 mi.
209 ft. **Site 5 of 6 in cluster D**

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	GARY W JOHNSON
Facility Id:	14281979
Name:	MELODY MEATS
Facility Id:	24527

F17 **TACOMA PUBLIC UTILITIES MILWAUKEE SUBSTATION** **WA ALLSITES** **S116505643**
East **709 26TH ST E** **N/A**
< 1/8 **TACOMA, WA 98421**
0.047 mi.
247 ft. **Site 1 of 5 in cluster F**

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	TACOMA PUBLIC UTILITIES MILWAUKEE SUBSTATION
Facility Id:	12078

G18 ENE < 1/8 0.047 mi. 249 ft. | **SPRING AIR NW DIV CARMAN MFG CO**
725 E 25TH ST
TACOMA, WA 98421
Site 1 of 3 in cluster G | **WA CSCSL, WA LUST, WA UST, WA ALLSITES** | **U003355192, N/A**

Relative: Lower
Actual: 21 ft.

CSCSL:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451
Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451
Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Region:	Southwest
Lat/Long:	47.24085 / -122.42451

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Clean Up Siteid:	5476
Site Status:	Cleanup Started
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

LUST:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest
Lust ID:	4998
UST ID:	6904
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Lust ID:	4998
UST ID:	6904
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	9111625
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5476
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	CARMAN MFG CO,SPRING AIR NW CARMAN MFG CO,SPRING AIR NW DIV CARMAN MFG CO
Response Section:	Headquarters
Release Date:	09/08/1998
Lust Date:	09/09/1998
Region:	Southwest
Lust ID:	4998
UST ID:	6904
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24085 / -122.42451

UST:

Name:	SPRING AIR NW DIV CARMAN MFG CO
Address:	725 E 25TH ST
City:	TACOMA
Zip:	98421
Facility ID:	9111625
Site Id:	6904
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24085
Decimal Longitude:	-122.42451

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

SPRING AIR NW DIV CARMAN MFG CO (Continued) **U003355192**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SPRING AIR NORTHWEST
Facility Id:	9111625
Name:	FOR KIDS ONLY
Facility Id:	18665

G19 **SPRING AIR NORTHWEST** **WA VCP** **S124436493**
ENE **725 E 25TH ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.047 mi.
249 ft. **Site 2 of 3 in cluster G**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	9111625
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5476
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported
Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported

SPRING AIR NORTHWEST (Continued) **S124436493**

Facility ID:	9111625
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5476
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

Name:	SPRING AIR NORTHWEST
Address:	725 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	9111625
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	5476
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Soil:	Below Cleanup Levels

G20 **SPRING AIR NORTHWEST** **RCRA NonGen / NLR** **1000295573**
ENE **725 E 25TH ST** **WAD009258187**
< 1/8 **TACOMA, WA 98420**
0.047 mi.
249 ft. **Site 3 of 3 in cluster G**

Relative:
Lower

Actual:
21 ft.

RCRA Listings:

Date Form Received by Agency:	1985-03-15 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Handler Address:	725 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98420
EPA ID:	WAD009258187
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	725 E 25TH ST

SPRING AIR NORTHWEST (Continued) **1000295573**

Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CARMAN MANUFACTURING CO
Owner Type:	Private
Operator Name:	CARMAN MANUFACTURING CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:03:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

SPRING AIR NORTHWEST (Continued) **1000295573**

Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2005
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private

SPRING AIR NORTHWEST (Continued) **1000295573**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPRING AIR NORTHWEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARMAN MANUFACTURING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPRING AIR NORTHWEST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	725 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98420
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1985-03-14 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Electronic Manifest Broker:	Not reported

Receive Date:	1985-03-15 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1985-03-14 00:00:00.0
Handler Name:	SPRING AIR NORTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33791
NAICS Description:	MATTRESS MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported

SPRING AIR NORTHWEST (Continued) **1000295573**

Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1998-05-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No

SPRING AIR NORTHWEST (Continued) **1000295573**

Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-12-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

H21 **SME CORP** **WA ALLSITES** **1000659001**
WSW **311 E 26TH ST** **RCRA NonGen / NLR** **WAD988486635**
< 1/8 **TACOMA, WA 98421** **FINDS**
0.050 mi. **ECHO**
263 ft. **Site 1 of 6 in cluster H** **WA MANIFEST**

Relative:
Higher

Actual:
68 ft.

ALLSITES:

Name:	SME CORP
Facility Id:	82577212

RCRA Listings:

Date Form Received by Agency:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Handler Address:	311 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988486635
Contact Name:	MARK VIGIL
Contact Address:	2302 A ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-572-3822
Contact Fax:	Not reported
Contact Email:	MARKV@SME-SOLUTIONS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2302 A ST

SME CORP (Continued) **1000659001**

Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	SME CORP
Owner Type:	Private
Operator Name:	HODGES, JOSH
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-04 15:30:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

SME CORP (Continued) **1000659001**

Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year:	2009

Click Here for Biennial Reporting System Data:

Year:	2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH H
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DONALD K RUTH
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH HODGES
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

SME CORP (Continued) **1000659001**

Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAMES LITTLE
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP S
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH, DON K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SME CORP (Continued) **1000659001**

Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSH HODGES
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2912
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported

SME CORP (Continued) **1000659001**

Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	311 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

SME CORP (Continued) **1000659001**

Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUTH, DON K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SME CORP (Continued) **1000659001**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SME CORP
Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	2302 A ST
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Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LITTLE, JAMES B
Legal Status:	Private
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Owner/Operator Indicator:	Owner
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Legal Status:	Private
Date Became Current:	1997-04-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SME CORP (Continued) **1000659001**

Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUTH, DONALD K
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SME CORP
Legal Status:	Private
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HODGES, JOSH
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-572-3822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified

SME CORP (Continued) **1000659001**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2017-11-06 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SME CORP (Continued) **1000659001**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-12-29 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SME CORP (Continued) **1000659001**

Receive Date:	1999-01-25 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-20 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-04 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-04 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-18 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SME CORP (Continued) **1000659001**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-01 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-15 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SME CORP (Continued) **1000659001**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-04-09 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-03-13 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-04-15 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SME CORP.

SME CORP (Continued) **1000659001**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-02-25 00:00:00.0
Handler Name:	SME CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SME CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23599
NAICS Description:	ALL OTHER SPECIAL TRADE CONTRACTORS

NAICS Code:	23829
NAICS Description:	OTHER BUILDING EQUIPMENT CONTRACTORS

NAICS Code:	238290
NAICS Description:	OTHER BUILDING EQUIPMENT CONTRACTORS

NAICS Code:	56172
NAICS Description:	JANITORIAL SERVICES

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1995-12-01 00:00:00.0

SME CORP (Continued) **1000659001**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-12-01 00:00:00.0
Enforcement Identifier:	01
Date of Enforcement Action:	1995-12-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-12-01 00:00:00.0
Actual Return to Compliance Date:	1996-01-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1996-01-01 00:00:00.0
Enforcement Identifier:	01
Date of Enforcement Action:	1995-12-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALAB

SME CORP (Continued) **1000659001**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1995-12-01 00:00:00.0
Scheduled Compliance Date:	1995-12-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1996-01-01 00:00:00.0
Scheduled Compliance Date:	1996-01-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005361063

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

SME CORP (Continued) **1000659001**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000659001
Registry ID:	110005361063
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005361063
Name:	SME CORP
Address:	311 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	SME CORP
Address:	311 E 26TH ST
City,State,Zip:	TACOMA, WA 98421-1308
Facility Address 2:	Not reported
Facility ID:	82577212
EPA ID:	WAD988486635
NAICS:	238290
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600025932
Business Type:	Service Station Maintenan
Mail Name:	SME Corp
Mailing Address:	2302 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-2912
Legal Organization Name:	SME Corp
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2302 A ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-2912
Legal Phone Number:	(253)572-3822

SME CORP (Continued) **1000659001**

Legal Effective Date:	04/16/1997
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Donald K Ruth
Land Address:	2302 A ST
Land City,State,Zip:	TACOMA, WA 98402-2912
Land Phone Number:	(253)572-3822
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Josh Hodges
Operator Address:	2302 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-2912
Operator Phone Number:	(253)572-3822
Operator Effective Date:	04/16/1997
Site Contact:	Josh Hodges
Site Contact Address:	2302 A ST
Contact City,State,Zip:	TACOMA, WA 98402-2912
Site Contact Phone Number:	253572-3822
Site Contact Email:	joshh@smecorp.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	True
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

H22 **SME SOLUTIONS** **WA ALLSITES** **S109824258**
WSW **313 E 26TH ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.050 mi.
265 ft. **Site 2 of 6 in cluster H**

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	SME SOLUTIONS
Facility Id:	3722

C23
NW
< 1/8
0.054 mi.
285 ft.

BULLS EYE SUPPLY
414 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S109824388**
N/A

Site 4 of 5 in cluster C

Relative:
Lower

Actual:
39 ft.

ALLSITES:

Name:	BULLS EYE INDOOR RANGE
Facility Id:	19339
Name:	BULLS EYE SUPPLY
Facility Id:	11329

C24
WNW
< 1/8
0.054 mi.
285 ft.

ALFREDS CAFE
402 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S109824135**
N/A

Site 5 of 5 in cluster C

Relative:
Lower

Actual:
39 ft.

ALLSITES:

Name:	ALFREDS CAFE
Facility Id:	15568

D25
SW
< 1/8
0.059 mi.
311 ft.

MYSTIC MOCHA
402 E 26TH ST
TACOMA, WA 98421

WA ALLSITES **S109824783**
N/A

Site 6 of 6 in cluster D

Relative:
Higher

Actual:
79 ft.

ALLSITES:

Name:	MYSTIC MOCHA
Facility Id:	19140

I26
WNW
< 1/8
0.059 mi.
313 ft.

HAHN J E AUTO REPR
314 PUYALLUP AVE
TACOMA, WA

EDR Hist Auto **1014533706**
N/A

Site 1 of 7 in cluster I

Relative:
Lower

Actual:
39 ft.

EDR Hist Auto

Year:	Name:	Type:
1931	HAHN J E AUTO REPR	AUTOMOBILE REPAIRING
1936	HAHN J E AUTO REPR	AUTOMOBILE REPAIRING
1987	CASCADE FRICTION MATERIALS	Motor Vehicle Supplies And New Parts

I27 WNW < 1/8 0.059 mi. 313 ft. | **CASCADE FRICTION MATERIALS** | **WA ALLSITES** | **S109824356** | **N/A**

314 PUYALLUP AVE
TACOMA, WA 98421

Site 2 of 7 in cluster I

Relative: Lower
Actual: 39 ft.

ALLSITES:

Name:	CASCADE FRICTION MATERIALS
Facility Id:	7003

F28 ESE < 1/8 0.063 mi. 332 ft. | **PRECISION PATTERN INC** | **WA VCP** | **S124436250** | **N/A**

2620 E G ST
TACOMA, WA 98421

Site 2 of 5 in cluster F

Relative: Lower
Actual: 19 ft.

VCP:

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85239825
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-03-04
Rank:	Not reported
Cleanup Siteid:	4080
Contaminant Name:	Non-Halogenated Solvents
Soil:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	85239825
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2009-03-04
Rank:	Not reported
Cleanup Siteid:	4080
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

F29 ESE < 1/8 0.063 mi. 332 ft. | **AIM AEROSPACE TACOMA OPERATIONS**
2620 E G ST
TACOMA, WA 98421 | **RCRA NonGen / NLR** | **1015751726**
WAD042801944

Site 3 of 5 in cluster F

Relative: Lower

Actual: 19 ft.

RCRA Listings:

Date Form Received by Agency:	2013-07-19 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Handler Address:	2620 E G ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD042801944
Contact Name:	KATHY EATON
Contact Address:	2620 EAST G STREET
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-572-4333
Contact Fax:	Not reported
Contact Email:	KEATON@AIM-AEROSPACE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	AIM AEROSPACE
Owner Type:	Private
Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 16:09:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D035

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
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Legal Status:	Private
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Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
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Owner/Operator Name:	PRECISION PATTERN INC
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AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

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Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE A
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
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Owner/Operator Email:	Not reported

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Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
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Owner/Operator Email:	Not reported
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Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
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Date Became Current:	1996-10-16 00:00:00.
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
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Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
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Owner/Operator Indicator:	Owner
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Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
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Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATHY E
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	LUNDQUIST, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM GROUP USA
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIM AEROSPACE
Legal Status:	Private
Date Became Current:	2007-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9011
Owner/Operator City,State,Zip:	RENTON, WA 98057
Owner/Operator Telephone:	425-253-2750
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1972-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1907
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	1996-10-16 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION PATTERN INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON LUNDQUIST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AIM AEROSPACE TACOMA OPERATIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2620 E G ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-4333
Owner/Operator Telephone Ext:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-06 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-02 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-07-19 00:00:00.0

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-13 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-02 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-06-04 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-04-11 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-04-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-28 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-19 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-05 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-08 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-14 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-05-06 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-16 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-01 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Receive Date:	2011-02-24 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-02 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-06 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-07 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-07-18 00:00:00.0
Handler Name:	AIM AEROSPACE TACOMA OPERATIONS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PRECISION PATTERN INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332997
NAICS Description: INDUSTRIAL PATTERN MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1993-04-15 00:00:00.0
Actual Return to Compliance Date: 1993-04-15 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-04-15 00:00:00.0
Enforcement Identifier: 000
Date of Enforcement Action: 1993-04-15 00:00:00.0

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-06-26 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2005-02-11 00:00:00.0
Actual Return to Compliance Date: 2005-03-09 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2005-03-01 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAEPF
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-15 00:00:00.0
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1993-04-15 00:00:00.0

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-02-11 00:00:00.0
Actual Return to Compliance Date:	2005-02-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2005-03-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-06-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEXZ
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-07-04 00:00:00.0
Scheduled Compliance Date:	1993-06-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-05-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-02-11 00:00:00.0

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2005-03-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1993-04-15 00:00:00.0
Scheduled Compliance Date:	1993-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-03-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANDL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-02-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW

AIM AEROSPACE TACOMA OPERATIONS (Continued) **1015751726**

Actual Return to Compliance Date:	2005-02-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

F30 **PRECISION PATTERN INC** **WA ALLSITES** **1000172416**
ESE **2620 E G ST** **WA CSCSL NFA** **N/A**
< 1/8 **TACOMA, WA 98421** **WA SPILLS**
0.063 mi. **FINDS**
332 ft. **Site 4 of 5 in cluster F** **ECHO**
WA MANIFEST

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	PRECISION PATTERN INC
Facility Id:	85239825
Name:	AIM AEROSPACE
Facility Id:	23500

CSCSL NFA:

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	85239825
CS Id:	4080
NFA Date:	03/04/2009
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23875
Longitude:	-122.4242

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	85239825
CS Id:	4080
NFA Date:	03/04/2009
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated

PRECISION PATTERN INC (Continued) **1000172416**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23875
Longitude:	-122.4242

SPILLS:

Name:	PRECISION PATTERN
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA
Facility ID:	544441
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	11/08/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

FINDS:

Registry ID: 110005319976

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000172416

PRECISION PATTERN INC (Continued) **1000172416**

Registry ID:	110005319976
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005319976
Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	AIM AEROSPACE TACOMA OPERATIONS
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM AEROSPACE
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton

PRECISION PATTERN INC (Continued) **1000172416**

Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste flammable liquids Acetone N.O.S
CORb Sequence Number:	136068
Sequence Number:	2659273
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	250
Quanity Unit:	LB
Kilograms Quanity:	113.400001
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP01
State Only Waste Code 2:	WT02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W403
Description:	Washington State Waste only Toxic Persistant
CORb Sequence Number:	136068
Sequence Number:	2659275
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	washington state waste only - toxic
CORb Sequence Number:	136068
Sequence Number:	2659274
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	80
Quanity Unit:	LB
Kilograms Quanity:	36.2880006
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	136068
Waste Sequence Number:	2659273
Sequence Number:	656684
Received EPAID:	WAD991281767
Managed Quanity:	250
Kilogram Quanity:	113.400001
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	2659275
Sequence Number:	656686
Received EPAID:	WAD991281767
Managed Quanity:	40
Kilogram Quanity:	18.1440003
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	2659274
Sequence Number:	656685

PRECISION PATTERN INC (Continued) **1000172416**

Received EPAID: WAD991281767
Managed Quanity: 80
Kilogram Quanity: 36.2880006
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 136068
Comments: acetone waste - for cleaning of small cutting tools
Waste Sequence Number: 2659273
Sequence Number: 1

Comments: oil that was found - old
Waste Sequence Number: 2659274
Sequence Number: 1

Comments: tcc-301 resin
Waste Sequence Number: 2659275
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 136068
Waste Sequence Number: 2659273
Sequence Number: 5890088
WCDA Code: D001

Waste Sequence Number: 2659273
Sequence Number: 5890089
WCDA Code: F003

Waste Stream Source Code:
CORB Waste Sequence Number: 136068
Waste Sequence Number: 2659273
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2659274
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2659275
Sequence Number: 1
WCDD Code: G09

Name: AIM AEROSPACE TACOMA OPERATIONS
Address: 2620 E G ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 85239825
EPA ID: WAD042801944
NAICS: 332997
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2011

PRECISION PATTERN INC (Continued) **1000172416**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM AEROSPACE
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

PRECISION PATTERN INC (Continued) **1000172416**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	AIM AEROSPACE TACOMA OPERATIONS
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333

PRECISION PATTERN INC (Continued) **1000172416**

Operator Organization Name:	AIM AEROSPACE TACOMA OPERATIONS
Operator Organization Type:	Private
Operator:	Kathy Eaton
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Kathy Eaton
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	keaton@aim-aerospace.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste flammable liquids NOS (Naphtha, Tylene)
CORb Sequence Number:	128039
Sequence Number:	2497284
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.968001014249623
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

PRECISION PATTERN INC (Continued) **1000172416**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Liquid, NOS (Bisphenol a based epoiy Resin)
CORb Sequence Number:	128039
Sequence Number:	2497282
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	125
Quanity Unit:	LB
Kilograms Quanity:	56.700000975240023
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste Toxic
CORb Sequence Number:	128039
Sequence Number:	2497280
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	45
Quanity Unit:	LB
Kilograms Quanity:	20.412000351086409
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	128039
Waste Sequence Number:	2497282
Sequence Number:	590746
Received EPAID:	WAD991281767
Managed Quanity:	125
Kilogram Quanity:	56.700000975240023
Recycled Percentage:	Not reported
Waste Management System Code:	H141

Waste Sequence Number:	2497284
Sequence Number:	590752
Received EPAID:	WAD991281767
Managed Quanity:	130
Kilogram Quanity:	58.968001014249623
Recycled Percentage:	Not reported
Waste Management System Code:	H141

PRECISION PATTERN INC (Continued) **1000172416**

Waste Sequence Number: 2497280
Sequence Number: 590738
Received EPAID: WAD991281767
Managed Quanity: 45
Kilogram Quanity: 20.412000351086409
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 128039
Comments: Liquid, NOS (Bisphenol a based epoiy Resin)
Waste Sequence Number: 2497282
Sequence Number: 1

Comments: Waste Toxic
Waste Sequence Number: 2497280
Sequence Number: 1

Comments: Waste flammable liquids NOS (Naphtha, Tylene)
Waste Sequence Number: 2497284
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 128039
Waste Sequence Number: 2497284
Sequence Number: 5440899
WCDA Code: D018

Waste Sequence Number: 2497284
Sequence Number: 5440898
WCDA Code: D001

Waste Stream Source Code:
CORB Waste Sequence Number: 128039
Waste Sequence Number: 2497280
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2497282
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 2497284
Sequence Number: 1
WCDD Code: G09

Name: PRECISION PATTERN INC
Address: 2620 E G ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 85239825
EPA ID: WAD042801944
NAICS: 332997
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported

PRECISION PATTERN INC (Continued) **1000172416**

Form Comm:	No Regulated Waste Generated.
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Brian Retzloff
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Brian Retzloff
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	bretzloff@ppattern.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False

PRECISION PATTERN INC (Continued) **1000172416**

Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003,F005,D002,
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	AIM Group USA
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 9011
Legal Address 2:	Not reported
Legal City,State,Zip:	Renton, WA 98057
Legal Phone Number:	425-253-2750
Legal Effective Date:	07/09/2007
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST

PRECISION PATTERN INC (Continued) **1000172416**

Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Brian Retzloff
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Brian Retzloff
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	bretzloff@ppattern.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS AND SOLVENT
CORb Sequence Number:	118235
Sequence Number:	2004159
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	210
Quanity Unit:	LB
Kilograms Quanity:	95.256001638403234
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported

PRECISION PATTERN INC (Continued) **1000172416**

State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	LOOSEPACK PAINTS AND SOLVENT
CORb Sequence Number:	118235
Sequence Number:	2004158
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	700
Quanity Unit:	LB
Kilograms Quanity:	317.52000546134411
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	REN 4037 HARDENER
CORb Sequence Number:	118235
Sequence Number:	2004163
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	CORROSIVE CLASS 8 LABPACK
CORb Sequence Number:	118235
Sequence Number:	2004161
Mixed Radioactive Flag:	False

PRECISION PATTERN INC (Continued) **1000172416**

Designation Code:	D
Reported Quanity:	83.400000000000006
Quanity Unit:	LB
Kilograms Quanity:	37.830240650680146
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	AEROSOLS CONSOLIDATION
CORb Sequence Number:	118235
Sequence Number:	2004162
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.5360000780192014
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	TOXICS CLASS 6.1 LOOSEPACK
CORb Sequence Number:	118235
Sequence Number:	2004160
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8.3399999999999999
Quanity Unit:	LB
Kilograms Quanity:	3.7830240650680143
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	118235
Waste Sequence Number:	2004162
Sequence Number:	955763
Shipment Date:	5/15/2008
Mainfest Document ID:	34993

PRECISION PATTERN INC (Continued) **1000172416**

Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004160
Sequence Number:	955761
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	8.34
Unit of Measure:	LB
Kilograms Quanity:	3.78302406506801
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004158
Sequence Number:	955759
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	100
Unit of Measure:	LB
Kilograms Quanity:	45.360000780192
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004158
Sequence Number:	955758
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	600
Unit of Measure:	LB
Kilograms Quanity:	272.160004681152
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004161
Sequence Number:	955762
Shipment Date:	5/15/2008
Mainfest Document ID:	34993
Reported Quanity:	83.4
Unit of Measure:	LB
Kilograms Quanity:	37.8302406506801
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004163
Sequence Number:	955764
Shipment Date:	9/23/2008
Mainfest Document ID:	70440
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.5360000780192
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2004159
Sequence Number:	955760
Shipment Date:	9/23/2008
Mainfest Document ID:	70440
Reported Quanity:	210
Unit of Measure:	LB
Kilograms Quanity:	95.2560016384032

PRECISION PATTERN INC (Continued) **1000172416**

Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 118235
Waste Sequence Number: 2004163
Sequence Number: 488123
Received EPAID: WAD991281767
Managed Quanity: 10
Kilogram Quanity: 4.5360000780192014
Recycled Percentage: Not reported
Waste Management System Code: H111

Waste Sequence Number: 2004158
Sequence Number: 488118
Received EPAID: WAD991281767
Managed Quanity: 700
Kilogram Quanity: 317.52000546134411
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Sequence Number: 2004162
Sequence Number: 488122
Received EPAID: WAD991281767
Managed Quanity: 10
Kilogram Quanity: 4.5360000780192014
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004161
Sequence Number: 488121
Received EPAID: WAD991281767
Managed Quanity: 83.400000000000006
Kilogram Quanity: 37.830240650680146
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004160
Sequence Number: 488120
Received EPAID: WAD991281767
Managed Quanity: 8.3399999999999999
Kilogram Quanity: 3.7830240650680143
Recycled Percentage: Not reported
Waste Management System Code: H141

Waste Sequence Number: 2004159
Sequence Number: 488119
Received EPAID: WAD991281767
Managed Quanity: 210
Kilogram Quanity: 95.256001638403234
Recycled Percentage: Not reported
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 118235
Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004160

PRECISION PATTERN INC (Continued) **1000172416**

Sequence Number: 1

Comments: ONE TIIME CLEANUP
Waste Sequence Number: 2004162
Sequence Number: 1

Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004163
Sequence Number: 1

Comments: ONE TIME CLEANUP
Waste Sequence Number: 2004161
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 118235
Waste Sequence Number: 2004161
Sequence Number: 4287593
WCDA Code: D002

Waste Sequence Number: 2004159
Sequence Number: 4287585
WCDA Code: F003

Waste Sequence Number: 2004158
Sequence Number: 4287596
WCDA Code: D035

Waste Sequence Number: 2004159
Sequence Number: 4287586
WCDA Code: F005

Waste Sequence Number: 2004162
Sequence Number: 4287594
WCDA Code: D001

Waste Sequence Number: 2004158
Sequence Number: 4287598
WCDA Code: F005

Waste Sequence Number: 2004159
Sequence Number: 4287584
WCDA Code: D035

Waste Sequence Number: 2004158
Sequence Number: 4287595
WCDA Code: D001

Waste Sequence Number: 2004159
Sequence Number: 4287583
WCDA Code: D001

Waste Sequence Number: 2004158
Sequence Number: 4287597
WCDA Code: F003

PRECISION PATTERN INC (Continued) **1000172416**

Waste Stream Source Code:

CORB Waste Sequence Number:	118235
Waste Sequence Number:	2004159
Sequence Number:	1
WCDD Code:	G06
Waste Sequence Number:	2004160
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	2004163
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	2004161
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	2004158
Sequence Number:	1
WCDD Code:	G07
Waste Sequence Number:	2004162
Sequence Number:	1
WCDD Code:	G19

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING

PRECISION PATTERN INC (Continued) **1000172416**

Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Staci Book
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	Sbook@PPATTERN.COM
Gen Status Code:	SQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005

PRECISION PATTERN INC (Continued) **1000172416**

Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Don Lundquist
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST
Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Dan Hesser
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333/891-6619
Site Contact Email:	dhesser@ppattern.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F

PRECISION PATTERN INC (Continued) **1000172416**

Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	PRECISION PATTERN INC
Address:	2620 E G ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	85239825
EPA ID:	WAD042801944
NAICS:	332997
State Waste Code Desc:	No Activity for 2005
Federal Waste Code Desc:	No Activity for 2005
Form Comm:	No activity for 2005
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600087981
Business Type:	TOOL MANUFACTURING
Mail Name:	Precision Pattern Inc
Mailing Address:	2620 E G ST
Mailing City,State,Zip:	TACOMA, WA 98421-1907
Legal Organization Name:	Precision Pattern Inc
Legal Organization Type:	Private
Legal Contact:	Don Lundquist
Legal Address:	2620 E G ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1907
Legal Phone Number:	(253)572-4333
Legal Effective Date:	10/16/1972
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Don Lundquist
Land Address:	2620 E G ST

PRECISION PATTERN INC (Continued) **1000172416**

Land City,State,Zip:	TACOMA, WA 98421-1907
Land Phone Number:	(253)572-4333
Operator Organization Name:	Precision Pattern Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2620 E G ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1907
Operator Phone Number:	253-572-4333
Operator Effective Date:	01/01/1997
Site Contact:	Staci Book
Site Contact Address:	2620 East G Street
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)572-4333
Site Contact Email:	Sbook@PPATTERN.COM
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

J31 **BNRR TACOMA YARD POND** **WA ALLSITES** **S107487061**
NE **605 PUYALLUP ST** **WA CSCSL NFA** **N/A**
< 1/8 **TACOMA, WA 98421** **WA SPILLS**
0.064 mi.
339 ft. **Site 1 of 2 in cluster J**

Relative:
Lower

Actual:
22 ft.

ALLSITES:

Name:	BNRR TACOMA YARD POND
Facility Id:	1373

CSCSL NFA:

Name:	BNRR TACOMA YARD POND
Address:	605 PUYALLUP ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1373
CS Id:	274
NFA Date:	01/03/1996
Alternate Site Names:	BURLINGTON NORTHERN RAILROAD
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported

BNRR TACOMA YARD POND (Continued) **S107487061**

Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241221
Longitude:	-122.425846

SPILLS:

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107685
Medium:	Other
Material Desc:	Chemical
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/02/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Mathew Genilo
Cause:	Sodium Hydroxide Spill from Railcar, Tacoma
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	TACOMA - BNSF RAIL YARD
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	108550
Medium:	Vehicle
Material Desc:	Chemical
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/13/2019
Incident Category Type:	Non Oil
Incident Category:	Hazmat Release
Latitude:	47.25089
Longitude:	-122.41769
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Ryan Risdon, Steve Yost
Cause:	BNSF Rail Car with Possible Sodium Chlorate Residue - Tacoma 10-13-19
Cause Type:	Not reported
Resp Party Name:	BNSF, BNSF - HazMat

Name:	Not reported

BNRR TACOMA YARD POND (Continued) **S107487061**

Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	109175
Medium:	Vehicle
Material Desc:	USED OIL
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/06/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Dominic Winslow
Cause:	BNSF Tank Car Small Oil Spill, December 6, 2019
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BNSF EAST END TACOMA YARD
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	110421
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	100
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	03/08/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	95
Resp Party Contact:	Not reported
Cause:	BNSF Oil Spill Tacoma 3-8-20
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	111447
Medium:	Railroad Track Bed
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	1
Material Units:	Quart
Date Received:	Not reported
Contact Name:	Not reported

BNRR TACOMA YARD POND (Continued) **S107487061**

Incident Date:	06/04/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	0
Resp Party Contact:	Not reported
Cause:	BNSF Locomotive Oil to Ballast - Tacoma Rail Yard
Cause Type:	Not reported
Resp Party Name:	BNSF

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	109175
Medium:	Vehicle
Material Desc:	USED OIL
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	12/06/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	605 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107685
Medium:	Other
Material Desc:	Chemical
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	08/02/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24102
Longitude:	-122.42631
Source Type:	Vehicle
Source:	Train
Vessel Facility Name2:	Not reported
Recovered Quantity:	1

BNRR TACOMA YARD POND (Continued) **S107487061**

Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BURLINGTON NORTHERN SANTA FE RAILROAD
Address:	605 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA
Facility ID:	536284
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	50
Material Units:	GALLON
Date Received:	09/20/2003
Contact Name:	ESTERBY
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	BURLINGTON NORTHERN SANTA FE RAILROAD
Address:	605 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA
Facility ID:	530751
Medium:	Not reported
Material Desc:	CHEMICAL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	12/11/2002
Contact Name:	ANDERSON
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

E32 SE < 1/8 0.065 mi. 341 ft. | **DON ENGLE DISTRIBUTING INC**
2601 E F ST
TACOMA, WA 98421

Site 2 of 2 in cluster E

WA UST **U003356078**
WA ALLSITES **N/A**

Relative: Higher

Actual: 66 ft.

UST:

Name:	DON ENGLE DISTRIBUTING INC
Address:	2601 E F ST
City:	TACOMA
Zip:	98421
Facility ID:	75382517
Site Id:	9917
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238101
Decimal Longitude:	-122.426724
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1965
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	DON ENGLE DISTRIBUTING INC
Address:	2601 E F ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1965
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

DON ENGLE DISTRIBUTING INC (Continued) **U003356078**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DON ENGLE DISTRIBUTING INC
Facility Id:	75382517

K33 **FORMER TEXACO SERVICE STATION** **WA VCP** **S124435975**
NE **704 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.066 mi.
349 ft. **Site 1 of 3 in cluster K**

Relative:
Lower

Actual:
22 ft.

VCP:

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	78349
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	14432
Contaminant Name:	Arsenic
Soil:	Below Cleanup Levels

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	78349
VCP Status:	Not reported
VCP:	TRUE

FORMER TEXACO SERVICE STATION (Continued) **S124435975**

Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Lead
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Metals - Other
Soil: Below Cleanup Levels

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 78349
VCP Status: Not reported
VCP: TRUE
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: Not reported
Cleanup Siteid: 14432
Contaminant Name: Petroleum-Gasoline
Soil: Confirmed Above Cleanup Levels

K34 **FORMER TEXACO SERVICE STATION** **WA CSCSL** **S121442544**
NE **704 PUYALLUP AVE** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98421**
0.066 mi.
349 ft. **Site 2 of 3 in cluster K**

Relative:
Lower

Actual:
22 ft.

CSCSL:
Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 78349
Region: Southwest
Lat/Long: 47.24085 / -122.42452
Clean Up Siteid: 14432

FORMER TEXACO SERVICE STATION (Continued) **S121442544**

Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Name:	FORMER TEXACO SERVICE STATION
Address:	704 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	78349
Region:	Southwest
Lat/Long:	47.24085 / -122.42452
Clean Up Siteid:	14432
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

FORMER TEXACO SERVICE STATION (Continued) **S121442544**

Responsible Unit: Headquarters

Name: FORMER TEXACO SERVICE STATION
Address: 704 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 78349
Region: Southwest
Lat/Long: 47.24085 / -122.42452
Clean Up Siteid: 14432
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Headquarters

ALLSITES:
Name: FORMER TEXACO SERVICE STATION
Facility Id: 78349

K35 **BILLS MOBILE SERV GAS STA** **EDR Hist Auto** **1014533647**
NE **702 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.068 mi.
359 ft. **Site 3 of 3 in cluster K**

Relative:
Lower

Actual:
22 ft.

EDR Hist Auto

Year:	Name:	Type:
1942	AABERGS SERVICE	GASOLINE AND OIL SERVICE STATIONS
1947	FISHERS MOBILE STA	GASOLINE AND OIL SERVICE STATIONS
1953	BILLS MOBILE SERV GAS STA	GASOLINE STATIONS

F36 **WESTERN BEER DISTRIBUTORS INC** **WA LUST** **U003353915**
ESE **712 EAST 26TH** **WA UST** **N/A**
< 1/8 **TACOMA, WA 98421** **WA ALLSITES**
0.068 mi. **WA CSCSL NFA**
361 ft. **Site 5 of 5 in cluster F**

Relative:
Lower

Actual:
19 ft.

LUST:
Name: WESTERN BEER DISTRIBUTORS
Address: 712 E 26TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 58813229
Lust Status Type: LUST - NFA
Cleanup Site ID: 6346
Cleanup Unit Type: Not reported
Process Type: Not reported

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Cleanup Unit Name:	WESTERN BEER DISTRIBUTORS INC
Response Section:	Southwest
Release Date:	06/25/1992
Lust Date:	10/15/1996
Region:	Southwest
Lust ID:	2077
UST ID:	2584
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239649 / -122.41522

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	58813229
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6346
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	WESTERN BEER DISTRIBUTORS INC
Response Section:	Southwest
Release Date:	06/25/1992
Lust Date:	10/15/1996
Region:	Southwest
Lust ID:	2077
UST ID:	2584
Contaminant Name:	Pesticides-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239649 / -122.41522

UST:

Name:	WESTERN BEER DISTRIBUTORS INC
Address:	712 EAST 26TH
City:	TACOMA
Zip:	98421
Facility ID:	58813229
Site Id:	2584
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239649
Decimal Longitude:	-122.415225

Tank Name:	1.
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/30/1969

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WESTERN BEER DISTRIBUTORS
Facility Id:	58813229

CSCSL NFA:

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	58813229
CS Id:	6346
NFA Date:	10/15/1996
Alternate Site Names:	WESTERN BEER DISTRIBUTORS INC
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Pesticides-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239649
Longitude:	-122.415225

Name:	WESTERN BEER DISTRIBUTORS
Address:	712 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	58813229
CS Id:	6346
NFA Date:	10/15/1996
Alternate Site Names:	WESTERN BEER DISTRIBUTORS INC
NFA Reason:	NFA-Independent Remedial Action Program Review
Site Status:	NFA

WESTERN BEER DISTRIBUTORS INC (Continued) **U003353915**

Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239649
Longitude:	-122.415225

J37 **STANDARD STATIONS INC GAS** **EDR Hist Auto** **1014534717**
NE **624 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.070 mi.
367 ft. **Site 2 of 2 in cluster J**

Relative: EDR Hist Auto
Lower

Actual:
21 ft.

Year:	Name:	Type:
1965	STANDARD STATIONS INC GAS	GASOLINE STATIONS

I38 **ALS GARAGE AUTO** **EDR Hist Auto** **1014534621**
NW **406 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.070 mi.
368 ft. **Site 3 of 7 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
35 ft.

Year:	Name:	Type:
1942	ALS GARAGE AUTO	AUTOMOBILE REPAIRING

L39 **MANNA PRO CORP** **WA LUST** **U003353644**
NNW **518 PUYALLUP AVE** **WA UST** **N/A**
< 1/8 **TACOMA, WA 98421** **WA ICR**
0.070 mi. **WA ALLSITES**
369 ft. **Site 1 of 16 in cluster L** **WA CSCSL NFA**

Relative: LUST:
Lower

Actual:
34 ft.

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	46689617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	9332
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	MANNA PRO CO
Response Section:	Southwest
Release Date:	01/14/1992
Lust Date:	01/05/2001
Region:	Southwest
Lust ID:	1649
UST ID:	1672

MANNA PRO CORP (Continued) **U003353644**

Contaminant Name:	Petroleum-Other
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24058 / -122.42741

UST:

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	46689617
Site Id:	1672
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24058
Decimal Longitude:	-122.42741

Tank Name:	DIESEL TANK1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	DIESEL TANK2
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996

MANNA PRO CORP (Continued) **U003353644**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	GAS TANK 3
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	09/23/92

MANNA PRO CORP (Continued) **U003353644**

Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-33
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	01/18/94
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-17
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	MANNA PRO CO
Facility Id:	46689617

CSCSL NFA:

Name:	MANNA PRO CORP
Address:	518 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	46689617
CS Id:	9332
NFA Date:	01/05/2001
Alternate Site Names:	MANNA PRO CO
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24058
Longitude:	-122.42741

L40 **TACOMA DOME STATION** **WA ALLSITES** **S101189816**
NNW **500 PUYALLUP AVE** **WA CSCSL NFA** **N/A**
< 1/8 **TACOMA, WA 98421**
0.070 mi.
369 ft. **Site 2 of 16 in cluster L**

Relative:
Lower

Actual:
35 ft.

ALLSITES:

Name:	TACOMA DOME STATION
Facility Id:	1266

TACOMA DOME STATION (Continued) **S101189816**

CSCSL NFA:

Name:	TACOMA DOME STATION
Address:	500 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1266
CS Id:	3765
NFA Date:	01/03/2001
Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24052
Longitude:	-122.42745

L41 **METTLER SUPER SERVICE** **EDR Hist Auto** **1014533347**
NNW **504 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.070 mi.
370 ft. **Site 3 of 16 in cluster L**

Relative: EDR Hist Auto
Lower

Actual:
34 ft.

Year:	Name:	Type:
1931	METTLER SUPER SERVICE	GASOLINE AND OIL SERVICE STATIONS
1936	PLANT SUPER SERVICE	GASOLINE AND OIL SERVICE STATIONS

L42 **DISCOVERY** **WA UST** **U003604942**
NNW **502 PUYALLUP AVE** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98402**
0.070 mi.
370 ft. **Site 4 of 16 in cluster L**

Relative: UST:
Lower

Actual:
35 ft.

Name:	DISCOVERY
Address:	502 PUYALLUP AVE
City:	TACOMA
Zip:	98402
Facility ID:	31649744
Site Id:	502627
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2405701248922
Decimal Longitude:	-122.427764174835
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900

DISCOVERY (Continued) **U003604942**

Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	DISCOVERY
Facility Id:	31649744

H43 **TOD DRESSEL PRIVATE HOME** **WA ALLSITES** **S111769901**
SW **306 308 314 E 26TH STREET** **WA CSCSL NFA** **N/A**
< 1/8 **TACOMA, WA 98421** **WA MANIFEST**
0.073 mi.
388 ft. **Site 3 of 6 in cluster H**

Relative:
Higher

Actual:
72 ft.

ALLSITES:

Name:	DRESSEL PROPERTY
Facility Id:	22853

CSCSL NFA:

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	22853
CS Id:	11844
NFA Date:	07/26/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Mercury
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2383
Longitude:	-122.42991389

WA MANIFEST:

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TOD DRESSEL PRIVATE HOME
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	22853
EPA ID:	WAH000044630
NAICS:	814110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601896033
Business Type:	Private Household
Mail Name:	Tod Dressel
Mailing Address:	8419 Landing Ln
Mailing City,State,Zip:	Port Orchard, WA 98367
Legal Organization Name:	Not reported
Legal Organization Type:	Private
Legal Contact:	Tod Dressel
Legal Address:	8419 Landing Ln
Legal Address 2:	Not reported
Legal City,State,Zip:	Port Orchard, WA 98367
Legal Phone Number:	253-627-4773
Legal Effective Date:	12/09/2010
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Tod Dressel
Land Address:	8419 Landing Ln
Land City,State,Zip:	Port Orchard, WA 98367
Land Phone Number:	253-627-4773
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Tod Dressel
Operator Address:	8419 Landing Ln
Operator Address 2:	Not reported
Operator City,State,Zip:	Port Orchard, WA 98367
Operator Phone Number:	253-627-4773
Operator Effective Date:	12/09/2010
Site Contact:	Tim Mullin
Site Contact Address:	20818 44th Ave Wa Site 190
Contact City,State,Zip:	Lynnwood, WA 98036
Site Contact Phone Number:	425-563-5609
Site Contact Email:	tcmullin@craworld.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False

TOD DRESSEL PRIVATE HOME (Continued) **S111769901**

Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

H44 **TOD DRESSEL PRIVATE HOME** **RCRA NonGen / NLR** **1016977524**
SW **306 308 314 E 26TH STREET** **WAH000044630**
< 1/8 **TACOMA, WA 98421**
0.073 mi.
388 ft. **Site 4 of 6 in cluster H**

Relative:
Higher

Actual:
72 ft.

RCRA Listings:

Date Form Received by Agency:	2018-01-12 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Handler Address:	306 308 314 E 26TH STREET
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000044630
Contact Name:	TOD DRESSEL
Contact Address:	3711 147TH ST NW
Contact City,State,Zip:	GIG HARBOR, WA 98332
Contact Telephone:	253-732-2469
Contact Fax:	Not reported
Contact Email:	TDRESSEL@GMAIL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	8419 LANDING LN
Mailing City,State,Zip:	PORT ORCHARD, WA 98367
Owner Name:	DRESSEL, TOD
Owner Type:	Private
Operator Name:	TOD DRESSEL PRIVATE HOME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

TOD DRESSEL PRIVATE HOME (Continued) **1016977524**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-04-05 17:24:34.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOD DRESSEL PRIVATE HOME
Legal Status:	Private
Date Became Current:	2010-12-09 00:00:00.

TOD DRESSEL PRIVATE HOME (Continued) **1016977524**

Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRESSEL, TOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOD DRESSEL PRIVATE HOME
Legal Status:	Private
Date Became Current:	2010-12-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRESSEL, TOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOD DRESSEL PRIVATE HOME
Legal Status:	Private
Date Became Current:	2010-12-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

TOD DRESSEL PRIVATE HOME (Continued) **1016977524**

Owner/Operator Name:	DRESSEL, TOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRESSEL, TOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOD DRESSEL PRIVATE HOME
Legal Status:	Private
Date Became Current:	2010-12-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRESSEL, TOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOD DRESSEL PRIVATE HOME
Legal Status:	Private
Date Became Current:	2010-12-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TOD DRESSEL PRIVATE HOME (Continued) **1016977524**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DRESSEL, TOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOD DRESSEL PRIVATE HOME
Legal Status:	Private
Date Became Current:	2010-12-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8419 LANDING LN
Owner/Operator City,State,Zip:	PORT ORCHARD, WA 98367
Owner/Operator Telephone:	253-627-4773
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-01-12 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-01-22 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-05 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

TOD DRESSEL PRIVATE HOME (Continued) **1016977524**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-17 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-21 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-11 00:00:00.0
Handler Name:	TOD DRESSEL PRIVATE HOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	814110
NAICS Description:	PRIVATE HOUSEHOLDS

Facility Has Received Notices of Violation:

No Violations Found:

TOD DRESSEL PRIVATE HOME (Continued) **1016977524**

Evaluation Action Summary:

No Evaluations Found:

H45 **EDGE TECHNOLOGIES** **WA ALLSITES** **S109823890**
SW **314 E 26TH ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.073 mi.
388 ft. **Site 5 of 6 in cluster H**

Relative:
Higher

Actual:
72 ft.

ALLSITES:

Name:	EDGE TECHNOLOGIES
Facility Id:	21372

H46 **DRESSEL PROPERTY** **WA VCP** **S124433282**
SW **306 308 314 E 26TH STREET** **N/A**
< 1/8 **TACOMA, WA 98421**
0.073 mi.
388 ft. **Site 6 of 6 in cluster H**

Relative:
Higher

Actual:
72 ft.

VCP:

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Arsenic
Soil:	Not reported

Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Lead

DRESSEL PROPERTY (Continued) **S124433282**

Soil:	Remediated-Below
Name:	DRESSEL PROPERTY
Address:	306 308 314 E 26TH STREET
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	22853
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-07-26
Rank:	Not reported
Cleanup Siteid:	11844
Contaminant Name:	Mercury
Soil:	Not reported

I47 **ATLAS TRUCKING INC SPILL** **WA ALLSITES** **1005445338**
WNW **PUYALLUP AVE & D ST** **RCRA NonGen / NLR** **WAH000016071**
< 1/8 **TACOMA, WA 98421**
0.073 mi.
388 ft. **Site 4 of 7 in cluster I**

Relative:
Lower

Actual:
34 ft.

ALLSITES:

Name:	ATLAS TRUCKING INC SPILL
Facility Id:	32438185

RCRA Listings:

Date Form Received by Agency:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Handler Address:	PUYALLUP AVE & D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000016071
Contact Name:	ATLAS TRUCKING ATLAS TRUCKING
Contact Address:	P O BOX 214
Contact City,State,Zip:	PORT ANGELES, WA 98362
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	P O BOX 214
Mailing City,State,Zip:	PORT ANGELES, WA 98362
Owner Name:	TACOMA CITY T
Owner Type:	Private
Operator Name:	Not reported

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:18:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY T
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2711
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ATLAS TRUCKING INC SPILL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PUYALLUP AVE & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	2001-09-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-10-15 00:00:00.0

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-16 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-09-14 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-10-15 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported

ATLAS TRUCKING INC SPILL (Continued) **1005445338**

Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-01 00:00:00.0
Handler Name:	ATLAS TRUCKING INC SPILL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

L48 **RIGHT WAY LAUNDRY GEO GILBERT MGR** **EDR Hist Cleaner** **1014532543**
NNW **2330 SOUTH E** **N/A**
< 1/8 **TACOMA, WA**
0.077 mi.
408 ft. **Site 5 of 16 in cluster L**

Relative: EDR Hist Cleaner
Lower

Actual:
33 ft.

Year:	Name:	Type:
1921	RIGHT WAY LAUNDRY GEO GILBERT M	LAUNDRIES

L49 **LEGACY RENOVATIONS** **WA ALLSITES** **S109823906**
NNW **511 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.078 mi.
410 ft. **Site 6 of 16 in cluster L**

Relative: ALLSITES:
Lower

Actual:
32 ft.

Name:	LEGACY RENOVATIONS
Facility Id:	20621

M50 West < 1/8 0.078 mi. 414 ft. | **STONE PROPERTY TRANSIT SITE**
E 25TH & E C ST
TACOMA, WA 98421 | **WA VCP** | **S124434153**
N/A

Site 1 of 4 in cluster M

Relative: Lower

Actual: 50 ft.

VCP:

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Arsenic
Soil:	Confirmed Above Cleanup Levels

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3782573
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	3
Cleanup Siteid:	401
Contaminant Name:	Non-Halogenated Solvents

STONE PROPERTY TRANSIT SITE (Continued) **S124434153**

Soil: Below Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3782573
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 3
Cleanup Siteid: 401
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

M51 **STONE PROPERTY TRANSIT SITE** **WA HSL** **S107566016**
West **E 25TH & E C ST** **WA CSCSL** **N/A**
< 1/8 **TACOMA, WA 98421** **WA ALLSITES**
0.078 mi.
414 ft. **Site 2 of 4 in cluster M**

Relative:
Lower

Actual:
50 ft.

HSL:
Name: STONE PROPERTY TRANSIT SITE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 3782573
Rank: 3
Region: SW
EDR Link ID: 3782573

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	STONE PROPERTY TRANSIT SITE
Address:	E 25TH & E C ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3782573
Region:	Southwest
Lat/Long:	47.239278 / -122.430278
Clean Up Siteid:	401
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STONE PROPERTY TRANSIT SITE
Address: E 25TH & E C ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 3782573
Region: Southwest
Lat/Long: 47.239278 / -122.430278
Clean Up Siteid: 401
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

STONE PROPERTY TRANSIT SITE (Continued) **S107566016**

ALLSITES:
Name: STONE PROPERTY TRANSIT SITE
Facility Id: 3782573

L52 NNW < 1/8 0.083 mi. 439 ft. **STEVENS & VETTER GARAGE INC A J VETTER PRES TREAS** **EDR Hist Auto** **1014533360**
503 PUYALLUP AVE **N/A**
TACOMA, WA

Site 7 of 16 in cluster L

Relative: Lower
Actual: 31 ft.

EDR Hist Auto

Year:	Name:	Type:
1926	STEVENS & VETTER GARAGE INC A J	AUTOMOBILE GARAGES

L53 NNW < 1/8 0.083 mi. 440 ft. **501 05 TERMINAL MOTOR CO** **EDR Hist Auto** **1014534320**
501 PUYALLUP AVE **N/A**
TACOMA, WA

Site 8 of 16 in cluster L

Relative: Lower
Actual: 31 ft.

EDR Hist Auto

Year:	Name:	Type:
1936	STEVENS & VETTER GARAGE IN	AUTOMOBILE REPAIRING
1942	501 05 STEVENS & VETTER	AUTOMOBILE REPAIRING
1947	501 05 TERMINAL MOTOR CO	AUTOMOBILE REPAIRING

N54 NW < 1/8 0.086 mi. 455 ft. **SALVATION ARMY ARC** **WA UST** **U004226470**
409 PUYALLUP AVE **N/A**
TACOMA, WA 98421

Site 1 of 4 in cluster N

Relative: Lower
Actual: 32 ft.

UST:

Name:	SALVATION ARMY ARC
Address:	409 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	12432118
Site Id:	620192
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24038
Decimal Longitude:	-122.42873
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/13/2015
Tank Install Date:	Not reported
Tank Closure Date:	03/16/2015
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported

SALVATION ARMY ARC (Continued) **U004226470**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

N55 **SALVATION ARMY ARC** **RCRA NonGen / NLR** **1000660274**
NW **409 PUYALLUP AVE** **FINDS** **WAD988499570**
< 1/8 **TACOMA, WA 98421** **ECHO**
0.086 mi. **WA ASBESTOS**
455 ft. **Site 2 of 4 in cluster N**

Relative:
Lower

Actual:
32 ft.

RCRA Listings:

Date Form Received by Agency:	2002-02-15 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Handler Address:	409 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988499570
Contact Name:	SAMUEL SOUTHARD
Contact Address:	1000 4TH AVE S
Contact City,State,Zip:	SEATTLE, WA 98134
Contact Telephone:	206-587-0503
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1000 4TH AVE S
Mailing City,State,Zip:	SEATTLE, WA 98134
Owner Name:	SALVATION ARMY
Owner Type:	Private
Operator Name:	SALVATION ARMY ARC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

SALVATION ARMY ARC (Continued) **1000660274**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY S
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1316
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1000 4TH AVE S
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-587-0503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SALVATION ARMY OF CALIFORNIA CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30840 HAWTHORNE BLVD
Owner/Operator City,State,Zip:	RANCHO PALOS VERDES, CA 90275
Owner/Operator Telephone:	310-541-4721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

SALVATION ARMY ARC (Continued) **1000660274**

Owner/Operator Name:	SALVATION ARMY ARC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-14 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-17 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-15 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-26 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SALVATION ARMY ARC (Continued) **1000660274**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-12-08 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-07 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-17 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-14 00:00:00.0
Handler Name:	SALVATION ARMY ARC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45331
NAICS Description:	USED MERCHANDISE STORES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005370909

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660274
Registry ID:	110005370909
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005370909
Name:	SALVATION ARMY ARC
Address:	409 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

ASBESTOS:

Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial

SALVATION ARMY ARC (Continued) **1000660274**

Parent ID:	92554
Form ID:	94106##1511Rhine618470
Notice Date:	12/11/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-11 10:23:21
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94124##1511Rhine637394
Notice Date:	12/11/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1

SALVATION ARMY ARC (Continued) **1000660274**

Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-11 15:01:55
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94932##1511Rhine352717
Notice Date:	01/05/2015
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)

SALVATION ARMY ARC (Continued) **1000660274**

Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2015-01-05 14:36:39
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94677##1511Rhine440234
Notice Date:	12/29/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1

SALVATION ARMY ARC (Continued) **1000660274**

Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-29 07:58:17
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

SALVATION ARMY ARC (Continued) **1000660274**

Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	94628##1511Rhine445448
Notice Date:	12/24/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550

SALVATION ARMY ARC (Continued) **1000660274**

Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-24 11:19:19
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	92858##1511Rhine939310
Notice Date:	11/06/2014
Start Date:	11/10/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Mark Hamper
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1

SALVATION ARMY ARC (Continued) **1000660274**

Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-06 15:21:28
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Mark Hamper ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93152##1511Rhine496697
Notice Date:	11/14/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Eric Baunsgard

SALVATION ARMY ARC (Continued) **1000660274**

Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-14 13:31:48
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Eric Baunsgard ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	92554##1511Rhine677323
Notice Date:	10/30/2014
Start Date:	11/10/2014
Completion Date:	01/31/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Mark Hamper
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1

SALVATION ARMY ARC (Continued) **1000660274**

Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-10-30 15:15:40
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square

SALVATION ARMY ARC (Continued) **1000660274**

	Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Mark Hamper ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93639##1511Rhine640929
Notice Date:	11/26/2014
Start Date:	11/18/2014
Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-11-26 13:54:23
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	409 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	92554
Form ID:	93665##1511Rhine632967
Notice Date:	12/01/2014
Start Date:	11/18/2014

SALVATION ARMY ARC (Continued) **1000660274**

Completion Date:	01/31/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00am
Site Hours End:	3:30pm
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-537-5852
Job Site CAS:	Jess Denatale
Project Form Email:	wendyd@rhinedemolition.com
Property Owner Name:	Not reported
Property Owner Agent:	William Floyd of Korsmo
Property Owner Company:	Rhine Demolition LLC (ABCN00001511)
Property Owner Address:	811 West 7th Street, Suite 310
Property Owner City:	Los Angeles
Property Owner State:	WA
Property Owner Zip4:	90017
Property Owner Phone:	253-582-6712
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	25800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	1
Sq Ft Other:	1
Sq Ft Other Text:	magnesite flooring
Quantity Lin Ft:	4550
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

SALVATION ARMY ARC (Continued) **1000660274**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	1
Neg Pres Enclosure:	1
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	1
Other CM2 Text:	regulated area
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	The back addition of the building is being demolished but not the entire structure
Date Time Submitted:	2014-12-01 07:52:52
Submitter IP Address:	23.25.140.105
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation, Other Square Footage, Popcorn Ceiling, Roofing, Vinyl Asbestos Tile
Supervisor:	Jess Denatale ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

N56
NW
< 1/8
0.086 mi.
455 ft.

SALVATION ARMY ARC
409 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S121969872**
N/A

Site 3 of 4 in cluster N

Relative:
Lower

Actual:
32 ft.

ALLSITES:

Name:	SALVATION ARMY ARC
Facility Id:	12432118

L57
NNW
< 1/8
0.086 mi.
456 ft.

ALL TRANSMISSIONS PINE ST
505 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **1000134725**
RCRA NonGen / NLR **WAD122389281**
FINDS
ECHO

Site 9 of 16 in cluster L

Relative:
Lower

Actual:
30 ft.

ALLSITES:

Name:	ALL TRANSMISSIONS PINE ST
Facility Id:	71491862

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

RCRA Listings:

Date Form Received by Agency:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Handler Address:	505 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD122389281
Contact Name:	ALL TRANSMISSIO ALL TRANSMISSIO
Contact Address:	505 PUYALLUP AVE
Contact City,State,Zip:	TACOMA, WA 98421-1318
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	505 PUYALLUP AVE
Mailing City,State,Zip:	TACOMA, WA 98421-1318
Owner Name:	ALL TRANSMISSIO A
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIONS PINE ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIONS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL TRANSMISSIONS PINE ST
Legal Status:	Private
Date Became Current:	Not reported

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL TRANSMISSIO A
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1318
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL TRANSMISSIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	505 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1318
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1987-03-17 00:00:00.0
Handler Name:	ALL TRANSMISSIONS PINE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

ALL TRANSMISSIONS PINE ST (Continued) **1000134725**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2001-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005331293

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000134725
Registry ID:	110005331293
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005331293
Name:	ALL TRANSMISSIONS PINE ST
Address:	505 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

L58 NNW < 1/8 0.086 mi. 456 ft. — **STEVENS & VETTER**, **505 PUYALLUP AVE**, **TACOMA, WA** — **EDR Hist Auto** — **1014534112** / **N/A**

Site 10 of 16 in cluster L

Relative: Lower

Actual: 30 ft.

EDR Hist Auto

Year:	Name:	Type:
1931	STEVENS & VETTER	AUTOMOBILE GARAGES
1942	501 05 STEVENS & VETTER	AUTOMOBILE REPAIRING
1947	501 05 TERMINAL MOTOR CO	AUTOMOBILE REPAIRING
1982	ALBRITE PAINTING & COLLISION	Not reported
1983	ALBRITE PAINTING & COLLISION	Not reported
1985	ALBRITE PAINTING & COLLISION	Not reported
1985	ALL TRANSMISSIONS	General Automotive Repair Shops
1986	ALL TRANSMISSIONS	General Automotive Repair Shops
1986	ALL TRANSMISSION	Automotive Repair Shops, NEC
1986	ALBRITE PAINTING & COLLISION	Not reported
1987	ALL TRANSMISSIONS	General Automotive Repair Shops

I59 WNW < 1/8 0.089 mi. 470 ft. — **BAILEY A J AUTO REPR**, **312 PUYALLUP AVE**, **TACOMA, WA** — **EDR Hist Auto** — **1014533911** / **N/A**

Site 5 of 7 in cluster I

Relative: Lower

Actual: 36 ft.

EDR Hist Auto

Year:	Name:	Type:
1936	BAILEY A J AUTO REPR	AUTOMOBILE REPAIRING

I60 WNW < 1/8 0.092 mi. 486 ft. — **DANFORDS SERV GAS STA**, **302 PUYALLUP AVE**, **TACOMA, WA** — **EDR Hist Auto** — **1014534341** / **N/A**

Site 6 of 7 in cluster I

Relative: Lower

Actual: 36 ft.

EDR Hist Auto

Year:	Name:	Type:
1931	CLAYS CORNER GAS AND	GASOLINE AND OIL SERVICE STATIONS
1936	UNION SERVICE STATIONS	GASOLINE AND OIL SERVICE STATIONS
1947	BROWNLES SERVICE	GASOLINE AND OIL SERVICE STATIONS
1953	DANFORDS SERV GAS STA	GASOLINE STATIONS
1958	DANFORDS SERV GAS STA	GASOLINE STATIONS
1963	DANFORDS SERV GAS	GASOLINE STATIONS
1965	DANFORDS UNION OIL	GASOLINE STATIONS

O61 East < 1/8 0.095 mi. 500 ft. | **SOUND TRANSIT TACOMA LINK OPS**
802 E 25TH ST
TACOMA, WA 98421

WA ALLSITES
WA MANIFEST
WA NPDES

S109552463
N/A

Site 1 of 2 in cluster O

Relative: Lower

Actual: 19 ft.

ALLSITES:

Name:	SOUND TRANSIT 25TH ST
Facility Id:	5117180

WA MANIFEST:

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	(206)398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	(206)398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	(206)398-5000
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA LINK OPS
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	5117180
EPA ID:	WAH000049999
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D005,D006,D007,D008,D035
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Light rail ops and mainte
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98134
Legal Phone Number:	206-398-5000
Legal Effective Date:	01/01/1999
Land Organization Name:	Sound Transit

SOUND TRANSIT TACOMA LINK OPS (Continued) **S109552463**

Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-398-5000
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-398-5000
Operator Effective Date:	Not reported
Site Contact:	Bria Knowles
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-398-5033
Site Contact Email:	bria.knowles@soundtransit.org
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NPDES:

Name:	SOUND TRANSIT TACOMA OMF
Address:	802 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	10/01/2018
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	CNE044003
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	09/30/2023
Effective Date:	10/01/2018
Days to Expiration:	-1174

O62 East < 1/8 0.095 mi. 500 ft. | **SOUND TRANSIT TACOMA LINK OPS**
802 E 25TH ST
TACOMA, WA 98421

RCRA NonGen / NLR | **1018282531**
WAH000049999

Site 2 of 2 in cluster O

Relative: Lower

Actual: 19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-01 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Handler Address:	802 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000049999
Contact Name:	BRIA KNOWLES
Contact Address:	401 S JACKSON ST
Contact City,State,Zip:	SEATTLE, WA 98134
Contact Telephone:	206-398-5033
Contact Fax:	Not reported
Contact Email:	BRIA.KNOWLES@SOUNDTRANSIT.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	District
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	401 S JACKSON ST
Mailing City,State,Zip:	SEATTLE, WA 98134
Owner Name:	SOUND TRANSIT
Owner Type:	District
Operator Name:	SOUND TRANSIT
Operator Type:	District
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT TACOMA LINK OPS
Legal Status:	Private
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	1999-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	206-398-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-12-02 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-27 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-28 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-01 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA LINK OPS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	485112
NAICS Description:	COMMUTER RAIL SYSTEMS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Applicability
Date Violation was Determined:	2016-08-16 00:00:00.0
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-09-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State

SOUND TRANSIT TACOMA LINK OPS (Continued) **1018282531**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2016-10-26 00:00:00.0
Scheduled Compliance Date:	2016-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

63
ESE
< 1/8
0.096 mi.
505 ft.

PUGET SOUND METAL
2607 EAST G ST
TACOMA, WA 98421

WA ALLSITES **1011975226**
FINDS **N/A**

Relative:
Lower

Actual:
18 ft.

ALLSITES:
Name: PUGET SOUND METAL
Facility Id: 9147902

FINDS:
Registry ID: 110038118658

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

PUGET SOUND METAL (Continued) **1011975226**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

L64 NNW < 1/8 0.096 mi. 508 ft. **CLEVINGER TRUCK SERVICE**
423 PUYALLUP AVE
TACOMA, WA 98421
Site 11 of 16 in cluster L

WA HSL **U003354664**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES

Relative: Lower
Actual: 30 ft.

HSL:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	3291385
Rank:	2
Region:	SW
EDR Link ID:	3291385
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Region:	Southwest
Lat/Long:	47.24103795074 / -122.428393606
Clean Up Siteid:	5316
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	CLEVINGER TRUCK SERVICE
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Region:	Southwest
Lat/Long:	47.24103795074 / -122.428393606
Clean Up Siteid:	5316

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385
Region: Southwest
Lat/Long: 47.24103795074 / -122.428393606
Clean Up Siteid: 5316
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 3291385
Region: Southwest
Lat/Long: 47.24103795074 / -122.428393606
Clean Up Siteid: 5316
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: CLEVINGER TRUCK SERVICE
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Responsible Unit: Southwest

LUST:

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3291385
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5316
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CLEVINGER TRUCK SERVICE
Response Section:	Southwest
Release Date:	03/01/2007
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	6267
UST ID:	4874
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2410379 / -122.42839

UST:

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	3291385
Site Id:	4874
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24103795074
Decimal Longitude:	-122.428393606

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1961
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1961
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1968
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1974
Tank Closure Date:	07/29/2008
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	7
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CLEVINGER TRUCK SERVICE
Address:	423 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	8
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1956
Tank Closure Date:	01/01/1990
Capacity Range:	Not reported

CLEVINGER TRUCK SERVICE (Continued) **U003354664**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	INDUSTRIAL TIRE SERVICE ITS
Facility Id:	3291385

L65 **AMANOZIO T LNDY** **EDR Hist Cleaner** **1014532277**
NNW **423 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA**
0.096 mi.
508 ft. **Site 12 of 16 in cluster L**

Relative: EDR Hist Cleaner
Lower

Actual:
30 ft.

Year:	Name:	Type:
1921	AMANOZIO T LNDY	LAUNDRIES
1921	TOMITA AMANOZIO LNDY	LAUNDRIES

L66 **INDUSTRIAL TIRE SERVICE ITS** **WA VCP** **S124433874**
NNW **423 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.096 mi.
508 ft. **Site 13 of 16 in cluster L**

Relative: VCP:
Lower

Actual:
30 ft.

Name:	INDUSTRIAL TIRE SERVICE ITS
Address:	423 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	3291385
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported

INDUSTRIAL TIRE SERVICE ITS (Continued) **S124433874**

Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Non-Halogenated Solvents
Soil: Confirmed Above Cleanup Levels

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: INDUSTRIAL TIRE SERVICE ITS
Address: 423 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 3291385
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 5316
Contaminant Name: Petroleum-Gasoline

INDUSTRIAL TIRE SERVICE ITS (Continued) **S124433874**

Soil: Confirmed Above Cleanup Levels

L67 **CLEVINGERS TRUCK SERVICE GAS STA** **EDR Hist Auto** **1014533227**
NNW **423 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.096 mi.
508 ft. **Site 14 of 16 in cluster L**

Relative: EDR Hist Auto
Lower

Actual:
30 ft.

Year:	Name:	Type:
1942	CLEVINGER TIRE SUPPLY	GASOLINE AND OIL SERVICE STATIONS
1947	CLEVINGER TIRE SUPPLY GAS	GASOLINE AND OIL SERVICE STATIONS
1953	CLEVINGER TRUCK SERV GAS STA	GASOLINE STATIONS
1958	CLEVINGERS TRUCK SERV GAS STA	GASOLINE STATIONS
1963	CLEVINGERS TRUCK SERV GAS STA	GASOLINE STATIONS
1965	CLEVINGERS TRUCK SERVICE	GASOLINE STATIONS
1969	CLEVINGERS TRUCK STOP	Gasoline Service Stations
1970	CLEVINGERS TRUCK SERVICE GAS ST	GASOLINE STATIONS
1970	CLEVINGERS TRUCK STOP	Gasoline Service Stations
1971	CLEVINGERS TRUCK STOP	Gasoline Service Stations
1972	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1973	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1974	CLEVINGERS TRUCK SERVICE GAS ST	GASOLINE STATIONS
1974	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1976	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1977	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1978	CLEVINGERS TRUCK SERVICE GAS ST	GASOLINE STATIONS
1978	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1979	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1980	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1982	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1983	CLEVINGERS TRUCK SERVICE GAS ST	GASOLINE STATIONS
1983	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1985	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1986	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1987	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1988	CLEVINGERS TRUCK SERVICE GAS ST	GASOLINE STATIONS
1988	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1989	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1990	CLEVINGERS TRUCK SERVICE	Gasoline Service Stations
1993	INDUSTRIAL TIRE SERVICE DIESEL	AUTOMOBILE REPAIRING & SERVICE

L68 **JOHNSON STONE COUNTERTOP** **WA ALLSITES** **S109824363**
North **523 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.097 mi.
510 ft. **Site 15 of 16 in cluster L**

Relative: ALLSITES:
Lower
Name: JOHNSON STONE COUNTERTOP
Facility Id: 11685

Actual:
23 ft.

L69 North < 1/8 0.097 mi. 510 ft. | **SOUTH SOUND RADIATOR**
509 PUYALLUP AVE
TACOMA, WA 98421 | **WA HSL**
WA CSCSL
WA ALLSITES | **S108277197**
N/A

Site 16 of 16 in cluster L

Relative: Lower

Actual: 25 ft.

HSL:

Name:	SOUTH SOUND RADIATOR
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	8785404
Rank:	2
Region:	SW
EDR Link ID:	8785404
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SOUTH SOUND RADIATOR
Address:	509 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8785404
Region:	Southwest
Lat/Long:	47.241018008096 / -122.4275156571
Clean Up Siteid:	3600
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUTH SOUND RADIATOR
Address:	509 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8785404
Region:	Southwest
Lat/Long:	47.241018008096 / -122.4275156571
Clean Up Siteid:	3600
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

SOUTH SOUND RADIATOR (Continued) **S108277197**

Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SOUTH SOUND RADIATOR
Facility Id:	8785404

I70 **TACOMA BIKE** **WA ALLSITES** **S109824525**
WNW **309 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.100 mi.
526 ft. **Site 7 of 7 in cluster I**

Relative:
Lower
Actual:
30 ft.

ALLSITES:

Name:	TACOMA BIKE
Facility Id:	21699

M71 **FRONTIER TRANSPORTATION COMPANY** **WA UST** **U003354507**
West **217 EAST 25TH ST** **WA ALLSITES** **N/A**
< 1/8 **TACOMA, WA 98421**
0.105 mi.
557 ft. **Site 3 of 4 in cluster M**

Relative:
Lower
Actual:
50 ft.

UST:

Name:	FRONTIER TRANSPORTATION COMPANY
Address:	217 EAST 25TH ST
City:	TACOMA
Zip:	98421
Facility ID:	27655611
Site Id:	4378
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238971
Decimal Longitude:	-122.432534
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

FRONTIER TRANSPORTATION COMPANY (Continued) **U003354507**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FRONTIER TRANSPORTATION COMPANY
Address:	217 EAST 25TH ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	FRONTIER TRANSPORTATION COMPANY
Facility Id:	27655611

M72 **GOLDEN LINE RECYCLING CORP** **WA ALLSITES** **S109553102**
West **217 E 25TH ST** **N/A**
< 1/8 **TACOMA, WA 98421**
0.105 mi.
557 ft. **Site 4 of 4 in cluster M**

Relative:
Lower

Actual:
50 ft.

ALLSITES:

Name:	GOLDEN LINE RECYCLING CORP
Facility Id:	610068

P73 **GONZALES MOTORS** **WA LUST** **U003354350**
WNW **301 PUYALLUP AVE** **WA UST** **N/A**
< 1/8 **TACOMA, WA 98421** **WA ICR**
0.108 mi. **WA ALLSITES**
568 ft. **Site 1 of 5 in cluster P** **WA CSCSL NFA**

Relative:
Lower

Actual:
28 ft.

LUST:

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266

GONZALES MOTORS (Continued) **U003354350**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	91599266
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11037
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/02/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4374
UST ID:	400398
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24064 / -122.43074

UST:

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	91599266
Site Id:	400398
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24064
Decimal Longitude:	-122.43074

Tank Name:	1

GONZALES MOTORS (Continued) **U003354350**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

GONZALES MOTORS (Continued) **U003354350**

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/11/1996
Tank Install Date:	01/01/1940
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	03/17/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-49
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	12/04/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-42
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

GONZALES MOTORS (Continued) **U003354350**

Name: ART THE STUDIO
Facility Id: 2285826

Name: GONZALES MOTORS
Facility Id: 91599266

CSCSL NFA:
Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24064
Longitude: -122.43074

Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.24064
Longitude: -122.43074

Name: GONZALES MOTORS
Address: 301 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 91599266
CS Id: 11037
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest

GONZALES MOTORS (Continued) **U003354350**

Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24064
Longitude:	-122.43074

Name:	GONZALES MOTORS
Address:	301 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	91599266
CS Id:	11037
NFA Date:	08/29/2012
Alternate Site Names:	Not reported
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24064
Longitude:	-122.43074

P74 **GONZALEZ MOTORS MOTORCYCLE SLS & REPR** **EDR Hist Auto** **1014534641**
WNW **301 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.108 mi.
568 ft. **Site 2 of 5 in cluster P**

Relative: EDR Hist Auto
Lower
Actual:
28 ft.

Year:	Name:	Type:
1931	GREEN SEAL SERV STA	GASOLINE AND OIL SERVICE STATIONS
1936	GREEN SEAL SERV STA	GASOLINE AND OIL SERVICE STATIONS
1974	GONZALEZ MOTORS MOTORCYCLE SLS	MOTORCYCLE DEALERS AND REPAIRERS
1978	GONZALEZ MOTORS MOTORCYCLE SLS	MOTORCYCLE DEALERS AND REPAIRERS
1983	GONZALEZ MOTORS MOTORCYCLE SLS	MOTORCYCLE DEALERS AND REPAIRERS
1988	GONZALEZ MOTORS MOTORCYCLE SIS	MOTORCYCLE DEALERS AND REPAIRERS

P75 **STAR TOURS** **WA ALLSITES** **S109824563**
WNW **224 PUYALLUP AVE** **N/A**
< 1/8 **TACOMA, WA 98421**
0.110 mi.
580 ft. **Site 3 of 5 in cluster P**

Relative: ALLSITES:
Lower

Name:	STAR TOURS
Facility Id:	7722

Actual:
35 ft.

Q76 NNW < 1/8 0.111 mi. 584 ft. — **PACIFIC CHARTER SCHOOL**, **2300 EAST E ST**, **TACOMA, WA 98421** — **WA UST** — **U004248548** / **N/A**

Site 1 of 2 in cluster Q

Relative: Lower
Actual: 26 ft.

UST:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City:	TACOMA
Zip:	98421
Facility ID:	1893
Site Id:	620249
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2413193691787
Decimal Longitude:	-122.428379009514
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/21/2015
Tank Install Date:	Not reported
Tank Closure Date:	10/28/2015
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Q77 NNW < 1/8 0.111 mi. 584 ft. — **PACIFIC CHARTER SCHOOL**, **2300 EAST E ST**, **TACOMA, WA 98421** — **WA LUST**, **WA ALLSITES**, **WA CSCSL NFA** — **S121969951** / **N/A**

Site 2 of 2 in cluster Q

Relative: Lower
Actual: 26 ft.

LUST:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1893
Lust Status Type:	LUST - NFA
Cleanup Site ID:	14981
Cleanup Unit Type:	Not reported
Process Type:	Not reported

PACIFIC CHARTER SCHOOL (Continued) **S121969951**

Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/22/2015
Lust Date:	05/20/2019
Region:	Southwest
Lust ID:	8097
UST ID:	620249
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2413193 / -122.42837

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1893
Lust Status Type:	LUST - NFA
Cleanup Site ID:	14981
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	10/22/2015
Lust Date:	05/20/2019
Region:	Southwest
Lust ID:	8097
UST ID:	620249
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2413193 / -122.42837

ALLSITES:

Name:	PACIFIC CHARTER SCHOOL
Facility Id:	1893

CSCSL NFA:

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1893
CS Id:	14981
NFA Date:	05/20/2019
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene

PACIFIC CHARTER SCHOOL (Continued) **S121969951**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241319369
Longitude:	-122.42837901

Name:	PACIFIC CHARTER SCHOOL
Address:	2300 EAST E ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1893
CS Id:	14981
NFA Date:	05/20/2019
Alternate Site Names:	Not reported
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.241319369
Longitude:	-122.42837901

78
WSW
< 1/8
0.115 mi.
609 ft.

AT&T WIRELESS TACOMA DOME
222 E 26TH ST
TACOMA, WA 98421

WA ALLSITES
FINDS

1007728272
N/A

Relative:
Higher

Actual:
70 ft.

ALLSITES:

Name:	AT&T WIRELESS TACOMA DOME
Facility Id:	1248033

FINDS:

Registry ID: 110018849353

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

N79	**INDUSTRIAL RUBBER & SUPPLY TACOMA**	**WA ALLSITES**	**1004793951**
NW	**2307 E D ST**	**RCRA NonGen / NLR**	**WAD988475208**
< 1/8	**TACOMA, WA 98421**	**FINDS**	
0.123 mi.		**ECHO**	
647 ft.	**Site 4 of 4 in cluster N**		

Relative:
Lower

Actual:
24 ft.

ALLSITES:

Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Facility Id:	7529359

RCRA Listings:

Date Form Received by Agency:	2002-02-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Handler Address:	2307 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988475208
Contact Name:	RICK STEFFENSEN
Contact Address:	2105 E 51ST
Contact City,State,Zip:	FIFE, WA 98445
Contact Telephone:	253-922-1148
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2105 E 51ST AVE E
Mailing City,State,Zip:	FIFE, WA 98424
Owner Name:	SECURITY CAPITOL
Owner Type:	Private
Operator Name:	STEFFENSEN, RICK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 16:45:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK S

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Legal Status:	Private
Date Became Current:	1996-08-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1402
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIAL RUBBER SUPPLY TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEFFENSEN, RICK
Legal Status:	Private

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITO S
Legal Status:	Private
Date Became Current:	1997-05-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SECURITY CAPITOL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2307 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-05 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-29 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-12 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-12-31 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-16 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-21 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	315299
NAICS Description:	ALL OTHER CUT AND SEW APPAREL MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005354213

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

INDUSTRIAL RUBBER & SUPPLY TACOMA (Continued) **1004793951**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793951
Registry ID:	110005354213
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005354213
Name:	INDUSTRIAL RUBBER & SUPPLY TACOMA
Address:	2307 E D ST
City,State,Zip:	TACOMA, WA 98421

R80 **TNT REDDAWAY TRUCK LINE INC** **WA ALLSITES** **1000133229**
East **801 E 26TH** **RCRA NonGen / NLR** **WAD180073900**
< 1/8 **TACOMA, WA 98421** **FINDS**
0.123 mi. **ECHO**
652 ft. **Site 1 of 3 in cluster R**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	TNT REDDAWAY TRUCK LINE INC
Facility Id:	64849946

RCRA Listings:

Date Form Received by Agency:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Handler Address:	801 E 26TH
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD180073900
Contact Name:	TNT REDDAWAY TR TNT REDDAWAY TR
Contact Address:	PO BOX 1035
Contact City,State,Zip:	CLACKAMAS, OR 97015-1035
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1035
Mailing City,State,Zip:	CLACKAMAS, OR 97015-1035
Owner Name:	TNT REDDAWAY TR T
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TNT REDDAWAY TRUCK LINE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2109

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TNT REDDAWAY TR T
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	801 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2109
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1989-12-28 00:00:00.0
Handler Name:	TNT REDDAWAY TRUCK LINE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TNT REDDAWAY TRUCK LINE INC (Continued) **1000133229**

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005333228

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000133229
Registry ID: 110005333228
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005333228
Name: TNT REDDAWAY TRUCK LINE INC
Address: 801 E 26TH
City,State,Zip: TACOMA, WA 98421

81
North
1/8-1/4
0.126 mi.
664 ft.

BNSF TACOMA FUELING FACILITY **WA HSL** **S108021688**
1001 PUYALLUP AVE **WA CSCSL** **N/A**
TACOMA, WA 98421 **WA ALLSITES**

Relative:
Lower

Actual:
22 ft.

HSL:
Name: BNSF TACOMA FUELING FACILITY
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List

BNSF TACOMA FUELING FACILITY (Continued) **S108021688**

Facility Status: Awaiting Cleanup
FSID Number: 7981609
Rank: 5
Region: SW
EDR Link ID: 7981609
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:

Name: BNSF TACOMA FUELING FACILITY
Address: 1001 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 7981609
Region: Southwest
Lat/Long: 47.242278 / -122.426528
Clean Up Siteid: 1634
Site Status: Awaiting Cleanup
Contaminant Name: Benzene
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNSF TACOMA FUELING FACILITY
Address: 1001 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 7981609
Region: Southwest
Lat/Long: 47.242278 / -122.426528
Clean Up Siteid: 1634
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNSF TACOMA FUELING FACILITY
Address: 1001 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 7981609
Region: Southwest

BNSF TACOMA FUELING FACILITY (Continued) **S108021688**

Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF TACOMA FUELING FACILITY
Address:	1001 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	7981609
Region:	Southwest
Lat/Long:	47.242278 / -122.426528
Clean Up Siteid:	1634
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF TACOMA FUELING FACILITY
Facility Id:	7981609

S82 **STORAGE BOX THE** **WA ALLSITES** **S109824199**
West **216 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.130 mi.
685 ft. **Site 1 of 2 in cluster S**

Relative:
Lower

Actual:
32 ft.

ALLSITES:

Name:	STORAGE BOX THE
Facility Id:	21558

P83
WNW
1/8-1/4
0.130 mi.
689 ft.

EVERGREEN EQUIPMENT COMPANY
221 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES **S109823939**
N/A

Site 4 of 5 in cluster P

Relative:
Lower

Actual:
25 ft.

ALLSITES:
Name: EVERGREEN EQUIPMENT COMPANY
Facility Id: 4475

P84
WNW
1/8-1/4
0.130 mi.
689 ft.

MCLEANS AUTO REPAIR
221 1/2 PUYALLUP AVE E
TACOMA, WA 98421

WA ALLSITES **1011917780**
FINDS **N/A**

Site 5 of 5 in cluster P

Relative:
Lower

Actual:
25 ft.

ALLSITES:
Name: MCLEANS AUTO REPAIR
Facility Id: 9218743

FINDS:
Registry ID: 110037371457

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

R85
East
1/8-1/4
0.131 mi.
694 ft.

CARAUSTAR
808 E 26TH ST
TACOMA, WA 98421

RCRA-VSQG **1018282550**
WAH000050232

Site 2 of 3 in cluster R

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-05 00:00:00.0
Handler Name:	CARAUSTAR
Handler Address:	808 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000050232
Contact Name:	MIKE TRUSSELL
Contact Address:	808 E 26TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-627-1197
Contact Fax:	Not reported
Contact Email:	MIKE.TRUSSELL@CARAUSTAR.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported

CARAUSTAR (Continued) **1018282550**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	808 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	CARAUSTAR INDUSTRIES INC
Owner Type:	Private
Operator Name:	CARAUSTAR TACOMA PAPERBOARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

CARAUSTAR (Continued) **1018282550**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 ANSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	ANSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.

CARAUSTAR (Continued) **1018282550**

Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 ANSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	ANSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR TACOMA PAPERBOARD
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	808 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-627-1197
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

CARAUSTAR (Continued) **1018282550**

Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARAUSTAR INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARAUSTAR
Legal Status:	Private
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5000 AUSTELL POWDER SPRINGS RD
Owner/Operator City,State,Zip:	AUSTELL, GA 30106
Owner/Operator Telephone:	770-948-3101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

CARAUSTAR (Continued) **1018282550**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	2016-01-27 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-23 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-10-04 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-14 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-02-18 00:00:00.0
Handler Name:	CARAUSTAR

CARAUSTAR (Continued) **1018282550**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-05 00:00:00.0
Handler Name:	CARAUSTAR
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322130
NAICS Description:	PAPERBOARD MILLS

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

CARAUSTAR (Continued) **1018282550**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0

CARAUSTAR (Continued) **1018282550**

Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

CARAUSTAR (Continued) **1018282550**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2016-09-28 00:00:00.0
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2016-12-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALSB
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0

CARAUSTAR (Continued) **1018282550**

Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2017-01-18 00:00:00.0
Scheduled Compliance Date:	2017-01-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

R86 **CARAUSTAR** **WA SWF/LF** **S118344775**
East **808 E 26TH ST** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA ASBESTOS**
0.131 mi. **WA MANIFEST**
694 ft. **Site 3 of 3 in cluster R**

Relative:
Lower

Actual:
19 ft.

SWF/LF:

Name:	CARAUSTAR TACOMA PAPERBOARD
Address:	808 EAST 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3313
Region:	STATE
Permit Status:	Exempt
Contact Organization:	Caraustar Tacoma Paperboard
Contact Address1:	808 East 26th St
Contact Address2:	Not reported
Contact City:	Tacoma
Contact State:	WA
Contact Postal:	98421
Contact EMail:	mike.trussell@caraustar.com
Contact Phone:	(253) 502-5720
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-627-1197
Operator Name:	Not reported
Operator Organization:	Caraustar Tacoma Paperboard
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Recycling (non-regulated)
Contact Name:	Mike Trussell
Contact Title:	Plant Process Engineer
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:

Name:	CARAUSTAR
Facility Id:	1685

ASBESTOS:

Name:	Not reported
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	141946#190038735
Notice Date:	09/17/2019
Start Date:	05/20/2019
Completion Date:	09/19/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported

CARAUSTAR (Continued) **S118344775**

Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	TACOMA ABATEMENT CO LLC (TACOMA) (ABCN00001532)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported

CARAUSTAR (Continued) **S118344775**

Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Air cell Pipe Insulation
Supervisor:	Matthew Ware (ABAS00030943) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	141946#190038735
Notice Date:	05/08/2019
Start Date:	05/20/2019
Completion Date:	05/23/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported

CARAUSTAR (Continued) **S118344775**

Property Owner Company:	TACOMA ABATEMENT CO LLC (TACOMA) (ABCN00001532)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported

CARAUSTAR (Continued) **S118344775**

Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603144219
Notice type:	Initial
Project Type:	Air cell Pipe Insulation
Supervisor:	Matthew Ware (ABAS00030943) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/12/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported

CARAUSTAR (Continued) **S118344775**

Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET

CARAUSTAR (Continued) **S118344775**

City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/09/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported

CARAUSTAR (Continued) **S118344775**

Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/09/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported

CARAUSTAR (Continued) **S118344775**

Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported

CARAUSTAR (Continued) **S118344775**

Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	808 EAST 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	152368#1291223788
Notice Date:	12/05/2019
Start Date:	12/05/2019
Completion Date:	12/04/2020
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	PERFORMANCE ABATEMENT SRVC INC (LENEXA) (ABCN00001016)
Property Owner Address:	Not reported
Property Owner City:	Not reported

CARAUSTAR (Continued) **S118344775**

Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported

CARAUSTAR (Continued) **S118344775**

Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601018806
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	ERIK FULWILER (ABAS00021633) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

WA MANIFEST:

Name:		CARAUSTAR
Address:		808 E 26TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		1685
EPA ID:		WAH000050232
NAICS:		322130
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Ste 300
Tax Reg #:		602231398
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		808 E 26th St
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Caraustar Industries Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		5000 Austell Powder Springs Rd
Legal Address 2:		Ste 300
Legal City,State,Zip:		Austell, GA 30106
Legal Phone Number:		(770)948-3101
Legal Effective Date:		01/01/2002
Land Organization Name:		Caraustar Industries Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		5000 Austell Powder Springs Rd
Land City,State,Zip:		Austell, GA 30106

CARAUSTAR (Continued) **S118344775**

Land Phone Number:	(770)948-3101
Operator Organization Name:	Caraustar Tacoma Paperboard
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	808 E 26th St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)627-1197
Operator Effective Date:	01/01/2002
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		CARAUSTAR
Address:		808 E 26TH ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		1685
EPA ID:		WAH000050232
NAICS:		322130
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False

CARAUSTAR (Continued) **S118344775**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Ste 300
Tax Reg #:	602231398
Business Type:	Paperboard Mill
Mail Name:	Caraustar Tacoma Paperboard
Mailing Address:	808 E 26th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Caraustar Industries Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5000 Austell Powder Springs Rd
Legal Address 2:	Ste 300
Legal City,State,Zip:	Austell, GA 30106
Legal Phone Number:	(770)948-3101
Legal Effective Date:	01/01/2002
Land Organization Name:	Caraustar Industries Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	5000 Austell Powder Springs Rd
Land City,State,Zip:	Austell, GA 30106
Land Phone Number:	(770)948-3101
Operator Organization Name:	Caraustar Tacoma Paperboard
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	808 E 26th St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)627-1197
Operator Effective Date:	01/01/2002
Site Contact:	Mark Lindstrom
Site Contact Address:	808 E 26th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)627-1197
Site Contact Email:	mark.lindstrom@caraustar.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	CARAUSTAR
Address:	808 E 26TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported

CARAUSTAR (Continued) **S118344775**

Facility ID:		1685
EPA ID:		WAH000050232
NAICS:		322130
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Ste 300
Tax Reg #:		602231398
Business Type:		Paperboard Mill
Mail Name:		Caraustar Tacoma Paperboard
Mailing Address:		808 E 26th St
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Caraustar Industries Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		5000 Austell Powder Springs Rd
Legal Address 2:		Ste 300
Legal City,State,Zip:		Austell, GA 30106
Legal Phone Number:		(770)948-3101
Legal Effective Date:		01/01/2002
Land Organization Name:		Caraustar Industries Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		5000 Austell Powder Springs Rd
Land City,State,Zip:		Austell, GA 30106
Land Phone Number:		(770)948-3101
Operator Organization Name:		Caraustar Tacoma Paperboard
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		808 E 26th St
Operator Address 2:		Not reported
Operator City,State,Zip:		Tacoma, WA 98421
Operator Phone Number:		(253)627-1197
Operator Effective Date:		01/01/2002
Site Contact:		Mark Lindstrom
Site Contact Address:		808 E 26th St
Contact City,State,Zip:		Tacoma, WA 98421
Site Contact Phone Number:		(253)627-1197
Site Contact Email:		mark.lindstrom@caraustar.com
Gen Status Code:		SQG

CARAUSTAR (Continued) **S118344775**

Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

T87 **SUPERIOR CARTAGE OF WASHINGTON INC** **WA ALLSITES** **S109010840**
ENE **805 PUYALLUP AVE** **WA SPILLS** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.139 mi.
736 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Facility Id:	4291751

SPILLS:

Name:	NELSON PETROLEUM
Address:	805 PUYALLUP AVE
City,State,Zip:	TACOMA, WA
Facility ID:	604065
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	20
Material Units:	GALLON
Date Received:	02/29/2008
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

T88 ENE 1/8-1/4 0.139 mi. 736 ft. | **SUPERIOR CARTAGE OF WASHINGTON INC**
805 PUYALLUP AVE
TACOMA, WA 98421

Site 2 of 2 in cluster T

WA UST | **U003354609**
N/A

Relative: Lower

Actual: 19 ft.

UST:

Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Address:	805 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	4291751
Site Id:	4666
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.240871
Decimal Longitude:	-122.423934
Tank Name:	#1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SUPERIOR CARTAGE OF WASHINGTON INC
Address:	805 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Tank Name:	#2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

SUPERIOR CARTAGE OF WASHINGTON INC (Continued) **U003354609**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

S89 **CITY OF TACOMA - DOCK STREET EDUCTOR DECANT FACILI** **WA SWF/LF** **S108107829**
WNW **201 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.144 mi.
759 ft. **Site 2 of 2 in cluster S**

Relative:
Lower

Actual:
25 ft.

SWF/LF:

Name:	CITY OF TACOMA - DOCK STREET EDUCTOR DECANT FACILITY
Address:	201 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1112
Region:	STATE
Permit Status:	Permitted
Contact Organization:	City of Tacoma
Contact Address1:	747 Market Street
Contact Address2:	Room 744
Contact City:	Tacoma
Contact State:	WA
Contact Postal:	98402
Contact EMail:	mlewis@ci.tacoma.wa.us
Contact Phone:	(253) 502-2169
Contact Phone Ext:	Not reported
Permit No:	27-725
Phone:	253-502-2149
Operator Name:	Not reported
Operator Organization:	City of Tacoma
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PUBLIC
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Mark Lewis
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.240921
Longitude:	-122.433114

U90 ESE 1/8-1/4 0.158 mi. 832 ft. | **SMURFIT STONE CONTAINER CORP**
817 E 27TH ST
TACOMA, WA 98421
Site 1 of 2 in cluster U | **WA HSL, WA CSCSL, WA ALLSITES, WA NPDES** | **S107566012**
N/A

Relative: Lower
Actual: 19 ft.

HSL:

Name:	SMURFIT STONE CONTAINER CORP
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	17167958
Rank:	5
Region:	SW
EDR Link ID:	17167958
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SMURFIT STONE CONTAINER CORP
Address:	817 E 27TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	17167958
Region:	Southwest
Lat/Long:	47.2376 / -122.42568
Clean Up Siteid:	4529
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	CARAUSTAR MILL GROUP INC.,JEFFERSON SMURFIT AKA CONTAINER COR,JEFFERSON SMURFIT CORP TACOMA
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SMURFIT STONE CONTAINER CORP
Facility Id:	17167958

NPDES:

Name:	TACOMA PAPERBOARD EAST 26TH STREET
Address:	817 E 27TH ST -
City,State,Zip:	TACOMA, WA 98421-1908
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019

SMURFIT STONE CONTAINER CORP (Continued) **S107566012**

Latitude:	47.2376
Longitude:	-122.42568
Permit ID:	WAR011523
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

U91 **SMURFIT STONE CONTAINER CORP** **WA VCP** **S124432841**
ESE **817 E 27TH ST** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.158 mi.
832 ft. **Site 2 of 2 in cluster U**

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	SMURFIT STONE CONTAINER CORP
Address:	817 E 27TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	17167958
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	5
Cleanup Siteid:	4529
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Suspected

V92 **PLYTAC** **WA ALLSITES** **1011932227**
ENE **801 E 25TH** **FINDS** **N/A**
1/8-1/4 **TACOMA, WA 98401**
0.166 mi.
876 ft. **Site 1 of 6 in cluster V**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	PLYTAC
Facility Id:	8091750

FINDS:

Registry ID: 110037547447

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each

PLYTAC (Continued) **1011932227**

facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

V93 East 1/8-1/4 0.166 mi. 877 ft. | **TACOMA TRESTLE TRACK & SIGNAL PROJECT** | **WA CSCSL** | **S123248437**
824 E 25TH STREET | **WA ALLSITES** | **N/A**
TACOMA, WA 98421 | **WA ASBESTOS**

Site 2 of 6 in cluster V

Relative: Lower
Actual: 19 ft.

CSCSL:

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name: TACOMA TRESTLE TRACK & SIGNAL PROJECT

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8199
Region:	Southwest
Lat/Long:	47.240049300547 / -122.4216639405
Clean Up Siteid:	14992
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA TRESTLE TRACK & SIGNAL PROJECT
Facility Id:	8199

ASBESTOS:

Name:	Not reported
Address:	824 E 25TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	131127#1539491407
Notice Date:	10/04/2018
Start Date:	10/15/2018

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Completion Date:	11/21/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	DICKSON COMPANY (TACOMA) (ABCN00001008)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

TACOMA TRESTLE TRACK & SIGNAL PROJECT (Continued) **S123248437**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278045472
Notice type:	Initial
Project Type:	Roofing
Supervisor:	Jacob Kuhnel (ABAS00035391) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

W94 West 1/8-1/4 0.180 mi. 950 ft. **TACOMA SPUR** **SEMS** **1000334234**
24TH S AND EAST A (I-705) **WAD980835789**
TACOMA, WA 98402

Site 1 of 4 in cluster W

Relative: Lower

Actual: 43 ft.

SEMS:

Site ID:	1001025
EPA ID:	WAD980835789
Name:	TACOMA SPUR
Address:	24TH S AND EAST A (I-705)
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98402
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1001025

TACOMA SPUR (Continued) **1000334234**

EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1984-02-01 05:00:00
Finish Date:	2/1/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-11-28 05:00:00
Finish Date:	11/28/1988 5:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1001025
EPA ID:	WAD980835789
Site Name:	TACOMA SPUR
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-08-30 05:00:00
Finish Date:	9/1/1984 5:00:00 AM
Qual:	H
Current Action Lead:	St Perf

V95 **MENDEZ PROPERTY** **WA VCP** **S124435106**
ENE **910 PUYALLUP AVE** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.182 mi.
960 ft. **Site 3 of 6 in cluster V**

Relative:
Lower

Actual:
19 ft.

VCP:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported

MENDEZ PROPERTY (Continued) **S124435106**

Facility ID:	59632952
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6355
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	59632952
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6355
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

V96 **MENDEZ PROPERTY** **WA CSCSL** **U003604945**
ENE **910 PUYALLUP AVE** **WA LUST** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA UST**
0.182 mi. **WA ICR**
960 ft. **Site 4 of 6 in cluster V** **WA ALLSITES**

Relative:
Lower

Actual:
19 ft.

CSCSL:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Region:	Southwest
Lat/Long:	47.241175469734 / -122.4214483617
Clean Up Siteid:	6355
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	MORK INVESTMENT PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

MENDEZ PROPERTY (Continued) **U003604945**

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Region:	Southwest
Lat/Long:	47.241175469734 / -122.4214483617
Clean Up Siteid:	6355
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	MORK INVESTMENT PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6355
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	MORK INVESTMENT PROPERTY
Response Section:	Southwest
Release Date:	02/06/1998
Lust Date:	05/21/2003
Region:	Southwest
Lust ID:	5319
UST ID:	502682
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2411754 / -122.42144

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	59632952
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6355
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	MORK INVESTMENT PROPERTY
Response Section:	Southwest

MENDEZ PROPERTY (Continued) **U003604945**

Release Date:	02/06/1998
Lust Date:	05/21/2003
Region:	Southwest
Lust ID:	5319
UST ID:	502682
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2411754 / -122.42144

UST:

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	59632952
Site Id:	502682
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2411754697342
Decimal Longitude:	-122.421448361763

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

MENDEZ PROPERTY (Continued) **U003604945**

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

MENDEZ PROPERTY (Continued) **U003604945**

Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

MENDEZ PROPERTY (Continued) **U003604945**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MENDEZ PROPERTY
Address:	910 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	02/06/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/27/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank

MENDEZ PROPERTY (Continued) **U003604945**

Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-29
County Code: 27
Contact: Not reported
Report Title: Independent Remedial Action Report

ALLSITES:
Name: MENDEZ PROPERTY
Facility Id: 59632952

X97 **NEW TACOMA BOX CO** **WA ALLSITES** **S110040424**
East **921 E 26TH ST** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.188 mi.
993 ft. **Site 1 of 2 in cluster X**

Relative:
Lower

Actual:
19 ft.

ALLSITES:
Name: NEW TACOMA BOX CO
Facility Id: 13283

W98 **NW FURNITURE BANK** **WA SWRCY** **S125716137**
WNW **117 PUYALLUP AVE TACOMA** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.189 mi.
999 ft. **Site 2 of 4 in cluster W**

Relative:
Lower

Actual:
28 ft.

SWRCY:
Name: NW FURNITURE BANK
Address: 117 PUYALLUP AVE TACOMA
City,State,Zip: TACOMA, WA 98421
Phone: 253-302-3868 x101
Website: https://www.nwfurniturebank.org/mattress-recycling
Material Accepted: Mattresses
Type: Residential
Service Type: Dropoff
Hours: Mon-Sat, 9am-4pm
Comments: Not reported
Material Category: Home & Garden
Organization ID: 1646
Organization Name: NW Furniture Bank
Organization Contact: No Longer Tracked
Organization Email: No Longer Tracked
E-Cycle: No
Light Recycle: No

Name: NW FURNITURE BANK
Address: 117 PUYALLUP AVE TACOMA
City,State,Zip: TACOMA, WA 98421
Phone: 253-302-3868 x101
Website: https://www.nwfurniturebank.org/mattress-recycling
Material Accepted: Mattresses
Type: Residential
Service Type: Pickup
Hours: Mon-Sat, 9am-4pm
Comments: Not reported

NW FURNITURE BANK (Continued) **S125716137**

Material Category:	Home & Garden
Organization ID:	1646
Organization Name:	NW Furniture Bank
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

Y99 **DOCK ST STATION** **WA UST** **U003354970**
WNW **2301 E B ST** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.192 mi.
1013 ft. **Site 1 of 3 in cluster Y**

Relative:
Lower

Actual:
18 ft.

UST:

Name:	DOCK ST STATION
Address:	2301 E B ST
City:	TACOMA
Zip:	98421
Facility ID:	13182788
Site Id:	6072
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.240921
Decimal Longitude:	-122.433114
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1959
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Y100 WNW 1/8-1/4 0.192 mi. 1013 ft. | **DOCK STREET STATION 2301 E B ST TACOMA, WA 98421** | **WA ALLSITES FINDS ECHO WA MANIFEST** | **1007075807 N/A**

Site 2 of 3 in cluster Y

Relative: Lower

Actual: 18 ft.

ALLSITES:
Name: TACOMA CITY EDUCTOR WASTE DECANT FACILIT
Facility Id: 13182788

FINDS:
Registry ID: 110015524565

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1007075807
Registry ID: 110015524565
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110015524565
Name: DOCK STREET STATION
Address: 2301 E B ST
City,State,Zip: TACOMA, WA 98421

WA MANIFEST:
Name: DOCK STREET STATION
Address: 2301 E B ST
City,State,Zip: TACOMA, WA 98421
Facility Address 2: Not reported
Facility ID: 13182788
EPA ID: WAH000028820
NAICS: 22132
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: FALSE
Mailing Address 2: Not reported
Treatment by Generator: FALSE
Mixed Radioactive Waste: FALSE
Importer of Hazardous Waste: FALSE
Immediate Recycler: FALSE

DOCK STREET STATION (Continued) **1007075807**

Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Sewage Treatment
Mail Name:	CITY OF TACOMA
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Legal Organization Name:	CITY OF TACOMA
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	253-591-5535
Legal Effective Date:	Not reported
Land Organization Name:	CITY OF TACOMA
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 MARKET ST
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	253-591-5535
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	KEN G TROSS
Operator Address:	2201 PORTLAND AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	253-502-2147
Operator Effective Date:	Not reported
Site Contact:	KEN G TROSS
Site Contact Address:	2201 PORTLAND AVE
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253-502-2147
Site Contact Email:	ktross@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE

DOCK STREET STATION (Continued) **1007075807**

Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	DOCK STREET STATION
Address:	2301 E B ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13182788
EPA ID:	WAH000028820
NAICS:	22132
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Sewage Treatment
Mail Name:	CITY OF TACOMA
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Legal Organization Name:	CITY OF TACOMA
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 MARKET ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	253-591-5535
Legal Effective Date:	Not reported
Land Organization Name:	CITY OF TACOMA
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 MARKET ST
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	253-591-5535
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	KEN G TROSS
Operator Address:	2201 PORTLAND AVE
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421

DOCK STREET STATION (Continued) **1007075807**

Operator Phone Number:	253-502-2147
Operator Effective Date:	Not reported
Site Contact:	KEN G TROSS
Site Contact Address:	2201 PORTLAND AVE
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	253-502-2147
Site Contact Email:	ktross@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Y101 **DOCK STREET STATION** **RCRA NonGen / NLR** **1010338877**
WNW **2301 E B ST** **WAH000028820**
1/8-1/4 **TACOMA, WA 98421**
0.192 mi.
1013 ft. **Site 3 of 3 in cluster Y**

Relative:
Lower

Actual:
18 ft.

RCRA Listings:

Date Form Received by Agency:	2008-02-01 00:00:00.0
Handler Name:	DOCK STREET STATION
Handler Address:	2301 E B ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000028820
Contact Name:	ANDREW TORRES
Contact Address:	3510 S MULLEN ST
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-593-7728
Contact Fax:	Not reported
Contact Email:	ATORRES@CITYOFTACOMA.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	CITY OF TACOMA
Owner Type:	Private
Operator Name:	TROSS, KEN G

DOCK STREET STATION (Continued) **1010338877**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 16:45:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

DOCK STREET STATION (Continued) **1010338877**

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TROSS, KEN G
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2147
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TROSS, KEN G
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2147
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

DOCK STREET STATION (Continued) **1010338877**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN T
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2147
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Private
Date Became Current:	2007-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	2007-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

DOCK STREET STATION (Continued) **1010338877**

Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TROSS, KEN G
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-502-2147
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	2006-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN TROSS
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	Not reported

DOCK STREET STATION (Continued) **1010338877**

Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA C
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2007-03-01 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

DOCK STREET STATION (Continued) **1010338877**

Receive Date:	2008-01-31 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-01 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-28 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-01 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-31 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DOCK STREET STATION (Continued) **1010338877**

Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	DOCK STREET STATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22132
NAICS Description:	SEWAGE TREATMENT FACILITIES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

Z102 **BRLF-06: AMERICAN PLATING** **US BROWNFIELDS FINDS** **1023619239**
NW **2130 EAST D STREET** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.194 mi.
1023 ft. **Site 1 of 5 in cluster Z**

Relative:
Lower

Actual:
16 ft.

US BROWNFIELDS:

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Tacoma, City of
Grant Type:	Assessment
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

	built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	86601
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55
Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	527000
Cleanup Funding Source:	TIF Bond
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Assessment Funding Entity:	-
Cleanup Funding Entity:	Local Funding
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
Latitude:	47.24255
Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	200000
Cleanup Funding Source:	Washington Department of Commerce
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	Brownfields RLF Program Income Subgranted
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
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Meidan Income:	11672
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Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

Name:	BRLF-06: AMERICAN PLATING
Address:	2130 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Recipient Name:	Washington Department of Commerce
Grant Type:	BCRLF
Property Number:	8950001761
Parcel size:	1.72
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Longitude:	-122.4305531
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Approximately half an acre was turned into a linear park. The remaining portion of the property is pending development of a boat house. Thea-Foss Development Authority is currently working with a citizen's group to raise the funds to build the boathouse. Once built, it will promote canoeing and kayaking on Commencement Bay. Updated 10-22-2015: FWDA will begin public planning for the conversion of the entire site to a park late this fall. Pierce Assessor records shows the property is leased to BIL-JAX Scaffolding

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

	business.
Datum:	North American Datum of 1983
Acres Property ID:	14353
IC Data Access:	-
Start Date:	7/1/2011
Redev Completition Date:	-
Completed Date:	11/30/2011
Acres Cleaned Up:	1.72
Cleanup Funding:	300000
Cleanup Funding Source:	Ecology Remedial Action Grant
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	419000
Redev. Funding Source:	-
Redev. Funding Entity Name:	Private/Other Funding
Redevelopment Start Date:	6/24/2015
Assessment Funding Entity:	-
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97067501
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	Foss Waterway Development Authority
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	N
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	12/30/2003
State/tribal program ID:	1202
State/tribal NFA date:	12/22/2011
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	10
Past use greenspace acreage:	1.5
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	1.72
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Y
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Y
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-

BRLF-06: AMERICAN PLATING (Continued) **1023619239**

Property Description:	Prior to 1955, the site was used for boat building. From 1955 to 1986 it was a plating factory. They specialized in polished copper, nickel and bright chrome finishes. The facility was operation from 1976 to 1986 when operations ceased and the business filed for bankruptcy. The City of Tacoma acquired the property in the late 1980s. In 2002 the buildings on the property was demolished and removed from the site. The site sat vacant ever since.
Below Poverty Number:	119
Below Poverty Percent:	13.48
Meidan Income:	11672
Meidan Income Number:	227
Meidan Income Percent:	25.71
Vacant Housing Number:	175
Vacant Housing Percent:	24.51
Unemployed Number:	49
Unemployed Percent:	5.55

FINDS:
Registry ID: 110070068588

Click Here:

Environmental Interest/Information System:
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Z103 **BERG SCAFFOLDING CO** **WA UST** **U004051479**
NW **2130 E D ST** **WA ALLSITES** **N/A**
1/8-1/4 **TACOMA, WA 98421** **WA NPDES**
0.194 mi.
1023 ft. **Site 2 of 5 in cluster Z**

Relative:
Lower
Actual:
16 ft.

UST:

Name:	BERG SCAFFOLDING CO
Address:	2130 E D ST
City:	TACOMA
Zip:	98421
Facility ID:	8525915
Site Id:	619221
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.243009
Decimal Longitude:	-122.430162
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/17/2006
Tank Install Date:	Not reported
Tank Closure Date:	09/11/2006
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported

BERG SCAFFOLDING CO (Continued) **U004051479**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BERG SCAFFOLDING CO
Facility Id:	8525915

NPDES:

Name:	BERG SCAFFOLDING
Address:	2130 EAST D ST -
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24300900
Longitude:	-122.430162
Permit ID:	WAR011734
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

W104 **KIEWIT PACIFIC CO TACOMA** **WA UST** **1000437043**
West **132 PUYALLUP AVE** **WA ALLSITES** **WAD988466892**
1/8-1/4 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.199 mi. **FINDS**
1053 ft. **Site 3 of 4 in cluster W** **ECHO**

Relative:
Lower

Actual:
48 ft.

UST:

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	95452652
Site Id:	8370
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23996
Decimal Longitude:	-122.43318

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	KIEWIT PACIFIC CO
Address:	132 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	KIEWIT PACIFIC CO TACOMA
Facility Id:	95452652

RCRA Listings:

Date Form Received by Agency:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Handler Address:	132 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988466892
Contact Name:	KIEWIT PACIFIC KIEWIT PACIFIC
Contact Address:	2200 COLUMBIA HOUSE BLVD
Contact City,State,Zip:	VANCOUVER, WA 98661
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2200 COLUMBIA HOUSE BLVD
Mailing City,State,Zip:	VANCOUVER, WA 98661
Owner Name:	KIEWIT PACIFIC K
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:23:01.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIEWIT PACIFIC CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1112
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC CO TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC K
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1112
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIEWIT PACIFIC CO TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KIEWIT PACIFIC CO
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	132 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Historic Generators:

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-11-23 00:00:00.0
Handler Name:	KIEWIT PACIFIC CO TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23731
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID:	110005349373

KIEWIT PACIFIC CO TACOMA (Continued) **1000437043**

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000437043
Registry ID:	110005349373
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005349373
Name:	KIEWIT PACIFIC CO TACOMA
Address:	132 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

Z105 **AMERICAN PLATING** **CORRACTS** **1000360944**
NW **2110 E D ST** **WA INST CONTROL** **WAD083350231**
1/8-1/4 **TACOMA, WA 98421** **WA BROWNFIELDS**
0.200 mi. **WA ALLSITES**
1055 ft. **Site 3 of 5 in cluster Z** **WA CSCSL NFA**
RCRA NonGen / NLR
Relative: **RAATS**
Lower **ICIS**
Actual: **FINDS**
16 ft. **ECHO**
WA MANIFEST

CORRACTS:

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA010
Actual Date:	1994-06-01 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA050RF
Actual Date:	1994-07-21 00:00:00.0
Air Release Indicator:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA075ME
Actual Date: 1991-09-04 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA210OT
Actual Date: 1995-09-30 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA225IN
Actual Date: 1991-12-18 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA210OT
Actual Date: 1997-07-01 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: AMERICAN PLATING
Address: 2110 E D ST
Address 2: Not reported
Area Name: ENTIRE FACILITY
Corrective Action: CA725IN
Actual Date: 1997-09-11 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported

AMERICAN PLATING (Continued) **1000360944**

Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA750IN
Actual Date:	1997-09-11 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA075HI
Actual Date:	1992-05-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
Address 2:	Not reported
Area Name:	ENTIRE FACILITY
Corrective Action:	CA225YE
Actual Date:	1994-07-21 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Click this hyperlink while viewing on your computer to access additional CORRACTS: detail in the EDR Site Report.

INST CONTROL:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1202
Latitude:	47.24325117
Longitude:	-122.43075582
Instrument Type:	Environmental Covenant
NFA Date:	06/30/2015
County Filing # For Individual IC Doc:	N/A
Filing Date Of Individual IC Doc:	11/04/2003
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False

AMERICAN PLATING (Continued) **1000360944**

Tax Parcel Number:	8950001761
Control Active:	True
CS ID:	2539
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1202
Latitude:	47.24325117
Longitude:	-122.43075582
Instrument Type:	Environmental Covenant
NFA Date:	06/30/2015
County Filing # For Individual IC Doc:	2.0141028036e+011
Filing Date Of Individual IC Doc:	10/28/2014
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001761
Control Active:	True
CS ID:	2539
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

AMERICAN PLATING (Continued) **1000360944**

BROWNFIELDS:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facilty ID:	1202
Rank:	2
Cleanup Site Id:	2539
Facility Status:	NFA
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	1.75
Contaminant Type:	Halogenated Organics
Public Funding Amt:	$80,000.00
Habitat Restoration:	False
Latitude:	47.243251170107
Longitude:	-122.430755820429
Ground Water:	Remediated-Below
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facilty ID:	1202
Rank:	2
Cleanup Site Id:	2539
Facility Status:	NFA
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	1.75
Contaminant Type:	Metals Priority Pollutants
Public Funding Amt:	$80,000.00
Habitat Restoration:	False
Latitude:	47.243251170107
Longitude:	-122.430755820429
Ground Water:	Remediated-Above
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported

ALLSITES:

Name:	AMERICAN PLATING
Facility Id:	1202

CSCSL NFA:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1202
CS Id:	2539
NFA Date:	06/30/2015

AMERICAN PLATING (Continued) **1000360944**

Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Halogenated Organics
Ground Water:	Remediated-Below
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Latitude:	47.24325117
Longitude:	-122.43075582

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1202
CS Id:	2539
NFA Date:	06/30/2015
Alternate Site Names:	Not reported
NFA Reason:	NFA-Ecology Supervised/Conducted Cleanup
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated-Above
Surface Water:	Below Cleanup Levels
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Below Cleanup Levels
Bedrock:	Not reported
Latitude:	47.24325117
Longitude:	-122.43075582

RCRA Listings:

Date Form Received by Agency:	2014-01-08 00:00:00.0
Handler Name:	AMERICAN PLATING
Handler Address:	2110 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD083350231
Contact Name:	MARV COLEMAN
Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-407-6259
Contact Fax:	Not reported
Contact Email:	MCOL461@ECY.WA.GOV
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 47775

AMERICAN PLATING (Continued) **1000360944**

Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Owner Type:	Private
Operator Name:	COLEMAN, MARV
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:38:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

AMERICAN PLATING (Continued) **1000360944**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: AMERICAN PLATING
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2110 E D ST
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WA ECY
Legal Status: Private
Date Became Current: 2003-06-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 47775
Owner/Operator City,State,Zip: OLYMPIA, WA 98504
Owner/Operator Telephone: 360-407-6259
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WA ECY
Legal Status: Private
Date Became Current: 2003-06-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 47775
Owner/Operator City,State,Zip: OLYMPIA, WA 98504
Owner/Operator Telephone: 360-407-6259
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARV COLEMAN
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN PLATING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2110 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA ECY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOSS WATERWAY DEVELOPMENT AUTHORITY
Legal Status:	Private
Date Became Current:	2011-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	535 DOCK STREET, SUITE 204
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-597-8122
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLEMAN, MARV
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	360-407-6259
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

AMERICAN PLATING (Continued) **1000360944**

Owner/Operator Name:	WA ECY
Legal Status:	State
Date Became Current:	2003-06-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 47775
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-16 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-11-15 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-06-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

AMERICAN PLATING (Continued) **1000360944**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-21 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1988-06-27 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Electronic Manifest Broker:	Not reported
Receive Date:	2003-06-03 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-19 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-20 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-28 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator

AMERICAN PLATING (Continued) **1000360944**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-18 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-11-15 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AMERICAN PLATING (Continued) **1000360944**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-16 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-26 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-07 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	AMERICAN PLATING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-13 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-05-11 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-03-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1984-03-13 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-04-15 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-03-29 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

AMERICAN PLATING (Continued) **1000360944**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	011
Date of Enforcement Action:	1987-09-30 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-28 00:00:00.0
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1988-02-09 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	13500
Final Monetary Amount:	13500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	13500

AMERICAN PLATING (Continued) **1000360944**

Evaluation Action Summary:

Evaluation Date:	1994-06-30 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAWDA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

AMERICAN PLATING (Continued) **1000360944**

Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-01-19 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1984-05-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1984-03-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1984-04-15 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0MLB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-05-01 00:00:00.0
Scheduled Compliance Date:	1989-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-02-08 00:00:00.0

AMERICAN PLATING (Continued) **1000360944**

Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-03-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1988-02-08 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1989-02-12 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R0MLB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-07-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0TCP
Evaluation Responsible Sub-Organization:	WM
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1985-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Former Citation:	Not reported
Evaluation Date:	1987-01-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAWDA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R0WDA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RAATS:

Entry No:	1
Facility ID:	WAD083350231

AMERICAN PLATING (Continued) **1000360944**

Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	13,500.00
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 3010
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 40 CFR PART 270
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

AMERICAN PLATING (Continued) **1000360944**

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 4 40 CFR PART 265 (SUBPART G)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 5 40 CFR PART 265 (SUBPART F)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 6 40 CFR PART 265 (SUBPART H)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00

AMERICAN PLATING (Continued) **1000360944**

Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 7 265.73
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 8 265.15
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 9 265.14
Total No Cited: Not reported

AMERICAN PLATING (Continued) **1000360944**

Reg Type: CFR
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 1 3005
Total No Cited: Not reported
Reg Type: Federal
Prop. Penalty: 13,500.00
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 2 3010
Total No Cited: Not reported
Reg Type: Federal
Prop. Penalty: *
Final Penalty: 5,000.00
Total Prop. Penalty: 13,500.00
Comments: ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No: 1
Facility ID: WAD083350231
Type: Not reported
Docket No: 1087-09-07-3008
Region: 10
Issue Date: 02/09/1988
Final Date: 09/30/1987
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2782
Action: 3008 (A)

AMERICAN PLATING (Continued) **1000360944**

Violation No:	Not reported
Viol No Cited:	3 40 CFR PART 270
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	4 40 CFR PART 265 (SUBPART G)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	5 40 CFR PART 265 (SUBPART F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order

AMERICAN PLATING (Continued) **1000360944**

Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	6 40 CFR PART 265 (SUBPART H)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	7 265.73
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10
Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	8 265.15
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

Entry No:	1
Facility ID:	WAD083350231
Type:	Not reported
Docket No:	1087-09-07-3008
Region:	10

AMERICAN PLATING (Continued) **1000360944**

Issue Date:	02/09/1988
Final Date:	09/30/1987
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2782
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	9 265.14
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	5,000.00
Total Prop. Penalty:	13,500.00
Comments:	ALSO CITED: LEWIS R.JONES SR. & MICHAEL RIVISTO & JAMES BARNES.

ICIS:

Enforcement Action ID:	10-1998-0104
FRS ID:	110000620524
Action Name:	AMERICAN PLATING COMPANY AKA LEWIS R. JONES
Facility Name:	AMERICAN PLATING
Facility Address:	2110 E D ST TACOMA, WA 984211403
Enforcement Action Type:	RCRA 3008A AO For Comp And/Or Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	3008A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.243236
Longitude in Decimal Degrees:	-122.430065
Permit Type Desc:	Not reported
Program System Acronym:	11509
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	AMERICAN PLATING
Address:	2110 E D ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	AMERICAN PLATING
Address:	2110 E D ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	AMERICAN PLATING
Address:	2110 E D ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Facility Name: AMERICAN PLATING
Address: 2110 E D ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110000620524

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000360944
Registry ID: 110000620524
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000620524
Name: AMERICAN PLATING
Address: 2110 E D ST

AMERICAN PLATING (Continued) **1000360944**

City,State,Zip: TACOMA, WA 98421

WA MANIFEST:

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421-1403
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259

AMERICAN PLATING (Continued) **1000360944**

Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504

AMERICAN PLATING (Continued) **1000360944**

Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False

AMERICAN PLATING (Continued) **1000360944**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	Foss Waterway Development Authority
Legal Organization Type:	Municipal
Legal Contact:	Su Dowie
Legal Address:	535 Dock Street, Suite 204
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-597-8122
Legal Effective Date:	11/15/2011
Land Organization Name:	Foss Waterway Development Authority
Land Organization Type:	Municipal
Land Contact:	Su Dowie
Land Address:	535 Dock Street, Suite 204
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-597-8122
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

AMERICAN PLATING (Continued) **1000360944**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported

AMERICAN PLATING (Continued) **1000360944**

Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

AMERICAN PLATING (Continued) **1000360944**

LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231

AMERICAN PLATING (Continued) **1000360944**

NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Generated waste in 2008 but will ship in 2009.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY
Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False

AMERICAN PLATING (Continued) **1000360944**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PLATING
Address:	2110 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	1202
EPA ID:	WAD083350231
NAICS:	332813
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Site clean up through TCP
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	N/A
Business Type:	Not reported
Mail Name:	WA ECY
Mailing Address:	PO BOX 47775
Mailing City,State,Zip:	OLYMPIA, WA 98504
Legal Organization Name:	WA ECY
Legal Organization Type:	State
Legal Contact:	Marv Coleman
Legal Address:	PO BOX 47775
Legal Address 2:	Not reported
Legal City,State,Zip:	OLYMPIA, WA 98504
Legal Phone Number:	3604076259
Legal Effective Date:	06/03/2003
Land Organization Name:	WA ECY

AMERICAN PLATING (Continued) **1000360944**

Land Organization Type:	State
Land Contact:	Marv Coleman
Land Address:	PO BOX 47775
Land City,State,Zip:	OLYMPIA, WA 98504
Land Phone Number:	3604076259
Operator Organization Name:	Not reported
Operator Organization Type:	State
Operator:	Marv Coleman
Operator Address:	PO BOX 47775
Operator Address 2:	Not reported
Operator City,State,Zip:	OLYMPIA, WA 98504
Operator Phone Number:	3604076259
Operator Effective Date:	06/03/2003
Site Contact:	Marv Coleman
Site Contact Address:	PO BOX 47775
Contact City,State,Zip:	OLYMPIA, WA 98504
Site Contact Phone Number:	3604076259
Site Contact Email:	mcol461@ecy.wa.gov
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Z106 **AMERICAN PLATING CO INC** **SEMS-ARCHIVE** **1015737257**
NW **2110 EAST D ST** **WAD083350231**
1/8-1/4 **TACOMA, WA 98421**
0.200 mi.
1055 ft. **Site 4 of 5 in cluster Z**

Relative:
Lower

Actual:
16 ft.

SEMS Archive:

Site ID:	1000796
EPA ID:	WAD083350231
Name:	AMERICAN PLATING CO INC
Address:	2110 EAST D ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98421
Cong District:	06
FIPS Code:	53053
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	10
Site ID:	1000796

AMERICAN PLATING CO INC (Continued) **1015737257**

EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2001-11-19 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-03-11 05:00:00
Finish Date:	1981-03-11 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1986-03-13 05:00:00
Finish Date:	1986-03-13 05:00:00
Qual:	D
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000796
EPA ID:	WAD083350231
Site Name:	AMERICAN PLATING CO INC
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-12-20 06:00:00
Finish Date:	1985-03-05 06:00:00
Qual:	H
Current Action Lead:	St Perf

AA107	**BROWN & HALEY INC FACTORY SITE TACOMA**	**WA ALLSITES**	**1004613541**
WSW	**110 E 26TH ST**	**RCRA NonGen / NLR**	**WAD043450014**
1/8-1/4	**TACOMA, WA 98421**	**FINDS**	
0.200 mi.		**ECHO**	
1058 ft.	**Site 1 of 4 in cluster AA**	**WA ASBESTOS**	

Relative:
Higher

Actual:
69 ft.

ALLSITES:

Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Facility Id:	66127836

RCRA Listings:

Date Form Received by Agency:	2005-04-21 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Handler Address:	110 E 26TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD043450014
Contact Name:	LESLIE DIX JR
Contact Address:	110 E 26TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-620-3054
Contact Fax:	Not reported
Contact Email:	LESDIX@BROWN-HALEY.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	110 E 26TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	BROWN HALEY INC
Owner Type:	Private
Operator Name:	BROWN HALEY INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:34:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY I B
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1596
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
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Legal Status:	Private
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401-1596
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Name:	BROWN & HALEY I B
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
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Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
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Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
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Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN & HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-3301
Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	110 E 26TH ST

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
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Owner/Operator Name:	BROWN HALEY INC
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BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E 11TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
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Owner/Operator Email:	Not reported

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Owner/Operator Telephone:	253-620-3035
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC FACTORY SITE TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1596
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BROWN HALEY INC
Legal Status:	Private
Date Became Current:	1996-08-15 00:00:00.
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Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-620-3077
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-21 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-28 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-02 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-03 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-25 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-14 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-27 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	31133
NAICS Description:	CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Registry ID: 110005320161

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
OSHA ESTABLISHMENT
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110070345555

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004613541
Registry ID:	110005320161
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005320161
Name:	BROWN & HALEY INC FACTORY SITE TACOMA
Address:	110 E 26TH ST
City,State,Zip:	TACOMA, WA 98421

ASBESTOS:

Name:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Address:	110 E 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	55899##1365Assur381947
Notice Date:	01/06/2012
Start Date:	01/07/2012
Completion Date:	01/07/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Assured Quality Environmental, (ABCN00001365)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602215666
Notice type:	Emergency
Project Type:	Other linear footage
Supervisor:	Gonzo Sanchez ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	110 EAST 26TH ST
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	57614##1365Assur425326
Notice Date:	03/16/2012
Start Date:	03/26/2012
Completion Date:	03/26/2012
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Assured Quality Environmental, (ABCN00001365)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602215666
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation, Other linear footage
Supervisor:	Gonzo Sanchez ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	96191
Form ID:	96656##1022FSGSS811720
Notice Date:	02/18/2015
Start Date:	02/17/2015
Completion Date:	02/17/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Comments:	Project completed 2-17-15
Date Time Submitted:	2015-02-18 08:43:20
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant
Parent ID:	96191
Form ID:	96657##1022FSGSS811720
Notice Date:	02/18/2015
Start Date:	02/17/2015
Completion Date:	02/17/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project completed 2-17-15
Date Time Submitted:	2015-02-18 08:43:39
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E. 26TH ST. 3RD & 4TH FLOORS
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Manufacturing Plant

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Parent ID:	0
Form ID:	96191##1022FSGSS980631
Notice Date:	02/05/2015
Start Date:	02/17/2015
Completion Date:	02/27/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-548-1011
Job Site CAS:	Bill Budz
Project Form Email:	wanda@fsandgs.com
Property Owner Name:	Brown & Haley
Property Owner Agent:	Dave McCarter
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	110 E. 26th St.
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-620-3088
Job Site Room:	3rd & 4th Floors
Facility Age:	1920
Facility Size:	72,050
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	150
Mag Pipe Insulation:	1
Air Cell Pipe Insulation:	1
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Mudded Pipe Insulation:	1
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	1
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	1
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-02-05 10:36:38
Submitter IP Address:	173.200.245.66
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Mag/mudded pipe Insulation
Supervisor:	Bill Budz ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 E 26TH STREET
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137793#1965987615
Notice Date:	02/13/2019
Start Date:	02/13/2019
Completion Date:	02/14/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Emergency
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Vladislav Lazarov (2019022524A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 EAST 26TH ST.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	124633#2009573008
Notice Date:	06/18/2018
Start Date:	06/04/2018
Completion Date:	06/22/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Other Square Footage
Supervisor:	Forrest Hamilton (2019032875A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	110 EAST 26TH ST.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	124633#2009573008
Notice Date:	05/22/2018
Start Date:	06/04/2018
Completion Date:	06/29/2018
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	NORTHWEST ABATEMENT SERVICES I (LAKEWOOD) (ABCN00001177)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported

BROWN & HALEY INC FACTORY SITE TACOMA (Continued) **1004613541**

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	601580291
Notice type:	Initial
Project Type:	Air cell Pipe Insulation, Other Square Footage
Supervisor:	Forrest Hamilton (2019032875A)
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Z108 **PICKERING INDUSTRIES INC** **WA UST** **1000269492**
NW **2102 E D ST** **WA ICR** **WAD044596476**
1/8-1/4 **TACOMA, WA 98421** **WA ALLSITES**
0.202 mi. **RCRA NonGen / NLR**
1068 ft. **Site 5 of 5 in cluster Z** **FINDS**
ECHO

Relative:
Lower

Actual:
16 ft.

UST:

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421
Facility ID:	75455429
Site Id:	8944
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24229
Decimal Longitude:	-122.42988
Tank Name:	DIESEL(1)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421
Tank Name:	REGULAR(2)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PICKERING INDUSTRIES
Address:	2102 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD(3)
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/23/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western

PICKERING INDUSTRIES INC (Continued) **1000269492**

Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-43
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	PICKERING INDUSTRIES INC
Facility Id:	75455429

RCRA Listings:

Date Form Received by Agency:	1985-05-02 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Handler Address:	2102 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD044596476
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PICKERING INDUSTRIES INC
Owner Type:	Private
Operator Name:	PICKERING INDUSTRIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:33.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

PICKERING INDUSTRIES INC (Continued) **1000269492**

Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1503
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1403
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INDUSTRIES INC

PICKERING INDUSTRIES INC (Continued) **1000269492**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2102 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1985-05-01 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1985-05-02 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1985-05-01 00:00:00.0
Handler Name:	PICKERING INDUSTRIES INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

PICKERING INDUSTRIES INC (Continued) **1000269492**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 321211
NAICS Description: HARDWOOD VENEER AND PLYWOOD MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005320394

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000269492
Registry ID: 110005320394
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005320394
Name: PICKERING INDUSTRIES INC
Address: 2102 E D ST
City,State,Zip: TACOMA, WA 98421

X109 East 1/8-1/4 0.205 mi. 1080 ft. | **SOUND TRANSIT TACOMA TRESTLE PROJECT**
XXX E 25TH ST
TACOMA, WA 98421

Site 2 of 2 in cluster X

WA CSCSL **S121442468**
WA ALLSITES **N/A**

Relative: Lower

Actual: 19 ft.

CSCSL:

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Contaminant Name: Mercury
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT TACOMA TRESTLE PROJECT
Address: XXX E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 608568
Region: Southwest
Lat/Long: 47.24024 / -122.4205
Clean Up Siteid: 14417
Site Status: Awaiting Cleanup
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT TACOMA TRESTLE PROJECT
Address: XXX E 25TH ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 608568
Region: Southwest
Lat/Long: 47.24024 / -122.4205
Clean Up Siteid: 14417
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported

SOUND TRANSIT TACOMA TRESTLE PROJECT (Continued) **S121442468**

Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Address:	XXX E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	608568
Region:	Southwest
Lat/Long:	47.24024 / -122.4205
Clean Up Siteid:	14417
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SOUND TRANSIT TACOMA TRESTLE PROJECT
Facility Id:	608568

V110 **PRECISION MACHINE WORKS** **WA ALLSITES** **1011915317**
ENE **925 E 25TH ST** **FINDS** **N/A**
1/8-1/4 **TACOMA, WA 98421** **ECHO**
0.205 mi. **WA MANIFEST**
1085 ft. **Site 5 of 6 in cluster V**

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	PRECISION MACHINE WORKS
Facility Id:	6595720

FINDS:

Registry ID:	110067412669

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

PRECISION MACHINE WORKS (Continued) **1011915317**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1011915317
Registry ID:	110067412669
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067412669
Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200

PRECISION MACHINE WORKS (Continued) **1011915317**

Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	4101-D Industry Drive
Contact City,State,Zip:	Fife, WA 98424
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D005, D035, F003, F005
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	Rags contaminated with solvents, sealants
CORb Sequence Number:	127603
Sequence Number:	2495542
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	578
Quanity Unit:	LB
Kilograms Quanity:	262.18080450950987
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	1155427
Shipment Date:	3/31/2010
Mainfest Document ID:	002220060SKS
Reported Quanity:	578
Unit of Measure:	LB
Kilograms Quanity:	262.18080450951
Receiving EPAID:	TXD077603371

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	588606
Received EPAID:	TXD077603371
Managed Quanity:	578
Kilogram Quanity:	262.18080450950987
Recycled Percentage:	0
Waste Management System Code:	H061

Waste Stream EPA Code:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	5419446
WCDA Code:	D001

Waste Sequence Number:	2495542

PRECISION MACHINE WORKS (Continued) **1011915317**

Sequence Number:	5419448
WCDA Code:	D035
Waste Sequence Number:	2495542
Sequence Number:	5419450
WCDA Code:	F005
Waste Sequence Number:	2495542
Sequence Number:	5419449
WCDA Code:	F003
Waste Sequence Number:	2495542
Sequence Number:	5419447
WCDA Code:	D005

Waste Stream Source Code:

CORB Waste Sequence Number:	127603
Waste Sequence Number:	2495542
Sequence Number:	1
WCDD Code:	G06

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F005 D035
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private

PRECISION MACHINE WORKS (Continued) **1011915317**

Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	PRECISION MACHINE WORKS
Address:	925 E 25TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6595720
EPA ID:	WAH000033558
NAICS:	336413
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278034781
Business Type:	Mfg/Assembly Aircraft Par
Mail Name:	Precision Machine Works
Mailing Address:	925 E 25th St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Platte River Ventures
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	200 Fillmore St Ste 200
Legal Address 2:	Not reported
Legal City,State,Zip:	Denver, CO 80206
Legal Phone Number:	(303)292-7302
Legal Effective Date:	02/26/2007
Land Organization Name:	Savage Building Materials
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1001 E 25th St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)383-1727
Operator Organization Name:	Precision Machine Works
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2024 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)272-5119
Operator Effective Date:	Not reported
Site Contact:	Kevin Peterson
Site Contact Address:	925 E 25th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)722-0507
Site Contact Email:	kpeterson@pmwinc.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

PRECISION MACHINE WORKS (Continued) **1011915317**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

V111 **PRECISION MACHINE WORKS** **RCRA NonGen / NLR** **1015751899**
ENE **925 E 25TH ST** **WAH000033558**
1/8-1/4 **TACOMA, WA 98421**
0.205 mi.
1085 ft. **Site 6 of 6 in cluster V**

Relative:
Lower

Actual:
19 ft.

RCRA Listings:

Date Form Received by Agency:	2012-02-15 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Handler Address:	925 E 25TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000033558
Contact Name:	BILL HABENICHT
Contact Address:	PO BOX 2265
Contact City,State,Zip:	KIRKLAND, WA 98083
Contact Telephone:	206-321-4767
Contact Fax:	Not reported
Contact Email:	BILLH@CNW.COM
Contact Title:	CONSULTANT
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	925 E 25TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PLATTE RIVER VENTURES
Owner Type:	Private
Operator Name:	PRECISION MACHINE WORKS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

PRECISION MACHINE WORKS (Continued) **1015751899**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 16:09:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D005
Waste Description: BARIUM

PRECISION MACHINE WORKS (Continued) **1015751899**

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES

PRECISION MACHINE WORKS (Continued) **1015751899**

Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VE P
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHI P
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	2007-02-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PLATTE RIVER VENTURES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 FILLMORE ST STE 200
Owner/Operator City,State,Zip:	DENVER, CO 80206
Owner/Operator Telephone:	303-292-7302
Owner/Operator Telephone Ext:	Not reported

PRECISION MACHINE WORKS (Continued) **1015751899**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRECISION MACHINE WORKS
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2024 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-5119
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAVAGE BUILDING MATERIALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

PRECISION MACHINE WORKS (Continued) **1015751899**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-09 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-18 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-15 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

PRECISION MACHINE WORKS (Continued) **1015751899**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-09-04 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-09 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-02-19 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-02-18 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-14 00:00:00.0
Handler Name:	PRECISION MACHINE WORKS

PRECISION MACHINE WORKS (Continued) **1015751899**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

W112
West
1/8-1/4
0.207 mi.
1092 ft.

ALMAR INC TACOMA
119 1/2 PUYALLUP AVE
TACOMA, WA 98402

WA ALLSITES **1001490567**
RCRA NonGen / NLR **WAD988473948**
FINDS
ECHO

Site 4 of 4 in cluster W

Relative:
Lower

Actual:
51 ft.

ALLSITES:

Name:	ALMAR INC TACOMA
Facility Id:	32972784

RCRA Listings:

Date Form Received by Agency:	1998-09-25 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Handler Address:	119 1/2 PUYALLUP AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988473948
Contact Name:	MIKE FIEVEZ
Contact Address:	2301 E DOCK ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-572-2877
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2301 E DOCK ST

ALMAR INC TACOMA (Continued) **1001490567**

Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ALMAR INC
Owner Type:	Private
Operator Name:	FIEVEZ, ROBERT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 16:45:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

ALMAR INC TACOMA (Continued) **1001490567**

Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private

ALMAR INC TACOMA (Continued) **1001490567**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT F
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI

ALMAR INC TACOMA (Continued) **1001490567**

Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCHUGH, DAVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	474 3RD AVE FI
Owner/Operator City,State,Zip:	FOX ISLAND, WA 98333-9711
Owner/Operator Telephone:	253-549-2835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private

ALMAR INC TACOMA (Continued) **1001490567**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FIEVEZ, ROBERT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT F
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2914
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	119 1/2 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALMAR INC
Legal Status:	Private
Date Became Current:	1996-09-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2301 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2877
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALMAR INC TACOMA (Continued) **1001490567**

Historic Generators:

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-25 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

ALMAR INC TACOMA (Continued) **1001490567**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-01-17 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-05 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-09 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ALMAR INC TACOMA (Continued) **1001490567**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-24 00:00:00.0
Handler Name:	ALMAR INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110008221619

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490567
Registry ID:	110008221619
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008221619
Name:	ALMAR INC TACOMA
Address:	119 1/2 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98402

AB113 **PUGET SOUND TIRE** **WA ALLSITES** **S110276429**
West **102 PUYALLUP RD** **N/A**
1/8-1/4 **TACOMA, WA 98421**
0.217 mi.
1147 ft. **Site 1 of 4 in cluster AB**

Relative:
Lower

Actual:
54 ft.

ALLSITES:

Name:	EAGLE TIRE & AUTO TACOMA
Facility Id:	23676
Name:	PUGET SOUND TIRE
Facility Id:	95895443

AB114 **PUGET SOUND TIRE** **RCRA-SQG** **1001490287**
West **102 PUYALLUP RD** **FINDS** **WAD052580180**
1/8-1/4 **TACOMA, WA 98421** **ECHO**
0.217 mi.
1147 ft. **Site 2 of 4 in cluster AB**

Relative:
Lower

Actual:
54 ft.

RCRA Listings:

Date Form Received by Agency:	1993-12-31 00:00:00.0
Handler Name:	PUGET SOUND TIRE
Handler Address:	102 PUYALLUP RD
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD052580180
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	102 PUYALLUP AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PUGET SOUND TIRE
Owner Type:	Private
Operator Name:	PUGET SOUND TIRE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

PUGET SOUND TIRE (Continued) **1001490287**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:59:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PUGET SOUND TIRE (Continued) **1001490287**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PUGET SOUND TIRE (Continued) **1001490287**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUGET SOUND TIRE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 PUYALLUP RD

PUGET SOUND TIRE (Continued) **1001490287**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-03-30 00:00:00.0
Handler Name:	PUGET SOUND TIRE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-03-31 00:00:00.0
Handler Name:	PUGET SOUND TIRE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1992-03-30 00:00:00.0
Handler Name:	PUGET SOUND TIRE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PUGET SOUND TIRE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

PUGET SOUND TIRE (Continued) **1001490287**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42313
NAICS Description: TIRE AND TUBE MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005321865

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001490287
Registry ID: 110005321865
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005321865
Name: PUGET SOUND TIRE
Address: 102 PUYALLUP RD
City,State,Zip: TACOMA, WA 98421

---

115 East 1/8-1/4 0.234 mi. 1234 ft. | **HOLROYD CO TACOMA PLANT 3 & 4**
26TH & J ST E
TACOMA, WA 98421 | **WA ALLSITES** **S110037398**
WA NPDES **N/A**

Relative: Lower
Actual: 19 ft.

ALLSITES:
Name: HOLROYD CO TACOMA PLANT 3 & 4
Facility Id: 14812

NPDES:
Name: HOLROYD CO TACOMA PLANT 3 & 4

HOLROYD CO TACOMA PLANT 3 & 4 (Continued) **S110037398**

Address:	26TH & J ST E
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Southwest
Date Issued:	02/17/2016
Latitude:	47.23951000
Longitude:	-122.4196
Permit ID:	WAG501027
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Chris Johnson
WRIA:	Puyallup-White
Permit Expiration Date:	03/31/2021
Effective Date:	04/01/2016
Days to Expiration:	-261

AA116 **MCMACKEN PROPERTY SOUND TRANSIT TACOMA** **WA VCP** **S124436008**
WSW **115 S 26TH ST** **N/A**
1/8-1/4 **TACOMA, WA 98402**
0.236 mi.
1246 ft. **Site 2 of 4 in cluster AA**

Relative:
Higher

Actual:
77 ft.

VCP:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107
Contaminant Name:	Metals Priority Pollutants
Soil:	Confirmed Above Cleanup Levels

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	7912006
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	1107

MCMACKEN PROPERTY SOUND TRANSIT TACOMA (Continued) **S124436008**

Contaminant Name: Non-Halogenated Solvents
Soil: Below Cleanup Levels

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7912006
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 1107
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 7912006
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 1107
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

AA117 **SOUND TRANSIT TACOMA** **RCRA NonGen / NLR** **1010338329**
WSW **115 S 26TH ST** **WAH000026291**
1/8-1/4 **TACOMA, WA 98402**
0.236 mi.
1246 ft. **Site 3 of 4 in cluster AA**

Relative:
Higher

Actual:
77 ft.

RCRA Listings:

Date Form Received by Agency:	2015-03-05 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Handler Address:	115 S 26TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAH000026291
Contact Name:	MARK MENARD
Contact Address:	401 S JACKSON ST
Contact City,State,Zip:	SEATTLE, WA 98104
Contact Telephone:	206-398-5227
Contact Fax:	Not reported
Contact Email:	MENARDM@SOUNDTRANSIT.ORG
Contact Title:	ENVIRONMENTAL COMPLIANCE MANAGER

SOUND TRANSIT TACOMA (Continued) **1010338329**

EPA Region:	10
Land Type:	District
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	401 S JACKSON ST
Mailing City,State,Zip:	SEATTLE, WA 98104
Owner Name:	SOUND TRANSIT
Owner Type:	Private
Operator Name:	SOUND TRANSIT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

SOUND TRANSIT TACOMA (Continued) **1010338329**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 13:27:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

SOUND TRANSIT TACOMA (Continued) **1010338329**

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	2004-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-398-5227
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
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SOUND TRANSIT TACOMA (Continued) **1010338329**

Owner/Operator Indicator:	Operator
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SOUND TRANSIT TACOMA (Continued) **1010338329**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
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Owner/Operator Address:	401 S JACKSON ST

SOUND TRANSIT TACOMA (Continued) **1010338329**

Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-398-5227
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
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SOUND TRANSIT TACOMA (Continued) **1010338329**

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Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-398-5227
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-398-5227
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	2004-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-398-5227
Owner/Operator Telephone Ext:	Not reported

SOUND TRANSIT TACOMA (Continued) **1010338329**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	206-398-5227
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUND TRANSIT
Legal Status:	District
Date Became Current:	2004-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	401 S JACKSON ST
Owner/Operator City,State,Zip:	SEATTLE, WA 98104
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-05-19 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-03-04 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified

SOUND TRANSIT TACOMA (Continued) **1010338329**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-05 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-06-09 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SOUND TRANSIT TACOMA (Continued) **1010338329**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-02 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-15 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-04-14 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-05-19 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SOUND TRANSIT TACOMA (Continued) **1010338329**

Receive Date:	2011-03-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-29 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-27 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-03-26 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-04 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SOUND TRANSIT TACOMA (Continued) **1010338329**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SOUND TRANSIT TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	485111
NAICS Description:	MIXED MODE TRANSIT SYSTEMS

NAICS Code:	485112
NAICS Description:	COMMUTER RAIL SYSTEMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

AA118 **SOUND TRANSIT TACOMA** **WA HSL** **S107565974**
WSW **115 S 26TH ST** **WA CSCSL** **N/A**
1/8-1/4 **TACOMA, WA 98402** **WA ALLSITES**
0.236 mi. **WA MANIFEST**
1246 ft. **Site 4 of 4 in cluster AA**

Relative:
Higher

Actual:
77 ft.

HSL:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	7912006
Rank:	2
Region:	SW
EDR Link ID:	7912006
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7912006
Region:	Southwest
Lat/Long:	47.238296 / -122.434087
Clean Up Siteid:	1107
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7912006
Region:	Southwest
Lat/Long:	47.238296 / -122.434087
Clean Up Siteid:	1107
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 7912006
Region: Southwest
Lat/Long: 47.238296 / -122.434087
Clean Up Siteid: 1107
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 7912006
Region: Southwest
Lat/Long: 47.238296 / -122.434087
Clean Up Siteid: 1107
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: MCMACKEN PROPERTY SOUND TRANSIT TACOMA
Facility Id: 7912006

SOUND TRANSIT TACOMA (Continued) **S107565974**

WA MANIFEST:

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard

SOUND TRANSIT TACOMA (Continued) **S107565974**

Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District

SOUND TRANSIT TACOMA (Continued) **S107565974**

Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485112
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F001,D008
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Soil contaminated with PCE
CORb Sequence Number:	135033
Sequence Number:	2656634
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	48500
Quanity Unit:	LB
Kilograms Quanity:	21999.6003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	Soil contaminated with Lead
CORb Sequence Number:	135033
Sequence Number:	2656638
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1687950
Quanity Unit:	LB
Kilograms Quanity:	765654.133
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	135033
Waste Sequence Number:	2656638
Sequence Number:	1324876
Shipment Date:	2011-04-07 00:00:00
Mainfest Document ID:	27601
Reported Quanity:	2050
Unit of Measure:	LB
Kilograms Quanity:	929.880015
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324881
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968059
Reported Quanity:	64950
Unit of Measure:	LB
Kilograms Quanity:	29461.3205
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324883
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968056
Reported Quanity:	65050
Unit of Measure:	LB
Kilograms Quanity:	29506.6805
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324873
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968078
Reported Quanity:	68050
Unit of Measure:	LB
Kilograms Quanity:	30867.4805
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324875
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968081

SOUND TRANSIT TACOMA (Continued) **S107565974**

Reported Quanity:	64250
Unit of Measure:	LB
Kilograms Quanity:	29143.8005
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324893
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968063
Reported Quanity:	64750
Unit of Measure:	LB
Kilograms Quanity:	29370.6005
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324877
Shipment Date:	2011-04-06 00:00:00
Mainfest Document ID:	1823336
Reported Quanity:	63100
Unit of Measure:	LB
Kilograms Quanity:	28622.1604
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324894
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968060
Reported Quanity:	63400
Unit of Measure:	LB
Kilograms Quanity:	28758.2404
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324891
Shipment Date:	2011-04-21 00:00:00
Mainfest Document ID:	3968079
Reported Quanity:	56700
Unit of Measure:	LB
Kilograms Quanity:	25719.1204
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324882
Shipment Date:	2011-04-11 00:00:00
Mainfest Document ID:	3968065
Reported Quanity:	60550
Unit of Measure:	LB
Kilograms Quanity:	27465.4804
Receiving EPAID:	ORD089452353
Waste Sequence Number:	2656638
Sequence Number:	1324874
Shipment Date:	2011-04-25 00:00:00
Mainfest Document ID:	3968075
Reported Quanity:	62750
Unit of Measure:	LB
Kilograms Quanity:	28463.4004

SOUND TRANSIT TACOMA (Continued) **S107565974**

Receiving EPAID: ORD089452353

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 135033
Waste Sequence Number: 2656638
Sequence Number: 653639
Received EPAID: ORD089452353
Managed Quanity: 2050
Kilogram Quanity: 929.880015
Recycled Percentage: 0
Waste Management System Code: H112

Waste Sequence Number: 2656638
Sequence Number: 653638
Received EPAID: ORD089452353
Managed Quanity: 1685900
Kilogram Quanity: 764724.253
Recycled Percentage: 0
Waste Management System Code: H111

Waste Sequence Number: 2656634
Sequence Number: 653637
Received EPAID: ORD089452353
Managed Quanity: 48500
Kilogram Quanity: 21999.6003
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream EPA Code:
CORB Waste Sequence Number: 135033
Waste Sequence Number: 2656634
Sequence Number: 5870549
WCDA Code: F001

Waste Sequence Number: 2656638
Sequence Number: 5870571
WCDA Code: D008

Name: SOUND TRANSIT TACOMA
Address: 115 S 26TH ST
City,State,Zip: TACOMA, WA 98402
Facility Address 2: Not reported
Facility ID: 7912006
EPA ID: WAH000026291
NAICS: 485112
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

SOUND TRANSIT TACOMA (Continued) **S107565974**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104

SOUND TRANSIT TACOMA (Continued) **S107565974**

Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St

SOUND TRANSIT TACOMA (Continued) **S107565974**

Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	SOUND TRANSIT TACOMA
Address:	115 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	7912006
EPA ID:	WAH000026291
NAICS:	485111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D008D008F002
Form Comm:	Not reported
Data Year:	Not reported

SOUND TRANSIT TACOMA (Continued) **S107565974**

Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601529358
Business Type:	Mass Transit Development
Mail Name:	Sound Transit
Mailing Address:	401 S Jackson St
Mailing City,State,Zip:	Seattle, WA 98104
Legal Organization Name:	Sound Transit
Legal Organization Type:	District
Legal Contact:	Not reported
Legal Address:	401 S Jackson St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98104
Legal Phone Number:	(206)398-5227
Legal Effective Date:	10/01/2004
Land Organization Name:	Sound Transit
Land Organization Type:	District
Land Contact:	Not reported
Land Address:	401 S Jackson St
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5227
Operator Organization Name:	Sound Transit
Operator Organization Type:	District
Operator:	Not reported
Operator Address:	401 S Jackson St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98104
Operator Phone Number:	(206)398-5227
Operator Effective Date:	10/01/2004
Site Contact:	Mark Menard
Site Contact Address:	401 S Jackson St
Contact City,State,Zip:	Seattle, WA 98104
Site Contact Phone Number:	(206)398-5227
Site Contact Email:	menardm@soundtransit.org
Gen Status Code:	LQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No

SOUND TRANSIT TACOMA (Continued) **S107565974**

Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

119
ENE
1/8-1/4
0.242 mi.
1278 ft.

SAVAGE WHOLESALE
1001 E 25TH ST
TACOMA, WA 98421

WA ALLSITES **S109824409**
N/A

Relative:
Lower

Actual:
19 ft.

ALLSITES:

Name:	SAVAGE WHOLESALE
Facility Id:	1747

AC120
NNW
1/8-1/4
0.246 mi.
1299 ft.

BNRR TACOMA YARD PARCEL 2071260010
21ST ST & S D ST
TACOMA, WA 98402

WA CSCSL **S103398251**
WA ALLSITES **N/A**

Site 1 of 3 in cluster AC

Relative:
Lower

Actual:
15 ft.

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 2073230010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	94957214
Region:	Southwest
Lat/Long:	47.243385 / -122.429452
Clean Up Siteid:	4081
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2073230010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	94957214
Region:	Southwest
Lat/Long:	47.243385 / -122.429452
Clean Up Siteid:	4081

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2073230010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	94957214
Region:	Southwest
Lat/Long:	47.243385 / -122.429452
Clean Up Siteid:	4081
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 2071260010
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81267111
Region:	Southwest
Lat/Long:	47.243388 / -122.429449
Clean Up Siteid:	4323
Site Status:	Cleanup Started
Contaminant Name:	Base/Neutral/Acid Organics
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 2071260010
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81267111
Region: Southwest
Lat/Long: 47.243388 / -122.429449
Clean Up Siteid: 4323
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk

BNRR TACOMA YARD PARCEL 2071260010 (Continued) **S103398251**

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 2071260010
Facility Id: 81267111

Name: BNRR TACOMA YARD PARCEL 2073230010
Facility Id: 94957214

AC121 **BNRR TACOMA YARD PARCEL 8950001730** **WA HSL** **S103822635**
NNW **21ST ST & S D ST** **WA CSCSL** **N/A**
1/8-1/4 **TACOMA, WA 98402** **WA ALLSITES**
0.246 mi.
1299 ft. **Site 2 of 3 in cluster AC**

Relative:
Lower
Actual:
15 ft.

HSL:
Name: BNRR TACOMA YARD PARCEL 8950001730
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 1267
Rank: 3
Region: SW
EDR Link ID: 1267
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: BNRR TACOMA YARD PARCEL 8950001730
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1267
Region: Southwest
Lat/Long: 47.24228 / -122.42978
Clean Up Siteid: 3554
Site Status: Cleanup Started
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported

BNRR TACOMA YARD PARCEL 8950001730 (Continued) **S103822635**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001730
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1267
Region: Southwest
Lat/Long: 47.24228 / -122.42978
Clean Up Siteid: 3554
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: BNRR TACOMA YARD PARCEL 8950001730
Address: 21ST ST & S D ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1267
Region: Southwest
Lat/Long: 47.24228 / -122.42978
Clean Up Siteid: 3554
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: BNRR SR 509 EXTENSION
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 8950001730
Facility Id: 1267

AC122 NNW 1/8-1/4 0.246 mi. 1299 ft. | **BNRR TACOMA YARD PARCEL 4715023590**
21ST ST & S D ST
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES | **S103822634**
N/A

Site 3 of 3 in cluster AC

Relative: Lower

Actual: 15 ft.

HSL:

Name:	BNRR TACOMA YARD PARCEL 4715023590
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	3466912
Rank:	3
Region:	SW
EDR Link ID:	3466912
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 4715023590
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	3466912
Region:	Southwest
Lat/Long:	47.24338 / -122.429446
Clean Up Siteid:	458
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 4715023590
Address:	21ST ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	3466912
Region:	Southwest
Lat/Long:	47.24338 / -122.429446
Clean Up Siteid:	458
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

BNRR TACOMA YARD PARCEL 4715023590 (Continued) **S103822634**

Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 4715023590
Facility Id: 3466912

AB123 **HOLLAND QUALITY CLEANERS** **WA CSCSL** **1000277356**
West **102 S 24TH ST** **WA LUST** **WAD980981120**
1/8-1/4 **TACOMA, WA 98402** **WA ALLSITES**
0.247 mi. **RCRA NonGen / NLR**
1304 ft. **Site 3 of 4 in cluster AB** **FINDS**
ECHO
Relative: **WA Inactive Drycleaners**
Higher
Actual: CSCSL:
60 ft.

Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Region: Southwest
Lat/Long: 47.23982 / -122.43742
Clean Up Siteid: 10614
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: Holland Quality Cleaners
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Region: Southwest
Lat/Long: 47.23982 / -122.43742
Clean Up Siteid: 10614
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Holland Quality Cleaners
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Region: Southwest
Lat/Long: 47.23982 / -122.43742
Clean Up Siteid: 10614
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: Holland Quality Cleaners
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828
Region: Southwest
Lat/Long: 47.23982 / -122.43742
Clean Up Siteid: 10614
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Holland Quality Cleaners
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: ACTION BUSINESS FURNITURE
Address: 102 S 24TH ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 81634828

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Lust ID:	4983
UST ID:	463158
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	81634828
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10614
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Holland Quality Cleaners
Response Section:	Southwest
Release Date:	06/05/1998
Lust Date:	08/25/2014
Region:	Southwest
Lust ID:	4983
UST ID:	463158
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23982 / -122.43742

ALLSITES:

Name:	HOLLAND QUALITY CLEANERS
Facility Id:	81634828

RCRA Listings:

Date Form Received by Agency:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Handler Address:	102 S 24TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980981120
Contact Name:	HOLLAND QUALITY HOLLAND QUALITY
Contact Address:	1601 S CENTER ST
Contact City,State,Zip:	TACOMA, WA 98409-7920
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1601 S CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409-7920
Owner Name:	HOLLAND QUALITY H
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2904
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND QUALITY CLEANERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOLLAND QUALITY H
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2904
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	102 S 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1987-08-31 00:00:00.0
Handler Name:	HOLLAND QUALITY CLEANERS
Federal Waste Generator Description:	Not a generator, verified

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005337457

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000277356
Registry ID:	110005337457
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005337457
Name:	HOLLAND QUALITY CLEANERS
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402

INACTIVE DRYCLEANERS:

Name:	HOLLAND QUALITY CLEANERS
Address:	102 S 24TH ST
City,State,Zip:	TACOMA, WA 98402

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

EPA I:	WAD980981120
FS Id:	9094
Facility ID:	9094
NAICS Code:	81232
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	Not reported
BUSINESS TYPE:	Not reported
MAIL NAME:	Not reported
MAIL LINE1:	Not reported
MAIL LINE2:	Not reported
MAIL CITY:	Not reported
MAIL STATE:	Not reported
MAIL ZIP:	Not reported
MAIL COUNTRY:	Not reported
LEGAL ORG NAME:	Not reported
LEGAL PERSON FIRST NAME:	Not reported
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Not reported
LEGAL LINE1:	Not reported
LEGAL LINE2:	Not reported
LEGAL CITY:	Not reported
LEGAL STATE:	Not reported
LEGAL ZIP:	Not reported
LEGAL COUNTRY:	Not reported
LEGAL PHONE NBR:	Not reported
LEGAL EFFECTIVE DATE:	Not reported
LEGAL ORGANIZATION TYPE:	Not reported
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Not reported
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Not reported
LAND LINE1:	Not reported
LAND LINE2:	Not reported
LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported
OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported
FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported
TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported
GEN MARKET TO BURNER:	Not reported
GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported
UW THERMOSTATS ACCUM:	Not reported
UW MERCURY ACCUM:	Not reported
UW LAMPS ACCUM:	Not reported
UW DESTINATION FACILITY:	Not reported
OFF SPEC UTILITY BOILER:	Not reported
OFF SPEC INDUSTRY BOILER:	Not reported
OFF SPEC FURNACE:	Not reported
USED OIL TRANSPORTER:	Not reported
USED OIL TRANSFER FACILITY:	Not reported
USED OIL PROCESSOR:	Not reported
USED OIL REREFINER:	Not reported

HOLLAND QUALITY CLEANERS (Continued) **1000277356**

USED OIL FUEL MARKETER DIR SHIPMENTS: Not reported
USED OIL FUEL MARKETER MEETS SPECS: Not reported
ECO Int Type Code: Not reported
Status Code: Not reported
Start Date: Not reported
End Date: Not reported
NAICS DS: Not reported
Program Name: Not reported
FS SIC Code: Not reported
SIC DS: Not reported
Latitude: Not reported
Longitude: Not reported
Comments: Not reported

AB124 **ACTION BUSINESS FURNITURE** **WA UST** **U003378515**
West **102 S 24TH ST** **WA ICR** **N/A**
1/8-1/4 **TACOMA, WA 98402**
0.247 mi.
1304 ft. **Site 4 of 4 in cluster AB**

Relative: **Higher**
Actual: **60 ft.**

UST:

Name:	ACTION BUSINESS FURNITURE
Address:	102 S 24TH ST
City:	TACOMA
Zip:	98402
Facility ID:	81634828
Site Id:	463158
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23982
Decimal Longitude:	-122.43742
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ACTION BUSINESS FURNITURE (Continued) **U003378515**

ICR:

Date Ecology Received Report:	07/15/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-06
County Code:	27
Contact:	Not reported
Report Title:	Not reported

---

125 WNW 1/4-1/2 0.251 mi. 1325 ft. | **SPRING BACK MATTRESS RECYCLING**
2301 DOCK STREET
TACOMA, WA 98421 | **WA SWF/LF** **S114402464**
WA SWRCY **N/A**

Relative: Lower
Actual: 45 ft.

SWF/LF:

Name:	SPRING BACK MATTRESS RECYCLING
Address:	2301 DOCK STREET
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2732
Region:	STATE
Permit Status:	Exempt
Contact Organization:	NW Furniture Bank DBA Springback Mattress Recyclin
Contact Address1:	Po Box 307
Contact Address2:	Not reported
Contact City:	Wauna
Contact State:	WA
Contact Postal:	98395
Contact EMail:	jsimler@springbackrecycling.org
Contact Phone:	(253) 627-1290
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-627-1290
Operator Name:	Jeremy Simler
Operator Organization:	NW Furniture Bank DBA Springback Mattress Recyclin
Operator EMail:	jsimler@springbackrecycling.org
Operator Title:	Project Manager
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Material Recovery Facility (exempt)
Contact Name:	Jeremy Simler
Contact Title:	Project Manager
Year Closed:	Not reported
Open to Public Flag:	No
Website:	www.nwfuniturebank.org
Latitude:	Not reported
Longitude:	Not reported

SWRCY:

Name:	SPRING BACK MATTRESS RECYCLING NW
Address:	2301 DOCK ST
City,State,Zip:	TACOMA, WA 98421
Phone:	(253) 302-3868
Website:	http://www.springbackrecycling.com/locations/tacoma/

SPRING BACK MATTRESS RECYCLING (Continued) **S114402464**

Material Accepted:	Mattresses
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri, 9am-4pm; Sat, 9am-2pm
Comments:	Located behind the NW Furniture Bank. $10 fee per piece for drop off.
Material Category:	Home & Garden
Organization ID:	1509
Organization Name:	Spring Back Mattress Recycling NW
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

Name:	SPRING BACK MATTRESS RECYCLING NW
Address:	2301 DOCK ST
City,State,Zip:	TACOMA, WA 98421
Phone:	(253) 302-3868
Website:	http://www.springbackrecycling.com/locations/tacoma/
Material Accepted:	Mattresses
Type:	Residential
Service Type:	Pickup
Hours:	Mon-Fri, 9am-4pm; Sat, 9am-2pm
Comments:	Pickup within 15 mile radius. $20 fee per piece.
Material Category:	Home & Garden
Organization ID:	1509
Organization Name:	Spring Back Mattress Recycling NW
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

AD126 **PINGCO INTERNATIONAL** **WA CSCSL** **U004131371**
WSW **102 S 26TH ST** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA UST**
0.255 mi. **WA ALLSITES**
1347 ft. **Site 1 of 2 in cluster AD**

Relative:
Higher

Actual:
84 ft.

CSCSL:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7640591
Region:	Southwest
Lat/Long:	47.237891228215 / -122.4332354908
Clean Up Siteid:	7756
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

PINGCO INTERNATIONAL (Continued) **U004131371**

Responsible Unit: Southwest

LUST:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7640591
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7756
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	12/17/2003
Lust Date:	01/18/1993
Region:	Southwest
Lust ID:	5911
UST ID:	618970
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2378912 / -122.43323

UST:

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402
Facility ID:	7640591
Site Id:	618970
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2378912282157
Decimal Longitude:	-122.433235490858
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/17/2003
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported

PINGCO INTERNATIONAL (Continued) **U004131371**

Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	Not reported
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PINGCO INTERNATIONAL
Address:	102 S 26TH ST
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/17/2003
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported

PINGCO INTERNATIONAL (Continued) **U004131371**

Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	PINGCO INTERNATIONAL
Facility Id:	7640591

AE127 **POWDER COATING SYSTEMS INC** **WA ALLSITES** **1000659561**
West **109 S 25TH ST** **RCRA NonGen / NLR** **WAD988492351**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.257 mi. **ECHO**
1358 ft. **Site 1 of 2 in cluster AE**

Relative:
Higher

Actual:
65 ft.

ALLSITES:

Name:	POWDER COATING SYSTEMS INC
Facility Id:	96432865

RCRA Listings:

Date Form Received by Agency:	1997-07-01 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Handler Address:	109 S 25TH ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988492351
Contact Name:	JANET BRUCE
Contact Address:	3115 179TH AVE E
Contact City,State,Zip:	SUMNER, WA 98390
Contact Telephone:	253-862-1264
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3115 179TH AVE E
Mailing City,State,Zip:	SUMNER, WA 98390
Owner Name:	BRUCE, JANET M
Owner Type:	Private

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Operator Name:	BRUCE, JANET M
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:24:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390-6424
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JANET B
Legal Status:	Private
Date Became Current:	1996-10-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JANET B
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390-6424
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	1996-10-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-862-1264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CRIL ASSOC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 271
Owner/Operator City,State,Zip:	SOUTHWORTH, WA 98386-0271
Owner/Operator Telephone:	206-622-6822
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	POWDER COATING SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	109 S 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRUCE, JANET M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3115 179TH AVE E
Owner/Operator City,State,Zip:	SUMNER, WA 98390
Owner/Operator Telephone:	253-627-3853
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-01 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-04 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-30 00:00:00.0
Handler Name:	POWDER COATING SYSTEMS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332812
NAICS Description:	METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

POWDER COATING SYSTEMS INC (Continued) **1000659561**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2012-03-07 00:00:00.0
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2012-03-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Listing - General
Date Violation was Determined:	2012-03-07 00:00:00.0
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Return to Compliance Qualifier:	Documented

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2012-03-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-08-13 00:00:00.0
Actual Return to Compliance Date:	2003-09-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-09-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW

POWDER COATING SYSTEMS INC (Continued) **1000659561**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-12-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-09-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKKM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2012-03-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

POWDER COATING SYSTEMS INC (Continued) **1000659561**

Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2012-03-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-08-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-09-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005264800

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000659561
Registry ID:	110005264800
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264800
Name:	POWDER COATING SYSTEMS INC
Address:	109 S 25TH ST
City,State,Zip:	TACOMA, WA 98402

AF128 **ELEPHANT CAR WASH PACIFIC AVE** **WA ALLSITES** **S108022689**
West **2501 PACIFIC AVE** **WA Financial Assurance** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.262 mi.
1382 ft. **Site 1 of 3 in cluster AF**

Relative:
Higher

Actual:
63 ft.

ALLSITES:

Name:	ELEPHANT CAR WASH PACIFIC AVE
Facility Id:	78971423

WA Financial Assurance 1:

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2016
Expiration Date:	07/10/2017
Address 2:	Not reported
Policy Number:	WA641062-7
Effective Date:	07/10/2016
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2018
Expiration Date:	07/10/2019
Address 2:	Not reported
Policy Number:	WA641062-9
Effective Date:	07/10/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	08/31/2018
Expiration Date:	08/31/2019
Address 2:	Not reported
Policy Number:	WA642534
Effective Date:	08/31/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009

ELEPHANT CAR WASH PACIFIC AVE (Continued) **S108022689**

Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	10/31/2019
Expiration Date:	10/31/2020
Address 2:	Not reported
Policy Number:	WA642682
Effective Date:	10/31/2019
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	07/10/2009
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2016
Expiration Date:	07/10/2017
Address 2:	Not reported
Policy Number:	WA641062-7
Effective Date:	07/10/2016
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	07/10/2018
Expiration Date:	07/10/2019
Address 2:	Not reported
Policy Number:	WA641062-9
Effective Date:	07/10/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

ELEPHANT CAR WASH PACIFIC AVE (Continued) **S108022689**

DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	08/31/2018
Expiration Date:	08/31/2019
Address 2:	Not reported
Policy Number:	WA642534
Effective Date:	08/31/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

Name:	ELEPHANT CAR WASH
Address:	2501 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
DOE Site ID:	379
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	10/31/2019
Expiration Date:	10/31/2020
Address 2:	Not reported
Policy Number:	WA642682
Effective Date:	10/31/2019
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	10/31/2019
Latitude:	47.238481
Longitude:	-122.436244

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129 NNW 1/4-1/2 0.262 mi. 1384 ft. | **BNRR TACOMA YARD PARCEL 8950001720**
21ST & S D ST
TACOMA, WA 98402 | **WA HSL** **S108893366**
WA CSCSL **N/A**
WA ALLSITES

Relative: Lower
Actual: 16 ft.

HSL:

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	91663719
Rank:	5
Region:	SW
EDR Link ID:	91663719
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	21ST & S D ST
City,State,Zip:	TACOMA, WA 98402

BNRR TACOMA YARD PARCEL 8950001720 (Continued) **S108893366**

Facility ID:	91663719
Region:	Southwest
Lat/Long:	47.243405360747 / -122.4294477207
Clean Up Siteid:	579
Site Status:	Cleanup Started
Contaminant Name:	Base/Neutral/Acid Organics
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	21ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	91663719
Region:	Southwest
Lat/Long:	47.243405360747 / -122.4294477207
Clean Up Siteid:	579
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNRR TACOMA YARD PARCEL 8950001720
Address:	21ST & S D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	91663719
Region:	Southwest
Lat/Long:	47.243405360747 / -122.4294477207
Clean Up Siteid:	579
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BNRR SR 509 EXTENSION
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

BNRR TACOMA YARD PARCEL 8950001720 (Continued) **S108893366**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: BNRR TACOMA YARD PARCEL 8950001720
Facility Id: 91663719

AG130 **TACOMA CITY OF TACOMA DOME** **WA UST** **U003710124**
South **2727 E D ST** **WA ICR** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.262 mi.
1385 ft. **Site 1 of 3 in cluster AG**

Relative:
Higher

Actual:
136 ft.

UST:
Name: TACOMA CITY OF TACOMA DOME
Address: 2727 E D ST
City: TACOMA
Zip: 98402
Facility ID: 96231256
Site Id: 507935
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2365335825738
Decimal Longitude: -122.427002676599

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 12/10/1999
Tank Install Date: 01/01/1982
Tank Closure Date: Not reported
Capacity Range: 2,001 to 4,999 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: TACOMA CITY OF TACOMA DOME
Address: 2727 E D ST

TACOMA CITY OF TACOMA DOME (Continued) **U003710124**

City:	TACOMA
Zip:	98402
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

AG131 **DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME** **WA LUST** **1001969509**
South **2727 E D ST** **WA ALLSITES** **WAD981768021**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.262 mi. **RCRA NonGen / NLR**
1385 ft. **Site 2 of 3 in cluster AG** **FINDS**
ECHO
Relative: **WA MANIFEST**
Higher
Actual: LUST:
136 ft.

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	96231256
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6940

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	TACOMA CITY OF TACOMA DOME,TACOMA CITY TACOMA DOME,TACOMA DOME UST SITE
Response Section:	Southwest
Release Date:	01/18/2000
Lust Date:	05/24/2000
Region:	Southwest
Lust ID:	5440
UST ID:	507935
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2365335 / -122.42700

ALLSITES:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Facility Id:	96231256
Name:	LEMAY AMERICAS CAR MUSEUM
Facility Id:	19576

CSCSL NFA:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	96231256
CS Id:	6940
NFA Date:	05/24/2000
Alternate Site Names:	TACOMA CITY OF TACOMA DOME,TACOMA CITY TACOMA DOME,TACOMA DOME UST SITE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236533583
Longitude:	-122.42700268

RCRA Listings:

Date Form Received by Agency:	2019-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Handler Address:	2727 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD981768021
Contact Name:	MATT BALK
Contact Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-830-6617
Contact Fax:	Not reported
Contact Email:	MBALK@TACOMAVENUES.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TACOMA CITY
Owner Type:	Municipal
Operator Name:	CITY OF TACOMA/TACOMA DOME
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Private
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, CYNTHIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Municipal
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA DAVIS
Legal Status:	Municipal
Date Became Current:	2004-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Municipal
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1216
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WEISGERBER, MELVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	1996-08-26 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-272-3663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA/TACOMA DOME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2727 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-03-16 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-12 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-26 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-05 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-15 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-12-10 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-12-07 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-11 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-15 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-06-17 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-20 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-17 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-18 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-04-24 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-05 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-03-16 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Receive Date:	2011-03-09 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-12 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-20 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-21 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-23 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-23 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-03 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-28 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-12-31 00:00:00.0
Handler Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 71131
NAICS Description: PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

NAICS Code: 711310
NAICS Description: PROMOTERS OF PERFORMING ARTS, SPORTS, AND SIMILAR EVENTS WITH FACILITIES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005342343

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001969509
Registry ID:	110005342343
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005342343
Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Address: 2727 E D ST
City,State,Zip: TACOMA, WA 98421

WA MANIFEST:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	mbalk@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	96231256

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Matt Balk
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)593-7606
Operator Effective Date:	Not reported
Site Contact:	Matt Balk
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)593-7606
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402-3769
Facility Address 2:	Not reported
Facility ID:	96231256
EPA ID:	WAD981768021
NAICS:	711310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600494504
Business Type:	Not reported
Mail Name:	Public Assembly Facility Tacoma Dome
Mailing Address:	2727 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421-1216
Legal Organization Name:	Tacoma City
Legal Organization Type:	Municipal
Legal Contact:	Not reported

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **1001969509**

Legal Address:	2727 E D ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1216
Legal Phone Number:	(253)272-3663
Legal Effective Date:	Not reported
Land Organization Name:	Tacoma City
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	2727 E D ST
Land City,State,Zip:	TACOMA, WA 98421-1216
Land Phone Number:	(253)272-3663
Operator Organization Name:	City of Tacoma/Tacoma Dome
Operator Organization Type:	Municipal
Operator:	Cynthia Davis
Operator Address:	2727 E D ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1216
Operator Phone Number:	(253)272-3663
Operator Effective Date:	Not reported
Site Contact:	Cynthia Davis
Site Contact Address:	2727 E D ST
Contact City,State,Zip:	TACOMA, WA 98421-1216
Site Contact Phone Number:	(253)272-3663
Site Contact Email:	cdavis2@tacomadome.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AG132 **DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME** **WA VCP** **S124436758**
South **2727 E D ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.262 mi.
1385 ft. **Site 3 of 3 in cluster AG**

Relative:
Higher

Actual:
136 ft.

VCP:

Name:	DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME
Address:	2727 E D ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE

DEPT OF PUBLIC ASSEMBLY FAC TACOMA DOME (Continued) **S124436758**

edr_zip:	Not reported
Facility ID:	96231256
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-05-24
Rank:	Not reported
Cleanup Siteid:	6940
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

AF133
WSW
1/4-1/2
0.273 mi.
1442 ft.

TEXACO #63 232 0351
2523 PACIFIC AVE.
TACOMA, WA 98402

Site 2 of 3 in cluster AF

WA CSCSL **S103502781**
WA LUST **N/A**
WA ICR
WA ALLSITES

Relative:
Higher

Actual:
71 ft.

CSCSL:

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	47212644
Region:	Southwest
Lat/Long:	47.238361 / -122.43475
Clean Up Siteid:	6150
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	47212644
Region:	Southwest
Lat/Long:	47.238361 / -122.43475
Clean Up Siteid:	6150
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels

TEXACO #63 232 0351 (Continued) **S103502781**

Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 6150
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Response Section: Southwest
Release Date: 05/22/1991
Lust Date: 12/20/2000
Region: Southwest
Lust ID: 1728
UST ID: 3342
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.238361 / -122.43475

Name: 2523 PACIFIC TEXACO SHELL
Address: 2523 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 47212644
Lust Status Type: LUST - Monitoring
Cleanup Site ID: 6150
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: TEXACO 63-232-0351,TEXACO 632320351,TEXACO STATION 2523 PACIFIC AVE,TEXACO STATION 632320351
Response Section: Southwest
Release Date: 05/22/1991
Lust Date: 12/20/2000
Region: Southwest
Lust ID: 1728
UST ID: 3342
Contaminant Name: Arsenic
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.238361 / -122.43475

TEXACO #63 232 0351 (Continued) **S103502781**

ICR:

Date Ecology Received Report:	04/03/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-03
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	06/25/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-17
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	10/04/99
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-21
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	05/26/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-26
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	04/25/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-26
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	04/25/01

TEXACO #63 232 0351 (Continued) **S103502781**

Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-36
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - First Quarter

Date Ecology Received Report:	12/04/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-43
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Third Quarter

Date Ecology Received Report:	12/10/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-31
County Code:	27
Contact:	Not reported
Report Title:	Semi-annual Ground Water Monitoring - Third Quarter 2000

Date Ecology Received Report:	12/09/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-55
County Code:	0
Contact:	Not reported
Report Title:	Ground Water Monitoring Report

Date Ecology Received Report:	06/25/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-02
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	2523 PACIFIC TEXACO SHELL
Facility Id:	47212644

AF134 **2523 PACIFIC TEXACO SHELL** **WA VCP** **S124434567**
WSW **2523 PACIFIC AVE** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.273 mi.
1442 ft. **Site 3 of 3 in cluster AF**

Relative:
Higher

Actual:
71 ft.

VCP:

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47212644
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6150
Contaminant Name:	Arsenic
Soil:	Confirmed Above Cleanup Levels

Name:	2523 PACIFIC TEXACO SHELL
Address:	2523 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	47212644
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	6150
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

AH135 **STANDARD CHEMICAL CO SITE** **WA HSL** **S105430831**
WNW **2159 DOCK ST** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA INST CONTROL**
0.281 mi. **WA ALLSITES**
1486 ft. **Site 1 of 2 in cluster AH**

Relative:
Lower

Actual:
29 ft.

HSL:

Name:	STANDARD CHEMICAL CO SITE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	85776142

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Rank: 0
Region: SW
EDR Link ID: 85776142
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375
Site Status: CC-Perf. Monitoring
Contaminant Name: Phenolic Compounds
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control:True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 85776142
Region: Southwest
Lat/Long: 47.242642985034 / -122.4330109690
Clean Up Siteid: 4375

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

INST CONTROL:

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402
Facility Site ID: 85776142
Latitude: 47.242642985
Longitude: -122.43301097
Instrument Type: Environmental Covenant
NFA Date: Not reported
County Filing # For Individual IC Doc: 2.0070112057e+011
Filing Date Of Individual IC Doc: 01/11/2007
Education Programs: False
Maintenance Requirements: False
Restrictive Signage: False
Soil Restriction: False
Alternate Site Names: STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction: False
Site Status: Construction Complete-Performance Monitoring
Swimming Restriction: False
Tax Parcel Number: 2022000021
Control Active: True
CS ID: 4375
Region: Southwest
Responsible Unit: Southwest
Restrict Shellfish/Finfish Harvesting: True
Prohibit Removal/Alteration of Buildings: False
Prohibit New Building Construction: False
Control Stormwater: False
Control Vapor/Gas: False
Restrict Sediment Cap Disturbance: True
Maintain/Protect Monitoring System: False
Other: False
Restrict Land Use: True
Media Restrictions: Sediment
Restrict All Ground Water Use: True
Prohibit Domestic Ground Water Well Installation: False
Prohibit All Soil Disturbance: True
Access Barrier: True

Name: STANDARD CHEMICAL CO SITE
Address: 2159 DOCK ST
City,State,Zip: TACOMA, WA 98402

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	True
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001832
Control Active:	True
CS ID:	4375
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	STANDARD CHEMICAL CO SITE
Address:	2159 DOCK ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	85776142
Latitude:	47.242642985
Longitude:	-122.43301097
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0050630206e+011
Filing Date Of Individual IC Doc:	06/30/2005
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	STANDARD CHEMICAL CO,STANDARD CHEMICAL CO SITE FORMER
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001832
Control Active:	True
CS ID:	4375
Region:	Southwest

STANDARD CHEMICAL CO SITE (Continued) **S105430831**

Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	STANDARD CHEMICAL CO SITE
Facility Id:	85776142

AE136 **FOREMOST DAIRY** **WA HSL** **U004158123**
West **2413 PACIFIC AVE S** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA LUST**
0.283 mi. **WA UST**
1495 ft. **Site 2 of 2 in cluster AE** **WA ALLSITES**

Relative:
Higher

Actual:
70 ft.

HSL:

Name:	SODO BUILDERS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	22019
Rank:	2
Region:	SW
EDR Link ID:	22019
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SODO BUILDERS
Address:	2413 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22019
Region:	Southwest
Lat/Long:	47.239579272546 / -122.4348196139
Clean Up Siteid:	11443
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	FOREMOST DAIRY
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

FOREMOST DAIRY (Continued) **U004158123**

Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: SODO BUILDERS
Address: 2413 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 22019
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 11443
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: FOREMOST DAIRY
Response Section: Southwest
Release Date: 09/22/2010
Lust Date: 09/22/2010
Region: Southwest
Lust ID: 6504
UST ID: 619734
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2395792 / -122.43481

UST:
Name: FOREMOST DAIRY
Address: 2413 PACIFIC AVE S
City: TACOMA
Zip: 98402
Facility ID: 22019
Site Id: 619734
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2395792725463
Decimal Longitude: -122.43481961399

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 03/17/2011
Tank Install Date: Not reported
Tank Closure Date: 10/01/2010
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported

FOREMOST DAIRY (Continued) **U004158123**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011

FOREMOST DAIRY (Continued) **U004158123**

Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S
City:	TACOMA
Zip:	98402

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	03/17/2011
Tank Install Date:	Not reported
Tank Closure Date:	10/27/2010
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	FOREMOST DAIRY
Address:	2413 PACIFIC AVE S

FOREMOST DAIRY (Continued) **U004158123**

City:	TACOMA
Zip:	98402
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/19/2014
Tank Install Date:	Not reported
Tank Closure Date:	12/17/2013
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SODO BUILDERS
Facility Id:	22019

AD137 **CHEERS RESTAURANT** **WA CSCSL** **S111413892**
WSW **2611 PACIFIC AVE** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.288 mi.
1520 ft. **Site 2 of 2 in cluster AD**

Relative:
Higher

Actual:
93 ft.

CSCSL:

Name:	CHEERS RESTAURANT
Address:	2611 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	20251
Region:	Southwest
Lat/Long:	47.237572 / -122.434571
Clean Up Siteid:	11744
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	CHEERS RESTAURANT FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

CHEERS RESTAURANT (Continued) **S111413892**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: CHEERS RESTAURANT
Address: 2611 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 20251
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 11744
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CHEERS RESTAURANT FORMER
Response Section: Southwest
Release Date: 12/07/2011
Lust Date: 12/22/2011
Region: Southwest
Lust ID: 6568
UST ID: 619835
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.237572 / -122.43457

ALLSITES:
Name: CHEERS RESTAURANT
Facility Id: 20251

AI138 **TACOMA COAL GASIFICATION** **EDR MGP** **1008408711**
WNW **A STREET** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.288 mi.
1521 ft. **Site 1 of 4 in cluster AI**

Relative:
Lower

Actual:
47 ft.

Manufactured Gas Plants:
Alternate Name:TACOMA GAS AND ELECTRIC LIGHT WORKS; TACOMA GAS COMPANY. No additional information available

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AJ139 **FOREVER GRANITE SHOP** **WA ALLSITES** **S110123804**
SW **2716 A ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.289 mi.
1527 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
108 ft.

ALLSITES:
Name: FOREVER GRANITE SHOP
Facility Id: 19600

AI140 WNW 1/4-1/2 0.290 mi. 1529 ft. | **PSE TACOMA 2205 A ST TACOMA, WA 98402** | **WA ALLSITES FINDS ECHO** | **1008903760 N/A**

Site 2 of 4 in cluster AI

Relative: Lower
Actual: 48 ft.

ALLSITES:
Name: PSE TACOMA
Facility Id: 6899827

FINDS:
Registry ID: 110022900716

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1008903760
Registry ID: 110022900716
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110022900716
Name: PSE TACOMA
Address: 2205 A ST
City,State,Zip: TACOMA, WA 98402

---

141 NW 1/4-1/2 0.297 mi. 1566 ft. | **DOCK STREET OVERPASS 21ST & DOCK ST TACOMA, WA 98402** | **WA UST WA ALLSITES** | **U003604916 N/A**

Relative: Lower
Actual: 3 ft.

UST:
Name: DOCK STREET OVERPASS
Address: 21ST & DOCK ST
City: TACOMA
Zip: 98402
Facility ID: 57172581
Site Id: 500464
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2433638733
Decimal Longitude: -122.433862428

Tank Name: A

DOCK STREET OVERPASS (Continued) **U003604916**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	DOCK STREET OVERPASS
Address:	21ST & DOCK ST
City:	TACOMA
Zip:	98402

Tank Name:	B
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

DOCK STREET OVERPASS (Continued) **U003604916**

ALLSITES:
Name: DOCK STREET OVERPASS
Facility Id: 57172581

AK142 **US BANK PACIFIC AVE** **WA HSL** **S116753404**
West **2317 PACIFIC AVE** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.300 mi. **WA ASBESTOS**
1582 ft. **Site 1 of 3 in cluster AK**

Relative:
Higher

Actual:
65 ft.

HSL:
Name: US BANK PACIFIC AVE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 10919
Rank: 2
Region: SW
EDR Link ID: 10919
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: US BANK PACIFIC AVE
Address: 2317 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 10919
Region: Southwest
Lat/Long: 47.240435 / -122.43524
Clean Up Siteid: 12405
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: US BANK PACIFIC AVE
Address: 2317 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 10919
Region: Southwest
Lat/Long: 47.240435 / -122.43524
Clean Up Siteid: 12405
Site Status: Cleanup Started

US BANK PACIFIC AVE (Continued) **S116753404**

Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: US BANK PACIFIC AVE
Address: 2317 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 10919
Region: Southwest
Lat/Long: 47.240435 / -122.43524
Clean Up Siteid: 12405
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: US BANK PACIFIC AVE
Facility Id: 10919

ASBESTOS:
Name: Not reported
Address: 2317 PACIFIC AVE.
City,State,Zip: TACOMA, WA
Facility Type: Not reported
Parent ID: Not reported
Form ID: 137340#1445530380
Notice Date: 02/19/2019
Start Date: 02/16/2019
Completion Date: 02/18/2019
Initial: Not reported
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	RHINE DEMOLITION LLC (TACOMA) (ABCN00001511)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Wendell Bernadas (ABAS00023681) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2317 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	137340#1445530380
Notice Date:	02/04/2019
Start Date:	02/16/2019
Completion Date:	02/28/2019
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	RHINE DEMOLITION LLC (TACOMA) (ABCN00001511)

US BANK PACIFIC AVE (Continued) **S116753404**

Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported

US BANK PACIFIC AVE (Continued) **S116753404**

Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	603071050
Notice type:	Initial
Project Type:	Mag/mudded pipe Insulation
Supervisor:	Wendell Bernadas (ABAS00023681) ACTIVE
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

AI143 **CARLSON FORMETEC** **WA ALLSITES** **1000292467**
WNW **2202 A ST** **RCRA NonGen / NLR** **WAD083734780**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.307 mi. **ECHO**
1622 ft. **Site 3 of 4 in cluster AI** **WA MANIFEST**

Relative:
Lower

Actual:
50 ft.

ALLSITES:

Name:	CARLSON FORMETEC INC
Facility Id:	42735245

RCRA Listings:

Date Form Received by Agency:	2018-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Handler Address:	2202 A ST
Handler City,State,Zip:	TACOMA, WA 98042
EPA ID:	WAD083734780
Contact Name:	FORREST DAVIS
Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-627-1903
Contact Fax:	Not reported
Contact Email:	FORRESTDAVIS@OMADAINT.COM
Contact Title:	QUALITY SYSTEMS MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	DBR BLUE SKY III LLC
Owner Type:	Private
Operator Name:	CARLSON FORMETEC INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

CARLSON FORMETEC (Continued) **1000292467**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-04-05 17:24:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

CARLSON FORMETEC (Continued) **1000292467**

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CARLSON FORMETEC INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2202 A ST

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator Address:	2202 A ST
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Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
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Owner/Operator Indicator:	Owner
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Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2015-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5250 CARILLON POINT
Owner/Operator City,State,Zip:	KIRKLAND, WA 98033
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3010
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98042
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	1996-07-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST

CARLSON FORMETEC (Continued) **1000292467**

Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNSON, DALE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2030 PARISH ST
Owner/Operator City,State,Zip:	WALLA WALLA, WA 99362
Owner/Operator Telephone:	509-529-4718
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CFI BLUE SKY II LLC
Legal Status:	Private
Date Became Current:	2001-07-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DBR BLUE SKY III LLC
Legal Status:	Private

CARLSON FORMETEC (Continued) **1000292467**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARLSON FORMETEC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2202 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-1903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-24 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-22 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CARLSON FORMETEC (Continued) **1000292467**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-11 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-18 00:00:00.0
Handler Name:	CARLSON FORMETEC INC

CARLSON FORMETEC (Continued) **1000292467**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-17 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-25 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CARLSON FORMETEC (Continued) **1000292467**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-20 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-28 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-25 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Receive Date:	2005-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-02-06 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-24 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-07-20 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

CARLSON FORMETEC (Continued) **1000292467**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-27 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-24 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-22 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CARLSON FORMETEC (Continued) **1000292467**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-05 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-06 00:00:00.0
Handler Name:	CARLSON FORMETEC INC

CARLSON FORMETEC (Continued) **1000292467**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-13 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-20 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-16 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CARLSON FORMETEC (Continued) **1000292467**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-03-01 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC, INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CARLSON FORMETEC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	CARLSON FORMETEC, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	CARLSON FORMETEC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	332112
NAICS Description:	NONFERROUS FORGING
NAICS Code:	336412
NAICS Description:	AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING
NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
NAICS Code:	336415
NAICS Description:	GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-08-29 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-08-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2011-04-20 00:00:00.0
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WABFR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2011-04-20 00:00:00.0
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WABFR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-11-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-08-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-08-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2007-07-10 00:00:00.0
Actual Return to Compliance Date:	2007-08-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2007-08-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2007-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-02-27 00:00:00.0
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-02-27 00:00:00.0
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2011-04-20 00:00:00.0
Actual Return to Compliance Date:	2011-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2011-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2011-04-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WABFR
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1990-05-02 00:00:00.0
Actual Return to Compliance Date:	1990-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-07-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-06-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADES
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2001-02-27 00:00:00.0
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2001-02-27 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State

CARLSON FORMETEC (Continued) **1000292467**

Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2015-02-03 00:00:00.0
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-03-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-29 00:00:00.0
Scheduled Compliance Date:	2007-08-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-03 00:00:00.0

CARLSON FORMETEC (Continued) **1000292467**

Scheduled Compliance Date:	2011-06-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-03 00:00:00.0
Scheduled Compliance Date:	2011-06-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-09-17 00:00:00.0
Scheduled Compliance Date:	2007-11-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-22 00:00:00.0
Scheduled Compliance Date:	2007-08-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-07-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRW

CARLSON FORMETEC (Continued) **1000292467**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1997-04-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-07-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2007-08-24 00:00:00.0
Scheduled Compliance Date:	2007-08-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-04-09 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-05-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2011-06-24 00:00:00.0
Scheduled Compliance Date:	2011-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State

CARLSON FORMETEC (Continued) **1000292467**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1990-05-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1990-07-04 00:00:00.0
Scheduled Compliance Date:	1990-07-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-04-09 00:00:00.0

CARLSON FORMETEC (Continued) **1000292467**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-02-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-04-08 00:00:00.0
Scheduled Compliance Date:	2015-04-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110008216787

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
OSHA ESTABLISHMENT
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CARLSON FORMETEC (Continued) **1000292467**

ECHO:

Envid:	1000292467
Registry ID:	110008216787
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008216787
Name:	CARLSON FORMETEC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98402

WA MANIFEST:

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	336413
State Waste Code Desc:	WP02
Federal Waste Code Desc:	D002,D007,D008,D009
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	5250 Carillon Point
Legal Address 2:	Not reported
Legal City,State,Zip:	Kirkland, WA 98033
Legal Phone Number:	(253)627-1903
Legal Effective Date:	02/01/2015
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903

CARLSON FORMETEC (Continued) **1000292467**

Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Forrest G Davis
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	forrestdavis@omadaint.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT01
State Only Waste Code 2:	WP02
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	155365
Sequence Number:	3400872
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3510
Quanity Unit:	LB
Kilograms Quanity:	1592.13602
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0

CARLSON FORMETEC (Continued) **1000292467**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	SODIUM HYDROXIDE
CORb Sequence Number:	155365
Sequence Number:	3400955
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	504
Quanity Unit:	LB
Kilograms Quanity:	228.614403
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	155365
Sequence Number:	3400967
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	500
Quanity Unit:	LB
Kilograms Quanity:	226.800003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ACID FILTERS
CORb Sequence Number:	155365
Sequence Number:	3401052
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10

CARLSON FORMETEC (Continued) **1000292467**

Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	PAINT RELATED LABPACK
CORb Sequence Number:	155365
Sequence Number:	3400961
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	270
Quanity Unit:	LB
Kilograms Quanity:	122.472002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	SOLVENT WASTE WITH MEK
CORb Sequence Number:	155365
Sequence Number:	3401046
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4
Quanity Unit:	LB
Kilograms Quanity:	1.81440003
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155365
Waste Sequence Number:	3400872
Sequence Number:	896256
Received EPAID:	ORD089452353
Managed Quanity:	710
Kilogram Quanity:	322.056005
Recycled Percentage:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Waste Management System Code:	H121
Waste Sequence Number:	3400872
Sequence Number:	896257
Received EPAID:	WAD991281767
Managed Quanity:	2800
Kilogram Quanity:	1270.08002
Recycled Percentage:	Not reported
Waste Management System Code:	H121
Waste Sequence Number:	3400961
Sequence Number:	896271
Received EPAID:	WAD991281767
Managed Quanity:	270
Kilogram Quanity:	122.472002
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3400967
Sequence Number:	896283
Received EPAID:	TND981920119
Managed Quanity:	500
Kilogram Quanity:	226.800003
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	3401052
Sequence Number:	896433
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.53600007
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3400955
Sequence Number:	896264
Received EPAID:	ORD089452353
Managed Quanity:	500
Kilogram Quanity:	226.800003
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	3400955
Sequence Number:	896265
Received EPAID:	TND981920119
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	3401046
Sequence Number:	896425
Received EPAID:	IND000646943
Managed Quanity:	4
Kilogram Quanity:	1.81440003
Recycled Percentage:	Not reported
Waste Management System Code:	H141

CARLSON FORMETEC (Continued) **1000292467**

Waste Stream Comments:

CORB Waste Sequence Number:	155365
Comments:	Waste stream is a combination of both solid and liquid waste.
Waste Sequence Number:	3400955
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	155365
Waste Sequence Number:	3400961
Sequence Number:	7823542
WCDA Code:	D001
Waste Sequence Number:	3401046
Sequence Number:	7820454
WCDA Code:	D001
Waste Sequence Number:	3401046
Sequence Number:	7820453
WCDA Code:	F005
Waste Sequence Number:	3400955
Sequence Number:	7823540
WCDA Code:	D002
Waste Sequence Number:	3401052
Sequence Number:	7820483
WCDA Code:	D007
Waste Sequence Number:	3401052
Sequence Number:	7820484
WCDA Code:	D008
Waste Sequence Number:	3401052
Sequence Number:	7820485
WCDA Code:	D009
Waste Sequence Number:	3400872
Sequence Number:	7820476
WCDA Code:	D002
Waste Sequence Number:	3400872
Sequence Number:	7820477
WCDA Code:	D007
Waste Sequence Number:	3400872
Sequence Number:	7820478
WCDA Code:	D008
Waste Sequence Number:	3400872
Sequence Number:	7820479
WCDA Code:	D009

Waste Stream Source Code:

CORB Waste Sequence Number:	155365
Waste Sequence Number:	3400961
Sequence Number:	1

CARLSON FORMETEC (Continued) **1000292467**

WCDD Code:	G06
Waste Sequence Number:	3400967
Sequence Number:	1
WCDD Code:	G15
Waste Sequence Number:	3400955
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	3400872
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3401052
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3401046
Sequence Number:	1
WCDD Code:	G08

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D007,D008,D009
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	True
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC

CARLSON FORMETEC (Continued) **1000292467**

Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Danny Babare
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	Danny@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	148218

CARLSON FORMETEC (Continued) **1000292467**

Sequence Number:	3333481
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2650
Quanity Unit:	LB
Kilograms Quanity:	1202.04002
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	148218
Sequence Number:	3333473
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2400
Quanity Unit:	LB
Kilograms Quanity:	1088.64001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	PAINT RELATED LABPACK
CORb Sequence Number:	148218
Sequence Number:	3333524
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	40
Quanity Unit:	LB
Kilograms Quanity:	18.1440003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

CARLSON FORMETEC (Continued) **1000292467**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	VITRO-KLEEN CAUSTIC 'SLUDGE'
CORb Sequence Number:	148218
Sequence Number:	3333522
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	125
Quanity Unit:	LB
Kilograms Quanity:	56.7000009
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W002
Description:	ACID FILTERS
CORb Sequence Number:	148218
Sequence Number:	3333501
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	VITRO-KLEEN CAUSTIC SOLUTION
CORb Sequence Number:	148218
Sequence Number:	3333516
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1300

CARLSON FORMETEC (Continued) **1000292467**

Quanity Unit:	LB
Kilograms Quanity:	589.680010
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	NON-REACTIVE LABPACK
CORb Sequence Number:	148218
Sequence Number:	3333514
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	67
Quanity Unit:	LB
Kilograms Quanity:	30.3912005
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	148218
Waste Sequence Number:	3333473
Sequence Number:	1817370
Shipment Date:	2014-04-18 00:00:00
Mainfest Document ID:	012111150JJK
Reported Quanity:	1600
Unit of Measure:	LB
Kilograms Quanity:	725.760012
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333473
Sequence Number:	1817371
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	012111187JJK
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333524
Sequence Number:	1817475
Shipment Date:	2014-11-19 00:00:00
Mainfest Document ID:	013499588JJK
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	WAD991281767
Waste Sequence Number:	3333524

CARLSON FORMETEC (Continued) **1000292467**

Sequence Number:	1817473
Shipment Date:	2014-01-14 00:00:00
Mainfest Document ID:	012109883JJK
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.53600007
Receiving EPAID:	WAD991281767

Waste Sequence Number:	3333524
Sequence Number:	1817474
Shipment Date:	2014-11-19 00:00:00
Mainfest Document ID:	013499588JJK
Reported Quanity:	25
Unit of Measure:	LB
Kilograms Quanity:	11.3400001
Receiving EPAID:	WAD991281767

Waste Sequence Number:	3333522
Sequence Number:	1817470
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	012111436JJK
Reported Quanity:	125
Unit of Measure:	LB
Kilograms Quanity:	56.7000009
Receiving EPAID:	WAD991281767

Waste Sequence Number:	3333481
Sequence Number:	1817402
Shipment Date:	2014-05-02 00:00:00
Mainfest Document ID:	012111194JJK
Reported Quanity:	350
Unit of Measure:	LB
Kilograms Quanity:	158.760002
Receiving EPAID:	TND981920119

Waste Sequence Number:	3333481
Sequence Number:	1817401
Shipment Date:	2014-01-14 00:00:00
Mainfest Document ID:	012109882JJK
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	TND981920119

Waste Sequence Number:	3333481
Sequence Number:	1817403
Shipment Date:	2014-07-07 00:00:00
Mainfest Document ID:	012111437JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	TND981920119

Waste Sequence Number:	3333481
Sequence Number:	1817405
Shipment Date:	2014-11-19 00:00:00
Mainfest Document ID:	013499587JJK

CARLSON FORMETEC (Continued) **1000292467**

Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003
Receiving EPAID:	TND981920119
Waste Sequence Number:	3333481
Sequence Number:	1817404
Shipment Date:	2014-09-17 00:00:00
Mainfest Document ID:	013378731JJK
Reported Quanity:	1200
Unit of Measure:	LB
Kilograms Quanity:	544.320009
Receiving EPAID:	TND981920119

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	148218
Waste Sequence Number:	3333501
Sequence Number:	846073
Received EPAID:	WAD991281767
Managed Quanity:	60
Kilogram Quanity:	27.2160004
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333516
Sequence Number:	846090
Received EPAID:	WAD991281767
Managed Quanity:	1300
Kilogram Quanity:	589.680010
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333481
Sequence Number:	846039
Received EPAID:	TND981920119
Managed Quanity:	2650
Kilogram Quanity:	1202.04002
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3333514
Sequence Number:	846080
Received EPAID:	WAD991281767
Managed Quanity:	67
Kilogram Quanity:	30.3912005
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333473
Sequence Number:	846021
Received EPAID:	WAD991281767
Managed Quanity:	2400
Kilogram Quanity:	1088.64001
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3333524

CARLSON FORMETEC (Continued) **1000292467**

Sequence Number: 846107
Received EPAID: WAD991281767
Managed Quanity: 40
Kilogram Quanity: 18.1440003
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3333522
Sequence Number: 846096
Received EPAID: WAD991281767
Managed Quanity: 125
Kilogram Quanity: 56.7000009
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream EPA Code:
CORB Waste Sequence Number: 148218
Waste Sequence Number: 3333473
Sequence Number: 7519329
WCDA Code: D002

Waste Sequence Number: 3333473
Sequence Number: 7519331
WCDA Code: D007

Waste Sequence Number: 3333473
Sequence Number: 7519330
WCDA Code: D008

Waste Sequence Number: 3333473
Sequence Number: 7519332
WCDA Code: D009

Waste Sequence Number: 3333524
Sequence Number: 7519349
WCDA Code: D001

Waste Sequence Number: 3333514
Sequence Number: 7519322
WCDA Code: D001

Waste Sequence Number: 3333514
Sequence Number: 7519323
WCDA Code: D002

Waste Sequence Number: 3333514
Sequence Number: 7519324
WCDA Code: D007

Waste Sequence Number: 3333501
Sequence Number: 7519089
WCDA Code: D007

Waste Sequence Number: 3333501
Sequence Number: 7519090
WCDA Code: D008

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	3333501
Sequence Number:	7519091
WCDA Code:	D009

Waste Stream Source Code:

CORB Waste Sequence Number:	148218
Waste Sequence Number:	3333516
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	3333522
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	3333514
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3333473
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3333501
Sequence Number:	1
WCDD Code:	G04
Waste Sequence Number:	3333481
Sequence Number:	1
WCDD Code:	G15
Waste Sequence Number:	3333524
Sequence Number:	1
WCDD Code:	G06

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WP02 - Persistent
Federal Waste Code Desc:	D002 - Corrosive, D007 - Chromium, D008 - Lead, D009 - Mercury
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

CARLSON FORMETEC (Continued) **1000292467**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Danny Babare
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	Danny@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y

CARLSON FORMETEC (Continued) **1000292467**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	SOLVENT WASTE WITH MEK
CORb Sequence Number:	142598
Sequence Number:	3246682
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	25
Quanity Unit:	LB
Kilograms Quanity:	11.3400001
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205
Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	142598
Sequence Number:	3246676
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	700
Quanity Unit:	LB
Kilograms Quanity:	317.520005
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	142598
Sequence Number:	3246671

CARLSON FORMETEC (Continued) **1000292467**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2000
Quanity Unit:	LB
Kilograms Quanity:	907.200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	FLAMMABLE LIQUIDS CLASS 3
CORb Sequence Number:	142598
Sequence Number:	3246686
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	LB
Kilograms Quanity:	2.26800003
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	WSC2
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	CORROSIVE CLASS 8 LABPACK
CORb Sequence Number:	142598
Sequence Number:	3246687
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2
Quanity Unit:	LB
Kilograms Quanity:	0.90720001
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

CARLSON FORMETEC (Continued) **1000292467**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W004
Description:	CAUSTIC CLASS 8 LABPACK
CORb Sequence Number:	142598
Sequence Number:	3246688
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3
Quanity Unit:	LB
Kilograms Quanity:	1.36080002
Density Number:	0
Density Quanity:	Not reported

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	142598
Waste Sequence Number:	3246671
Sequence Number:	806823
Received EPAID:	WAD991281767
Managed Quanity:	2000
Kilogram Quanity:	907.200015
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3246686
Sequence Number:	806837
Received EPAID:	WAD991281767
Managed Quanity:	5
Kilogram Quanity:	2.26800003
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3246687
Sequence Number:	806838
Received EPAID:	WAD991281767
Managed Quanity:	2
Kilogram Quanity:	0.90720001
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3246688
Sequence Number:	806841
Received EPAID:	WAD991281767
Managed Quanity:	3
Kilogram Quanity:	1.36080002
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3246676
Sequence Number:	806829
Received EPAID:	WAD991281767
Managed Quanity:	700
Kilogram Quanity:	317.520005
Recycled Percentage:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Waste Management System Code: H141

Waste Sequence Number: 3246682
Sequence Number: 806835
Received EPAID: WAD991281767
Managed Quanity: 25
Kilogram Quanity: 11.3400001
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 142598
Comments: A-8: The waste is a mix of MEK and ink
Waste Sequence Number: 3246682
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 142598
Waste Sequence Number: 3246671
Sequence Number: 7202154
WCDA Code: D002

Waste Sequence Number: 3246671
Sequence Number: 7202156
WCDA Code: D007

Waste Sequence Number: 3246671
Sequence Number: 7202155
WCDA Code: D008

Waste Sequence Number: 3246671
Sequence Number: 7202157
WCDA Code: D009

Waste Sequence Number: 3246686
Sequence Number: 7202011
WCDA Code: D001

Waste Sequence Number: 3246686
Sequence Number: 7202012
WCDA Code: D007

Waste Sequence Number: 3246688
Sequence Number: 7202064
WCDA Code: D002

Waste Sequence Number: 3246682
Sequence Number: 7202004
WCDA Code: D001

Waste Sequence Number: 3246682
Sequence Number: 7202005
WCDA Code: D035

Waste Stream Source Code:
CORB Waste Sequence Number: 142598

CARLSON FORMETEC (Continued) **1000292467**

Waste Sequence Number:	3246682
Sequence Number:	1
WCDD Code:	G08
Waste Sequence Number:	3246686
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3246687
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3246688
Sequence Number:	1
WCDD Code:	G11
Waste Sequence Number:	3246676
Sequence Number:	1
WCDD Code:	G15
Waste Sequence Number:	3246671
Sequence Number:	1
WCDD Code:	G04

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WP02 - Persistent
Federal Waste Code Desc:	D002 - Corrosive, D007 - Chromium, D008 - Lead, D009 - Mercury
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST

CARLSON FORMETEC (Continued) **1000292467**

Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Danny Babare
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W205

CARLSON FORMETEC (Continued) **1000292467**

Description:	Water-Soluble Cutting Fluid
CORb Sequence Number:	137287
Sequence Number:	2666955
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2104.40000
Quanity Unit:	LB
Kilograms Quanity:	954.555856
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	137287
Sequence Number:	2666952
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	7220.02000
Quanity Unit:	LB
Kilograms Quanity:	3275.00112
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137287
Waste Sequence Number:	2666955
Sequence Number:	1368886
Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	000398827PSC
Reported Quanity:	670
Unit of Measure:	LB
Kilograms Quanity:	303.912005
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666955
Sequence Number:	1368885
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	000325046PSC
Reported Quanity:	517
Unit of Measure:	LB
Kilograms Quanity:	234.511204
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666955
Sequence Number:	1368884
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	000258718PSC

CARLSON FORMETEC (Continued) **1000292467**

Reported Quanity:	917.399999
Unit of Measure:	LB
Kilograms Quanity:	416.132647
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666952
Sequence Number:	1368883
Shipment Date:	2012-11-01 00:00:00
Mainfest Document ID:	000398827PSC
Reported Quanity:	1040
Unit of Measure:	LB
Kilograms Quanity:	471.744008
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666952
Sequence Number:	1368881
Shipment Date:	2012-06-28 00:00:00
Mainfest Document ID:	000325046PSC
Reported Quanity:	1670
Unit of Measure:	LB
Kilograms Quanity:	757.512013
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666952
Sequence Number:	1368882
Shipment Date:	2012-10-04 00:00:00
Mainfest Document ID:	000378011PSC
Reported Quanity:	2400
Unit of Measure:	LB
Kilograms Quanity:	1088.64001
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2666952
Sequence Number:	1368880
Shipment Date:	2012-01-07 00:00:00
Mainfest Document ID:	000030682DAT
Reported Quanity:	2110.02
Unit of Measure:	LB
Kilograms Quanity:	957.105088
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137287
Waste Sequence Number:	2666955
Sequence Number:	666216
Received EPAID:	WAD991281767
Managed Quanity:	2104.40000
Kilogram Quanity:	954.555856
Recycled Percentage:	0
Waste Management System Code:	H050
Waste Sequence Number:	2666952
Sequence Number:	666215
Received EPAID:	WAD991281767
Managed Quanity:	7220.02000
Kilogram Quanity:	3275.00112
Recycled Percentage:	Not reported

CARLSON FORMETEC (Continued) **1000292467**

Waste Management System Code: H135

Waste Stream EPA Code:
CORB Waste Sequence Number: 137287
Waste Sequence Number: 2666952
Sequence Number: 5927936
WCDA Code: D002

Waste Sequence Number: 2666952
Sequence Number: 5927938
WCDA Code: D007

Waste Sequence Number: 2666952
Sequence Number: 5927937
WCDA Code: D008

Waste Sequence Number: 2666952
Sequence Number: 5927939
WCDA Code: D009

Waste Stream Source Code:
CORB Waste Sequence Number: 137287
Waste Sequence Number: 2666952
Sequence Number: 1
WCDD Code: G04

Waste Sequence Number: 2666955
Sequence Number: 1
WCDD Code: G15

Name: CARLSON FORMETEC INC
Address: 2202 A ST
City,State,Zip: TACOMA, WA 98042
Facility Address 2: Not reported
Facility ID: 42735245
EPA ID: WAD083734780
NAICS: 332112
State Waste Code Desc: WP02
Federal Waste Code Desc: D002
Form Comm: Not reported
Data Year: 2011
Permit by Rule: True
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False

CARLSON FORMETEC (Continued) **1000292467**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0

CARLSON FORMETEC (Continued) **1000292467**

KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	133332
Sequence Number:	2650831
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	6673.61999
Quanity Unit:	LB
Kilograms Quanity:	3027.15408
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	133332
Waste Sequence Number:	2650831
Sequence Number:	1309288
Shipment Date:	2011-12-01 00:00:00
Mainfest Document ID:	000035428DAT
Reported Quanity:	2
Unit of Measure:	LB
Kilograms Quanity:	0.90720001
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2650831
Sequence Number:	1309290
Shipment Date:	2011-07-13 00:00:00
Mainfest Document ID:	000030292DAT
Reported Quanity:	458.699999
Unit of Measure:	LB
Kilograms Quanity:	208.066323
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2650831
Sequence Number:	1309289
Shipment Date:	2011-08-08 00:00:00
Mainfest Document ID:	000030499DAT
Reported Quanity:	779.789999
Unit of Measure:	LB
Kilograms Quanity:	353.712750
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2650831
Sequence Number:	1309292
Shipment Date:	2011-07-13 00:00:00
Mainfest Document ID:	000030292DAT
Reported Quanity:	750.600000
Unit of Measure:	LB
Kilograms Quanity:	340.472165
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2650831

CARLSON FORMETEC (Continued) **1000292467**

Sequence Number:	1309287
Shipment Date:	2011-12-01 00:00:00
Mainfest Document ID:	000035428DAT
Reported Quanity:	1582.51
Unit of Measure:	LB
Kilograms Quanity:	717.826548
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2650831
Sequence Number:	1309286
Shipment Date:	2011-06-03 00:00:00
Mainfest Document ID:	000030025DAT
Reported Quanity:	2110.02
Unit of Measure:	LB
Kilograms Quanity:	957.105088
Receiving EPAID:	WAD991281767
Waste Sequence Number:	2650831
Sequence Number:	1309291
Shipment Date:	2011-03-10 00:00:00
Mainfest Document ID:	000009953DAT
Reported Quanity:	990
Unit of Measure:	LB
Kilograms Quanity:	449.064007
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	133332
Waste Sequence Number:	2650831
Sequence Number:	646843
Received EPAID:	WAD991281767
Managed Quanity:	2979.09000
Kilogram Quanity:	1351.31524
Recycled Percentage:	Not reported
Waste Management System Code:	H050
Waste Sequence Number:	2650831
Sequence Number:	646842
Received EPAID:	WAD991281767
Managed Quanity:	2
Kilogram Quanity:	0.90720001
Recycled Percentage:	Not reported
Waste Management System Code:	H040
Waste Sequence Number:	2650831
Sequence Number:	646833
Received EPAID:	WAD991281767
Managed Quanity:	3692.53000
Kilogram Quanity:	1674.93163
Recycled Percentage:	Not reported
Waste Management System Code:	H135

Waste Stream EPA Code:

CORB Waste Sequence Number:	133332
Waste Sequence Number:	2650831
Sequence Number:	5825633

CARLSON FORMETEC (Continued) **1000292467**

WCDA Code:		D002
Name:		CARLSON FORMETEC INC
Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WP02
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2009
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602135588
Business Type:		Not reported
Mail Name:		Carlson Formetec
Mailing Address:		2202 A ST
Mailing City,State,Zip:		TACOMA, WA 98402-3010
Legal Organization Name:		CFI Blue Sky II LLC
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		2202 A Street
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98402-3010
Legal Phone Number:		(253)627-1903
Legal Effective Date:		07/19/2001
Land Organization Name:		DBR Blue Sky III LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		2202 A Street
Land City,State,Zip:		Tacoma, WA 98402-3010
Land Phone Number:		(253)627-1903
Operator Organization Name:		Carlson Formetec
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2202 A ST
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98402-3010
Operator Phone Number:		(253)627-1903

CARLSON FORMETEC (Continued) **1000292467**

Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WP02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution
CORb Sequence Number:	122882
Sequence Number:	2139037
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3587.0300000000002
Quanity Unit:	LB
Kilograms Quanity:	1627.0768359857218
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	1026315
Shipment Date:	5/14/2009
Mainfest Document ID:	004059420JJK
Reported Quanity:	3587.03
Unit of Measure:	LB
Kilograms Quanity:	1627.07683598572
Receiving EPAID:	WAD020257945

CARLSON FORMETEC (Continued) **1000292467**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	528425
Received EPAID:	WAD020257945
Managed Quanity:	3587.0300000000002
Kilogram Quanity:	1627.0768359857218
Recycled Percentage:	Not reported
Waste Management System Code:	H135

Waste Stream EPA Code:

CORB Waste Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	4641137
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	122882
Waste Sequence Number:	2139037
Sequence Number:	1
WCDD Code:	G04

Name:		CARLSON FORMETEC INC
Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WP02
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2008
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602135588
Business Type:		Not reported
Mail Name:		Carlson Formetec
Mailing Address:		2202 A ST
Mailing City,State,Zip:		TACOMA, WA 98402-3010

CARLSON FORMETEC (Continued) **1000292467**

Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Hydrofluoric and Nitric Acid Solution

CARLSON FORMETEC (Continued) **1000292467**

CORb Sequence Number:	117540
Sequence Number:	2002628
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8584.5699999999997
Quanity Unit:	LB
Kilograms Quanity:	3893.9610189761297
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	952842
Shipment Date:	5/7/2008
Mainfest Document ID:	003610970JJK
Reported Quanity:	250
Unit of Measure:	LB
Kilograms Quanity:	113.40000195048
Receiving EPAID:	WAD991281767

Waste Sequence Number:	2002628
Sequence Number:	952840
Shipment Date:	4/25/2008
Mainfest Document ID:	003620127JJK
Reported Quanity:	3970.67
Unit of Measure:	LB
Kilograms Quanity:	1801.09594297885
Receiving EPAID:	WAD020257945

Waste Sequence Number:	2002628
Sequence Number:	952841
Shipment Date:	10/22/2008
Mainfest Document ID:	003619235JJK
Reported Quanity:	4363.9
Unit of Measure:	LB
Kilograms Quanity:	1979.4650740468
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	486523
Received EPAID:	WAD991281767
Managed Quanity:	250
Kilogram Quanity:	113.40000195048005
Recycled Percentage:	0
Waste Management System Code:	H050

Waste Sequence Number:	2002628
Sequence Number:	486522
Received EPAID:	WAD020257945
Managed Quanity:	8334.5699999999997
Kilogram Quanity:	3780.5610170256496
Recycled Percentage:	0
Waste Management System Code:	H135

CARLSON FORMETEC (Continued) **1000292467**

Waste Stream EPA Code:

CORB Waste Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	4272572
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	117540
Waste Sequence Number:	2002628
Sequence Number:	1
WCDD Code:	G04

Name:	CARLSON FORMETEC INC
Address:	2202 A ST
City,State,Zip:	TACOMA, WA 98042
Facility Address 2:	Not reported
Facility ID:	42735245
EPA ID:	WAD083734780
NAICS:	332112
State Waste Code Desc:	WAT01WP02
Federal Waste Code Desc:	D002D002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602135588
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402-3010
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	DBR Blue Sky III LLC
Land Organization Type:	Private

CARLSON FORMETEC (Continued) **1000292467**

Land Contact:	Not reported
Land Address:	2202 A Street
Land City,State,Zip:	Tacoma, WA 98402-3010
Land Phone Number:	(253)627-1903
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	F
Batch Generation:	T
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:		CARLSON FORMETEC INC
Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WAT01WP02
Federal Waste Code Desc:	D002D002	
Form Comm:		Not reported
Data Year:		Not reported
Permit by Rule:		No
Mailing Address 2:		Not reported
Treatment by Generator:		No
Mixed Radioactive Waste:		No
Importer of Hazardous Waste:		No
Immediate Recycler:		No
Treatment/Storage/Disposal/Recycling Facility:		No
Generator of Dangerous Fuel Waste:		No
Generator Marketing to Burner:		No
Other Marketers (i.e., blender, distributor, etc.):		No
Utility Boiler Burner:		No

CARLSON FORMETEC (Continued) **1000292467**

Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600321546
Business Type:	Not reported
Mail Name:	Carlson Formetec
Mailing Address:	2202 A ST
Mailing City,State,Zip:	TACOMA, WA 98402-3010
Legal Organization Name:	CFI Blue Sky II LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2202 A Street
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	(253)627-1903
Legal Effective Date:	07/19/2001
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Dale Johnson
Land Address:	2030 PARISH ST
Land City,State,Zip:	WALLA WALLA, WA 99362
Land Phone Number:	5095294718
Operator Organization Name:	Carlson Formetec
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2202 A ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98402-3010
Operator Phone Number:	(253)627-1903
Operator Effective Date:	07/30/1996
Site Contact:	Jeff Goubeaux
Site Contact Address:	2202 A STREET
Contact City,State,Zip:	TACOMA, WA 98402-3010
Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

Name:	CARLSON FORMETEC INC

CARLSON FORMETEC (Continued) **1000292467**

Address:		2202 A ST
City,State,Zip:		TACOMA, WA 98042
Facility Address 2:		Not reported
Facility ID:		42735245
EPA ID:		WAD083734780
NAICS:		332112
State Waste Code Desc:		WAT01WP02
Federal Waste Code Desc:	D002D002	
Form Comm:		Not reported
Data Year:		Not reported
Permit by Rule:		FALSE
Mailing Address 2:		Not reported
Treatment by Generator:		FALSE
Mixed Radioactive Waste:		FALSE
Importer of Hazardous Waste:		FALSE
Immediate Recycler:		FALSE
Treatment/Storage/Disposal/Recycling Facility:		FALSE
Generator of Dangerous Fuel Waste:		FALSE
Generator Marketing to Burner:		FALSE
Other Marketers (i.e., blender, distributor, etc.):		FALSE
Utility Boiler Burner:		FALSE
Industry Boiler Burner:		FALSE
Industrial Furnace:		FALSE
Smelter Defferal:		FALSE
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600321546
Business Type:		Not reported
Mail Name:		Carlson Formetec
Mailing Address:		2202 A ST
Mailing City,State,Zip:		TACOMA, WA 98402-3010
Legal Organization Name:		CFI Blue Sky II LLC
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		2202 A Street
Legal Address 2:		Not reported
Legal City,State,Zip:		TACOMA, WA 98402
Legal Phone Number:		(253)627-1903
Legal Effective Date:		07/19/2001
Land Organization Name:		Not reported
Land Organization Type:		Private
Land Contact:		Dale Johnson
Land Address:		2030 PARISH ST
Land City,State,Zip:		WALLA WALLA, WA 99362
Land Phone Number:		(509)529-4718
Operator Organization Name:		Carlson Formetec
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		2202 A ST
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98402-3010
Operator Phone Number:		(253)627-1903
Operator Effective Date:		07/30/1996
Site Contact:		Jeff Goubeaux
Site Contact Address:		2202 A STREET
Contact City,State,Zip:		TACOMA, WA 98402-3010

CARLSON FORMETEC (Continued) **1000292467**

Site Contact Phone Number:	(253)627-1903
Site Contact Email:	jeff@carlsonformetec.com
Gen Status Code:	MQG
Monthly Generation:	FALSE
Batch Generation:	TRUE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

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144 **MCKINLEY PARK** **WA CSCSL** **S110700426**
SSE **907 UPPER PARK ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98408**
0.309 mi.
1632 ft.

Relative:
Higher

Actual:
93 ft.

CSCSL:

Name:	MCKINLEY PARK
Address:	907 UPPER PARK ST
City,State,Zip:	TACOMA, WA 98408
Facility ID:	12317
Region:	Southwest
Lat/Long:	47.235361111111 / -122.4238888888
Clean Up Siteid:	11450
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	MCKINLEY PARK
Facility Id:	12317

145 NNE 1/4-1/2 0.309 mi. 1634 ft. | **LRI LONG HAUL INTERMODAL**
1941 E D ST
TACOMA, WA 98421 | **WA ALLSITES** | **S117450462**
WA NPDES | **N/A**

Relative: Lower
Actual: 16 ft.

ALLSITES:

Name:	LRI LONG HAUL INTERMODAL
Facility Id:	5172

NPDES:

Name:	LRI LONG HAUL INTERMODAL
Address:	1941 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR302663
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AL146 NNW 1/4-1/2 0.310 mi. 1639 ft. | **MAXI SEEDS INC**
21ST & D ST
TACOMA, WA 98421 | **WA ALLSITES** | **1000245020**
RCRA NonGen / NLR | **WAD980833339**

Site 1 of 3 in cluster AL

Relative: Lower
Actual: 16 ft.

ALLSITES:

Name:	MAXI SEEDS INC
Facility Id:	52856894

RCRA Listings:

Date Form Received by Agency:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Handler Address:	21ST & D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD980833339
Contact Name:	MAXI SEEDS INC MAXI SEEDS INC
Contact Address:	43730 WITTE SE NO C
Contact City,State,Zip:	MAPLE VALLEY, WA 98038-0000
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

MAXI SEEDS INC (Continued) **1000245020**

Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	43730 WITTE SE NO C
Mailing City,State,Zip:	MAPLE VALLEY, WA 98038-0000
Owner Name:	MAXI SEEDS INC M
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:28.0

MAXI SEEDS INC (Continued) **1000245020**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MAXI SEEDS INC (Continued) **1000245020**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC M
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAXI SEEDS INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	21ST & D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98438
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1984-01-20 00:00:00.0
Handler Name:	MAXI SEEDS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported

MAXI SEEDS INC (Continued) **1000245020**

Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42491
NAICS Description:	FARM SUPPLIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

147
NW
1/4-1/2
0.312 mi.
1646 ft.

THEA FOSS WATERWAY ESPLANADE SITE 1 **WA ALLSITES** **S110040699**
2101 DOCK ST **N/A**
TACOMA, WA 98405

Relative:
Lower

Actual:
18 ft.

ALLSITES:

Name:	THEA FOSS WATERWAY ESPLANADE SITE 1
Facility Id:	24929

148
ENE
1/4-1/2
0.313 mi.
1651 ft.

ECOTEX COMPANY **WA ALLSITES** **S107487446**
1115 E 25TH ST **WA SPILLS** **N/A**
TACOMA, WA 98421

Relative:
Lower

Actual:
21 ft.

ALLSITES:

Name:	ECOTEX COMPANY
Facility Id:	32841

SPILLS:

Name:	ECOTEX COMPANY
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	105291
Medium:	Building/structure
Material Desc:	Chemical
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/09/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24118

ECOTEX COMPANY (Continued) **S107487446**

Longitude:	-122.41759
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Chemical Mixture at Healthcare Laundry, Tacoma
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	ECOTEX COMPANY
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	105291
Medium:	Building/structure
Material Desc:	Chemical
Material Qty:	50
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/09/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.24118
Longitude:	-122.41759
Source Type:	Facility
Source:	Commercial/Industrial Facility
Vessel Facility Name2:	Not reported
Recovered Quantity:	50
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	HEALTHCARE LAUNDRY SERVICES
Address:	1115 E 25TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	543900
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	10/05/2004
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

AJ149 SW 1/4-1/2 0.314 mi. 1660 ft. — **EAGLE PAPER BOX CO**, **106 S 28TH ST**, **TACOMA, WA 98402** — **WA ALLSITES** — **S109555068** / **N/A**

Site 2 of 2 in cluster AJ

Relative: Higher
Actual: 123 ft.

ALLSITES:
Name: EAGLE PAPER BOX CO
Facility Id: 53367357

AH150 WNW 1/4-1/2 0.318 mi. 1679 ft. — **TACOMA COAL GASIFICATION**, **E 22ND AND A STS**, **TACOMA, WA 98402** — **EDR MGP** — **1008408710** / **N/A**

Site 2 of 2 in cluster AH

Relative: Lower
Actual: 43 ft.

Manufactured Gas Plants:
Alternate Name:TACOMA GAS AND ELECTRIC LIGHT WORKS; TACOMA GAS COMPANY. No additional information available

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AI151 WNW 1/4-1/2 0.318 mi. 1679 ft. — **TACOMA COAL GASIFICATION**, **22ND ST & A ST**, **TACOMA, WA 98402** — **WA HSL**, **WA CSCSL**, **WA ALLSITES** — **S105430834** / **N/A**

Site 4 of 4 in cluster AI

Relative: Lower
Actual: 45 ft.

HSL:

Name:	TACOMA COAL GASIFICATION
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1249
Rank:	0
Region:	SW
EDR Link ID:	1249
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA COAL GASIFICATION
Address:	22ND ST & A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1249
Region:	Southwest
Lat/Long:	47.242623855726 / -122.4346452044
Clean Up Siteid:	3675
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Tacoma Spur
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

TACOMA COAL GASIFICATION (Continued) **S105430834**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA COAL GASIFICATION
Address: 22ND ST & A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1249
Region: Southwest
Lat/Long: 47.242623855726 / -122.4346452044
Clean Up Siteid: 3675
Site Status: Cleanup Started
Contaminant Name: Phenolic Compounds
Alternate Site Names: Tacoma Spur
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA COAL GASIFICATION
Address: 22ND ST & A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 1249
Region: Southwest
Lat/Long: 47.242623855726 / -122.4346452044
Clean Up Siteid: 3675
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Tacoma Spur
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA COAL GASIFICATION
Facility Id: 1249

152 West 1/4-1/2 0.319 mi. 1682 ft.

FIRESTONE 31H7 12467
2406 PACIFIC AVE S
TACOMA, WA 98402

WA UST **U003353949**
WA ALLSITES **N/A**

Relative: Higher
Actual: 77 ft.

UST:

Name:	FIRESTONE 31H7 12467
Address:	2406 PACIFIC AVE S
City:	TACOMA
Zip:	98402
Facility ID:	53241629
Site Id:	2710
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239491
Decimal Longitude:	-122.436464
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	FIRESTONE 31H712467
Facility Id:	53241629

AM153 WSW 1/4-1/2 0.324 mi. 1711 ft.

SAMS TIRE & AUTO SERVICE
2522 PACIFIC AVE
TACOMA, WA 98402

Site 1 of 3 in cluster AM

WA LUST **U003355819**
WA UST **N/A**
WA ICR
WA ALLSITES
WA CSCSL NFA
WA ASBESTOS

Relative: Higher
Actual: 88 ft.

LUST:

Name:	GOODYEAR AUTO SERVICE CENTER 8332
Address:	2522 PACIFIC AVE

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

City,State,Zip:	TACOMA, WA 98402
Facility ID:	93473461
Lust Status Type:	LUST - NFA
Cleanup Site ID:	11116
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	SAMS TIRE & AUTO SERVICE,Sams Tire 8332 Tacoma
Response Section:	Southwest
Release Date:	04/26/1996
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4194
UST ID:	9298
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2381224 / -122.43562

UST:

Name:	SAMS TIRE & AUTO SERVICE
Address:	2522 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	93473461
Site Id:	9298
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2381224792679
Decimal Longitude:	-122.435624459107

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	08/06/1996
Tank Install Date:	07/28/1984
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	07/08/96
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-43
County Code:	27
Contact:	Not reported
Report Title:	Not reported

ALLSITES:

Name:	SAMS TIRE 8332 TACOMA
Facility Id:	93473461

CSCSL NFA:

Name:	GOODYEAR AUTO SERVICE CENTER 8332
Address:	2522 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	93473461
CS Id:	11116
NFA Date:	08/29/2012
Alternate Site Names:	SAMS TIRE & AUTO SERVICE,Sams Tire 8332 Tacoma
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.238122479
Longitude:	-122.43562446

ASBESTOS:

Name:	Not reported
Address:	2522 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44540##1462RWRhi602189
Notice Date:	12/15/2010
Start Date:	12/06/2010
Completion Date:	01/31/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	2522 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	43943##1462RWRhi737771
Notice Date:	11/23/2010
Start Date:	12/06/2010
Completion Date:	12/17/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	2522 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44284##1462RWRhi439090
Notice Date:	12/07/2010
Start Date:	12/06/2010
Completion Date:	12/17/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Address:	2522 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46413##1462RWRhi613576
Notice Date:	02/28/2011
Start Date:	12/06/2010
Completion Date:	04/29/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	2522 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	47411##1462RWRhi909013
Notice Date:	03/31/2011
Start Date:	12/06/2010
Completion Date:	03/31/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	2522 PACIFIC AVE.
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	45665##1462RWRhi049908
Notice Date:	01/28/2011
Start Date:	12/06/2010
Completion Date:	02/28/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported

SAMS TIRE & AUTO SERVICE (Continued) **U003355819**

Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

AL154 **PICKS COVE MARINA** **WA INST CONTROL** **1001485972**
NNW **1940 E D ST** **WA ALLSITES** **WA0000704114**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.325 mi. **WA SPILLS**
1714 ft. **Site 2 of 3 in cluster AL** **RCRA NonGen / NLR**
FINDS
Relative: **ECHO**
Lower
Actual:
15 ft.

INST CONTROL:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	42518833
Latitude:	47.24768
Longitude:	-122.43097
Instrument Type:	Environmental Covenant
NFA Date:	10/09/2004
County Filing # For Individual IC Doc:	2.0040708049e+011
Filing Date Of Individual IC Doc:	07/08/2004
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001611, 8950001623, 8950001627, 8950001740, 8950001751
Control Active:	True
CS ID:	4654
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	True

PICKS COVE MARINA (Continued) **1001485972**

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	42518833
Latitude:	47.24768
Longitude:	-122.43097
Instrument Type:	Environmental Covenant
NFA Date:	10/09/2004
County Filing # For Individual IC Doc:	2.0040728064e+011
Filing Date Of Individual IC Doc:	07/28/2004
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	8950001611, 8950001623, 8950001627, 8950001740, 8950001751
Control Active:	True
CS ID:	4654
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	True
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	PICKS COVE MARINA
Facility Id:	42518833

CSCSL NFA:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Arsenic
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	42518833
CS Id:	4654
NFA Date:	10/09/2004
Alternate Site Names:	FOSS LANDING,PICKERING INDUSTRIES,PICKS COVE
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest

PICKS COVE MARINA (Continued) **1001485972**

Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24768
Longitude:	-122.43097

SPILLS:

Name:	Not reported
Address:	1940 E D STR
City,State,Zip:	TACOMA, WA
Facility ID:	653499
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	12/13/2014
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	1940 E D ST.
City,State,Zip:	TACOMA, WA
Facility ID:	628180
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	07/25/2011
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Resp Party Name: Not reported

RCRA Listings:

Date Form Received by Agency:	2003-07-24 00:00:00.0
Handler Name:	PICKS COVE MARINA
Handler Address:	1940 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WA0000704114
Contact Name:	GORDON PICKERING
Contact Address:	1616 E ST PAUL AVE
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-572-9212
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1616 E ST PAUL AVE
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	PICKERING INC
Owner Type:	Private
Operator Name:	HAMSTREET, RICHARD
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC

PICKS COVE MARINA (Continued) **1001485972**

Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private

PICKS COVE MARINA (Continued) **1001485972**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC P
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2400
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICHARD H
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1503
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	1996-08-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAMSTREET, RICHARD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 EAST D STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-3625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PICKS COVE MARINA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1940 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PICKERING INC
Legal Status:	Private
Date Became Current:	2001-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1616 SAINT PAUL AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-572-9212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

PICKS COVE MARINA (Continued) **1001485972**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-24 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-11 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-30 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

PICKS COVE MARINA (Continued) **1001485972**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-20 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-01 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-03-02 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-22 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-06-01 00:00:00.0

PICKS COVE MARINA (Continued) **1001485972**

Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-23 00:00:00.0
Handler Name:	PICKS COVE MARINA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336612
NAICS Description:	BOAT BUILDING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

PICKS COVE MARINA (Continued) **1001485972**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1999-01-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALGR
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005306739

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001485972
Registry ID:	110005306739
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306739
Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421

AL155 **PICKS COVE MARINA** **WA VCP** **S124434339**
NNW **1940 E D ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.325 mi.
1714 ft. **Site 3 of 3 in cluster AL**

Relative:
Lower

Actual:
15 ft.

VCP:

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2004-10-09
Rank:	Not reported
Cleanup Siteid:	4654
Contaminant Name:	Arsenic
Soil:	Remediated-Above

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2004-10-09
Rank:	Not reported
Cleanup Siteid:	4654
Contaminant Name:	Lead
Soil:	Remediated-Above

Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2004-10-09
Rank:	Not reported
Cleanup Siteid:	4654
Contaminant Name:	Metals - Other

PICKS COVE MARINA (Continued) **S124434339**

Soil:	Remediated-Above
Name:	PICKS COVE MARINA
Address:	1940 E D ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	42518833
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2004-10-09
Rank:	Not reported
Cleanup Siteid:	4654
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Remediated-Above

---

156 WSW 1/4-1/2 0.325 mi. 1714 ft. **TURNER TOWING CO 2620 PACIFIC AVENUE TACOMA, WA 98402** **WA UST** **U003355719**
WA ALLSITES **N/A**

Relative: Higher

Actual: 100 ft.

UST:

Name:	TURNER TOWING CO
Address:	2620 PACIFIC AVENUE
City:	TACOMA
Zip:	98402
Facility ID:	71257565
Site Id:	8922
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23724944374
Decimal Longitude:	-122.4353955
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported

TURNER TOWING CO (Continued) **U003355719**

Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

Name: TURNER TOWING CO
Address: 2620 PACIFIC AVENUE
City: TACOMA
Zip: 98402

Tank Name: 2
Tag Number: Not reported
Tank Status: Closed in Place
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: PREMIER TRANSMISSION COMPANY
Facility Id: 71257565

AK157 **J MARCEL BUILDING** **WA INST CONTROL** **S108991792**
West **2320 PACIFIC AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA CSCSL NFA**
0.330 mi.
1740 ft. **Site 2 of 3 in cluster AK**

Relative:
Higher

Actual:
74 ft.

INST CONTROL:
Name: J MARCEL BUILDING
Address: 2320 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility Site ID: 28236738
Latitude: 47.240499
Longitude: -122.435966
Instrument Type: Environmental Covenant

J MARCEL BUILDING (Continued) **S108991792**

NFA Date:	02/21/2008
County Filing # For Individual IC Doc:	2.0080220075e+011
Filing Date Of Individual IC Doc:	02/20/2008
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	JUNEAU ST ASSOCIATES PROPERTY,SCHUBERT PROPERTY
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2023040030
Control Active:	True
CS ID:	1124
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	J MARCEL BUILDING
Facility Id:	28236738

CSCSL NFA:

Name:	J MARCEL BUILDING
Address:	2320 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	28236738
CS Id:	1124
NFA Date:	02/21/2008
Alternate Site Names:	JUNEAU ST ASSOCIATES PROPERTY,SCHUBERT PROPERTY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Remediated
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.240499
Longitude:	-122.435966

J MARCEL BUILDING (Continued) **S108991792**

Name:	J MARCEL BUILDING
Address:	2320 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	28236738
CS Id:	1124
NFA Date:	02/21/2008
Alternate Site Names:	JUNEAU ST ASSOCIATES PROPERTY,SCHUBERT PROPERTY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.240499
Longitude:	-122.435966

AK158 **J MARCEL BUILDING** **WA VCP** **S124433632**
West **2320 PACIFIC AVE** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.330 mi.
1740 ft. **Site 3 of 3 in cluster AK**

Relative:
Higher

Actual:
74 ft.

VCP:

Name:	J MARCEL BUILDING
Address:	2320 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	28236738
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2008-02-21
Rank:	Not reported
Cleanup Siteid:	1124
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

Name:	J MARCEL BUILDING
Address:	2320 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	28236738
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2008-02-21

J MARCEL BUILDING (Continued) **S124433632**

Rank: Not reported
Cleanup Siteid: 1124
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Remediated

AN159 **WA DOT TACOMA I705** **WA ALLSITES** **1000394612**
WNW **I705 E 21ST TO E 24TH** **RCRA NonGen / NLR** **WAD980975460**
1/4-1/2 **TACOMA, WA 98421**
0.341 mi.
1799 ft. **Site 1 of 6 in cluster AN**

Relative:
Lower

Actual:
53 ft.

ALLSITES:
Name: WA DOT TACOMA I705
Facility Id: 21876224

RCRA Listings:

Date Form Received by Agency:	1984-06-24 00:00:00.0
Handler Name:	WA DOT TACOMA I705
Handler Address:	I705 E 21ST TO E 24TH
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD980975460
Contact Name:	WA DOT FACILITI WA DOT FACILITI
Contact Address:	PO BOX 42589
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 42589
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	WA DOT FACILITI W
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

WA DOT TACOMA I705 (Continued) **1000394612**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:10.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA DOT TACOMA I705
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	I705 E 21ST TO E 24TH
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WA DOT TACOMA I705 (Continued) **1000394612**

Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	I705 E 21ST TO E 24TH
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA DOT FACILITIES HAZMAT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA DOT FACILITI W
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA DOT FACILITIES HAZMAT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 42589
Owner/Operator City,State,Zip:	OLYMPIA, WA 98504
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA DOT TACOMA I705
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	I705 E 21ST TO E 24TH
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA DOT TACOMA I705 (Continued) **1000394612**

Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	1984-06-24 00:00:00.0
Handler Name:	WA DOT TACOMA I705
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1984-06-24 00:00:00.0
Handler Name:	WA DOT TACOMA I705
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1984-06-24 00:00:00.0
Handler Name:	WA DOT TACOMA I705
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

AO160 **POP A GEAR** **WA ALLSITES** **1000101107**
WSW **2712 PACIFIC AVE** **RCRA NonGen / NLR** **WAD000489583**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.341 mi. **ECHO**
1801 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
106 ft.

ALLSITES:

Name:	POP A GEAR
Facility Id:	3137972

RCRA Listings:

Date Form Received by Agency:	1994-11-04 00:00:00.0
Handler Name:	POP A GEAR
Handler Address:	2712 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD000489583
Contact Name:	POP A GEAR POP A GEAR
Contact Address:	2712 PACIFIC AVE
Contact City,State,Zip:	TACOMA, WA 98402-2807
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2712 PACIFIC AVE
Mailing City,State,Zip:	TACOMA, WA 98402-2807
Owner Name:	POP A GEAR P
Owner Type:	Private
Operator Name:	POP A GEAR P
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

POP A GEAR (Continued) **1000101107**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:20:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	POP A GEAR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2712 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POP A GEAR
Legal Status:	Private
Date Became Current:	1996-12-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2712 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000

POP A GEAR (Continued) **1000101107**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: POP A GEAR P
Legal Status: Private
Date Became Current: 1996-12-13 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2712 PACIFIC AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402-2807
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: POP A GEAR
Legal Status: Private
Date Became Current: 1996-12-13 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2712 PACIFIC AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: POP A GEAR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2712 PACIFIC AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: POP A GEAR P
Legal Status: Private
Date Became Current: 1996-12-13 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 2712 PACIFIC AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402-2807
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SEE PAPER COPY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported

POP A GEAR (Continued) **1000101107**

Owner/Operator Address:	2712 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-11-04 00:00:00.0
Handler Name:	POP A GEAR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-11-04 00:00:00.0
Handler Name:	POP A GEAR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-11-04 00:00:00.0
Handler Name:	POP A GEAR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

No Violations Found:

POP A GEAR (Continued) **1000101107**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005310724

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000101107
Registry ID:	110005310724
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005310724
Name:	POP A GEAR
Address:	2712 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

AP161 **ROBERSON PROPERTY** **WA ICR** **S103503691**
West **2302 PACIFIC AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.342 mi.
1805 ft. **Site 1 of 3 in cluster AP**

Relative:
Higher

Actual:
72 ft.

ICR:

Date Ecology Received Report:	02/13/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-18
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	05/11/98
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-05
County Code:	27
Contact:	Not reported
Report Title:	Not reported

AP162 **FRED ROBERSON PROPERTY** **WA VCP** **S124434937**
West **2302 PACIFIC AVE** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.342 mi.
1805 ft. **Site 2 of 3 in cluster AP**

Relative:
Higher

Actual:
72 ft.

VCP:

Name:	FRED ROBERSON PROPERTY
Address:	2302 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	55732663
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	1998-08-12
Rank:	Not reported
Cleanup Siteid:	6288
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

AP163 **FRED ROBERSON PROPERTY** **WA LUST** **S105831556**
West **2302 PACIFIC AVE** **WA INST CONTROL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.342 mi. **WA CSCSL NFA**
1805 ft. **Site 3 of 3 in cluster AP**

Relative:
Higher

Actual:
72 ft.

LUST:

Name:	FRED ROBERSON PROPERTY
Address:	2302 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	55732663
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6288
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	2302 PACIFIC AVE TACOMA,ROBERSON & BANFORD PROPERTY
Response Section:	Southwest
Release Date:	02/04/1998
Lust Date:	08/12/1998
Region:	Southwest
Lust ID:	4763
UST ID:	436984
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2408 / -122.43621

INST CONTROL:

Name:	FRED ROBERSON PROPERTY
Address:	2302 PACIFIC AVE

FRED ROBERSON PROPERTY (Continued) **S105831556**

City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	55732663
Latitude:	47.2408
Longitude:	-122.43621
Instrument Type:	Environmental Covenant
NFA Date:	08/12/1998
County Filing # For Individual IC Doc:	9807300756
Filing Date Of Individual IC Doc:	07/30/1998
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	2302 PACIFIC AVE TACOMA,ROBERSON & BANFORD PROPERTY
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2023040010
Control Active:	True
CS ID:	6288
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	FRED ROBERSON PROPERTY
Facility Id:	55732663

CSCSL NFA:

Name:	FRED ROBERSON PROPERTY
Address:	2302 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	55732663
CS Id:	6288
NFA Date:	08/12/1998
Alternate Site Names:	2302 PACIFIC AVE TACOMA,ROBERSON & BANFORD PROPERTY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

FRED ROBERSON PROPERTY (Continued) **S105831556**

Air: Not reported
Bedrock: Not reported
Latitude: 47.2408
Longitude: -122.43621

AQ164
SSW
1/4-1/2
0.342 mi.
1807 ft.

WA DOT I5 M ST TO PORTLAND AVE VAULT REMOVAL
I5 MP 133.5 TO MP 134.1
TACOMA, WA 98418

Site 1 of 2 in cluster AQ

WA ALLSITES **S113230107**
N/A

Relative:
Higher

Actual:
144 ft.

ALLSITES:
Name: WA DOT I5 M ST TO PORTLAND AVE VAULT REMOVAL
Facility Id: 18854

165
North
1/4-1/2
0.344 mi.
1814 ft.

BNSF RAILWAY COMPANY TACOMA
610 E 21ST ST
TACOMA, WA 98421

WA ALLSITES **S106561851**
WA SPILLS **N/A**
WA MANIFEST
WA NPDES

Relative:
Lower

Actual:
12 ft.

ALLSITES:
Name: BNSF RAILWAY COMPANY TACOMA
Facility Id: 37294136

Name: BNSF TACOMA YARD
Facility Id: 19116

SPILLS:
Name: BNSF RAILROAD
Address: 610 E 21ST
City,State,Zip: TACOMA, WA
Facility ID: 542185
Medium: Not reported
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 30
Material Units: GALLON
Date Received: 07/04/2004
Contact Name: Not reported
Incident Date: Not reported
Incident Category Type: Not reported
Incident Category: Not reported
Latitude: Not reported
Longitude: Not reported
Source Type: Not reported
Source: Not reported
Vessel Facility Name2: Not reported
Recovered Quantity: Not reported
Resp Party Contact: Not reported
Cause: Not reported
Cause Type: Not reported
Resp Party Name: Not reported

Name: NELSON PETROLEUM
Address: 610 E 21ST
City,State,Zip: TACOMA, WA

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Facility ID:	563663
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	40
Material Units:	GALLON
Date Received:	07/05/2007
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D035
Form Comm:	Regulated waste generated and shipped in 2018.
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600015676
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	605 Puyallup Ave
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Legal Contact:	Not reported
Legal Address:	2650 Lou Menk Drive
Legal Address 2:	Not reported
Legal City,State,Zip:	Ft. Worth, TX 76131
Legal Phone Number:	(253)591-3072
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(253)591-3072
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	605 Puyallup Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)591-3072
Operator Effective Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600161813
Business Type:	Rail Transportation
Mail Name:	BNSF Railway Company
Mailing Address:	2454 Occidental Ave S
Mailing City,State,Zip:	SEATTLE, WA 98134-1451
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2454 Occidental Ave S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98134-1451
Legal Phone Number:	206 625 6034
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(206) 625-6034
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Jennifer L Wiener
Operator Address:	2454 OCCIDENTAL AVE S STE 1A
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98134-1451
Operator Phone Number:	(206) 625-6034
Operator Effective Date:	Not reported
Site Contact:	Jennifer Wiener
Site Contact Address:	2454 Occidental Ave S Ste 1A
Contact City,State,Zip:	SEATTLE, WA 98134
Site Contact Phone Number:	(206)625-6034
Site Contact Email:	jennifer.wiener@bnsf.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	BNSF RAILWAY COMPANY TACOMA
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	37294136
EPA ID:	WAD980975221
NAICS:	482111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600161813
Business Type:	Rail Transportation
Mail Name:	BNSF Railway Company
Mailing Address:	2454 Occidental Ave S
Mailing City,State,Zip:	SEATTLE, WA 98134-1451
Legal Organization Name:	BNSF Railway Company
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2454 Occidental Ave S
Legal Address 2:	Not reported
Legal City,State,Zip:	SEATTLE, WA 98134-1451
Legal Phone Number:	206 625 6034
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railway Company
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2650 Lou Menk Dr
Land City,State,Zip:	FORT WORTH, TX 76131
Land Phone Number:	(206) 625-6034
Operator Organization Name:	BNSF Railway Company
Operator Organization Type:	Private
Operator:	Jennifer L Wiener

BNSF RAILWAY COMPANY TACOMA (Continued) **S106561851**

Operator Address:	2454 OCCIDENTAL AVE S STE 1A
Operator Address 2:	Not reported
Operator City,State,Zip:	SEATTLE, WA 98134-1451
Operator Phone Number:	(206) 625-6034
Operator Effective Date:	Not reported
Site Contact:	Jennifer Wiener
Site Contact Address:	2454 Occidental Ave S Ste 1A
Contact City,State,Zip:	SEATTLE, WA 98134
Site Contact Phone Number:	(206)625-6034
Site Contact Email:	jennifer.wiener@bnsf.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

NPDES:

Name:	BNSF TACOMA YARD
Address:	610 E 21ST ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.244138
Longitude:	-122.428646
Permit ID:	WAR126179
Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

AR166 ENE 1/4-1/2 0.345 mi. 1824 ft. | **DAIRY QUEEN**
1112 PUYALLUP AVE
TACOMA, WA 98421 | **WA ALLSITES** | **S109824631**
N/A

Site 1 of 4 in cluster AR

Relative: Lower
Actual: 23 ft.

ALLSITES:
Name: DAIRY QUEEN
Facility Id: 14648

AN167 WNW 1/4-1/2 0.346 mi. 1829 ft. | **MULLANS COLLISION CENTER**
2201 PACIFIC AVE
TACOMA, WA 98402 | **WA ALLSITES**
RCRA NonGen / NLR
FINDS
ECHO | **1001490255**
WAD027545680

Site 2 of 6 in cluster AN

Relative: Higher
Actual: 57 ft.

ALLSITES:
Name: MULLANS COLLISION CENTER
Facility Id: 49493534

RCRA Listings:

Date Form Received by Agency:	2005-04-22 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Handler Address:	2201 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD027545680
Contact Name:	MITCHELL MULLAN JR
Contact Address:	52 HEWITT DR
Contact City,State,Zip:	STEILACOOM, WA 98388
Contact Telephone:	253-584-9517
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2201 PACIFIC AVE
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	MULLANS COLLISTION CENTER
Owner Type:	Private
Operator Name:	MULLAN JR, MITCHELL
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

MULLANS COLLISION CENTER (Continued) **1001490255**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:45.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388-1512
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL

MULLANS COLLISION CENTER (Continued) **1001490255**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388-1512
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private

MULLANS COLLISION CENTER (Continued) **1001490255**

Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MITCHELL MULLAN JR
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388-1512
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MITCHELL M
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388-1512
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR

MULLANS COLLISION CENTER (Continued) **1001490255**

Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISTION CENTER
Legal Status:	Private

MULLANS COLLISION CENTER (Continued) **1001490255**

Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388-1512
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MITCHELL M
Legal Status:	Private
Date Became Current:	1996-06-12 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388-1512
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLANS COLLISION CENTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2201 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULLAN JR, MITCHELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	52 HEWITT DR
Owner/Operator City,State,Zip:	STEILACOOM, WA 98388
Owner/Operator Telephone:	253-584-9517
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MULLANS COLLISION CENTER (Continued) **1001490255**

Historic Generators:

Receive Date:	2005-04-21 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-21 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-22 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

MULLANS COLLISION CENTER (Continued) **1001490255**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-13 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-05 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-01-09 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

MULLANS COLLISION CENTER (Continued) **1001490255**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-29 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-08 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-19 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-28 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-22 00:00:00.0

MULLANS COLLISION CENTER (Continued) **1001490255**

Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-01-14 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-04-21 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	MULLANS COLLISION CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

MULLANS COLLISION CENTER (Continued) **1001490255**

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1999-05-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WABFM
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005264267

MULLANS COLLISION CENTER (Continued) **1001490255**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490255
Registry ID:	110005264267
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264267
Name:	MULLANS COLLISION CENTER
Address:	2201 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

168
East
1/4-1/2
0.347 mi.
1831 ft.

REP ELELCTRIC INC **WA ALLSITES** **S109824018**
1121 E 26TH ST **N/A**
TACOMA, WA 98421

Relative:
Lower

Actual:
55 ft.

ALLSITES:

Name:	REP ELELCTRIC INC
Facility Id:	4793

AS169
SW
1/4-1/2
0.348 mi.
1836 ft.

28TH ST CITY OF TACOMA PROPERTY **WA VCP** **S124434058**
2801 PACIFIC AVE **N/A**
TACOMA, WA 98402

Site 1 of 3 in cluster AS

Relative:
Higher

Actual:
126 ft.

VCP:

Name:	28TH ST CITY OF TACOMA PROPERTY
Address:	2801 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	362821
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **S124434058**

NFA Type: Not reported
Date NFA: Not reported
Rank: 5
Cleanup Siteid: 3208
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

AS170 **28TH ST CITY OF TACOMA PROPERTY** **WA HSL** **1008911997**
SW **2801 PACIFIC AVE** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.348 mi. **FINDS**
1836 ft. **Site 2 of 3 in cluster AS** **WA ASBESTOS**

Relative:
Higher

Actual:
126 ft.

HSL:
Name: 28TH ST CITY OF TACOMA PROPERTY
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 362821
Rank: 5
Region: SW
EDR Link ID: 362821
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: 28TH ST CITY OF TACOMA PROPERTY
Address: 2801 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 362821
Region: Southwest
Lat/Long: 47.236 / -122.434342
Clean Up Siteid: 3208
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: 28TH ST ASPHALT PAVING & CURB/GUTTER IMPROVEMENT,28TH STREET
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 28TH ST CITY OF TACOMA PROPERTY
Facility Id: 362821

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

FINDS:
Registry ID: 110022928144

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ASBESTOS:

Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	0
Form ID:	107063##1210Therm974545
Notice Date:	10/14/2015
Start Date:	10/26/2015
Completion Date:	11/18/2015
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2015-10-14 13:40:53
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	107063
Form ID:	107546##1210Therm764368
Notice Date:	10/27/2015
Start Date:	10/26/2015
Completion Date:	11/18/2015
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	ON HOLD Tuesday 10-27-15 at 730am
Date Time Submitted:	2015-10-27 07:31:46
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	2801 PACIFIC AVE WAREHOUSE
City,State,Zip:	TACOMA, WA 98402
Facility Type:	Commercial
Parent ID:	107063
Form ID:	107584##1210Therm803790
Notice Date:	10/27/2015
Start Date:	10/26/2015
Completion Date:	10/27/2015
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00 a.m.

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Site Hours End:	1:45 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Jason Watson
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Jack & Jil White
Property Owner Agent:	Not reported
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	2341 N 28th St
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98403
Property Owner Phone:	253-381-8353
Job Site Room:	Warehouse
Facility Age:	1948
Facility Size:	7930 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	400
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported

28TH ST CITY OF TACOMA PROPERTY (Continued) **1008911997**

Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	OFF HOLD and completed at of Tuesday 10-27-15
Date Time Submitted:	2015-10-27 13:48:56
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Jason Watson ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

AM171 **WATERHOUSE MOTORS** **WA ALLSITES** **1000215042**
West **2502 COMMERCE ST** **RCRA NonGen / NLR** **WAD027555499**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.349 mi. **ECHO**
1841 ft. **Site 2 of 3 in cluster AM**

Relative:
Higher

Actual:
97 ft.

ALLSITES:

Name:	TWO RAVENS STUDIO
Facility Id:	3491
Name:	WATERHOUSE MOTORS
Facility Id:	75485899

RCRA Listings:

Date Form Received by Agency:	2005-11-01 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Handler Address:	2502 COMMERCE ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD027555499
Contact Name:	LARRY DAVIS
Contact Address:	2502 S COMMERCE ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-383-1439
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2502 S COMMERCE ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	WATERHOUSE MOTORS
Owner Type:	Private
Operator Name:	DAVIS, LARRY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

WATERHOUSE MOTORS (Continued) **1000215042**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:33:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1210
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LARRY D
Legal Status:	Private
Date Became Current:	1997-04-17 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1210
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST

WATERHOUSE MOTORS (Continued) **1000215042**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private

WATERHOUSE MOTORS (Continued) **1000215042**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST

WATERHOUSE MOTORS (Continued) **1000215042**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVIS, LARRY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTO W
Legal Status:	Private

WATERHOUSE MOTORS (Continued) **1000215042**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2502 S COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1210
Owner/Operator Telephone:	253-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WATERHOUSE MOTORS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2502 COMMERCE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	206-383-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

Historic Generators:

Receive Date:	2005-10-31 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-10-31 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-11-01 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA

WATERHOUSE MOTORS (Continued) **1000215042**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-03 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-02 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-16 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-17 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WATERHOUSE MOTORS (Continued) **1000215042**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-23 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-21 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-18 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-10-31 00:00:00.0
Handler Name:	WATERHOUSE MOTORS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

List of NAICS Codes and Descriptions:

NAICS Code:	336312
NAICS Description:	GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

WATERHOUSE MOTORS (Continued) **1000215042**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2001-10-09 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAEPF
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-08-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005264392

WATERHOUSE MOTORS (Continued) **1000215042**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000215042
Registry ID:	110005264392
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264392
Name:	WATERHOUSE MOTORS
Address:	2502 COMMERCE ST
City,State,Zip:	TACOMA, WA 98402

AO172 **SMITTYS FLEET SVC INC** **WA CSCSL** **1000838597**
WSW **2718 PACIFIC AVE** **WA LUST** **WAD988513842**
1/4-1/2 **TACOMA, WA 98402** **WA UST**
0.349 mi. **WA SWRCY**
1842 ft. **Site 2 of 2 in cluster AO** **WA ALLSITES**
RCRA NonGen / NLR
Relative: **FINDS**
Higher **ECHO**
Actual:
115 ft.

CSCSL:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5947319
Region:	Southwest
Lat/Long:	47.23625 / -122.43498
Clean Up Siteid:	7678
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Smittys Fleet Svc Inc
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

SMITTYS FLEET SVC INC (Continued) **1000838597**

LUST:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5947319
Lust Status Type:	LUST - Awaiting Cleanup
Cleanup Site ID:	7678
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	Smittys Fleet Svc Inc
Response Section:	Southwest
Release Date:	10/22/1990
Lust Date:	10/22/1990
Region:	Southwest
Lust ID:	1727
UST ID:	200357
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23625 / -122.43498

UST:

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	5947319
Site Id:	200357
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23625
Decimal Longitude:	-122.43498
Tank Name:	1.L/FREE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel

SMITTYS FLEET SVC INC (Continued) **1000838597**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2.REGULAR
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3.DIES-FRT
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel

SMITTYS FLEET SVC INC (Continued) **1000838597**

Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	4.DIES-BLD
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SMITTYS FLEET SERVICE
Address:	2718 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	5.DRAIN OIL
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	02/03/2000
Tank Install Date:	01/01/1964

SMITTYS FLEET SVC INC (Continued) **1000838597**

Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

SWRCY:

Name:	D&D AUTOMOTIVE
Address:	2718 PACIFIC AVENUE
City,State,Zip:	TACOMA, WA 98402
Phone:	253-383-3307
Website:	Not reported
Material Accepted:	Used Motor Oil & Filters
Type:	Residential
Service Type:	Dropoff
Hours:	Mon-Fri 8am-5pm
Comments:	Will take up to 5 gallons.
Material Category:	Automotive
Organization ID:	1174
Organization Name:	D&D Automotive
Organization Contact:	No Longer Tracked
Organization Email:	No Longer Tracked
E-Cycle:	No
Light Recycle:	No

ALLSITES:

Name:	SMITTYS FLEET SVC INC
Facility Id:	5947319

RCRA Listings:

Date Form Received by Agency:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Handler Address:	2718 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988513842
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2220 S TACOMA WAY
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	SMITTYS FLEET SVC INC
Owner Type:	Private
Operator Name:	SMITTYS FLEET SVC INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

SMITTYS FLEET SVC INC (Continued) **1000838597**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 14:31:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private

SMITTYS FLEET SVC INC (Continued) **1000838597**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET S S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2807
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SMITTYS FLEET SVC INC
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2718 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

SMITTYS FLEET SVC INC (Continued) **1000838597**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-29 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SMITTYS FLEET SVC INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SMITTYS FLEET SVC INC (Continued) **1000838597**

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005380783

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000838597
Registry ID: 110005380783
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005380783
Name: SMITTYS FLEET SVC INC
Address: 2718 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402

AR173 **WP FULLER PROPERTY** **WA ALLSITES** **S112339114**
ENE **1109 PUYALLUP AVE** **WA CSCSL NFA** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.349 mi.
1843 ft. **Site 2 of 4 in cluster AR**

Relative:
Lower

Actual:
21 ft.

ALLSITES:
Name: WP FULLER PROPERTY FORMER
Facility Id: 16761

CSCSL NFA:
Name: WP FULLER PROPERTY
Address: 1109 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421

WP FULLER PROPERTY (Continued) **S112339114**

Facility/Site Id:	16761
CS Id:	12038
NFA Date:	09/05/2013
Alternate Site Names:	WP FULLER PROPERTY FORMER
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242005206
Longitude:	-122.41866151

AR174 **WP FULLER PROPERTY** **WA VCP** **S124432814**
ENE **1109 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.349 mi.
1843 ft. **Site 3 of 4 in cluster AR**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	WP FULLER PROPERTY
Address:	1109 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	16761
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2013-09-05
Rank:	Not reported
Cleanup Siteid:	12038
Contaminant Name:	Petroleum-Gasoline
Soil:	Remediated-Below

AQ175 **I5 M ST TO PORTLAND AVE HOV** **WA ALLSITES** **S114405438**
SSW **I5 MP 132.84 TO MP 134.41** **N/A**
1/4-1/2 **TACOMA, WA 98418**
0.352 mi.
1859 ft. **Site 2 of 2 in cluster AQ**

Relative:
Higher

Actual:
148 ft.

ALLSITES:

Name:	I5 M ST TO PORTLAND AVE HOV
Facility Id:	6147

AS176 SW 1/4-1/2 0.353 mi. 1862 ft. | **VIKING SUPPLY 2817 PACIFIC AVE TACOMA, WA 98418** | **WA ALLSITES FINDS** | **1011971652 N/A**

Site 3 of 3 in cluster AS

Relative: Higher

Actual: 133 ft.

ALLSITES:
Name: VIKING SUPPLY
Facility Id: 394758

FINDS:
Registry ID: 110037906184

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AM177 WSW 1/4-1/2 0.353 mi. 1865 ft. | **PARAMOUNT ELECTRIC 225 S TACOMA WAY TACOMA, WA 98409** | **WA LUST WA UST WA ICR WA ALLSITES WA CSCSL NFA WA ASBESTOS WA MANIFEST** | **U003354435 N/A**

Site 3 of 3 in cluster AM

Relative: Higher

Actual: 100 ft.

LUST:

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98409
Facility ID:	77241262
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10471
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/09/1997
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4553
UST ID:	419904
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23867 / -122.43064

Name: PARAMOUNT ELECTRIC
Address: 225 S TACOMA WAY

PARAMOUNT ELECTRIC (Continued) **U003354435**

City,State,Zip:	TACOMA, WA 98409
Facility ID:	77241262
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10471
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/09/1997
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4553
UST ID:	419904
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23867 / -122.43064

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98409
Facility ID:	77241262
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10471
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/09/1997
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4553
UST ID:	419904
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23867 / -122.43064

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98409
Facility ID:	77241262
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10471
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/09/1997

PARAMOUNT ELECTRIC (Continued) **U003354435**

Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	4553
UST ID:	419904
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23867 / -122.43064

UST:

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City:	TACOMA
Zip:	98409
Facility ID:	77241262
Site Id:	419904
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.23867
Decimal Longitude:	-122.43064

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/14/1997
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City:	TACOMA
Zip:	98409

PARAMOUNT ELECTRIC (Continued) **U003354435**

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/14/1997
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	08/25/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Site Assessment

Date Ecology Received Report:	04/16/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-35
County Code:	27
Contact:	Not reported
Report Title:	Soil Stockpile/Treatment Area Assessment Report

Date Ecology Received Report:	07/09/97
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	95-03

PARAMOUNT ELECTRIC (Continued) **U003354435**

County Code: 27
Contact: Not reported
Report Title: Not reported

ALLSITES:
Name: PARAMOUNT ELECTRIC
Facility Id: 77241262

CSCSL NFA:
Name: PARAMOUNT ELECTRIC
Address: 225 S TACOMA WAY
City,State,Zip: TACOMA, WA 98409
Facility/Site Id: 77241262
CS Id: 10471
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.23867
Longitude: -122.43064

Name: PARAMOUNT ELECTRIC
Address: 225 S TACOMA WAY
City,State,Zip: TACOMA, WA 98409
Facility/Site Id: 77241262
CS Id: 10471
NFA Date: 08/29/2012
Alternate Site Names: Not reported
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Lead
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.23867
Longitude: -122.43064

Name: PARAMOUNT ELECTRIC
Address: 225 S TACOMA WAY
City,State,Zip: TACOMA, WA 98409
Facility/Site Id: 77241262
CS Id: 10471
NFA Date: 08/29/2012
Alternate Site Names: Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23867
Longitude:	-122.43064

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98409
Facility/Site Id:	77241262
CS Id:	10471
NFA Date:	08/29/2012
Alternate Site Names:	Not reported
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.23867
Longitude:	-122.43064

ASBESTOS:

Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	47410##1462RWRhi909013
Notice Date:	03/31/2011
Start Date:	12/06/2010
Completion Date:	03/31/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	43940##1462RWRhi737771
Notice Date:	11/23/2010
Start Date:	12/06/2010
Completion Date:	12/17/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial

PARAMOUNT ELECTRIC (Continued) **U003354435**

Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46805##1462RWRhi059574
Notice Date:	03/14/2011
Start Date:	12/06/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46407##1462RWRhi610315
Notice Date:	02/28/2011
Start Date:	12/06/2010

PARAMOUNT ELECTRIC (Continued) **U003354435**

Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	45662##1462RWRhi047074
Notice Date:	01/28/2011
Start Date:	12/06/2010
Completion Date:	02/28/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46579##1462RWRhi777637
Notice Date:	03/04/2011
Start Date:	12/06/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740

PARAMOUNT ELECTRIC (Continued) **U003354435**

Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44536##1462RWRhi602189
Notice Date:	12/15/2010
Start Date:	12/06/2010
Completion Date:	01/31/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44281##1462RWRhi438966
Notice Date:	12/07/2010

PARAMOUNT ELECTRIC (Continued) **U003354435**

Start Date:	12/06/2010
Completion Date:	12/17/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	225 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	47034##1462RWRhi987180
Notice Date:	03/21/2011
Start Date:	12/06/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Cement Asbestos Board (CAB), Other linear footage, Other Square Footage, Vinyl Asbestos Tile
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

WA MANIFEST:

Name:	PARAMOUNT ELECTRIC
Address:	225 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	77241262
EPA ID:	WAH000036288
NAICS:	236210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278046641
Business Type:	Electrical Contractors
Mail Name:	Paramount Electric
Mailing Address:	225 S Tacoma Way
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	Not reported

PARAMOUNT ELECTRIC (Continued) **U003354435**

Legal Organization Type:	Private
Legal Contact:	William Hayes
Legal Address:	225 S Tacoma Way
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)272-4285
Legal Effective Date:	01/01/1986
Land Organization Name:	Sound Transit
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 S Jackson
Land City,State,Zip:	Seattle, WA 98104
Land Phone Number:	(206)398-5000
Operator Organization Name:	Paramount Electric
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	225 S Tacoma Way
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)272-4285
Operator Effective Date:	Not reported
Site Contact:	William Hayes
Site Contact Address:	225 S Tacoma Way
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)272-4285
Site Contact Email:	hayespeco@aol.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

AN178 **ASHLAND CHEMICAL CO CASCADE MACHINER** **WA ALLSITES** **1004793346**
WNW **2119 S PACIFIC AVE** **RCRA NonGen / NLR** **WAD009241423**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.372 mi. **ECHO**
1964 ft. **Site 3 of 6 in cluster AN**

Relative:
Higher

Actual:
57 ft.

ALLSITES:

Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Facility Id:	21518716

RCRA Listings:

Date Form Received by Agency:	2000-06-24 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Handler Address:	2119 S PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD009241423
Contact Name:	TERRI WECKENBROCK FAI
Contact Address:	5200 BLAZER PKWY
Contact City,State,Zip:	DUBLIN, OH 43017
Contact Telephone:	614-790-3826
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	5200 BLAZER PARKWAY
Mailing City,State,Zip:	DUBLIN, WA 43017
Owner Name:	CASCADE MACHINERY ELECTRIC INC
Owner Type:	Private
Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:03:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY & ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	1998-11-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	1998-11-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CASCADE MACHINERY & ELECTRIC INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	1998-11-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	1998-11-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134
Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CASCADE MACHINERY ELECTRIC INC
Legal Status:	Private
Date Became Current:	1998-11-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	8400 E MARGINAL WAY SW
Owner/Operator City,State,Zip:	SEATTLE, WA 98134

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Owner/Operator Telephone:	253-572-1041
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2119 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-11-09 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1991-08-25 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-06-24 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Receive Date:	1991-08-24 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-11-09 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-26 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-06-23 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-12-31 00:00:00.0
Handler Name:	AMERICAN MANUFACTURING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	314999
NAICS Description:	ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS

NAICS Code:	333924
NAICS Description:	INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005312991

Click Here:

ASHLAND CHEMICAL CO CASCADE MACHINER (Continued) **1004793346**

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793346
Registry ID:	110005312991
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005312991
Name:	ASHLAND CHEMICAL CO CASCADE MACHINER
Address:	2119 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

AN179 **HUNT & MOTTET** **WA ICR** **S103507803**
WNW **2122 PACIFIC AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98401**
0.373 mi.
1972 ft. **Site 4 of 6 in cluster AN**

Relative:
Higher

Actual:
60 ft.

ICR:

Date Ecology Received Report:	09/29/95
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-11
County Code:	27
Contact:	Not reported
Report Title:	Not reported

---

180 **TACOMA REDEVELOPMENT PROP** **WA HSL** **S100836520**
NW **THEA FOSS WATERWAY** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA INST CONTROL**
0.376 mi. **WA BROWNFIELDS**
1983 ft. **WA ALLSITES**
WA SPILLS

Relative:
Lower

Actual:
15 ft.

HSL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	1263
Rank:	0

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Region: SW
EDR Link ID: 1263
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Asbestos
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Contaminant Name: Conventional Contaminants, Inorganic
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Conventional Contaminants, Organic
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Corrosive Wastes
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Remediated
Surface Water: Remediated
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Halogenated Organics
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Metals - Other
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263
Region: Southwest
Lat/Long: 47.244229080493 / -122.4332283700
Clean Up Siteid: 3677
Site Status: CC-Perf. Monitoring
Contaminant Name: Pesticides-Unspecified
Alternate Site Names: Thea Foss Waterway
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: True
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA REDEVELOPMENT PROP
Address: THEA FOSS WATERWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 1263

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	1263
Region:	Southwest
Lat/Long:	47.244229080493 / -122.4332283700
Clean Up Siteid:	3677
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Thea Foss Waterway
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/11/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Not reported
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Not reported
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070227086e+011
Filing Date Of Individual IC Doc:	02/27/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002131
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Sediment
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070124077e+011
Filing Date Of Individual IC Doc:	01/24/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Tidelands, no parcel #
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070124077e+011
Filing Date Of Individual IC Doc:	01/24/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Tidelands, no parcel #
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0080114015e+011
Filing Date Of Individual IC Doc:	01/14/2008
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001613
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil; Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0080114016e+011
Filing Date Of Individual IC Doc:	01/14/2008

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001614
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0061006069e+011
Filing Date Of Individual IC Doc:	10/06/2006
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001971
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007050103e+011
Filing Date Of Individual IC Doc:	05/01/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000690
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007050103e+011
Filing Date Of Individual IC Doc:	05/01/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000700
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.007012503e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000690
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	20070125098
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000700
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001832
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001791
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001761
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070430118e+011
Filing Date Of Individual IC Doc:	04/30/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001822
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070201055e+011
Filing Date Of Individual IC Doc:	02/01/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001572
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070322038e+011
Filing Date Of Individual IC Doc:	03/22/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	89500001052
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070322038e+011
Filing Date Of Individual IC Doc:	03/22/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950000990, 8950000680
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070125068e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	0320041028, 8950001601
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070125068e+011
Filing Date Of Individual IC Doc:	01/25/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	320092019
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070202018e+011
Filing Date Of Individual IC Doc:	02/02/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001626
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002040
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002050
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070119132e+011
Filing Date Of Individual IC Doc:	01/19/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002060
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001963
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001881
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001964
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112056e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950002070
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	8950001851
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2022000021
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112057e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	NA, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070122058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	1263
Latitude:	47.24422908
Longitude:	-122.43322837
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070112058e+011
Filing Date Of Individual IC Doc:	01/12/2007

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Thea Foss Waterway
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	N/A, Tidelands
Control Active:	True
CS ID:	3677
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

BROWNFIELDS:

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Asbestos
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Base/Neutral/Acid Organics
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Conventional Contaminants, Inorganic
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Conventional Contaminants, Organic
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Corrosive Wastes
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Halogenated Organics
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Contaminant Type:	Metals - Other
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Metals Priority Pollutants
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Non-Halogenated Solvents
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Pesticides-Unspecified
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Petroleum Products-Unspecified
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Phenolic Compounds
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Polychlorinated biPhenyls (PCB)
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

Name:	TACOMA REDEVELOPMENT PROP
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA 98402
Facilty ID:	1263
Rank:	0
Cleanup Site Id:	3677
Facility Status:	CC-Perf. Monitoring
ISIS User Display Name:	Coleman, Marv
Responsible Section:	Southwest
Acreage:	2.7
Contaminant Type:	Polycyclic Aromatic Hydrocarbons
Public Funding Amt:	$25,000.00
Habitat Restoration:	False
Latitude:	47.2442290804939
Longitude:	-122.433228370031
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

ALLSITES:

Name:	TACOMA REDEVELOPMENT PROP
Facility Id:	1263

TACOMA REDEVELOPMENT PROP (Continued) **S100836520**

SPILLS:

Name:	Not reported
Address:	THEA FOSS WATERWAY
City,State,Zip:	TACOMA, WA
Facility ID:	643372
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	08/23/2013
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

AN181 **TWENTY ONE PACIFIC LLC** **WA ALLSITES** **S104972023**
WNW **2111 PACIFIC AVE** **WA CSCSL NFA** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.376 mi.
1985 ft. **Site 5 of 6 in cluster AN**

Relative:
Lower

Actual:
54 ft.

ALLSITES:

Name:	TWENTY ONE PACIFIC LLC
Facility Id:	89134268

CSCSL NFA:

Name:	TWENTY ONE PACIFIC LLC
Address:	2111 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	89134268
CS Id:	3620
NFA Date:	09/28/2000
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242305
Longitude:	-122.435916

AN182 WNW 1/4-1/2 0.376 mi. 1985 ft. | **TWENTY ONE PACIFIC LLC**
2111 PACIFIC AVE
TACOMA, WA 98402
Site 6 of 6 in cluster AN | **WA VCP** | **S124436434**
N/A

Relative: Lower
Actual: 54 ft.

VCP:

Name:	TWENTY ONE PACIFIC LLC
Address:	2111 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	89134268
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-09-28
Rank:	Not reported
Cleanup Siteid:	3620
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

AT183 West 1/4-1/2 0.379 mi. 1999 ft. | **TACOMA PLASTICS INC**
2416 S C ST
TACOMA, WA 98402
Site 1 of 5 in cluster AT | **WA ALLSITES**
RCRA NonGen / NLR
FINDS
ECHO | **1001490293**
WAD055488993

Relative: Higher
Actual: 96 ft.

ALLSITES:

Name:	TACOMA PLASTICS INC
Facility Id:	21491554

RCRA Listings:

Date Form Received by Agency:	1995-11-01 00:00:00.0
Handler Name:	TACOMA PLASTICS INC
Handler Address:	2416 S C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD055488993
Contact Name:	TACOMA PLASTICS TACOMA PLASTICS
Contact Address:	2416 S C ST
Contact City,State,Zip:	TACOMA, WA 98402-2908
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2416 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402-2908

TACOMA PLASTICS INC (Continued) **1001490293**

Owner Name:	BRUCE S
Owner Type:	Private
Operator Name:	LINDA M
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:18:04.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

TACOMA PLASTICS INC (Continued) **1001490293**

Manifest Broker: Not reported
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PLASTICS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2416 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEWART, BRUCE J
Legal Status:	Private
Date Became Current:	1996-12-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5210 14TH AVE NW
Owner/Operator City,State,Zip:	SEATTLE, WA 98107
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEWART, BRUCE J
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5210 14TH AVE NW
Owner/Operator City,State,Zip:	SEATTLE, WA 98107-3729
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MEREDITH, LINDA
Legal Status:	Private
Date Became Current:	1996-12-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2416 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-383-4836
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported

TACOMA PLASTICS INC (Continued) **1001490293**

Date Ended Current:	Not reported
Owner/Operator Address:	2416 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRUCE S
Legal Status:	Private
Date Became Current:	1996-12-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	5210 14TH AVE NW
Owner/Operator City,State,Zip:	SEATTLE, WA 98107-3729
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LINDA M
Legal Status:	Private
Date Became Current:	1996-12-04 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2416 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-2908
Owner/Operator Telephone:	253-383-4836
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-11-01 00:00:00.0
Handler Name:	TACOMA PLASTICS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-11-01 00:00:00.0
Handler Name:	TACOMA PLASTICS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

TACOMA PLASTICS INC (Continued) **1001490293**

Electronic Manifest Broker:	Not reported
Receive Date:	1995-11-01 00:00:00.0
Handler Name:	TACOMA PLASTICS INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	326199
NAICS Description:	ALL OTHER PLASTICS PRODUCT MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005322551

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001490293
Registry ID:	110005322551
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005322551
Name:	TACOMA PLASTICS INC
Address:	2416 S C ST
City,State,Zip:	TACOMA, WA 98402

AU184 **ON THE WATER LLC** **WA CSCSL** **S113230112**
West **2502 S C ST** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.379 mi. **WA MANIFEST**
2003 ft. **Site 1 of 6 in cluster AU**

Relative:
Higher

Actual:
111 ft.

CSCSL:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Region:	Southwest
Lat/Long:	47.23851 / -122.43712
Clean Up Siteid:	12178
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	On the Water LLC/Warehouse
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Region:	Southwest
Lat/Long:	47.23851 / -122.43712
Clean Up Siteid:	12178
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	On the Water LLC/Warehouse
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	19069
Lust Status Type:	LUST - NFA
Cleanup Site ID:	12178
Cleanup Unit Type:	Upland

ON THE WATER LLC (Continued) **S113230112**

Process Type:	Independent Action
Cleanup Unit Name:	On the Water LLC/Warehouse
Response Section:	Southwest
Release Date:	04/15/2013
Lust Date:	12/23/2013
Region:	Southwest
Lust ID:	6765
UST ID:	619986
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.23851 / -122.43712

ALLSITES:

Name:	ON THE WATER LLC
Facility Id:	19069

WA MANIFEST:

Name:	ON THE WATER LLC
Address:	2502 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	19069
EPA ID:	WAH000042860
NAICS:	811111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D018, D008
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602615369
Business Type:	Automotive
Mail Name:	On the Waster LLC
Mailing Address:	PO Box 1266
Mailing City,State,Zip:	Gig Harbor, WA 98335-3266
Legal Organization Name:	On the Waster LLC

ON THE WATER LLC (Continued) **S113230112**

Legal Organization Type:	Tribal
Legal Contact:	Not reported
Legal Address:	PO Box 1266
Legal Address 2:	Not reported
Legal City,State,Zip:	Gig Harbor, WA 98335-3266
Legal Phone Number:	253-851-9309
Legal Effective Date:	Not reported
Land Organization Name:	On the Waster LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 1266
Land City,State,Zip:	Gig Harbor, WA 98335-3266
Land Phone Number:	253-851-9309
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	253-502-2175
Operator Effective Date:	Not reported
Site Contact:	City of Tacoma
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-502-2175
Site Contact Email:	Joloughl@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Benezene and lead
CORb Sequence Number:	142120

ON THE WATER LLC (Continued) **S113230112**

Sequence Number:	3234860
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	600
Quanity Unit:	GAL
Kilograms Quanity:	2258.92803
Density Number:	8.30000000
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	1674147
Shipment Date:	2013-02-11 00:00:00
Mainfest Document ID:	000072620DAT
Reported Quanity:	600
Unit of Measure:	GAL
Kilograms Quanity:	2258.92803
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	796395
Received EPAID:	WAD991281767
Managed Quanity:	600
Kilogram Quanity:	2258.92803
Recycled Percentage:	0
Waste Management System Code:	H135

Waste Stream Comments:

CORB Waste Sequence Number:	142120
Comments:	A-8 resisual fuel from underground storage tank.
Waste Sequence Number:	3234860
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	7159563
WCDA Code:	D008
Waste Sequence Number:	3234860
Sequence Number:	7159562
WCDA Code:	D018

Waste Stream Source Code:

CORB Waste Sequence Number:	142120
Waste Sequence Number:	3234860
Sequence Number:	1
WCDD Code:	G45

AV185 **AERO STAR ENGINEERING INC** **WA ALLSITES** **1000920647**
East **2619 E L ST** **RCRA NonGen / NLR** **WA0000627547**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.381 mi. **ECHO**
2012 ft. **Site 1 of 3 in cluster AV**

Relative:
Higher

Actual:
88 ft.

ALLSITES:

Name:	AEROSTAR ENGINEERING INC
Facility Id:	58977511

RCRA Listings:

Date Form Received by Agency:	2004-07-17 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Handler Address:	2619 E L ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WA0000627547
Contact Name:	TINA SCHEERER
Contact Address:	609 N LEVEE RD
Contact City,State,Zip:	PUYALLUP, WA 98371
Contact Telephone:	253-286-2525
Contact Fax:	Not reported
Contact Email:	TINAS@AIRSPARES.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2619 E L ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	AEROSTAR ENGINEERING INC
Owner Type:	Private
Operator Name:	AEROSTAR ENGINEERING INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C/O CRAWFORD KATICA INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 7536
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-272-9200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINE A
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-06-19 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-286-2525
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR SPARES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-0800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINE A
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
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Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-6625
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AEROSTAR ENGINEERING INC
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2619 E L ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-17 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-13 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-21 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-24 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-01 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-07 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Receive Date:	2001-01-12 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-07 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-28 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-07-16 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	AEROSTAR ENGINEERING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336413
NAICS Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1995-11-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT

AEROSTAR ENGINEERING INC (Continued) **1000920647**

Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005306490

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000920647
Registry ID:	110005306490
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005306490
Name:	AEROSTAR ENGINEERING INC
Address:	2619 E L ST
City,State,Zip:	TACOMA, WA 98421

AR186 **VALLEY PUB** **WA ALLSITES** **S109824182**
ENE **1206 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.386 mi.
2040 ft. **Site 4 of 4 in cluster AR**

Relative:
Lower

Actual:
23 ft.

ALLSITES:

Name:	VALLEY PUB
Facility Id:	13056

AW187 **TACOMA STEEL CORP** **WA UST** **U003353050**
WNW **2128 PACIFIC AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.387 mi.
2041 ft. **Site 1 of 3 in cluster AW**

Relative:
Higher

Actual:
62 ft.

UST:

Name:	TACOMA STEEL CORP
Address:	2128 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	64114382
Site Id:	10627
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24251
Decimal Longitude:	-122.43587
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SUSSMAN ASSOC
Facility Id:	64114382

AT188 **TACOMA CITY GROUNDS SHOP** **WA ALLSITES** **S110625765**
West **2324 S C ST** **WA MANIFEST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.388 mi.
2049 ft. **Site 2 of 5 in cluster AT**

Relative:
Higher

Actual:
97 ft.

ALLSITES:

Name:	TACOMA CITY GROUNDS SHOP
Facility Id:	1735

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

WA MANIFEST:

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	01/03/2019
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	No regulated waste generated from this site in 2014
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Federal Waste Code Desc:	Not reported
Form Comm:	No regulated waste generated from this site in 2013.
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449
Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY GROUNDS SHOP
Address:	2324 S C ST

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	1735
EPA ID:	WAH000037337
NAICS:	332812
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D002
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278027713
Business Type:	St & Grounds Shop
Mail Name:	City of Tacoma
Mailing Address:	747 Market St Rm 744
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5249
Legal Effective Date:	Not reported
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5249
Operator Organization Name:	City of Tacoma
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5449

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Site Contact Email:	justin.davis@cityoftacoma.org
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Waste Corrosive Liquid,Acidic,Inorganic,N.O.S (Ferric Chloride,Sulfuric Aci
CORb Sequence Number:	128028
Sequence Number:	2496709
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	LB
Kilograms Quanity:	2.2680000390096007
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Waste Amines, Liquid, Corrosive N,O,S
CORb Sequence Number:	128028
Sequence Number:	2496879
Mixed Radioactive Flag:	False

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Designation Code:	D
Reported Quanity:	20
Quanity Unit:	LB
Kilograms Quanity:	9.0720001560384027
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paint Related Material
CORb Sequence Number:	128028
Sequence Number:	2496702
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	400
Quanity Unit:	LB
Kilograms Quanity:	181.44000312076807
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	128028
Waste Sequence Number:	2496702
Sequence Number:	1157948
Shipment Date:	10/5/2010
Mainfest Document ID:	002939153FLE
Reported Quanity:	400
Unit of Measure:	LB
Kilograms Quanity:	181.440003120768
Receiving EPAID:	ARD069748192
Waste Sequence Number:	2496709
Sequence Number:	1158282
Shipment Date:	10/5/2010
Mainfest Document ID:	002939153FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.2680000390096
Receiving EPAID:	ARD069748192
Waste Sequence Number:	2496879
Sequence Number:	1158261
Shipment Date:	10/5/2010
Mainfest Document ID:	002939153FLE
Reported Quanity:	20
Unit of Measure:	LB
Kilograms Quanity:	9.0720001560384
Receiving EPAID:	ARD069748192

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	128028
Waste Sequence Number:	2496709
Sequence Number:	590349
Received EPAID:	ARD069748192
Managed Quanity:	5
Kilogram Quanity:	2.2680000390096007
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2496702
Sequence Number:	590182
Received EPAID:	ARD069748192
Managed Quanity:	400
Kilogram Quanity:	181.44000312076807
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2496879
Sequence Number:	590410
Received EPAID:	ARD069748192
Managed Quanity:	20
Kilogram Quanity:	9.0720001560384027
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream Comments:

CORB Waste Sequence Number:	128028
Comments:	Left over corrosive liquid used in cleaning marble structures.
Waste Sequence Number:	2496709
Sequence Number:	1
Comments:	A-8. Used for stripping and cleaning in building cleaning and maintenance.
Waste Sequence Number:	2496879
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	128028
Waste Sequence Number:	2496702
Sequence Number:	5448635
WCDA Code:	D001
Waste Sequence Number:	2496709
Sequence Number:	5448632
WCDA Code:	D002
Waste Sequence Number:	2496879
Sequence Number:	5448601
WCDA Code:	D002

Waste Stream Source Code:

CORB Waste Sequence Number:	128028
Waste Sequence Number:	2496702
Sequence Number:	1

TACOMA CITY GROUNDS SHOP (Continued) **S110625765**

WCDD Code:	G06
Waste Sequence Number:	2496709
Sequence Number:	1
WCDD Code:	G02
Waste Sequence Number:	2496879
Sequence Number:	1
WCDD Code:	G02

AX189 **HERITAGE CRYSTAL CLEAN LLC D ST** **WA ALLSITES** **1005445352**
NNW **1901 E D ST** **RCRA NonGen / NLR** **WAH000016212**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.390 mi. **ECHO**
2060 ft. **Site 1 of 2 in cluster AX** **WA Financial Assurance**
WA MANIFEST

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Facility Id:	84615333

RCRA Listings:

Date Form Received by Agency:	2019-03-07 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Handler Address:	1901 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000016212
Contact Name:	SHANE ODOM
Contact Address:	HERITAGE-CRYSTAL CLEAN
Contact City,State,Zip:	ELGIN, IL 60123
Contact Telephone:	903-649-3610
Contact Fax:	Not reported
Contact Email:	SHANE.ODOM@CRYSTAL-CLEAN.COM
Contact Title:	ENVIRONMENTAL COMPLIANCE MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	State-specific Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	2212 PORT OF TACOMA RD
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	HERITAGE CRYSTAL CLEAN LLC
Owner Type:	Private
Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Storage
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:33:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC.
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARK B
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COASTAL RAILWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD., STE 375

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRON P
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2001-09-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SQG SPECIALISTS INC
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 EAST D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	LABOUNTY, MARIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2175 POINT BLVD STE 375
Owner/Operator City,State,Zip:	ELGIN, IL 60123
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	2017-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIAN LABOUNTY
Legal Status:	Private
Date Became Current:	2003-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1901 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2005-06-30 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3302 38TH AVE NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-9852
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS, MR MRS JOHN D
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3520 33RD ST CT NW
Owner/Operator City,State,Zip:	GIG HARBOR, WA 98335
Owner/Operator Telephone:	253-858-5788
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHOENIX ENVIRONMENTAL SVCS INC
Legal Status:	Private
Date Became Current:	2000-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-779-8474
Owner/Operator Telephone Ext:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HERITAGE CRYSTAL CLEAN LLC
Legal Status:	Private
Date Became Current:	2016-03-25 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2212 PORT OF TACOMA RD
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	877-938-7948
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-07-01 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-25 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-09-18 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-11 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-25 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-07-01 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-03-03 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-20 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Receive Date:	2005-05-19 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-24 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-08-25 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-03-01 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-26 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-02-29 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-03-01 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-09-18 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-28 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-02-27 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-27 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-04-26 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-05-05 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-19 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-19 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-07 00:00:00.0
Handler Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SQG SPECIALISTS INC EAST D ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325998
NAICS Description:	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING
NAICS Code:	562219
NAICS Description:	OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2013-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-06 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2015-02-20 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Authorization Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-11-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-06-18 00:00:00.0
Actual Return to Compliance Date:	2002-06-18 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	2002-06-18 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2002-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Processors and Re-refiners
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-09-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - General Information
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2013-03-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - General Information
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-08 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-09-21 00:00:00.0
Actual Return to Compliance Date:	2004-09-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2004-09-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2015-01-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-04-10 00:00:00.0
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2003-05-08 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-04-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Processors and Re-refiners
Date Violation was Determined:	2006-06-14 00:00:00.0
Actual Return to Compliance Date:	2006-07-13 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2006-08-30 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2006-08-02 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAEPF
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Tank System Standards
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Listing - General
Date Violation was Determined:	2013-02-12 00:00:00.0
Actual Return to Compliance Date:	2013-09-09 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-04-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Yes
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-10-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-06-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-09-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKSG
Evaluation Responsible Sub-Organization:	HQ
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-31 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-06 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-02-20 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-06-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-11-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WARMK
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-11-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-11-04 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2002-06-18 00:00:00.0
Scheduled Compliance Date:	2002-06-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-09-23 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-11-07 00:00:00.0
Evaluation Responsible Agency:	State

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAALF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-10-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Date:	2013-05-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-08 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-04 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0
Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2004-09-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2004-09-24 00:00:00.0
Scheduled Compliance Date:	2004-11-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-09-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-01-09 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-24 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-04-10 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-05-04 00:00:00.0
Scheduled Compliance Date:	2003-05-08 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-05-24 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAEPF
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2006-07-13 00:00:00.0
Scheduled Compliance Date:	2006-08-30 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-04-09 00:00:00.0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Scheduled Compliance Date:	2014-04-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-06-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANSB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-01-16 00:00:00.0
Scheduled Compliance Date:	2013-06-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-02-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-09-09 00:00:00.0
Scheduled Compliance Date:	2013-05-28 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110012557189

Click Here:

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005445352
Registry ID:	110012557189
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012557189
Name:	HERITAGE CRYSTAL CLEAN LLC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421

WA Financial Assurance 2:

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Corporate Guarantee
Cost Estimate:	$198,090.00
Policy Number:	N/A
Policy Effective Date:	05/13/2016
Policy Closure Date:	04/01/2017
Third Party Provider:	Heritage-Crystal Clean, Inc.
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	ALT I - Pass
As Of:	05/13/2016
Due Date:	04/01/2017
Year Submitted:	2016
FRR Complete:	False

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	UEC002320309
Policy Effective Date:	06/01/2016
Policy Closure Date:	05/31/2017
Third Party Provider:	XL Speciality Insurance
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	N/A
As Of:	06/01/2016
Due Date:	06/01/2017
Year Submitted:	2016
FRR Complete:	False
Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported
Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	GEC002320109
Policy Effective Date:	06/01/2016
Policy Closure Date:	05/31/2017
Third Party Provider:	Greenwich Insurance Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	N/A
As Of:	06/01/2016
Due Date:	06/01/2017
Year Submitted:	2016
FRR Complete:	False

Name:	D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Director of EH&S
Contact Name:	Scott Crandall
Contact Phone:	(813) 335-5341
Contact Fax:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Contact EMail:	Scott.Crandall@crystal-clean.com
Website:	www.crystal-clean.com
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Saturday after 12/31
Notes:	Not reported
Company Name:	Heritage-Crystal Clean, Inc.
Company Address 1:	2175 Point Boulevard
Company Address 2:	Suite 375
Company City:	Elgin
Company State:	IL
Company Zip:	60123
Last Updated:	03/08/2017
Inactive:	False
Inactive Date:	Not reported
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Not reported
Closure Plan Status:	Approved
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	Not reported
Original Approved Cost Estimate:	$149,980.76
Cost Estimate Status:	Facility's cost estimate accepted by Ecology
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	True
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	False
Closure Coverage Required:	True
Post Closure Required:	False
Liability Coverage Required:	True
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Corporate Guarantee
Cost Estimate:	$199,905.19
Policy Number:	N/A
Policy Effective Date:	04/01/2018
Policy Closure Date:	04/01/2019
Third Party Provider:	Heritage-Crystal Clean LLC
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	ALT I - Pass
As Of:	04/10/2018
Due Date:	04/01/2019
Year Submitted:	2018
FRR Complete:	True

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	EPK103282
Policy Effective Date:	02/26/2013
Policy Closure Date:	02/25/2014
Third Party Provider:	Crum & Forster
Ecology Reviewed:	True
Bond Rating:	N/A

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2014
FRR Complete:	False
Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	ENV031010-13-02
Policy Effective Date:	02/26/2013
Policy Closure Date:	02/25/2014
Third Party Provider:	American Safety Indemnity Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2013
FRR Complete:	False

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False
Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Insurance
Cost Estimate:	$2,000,000.00
Policy Number:	05PKG01385
Policy Effective Date:	02/26/2005
Policy Closure Date:	02/25/2006
Third Party Provider:	Evanston Insurance Company
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	Not reported
Due Date:	Not reported
Year Submitted:	2005
FRR Complete:	False

Name:	PHOENIX ENVIRONMENTAL - D STREET
Address:	1901 EAST D STREET
City,State,Zip:	TACOMA, WA 98421
Region:	2
EPA ID:	WAH000016212
Contact Title:	Not reported
Contact Name:	Mark Bridges
Contact Phone:	(253) 779-8474
Contact Fax:	Not reported
Contact EMail:	mark@phoenixenviro.com
Website:	http://www.phoenixenviro.com/home.htm
Facility Type:	Used Oil/Antifreeze Recycler
Fiscal Year End:	Not reported
Notes:	Facility sold to Heritage-Crystal Clean and financial assurance released 9/22/2016.
Company Name:	Phoenix Environmental
Company Address 1:	2212 Port of Tacoma Road
Company Address 2:	Not reported
Company City:	Tacoma
Company State:	WA
Company Zip:	98421
Last Updated:	01/24/2017
Inactive:	True
Inactive Date:	9/22/2016
Requires Info RCRA:	False
Requires Info MTCA:	False
Ecology Region Name:	Southwest
Ecology Reg Comp Staff:	Ron Kaufmann
Closure Plan Status:	Company sold
Closure Plan Submitted Date:	Not reported
Closure Plan Approved Date:	2/12/2015
Original Approved Cost Estimate:	$129,000.00
Cost Estimate Status:	Released from financial assurance requirements
Open Permitted:	False
Open Interim Status:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Open No Permit Required:	False
Permit Terminated:	False
In Closure:	False
Clean Closed:	False
Post Closure:	False
Corrective Action:	False
Voluntary Cleanup:	False
MTCA Cleanup:	False
CERCLA:	False
Other:	True
Closure Coverage Required:	False
Post Closure Required:	False
Liability Coverage Required:	False
Corrective Action Required:	False
Comments:	Not reported
Obligation Name:	Not reported
Mechanism Name:	Trust Fund
Cost Estimate:	$129,000.00
Policy Number:	XXXXX6482
Policy Effective Date:	Not reported
Policy Closure Date:	Not reported
Third Party Provider:	Fife Commercial Bank
Ecology Reviewed:	True
Bond Rating:	N/A
FTCG Name:	Not reported
As Of:	02/17/2015
Due Date:	Not reported
Year Submitted:	2015
FRR Complete:	False

WA MANIFEST:

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	155452
Sequence Number:	3400297
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8980
Quanity Unit:	LB
Kilograms Quanity:	4073.32807
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	1970681
Shipment Date:	2015-02-23 00:00:00
Mainfest Document ID:	009640826JJK
Reported Quanity:	500
Unit of Measure:	LB
Kilograms Quanity:	226.800003
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970682
Shipment Date:	2015-04-03 00:00:00
Mainfest Document ID:	009640864JJK
Reported Quanity:	600
Unit of Measure:	LB
Kilograms Quanity:	272.160004
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970688
Shipment Date:	2015-09-10 00:00:00
Mainfest Document ID:	009637512JJK
Reported Quanity:	480
Unit of Measure:	LB
Kilograms Quanity:	217.728003
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970685
Shipment Date:	2015-07-15 00:00:00
Mainfest Document ID:	009640967JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748
Waste Sequence Number:	3400297
Sequence Number:	1970687

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Shipment Date:	2015-08-28 00:00:00
Mainfest Document ID:	009637501JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970684
Shipment Date:	2015-06-03 00:00:00
Mainfest Document ID:	009640913JJK
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970691
Shipment Date:	2015-11-24 00:00:00
Mainfest Document ID:	009637579JJK
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970686
Shipment Date:	2015-07-23 00:00:00
Mainfest Document ID:	009640970JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970680
Shipment Date:	2015-02-13 00:00:00
Mainfest Document ID:	009640810JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970689
Shipment Date:	2015-10-21 00:00:00
Mainfest Document ID:	009637543JJK
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3400297
Sequence Number:	1970690
Shipment Date:	2015-10-30 00:00:00
Mainfest Document ID:	009637562JJK
Reported Quanity:	900

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	UTD991301748

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	895405
Received EPAID:	UTD991301748
Managed Quanity:	8980
Kilogram Quanity:	4073.32807
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	155452
Comments:	ANTIFREEZE/GLYCOL
Waste Sequence Number:	3400297
Sequence Number:	1

Waste Stream Source Code:

CORB Waste Sequence Number:	155452
Waste Sequence Number:	3400297
Sequence Number:	1
WCDD Code:	G13

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D039
Form Comm:	TBG: SPECIAL WASTE, SOLIDIFICATION
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	True
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	150245
Sequence Number:	3339769
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11360
Quanity Unit:	LB
Kilograms Quanity:	5152.89608
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	N
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	94900
KG Managed On Site:	209218.437
Generator Treatment Code:	Y
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	H100
WCDB Code:	W319
Description:	Wastewater Treatment sludge
CORb Sequence Number:	150245
Sequence Number:	3339816
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	94900
Quanity Unit:	LB
Kilograms Quanity:	43046.6407
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W204
Description:	Parts washer solvent D St
CORb Sequence Number:	150245
Sequence Number:	3339760
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Shipments Send:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	1838296
Shipment Date:	2014-09-26 00:00:00
Mainfest Document ID:	009640686JJK
Reported Quanity:	465
Unit of Measure:	LB
Kilograms Quanity:	210.924003
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838288
Shipment Date:	2014-12-30 00:00:00
Mainfest Document ID:	009640791JJK
Reported Quanity:	300
Unit of Measure:	LB
Kilograms Quanity:	136.080002
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3339769
Sequence Number:	1838293
Shipment Date:	2014-06-17 00:00:00
Mainfest Document ID:	009640587JJK
Reported Quanity:	950
Unit of Measure:	LB
Kilograms Quanity:	430.920007
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838292
Shipment Date:	2014-05-14 00:00:00
Mainfest Document ID:	009640564JJK
Reported Quanity:	1200
Unit of Measure:	LB
Kilograms Quanity:	544.320009
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838290
Shipment Date:	2014-02-13 00:00:00
Mainfest Document ID:	009640496JJK
Reported Quanity:	850
Unit of Measure:	LB
Kilograms Quanity:	385.560006
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838289
Shipment Date:	2014-01-28 00:00:00
Mainfest Document ID:	009640479JJK
Reported Quanity:	1535
Unit of Measure:	LB
Kilograms Quanity:	696.276011
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Sequence Number:	1838295
Shipment Date:	2014-09-09 00:00:00
Mainfest Document ID:	009640658JJK
Reported Quanity:	1023
Unit of Measure:	LB
Kilograms Quanity:	464.032807
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838294
Shipment Date:	2014-07-17 00:00:00
Mainfest Document ID:	009640623JJK
Reported Quanity:	1302
Unit of Measure:	LB
Kilograms Quanity:	590.587210
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838287
Shipment Date:	2014-11-26 00:00:00
Mainfest Document ID:	009640735JJK
Reported Quanity:	800
Unit of Measure:	LB
Kilograms Quanity:	362.880006
Receiving EPAID:	UTD991301748

Waste Sequence Number:	3339769
Sequence Number:	1838297
Shipment Date:	2014-10-24 00:00:00
Mainfest Document ID:	009640717JJK
Reported Quanity:	1535
Unit of Measure:	LB
Kilograms Quanity:	696.276011
Receiving EPAID:	NED981723513

Waste Sequence Number:	3339769
Sequence Number:	1838291
Shipment Date:	2014-04-04 00:00:00
Mainfest Document ID:	009640524JJK
Reported Quanity:	1400
Unit of Measure:	LB
Kilograms Quanity:	635.040010
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	853950
Received EPAID:	UTD991301748
Managed Quanity:	1100
Kilogram Quanity:	498.960008
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Sequence Number:	3339769
Sequence Number:	853949
Received EPAID:	NED981723513

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Managed Quanity:	10260
Kilogram Quanity:	4653.93608
Recycled Percentage:	0
Waste Management System Code:	H141
Waste Sequence Number:	3339760
Sequence Number:	853898
Received EPAID:	NED981723513
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream Comments:

CORB Waste Sequence Number:	150245
Comments:	ANTIFREEZE/GLYCOL
Waste Sequence Number:	3339769
Sequence Number:	1
Comments:	TBG:SOLIDIFICATION
Waste Sequence Number:	3339816
Sequence Number:	1

Waste Stream EPA Code:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339760
Sequence Number:	7563685
WCDA Code:	D001
Waste Sequence Number:	3339760
Sequence Number:	7563686
WCDA Code:	D039

Waste Stream Source Code:

CORB Waste Sequence Number:	150245
Waste Sequence Number:	3339769
Sequence Number:	1
WCDD Code:	G13
Waste Sequence Number:	3339816
Sequence Number:	1
WCDD Code:	G14
Waste Sequence Number:	3339760
Sequence Number:	1
WCDD Code:	G01

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	WT02

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Federal Waste Code Desc:	D001,D039
Form Comm:	TBG: Special waste, Solidification
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	True
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	B
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	61.1300000
KG Managed On Site:	269536.841
Generator Treatment Code:	Y
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	H110
WCDB Code:	W319
Description:	Wastewater Treatment sludge
CORb Sequence Number:	144759
Sequence Number:	3292806
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	122.260000
Quanity Unit:	ST
Kilograms Quanity:	110914.273
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Antifreeze Distillation Bottoms
CORb Sequence Number:	144759
Sequence Number:	3292784
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2064
Quanity Unit:	GAL
Kilograms Quanity:	7808.16167
Density Number:	8.33999999
Density Quanity:	PPG

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W204
Description:	Parts washer solvent D St
CORb Sequence Number:	144759
Sequence Number:	3292793
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	11
Quanity Unit:	GAL
Kilograms Quanity:	32.9313605
Density Number:	6.59999999
Density Quanity:	PPG

Shipment Received:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292795
Sequence Number:	9087946
Shipment Date:	2013-02-26 00:00:00
Manifest Document ID:	2130763
Unit of Measure:	GAL
Kilograms Quanity:	208.06632357874076
Sending FACID:	WAD988504668
FK Waste Management SY Code:	Not reported
WCDE Code:	H039
Reported Quanity:	55

Waste Sequence Number:	3292795
Sequence Number:	9087947
Shipment Date:	2013-12-30 00:00:00
Manifest Document ID:	2135739
Unit of Measure:	GAL
Kilograms Quanity:	174.01910699312864
Sending FACID:	WAD988504668
FK Waste Management SY Code:	Not reported
WCDE Code:	H039
Reported Quanity:	46

Shipments Send:

CORB Waste Sequence Number:	144759
Waste Sequence Number:	3292806
Sequence Number:	1747239
Shipment Date:	2013-10-07 00:00:00
Mainfest Document ID:	288824
Reported Quanity:	10.5
Unit of Measure:	ST
Kilograms Quanity:	9525.60016
Receiving EPAID:	NOIDNEEDED

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Sequence Number:	3292806
Sequence Number:	1747238
Shipment Date:	2013-09-24 00:00:00
Mainfest Document ID:	286867
Reported Quanity:	11.67
Unit of Measure:	ST
Kilograms Quanity:	10587.0241
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747240
Shipment Date:	2013-10-17 00:00:00
Mainfest Document ID:	290464
Reported Quanity:	10.35
Unit of Measure:	ST
Kilograms Quanity:	9389.52016
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747241
Shipment Date:	2013-11-11 00:00:00
Mainfest Document ID:	293719
Reported Quanity:	11.34
Unit of Measure:	ST
Kilograms Quanity:	10287.6481
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747242
Shipment Date:	2013-11-26 00:00:00
Mainfest Document ID:	295574
Reported Quanity:	8.33000000
Unit of Measure:	ST
Kilograms Quanity:	7556.97612
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292806
Sequence Number:	1747224
Shipment Date:	2013-08-28 00:00:00
Mainfest Document ID:	282776
Reported Quanity:	8.93999999
Unit of Measure:	ST
Kilograms Quanity:	8110.36813
Receiving EPAID:	NOIDNEEDED

Waste Sequence Number:	3292793
Sequence Number:	1747139
Shipment Date:	2013-08-24 00:00:00
Mainfest Document ID:	009640378JJK
Reported Quanity:	11
Unit of Measure:	GAL
Kilograms Quanity:	32.9313605
Receiving EPAID:	NED981723513

Waste Sequence Number:	3292784
Sequence Number:	1747118
Shipment Date:	2013-07-16 00:00:00

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mainfest Document ID:	009640341JJK
Reported Quanity:	180
Unit of Measure:	GAL
Kilograms Quanity:	680.944331
Receiving EPAID:	NED981723513
Waste Sequence Number:	3292784
Sequence Number:	1747122
Shipment Date:	2013-12-29 00:00:00
Mainfest Document ID:	009640461JJK
Reported Quanity:	209
Unit of Measure:	GAL
Kilograms Quanity:	790.652029
Receiving EPAID:	NED981723513
Waste Sequence Number:	3292784
Sequence Number:	1747121
Shipment Date:	2013-11-15 00:00:00
Mainfest Document ID:	009640438JJK
Reported Quanity:	200
Unit of Measure:	GAL
Kilograms Quanity:	756.604813
Receiving EPAID:	NED981723513
Waste Sequence Number:	3292784
Sequence Number:	1747119
Shipment Date:	2013-08-08 00:00:00
Mainfest Document ID:	009640359JJK
Reported Quanity:	220
Unit of Measure:	GAL
Kilograms Quanity:	832.265294
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	144759
Waste Sequence Number:	3292806
Sequence Number:	821614
Received EPAID:	NOIDNEEDED
Managed Quanity:	61.1300000
Kilogram Quanity:	55457.1369
Recycled Percentage:	0
Waste Management System Code:	H100
Waste Sequence Number:	3292793
Sequence Number:	821561
Received EPAID:	NED981723513
Managed Quanity:	11
Kilogram Quanity:	32.9313605
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	3292784
Sequence Number:	821547
Received EPAID:	NED981723513
Managed Quanity:	2064
Kilogram Quanity:	7808.16167
Recycled Percentage:	0

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 144759
Comments: Glycol from distillation process
Waste Sequence Number: 3292784
Sequence Number: 1

Comments: wastewater treatment sludge zinc, special waste
Waste Sequence Number: 3292806
Sequence Number: 1

Comments: Recycle antifreeze
Waste Sequence Number: 3292795
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 144759
Waste Sequence Number: 3292793
Sequence Number: 7350934
WCDA Code: D001

Waste Sequence Number: 3292793
Sequence Number: 7350935
WCDA Code: D039

Waste Stream Received:
CORB Sequence Number: 144759
Sequence Number: 3292795
Description: Spent Antifreeze
Mixed Radioactive Flag: False
Designation Code: D
Reported Quanity: 101
Quanity Unit: GAL
Kilograms Quanity: 382.08543057186944
Density Number: 8.3399999999999999
Denisty Unit: PPG
State Only Waste Code 1: Not reported
State Only Waste Code 2: WT02
WCDB Code: W113

Waste Stream Source Code:
CORB Waste Sequence Number: 144759
Waste Sequence Number: 3292793
Sequence Number: 1
WCDD Code: G01

Waste Sequence Number: 3292784
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 3292806
Sequence Number: 1
WCDD Code: G14

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:	1901 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	84615333
EPA ID:	WAH000016212
NAICS:	562219
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	True
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	True
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:		PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:		1901 E D ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Form Comm:	MOVING OUT OF STATE - EFFECTIVE August 31 2005 - New operator taking over the site effective Sept. 1 2005 No DW Waste receiving or managed after 8/24/2005 for SQG Specialists as operators at this site!
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	T
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602018071
Business Type:	Not reported
Mail Name:	Phoenix Environmental Svcs Inc
Mailing Address:	2212 Port of Tacoma Rd
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	Phoenix Environmental Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Mark Bridges
Legal Address:	2212 Port of Tacoma Rd
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)779-8474
Legal Effective Date:	05/31/2000
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2005
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	T
One Time Generation:	F

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	T
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Name:		PHOENIX ENVIRONMENTAL SVCS INC D ST
Address:		1901 E D ST
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		84615333
EPA ID:		WAH000016212
NAICS:		562219
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	
Form Comm:		MOVING OUT OF STATE - EFFECTIVE August 31 2005 - New operator taking over the site effective Sept. 1 2005 No DW Waste receiving or managed after 8/24/2005 for SQG Specialists as operators at this site!
Data Year:		Not reported
Permit by Rule:		No
Mailing Address 2:		Not reported
Treatment by Generator:		No
Mixed Radioactive Waste:		No
Importer of Hazardous Waste:		No
Immediate Recycler:		Yes
Treatment/Storage/Disposal/Recycling Facility:		No
Generator of Dangerous Fuel Waste:		No
Generator Marketing to Burner:		No
Other Marketers (i.e., blender, distributor, etc.):		No
Utility Boiler Burner:		No
Industry Boiler Burner:		No
Industrial Furnace:		No
Smelter Defferal:		No
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602018071
Business Type:		Not reported
Mail Name:		Phoenix Environmental Svcs Inc
Mailing Address:		2212 Port of Tacoma Rd
Mailing City,State,Zip:		Tacoma, WA 98421
Legal Organization Name:		Phoenix Environmental Svcs Inc
Legal Organization Type:		Private
Legal Contact:		Mark Bridges
Legal Address:		2212 Port of Tacoma Rd
Legal Address 2:		Not reported
Legal City,State,Zip:		Tacoma, WA 98421
Legal Phone Number:		(253)779-8474
Legal Effective Date:		05/31/2000

HERITAGE CRYSTAL CLEAN LLC D ST (Continued) **1005445352**

Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Mr & Mrs John D Nichols
Land Address:	3520 33rd St Ct NW
Land City,State,Zip:	Gig Harbor, WA 98335
Land Phone Number:	(253)858-5788
Operator Organization Name:	Phoenix Environmental Svcs Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2212 Port of Tacoma Rd
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)779-8474
Operator Effective Date:	06/30/2003
Site Contact:	Christine Bridges
Site Contact Address:	2212 Port of Tacoma Rd
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)779-8474
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	No
Batch Generation:	Yes
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	Yes
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	Yes
Used Oil Fuel Marketer Meets Specs:	Yes
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

AX190 **ALL SAFE ENVIRONMENTAL** **WA ALLSITES** **S109556776**
NNW **1901 E D ST STE A** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.390 mi.
2060 ft. **Site 2 of 2 in cluster AX**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	ALL SAFE ENVIRONMENTAL
Facility Id:	78312996

AW191 **HUNT MOTTET PARTNERS LLC** **WA ALLSITES** **1010337976**
WNW **2125 COMMERCE** **RCRA NonGen / NLR** **WAH000024897**
1/4-1/2 **TACOMA, WA 98402**
0.393 mi.
2076 ft. **Site 2 of 3 in cluster AW**

Relative:
Higher

Actual:
68 ft.

ALLSITES:

Name:	HUNT MOTTET PARTNERS LLC
Facility Id:	8876072

RCRA Listings:

Date Form Received by Agency:	2005-03-08 00:00:00.0
Handler Name:	HUNT MOTTET PARTNERS LLC
Handler Address:	2125 COMMERCE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAH000024897
Contact Name:	JEFF CRISAFULLI
Contact Address:	2125 COMMERCE ST STE 200
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-272-4878
Contact Fax:	Not reported
Contact Email:	JEFFC@HORIZON.TO
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2125 COMMERCE ST STE 200
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	HUNT MOTTET PARTNERS LLC
Owner Type:	Private
Operator Name:	CRISAFULLI, JEFF
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

HUNT MOTTET PARTNERS LLC (Continued) **1010337976**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 16:45:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PAR H
Legal Status:	Private

HUNT MOTTET PARTNERS LLC (Continued) **1010337976**

Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRISAFULLI, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2106 PACIFIC AVE STE 501
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	2004-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HUNT MOTTET PARTNERS LLC (Continued) **1010337976**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRISAFULLI, JEFF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2106 PACIFIC AVE STE 501
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF C
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported

HUNT MOTTET PARTNERS LLC (Continued) **1010337976**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HUNT MOTTET PARTNERS LLC
Legal Status:	Private
Date Became Current:	2004-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2125 COMMERCE ST STE 200
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-03-07 00:00:00.0
Handler Name:	HUNT MOTTET PARTNERS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-07 00:00:00.0
Handler Name:	HUNT MOTTET PARTNERS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-08 00:00:00.0
Handler Name:	HUNT MOTTET PARTNERS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-10-22 00:00:00.0
Handler Name:	HUNT MOTTET PARTNERS LLC

HUNT MOTTET PARTNERS LLC (Continued) **1010337976**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-07 00:00:00.0
Handler Name:	HUNT MOTTET PARTNERS LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53111
NAICS Description:	LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

AU192 **25TH & HOLGATE S TACOMA** **WA HSL** **1007080126**
West **25TH & HOLGATE S** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.397 mi. **FINDS**
2095 ft. **Site 2 of 6 in cluster AU**

Relative:
Higher

Actual:
116 ft.

HSL:

Name:	25TH & HOLGATE S TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	16358
Rank:	3
Region:	SW
EDR Link ID:	16358

25TH & HOLGATE S TACOMA (Continued) **1007080126**

Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	25TH & HOLGATE S TACOMA
Address:	25TH & HOLGATE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	16358
Region:	Southwest
Lat/Long:	47.23858 / -122.43743
Clean Up Siteid:	1763
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	25TH & HOLGATE S TACOMA
Address:	25TH & HOLGATE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	16358
Region:	Southwest
Lat/Long:	47.23858 / -122.43743
Clean Up Siteid:	1763
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	25TH & HOLGATE S TACOMA
Facility Id:	16358

FINDS:

Registry ID: 110015568447

Click Here:

25TH & HOLGATE S TACOMA (Continued) **1007080126**

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AU193 **UNION PACIFIC RAILROAD TUNNEL** **SEMS** **1000337530**
West **JEFFERSON 25TH & CENTER YAKIMA** **WAD980723613**
1/4-1/2 **TACOMA, WA 98421**
0.398 mi.
2102 ft. **Site 3 of 6 in cluster AU**

Relative:
Higher

Actual:
115 ft.

SEMS:

Site ID:	1000963
EPA ID:	WAD980723613
Name:	UNION PACIFIC RAILROAD TUNNEL
Address:	JEFFERSON 25TH & CENTER YAKIMA
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98421
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1000963
EPA ID:	WAD980723613
Site Name:	UNION PACIFIC RAILROAD TUNNEL
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-01-01 05:00:00
Finish Date:	1/1/1981 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000963
EPA ID:	WAD980723613
Site Name:	UNION PACIFIC RAILROAD TUNNEL
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1982-02-01 05:00:00

UNION PACIFIC RAILROAD TUNNEL (Continued) **1000337530**

Finish Date:	2/1/1982 5:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	10
Site ID:	1000963
EPA ID:	WAD980723613
Site Name:	UNION PACIFIC RAILROAD TUNNEL
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1982-02-01 05:00:00
Finish Date:	7/1/1982 4:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf

AY194
WNW
1/4-1/2
0.402 mi.
2121 ft.

PHASE I & II DOWNTOWN UTILITIES IMPROVEMENT
SOUTH 9TH TO SOUTH 13TH ST
TACOMA, WA 98402

Site 1 of 5 in cluster AY

WA ALLSITES **S112088450**
N/A

Relative:
Higher
Actual:
56 ft.

ALLSITES:

Name:	PHASE I & II DOWNTOWN UTILITIES IMPROVEMENT
Facility Id:	5406

AT195
West
1/4-1/2
0.402 mi.
2122 ft.

ROBERT BROWN PROPERTY
2340 S HOLGATE ST
TACOMA, WA 98402

Site 3 of 5 in cluster AT

WA ALLSITES **U004120653**
N/A

Relative:
Higher
Actual:
107 ft.

ALLSITES:

Name:	ROBERT BROWN PROPERTY
Facility Id:	9582257

AW196
WNW
1/4-1/2
0.402 mi.
2124 ft.

HUNT & MOTTET SEATTLE HDWE A LTD PRT
2112 PACIFIC AVE
TACOMA, WA 98401

Site 3 of 3 in cluster AW

WA LUST **1007072062**
WA UST **N/A**
WA ALLSITES
WA CSCSL NFA
FINDS

Relative:
Higher
Actual:
61 ft.

LUST:

Name:	HUNT & MOTTET SEATTLE HDWE
Address:	2112 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98401
Facility ID:	35816943
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8861
Cleanup Unit Type:	Not reported
Process Type:	Not reported

HUNT & MOTTET SEATTLE HDWE A LTD PRT (Continued) **1007072062**

Cleanup Unit Name:	HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
Response Section:	Southwest
Release Date:	08/04/1995
Lust Date:	08/30/2012
Region:	Southwest
Lust ID:	3967
UST ID:	10191
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2425747 / -122.43648

Name:	HUNT & MOTTET SEATTLE HDWE
Address:	2112 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98401
Facility ID:	35816943
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8861
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
Response Section:	Southwest
Release Date:	08/04/1995
Lust Date:	08/30/2012
Region:	Southwest
Lust ID:	3967
UST ID:	10191
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2425747 / -122.43648

Name:	HUNT & MOTTET SEATTLE HDWE
Address:	2112 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98401
Facility ID:	35816943
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8861
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
Response Section:	Southwest
Release Date:	08/04/1995
Lust Date:	08/30/2012
Region:	Southwest
Lust ID:	3967
UST ID:	10191
Contaminant Name:	Benzene
Ground Water:	Not reported

HUNT & MOTTET SEATTLE HDWE A LTD PRT (Continued) **1007072062**

Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2425747 / -122.43648

Name:	HUNT & MOTTET SEATTLE HDWE
Address:	2112 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98401
Facility ID:	35816943
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8861
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
Response Section:	Southwest
Release Date:	08/04/1995
Lust Date:	08/30/2012
Region:	Southwest
Lust ID:	3967
UST ID:	10191
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2425747 / -122.43648

UST:

Name:	HUNT & MOTTET
Address:	2112 PACIFIC AVE PO BOX 1878
City:	TACOMA
Zip:	98401
Facility ID:	35816943
Site Id:	10191
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2425747349302
Decimal Longitude:	-122.436486355528

Tank Name:	#1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported

HUNT & MOTTET SEATTLE HDWE A LTD PRT (Continued) **1007072062**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	HUNT & MOTTET SEATTLE HDWE A LTD PRT
Facility Id:	35816943

CSCSL NFA:

Name:	HUNT & MOTTET SEATTLE HDWE
Address:	2112 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98401
Facility/Site Id:	35816943
CS Id:	8861
NFA Date:	08/30/2012
Alternate Site Names:	HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242574735
Longitude:	-122.43648636

Name:	HUNT & MOTTET SEATTLE HDWE
Address:	2112 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98401
Facility/Site Id:	35816943
CS Id:	8861
NFA Date:	08/30/2012
Alternate Site Names:	HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242574735

HUNT & MOTTET SEATTLE HDWE A LTD PRT (Continued) **1007072062**

Longitude: -122.43648636

Name: HUNT & MOTTET SEATTLE HDWE
Address: 2112 PACIFIC AVE
City,State,Zip: TACOMA, WA 98401
Facility/Site Id: 35816943
CS Id: 8861
NFA Date: 08/30/2012
Alternate Site Names: HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Other Non-Halogenated Organics
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.242574735
Longitude: -122.43648636

Name: HUNT & MOTTET SEATTLE HDWE
Address: 2112 PACIFIC AVE
City,State,Zip: TACOMA, WA 98401
Facility/Site Id: 35816943
CS Id: 8861
NFA Date: 08/30/2012
Alternate Site Names: HUNT & MOTTET,HUNT & MOTTET SEATTLE HDWE A LTD PRT
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Petroleum-Gasoline
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.242574735
Longitude: -122.43648636

FINDS:
Registry ID: 110015486838

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AZ197 **PACIFIC TRANSPORTATION GROUP 19TH ST** **WA ALLSITES** **1000252079**
North **440 E 19TH ST** **WA CSCSL NFA** **WAD009497462**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.403 mi. **FINDS**
2130 ft. **Site 1 of 2 in cluster AZ** **ECHO**

Relative:
Lower

Actual:
9 ft.

ALLSITES:

Name:	SUPERVALUE INC BLDG 105
Facility Id:	1243

CSCSL NFA:

Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1243
CS Id:	4367
NFA Date:	01/16/1996
Alternate Site Names:	PACIFIC STORAGE,Pacific Transportation Group,PACIFIC TRANSPORTATION GROUP 19TH ST,PACIFIC TRANSPORTATION GROUP INC,SUPERVALU INC BLDG 105
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24536
Longitude:	-122.42885

Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	1243
CS Id:	4367
NFA Date:	01/16/1996
Alternate Site Names:	PACIFIC STORAGE,Pacific Transportation Group,PACIFIC TRANSPORTATION GROUP 19TH ST,PACIFIC TRANSPORTATION GROUP INC,SUPERVALU INC BLDG 105
NFA Reason:	NFA-Independent Cleanup Reviewed by Ecology
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24536
Longitude:	-122.42885

RCRA Listings:

Date Form Received by Agency:	1990-02-27 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Handler Address:	440 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

EPA ID:	WAD009497462
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 910
Mailing City,State,Zip:	ROY, WA 98580
Owner Name:	PACIFIC TRANSPORTATION GROUP
Owner Type:	Private
Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:02:46.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PACIFIC TRANSPORTATION GROUP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	440 E 19TH ST

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-02-26 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-02-27 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-02-26 00:00:00.0
Handler Name:	PACIFIC TRANSPORTATION GROUP 19TH ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

PACIFIC TRANSPORTATION GROUP 19TH ST (Continued) **1000252079**

No Evaluations Found:

FINDS:
Registry ID: 110005314999

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000252079
Registry ID:	110005314999
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005314999
Name:	SUPERVALUE INC BLDG 105
Address:	440 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

BA198 **ASSOCIATED PETROLEUM** **WA CSCSL** **S115348459**
ENE **1214 PUYALLUP AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.405 mi.
2139 ft. **Site 1 of 5 in cluster BA**

Relative:
Lower

Actual:
23 ft.

CSCSL:

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels

ASSOCIATED PETROLEUM (Continued) **S115348459**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Benzene
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473

ASSOCIATED PETROLEUM (Continued) **S115348459**

Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Mercury
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Metals - Other
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ASSOCIATED PETROLEUM
Address: 1214 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 4676
Region: Southwest
Lat/Long: 47.241702173378 / -122.4165207473
Clean Up Siteid: 12514
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Below Cleanup Levels
Surface Water: Not reported

ASSOCIATED PETROLEUM (Continued) **S115348459**

Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest
Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	ASSOCIATED PETROLEUM
Address:	1214 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	4676
Region:	Southwest

ASSOCIATED PETROLEUM (Continued) **S115348459**

Lat/Long:	47.241702173378 / -122.4165207473
Clean Up Siteid:	12514
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ASSOCIATED PETROLEUM PRODUCTS,ASSOCIATED PETROLEUM PRODUCTS,INC.,Red Bull LLC,Red Bulls Bar & grill
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	ASSOCIATED PETROLEUM
Facility Id:	4676

BB199 **NICHOLS TRUCKING CO INC** **WA LUST** **S110689454**
North **424 E 19TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.406 mi. **WA SPILLS**
2145 ft. **Site 1 of 2 in cluster BB** **WA NPDES**

Relative:
Lower

Actual:
9 ft.

LUST:

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Metals - Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Lust ID:	5704
UST ID:	11950
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2451 / -122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	11174741
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7877
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	NICHOLS TRUCKING CO INC
Response Section:	Southwest
Release Date:	11/12/2001
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	5704
UST ID:	11950
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Lat/Long: 47.2451 / -122.42901

ALLSITES:
Name: NICHOLS TRUCKING CO INC
Facility Id: 11174741

CSCSL NFA:
Name: NICHOLS TRUCKING CO
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 11174741
CS Id: 7877
NFA Date: 08/29/2012
Alternate Site Names: NICHOLS TRUCKING CO INC
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Benzene
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.2451
Longitude: -122.42901

Name: NICHOLS TRUCKING CO
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 11174741
CS Id: 7877
NFA Date: 08/29/2012
Alternate Site Names: NICHOLS TRUCKING CO INC
NFA Reason: NFA-Initial Investigation
Site Status: NFA
Region: Southwest
Contaminant Name: Metals - Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Latitude: 47.2451
Longitude: -122.42901

Name: NICHOLS TRUCKING CO
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421
Facility/Site Id: 11174741
CS Id: 7877
NFA Date: 08/29/2012
Alternate Site Names: NICHOLS TRUCKING CO INC
NFA Reason: NFA-Initial Investigation
Site Status: NFA

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012
Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

Name:	NICHOLS TRUCKING CO
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	11174741
CS Id:	7877
NFA Date:	08/29/2012

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Alternate Site Names:	NICHOLS TRUCKING CO INC
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.2451
Longitude:	-122.42901

SPILLS:

Name:	Not reported
Address:	424 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	623776
Medium:	SOIL
Material Desc:	PETROLEUM - OIL OTHER
Material Qty:	1
Material Units:	GALLON
Date Received:	12/02/2010
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421-1501
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24510000
Longitude:	-122.429010
Permit ID:	WAR000344
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024

NICHOLS TRUCKING CO INC (Continued) **S110689454**

Effective Date: 01/01/2020
Days to Expiration: -1632

BB200 **NICHOLS TRUCKING CO INC** **WA UST** **1000696900**
North **424 E 19TH ST** **WA ICR** **WAD988505335**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.406 mi. **FINDS**
2145 ft. **Site 2 of 2 in cluster BB** **ECHO**

Relative:
Lower

Actual:
9 ft.

UST:

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421
Facility ID:	11174741
Site Id:	11950
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2451
Decimal Longitude:	-122.42901
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Tank Closure Date:	08/10/2005
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	NICHOLS TRUCKING CO INC
Address:	424 E 19TH ST
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	10/31/2001
Tank Install Date:	02/18/1977
Tank Closure Date:	08/10/2005
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	25 Gallons or less
Tank Overfill Prevention:	25 Gallons or less
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	No Piping Attached to Tank
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Other
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Other
Pipe Pumping System:	Product Removed by Reclaimer
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	06/17/02
Contaminants Found at Site:	Petroleum products

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Not reported
Site Register Issue:	98-49
County Code:	27
Contact:	Not reported
Report Title:	UST Removal Project

Date Ecology Received Report:	07/26/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-51
County Code:	27
Contact:	Not reported
Report Title:	Final Voluntary Cleanup Report

RCRA Listings:

Date Form Received by Agency:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Handler Address:	424 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421-1501
EPA ID:	WAD988505335
Contact Name:	JAY JOHNSON
Contact Address:	7272 CLEANWATER LANE MSLU11
Contact City,State,Zip:	OLYMPIA, WA 98504
Contact Telephone:	360-753-3028
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7272 CLEANWATER LANE MSLU11
Mailing City,State,Zip:	OLYMPIA, WA 98504
Owner Name:	NICHOLS TRUCKIN N
Owner Type:	Private
Operator Name:	NICHOLS TRUCKIN N
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:12:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NICHOLS TRUCKIN N
Legal Status:	Private
Date Became Current:	1992-04-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKING CO INC
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NICHOLS TRUCKIN N
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	424 E. 19TH ST.
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1501
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-04-28 00:00:00.0
Handler Name:	NICHOLS TRUCKING CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 48411
NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-02-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: WAJNJ
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

NICHOLS TRUCKING CO INC (Continued) **1000696900**

Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005374816

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000696900
Registry ID: 110005374816
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005374816
Name: NICHOLS TRUCKING CO INC
Address: 424 E 19TH ST
City,State,Zip: TACOMA, WA 98421

AZ201 **SUPERVALU MEAT WAREHOUSE** **WA ALLSITES** **1007066897**
North **475 E 19TH ST** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.406 mi. **WA NPDES**
2145 ft. **Site 2 of 2 in cluster AZ**

Relative:
Lower

Actual:
9 ft.

ALLSITES:
Name: SUPERVALU INC MEAT
Facility Id: 67349491

FINDS:
Registry ID: 110015434859

Click Here:

Environmental Interest/Information System:

SUPERVALU MEAT WAREHOUSE (Continued) **1007066897**

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007066897
Registry ID:	110015434859
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015434859
Name:	SUPERVALU MEAT WAREHOUSE
Address:	475 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

NPDES:

Name:	SUPERVALU MEAT WAREHOUSE TRUCK MAIN
Address:	475 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421-1514
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.245376
Longitude:	-122.429847
Permit ID:	WAR011774
Permit Version:	2
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024

SUPERVALU MEAT WAREHOUSE (Continued) **1007066897**

Effective Date: 01/01/2020
Days to Expiration: -1632

AT202
West
1/4-1/2
0.407 mi.
2148 ft.

RAINIER INSULATION INC
2338 HOLGATE ST S
TACOMA, WA 98402

WA ALLSITES **S107154207**
WA SPILLS **N/A**

Site 4 of 5 in cluster AT

Relative:
Higher

Actual:
109 ft.

ALLSITES:

Name:	RAINIER INSULATION INC
Facility Id:	96196854

SPILLS:

Name:	AREO
Address:	2338 HOLGATE ST S
City,State,Zip:	TACOMA, WA
Facility ID:	547509
Medium:	Not reported
Material Desc:	PETROLEUM - OIL OTHER
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	04/15/2005
Contact Name:	DOVER
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

AY203
WNW
1/4-1/2
0.407 mi.
2149 ft.

WA DOT DEDENTE BUILDING
2101 PACIFIC AVENUE
TACOMA, WA 98402

WA CSCSL **U003759243**
WA LUST **N/A**
WA UST
WA ALLSITES

Site 2 of 5 in cluster AY

Relative:
Higher

Actual:
56 ft.

CSCSL:

Name:	WA DOT DEDENTE BLDG SITE
Address:	2101 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	92371125
Region:	Southwest
Lat/Long:	47.242797715810 / -122.4356487293
Clean Up Siteid:	11064
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	WA DOT DEDENTE BUILDING
Site Rank:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	WA DOT DEDENTE BLDG SITE
Address:	2101 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	92371125
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	11064
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	WA DOT DEDENTE BUILDING
Response Section:	Southwest
Release Date:	07/06/1995
Lust Date:	07/06/1995
Region:	Southwest
Lust ID:	5620
UST ID:	556471
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2427977 / -122.43564

UST:

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402
Facility ID:	92371125
Site Id:	556471
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2427977158105
Decimal Longitude:	-122.435648729325
Tank Name:	USTE
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402

Tank Name:	USTN
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WA DOT DEDENTE BUILDING
Address:	2101 PACIFIC AVENUE
City:	TACOMA
Zip:	98402

Tank Name:	USTS

WA DOT DEDENTE BUILDING (Continued) **U003759243**

Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	01/17/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WA DOT DEDENTE BLDG SITE
Facility Id:	92371125

AY204 **WDOT** **WA ICR** **S104873241**
WNW **2101 PACIFIC AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.407 mi.
2149 ft. **Site 3 of 5 in cluster AY**

Relative:
Higher

Actual:
56 ft.

ICR:

Date Ecology Received Report:	01/17/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Independent Remedial Action Report

AT205 West 1/4-1/2 0.408 mi. 2155 ft. | **MRP 2009-26 SOUTH TACOMA WAY**
S TACOMA WAY S C ST & S 25TH ST
TACOMA, WA 98409 | **WA ALLSITES** | **S114529134**
N/A

Site 5 of 5 in cluster AT

Relative: Higher
Actual: 111 ft.

ALLSITES:
Name: MRP 2009-26 SOUTH TACOMA WAY
Facility Id: 24948

AY206 WNW 1/4-1/2 0.409 mi. 2158 ft. | **PUGNETTI PARK**
2085 PACIFIC AVE S
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES
FINDS | **1007071036**
N/A

Site 4 of 5 in cluster AY

Relative: Higher
Actual: 56 ft.

HSL:

Name:	PUGNETTI PARK
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	42385149
Rank:	2
Region:	SW
EDR Link ID:	42385149
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	PUGNETTI PARK
Address:	2085 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	42385149
Region:	Southwest
Lat/Long:	47.243418573863 / -122.4358456263
Clean Up Siteid:	4448
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUGNETTI PARK
Address:	2085 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	42385149

PUGNETTI PARK (Continued) **1007071036**

Region: Southwest
Lat/Long: 47.243418573863 / -122.4358456263
Clean Up Siteid: 4448
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Confirmed Above Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: PUGNETTI PARK
Facility Id: 42385149

FINDS:
Registry ID: 110015476509

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AU207 **ALL COTE COATINGS INC HOLGATE ST** **WA ALLSITES** **1004794839**
WSW **2510 S HOLGATE ST** **RCRA NonGen / NLR** **WAH000011262**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.410 mi. **ECHO**
2164 ft. **Site 4 of 6 in cluster AU**

Relative: Higher
Actual: 120 ft.

ALLSITES:
Name: ALL COTE COATINGS INC HOLGATE ST
Facility Id: 39362574

RCRA Listings:
Date Form Received by Agency: 2001-06-26 00:00:00.0
Handler Name: ALL COTE COATINGS INC HOLGATE ST
Handler Address: 2510 S HOLGATE ST
Handler City,State,Zip: TACOMA, WA 98402
EPA ID: WAH000011262
Contact Name: FORREST GERMAN
Contact Address: 2510 S HOLGATE ST
Contact City,State,Zip: TACOMA, WA 98402
Contact Telephone: 253-572-2549

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2510 S HOLGATE ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ALL COTE COATINGS INC
Owner Type:	Private
Operator Name:	ALL COTE COATINGS INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 20:02:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FORREST G
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL COTE COATINGS INC

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROY B
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALL COTE COATINGS INC
Legal Status:	Private
Date Became Current:	2000-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2510 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-06-25 00:00:00.0
Handler Name:	ALL COTE COATINGS INC HOLGATE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-06-25 00:00:00.0
Handler Name:	ALL COTE COATINGS INC HOLGATE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-06-26 00:00:00.0
Handler Name:	ALL COTE COATINGS INC HOLGATE ST
Federal Waste Generator Description:	Not a generator, verified

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-07 00:00:00.0
Handler Name:	ALL COTE COATINGS INC HOLGATE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-16 00:00:00.0
Handler Name:	ALL COTE COATINGS INC HOLGATE ST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-06-25 00:00:00.0
Handler Name:	ALL COTE COATINGS INC HOLGATE ST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23839
NAICS Description:	OTHER BUILDING FINISHING CONTRACTORS

Facility Has Received Notices of Violation:

No Violations Found:

ALL COTE COATINGS INC HOLGATE ST (Continued) **1004794839**

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005397427

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004794839
Registry ID:	110005397427
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005397427
Name:	ALL COTE COATINGS INC HOLGATE ST
Address:	2510 S HOLGATE ST
City,State,Zip:	TACOMA, WA 98402

BC208 **CARACOL DESIGN** **WA ALLSITES** **1005445170**
WSW **2514 S HOLGATE ST** **RCRA NonGen / NLR** **WAH000014290**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.411 mi. **ECHO**
2168 ft. **Site 1 of 2 in cluster BC**

Relative: Higher

Actual: 120 ft.

ALLSITES:

Name:	CARACOL DESIGN
Facility Id:	78172487

RCRA Listings:

Date Form Received by Agency:	2003-03-19 00:00:00.0
Handler Name:	CARACOL DESIGN
Handler Address:	2514 S HOLGATE ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAH000014290
Contact Name:	JAN MARSHALL
Contact Address:	2308 S HOLGATE ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-428-8280
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

CARACOL DESIGN (Continued) **1005445170**

Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2308 S HOLGATE ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	FORREST GERMAN
Owner Type:	Private
Operator Name:	CARACOL DESIGN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-25 12:56:43.0

CARACOL DESIGN (Continued) **1005445170**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FORREST G
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERMAN, FORREST
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FORREST GERMAN
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERMAN, FORREST
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CARACOL DESIGN (Continued) **1005445170**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FORREST GERMAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERMAN, FORREST
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FORREST GERMAN
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARACOL DESIGN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2514 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERMAN, FORREST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported

CARACOL DESIGN (Continued) **1005445170**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARACOL DESIGN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2514 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERMAN, FORREST
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARACOL DESIGN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2514 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FORREST GERMAN
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GERMAN, FORREST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST

CARACOL DESIGN (Continued) **1005445170**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FORREST GERMAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FORREST GERMAN
Legal Status:	Private
Date Became Current:	2001-03-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2501 S HOOD ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-2549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CARACOL DESIGN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2514 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-03-18 00:00:00.0
Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-03-18 00:00:00.0

CARACOL DESIGN (Continued) **1005445170**

Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-19 00:00:00.0
Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-15 00:00:00.0
Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-05-31 00:00:00.0
Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported

CARACOL DESIGN (Continued) **1005445170**

Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-18 00:00:00.0
Handler Name:	CARACOL DESIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23731
NAICS Description:	HIGHWAY, STREET, AND BRIDGE CONSTRUCTION

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

CARACOL DESIGN (Continued) **1005445170**

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WALCW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110012561735

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005445170
Registry ID:	110012561735
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012561735
Name:	CARACOL DESIGN
Address:	2514 S HOLGATE ST
City,State,Zip:	TACOMA, WA 98402

AU209 **MAR JON CONTRACTORS INC** **WA UST** **U003354329**
West **2512 HOLGATE ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.413 mi.
2180 ft. **Site 5 of 6 in cluster AU**

Relative:
Higher

Actual:
123 ft.

UST:

Name:	MAR JON CONTRACTORS INC
Address:	2512 HOLGATE ST
City:	TACOMA
Zip:	98402
Facility ID:	51581124

MAR JON CONTRACTORS INC (Continued) **U003354329**

Site Id:	3972
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.238161
Decimal Longitude:	-122.438424

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed - No Site Assessment Found
Tank Status Date:	05/25/1993
Tank Install Date:	12/31/1964
Tank Closure Date:	02/27/2020
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	MAR JON CONTRACTORS INC
Facility Id:	51581124

AY210 **PHASE II DOWNTOWN UTILITIES IMPROVEMENT** **WA ALLSITES** **S112074931**
WNW **SOUTH 21ST TO SOUTH 25TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.413 mi.
2183 ft. **Site 5 of 5 in cluster AY**

Relative:
Higher

Actual:
58 ft.

ALLSITES:

Name:	PHASE II DOWNTOWN UTILITIES IMPROVEMENT
Facility Id:	13400

211 West 1/4-1/2 0.414 mi. 2186 ft. | **TACOMA CITY OF, GROUNDS MAINTENANCE**
2308 S HOLGATE ST
TACOMA, WA 98402

WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

1004793765
WAD981760770

Relative: Higher

Actual: 107 ft.

ALLSITES:

Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Facility Id:	27828397

RCRA Listings:

Date Form Received by Agency:	2015-03-19 00:00:00.0
Handler Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Handler Address:	2308 S HOLGATE ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD981760770
Contact Name:	MARK TVEIT
Contact Address:	3510 S MULLEN ST
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-593-7708
Contact Fax:	Not reported
Contact Email:	MTVEIT@CITYOFTACOMA.ORG
Contact Title:	Not reported
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST RM 774
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	TACOMA CITY OF
Owner Type:	Private
Operator Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 13:27:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FRANCIS, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM B8
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5096
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON F
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM B8
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5096
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FRANCIS, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM B8
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5096
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FRANCIS, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM B8
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5096
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF T
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY OF
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 744
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5449
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY FLEET SERVICES SHOP 3
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3639 SO PINE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA CITY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 132
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5805
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOWERS, WILLIAM
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2308 S HOLGATE ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-03-02 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-06 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-03 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-03-19 00:00:00.0
Handler Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-23 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Receive Date:	1998-03-03 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-03 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-24 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-15 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-25 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-05 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-12 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-02 00:00:00.0
Handler Name:	TACOMA CITY GENERAL SVC FLEET DIV SHOP3
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-12-03 00:00:00.0
Handler Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2013-02-07 00:00:00.0
Handler Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-02-27 00:00:00.0
Handler Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-03-18 00:00:00.0
Handler Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT
NAICS Code:	921190
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

FINDS:
Registry ID: 110005340185

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793765
Registry ID:	110005340185
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005340185
Name:	TACOMA CITY GROUNDS MAINTENANCE
Address:	2308 S HOLGATE ST
City,State,Zip:	TACOMA, WA 98402

WA MANIFEST:

Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Address:	2308 S HOLGATE ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	27828397
EPA ID:	WAD981760770
NAICS:	921190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Municipal Ground Maint
Mail Name:	Tacoma City of
Mailing Address:	747 Market St Rm 774
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	Tacoma City of
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-591-5449
Legal Effective Date:	05/02/1996
Land Organization Name:	Tacoma City of
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-591-5449
Operator Organization Name:	Tacoma City of, Grounds Maintenance
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	253-591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	253-591-5449
Site Contact Email:	jdavis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Address:	2308 S HOLGATE ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Facility ID:	27828397
EPA ID:	WAD981760770
NAICS:	921190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	No regulated waste generated from this site in 2013.
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Municipal Ground Maint
Mail Name:	Tacoma City of
Mailing Address:	747 Market St Rm 774
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	Tacoma City of
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-591-5449
Legal Effective Date:	05/02/1996
Land Organization Name:	Tacoma City of
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-591-5449
Operator Organization Name:	Tacoma City of, Grounds Maintenance
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	253-591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	253-591-5449
Site Contact Email:	jdavis@cityoftacoma.org
Gen Status Code:	XQG

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TACOMA CITY OF, GROUNDS MAINTENANCE
Address:	2308 S HOLGATE ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	27828397
EPA ID:	WAD981760770
NAICS:	921190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Municipal Ground Maint
Mail Name:	Tacoma City of
Mailing Address:	747 Market St Rm 774
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	Tacoma City of
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 744
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	253-591-5449

TACOMA CITY OF, GROUNDS MAINTENANCE (Continued) **1004793765**

Legal Effective Date:	05/02/1996
Land Organization Name:	Tacoma City of
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 744
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	253-591-5449
Operator Organization Name:	Tacoma City of, Grounds Maintenance
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	747 Market St Rm 744
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	253-591-5449
Operator Effective Date:	Not reported
Site Contact:	Justin Davis
Site Contact Address:	747 Market St Rm 744
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	253-591-5449
Site Contact Email:	jdavis@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

BD212 **JOHNNYS DOCK MARINA** **WA ALLSITES** **S109552363**
NNW **1900 E D ST** **WA SPILLS** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.415 mi.
2191 ft. **Site 1 of 2 in cluster BD**

Relative:
Lower

Actual:
9 ft.

ALLSITES:

Name:	JOHNNYS DOCK MARINA
Facility Id:	1511390

SPILLS:

Name:	V/ HALE VICTOR
Address:	1900 E D ST
City,State,Zip:	TACOMA, WA
Facility ID:	656962
Medium:	SURFACE WATER-MARINE
Material Desc:	DUST
Material Qty:	1
Material Units:	OTHER

JOHNNYS DOCK MARINA (Continued) **S109552363**

Date Received:	05/22/2015
Contact Name:	Unknown
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

BA213
ENE
1/4-1/2
0.416 mi.
2199 ft.

LD KITCHEN AND BATH
1201 PUYALLUP AVE
TACOMA, WA 98421

WA ALLSITES
FINDS
WA MANIFEST
WA UIC

1011971766
N/A

Site 2 of 5 in cluster BA

Relative:
Lower

Actual:
21 ft.

ALLSITES:

Name:	ARCHITECTURAL WOODS INC PUYALLUP AVE
Facility Id:	6138716
Name:	FORMER PUYALLUP AVENUE GAS STATION
Facility Id:	32560
Name:	LD KITCHEN & BATH
Facility Id:	950

FINDS:

Registry ID: 110037905489

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Registry ID: 110064389148

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

LD KITCHEN AND BATH (Continued) **1011971766**

WA MANIFEST:

Name:		TAFT PROPERTIES LLC
Address:		1201 PUYALLUP AVE
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		950
EPA ID:		WAH000051124
NAICS:		447190
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D008	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		602743110
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		6702 77th St W
Mailing City,State,Zip:		Lakewood, WA 98499
Legal Organization Name:		Taft Properties LLC
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		6702 77th St W
Legal Address 2:		Not reported
Legal City,State,Zip:		Lakewood, WA 98499
Legal Phone Number:		(253)227-3776
Legal Effective Date:		01/01/1983
Land Organization Name:		Taft Properties LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		6702 77th St W
Land City,State,Zip:		Lakewood, WA 98499
Land Phone Number:		(253)227-3776
Operator Organization Name:		Taft Properties LLC
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		6702 77th St W
Operator Address 2:		Not reported
Operator City,State,Zip:		Lakewood, WA 98499
Operator Phone Number:		(253)227-3776
Operator Effective Date:		01/01/1983
Site Contact:		Not reported

LD KITCHEN AND BATH (Continued) **1011971766**

Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TAFT PROPERTIES LLC
Address:	1201 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	950
EPA ID:	WAH000051124
NAICS:	447190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602743110
Business Type:	former gas station
Mail Name:	Taft Properties LLC
Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private

LD KITCHEN AND BATH (Continued) **1011971766**

Legal Contact:		Not reported
Legal Address:		6702 77th St W
Legal Address 2:		Not reported
Legal City,State,Zip:		Lakewood, WA 98499
Legal Phone Number:		253-227-3776
Legal Effective Date:		01/01/1983
Land Organization Name:		Taft Properties LLC
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		6702 77th St W
Land City,State,Zip:		Lakewood, WA 98499
Land Phone Number:		253-227-3776
Operator Organization Name:		Taft Properties LLC
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		6702 77th St W
Operator Address 2:		Not reported
Operator City,State,Zip:		Lakewood, WA 98499
Operator Phone Number:		253-227-3776
Operator Effective Date:		01/01/1983
Site Contact:		Kate Lantaff
Site Contact Address:		6702 77th St W
Contact City,State,Zip:		Lakewood, WA 98499
Site Contact Phone Number:		253-227-3776
Site Contact Email:		zak4law@hotmail.com
Gen Status Code:		XQG
Monthly Generation:		False
Batch Generation:		False
One Time Generation:		False
Transport Own Waste:		False
Tranports Other Waste:		False
Recycler Onsite:		False
Transfer Facility:		False
Other Exemption:		Not reported
UW Battery Gen:		False
Used Oil Transporter:		False
Used Oil Transfer Facility:		False
Used Oil Processor:		False
Used Oil Refiner:		False
Used Oil Fuel Marketer Directs Shipments:		False
Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		TAFT PROPERTIES LLC
Address:		1201 PUYALLUP AVE
City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		950
EPA ID:		WAH000051124
NAICS:		447190
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D008	
Form Comm:		site investigation derived soil waste
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False

LD KITCHEN AND BATH (Continued) **1011971766**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602743110
Business Type:	former gas station
Mail Name:	Taft Properties LLC
Mailing Address:	6702 77th St W
Mailing City,State,Zip:	Lakewood, WA 98499
Legal Organization Name:	Taft Properties LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6702 77th St W
Legal Address 2:	Not reported
Legal City,State,Zip:	Lakewood, WA 98499
Legal Phone Number:	253-227-3776
Legal Effective Date:	01/01/1983
Land Organization Name:	Taft Properties LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	6702 77th St W
Land City,State,Zip:	Lakewood, WA 98499
Land Phone Number:	253-227-3776
Operator Organization Name:	Taft Properties LLC
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	6702 77th St W
Operator Address 2:	Not reported
Operator City,State,Zip:	Lakewood, WA 98499
Operator Phone Number:	253-227-3776
Operator Effective Date:	01/01/1983
Site Contact:	Kate Lantaff
Site Contact Address:	6702 77th St W
Contact City,State,Zip:	Lakewood, WA 98499
Site Contact Phone Number:	253-227-3776
Site Contact Email:	zak4law@hotmail.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False

LD KITCHEN AND BATH (Continued) **1011971766**

Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W301
Description:	site investigation derived soil waste
CORb Sequence Number:	159836
Sequence Number:	3423986
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	900
Quanity Unit:	LB
Kilograms Quanity:	408.240007
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	2014507
Shipment Date:	2016-08-03 00:00:00
Mainfest Document ID:	000149208DAT
Reported Quanity:	900
Unit of Measure:	LB
Kilograms Quanity:	408.240007
Receiving EPAID:	WAD991281767

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	917232
Received EPAID:	WAD991281767
Managed Quanity:	900
Kilogram Quanity:	408.240007
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream Comments:

CORB Waste Sequence Number:	159836
Comments:	site investigation derived soil waste
Waste Sequence Number:	3423986
Sequence Number:	1

LD KITCHEN AND BATH (Continued) **1011971766**

Waste Stream EPA Code:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	7963174
WCDA Code:	D008

Waste Stream Source Code:

CORB Waste Sequence Number:	159836
Waste Sequence Number:	3423986
Sequence Number:	1
WCDD Code:	G44

UIC:

Name:	FORMER PUYALLUP AVENUE GAS STATION
Address:	1201 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98402
Site Number:	34272
Owner Name:	Taft Properties LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2424499
Longitude:	122.41615
Well Name:	PB 1-235
Registration Type:	Voluntary or Independent Cleanup Sites
Construction Date:	03/01/2019
Construction Type:	Not reported
Depth:	12

Name:	FORMER PUYALLUP AVENUE GAS STATION
Address:	1201 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98402
Site Number:	34272
Owner Name:	Taft Properties LLC
Well Status:	Active
EPA Well Type:	5B6 - Aquifer remediation
Latitude:	47.2421459
Longitude:	122.41665
Well Name:	IW 1-10
Registration Type:	Voluntary or Independent Cleanup Sites
Construction Date:	04/01/2019
Construction Type:	Not reported
Depth:	12

BA214 **PUYALLUP AVE GAS STATION** **WA VCP** **S124436171**
ENE **1201-1203 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.416 mi.
2199 ft. **Site 3 of 5 in cluster BA**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421

PUYALLUP AVE GAS STATION (Continued) **S124436171**

edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Arsenic
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Benzene
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Lead
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374

PUYALLUP AVE GAS STATION (Continued) **S124436171**

VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Other Non-Halogenated Organics
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Petroleum-Diesel
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Petroleum-Gasoline
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported

PUYALLUP AVE GAS STATION (Continued) **S124436171**

NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	8374
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	12039
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

BA215 **PUYALLUP AVE GAS STATION FORMER** **WA CSCSL** **S112339118**
ENE **1201-1203 PUYALLUP AVE** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA ALLSITES**
0.416 mi.
2199 ft. **Site 4 of 5 in cluster BA**

Relative:
Lower

Actual:
21 ft.

CSCSL:

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	PUYALLUP AVE GAS STATION FORMER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Region:	Southwest
Lat/Long:	47.242130035364 / -122.4171364588
Clean Up Siteid:	12039
Site Status:	Cleanup Started

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Contaminant Name: Petroleum-Other
Alternate Site Names: PUYALLUP AVE GAS STATION FORMER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 8374
Region: Southwest
Lat/Long: 47.242130035364 / -122.4171364588
Clean Up Siteid: 12039
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: PUYALLUP AVE GAS STATION FORMER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: PUYALLUP AVE GAS STATION
Address: 1201-1203 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 8374
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 12039
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: PUYALLUP AVE GAS STATION FORMER
Response Section: Southwest
Release Date: 06/03/2013
Lust Date: 06/03/2013
Region: Southwest
Lust ID: 6715
UST ID: 619987
Contaminant Name: Arsenic
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Lead
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

UST ID:	619987
Contaminant Name:	Benzene
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Suspected
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

Name:	PUYALLUP AVE GAS STATION
Address:	1201-1203 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	8374
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	12039
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	PUYALLUP AVE GAS STATION FORMER
Response Section:	Southwest
Release Date:	06/03/2013
Lust Date:	06/03/2013
Region:	Southwest
Lust ID:	6715
UST ID:	619987
Contaminant Name:	Petroleum-Diesel
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421300 / -122.41713

PUYALLUP AVE GAS STATION FORMER (Continued) **S112339118**

ALLSITES:
Name: PUYALLUP AVE GAS STATION FORMER
Facility Id: 8374

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216 WSW 1/4-1/2 0.417 mi. 2203 ft. **SEVEN STONES LLC** **WA ALLSITES** **S109053290**
2800-2809 S C ST **WA MANIFEST** **N/A**
TACOMA, WA 98402

Relative: Higher
Actual: 149 ft.

ALLSITES:
Name: SEVEN STONES LLC
Facility Id: 879301

WA MANIFEST:

Name:	SEVEN STONES LLC
Address:	2800-2809 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	879301
EPA ID:	WAH000031822
NAICS:	531390
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	2007 waste was generated from the cleanup of a spill. No additional waste is anticipated. A recommendation for NFA status hab been submitted to DOE from the Tacoma Pierce County Health Dept.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602379782
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	2323 N 30th
Mailing City,State,Zip:	Tacoma, WA 98403-3362
Legal Organization Name:	Seven Stones LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2323 N 30th
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98403
Legal Phone Number:	(253)272-3325

SEVEN STONES LLC (Continued) **S109053290**

Legal Effective Date:	03/24/2004
Land Organization Name:	Seven Stones LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2323 N 30th
Land City,State,Zip:	Tacoma, WA 98403
Land Phone Number:	(253)272-3325
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Mike Porter
Operator Address:	444 54th Ave E
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98424
Operator Phone Number:	(253)922-8171
Operator Effective Date:	03/24/2004
Site Contact:	Mike Porter
Site Contact Address:	444 54th Ave E
Contact City,State,Zip:	Tacoma, WA 98424
Site Contact Phone Number:	(253)922-8171
Site Contact Email:	Not reported
Gen Status Code:	MQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	T
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

AV217 **AIR SPARES INC** **WA VCP** **S124434065**
East **2617 E L ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.417 mi.
2204 ft. **Site 2 of 3 in cluster AV**

Relative:
Higher

Actual:
95 ft.

VCP:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	36399481
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2008-09-19

AIR SPARES INC (Continued) **S124434065**

Rank: Not reported
Cleanup Siteid: 5946
Contaminant Name: Petroleum Products-Unspecified
Soil: Not reported

Name: AIR SPARES INC
Address: 2617 E L ST
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 36399481
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2008-09-19
Rank: Not reported
Cleanup Siteid: 5946
Contaminant Name: Petroleum-Other
Soil: Remediated-Above

AV218 **AIRSPARES** **WA LUST** **U003604943**
East **2617 L ST E** **WA UST** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA INST CONTROL**
0.417 mi. **WA ALLSITES**
2204 ft. **Site 3 of 3 in cluster AV** **WA CSCSL NFA**

Relative:
Higher

Actual:
95 ft.

LUST:
Name: AIR SPARES INC
Address: 2617 E L ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 36399481
Lust Status Type: LUST - NFA
Cleanup Site ID: 5946
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Response Section: Southwest
Release Date: 05/04/1998
Lust Date: 04/19/2008
Region: Southwest
Lust ID: 5738
UST ID: 502637
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Above
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.239597 / -122.41597

Name: AIR SPARES INC
Address: 2617 E L ST
City,State,Zip: TACOMA, WA 98421

AIRSPARES (Continued) **U003604943**

Facility ID:	36399481
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5946
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Response Section:	Southwest
Release Date:	05/04/1998
Lust Date:	04/19/2008
Region:	Southwest
Lust ID:	5738
UST ID:	502637
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.239597 / -122.41597

UST:

Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421
Facility ID:	36399481
Site Id:	502637
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.239597
Decimal Longitude:	-122.415972

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

AIRSPARES (Continued) **U003604943**

Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	AIRSPARES
Address:	2617 L ST E
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	12/10/1999
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

AIRSPARES (Continued) **U003604943**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	36399481
Latitude:	47.239597
Longitude:	-122.415972
Instrument Type:	Environmental Covenant
NFA Date:	09/19/2008
County Filing # For Individual IC Doc:	2.0085092603e+012
Filing Date Of Individual IC Doc:	09/26/2008
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
Surface Water Restriction:	False
Site Status:	No Further Action
Swimming Restriction:	False
Tax Parcel Number:	2076380011
Control Active:	True
CS ID:	5946
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

ALLSITES:

Name:	AIR SPARES INC FORMER
Facility Id:	36399481

AIRSPARES (Continued) **U003604943**

CSCSL NFA:

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	36399481
CS Id:	5946
NFA Date:	09/19/2008
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239597
Longitude:	-122.415972

Name:	AIR SPARES INC
Address:	2617 E L ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	36399481
CS Id:	5946
NFA Date:	09/19/2008
Alternate Site Names:	AIR SPARES INC FORMER,AIRSPARES,AIRSPARES UST 502637,FORMER AIR SPARES INC,FREEWAY VIEW,STERLING REFERENCE LABORATORIES
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Above
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.239597
Longitude:	-122.415972

BE219 **SUPERVALU INC BLDG 104** **WA ALLSITES** **1007728467**
NNE **480 E 19TH** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98401**
0.419 mi.
2211 ft. **Site 1 of 2 in cluster BE**

Relative:
Lower

Actual:
12 ft.

ALLSITES:

Name:	SUPERVALU INC BLDG 104
Facility Id:	4597891

FINDS:

Registry ID:	110018851303

SUPERVALU INC BLDG 104 (Continued) **1007728467**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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220 East 1/4-1/2 0.419 mi. 2214 ft. **L STREET LAYOVER EXPANSION** **WA ALLSITES** **S110036052 N/A**

TACOMA, WA 98421

Relative: Lower
Actual: 29 ft.

ALLSITES:

Name:	L STREET LAYOVER EXPANSION
Facility Id:	3077

BF221 WNW 1/4-1/2 0.420 mi. 2220 ft. **WINGFOOT COMMERCIAL TIRE SYSTEMS** **WA UST** **1007087947**
2210 SOUTH C ST **WA ALLSITES** **N/A**
TACOMA, WA 98402 **FINDS**

Site 1 of 4 in cluster BF

Relative: Higher
Actual: 95 ft.

UST:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS
Address:	2210 C ST
City:	TACOMA
Zip:	98404
Facility ID:	6160663
Site Id:	618919
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2422645686459
Decimal Longitude:	-122.438699186491
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/23/2003
Tank Install Date:	Not reported
Tank Closure Date:	07/23/2003
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

WINGFOOT COMMERCIAL TIRE SYSTEMS (Continued) **1007087947**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS
Address:	2210 C ST
City:	TACOMA
Zip:	98404

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	07/23/2003
Tank Install Date:	Not reported
Tank Closure Date:	07/23/2003
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WINGFOOT COMMERCIAL TIRE SYSTEMS
Facility Id:	6160663

FINDS:

Registry ID: 110015674581

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air

WINGFOOT COMMERCIAL TIRE SYSTEMS (Continued) **1007087947**

Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BF222 **GOODYEAR TIRE & RUBBER CO RETREAD PLANT** **WA ALLSITES** **1000839119**
WNW **2210 S C ST** **RCRA NonGen / NLR** **WAD988519583**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.420 mi. **ECHO**
2220 ft. **Site 2 of 4 in cluster BF**

Relative:
Higher

Actual:
95 ft.

ALLSITES:

Name:	GOODYEAR TIRE & RUBBER CO RETREAD PLANT
Facility Id:	99715512

RCRA Listings:

Date Form Received by Agency:	1993-04-08 00:00:00.0
Handler Name:	GOODYEAR TIRE & RUBBER CO RETREAD PLANT
Handler Address:	2210 S C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988519583
Contact Name:	SAMS TIRES SAMS TIRES
Contact Address:	2210 S C ST
Contact City,State,Zip:	TACOMA, WA 98402-1516
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2210 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402-1516
Owner Name:	SAMS TIRES S
Owner Type:	Private
Operator Name:	SAMS TIRES S
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

GOODYEAR TIRE & RUBBER CO RETREAD PLANT (Continued) **1000839119**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:21:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

GOODYEAR TIRE & RUBBER CO RETREAD PLANT (Continued) **1000839119**

Owner/Operator Name:	SAMS TIRES S
Legal Status:	Private
Date Became Current:	1996-12-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1516
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS TIRES S
Legal Status:	Private
Date Became Current:	1996-12-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1516
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAMS TIRES
Legal Status:	Private
Date Became Current:	1996-12-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS TIRES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1516
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODYEAR TIRE RUBBER CO RETREAD PLANT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

GOODYEAR TIRE & RUBBER CO RETREAD PLANT (Continued) **1000839119**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMS TIRES
Legal Status:	Private
Date Became Current:	1996-12-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2210 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-04-08 00:00:00.0
Handler Name:	GOODYEAR TIRE & RUBBER CO RETREAD PLANT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-04-08 00:00:00.0
Handler Name:	GOODYEAR TIRE & RUBBER CO RETREAD PLANT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-04-08 00:00:00.0
Handler Name:	GOODYEAR TIRE & RUBBER CO RETREAD PLANT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 811198

GOODYEAR TIRE & RUBBER CO RETREAD PLANT (Continued) **1000839119**

NAICS Description: ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

GOODYEAR TIRE & RUBBER CO RETREAD PLANT (Continued) **1000839119**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1993-03-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1992-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005385341

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a

GOODYEAR TIRE & RUBBER CO RETREAD PLANT (Continued) **1000839119**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000839119
Registry ID:	110005385341
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005385341
Name:	GOODYEAR TIRE & RUBBER CO RETREAD PLANT
Address:	2210 S C ST
City,State,Zip:	TACOMA, WA 98402

BA223
ENE
1/4-1/2
0.422 mi.
2229 ft.

TACOMA CENTER MOTEL
1220 PUYALLUP AVE
TACOMA, WA 98421

Site 5 of 5 in cluster BA

WA ALLSITES **S109824594**
N/A

Relative:
Lower

Actual:
22 ft.

ALLSITES:

Name:	TACOMA CENTER MOTEL
Facility Id:	6894

BG224
WSW
1/4-1/2
0.424 mi.
2237 ft.

STANDARD PARTS CORP
305 S TACOMA WAY
TACOMA, WA 98402

Site 1 of 3 in cluster BG

WA ALLSITES **1000838216**
WA SPILLS **WAD988509402**
RCRA NonGen / NLR
FINDS
ECHO
WA ASBESTOS

Relative:
Higher

Actual:
114 ft.

ALLSITES:

Name:	STANDARD PARTS CORP
Facility Id:	65871595

SPILLS:

Name:	Not reported
Address:	305 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility ID:	634215
Medium:	SOIL
Material Desc:	UNKNOWN
Material Qty:	8
Material Units:	DRUM
Date Received:	05/31/2012
Contact Name:	Unknown
Incident Date:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

RCRA Listings:

Date Form Received by Agency:	1997-06-10 00:00:00.0
Handler Name:	STANDARD PARTS CORP
Handler Address:	305 S TACOMA WAY
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988509402
Contact Name:	JON MILLER
Contact Address:	9433 PACIFIC AVE
Contact City,State,Zip:	TACOMA, WA 98444
Contact Telephone:	253-537-8400
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	305 S TACOMA WAY
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	STANDARD PARTS CORP
Owner Type:	Private
Operator Name:	STANDARD PARTS CORP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 14:16:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUFFO, MAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2293
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-272-4138
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private

STANDARD PARTS CORP (Continued) **1000838216**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	305 S TACOMA WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STANDARD PARTS S
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9433 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1206
Owner/Operator Telephone:	253-537-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	305 S TACOMA WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9433 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-537-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUFFO, MAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2293
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-272-4138
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	9433 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-537-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	305 S TACOMA WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	305 S TACOMA WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	305 S TACOMA WAY
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RUFFO, MAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 2293
Owner/Operator City,State,Zip:	TACOMA, WA 98401
Owner/Operator Telephone:	253-272-4138
Owner/Operator Telephone Ext:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STANDARD PARTS CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9433 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1206
Owner/Operator Telephone:	253-537-8400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	STANDARD PARTS CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-09 00:00:00.0
Handler Name:	STANDARD PARTS CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-06-10 00:00:00.0
Handler Name:	STANDARD PARTS CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	STANDARD PARTS CORP

STANDARD PARTS CORP (Continued) **1000838216**

Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-09 00:00:00.0
Handler Name:	STANDARD PARTS CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005377699

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000838216
Registry ID:	110005377699
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005377699

STANDARD PARTS CORP (Continued) **1000838216**

Name:	STANDARD PARTS CORP
Address:	305 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402

ASBESTOS:

Name:	Not reported
Address:	305 SOUTH TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	68343##1411Const493165
Notice Date:	02/11/2013
Start Date:	02/13/2013
Completion Date:	03/31/2013
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Construction Group Internation (ABCN00001411)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602516973
Notice type:	Emergency
Project Type:	Popcorn Ceiling
Supervisor:	Fidel Garcia ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	305 SOUTH TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	68716##1411Const318442
Notice Date:	02/25/2013
Start Date:	02/13/2013
Completion Date:	03/31/2013
Initial:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Construction Group Internation (ABCN00001411)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported

STANDARD PARTS CORP (Continued) **1000838216**

Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	602516973
Notice type:	Emergency
Project Type:	Popcorn Ceiling
Supervisor:	Fidel Garcia ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

---

225 SW 1/4-1/2 0.424 mi. 2239 ft. **WSDOT SR 705 ON RAMP TO SB I-5** **WA CSCSL** **S123096555**
WA ALLSITES **N/A**
PIERCE (County), WA

Relative: Higher
Actual: 159 ft.

CSCSL:

Name:	WSDOT SR 705 ON RAMP TO SB I-5
Address:	Not reported
City,State,Zip:	WA
Facility ID:	27197
Region:	Southwest
Lat/Long:	47.233867 / -122.433105
Clean Up Siteid:	14642
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

WSDOT SR 705 ON RAMP TO SB I-5 (Continued) **S123096555**

Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WSDOT SR 705 ON RAMP TO SB I-5
Facility Id: 27197

AU226 **BNSF RAILROAD HOOD ST** **WA ALLSITES** **S110993503**
West **2519 HOOD ST** **WA MANIFEST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.424 mi.
2239 ft. **Site 6 of 6 in cluster AU**

Relative:
Higher

Actual:
129 ft.

ALLSITES:
Name: BNSF RAILROAD HOOD ST
Facility Id: 3049

WA MANIFEST:

Name:	BNSF RAILROAD HOOD ST
Address:	2519 HOOD ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	3049
EPA ID:	WAH000038024
NAICS:	531190
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001, D002, D005, D006, D007, D008, D011, F003, P042, P081, U122
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	320096003
Business Type:	Railroad lease property
Mail Name:	BNSF Railroad
Mailing Address:	2454 Occidental Ave Ste 1A
Mailing City,State,Zip:	Seattle, WA 98134
Legal Organization Name:	BNSF Railroad
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2500 Lou Menk Dr
Legal Address 2:	Not reported
Legal City,State,Zip:	Fort Worth, TX 76131

BNSF RAILROAD HOOD ST (Continued) **S110993503**

Legal Phone Number:	206-625-6376
Legal Effective Date:	Not reported
Land Organization Name:	BNSF Railroad
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2454 Occidental Ave Ste 1A
Land City,State,Zip:	Seattle, WA 98134
Land Phone Number:	206-625-6376
Operator Organization Name:	BNSF Railroad
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2454 Occidental Ave Ste 1A
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98134
Operator Phone Number:	206-625-6376
Operator Effective Date:	Not reported
Site Contact:	Mark Engdahl
Site Contact Address:	2454 Occidental Ave Ste 1A
Contact City,State,Zip:	Seattle, WA 98134
Site Contact Phone Number:	206-625-6376
Site Contact Email:	mark.engdahl@bnsf.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	2
WCDE On Site Code:	Not reported
WCDB Code:	W209
Description:	Waste Paint Material
CORb Sequence Number:	130457
Sequence Number:	2649737
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13825
Quanity Unit:	LB

BNSF RAILROAD HOOD ST (Continued) **S110993503**

Kilograms Quanity: 6271.02010
Density Number: 0
Density Quanity: Not reported

Shipments Send:
CORB Waste Sequence Number: 130457
Waste Sequence Number: 2649737
Sequence Number: 1309318
Shipment Date: 2011-03-18 00:00:00
Mainfest Document ID: 005689156JJK
Reported Quanity: 600
Unit of Measure: LB
Kilograms Quanity: 272.160004
Receiving EPAID: UTD981552177

Waste Sequence Number: 2649737
Sequence Number: 1309067
Shipment Date: 2011-03-18 00:00:00
Mainfest Document ID: 005689155JJK
Reported Quanity: 2425
Unit of Measure: LB
Kilograms Quanity: 1099.98001
Receiving EPAID: WAD991281767

Waste Sequence Number: 2649737
Sequence Number: 1309317
Shipment Date: 2011-02-18 00:00:00
Mainfest Document ID: 005689158JJK
Reported Quanity: 6000
Unit of Measure: LB
Kilograms Quanity: 2721.60004
Receiving EPAID: WAD991281767

Waste Sequence Number: 2649737
Sequence Number: 1309316
Shipment Date: 2011-02-18 00:00:00
Mainfest Document ID: 005689157JJK
Reported Quanity: 4800
Unit of Measure: LB
Kilograms Quanity: 2177.28003
Receiving EPAID: WAD991281767

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 130457
Waste Sequence Number: 2649737
Sequence Number: 646877
Received EPAID: WAD991281767
Managed Quanity: 13225
Kilogram Quanity: 5998.86010
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 2649737
Sequence Number: 646876
Received EPAID: UTD981552177
Managed Quanity: 600

BNSF RAILROAD HOOD ST (Continued) **S110993503**

Kilogram Quanity: 272.160004
Recycled Percentage: 0
Waste Management System Code: H040

Waste Stream Comments:
CORB Waste Sequence Number: 130457
Comments: A-3 additional waste codes are: D005, D011, P042, P081 and F003. A-7 Waste generated during removal of hazardous material placed on site by others during illegal storage on property.
Waste Sequence Number: 2649737
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 130457
Waste Sequence Number: 2649737
Sequence Number: 5853959
WCDA Code: D001

Waste Sequence Number: 2649737
Sequence Number: 5853960
WCDA Code: D002

Waste Sequence Number: 2649737
Sequence Number: 5853961
WCDA Code: D006

Waste Sequence Number: 2649737
Sequence Number: 5853962
WCDA Code: D007

Waste Sequence Number: 2649737
Sequence Number: 5853963
WCDA Code: D008

Waste Sequence Number: 2649737
Sequence Number: 5853964
WCDA Code: U122

227
NNE
1/4-1/2
0.427 mi.
2255 ft.

Relative:
Lower

Actual:
15 ft.

SUPERVALU INC
490 E 19TH ST
TACOMA, WA 98421

WA UST **1004793913**
WA ALLSITES **WAD988469201**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

UST:
Name: WEST COAST GROCERY COMPANY
Address: 490 E 19TH ST
City: TACOMA
Zip: 98421
Facility ID: 34146274
Site Id: 5704
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.24546
Decimal Longitude: -122.42806

SUPERVALU INC (Continued) **1004793913**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	WEST COAST GROCERY COMPANY
Address:	490 E 19TH ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

SUPERVALU INC (Continued) **1004793913**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SUPERVALU INC
Facility Id: 34146274

RCRA Listings:

Date Form Received by Agency:	2019-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Handler Address:	490 E 19TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988469201
Contact Name:	ERICA FRANSEN
Contact Address:	PO BOX 20, DEPT. 81014
Contact City,State,Zip:	BOISE, ID 83726
Contact Telephone:	208-395-4793
Contact Fax:	Not reported
Contact Email:	ERICA.FRANSEN@ALBERTSONS.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	SUPERVALU
Owner Type:	Private
Operator Name:	SUPERVALU
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

SUPERVALU INC (Continued) **1004793913**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002

SUPERVALU INC (Continued) **1004793913**

Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
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SUPERVALU INC (Continued) **1004793913**

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SUPERVALU INC (Continued) **1004793913**

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SUPERVALU INC (Continued) **1004793913**

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SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
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SUPERVALU INC (Continued) **1004793913**

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SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Operator
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SUPERVALU INC (Continued) **1004793913**

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Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU S
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	490 E 19TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
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Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD

SUPERVALU INC (Continued) **1004793913**

Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private

SUPERVALU INC (Continued) **1004793913**

Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Legal Status:	Private
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Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
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Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Owner/Operator Telephone:	612-828-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERVALU INC (Continued) **1004793913**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERVALU
Legal Status:	Private
Date Became Current:	1996-07-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11840 VALLEY VIEW RD
Owner/Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-16 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-08 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-14 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SUPERVALU INC (Continued) **1004793913**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SUPERVALU INC (Continued) **1004793913**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-03-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-02-27 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-02-22 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-29 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-15 00:00:00.0
Handler Name:	SUPERVALU INC

SUPERVALU INC (Continued) **1004793913**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-01-25 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-05 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-23 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-08 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SUPERVALU INC (Continued) **1004793913**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-04 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-03 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-08-02 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-03 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SUPERVALU INC (Continued) **1004793913**

Receive Date:	2009-01-09 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-16 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-14 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-10 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-24 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SUPERVALU INC (Continued) **1004793913**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-28 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-13 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-26 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-03-28 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

SUPERVALU INC (Continued) **1004793913**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-03-15 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1990-12-31 00:00:00.0
Handler Name:	SUPER VALU STORES INC DBA WEST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	SUPER VALU STORES INC DBA WEST
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-03-31 00:00:00.0
Handler Name:	SUPERVALU/WEST COAST GROCERY

SUPERVALU INC (Continued) **1004793913**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SUPERVALU INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

SUPERVALU INC (Continued) **1004793913**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42241
NAICS Description: GENERAL LINE GROCERY WHOLESALERS

NAICS Code: 42441
NAICS Description: GENERAL LINE GROCERY MERCHANT WHOLESALERS

NAICS Code: 424410
NAICS Description: GENERAL LINE GROCERY MERCHANT WHOLESALERS

NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110000843507

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit

SUPERVALU INC (Continued) **1004793913**

Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793913
Registry ID:	110000843507
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000843507
Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344

SUPERVALU INC (Continued) **1004793913**

Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

SUPERVALU INC (Continued) **1004793913**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

SUPERVALU INC (Continued) **1004793913**

Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000

SUPERVALU INC (Continued) **1004793913**

Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D035,D039,D008,F001
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate, Lamps - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421

SUPERVALU INC (Continued) **1004793913**

Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003,D035,D039,D008,F001
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False

SUPERVALU INC (Continued) **1004793913**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Batteries - Accumulate
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

SUPERVALU INC (Continued) **1004793913**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	F003, F500, D18, D035, D039, D008, F001
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu

SUPERVALU INC (Continued) **1004793913**

Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

SUPERVALU INC (Continued) **1004793913**

LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201

SUPERVALU INC (Continued) **1004793913**

NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False

SUPERVALU INC (Continued) **1004793913**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu

SUPERVALU INC (Continued) **1004793913**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	490 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	34146274
EPA ID:	WAD988469201
NAICS:	424410
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

SUPERVALU INC (Continued) **1004793913**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601521092
Business Type:	wholesale grocer
Mail Name:	Supervalu Inc
Mailing Address:	1525 E. D STREET
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Supervalu
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	11840 VALLEY VIEW RD
Legal Address 2:	Not reported
Legal City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Legal Phone Number:	(612)828-4000
Legal Effective Date:	07/23/1996
Land Organization Name:	Supervalu
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	11840 VALLEY VIEW RD
Land City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Land Phone Number:	(612)828-4000
Operator Organization Name:	Supervalu
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	11840 VALLEY VIEW RD
Operator Address 2:	Not reported
Operator City,State,Zip:	EDEN PRAIRIE, MN 55344-3643
Operator Phone Number:	(612)828-4000
Operator Effective Date:	07/23/1996
Site Contact:	Mike Blancarte
Site Contact Address:	1525 E. D Street
Contact City,State,Zip:	TACOMA, WA 98421-1501
Site Contact Phone Number:	(253)404-4194
Site Contact Email:	mike.blancarte@supervalu.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	True
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

SUPERVALU INC (Continued) **1004793913**

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

BH228
North
1/4-1/2
0.427 mi.
2257 ft.

TACOMA TRANSLOAD INC
501 E 19TH ST
TACOMA, WA 98421

Site 1 of 3 in cluster BH

WA CSCSL **S110688914**
WA ALLSITES **N/A**
WA SPILLS
WA NPDES

Relative:
Lower

Actual:
10 ft.

CSCSL:

Name:	TACOMA TRANSLOAD INC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	25392634
Region:	Southwest
Lat/Long:	47.245833 / -122.428332
Clean Up Siteid:	1981
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	UNION PACIFIC RR D ST
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA TRANSLOAD INC
Facility Id:	25392634

SPILLS:

Name:	UNION PACIFIC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	622834
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	0
Material Units:	GALLON
Date Received:	10/11/2010
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported

TACOMA TRANSLOAD INC (Continued) **S110688914**

Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	UNION PACIFIC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	622834
Medium:	SOIL
Material Desc:	BILGE WATER
Material Qty:	10
Material Units:	GALLON
Date Received:	10/11/2010
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	TACOMA TRANSLOAD INC
Address:	501 E 19TH ST -
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24583299
Longitude:	-122.428332
Permit ID:	WAR003419
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

BH229 **TACOMA TRANSLOAD INC** **WA VCP** **S124433463**
North **501 E 19TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.427 mi.
2257 ft. **Site 2 of 3 in cluster BH**

Relative:
Lower

Actual:
10 ft.

VCP:

Name:	TACOMA TRANSLOAD INC
Address:	501 E 19TH ST
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	25392634
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	1981
Contaminant Name:	Petroleum Products-Unspecified
Soil:	Remediated

BH230 **SUPERVALU INTERNATIONAL** **WA ALLSITES** **S109824176**
North **495 E 19TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.430 mi.
2269 ft. **Site 3 of 3 in cluster BH**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	SUPERVALU INTERNATIONAL
Facility Id:	23977

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231 **TACOMA SPUR PROJECT SITE I, II AND III** **WA SWF/LF** **S118402166**
SSW **HWY 705 INTERCHANGE AND I-5** **N/A**
1/4-1/2 **TACOMA, WA**
0.435 mi.
2296 ft.

Relative:
Higher

Actual:
115 ft.

SWF/LF:

Name:	TACOMA SPUR PROJECT SITE I, II AND III
Address:	HWY 705 INTERCHANGE AND I-5
City,State,Zip:	TACOMA, WA
Facility ID:	2832
Region:	STATE
Permit Status:	Not reported
Contact Organization:	Unaffiliated Historic Landfills
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	Not reported

TACOMA SPUR PROJECT SITE I, II AND III (Continued) **S118402166**

Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Unaffiliated Historic Landfills
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	Not reported
Facility Type:	Historic Landfill (non-regulated)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

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232 **HOOD ST RESERVOIR** **WA ALLSITES** **1001600510**
SE **3110 I ST S** **RCRA NonGen / NLR** **WAH000009001**
1/4-1/2 **TACOMA, WA 98409** **FINDS**
0.436 mi. **ECHO**
2301 ft. **WA MANIFEST**

Relative:
Higher

Actual:
245 ft.

ALLSITES:

Name:	HOOD ST RESERVOIR
Facility Id:	2788228

RCRA Listings:

Date Form Received by Agency:	2019-02-25 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Handler Address:	3110 I ST S
Handler City,State,Zip:	TACOMA, WA 98409
EPA ID:	WAH000009001
Contact Name:	JAMES BOZIC
Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409
Contact Telephone:	253-502-8767
Contact Fax:	Not reported
Contact Email:	JBOZIC@CITYOFTACOMA.ORG
Contact Title:	SENIOR ENVIRONMENTAL SPECIALIST
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	TACOMA PUBLIC UTILITIES
Owner Type:	Municipal
Operator Name:	TACOMA PUBLIC UTILITIES - HOOD ST RESERVOIR
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 18:52:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years

Year: 2015

HOOD ST RESERVOIR (Continued) **1001600510**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RUSSELL P
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private

HOOD ST RESERVOIR (Continued) **1001600510**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES - HOOD ST RESERVOIR
Legal Status:	Municipal
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC U T
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST

HOOD ST RESERVOIR (Continued) **1001600510**

Owner/Operator City,State,Zip:	TACOMA, WA 98409-3192
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA PUB UTIL HOOD ST RESERVOIR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	1999-07-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA PUBLIC UTILITIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3628 S 35TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-502-8300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-02-29 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-07-27 00:00:00.0

HOOD ST RESERVOIR (Continued) **1001600510**

Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-05-01 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-07-01 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-08 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

HOOD ST RESERVOIR (Continued) **1001600510**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-04-30 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-07-27 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-29 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Electronic Manifest Broker:	Not reported
Receive Date:	2017-02-10 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-15 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-25 00:00:00.0
Handler Name:	HOOD ST RESERVOIR
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22131
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS
NAICS Code:	221310
NAICS Description:	WATER SUPPLY AND IRRIGATION SYSTEMS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

HOOD ST RESERVOIR (Continued) **1001600510**

FINDS:
Registry ID: 110005395722

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001600510
Registry ID:	110005395722
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005395722
Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409

WA MANIFEST:

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False

HOOD ST RESERVOIR (Continued) **1001600510**

Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Public Utilities - Hood St Reserv
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported

HOOD ST RESERVOIR (Continued) **1001600510**

Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Jeromy Adams
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8300
Site Contact Email:	jadams2@cityoftacoma.org
Gen Status Code:	XQG

HOOD ST RESERVOIR (Continued) **1001600510**

Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	HOOD ST RESERVOIR
Address:	3110 I ST S
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	2788228
EPA ID:	WAH000009001
NAICS:	221310
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300

HOOD ST RESERVOIR (Continued) **1001600510**

Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Jeromy Adams
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8300
Site Contact Email:	jadams2@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		HOOD ST RESERVOIR
Address:		3110 I ST S
City,State,Zip:		TACOMA, WA 98409
Facility Address 2:		Not reported
Facility ID:		2788228
EPA ID:		WAH000009001
NAICS:		221310
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D002	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False

HOOD ST RESERVOIR (Continued) **1001600510**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Water Distribution
Mail Name:	Tacoma Public Utilities
Mailing Address:	3628 S 35TH ST
Mailing City,State,Zip:	TACOMA, WA 98409-3192
Legal Organization Name:	Tacoma Public Utilities
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	3628 S 35TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-3192
Legal Phone Number:	(253)502-8300
Legal Effective Date:	07/01/1999
Land Organization Name:	Tacoma Public Utilities
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	3628 S 35TH ST
Land City,State,Zip:	TACOMA, WA 98409-3192
Land Phone Number:	(253)502-8300
Operator Organization Name:	Tacoma Pub Util Hood St Reservoir
Operator Organization Type:	Municipal
Operator:	Jeromy Adams
Operator Address:	3628 S 35TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98409-3192
Operator Phone Number:	(253)502-8300
Operator Effective Date:	07/01/1999
Site Contact:	Samuel R Rupert
Site Contact Address:	3628 S 35TH ST
Contact City,State,Zip:	TACOMA, WA 98409-3192
Site Contact Phone Number:	(253)502-8513
Site Contact Email:	srupert@cityoftacoma.org
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

HOOD ST RESERVOIR (Continued) **1001600510**

Site Contact Address 2: Not reported

Waste Stream Generated:
- Waste Managed Off Site: Y
- State Only Waste Code 1: Not reported
- State Only Waste Code 2: Not reported
- Report Managed On Site: 0
- KG Managed On Site: 0
- Generator Treatment Code: Not reported
- Permit By Rule Code: Not reported
- WCDE Residence Code: Not reported
- WCDH Origin Code: 2
- WCDE On Site Code: Not reported
- WCDB Code: W110
- Description: Sodium Hydroxide Waste (D002)
- CORb Sequence Number: 155430
- Sequence Number: 3400181
- Mixed Radioactive Flag: False
- Designation Code: D
- Reported Quanity: 750
- Quanity Unit: GAL
- Kilograms Quanity: 4315.44186
- Density Number: 1.52
- Density Quanity: SPG

Shipments Send:
- CORB Waste Sequence Number: 155430
- Waste Sequence Number: 3400181
- Sequence Number: 1970416
- Shipment Date: 2015-08-06 00:00:00
- Mainfest Document ID: 012247149FLE
- Reported Quanity: 750
- Unit of Measure: GAL
- Kilograms Quanity: 4315.44186
- Receiving EPAID: WAD020257945

Waste Stream Off Site Mgmt:
- Waste CORB Sequence Number: 155430
- Waste Sequence Number: 3400181
- Sequence Number: 895286
- Received EPAID: WAD020257945
- Managed Quanity: 750
- Kilogram Quanity: 4315.44186
- Recycled Percentage: 0
- Waste Management System Code: H070

Waste Stream EPA Code:
- CORB Waste Sequence Number: 155430
- Waste Sequence Number: 3400181
- Sequence Number: 7817236
- WCDA Code: D002

Waste Stream Source Code:
- CORB Waste Sequence Number: 155430
- Waste Sequence Number: 3400181
- Sequence Number: 1

HOOD ST RESERVOIR (Continued) **1001600510**

WCDD Code: G32

BE233 **SUPERVALU AMMONIA RESPONSE** **SEMS** **1023674689**
NNE **590 E. 19TH** **FINDS** **WAN001002121**
1/4-1/2 **TACOMA, WA 98421**
0.441 mi.
2327 ft. **Site 2 of 2 in cluster BE**

Relative:
Lower

Actual:
13 ft.

SEMS:

Site ID:	1002121
EPA ID:	WAN001002121
Name:	SUPERVALU AMMONIA RESPONSE
Address:	590 E. 19TH
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98421
Cong District:	Not reported
FIPS Code:	53033
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	10
Site ID:	1002121
EPA ID:	WAN001002121
Site Name:	SUPERVALU AMMONIA RESPONSE
NPL:	N
FF:	N
OU:	00
Action Code:	PJ
Action Name:	RP EM REM
SEQ:	1
Start Date:	2017-06-07 04:00:00
Finish Date:	6/9/2017 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

FINDS:

Registry ID: 110070135268

Click Here:

Environmental Interest/Information System:
SUPERFUND (NON-NPL)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BF234 WNW 1/4-1/2 0.441 mi. 2329 ft. | **COLUMBIA ENERGY RESOURCES**
2120 S C ST
TACOMA, WA 98402
Site 3 of 4 in cluster BF | **WA CSCSL**
WA UST
WA INST CONTROL
WA ALLSITES | **U003353200**
N/A

Relative: Higher

Actual: 92 ft.

CSCSL:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	43392187
Region:	Southwest
Lat/Long:	47.242053410976 / -122.4380070919
Clean Up Siteid:	11837
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	43392187
Region:	Southwest
Lat/Long:	47.242053410976 / -122.4380070919
Clean Up Siteid:	11837
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402
Facility ID:	43392187

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Site Id:	11237
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2420534109762
Decimal Longitude:	-122.438007091909

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	COLUMBIA ENERGY RESOURCES
Address:	2120 S C ST
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	43392187
Latitude:	47.242053411
Longitude:	-122.43800709
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0170811022e+011
Filing Date Of Individual IC Doc:	08/11/2017
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	COLUMBIA ENERGY RESOURCES,COLUMBIA ENERGY RESOURCES A LIMITED P,HEIDELBERG BREWERY (FORMER)

COLUMBIA ENERGY RESOURCES (Continued) **U003353200**

Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	2021060014
Control Active:	True
CS ID:	11837
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

ALLSITES:

Name:	COLUMBIA ENERGY RESOURCES A LIMITED P
Facility Id:	43392187

BF235 **HEIDELBERG BREWERY** **WA VCP** **S124434393**
WNW **2120 S C ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.441 mi.
2329 ft. **Site 4 of 4 in cluster BF**

Relative:
Higher

Actual:
92 ft.

VCP:

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	43392187
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	11837
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

Name:	HEIDELBERG BREWERY
Address:	2120 S C ST
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402

HEIDELBERG BREWERY (Continued) **S124434393**

edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	43392187
VCP Status:	Not reported
VCP:	TRUE
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	Not reported
Cleanup Siteid:	11837
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Soil:	Confirmed Above Cleanup Levels

BD236 **TACOMA FIXTURE CO.** **WA ALLSITES** **1000334216**
NNW **1815 E D ST** **RCRA NonGen / NLR** **WAD099045353**
1/4-1/2 **TACOMA, WA 98421** **ICIS**
0.444 mi. **US AIRS**
2343 ft. **Site 2 of 2 in cluster BD** **WA MANIFEST**
WA NPDES

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	TACOMA FIXTURE COMPANY
Facility Id:	6212892

RCRA Listings:

Date Form Received by Agency:	2007-04-07 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Handler Address:	1815 E D ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD099045353
Contact Name:	JASON WYNIA
Contact Address:	1815 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-831-6249
Contact Fax:	Not reported
Contact Email:	DAD2BG@AOL.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1815 E D ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	HOME ELECTRIC
Owner Type:	Private
Operator Name:	TACOMA FIXTURE INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:24:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

TACOMA FIXTURE CO. (Continued) **1000334216**

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: TACOMA FIXTURE CO INC
Legal Status: Private
Date Became Current: 1996-06-21 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1815 E D ST
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 253-383-5541
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TACOMA FIXTURE CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1815 E D ST
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
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Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN B
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported
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Owner/Operator Name:	TACOMA FIXTURE CO INC
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Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
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Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-431-6696
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private

TACOMA FIXTURE CO. (Continued) **1000334216**

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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1505
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN K
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1505
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Owner/Operator Name:	TACOMA FIXTURE INC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	1815 E D ST

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-831-6249
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
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Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Became Current:	Not reported
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Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 9
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-455-1341
Owner/Operator Telephone Ext:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BACKUS, JOHN
Legal Status:	Private
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Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
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TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
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Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private

TACOMA FIXTURE CO. (Continued) **1000334216**

Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	1996-06-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA FIXTURE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1815 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOME ELECTRIC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2366 EASTLAKE AVE E
Owner/Operator City,State,Zip:	SEATTLE, WA 98102
Owner/Operator Telephone:	206-324-0964
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-08-18 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-07 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Receive Date:	1996-03-06 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-04 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-01-20 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-02-28 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-03-19 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-03-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-08-18 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-01 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-05 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-04-06 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	TACOMA FIXTURE CO.

TACOMA FIXTURE CO. (Continued) **1000334216**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	TACOMA FIXTURE COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	TACOMA FIXTURE COMPANY INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-25 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-03 00:00:00.0
Handler Name:	TACOMA FIXTURE CO INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TACOMA FIXTURE CO. (Continued) **1000334216**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TACOMA FIXTURE INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	321911
NAICS Description:	WOOD WINDOW AND DOOR MANUFACTURING

NAICS Code:	33711
NAICS Description:	WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

NAICS Code:	337129
NAICS Description:	WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0
Actual Return to Compliance Date:	2003-12-15 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

TACOMA FIXTURE CO. (Continued) **1000334216**

Scheduled Compliance Date:	2003-12-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

TACOMA FIXTURE CO. (Continued) **1000334216**

Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2003-10-28 00:00:00.0
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-12-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAAME
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1998-01-15 00:00:00.0
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

TACOMA FIXTURE CO. (Continued) **1000334216**

Scheduled Compliance Date:	1998-02-23 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-01-15 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	WA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WANAS
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2008-04-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANDL
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-12-15 00:00:00.0
Scheduled Compliance Date:	2003-12-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS

TACOMA FIXTURE CO. (Continued) **1000334216**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-10-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2003-10-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WANAS
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1998-02-20 00:00:00.0
Scheduled Compliance Date:	1998-02-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ICIS:

Enforcement Action ID:	WAPSCAI000000000000000085
FRS ID:	110000774387
Action Name:	3-007451 NOV
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA00005305300170000033

TACOMA FIXTURE CO. (Continued) **1000334216**

FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000033
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000030
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000030
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000027
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000027
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918

TACOMA FIXTURE CO. (Continued) **1000334216**

Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000022
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000022
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000020
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000020
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Administrative Order
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061
Permit Type Desc: Not reported
Program System Acronym: WAPSC0005305300170
Facility NAICS Code: 321918
Tribal Land Code: Not reported

Enforcement Action ID: WAPSCA0000530530017000018
FRS ID: 110000774387
Action Name: TACOMA FIXTURE CO INC 530530017000018
Facility Name: TACOMA FIXTURE CO INC
Facility Address: 1815 E D ST
TACOMA, WA 98421
Enforcement Action Type: Notice of Violation
Facility County: PIERCE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 47.24606
Longitude in Decimal Degrees: -122.43061

TACOMA FIXTURE CO. (Continued) **1000334216**

Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000015
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000015
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000013
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000013
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000006
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000006
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530017000005
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE CO INC 530530017000005
Facility Name:	TACOMA FIXTURE CO INC
Facility Address:	1815 E D ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.24606
Longitude in Decimal Degrees:	-122.43061
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300170
Facility NAICS Code:	321918
Tribal Land Code:	Not reported

Enforcement Action ID:	10-1995-0098
FRS ID:	110000774387
Action Name:	TACOMA FIXTURE COMPANY, INC.
Facility Name:	TACOMA FIXTURE CO.
Facility Address:	1815 E D ST TACOMA, WA 98421-1598
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	2434
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.246677
Longitude in Decimal Degrees:	-122.430657
Permit Type Desc:	Not reported
Program System Acronym:	9048
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	TACOMA FIXTURE COMPANY
Address:	1815 EAST D STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	2434

Facility Name:	TACOMA FIXTURE COMPANY

TACOMA FIXTURE CO. (Continued) **1000334216**

Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

Facility Name: TACOMA FIXTURE COMPANY
Address: 1815 EAST D STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 2434

US AIRS (AFS):
Envid: 1000334216
Region Code: 10
County Code: WA053
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
D and B Number: Not reported
Facility Site Name: TACOMA FIXTURE CO INC
Primary SIC Code: Not reported

TACOMA FIXTURE CO. (Continued) **1000334216**

NAICS Code: 321918
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-06-12 00:00:00
Activity Status Date: 2015-10-14 17:09:16
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2016-08-30 00:00:00
Activity Status Date: 2016-10-11 11:31:46
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-07-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2012-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387

TACOMA FIXTURE CO. (Continued) **1000334216**

Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-04-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2014-04-10 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2011-07-20 00:00:00
Activity Status Date:	2011-07-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-07 00:00:00
Activity Status Date:	2012-06-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2015-09-16 00:00:00
Activity Status Date:	2015-09-16 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

TACOMA FIXTURE CO. (Continued) **1000334216**

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-01-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-05-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-01-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-05-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-08-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300170
Facility Registry ID: 110000774387
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

TACOMA FIXTURE CO. (Continued) **1000334216**

Activity Date:	2008-07-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-07-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-01-09 00:00:00
Activity Status Date:	2008-01-09 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-02-03 00:00:00
Activity Status Date:	1998-02-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387

TACOMA FIXTURE CO. (Continued) **1000334216**

Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-05-19 00:00:00
Activity Status Date:	1998-05-19 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-11-15 00:00:00
Activity Status Date:	2005-11-15 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2006-05-12 00:00:00
Activity Status Date:	2006-05-12 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-08-28 00:00:00
Activity Status Date:	2007-08-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-07-03 00:00:00
Activity Status Date:	2008-07-03 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

TACOMA FIXTURE CO. (Continued) **1000334216**

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300170
Facility Registry ID:	110000774387
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-08-25 00:00:00
Activity Status Date:	2010-08-25 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

WA MANIFEST:

Name:	TACOMA FIXTURE INC
Address:	1815 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	6212892
EPA ID:	WAD099045353
NAICS:	337129
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	#312
Tax Reg #:	278039348
Business Type:	cabinet manufacturing
Mail Name:	Tacoma Fixture Co Inc
Mailing Address:	1815 E D St
Mailing City,State,Zip:	TACOMA, WA 98421-1505
Legal Organization Name:	Home Electric
Legal Organization Type:	Private
Legal Contact:	John Backus
Legal Address:	2366 Eastlake Ave E
Legal Address 2:	#312
Legal City,State,Zip:	Seattle, WA 98102
Legal Phone Number:	(206)324-0964
Legal Effective Date:	Not reported
Land Organization Name:	Home Electric
Land Organization Type:	Private

TACOMA FIXTURE CO. (Continued) **1000334216**

Land Contact:	John Backus
Land Address:	2366 Eastlake Ave E
Land City,State,Zip:	Seattle, WA 98102
Land Phone Number:	(206)324-0964
Operator Organization Name:	Tacoma Fixture Inc
Operator Organization Type:	Private
Operator:	John Kroll
Operator Address:	1815 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1505
Operator Phone Number:	(253)831-6249
Operator Effective Date:	Not reported
Site Contact:	John Kroll
Site Contact Address:	1815 E D St
Contact City,State,Zip:	TACOMA, WA 98421-1505
Site Contact Phone Number:	(253)831-6249
Site Contact Email:	dad2bg@aol.com
Gen Status Code:	SQG
Monthly Generation:	TRUE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

NPDES:

Name:	TACOMA FIXTURE CO INC
Address:	1815 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR008709
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

BC237 WSW 1/4-1/2 0.444 mi. 2346 ft. | **BNSF S HOOD ST RENTAL PROPERTY**
S HOOD ST
TACOMA, WA 98402 | **WA HSL**
WA CSCSL
WA ALLSITES | **S110036311**
N/A

Site 2 of 2 in cluster BC

Relative: Higher

Actual: 143 ft.

HSL:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	969
Rank:	4
Region:	SW
EDR Link ID:	969
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Address:	S HOOD ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	969
Region:	Southwest
Lat/Long:	47.237666666666 / -122.4381666666
Clean Up Siteid:	51
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF S HOOD ST RENTAL PROPERTY
Facility Id:	969

BG238 STAR ICE & FUEL INC — **WA LUST** — **U003352462**
WSW 405 S TACOMA WAY — **WA UST** — **N/A**
1/4-1/2 TACOMA, WA 98402 — **WA ALLSITES**
0.445 mi. — **WA CSCSL NFA**
2352 ft. **Site 2 of 3 in cluster BG** — **WA ASBESTOS**

Relative: Higher

Actual: 130 ft.

LUST:

Name:	STAR ICE & FUEL INC
Address:	405 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7482754
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7746
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	STAR ICE & FUEL
Response Section:	Southwest
Release Date:	06/23/2011
Lust Date:	01/10/2014
Region:	Southwest
Lust ID:	6540
UST ID:	100793
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.237139 / -122.43791

Name:	STAR ICE & FUEL INC
Address:	405 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	7482754
Lust Status Type:	LUST - NFA
Cleanup Site ID:	7746
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	STAR ICE & FUEL
Response Section:	Southwest
Release Date:	06/24/1992
Lust Date:	01/10/2014
Region:	Southwest
Lust ID:	2629
UST ID:	100793
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.237139 / -122.43791

UST:

Name:	STAR ICE & FUEL INC
Address:	405 S TACOMA WAY
City:	TACOMA

STAR ICE & FUEL INC (Continued) **U003352462**

Zip:	98402
Facility ID:	7482754
Site Id:	100793
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.237139
Decimal Longitude:	-122.437917

Tank Name:	1
Tag Number:	A4274
Tank Status:	Removed
Tank Status Date:	03/08/2011
Tank Install Date:	01/02/1987
Tank Closure Date:	12/30/2010
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	11/16/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	STAR ICE & FUEL INC
Address:	405 S TACOMA WAY
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	A4274
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	STAR ICE & FUEL INC
Address:	405 S TACOMA WAY
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	A4274
Tank Status:	Removed
Tank Status Date:	05/09/2011
Tank Install Date:	Not reported
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	STAR ICE & FUEL
Facility Id:	7482754

CSCSL NFA:

Name:	STAR ICE & FUEL INC
Address:	405 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	7482754
CS Id:	7746
NFA Date:	01/10/2014
Alternate Site Names:	STAR ICE & FUEL
NFA Reason:	NFA-Site Hazard Assessment
Site Status:	NFA

STAR ICE & FUEL INC (Continued) **U003352462**

Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.237139
Longitude:	-122.437917

ASBESTOS:

Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	47412##1462RWRhi909013
Notice Date:	03/31/2011
Start Date:	12/06/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA

STAR ICE & FUEL INC (Continued) **U003352462**

Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	45663##1462RWRhi047320
Notice Date:	01/28/2011
Start Date:	12/06/2010
Completion Date:	02/28/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	43939##1462RWRhi737771
Notice Date:	11/23/2010
Start Date:	12/06/2010
Completion Date:	12/17/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44538##1462RWRhi602189
Notice Date:	12/15/2010
Start Date:	12/06/2010
Completion Date:	01/31/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	44282##1462RWRhi438966
Notice Date:	12/07/2010
Start Date:	12/06/2010
Completion Date:	12/17/2010
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED
Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	46411##1462RWRhi610662

STAR ICE & FUEL INC (Continued) **U003352462**

Notice Date:	02/28/2011
Start Date:	12/06/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	Adrian Cantu ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

Name:	Not reported
Address:	405 S. TACOMA WAY
City,State,Zip:	TACOMA, WA
Facility Type:	Not reported
Parent ID:	Not reported
Form ID:	47035##1462RWRhi987180
Notice Date:	03/21/2011
Start Date:	12/06/2010
Completion Date:	04/29/2011
Initial:	Not reported
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	Not reported
Site Hours End:	Not reported
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Friday:	Not reported
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	Not reported
Job Site CAS:	Not reported
Project Form Email:	Not reported
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	R.W. Rhine, Inc (ABCN00001462)
Property Owner Address:	Not reported
Property Owner City:	Not reported
Property Owner State:	Not reported
Property Owner Zip4:	Not reported
Property Owner Phone:	Not reported
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	Not reported
Encapsulated:	Not reported
Quantity Sq Ft:	Not reported
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	Not reported
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	Not reported
Other CM1:	Not reported

STAR ICE & FUEL INC (Continued) **U003352462**

Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	Not reported
Submitter IP Address:	Not reported
Region:	3
UBI:	278044740
Notice type:	Initial
Project Type:	Other Square Footage, Roofing
Supervisor:	David Schultz ()
Supervisor Phone:	Not reported
Certificate Status:	EXPIRED

BI239 **OLD TIME WOODWORK INC** **WA ALLSITES** **1000133919**
WNW **2105 S C ST** **RCRA NonGen / NLR** **WAD060046786**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.447 mi. **ECHO**
2361 ft. **Site 1 of 3 in cluster BI**

Relative:
Higher

Actual:
84 ft.

ALLSITES:

Name:	OLD TIME WOODWORK INC
Facility Id:	26278943

RCRA Listings:

Date Form Received by Agency:	2004-02-28 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Handler Address:	2105 S C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD060046786
Contact Name:	GAY FARVOUR
Contact Address:	2105 S C ST
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-272-7611
Contact Fax:	Not reported
Contact Email:	GAYF@OTWW.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2105 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	OLD TIME WOODWORK INC
Owner Type:	Private

OLD TIME WOODWORK INC (Continued) **1000133919**

Operator Name:	OLD TIME WOODWORK INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 12:59:48.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: OLD TIME WOODWORK INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2105 S C ST
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OLD TIME WOODWORK INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2105 S C ST
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1504
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.

OLD TIME WOODWORK INC (Continued) **1000133919**

Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4240 SUNSET BEACH ROAD
Owner/Operator City,State,Zip:	UNIVERSITY PLACE, WA 98466
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VERN F
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1504
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1996-08-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1504
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4240 SUNSET BEACH ROAD
Owner/Operator City,State,Zip:	UNIVERSITY PLACE, WA 98466
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.

OLD TIME WOODWORK INC (Continued) **1000133919**

Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	1985-04-22 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 N 24TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98406
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FARVOUR, GAY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4240 SUNSET BEACH ROAD
Owner/Operator City,State,Zip:	UNIVERSITY PLACE, WA 98466
Owner/Operator Telephone:	253-759-7766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWO O
Legal Status:	Private
Date Became Current:	1996-08-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1504
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OLD TIME WOODWORK INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2105 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402

OLD TIME WOODWORK INC (Continued) **1000133919**

Owner/Operator Telephone:	253-272-7611
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-02-27 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-27 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-28 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1995-01-01 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-05 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-25 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-18 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

OLD TIME WOODWORK INC (Continued) **1000133919**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-25 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-24 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-12-28 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

OLD TIME WOODWORK INC (Continued) **1000133919**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-04-01 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-27 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-12-31 00:00:00.0
Handler Name:	OLD TIME WOODWORK INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33711
NAICS Description:	WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1996-09-16 00:00:00.0
Actual Return to Compliance Date:	1996-09-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1996-09-16 00:00:00.0
Actual Return to Compliance Date:	1996-09-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

OLD TIME WOODWORK INC (Continued) **1000133919**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2000-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier:	WAJCA
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1996-09-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1996-09-16 00:00:00.0

OLD TIME WOODWORK INC (Continued) **1000133919**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1996-09-16 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-05-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110005323630

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000133919
Registry ID:	110005323630
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005323630
Name:	OLD TIME WOODWORK INC
Address:	2105 S C ST
City,State,Zip:	TACOMA, WA 98402

BJ240 NW 1/4-1/2 0.449 mi. 2373 ft. — **UNION STATION, 1935 PACIFIC AVE., TACOMA, WA 98444** — **WA ICR** — **S103510383, N/A**

Site 1 of 5 in cluster BJ

Relative: Lower
Actual: 48 ft.

ICR:

Date Ecology Received Report:	03/22/93
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-03
County Code:	27
Contact:	Not reported
Report Title:	Not reported

BI241 WNW 1/4-1/2 0.452 mi. 2389 ft. — **BREWERY BLOCKS 2101 S C ST/2100 COMMERCE, 2101 SOUTH C ST, TACOMA, WA 98402** — **WA ALLSITES** — **S125234298, N/A**

Site 2 of 3 in cluster BI

Relative: Higher
Actual: 83 ft.

ALLSITES:

Name:	BREWERY BLOCKS 2101 S C ST/2100 COMMERCE
Facility Id:	35175

---

242 NW 1/4-1/2 0.454 mi. 2397 ft. — **BRANDRUD FURNITURE INC TACOMA, 1933 DOCK ST, TACOMA, WA 98402** — **WA ALLSITES, RCRA NonGen / NLR, FINDS, ECHO** — **1000301138, WAD039270624**

Relative: Lower
Actual: 20 ft.

ALLSITES:

Name:	THE HENRY SITE 1
Facility Id:	20854
Name:	BRANDRUD FURNITURE INC TACOMA
Facility Id:	21214962

RCRA Listings:

Date Form Received by Agency:	1982-01-28 00:00:00.0
Handler Name:	BRANDRUD FURNITURE INC TACOMA
Handler Address:	1933 DOCK ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD039270624
Contact Name:	BRANDRUD FURNIT BRANDRUD FURNIT
Contact Address:	1502 20TH ST NW
Contact City,State,Zip:	AUBURN, WA 98001-3428
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

BRANDRUD FURNITURE INC TACOMA (Continued) **1000301138**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1502 20TH ST NW
Mailing City,State,Zip:	AUBURN, WA 98001-3428
Owner Name:	BRANDRUD FURNIT B
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

BRANDRUD FURNITURE INC TACOMA (Continued) **1000301138**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRANDRUD FURNITURE INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1933 DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRANDRUD FURNITURE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1933 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3111
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRANDRUD FURNIT B
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1933 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3111
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRANDRUD FURNITURE INC
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1933 E DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

BRANDRUD FURNITURE INC TACOMA (Continued) **1000301138**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BRANDRUD FURNITURE INC TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1933 DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1933 DOCK ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1982-01-28 00:00:00.0
Handler Name:	BRANDRUD FURNITURE INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1982-01-28 00:00:00.0
Handler Name:	BRANDRUD FURNITURE INC TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1982-01-28 00:00:00.0
Handler Name:	BRANDRUD FURNITURE INC TACOMA
Federal Waste Generator Description:	Not a generator, verified

BRANDRUD FURNITURE INC TACOMA (Continued) **1000301138**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	337211
NAICS Description:	WOOD OFFICE FURNITURE MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1984-01-17 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1985-01-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General

BRANDRUD FURNITURE INC TACOMA (Continued) **1000301138**

Date Violation was Determined:	1984-01-17 00:00:00.0
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1984-02-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1984-02-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1984-01-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1985-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1984-01-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1994-07-04 00:00:00.0
Scheduled Compliance Date:	1984-02-29 00:00:00.0

BRANDRUD FURNITURE INC TACOMA (Continued) **1000301138**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110005319556

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110056981878

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000301138
Registry ID: 110056981878
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056981878
Name: THE HENRY - SITE 1
Address: 1933 DOCK ST
City,State,Zip: TACOMA, WA 98421

Envid: 1000301138
Registry ID: 110005319556
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005319556
Name: BRANDRUD FURNITURE INC TACOMA
Address: 1933 DOCK ST
City,State,Zip: TACOMA, WA 98402

BG243 WSW 1/4-1/2 0.455 mi. 2403 ft. | **D TO M STREETS TRACK & SIGNAL PROJ** | **WA ALLSITES** | **S110124200** **N/A**

TACOMA, WA

Site 3 of 3 in cluster BG

Relative: Higher

Actual: 134 ft.

ALLSITES:
Name: D TO M STREETS TRACK & SIGNAL PROJ
Facility Id: 20987

BJ244 WNW 1/4-1/2 0.459 mi. 2421 ft. | **VERIZON WIRELESS WATA EVEREST COLLEGE** | **WA ALLSITES** | **S123096514** **N/A**

1944 PACIFIC AVE
TACOMA, WA 98402

Site 2 of 5 in cluster BJ

Relative: Higher

Actual: 65 ft.

ALLSITES:
Name: VERIZON WIRELESS WATA EVEREST COLLEGE
Facility Id: 58816

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245 NE 1/4-1/2 0.460 mi. 2431 ft. | **BURLINGTON NORTHERN RAILROAD** | **SEMS** | **1000285960** **WAD980723498**

RIGHT-OF-WAY TAR PITS
TACOMA, WA 98421

Relative: Lower

Actual: 15 ft.

SEMS:
Site ID: 1000960
EPA ID: WAD980723498
Name: BURLINGTON NORTHERN RAILROAD
Address: RIGHT-OF-WAY TAR PITS
Address 2: Not reported
City,State,Zip: TACOMA, WA 98421
Cong District: 06
FIPS Code: 53053
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Site is Part of NPL Site
Non NPL Status: Not reported

SEMS Detail:
Region: 10
Site ID: 1000960
EPA ID: WAD980723498
Site Name: BURLINGTON NORTHERN RAILROAD
NPL: A
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1982-08-10 04:00:00
Finish Date: 8/10/1982 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000960

BURLINGTON NORTHERN RAILROAD (Continued) **1000285960**

EPA ID:	WAD980723498
Site Name:	BURLINGTON NORTHERN RAILROAD
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-12-30 05:00:00
Finish Date:	12/30/1988 5:00:00 AM
Qual:	A
Current Action Lead:	St Perf

Region:	10
Site ID:	1000960
EPA ID:	WAD980723498
Site Name:	BURLINGTON NORTHERN RAILROAD
NPL:	A
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1987-09-30 04:00:00
Finish Date:	9/30/1987 4:00:00 AM
Qual:	H
Current Action Lead:	St Perf

BK246 **TACOMA PUBLIC WORKS SHOP/VEHICLE FIRE 10-29-19** **WA SPILLS** **S125529491**
West **2335 JEFFERSON AVE** **WA AQUEOUS FOAM** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.463 mi.
2442 ft. **Site 1 of 6 in cluster BK**

Relative:
Higher

Actual:
144 ft.

SPILLS:

Name:	Not reported
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	108778
Medium:	Catch Basin - Wet
Material Desc:	Firefighting Foam
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/29/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.23967
Longitude:	-122.43866
Source Type:	Facility
Source:	Government Facilities
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Unknown
Cause:	Tacoma Public Works Shop/Vehicle Fire 10-29-19
Cause Type:	Not reported

TACOMA PUBLIC WORKS SHOP/VEHICLE FIRE 10-29-19 (Continued) **S125529491**

Resp Party Name:	Not reported

Name:	Not reported
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	108778
Medium:	Puget Sound
Material Desc:	Waste Water
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/29/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.23967
Longitude:	-122.43866
Source Type:	Facility
Source:	Government Facilities
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Unknown
Cause:	Tacoma Public Works Shop/Vehicle Fire 10-29-19
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	108778
Medium:	Roadway - Paved
Material Desc:	Waste Water
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/29/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.23967
Longitude:	-122.43866
Source Type:	Facility
Source:	Government Facilities
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Unknown
Cause:	Tacoma Public Works Shop/Vehicle Fire 10-29-19
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	108778
Medium:	Catch Basin - Wet
Material Desc:	Firefighting Foam
Material Qty:	1

TACOMA PUBLIC WORKS SHOP/VEHICLE FIRE 10-29-19 (Continued) **S125529491**

Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/29/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.23967
Longitude:	-122.43866
Source Type:	Facility
Source:	Government Facilities
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	108778
Medium:	Puget Sound
Material Desc:	Waste Water
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/29/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.23967
Longitude:	-122.43866
Source Type:	Facility
Source:	Government Facilities
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	108778
Medium:	Roadway - Paved
Material Desc:	Waste Water
Material Qty:	1
Material Units:	Other
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	10/29/2019
Incident Category Type:	Non Oil
Incident Category:	Other Non-Oil
Latitude:	47.23967
Longitude:	-122.43866
Source Type:	Facility

TACOMA PUBLIC WORKS SHOP/VEHICLE FIRE 10-29-19 (Continued) **S125529491**

Source:	Government Facilities
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

AQUEOUS FOAM:

Name:	TACOMA PUBLIC WORKS SHOP/VEHICLE FIRE 10-29-19
Address:	2335 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Incident ID:	108778
Incident Date:	10/29/2019
Source:	Government Facilities
Medium:	Catch Basin - Wet
Material:	Firefighting Foam
Spill Quantity:	1
Units:	Other
Latitude:	47.23967
Longitude:	-122.43866

BJ247 **HARMON BREWERY & RESTAURANT** **WA ALLSITES** **S110123491**
WNW **1938 PACIFIC AVE** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.463 mi.
2443 ft. **Site 3 of 5 in cluster BJ**

Relative:
Higher

Actual:
62 ft.

ALLSITES:

Name:	HARMON BREWERY & RESTAURANT
Facility Id:	9406

BJ248 **UNION STATION MUSEUM** **WA CSCSL** **U003352715**
NW **1917 PACIFIC AVE SO** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA UST**
0.464 mi. **WA ALLSITES**
2449 ft. **Site 4 of 5 in cluster BJ**

Relative:
Lower

Actual:
48 ft.

CSCSL:

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected

UNION STATION MUSEUM (Continued) **U003352715**

Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	UNION STATION MUSEUM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Region:	Southwest
Lat/Long:	47.24448 / -122.43655
Clean Up Siteid:	9641
Site Status:	Cleanup Started

UNION STATION MUSEUM (Continued) **U003352715**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address: 1917 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 54459981
Region: Southwest
Lat/Long: 47.24448 / -122.43655
Clean Up Siteid: 9641
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNION STATION MUSEUM
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address: 1917 PACIFIC AVE S
City,State,Zip: TACOMA, WA 98402
Facility ID: 54459981
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9641
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNION STATION MUSEUM
Response Section: Southwest
Release Date: 10/01/1992
Lust Date: 01/06/2012
Region: Southwest
Lust ID: 2355
UST ID: 101729
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported

UNION STATION MUSEUM (Continued) **U003352715**

Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Diesel
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started

UNION STATION MUSEUM (Continued) **U003352715**

Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Benzene
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

Name:	WA HISTORICAL SOCIETY UNION ST STATION MUSEUM
Address:	1917 PACIFIC AVE S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	54459981
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9641
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	UNION STATION MUSEUM
Response Section:	Southwest
Release Date:	10/01/1992
Lust Date:	01/06/2012
Region:	Southwest
Lust ID:	2355
UST ID:	101729
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24448 / -122.43655

UST:

Name:	UNION STATION MUSEUM
Address:	1917 PACIFIC AVE SO
City:	TACOMA
Zip:	98402
Facility ID:	54459981
Site Id:	101729
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24448
Decimal Longitude:	-122.43655

Tank Name:	1
Tag Number:	Not reported

UNION STATION MUSEUM (Continued) **U003352715**

Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	UNION STATION MUSEUM
Facility Id:	54459981

BL249 **MAJOR PETROLEUM B.P.** **WA HSL** **U003355274**
ENE **1302 PUYALLUP AVE** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA LUST**
0.466 mi. **WA UST**
2458 ft. **Site 1 of 6 in cluster BL** **WA ALLSITES**
WA Financial Assurance
WA PTAP

Relative:
Lower

Actual:
22 ft.

HSL:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	61931157
Rank:	2
Region:	PLIA
EDR Link ID:	61931157
Region Decode:	Not reported

CSCSL:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Facility ID:	61931157
Region:	Southwest
Lat/Long:	47.24187 / -122.41506
Clean Up Siteid:	6385
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	MAJOR PETROLEUM B.P.,MAJOR PETROLEUM BP
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Pollution Liability Ins Agcy

LUST:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	61931157
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6385
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	MAJOR PETROLEUM B.P.,MAJOR PETROLEUM BP
Response Section:	Pollution Liability Ins Agcy
Release Date:	05/24/1989
Lust Date:	12/17/2007
Region:	Southwest
Lust ID:	1764
UST ID:	7117
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24187 / -122.41506

UST:

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421
Facility ID:	61931157
Site Id:	7117
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24187
Decimal Longitude:	-122.41506

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Name:	1
Tag Number:	A4260
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	07/05/1971
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	5
Tag Number:	A4260
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	2,001 to 4,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	6
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	7
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	8
Tag Number:	A4260
Tank Status:	Operational
Tank Status Date:	08/06/1996

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Tank Install Date:	06/15/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	01/31/2021
Tank Upgrade Date:	11/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Automatic Shutoff (fill pipe)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Annual Line Tightness Test (LTT)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

ALLSITES:

Name:	UNOCAL 76 MAJOR PETROLEUM
Facility Id:	61931157

WA Financial Assurance 1:

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	05/09/2015
Expiration Date:	05/09/2016
Address 2:	Not reported
Policy Number:	WA640207-9
Effective Date:	04/09/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/23/2016
Expiration Date:	05/08/2017
Address 2:	Not reported
Policy Number:	WA640207-10
Effective Date:	03/23/2016
Liability Limit Type:	Not reported

MAJOR PETROLEUM B.P. (Continued) **U003355274**

Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/29/2017
Expiration Date:	05/08/2018
Address 2:	Not reported
Policy Number:	WA640207-11
Effective Date:	03/29/2017
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	04/12/2018
Expiration Date:	05/08/2019
Address 2:	Not reported
Policy Number:	WA640207-12
Effective Date:	04/12/2018
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

Name:	MAJOR PETROLEUM B.P.
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	7117
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	04/10/2019
Expiration Date:	05/08/2020
Address 2:	Not reported
Policy Number:	WA640207-13
Effective Date:	04/10/2019
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.24187
Longitude:	-122.41506

MAJOR PETROLEUM B.P. (Continued) **U003355274**

PTAP:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVENUE
City,State,Zip:	TACOMA, WA 98421
Site ID:	PSW053
FSID Number:	61931157
Entry Date:	01/09/2019
Status:	In Progress

BL250 **UNOCAL 76 MAJOR PETROLEUM** **WA VCP** **S124435216**
ENE **1302 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.466 mi.
2458 ft. **Site 2 of 6 in cluster BL**

Relative:
Lower

Actual:
22 ft.

VCP:

Name:	UNOCAL 76 MAJOR PETROLEUM
Address:	1302 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	61931157
VCP Status:	Not reported
VCP:	Not reported
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	Not reported
Rank:	2
Cleanup Siteid:	6385
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

BJ251 **WASHINGTON STATE HISTORY MUSEUM** **WA HSL** **S108479706**
NW **1911 PACIFIC AVE** **WA CSCSL** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ALLSITES**
0.467 mi.
2466 ft. **Site 5 of 5 in cluster BJ**

Relative:
Lower

Actual:
47 ft.

HSL:

Name:	WASHINGTON STATE HISTORY MUSEUM
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	4553045
Rank:	4
Region:	SW
EDR Link ID:	4553045
Region Decode:	SOUTHWEST REGIONAL OFFICE

WASHINGTON STATE HISTORY MUSEUM (Continued) **S108479706**

CSCSL:

Name:	WASHINGTON STATE HISTORY MUSEUM
Address:	1911 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4553045
Region:	Southwest
Lat/Long:	47.245080118084 / -122.4362511998
Clean Up Siteid:	3332
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	BURLINGTON NORTHERN RAILROAD MAINTENANCE YARD PACIFIC AVE
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WASHINGTON STATE HISTORY MUSEUM
Facility Id:	4553045

BM252 **STANDARD AUTO ELECTRIC** **WA VCP** **S124433738**
WSW **401 S TACOMA WAY** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.468 mi.
2472 ft. **Site 1 of 2 in cluster BM**

Relative:
Higher

Actual:
113 ft.

VCP:

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	29881617
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-01-03
Rank:	Not reported
Cleanup Siteid:	8639
Contaminant Name:	Benzene
Soil:	Remediated-Below

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402

STANDARD AUTO ELECTRIC (Continued) **S124433738**

edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 29881617
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2017-01-03
Rank: Not reported
Cleanup Siteid: 8639
Contaminant Name: Lead
Soil: Below Cleanup Levels

Name: STANDARD AUTO ELECTRIC
Address: 401 S TACOMA WAY
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 29881617
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2017-01-03
Rank: Not reported
Cleanup Siteid: 8639
Contaminant Name: Other Non-Halogenated Organics
Soil: Remediated-Below

Name: STANDARD AUTO ELECTRIC
Address: 401 S TACOMA WAY
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 29881617
VCP Status: Not reported
VCP: NFA
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 2017-01-03
Rank: Not reported
Cleanup Siteid: 8639
Contaminant Name: Petroleum-Diesel
Soil: Not reported

Name: STANDARD AUTO ELECTRIC
Address: 401 S TACOMA WAY
City,State,Zip: TACOMA, WA 98402
edr_fstat: WA
edr_fzip: 98402
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 29881617

STANDARD AUTO ELECTRIC (Continued) **S124433738**

VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-01-03
Rank:	Not reported
Cleanup Siteid:	8639
Contaminant Name:	Petroleum-Gasoline
Soil:	Remediated-Below

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
edr_fstat:	WA
edr_fzip:	98402
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	29881617
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2017-01-03
Rank:	Not reported
Cleanup Siteid:	8639
Contaminant Name:	Petroleum-Other
Soil:	Not reported

BM253 **STANDARD AUTO ELECTRIC** **WA LUST** **U003732901**
WSW **401 S TACOMA WAY** **WA UST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA ICR**
0.468 mi. **WA ALLSITES**
2472 ft. **Site 2 of 2 in cluster BM** **WA CSCSL NFA**

Relative:
Higher

Actual:
113 ft.

LUST:

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	29881617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8639
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/13/2000
Lust Date:	01/03/2017
Region:	Southwest
Lust ID:	5534
UST ID:	533785
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2366639 / -122.43788

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	29881617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8639
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/13/2000
Lust Date:	01/03/2017
Region:	Southwest
Lust ID:	5534
UST ID:	533785
Contaminant Name:	Petroleum-Diesel
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2366639 / -122.43788

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	29881617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8639
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/13/2000
Lust Date:	01/03/2017
Region:	Southwest
Lust ID:	5534
UST ID:	533785
Contaminant Name:	Petroleum-Other
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2366639 / -122.43788

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	29881617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8639
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Response Section:	Southwest
Release Date:	07/13/2000
Lust Date:	01/03/2017
Region:	Southwest
Lust ID:	5534
UST ID:	533785
Contaminant Name:	Lead
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2366639 / -122.43788

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	29881617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8639
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/13/2000
Lust Date:	01/03/2017
Region:	Southwest
Lust ID:	5534
UST ID:	533785
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2366639 / -122.43788

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility ID:	29881617
Lust Status Type:	LUST - NFA
Cleanup Site ID:	8639
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Not reported
Response Section:	Southwest
Release Date:	07/13/2000
Lust Date:	01/03/2017
Region:	Southwest
Lust ID:	5534
UST ID:	533785
Contaminant Name:	Benzene
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2366639 / -122.43788

UST:

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City:	TACOMA
Zip:	98402
Facility ID:	29881617
Site Id:	533785
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2366639165694
Decimal Longitude:	-122.437880101764

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	05/29/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	05/29/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	5,000 to 9,999 Gallons

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	07/13/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-27
County Code:	27
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/24/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-53
County Code:	27
Contact:	Not reported
Report Title:	Soil Remediation Report

Date Ecology Received Report:	09/24/02
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-53
County Code:	27
Contact:	Not reported
Report Title:	September 2002 Ground Water Monitoring

Date Ecology Received Report:	10/23/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-30
County Code:	27
Contact:	Not reported
Report Title:	Ground Water Investigation

ALLSITES:

Name:	STANDARD AUTO ELECTRIC
Facility Id:	29881617

CSCSL NFA:

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	29881617
CS Id:	8639
NFA Date:	01/03/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236663917
Longitude:	-122.4378801

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	29881617
CS Id:	8639
NFA Date:	01/03/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236663917
Longitude:	-122.4378801

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Facility/Site Id:	29881617
CS Id:	8639
NFA Date:	01/03/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236663917
Longitude:	-122.4378801

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	29881617
CS Id:	8639
NFA Date:	01/03/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Diesel
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236663917
Longitude:	-122.4378801

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	29881617
CS Id:	8639
NFA Date:	01/03/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236663917
Longitude:	-122.4378801

STANDARD AUTO ELECTRIC (Continued) **U003732901**

Name:	STANDARD AUTO ELECTRIC
Address:	401 S TACOMA WAY
City,State,Zip:	TACOMA, WA 98402
Facility/Site Id:	29881617
CS Id:	8639
NFA Date:	01/03/2017
Alternate Site Names:	Not reported
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.236663917
Longitude:	-122.4378801

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254 West 1/4-1/2 0.469 mi. 2477 ft.

TACOMA CITY STREET MAINTENANCE
2301 S JEFFERSON
TACOMA, WA 98409

WA ALLSITES **S108233886**
WA MANIFEST **N/A**

Relative: Higher

Actual: 130 ft.

ALLSITES:

Name:	TACOMA CITY STREET MAINTENANCE
Facility Id:	7645557

WA MANIFEST:

Name:	TACOMA CITY STREET MAINTENANCE
Address:	2301 S JEFFERSON
City,State,Zip:	TACOMA, WA 98409
Facility Address 2:	Not reported
Facility ID:	7645557
EPA ID:	WAH000027343
NAICS:	23731
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported

TACOMA CITY STREET MAINTENANCE (Continued) **S108233886**

Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278012338
Business Type:	Street Maintenance
Mail Name:	City of Tacoma
Mailing Address:	747 Market St
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5535
Legal Effective Date:	07/01/2005
Land Organization Name:	City of Tacoma
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5535
Operator Organization Name:	City of Tacoma Street Maintenance
Operator Organization Type:	Municipal
Operator:	Not reported
Operator Address:	2324 S C St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)591-5495
Operator Effective Date:	Not reported
Site Contact:	Robert T DeLong
Site Contact Address:	2324 S C St
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)591-5495
Site Contact Email:	tim.delong@cityoftacoma.org
Gen Status Code:	MQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	Yes
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

BN255 **NORTH COAST ELECTRIC CO** **WA ALLSITES** **S109824129**
East **1301 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.470 mi.
2479 ft. **Site 1 of 3 in cluster BN**

Relative:
Lower

Actual:
42 ft.

ALLSITES:

Name:	NORTH COAST ELECTRIC CO
Facility Id:	15395

BL256 **TAFT & COMPANY 1239 PUYALLUP AVE** **WA VCP** **S124434023**
ENE **1239 PUYALLUP AVE** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.470 mi.
2481 ft. **Site 3 of 6 in cluster BL**

Relative:
Lower

Actual:
21 ft.

VCP:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
edr_fstat:	WA
edr_fzip:	98421
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility ID:	35539812
VCP Status:	Not reported
VCP:	NFA
Ecology Status:	Not reported
NFA Type:	Not reported
Date NFA:	2000-10-10
Rank:	Not reported
Cleanup Siteid:	5932
Contaminant Name:	Petroleum-Other
Soil:	Confirmed Above Cleanup Levels

BL257 **TAFT & COMPANY** **WA ICR** **S104782993**
ENE **1239 PUYALLUP AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.470 mi.
2481 ft. **Site 4 of 6 in cluster BL**

Relative:
Lower

Actual:
21 ft.

ICR:

Date Ecology Received Report:	08/18/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-29
County Code:	27
Contact:	Not reported
Report Title:	Tank Removal, Site Assessment, and Cleanup
Date Ecology Received Report:	04/18/01

BL258 ENE 1/4-1/2 0.470 mi. 2481 ft.

TAFT & COMPANY 1239 PUYALLUP AVE
1239 PUYALLUP AVE
TACOMA, WA 98421

Site 5 of 6 in cluster BL

WA LUST
WA ALLSITES
WA CSCSL NFA

S104971325
N/A

Relative: Lower

Actual: 21 ft.

LUST:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	35539812
Lust Status Type:	LUST - NFA
Cleanup Site ID:	5932
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	TAFT & COMPANY
Response Section:	Southwest
Release Date:	08/18/2000
Lust Date:	10/10/2000
Region:	Southwest
Lust ID:	5574
UST ID:	549284
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2424167 / -122.41545

ALLSITES:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Facility Id:	35539812

CSCSL NFA:

Name:	TAFT & COMPANY 1239 PUYALLUP AVE
Address:	1239 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	35539812
CS Id:	5932
NFA Date:	10/10/2000
Alternate Site Names:	TAFT & COMPANY
NFA Reason:	NFA-Voluntary Cleanup Program Review
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.242416774
Longitude:	-122.41545752

BO259 **MAYCO FISH** **WA UST** **U003960397**
WSW **2523 S JEFFERSON AVE** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.472 mi.
2491 ft. **Site 1 of 3 in cluster BO**

Relative:
Higher

Actual:
149 ft.

UST:

Name:	MAYCO FISH
Address:	2523 S JEFFERSON AVE
City:	TACOMA
Zip:	98402
Facility ID:	8110172
Site Id:	618996
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.237640000948
Decimal Longitude:	-122.43879
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	01/19/2004
Tank Install Date:	Not reported
Tank Closure Date:	02/10/2004
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	MAYCO FISH
Address:	2523 S JEFFERSON AVE
City:	TACOMA
Zip:	98402
Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	01/19/2004
Tank Install Date:	Not reported
Tank Closure Date:	02/10/2004
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported

MAYCO FISH (Continued) **U003960397**

Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	MAYCO FISH SITE
Facility Id:	8110172

---

260 West 1/4-1/2 0.472 mi. 2491 ft. | **UNION PACIFIC RR TUNNEL**
JEFFERSON & 25TH & CENTER
TACOMA, WA 98421 | **WA HSL** **WA CSCSL** **WA ALLSITES** **FINDS** | **1007080823** **N/A**

Relative: Higher

Actual: 154 ft.

HSL:

Name:	UNION PACIFIC RR TUNNEL
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1292
Rank:	2
Region:	SW
EDR Link ID:	1292
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Halogenated Organics
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported

UNION PACIFIC RR TUNNEL (Continued) **1007080823**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RR TUNNEL
Address:	JEFFERSON & 25TH & CENTER
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1292
Region:	Southwest
Lat/Long:	47.23851 / -122.43868
Clean Up Siteid:	3259
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Time Oil
Site Rank:	2 - Moderate-High Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RR TUNNEL
Facility Id:	1292

UNION PACIFIC RR TUNNEL (Continued) **1007080823**

FINDS:
Registry ID: 110015575466

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BK261 **WOODLAND TRADE CO JEFFERSON AVE** **WA ALLSITES** **1000660646**
West **2340 S JEFFERSON AVE** **RCRA NonGen / NLR** **WAD988503330**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.474 mi. **ECHO**
2505 ft. **Site 2 of 6 in cluster BK**

Relative:
Higher

Actual:
152 ft.

ALLSITES:
Name: WOODLAND TRADE CO JEFFERSON AVE
Facility Id: 39469359

RCRA Listings:

Date Form Received by Agency:	2002-02-05 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Handler Address:	2340 S JEFFERSON AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988503330
Contact Name:	THOMAS MONTANTE
Contact Address:	7625 MCKINLEY AVE. BLDG. A.
Contact City,State,Zip:	TACOMA, WA 98404
Contact Telephone:	253-476-9985
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	7625 MCKINLEY AVE. BLDG. A.
Mailing City,State,Zip:	TACOMA, WA 98404
Owner Name:	WOODLAND TRADE CO INC
Owner Type:	Private
Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:43:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE CO INC
Legal Status:	Private
Date Became Current:	2001-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7625 MCKINLEY AVE. BLDG. A.
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-476-9985
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE CO INC
Legal Status:	Private
Date Became Current:	2001-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7625 MCKINLEY AVE. BLDG. A.
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-476-9985
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE CO INC
Legal Status:	Private
Date Became Current:	2001-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7625 MCKINLEY AVE. BLDG. A.
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-476-9985
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7625 MCKINLEY AVE. BLDG. A.
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1764
Owner/Operator Telephone:	253-476-9985
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE W
Legal Status:	Private
Date Became Current:	2001-01-29 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	7625 MCKINLEY AVE. BLDG. A.
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1764
Owner/Operator Telephone:	253-476-9985
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOODLAND TRADE CO JEFFERSON AVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2340 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAMMARANO, WILLIAM B
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	902 NORTH G STREET
Owner/Operator City,State,Zip:	TACOMA, WA 98403
Owner/Operator Telephone:	253-272-4337
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-02-04 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-04 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-05 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-01-08 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-01-05 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-02 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-29 00:00:00.0
Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-04 00:00:00.0

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Handler Name:	WOODLAND TRADE CO JEFFERSON AVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	32613
NAICS Description:	LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

WOODLAND TRADE CO JEFFERSON AVE (Continued) **1000660646**

Evaluation Action Summary:

Evaluation Date:	1998-05-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WAHEP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005373381

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660646
Registry ID:	110005373381
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005373381
Name:	WOODLAND TRADE CO JEFFERSON AVE
Address:	2340 S JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402

BK262 **CAMARANO BROTHERS** **WA CSCSL** **U003732878**
West **2340 JEFFERSON AVE** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA UST**
0.474 mi. **WA ALLSITES**
2505 ft. **Site 3 of 6 in cluster BK**

Relative:
Higher

Actual:
152 ft.

CSCSL:

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402

CAMARANO BROTHERS (Continued) **U003732878**

Facility ID:	14192885
Region:	Southwest
Lat/Long:	47.2394626176 / -122.439440257
Clean Up Siteid:	8023
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	CAMARANO BROTHERS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8023
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAMARANO BROTHERS
Response Section:	Southwest
Release Date:	01/19/2001
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	5623
UST ID:	529632
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2394626 / -122.43944

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8023
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAMARANO BROTHERS
Response Section:	Southwest
Release Date:	01/19/2001
Lust Date:	05/11/2015
Region:	Southwest

CAMARANO BROTHERS (Continued) **U003732878**

Lust ID:	5623
UST ID:	529632
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2394626 / -122.43944

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8023
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAMARANO BROTHERS
Response Section:	Southwest
Release Date:	01/19/2001
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	5623
UST ID:	529632
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2394626 / -122.43944

Name:	CAMMARANO TRUST UW
Address:	2340 JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	14192885
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	8023
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CAMARANO BROTHERS
Response Section:	Southwest
Release Date:	01/19/2001
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	5623
UST ID:	529632
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Lat/Long: 47.2394626 / -122.43944

UST:

Name:	CAMARANO BROTHERS
Address:	2340 JEFFERSON AVE
City:	TACOMA
Zip:	98402
Facility ID:	14192885
Site Id:	529632
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2394626176
Decimal Longitude:	-122.439440257

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	04/11/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	CAMARANO BROTHERS
Address:	2340 JEFFERSON AVE
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/01/2000
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported

CAMARANO BROTHERS (Continued) **U003732878**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	CAMARANO BROTHERS
Facility Id:	14192885

BK263 **CAMMARANO TRUST** **WA ICR** **S104873236**
West **2340 JEFFERSON AVE.** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.474 mi.
2505 ft. **Site 4 of 6 in cluster BK**

Relative:
Higher

Actual:
152 ft.

ICR:

Date Ecology Received Report:	07/21/00
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Tank Closure/Site Assessment Report

BN264 **HERITAGE ENTERPRISES INC** **WA ALLSITES FINDS** **1007078070**
East **1321 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.477 mi.
2516 ft. **Site 2 of 3 in cluster BN**

Relative:
Lower

Actual:
43 ft.

ALLSITES:

Name:	HERITAGE ENTERPRISES INC
Facility Id:	5478619

FINDS:

Registry ID: 110015547540

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington

HERITAGE ENTERPRISES INC (Continued) **1007078070**

Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BN265 **TACOMA MOVING & STORAGE** **WA ALLSITES** **S109824305**
East **1314 E 26TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.479 mi.
2531 ft. **Site 3 of 3 in cluster BN**

Relative:
Lower

Actual:
53 ft.

ALLSITES:

Name:	TACOMA MOVING & STORAGE
Facility Id:	856

BP266 **UNIVERSITY OF WASHINGTON AT TACOMA** **WA UST** **1007075473**
WNW **1953 S C ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98401**
0.479 mi.
2531 ft. **Site 1 of 4 in cluster BP**

Relative:
Higher

Actual:
75 ft.

UST:

Name:	UNIVERSITY OF WASHINGTON AT TACOMA
Address:	1953 S C ST
City:	TACOMA
Zip:	98401
Facility ID:	14933528
Site Id:	588896
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24359
Decimal Longitude:	-122.4374
Tank Name:	A
Tag Number:	Not reported
Tank Status:	Closure in Process
Tank Status Date:	12/20/2001
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

UNIVERSITY OF WASHINGTON AT TACOMA (Continued) **1007075473**

Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: WA UW TACOMA C ST
Facility Id: 14933528

BK267
West
1/4-1/2
0.480 mi.
2535 ft.

TOTEM ELECTRIC
2332 JEFFERSON AVE
TACOMA, WA 98402

Site 5 of 6 in cluster BK

WA ALLSITES
FINDS

1011932427
N/A

Relative:
Higher

Actual:
153 ft.

ALLSITES:
Name: TOTEM ELECTRIC
Facility Id: 4624386

FINDS:
Registry ID: 110037547072

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BQ268
NNE
1/4-1/2
0.480 mi.
2537 ft.

TRUCK RAIL HANDLING INC
457 E 18TH ST
TACOMA, WA 98421

Site 1 of 5 in cluster BQ

RCRA-VSQG
WA HSL
WA CSCSL
WA ALLSITES
WA SPILLS
WA MANIFEST
WA NPDES

1001226262
WAH000002261

Relative:
Lower

Actual:
10 ft.

RCRA Listings:

Date Form Received by Agency:	2019-03-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Handler Address:	457 E 18TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000002261
Contact Name:	MIKE MCPHERSON
Contact Address:	457 E 18TH ST.
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-377-0102
Contact Fax:	Not reported
Contact Email:	MMCPHERSON@QATP-TRH.COM
Contact Title:	TERMINAL MANAGER

TRUCK RAIL HANDLING INC (Continued) **1001226262**

EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TRUCK RAIL HANDLING INC
Owner Type:	Private
Operator Name:	TRUCK RAIL HANDLING INC., MIKE MCPHERSON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:21:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	103
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERTS, JAMES M
Legal Status:	Private
Date Became Current:	1999-03-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 581
Owner/Operator City,State,Zip:	MEDINA, WA 98039
Owner/Operator Telephone:	425-454-6165
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	103
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CADY, BRAD
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC.
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC., MIKE MCPHERSON
Legal Status:	Private
Date Became Current:	2008-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRAD CADY
Legal Status:	Private
Date Became Current:	1997-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-08-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-01-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-07-28 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-10-28 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-09 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-08-21 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-01-02 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-01-26 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-04-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-11 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-04-03 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-25 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-01-07 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-01-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-02-14 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-02-04 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-02-27 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-02-23 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-01-23 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2019-03-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

NAICS Code:	488210
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	2014-06-19 00:00:00.0
Actual Return to Compliance Date:	2014-11-24 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	2014-11-24 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2014-11-24 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAKPO

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	2010-09-01 00:00:00.0
Actual Return to Compliance Date:	2010-06-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2010-09-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WALLM

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-06-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WAKPO
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2014-11-24 00:00:00.0
Scheduled Compliance Date:	2014-11-24 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-05-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-12-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-09-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	WALLM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2010-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-01-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAAME
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-06 00:00:00.0
Evaluation Responsible Agency:	State

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2001-03-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-09-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	WABFM
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

HSL:

Name:	TRUCK RAIL HANDLING INC
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	63316697
Rank:	4
Region:	SW
EDR Link ID:	63316697
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TRUCK RAIL HANDLING INC

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	63316697
Region:	Southwest
Lat/Long:	47.247 / -122.42381
Clean Up Siteid:	11416
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	MPS TACOMA INC
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	63316697
Region:	Southwest
Lat/Long:	47.247 / -122.42381
Clean Up Siteid:	11416
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	MPS TACOMA INC
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	63316697
Region:	Southwest
Lat/Long:	47.247 / -122.42381
Clean Up Siteid:	11416
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	MPS TACOMA INC
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TRUCK RAIL HANDLING INC
Facility Id:	63316697

SPILLS:

Name:	Not reported
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107483
Medium:	Industrial Property
Material Desc:	JET FUEL/KEROSENE
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	07/18/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.247
Longitude:	-122.42381
Source Type:	Vehicle
Source:	Tank Truck
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Katey Potter
Cause:	PSC Environmental spill 7/18/19
Cause Type:	Not reported
Resp Party Name:	PSC Environmental Services

Name:	Not reported
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	107483
Medium:	Industrial Property
Material Desc:	JET FUEL/KEROSENE
Material Qty:	1
Material Units:	Gals
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	07/18/2019
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.247
Longitude:	-122.42381
Source Type:	Vehicle
Source:	Tank Truck
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	PSC Environmental Services

Name:	TRUCK RAIL HANDLING
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	561993
Medium:	Not reported
Material Desc:	WATER
Material Qty:	100
Material Units:	GALLON
Date Received:	04/18/2007
Contact Name:	CADY
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	SAFETY-KLEEN (CLEAN HARBORS)
Address:	457 E. 18TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	655878
Medium:	IMPERMEABLE CONTAINMENT
Material Desc:	Used Oil
Material Qty:	300
Material Units:	GALLON
Date Received:	03/30/2015
Contact Name:	Plummer
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421
Legal Organization Name:		Truck Rail Handling Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		45051 INDUSTRIAL DR
Legal Address 2:		Not reported
Legal City,State,Zip:		FREMONT, CA 94538
Legal Phone Number:		(510)657-4267
Legal Effective Date:		08/21/2000
Land Organization Name:		Truck Rail Handling Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		45051 INDUSTRIAL DR
Land City,State,Zip:		FREMONT, CA 94538
Land Phone Number:		(510)657-4267
Operator Organization Name:		Truck Rail Handling Inc., Mike McPherson
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		457 E 18th St
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421
Operator Phone Number:		(253) 383-1009
Operator Effective Date:		01/01/2008
Site Contact:		Not reported
Site Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Site Contact Phone Number:		Not reported
Site Contact Email:		Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc: D001	
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2016
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	(510)657-4267
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatptrh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Used Oil Fuel Marketer Meets Specs:		False
Site Contact Address 2:		Not reported
Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2015
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Truck Rail Handling Inc
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1506
Legal Organization Name:		Truck Rail Handling Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		45051 INDUSTRIAL DR
Legal Address 2:		Not reported
Legal City,State,Zip:		FREMONT, CA 94538
Legal Phone Number:		(510)657-4267
Legal Effective Date:		08/21/2000
Land Organization Name:		Truck Rail Handling Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		45051 INDUSTRIAL DR
Land City,State,Zip:		FREMONT, CA 94538
Land Phone Number:		(510)657-4267
Operator Organization Name:		Truck Rail Handling Inc.
Operator Organization Type:		Private
Operator:		Mike McPherson
Operator Address:		457 E 18th St
Operator Address 2:		Not reported
Operator City,State,Zip:		TACOMA, WA 98421
Operator Phone Number:		(253)383-1009,ext 105

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009,ext 105
Site Contact Email:	mmcpherson@qatptrh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:		TRUCK RAIL HANDLING INC
Address:		457 E 18TH ST
City,State,Zip:		TACOMA, WA 98421-1506
Facility Address 2:		Not reported
Facility ID:		63316697
EPA ID:		WAH000002261
NAICS:		488210
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2014
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		601138154
Business Type:		Not reported
Mail Name:		Truck Rail Handling Inc
Mailing Address:		457 E 18TH ST
Mailing City,State,Zip:		TACOMA, WA 98421-1506

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	(510)657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

TRUCK RAIL HANDLING INC (Continued) **1001226262**

LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Mike McPherson
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009 ,ext 105
Operator Effective Date:	01/01/2008
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009 ,ext 105
Site Contact Email:	mmcpherson@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261

TRUCK RAIL HANDLING INC (Continued) **1001226262**

NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Brad Cady
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009
Operator Effective Date:	07/28/1997
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009
Site Contact Email:	jcrews@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True

TRUCK RAIL HANDLING INC (Continued) **1001226262**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1506
Facility Address 2:	Not reported
Facility ID:	63316697
EPA ID:	WAH000002261
NAICS:	488210
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601138154
Business Type:	Not reported
Mail Name:	Truck Rail Handling Inc
Mailing Address:	457 E 18TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1506
Legal Organization Name:	Truck Rail Handling Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	45051 INDUSTRIAL DR
Legal Address 2:	Not reported
Legal City,State,Zip:	FREMONT, CA 94538
Legal Phone Number:	510657-4267 103
Legal Effective Date:	08/21/2000
Land Organization Name:	Truck Rail Handling Inc

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	45051 INDUSTRIAL DR
Land City,State,Zip:	FREMONT, CA 94538
Land Phone Number:	510657-4267
Operator Organization Name:	Truck Rail Handling Inc.
Operator Organization Type:	Private
Operator:	Brad Cady
Operator Address:	457 E 18th St
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-1009
Operator Effective Date:	07/28/1997
Site Contact:	Mike McPherson
Site Contact Address:	457 E 18TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1506
Site Contact Phone Number:	(253)383-1009
Site Contact Email:	jcrews@qatp-trh.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	TRUCK RAIL HANDLING INC
Address:	457 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR002841
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020

TRUCK RAIL HANDLING INC (Continued) **1001226262**

Days to Expiration: -1632

BQ269 **TRUCK RAIL HANDLING INC TRANSPORTER** **WA ALLSITES** **1005445033**
NNE **457 E 18TH ST TRANSPORTER** **RCRA NonGen / NLR** **WAH000012781**
1/4-1/2 **TACOMA, WA 98421**
0.480 mi.
2537 ft. **Site 2 of 5 in cluster BQ**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Facility Id:	22736925

RCRA Listings:

Date Form Received by Agency:	2004-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Handler Address:	457 E 18TH ST TRANSPORTER
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAH000012781
Contact Name:	LYNNE LASATER
Contact Address:	45051 INDUSTRIAL DR
Contact City,State,Zip:	FREMONT, CA 94538
Contact Telephone:	510-657-4267
Contact Fax:	Not reported
Contact Email:	LLASATER@QATP-TRH.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	457 E 18TH ST TRANSPORTER
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	TRUCK RAIL HANDLING INC
Owner Type:	Private
Operator Name:	TRUCK RAIL HANDLING INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:14:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HAND T
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JIM C
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1506
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	457 E 18TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Owner/Operator Telephone:	253-383-1009
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRUCK RAIL HANDLING INC
Legal Status:	Private
Date Became Current:	2000-09-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	45051 INDUSTRIAL DR
Owner/Operator City,State,Zip:	FREMONT, CA 94538
Owner/Operator Telephone:	510-657-4267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-19 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-20 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-09-05 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-01 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-22 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TRUCK RAIL HANDLING INC TRANSPORTER (Continued) **1005445033**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	TRUCK RAIL HANDLING INC TRANSPORTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	48821
NAICS Description:	SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

BQ270 **SAFETY KLEEN SYSTEMS 457 E 18TH** **WA ALLSITES** **S109555312**
NNE **457 E 18TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.480 mi.
2537 ft. **Site 3 of 5 in cluster BQ**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	SAFETY KLEEN SYSTEMS 457 E 18TH
Facility Id:	53196144

BQ271 **MPS INC** **WA ALLSITES** **1007081389**
NNE **457 E 18TH ST FRONT OF BLDG 2ND FLOOR** **FINDS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **ECHO**
0.480 mi.
2537 ft. **Site 4 of 5 in cluster BQ**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	MPS INC
Facility Id:	24976983

FINDS:

Registry ID:	110015581315

MPS INC (Continued) **1007081389**

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1007081389
Registry ID:	110015581315
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015581315
Name:	MPS INC
Address:	457 E 18TH ST FRONT OF BLDG 2ND FLOOR
City,State,Zip:	TACOMA, WA 98421

BQ272 **ARROW TRANSPORTATION COMPANY TACOMA TERMINAL** **WA ALLSITES** **1007081390**
NNE **457 E 18TH ST ARROW** **ICIS** **N/A**
1/4-1/2 **TACOMA, WA 98421** **FINDS**
0.480 mi. **ECHO**
2537 ft. **Site 5 of 5 in cluster BQ**

Relative:
Lower

Actual:
10 ft.

ALLSITES:

Name:	ARROW TRANSPORTATION CO TACOMA TERMINAL
Facility Id:	94425177

ICIS:

Enforcement Action ID:	10-1998-0019
FRS ID:	110015581324
Action Name:	ARROW TRANSPORTATION COMPANY OF DELAWARE
Facility Name:	ARROW TRANSPORTATION COMPANY TACOMA TERMINAL
Facility Address:	457 E 18TH ST ARROW TACOMA, WA 98421
Enforcement Action Type:	Bankruptcy
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	BNK
Facility SIC Code:	4213
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.247125
Longitude in Decimal Degrees:	-122.425756
Permit Type Desc:	Not reported
Program System Acronym:	21227
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

ARROW TRANSPORTATION COMPANY TACOMA TERMINAL (Continued) **1007081390**

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

Facility Name: ARROW TRANSPORTATION CO TACOMA TERMINAL
Address: 457 E 18TH ST ARROW
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4213

FINDS:
Registry ID: 110015581324

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ARROW TRANSPORTATION COMPANY TACOMA TERMINAL (Continued) **1007081390**

ECHO:

Envid:	1007081390
Registry ID:	110015581324
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110015581324
Name:	ARROW TRANSPORTATION CO TACOMA TERMINAL
Address:	457 E 18TH ST ARROW
City,State,Zip:	TACOMA, WA 98421

BR273 **ALL COTE COATINGS INC** **WA ALLSITES** **S109824372**
ENE **1311 E 25TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98421**
0.482 mi.
2544 ft. **Site 1 of 2 in cluster BR**

Relative:
Lower

Actual:
23 ft.

ALLSITES:

Name:	BRESHON MACHINE
Facility Id:	9531
Name:	ALL COTE COATINGS INC
Facility Id:	54832571

BK274 **ADAMS BRAKE SERVICE** **WA ALLSITES** **1000878487**
West **2324 S JEFFERSON AVE** **RCRA NonGen / NLR** **WA0000072793**
1/4-1/2 **TACOMA, WA 98402** **FINDS**
0.482 mi. **ECHO**
2547 ft. **Site 6 of 6 in cluster BK**

Relative:
Higher

Actual:
150 ft.

ALLSITES:

Name:	ADAMS BRAKE SERVICE
Facility Id:	42948571

RCRA Listings:

Date Form Received by Agency:	2001-01-16 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Handler Address:	2324 S JEFFERSON AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WA0000072793
Contact Name:	EARL VAN DIEST
Contact Address:	2324 S JEFFERSON AVE
Contact City,State,Zip:	TACOMA, WA 98402
Contact Telephone:	253-627-2366
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	2324 S JEFFERSON AVE
Mailing City,State,Zip:	TACOMA, WA 98402

ADAMS BRAKE SERVICE (Continued) **1000878487**

Owner Name:	ADAMS BRAKE SERVICE
Owner Type:	Private
Operator Name:	ADAMS BRAKE SERVICE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-07 13:45:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

ADAMS BRAKE SERVICE (Continued) **1000878487**

Manifest Broker: No
Sub-Part P Indicator: Not reported

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: VANDIEST, EARL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2324 S JEFFERSON AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 253-627-2366
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ADAMS BRAKE SERVICE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2324 S JEFFERSON AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ADAMS BRAKE SERVICE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2324 S JEFFERSON AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ADAMS BRAKE SERVICE
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2324 S JEFFERSON AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VANDIEST, EARL
Legal Status: Private
Date Became Current: Not reported

ADAMS BRAKE SERVICE (Continued) **1000878487**

Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

ADAMS BRAKE SERVICE (Continued) **1000878487**

Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VANDIEST, EARL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VANDIEST, EARL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ADAMS BRAKE SERVICE (Continued) **1000878487**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	VANDIEST, EARL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402

ADAMS BRAKE SERVICE (Continued) **1000878487**

Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SER A
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1405
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-1405
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ADAMS BRAKE SERVICE
Legal Status:	Private
Date Became Current:	1996-05-01 00:00:00.

ADAMS BRAKE SERVICE (Continued) **1000878487**

Date Ended Current:	Not reported
Owner/Operator Address:	2324 S JEFFERSON AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-2366
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2001-01-16 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-16 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-01-16 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ADAMS BRAKE SERVICE (Continued) **1000878487**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-11 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-06-03 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-13 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-11 00:00:00.0
Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-02-24 00:00:00.0

ADAMS BRAKE SERVICE (Continued) **1000878487**

Handler Name:	ADAMS BRAKE SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811118
NAICS Description:	OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

ADAMS BRAKE SERVICE (Continued) **1000878487**

Evaluation Action Summary:

Evaluation Date:	1997-08-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005302387

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000878487
Registry ID:	110005302387
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005302387
Name:	ADAMS BRAKE SERVICE
Address:	2324 S JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402

BI275 **PACIFIC AVE S 17TH TO S25TH ST** **WA ALLSITES** **S110038023**
WNW **PACIFIC AVE S 17TH S 25TH ST** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.484 mi.
2558 ft. **Site 3 of 3 in cluster BI**

Relative:
Higher

Actual:
90 ft.

ALLSITES:

Name:	PACIFIC AVE S 17TH TO S25TH ST
Facility Id:	3955

BO276 WSW 1/4-1/2 0.485 mi. 2562 ft. — **MAYCO FISH COMPANY LTD**, **2535 S JEFFERSON AVE**, **TACOMA, WA 98402** — **WA ALLSITES FINDS** — **1007073051 N/A**

Site 2 of 3 in cluster BO

Relative: Higher
Actual: 163 ft.

ALLSITES:
Name: MAYCO FISH COMPANY LTD
Facility Id: 29676663

FINDS:
Registry ID: 110015496827

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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277 NNW 1/4-1/2 0.486 mi. 2568 ft. — **SUPERVALU INTERNATIONAL WAREHOUSE**, **1801 E D ST**, **TACOMA, WA 98421** — **WA ALLSITES** — **S110038720 N/A**

Relative: Lower
Actual: 6 ft.

ALLSITES:
Name: SUPERVALU INTERNATIONAL WAREHOUSE
Facility Id: 7821

BO278 WSW 1/4-1/2 0.488 mi. 2576 ft. — **JEFFERSON ST FUEL STATION**, **2524 S JEFFERSON ST**, **TACOMA, WA 98402** — **WA UST**, **WA ALLSITES** — **U003352410 N/A**

Site 3 of 3 in cluster BO

Relative: Higher
Actual: 161 ft.

UST:
Name: JEFFERSON ST FUEL STATION
Address: 2524 S JEFFERSON ST
City: TACOMA
Zip: 98402
Facility ID: 27797138
Site Id: 100594
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2377170283
Decimal Longitude: -122.43922599

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 01/01/1986

JEFFERSON ST FUEL STATION (Continued) **U003352410**

Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	05/11/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Vapor Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	JEFFERSON ST FUEL STATION
Address:	2524 S JEFFERSON ST
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1986
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	05/11/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Vapor Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Sacrificial Anode
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	JEFFERSON ST FUEL STATION
Facility Id:	27797138

279 WNW 1/4-1/2 0.491 mi. 2593 ft. | **CHIHULY INC TACOMA**
2101 S JEFFERSON AVE
TACOMA, WA 98402 | **WA ALLSITES**
WA MANIFEST | **S110038142**
N/A

Relative: Higher

Actual: 114 ft.

ALLSITES:

Name:	CHIHULY INC TACOMA
Facility Id:	9078

WA MANIFEST:

Name:	CHIHULY INC TACOMA
Address:	2101 S JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	9078
EPA ID:	WAH000035332
NAICS:	453998
State Waste Code Desc:	WT02
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Glass Art
Mail Name:	Chihuly Studio
Mailing Address:	1111 NW 50th St
Mailing City,State,Zip:	Seattle, WA 98107
Legal Organization Name:	Chihuly Family Trust
Legal Organization Type:	Private
Legal Contact:	fka Dale Chihuly Living Trust
Legal Address:	1111 NW 50th St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98107
Legal Phone Number:	(206)781-7807
Legal Effective Date:	01/01/1999
Land Organization Name:	Chihuly Family Trust
Land Organization Type:	Private
Land Contact:	fka Dale Chihuly Living Trust
Land Address:	1111 NW 50th St
Land City,State,Zip:	Seattle, WA 98107
Land Phone Number:	(206)781-7807
Operator Organization Name:	Chihuly Inc

CHIHULY INC TACOMA (Continued) **S110038142**

Operator Organization Type:	Private
Operator:	Erin Kantola
Operator Address:	2101 S Jefferson Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)627-0460
Operator Effective Date:	01/01/1999
Site Contact:	Erin Kantola
Site Contact Address:	2101 S Jefferson Ave
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)627-0460
Site Contact Email:	erink@chihuly.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Alkaline Mixture with Silver
CORb Sequence Number:	149649
Sequence Number:	3335285
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30
Quanity Unit:	GAL
Kilograms Quanity:	102.060001
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

CHIHULY INC TACOMA (Continued) **S110038142**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	#93 Sensitizer Contaminated With Water
CORb Sequence Number:	149649
Sequence Number:	3335310
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	14
Quanity Unit:	GAL
Kilograms Quanity:	47.6280008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Tin for Gold Solution
CORb Sequence Number:	149649
Sequence Number:	3335335
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2
Quanity Unit:	GAL
Kilograms Quanity:	6.80400011
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Corrosive Liquid with Lead
CORb Sequence Number:	149649
Sequence Number:	3335391
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	GAL

CHIHULY INC TACOMA (Continued) **S110038142**

Kilograms Quanity:	3.40200005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	High PH Alkaline Mixture with Silver
CORb Sequence Number:	149649
Sequence Number:	3335342
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8
Quanity Unit:	GAL
Kilograms Quanity:	27.2160004
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W113
Description:	Chromic Acid Solution
CORb Sequence Number:	149649
Sequence Number:	3335349
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	15
Quanity Unit:	GAL
Kilograms Quanity:	51.0300008
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

CHIHULY INC TACOMA (Continued) **S110038142**

WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Gold Solution - Acid
CORb Sequence Number:	149649
Sequence Number:	3335339
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1
Quanity Unit:	GAL
Kilograms Quanity:	3.40200005
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	149649
Waste Sequence Number:	3335339
Sequence Number:	1822577
Shipment Date:	2014-04-16 00:00:00
Mainfest Document ID:	007596458FLE
Reported Quanity:	1
Unit of Measure:	GAL
Kilograms Quanity:	3.40200005
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3335285
Sequence Number:	1822450
Shipment Date:	2014-01-16 00:00:00
Mainfest Document ID:	005224660FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3335310
Sequence Number:	1822510
Shipment Date:	2014-02-18 00:00:00
Mainfest Document ID:	007598306FLE
Reported Quanity:	14
Unit of Measure:	GAL
Kilograms Quanity:	47.6280008
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3335335
Sequence Number:	1822531
Shipment Date:	2014-04-16 00:00:00
Mainfest Document ID:	007596458FLE
Reported Quanity:	2
Unit of Measure:	GAL
Kilograms Quanity:	6.80400011
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3335342
Sequence Number:	1822582
Shipment Date:	2014-04-16 00:00:00
Mainfest Document ID:	007596458FLE
Reported Quanity:	8
Unit of Measure:	GAL

CHIHULY INC TACOMA (Continued) **S110038142**

Kilograms Quanity: 27.2160004
Receiving EPAID: IDD073114654

Waste Sequence Number: 3335349
Sequence Number: 1822613
Shipment Date: 2014-02-18 00:00:00
Mainfest Document ID: 007598306FLE
Reported Quanity: 15
Unit of Measure: GAL
Kilograms Quanity: 51.0300008
Receiving EPAID: IDD073114654

Waste Sequence Number: 3335391
Sequence Number: 1822631
Shipment Date: 2014-04-16 00:00:00
Mainfest Document ID: 007596458FLE
Reported Quanity: 1
Unit of Measure: GAL
Kilograms Quanity: 3.40200005
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 149649
Waste Sequence Number: 3335391
Sequence Number: 848374
Received EPAID: IDD073114654
Managed Quanity: 1
Kilogram Quanity: 3.40200005
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 3335339
Sequence Number: 848315
Received EPAID: IDD073114654
Managed Quanity: 1
Kilogram Quanity: 3.40200005
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 3335285
Sequence Number: 848269
Received EPAID: IDD073114654
Managed Quanity: 30
Kilogram Quanity: 102.060001
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3335310
Sequence Number: 848275
Received EPAID: IDD073114654
Managed Quanity: 14
Kilogram Quanity: 47.6280008
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 3335335
Sequence Number: 848303

CHIHULY INC TACOMA (Continued) **S110038142**

Received EPAID: IDD073114654
Managed Quanity: 2
Kilogram Quanity: 6.80400011
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 3335342
Sequence Number: 848331
Received EPAID: IDD073114654
Managed Quanity: 8
Kilogram Quanity: 27.2160004
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 3335349
Sequence Number: 848342
Received EPAID: IDD073114654
Managed Quanity: 15
Kilogram Quanity: 51.0300008
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 149649
Comments: Alkaline Mixture with Silver
Waste Sequence Number: 3335285
Sequence Number: 1

Comments: A-7 Glass Sensitizer Contaminated with Water A-8 Glass Sensitizer Contaminated with Water
Waste Sequence Number: 3335310
Sequence Number: 1

Comments: Tin for Gold Solution
Waste Sequence Number: 3335335
Sequence Number: 1

Comments: Gold Solution - Acid
Waste Sequence Number: 3335339
Sequence Number: 1

Comments: High PH Alkaline Mixture with Silver
Waste Sequence Number: 3335342
Sequence Number: 1

Comments: Chromic Acid Solution
Waste Sequence Number: 3335349
Sequence Number: 1

Comments: Corrosive Liquid with Lead
Waste Sequence Number: 3335391
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 149649
Waste Sequence Number: 3335285

CHIHULY INC TACOMA (Continued) **S110038142**

Sequence Number: 7536392
WCDA Code: D011

Waste Sequence Number: 3335310
Sequence Number: 7536437
WCDA Code: D002

Waste Sequence Number: 3335335
Sequence Number: 7536669
WCDA Code: D002

Waste Sequence Number: 3335342
Sequence Number: 7536858
WCDA Code: D002

Waste Sequence Number: 3335342
Sequence Number: 7536859
WCDA Code: D011

Waste Sequence Number: 3335391
Sequence Number: 7537230
WCDA Code: D002

Waste Sequence Number: 3335391
Sequence Number: 7537231
WCDA Code: D008

Waste Sequence Number: 3335349
Sequence Number: 7537037
WCDA Code: D002

Waste Sequence Number: 3335349
Sequence Number: 7537038
WCDA Code: D007

Waste Stream Source Code:
CORB Waste Sequence Number: 149649
Waste Sequence Number: 3335285
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3335310
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3335349
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 3335335
Sequence Number: 1
WCDD Code: G09

Waste Sequence Number: 3335339
Sequence Number: 1
WCDD Code: G09

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Sequence Number:	3335342
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	3335391
Sequence Number:	1
WCDD Code:	G09

Name:	CHIHULY INC TACOMA
Address:	2101 S JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	9078
EPA ID:	WAH000035332
NAICS:	453998
State Waste Code Desc:	WT02
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600531572
Business Type:	Glass Art
Mail Name:	Chihuly Studio
Mailing Address:	1111 NW 50th St
Mailing City,State,Zip:	Seattle, WA 98107
Legal Organization Name:	Chihuly Family Trust
Legal Organization Type:	Private
Legal Contact:	fka Dale Chihuly Living Trust
Legal Address:	1111 NW 50th St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98107
Legal Phone Number:	(206)781-7807
Legal Effective Date:	01/01/1999
Land Organization Name:	Chihuly Family Trust
Land Organization Type:	Private
Land Contact:	fka Dale Chihuly Living Trust
Land Address:	1111 NW 50th St
Land City,State,Zip:	Seattle, WA 98107
Land Phone Number:	(206)781-7807
Operator Organization Name:	Chihuly Inc

CHIHULY INC TACOMA (Continued) **S110038142**

Operator Organization Type:	Private
Operator:	Erin Kantola
Operator Address:	2101 S Jefferson Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)627-0460
Operator Effective Date:	01/01/1999
Site Contact:	Erin Kantola
Site Contact Address:	2101 S Jefferson Ave
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)627-0460
Site Contact Email:	erink@chihuly.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Alkaline Mixture with Silver
CORb Sequence Number:	143488
Sequence Number:	3251474
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	46
Quanity Unit:	GAL
Kilograms Quanity:	156.492002
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

CHIHULY INC TACOMA (Continued) **S110038142**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	#93 Sensitizer Contaminated With Water
CORb Sequence Number:	143488
Sequence Number:	3291680
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	GAL
Kilograms Quanity:	54.4320009
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	143488
Waste Sequence Number:	3291680
Sequence Number:	1744578
Shipment Date:	2013-06-28 00:00:00
Mainfest Document ID:	005220809FLE
Reported Quanity:	16
Unit of Measure:	GAL
Kilograms Quanity:	54.4320009
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3251474
Sequence Number:	1744575
Shipment Date:	2013-06-28 00:00:00
Mainfest Document ID:	005220809FLE
Reported Quanity:	16
Unit of Measure:	GAL
Kilograms Quanity:	54.4320009
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3251474
Sequence Number:	1744168
Shipment Date:	2013-04-01 00:00:00
Mainfest Document ID:	005225450FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	143488
Waste Sequence Number:	3251474
Sequence Number:	819300
Received EPAID:	IDD073114654
Managed Quanity:	46
Kilogram Quanity:	156.492002
Recycled Percentage:	Not reported
Waste Management System Code:	H132

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Sequence Number: 3291680
Sequence Number: 819302
Received EPAID: IDD073114654
Managed Quanity: 16
Kilogram Quanity: 54.4320009
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 143488
Comments: Alkaline Mixture With Silver
Waste Sequence Number: 3251474
Sequence Number: 1

Comments: A-7 Glass Sensitizer Contaminated With Water A-8 Glass Sensitizer Contaminated With Water
Waste Sequence Number: 3291680
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 143488
Waste Sequence Number: 3251474
Sequence Number: 7335240
WCDA Code: D011

Waste Sequence Number: 3291680
Sequence Number: 7335277
WCDA Code: D002

Waste Stream Source Code:
CORB Waste Sequence Number: 143488
Waste Sequence Number: 3251474
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3291680
Sequence Number: 1
WCDD Code: G19

Name: CHIHULY INC TACOMA
Address: 2101 S JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility Address 2: Not reported
Facility ID: 9078
EPA ID: WAH000035332
NAICS: 453998
State Waste Code Desc: WT02
Federal Waste Code Desc: Not reported
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False

CHIHULY INC TACOMA (Continued) **S110038142**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600531572
Business Type:	Glass Art
Mail Name:	Chihuly Studio
Mailing Address:	1111 NW 50th St
Mailing City,State,Zip:	Seattle, WA 98107
Legal Organization Name:	Chihuly Family Trust
Legal Organization Type:	Private
Legal Contact:	fka Dale Chihuly Living Trust
Legal Address:	1111 NW 50th St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98107
Legal Phone Number:	(206)781-7807
Legal Effective Date:	01/01/1999
Land Organization Name:	Chihuly Family Trust
Land Organization Type:	Private
Land Contact:	fka Dale Chihuly Living Trust
Land Address:	1111 NW 50th St
Land City,State,Zip:	Seattle, WA 98107
Land Phone Number:	(206)781-7807
Operator Organization Name:	Chihuly Inc
Operator Organization Type:	Private
Operator:	Erin Kantola
Operator Address:	2101 S Jefferson Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)627-0460
Operator Effective Date:	01/01/1999
Site Contact:	Erin Kantola
Site Contact Address:	2101 S Jefferson Ave
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)627-0460
Site Contact Email:	erink@chihuly.com
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

CHIHULY INC TACOMA (Continued) **S110038142**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Alkaline Mixture with Silver
CORb Sequence Number:	137821
Sequence Number:	2672338
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	84
Quanity Unit:	GAL
Kilograms Quanity:	285.768004
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	#93 Sensitizer Contaminated with water
CORb Sequence Number:	137821
Sequence Number:	2676582
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	27
Quanity Unit:	GAL
Kilograms Quanity:	91.8540015
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported

CHIHULY INC TACOMA (Continued) **S110038142**

WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Gold Solution - Acid
CORb Sequence Number:	137821
Sequence Number:	2689118
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3
Quanity Unit:	GAL
Kilograms Quanity:	10.2060001
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Tin for Gold Solution
CORb Sequence Number:	137821
Sequence Number:	2689852
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	GAL
Kilograms Quanity:	17.0100002
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Corrosive Liquid with Lead
CORb Sequence Number:	137821
Sequence Number:	2676658
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2
Quanity Unit:	GAL
Kilograms Quanity:	6.80400011
Density Number:	7.5
Density Quanity:	PPG

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Chromic Acid Solution
CORb Sequence Number:	137821
Sequence Number:	2676564
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	18
Quanity Unit:	GAL
Kilograms Quanity:	61.2360010
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	#93 Sensitizer Contaminated with water
CORb Sequence Number:	137821
Sequence Number:	2676561
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5
Quanity Unit:	GAL
Kilograms Quanity:	17.0100002
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	137821
Waste Sequence Number:	2672338
Sequence Number:	1390151
Shipment Date:	2012-05-22 00:00:00
Mainfest Document ID:	04449719FLE
Reported Quanity:	9
Unit of Measure:	GAL
Kilograms Quanity:	30.6180005
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2672338
Sequence Number:	1390153

CHIHULY INC TACOMA (Continued) **S110038142**

Shipment Date:	2012-11-13 00:00:00
Mainfest Document ID:	003455564FLE
Reported Quanity:	15
Unit of Measure:	GAL
Kilograms Quanity:	51.0300008
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2672338
Sequence Number:	1390150
Shipment Date:	2012-01-24 00:00:00
Mainfest Document ID:	004447330FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2672338
Sequence Number:	1390152
Shipment Date:	2012-07-03 00:00:00
Mainfest Document ID:	004449190FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2676582
Sequence Number:	1397582
Shipment Date:	2012-05-22 00:00:00
Mainfest Document ID:	004449719FLE
Reported Quanity:	7
Unit of Measure:	GAL
Kilograms Quanity:	23.8140004
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2676582
Sequence Number:	1397581
Shipment Date:	2012-01-24 00:00:00
Mainfest Document ID:	004447330FLE
Reported Quanity:	10
Unit of Measure:	GAL
Kilograms Quanity:	34.0200005
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2676582
Sequence Number:	1397583
Shipment Date:	2012-11-13 00:00:00
Mainfest Document ID:	003455564FLE
Reported Quanity:	10
Unit of Measure:	GAL
Kilograms Quanity:	34.0200005
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2689118
Sequence Number:	1404481
Shipment Date:	2012-08-29 00:00:00
Mainfest Document ID:	005222581FLE
Reported Quanity:	1

CHIHULY INC TACOMA (Continued) **S110038142**

Unit of Measure: GAL
Kilograms Quanity: 3.40200005
Receiving EPAID: IDD073114654

Waste Sequence Number: 2689118
Sequence Number: 1404480
Shipment Date: 2012-01-24 00:00:00
Mainfest Document ID: 004447330FLE
Reported Quanity: 2
Unit of Measure: GAL
Kilograms Quanity: 6.80400011
Receiving EPAID: IDD073114654

Waste Sequence Number: 2689852
Sequence Number: 1406150
Shipment Date: 2012-08-29 00:00:00
Mainfest Document ID: 005222581FLE
Reported Quanity: 2
Unit of Measure: GAL
Kilograms Quanity: 6.80400011
Receiving EPAID: IDD073114654

Waste Sequence Number: 2689852
Sequence Number: 1406149
Shipment Date: 2012-01-24 00:00:00
Mainfest Document ID: 04447330FLE
Reported Quanity: 3
Unit of Measure: GAL
Kilograms Quanity: 10.2060001
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 137821
Waste Sequence Number: 2676658
Sequence Number: 675879
Received EPAID: IDD073114654
Managed Quanity: 2
Kilogram Quanity: 6.80400011
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2672338
Sequence Number: 675578
Received EPAID: IDD073114654
Managed Quanity: 84
Kilogram Quanity: 285.768004
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2676582
Sequence Number: 675735
Received EPAID: IDD073114654
Managed Quanity: 27
Kilogram Quanity: 91.8540015
Recycled Percentage: Not reported
Waste Management System Code: H132

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Sequence Number: 2689118
Sequence Number: 681903
Received EPAID: IDD073114654
Managed Quanity: 3
Kilogram Quanity: 10.2060001
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2689852
Sequence Number: 683048
Received EPAID: IDD073114654
Managed Quanity: 5
Kilogram Quanity: 17.0100002
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2676564
Sequence Number: 675702
Received EPAID: IDD073114654
Managed Quanity: 18
Kilogram Quanity: 61.2360010
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Sequence Number: 2676561
Sequence Number: 675687
Received EPAID: IDD073114654
Managed Quanity: 5
Kilogram Quanity: 17.0100002
Recycled Percentage: Not reported
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 137821
Comments: Alkaline mixture with silver
Waste Sequence Number: 2672338
Sequence Number: 1

Comments: A-7 Glass Sensitizer contaminated with water A-8 Glass Sensitizer contaminated with water
Waste Sequence Number: 2676561
Sequence Number: 1

Comments: A-7 Glass Sensitizer contaminated with water A-8 Glass Sensitizer contaminated with water
Waste Sequence Number: 2676582
Sequence Number: 1

Comments: A-7 Corrosive Liquid with Lead contaminated with water A-8 Corrosive Liquid with Lead contaminated with water
Waste Sequence Number: 2676658
Sequence Number: 1

Comments: A-7 Gold Solution contaminated with water A-8 Gold Solution contaminated with water
Waste Sequence Number: 2689118
Sequence Number: 1

CHIHULY INC TACOMA (Continued) **S110038142**

Comments: A-7 Tin for Gold Solution contaminated with water A-8 Tin for Gold Solution contaminated with water
Waste Sequence Number: 2689852
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 137821
Waste Sequence Number: 2672338
Sequence Number: 5979108
WCDA Code: D011

Waste Sequence Number: 2689852
Sequence Number: 6026448
WCDA Code: D002

Waste Sequence Number: 2676582
Sequence Number: 5979980
WCDA Code: D002

Waste Sequence Number: 2676564
Sequence Number: 5979539
WCDA Code: D002

Waste Sequence Number: 2676564
Sequence Number: 5979540
WCDA Code: D007

Waste Sequence Number: 2676561
Sequence Number: 5979351
WCDA Code: D002

Waste Sequence Number: 2676658
Sequence Number: 5981033
WCDA Code: D002

Waste Sequence Number: 2676658
Sequence Number: 5981034
WCDA Code: D008

Waste Stream Source Code:
CORB Waste Sequence Number: 137821
Waste Sequence Number: 2676564
Sequence Number: 1
WCDD Code: G08

Waste Sequence Number: 2672338
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2676561
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2676582
Sequence Number: 1
WCDD Code: G19

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Sequence Number:	2676658
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2689118
Sequence Number:	1
WCDD Code:	G09
Waste Sequence Number:	2689852
Sequence Number:	1
WCDD Code:	G09

Name:	CHIHULY INC TACOMA
Address:	2101 S JEFFERSON AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	9078
EPA ID:	WAH000035332
NAICS:	453998
State Waste Code Desc:	WT02
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600531572
Business Type:	Glass Art
Mail Name:	Chihuly Studio
Mailing Address:	1111 NW 50th St
Mailing City,State,Zip:	Seattle, WA 98107
Legal Organization Name:	Chihuly Family Trust
Legal Organization Type:	Private
Legal Contact:	fka Dale Chihuly Living Trust
Legal Address:	1111 NW 50th St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98107
Legal Phone Number:	(206)781-7807
Legal Effective Date:	01/01/1999
Land Organization Name:	Chihuly Family Trust
Land Organization Type:	Private
Land Contact:	fka Dale Chihuly Living Trust

CHIHULY INC TACOMA (Continued) **S110038142**

Land Address:	1111 NW 50th St
Land City,State,Zip:	Seattle, WA 98107
Land Phone Number:	(206)781-7807
Operator Organization Name:	Chihuly Inc
Operator Organization Type:	Private
Operator:	Erin Kantola
Operator Address:	2101 S Jefferson Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)627-0460
Operator Effective Date:	01/01/1999
Site Contact:	Erin Kantola
Site Contact Address:	2101 S Jefferson Ave
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)627-0460
Site Contact Email:	mikem@chihuly.com
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Chromic Acid Solution
CORb Sequence Number:	133345
Sequence Number:	2651106
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	30
Quanity Unit:	GAL
Kilograms Quanity:	102.060001
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y

CHIHULY INC TACOMA (Continued) **S110038142**

State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Alkaline Mixture with Silver
CORb Sequence Number:	133345
Sequence Number:	2650852
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	155
Quanity Unit:	GAL
Kilograms Quanity:	527.310009
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	#93 Sensitizer Contaminated with water
CORb Sequence Number:	133345
Sequence Number:	2650968
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	55
Quanity Unit:	GAL
Kilograms Quanity:	187.110003
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	133345
Waste Sequence Number:	2650852
Sequence Number:	1309500
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004448994FLE
Reported Quanity:	45
Unit of Measure:	GAL
Kilograms Quanity:	153.090002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2650852
Sequence Number:	1309499
Shipment Date:	2011-05-02 00:00:00

CHIHULY INC TACOMA (Continued) **S110038142**

Mainfest Document ID:	004446456FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	374.220006
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2650968
Sequence Number:	1309590
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004448994FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	187.110003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2651106
Sequence Number:	1309830
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004448994FLE
Reported Quanity:	30
Unit of Measure:	GAL
Kilograms Quanity:	102.060001
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	133345
Waste Sequence Number:	2651106
Sequence Number:	647091
Received EPAID:	IDD073114654
Managed Quanity:	30
Kilogram Quanity:	102.060001
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2650852
Sequence Number:	646880
Received EPAID:	IDD073114654
Managed Quanity:	155
Kilogram Quanity:	527.310009
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	2650968
Sequence Number:	646997
Received EPAID:	IDD073114654
Managed Quanity:	55
Kilogram Quanity:	187.110003
Recycled Percentage:	0
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	133345
Comments:	Alkaline mixture with silver
Waste Sequence Number:	2650852
Sequence Number:	1

CHIHULY INC TACOMA (Continued) **S110038142**

Comments: A-7 Glass Sensitizer contaminated with water A-8 Glass Sensitizer contaminated with water
Waste Sequence Number: 2650968
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 133345
Waste Sequence Number: 2651106
Sequence Number: 5828600
WCDA Code: D002

Waste Sequence Number: 2651106
Sequence Number: 5828601
WCDA Code: D007

Waste Sequence Number: 2650852
Sequence Number: 5828567
WCDA Code: D011

Waste Sequence Number: 2650968
Sequence Number: 5828236
WCDA Code: D002

Name: CHIHULY INC TACOMA
Address: 2101 S JEFFERSON AVE
City,State,Zip: TACOMA, WA 98402
Facility Address 2: Not reported
Facility ID: 9078
EPA ID: WAH000035332
NAICS: 453998
State Waste Code Desc: WT02
Federal Waste Code Desc: D002
Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Mailing Address 2: Not reported
Treatment by Generator: False
Mixed Radioactive Waste: False
Importer of Hazardous Waste: False
Immediate Recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of Dangerous Fuel Waste: False
Generator Marketing to Burner: False
Other Marketers (i.e., blender, distributor, etc.): False
Utility Boiler Burner: False
Industry Boiler Burner: False
Industrial Furnace: False
Smelter Defferal: False
Universal Waste: Not reported
Off-Specification: Not reported
LN Address 2: Not reported
Tax Reg #: 600531572
Business Type: Glass Art
Mail Name: Chihuly Studio
Mailing Address: 1111 NW 50th St
Mailing City,State,Zip: Seattle, WA 98107

CHIHULY INC TACOMA (Continued) **S110038142**

Legal Organization Name:	Chihuly Family Trust
Legal Organization Type:	Private
Legal Contact:	fka Dale Chihuly Living Trust
Legal Address:	1111 NW 50th St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98107
Legal Phone Number:	(206)781-7807
Legal Effective Date:	01/01/1999
Land Organization Name:	Chihuly Family Trust
Land Organization Type:	Private
Land Contact:	fka Dale Chihuly Living Trust
Land Address:	1111 NW 50th St
Land City,State,Zip:	Seattle, WA 98107
Land Phone Number:	(206)781-7807
Operator Organization Name:	Chihuly Inc
Operator Organization Type:	Private
Operator:	Mike Meeker
Operator Address:	2101 S Jefferson Ave
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98402
Operator Phone Number:	(253)627-0460
Operator Effective Date:	01/01/1999
Site Contact:	Mike Meeker
Site Contact Address:	2101 S Jefferson Ave
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)627-0460
Site Contact Email:	mikem@chihuly.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Glass sensitizer contaminated with water

CHIHULY INC TACOMA (Continued) **S110038142**

CORb Sequence Number:	126741
Sequence Number:	2408758
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5310
Quanity Unit:	LB
Kilograms Quanity:	2408.6160414281962
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Alkaline mixture with Silver
CORb Sequence Number:	126741
Sequence Number:	2408745
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	13180
Quanity Unit:	LB
Kilograms Quanity:	5978.4481028293076
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Glass Sensitizer contaminated with Water
CORb Sequence Number:	126741
Sequence Number:	2408769
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1950
Quanity Unit:	LB
Kilograms Quanity:	884.52001521374427
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	126741
Waste Sequence Number:	2408769

CHIHULY INC TACOMA (Continued) **S110038142**

Sequence Number:	1142916
Shipment Date:	3/18/2010
Mainfest Document ID:	002267013FLE
Reported Quanity:	965
Unit of Measure:	LB
Kilograms Quanity:	437.724007528853
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2408769
Sequence Number:	1142917
Shipment Date:	7/19/2010
Mainfest Document ID:	003448058
Reported Quanity:	985
Unit of Measure:	LB
Kilograms Quanity:	446.796007684891
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2408745
Sequence Number:	1142858
Shipment Date:	6/8/2010
Mainfest Document ID:	002570220FLE
Reported Quanity:	1540
Unit of Measure:	LB
Kilograms Quanity:	698.544012014957
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2408745
Sequence Number:	1142860
Shipment Date:	9/22/2010
Mainfest Document ID:	003454539FLE
Reported Quanity:	1915
Unit of Measure:	LB
Kilograms Quanity:	868.644014940677
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2408745
Sequence Number:	1142859
Shipment Date:	7/19/2010
Mainfest Document ID:	00348058FLE
Reported Quanity:	1485
Unit of Measure:	LB
Kilograms Quanity:	673.596011585851
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2408745
Sequence Number:	1142857
Shipment Date:	5/28/2010
Mainfest Document ID:	002570016FLE
Reported Quanity:	1490
Unit of Measure:	LB
Kilograms Quanity:	675.864011624861
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2408745
Sequence Number:	1142854
Shipment Date:	2/12/2010
Mainfest Document ID:	002266749FLE

CHIHULY INC TACOMA (Continued) **S110038142**

Reported Quanity: 1480
Unit of Measure: LB
Kilograms Quanity: 671.328011546842
Receiving EPAID: IDD073114654

Waste Sequence Number: 2408745
Sequence Number: 1142856
Shipment Date: 4/23/2010
Mainfest Document ID: 002267253FLE
Reported Quanity: 930
Unit of Measure: LB
Kilograms Quanity: 421.848007255786
Receiving EPAID: IDD073114654

Waste Sequence Number: 2408745
Sequence Number: 1142862
Shipment Date: 12/10/2010
Mainfest Document ID: 003447671FLE
Reported Quanity: 955
Unit of Measure: LB
Kilograms Quanity: 433.188007450834
Receiving EPAID: IDD073114654

Waste Sequence Number: 2408745
Sequence Number: 1142855
Shipment Date: 3/18/2010
Mainfest Document ID: 002267013FLE
Reported Quanity: 1455
Unit of Measure: LB
Kilograms Quanity: 659.988011351794
Receiving EPAID: IDD073114654

Waste Sequence Number: 2408745
Sequence Number: 1142861
Shipment Date: 11/12/2010
Mainfest Document ID: 003454928FLE
Reported Quanity: 1930
Unit of Measure: LB
Kilograms Quanity: 875.448015057706
Receiving EPAID: IDD073114654

Waste Stream Off Site Mgmt:
Waste CORB Sequence Number: 126741
Waste Sequence Number: 2408745
Sequence Number: 578450
Received EPAID: IDD073114654
Managed Quanity: 13180
Kilogram Quanity: 5978.4481028293076
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 2408758
Sequence Number: 578470
Received EPAID: IDD073114654
Managed Quanity: 5310
Kilogram Quanity: 2408.6160414281962
Recycled Percentage: 0

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Management System Code: H141

Waste Sequence Number: 2408769
Sequence Number: 578479
Received EPAID: IDD073114654
Managed Quanity: 1950
Kilogram Quanity: 884.52001521374427
Recycled Percentage: 0
Waste Management System Code: H141

Waste Stream Comments:
CORB Waste Sequence Number: 126741
Comments: Alkaline mixture with silver
Waste Sequence Number: 2408745
Sequence Number: 1

Comments: A-7 Glass Sensitizer contaminated with Water A-8 Glass Sensitizer contaminated with Water
Waste Sequence Number: 2408758
Sequence Number: 1

Comments: A-7 Glass Sensitizer contaminated with Water A-8 Glass Sensitizer contaminated with WAter
Waste Sequence Number: 2408769
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 126741
Waste Sequence Number: 2408758
Sequence Number: 5227904
WCDA Code: D002

Waste Sequence Number: 2408745
Sequence Number: 5227764
WCDA Code: D011

Waste Sequence Number: 2408745
Sequence Number: 5227765
WCDA Code: D002

Waste Sequence Number: 2408769
Sequence Number: 5227948
WCDA Code: D002

Waste Stream Source Code:
CORB Waste Sequence Number: 126741
Waste Sequence Number: 2408745
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2408758
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 2408769
Sequence Number: 1

CHIHULY INC TACOMA (Continued) **S110038142**

WCDD Code:		G19
Name:		CHIHULY INC TACOMA
Address:		2101 S JEFFERSON AVE
City,State,Zip:		TACOMA, WA 98402
Facility Address 2:		Not reported
Facility ID:		9078
EPA ID:		WAH000035332
NAICS:		453998
State Waste Code Desc:		WT02
Federal Waste Code Desc:	D001	
Form Comm:		Not reported
Data Year:		2009
Permit by Rule:		False
Mailing Address 2:		Not reported
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		600531572
Business Type:		Glass Art
Mail Name:		Chihuly Studio
Mailing Address:		1111 NW 50th St
Mailing City,State,Zip:		Seattle, WA 98107
Legal Organization Name:		Chihuly Family Trust
Legal Organization Type:		Private
Legal Contact:		fka Dale Chihuly Living Trust
Legal Address:		1111 NW 50th St
Legal Address 2:		Not reported
Legal City,State,Zip:		Seattle, WA 98107
Legal Phone Number:		(206)781-7807
Legal Effective Date:		01/01/1999
Land Organization Name:		Chihuly Family Trust
Land Organization Type:		Private
Land Contact:		fka Dale Chihuly Living Trust
Land Address:		1111 NW 50th St
Land City,State,Zip:		Seattle, WA 98107
Land Phone Number:		(206)781-7807
Operator Organization Name:		Chihuly Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		1111 NW 50th St
Operator Address 2:		Not reported
Operator City,State,Zip:		Seattle, WA 98107
Operator Phone Number:		(206)781-8707

CHIHULY INC TACOMA (Continued) **S110038142**

Operator Effective Date:	01/01/1999
Site Contact:	Mike Meeker
Site Contact Address:	2101 S Jefferson Ave
Contact City,State,Zip:	Tacoma, WA 98402
Site Contact Phone Number:	(253)627-0460
Site Contact Email:	mikem@chihuly.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W119
Description:	Glass Sensitizer contaminated with Water
CORb Sequence Number:	121859
Sequence Number:	2065358
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	3985
Quanity Unit:	LB
Kilograms Quanity:	1807.5960310906519
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219

CHIHULY INC TACOMA (Continued) **S110038142**

Description:	Alkaline mixture with silver
CORb Sequence Number:	121859
Sequence Number:	2065376
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	5285
Quanity Unit:	LB
Kilograms Quanity:	2397.2760412331481
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	121859
Waste Sequence Number:	2065376
Sequence Number:	1020439
Shipment Date:	11/3/2009
Mainfest Document ID:	002569981FLE
Reported Quanity:	1380
Unit of Measure:	LB
Kilograms Quanity:	625.96801076665
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2065376
Sequence Number:	1020437
Shipment Date:	3/11/2009
Mainfest Document ID:	35025
Reported Quanity:	470
Unit of Measure:	LB
Kilograms Quanity:	213.192003666902
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2065376
Sequence Number:	1020440
Shipment Date:	12/21/2009
Mainfest Document ID:	002569405FLE
Reported Quanity:	1500
Unit of Measure:	LB
Kilograms Quanity:	680.40001170288
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2065358
Sequence Number:	1020423
Shipment Date:	9/29/2009
Mainfest Document ID:	002569728
Reported Quanity:	965
Unit of Measure:	LB
Kilograms Quanity:	437.724007528853
Receiving EPAID:	IDD073114654
Waste Sequence Number:	2065358
Sequence Number:	1020424
Shipment Date:	11/3/2009
Mainfest Document ID:	002569981
Reported Quanity:	1025
Unit of Measure:	LB
Kilograms Quanity:	464.940007996968
Receiving EPAID:	IDD073114654

CHIHULY INC TACOMA (Continued) **S110038142**

Waste Sequence Number:	2065358
Sequence Number:	1020421
Shipment Date:	1/12/2009
Mainfest Document ID:	39108
Reported Quanity:	470
Unit of Measure:	LB
Kilograms Quanity:	213.192003666902
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2065358
Sequence Number:	1020425
Shipment Date:	12/21/2009
Mainfest Document ID:	002569405
Reported Quanity:	935
Unit of Measure:	LB
Kilograms Quanity:	424.116007294795
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2065376
Sequence Number:	1020438
Shipment Date:	9/29/2009
Mainfest Document ID:	02569728FLE
Reported Quanity:	1450
Unit of Measure:	LB
Kilograms Quanity:	657.720011312784
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2065376
Sequence Number:	1020436
Shipment Date:	1/12/2009
Mainfest Document ID:	39108
Reported Quanity:	485
Unit of Measure:	LB
Kilograms Quanity:	219.996003783931
Receiving EPAID:	IDD073114654

Waste Sequence Number:	2065358
Sequence Number:	1020422
Shipment Date:	3/11/2009
Mainfest Document ID:	35025
Reported Quanity:	590
Unit of Measure:	LB
Kilograms Quanity:	267.624004603133
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	121859
Waste Sequence Number:	2065358
Sequence Number:	524525
Received EPAID:	IDD073114654
Managed Quanity:	3985
Kilogram Quanity:	1807.5960310906519
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Sequence Number:	2065376
Sequence Number:	524529

CHIHULY INC TACOMA (Continued) **S110038142**

Received EPAID: IDD073114654
Managed Quanity: 5285
Kilogram Quanity: 2397.2760412331481
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream Comments:
CORB Waste Sequence Number: 121859
Comments: A-7 Glass Sensitizer contaminated with Water A-8 Glass Sensitizer contaminated with Water
Waste Sequence Number: 2065358
Sequence Number: 1

Comments: A-8 Alkaline mixture with silver
Waste Sequence Number: 2065376
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 121859
Waste Sequence Number: 2065376
Sequence Number: 4469850
WCDA Code: D002

Waste Sequence Number: 2065376
Sequence Number: 4469851
WCDA Code: D011

Waste Sequence Number: 2065358
Sequence Number: 4469790
WCDA Code: D002

Waste Stream Source Code:
CORB Waste Sequence Number: 121859
Waste Sequence Number: 2065376
Sequence Number: 1
WCDD Code: G13

Waste Sequence Number: 2065358
Sequence Number: 1
WCDD Code: G19

BP280 **UNIVERSITY OF WASHINGTON** **WA CSCSL** **U003352838**
WNW **1904 COMMERCE ST** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98409** **WA UST**
0.491 mi. **WA ALLSITES**
2593 ft. **Site 2 of 4 in cluster BP**

Relative: Higher
Actual: 72 ft.

CSCSL:
Name: POWER STATION
Address: 1904 COMMERCE ST
City,State,Zip: TACOMA, WA 98409
Facility ID: 8411422
Region: Southwest
Lat/Long: 47.244080272304 / -122.4373740881
Clean Up Siteid: 7788

UNIVERSITY OF WASHINGTON (Continued) **U003352838**

Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: UNIVERSITY OF WASHINGTON,WA UNIVERSITY OF WASHINGTON
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: POWER STATION
Address: 1904 COMMERCE ST
City,State,Zip: TACOMA, WA 98409
Facility ID: 8411422
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 7788
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: UNIVERSITY OF WASHINGTON,WA UNIVERSITY OF WASHINGTON
Response Section: Southwest
Release Date: 06/29/1995
Lust Date: 06/29/1995
Region: Southwest
Lust ID: 3878
UST ID: 102250
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2440802 / -122.43737

UST:
Name: UNIVERSITY OF WASHINGTON
Address: 1904 COMMERCE ST
City: TACOMA
Zip: 98409
Facility ID: 8411422
Site Id: 102250
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.2440802723044
Decimal Longitude: -122.437374088128

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996

UNIVERSITY OF WASHINGTON (Continued) **U003352838**

Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WA UNIVERSITY OF WASHINGTON
Facility Id:	8411422

BS281 **WEST COAST FRUIT & PRODUCE** **WA ICR** **S104488074**
North **448 E. 18TH ST.** **N/A**
1/4-1/2 **TACOMA, WA 98401**
0.492 mi.
2600 ft. **Site 1 of 2 in cluster BS**

Relative:
Lower

Actual:
8 ft.

ICR:

Date Ecology Received Report:	07/23/92
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	92-29
County Code:	27
Contact:	Not reported
Report Title:	Not reported

BS282 **SUPERVALU HOLDINGS INC** **WA LUST** **U003354622**
North **448 E 18TH ST** **WA ALLSITES** **N/A**
1/4-1/2 **TACOMA, WA 98421** **WA CSCSL NFA**
0.492 mi. **WA SPILLS**
2600 ft. **Site 2 of 2 in cluster BS** **WA MANIFEST**

Relative:
Lower

Actual:
8 ft.

LUST:

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Lust ID:	2134
UST ID:	471
Contaminant Name:	Benzene
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	66615685
Lust Status Type:	LUST - NFA
Cleanup Site ID:	10098
Cleanup Unit Type:	Not reported
Process Type:	Not reported
Cleanup Unit Name:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
Response Section:	Southwest
Release Date:	03/14/1991
Lust Date:	08/29/2012
Region:	Southwest
Lust ID:	2134
UST ID:	471
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24716 / -122.42781

ALLSITES:

Name:	SUPERVALU INC PRODUCE
Facility Id:	66615685

CSCSL NFA:

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Benzene
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

Name:	WEST COAST GROCERY
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility/Site Id:	66615685
CS Id:	10098
NFA Date:	08/29/2012
Alternate Site Names:	Supervalu Inc,Supervalu Inc Produce,WEST COAST FRUIT & PRODUCE CO
NFA Reason:	NFA-Initial Investigation
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Remediated-Below
Surface Water:	Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	47.24716
Longitude:	-122.42781

SPILLS:

Name:	TACOMA POWER
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	547308
Medium:	Not reported
Material Desc:	PETROLEUM - MINERAL OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	04/07/2005
Contact Name:	POST
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	SUPERVALU HOLDINGS INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU HOLDINGS INC
Address:	448 E 18TH ST

SUPERVALU HOLDINGS INC (Continued) **U003354622**

City,State,Zip:		TACOMA, WA 98421
Facility Address 2:		Not reported
Facility ID:		66615685
EPA ID:		WAH000050368
NAICS:		493120
State Waste Code Desc:		Not reported
Federal Waste Code Desc:	D001,D002	
Form Comm:		Not reported
Data Year:		2017
Permit by Rule:		False
Mailing Address 2:		Dept 81014
Treatment by Generator:		False
Mixed Radioactive Waste:		False
Importer of Hazardous Waste:		False
Immediate Recycler:		False
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of Dangerous Fuel Waste:		False
Generator Marketing to Burner:		False
Other Marketers (i.e., blender, distributor, etc.):		False
Utility Boiler Burner:		False
Industry Boiler Burner:		False
Industrial Furnace:		False
Smelter Defferal:		False
Universal Waste:		Not reported
Off-Specification:		Not reported
LN Address 2:		Not reported
Tax Reg #:		603268500
Business Type:		Not reported
Mail Name:		Not reported
Mailing Address:		PO Box 20
Mailing City,State,Zip:		Boise, ID 83726
Legal Organization Name:		Supervalu Holdings Inc
Legal Organization Type:		Private
Legal Contact:		Not reported
Legal Address:		PO Box 20 Dept 81014
Legal Address 2:		Not reported
Legal City,State,Zip:		Boise, ID 83726
Legal Phone Number:		(208)395-4793
Legal Effective Date:		12/01/1995
Land Organization Name:		Supervalu Holdings Inc
Land Organization Type:		Private
Land Contact:		Not reported
Land Address:		PO Box 20 Dept 81014
Land City,State,Zip:		Boise, ID 83726
Land Phone Number:		(208)395-4793
Operator Organization Name:		Supervalu Holdings Inc
Operator Organization Type:		Private
Operator:		Not reported
Operator Address:		PO Box 20 Dept 81014
Operator Address 2:		Not reported
Operator City,State,Zip:		Boise, ID 83726
Operator Phone Number:		(208)395-4793
Operator Effective Date:		12/01/1995
Site Contact:		Not reported
Site Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Site Contact Phone Number:		Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU HOLDINGS INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERVALU INC
Address:	448 E 18TH ST
City,State,Zip:	TACOMA, WA 98421-1507
Facility Address 2:	Not reported
Facility ID:	66615685
EPA ID:	WAH000050368
NAICS:	493120
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Dept 81014
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603268500
Business Type:	Grocery Retail Chain
Mail Name:	Not reported
Mailing Address:	PO Box 20
Mailing City,State,Zip:	Boise, ID 83726
Legal Organization Name:	Supervalu Holdings Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 20 Dept 81014
Legal Address 2:	Not reported
Legal City,State,Zip:	Boise, ID 83726
Legal Phone Number:	(208)395-4793
Legal Effective Date:	12/01/1995
Land Organization Name:	Supervalu Holdings Inc
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 20 Dept 81014
Land City,State,Zip:	Boise, ID 83726
Land Phone Number:	(208)395-4793
Operator Organization Name:	Supervalu Holdings Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	PO Box 20 Dept 81014
Operator Address 2:	Not reported
Operator City,State,Zip:	Boise, ID 83726
Operator Phone Number:	(208)395-4793
Operator Effective Date:	12/01/1995
Site Contact:	Greg Sharits
Site Contact Address:	448 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)404-4176
Site Contact Email:	Not reported
Gen Status Code:	LQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Waste Stream Generated:	
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-Listed Ignitable (D001)
CORb Sequence Number:	155875
Sequence Number:	3402094
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	21.8500000
Quanity Unit:	LB
Kilograms Quanity:	9.91116017
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-Listed Corrosive (D002)
CORb Sequence Number:	155875
Sequence Number:	3402095
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	145.650000
Quanity Unit:	LB
Kilograms Quanity:	66.0668411
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

SUPERVALU HOLDINGS INC (Continued) **U003354622**

WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Non-RCRA Liquids & Solids (WT02)
CORb Sequence Number:	155875
Sequence Number:	3402096
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4778
Quanity Unit:	LB
Kilograms Quanity:	2167.30083
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	1975764
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	9.05000000
Unit of Measure:	LB
Kilograms Quanity:	4.10508007
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402094
Sequence Number:	1975763
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	12.8000000
Unit of Measure:	LB
Kilograms Quanity:	5.80608009
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402095
Sequence Number:	1975765
Shipment Date:	2015-08-25 00:00:00
Mainfest Document ID:	007214425FLE
Reported Quanity:	145.650000
Unit of Measure:	LB
Kilograms Quanity:	66.0668411
Receiving EPAID:	WAD020257945
Waste Sequence Number:	3402096
Sequence Number:	1975766
Shipment Date:	2015-11-30 00:00:00
Mainfest Document ID:	008603551FLE
Reported Quanity:	4778
Unit of Measure:	LB
Kilograms Quanity:	2167.30083
Receiving EPAID:	WAD020257945

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	155875
Waste Sequence Number:	3402094
Sequence Number:	897384
Received EPAID:	WAD020257945

SUPERVALU HOLDINGS INC (Continued) **U003354622**

Managed Quanity: 9.05000000
Kilogram Quanity: 4.10508007
Recycled Percentage: 0
Waste Management System Code: H050

Waste Sequence Number: 3402094
Sequence Number: 897383
Received EPAID: WAD020257945
Managed Quanity: 12.8000000
Kilogram Quanity: 5.80608009
Recycled Percentage: 0
Waste Management System Code: H010

Waste Sequence Number: 3402095
Sequence Number: 897385
Received EPAID: WAD020257945
Managed Quanity: 145.650000
Kilogram Quanity: 66.0668411
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3402096
Sequence Number: 897386
Received EPAID: WAD020257945
Managed Quanity: 4778
Kilogram Quanity: 2167.30083
Recycled Percentage: 0
Waste Management System Code: H132

Waste Stream EPA Code:
CORB Waste Sequence Number: 155875
Waste Sequence Number: 3402094
Sequence Number: 7829248
WCDA Code: D001

Waste Sequence Number: 3402095
Sequence Number: 7829251
WCDA Code: D002

Waste Stream Source Code:
CORB Waste Sequence Number: 155875
Waste Sequence Number: 3402094
Sequence Number: 1
WCDD Code: G31

Waste Sequence Number: 3402095
Sequence Number: 1
WCDD Code: G31

Waste Sequence Number: 3402096
Sequence Number: 1
WCDD Code: G31

283 North 1/4-1/2 0.494 mi. 2608 ft.

SUPERVALU INC BLDG 103
420 E 18TH ST
TACOMA, WA 98401

WA ALLSITES
WA SPILLS
WA MANIFEST

S107153551
N/A

Relative: Lower

Actual: 7 ft.

ALLSITES:

Name:	SUPERVALU INC BLDG 103
Facility Id:	782981

SPILLS:

Name:	Not reported
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	549616
Medium:	Not reported
Material Desc:	PETROLEUM - WASTE/USED OIL
Material Qty:	1
Material Units:	QUART
Date Received:	07/27/2005
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	SPINNING HEADS INC
Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	782981
EPA ID:	WAH000046976
NAICS:	325411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603352074
Business Type:	Cannabis Production
Mail Name:	Spinning Heads Inc
Mailing Address:	1122 E Pike St
Mailing City,State,Zip:	Seattle, WA 98122
Legal Organization Name:	Spinning Heads Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1122 E Pike St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98122
Legal Phone Number:	253-219-5457
Legal Effective Date:	Not reported
Land Organization Name:	Times Four LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	719 K St
Land City,State,Zip:	Centralia, WA 98531-3031
Land Phone Number:	000-000-0000
Operator Organization Name:	Spinning Heads Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1122 E Pike St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98122
Operator Phone Number:	253-219-5457
Operator Effective Date:	Not reported
Site Contact:	Mark Duncan
Site Contact Address:	420 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	253-219-5457
Site Contact Email:	mduncan460@gmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported
Name:	SPINNING HEADS INC

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Address:	420 E 18TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	782981
EPA ID:	WAH000046976
NAICS:	325411
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	We use acetone, isopropyl alcohol and ethanol alcohol
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603352074
Business Type:	Cannabis Production
Mail Name:	Spinning Heads Inc
Mailing Address:	1122 E Pike St
Mailing City,State,Zip:	Seattle, WA 98122
Legal Organization Name:	Spinning Heads Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1122 E Pike St
Legal Address 2:	Not reported
Legal City,State,Zip:	Seattle, WA 98122
Legal Phone Number:	253-219-5457
Legal Effective Date:	Not reported
Land Organization Name:	Times Four LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	719 K St
Land City,State,Zip:	Centralia, WA 98531-3031
Land Phone Number:	000-000-0000
Operator Organization Name:	Spinning Heads Inc
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1122 E Pike St
Operator Address 2:	Not reported
Operator City,State,Zip:	Seattle, WA 98122
Operator Phone Number:	253-219-5457
Operator Effective Date:	Not reported
Site Contact:	Mark Duncan
Site Contact Address:	420 E 18th St
Contact City,State,Zip:	Tacoma, WA 98421

SUPERVALU INC BLDG 103 (Continued) **S107153551**

Site Contact Phone Number:	253-219-5457
Site Contact Email:	mduncan460@gmail.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

BT284 **SHAUB-ELLISON PARCEL** **US BROWNFIELDS** **1016679948**
NW **1902 PACIFIC AVENUE** **N/A**
1/4-1/2 **TACOMA, WA 98402**
0.499 mi.
2635 ft. **Site 1 of 3 in cluster BT**

Relative:
Higher

Actual:
60 ft.

US BROWNFIELDS:

Name:	SHAUB-ELLISON PARCEL
Address:	1902 PACIFIC AVENUE
City,State,Zip:	TACOMA, WA 98402
Recipient Name:	University of Washington
Grant Type:	Cleanup
Property Number:	Block 1904, Parcel 17
Parcel size:	0.28
Latitude:	47.24505
Longitude:	-122.43675
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	The University of Washington purchased this property in 1993. The property redevelopment involved demolition of an existing commercial building and creation of 0.275 acres of green space. During redevelopment activities approximately 3,700 cubic yards of petroleum contaminated soil was removed from the property. Residual petroleum contaminated soils and groundwater remain at the property and will be addressed in-situ in the Brownfields Cleanup Grant. (PPF - Shaub-Ellison Parcel, 2/10/05) In-situ aerobic groundwater treatment and soil bioventing treatment systems are in place at the property currently and are expected to remain operational for approximately five to 10 years. (PPF - Shaub-Ellison Parcel, 6/21/07)
Datum:	World Geodetic System of 1984
Acres Property ID:	15864
IC Data Access:	-
Start Date:	10/1/2004
Redev Completition Date:	-
Completed Date:	3/7/2007
Acres Cleaned Up:	0.28
Cleanup Funding:	200000

SHAUB-ELLISON PARCEL (Continued) **1016679948**

Cleanup Funding Source:	EPA
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	US EPA - Brownfields Cleanup Cooperative Agreement
Grant Type:	Petroleum
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97093801
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	University of Washington
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	Y
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	4/1/2007
IC in place:	Y
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-

SHAUB-ELLISON PARCEL (Continued) **1016679948**

Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.28
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Tire manufacture, sales and installation store
Below Poverty Number:	604
Below Poverty Percent:	31.69
Meidan Income:	4430
Meidan Income Number:	1139
Meidan Income Percent:	59.76
Vacant Housing Number:	228
Vacant Housing Percent:	19.51
Unemployed Number:	147

SHAUB-ELLISON PARCEL (Continued) **1016679948**

Unemployed Percent:	7.71
Name:	SHAUB-ELLISON PARCEL
Address:	1902 PACIFIC AVENUE
City,State,Zip:	TACOMA, WA 98402
Recipient Name:	University of Washington
Grant Type:	Cleanup
Property Number:	Block 1904, Parcel 17
Parcel size:	0.28
Latitude:	47.24505
Longitude:	-122.43675
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	The University of Washington purchased this property in 1993. The property redevelopment involved demolition of an existing commercial building and creation of 0.275 acres of green space. During redevelopment activities approximately 3,700 cubic yards of petroleum contaminated soil was removed from the property. Residual petroleum contaminated soils and groundwater remain at the property and will be addressed in-situ in the Brownfields Cleanup Grant. (PPF - Shaub-Ellison Parcel, 2/10/05) In-situ aerobic groundwater treatment and soil bioventing treatment systems are in place at the property currently and are expected to remain operational for approximately five to 10 years. (PPF - Shaub-Ellison Parcel, 6/21/07)
Datum:	World Geodetic System of 1984
Acres Property ID:	15864
IC Data Access:	-
Start Date:	10/1/2004
Redev Completition Date:	-
Completed Date:	3/7/2007
Acres Cleaned Up:	0.28
Cleanup Funding:	40000
Cleanup Funding Source:	Grant match
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	State/Tribal Funding (non-section 128(a))
Grant Type:	Petroleum
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97093801
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	University of Washington
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	Y

SHAUB-ELLISON PARCEL (Continued) **1016679948**

IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	4/1/2007
IC in place:	Y
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.28
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-

SHAUB-ELLISON PARCEL (Continued) **1016679948**

No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Tire manufacture, sales and installation store
Below Poverty Number:	604
Below Poverty Percent:	31.69
Meidan Income:	4430
Meidan Income Number:	1139
Meidan Income Percent:	59.76
Vacant Housing Number:	228
Vacant Housing Percent:	19.51
Unemployed Number:	147
Unemployed Percent:	7.71

Name:	SHAUB-ELLISON PARCEL
Address:	1902 PACIFIC AVENUE
City,State,Zip:	TACOMA, WA 98402
Recipient Name:	University of Washington
Grant Type:	Cleanup
Property Number:	Block 1904, Parcel 17
Parcel size:	0.28
Latitude:	47.24505
Longitude:	-122.43675
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	The University of Washington purchased this property in 1993. The property redevelopment involved demolition of an existing commercial building and creation of 0.275 acres of green space. During redevelopment activities approximately 3,700 cubic yards of petroleum contaminated soil was removed from the property. Residual petroleum contaminated soils and groundwater remain at the property and will be addressed in-situ in the Brownfields Cleanup Grant. (PPF - Shaub-Ellison Parcel, 2/10/05) In-situ aerobic groundwater treatment and soil bioventing treatment systems are in place at the property currently and are expected to remain operational for approximately

SHAUB-ELLISON PARCEL (Continued) **1016679948**

	five to 10 years. (PPF - Shaub-Ellison Parcel, 6/21/07)
Datum:	World Geodetic System of 1984
Acres Property ID:	15864
IC Data Access:	-
Start Date:	10/1/2004
Redev Completition Date:	-
Completed Date:	3/7/2007
Acres Cleaned Up:	0.28
Cleanup Funding:	100000
Cleanup Funding Source:	Additional funding from the University of Washington
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	Other Federal Funding
Grant Type:	Petroleum
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	97093801
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	University of Washington
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	Y
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	4/1/2007
IC in place:	Y
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-

SHAUB-ELLISON PARCEL (Continued) **1016679948**

Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.28
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-

SHAUB-ELLISON PARCEL (Continued) **1016679948**

Property Description:	Tire manufacture, sales and installation store
Below Poverty Number:	604
Below Poverty Percent:	31.69
Meidan Income:	4430
Meidan Income Number:	1139
Meidan Income Percent:	59.76
Vacant Housing Number:	228
Vacant Housing Percent:	19.51
Unemployed Number:	147
Unemployed Percent:	7.71

BT285 **SHAUB ELLISON CO TACOMA** **WA CSCSL** **1007078518**
NW **1902 PACIFIC AVE** **WA LUST** **N/A**
1/4-1/2 **TACOMA, WA 98402** **WA UST**
0.499 mi. **WA ALLSITES**
2635 ft. **Site 2 of 3 in cluster BT**

Relative:
Higher

Actual:
60 ft.

CSCSL:

Name:	SHAUB-ELLISON CO/UW TACOMA BRANCH
Address:	1902 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4283388
Region:	Southwest
Lat/Long:	47.24459 / -122.43681
Clean Up Siteid:	7568
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	SHAUB ELLISON CO,SHAUB ELLISON CO TACOMA
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	SHAUB-ELLISON CO/UW TACOMA BRANCH
Address:	1902 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4283388
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7568
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SHAUB ELLISON CO,SHAUB ELLISON CO TACOMA
Response Section:	Southwest
Release Date:	05/01/1993
Lust Date:	05/01/1993
Region:	Southwest
Lust ID:	4060
UST ID:	4883
Contaminant Name:	Petroleum-Other

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24459 / -122.43681

UST:

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	4283388
Site Id:	4883
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24459
Decimal Longitude:	-122.43681

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Zip:	98402
Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	SHAUB ELLISON CO TACOMA
Address:	1902 PACIFIC AVE
City:	TACOMA
Zip:	98402
Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported

SHAUB ELLISON CO TACOMA (Continued) **1007078518**

Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: SHAUB ELLISON CO
Facility Id: 4283388

BR286 **LILYBLAD PETROLEUM INC EPA 25T** **WA SWF/LF** **1000441154**
ENE **1313 E 25TH ST** **WA ALLSITES** **WAD980833586**
1/4-1/2 **TACOMA, WA 98421** **RCRA NonGen / NLR**
0.500 mi. **FINDS**
2638 ft. **Site 2 of 2 in cluster BR** **ECHO**

Relative:
Lower

Actual:
23 ft.

SWF/LF:
Name: NU-TREAD TIRES LLC
Address: 1313 E 25TH
City,State,Zip: TACOMA, WA 98421
Facility ID: 2157
Region: STATE
Permit Status: Recycle Survey
Contact Organization: Nu-Tread Tires LLC
Contact Address1: 1313 E 25th
Contact Address2: Not reported
Contact City: Tacoma
Contact State: WA
Contact Postal: 98421
Contact EMail: Not reported
Contact Phone: (253) 572-9063
Contact Phone Ext: Not reported
Permit No: Not reported
Phone: (253) 572-9063
Operator Name: Not reported
Operator Organization: Nu-Tread Tires LLC
Operator EMail: Not reported
Operator Title: Not reported
Recycle Survey Code: 1591
Ownership: Not reported
Facility Type: Recycling (non-regulated)
Contact Name: Tom Smitham
Contact Title: Owner
Year Closed: Not reported
Open to Public Flag: No
Website: Not reported
Latitude: Not reported
Longitude: Not reported

ALLSITES:
Name: LILYBLAD PETROLEUM INC EPA 25T
Facility Id: 82343515

RCRA Listings:
Date Form Received by Agency: 1983-12-21 00:00:00.0
Handler Name: LILYBLAD PETROLEUM INC EPA 25T
Handler Address: 1313 E 25TH ST
Handler City,State,Zip: TACOMA, WA 98421

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

EPA ID:	WAD980833586
Contact Name:	LILYBLAD PETROL LILYBLAD PETROL
Contact Address:	PO BOX 1381
Contact City,State,Zip:	TACOMA, WA 98401-1381
Contact Telephone:	000-000-0000
Contact Fax:	000-000-0000
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1381
Mailing City,State,Zip:	TACOMA, WA 98401-1381
Owner Name:	LILYBLAD PETROL L
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Not reported
Groundwater Controls Indicator:	Not reported
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-02-16 19:22:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LILYBLAD PETROL L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LILYBLAD PETROLEUM INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2303
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1313 E 25TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1983-12-21 00:00:00.0
Handler Name:	LILYBLAD PETROLEUM INC EPA 25T
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325188
NAICS Description:	ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005334575

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource

LILYBLAD PETROLEUM INC EPA 25T (Continued) **1000441154**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000441154
Registry ID:	110005334575
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005334575
Name:	LILYBLAD PETROLEUM INC EPA 25T
Address:	1313 E 25TH ST
City,State,Zip:	TACOMA, WA 98421

BL287 **BETTE MCBRIER** **WA CSCSL** **U003750415**
ENE **1320 PUYALLUP AVE** **WA UST** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.503 mi. **WA ASBESTOS**
2656 ft. **Site 6 of 6 in cluster BL**

Relative:
Lower

Actual:
23 ft.

CSCSL:

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Benzene
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	64297321
Region:	Southwest
Lat/Long:	47.2418832483 / -122.414443744
Clean Up Siteid:	13150
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE

BETTE MCBRIER (Continued) **U003750415**

City:	TACOMA
Zip:	98421
Facility ID:	64297321
Site Id:	508059
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2418832483
Decimal Longitude:	-122.414443744

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	BETTE MCBRIER
Address:	1320 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	11/29/2000
Tank Install Date:	01/01/1974
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	BETTE MCBRIER
Facility Id:	64297321

ASBESTOS:

Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	118115
Form ID:	119152##1210Therm188302
Notice Date:	07/12/2016
Start Date:	07/05/2016

BETTE MCBRIER (Continued) **U003750415**

Completion Date:	07/22/2016
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	ON HOLD Tuesday 7-12-16 at 730am
Date Time Submitted:	2016-07-12 07:28:43
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	0
Form ID:	118115##1210Therm574516
Notice Date:	06/21/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

BETTE MCBRIER (Continued) **U003750415**

Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2016-06-21 10:14:29
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl
Supervisor:	Branton Watkins ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	1320 PUYALLUP AVE LOCATIONS THROUGHOUT THE STRUCTURE
City,State,Zip:	TACOMA, WA 98421
Facility Type:	Commercial
Parent ID:	118115
Form ID:	132436##1210Therm208225
Notice Date:	09/16/2016
Start Date:	07/05/2016
Completion Date:	07/22/2016
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	1
Emergency:	Not reported
Site Hours Start:	7:00 a.m.
Site Hours End:	3:30 p.m.
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Branton Watkins
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	M & A Investments 5 LLC
Property Owner Agent:	Hank Bacon
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	1424 Puyallup Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98421
Property Owner Phone:	253-272-1138
Job Site Room:	locations throughout the structure
Facility Age:	1968
Facility Size:	5829 sq.ft.

BETTE MCBRIER (Continued) **U003750415**

Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	3228
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wall texture,floor mastic
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	This project was completed.
Date Time Submitted:	2016-09-16 15:57:04
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage, Popcorn Ceiling, Sheet Vinyl

BETTE MCBRIER (Continued) **U003750415**

Supervisor: Branton Watkins ()
Supervisor Phone: Not reported
Certificate Status: ACTIVE

288
NNW
1/2-1
0.507 mi.
2678 ft.

BNSF D ST PIPELINE
18TH & D ST
TACOMA, WA 98421

WA CSCSL **S108479627**
WA INST CONTROL **N/A**
WA ALLSITES

Relative:
Lower

Actual:
5 ft.

CSCSL:

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2923141
Region:	Southwest
Lat/Long:	47.246708 / -122.430089
Clean Up Siteid:	1350
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	2923141
Region:	Southwest
Lat/Long:	47.246708 / -122.430089
Clean Up Siteid:	1350
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:
Name: BNSF D ST PIPELINE

BNSF D ST PIPELINE (Continued) **S108479627**

Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0110823037e+011
Filing Date Of Individual IC Doc:	08/23/2011
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	6370000070
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Soil; Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0100831075e+011
Filing Date Of Individual IC Doc:	08/31/2010
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	6370000040
Control Active:	True

BNSF D ST PIPELINE (Continued) **S108479627**

CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	BNSF D ST PIPELINE
Address:	18TH & D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	2923141
Latitude:	47.246708
Longitude:	-122.430089
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.010071304e+011
Filing Date Of Individual IC Doc:	07/13/2010
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	Not reported
Control Active:	True
CS ID:	1350
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

BNSF D ST PIPELINE (Continued) **S108479627**

ALLSITES:
Name: BNSF D ST PIPELINE
Facility Id: 2923141

BP289 **WA UW TACOMA BR CAMP** **SEMS-ARCHIVE** **1000179249**
WNW **1930 C ST** **CORRACTS** **WAD980664718**
1/2-1 **TACOMA, WA 98402** **RCRA-TSDF**
0.513 mi. **WA ALLSITES**
2707 ft. **Site 3 of 4 in cluster BP** **RCRA NonGen / NLR**
2020 COR ACTION
Relative: **RAATS**
Higher

Actual:
75 ft.

SEMS Archive:
Site ID: 1001551
EPA ID: WAD980664718
Name: ARRCOM INC TACOMA
Address: 1930 C ST
Address 2: Not reported
City,State,Zip: TACOMA, WA 98402
Cong District: 06
FIPS Code: 53053
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 10
Site ID: 1001551
EPA ID: WAD980664718
Site Name: ARRCOM INC TACOMA
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1993-06-29 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 10
Site ID: 1001551
EPA ID: WAD980664718
Site Name: ARRCOM INC TACOMA
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-09-17 04:00:00
Finish Date: 1991-09-17 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1001551

WA UW TACOMA BR CAMP (Continued) **1000179249**

EPA ID:	WAD980664718
Site Name:	ARRCOM INC TACOMA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1993-06-29 04:00:00
Finish Date:	1993-06-29 04:00:00
Qual:	D
Current Action Lead:	EPA Perf

CORRACTS:

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA010
Actual Date:	1995-10-17 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA050PA
Actual Date:	1992-04-13 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA075ME
Actual Date:	1995-01-18 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	FACILITY
Corrective Action:	CA060
Actual Date:	1994-07-01 00:00:00.0
Air Release Indicator:	Y
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y

WA UW TACOMA BR CAMP (Continued) **1000179249**

Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: FACILITY
Corrective Action: CA070YE
Actual Date: 1994-11-01 00:00:00.0
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: FACILITY
Corrective Action: CA100
Actual Date: 1997-10-01 00:00:00.0
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: BLECKERT-CRAGLE SUBAREA
Corrective Action: CA110
Actual Date: 1997-09-02 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: REMAINING AREA
Corrective Action: CA110
Actual Date: 1997-09-02 00:00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: WA UW TACOMA BR CAMP
Address: 1930 C ST
Address 2: Not reported
Area Name: HOWE PLUME AREA
Corrective Action: CA110
Actual Date: 1997-09-02 00:00:00.0
Air Release Indicator: Y
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	BLECKERT-CRAGLE SUBAREA
Corrective Action:	CA120
Actual Date:	1997-11-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Name:	WA UW TACOMA BR CAMP
Address:	1930 C ST
Address 2:	Not reported
Area Name:	REMAINING AREA
Corrective Action:	CA120
Actual Date:	1997-11-07 00:00:00.0
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Y
Soil Release Indicator:	Y
Surface Water Release Indicator:	Not reported

Click this hyperlink while viewing on your computer to access
181 additional CORRACTS: record(s) in the EDR Site Report.

RCRA Listings:

Date Form Received by Agency:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Handler Address:	1930 C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980664718
Contact Name:	DAVE LUNDSTROM
Contact Address:	PO BOX 354400
Contact City,State,Zip:	SEATTLE, WA 98195
Contact Telephone:	206-685-2848
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ARRCOM INC
Owner Type:	Private
Operator Name:	PHIPPEN, WENDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Post-Closure Care, Sudden Third-Party Liability, Non-Sudde Third-Party Liability
Handler Date of Last Change:	2018-05-09 13:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC A

WA UW TACOMA BR CAMP (Continued) **1000179249**

Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY P
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private

WA UW TACOMA BR CAMP (Continued) **1000179249**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1982-01-06 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-03-09 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-03-02 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP

WA UW TACOMA BR CAMP (Continued) **1000179249**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	61131
NAICS Description:	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2000-03-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier: WALJW
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1993-12-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	RWW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-01-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-10-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-03-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

ALLSITES:

Name:	WA UW TACOMA BR CAMP
Facility Id:	61923571

RCRA Listings:

Date Form Received by Agency:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Handler Address:	1930 C ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD980664718
Contact Name:	DAVE LUNDSTROM
Contact Address:	PO BOX 354400
Contact City,State,Zip:	SEATTLE, WA 98195
Contact Telephone:	206-685-2848
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	1930 S C ST
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	ARRCOM INC
Owner Type:	Private
Operator Name:	PHIPPEN, WENDY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Storage
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

WA UW TACOMA BR CAMP (Continued) **1000179249**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Land Disposal, Storage
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Land Disposal, Storage
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	No
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Land Disposal, Storage
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Post-Closure Care, Sudden Third-Party Liability, Non-Sudde Third-Party Liability
Handler Date of Last Change:	2018-05-09 13:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC A
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3105
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARRCOM INC
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1930 S C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WENDY P
Legal Status:	Private
Date Became Current:	1997-02-27 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195-4400
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WA UW TACOMA BR CAMP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1930 C ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHIPPEN, WENDY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	WA UW
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 354400
Owner/Operator City,State,Zip:	SEATTLE, WA 98195
Owner/Operator Telephone:	206-685-2848
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-05-01 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1982-01-06 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified

WA UW TACOMA BR CAMP (Continued) **1000179249**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-07 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-02 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-30 00:00:00.0
Handler Name:	WA UW TACOMA BR CAMP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

WA UW TACOMA BR CAMP (Continued) **1000179249**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61131
NAICS Description: COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1998-10-22 00:00:00.0
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 1998-10-22 00:00:00.0
Actual Return to Compliance Date: 1999-04-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1999-01-31 00:00:00.0

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier:	000
Date of Enforcement Action:	1998-10-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R0
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WADRP
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2000-03-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier: WALJW
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2006-07-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier: WALJW
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Date:	1993-12-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP

WA UW TACOMA BR CAMP (Continued) **1000179249**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-02-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	RWW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-01-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1999-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-04-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-06-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-10-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	WADRP
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	1999-04-27 00:00:00.0
Scheduled Compliance Date:	1999-01-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-10-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	R0JLB
Evaluation Responsible Sub-Organization:	WO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-03-24 00:00:00.0
Evaluation Responsible Agency:	State

WA UW TACOMA BR CAMP (Continued) **1000179249**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2007-04-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	WALJW
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

WA UW TACOMA BR CAMP (Continued) **1000179249**

2020 COR ACTION:

EPA ID:	WAD980664718
Region:	10
Action:	Not reported

RAATS:

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005(A)
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	22,000.00
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 270.10(F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision

WA UW TACOMA BR CAMP (Continued) **1000179249**

Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 3005(A)
Total No Cited:	Not reported
Reg Type:	Federal
Prop. Penalty:	22,000.00
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

Entry No:	1
Facility ID:	WAD980664718
Type:	Not reported
Docket No:	X-83-04-01-3008
Region:	10
Issue Date:	05/19/1986
Final Date:	05/10/1983
Status:	ALJ Decision
Additional:	Not reported
Action ID:	2788
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 270.10(F)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	*
Final Penalty:	3,000.00
Total Prop. Penalty:	22,000.00
Comments:	COMPLAINT WENT TO INITIAL DECISION. INITIAL DECISION APPEALED BY REGION.

BP290 **R & R INVESTMENT** **WA CSCSL** **U003355810**
WNW **1920 C ST S** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98402** **WA UST**
0.513 mi. **WA ALLSITES**
2707 ft. **Site 4 of 4 in cluster BP**

Relative:
Higher

Actual:
74 ft.

CSCSL:

Name:	U OF W - TACOMA BRANCH CAMPUS
Address:	1920 C ST S
City,State,Zip:	TACOMA, WA 98402
Facility ID:	51567736
Region:	Southwest
Lat/Long:	47.24416 / -122.4375
Clean Up Siteid:	9505
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	R & R INVESTMENT
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

R & R INVESTMENT (Continued) **U003355810**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: U OF W - TACOMA BRANCH CAMPUS
Address: 1920 C ST S
City,State,Zip: TACOMA, WA 98402
Facility ID: 51567736
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9505
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: R & R INVESTMENT
Response Section: Southwest
Release Date: 09/30/1993
Lust Date: 09/30/1993
Region: Southwest
Lust ID: 3305
UST ID: 9204
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24416 / -122.4375

UST:
Name: R & R INVESTMENT
Address: 1920 C ST S
City: TACOMA
Zip: 98402
Facility ID: 51567736
Site Id: 9204
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.24416
Decimal Longitude: -122.4375

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Not reported
Tank Construction: Not reported
Tank Tightness Test: Not reported

R & R INVESTMENT (Continued) **U003355810**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported

R & R INVESTMENT (Continued) **U003355810**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

R & R INVESTMENT (Continued) **U003355810**

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	R & R INVESTMENT
Address:	1920 C ST S
City:	TACOMA
Zip:	98402

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

R & R INVESTMENT (Continued) **U003355810**

Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: R & R INVESTMENT
Facility Id: 51567736

BT291 **WA UW TACOMA BRANCH** **WA HSL** **S104918156**
NW **1900 COMMERCE** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.534 mi.
2817 ft. **Site 3 of 3 in cluster BT**

Relative:
Higher

Actual:
74 ft.

HSL:
Name: WA UW TACOMA BRANCH
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 1325
Rank: 3
Region: SW
EDR Link ID: 1325
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: WA UW TACOMA BRANCH
Address: 1900 COMMERCE
City,State,Zip: TACOMA, WA 98402
Facility ID: 1325
Region: Southwest
Lat/Long: 47.24418 / -122.43741
Clean Up Siteid: 141
Site Status: Cleanup Started
Contaminant Name: Base/Neutral/Acid Organics
Alternate Site Names: ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA UW TACOMA BRANCH
Address: 1900 COMMERCE
City,State,Zip: TACOMA, WA 98402
Facility ID: 1325
Region: Southwest

WA UW TACOMA BRANCH (Continued) **S104918156**

Lat/Long: 47.24418 / -122.43741
Clean Up Siteid: 141
Site Status: Cleanup Started
Contaminant Name: Halogenated Organics
Alternate Site Names: ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: WA UW TACOMA BRANCH
Address: 1900 COMMERCE
City,State,Zip: TACOMA, WA 98402
Facility ID: 1325
Region: Southwest
Lat/Long: 47.24418 / -122.43741
Clean Up Siteid: 141
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ARRCOM INC,Cragle Property,Former Arrcom site,Former Drexler site,Former Griffith Fuel Oil site,SHAUB ELLISON TIRE STORE
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: WA UW TACOMA BRANCH
Facility Id: 1325

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292 NW 1/2-1 0.573 mi. 3028 ft. | **TACOMA UNION STA 1717 PACIFIC AVE TACOMA, WA 98402** | **WA CSCSL WA ALLSITES RCRA NonGen / NLR FINDS ECHO** | **1000658790 WAD988484465**

Relative: Lower
Actual: 45 ft.

CSCSL:
Name: TACOMA UNION STATION HYDRAULIC RELEASE
Address: 1717 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 71886388
Region: Southwest

TACOMA UNION STA (Continued) **1000658790**

Lat/Long:	47.24662 / -122.43674
Clean Up Siteid:	13045
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Tacoma Union Sta
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	TACOMA UNION STA
Facility Id:	71886388

RCRA Listings:

Date Form Received by Agency:	1993-06-18 00:00:00.0
Handler Name:	TACOMA UNION STA
Handler Address:	1717 PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD988484465
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST STE 420
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	TACOMA UNION STATION
Owner Type:	Private
Operator Name:	TACOMA UNION STA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

TACOMA UNION STA (Continued) **1000658790**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 12:24:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE

TACOMA UNION STA (Continued) **1000658790**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402-3234
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private

TACOMA UNION STA (Continued) **1000658790**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA UNION STA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1717 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-06-17 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-06-18 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TACOMA UNION STA (Continued) **1000658790**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-06-17 00:00:00.0
Handler Name:	TACOMA UNION STA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-09-01 00:00:00.0
Handler Name:	CITY OF TACOMA UNION STATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005359496

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

TACOMA UNION STA (Continued) **1000658790**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

~~Click this hyperlink~~ while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000658790
Registry ID:	110005359496
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005359496
Name:	TACOMA UNION STA
Address:	1717 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

293
North
1/2-1
0.583 mi.
3076 ft.

Relative:
Lower

Actual:
7 ft.

SUPERVALU NORTHWEST REGION
1525 E D ST
TACOMA, WA 98421

WA HSL **U003378461**
WA CSCSL **N/A**
WA LUST
WA UST
WA ALLSITES
WA NPDES

HSL:

Name:	SUPERVALU NORTHWEST REGION
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	46295623
Rank:	3
Region:	SW
EDR Link ID:	46295623
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	46295623
Region:	Southwest
Lat/Long:	47.248944 / -122.429722
Clean Up Siteid:	9315
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	SUPERVALU INC TACOMA,WEST COAST GROCERY SUPER VALU,WEST COAST GROCERY SUPERVALU INC TACOMA,WEST COAST GROGERY SUPERVALU
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: SUPERVALU NORTHWEST REGION
Address: 1525 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 46295623
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 9315
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: SUPERVALU INC TACOMA,WEST COAST GROCERY SUPER VALU,WEST COAST GROCERY SUPERVALU INC TACOMA,WEST COAST GROGERY SUPERVALU
Response Section: Southwest
Release Date: 03/10/2009
Lust Date: 12/15/2008
Region: Southwest
Lust ID: 6420
UST ID: 5706
Contaminant Name: Petroleum-Diesel
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.248944 / -122.42972

UST:
Name: SUPERVALU NORTHWEST REGION
Address: 1525 E D ST
City: TACOMA
Zip: 98421
Facility ID: 46295623
Site Id: 5706
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.248944
Decimal Longitude: -122.429722

Tank Name: 1
Tag Number: A3025
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 12/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	2
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	3
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	4
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Tank Name:	5
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	A
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	20,000 to 29,999 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Dispencer/Pump SFC Type:	Rubber Boot
Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421
Tank Name:	B
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not in contact with soil
Pipe Material:	Fiberglass
Pipe Construction:	Other
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump
Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421
Tank Name:	B
Tag Number:	A3025
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	03/14/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	02/28/2021
Tank Upgrade Date:	03/14/1990
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Non-Manifolded Tank
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not in contact with soil

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Pipe Material:	Fiberglass
Pipe Construction:	Other
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Safe Suction
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Sump

Name:	SUPERVALU NORTHWEST REGION
Address:	1525 E D ST
City:	TACOMA
Zip:	98421

Tank Name:	C
Tag Number:	A3025
Tank Status:	Removed
Tank Status Date:	06/29/2004
Tank Install Date:	12/31/1980
Tank Closure Date:	09/24/2008
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not Applicable
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Weekly Manual Gauging
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Safe Suction (No Leak Detection)
Pipe Second Release Detection:	Safe Suction (No Leak Detection)
Pipe Corrosion Protection:	None
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	WEST COAST GROCERY SUPER VALU
Facility Id:	46295623

NPDES:

Name:	SUPERVALU DISTRIBUTION CENTER MAIN
Address:	1525 E D ST
City,State,Zip:	TACOMA, WA 98421-1609
Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.24894400
Longitude:	-122.429722
Permit ID:	WAR001693

SUPERVALU NORTHWEST REGION (Continued) **U003378461**

Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

---

294 ENE 1/2-1 0.609 mi. 3217 ft.

Relative: Lower

Actual: 13 ft.

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES
2117 E RIVER ST
TACOMA, WA 98421

WA CSCSL **1010736935**
WA SWF/LF **N/A**
WA ALLSITES
FINDS
ECHO
WA MANIFEST
WA NPDES

CSCSL:

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Mercury
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Metals - Other
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

	SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	FORMER HANSEN PARCELS #2 AND #3 AKA AMERICAN PETROLEUM ENVIRONMENTAL SVC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	13278
Region:	Southwest
Lat/Long:	47.24535 / -122.41472
Clean Up Siteid:	12931
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	American Petroleum Env Svcs Inc,APES1 LLC,Former Hansen Parcels #2 and #3
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

SWF/LF:

Name:	DTG TACOMA YARD
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	3472
Region:	STATE
Permit Status:	Not reported
Contact Organization:	_Unspecified
Contact Address1:	Not reported
Contact Address2:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	27-746
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	_Unspecified
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	0
Ownership:	PRIVATE
Facility Type:	Material Recovery Facility (permitted)
Contact Name:	Not reported
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	47.24535
Longitude:	-122.41472

Name:	AIR WATER AND SOIL TECHNOLOGIES, INC.
Address:	2117 E RIVER ROAD
City,State,Zip:	TACOMA, WA 98421
Facility ID:	648
Region:	STATE
Permit Status:	Permitted
Contact Organization:	Air Water and Soil Technologies, Inc.
Contact Address1:	16121 Ne 119th Street
Contact Address2:	Not reported
Contact City:	Brush Prairie
Contact State:	WA
Contact Postal:	98606
Contact EMail:	troy@airwatersoiltechnologies.com
Contact Phone:	(360) 635-1736
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	253-534-8222
Operator Name:	Not reported
Operator Organization:	Air Water and Soil Technologies, Inc.
Operator EMail:	Not reported
Operator Title:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Facility Type:	Pile Used for Storage or Treatment
Contact Name:	Troy Lehner
Contact Title:	Not reported
Year Closed:	Not reported
Open to Public Flag:	No
Website:	Not reported
Latitude:	Not reported
Longitude:	Not reported

ALLSITES:
Name: TACOMA YARD DTG

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Facility Id: 96403

Name: APES1 LLC
Facility Id: 13278

FINDS:
Registry ID: 110033624111

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1010736935
Registry ID: 110033624111
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110033624111
Name: AMERICAN PETROLEUM ENVIRONMENTAL SERVICES
Address: 2117 E RIVER ST
City,State,Zip: TACOMA, WA 98421

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

WA MANIFEST:

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	402 Valley Ave NW, Ste A-108
Mailing City,State,Zip:	Puyallup, WA 98371
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421-1510
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	Not reported
Land Organization Type:	Private
Land Contact:	Randy Soule
Land Address:	14830 Kivett Lane
Land City,State,Zip:	Reno, NV 89521
Land Phone Number:	775-762-2797
Operator Organization Name:	American Petroleum Environmental
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-1510
Operator Phone Number:	(253)538-5252
Operator Effective Date:	01/01/2014
Site Contact:	Mike Mazza

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421-1510
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421-1510
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421-1510
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421-1510
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	484110
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	13278
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	True
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	True
Tranports Other Waste:	True
Recycler Onsite:	False
Transfer Facility:	True
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	True
Used Oil Transfer Facility:	True
Used Oil Processor:	True
Used Oil Refiner:	True
Used Oil Fuel Marketer Directs Shipments:	True
Used Oil Fuel Marketer Meets Specs:	True
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	454312
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	T
Tranports Other Waste:	T
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	T
Used Oil Transfer Facility:	T
Used Oil Processor:	T
Used Oil Refiner:	T
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Name:	AMERICAN PETROLEUM ENV SVCS INC
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	7039265
EPA ID:	WAH000031093
NAICS:	423930
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	602308286
Business Type:	EnvironmentalRecycler
Mail Name:	American Petroleum Env Svcs Inc
Mailing Address:	2117 E River St
Mailing City,State,Zip:	Tacoma, WA 98421
Legal Organization Name:	American Petroleum Env Svcs Inc
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	2117 E River St
Legal Address 2:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Legal City,State,Zip:	Tacoma, WA 98421
Legal Phone Number:	(253)538-5252
Legal Effective Date:	05/05/2006
Land Organization Name:	APES 1 LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	2117 E River St
Land City,State,Zip:	Tacoma, WA 98421
Land Phone Number:	(253)538-5252
Operator Organization Name:	American Petroleum Env Svcs Inc
Operator Organization Type:	Private
Operator:	Michael P Mazza
Operator Address:	2117 E River St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)538-5252
Operator Effective Date:	05/31/2007
Site Contact:	Michael P Mazza
Site Contact Address:	2117 E River St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)538-5252
Site Contact Email:	mmazza@apes-inc.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	T
Used Oil Transfer Facility:	T
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	T
Used Oil Fuel Marketer Meets Specs:	T
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	TACOMA YARD DTG
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR307170
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported

AMERICAN PETROLEUM ENVIRONMENTAL SERVICES (Continued) **1010736935**

Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Name:	ENCORE TACOMA
Address:	2117 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR305636
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	07/31/2017
Days to Expiration:	-171

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295 **CHEVRON BULK PLANT USA 1348** **WA HSL** **S110038941**
NNE **1656 E J ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.612 mi.
3233 ft.

Relative:
Lower

Actual:
11 ft.

HSL:

Name:	CHEVRON BULK PLANT USA 1348
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	1234
Rank:	1
Region:	SW
EDR Link ID:	1234
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	CHEVRON BULK PLANT USA 1348
Address:	1656 E J ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1234
Region:	Southwest
Lat/Long:	47.249240000263 / -122.4226299997
Clean Up Siteid:	3762
Site Status:	Cleanup Started
Contaminant Name:	Benzene

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Contaminant Name: Petroleum-Gasoline
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CHEVRON BULK PLANT USA 1348
Address: 1656 E J ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 1234
Region: Southwest
Lat/Long: 47.249240000263 / -122.4226299997
Clean Up Siteid: 3762
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: ANDOR GRIFFIN TACOMA,BOWMAN OIL,BOWMAN OIL & PROPANE,CHEVRON BULK PLANT TACOMA,CHEVRON BULK TERMINAL,STANDARDOIL BULK FUEL TERMINAL
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported

CHEVRON BULK PLANT USA 1348 (Continued) **S110038941**

Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: CHEVRON BULK PLANT USA 1348
Facility Id: 1234

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296 ENE 1/2-1 0.617 mi. 3259 ft.

PILOT TRAVEL CENTER #1173
1440 PUYALLUP AVE
TACOMA, WA 98421

WA CSCSL **1000838722**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES
WA Financial Assurance

Relative: Lower
Actual: 21 ft.

CSCSL:
Name: ARCO 5727
Address: 1440 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 98738811
Region: Southwest
Lat/Long: 47.242111 / -122.412389
Clean Up Siteid: 3750
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: ARCO 5727
Address: 1440 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 98738811
Region: Southwest
Lat/Long: 47.242111 / -122.412389
Clean Up Siteid: 3750
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Responsible Unit: Southwest

Name: ARCO 5727
Address: 1440 PUYALLUP AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 98738811
Region: Southwest
Lat/Long: 47.242111 / -122.412389
Clean Up Siteid: 3750
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: True
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

UST:
Name: PILOT TRAVEL CENTER #1173
Address: 1440 PUYALLUP AVE
City: TACOMA
Zip: 98421
Facility ID: 98738811
Site Id: 100170
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.242111
Decimal Longitude: -122.412389

Tank Name: #5 DIESEL
Tag Number: A0205
Tank Status: Operational
Tank Status Date: 03/29/2011
Tank Install Date: 06/14/2005
Tank Closure Date: Not reported
Capacity Range: 5,000 to 9,999 Gallons
Tank Permit Expiration Date: 04/30/2021
Tank Upgrade Date: Not reported
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Double Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Interstitial Monitoring
Tank SFC Type: Rubber Boot
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD)

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	REGULAR 1
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	SUPER 4
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD 2
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City:	TACOMA
Zip:	98421

Tank Name:	UNLEAD 3
Tag Number:	A0205
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	04/01/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Tank Permit Expiration Date:	04/30/2021
Tank Upgrade Date:	03/04/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Rubber Boot
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Rubber Boot

INST CONTROL:

Name:	ARCO 5727
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	98738811
Latitude:	47.242111
Longitude:	-122.412389
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0151218023e+011
Filing Date Of Individual IC Doc:	12/18/2015
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	ARCO 05727,ARCO 5727 PSI 5279,PILOT TRAVEL CENTER #1173,PYRAMID GOLD I
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	4715010367
Control Active:	True
CS ID:	3750
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	True
Restrict Land Use:	False
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Access Barrier: False

ALLSITES:
Name: ARCO 5727
Facility Id: 98738811

WA Financial Assurance 1:

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2016
Address 2:	Not reported
Policy Number:	STP-107200
Effective Date:	04/19/2015
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2017
Address 2:	Not reported
Policy Number:	STP-111845
Effective Date:	04/19/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2018
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	UST G28150039 002
Effective Date:	09/01/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2017
Expiration Date:	04/19/2018
Address 2:	Not reported
Policy Number:	STP-117403
Effective Date:	04/19/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2016
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	PPL G28150052 001
Effective Date:	09/01/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	09/01/2017
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2016
Address 2:	Not reported
Policy Number:	STP-107200
Effective Date:	04/19/2015
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2014
Expiration Date:	04/19/2017
Address 2:	Not reported
Policy Number:	STP-111845
Effective Date:	04/19/2016
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2018
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	UST G28150039 002
Effective Date:	09/01/2018
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	CRUM & FORSTER SPECIALTY INS CO
Inception Date:	04/19/2017
Expiration Date:	04/19/2018
Address 2:	Not reported
Policy Number:	STP-117403
Effective Date:	04/19/2017
Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

Name:	PILOT TRAVEL CENTER #1173
Address:	1440 PUYALLUP AVE
City,State,Zip:	TACOMA, WA 98421
DOE Site ID:	100170
Financial Resp Type:	ILLINOIS UNION INSURANCE COMPANY
Inception Date:	09/01/2016
Expiration Date:	09/01/2019
Address 2:	Not reported
Policy Number:	PPL G28150052 001
Effective Date:	09/01/2016

PILOT TRAVEL CENTER #1173 (Continued) **1000838722**

Liability Limit Type:	Mktg, > 100 tanks; 1m per occurence, 2m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	08/20/2018
Latitude:	47.242111
Longitude:	-122.412389

297
NE
1/2-1
0.618 mi.
3262 ft.

Relative:
Lower

Actual:
12 ft.

PSE TACOMA HISTORICAL COAL GAS
2200 E RIVER ST
TACOMA, WA 98421

WA CSCSL **1000660345**
WA ALLSITES **WAD988500294**
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

CSCSL:

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	JOSEPH SIMON & SONS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	JOSEPH SIMON & SONS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Name:	SIMON & SONS TARPITS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1252
Region:	Southwest
Lat/Long:	47.24642 / -122.41536
Clean Up Siteid:	3553
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	JOSEPH SIMON & SONS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

ALLSITES:

Name:	PSE TACOMA HISTORICAL COAL GAS
Facility Id:	48791451
Name:	SIMON & SONS TARPITS
Facility Id:	1252

RCRA Listings:

Date Form Received by Agency:	2007-02-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Handler Address:	2200 E RIVER ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988500294
Contact Name:	LEA BOYLE
Contact Address:	6905 S 228TH ST SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Contact Telephone:	253-437-6789
Contact Fax:	Not reported
Contact Email:	LEA.BOYLE@PSE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6905 S 228TH ST SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Owner Name:	PUGET SOUND ENERGY
Owner Type:	Private
Operator Name:	RORK, JOHN

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 13:44:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENE P
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-0868
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN R
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WASHINGTON NATURAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1869
Owner/Operator City,State,Zip:	SEATTLE, WA 98111
Owner/Operator Telephone:	206-622-6767
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-9734
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RORK
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009-9734
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RORK, JOHN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	253-437-6766
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PSE TACOMA HISTORICAL COAL GAS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2200 E RIVER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	1997-03-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SECRIST, STEVE
Legal Status:	Private

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 97034
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PUGET SOUND ENERGY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 90868
Owner/Operator City,State,Zip:	BELLEVUE, WA 98009
Owner/Operator Telephone:	425-454-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RORK
Legal Status:	Private
Date Became Current:	1997-04-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6905 S 228TH ST
Owner/Operator City,State,Zip:	KENT, WA 98032
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-05-13 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-02 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-02-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1994-01-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1995-01-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1996-03-04 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-03-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-05-13 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-20 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-03-26 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-03 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-01 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-27 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-01-16 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Receive Date:	2004-02-19 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-02-25 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-01-25 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-02 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name:	TACOMA HISTORICAL COAL GAS SIT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-03-01 00:00:00.0
Handler Name:	WNG - TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	PSE TACOMA HISTORICAL COAL GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	2212
NAICS Description:	NATURAL GAS DISTRIBUTION

NAICS Code:	22121
NAICS Description:	NATURAL GAS DISTRIBUTION

Facility Has Received Notices of Violation:

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110009512009

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000660345
Registry ID:	110009512009
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009512009
Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421

WA MANIFEST:

Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	48791451
EPA ID:	WAD988500294
NAICS:	22121
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	Not reported
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	179010055
Business Type:	Not reported
Mail Name:	PSE Tacoma Historical Coal Gas
Mailing Address:	6905 S 228th St SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Legal Organization Name:	Puget Sound Energy
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 90868
Legal Address 2:	Not reported
Legal City,State,Zip:	BELLEVUE, WA 98009-0868
Legal Phone Number:	(425)454-6363
Legal Effective Date:	03/03/1997
Land Organization Name:	Puget Sound Energy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 90868
Land City,State,Zip:	BELLEVUE, WA 98009-0868
Land Phone Number:	(425)454-6363
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	John Rork
Operator Address:	6905 S 228th St
Operator Address 2:	Not reported
Operator City,State,Zip:	KENT, WA 98032
Operator Phone Number:	(253)437-6766
Operator Effective Date:	04/09/1997
Site Contact:	Lea Boyle
Site Contact Address:	6905 S 228th St SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Site Contact Phone Number:	(253)437-6789
Site Contact Email:	lea.boyle@pse.com
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	TRUE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported
Name:	PSE TACOMA HISTORICAL COAL GAS
Address:	2200 E RIVER ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	48791451
EPA ID:	WAD988500294
NAICS:	22121
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	179010055
Business Type:	Not reported
Mail Name:	PSE Tacoma Historical Coal Gas
Mailing Address:	6905 S 228th St SKC-WMF
Mailing City,State,Zip:	KENT, WA 98032
Legal Organization Name:	Puget Sound Energy
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	PO Box 90868
Legal Address 2:	Not reported
Legal City,State,Zip:	BELLEVUE, WA 98009-0868
Legal Phone Number:	(425)454-6363
Legal Effective Date:	03/03/1997
Land Organization Name:	Puget Sound Energy
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	PO Box 90868
Land City,State,Zip:	BELLEVUE, WA 98009-0868
Land Phone Number:	(425)454-6363
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	John Rork
Operator Address:	6905 S 228th St
Operator Address 2:	Not reported
Operator City,State,Zip:	KENT, WA 98032
Operator Phone Number:	(253)437-6766

PSE TACOMA HISTORICAL COAL GAS (Continued) **1000660345**

Operator Effective Date:	04/09/1997
Site Contact:	Lea Boyle
Site Contact Address:	6905 S 228th St SKC WMF
Contact City,State,Zip:	KENT, WA 98032
Site Contact Phone Number:	(253)437-6789
Site Contact Email:	lea.boyle@pse.com
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

298
WNW
1/2-1
0.626 mi.
3305 ft.

ROMAN MEAL COMPANY
2101 SO TACOMA WAY PO BOX 11126
TACOMA, WA 98411

WA CSCSL **U003354456**
WA UST **N/A**
WA ALLSITES

Relative:
Higher

Actual:
207 ft.

CSCSL:

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Arsenic
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest

ROMAN MEAL COMPANY (Continued) **U003354456**

Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

ROMAN MEAL COMPANY (Continued) **U003354456**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NALLEY VALLEY SELF STORAGE INC
Address:	2101 TACOMA WAY S
City,State,Zip:	TACOMA, WA 98411
Facility ID:	9985951
Region:	Southwest
Lat/Long:	47.2324229094 / -122.464657009
Clean Up Siteid:	14707
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ROMAN MEAL COMPANY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	ROMAN MEAL COMPANY
Address:	2101 SO TACOMA WAY PO BOX 11126
City:	TACOMA
Zip:	98411
Facility ID:	9985951
Site Id:	424
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2324229094
Decimal Longitude:	-122.464657009

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

ROMAN MEAL COMPANY (Continued) **U003354456**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	ROMAN MEAL COMPANY
Address:	2101 SO TACOMA WAY PO BOX 11126
City:	TACOMA
Zip:	98411

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	ROMAN MEAL COMPANY
Facility Id:	9985951

BU299 **PACIFIC QUICKSTOP** **WA HSL** **U003353183**
NW **1548 PACIFIC AVE** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA LUST**
0.681 mi. **WA UST**
3597 ft. **Site 1 of 2 in cluster BU** **WA ALLSITES**

Relative:
Higher

Actual:
63 ft.

HSL:

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE

PACIFIC QUICKSTOP (Continued) **U003353183**

edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 74455879
Rank: 2
Region: SW
EDR Link ID: 74455879
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Region: Southwest
Lat/Long: 47.24778 / -122.4375
Clean Up Siteid: 6609
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Region: Southwest
Lat/Long: 47.24778 / -122.4375
Clean Up Siteid: 6609
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402

PACIFIC QUICKSTOP (Continued) **U003353183**

Facility ID: 74455879
Region: Southwest
Lat/Long: 47.24778 / -122.4375
Clean Up Siteid: 6609
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6609
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section: Southwest
Release Date: 03/19/1990
Lust Date: 03/19/1990
Region: Southwest
Lust ID: 259
UST ID: 11157
Contaminant Name: Metals Priority Pollutants
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.24778 / -122.4375

Name: SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address: 1548 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 74455879
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 6609
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section: Southwest
Release Date: 03/19/1990
Lust Date: 03/19/1990
Region: Southwest

PACIFIC QUICKSTOP (Continued) **U003353183**

Lust ID:	259
UST ID:	11157
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Address:	1548 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	74455879
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6609
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	CHEVRON,DEPOT PARTNERSHIP PROPERTY,PACIFIC QUICKSTOP
Response Section:	Southwest
Release Date:	03/19/1990
Lust Date:	03/19/1990
Region:	Southwest
Lust ID:	259
UST ID:	11157
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24778 / -122.4375

UST:

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402
Facility ID:	74455879
Site Id:	11157
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24778
Decimal Longitude:	-122.4375

Tank Name:	1-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported

PACIFIC QUICKSTOP (Continued) **U003353183**

Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	2-GAS
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	3-GAS
Tag Number:	A4525
Tank Status:	Removed

PACIFIC QUICKSTOP (Continued) **U003353183**

Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	4-WASTE OIL
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	01/01/2000
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP

PACIFIC QUICKSTOP (Continued) **U003353183**

Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402
Tank Name:	5
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/01/1980
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported
Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402
Tank Name:	6
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1990
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)

PACIFIC QUICKSTOP (Continued) **U003353183**

Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	PACIFIC QUICKSTOP
Address:	1548 PACIFIC AVE
City:	TACOMA
Zip:	98402

Tank Name:	7
Tag Number:	A4525
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	05/05/1990
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	09/30/1995
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Dielectric Coated Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Annual
Tank Corrosion Protection:	Sacrificial Anode
Tank Manifold:	Not reported
Tank Release Detection:	Manual Inventory Control (daily)
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Gravity Delivery System (No Pump)
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY
Facility Id:	74455879

BU300 **PRAIRIE LINE TRAIL** **WA CSCSL** **S123096272**
NW **1547 PACIFIC AVE** **WA ALLSITES** **N/A**
1/2-1 **TACOMA, WA 98402**
0.687 mi.
3627 ft. **Site 2 of 2 in cluster BU**

Relative:
Lower

Actual:
55 ft.

CSCSL:

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup

PRAIRIE LINE TRAIL (Continued) **S123096272**

Contaminant Name: Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PRAIRIE LINE TRAIL
Address: 1547 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 82265
Region: Southwest
Lat/Long: 47.24761 / -122.43723
Clean Up Siteid: 14666
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PRAIRIE LINE TRAIL
Address: 1547 PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 82265
Region: Southwest
Lat/Long: 47.24761 / -122.43723
Clean Up Siteid: 14666
Site Status: Awaiting Cleanup
Contaminant Name: Other Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

PRAIRIE LINE TRAIL (Continued) **S123096272**

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	PRAIRIE LINE TRAIL
Address:	1547 PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	82265
Region:	Southwest
Lat/Long:	47.24761 / -122.43723
Clean Up Siteid:	14666
Site Status:	Awaiting Cleanup
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	PRAIRIE LINE TRAIL
Facility Id:	82265

301 NE 1/2-1 0.709 mi. 3741 ft. | **TACOMA TAR PITS**
PORTLAND AV & RIVER ST
TACOMA, WA 98402 | **SEMS, WA HSL, WA CSCSL, WA ALLSITES, CONSENT** | **1000334233**
WAD980723795

Relative: Lower

Actual: 13 ft.

SEMS:

Site ID:	1000965
EPA ID:	WAD980723795
Name:	TACOMA TAR PITS
Address:	PORTLAND AV & RIVER ST
Address 2:	Not reported
City,State,Zip:	TACOMA, WA 98402
Cong District:	06
FIPS Code:	53053
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Site is Part of NPL Site
Non NPL Status:	Not reported

SEMS Detail:

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1982-02-01 05:00:00
Finish Date:	2/1/1982 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1992-03-01 05:00:00
Finish Date:	4/22/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	PA

TACOMA TAR PITS (Continued) **1000334233**

Action Name:	PA
SEQ:	1
Start Date:	1982-04-01 05:00:00
Finish Date:	4/1/1982 5:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	10
Site ID:	1000965
EPA ID:	WAD980723795
Site Name:	TACOMA TAR PITS
NPL:	A
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1983-03-01 05:00:00
Finish Date:	3/1/1983 5:00:00 AM
Qual:	A
Current Action Lead:	EPA Perf

HSL:

Name:	TACOMA TAR PITS
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	CC-Perf. Monitoring
FSID Number:	221
Rank:	0
Region:	EPA
EDR Link ID:	221
Region Decode:	Not reported

CSCSL:

Name:	TACOMA TAR PITS
Address:	PORTLAND AVE & RIVER
City,State,Zip:	TACOMA, WA 98401
Facility ID:	221
Region:	Southwest
Lat/Long:	47.245667283647 / -122.4192900001
Clean Up Siteid:	622
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported

TACOMA TAR PITS (Continued) **1000334233**

Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

Name:	TACOMA TAR PITS
Address:	PORTLAND AVE & RIVER
City,State,Zip:	TACOMA, WA 98401
Facility ID:	221
Region:	Southwest
Lat/Long:	47.245667283647 / -122.4192900001
Clean Up Siteid:	622
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

Name:	TACOMA TAR PITS
Address:	PORTLAND AVE & RIVER
City,State,Zip:	TACOMA, WA 98401
Facility ID:	221
Region:	Southwest
Lat/Long:	47.245667283647 / -122.4192900001
Clean Up Siteid:	622
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	Not reported
Site Rank:	0 - NPL Site (Fed HRS Score)
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	EPA

Name:	TACOMA TAR PITS
Address:	PORTLAND AVE & RIVER
City,State,Zip:	TACOMA, WA 98401
Facility ID:	221
Region:	Southwest
Lat/Long:	47.245667283647 / -122.4192900001
Clean Up Siteid:	622

TACOMA TAR PITS (Continued) **1000334233**

Site Status: CC-Perf. Monitoring
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 0 - NPL Site (Fed HRS Score)
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: EPA

ALLSITES:
Name: TACOMA TAR PITS
Facility Id: 221

CONSENT:
EPA ID: WAD980723795
Site ID: Not reported
Case Title: Not reported
Court Num: Not reported
District: Not reported
Entered Date: Not reported
Name: US V. PUGET SOUND POWER & LIGHT CO.
Name: TACOMA TAR PITS
Address: PORTLAND AV & RIVER ST
City,State,Zip: TACOMA, WA 98402
County: PIERCE

302
ENE
1/2-1
0.719 mi.
3796 ft.

UNION PACIFIC RAILROAD, TACOMA YARD
2300 CLEVELAND WAY
TACOMA, WA 98421

WA CSCSL **S121970508**
WA ALLSITES **N/A**

Relative:
Lower

Actual:
15 ft.

CSCSL:
Name: UNION PACIFIC RAILROAD, TACOMA YARD
Address: 2300 CLEVELAND WAY
City,State,Zip: TACOMA, WA 98421
Facility ID: 67690
Region: Southwest
Lat/Long: 47.24402 / -122.41073
Clean Up Siteid: 14535
Site Status: Awaiting Cleanup
Contaminant Name: Benzene
Alternate Site Names: Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported

UNION PACIFIC RAILROAD, TACOMA YARD (Continued) **S121970508**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD, TACOMA YARD
Address:	2300 CLEVELAND WAY
City,State,Zip:	TACOMA, WA 98421
Facility ID:	67690
Region:	Southwest
Lat/Long:	47.24402 / -122.41073
Clean Up Siteid:	14535
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Union Pacific Railroad Tacoma Yard,Union Pacific Railroad,Tacoma Yard
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RAILROAD TACOMA YARD
Facility Id:	67690

303 NNW 1/2-1 0.726 mi. 3833 ft. | **DOCK STREET 1501 E DOCK ST TACOMA, WA 98401** | **WA HSL WA CSCSL WA LUST WA UST WA ALLSITES** | **U003732877 N/A**

Relative: Lower

Actual: 19 ft.

HSL:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	12454784
Rank:	3
Region:	SW
EDR Link ID:	12454784
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	1501 E DOCK ST
City,State,Zip:	TACOMA, WA 98401
Facility ID:	12454784
Region:	Southwest
Lat/Long:	47.24888 / -122.43522
Clean Up Siteid:	7940
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	DOCK STREET,DOCK STREET UST 529570,Tacoma City Dock St
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	TACOMA CITY OF 1501 DOCK ST
Address:	1501 E DOCK ST
City,State,Zip:	TACOMA, WA 98401
Facility ID:	12454784
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	7940
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	DOCK STREET,DOCK STREET UST 529570,Tacoma City Dock St
Response Section:	Southwest
Release Date:	08/10/2000
Lust Date:	06/06/2000

DOCK STREET (Continued) **U003732877**

Region:	Southwest
Lust ID:	5688
UST ID:	529570
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24888 / -122.43522

UST:

Name:	DOCK STREET
Address:	1501 E DOCK ST
City:	TACOMA
Zip:	98401
Facility ID:	12454784
Site Id:	529570
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24888
Decimal Longitude:	-122.43522

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	04/10/2000
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	TACOMA CITY DOCK ST
Facility Id:	12454784

304
North
1/2-1
0.726 mi.
3835 ft.

Relative:
Lower

Actual:
10 ft.

RAINIER RICHLITE CO
624 E 15TH ST
TACOMA, WA 98421

RCRA-VSQG **1000891764**
WA CSCSL **98421RNRPL624E1**
WA LUST
WA ALLSITES
TRIS
ICIS
US AIRS
FINDS
ECHO
CA HAZNET
WA MANIFEST
WA NPDES

RCRA Listings:

Date Form Received by Agency:	2019-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Handler Address:	624 E 15TH ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988506010
Contact Name:	CAROL BURGESS
Contact Address:	624 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-682-1119
Contact Fax:	Not reported
Contact Email:	CAROL@RICHLITE.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	WA
State District:	SWRO
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Owner Name:	RAINIER PLYWOOD
Owner Type:	Private
Operator Name:	RAINIER PLYWOOD CO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-04-12 19:10:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

RAINIER RICHLITE CO (Continued) **1000891764**

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: RAINIER PLYWOOD
Legal Status: Private
Date Became Current: 1996-05-03 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 624 E 15TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98421-1606
Owner/Operator Telephone: 253-383-5533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RAINIER PLYWOOD CO
Legal Status: Private
Date Became Current: 1997-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 624 E 15TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98421-1606
Owner/Operator Telephone: 253-383-5533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAINIER PLYWOOD
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 624 E 15TH ST
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 253-383-5533
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAINIER PLYWOOD
Legal Status: Private
Date Became Current: 1996-05-03 00:00:00.
Date Ended Current: Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD

RAINIER RICHLITE CO (Continued) **1000891764**

Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	2017-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD R
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD R
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-1606
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private

RAINIER RICHLITE CO (Continued) **1000891764**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
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Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	1996-05-03 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RAINIER PLYWOOD
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAINIER PLYWOOD CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	624 E 15TH ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-5533
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

RAINIER RICHLITE CO (Continued) **1000891764**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-19 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-10-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-04-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-02 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-13 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-18 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-04-29 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Receive Date:	2006-02-28 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-04 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-10 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-19 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-09 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-01-16 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2014-01-08 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

RAINIER RICHLITE CO (Continued) **1000891764**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-06 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-01-13 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2017-01-18 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-03-01 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2019-02-27 00:00:00.0
Handler Name:	RAINIER PLYWOOD

RAINIER RICHLITE CO (Continued) **1000891764**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	RAINIER PLYWOOD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322220
NAICS Description:	PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING

NAICS Code:	322222
NAICS Description:	COATED AND LAMINATED PAPER MANUFACTURING

RAINIER RICHLITE CO (Continued) **1000891764**

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2013-05-21 00:00:00.0
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-06-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2000-10-03 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2000-10-03 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2013-05-21 00:00:00.0
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2013-06-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Container Use and Management
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2000-10-03 00:00:00.0
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2000-10-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Large Quantity Handlers
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	2009-06-18 00:00:00.0
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2009-08-20 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC

RAINIER RICHLITE CO (Continued) **1000891764**

Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2000-10-03 00:00:00.0
Scheduled Compliance Date:	2000-10-03 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2013-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-06-26 00:00:00.0
Scheduled Compliance Date:	2013-07-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1995-11-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WALAB
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State

RAINIER RICHLITE CO (Continued) **1000891764**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2000-10-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2001-01-17 00:00:00.0
Scheduled Compliance Date:	2001-01-17 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0

RAINIER RICHLITE CO (Continued) **1000891764**

Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2009-09-22 00:00:00.0
Scheduled Compliance Date:	2009-09-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CSCSL:

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest
Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Other Non-Halogenated Organics
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest

RAINIER RICHLITE CO (Continued) **1000891764**

Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Region:	Southwest
Lat/Long:	47.25076 / -122.42438
Clean Up Siteid:	10604
Site Status:	Cleanup Started
Contaminant Name:	Phenolic Compounds
Alternate Site Names:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Phenolic Compounds
Ground Water:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Other Non-Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992
Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	81457934
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10604
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	RAINIER PLYWD DBA RAINIER RICHLITE,Rainier Plywood
Response Section:	Southwest
Release Date:	06/18/1992

RAINIER RICHLITE CO (Continued) **1000891764**

Lust Date:	05/11/2015
Region:	Southwest
Lust ID:	2075
UST ID:	1545
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.25076 / -122.42438

ALLSITES:

Name:	RAINIER PLYWOOD
Facility Id:	81457934

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	98421RNRPL624E1
Form Type:	Form R
Reporting year:	2018
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	PRESIDENT RODNEY BAUM
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2019-06-26
Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	RAINIER PLYWOOD CO
Mailing street:	624 E 15TH ST
Mailing province:	Not reported
Mailing City,State,Zip:	TACOMA, WA 98421
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	RODNEY BAUM
Public contact phone and Ext:	2533835533 111
Public contact email:	RODNEY@RICHLITE.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	322299
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Latitude:		47.250585
Longitude:		-122.424002
D and B number A:		009254871
D and B number B:		Not reported
RCRA number A:		WAD988506010
RCRA number B:		Not reported
RCRA number C:		Not reported
RCRA number D:		Not reported
RCRA number E:		Not reported
RCRA number F:		Not reported
RCRA number G:		Not reported
RCRA number H:		Not reported
NPDES number A:		WAR001971
NPDES number B:		Not reported
NPDES number C:		Not reported
NPDES number D:		Not reported
NPDES number E:		Not reported
NPDES number F:		Not reported
NPDES number G:		Not reported
Parent company name:		Not reported
Parent company D and B number:		Not reported
Standardized parent company name:		NA
Document control number:		1318217178920
TRI ID:		98421RNRPL624E1
Cas number:		000067561
Chemical name:	METHANOL	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		04
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		3315
Stack air emissions - release range code:		Not reported
Total stack air emissions:		3315
Stack air emissions - basis of estimate:		Other
Total air emissions:		3315
Discharges to stream a - stream name:		Not reported
Total discharges to stream a:		Not reported
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported
Discharges to stream c - basis of estimate:		Not reported
Discharges to stream c - % from stormwater:		Not reported
Discharges to stream d - stream name:		Not reported
Total discharges to stream d:		Not reported
Discharges to stream d - basis of estimate:		Not reported
Discharges to stream d - % from stormwater:		Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	3315
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	415758
Treated on site current year:	649622
Total on-site waste management:	1065380
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:		000067561
Document control number:		1318217178920
Chemical name:	METHANOL	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		No

RAINIER RICHLITE CO (Continued) **1000891764**

P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	3414
Other on-site releases - current year:	3315
Other on-site releases - following year:	3646
Other on-site releases - 2nd-following year:	3412
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	420631
Energy recovery on site current year:	415758
Energy recovery on site following year:	457338
Energy recovery on site 2nd-following year:	435124
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	657237
Quantity treated on site current year:	649622
Quantity treated on site following year:	714584
Quantity treated on site 2nd-following year:	676235
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000067561
Document control number:	1318217178920
Chemical name:	METHANOL
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	98421RNRPL624E1
Cas number:	000050000
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	NA
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	270
Stack air emissions - release range code:	Not reported
Total stack air emissions:	270
Stack air emissions - basis of estimate:	Other
Total air emissions:	270
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	270
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	32272
Treated on site current year:	50425
Total on-site waste management:	82697
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No

RAINIER RICHLITE CO (Continued) **1000891764**

As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	Yes
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA
Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421

RAINIER RICHLITE CO (Continued) **1000891764**

Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	261
Other on-site releases - current year:	270
Other on-site releases - following year:	297
Other on-site releases - 2nd-following year:	270
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	32743
Energy recovery on site current year:	32272
Energy recovery on site following year:	35499
Energy recovery on site 2nd-following year:	37112
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	51161
Quantity treated on site current year:	50425
Quantity treated on site following year:	55467
Quantity treated on site 2nd-following year:	57988

RAINIER RICHLITE CO (Continued) **1000891764**

Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000050000
Document control number:	1318217178918
Chemical name:	FORMALDEHYDE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:		98421RNRPL624E1
Cas number:		000108952
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
Metal ind:		NO
Revision code 1:		Not reported
Revision code 2:		Not reported
Maximum amount on site:		03
Fugitive air emissions - total release pounds:		NA
Fugitive air emissions - total release range code:		Not reported
Total fugitive air emissions:		0
Fugitive air emissions - basis of estimate:		Not reported
Stack air emissions - release pounds:		341
Stack air emissions - release range code:		Not reported
Total stack air emissions:		341
Stack air emissions - basis of estimate:		Other
Total air emissions:		341
Discharges to stream a - stream name:		Not reported
Total discharges to stream a:		Not reported
Discharges to stream a - basis of estimate:		Not reported
Discharges to stream a - % from stormwater:		Not reported
Discharges to stream b - stream name:		Not reported
Total discharges to stream b:		Not reported
Discharges to stream b - basis of estimate:		Not reported
Discharges to stream b - % from stormwater:		Not reported
Discharges to stream c - stream name:		Not reported
Total discharges to stream c:		Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	341
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0

RAINIER RICHLITE CO (Continued) **1000891764**

Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	90588
Treated on site current year:	141543
Total on-site waste management:	232131
On-site energy recovery method 1:	Industrial Furnace
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Industrial Furnace
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110001916767
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:		000108952
Document control number:		1318217178932
Chemical name:	PHENOL	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No

RAINIER RICHLITE CO (Continued) **1000891764**

Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	Yes
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	Yes
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	RAINIER PLYWOOD CO
Submitted Street:	624 E 15TH ST
Submitted City:	TACOMA

RAINIER RICHLITE CO (Continued) **1000891764**

Submitted County:	PIERCE
Submitted State:	WA
Submitted Zip Code:	98421
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	Not reported
Submitted Parent Company DB Number:	Not reported
Submitted Standardized Parent Company Name:	NA
Submitted Primary NAICS Code:	322299
Submitted Industry Code:	322
Submitted Industry Name:	Paper
Industry Code:	322
Industry Name:	Paper
Last year the facility reported:	2018
First year the facility reported:	2001
Number of forms submitted:	3
Total number of forms submitted:	54

Detailed Source Reduction Activities and Methods:

Cas number:	000108952
Document control number:	1318217178932
Chemical name: PHENOL	
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	330
Other on-site releases - current year:	341
Other on-site releases - following year:	375
Other on-site releases - 2nd-following year:	360
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	91910
Energy recovery on site current year:	90588
Energy recovery on site following year:	99646
Energy recovery on site 2nd-following year:	95466
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	143610

RAINIER RICHLITE CO (Continued) **1000891764**

Quantity treated on site current year:	141543
Quantity treated on site following year:	155697
Quantity treated on site 2nd-following year:	151234
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1
Prod ratio or activity:	PRODUCTION
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000108952
Document control number:	1318217178932
Chemical name:	PHENOL
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Incineration--thermal destruction other than use as a fuel
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

ICIS:

Enforcement Action ID:	WAPSCA0000530530021800054
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800054
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800040
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800040
Facility Name:	RAINIER RICHLITE CO

RAINIER RICHLITE CO (Continued) **1000891764**

Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800036
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800036
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800027
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800027
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800024

RAINIER RICHLITE CO (Continued) **1000891764**

FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800024
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Administrative Order
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800019
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800019
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800018
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800018
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220

RAINIER RICHLITE CO (Continued) **1000891764**

Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800016
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800016
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800014
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800014
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800011
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800011
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487

RAINIER RICHLITE CO (Continued) **1000891764**

Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800010
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800010
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800009
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800009
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800007
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800007
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	WAPSCA0000530530021800003
FRS ID:	110001916767
Action Name:	RAINIER RICHLITE CO 530530021800003
Facility Name:	RAINIER RICHLITE CO
Facility Address:	624 E 15TH ST TACOMA, WA 98421
Enforcement Action Type:	Notice of Violation
Facility County:	PIERCE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.25062
Longitude in Decimal Degrees:	-122.42487
Permit Type Desc:	Not reported
Program System Acronym:	WAPSC0005305300218
Facility NAICS Code:	322220
Tribal Land Code:	Not reported

Enforcement Action ID:	10-2006-0346
FRS ID:	110001916767
Action Name:	RAINIER PLYWOOD CO DBA RICHLITE CO
Facility Name:	RICHLITE
Facility Address:	624 E 15TH STREET TACOMA, WA 98421
Enforcement Action Type:	EPCRA 325 Action For Penalty
Facility County:	PIERCE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	325
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	47.2508
Longitude in Decimal Degrees:	-122.424
Permit Type Desc:	Not reported
Program System Acronym:	200000371
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO
Address:	624 E 15TH ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	RAINIER PLYWOOD CO

RAINIER RICHLITE CO (Continued) **1000891764**

Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: RAINIER PLYWOOD CO
Address: 624 E 15TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

US AIRS (AFS):
Envid: 1000891764
Region Code: 10
County Code: WA053
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
D and B Number: Not reported
Facility Site Name: RAINIER RICHLITE CO
Primary SIC Code: Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

NAICS Code: 322220
Default Air Classification Code: MAJ
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2014-10-21 00:00:00
Activity Status Date: 2014-12-11 17:03:40
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2015-08-24 00:00:00
Activity Status Date: 2015-09-11 16:55:19
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2016-05-26 00:00:00
Activity Status Date: 2016-07-08 16:32:09
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2011-05-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767

RAINIER RICHLITE CO (Continued) **1000891764**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2011-05-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2011-11-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-05-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-06 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-01-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-02-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-04-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-09-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 2013-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2013-10-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2014-04-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2014-05-05 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	Federally-Enforceable State Operating Permit - Non Title V
Activity Date:	2012-06-07 00:00:00
Activity Status Date:	2012-06-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Date:	Not reported
Activity Status Date:	2005-12-16 00:00:00
Activity Group:	Case File
Activity Type:	Case File
Activity Status:	Resolved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1998-02-23 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-03-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-09-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-01-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767

RAINIER RICHLITE CO (Continued) **1000891764**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-04-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-05-26 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-07-19 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-08-09 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-09-16 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-10-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-04-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

RAINIER RICHLITE CO (Continued) **1000891764**

Activity Date:	2010-08-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-10-07 00:00:00
Activity Status Date:	2005-10-07 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-12-13 00:00:00
Activity Status Date:	2005-12-13 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-09-18 00:00:00
Activity Status Date:	2008-09-18 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-03-29 00:00:00
Activity Status Date:	2004-03-29 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767

RAINIER RICHLITE CO (Continued) **1000891764**

Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-01-24 00:00:00
Activity Status Date:	2005-01-24 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-04-14 00:00:00
Activity Status Date:	2005-04-14 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-05-23 00:00:00
Activity Status Date:	2005-05-23 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-06-02 00:00:00
Activity Status Date:	2005-06-02 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

Region Code:	10
Programmatic ID:	AIR WAPSC0005305300218
Facility Registry ID:	110001916767
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-07-20 00:00:00
Activity Status Date:	2005-07-20 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

RAINIER RICHLITE CO (Continued) **1000891764**

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-29 00:00:00
Activity Status Date: 2005-08-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-09-23 00:00:00
Activity Status Date: 2005-09-23 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-10-04 00:00:00
Activity Status Date: 2005-10-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 10
Programmatic ID: AIR WAPSC0005305300218
Facility Registry ID: 110001916767
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-07-16 00:00:00
Activity Status Date: 2008-07-16 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:
Registry ID: 110001916767

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington

RAINIER RICHLITE CO (Continued) **1000891764**

Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR EMISSIONS CLASSIFICATION UNKNOWN
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
AIR MAJOR
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000891764
Registry ID: 110001916767
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001916767

RAINIER RICHLITE CO (Continued) **1000891764**

Name: RAINIER RICHLITE
Address: 624 E 15TH ST
City,State,Zip: TACOMA, WA 98421

HAZNET:
Name: RAINIER PLYWOOD
Address: 624 E 15TH ST
Address 2: Not reported
City,State,Zip: TACOMA, WA 984211606
Contact: SHAWN ODAY
Telephone: 2533835533
Mailing Name: Not reported
Mailing Address: 624 E 15TH ST

Year: 2009
Gepaid: WAD988506010
TSD EPA ID: CAD980884183
CA Waste Code: 271 - Organic monomer waste (includes unreacted resins)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.6687

Year: 2008
Gepaid: WAD988506010
TSD EPA ID: CAD980884183
CA Waste Code: 271 - Organic monomer waste (includes unreacted resins)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.68805

Year: 2008
Gepaid: WAD988506010
TSD EPA ID: CAD980884183
CA Waste Code: 271 - Organic monomer waste (includes unreacted resins)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.834

Year: 1995
Gepaid: WAD988506010
TSD EPA ID: CAD009452657
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0.2502

Year: 1995
Gepaid: WAD988506010
TSD EPA ID: CAD009452657
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: R01 - Recycler
Tons: 4.0925

Additional Info:
Year: 2008
Gen EPA ID: WAD988506010

RAINIER RICHLITE CO (Continued) **1000891764**

Shipment Date:	20080912
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080918
Manifest ID:	001365724JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080219
Creation Date:	5/5/2008 18:30:17
Receipt Date:	20080225
Manifest ID:	001368721JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY INC
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	WAD988506010

Shipment Date:	19950420
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950428
Manifest ID:	95024129

RAINIER RICHLITE CO (Continued) **1000891764**

Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	1.7225
Waste Quantity:	3445
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950420
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950428
Manifest ID:	95024129
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	2.37
Waste Quantity:	4740
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950109
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950331
Manifest ID:	93523924
Trans EPA ID:	WAD988513032
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009452657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	WAD988506010
Shipment Date:	20091117
Creation Date:	2/3/2010 18:30:16
Receipt Date:	20091207
Manifest ID:	001364694JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	420
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090903
Creation Date:	10/12/2009 18:30:08
Receipt Date:	20090915
Manifest ID:	001365916JJK
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4587

RAINIER RICHLITE CO (Continued) **1000891764**

Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WA MANIFEST:

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO

RAINIER RICHLITE CO (Continued) **1000891764**

Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421
Operator Phone Number:	(253)383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Not reported
Site Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Site Contact Phone Number:	Not reported
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Jose Ramirez
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	2533200761
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010

RAINIER RICHLITE CO (Continued) **1000891764**

NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2016
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False

RAINIER RICHLITE CO (Continued) **1000891764**

One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood

RAINIER RICHLITE CO (Continued) **1000891764**

Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322220
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,F003
Form Comm:	Not reported
Data Year:	2014
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False

RAINIER RICHLITE CO (Continued) **1000891764**

Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001 F003
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St

RAINIER RICHLITE CO (Continued) **1000891764**

Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False

RAINIER RICHLITE CO (Continued) **1000891764**

Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported
Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST

RAINIER RICHLITE CO (Continued) **1000891764**

Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RAINIER PLYWOOD
Address:	624 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1606
Facility Address 2:	Not reported
Facility ID:	81457934
EPA ID:	WAD988506010
NAICS:	322222
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278013246
Business Type:	Not reported

RAINIER RICHLITE CO (Continued) **1000891764**

Mail Name:	Rainier Plywood
Mailing Address:	624 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1606
Legal Organization Name:	Rainier Plywood
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	624 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1606
Legal Phone Number:	(253)383-5533
Legal Effective Date:	05/03/1996
Land Organization Name:	Rainier Plywood
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	624 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1606
Land Phone Number:	(253)383-5533
Operator Organization Name:	RAINIER PLYWOOD CO
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	624 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1606
Operator Phone Number:	253-383-5533
Operator Effective Date:	01/01/1997
Site Contact:	Shawn ODay
Site Contact Address:	624 E 15th St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-5533
Site Contact Email:	Not reported
Gen Status Code:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

NPDES:

Name:	RAINIER PLYWD DBA RAINIER RICHLITE
Address:	624 E 15TH ST -
City,State,Zip:	TACOMA, WA 98421-1606
Facility Status:	Active
Facility Type:	Industrial SW GP

RAINIER RICHLITE CO (Continued) **1000891764**

Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	47.25076
Longitude:	-122.42438
Permit ID:	WAR001971
Permit Version:	5
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Paul Stasch
WRIA:	Puyallup-White
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

305
NNW
1/2-1
0.738 mi.
3898 ft.

Relative:
Lower

Actual:
5 ft.

J M MARTINAC SHIPBUILDING CORPORATION
401 E 15TH ST
TACOMA, WA 98421

WA CSCSL **U001122318**
WA UST **N/A**
WA INST CONTROL
WA ALLSITES
WA SPILLS
WA MANIFEST

CSCSL:

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1375
Region:	Southwest
Lat/Long:	47.250072857562 / -122.4301493773
Clean Up Siteid:	144
Site Status:	Cleanup Started
Contaminant Name:	Not reported
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

UST:

Name:	J M MARTINAC SHIPBUILDING CORPORATION
Address:	401 E 15TH ST
City:	TACOMA
Zip:	98421
Facility ID:	1375
Site Id:	7136
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2500728575621
Decimal Longitude:	-122.430149377393

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1968
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	None
Tank Overfill Prevention:	None
Tank Material:	Not reported
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	None
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Single Wall Pipe
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	None
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

INST CONTROL:

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001590, 0320041054
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	True

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	True
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001560
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	True
Prohibit New Building Construction:	True
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	True
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	320041017
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	True
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Soil
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	True
Access Barrier:	False

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	1375
Latitude:	47.250072858
Longitude:	-122.43014938
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0070315127e+011
Filing Date Of Individual IC Doc:	03/15/2007
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	J M Martinac,J M MARTINAC SHIPBUILDING CORPORATION,JM MARTINAC,MARTINAC BEACH,MARTINAC CROSS MEMBER REPLACEMENT
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	320041054
Control Active:	True
CS ID:	144
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	True
Prohibit Removal/Alteration of Buildings:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Sediment
Restrict All Ground Water Use:	False
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	JM MARTINAC SHIPBUILDING CORP
Facility Id:	1375

SPILLS:

Name:	JM SHIP BUILDING
Address:	401 E. 15TH STREET
City,State,Zip:	TACOMA, WA
Facility ID:	632496
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	03/07/2012
Contact Name:	Henderson
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	J M MARTINAC SHIPBUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	614056
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - MOTOR OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	07/16/2009
Contact Name:	PALMER
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	J M MARTINAC SHIP BUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	548734
Medium:	Not reported
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	06/15/2005
Contact Name:	Not reported
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	Not reported
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	601911
Medium:	Not reported
Material Desc:	PETROLEUM - UNKNOWN
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	11/09/2007
Contact Name:	UNKNOWN
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Name:	JM MARTINAC SHIPBUILDING
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA
Facility ID:	564226
Medium:	Not reported
Material Desc:	PETROLEUM - LUBE OIL
Material Qty:	1
Material Units:	GALLON
Date Received:	08/01/2007
Contact Name:	LEGAS
Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

WA MANIFEST:

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	No waste generated in 2017. The property was sold in 2018.
Data Year:	2017
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Lisa Smith
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	206-965-1881
Site Contact Email:	Lisa@alaskanleader.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	WT02,WPCB,WSC2
Federal Waste Code Desc:	D002,D007,D011,D010,D008,D001,D035,U080,D005,D006,D018
Form Comm:	Not reported
Data Year:	2016

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Lisa Smith
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	206-965-1881
Site Contact Email:	Lisa@alaskanleader.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	True
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	potassium hydroxide solution
CORb Sequence Number:	161647
Sequence Number:	3461241
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	310
Quanity Unit:	GAL
Kilograms Quanity:	1054.62001
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	WPCB
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W206
Description:	oil w PCBs
CORb Sequence Number:	161647
Sequence Number:	3461259
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	286
Quanity Unit:	GAL
Kilograms Quanity:	972.972016
Density Number:	7.5
Density Quanity:	PPG

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 6.1 LP for incin. w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461260
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	50
Quanity Unit:	LB
Kilograms Quanity:	22.6800003
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 8 basic loosepack
CORb Sequence Number:	161647
Sequence Number:	3461247
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	130
Quanity Unit:	LB
Kilograms Quanity:	58.9680010
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	WPCB
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W310
Description:	oil filters w free liquid contaminated with PCB oil <20ppm
CORb Sequence Number:	161647
Sequence Number:	3461254
Mixed Radioactive Flag:	False
Designation Code:	D

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	class 6.1 LP for incin. w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461261
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	LB
Kilograms Quanity:	4.53600007
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	flammable diisocyanates/ptb loosepack
CORb Sequence Number:	161647
Sequence Number:	3461257
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	743
Quanity Unit:	LB
Kilograms Quanity:	337.024805
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W801
Description:	class 2.1 aerosols
CORb Sequence Number:	161647
Sequence Number:	3461258
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	251
Quanity Unit:	LB
Kilograms Quanity:	113.853601
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	phosphoric acid 90%
CORb Sequence Number:	161647
Sequence Number:	3461243
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	90
Quanity Unit:	GAL
Kilograms Quanity:	306.180005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	non rcra loosepack w VOCs
CORb Sequence Number:	161647
Sequence Number:	3461244
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1215
Quanity Unit:	LB
Kilograms Quanity:	551.124009
Density Number:	0

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	Class 8 acidic loosepack
CORb Sequence Number:	161647
Sequence Number:	3461246
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	60
Quanity Unit:	LB
Kilograms Quanity:	27.2160004
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	161647
Waste Sequence Number:	3461263
Sequence Number:	2050968
Shipment Date:	2016-03-23 00:00:00
Mainfest Document ID:	009102882FLE
Reported Quanity:	748
Unit of Measure:	LB
Kilograms Quanity:	339.292805
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3461247
Sequence Number:	2050945
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	30
Unit of Measure:	LB
Kilograms Quanity:	13.6080002
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461246
Sequence Number:	2050940
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3461245
Sequence Number:	2050939
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461246
Sequence Number:	2050941
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	5
Unit of Measure:	LB
Kilograms Quanity:	2.26800003
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461254
Sequence Number:	2050953
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282828
Reported Quanity:	10
Unit of Measure:	LB
Kilograms Quanity:	4.53600007
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461255
Sequence Number:	2050954
Shipment Date:	2016-05-26 00:00:00
Mainfest Document ID:	008282827FLE
Reported Quanity:	234
Unit of Measure:	LB
Kilograms Quanity:	106.142401
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461241
Sequence Number:	2050926
Shipment Date:	2016-03-23 00:00:00
Mainfest Document ID:	009102883FLE
Reported Quanity:	200
Unit of Measure:	GAL
Kilograms Quanity:	680.400011
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3461259
Sequence Number:	2050958
Shipment Date:	2016-04-05 00:00:00
Mainfest Document ID:	008281670FLE
Reported Quanity:	286
Unit of Measure:	GAL
Kilograms Quanity:	972.972016
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3461258
Sequence Number:	2050957
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	008282827FLE
Reported Quanity:	251
Unit of Measure:	LB
Kilograms Quanity:	113.853601

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Receiving EPAID:	WAD981769110
Waste Sequence Number:	3461245
Sequence Number:	2050937
Shipment Date:	2016-02-22 00:00:00
Mainfest Document ID:	009102730FLE
Reported Quanity:	50
Unit of Measure:	LB
Kilograms Quanity:	22.6800003
Receiving EPAID:	IDD073114654

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	161647
Waste Sequence Number:	3461249
Sequence Number:	933735
Received EPAID:	IDD073114654
Managed Quanity:	20
Kilogram Quanity:	9.07200015
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461251
Sequence Number:	933737
Received EPAID:	IDD073114654
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461266
Sequence Number:	933753
Received EPAID:	WAD991281767
Managed Quanity:	10
Kilogram Quanity:	4.53600007
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3461243
Sequence Number:	933728
Received EPAID:	IDD073114654
Managed Quanity:	90
Kilogram Quanity:	306.180005
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461257
Sequence Number:	933743
Received EPAID:	WAD981769110
Managed Quanity:	743
Kilogram Quanity:	337.024805
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3461258
Sequence Number:	933744
Received EPAID:	WAD981769110
Managed Quanity:	251

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilogram Quanity:	113.853601
Recycled Percentage:	Not reported
Waste Management System Code:	H141
Waste Sequence Number:	3461241
Sequence Number:	933727
Received EPAID:	IDD073114654
Managed Quanity:	310
Kilogram Quanity:	1054.62001
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461259
Sequence Number:	933745
Received EPAID:	WAD981769110
Managed Quanity:	286
Kilogram Quanity:	972.972016
Recycled Percentage:	Not reported
Waste Management System Code:	H061
Waste Sequence Number:	3461260
Sequence Number:	933747
Received EPAID:	UTD981552177
Managed Quanity:	50
Kilogram Quanity:	22.6800003
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461247
Sequence Number:	933733
Received EPAID:	IDD073114654
Managed Quanity:	130
Kilogram Quanity:	58.9680010
Recycled Percentage:	Not reported
Waste Management System Code:	H132
Waste Sequence Number:	3461254
Sequence Number:	933740
Received EPAID:	IDD073114654
Managed Quanity:	10
Kilogram Quanity:	4.53600007
Recycled Percentage:	Not reported
Waste Management System Code:	H132

Waste Stream Comments:

CORB Waste Sequence Number:	161647
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461241
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461243
Sequence Number:	1
Comments:	A-7 - cleanup of disused facility
Waste Sequence Number:	3461244
Sequence Number:	1

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461245
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461246
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461247
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461248
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461249
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461250
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461251
Sequence Number: 1

Comments: A-7 - cleanup of disused facility
Waste Sequence Number: 3461252
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 161647
Waste Sequence Number: 3461247
Sequence Number: 8087362
WCDA Code: D002

Waste Sequence Number: 3461254
Sequence Number: 8087277
WCDA Code: D008

Waste Sequence Number: 3461261
Sequence Number: 8087308
WCDA Code: U080

Waste Sequence Number: 3461249
Sequence Number: 8087269
WCDA Code: D001

Waste Sequence Number: 3461251
Sequence Number: 8087272
WCDA Code: D008

Waste Sequence Number: 3461262
Sequence Number: 8087311
WCDA Code: D001

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number: 3461264
Sequence Number: 8087342
WCDA Code: D001

Waste Sequence Number: 3461264
Sequence Number: 8087343
WCDA Code: D005

Waste Sequence Number: 3461264
Sequence Number: 8087344
WCDA Code: D006

Waste Sequence Number: 3461264
Sequence Number: 8087345
WCDA Code: D007

Waste Sequence Number: 3461264
Sequence Number: 8087346
WCDA Code: D008

Waste Stream Source Code:
CORB Waste Sequence Number: 161647
Waste Sequence Number: 3461256
Sequence Number: 1
WCDD Code: G06

Waste Sequence Number: 3461259
Sequence Number: 1
WCDD Code: G14

Waste Sequence Number: 3461262
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461263
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461264
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461266
Sequence Number: 1
WCDD Code: G11

Waste Sequence Number: 3461241
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3461243
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3461244
Sequence Number: 1
WCDD Code: G19

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3461245
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3461246
Sequence Number:	1
WCDD Code:	G19
Name:	WASHINGTON LANDMARK HOLDINGS LLC
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	551111
State Waste Code Desc:	WT02
Federal Waste Code Desc:	D001,D002,D008
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	603422216
Business Type:	Real Estate Holding
Mail Name:	Washington Landmark Holdings LLC
Mailing Address:	8874 Bender Rd #201
Mailing City,State,Zip:	Lynden, WA 98264
Legal Organization Name:	Washington Landmark Holdings LLC
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	8874 Bender Rd #201
Legal Address 2:	Not reported
Legal City,State,Zip:	Lynden, WA 98264
Legal Phone Number:	360-318-1280
Legal Effective Date:	07/18/2014
Land Organization Name:	Washington Landmark Holdings LLC
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	8874 Bender Rd #201
Land City,State,Zip:	Lynden, WA 98264
Land Phone Number:	360-318-1280
Operator Organization Name:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Operator Organization Type:	Private
Operator:	Robert J Wurm
Operator Address:	8874 Bender Rd #201
Operator Address 2:	Not reported
Operator City,State,Zip:	Lynden, WA 98264
Operator Phone Number:	360-318-1280
Operator Effective Date:	07/18/2014
Site Contact:	Curtis Foster
Site Contact Address:	8874 Bender Rd #201
Contact City,State,Zip:	Lynden, WA 98264
Site Contact Phone Number:	360-318-1280
Site Contact Email:	curtisf.foster@yahoo.com
Gen Status Code:	MQG
Monthly Generation:	False
Batch Generation:	True
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	NON RCRA OVERPACK NO VOCS
CORb Sequence Number:	156031
Sequence Number:	3402277
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	16
Quanity Unit:	LB
Kilograms Quanity:	7.25760012
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Potassium hydroxide solution
CORb Sequence Number:	156031
Sequence Number:	3402343
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W219
Description:	Lubriplate Neptune Launching Slip Coat
CORb Sequence Number:	156031
Sequence Number:	3402350
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	4916
Quanity Unit:	LB
Kilograms Quanity:	2229.89763
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W606
Description:	Henkel 4215 Epoxy Resin
CORb Sequence Number:	156031
Sequence Number:	3402352
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	54
Quanity Unit:	GAL

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Kilograms Quanity:	183.708003
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W001
Description:	NON RCRA OVERPACK w/ VOCS
CORb Sequence Number:	156031
Sequence Number:	3402344
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	200
Quanity Unit:	LB
Kilograms Quanity:	90.7200015
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	325 Solvent
CORb Sequence Number:	156031
Sequence Number:	3402351
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	10
Quanity Unit:	GAL
Kilograms Quanity:	34.0200005
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

WCDE On Site Code:	Not reported
WCDB Code:	W103
Description:	Phosphoric Acid, 90%
CORb Sequence Number:	156031
Sequence Number:	3402334
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	220
Quanity Unit:	GAL
Kilograms Quanity:	748.440012
Density Number:	7.5
Density Quanity:	PPG
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W210
Description:	Unsaturated polyester resin
CORb Sequence Number:	156031
Sequence Number:	3402347
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	443
Quanity Unit:	LB
Kilograms Quanity:	200.944803
Density Number:	0
Density Quanity:	Not reported
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W203
Description:	Lubemaster chain and cable conditioner
CORb Sequence Number:	156031
Sequence Number:	3402348
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	8
Quanity Unit:	GAL
Kilograms Quanity:	27.2160004
Density Number:	7.5
Density Quanity:	PPG

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W211
Description:	Asphalt Tar semi-hardened
CORb Sequence Number:	156031
Sequence Number:	3402354
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1458
Quanity Unit:	LB
Kilograms Quanity:	661.348811
Density Number:	0
Density Quanity:	Not reported

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W110
Description:	Purple Dragon Degreaser
CORb Sequence Number:	156031
Sequence Number:	3402356
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	110
Quanity Unit:	GAL
Kilograms Quanity:	374.220006
Density Number:	7.5
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	156031
Waste Sequence Number:	3402355
Sequence Number:	1976228
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407581FLE
Reported Quanity:	111
Unit of Measure:	LB
Kilograms Quanity:	50.3496008
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3402342
Sequence Number:	1976207

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	5
Unit of Measure:	GAL
Kilograms Quanity:	17.0100002
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3402353
Sequence Number:	1976226
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	267
Unit of Measure:	GAL
Kilograms Quanity:	908.334015
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3402334
Sequence Number:	1976205
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	220
Unit of Measure:	GAL
Kilograms Quanity:	748.440012
Receiving EPAID:	IDD073114654

Waste Sequence Number:	3402348
Sequence Number:	1976218
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407581FLE
Reported Quanity:	8
Unit of Measure:	GAL
Kilograms Quanity:	27.2160004
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3402347
Sequence Number:	1976216
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407581FLE
Reported Quanity:	165
Unit of Measure:	LB
Kilograms Quanity:	74.8440012
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3402347
Sequence Number:	1976217
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	278
Unit of Measure:	LB
Kilograms Quanity:	126.100802
Receiving EPAID:	WAD981769110

Waste Sequence Number:	3402351
Sequence Number:	1976224
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	10

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Unit of Measure:	GAL
Kilograms Quanity:	34.0200005
Receiving EPAID:	WAD981769110
Waste Sequence Number:	3402344
Sequence Number:	1976214
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407582FLE
Reported Quanity:	200
Unit of Measure:	LB
Kilograms Quanity:	90.7200015
Receiving EPAID:	IDD073114654
Waste Sequence Number:	3402356
Sequence Number:	1976229
Shipment Date:	2015-09-11 00:00:00
Mainfest Document ID:	008407580FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	374.220006
Receiving EPAID:	UTD981552177
Waste Sequence Number:	3402354
Sequence Number:	1976227
Shipment Date:	2015-11-18 00:00:00
Mainfest Document ID:	009103172FLE
Reported Quanity:	1458
Unit of Measure:	LB
Kilograms Quanity:	661.348811
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	156031
Waste Sequence Number:	3402351
Sequence Number:	897693
Received EPAID:	WAD981769110
Managed Quanity:	10
Kilogram Quanity:	34.0200005
Recycled Percentage:	0
Waste Management System Code:	H061
Waste Sequence Number:	3402344
Sequence Number:	897683
Received EPAID:	IDD073114654
Managed Quanity:	200
Kilogram Quanity:	90.7200015
Recycled Percentage:	0
Waste Management System Code:	H132
Waste Sequence Number:	3402348
Sequence Number:	897687
Received EPAID:	WAD981769110
Managed Quanity:	8
Kilogram Quanity:	27.2160004
Recycled Percentage:	0
Waste Management System Code:	H061

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number: 3402347
Sequence Number: 897686
Received EPAID: WAD981769110
Managed Quanity: 443
Kilogram Quanity: 200.944803
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3402356
Sequence Number: 897706
Received EPAID: UTD981552177
Managed Quanity: 110
Kilogram Quanity: 374.220006
Recycled Percentage: 0
Waste Management System Code: H040

Waste Sequence Number: 3402354
Sequence Number: 897699
Received EPAID: WAD981769110
Managed Quanity: 1458
Kilogram Quanity: 661.348811
Recycled Percentage: 0
Waste Management System Code: H061

Waste Sequence Number: 3402355
Sequence Number: 897700
Received EPAID: WAD981769110
Managed Quanity: 111
Kilogram Quanity: 50.3496008
Recycled Percentage: 0
Waste Management System Code: H141

Waste Sequence Number: 3402334
Sequence Number: 897680
Received EPAID: IDD073114654
Managed Quanity: 220
Kilogram Quanity: 748.440012
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402345
Sequence Number: 897684
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402346
Sequence Number: 897685
Received EPAID: IDD073114654
Managed Quanity: 55
Kilogram Quanity: 187.110003
Recycled Percentage: 0
Waste Management System Code: H132

Waste Sequence Number: 3402349

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number: 897688
Received EPAID: WAD981769110
Managed Quanity: 46
Kilogram Quanity: 156.492002
Recycled Percentage: 0
Waste Management System Code: H061

Waste Stream Comments:
CORB Waste Sequence Number: 156031
Comments: A-7 - removing spent/unused waste chemicals at closed facility
Waste Sequence Number: 3402277
Sequence Number: 1

Comments: Removing spent/unused chemicals at closed facility
Waste Sequence Number: 3402334
Sequence Number: 1

Comments: Removing spent & unused chemicals at a closed facility
Waste Sequence Number: 3402342
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402343
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402344
Sequence Number: 1

Comments: Removing spent & unused chemicals from closed facility
Waste Sequence Number: 3402345
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402346
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402347
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402348
Sequence Number: 1

Comments: A-7 Removing spent & unused chemicals from a closed facility A-8 Organic lubricant
Waste Sequence Number: 3402350
Sequence Number: 1

Comments: Removing spent & unused chemicals from a closed facility
Waste Sequence Number: 3402352
Sequence Number: 1

Waste Stream EPA Code:
CORB Waste Sequence Number: 156031

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number: 3402342
Sequence Number: 7831493
WCDA Code: D002

Waste Sequence Number: 3402353
Sequence Number: 7831599
WCDA Code: D001

Waste Sequence Number: 3402343
Sequence Number: 7831503
WCDA Code: D002

Waste Sequence Number: 3402346
Sequence Number: 7831512
WCDA Code: D002

Waste Sequence Number: 3402349
Sequence Number: 7831541
WCDA Code: D001

Waste Sequence Number: 3402349
Sequence Number: 7831542
WCDA Code: U002

Waste Sequence Number: 3402347
Sequence Number: 7831526
WCDA Code: D001

Waste Sequence Number: 3402348
Sequence Number: 7831533
WCDA Code: D001

Waste Sequence Number: 3402348
Sequence Number: 7831534
WCDA Code: D008

Waste Sequence Number: 3402354
Sequence Number: 7831627
WCDA Code: D001

Waste Sequence Number: 3402356
Sequence Number: 7831697
WCDA Code: D002

Waste Stream Source Code:
CORB Waste Sequence Number: 156031
Waste Sequence Number: 3402351
Sequence Number: 1
WCDD Code: G01

Waste Sequence Number: 3402277
Sequence Number: 1
WCDD Code: G19

Waste Sequence Number: 3402334
Sequence Number: 1
WCDD Code: G19

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3402342
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402343
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402344
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402345
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402346
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402347
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402348
Sequence Number:	1
WCDD Code:	G19
Waste Sequence Number:	3402350
Sequence Number:	1
WCDD Code:	G19

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035,F003, F005
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINTS, STILLBOTTOMS
CORb Sequence Number:	141332
Sequence Number:	3219718
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	550
Quanity Unit:	GAL
Kilograms Quanity:	2080.66323
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	1587438
Shipment Date:	2013-01-14 00:00:00
Mainfest Document ID:	005628701FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Sequence Number:	3219718
Sequence Number:	1587439
Shipment Date:	2013-02-11 00:00:00
Mainfest Document ID:	005568116FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Sequence Number:	3219718
Sequence Number:	1587440
Shipment Date:	2013-04-22 00:00:00
Mainfest Document ID:	005564829FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Sequence Number:	3219718
Sequence Number:	1587441
Shipment Date:	2013-06-10 00:00:00
Mainfest Document ID:	006548828FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Waste Sequence Number:	3219718
Sequence Number:	1587442
Shipment Date:	2013-07-08 00:00:00
Mainfest Document ID:	006549025
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	774258
Received EPAID:	NED981723513
Managed Quanity:	550
Kilogram Quanity:	2080.66323
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	7112804
WCDA Code:	D001
Waste Sequence Number:	3219718
Sequence Number:	7112805
WCDA Code:	D035
Waste Sequence Number:	3219718
Sequence Number:	7112806
WCDA Code:	F003
Waste Sequence Number:	3219718
Sequence Number:	7112807
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	141332
Waste Sequence Number:	3219718
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	Spent Paints, Stillbottom
CORb Sequence Number:	137176
Sequence Number:	2670128
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	2550
Quanity Unit:	LB
Kilograms Quanity:	1156.68001
Density Number:	0
Density Quanity:	Not reported

Shipments Send:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	1381952
Shipment Date:	2012-04-30 00:00:00
Mainfest Document ID:	004468392FLE
Reported Quanity:	550
Unit of Measure:	LB
Kilograms Quanity:	249.480004
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2670128
Sequence Number:	1381922
Shipment Date:	2012-02-13 00:00:00
Mainfest Document ID:	005272631FLE
Reported Quanity:	1000
Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2670128
Sequence Number:	1381953
Shipment Date:	2012-10-15 00:00:00
Mainfest Document ID:	005566920FLE
Reported Quanity:	1000

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Unit of Measure:	LB
Kilograms Quanity:	453.600007
Receiving EPAID:	UTD981552177

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	669701
Received EPAID:	UTD981552177
Managed Quanity:	2550
Kilogram Quanity:	1156.68001
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	5941710
WCDA Code:	D001
Waste Sequence Number:	2670128
Sequence Number:	5941711
WCDA Code:	D035
Waste Sequence Number:	2670128
Sequence Number:	5941712
WCDA Code:	F003
Waste Sequence Number:	2670128
Sequence Number:	5941713
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	137176
Waste Sequence Number:	2670128
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001,D035,F003,F005
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINTS, STILLBOTTOMS
CORb Sequence Number:	132447
Sequence Number:	2647893
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	440
Quanity Unit:	GAL
Kilograms Quanity:	1664.53058
Density Number:	8.33999999
Density Quanity:	PPG

Shipments Send:

CORB Waste Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	1304042
Shipment Date:	2011-06-21 00:00:00
Mainfest Document ID:	004764400FLE
Reported Quanity:	55
Unit of Measure:	GAL
Kilograms Quanity:	208.066323
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304041
Shipment Date:	2011-03-11 00:00:00
Mainfest Document ID:	003465873FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893
Sequence Number:	1304043
Shipment Date:	2011-10-04 00:00:00
Mainfest Document ID:	004795380FLE
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647
Receiving EPAID:	NED981723513
Waste Sequence Number:	2647893

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number:	1304044
Shipment Date:	2011-12-19 00:00:00
Mainfest Document ID:	005272394FLE
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970
Receiving EPAID:	NED981723513

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	643815
Received EPAID:	NED981723513
Managed Quanity:	440
Kilogram Quanity:	1664.53058
Recycled Percentage:	0
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	132447
Waste Sequence Number:	2647893
Sequence Number:	5804652
WCDA Code:	D001
Waste Sequence Number:	2647893
Sequence Number:	5804653
WCDA Code:	D035
Waste Sequence Number:	2647893
Sequence Number:	5804654
WCDA Code:	F003
Waste Sequence Number:	2647893
Sequence Number:	5804655
WCDA Code:	F005

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	LQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Site Contact Address 2:	Not reported
Waste Stream Generated:	
Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	Spent Paint, Stillbottoms
CORb Sequence Number:	126619
Sequence Number:	2392033
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	660
Quanity Unit:	GAL
Kilograms Quanity:	2496.7958829448894
Density Number:	8.3399999999999999
Density Quanity:	PPG
Shipments Send:	
CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	1134713
Shipment Date:	8/16/2010
Mainfest Document ID:	003448328
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2392033
Sequence Number:	1134712
Shipment Date:	5/17/2010
Mainfest Document ID:	002603647
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2392033
Sequence Number:	1134715
Shipment Date:	12/7/2010
Mainfest Document ID:	003447683
Reported Quanity:	110
Unit of Measure:	GAL
Kilograms Quanity:	416.132647157482
Receiving EPAID:	WAD981769110
Waste Sequence Number:	2392033
Sequence Number:	1134711
Shipment Date:	3/15/2010

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mainfest Document ID:	002936034
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970736222
Receiving EPAID:	UTD981552177
Waste Sequence Number:	2392033
Sequence Number:	1134714
Shipment Date:	10/8/2010
Mainfest Document ID:	003454763
Reported Quanity:	165
Unit of Measure:	GAL
Kilograms Quanity:	624.198970736222
Receiving EPAID:	WAD981769110

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	575862
Received EPAID:	UTD981552177
Managed Quanity:	275
Kilogram Quanity:	1040.3316178937039
Recycled Percentage:	0
Waste Management System Code:	H040
Waste Sequence Number:	2392033
Sequence Number:	575863
Received EPAID:	WAD981769110
Managed Quanity:	385
Kilogram Quanity:	1456.4642650511855
Recycled Percentage:	0
Waste Management System Code:	H141

Waste Stream EPA Code:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	5190330
WCDA Code:	F003
Waste Sequence Number:	2392033
Sequence Number:	5190331
WCDA Code:	F005
Waste Sequence Number:	2392033
Sequence Number:	5190328
WCDA Code:	D001
Waste Sequence Number:	2392033
Sequence Number:	5190329
WCDA Code:	D035

Waste Stream Source Code:

CORB Waste Sequence Number:	126619
Waste Sequence Number:	2392033
Sequence Number:	1
WCDD Code:	G06

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	WT02
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	SPENT PAINT, STILLBOTTOMS
CORb Sequence Number:	120112
Sequence Number:	2009866
Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	1320
Quanity Unit:	GAL
Kilograms Quanity:	4993.5917658897788
Density Number:	8.3399999999999999
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	493455
Received EPAID:	UTD981552177
Managed Quanity:	1320
Kilogram Quanity:	4993.5917658897788
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	120112
Waste Sequence Number:	2009866

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Sequence Number:	4322245
WCDA Code:	F003
Waste Sequence Number:	2009866
Sequence Number:	4322244
WCDA Code:	D035
Waste Sequence Number:	2009866
Sequence Number:	4322246
WCDA Code:	F005
Waste Sequence Number:	2009866
Sequence Number:	4322243
WCDA Code:	D001

Waste Stream Source Code:

CORB Waste Sequence Number:	120112
Waste Sequence Number:	2009866
Sequence Number:	1
WCDD Code:	G24

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	D001, D035, F003, F005
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Jr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Duane Anderson
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	(253)761-6741
Site Contact Email:	danderson@martinacship.com
Gen Status Code:	MQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Waste Stream Generated:

Waste Managed Off Site:	Y
State Only Waste Code 1:	Not reported
State Only Waste Code 2:	Not reported
Report Managed On Site:	0
KG Managed On Site:	0
Generator Treatment Code:	Not reported
Permit By Rule Code:	Not reported
WCDE Residence Code:	Not reported
WCDH Origin Code:	1
WCDE On Site Code:	Not reported
WCDB Code:	W604
Description:	spent paints, stillbottoms
CORb Sequence Number:	114185
Sequence Number:	1841267

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Mixed Radioactive Flag:	False
Designation Code:	D
Reported Quanity:	715
Quanity Unit:	GAL
Kilograms Quanity:	2704.86220652363
Density Number:	8.3399999999999999
Density Quanity:	PPG

Waste Stream Off Site Mgmt:

Waste CORB Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	434561
Received EPAID:	UTD981552177
Managed Quanity:	715
Kilogram Quanity:	2704.86220652363
Recycled Percentage:	Not reported
Waste Management System Code:	H040

Waste Stream EPA Code:

CORB Waste Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	3879865
WCDA Code:	D001
Waste Sequence Number:	1841267
Sequence Number:	3879866
WCDA Code:	D035
Waste Sequence Number:	1841267
Sequence Number:	3879867
WCDA Code:	F003
Waste Sequence Number:	1841267
Sequence Number:	3879868
WCDA Code:	F005

Waste Stream Source Code:

CORB Waste Sequence Number:	114185
Waste Sequence Number:	1841267
Sequence Number:	1
WCDD Code:	G06

Name:	JM MARTINAC SHIPBUILDING CORP
Address:	401 E 15TH ST
City,State,Zip:	TACOMA, WA 98421-1699
Facility Address 2:	Not reported
Facility ID:	1375
EPA ID:	WAD009253634
NAICS:	336611
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278001638
Business Type:	Not reported
Mail Name:	JM Martinac Shipbuilding Corp
Mailing Address:	401 E 15TH ST
Mailing City,State,Zip:	TACOMA, WA 98421-1601
Legal Organization Name:	JM Martinac Shipbuilding Corp
Legal Organization Type:	Private
Legal Contact:	Joseph S Martinac Sr
Legal Address:	401 E 15TH ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98421-1601
Legal Phone Number:	(253)572-4005
Legal Effective Date:	06/26/1996
Land Organization Name:	JM Martinac Shipbuilding Corp
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	401 E 15TH ST
Land City,State,Zip:	TACOMA, WA 98421-1601
Land Phone Number:	(253)572-4005
Operator Organization Name:	Not reported
Operator Organization Type:	Private
Operator:	Joseph S Martinac Sr
Operator Address:	401 E 15TH ST
Operator Address 2:	Not reported
Operator City,State,Zip:	TACOMA, WA 98421-1601
Operator Phone Number:	(253)572-4005
Operator Effective Date:	06/26/1996
Site Contact:	Joe Marinac Jr
Site Contact Address:	401 E 15TH ST
Contact City,State,Zip:	TACOMA, WA 98421-1601
Site Contact Phone Number:	253572-4005
Site Contact Email:	jmartinac@martinacship.com
Gen Status Code:	SQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F

J M MARTINAC SHIPBUILDING CORPORATION (Continued) **U001122318**

Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

BV306
East
1/2-1
0.741 mi.
3912 ft.

Relative:
Lower

Actual:
19 ft.

SUNNEN CRANE CO INC
2323 E Q ST
TACOMA, WA 98371

Site 1 of 3 in cluster BV

WA HSL **U003750417**
WA CSCSL **N/A**
WA LUST
WA UST
WA ICR
WA ALLSITES

HSL:

Name:	SUNNEN CRANE SERVICE
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	61656248
Rank:	3
Region:	SW
EDR Link ID:	61656248
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SUNNEN CRANE SERVICE
Address:	2323 E Q ST
City,State,Zip:	TACOMA, WA 98371
Facility ID:	61656248
Region:	Southwest
Lat/Long:	47.242139654355 / -122.4088180602
Clean Up Siteid:	9894
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	SUNNEN CRANE CO INC
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

SUNNEN CRANE CO INC (Continued) **U003750417**

LUST:

Name:	SUNNEN CRANE SERVICE
Address:	2323 E Q ST
City,State,Zip:	TACOMA, WA 98371
Facility ID:	61656248
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	9894
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SUNNEN CRANE CO INC
Response Section:	Southwest
Release Date:	01/22/2001
Lust Date:	05/01/2001
Region:	Southwest
Lust ID:	5627
UST ID:	508097
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2421396 / -122.40881

UST:

Name:	SUNNEN CRANE CO INC
Address:	2323 E Q ST
City:	TACOMA
Zip:	98371
Facility ID:	61656248
Site Id:	508097
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2421396543553
Decimal Longitude:	-122.408818060233
Tank Name:	1
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	01/23/2001
Tank Install Date:	01/01/1982
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported

SUNNEN CRANE CO INC (Continued) **U003750417**

Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ICR:

Date Ecology Received Report:	01/22/01
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-32
County Code:	27
Contact:	Not reported
Report Title:	Site Characterization Report

ALLSITES:

Name:	TRIAD MACHINERY
Facility Id:	13185
Name:	SUNNEN CRANE CO INC
Facility Id:	61656248

307
SSW
1/2-1
0.742 mi.
3917 ft.

35TH ST LANDFILL CITY FILL **WA CSCSL** **1008919432**
S 35TH ST & PACIFIC AVE **WA ALLSITES** **N/A**
TACOMA, WA 98418 **FINDS**

Relative:
Higher

Actual:
304 ft.

CSCSL:

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest
Name:	35TH ST LANDFILL CITY FILL

35TH ST LANDFILL CITY FILL (Continued) **1008919432**

Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	35TH ST LANDFILL CITY FILL
Address:	S 35TH ST & PACIFIC AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	5774537
Region:	Southwest
Lat/Long:	47.229322 / -122.432822
Clean Up Siteid:	341
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported

35TH ST LANDFILL CITY FILL (Continued) **1008919432**

Ground Water: Suspected
Surface Water: Confirmed Above Cleanup Levels
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: 35TH ST LANDFILL CITY FILL
Facility Id: 5774537

FINDS:
Registry ID: 110022928162

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

308
NW
1/2-1
0.743 mi.
3921 ft.

TACOMA CITY CONVENTION CTR GARAGE
1500 BROADWAY
TACOMA, WA 98402

WA HSL **1011266136**
WA CSCSL **N/A**
WA ALLSITES
FINDS

Relative:
Higher

Actual:
100 ft.

HSL:
Name: TACOMA CITY CONVENTION CTR GARAGE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 8168704
Rank: 5
Region: SW
EDR Link ID: 8168704
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: TACOMA CITY CONVENTION CTR GARAGE
Address: 1500 BROADWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 8168704
Region: Southwest
Lat/Long: 47.247083 / -122.439806
Clean Up Siteid: 4023

TACOMA CITY CONVENTION CTR GARAGE (Continued) **1011266136**

Site Status: Awaiting Cleanup
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA CITY CONVENTION CTR GARAGE
Address: 1500 BROADWAY
City,State,Zip: TACOMA, WA 98402
Facility ID: 8168704
Region: Southwest
Lat/Long: 47.247083 / -122.439806
Clean Up Siteid: 4023
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA CITY CONVENTION CTR GARAGE
Facility Id: 8168704

FINDS:
Registry ID: 110036131897

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
Registry ID: 110070081188

Click Here:

TACOMA CITY CONVENTION CTR GARAGE (Continued) **1011266136**

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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309 West 1/2-1 0.743 mi. 3922 ft. **KAHNE & KAHNE PROPERTY**
2117 YAKIMA AVE
TACOMA, WA 98405
WA CSCSL **S121970335**
WA ALLSITES **N/A**

Relative: Higher
Actual: 294 ft.

CSCSL:

Name:	KAHNE & KAHNE PROPERTY
Address:	2117 YAKIMA AVE
City,State,Zip:	TACOMA, WA 98405
Facility ID:	54136
Region:	Southwest
Lat/Long:	47.24151 / -122.44444
Clean Up Siteid:	14550
Site Status:	Awaiting Cleanup
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	KAHNE & KAHNE PROPERTY
Address:	2117 YAKIMA AVE
City,State,Zip:	TACOMA, WA 98405
Facility ID:	54136
Region:	Southwest
Lat/Long:	47.24151 / -122.44444
Clean Up Siteid:	14550
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals - Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported

KAHNE & KAHNE PROPERTY (Continued) **S121970335**

Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: KAHNE & KAHNE PROPERTY
Facility Id: 54136

---

310 SSE 1/2-1 0.746 mi. 3939 ft. | **TACOMA CHRISTIAN CENTER** | **WA CSCSL** | **S118955371**
3523 MCKINLEY AVE | **WA ALLSITES** | **N/A**
TACOMA, WA 98404 | **WA ASBESTOS**

Relative: Higher
Actual: 298 ft.

CSCSL:
Name: TACOMA CHRISTIAN CENTER
Address: 3523 MCKINLEY AVE
City,State,Zip: TACOMA, WA 98404
Facility ID: 24192
Region: Southwest
Lat/Long: 47.229515 / -122.42042
Clean Up Siteid: 13145
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum-Other
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: TACOMA CHRISTIAN CENTER
Facility Id: 24192

ASBESTOS:
Name: Not reported
Address: 3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip: TACOMA, WA 98404
Facility Type: Church
Parent ID: 93160
Form ID: 93231##1210Therm864814
Notice Date: 11/17/2014
Start Date: 11/15/2014
Completion Date: 11/17/2014
Initial: Not reported
Amended: 1
On Hold: Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Off Hold:	1
Emergency:	Not reported
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	off hold and completed as of Monday 11-17-14 at 330pm
Date Time Submitted:	2014-11-17 15:29:35
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	0
Form ID:	93160##1210Therm500509
Notice Date:	11/14/2014
Start Date:	11/15/2014
Completion Date:	11/21/2014
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	1
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	10-day waiver granted by Ed Guy, Reg 3. Fire damage. Thank you.
Date Time Submitted:	2014-11-14 14:39:46
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	3523 MCKINLEY AVE UPSTAIRS KITCHEN, DOWNSTAIRS PASTOR'S OFFICE
City,State,Zip:	TACOMA, WA 98404
Facility Type:	Church
Parent ID:	93160
Form ID:	93202##1210Therm837815
Notice Date:	11/17/2014
Start Date:	11/15/2014
Completion Date:	11/21/2014
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8am
Site Hours End:	4pm
Sunday:	1
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	1
Contractor ID:	Not reported
Phone:	253-984-1818
Job Site CAS:	Vlado Lazarov
Project Form Email:	debif@ttnw-inc.com
Property Owner Name:	Tacoma Christian Center
Property Owner Agent:	Erik Fanshier, Restorx of Washington
Property Owner Company:	Thermatech Northwest Inc (ABCN00001210)
Property Owner Address:	3523 McKinley Ave
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98404
Property Owner Phone:	253-272-6079
Job Site Room:	Upstairs kitchen, downstairs pastor's office
Facility Age:	1952
Facility Size:	4408 SF
Facility Remodel:	Not reported
Facility Demo:	Not reported
Facility Repair:	1
Facility Maint:	Not reported

TACOMA CHRISTIAN CENTER (Continued) **S118955371**

Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	590
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	wallboard, sheetrock
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	On Hold 11-17-14
Date Time Submitted:	2014-11-17 09:13:49
Submitter IP Address:	75.151.101.37
Region:	3
UBI:	601725020
Notice type:	Initial
Project Type:	Other Square Footage
Supervisor:	Vlado Lazarov ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

BV311 **SEATTLE TRANSFER** **WA HSL** **1007080844**
East **1701 BAY ST** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.746 mi. **FINDS**
3939 ft. **Site 2 of 3 in cluster BV**

Relative:
Lower

Actual:
20 ft.

HSL:

Name:	SEATTLE TRANSFER
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1228
Rank:	3
Region:	SW
EDR Link ID:	1228
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	SEATTLE TRANSFER
Address:	1701 BAY ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	1228
Region:	Southwest
Lat/Long:	47.24114 / -122.40935
Clean Up Siteid:	3252
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	SEATTLE TRANSFER
Facility Id:	1228
Name:	COAST CRANE COMPANY TACOMA
Facility Id:	23870

FINDS:

Registry ID:	110015575670

Click Here:

Environmental Interest/Information System:

SEATTLE TRANSFER (Continued) **1007080844**

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BV312 **RENTAL SERVICE CORPORATION 561** **WA CSCSL** **1000839101**
ENE **2302 E Q ST** **WA LUST** **WAD988519401**
1/2-1 **TACOMA, WA 98421** **WA ALLSITES**
0.747 mi. **RCRA NonGen / NLR**
3945 ft. **Site 3 of 3 in cluster BV** **WA MANIFEST**

Relative:
Lower

Actual:
17 ft.

CSCSL:

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Region:	Southwest
Lat/Long:	47.242333 / -122.40975
Clean Up Siteid:	4264
Site Status:	Cleanup Started
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Below Cleanup Levels
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNITED RENTAL FACILITY
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	26536148
Region:	Southwest
Lat/Long:	47.242333 / -122.40975
Clean Up Siteid:	4264
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Suspected
Soil:	Remediated-Below
Sediment:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:

Name: UNITED RENTAL FACILITY
Address: 2302 E Q ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 26536148
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 4264
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Response Section: Southwest
Release Date: 03/05/2015
Lust Date: 03/23/2015
Region: Southwest
Lust ID: 6883
UST ID: 12726
Contaminant Name: Petroleum-Other
Ground Water: Not reported
Surface Water: Suspected
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.242333 / -122.40975

Name: UNITED RENTAL FACILITY
Address: 2302 E Q ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 26536148
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 4264
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: ALPINE EQUIPMENT PROPERTY,PRIME EQUIPMENT,RENTAL SERVICE CORP,RENTAL SERVICE CORPORATION,Rental Service Corporation 561
Response Section: Southwest
Release Date: 03/05/2015
Lust Date: 03/23/2015
Region: Southwest
Lust ID: 6883
UST ID: 12726
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Below Cleanup Levels
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.242333 / -122.40975

ALLSITES:

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Name:	RENTAL SERVICE CORPORATION 561
Facility Id:	26536148

RCRA Listings:

Date Form Received by Agency:	2011-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Handler Address:	2302 E Q ST
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD988519401
Contact Name:	SHYAM SRINIVAS
Contact Address:	6929 E GREENWAY PKWY
Contact City,State,Zip:	SCOTTSDALE, AZ 85254
Contact Telephone:	602-370-9664
Contact Fax:	Not reported
Contact Email:	SHYAM.SRINIVAS@RSCRENTAL.COM
Contact Title:	ENVIRONMENTAL MANAGER
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, WA 85254
Owner Name:	RENTAL SERVICE CORPORATION
Owner Type:	Private
Operator Name:	RSC EQUIPMENT RENTAL 561
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 18:18:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	1993-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171-8311
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE R
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private
Date Became Current:	1993-04-13 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3342
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT R R
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RENTAL SERVICE CORPORATION 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	480-905-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY
Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALPINE EQUIPMENT RENTALS SUPPLY CO INC
Legal Status:	Private

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NE
Owner/Operator City,State,Zip:	MARYSVILLE, WA 98171
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRIME SERVICE INC
Legal Status:	Private
Date Became Current:	1996-07-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MILLER, STEPHEN O
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16225 PARK TEN PL STE 200
Owner/Operator City,State,Zip:	HOUSTON, TX 77084
Owner/Operator Telephone:	281-578-5600
Owner/Operator Telephone Ext:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOUR SQUARE DEVELOPMENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5220 108TH ST NW
Owner/Operator City,State,Zip:	MARYVILLE, WA 98271
Owner/Operator Telephone:	425-821-2030
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-383-1515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RENTAL SERVICE CORPORATION
Legal Status:	Private
Date Became Current:	2001-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6929 E GREENWAY PKWY

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Owner/Operator City,State,Zip:	SCOTTSDALE, AZ 85254
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RSC EQUIPMENT RENTAL 561
Legal Status:	Private
Date Became Current:	1997-04-08 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2302 E Q ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2614
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-03-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Receive Date:	2011-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-01-01 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-21 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-04-07 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-04-10 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-24 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-03-06 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-05-06 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-02-03 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-03-24 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2005-05-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-23 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-01-02 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-02-21 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2009-03-02 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-02-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-03-04 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	RENTAL SERVICE CORPORATION 561
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

List of NAICS Codes and Descriptions:
NAICS Code: 532412
NAICS Description: CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1993-06-10 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: WADES
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-02-17 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: WALCG
Evaluation Responsible Sub-Organization: SW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

WA MANIFEST:
Name: RENTAL SERVICE CORPORATION 561

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	STE 200
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	STE 200
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	RSC Equipment Rental 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	RSC Equipment Rental 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Chris Reese
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Shyam.Srinivas@RSCrental.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Mailing Address 2:	STE 200
Treatment by Generator:	FALSE
Mixed Radioactive Waste:	FALSE
Importer of Hazardous Waste:	FALSE
Immediate Recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of Dangerous Fuel Waste:	FALSE
Generator Marketing to Burner:	FALSE
Other Marketers (i.e., blender, distributor, etc.):	FALSE
Utility Boiler Burner:	FALSE
Industry Boiler Burner:	FALSE
Industrial Furnace:	FALSE
Smelter Defferal:	FALSE
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	Rental Service Corporation 561

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	Rental Service Corporation 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	John Schaecher
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	FALSE
Batch Generation:	FALSE
One Time Generation:	FALSE
Transport Own Waste:	FALSE
Tranports Other Waste:	FALSE
Recycler Onsite:	FALSE
Transfer Facility:	FALSE
Other Exemption:	Not reported
UW Battery Gen:	FALSE
Used Oil Transporter:	FALSE
Used Oil Transfer Facility:	FALSE
Used Oil Processor:	FALSE
Used Oil Refiner:	FALSE
Used Oil Fuel Marketer Directs Shipments:	FALSE
Used Oil Fuel Marketer Meets Specs:	FALSE
Site Contact Address 2:	Not reported

Name:	RENTAL SERVICE CORPORATION 561
Address:	2302 E Q ST
City,State,Zip:	TACOMA, WA 98421-2614
Facility Address 2:	Not reported
Facility ID:	26536148
EPA ID:	WAD988519401
NAICS:	532412
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	STE 200
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	600138839
Business Type:	Rental Equipment
Mail Name:	Rental Service Corporation 561
Mailing Address:	6929 E GREENWAY PKWY
Mailing City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Organization Name:	Rental Service Corporation
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	6929 E GREENWAY PKWY
Legal Address 2:	STE 200
Legal City,State,Zip:	SCOTTSDALE, AZ 85254
Legal Phone Number:	(480)905-3300
Legal Effective Date:	01/01/2001
Land Organization Name:	Four Square Development
Land Organization Type:	Private
Land Contact:	Gary Eide
Land Address:	5220 108th St NW
Land City,State,Zip:	MARYVILLE, WA 98271-8311
Land Phone Number:	(425)821-2030
Operator Organization Name:	Rental Service Corporation 561
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	2302 E Q St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421-2614
Operator Phone Number:	(253)383-1515
Operator Effective Date:	04/08/1997
Site Contact:	Dave Lesher
Site Contact Address:	2302 E Q St
Contact City,State,Zip:	TACOMA, WA 98421
Site Contact Phone Number:	(253)383-1515
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No

RENTAL SERVICE CORPORATION 561 (Continued) **1000839101**

Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

313
NE
1/2-1
0.755 mi.
3985 ft.

Relative:
Lower

Actual:
10 ft.

TACOMA CENTRAL NO 1
2201 E PORTLAND AVE
TACOMA, WA 98421

WA HSL **S109395454**
WA CSCSL **N/A**
WA LUST
WA ALLSITES
WA SPILLS
WA NPDES

HSL:

Name:	TACOMA CENTRAL NO 1
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	92562654
Rank:	3
Region:	SW
EDR Link ID:	92562654
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Region:	Southwest
Lat/Long:	47.2436 / -122.40894
Clean Up Siteid:	6868
Site Status:	Cleanup Started
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Region:	Southwest
Lat/Long:	47.2436 / -122.40894
Clean Up Siteid:	6868
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Site Rank:	3 - Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6868
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Response Section:	Southwest
Release Date:	05/21/2002
Lust Date:	05/21/2002
Region:	Southwest
Lust ID:	5770
UST ID:	1881
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2436 / -122.40894

Name:	TACOMA CENTRAL NO 1
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	92562654
Lust Status Type:	LUST - NFA
Cleanup Site ID:	6868
Cleanup Unit Type:	Upland
Process Type:	Independent Action

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Cleanup Unit Name:	TACOMA CENTRAL WASTEWATER PLANT,TACOMA CITY OF SEWER UTILITY,TREATMENT PLANT LUST
Response Section:	Southwest
Release Date:	05/21/2002
Lust Date:	05/21/2002
Region:	Southwest
Lust ID:	5770
UST ID:	1881
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2436 / -122.40894

ALLSITES:

Name:	TACOMA CENTRAL NO 1
Facility Id:	92562654

SPILLS:

Name:	Not reported
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	110907
Medium:	Public Road Right-of-Way
Material Desc:	LUBE OIL/MOTOR OIL
Material Qty:	1
Material Units:	Tablespoon (Tblsp)
Date Received:	Not reported
Contact Name:	Not reported
Incident Date:	04/22/2020
Incident Category Type:	Oil Spill
Incident Category:	Oil Spill
Latitude:	47.24802
Longitude:	-122.414
Source Type:	Vehicle
Source:	Non-commercial vehicle
Vessel Facility Name2:	Not reported
Recovered Quantity:	1
Resp Party Contact:	Not reported
Cause:	Vehicle Accident Oil Spill Tacoma 4-22-20
Cause Type:	Not reported
Resp Party Name:	Not reported

Name:	TACOMA CENTRAL TREATMENT FACILITY
Address:	2201 E PORTLAND
City,State,Zip:	TACOMA, WA
Facility ID:	609382
Medium:	Not reported
Material Desc:	SEWAGE/SLUDGE
Material Qty:	50
Material Units:	GALLON
Date Received:	11/06/2008
Contact Name:	Not reported

TACOMA CENTRAL NO 1 (Continued) **S109395454**

Incident Date:	Not reported
Incident Category Type:	Not reported
Incident Category:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Source Type:	Not reported
Source:	Not reported
Vessel Facility Name2:	Not reported
Recovered Quantity:	Not reported
Resp Party Contact:	Not reported
Cause:	Not reported
Cause Type:	Not reported
Resp Party Name:	Not reported

NPDES:

Name:	CENTRAL WASTEWATER TREATMENT PLANT
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	11/20/2019
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR000711
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2024
Effective Date:	01/01/2020
Days to Expiration:	-1632

Name:	CTP ELECTRICAL DISTRIBUTION SYSTEM REP.
Address:	2201 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility Status:	Not reported
Facility Type:	Construction SW GP
Admin Region:	Headqarters
Date Issued:	11/18/2015
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	WAR309196
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	12/31/2020
Effective Date:	06/04/2020
Days to Expiration:	-171

314 South 1/2-1 0.774 mi. 4088 ft.

Relative: Higher

Actual: 317 ft.

NEWMAN RECYCLING
409 E MORTON ST
TACOMA, WA 98404

WA HSL **1001969800**
WA CSCSL **WA0000627703**
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO

HSL:

Name:	NEWMAN RECYCLING
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	69871828
Rank:	4
Region:	SW
EDR Link ID:	69871828
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404
Facility ID:	69871828
Region:	Southwest
Lat/Long:	47.22799 / -122.42606
Clean Up Siteid:	4620
Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	NEWMAN RECYCLING
Address:	409 E MORTON ST
City,State,Zip:	TACOMA, WA 98404
Facility ID:	69871828
Region:	Southwest
Lat/Long:	47.22799 / -122.42606
Clean Up Siteid:	4620
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	4 - Low-Moderate Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	NEWMAN RECYCLING
Facility Id:	69871828

RCRA Listings:

Date Form Received by Agency:	1999-11-02 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Handler Address:	409 E MORTON ST
Handler City,State,Zip:	TACOMA, WA 98404
EPA ID:	WA0000627703
Contact Name:	DON NEWMAN
Contact Address:	409 E MORTON ST
Contact City,State,Zip:	TACOMA, WA 98404
Contact Telephone:	253-627-1477
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	MR
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	409 E MORTON ST
Mailing City,State,Zip:	TACOMA, WA 98404
Owner Name:	NEWMAN RECYCLING
Owner Type:	Private
Operator Name:	NEWMAN, DON
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 19:19:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON

NEWMAN RECYCLING (Continued) **1001969800**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST

NEWMAN RECYCLING (Continued) **1001969800**

Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOPLIFT, RON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON N
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private

NEWMAN RECYCLING (Continued) **1001969800**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DON N
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404-1548
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN, DON
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEWMAN RECYCLING
Legal Status:	Private
Date Became Current:	1996-06-20 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	409 E MORTON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98404
Owner/Operator Telephone:	253-627-1477
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

NEWMAN RECYCLING (Continued) **1001969800**

Historic Generators:

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-02 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-14 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA

NEWMAN RECYCLING (Continued) **1001969800**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-02-10 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-03-09 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-08-25 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-11-01 00:00:00.0
Handler Name:	NEWMAN RECYCLING
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

NEWMAN RECYCLING (Continued) **1001969800**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42393
NAICS Description: RECYCLABLE MATERIAL MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:
Registry ID: 110005306533

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001969800
Registry ID: 110005306533
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110005306533
Name: NEWMAN RECYCLING
Address: 409 E MORTON ST
City,State,Zip: TACOMA, WA 98404

---

315 NE 1/2-1 0.783 mi. 4136 ft. | **TACOMA METALS SITE**
1919 PORTLAND AVE
TACOMA, WA 98421 | **WA HSL** **1000334219**
WA CSCSL **WAD102875556**
WA VCP
WA ALLSITES
RCRA NonGen / NLR

Relative: Lower
Actual: 13 ft.

HSL:
Name: TACOMA METALS SITE
Address: Not reported
City,State,Zip: TACOMA, WA
edr_fstat: WA

TACOMA METALS SITE (Continued) **1000334219**

edr_fzip: Not reported
edr_fcnty: PIERCE
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 1257
Rank: 2
Region: SW
EDR Link ID: 1257
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control:Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control:Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE

TACOMA METALS SITE (Continued) **1000334219**

Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Polychlorinated biPhenyls (PCB)
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported

TACOMA METALS SITE (Continued) **1000334219**

Ground Water: Below Cleanup Levels
Surface Water: Below Cleanup Levels
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 1257
Region: Southwest
Lat/Long: 47.25008 / -122.41666
Clean Up Siteid: 3910
Site Status: Cleanup Started
Contaminant Name: UnExploded Ordnance
Alternate Site Names: SUSSMAN LESLIE P SOPHIE L,TACOMA METALS,TACOMA METALS INC
Site Rank: 2 - Moderate-High Risk
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VCP:
Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA

TACOMA METALS SITE (Continued) **1000334219**

edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Metals - Other
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Metals Priority Pollutants
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Other Non-Halogenated Organics
Soil: Not reported

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported

TACOMA METALS SITE (Continued) **1000334219**

Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Petroleum Products-Unspecified
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Polychlorinated biPhenyls (PCB)
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Soil: Confirmed Above Cleanup Levels

Name: TACOMA METALS SITE
Address: 1919 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
edr_fstat: WA
edr_fzip: 98421
edr_fcnty: PIERCE
edr_zip: Not reported
Facility ID: 1257
VCP Status: Not reported
VCP: Not reported

TACOMA METALS SITE (Continued) **1000334219**

Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: 2
Cleanup Siteid: 3910
Contaminant Name: UnExploded Ordnance
Soil: Remediated

ALLSITES:
Name: TACOMA METALS SITE
Facility Id: 1257

RCRA Listings:

Date Form Received by Agency:	2003-02-27 00:00:00.0
Handler Name:	TACOMA METALS SITE
Handler Address:	1919 PORTLAND AVE
Handler City,State,Zip:	TACOMA, WA 98421
EPA ID:	WAD102875556
Contact Name:	TY SCHREINER
Contact Address:	530 S 336TH ST
Contact City,State,Zip:	FEDERAL WAY, WA 98003
Contact Telephone:	253-874-0555
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	10
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	530 S 336TH ST
Mailing City,State,Zip:	FEDERAL WAY, WA 98003
Owner Name:	PORTLAND AVE ASSOCIATES
Owner Type:	Private
Operator Name:	TACOMA METALS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-09 13:25:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2804
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private

TACOMA METALS SITE (Continued) **1000334219**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SEE PAPER COPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421-2804
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUSSMAN LESLIE P SOPHIE L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	1997-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private

TACOMA METALS SITE (Continued) **1000334219**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORTLAND AVE ASSOCIATES
Legal Status:	Private
Date Became Current:	2000-04-14 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WELLS FARGO PLAZA
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-572-4500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUSSMAN LESLIE P SOPHIE L
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TACOMA METALS SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TACOMA METALS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1919 PORTLAND AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1993-01-20 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1998-11-03 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified

TACOMA METALS SITE (Continued) **1000334219**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-27 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-01-19 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-09-03 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

Spent Lead Acid Battery Exporter:	Not reported
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-04-14 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-04-10 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-02-26 00:00:00.0
Handler Name:	TACOMA METALS SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TACOMA METALS SITE (Continued) **1000334219**

List of NAICS Codes and Descriptions:
NAICS Code: 332114
NAICS Description: CUSTOM ROLL FORMING

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

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316 NNE 1/2-1 0.789 mi. 4166 ft. | **CLEANER PRESSURE WASHING, TACOMA**
1820 E PORTLAND AVE
TACOMA, WA 98421 | **WA CSCSL** **S119162454**
WA ALLSITES **N/A**

Relative: Lower
Actual: 13 ft.

CSCSL:
Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Arsenic
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CLEANER PRESSURE WASHING, TACOMA
Address: 1820 E PORTLAND AVE
City,State,Zip: TACOMA, WA 98421
Facility ID: 23110
Region: Southwest
Lat/Long: 47.25087 / -122.41926
Clean Up Siteid: 13170
Site Status: Awaiting Cleanup
Contaminant Name: Lead
Alternate Site Names: Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported

CLEANER PRESSURE WASHING, TACOMA (Continued) **S119162454**

Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CLEANER PRESSURE WASHING, TACOMA
Address:	1820 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	23110
Region:	Southwest
Lat/Long:	47.25087 / -122.41926
Clean Up Siteid:	13170
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	CLEANER PRESSURE WASHING, TACOMA
Address:	1820 E PORTLAND AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	23110
Region:	Southwest
Lat/Long:	47.25087 / -122.41926
Clean Up Siteid:	13170
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Cleaner Pressure Washing Tacoma,Cleaner Pressure Washing,Tacoma
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	CLEANER PRESSURE WASHING TACOMA
Facility Id:	23110

317 NW 1/2-1 0.813 mi. 4291 ft.

1502 MARKET ST TACOMA
1502 MARKET ST
TACOMA, WA 98466

WA HSL
WA CSCSL
WA LUST
WA UST
WA ALLSITES

U003352643
N/A

Relative: Higher

Actual: 143 ft.

HSL:

Name:	PAX ASSOCIATES
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	72222742
Rank:	5
Region:	SW
EDR Link ID:	72222742
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	PAX ASSOCIATES
Address:	1502 MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	72222742
Region:	Southwest
Lat/Long:	47.24865 / -122.44094
Clean Up Siteid:	6561
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	1502 MARKET ST,1502 MARKET ST TACOMA,PAX ASSOC 15 MARKET,SAM'S TIRE & AUTOMOTIVE,TACOMA AUTOBODY
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	PAX ASSOCIATES
Address:	1502 MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	72222742
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6561
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	1502 MARKET ST,1502 MARKET ST TACOMA,PAX ASSOC 15 MARKET,SAM'S TIRE & AUTOMOTIVE,TACOMA AUTOBODY
Response Section:	Southwest

1502 MARKET ST TACOMA (Continued) **U003352643**

Release Date:	08/26/1991
Lust Date:	09/01/1995
Region:	Southwest
Lust ID:	1243
UST ID:	101375
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.24865 / -122.44094

UST:

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466
Facility ID:	72222742
Site Id:	101375
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.24865
Decimal Longitude:	-122.44094

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

1502 MARKET ST TACOMA (Continued) **U003352643**

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

1502 MARKET ST TACOMA (Continued) **U003352643**

Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	1502 MARKET ST TACOMA
Address:	1502 MARKET ST
City:	TACOMA
Zip:	98466

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

1502 MARKET ST TACOMA (Continued) **U003352643**

Pipe Material: Not reported
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: Southwest
Dispencer/Pump SFC Type: Not reported

ALLSITES:
Name: PAX ASSOCIATES
Facility Id: 72222742

---

318 SW 1/2-1 0.823 mi. 4344 ft. | **WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY** | **WA CSCSL** | **S113706206**
602 S WRIGHT AVE | **WA ALLSITES** | **N/A**
TACOMA, WA 98418 | **WA CDL**
WA ASBESTOS

Relative: Higher
Actual: 305 ft.

CSCSL:
Name: WRIGHT STREET APARTMENTS - TACOMA HOUSING AUTHORITY
Address: 602 S WRIGHT AVE
City,State,Zip: TACOMA, WA 98418
Facility ID: 66566232
Region: Southwest
Lat/Long: 47.2302 / -122.44037
Clean Up Siteid: 2887
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: HOUSING AUTHORITY OF TACOMA,Wright Street Apartments Tacoma Housing Authority
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Confirmed Above Cleanup Levels
Bedrock: Not reported
Responsible Unit: Southwest

Name: WRIGHT STREET APARTMENTS - TACOMA HOUSING AUTHORITY
Address: 602 S WRIGHT AVE
City,State,Zip: TACOMA, WA 98418
Facility ID: 66566232
Region: Southwest
Lat/Long: 47.2302 / -122.44037
Clean Up Siteid: 2887
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: HOUSING AUTHORITY OF TACOMA,Wright Street Apartments Tacoma Housing Authority
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True

WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY (Continued) **S113706206**

Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WRIGHT STREET APARTMENTS - TACOMA HOUSING AUTHORITY
Address:	602 S WRIGHT AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	66566232
Region:	Southwest
Lat/Long:	47.2302 / -122.44037
Clean Up Siteid:	2887
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	HOUSING AUTHORITY OF TACOMA,Wright Street Apartments Tacoma Housing Authority
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WRIGHT STREET APARTMENTS - TACOMA HOUSING AUTHORITY
Address:	602 S WRIGHT AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	66566232
Region:	Southwest
Lat/Long:	47.2302 / -122.44037
Clean Up Siteid:	2887
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	HOUSING AUTHORITY OF TACOMA,Wright Street Apartments Tacoma Housing Authority
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Confirmed Above Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WRIGHT STREET APARTMENTS - TACOMA HOUSING AUTHORITY
Address:	602 S WRIGHT AVE

WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY (Continued) **S113706206**

City,State,Zip:	TACOMA, WA 98418
Facility ID:	66566232
Region:	Southwest
Lat/Long:	47.2302 / -122.44037
Clean Up Siteid:	2887
Site Status:	Cleanup Started
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	HOUSING AUTHORITY OF TACOMA,Wright Street Apartments Tacoma Housing Authority
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	WRIGHT STREET APARTMENTS - TACOMA HOUSING AUTHORITY
Address:	602 S WRIGHT AVE
City,State,Zip:	TACOMA, WA 98418
Facility ID:	66566232
Region:	Southwest
Lat/Long:	47.2302 / -122.44037
Clean Up Siteid:	2887
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	HOUSING AUTHORITY OF TACOMA,Wright Street Apartments Tacoma Housing Authority
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	True
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Confirmed Above Cleanup Levels
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY
Facility Id:	66566232

CDL:

Name:	Not reported
Address:	602 SOUTH WRIGHT STREET #119
City,State,Zip:	TACOMA, WA 98404
Tax ID Number:	2083040010
Contamination Date:	04/22/2013
HD Case Number:	CO0034876
Police Case Number:	Not reported

WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY (Continued) **S113706206**

Facility Status:	Released
Notice Date:	01/03/2014
Release Date:	02/27/2014
Company:	Able Environmental LLC

ASBESTOS:

Name:	Not reported
Address:	602 SOUTH WRIGHT AVENUE
City,State,Zip:	TACOMA, WA 98401
Facility Type:	Apartment Building
Parent ID:	138175
Form ID:	139113##1022FSGSS259792
Notice Date:	02/27/2017
Start Date:	02/27/2017
Completion Date:	12/31/2017
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2535481011
Job Site CAS:	Jared Griffith
Project Form Email:	wanda@fsandgs.com; jason@fsandgs.com
Property Owner Name:	Tacoma Housing Authority
Property Owner Agent:	Billy Lillybridge
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	902 South L St. Suite B
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98405
Property Owner Phone:	253-207-4470
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported

WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY (Continued) **S113706206**

Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Project placed on hold 2/27/17.
Date Time Submitted:	2017-02-27 11:47:34
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE
Name:	Not reported
Address:	602 SOUTH WRIGHT AVENUE
City,State,Zip:	TACOMA, WA 98401
Facility Type:	Apartment Building
Parent ID:	0
Form ID:	138175##1022FSGSS509227
Notice Date:	02/07/2017
Start Date:	02/17/2017
Completion Date:	12/31/2017

WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY (Continued) **S113706206**

Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	7:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	Not reported
Phone:	2535481011
Job Site CAS:	Jared Griffith
Project Form Email:	wanda@fsandgs.com; jason@fsandgs.com
Property Owner Name:	Tacoma Housing Authority
Property Owner Agent:	Billy Lillybridge
Property Owner Company:	F S & G S Services Inc (ABCN00001022)
Property Owner Address:	902 South L St. Suite B
Property Owner City:	Tacoma
Property Owner State:	WA
Property Owner Zip4:	98405
Property Owner Phone:	253-207-4470
Job Site Room:	Not reported
Facility Age:	Not reported
Facility Size:	Not reported
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	1000
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	1
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported

WRIGHT STREET APARTMENTS TACOMA HOUSING AUTHORITY (Continued) **S113706206**

Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-02-07 08:05:14
Submitter IP Address:	209.210.181.140
Region:	3
UBI:	601133658
Notice type:	Initial
Project Type:	Vinyl Asbestos Tile
Supervisor:	Jared Griffith ()
Supervisor Phone:	Not reported
Certificate Status:	ACTIVE

319
WSW
1/2-1
0.829 mi.
4376 ft.

HERBERT C TISDALE CENTER STREET SERVIC
828 CENTER ST
TACOMA, WA 98411

WA CSCSL **1007070547**
WA LUST **N/A**
WA UST
WA ALLSITES
FINDS

Relative:
Higher

Actual:
245 ft.

CSCSL:

Name:	HERBERT C TISDALE CENTER STREET SERVIC
Address:	828 CENTER ST
City,State,Zip:	TACOMA, WA 98411
Facility ID:	44822392
Region:	Southwest
Lat/Long:	47.233644570413 / -122.4444752198
Clean Up Siteid:	6101
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Gasoline
Alternate Site Names:	DD Automotive
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported

HERBERT C TISDALE CENTER STREET SERVIC (Continued) **1007070547**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	HERBERT C TISDALE CENTER STREET SERVIC
Address:	828 CENTER ST
City,State,Zip:	TACOMA, WA 98411
Facility ID:	44822392
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	6101
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	DD Automotive
Response Section:	Southwest
Release Date:	10/01/1998
Lust Date:	08/18/2006
Region:	Southwest
Lust ID:	5028
UST ID:	3931
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2336445 / -122.44447

UST:

Name:	HERBERT C TISDALE CENTER STREET SERVIC
Address:	828 CENTER ST PO BOX 11367
City:	TACOMA
Zip:	98411
Facility ID:	44822392
Site Id:	3931
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2336445704134
Decimal Longitude:	-122.444475219868

Tank Name:	1.GAS
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported

HERBERT C TISDALE CENTER STREET SERVIC (Continued) **1007070547**

Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Above Ground Piping
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	HERBERT C TISDALE CENTER STREET SERVIC
Address:	828 CENTER ST PO BOX 11367
City:	TACOMA
Zip:	98411

Tank Name:	2.UNLEAD
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	HERBERT C TISDALE CENTER STREET SERVIC
Address:	828 CENTER ST PO BOX 11367
City:	TACOMA
Zip:	98411

Tank Name:	3.SUPER
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported

HERBERT C TISDALE CENTER STREET SERVIC (Continued) **1007070547**

Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	HERBERT C TISDALE CENTER STREET SERVIC
Facility Id:	44822392

FINDS:

Registry ID: 110015471586

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

BW320 **SAUROS CLEANERAMA TACOMA** **WA HSL** **1004793451**
NW **1401 S PACIFIC AVE** **WA CSCSL** **WAD027550722**
1/2-1 **TACOMA, WA 98402** **WA INST CONTROL**
0.832 mi. **WA ALLSITES**
4391 ft. **Site 1 of 2 in cluster BW** **RCRA NonGen / NLR**
FINDS
Relative: **ECHO**
Higher **WA DRYCLEANERS**
Actual: **WA Inactive Drycleaners**
66 ft. **WA MANIFEST**

HSL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Facility Type: **Hazardous Sites List**
Facility Status: CC-Perf. Monitoring
FSID Number: 4339824
Rank: 1
Region: SW
EDR Link ID: 4339824
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 4339824
Region: Southwest
Lat/Long: 47.250154 / -122.43748
Clean Up Siteid: 3310
Site Status: CC-Perf. Monitoring
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Suspected
Bedrock: Not reported
Responsible Unit: Southwest

Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 4339824
Region: Southwest
Lat/Long: 47.250154 / -122.43748
Clean Up Siteid: 3310
Site Status: CC-Perf. Monitoring
Contaminant Name: Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 1 - Highest Assessed Risk
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: SAUROS CLEANERAMA TACOMA
Address: 1401 S PACIFIC AVE
City,State,Zip: TACOMA, WA 98402
Facility ID: 4339824

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility ID:	4339824
Region:	Southwest
Lat/Long:	47.250154 / -122.43748
Clean Up Siteid:	3310
Site Status:	CC-Perf. Monitoring
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	1 - Highest Assessed Risk
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Site ID:	4339824
Latitude:	47.250154
Longitude:	-122.43748
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0150729071e+011
Filing Date Of Individual IC Doc:	07/09/2015
Education Programs:	False
Maintenance Requirements:	True
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Site Status:	Construction Complete-Performance Monitoring
Swimming Restriction:	False
Tax Parcel Number:	2014030010, 201403020, 2014030030
Control Active:	True
CS ID:	3310
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	False
Restrict Sediment Cap Disturbance:	False
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	False
Media Restrictions:	Groundwater
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

ALLSITES:

Name:	SAUROS CLEANERAMA TACOMA
Facility Id:	4339824

RCRA Listings:

Date Form Received by Agency:	2012-01-18 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Handler Address:	1401 S PACIFIC AVE
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAD027550722
Contact Name:	CALVIN TAYLOR
Contact Address:	326 E D ST
Contact City,State,Zip:	TACOMA, WA 98421
Contact Telephone:	253-593-7711
Contact Fax:	Not reported
Contact Email:	CTAYLOR5@CITYOFTACOMA.ORG
Contact Title:	HYDROGEOLOGIST
EPA Region:	10
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	747 MARKET ST RM 737
Mailing City,State,Zip:	TACOMA, WA 98402
Owner Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Owner Type:	Private
Operator Name:	TAYLOR, CALVIN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 14:38:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CALVIN TAYLOR
Legal Status: Municipal
Date Became Current: 2008-12-24 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 326 E D ST
Owner/Operator City,State,Zip: TACOMA, WA 98421
Owner/Operator Telephone: 253-593-7711
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAUROS CLEANERAMA TACOMA
Legal Status: Private
Date Became Current: 2001-03-05 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 6953 S MADISON
Owner/Operator City,State,Zip: TACOMA, WA 98409
Owner/Operator Telephone: 253-627-5045
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAUROS CLEANERAMA TACOMA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1401 S PACIFIC AVE
Owner/Operator City,State,Zip: TACOMA, WA 98402
Owner/Operator Telephone: 000-000-0000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Municipal
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA C
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAURO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAURO, PETE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	235 BROADWAY APT 103
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-272-4854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	2001-03-05 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	6953 S MADISON
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-627-5045
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	1960-01-01 00:00:00.

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF TACOMA REAL PROPERTY SERVICES
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	747 MARKET ST RM 737
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-591-5515
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CALVIN T
Legal Status:	Private
Date Became Current:	2008-12-24 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Owner/Operator Name:	TAYLOR, CALVIN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	326 E D ST
Owner/Operator City,State,Zip:	TACOMA, WA 98421
Owner/Operator Telephone:	253-593-7711
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAUROS CLEANERAMA TACOMA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1401 S PACIFIC AVE
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ESTATE OF PETE SAURO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	953 S MADISON ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-426-6600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2010-09-22 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-01-03 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-06 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-18 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1993-12-31 00:00:00.0

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-02-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1997-01-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1998-02-13 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1999-02-19 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-01-07 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2001-03-05 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-06-05 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2008-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2009-02-27 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-09-22 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2010-12-29 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2011-01-03 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-01-17 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2007-12-31 00:00:00.0
Handler Name:	SAUROS CLEANERAMA TACOMA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81232
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

NAICS Code:	812320
NAICS Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

NAICS Code:	92119
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

NAICS Code:	921190
NAICS Description:	OTHER GENERAL GOVERNMENT SUPPORT

NAICS Code:	Not reported
NAICS Description:	Not reported

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2002-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	WADES
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005264310

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004793451
Registry ID:	110005264310
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005264310
Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402

DRYCLEANERS:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA Id:	Not reported
FS Id:	4339824
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported
Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported
Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	SCS
Status Code:	A
Start Date:	11/20/2006
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	7216
FS SIC Code:	Drycleaning Plants, Except Rug Cleaning
SIC DS:	TOXICS
Latitude:	47.250154000000002
Longitude:	-122.43747999999999
Comments:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA Id:	Not reported
FS Id:	4339824
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported
Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported
Mixed Radioactive:	Not reported
Importer:	Not reported
Tsdr Facility:	Not reported
Immediate Recycler:	Not reported
Gen Dang Fuel:	Not reported
Gen Market To Burner:	Not reported
Gen Other Marketers:	Not reported
Utility Boiler Burner:	Not reported
Industry Boiler Burner:	Not reported
Furnace Burner:	Not reported
Smelter Deferral:	Not reported
Small Qty Exemption:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Other Exemption:	Not reported
UW Battery Gen:	Not reported
UW Thermostats Gen:	Not reported
UW Mercury Gen:	Not reported
UW Lamps Gen:	Not reported
UW Battery Accum:	Not reported
UW Thermostats Accum:	Not reported
UW Mercury Accum:	Not reported
UW Lamps Accum:	Not reported
UW Destination Facility:	Not reported
Off Spec Utility Boiler:	Not reported
Off Spec Industry Boiler:	Not reported
Off Spec Furnace:	Not reported
Used Oil Transporter:	Not reported
Used Oil Transfer Facility:	Not reported
Used Oil Processor:	Not reported
Used Oil Rerefiner:	Not reported
Used Oil Fuel Marketer Directs Shipments:	Not reported
Used Oil Fuel Marketer Meets Specs:	Not reported
ECO Int Type Code:	SCS
Status Code:	A
Start Date:	11/20/2006
End Date:	Not reported
NAICS DS:	Drycleaning and Laundry Services (except coin-operated)
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	TOXICS
Latitude:	47.250154000000002
Longitude:	-122.43747999999999
Comments:	Not reported

INACTIVE DRYCLEANERS:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
EPA I:	WAD027550722
FS Id:	Not reported
Facility ID:	Not reported
NAICS Code:	812320
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	601330165*
BUSINESS TYPE:	Former Dry Cleaner
MAIL NAME:	Estate of Pete Sauro
MAIL LINE1:	953 S Madison St
MAIL LINE2:	Not reported
MAIL CITY:	Tacoma
MAIL STATE:	WA
MAIL ZIP:	98409
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Estate of Pete Sauro
LEGAL PERSON FIRST NAME:	Ms Betty
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Schindele
LEGAL LINE1:	953 S Madison St
LEGAL LINE2:	Not reported
LEGAL CITY:	Tacoma

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

LEGAL STATE:	WA
LEGAL ZIP:	98409
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(253)426-6600
LEGAL EFFECTIVE DATE:	1/1/1960
LEGAL ORGANIZATION TYPE:	Private
LAND ORG NAME:	Estate of Pete Sauro
LAND PERSON FIRST NAME:	Ms Betty
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Schindele
LAND LINE1:	953 S Madison St
LAND LINE2:	Not reported
LAND CITY:	Tacoma
LAND STATE:	WA
LAND ZIP:	98409
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(253)426-6600
LAND ORGANIZATION TYPE:	Private
OPERATOR ORG NAME:	Estate of Pete Sauro
OPERATOR PERSON FIRST NAME:	Ms Betty
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Schindele
OPERATOR LINE1:	953 S Madison St
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Tacoma
OPERATOR STATE:	WA
OPERATOR ZIP:	98409
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(253)426-6600
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Private
SITE CONTACT FIRST NAME:	Estate of
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Pete Sauro
SITE CONTACT LINE1:	953 S Madison
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Tacoma
SITE CONTACT STATE:	WA
SITE CONTACT ZIP:	98409
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(253)426-6600
SITE CONTACT EMAIL:	jkaspar@farallonconsulting.com
FORM CONTACT FIRST NAME:	Betty
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Schindele
FORM CONTACT LINE1:	6953 S Madison
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Tacoma
FORM CONTACT STATE:	WA
FORM CONTACT ZIP:	98409
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(253)426-6600
FORM CONTACT EMAIL:	jkaspar@farallonconsulting.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHERS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
PBR:	Fal
TBG:	Fal
MIXED RADIOACTIVE:	False
IMPORTER:	False
TSDR FACILITY:	False
IMMEDIATE RECYCLER:	False
GEN DANG FUEL:	False
GEN MARKET TO BURNER:	False
GEN OTHER MARKETERS:	False
UTILITY BOILER BURNER:	False
INDUSTRY BOILER BURNER:	False
FURNACE BURNER:	False
SMELTER DEFERRAL:	False
SMALL QTY EXEMPTION:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
UW THERMOSTATS GEN:	False
UW MERCURY GEN:	False
UW LAMPS GEN:	False
UW BATTERY ACCUM:	False
UW THERMOSTATS ACCUM:	False
UW MERCURY ACCUM:	False
UW LAMPS ACCUM:	False
UW DESTINATION FACILITY:	False
OFF SPEC UTILITY BOILER:	False
OFF SPEC INDUSTRY BOILER:	False
OFF SPEC FURNACE:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACILITY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MARKETER DIR SHIPMENTS:	False
USED OIL FUEL MARKETER MEETS SPECS:	False
ECO Int Type Code:	Not reported
Status Code:	Not reported
Start Date:	Not reported
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Comments:	ID number to remain active to address remedial investigation derived waste removed from the site in January 2009.

WA MANIFEST:

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	921190

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Former Dry Cleaner
Mail Name:	City of Tacoma Real Property Services
Mailing Address:	747 Market St Rm 737
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma Real Property Services
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 737
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5515
Legal Effective Date:	12/24/2008
Land Organization Name:	City of Tacoma Real Property Services
Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 737
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5515
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	Calvin Taylor
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)593-7711
Operator Effective Date:	12/24/2008
Site Contact:	Calvin Taylor
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)593-7711
Site Contact Email:	ctaylor5@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	921190
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Sight cleanup is complete. No additional waste will be generated at this site
Data Year:	2010
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	Not reported
Business Type:	Former Dry Cleaner
Mail Name:	City of Tacoma Real Property Services
Mailing Address:	747 Market St Rm 737
Mailing City,State,Zip:	Tacoma, WA 98402
Legal Organization Name:	City of Tacoma Real Property Services
Legal Organization Type:	Municipal
Legal Contact:	Not reported
Legal Address:	747 Market St Rm 737
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98402
Legal Phone Number:	(253)591-5515
Legal Effective Date:	12/24/2008
Land Organization Name:	City of Tacoma Real Property Services

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Land Organization Type:	Municipal
Land Contact:	Not reported
Land Address:	747 Market St Rm 737
Land City,State,Zip:	Tacoma, WA 98402
Land Phone Number:	(253)591-5515
Operator Organization Name:	Not reported
Operator Organization Type:	Municipal
Operator:	Calvin Taylor
Operator Address:	326 E D St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98421
Operator Phone Number:	(253)593-7711
Operator Effective Date:	12/24/2008
Site Contact:	Calvin Taylor
Site Contact Address:	326 E D St
Contact City,State,Zip:	Tacoma, WA 98421
Site Contact Phone Number:	(253)593-7711
Site Contact Email:	ctaylor5@cityoftacoma.org
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	812320
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	ID number to remain active to address remedial investigation derived waste removed from the site in January 2009.
Data Year:	2008
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601330165*
Business Type:	Former Dry Cleaner
Mail Name:	Estate of Pete Sauro
Mailing Address:	953 S Madison St
Mailing City,State,Zip:	Tacoma, WA 98409
Legal Organization Name:	Estate of Pete Sauro
Legal Organization Type:	Private
Legal Contact:	Ms Betty Schindele
Legal Address:	953 S Madison St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98409
Legal Phone Number:	(253)426-6600
Legal Effective Date:	01/01/1960
Land Organization Name:	Estate of Pete Sauro
Land Organization Type:	Private
Land Contact:	Ms Betty Schindele
Land Address:	953 S Madison St
Land City,State,Zip:	Tacoma, WA 98409
Land Phone Number:	(253)426-6600
Operator Organization Name:	Estate of Pete Sauro
Operator Organization Type:	Private
Operator:	Ms Betty Schindele
Operator Address:	953 S Madison St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409
Operator Phone Number:	(253)426-6600
Operator Effective Date:	Not reported
Site Contact:	Estate of Pete Sauro
Site Contact Address:	953 S Madison
Contact City,State,Zip:	Tacoma, WA 98409
Site Contact Phone Number:	(253)426-6600
Site Contact Email:	jkaspar@farallonconsulting.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Name:	SAUROS CLEANERAMA TACOMA
Address:	1401 S PACIFIC AVE
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	4339824
EPA ID:	WAD027550722
NAICS:	812320
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Farallon re-activated the WAD number to remove drums of DW soil and groundwater generated in late 2007. Ecology is currently reviewing a contained-in request for a portion of the soils generated in 2007 that contain low concentrations of PCE and/orTCE. Once the contained-in determination is issued Farallon will manage all waste soil and water per Ecology's requirements. The waste disposal activities will be the subject of the 2008 DW reporting year since no waste has been removed.
Data Year:	Not reported
Permit by Rule:	F
Mailing Address 2:	Not reported
Treatment by Generator:	F
Mixed Radioactive Waste:	F
Importer of Hazardous Waste:	F
Immediate Recycler:	F
Treatment/Storage/Disposal/Recycling Facility:	F
Generator of Dangerous Fuel Waste:	F
Generator Marketing to Burner:	F
Other Marketers (i.e., blender, distributor, etc.):	F
Utility Boiler Burner:	F
Industry Boiler Burner:	F
Industrial Furnace:	F
Smelter Defferal:	F
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	601330165*
Business Type:	Former Dry Cleaner
Mail Name:	Estate of Pete Sauro
Mailing Address:	953 S Madison St
Mailing City,State,Zip:	Tacoma, WA 98409
Legal Organization Name:	Estate of Pete Sauro
Legal Organization Type:	Private
Legal Contact:	Ms Betty Schindele
Legal Address:	953 S Madison St
Legal Address 2:	Not reported
Legal City,State,Zip:	Tacoma, WA 98409
Legal Phone Number:	(253)426-6600
Legal Effective Date:	01/01/1960
Land Organization Name:	Estate of Pete Sauro
Land Organization Type:	Private
Land Contact:	Ms Betty Schindele
Land Address:	953 S Madison St
Land City,State,Zip:	Tacoma, WA 98409
Land Phone Number:	(253)426-6600
Operator Organization Name:	Estate of Pete Sauro
Operator Organization Type:	Private
Operator:	Ms Betty Schindele
Operator Address:	953 S Madison St

SAUROS CLEANERAMA TACOMA (Continued) **1004793451**

Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409
Operator Phone Number:	(253)426-6600
Operator Effective Date:	01/01/1960
Site Contact:	Estate of Pete Sauro
Site Contact Address:	953 S Madison
Contact City,State,Zip:	Tacoma, WA 98409
Site Contact Phone Number:	(253)426-6600
Site Contact Email:	jkaspar@farallonconsulting.com
Gen Status Code:	XQG
Monthly Generation:	F
Batch Generation:	F
One Time Generation:	F
Transport Own Waste:	F
Tranports Other Waste:	F
Recycler Onsite:	F
Transfer Facility:	F
Other Exemption:	Not reported
UW Battery Gen:	F
Used Oil Transporter:	F
Used Oil Transfer Facility:	F
Used Oil Processor:	F
Used Oil Refiner:	F
Used Oil Fuel Marketer Directs Shipments:	F
Used Oil Fuel Marketer Meets Specs:	F
Site Contact Address 2:	Not reported

BW321 **USPS DOWNTOWN TACOMA PARKING LOT** **WA HSL** **S109556287**
NNW **S 14TH ST & COURT A** **WA CSCSL** **N/A**
1/2-1 **TACOMA, WA 98402** **WA ALLSITES**
0.837 mi.
4417 ft. **Site 2 of 2 in cluster BW**

Relative:
Higher

Actual:
66 ft.

HSL:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	99997000
Rank:	5
Region:	SW
EDR Link ID:	99997000
Region Decode:	SOUTHWEST REGIONAL OFFICE

CSCSL:

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741

USPS DOWNTOWN TACOMA PARKING LOT (Continued) **S109556287**

Site Status:	Awaiting Cleanup
Contaminant Name:	Metals Priority Pollutants
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	USPS DOWNTOWN TACOMA PARKING LOT
Address:	S 14TH ST & COURT A
City,State,Zip:	TACOMA, WA 98402
Facility ID:	99997000
Region:	Southwest
Lat/Long:	47.250709164455 / -122.4371255710
Clean Up Siteid:	4741
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	5 - Lowest Assessed Risk
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

USPS DOWNTOWN TACOMA PARKING LOT (Continued) **S109556287**

Responsible Unit: Southwest

Name: USPS DOWNTOWN TACOMA PARKING LOT
Address: S 14TH ST & COURT A
City,State,Zip: TACOMA, WA 98402
Facility ID: 99997000
Region: Southwest
Lat/Long: 47.250709164455 / -122.4371255710
Clean Up Siteid: 4741
Site Status: Awaiting Cleanup
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: Not reported
Site Rank: 5 - Lowest Assessed Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: USPS DOWNTOWN TACOMA PARKING LOT
Facility Id: 99997000

322
East
1/2-1
0.847 mi.
4474 ft.

BNSF RAILROAD ROW MP 38.5 **WA CSCSL** **S111769681**
38.5 MILEPOST **WA ALLSITES** **N/A**
TACOMA, WA 98421

Relative:
Lower

Actual:
15 ft.

CSCSL:
Name: BNSF RAILROAD ROW MP 38.5
Address: 38.5 MILEPOST
City,State,Zip: TACOMA, WA 98421
Facility ID: 16491
Region: Southwest
Lat/Long: 47.241861111111 / -122.4065833333
Clean Up Siteid: 11779
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Suspected
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

BNSF RAILROAD ROW MP 38.5 (Continued) **S111769681**

Name:	BNSF RAILROAD ROW MP 38.5
Address:	38.5 MILEPOST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	16491
Region:	Southwest
Lat/Long:	47.241861111111 / -122.4065833333
Clean Up Siteid:	11779
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	BNSF RAILROAD ROW MP 38.5
Facility Id:	16491

323
North
1/2-1
0.850 mi.
4487 ft.

UNION PACIFIC RAILROAD ST PAUL AVE
1228 ST PAUL AVE
TACOMA, WA 98421

WA CSCSL **S123096460**
WA ALLSITES **N/A**

Relative:
Lower

Actual:
11 ft.

CSCSL:

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Lead
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE

UNION PACIFIC RAILROAD ST PAUL AVE (Continued) **S123096460**

City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Diesel
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported

UNION PACIFIC RAILROAD ST PAUL AVE (Continued) **S123096460**

Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Address:	1228 ST PAUL AVE
City,State,Zip:	TACOMA, WA 98421
Facility ID:	53785
Region:	Southwest
Lat/Long:	47.25297 / -122.4245
Clean Up Siteid:	14661
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Name:	UNION PACIFIC RAILROAD ST PAUL AVE
Facility Id:	53785

BX324 **SAGER PROPERTY** **WA CSCSL** **S107566007**
SW **620 S 34TH ST** **WA ALLSITES** **N/A**
1/2-1 **TACOMA, WA 98418**
0.876 mi.
4627 ft. **Site 1 of 2 in cluster BX**

Relative:
Higher

Actual:
320 ft.

CSCSL:

Name:	SAGER PROPERTY
Address:	620 S 34TH ST
City,State,Zip:	TACOMA, WA 98418
Facility ID:	7627912
Region:	Southwest
Lat/Long:	47.229299268107 / -122.4404723039
Clean Up Siteid:	468
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels

SAGER PROPERTY (Continued) **S107566007**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Name: SAGER PROPERTY
Facility Id: 7627912

BX325 **VERNON ROBERT KEISTER** **WA CSCSL** **U003355302**
SW **3401 S G ST** **WA LUST** **N/A**
1/2-1 **TACOMA, WA 98408** **WA UST**
0.889 mi. **WA ALLSITES**
4696 ft. **Site 2 of 2 in cluster BX**

Relative:
Higher

Actual:
321 ft.

CSCSL:
Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Benzene
Alternate Site Names: VERNON ROBERT KEISTER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: VERNON ROBERT KEISTER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported

VERNON ROBERT KEISTER (Continued) **U003355302**

Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Metals - Other
Alternate Site Names: VERNON ROBERT KEISTER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Other Halogenated Organics
Alternate Site Names: VERNON ROBERT KEISTER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Other Non-Halogenated Organics
Alternate Site Names: VERNON ROBERT KEISTER

VERNON ROBERT KEISTER (Continued) **U003355302**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: VERNON ROBERT KEISTER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Region: Southwest
Lat/Long: 47.22939 / -122.44079
Clean Up Siteid: 10441
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: VERNON ROBERT KEISTER
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VERN'S TRANSMISSION

VERNON ROBERT KEISTER (Continued) **U003355302**

Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Region:	Southwest
Lat/Long:	47.22939 / -122.44079
Clean Up Siteid:	10441
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	VERNON ROBERT KEISTER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Region:	Southwest
Lat/Long:	47.22939 / -122.44079
Clean Up Siteid:	10441
Site Status:	Cleanup Started
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Alternate Site Names:	VERNON ROBERT KEISTER
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

LUST:

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10441
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest

VERNON ROBERT KEISTER (Continued) **U003355302**

Lust ID:	4021
UST ID:	720
Contaminant Name:	Other Halogenated Organics
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.22939 / -122.44079

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10441
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	4021
UST ID:	720
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.22939 / -122.44079

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10441
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	4021
UST ID:	720
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

VERNON ROBERT KEISTER (Continued) **U003355302**

Lat/Long: 47.22939 / -122.44079

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10441
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: VERNON ROBERT KEISTER
Response Section: Southwest
Release Date: 12/07/1995
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 4021
UST ID: 720
Contaminant Name: Other Non-Halogenated Organics
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.22939 / -122.44079

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10441
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: VERNON ROBERT KEISTER
Response Section: Southwest
Release Date: 12/07/1995
Lust Date: 03/07/2013
Region: Southwest
Lust ID: 4021
UST ID: 720
Contaminant Name: Petroleum-Diesel
Ground Water: Not reported
Surface Water: Not reported
Soil: Below Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.22939 / -122.44079

Name: VERN'S TRANSMISSION
Address: 3401 G ST S
City,State,Zip: TACOMA, WA 98408
Facility ID: 76281298
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 10441
Cleanup Unit Type: Upland

VERNON ROBERT KEISTER (Continued) **U003355302**

Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	4021
UST ID:	720
Contaminant Name:	Lead
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.22939 / -122.44079

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10441
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	4021
UST ID:	720
Contaminant Name:	Benzene
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.22939 / -122.44079

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10441
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	4021
UST ID:	720
Contaminant Name:	Metals - Other

VERNON ROBERT KEISTER (Continued) **U003355302**

Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.22939 / -122.44079

Name:	VERN'S TRANSMISSION
Address:	3401 G ST S
City,State,Zip:	TACOMA, WA 98408
Facility ID:	76281298
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	10441
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	VERNON ROBERT KEISTER
Response Section:	Southwest
Release Date:	12/07/1995
Lust Date:	03/07/2013
Region:	Southwest
Lust ID:	4021
UST ID:	720
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Below Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.22939 / -122.44079

UST:

Name:	VERNON ROBERT KEISTER
Address:	3401 S G ST
City:	TACOMA
Zip:	98408
Facility ID:	76281298
Site Id:	720
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.22939
Decimal Longitude:	-122.44079

Tank Name:	1-OIL
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported

VERNON ROBERT KEISTER (Continued) **U003355302**

Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	VERNON ROBERT KEISTER
Address:	3401 S G ST
City:	TACOMA
Zip:	98408

Tank Name:	2-GAS
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported
Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Secondary Containment
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	VERNON ROBERT KEISTER
Address:	3401 S G ST
City:	TACOMA
Zip:	98408

Tank Name:	3-GAS
Tag Number:	Not reported
Tank Status:	Closed in Place
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	Not reported

VERNON ROBERT KEISTER (Continued) **U003355302**

Capacity Range:	111 TO 1,100 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Secondary Containment
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	VERNON ROBERT KEISTER
Address:	3401 S G ST
City:	TACOMA
Zip:	98408

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	VERNON ROBERT KEISTER
Address:	3401 S G ST
City:	TACOMA
Zip:	98408

VERNON ROBERT KEISTER (Continued) **U003355302**

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	01/01/1900
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	VERNON ROBERT KEISTER
Facility Id:	76281298

326
NW
1/2-1
0.902 mi.
4760 ft.

VILLAGIO II APARTMENTS **WA CSCSL** **1011266438**
1328 MARKET ST **WA ALLSITES** **N/A**
TACOMA, WA 98402 **FINDS**

Relative:
Higher

Actual:
154 ft.

CSCSL:

Name:	VILLAGIO II APARTMENTS
Address:	1328 SOUTH MARKET ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	5317009
Region:	Southwest
Lat/Long:	47.25013 / -122.44106
Clean Up Siteid:	2017
Site Status:	Cleanup Started
Contaminant Name:	Benzene
Alternate Site Names:	VILLAGGIO II APARTMENTS
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported

VILLAGIO II APARTMENTS (Continued) **1011266438**

Bedrock: Not reported
Responsible Unit: Southwest

Name: VILLAGIO II APARTMENTS
Address: 1328 SOUTH MARKET ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 5317009
Region: Southwest
Lat/Long: 47.25013 / -122.44106
Clean Up Siteid: 2017
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: VILLAGGIO II APARTMENTS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VILLAGIO II APARTMENTS
Address: 1328 SOUTH MARKET ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 5317009
Region: Southwest
Lat/Long: 47.25013 / -122.44106
Clean Up Siteid: 2017
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: VILLAGGIO II APARTMENTS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VILLAGIO II APARTMENTS
Address: 1328 SOUTH MARKET ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 5317009
Region: Southwest
Lat/Long: 47.25013 / -122.44106
Clean Up Siteid: 2017
Site Status: Cleanup Started
Contaminant Name: Petroleum-Gasoline
Alternate Site Names: VILLAGGIO II APARTMENTS

VILLAGIO II APARTMENTS (Continued) **1011266438**

Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VILLAGIO II APARTMENTS
Address: 1328 SOUTH MARKET ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 5317009
Region: Southwest
Lat/Long: 47.25013 / -122.44106
Clean Up Siteid: 2017
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: VILLAGGIO II APARTMENTS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: VILLAGIO II APARTMENTS
Address: 1328 SOUTH MARKET ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 5317009
Region: Southwest
Lat/Long: 47.25013 / -122.44106
Clean Up Siteid: 2017
Site Status: Cleanup Started
Contaminant Name: Polycyclic Aromatic Hydrocarbons
Alternate Site Names: VILLAGGIO II APARTMENTS
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

VILLAGIO II APARTMENTS (Continued) **1011266438**

ALLSITES:
Name: VILLAGIO II APARTMENTS
Facility Id: 5317009

FINDS:
Registry ID: 110036138863

Click Here:

Environmental Interest/Information System:
Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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327 West 1/2-1 0.921 mi. 4864 ft. | **CRITTENDON PROPERTY**
2155 MARTIN LUTHER KING JR WAY
TACOMA, WA 98405 | **WA CSCSL** **WA LUST** **WA UST** **WA ALLSITES** | **U004069125** **N/A**

Relative: Higher

Actual: 360 ft.

CSCSL:
Name: CRITTENDON PROPERTY
Address: 2155 MARTIN LUTHER KING JR WAY
City,State,Zip: TACOMA, WA 98405
Facility ID: 4588908
Region: Southwest
Lat/Long: 47.240663024410 / -122.4498530599
Clean Up Siteid: 5344
Site Status: Cleanup Started
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: FORMER IVORY'S AUTO REBUILD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CRITTENDON PROPERTY
Address: 2155 MARTIN LUTHER KING JR WAY
City,State,Zip: TACOMA, WA 98405
Facility ID: 4588908
Region: Southwest
Lat/Long: 47.240663024410 / -122.4498530599
Clean Up Siteid: 5344
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified

CRITTENDON PROPERTY (Continued) **U004069125**

Alternate Site Names: FORMER IVORY'S AUTO REBUILD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Suspected
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: CRITTENDON PROPERTY
Address: 2155 MARTIN LUTHER KING JR WAY
City,State,Zip: TACOMA, WA 98405
Facility ID: 4588908
Region: Southwest
Lat/Long: 47.240663024410 / -122.4498530599
Clean Up Siteid: 5344
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: FORMER IVORY'S AUTO REBUILD
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: True
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: CRITTENDON PROPERTY
Address: 2155 MARTIN LUTHER KING JR WAY
City,State,Zip: TACOMA, WA 98405
Facility ID: 4588908
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 5344
Cleanup Unit Type: Upland
Process Type: Voluntary Cleanup Program
Cleanup Unit Name: FORMER IVORY'S AUTO REBUILD
Response Section: Southwest
Release Date: 01/22/2007
Lust Date: 03/09/2009
Region: Southwest
Lust ID: 6251
UST ID: 619320
Contaminant Name: Non-Halogenated Solvents
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported

CRITTENDON PROPERTY (Continued) **U004069125**

Bedrock:	Not reported
Lat/Long:	47.2406630 / -122.44985

Name:	CRITTENDON PROPERTY
Address:	2155 MARTIN LUTHER KING JR WAY
City,State,Zip:	TACOMA, WA 98405
Facility ID:	4588908
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5344
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FORMER IVORY'S AUTO REBUILD
Response Section:	Southwest
Release Date:	01/22/2007
Lust Date:	03/09/2009
Region:	Southwest
Lust ID:	6251
UST ID:	619320
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Not reported
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2406630 / -122.44985

Name:	CRITTENDON PROPERTY
Address:	2155 MARTIN LUTHER KING JR WAY
City,State,Zip:	TACOMA, WA 98405
Facility ID:	4588908
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5344
Cleanup Unit Type:	Upland
Process Type:	Voluntary Cleanup Program
Cleanup Unit Name:	FORMER IVORY'S AUTO REBUILD
Response Section:	Southwest
Release Date:	01/22/2007
Lust Date:	03/09/2009
Region:	Southwest
Lust ID:	6251
UST ID:	619320
Contaminant Name:	Petroleum-Other
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2406630 / -122.44985

UST:

Name:	CRITTENDON PROPERTY
Address:	2155 MARTIN LUTHER KING JR WAY
City:	TACOMA
Zip:	98405
Facility ID:	4588908

CRITTENDON PROPERTY (Continued) **U004069125**

Site Id:	619320
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2406630244104
Decimal Longitude:	-122.449853059908

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	06/03/2009
Tank Install Date:	01/01/1964
Tank Closure Date:	Not reported
Capacity Range:	1,101 to 2,000 Gallons
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	CRITTENDON PROPERTY
Facility Id:	4588908

328
WSW
1/2-1
0.948 mi.
5008 ft.

Relative:
Higher

Actual:
250 ft.

SUPERIOR LINEN SERVICE
1012 CENTER ST
TACOMA, WA 98409

WA HSL **1000215855**
WA CSCSL **WAD027539865**
WA LUST
WA UST
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA DRYCLEANERS
WA MANIFEST

HSL:

Name:	COMMERCIAL LORY UNIFORM RENT
Address:	Not reported
City,State,Zip:	TACOMA, WA
edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	PIERCE
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Facility Status: Cleanup Started
FSID Number: 5937369
Rank: 3
Region: SW
EDR Link ID: 5937369
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: COMMERCIAL LORY UNIFORM RENT
Address: 1012 CENTER ST
City,State,Zip: TACOMA, WA 98409
Facility ID: 5937369
Region: Southwest
Lat/Long: 47.233326278797 / -122.4473454233
Clean Up Siteid: 5383
Site Status: Cleanup Started
Contaminant Name: Halogenated Organics
Alternate Site Names: SUPERIOR LINEN SERVICE COMPANY
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: COMMERCIAL LORY UNIFORM RENT
Address: 1012 CENTER ST
City,State,Zip: TACOMA, WA 98409
Facility ID: 5937369
Region: Southwest
Lat/Long: 47.233326278797 / -122.4473454233
Clean Up Siteid: 5383
Site Status: Cleanup Started
Contaminant Name: Petroleum-Other
Alternate Site Names: SUPERIOR LINEN SERVICE COMPANY
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: COMMERCIAL LORY UNIFORM RENT
Address: 1012 CENTER ST
City,State,Zip: TACOMA, WA 98409

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Facility ID:	5937369
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5383
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SUPERIOR LINEN SERVICE COMPANY
Response Section:	Southwest
Release Date:	05/22/1989
Lust Date:	05/22/1989
Region:	Southwest
Lust ID:	109
UST ID:	5906
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2333262 / -122.44734

Name:	COMMERCIAL LORY UNIFORM RENT
Address:	1012 CENTER ST
City,State,Zip:	TACOMA, WA 98409
Facility ID:	5937369
Lust Status Type:	LUST - Cleanup Started
Cleanup Site ID:	5383
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Cleanup Unit Name:	SUPERIOR LINEN SERVICE COMPANY
Response Section:	Southwest
Release Date:	05/22/1989
Lust Date:	05/22/1989
Region:	Southwest
Lust ID:	109
UST ID:	5906
Contaminant Name:	Halogenated Organics
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2333262 / -122.44734

UST:

Name:	SUPERIOR LINEN SERVICE COMPANY
Address:	1012 CENTER ST
City:	TACOMA
Zip:	98409
Facility ID:	5937369
Site Id:	5906
UBI:	Not reported
Phone Number:	Not reported
Decimal Latitude:	47.2333262787978
Decimal Longitude:	-122.447345423368

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Tank Name:	1
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	04/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERIOR LINEN SERVICE COMPANY
Address:	1012 CENTER ST
City:	TACOMA
Zip:	98409

Tank Name:	2
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	05/01/1990
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Dispencer/Pump SFC Type:	Not reported

Name:	SUPERIOR LINEN SERVICE COMPANY
Address:	1012 CENTER ST
City:	TACOMA
Zip:	98409

Tank Name:	3
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	05/01/1989
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERIOR LINEN SERVICE COMPANY
Address:	1012 CENTER ST
City:	TACOMA
Zip:	98409

Tank Name:	4
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	05/01/1989
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERIOR LINEN SERVICE COMPANY
Address:	1012 CENTER ST
City:	TACOMA
Zip:	98409

Tank Name:	5
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	05/01/1989
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

Name:	SUPERIOR LINEN SERVICE COMPANY
Address:	1012 CENTER ST
City:	TACOMA
Zip:	98409

Tank Name:	6
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	12/31/1964
Tank Closure Date:	05/01/1989
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	Southwest
Dispencer/Pump SFC Type:	Not reported

ALLSITES:

Name:	COMMERCIAL LORY UNIFORM RENT
Facility Id:	5937369

RCRA Listings:

Date Form Received by Agency:	2015-01-14 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Handler Address:	1012 CENTER ST
Handler City,State,Zip:	TACOMA, WA 98409
EPA ID:	WAD027539865
Contact Name:	DONALD HERSEY
Contact Address:	1012 CENTER ST
Contact City,State,Zip:	TACOMA, WA 98909
Contact Telephone:	253-383-2636
Contact Fax:	Not reported
Contact Email:	RUSTY@SUPLINEN.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	1012 S CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409
Owner Name:	SUPERIOR LINEN SERVICE
Owner Type:	Private
Operator Name:	SUPERIOR LINEN SERVICE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-08 13:27:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Waste Code: D002
Waste Description: CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-8033
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL LORY UNIFORM RENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-8033
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMERCIAL LORY UNIFORM RENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-8033
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL LORY UNIFORM RENT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL LORY UNIFORM RENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL LORY UNIFORM RENT
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMERCIAL LORY UNIFORM RENT
Legal Status:	Private
Date Became Current:	1996-05-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	1900-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1012 CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409-8094
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUPERIOR LINEN SERVICE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1012 S CENTER ST
Owner/Operator City,State,Zip:	TACOMA, WA 98409
Owner/Operator Telephone:	253-383-2636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-03-14 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2015-01-13 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1991-06-13 00:00:00.0
Handler Name:	COMMERCIAL LORY UNIFORM RENT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Receive Date:	2015-01-14 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1991-06-12 00:00:00.0
Handler Name:	COMMERCIAL LORY UNIFORM RENT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2011-02-28 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-03-14 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2013-03-12 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2015-01-13 00:00:00.0
Handler Name:	SUPERIOR LINEN SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	53222
NAICS Description:	FORMAL WEAR AND COSTUME RENTAL

NAICS Code:	532220
NAICS Description:	FORMAL WEAR AND COSTUME RENTAL

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2014-10-30 00:00:00.0
Actual Return to Compliance Date:	2015-03-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-03-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - General
Date Violation was Determined: 2011-12-14 00:00:00.0
Actual Return to Compliance Date: 2013-04-10 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: 2012-04-16 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 2012-03-15 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: WAJMC
Enforcement Responsible Sub-Organization: SW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2014-10-30 00:00:00.0
Actual Return to Compliance Date: 2015-03-16 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2015-03-31 00:00:00.0

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - Small Quantity Handlers
Date Violation was Determined:	2014-10-30 00:00:00.0
Actual Return to Compliance Date:	2015-03-16 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2015-03-31 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	2015-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	WAJMC
Enforcement Responsible Sub-Organization:	SW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2014-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-16 00:00:00.0
Scheduled Compliance Date:	2015-03-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2011-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2013-04-10 00:00:00.0
Scheduled Compliance Date:	2012-04-16 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW
Actual Return to Compliance Date:	2015-03-16 00:00:00.0
Scheduled Compliance Date:	2015-03-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	WAJMC
Evaluation Responsible Sub-Organization:	SW

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Actual Return to Compliance Date:	2015-03-16 00:00:00.0
Scheduled Compliance Date:	2015-03-31 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110005318824

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000215855
Registry ID:	110005318824
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005318824
Name:	SUPERIOR LINEN SERVICE
Address:	1012 CENTER ST
City,State,Zip:	TACOMA, WA 98409

DRYCLEANERS:

Name:	COMMERCIAL LORY UNIFORM RENT
Address:	1012 CENTER ST
City,State,Zip:	TACOMA, WA
EPA Id:	Not reported
FS Id:	5937369
Tax Reg Nbr:	Not reported
Business Type:	Not reported
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
Mail Name:	Not reported
Mail Line1:	Not reported
Mail Line2:	Not reported
Mail City,St,Zip:	Not reported
Mail Country:	Not reported
Legal Org Name:	Not reported
Legal Person First Name:	Not reported
Legal Person Middle Init:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Legal Person Last Name:	Not reported
Legal Line1:	Not reported
Legal Line2:	Not reported
Legal City,St,Zip:	Not reported
Legal Country:	Not reported
Legal Phone Nbr:	Not reported
Legal Effective Date:	Not reported
Legal Organization Type:	Not reported
Land Org Name:	Not reported
Land Person First Name:	Not reported
Land Person Middle Init:	Not reported
Land Person Last Name:	Not reported
Land Line1:	Not reported
Land Line2:	Not reported
Land City,St,Zip:	Not reported
Land Country:	Not reported
Land Phone Nbr:	Not reported
Land Organization Type:	Not reported
Operator Org Name:	Not reported
Operator Person First Name:	Not reported
Operator Person Middle Init:	Not reported
Operator Person Last Name:	Not reported
Operator Line1:	Not reported
Operator Line2:	Not reported
Operator City,St,Zip:	Not reported
Operator Country:	Not reported
Operator Phone Nbr:	Not reported
Operator Effective Date:	Not reported
Operator Organization Type:	Not reported
Site Contact First Name:	Not reported
Site Contact Middle Init:	Not reported
Site Contact Last Name:	Not reported
Site Contact Line1:	Not reported
Site Contact Line2:	Not reported
Site Contact City,St,Zip:	Not reported
Site Contact Country:	Not reported
Site Contact Phone Nbr:	Not reported
Site Contact Email:	Not reported
Form Contact First Name:	Not reported
Form Contact Middle Init:	Not reported
Form Contact Last Name:	Not reported
Form Contact Line1:	Not reported
Form Contact Line2:	Not reported
Form Contact City,St,Zip:	Not reported
Form Contact Country:	Not reported
Form Contact Phone Nbr:	Not reported
Form Contact Email:	Not reported
Gen Status Cd:	Not reported
Monthly Generation:	Not reported
Batch Generation:	Not reported
One Time Generation:	Not reported
Transports Own Waste:	Not reported
Transports Others Waste:	Not reported
Recycler Onsite:	Not reported
Transfer Facility:	Not reported
Pbr:	Not reported
Tbg:	Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Mixed Radioactive: Not reported
Importer: Not reported
Tsdr Facility: Not reported
Immediate Recycler: Not reported
Gen Dang Fuel: Not reported
Gen Market To Burner: Not reported
Gen Other Marketers: Not reported
Utility Boiler Burner: Not reported
Industry Boiler Burner: Not reported
Furnace Burner: Not reported
Smelter Deferral: Not reported
Small Qty Exemption: Not reported
Other Exemption: Not reported
UW Battery Gen: Not reported
UW Thermostats Gen: Not reported
UW Mercury Gen: Not reported
UW Lamps Gen: Not reported
UW Battery Accum: Not reported
UW Thermostats Accum: Not reported
UW Mercury Accum: Not reported
UW Lamps Accum: Not reported
UW Destination Facility: Not reported
Off Spec Utility Boiler: Not reported
Off Spec Industry Boiler: Not reported
Off Spec Furnace: Not reported
Used Oil Transporter: Not reported
Used Oil Transfer Facility: Not reported
Used Oil Processor: Not reported
Used Oil Rerefiner: Not reported
Used Oil Fuel Marketer Directs Shipments: Not reported
Used Oil Fuel Marketer Meets Specs: Not reported
ECO Int Type Code: SCS
Status Code: A
Start Date: 01/01/2001
End Date: Not reported
NAICS DS: Drycleaning and Laundry Services
Program Name: Not reported
FS SIC Code: Not reported
SIC DS: TOXICS
Latitude: 47.233326278797797
Longitude: -122.44734542336801
Comments: Not reported

WA MANIFEST:
Name: SUPERIOR LINEN SERVICE
Address: 1012 CENTER ST
City,State,Zip: TACOMA, WA 98409-8094
Facility Address 2: Not reported
Facility ID: 5937369
EPA ID: WAD027539865
NAICS: 532220
State Waste Code Desc: Not reported
Federal Waste Code Desc: Not reported
Form Comm: We do not generate any regulated waste of any kind.
Data Year: 2012
Permit by Rule: False
Mailing Address 2: Not reported

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278002866
Business Type:	Commericial Laundry
Mail Name:	Superior Linen Service
Mailing Address:	1012 S CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409-8033
Legal Organization Name:	Superior Linen Service
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1012 S CENTER ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-8033
Legal Phone Number:	253-383-2636
Legal Effective Date:	Not reported
Land Organization Name:	Superior Linen Service
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1012 S CENTER ST
Land City,State,Zip:	TACOMA, WA 98409-8033
Land Phone Number:	253-383-2636
Operator Organization Name:	Superior Linen Service
Operator Organization Type:	Private
Operator:	Not reported
Operator Address:	1012 Center St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409-8094
Operator Phone Number:	253-383-2636
Operator Effective Date:	Not reported
Site Contact:	D Hersey
Site Contact Address:	1012 Center St
Contact City,State,Zip:	Tacoma, WA 98909-8094
Site Contact Phone Number:	253-383-2636
Site Contact Email:	rusty@suplinen.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

Name:	SUPERIOR LINEN SERVICE
Address:	1012 CENTER ST
City,State,Zip:	TACOMA, WA 98409-8094
Facility Address 2:	Not reported
Facility ID:	5937369
EPA ID:	WAD027539865
NAICS:	532220
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Mailing Address 2:	Not reported
Treatment by Generator:	False
Mixed Radioactive Waste:	False
Importer of Hazardous Waste:	False
Immediate Recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of Dangerous Fuel Waste:	False
Generator Marketing to Burner:	False
Other Marketers (i.e., blender, distributor, etc.):	False
Utility Boiler Burner:	False
Industry Boiler Burner:	False
Industrial Furnace:	False
Smelter Defferal:	False
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	Not reported
Tax Reg #:	278002866
Business Type:	Commericial Laundry
Mail Name:	Superior Linen Service
Mailing Address:	1012 S CENTER ST
Mailing City,State,Zip:	TACOMA, WA 98409-8033
Legal Organization Name:	Superior Linen Service
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	1012 S CENTER ST
Legal Address 2:	Not reported
Legal City,State,Zip:	TACOMA, WA 98409-8033
Legal Phone Number:	253-383-2636
Legal Effective Date:	Not reported
Land Organization Name:	Superior Linen Service
Land Organization Type:	Private
Land Contact:	Not reported
Land Address:	1012 S CENTER ST
Land City,State,Zip:	TACOMA, WA 98409-8033
Land Phone Number:	253-383-2636
Operator Organization Name:	Superior Linen Service
Operator Organization Type:	Private

SUPERIOR LINEN SERVICE (Continued) **1000215855**

Operator:	Not reported
Operator Address:	1012 Center St
Operator Address 2:	Not reported
Operator City,State,Zip:	Tacoma, WA 98409-8094
Operator Phone Number:	253-383-2636
Operator Effective Date:	Not reported
Site Contact:	Donald R Hersey
Site Contact Address:	1012 Center St
Contact City,State,Zip:	Tacoma, WA 98909-8094
Site Contact Phone Number:	253-383-2636
Site Contact Email:	rusty@suplinen.com
Gen Status Code:	XQG
Monthly Generation:	False
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Site Contact Address 2:	Not reported

329
NNW
1/2-1
0.960 mi.
5070 ft.

Relative:
Higher

Actual:
85 ft.

A STREET SITE
1201 A ST
TACOMA, WA 98402

WA CSCSL **1001969662**
WA LUST **WAH000010264**
WA ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
WA MANIFEST

CSCSL:

Name:	1201 A STREET SITE KEY BANK
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility ID:	22366696
Region:	Southwest
Lat/Long:	47.252123046505 / -122.4363923476
Clean Up Siteid:	3386
Site Status:	Cleanup Started
Contaminant Name:	Non-Halogenated Solvents
Alternate Site Names:	1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

A STREET SITE (Continued) **1001969662**

Responsible Unit: Southwest

Name: 1201 A STREET SITE KEY BANK
Address: 1201 A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 22366696
Region: Southwest
Lat/Long: 47.252123046505 / -122.4363923476
Clean Up Siteid: 3386
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: 1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Site Rank: Not reported
Has Institutional Control: Not reported
Past VCP: True
Current VCP: Not reported
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

LUST:
Name: 1201 A STREET SITE KEY BANK
Address: 1201 A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 22366696
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 3386
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: 1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Response Section: Southwest
Release Date: 03/17/2011
Lust Date: 03/16/2011
Region: Southwest
Lust ID: 6526
UST ID: 619784
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Confirmed Above Cleanup Levels
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Lat/Long: 47.2521230 / -122.43639

Name: 1201 A STREET SITE KEY BANK
Address: 1201 A ST
City,State,Zip: TACOMA, WA 98402
Facility ID: 22366696
Lust Status Type: LUST - Cleanup Started
Cleanup Site ID: 3386
Cleanup Unit Type: Upland
Process Type: Independent Action

A STREET SITE (Continued) **1001969662**

Cleanup Unit Name:	1201 A STREET,A STREET SITE,KEY BANK A ST PROPERTY
Response Section:	Southwest
Release Date:	03/17/2011
Lust Date:	03/16/2011
Region:	Southwest
Lust ID:	6526
UST ID:	619784
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Levels
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Lat/Long:	47.2521230 / -122.43639

ALLSITES:

Name:	1201 A STREET SITE KEY BANK
Facility Id:	22366696

RCRA Listings:

Date Form Received by Agency:	2006-03-04 00:00:00.0
Handler Name:	A STREET SITE
Handler Address:	1201 A ST
Handler City,State,Zip:	TACOMA, WA 98402
EPA ID:	WAH000010264
Contact Name:	JEREMY PORTER
Contact Address:	811 1ST AVE STE 480
Contact City,State,Zip:	SEATTLE, WA 98104
Contact Telephone:	206-838-5835
Contact Fax:	Not reported
Contact Email:	JPORTER@ASPECTCONSULTING.COM
Contact Title:	Not reported
EPA Region:	10
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	WA
State District:	SWRO
Mailing Address:	PO BOX 1872
Mailing City,State,Zip:	TACOMA, WA 98401
Owner Name:	HAUB BROTHERS ENTERPRISES TRUST
Owner Type:	Private
Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

A STREET SITE (Continued) **1001969662**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-05-10 17:13:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

A STREET SITE (Continued) **1001969662**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN B
Legal Status:	Private
Date Became Current:	1999-12-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620

A STREET SITE (Continued) **1001969662**

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
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Legal Status:	Private
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Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

A STREET SITE (Continued) **1001969662**

Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-12-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
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Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST

A STREET SITE (Continued) **1001969662**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
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Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	A STREET SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

A STREET SITE (Continued) **1001969662**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS E H
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported

A STREET SITE (Continued) **1001969662**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-12-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	A STREET SITE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 A ST
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC

A STREET SITE (Continued) **1001969662**

Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private

A STREET SITE (Continued) **1001969662**

Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAUB BROTHERS ENTERPRISES TRUST
Legal Status:	Private
Date Became Current:	1999-07-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	WILLIAMS, KASTNER & GIBBS PLLC
Owner/Operator City,State,Zip:	TACOMA, WA 98402
Owner/Operator Telephone:	253-593-5620
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-02-14 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-03 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-03-04 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

A STREET SITE (Continued) **1001969662**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1999-12-20 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2000-02-14 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2001-02-16 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2002-01-24 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2003-01-30 00:00:00.0

A STREET SITE (Continued) **1001969662**

Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-10 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-01-17 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-03 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-12-31 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

A STREET SITE (Continued) **1001969662**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2005-12-31 00:00:00.0
Handler Name:	A STREET SITE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	WA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	81293
NAICS Description:	PARKING LOTS AND GARAGES

Facility Has Received Notices of Violation:

No Violations Found:

Evaluation Action Summary:

No Evaluations Found:

FINDS:

Registry ID: 110005396614

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

A STREET SITE (Continued) **1001969662**

Envid:	1001969662
Registry ID:	110005396614
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005396614
Name:	A STREET SITE
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402

WA MANIFEST:

Name:	A STREET SITE
Address:	1201 A ST
City,State,Zip:	TACOMA, WA 98402
Facility Address 2:	Not reported
Facility ID:	22366696
EPA ID:	WAH000010264
NAICS:	81293
State Waste Code Desc:	Not reported
Federal Waste Code Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	No
Mailing Address 2:	Not reported
Treatment by Generator:	No
Mixed Radioactive Waste:	No
Importer of Hazardous Waste:	No
Immediate Recycler:	No
Treatment/Storage/Disposal/Recycling Facility:	No
Generator of Dangerous Fuel Waste:	No
Generator Marketing to Burner:	No
Other Marketers (i.e., blender, distributor, etc.):	No
Utility Boiler Burner:	No
Industry Boiler Burner:	No
Industrial Furnace:	No
Smelter Defferal:	No
Universal Waste:	Not reported
Off-Specification:	Not reported
LN Address 2:	1145 Broadway Plaza Ste 1000
Tax Reg #:	600018312
Business Type:	Not reported
Mail Name:	Not reported
Mailing Address:	PO BOX 1872
Mailing City,State,Zip:	TACOMA, WA 98401-1872
Legal Organization Name:	Haub Brothers Enterprises Trust
Legal Organization Type:	Private
Legal Contact:	Not reported
Legal Address:	Williams Kastner & Gibbs PLLC
Legal Address 2:	1145 Broadway Plaza Ste 1000
Legal City,State,Zip:	TACOMA, WA 98402
Legal Phone Number:	(253)593-5620
Legal Effective Date:	07/09/1999
Land Organization Name:	Haub Brothers Enterprises Trust
Land Organization Type:	Private
Land Contact:	John Barline
Land Address:	Williams Kastner & Gibbs PLLC
Land City,State,Zip:	TACOMA, WA 98402
Land Phone Number:	(253)593-5620
Operator Organization Name:	Haub Brothers Enterprises Trust
Operator Organization Type:	Private

A STREET SITE (Continued) **1001969662**

Operator:	John Barline
Operator Address:	Williams Kastner & Gibbs PLLC
Operator Address 2:	1145 Broadway Plaza Ste 1000
Operator City,State,Zip:	TACOMA, WA 98402
Operator Phone Number:	(253)593-5620
Operator Effective Date:	12/21/1999
Site Contact:	Michael Hickey
Site Contact Address:	PO Box 2181
Contact City,State,Zip:	TACOMA, WA 98401
Site Contact Phone Number:	(253)779-2401
Site Contact Email:	Not reported
Gen Status Code:	XQG
Monthly Generation:	No
Batch Generation:	No
One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Site Contact Address 2:	Not reported

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330 North 1/2-1 0.969 mi. 5117 ft. | **PETRICH MARINE DOCK**
1118 TO 1120 E D ST
TACOMA, WA 98421 | **WA CSCSL** **S107747489**
WA INST CONTROL **N/A**
WA ALLSITES

Relative: Lower
Actual: 14 ft.

CSCSL:

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility ID:	414876
Region:	Southwest
Lat/Long:	47.253449318087 / -122.4311931197
Clean Up Siteid:	3980
Site Status:	Cleanup Started
Contaminant Name:	Arsenic
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

PETRICH MARINE DOCK (Continued) **S107747489**

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Halogenated Organics
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Lead
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Metals Priority Pollutants
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True

PETRICH MARINE DOCK (Continued) **S107747489**

Current VCP: Not reported
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876
Region: Southwest
Lat/Long: 47.253449318087 / -122.4311931197
Clean Up Siteid: 3980
Site Status: Cleanup Started
Contaminant Name: Petroleum-Diesel
Alternate Site Names: Not reported
Site Rank: Not reported
Has Institutional Control: True
Past VCP: True
Current VCP: Not reported
Ground Water: Remediated-Below
Surface Water: Not reported
Soil: Remediated-Below
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: PETRICH MARINE DOCK
Address: 1118 TO 1120 E D ST
City,State,Zip: TACOMA, WA 98421
Facility ID: 414876

PETRICH MARINE DOCK (Continued) **S107747489**

Region:	Southwest
Lat/Long:	47.253449318087 / -122.4311931197
Clean Up Siteid:	3980
Site Status:	Cleanup Started
Contaminant Name:	Polycyclic Aromatic Hydrocarbons
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	True
Past VCP:	True
Current VCP:	Not reported
Ground Water:	Remediated-Below
Surface Water:	Not reported
Soil:	Remediated-Below
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

INST CONTROL:

Name:	PETRICH MARINE DOCK
Address:	1118 TO 1120 E D ST
City,State,Zip:	TACOMA, WA 98421
Facility Site ID:	414876
Latitude:	47.253449318
Longitude:	-122.43119312
Instrument Type:	Environmental Covenant
NFA Date:	Not reported
County Filing # For Individual IC Doc:	2.0190524015e+011
Filing Date Of Individual IC Doc:	05/24/2019
Education Programs:	False
Maintenance Requirements:	False
Restrictive Signage:	False
Soil Restriction:	False
Alternate Site Names:	Not reported
Surface Water Restriction:	False
Site Status:	Cleanup Started
Swimming Restriction:	False
Tax Parcel Number:	8950001071
Control Active:	True
CS ID:	3980
Region:	Southwest
Responsible Unit:	Southwest
Restrict Shellfish/Finfish Harvesting:	False
Prohibit Removal/Alteration of Buildings:	False
Prohibit New Building Construction:	False
Control Stormwater:	False
Control Vapor/Gas:	True
Restrict Sediment Cap Disturbance:	True
Maintain/Protect Monitoring System:	False
Other:	False
Restrict Land Use:	True
Media Restrictions:	Groundwater; Soil
Restrict All Ground Water Use:	True
Prohibit Domestic Ground Water Well Installation:	False
Prohibit All Soil Disturbance:	False
Access Barrier:	False

PETRICH MARINE DOCK (Continued) **S107747489**

ALLSITES:
Name: PETRICH MARINE DOCK
Facility Id: 414876

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331 SSW 1/2-1 0.982 mi. 5185 ft. **SWIFT RESIDENTIAL PROPERTY** **WA CSCSL** **S118821390**
3608 S D ST **WA ALLSITES** **N/A**
TACOMA, WA 98418

Relative: Higher
Actual: 339 ft.

CSCSL:

Name:	SWIFT RESIDENTIAL PROPERTY
Address:	3608 S D ST
City,State,Zip:	TACOMA, WA 98418
Facility ID:	9579
Region:	Southwest
Lat/Long:	47.2266006 / -122.436456
Clean Up Siteid:	13112
Site Status:	Cleanup Started
Contaminant Name:	Petroleum-Other
Alternate Site Names:	Not reported
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:
Name: SWIFT RESIDENTIAL PROPERTY
Facility Id: 9579

Count: 15 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PIERCE COUNTY	S118401839	LAKES DRYWALL DUMP	100TH ST SW AND NEAR S TACOMA		WA SWF/LF
PIERCE COUNTY	S118401950	OCCIDENTAL CHEMICAL-SITE II	26TH AVE E AND N OF PACIFIC HW		WA SWF/LF
PIERCE COUNTY	S118401944	O'CONNER DEMOLITION FILL	BETWEEN 19TH AND 21ST ST NE AN		WA SWF/LF
PIERCE COUNTY	S118401717	FERGUSON-MATHIAS ROAD DUMP	5818 MATHIAS ROAD E		WA SWF/LF
TACOMA	S124436314	NILSEN PLAT TOWNHOMES	2303 & 2315 S G ST	98405	WA VCP
TACOMA	S115342497	FREIGHTHOUSE SQUARE	25TH & G STREET E		WA RGA HWS
TACOMA	S124432425	PORTAC INC TACOMA	4215 SR 509 E FRONTAGE RD	98421	WA VCP
TACOMA	S124435155	TPU PASSMORE PROPERTY	1716 72ND ST E	98404	WA VCP
TACOMA	S124433267	BAY TERRACE AKA HILLSIDE TERRACE	SOUTH G STREET AND SOUTH YAKIM	98405	WA VCP
TACOMA	1012210126	SOUTH TACOMA CHANNEL SEEP,	NEAR 800 BLOCK OF SO TACOMA WA	98409	SEMS
TACOMA	S118401748	GRICE DUMP	S OF THE INTERSECTION OF 25TH		WA SWF/LF
TACOMA	S103504390	US OIL/HYUNDAI TERMINAL	PORT OF TACOMA ROAD	98421	WA ICR
TACOMA	1010080826	PSE TACOMA HISTORICAL COAL GAS	220 E RIVER STREET	98421	EDR MGP
TACOMA	S104487159	NORTHWEST TRANSMISSION SERVICE	9724 S. TACOMA WAY	98404	WA ICR
TACOMA	S103850623	BIG BROTHERS & BIG SISTERS BUILDIN	8200 TACOMA MALL BLVD.	98409	WA ICR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/26/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 60

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/05/2020
Date Data Arrived at EDR: 06/11/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 20

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations
A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015
Date Data Arrived at EDR: 02/02/2016
Date Made Active in Reports: 05/03/2016
Number of Days to Update: 91

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

ICR: Independent Cleanup Reports
These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002
Date Data Arrived at EDR: 01/03/2003
Date Made Active in Reports: 01/22/2003
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

VCP: Voluntary Cleanup Program Sites
Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 82

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

PTAP: PTAP Site Listing
A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

SWRCY: Recycling Facility List

A llisting of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities
This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 07/22/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List
Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/22/2020
Number of Days to Update: 69

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing
PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 10/05/2020
Number of Days to Update: 81

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6116
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/01/2020
Number of Days to Update: 76

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/15/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners
A listing of inactive drycleaner facility locations.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/08/2020
Date Made Active in Reports: 04/14/2020
Number of Days to Update: 6

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 87

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data
A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 10/02/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County
The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/1985
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle
The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/1984
Date Data Arrived at EDR: 11/07/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 10/21/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project
This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/1986
Date Data Arrived at EDR: 08/18/1995
Date Made Active in Reports: 09/20/1995
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 206-296-4785
Last EDR Contact: 08/14/1995
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District
Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/25/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 29

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/14/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey
Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Ecology
Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix C

Certified Sanborn Map Report

TDLE

TDLE

Federal Way, WA 98003

Inquiry Number: 5773462.1

September 04, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/04/19

Site Name:	Client Name:
TDLE	Parametrix, Inc.
TDLE	700 NE Multnomah
Federal Way, WA 98003	Portland, OR 97232
EDR Inquiry # 5773462.1	Contact: Adam Romey

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Certified Sanborn Results:

Certification # B2C5-4CC5-A27B

PO # TDLE - 5541800030-5.4.5.12

Project TDLE - 5541800030-5.4.5.12

* Environmental Data Resources, Inc. has been instructed by Parametrix, Inc. to print ONLY the Sanborn Maps for the years listed below:

1963 (6)
1950 (6)
1912 (6)
1896 (4)
1888 (2)

Total Maps: 24

Sanborn® Library search results

Certification #: B2C5-4CC5-A27B

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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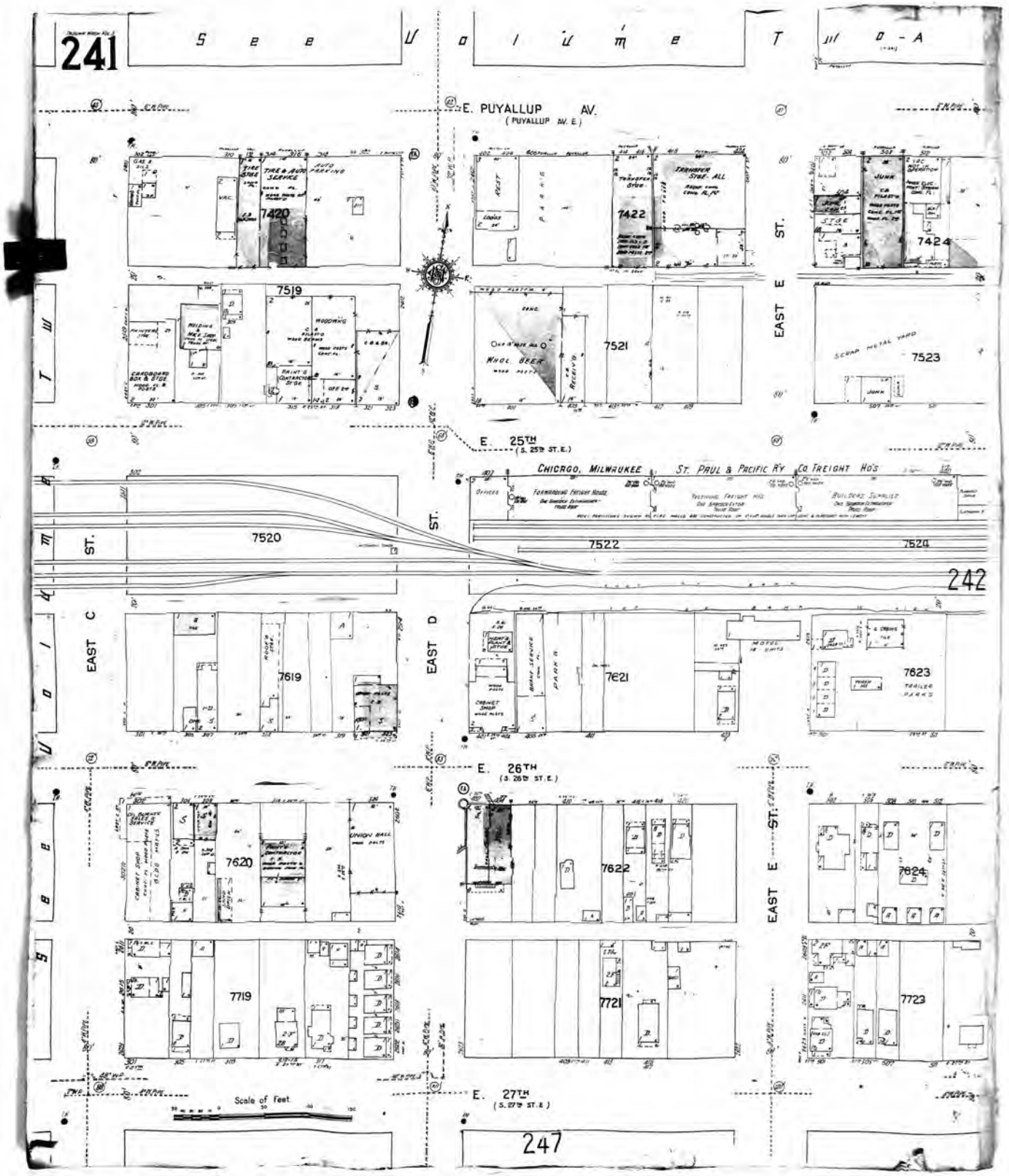

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Certification # B2C5-4CC5-A27B

Site Name:	TDLE
Address:	TDLE
City, ST, ZIP:	Federal Way, WA 98003
Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1963

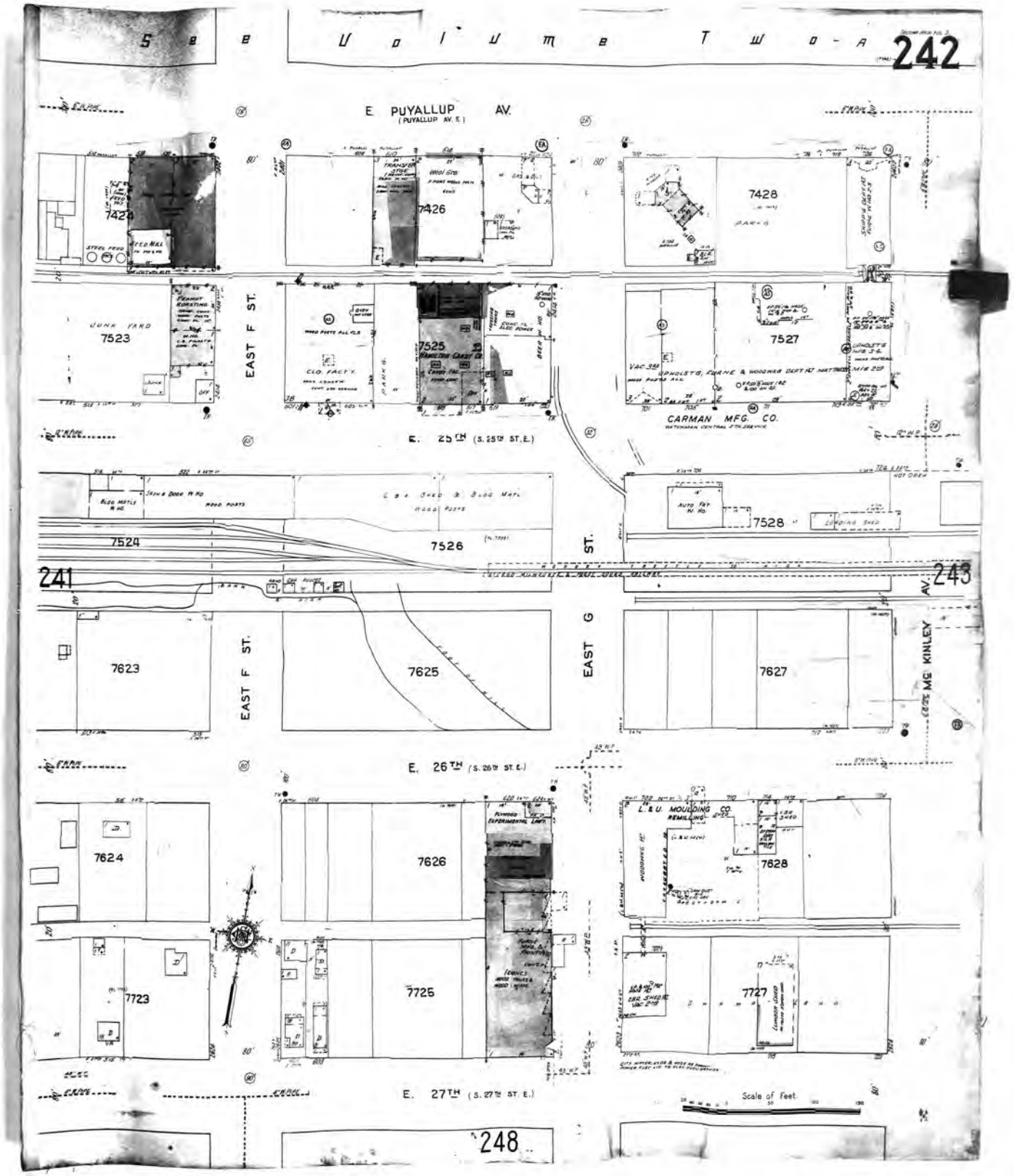

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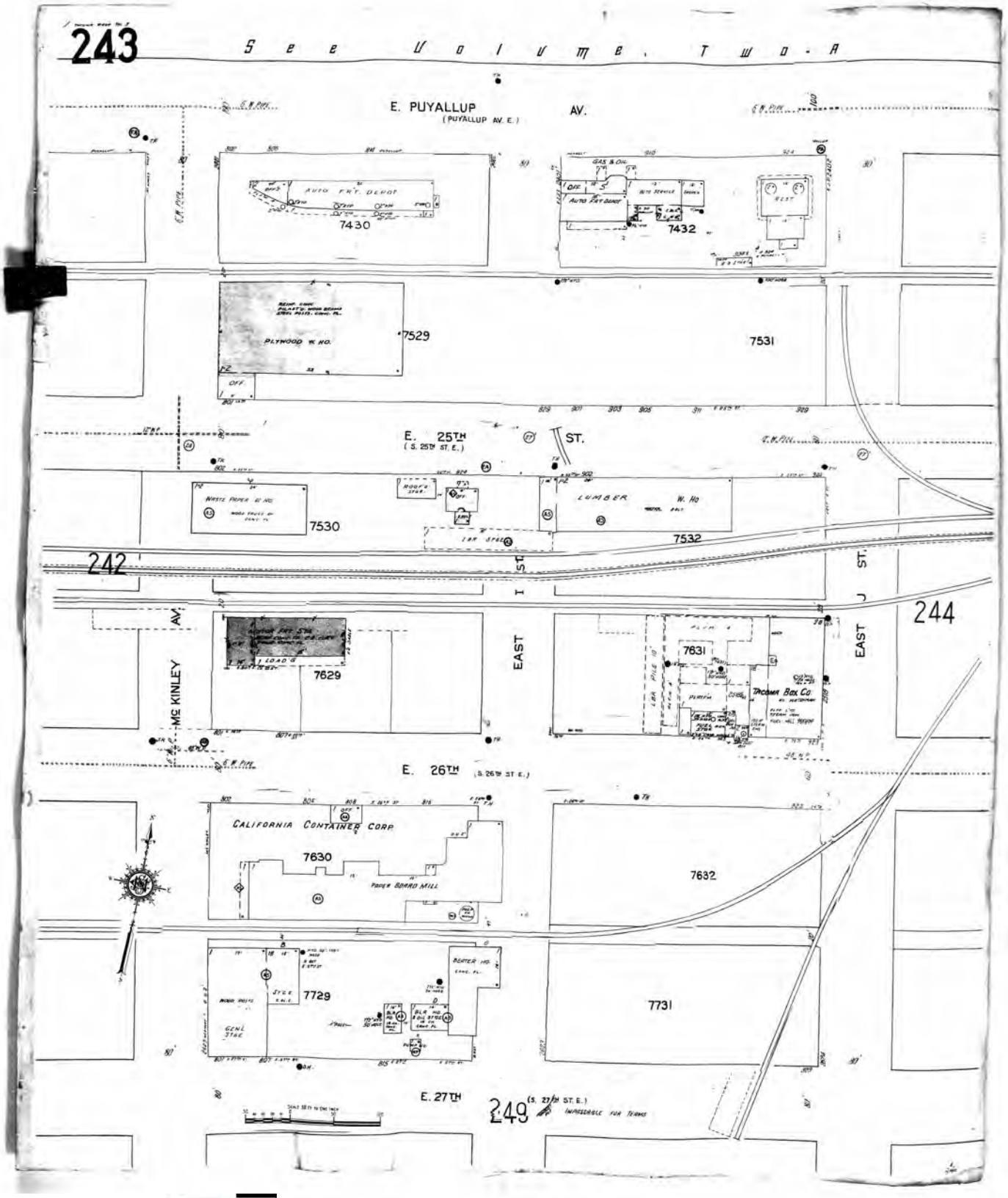

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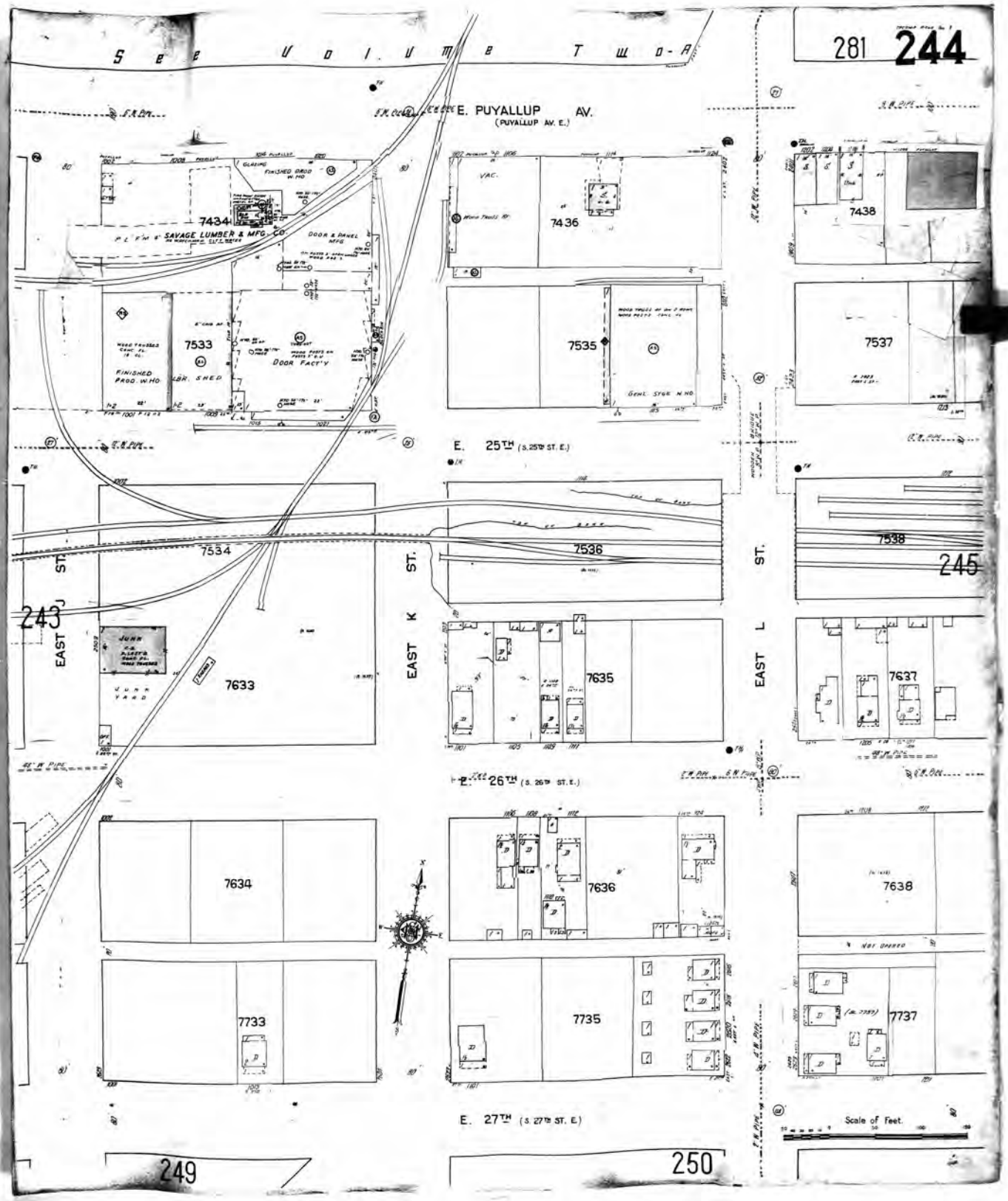

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Copyright	1963

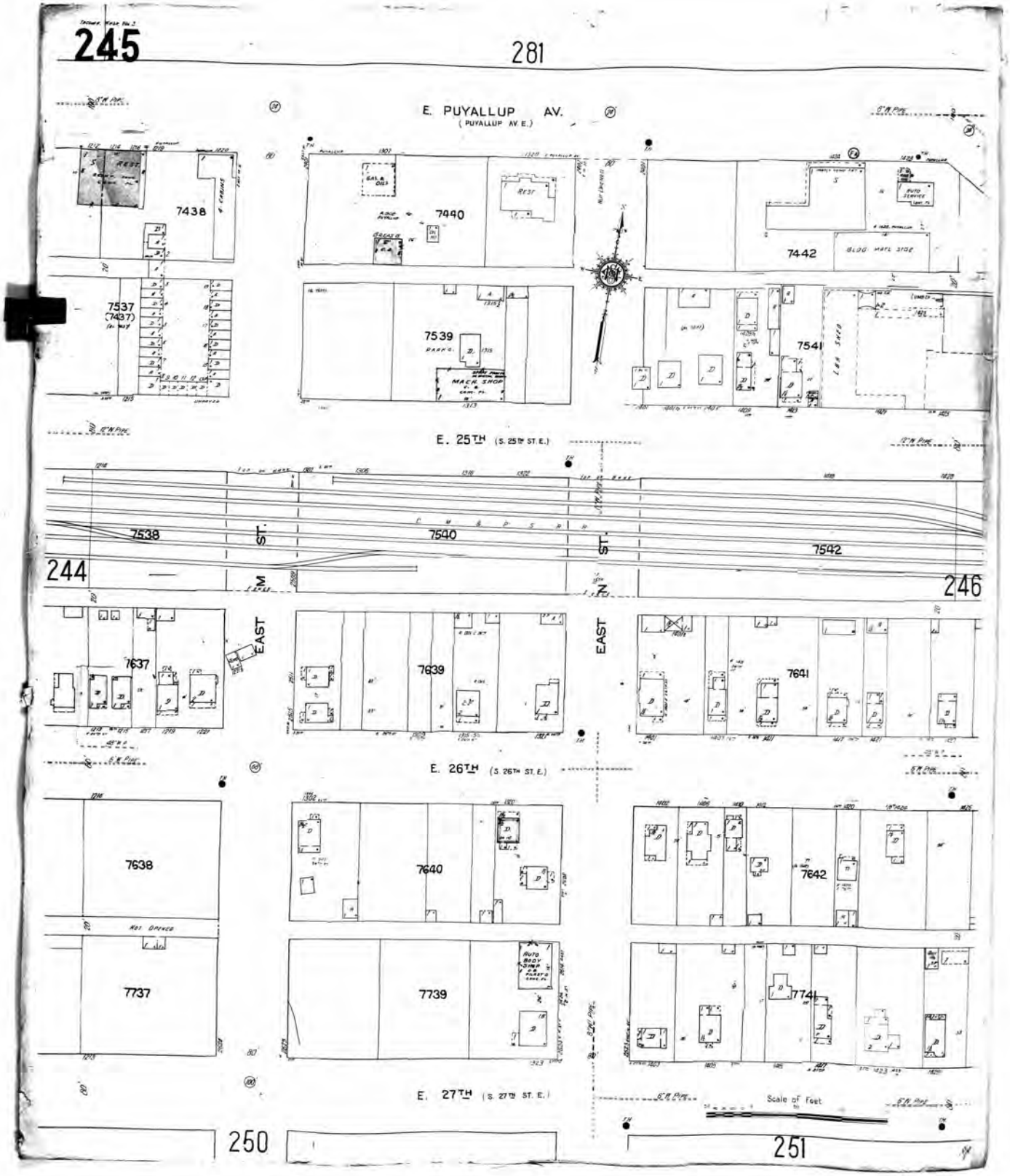

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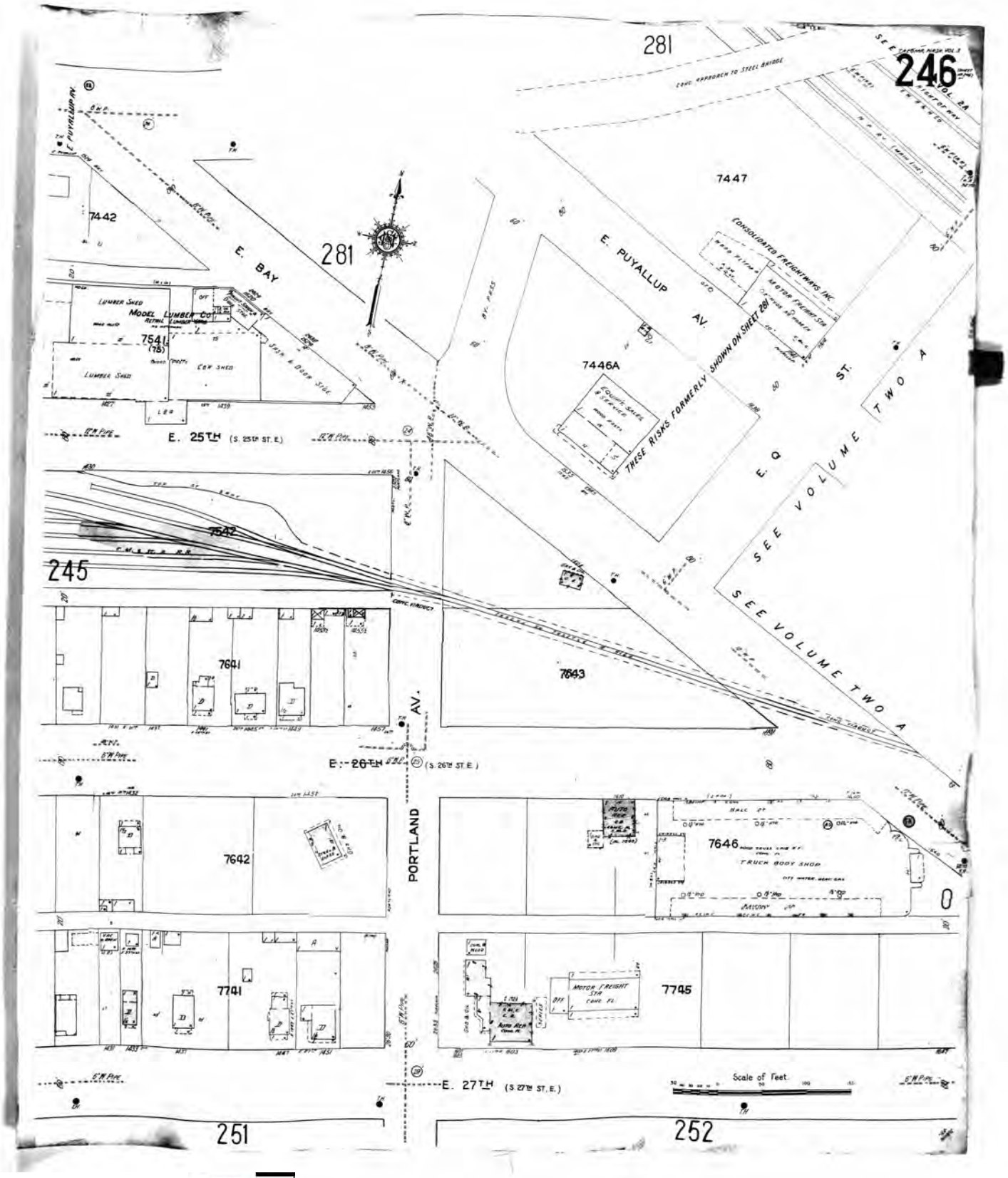

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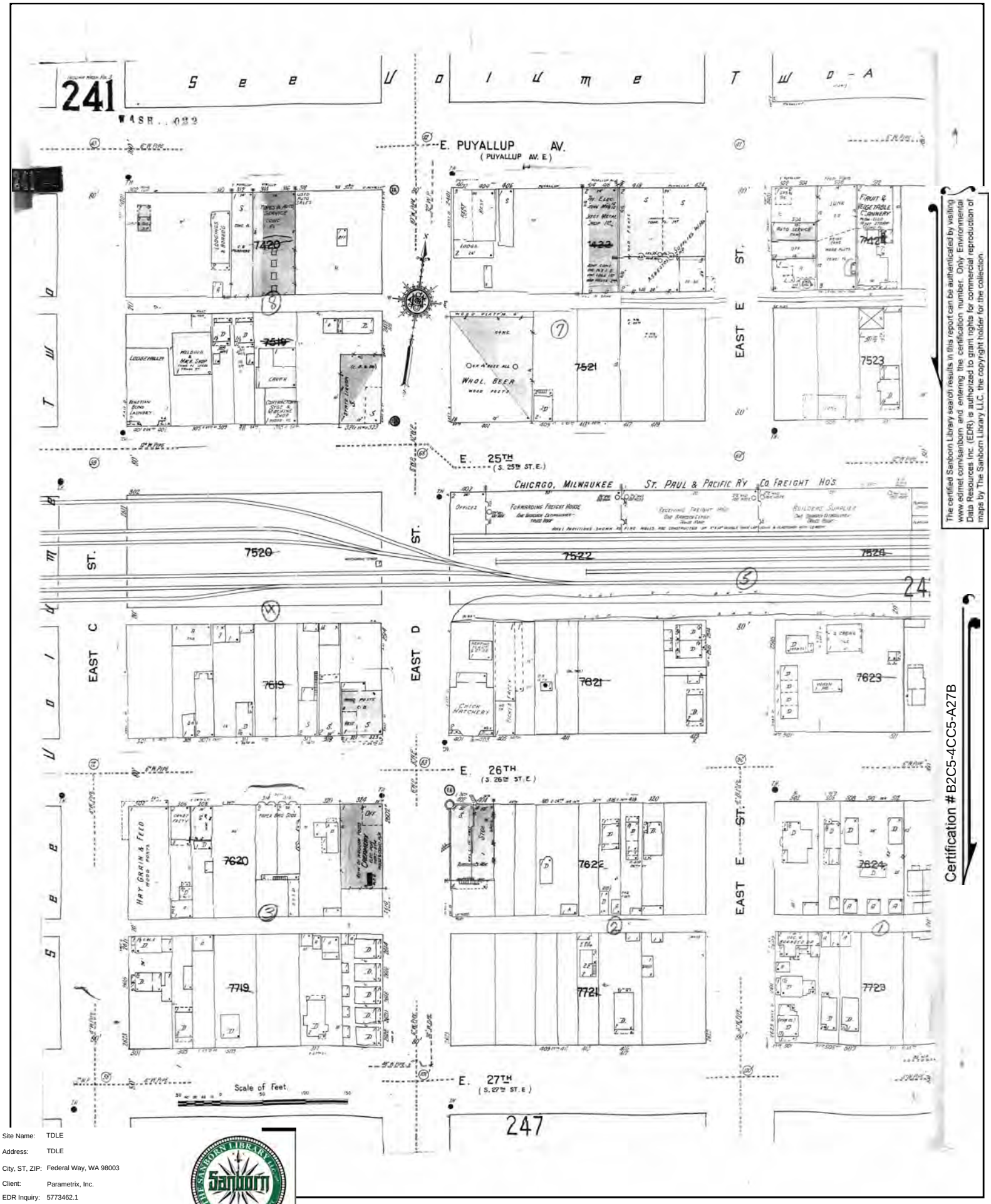

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

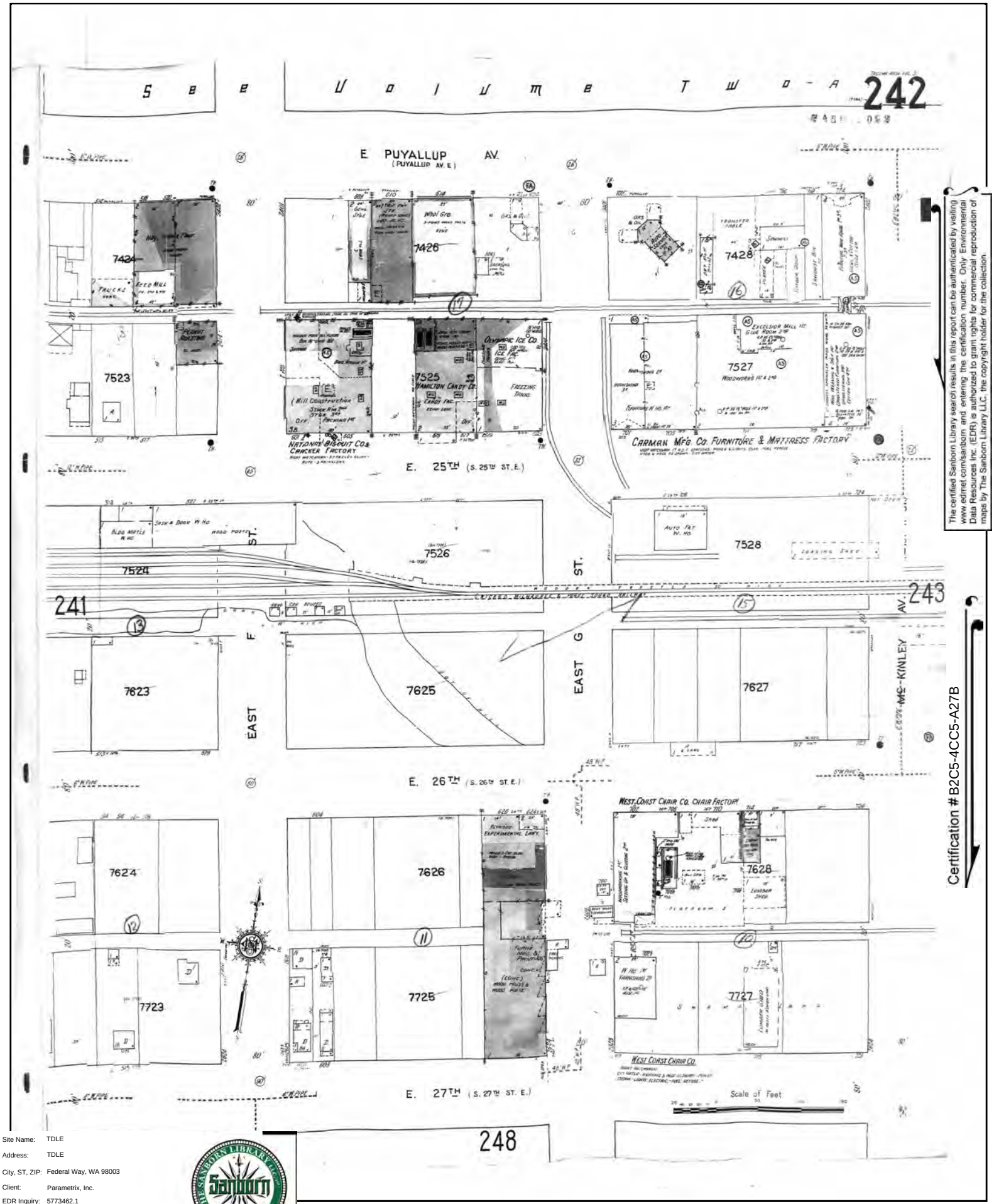

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

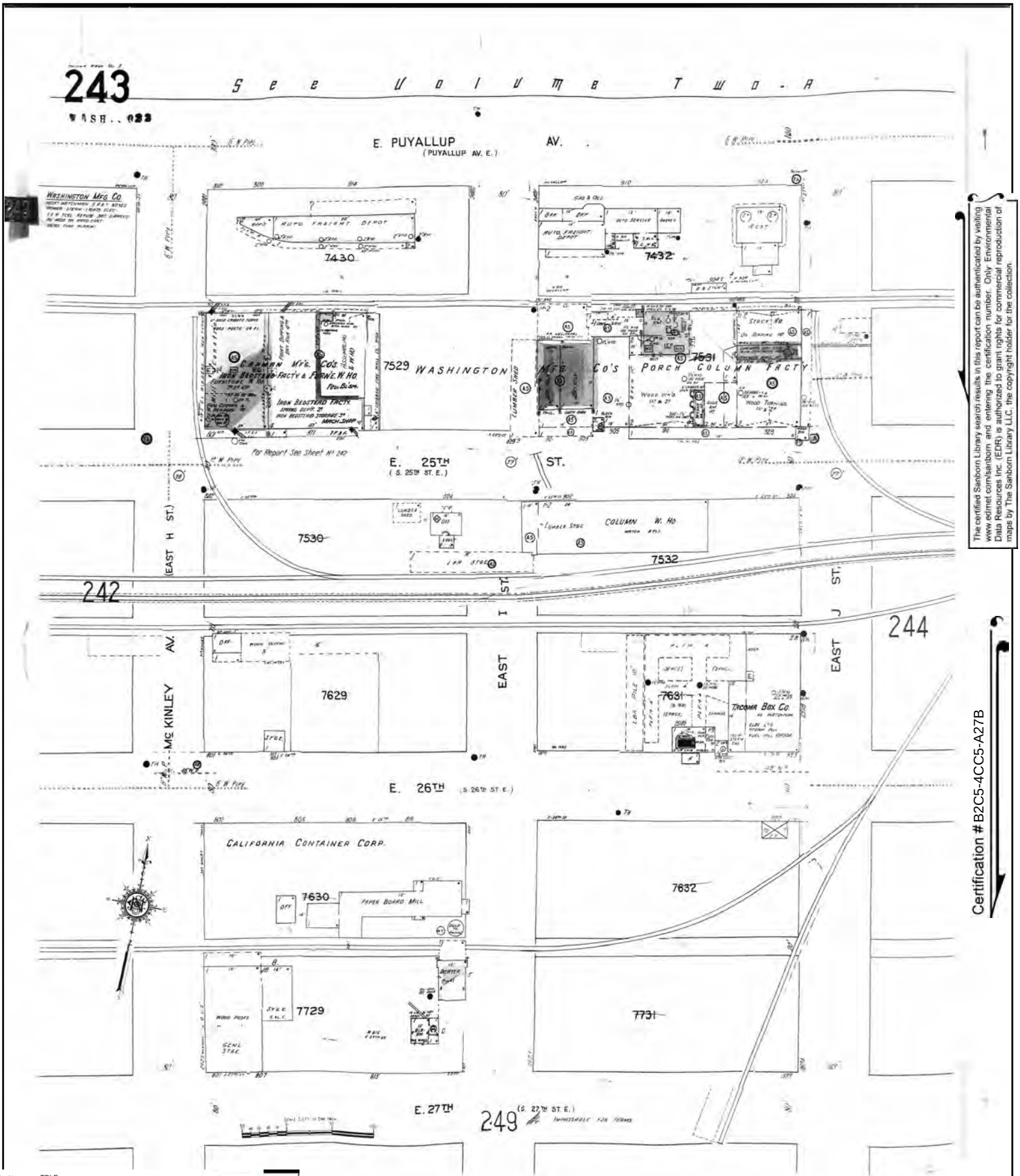

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

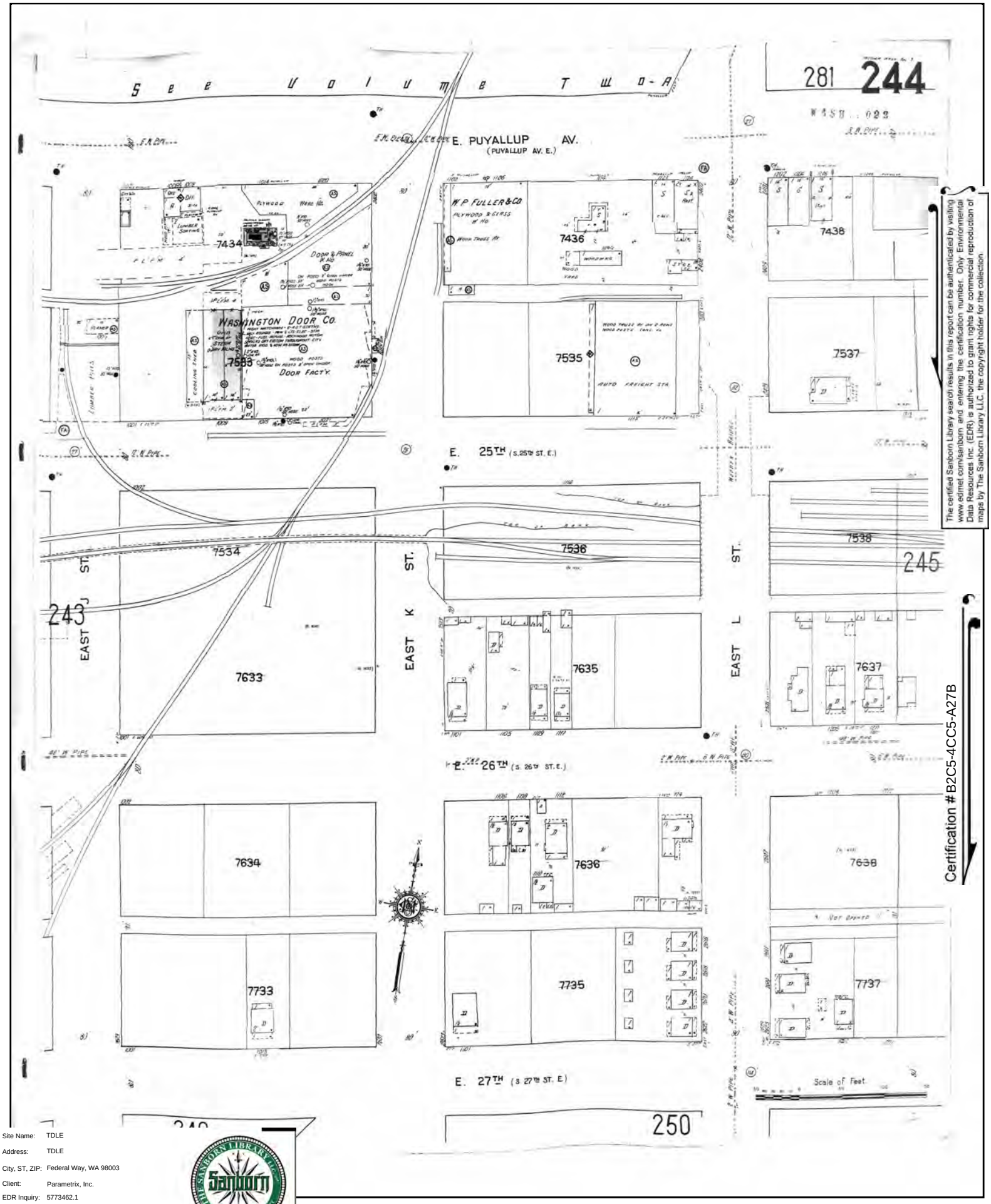

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EDR Inquiry:	5773462.1
Order Date:	09/04/2019
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Copyright	1950

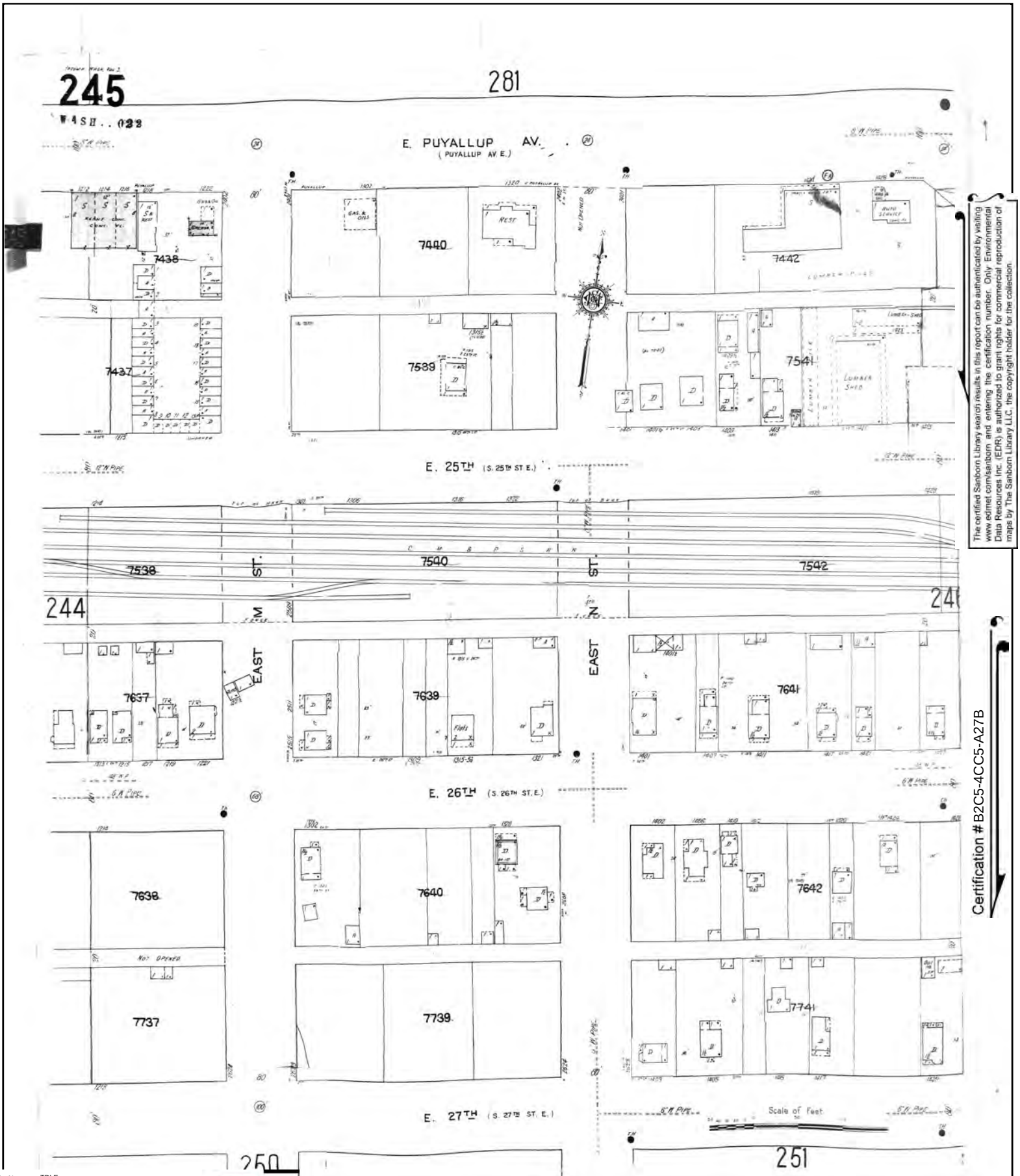

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Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1950

Certified Sanborn® Map

1950

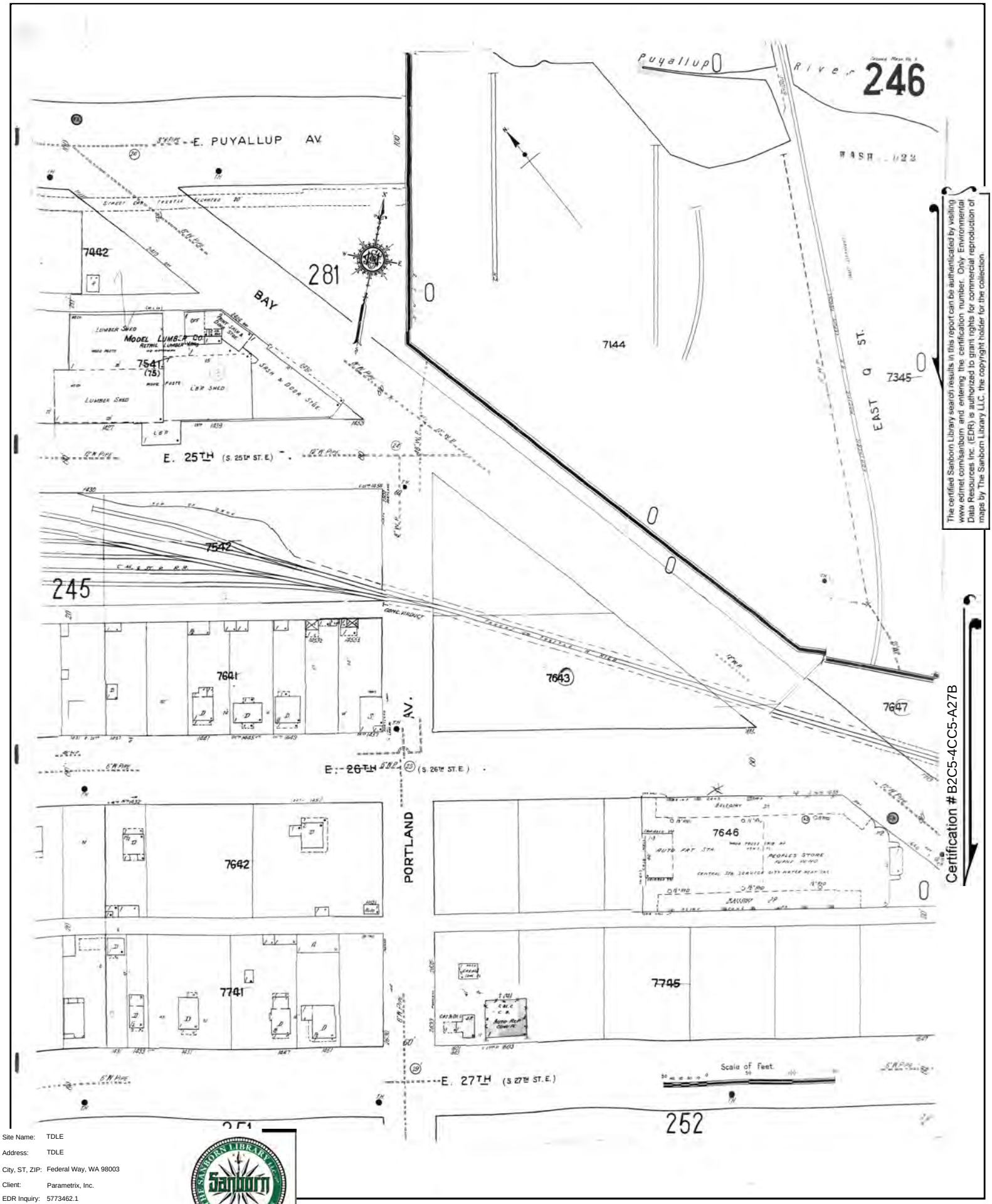

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Copyright	1950

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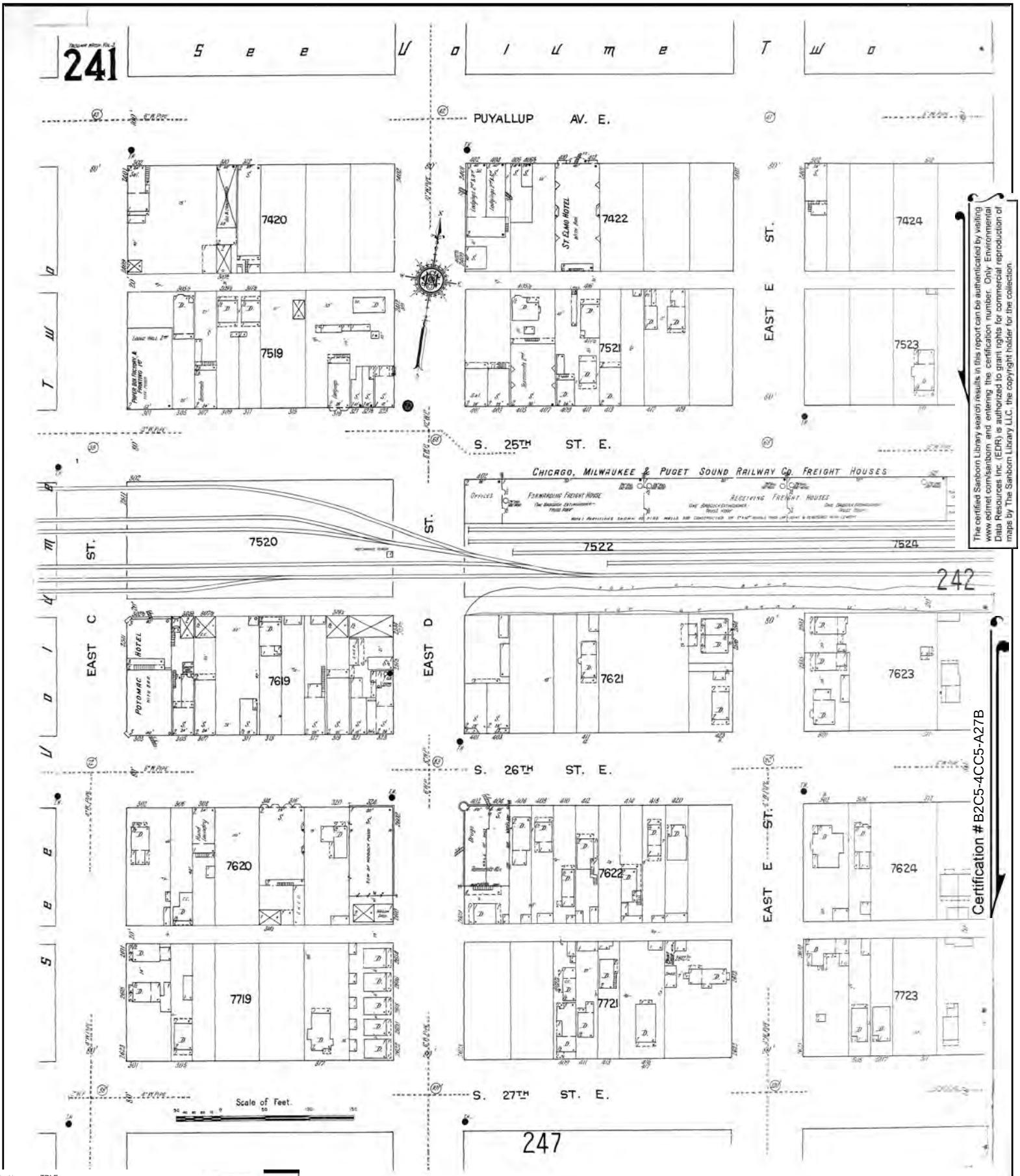

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Order Date:	09/04/2019
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Copyright	1912

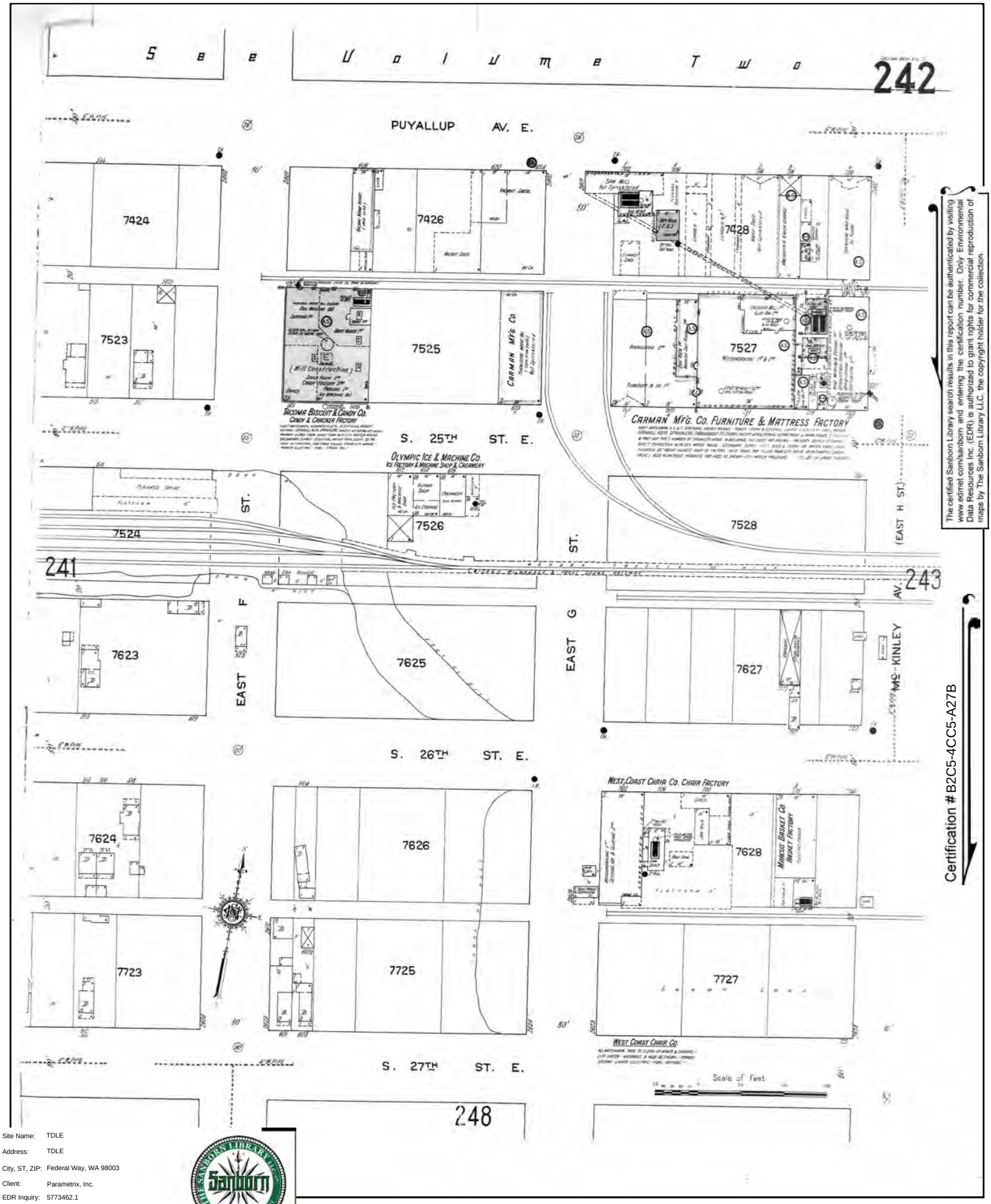

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Copyright	1912

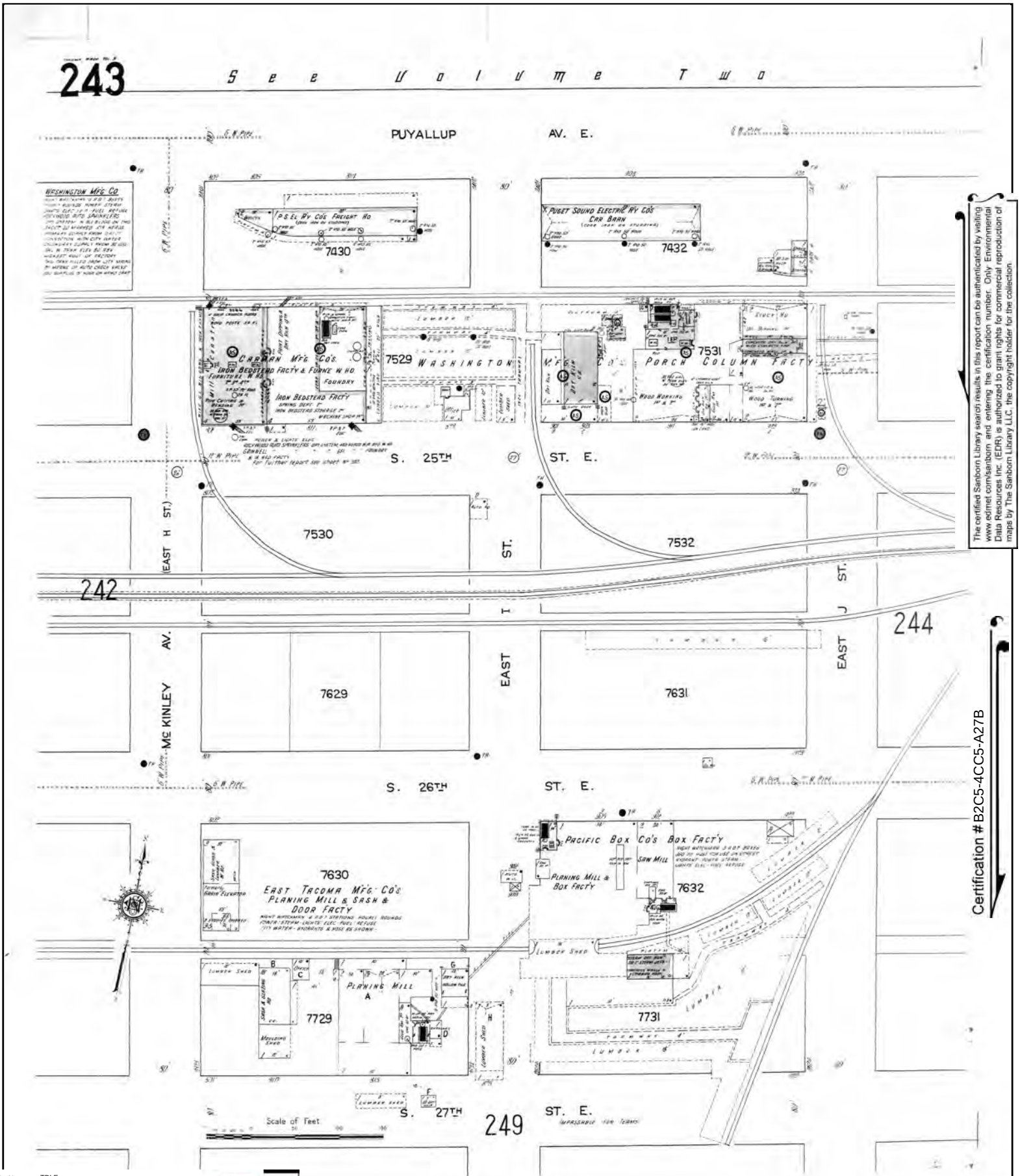

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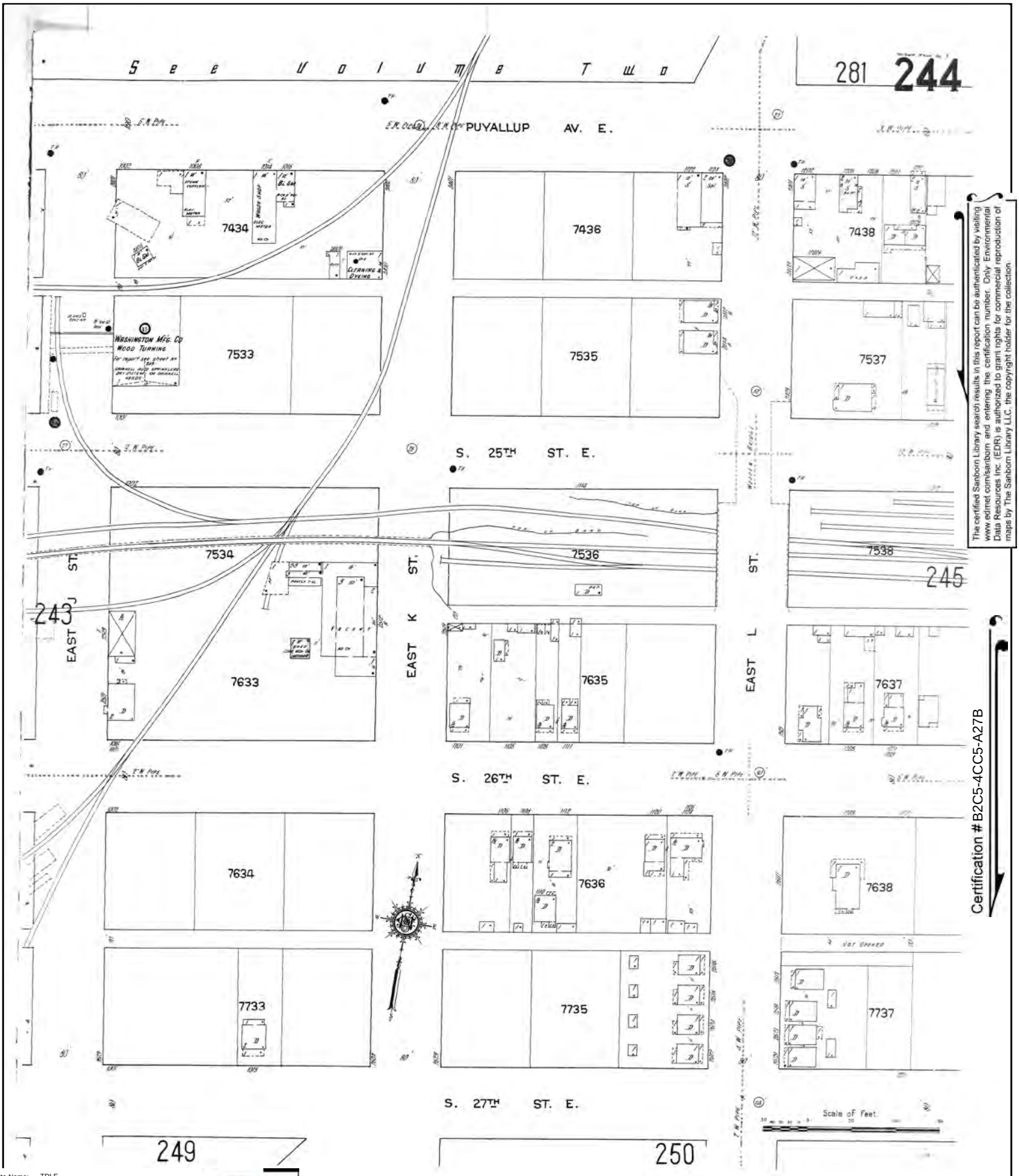

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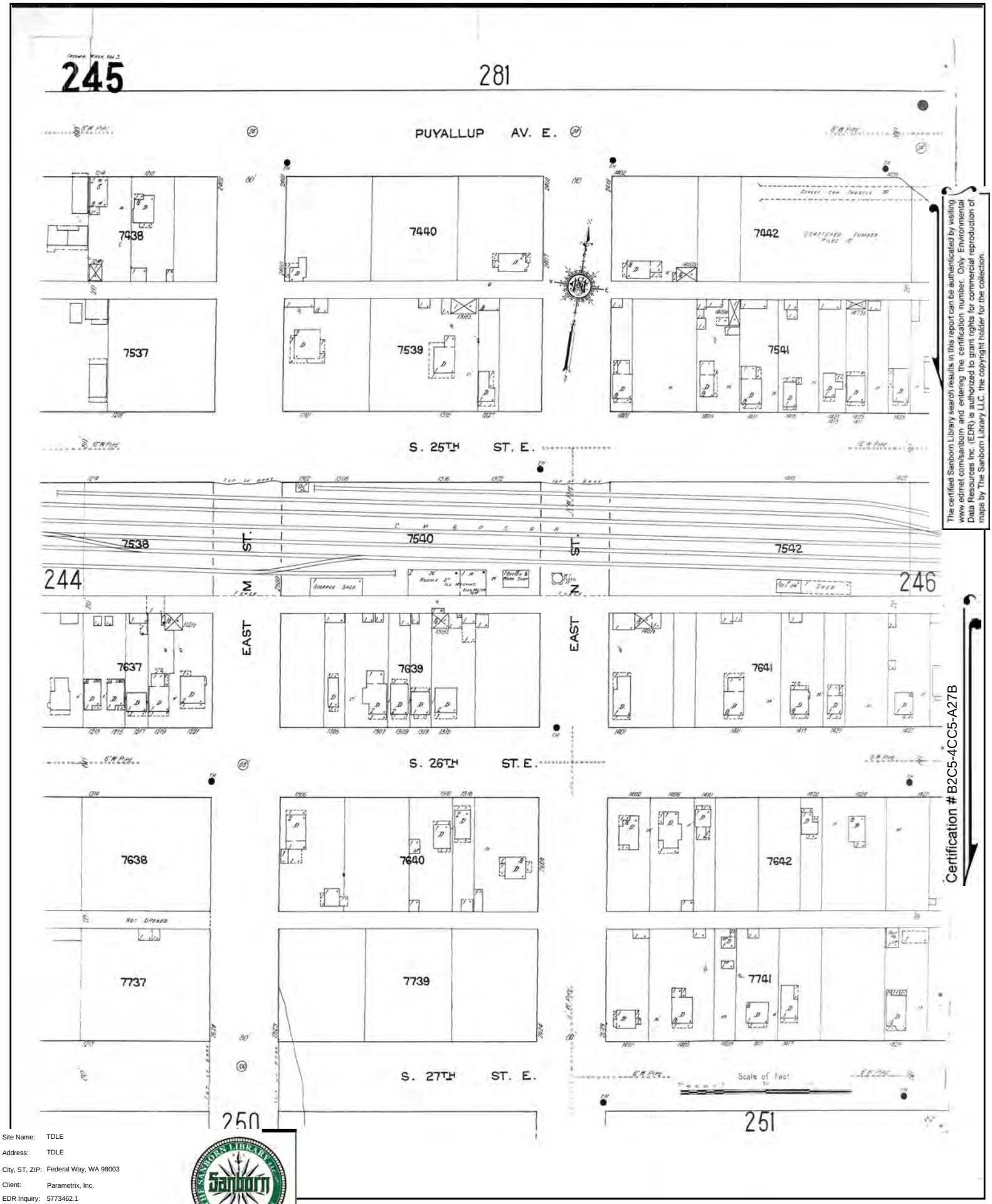

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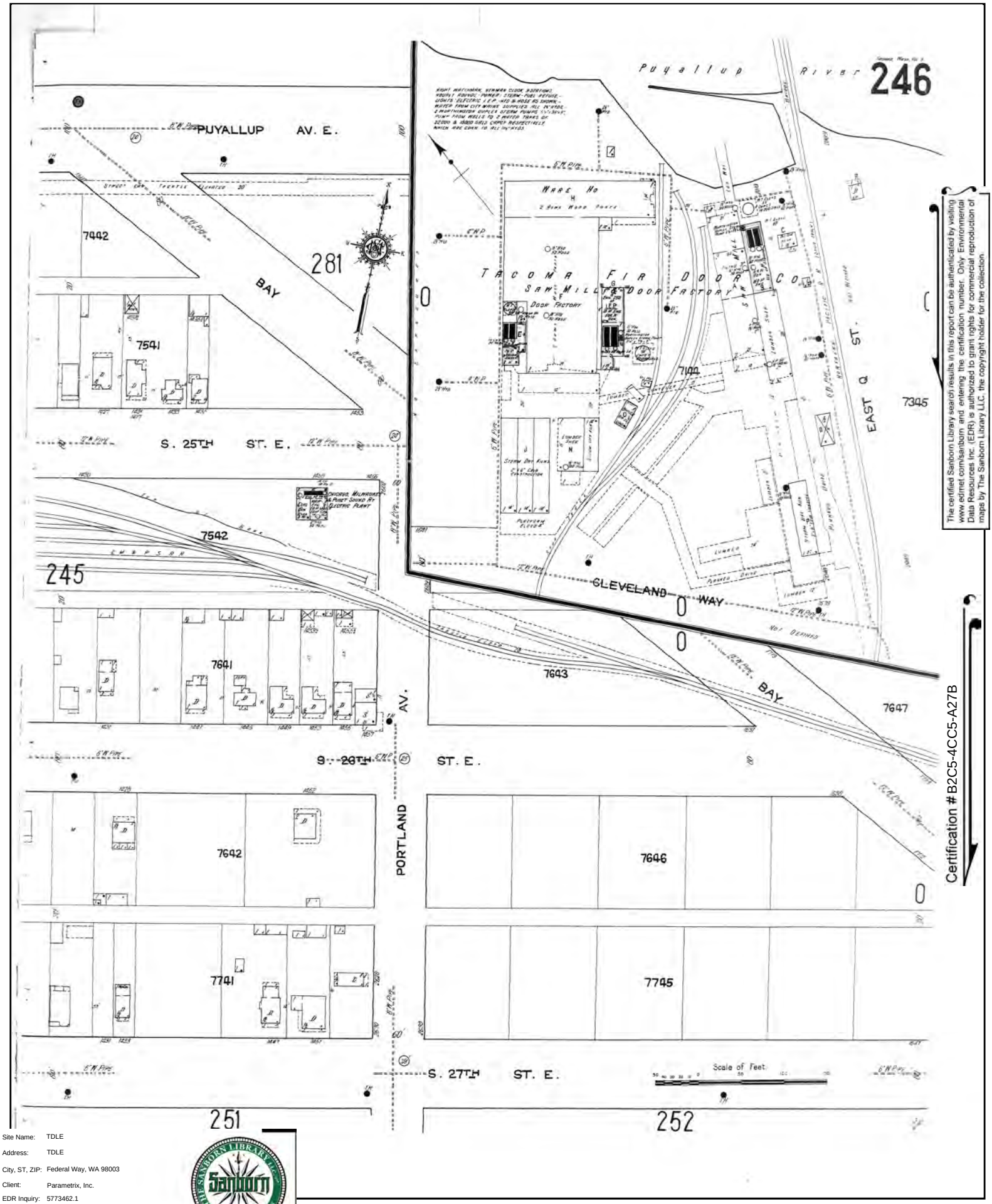

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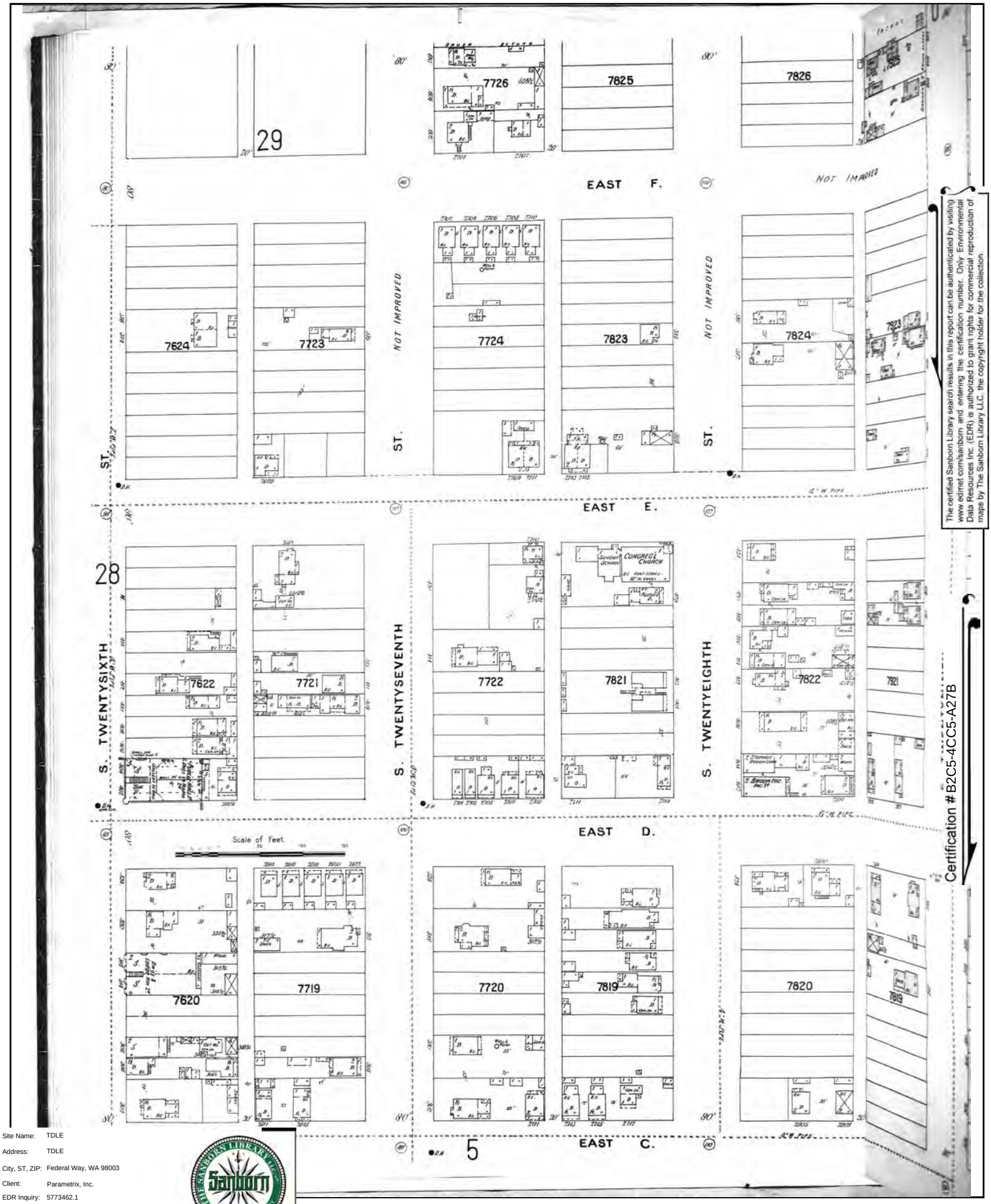

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Copyright	1896

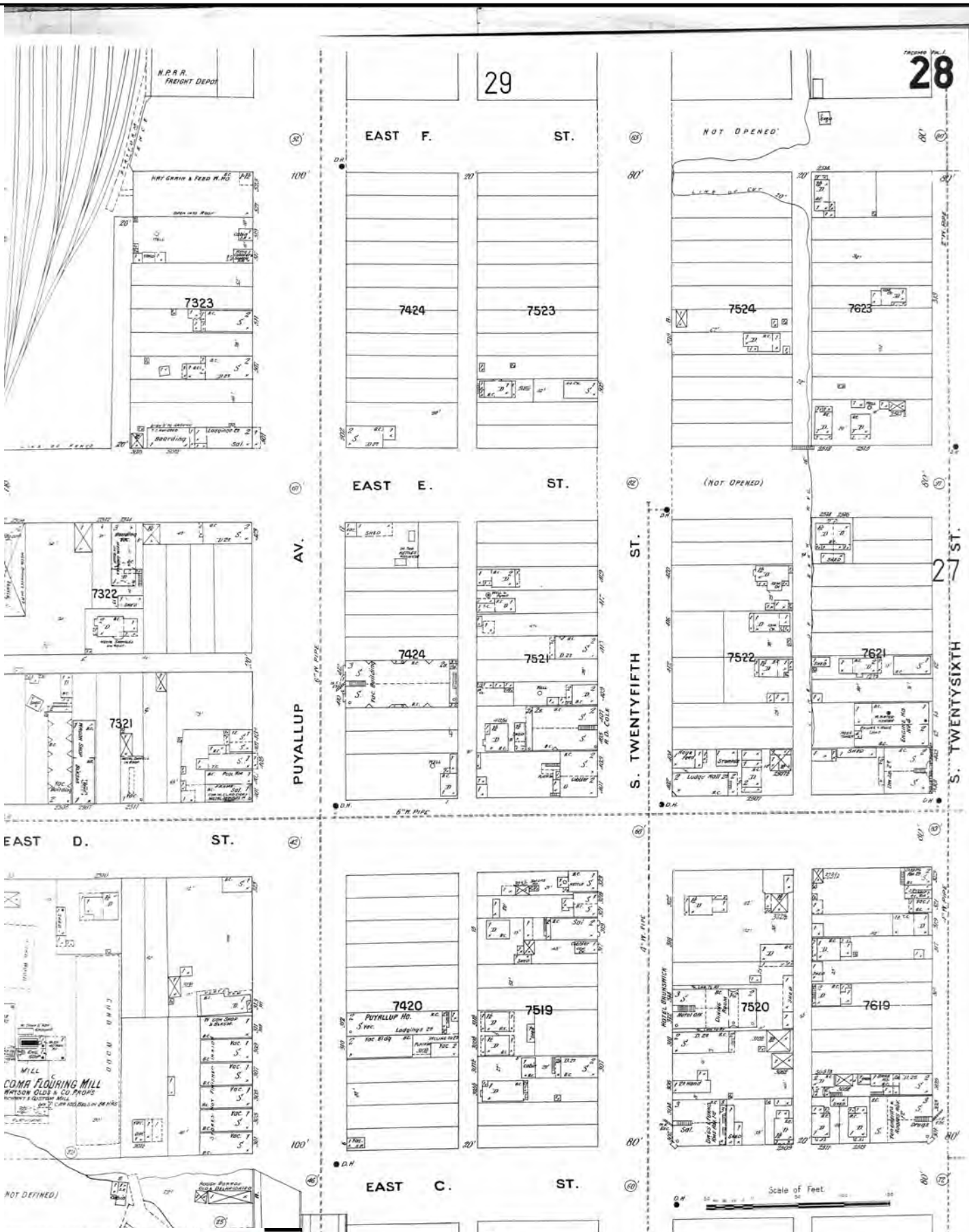

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Copyright	1896

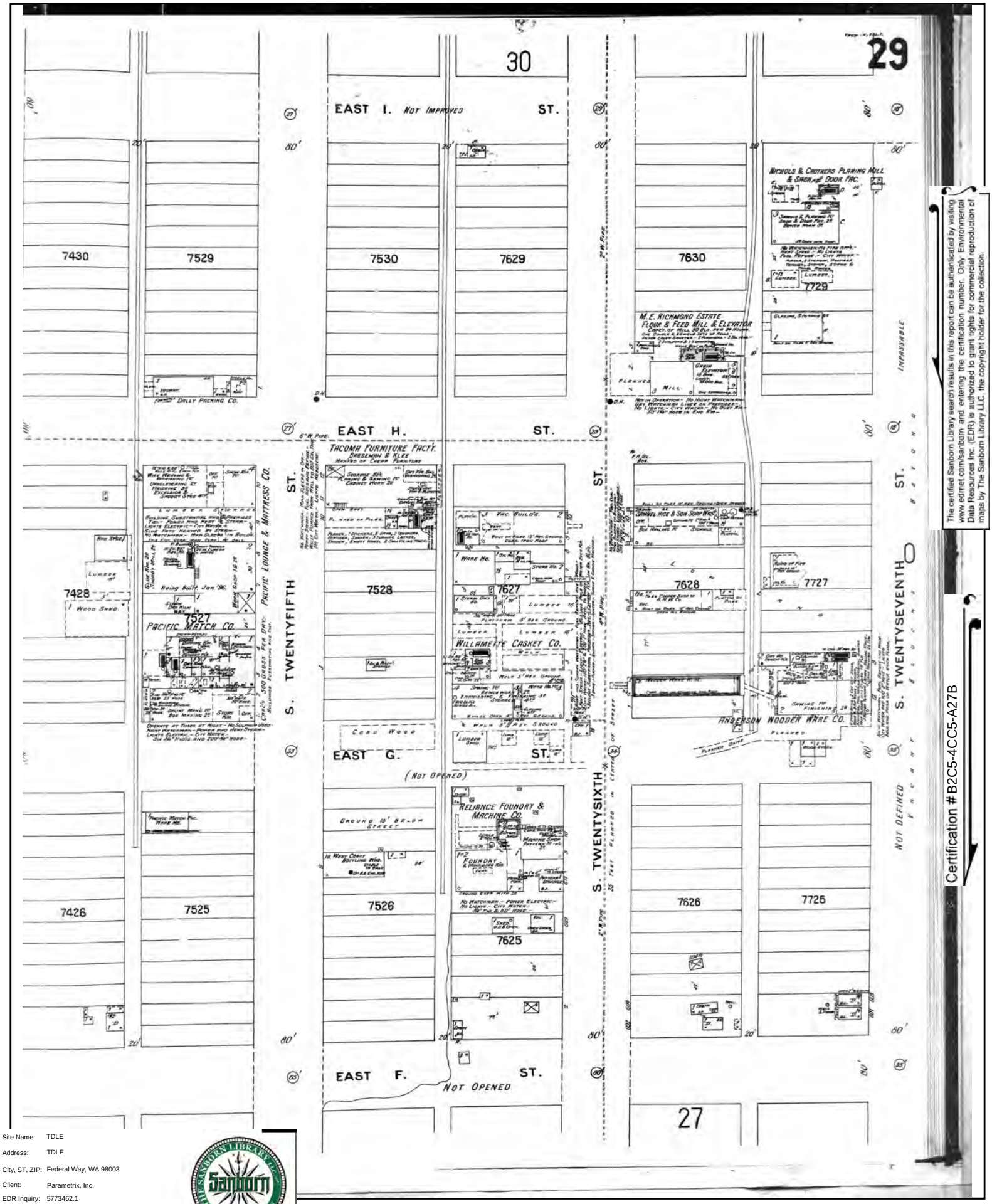

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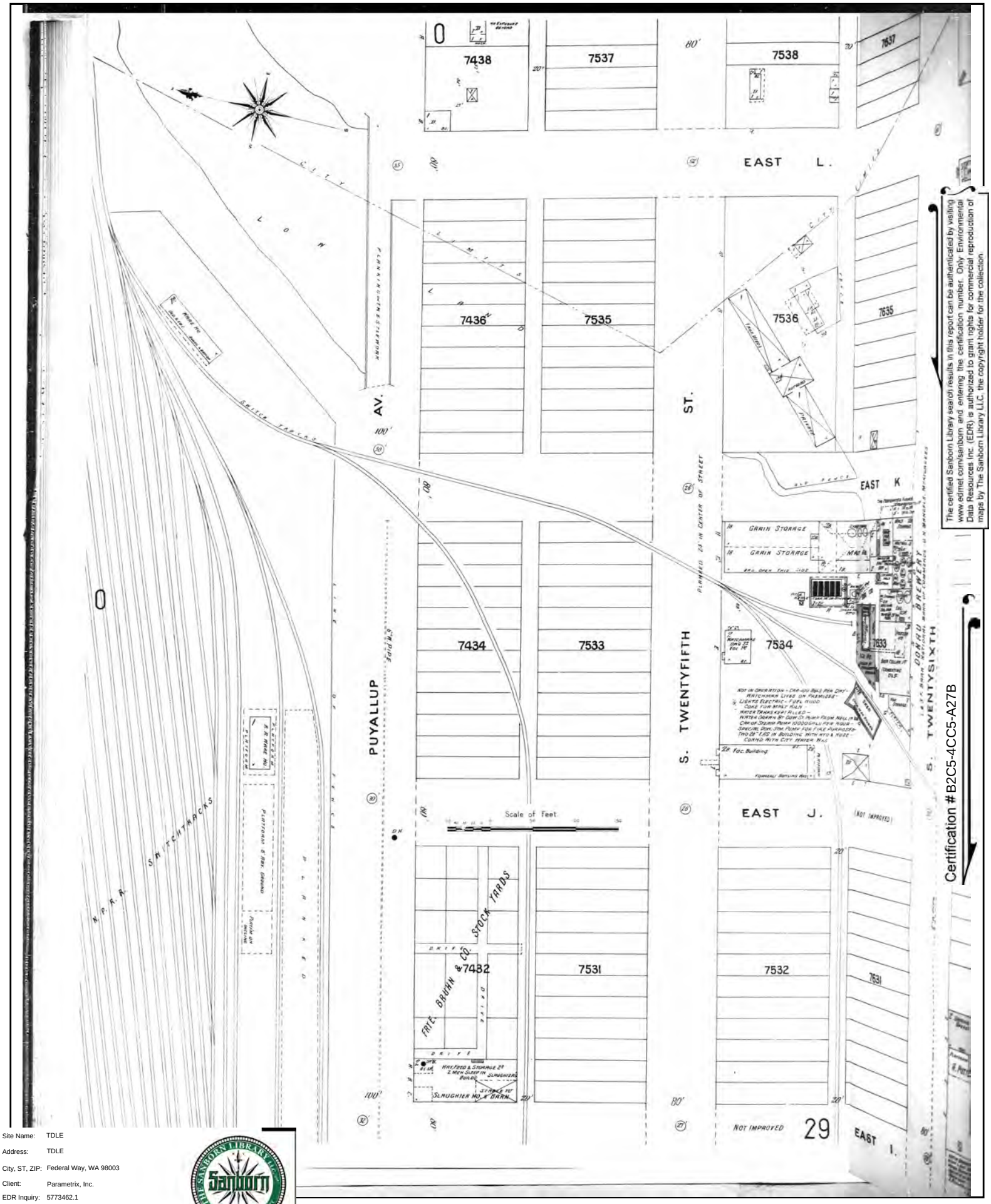

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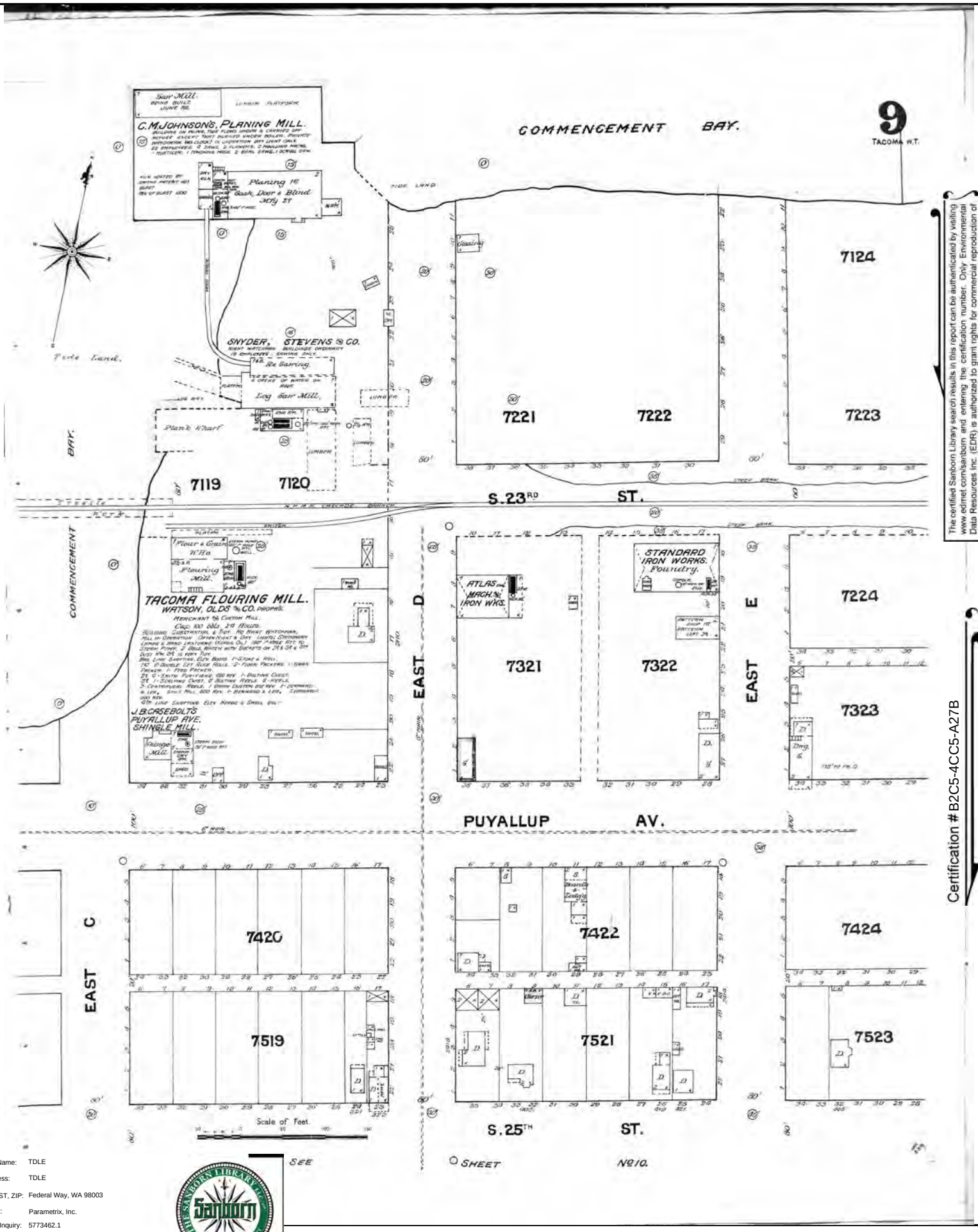

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Certification #	B2C5-4CC5-A27B
Copyright	1888

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Client:	Parametrix, Inc.
EDR Inquiry:	5773462.1
Order Date:	09/04/2019
Certification #	B2C5-4CC5-A27B
Copyright	1888

Appendix D

Historical Aerial Photos

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 1
1941 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 2

1943-1944 Aerial Imagery

Freighthouse Square

2501 East D Street and 602 E 25th Street, Tacoma, WA

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 3

1957 Aerial Imagery

Freighthouse Square

2501 East D Street and 602 E 25th Street, Tacoma, WA

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 4
1968 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 5
1972 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

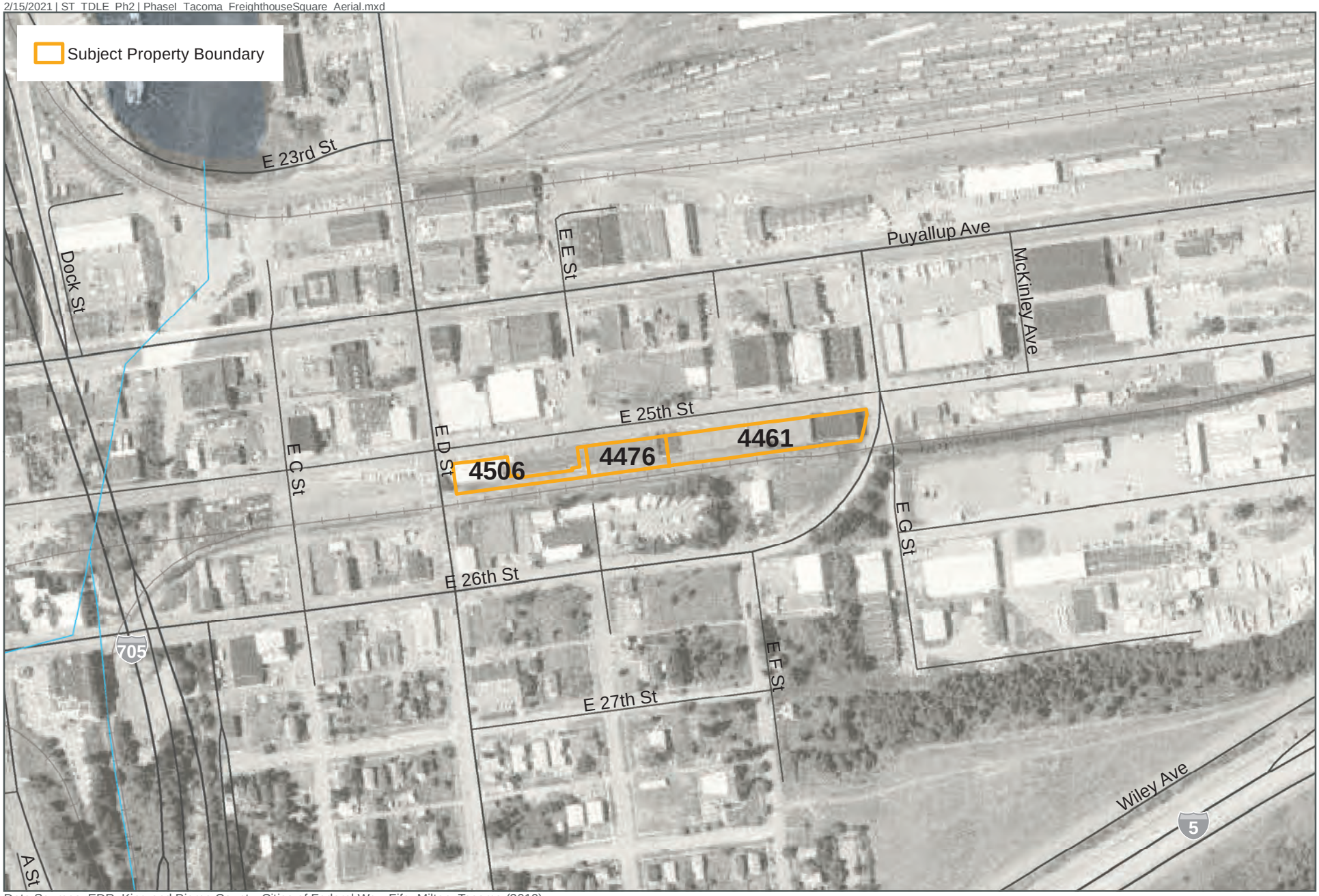

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 6
1980 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 7
1990 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 8

2006 Aerial Imagery

Freighthouse Square

2501 East D Street and 602 E 25th Street, Tacoma, WA

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

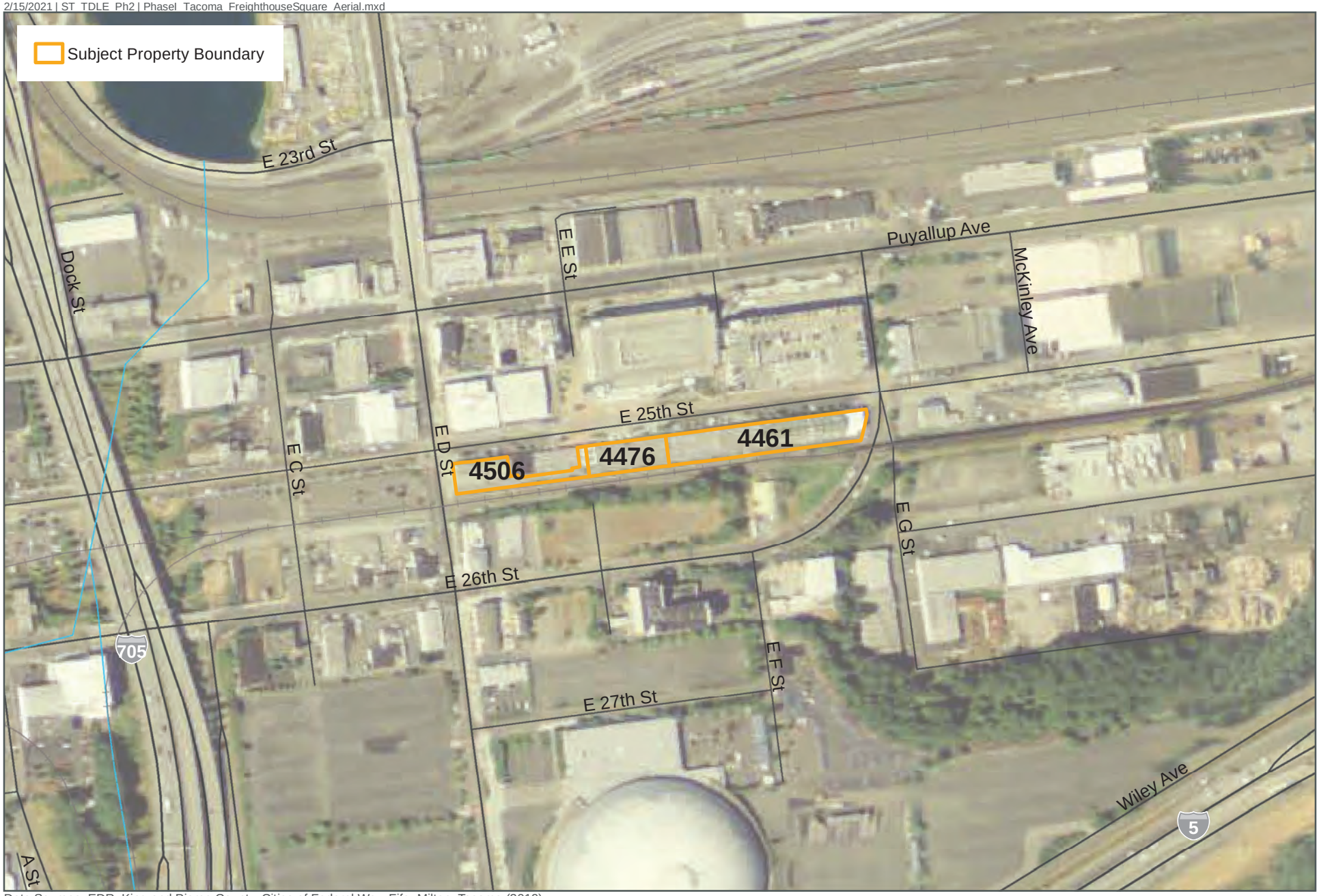

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 9
2009 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 10
2013 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/15/2021 | ST_TDLE_Ph2 | Phase1_Tacoma_FreighthouseSquare_Aerial.mxd

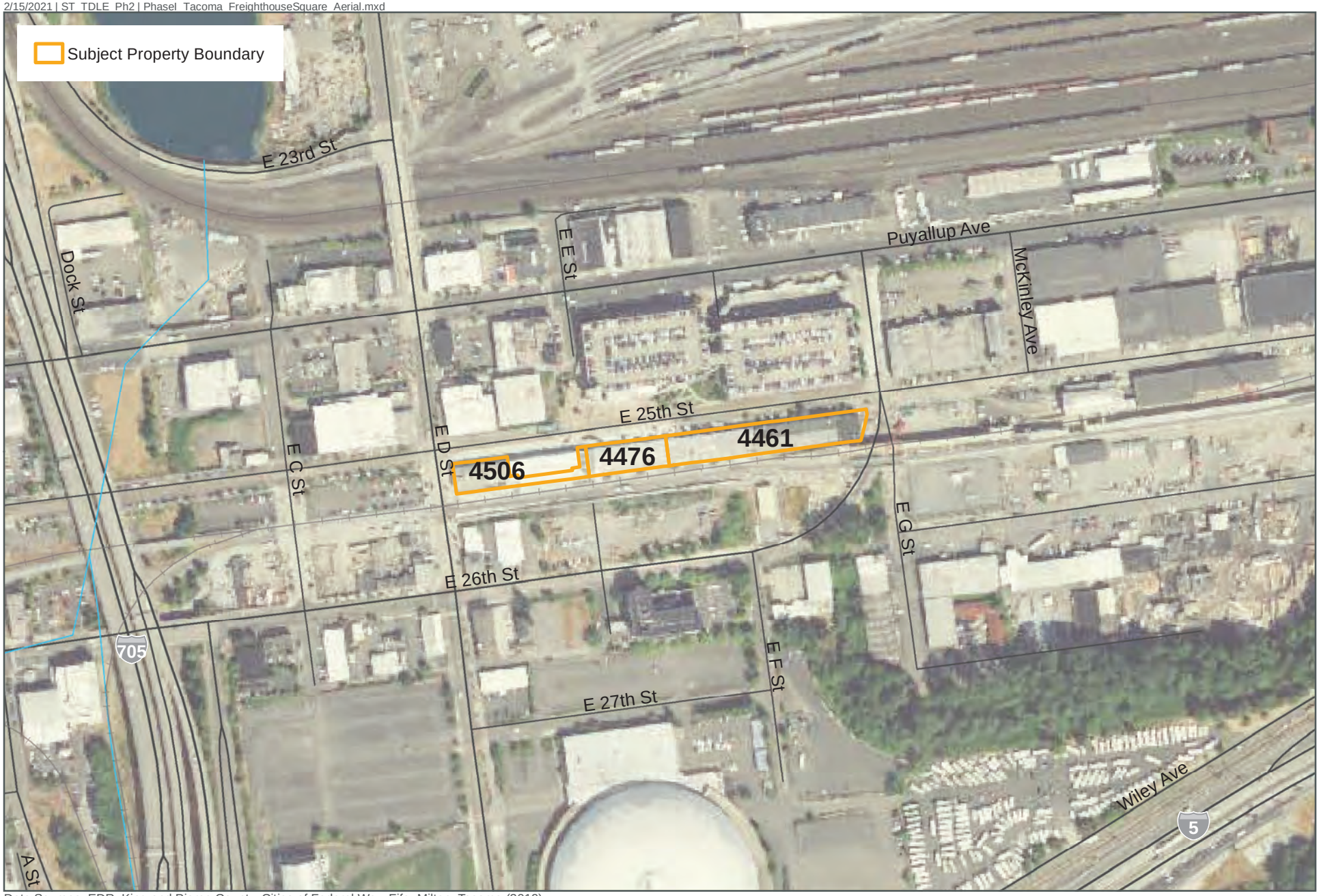

Data Sources: EDR, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

FIGURE 11
2017 Aerial Imagery
Freighthouse Square
2501 East D Street and 602 E 25th Street, Tacoma, WA
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

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Photo 3. Subject Property TD 4506, looking west.

Photo 4. Rear of the Subject property TD 4506, looking east.

Photo 5. Adjacent property south. Looking southeast.

Photo 6. Adjacent property north. Looking northwest

Photo 7. Adjacent property west. Looking West

Photo 8. Adjacent property east. Looking southwest.

Appendix F

Supporting Documents

Phase II Environmental Site Assessment and Remedial Cost Estimate
Freighthouse Square
Tacoma, Washington

September 15, 2015

SHANNON & WILSON, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

Excellence. Innovation. Service. Value.

Since 1954.

Submitted To:
Parsons Brinckerhoff
Attn: Mr. David Williams
999 Third Avenue, Suite 3200
Seattle, Washington 98104

By:
Shannon & Wilson, Inc.
400 N 34th Street, Suite 100
Seattle, Washington 98103

21-1-22032-008

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PHASE II ENVIRONMENTAL SITE ASSESSMENT AND REMEDIAL COST ESTIMATE FREIGHTHOUSE SQUARE TACOMA, WASHINGTON

1.0 INTRODUCTION

Shannon & Wilson, Inc. has completed a Phase II Environmental Site Assessment (ESA) for the Freighthouse Square (FHS) property located at 2501 East "D" Street in Tacoma, Washington (Figure 1). Our services were conducted for Parsons Brinkerhoff on behalf of the Washington State Department of Transportation (WSDOT) in accordance with Amendment Nos. 2 and 3 to the subconsultant agreement between Parsons Brinckerhoff and Shannon & Wilson, Inc. (dated January 1 and March 5, 2015, respectively).

1.1 Purpose of Phase II Environmental Site Assessment (ESA)

The purpose of this Phase II ESA was to evaluate the recognized environmental conditions (RECs) identified for the a portion of the FHS property evaluated during the Phase I ESA (Shannon & Wilson, Inc., 2015b). It is also to support property appraisal and design of a new Amtrak station and platform (including evaluating end-use options during construction).

1.2 Scope of Services

The scope of services included the following tasks:

- Preparation of a project Sampling and Analysis Plan (SAP);
- Advancement of 12 geoprobes® (GP-1 through GP-12) to collect soil samples for chemical analysis;
- Advancement of 11 hollow-stem auger borings (GP-13 through GP-23) to collect soil samples for chemical analysis;
- Analysis of up to four soil samples from each exploration for contaminants of potential concern (CPOC);
- Well development of two monitoring wells (FHS-1 and FHS-5) installed for the project geotechnical exploration program;
- Sampling of groundwater from two monitoring wells (FHS-1 and FHS-5) for chemical analysis;
- Sampling of groundwater from four geoprobes and five auger borings for chemical analysis;

- Review of additional resources to evaluate parcels surrounding the portion of FHS to be acquired; and
- Preparation of this Phase II ESA report.

Our report includes a summary of analytical data collected during the environmental and geotechnical explorations conducted for the project. Discussion of geotechnical field activities is provided under separate cover.

The scope focused on identifying and evaluating environmental concerns with significant potential to contaminate the property. The field sampling was a screening level effort intended to identify potential widespread contamination rather than a comprehensive investigation to define the lateral and/or vertical extent of soil and/or groundwater contamination.

2.0 BACKGROUND

2.1 Site Description

The FHS property, for the purpose of this report, is comprised of the following Pierce County tax parcels (shown in Figure 2):

- 2075200011 (FHS Parking Lot)
- 2075220011 (FHS West Parcel)
- 2075220015 (FHS Platform)
- 2075240011 (FHS Center Parcel)
- 2075240013 (FHS East Parcel)
- 2075220016 (Sound Transit right-of-way [ROW])
- 2075220050 (Bish parcel)

The FHS property is in a commercial/industrial area of the City of Tacoma located to the south of Commencement Bay and to the north of the Tacoma Dome. Contours on the U.S. Geological Survey (USGS) topographic map (Tacoma South Quadrangle) (USGS, 1961) indicate ground surface elevation across the FHS property ranges between approximately 60 feet (on its west end) and 20 feet (on its east end) above sea level.

2.2 Site History

The Phase I ESA indicated that the FHS property was occupied by residences from as early as 1888 until 1908 when the current FHS building was constructed. FHS served as the westernmost terminus for the Milwaukee, St. Paul, and Pacific Railroads until 1980. It was reportedly vacant until 1987 (Oocities, 2015) when it was converted to a public market. It has since been occupied

by shops, restaurants, and offices. Railroad tracks have occupied the adjacent parcel to the south since the late 1800s.

A more detailed history of the FHS property and surrounding properties, by block, is provided in Appendix C.

The FHS property is subject to a Restrictive Covenant due to historical contamination found in soil and groundwater at the eastern end of the building. Restrictions in the covenant that may impact the project include (but are not limited to): (a) no removal of groundwater, (b) no site activities may interfere with "continued protection of human health and the environment," and (c) no site activity may result in a release or exposure or creation of a new exposure pathway.

3.0 PREVIOUS STUDIES

3.1 1994 Site Remediation Report

During construction of the eastern portion of the building, petroleum and metals contamination were discovered in site soil and groundwater. This report summarizes removal action (excavation and offsite disposal of contaminated soil), soil confirmation sampling, and groundwater sampling completed by others (Engineering Geosciences, Inc., 1994).

Confirmation soil analytical testing indicated that contaminant concentrations were below Washington Model Toxics Control Act (MTCA) criteria. Groundwater testing (from grab samples collected from open excavations which is not in accordance with U.S. Environmental Protection Agency [EPA] protocols) found heavy petroleum and metals concentrations exceeding MTCA criteria. The report indicated potential sources of the contamination are the former onsite machine shop and the former foundry located to the south. Groundwater flow direction was estimated to the northwest, though could flow more north or northeasterly.

3.2 1999 Phase I Environmental Site Assessment (ESA)

To support property purchase, a Phase I ESA of the FHS property was completed for Sound Transit (Shannon & Wilson Team, 1999). The parcels included in this evaluation included: 2075220011, 2075220015, 2075220016, 2075240011, and 2075240013 (Figure 2). A summary of parcel histories is provided in Appendix C.

According to this report, the east end of building is at approximate 20 feet mean sea level (MSL) and west end is approximately at 50 feet MSL with groundwater elevations ranging between

13 to 20 feet MSL from east to west. Overall shallow groundwater flow was estimated to be northward.

During the site reconnaissance, the following observations were made: no dry wells or tanks were observed; the basement of the eastern building is concrete slab with no visible floor drains; the basement contained personal storage for the property owner and a small maintenance shop; no staining was observed around containers of latex paint, glues, and sealing compounds; and no unidentified pipes were observed.

Concerns identified in that report included:

- Placement of fill in the northeast portion of the property – unknown source or quality.
- Former railroad use – potential for unreported spills, leaching of oils into ballast and underlying soils.
- Dwellings on site may have used oil stored in underground or aboveground storage tanks.
- Adjacent residences, and commercial and industrial businesses (junk storage, mattress manufacturer, fuel transfer company, trucking company, foundry, casket manufacturer, machine shop, auto repair) may have used regulated materials.

3.3 Sound Transit Tacoma Trestle Data

Several borings were completed to support the Sound Transit Tacoma Trestle project, including design of the platform that will be coordinated between the WSDOT and Sound Transit design teams (Shannon & Wilson, Inc., 2015d). Specifically, four geotechnical borings were completed in the alley along the southeast portion of the FHS building, and two geoprobes and three geotechnical borings were completed east and south of the ROW, between the tracks and East "G" Street (Figure 3). Limited environmental sampling of soil and/or groundwater and analytical testing were completed at each of the explorations.

Soil analytical testing data indicate that elevated concentrations of carcinogenic polynuclear aromatic hydrocarbons (cPAHs) and oil are present in SW-17-15 and SW-19-15, respectively. Specifically, cPAHs were detected at 1.15 milligrams per kilogram (mg/kg) at 15 feet below ground surface (bgs) in SW-17-15, exceeding the 1996 MTCA Method A criterion of 1 mg/kg. Oil was detected at 570 mg/kg at 7.5 feet bgs, above its criterion of 200 mg/kg in SW-19-15. Data associated with these two borings (and other Tacoma Trestle explorations) are contained in Appendix D.

3.4 Phase I Environmental Site Assessment (ESA) Results

The Phase I ESA report for the portion of the FHS property to be purchased identified RECs that could potentially impact site soils and groundwater (Shannon & Wilson, Inc., 2015b). Releases could have occurred from:

- Potential former and/or existing fuel oil underground storage tank(s) (USTs) on the property or on adjacent parcels;
- Long-term railroad use: oil-range petroleum hydrocarbons (track lubricants), polychlorinated biphenyls (PCBs); vegetation controls), and polynuclear aromatic hydrocarbons (PAHs); creosote-treated railroad ties).

3.5 Additional Report Review

Two known contaminated sites are located adjacent north of the FHS property:

- Tacoma Dome Station Site
- Carman Manufacturing Site

While they appear to be downgradient, the reports provide some information regarding groundwater flow direction in the vicinity of FHS. Information relating to these two sites was obtained for the 1999 Phase I ESA (summarized in Paragraph 3.2). Additional details are provided below.

3.5.1 Carman Manufacturing

This site is adjacent northeast of the FHS property, across the intersection of East "G" Street and East 25th Street. Diesel-range petroleum contamination was detected in site soil and groundwater, apparently released from a decommissioned UST. In 1999, a letter in the Washington State Department of Ecology's (Ecology's) file indicated that a passive venting system was proposed for site cleanup. Groundwater flow direction, as measured once in three monitoring wells, is to the north-northwest (Creative Environmental Technologies, Inc., 1998a, 1998b, and 1998c).

3.5.2 Tacoma Dome Station

This site is adjacent north of the FHS property, north of East 25th Street. Soil contamination was discovered on this site prior to construction of the bus station. Soil contamination was reportedly remediated to below MTCA Method A cleanup criteria in accordance with a consent decree. Groundwater contaminants included diesel-range petroleum, lead, and methylene chloride. In 1999, elevated petroleum remained in one location, elevated

total lead remained in five locations, and elevated methylene chloride remained in one location. Groundwater was undergoing monitoring. Groundwater flow direction at the site (as estimated from measurements collected from ten wells) is to the north-northeast (Hong West & Associates, Inc., 1994, 1996, 1997, and 1998).

4.0 GEOLOGIC AND HYDROGEOLOGIC SETTING

This section describes the general geologic setting of the site vicinity and discusses the subsurface conditions beneath the Site and surrounding area as they relate to the potential for contamination to migrate through the soils and groundwater. The geologic and hydrogeologic summaries below are based on Shannon & Wilson, Inc.'s environmental and geotechnical explorations conducted at the Site.

4.1 Geologic Setting

During the Pleistocene Epoch (2 million years ago to about 10,000 years ago), the Puget Lowland was subjected to six or more major glaciations. Each glaciation deposited new sediment and partially eroded existing deposits. During the intervening periods when glacial ice was not present, stream processes, wave action, and landsliding eroded and reworked some of the glacially derived sediment.

During the most recent glaciation that covered the central Puget Lowland (termed Vashon), the weight of the glacial ice resulted in compaction (consolidation) of glacial and nonglacial soil. The glacially overridden deposits are overlain by recessional glacial deposits that accumulated during the retreat of the Vashon ice sheet and by younger (Holocene Epoch) soils. Vashon-age deposits in the project area include till (Qvt).

Within the project area, erosion during the retreat of the Vashon ice sheet exposed the underlying, pre-Vashon deposits. Pre-Vashon deposits in the project area include nonglacial lacustrine (Qpnl), nonglacial fluvial (Qpnf), lahar (Qpnm), and till (Qpgt).

During the Holocene, the Puyallup River deposited sediment into a former marine embayment at the east end of the project. River deposits are interbedded with marine and estuarine deposits and juxtaposed next to beach deposits. Additionally, beginning in the early 20th Century, the area underwent man-made modifications that included fill placement. Holocene deposits encountered in the project area include alluvium (Ha), estuarine (He), peat (Hp), and fill (Hf).

4.2 Site Geology

We interpreted geologic units present in the project area based on environmental and geotechnical explorations completed for this project. Units are grouped on the basis of relative age and whether the deposits are glacially overridden. Detailed soil descriptions are presented in the exploration logs in Appendix A. Refer to Appendix D of this report and our geotechnical report (Shannon & Wilson, Inc., 2015d) for exploration logs from the nearby Tacoma Trestle project.

Explorations encountered Hf across the site. We identified Hf based on the presence of irregular clasts of one soil type within soil of another type; disturbed appearance; and from the presence of unnatural debris such as brick, glass, coal, asphalt, organics, and wood. Hf in the project area consists of a wide range in soil types and is highly variable in soil density/consistency. Hf ranged from loose to very dense sand and gravel with variable amounts of silt, to soft clay with gravel and sandy silt. Hf is generally 3 to 15 feet thick, but is 17 to 27 feet along track embankment and related fill (GP-16-15 and GP-18-15) and along East 25th Street (GP-13-15, GP-15-15, and GP-17-15).

At the east end of the project, boring GP-19-15 encountered 10 feet of Ha and GP-20-15 encountered 16.5 feet of He deposits underlying Hf. Ha consists of medium dense, silty sand and He consists of very soft silt. Ha and He deposits are interbedded with peat.

Where Ha and He were not present, explorations encountered Qvt underlying Hf. Many explorations did not extend through the Qvt layer. Qvt consists of very dense, silty sand and sandy silt with gravel.

Explorations that extended below Qvt (GP-16-15 and FHS-3) encountered Qpnf interlayered with Qpnl and Qpnm. Qpnf consists of poorly graded sand and gravel with variable amounts of silt. Qpnl consists of sandy silt and silty sand. Qpnm consists of very stiff to hard, sandy silt; silty sand; and silt.

4.3 Hydrogeologic Setting

Groundwater was observed in geoprobes and monitoring wells ranging in depths from approximately 10 to 38 feet from west to east across the site. Specifically, groundwater was estimated between:

- FHS Parking Lot: 13 to 14 feet bgs
- FHS West Parcel: 10 to 17 feet bgs
- FHS Center Parcel: 16 to 25 feet bgs

- FHS East Parcel: 5 to 38 feet bgs
- Bish Parcel: 25 feet bgs

Depth to groundwater measurements collected during drilling or subsequent monitoring well sampling are indicated in our logs contained in Appendix A.

Limited groundwater data suggests local groundwater flow direction varies across the site because of changes in topography, the varying underlying till surface, and the proximity to the filled tideflats. We estimate groundwater flow is more northerly at the western end of the FHS property and becomes more northeasterly to easterly near the FHS center parcel. Towards the eastern end of the FHS property, flow may be more northward with a potential for confined artesian groundwater conditions (Shannon & Wilson, Inc., 2015d). However, sudden rises in the water table following heavy rains can cause temporary and local changes, as well as reversals in flow direction, due to uneven infiltration rates.

5.0 FIELD EXPLORATIONS

Shannon & Wilson, Inc. developed a SAP that included soil and groundwater sampling from probes, auger borings, and/or monitoring wells to investigate RECs (Shannon & Wilson, Inc., 2015g). The SAP was based on discussions with and concurrence from Ecology. The rationale and results for each of the elements of the exploration program are summarized below.

Table 1 summarizes the field explorations and analytical testing completed on select samples.

5.1 Locations

Shannon & Wilson, Inc. observed completion of 12 geoprobes and 14 auger borings (Figures 3 and 4). From west to east, the explorations are located on (or associated with) the following parcels:

- FHS Parking Lot: GP-10 and GP-11
- FHS West Parcel: GP-1 though GP-6, GP-12, FHS-1, and FHS-2
- FHS Center Parcel: GP-13 through GP-16
- FHS East Parcel: GP-17, GP-19, GP-20
- Sound Transit ROW: GP-7 through GP-9, GP-18, FHS-3, and FHS-5
- City of Tacoma ROW: GP-21
- Bish parcel: GP-22 and GP-23

To evaluate conditions relating to these parcels, several explorations were completed in the adjacent City of Tacoma ROW. Explorations were not completed through the floor of the

existing building and utilities along the northern part of the building warranted that explorations be completed in East 25th Street.

No explorations were completed on the FHS platform parcel.

The explorations were completed under several mobilizations using different drilling techniques. FHS-1 and FHS-2 were completed in November 2014. GP-1 through GP-9 and FHS-3 and FHS-5 were completed in May 2015. The remainder of the explorations was completed in August 2015.

5.2 Sampling Activities

5.2.1 November 2014

Holt Services, under subcontract to Shannon & Wilson, Inc., completed geotechnical auger borings FHS-1 and FHS-2 located in the platform portion of the FHS West Parcel (Figures 3 and 4) (Shannon & Wilson, Inc., 2015a). In FHS-1, a 2-inch, flush-mount monitoring well was installed. No other explorations were completed during this mobilization.

Soil samples from the geotechnical borings were collected to characterize investigation-derived waste (IDW) for disposal and are being used to supplement the data collected from environmental explorations. A petroleum odor was observed during drilling at FHS-1; no other field indications of contamination were observed during drilling of the other exploration.

5.2.2 May 2015

We observed geoprobe and auger drilling (completed by Holt Services). Explorations were located in City of Tacoma ROW, on the FHS West Parcel, and in the Sound Transit ROW. Where required, utilities were cleared using a vacuum truck prior to drilling. Two-inch monitoring wells were installed in FHS-3 and FHS-5.

To support groundwater sampling, FHS-1 (installed in November 2014) and FHS-5 were developed during this mobilization. A petroleum odor was observed during well development at FHS-1. Field indications of contamination were not observed during soil or groundwater sampling at other locations.

5.2.3 August 2015

Additional explorations were completed by Holt Services in August 2015 and they include GP-10 through GP-23 (Figures 3 and 4). GP-10 through GP-12 were completed using a

geoprobe rig. The remaining 11 explorations were accomplished using hollow-stem auger drilling using either a limited access, rubber tire rig, or a full-sized truck rig.

Soil sampling (for analytical testing purposes) was completed at each location. Groundwater sampling was completed from the three probe locations and select auger locations (by open hole).

5.2.4 Soil and Groundwater Sampling

A total of 88 soil and 11 groundwater samples were collected from the environmental and geotechnical explorations over the three mobilizations in general accordance with our SAPs (Shannon & Wilson, Inc., 2015c and 2015g). Not every sample was analyzed and selected samples and methods requested are indicated in Table 1.

Groundwater samples were collected from probe GP-1 and monitoring wells FHS-1 and FHS-5. During water sampling, extremely low oxygen reduction potential and dissolved oxygen were measured. These low parameter measurements are likely due to degradation of hydrocarbons.

During the August 2015 mobilization, no groundwater sample was collected from GP-13 and no duplicate samples were collected. This was because of the duration required to obtain water samples and the limited work window in the street and/or platform (which required track time).

5.3 Investigation-Derived Waste (IDW)

IDW generated during sampling included soil cuttings, decontamination fluids, purge water, used personal protection equipment (PPE), and disposable sampling equipment. Soil cuttings, decontamination fluids, and purge water were contained in labeled WSDOT-approved drums temporarily stored on the Sound Transit ROW, next to the signal bungalow. The drums from April 2015 were removed from the site on July 17, 2015. PPE and disposable sampling equipment were placed in a plastic bag and disposed as solid waste. Offsite disposal of drums generated from August 2015 activities are pending.

6.0 ANALYTICAL METHODS

Samples were submitted to OnSite Environmental, Inc. (OnSite) in Redmond, Washington, for chemical analysis. In accordance with the SAP (Shannon & Wilson, Inc., 2015g), select soil samples from explorations were initially analyzed for COPCs. Based on initial results, follow-up

analysis on initial samples, or other additional samples collected from each exploration was completed.

Soil samples were analyzed by one or more of the following methods:

- Gasoline-range petroleum hydrocarbons using Method Northwest Total Petroleum Hydrocarbon (NWTPH) gasoline-range extended (Gx);
- Diesel- and oil-range petroleum hydrocarbons using Method NWTPH diesel-range extended (Dx) with silica gel cleanup;
  - Follow-up analysis for PCBs by EPA Method 8082 were conducted on soil samples with detection of oil-range petroleum hydrocarbons.
- Resource Conservation and Recovery Act metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by EPA Method 6000/7000 series;
- Copper, nickel, and zinc by EPA Method 6000/7000 series
- Semivolatile organic compounds (SVOCs) by EPA Method 8270D/Selective Ion Monitoring (SIM) or PAHs by EPA Method 8270D; and
- Volatile organic compounds (VOCs) by EPA Method 8260C.

Groundwater samples were analyzed by one or more of the following methods:

- Gasoline-range petroleum hydrocarbons using Method NWTPH-Gx;
- Diesel- and oil-range petroleum hydrocarbons using Method NWTPH-Dx with silica gel cleanup;
- Total and dissolved Priority Pollutant metals by EPA Method 6000/7000 series;
- SVOCs by EPA Method 8270D/SIM; and
- VOCs by EPA Method 8260C.

7.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

7.1 April 2015

Laboratory QA/QC procedures included analyzing surrogate recoveries, method blanks, laboratory control sample recoveries, matrix spike recoveries, and duplicates. Trip blanks were submitted with groundwater samples intended for VOC testing. Equipment and/or field blanks were not specified for this project.

The analytical laboratory data review checklists presented in Appendix B summarize our review of the laboratory reports and QA/QC data and the trip blanks. Some QA/QC issues were noted by OnSite and flagged in their report.

None of the analyzed parameters were detected in their respective method blanks. Gasoline-range petroleum hydrocarbon and VOC analyses for soil samples collected on May 7, 2015, and were not extracted within recommended hold times. The locations were resampled and submitted for analysis. SVOC analysis for GP-4:1.2 slightly exceeded its hold time due to QC issues with the original sample that required re-extraction. The hold time exceedance is not expected to significantly affect the SVOC results for sample GP-4:1.2. Several parameters had surrogate, duplicate, and matrix spike recoveries that fell outside of laboratory control limits. However, the methods were otherwise in control.

A field duplicate for soil was collected from sample GP-3:10 and for groundwater from GP-1:GW. No parameters detected in the soil sample had a relative percent difference that exceeded 25 percent. However, diesel- and oil-range petroleum hydrocarbons, some total metals, acetone, and several SVOCs had a relative percent difference that exceeded 25 percent and were within 5 times the project quantitation limit (10 times for common lab contaminants) and were J-flagged as estimates. Due to the inherent variability in groundwater samples collected from probes, differences between sample and duplicate sample results is not unreasonable.

Based on our review of the QA/QC data and associated issues, the data are acceptable with the exceptions noted below.

7.2 August 2015

Laboratory QA/QC procedures included analyzing surrogate recoveries, method blanks, laboratory control sample recoveries, matrix spike recoveries, and duplicates. Trip blanks were submitted with groundwater samples. Equipment and/or field blanks were not specified for this project.

The analytical laboratory data review checklists presented in Appendix B summarize our review of the laboratory reports and QA/QC data and the trip blanks. Some QA/QC issues were noted by OnSite and flagged in their report.

None of the analyzed parameters were detected in their respective method blanks or in the trip blanks. OnSite flagged acetone in sample GP-11-15:GW as an estimate due to drift in calibration verification and a J-flag was assigned to this sample. Several parameters had surrogate, duplicate, and matrix spike recoveries that fell outside of laboratory control limits. However, the methods were otherwise in control, except for chromium in lab report no. 1508-080. The relative percent difference (RPD) for the laboratory duplicate, the matrix spike/matrix

spike duplicate, and the field duplicate for chromium exceeded control limits. Because of these exceedances, chromium in the following samples were J-flagged as estimates:

- GP-12-15:1.5
- GP-12-15:13.0
- GP-11-15:0.5
- GP-11-15:13.5
- GP-10-15:0.5
- GP-10-15:13.0

Five total field duplicates for soil were collected for 47 samples. No groundwater field duplicates were collected. Several parameters detected in the soil samples had an RPD that exceeded 25 percent from their respective duplicate detections. The majority of these detected concentrations were low compared to screening criteria and no further action was taken. However, the lube oil detections in GP-11-15:13.5 and GP-13-15:6 were J-flagged as estimates because the detections were within 5 times their respective screening criterion.

Based on our review of the QA/QC data and associated issues, the data are acceptable with the exceptions noted below.

8.0 ANALYTICAL RESULTS

Tables 2 through 8 provide a summary of detected soil analytical results. Table 9 provides a summary of detected groundwater analytical results for the FHS and Sound Transit parcels. Table 10 summarizes groundwater data for the Bish parcel. Table 11 provides the toxicity equivalency factor (TEF) analysis of the individual cPAHs constituents. The TEF method is used to adjust the concentrations of individual cPAHs such that they are relative in toxicity to benzo(a)pyrene, which is the most carcinogenic of the PAHs. The individual cPAH concentrations are then summed for comparison with the MTCA Method A cleanup criterion for benzo(a)pyrene.

To assist with appraisal purposes, the data are discussed separately by parcel. As required by Ecology comment and stated in their periodic review of the property, 1996 MTCA Method A criteria applies to the FHS parcels (Parking Lot, West Parcel, Center Parcel, and East Parcel). (The criteria are provided in the FHS-related data tables and Appendix E contains Tables 1 and 2 of the regulation [Ecology, 1996]). MTCA Method B criteria are also included with the soil tables (Ecology, 2015). For the Bish parcel, Sound Transit ROW parcel, and City of Tacoma ROW, only the 2013 MTCA criteria (Ecology, 2013) are provided as it is not under the Restrictive Covenant applied to the FHS property. Exceedance of applicable MTCA criteria are shown in Figure 5.

Analytical laboratory reports are presented in Appendix B.

8.1 Freighthouse Square (FHS) Parking Lot

On this parcel, petroleum was detected in near surface soil in the western portion of the lot (GP-10). Diesel- and oil-range hydrocarbons and cPAHs exceed the 1996 MTCA Method A criteria.

In the eastern portion of the lot, oil-range hydrocarbons were detected in soil at the approximate water table (GP-11) and concentrations exceed the 1996 criteria. Oil-range hydrocarbons were not detected in groundwater from this location.

Groundwater samples found elevated total metals concentrations exceeding the 1996 criteria. No metals were detected above their reporting limits by dissolved metals analysis. Acetone was detected in both groundwater samples.

8.2 Freighthouse Square (FHS) Building (West, Center, and East Parcels)

8.2.1 Soil

Along these three parcels, elevated oil (relative to 1996 criteria) was detected in near-surface soil samples from GP-13, GP-15, and GP-19 (ranging from 380 to 4,300 mg/kg).

Elevated cPAHs were detected in soil at 6 feet in GP-14, which is located within the FHS alleyway/plaza south of the FHS center parcel. cPAHs were generally not detected in the samples obtained from the subsurface and water table samples.

Elevated oil was detected in GP-4 in shallow subsurface soil (460 mg/kg) and at 5 feet (690 mg/kg). Elevated oil was not detected at groundwater depth.

Just west of GP-4 is FHS-1, both diesel- and oil-range hydrocarbons were detected above 1996 criteria in samples collected from below the water table.

8.2.2 Groundwater

Groundwater samples were collected from GP-1 and FHS-1, both located on the FHS West Parcel. Diesel-range hydrocarbons were detected at 360 and 670 micrograms per liter (ug/L), less than the 1996 criterion of 1,000 ug/L.

In FHS-1, dissolved arsenic was detected at 13 ug/L (exceeding its criterion of 5 ug/L). Acetone was also detected.

At the eastern end of the building, diesel- and oil-range petroleum was detected in groundwater from GP-20 and detections are below 1996 criteria. Similar to FHS-1, elevated dissolved arsenic and acetone were detected.

8.3 Freighthouse Square (FHS) Platform

No explorations were completed within this parcel.

8.4 Sound Transit Right-of-Way (ROW)

Four explorations were completed within the Sound Transit ROW. Elevated cPAHs were detected in two near-surface samples (GP-7 and GP-18), relative to 2013 criteria. No elevated cPAHs was detected in deeper samples. Petroleum was not detected above criteria.

No COPCs were detected above reporting limits in groundwater collected from FHS-5.

8.5 City of Tacoma Right-of-Way (ROW)

No COPCs were detected in soil above criteria, most not detected above reporting limits. No groundwater sample was collected from this parcel.

8.6 Bish Parcel

No COPCs were detected in soil above 2013 criteria, most not detected above reporting limits.

Groundwater was sampled in GP-22 (the northern exploration on this parcel). While total arsenic and lead exceed 2013 criteria, no dissolved metals were detected above their reporting limit. No VOCs or petroleum were detected above reporting limits in groundwater.

9.0 CONCLUSIONS

9.1 General

9.1.1 Soil

Overall, petroleum-range hydrocarbons and cPAHs are present in soil both above and below MTCA criteria. Metals in soil do not appear to be a concern. Some SVOCs and VOCs were detected. If no MTCA Method A criterion is available, no discussion is provided in the parcel-specific paragraphs that follow.

The specific sources of these contaminants in soil have not been determined during this evaluation and are not identified below. Potential sources of soil contamination may include fill placed on site (of unknown/variable quality), historical railroad use, or other historical site use.

9.1.2 Groundwater

In groundwater, petroleum was detected in two locations. One concentration exceeded applicable criteria. Several metals, VOCs, and SVOCs were detected in groundwater samples. If no MTCA Method A criterion is available, no discussion is provided in the parcel-specific paragraphs that follow.

Elevated total metals concentrations were detected in groundwater samples exceeding both 1996 and 2013 criteria (primarily arsenic, chromium, and lead). With two exceptions, no metals were detected above their reporting limits by dissolved metals analysis. Given this, it is likely that the elevated total metals concentrations are largely associated with sample turbidity.

As with soil, no source(s) of groundwater contamination has been determined.

9.2 Freighthouse Square (FHS) Parking Lot

Petroleum exceeds criteria in near-surface soil at GP-10. Since petroleum was not detected in the 6- or 13-foot sample, it appears this contamination may have resulted from a surface release.

In GP-11-15, elevated oil was detected at water table depth but not detected in near-surface soil or at 6 feet. This exceedance may have been a result from a nearby release or from a release that occurred offsite and migrated on site.

Groundwater samples found elevated total metals concentrations exceeding 1996 criteria. No metals were detected above their reporting limits by dissolved metals analysis. Given this, it is likely that the elevated total metals concentrations are associated with sample turbidity. The source of acetone in groundwater is not known.

9.3 Freighthouse Square (FHS) Building (West, Center, and East Parcels)

As noted previously, several explorations are located with City of Tacoma ROW while they are intended to evaluate potential concerns associated with the FHS site.

9.3.1 Soil

Along these three parcels, elevated oil (relative to 1996 criteria) was detected in several near-surface soil samples but not in shallow subsurface or at water table depth samples. This suggests that surface spills are the source of these detections.

Elevated cPAHs were detected in soil at 6 feet in GP-14, but not detected in the samples obtained from the subsurface and water table samples. The source of this contamination is not known.

Elevated oil was detected in GP-4 in shallow subsurface soil, but not at groundwater depth. Since elevated concentrations exist beginning just beneath the pavement, the source of this contamination is likely due to some sort of surface release.

Just west of GP-4 is FHS-1, both diesel- and oil-range hydrocarbons were detected above 1996 criteria in samples collected from below the water table. (Water was measured at about 14.5 feet in May 2015 and soil samples were collected from 17.5 and 20 feet.) Field indication of contamination (petroleum odor) was observed as shallow as 9.5 feet. Given the proximity of these locations and some similar contaminants, the soil contamination at FHS-1 could be connected to soil contamination observed at GP-4.

Elevated concentrations of cPAHs and oil are present in SW-17-15 and SW-19-15, respectively, located within the plaza/access road. Specifically, cPAHs were detected at 1.15 mg/kg at 15 feet bgs, exceeding the 1996 criterion of 1 mg/kg. This sample from SW-17-15 was collected of fill, near the fill-native soil interface. Depth to groundwater in this location was observed at about 22.5 feet bgs during drilling. Elevated oil was detected at 7.5 feet bgs in SW-19-15. This sample was collected from fill. Depth to groundwater in this location was observed at about 21 feet bgs during drilling. The source(s) of these detections are not known but may be related to the former machine shop once located on the FHS East Parcel, or the former foundry that was located south of this area, across the railroad tracks (Figure 4).

9.3.2 Groundwater

Petroleum was detected in two groundwater samples (GP-1 and FHS-1, FHS West Parcel). The source of the groundwater impact is not known. However, soil contamination was identified in samples were collected from the near surface down to water table depth in FHS-1 and/or GP-4. Therefore, a case could be made that the contamination was the result of a local surface release. The detected groundwater concentrations are less than the 1996 criterion of 1,000 ug/L, however, the concentration in FHS-1 exceeds the 2013 criteria of 500 ug/L. If site

groundwater should migrate off site (outside of the area defined in the Restrictive Covenant), the FHS-1 concentration in groundwater could require remedial action. (The concentration in GP-1, which is technically offsite in the City of Tacoma ROW, is currently lower than the 2013 criteria.)

In FHS-1, dissolved arsenic was detected at 13 ug/L (exceeding its criterion of 5 ug/L). Acetone was also detected.

At the eastern end of the building, diesel- and oil-range petroleum was detected in groundwater from GP-20; detections are below 1996 criteria. Similar to FHS-1, elevated dissolved arsenic and acetone were detected.

9.4 Freighthouse Square (FHS) Platform

No explorations were completed within this parcel.

9.5 Sound Transit Right-of-Way (ROW)

Elevated oil-range hydrocarbons were detected in two near-surface samples (GP-7 and GP-18-15). No elevated oil was detected in deeper samples, with the exception of GP-7 at 5 feet (collected from fill). The oil contamination likely resulted from a surface release in the vicinity of these explorations.

Based on limited sampling, groundwater does not appear to be impacted beneath the Sound Transit ROW.

9.6 City of Tacoma Right-of-Way (ROW)

Based on limited sampling, neither soil nor groundwater appear to be impacted beneath the City of Tacoma ROW located south of Sound Transit ROW.

9.7 Bish Parcel

Based on limited sampling, neither soil nor groundwater appear to be impacted beneath the Bish parcel.

10.0 REMEDIAL COST ESTIMATE

For WSDOT planning purposes, we have identified the following hazardous materials-related items and prepared associated costs to remediate the FHS property. For the purpose of this cost

estimate, the site has been divided into the following Pierce County tax parcels/group of parcels/portion of parcels (shown in Figure 2):

- 2075200011 (FHS Parking Lot)
- 2075220011 (FHS West Parcel), 2075240011 (FHS Center Parcel), and 2075240013 (FHS East Parcel)
- 2075220015 (FHS platform)
- 2075220016 (Sound Transit ROW)
- 2075220050 (Bish property)
- 2075220011 (FHS West Parcel/Acquisition Area)

10.1 Alternatives Analysis

The remedial cost estimate is broken out by the individual tax parcel/group of parcels/portion of parcels. Estimates for each tax parcel/group of parcels/portion of parcels assume that remedial activities would be performed independently of activities on adjacent or nearby tax parcel/group of parcels/portion of parcels such that items like mobilization are individually assessed not shared between properties. Estimates also assume that remediation areas are clear and no costs for demolition and restoration of site features have been included. Excavation and off-site disposal has been assumed to address soil contamination since it is the most cost-effective if the site is clear.

It should be noted that if site features remained present and active, excavation would largely be impractical except in the FHS Parking Lot. An alternative approach in that event would be to implement in-situ chemical oxidant compound injection. Chemical oxidation provides rapid destruction of petroleum contaminants on contact. Since contact is required, implementation would need effective delivery and distribution which is difficult where contamination is shallow at many of the locations identified are. Injection pressures must be kept low. The density of injection points would have to be high, probably in the range of two feet on center. As a rule of thumb, 3 pounds of oxygen is required per one pound of hydrocarbon. Injection near utilities could be problematic since the oxidant compound is corrosive. Any proposed use of a oxidant compound would have to consider the layout of utilities in implementation.

10.2 Regulatory Requirements

As requested by WSDOT, the cost estimate is based upon cleanup values for unrestricted land use as defined in the restrictive covenant that was part of the No Further Action (NFA) determination that was issued for the Site in 2003. The restrictive covenant states that the:

> "Current MTCA Method A cleanup levels have changed significantly since remedial activities were conducted in 1993. However, WAC 173-340-702(12) (c) [2001 ed.] provides that,
>
> 'A release cleaned up under the cleanup levels determined in (a) or (b) of this subsection shall not be subject to further cleanup action due solely to subsequent amendments to the provision in this chapter on cleanup levels.'
>
> A NFA determination was issued for the Site in 2003. However, since the remedial actions were conducted in 1993, MTCA Method A cleanup levels prior to 2001 have been used to determine whether or not the remedial activities at the Site have been effective in protecting human health and the environment."

The January 26, 1996, *Model Toxics Control Act Regulation and Statute: MTCA Cleanup Regulation Chapter 173-340 WAC, Model Toxics Control Act Chapter 70.105D RCW, Uniform Environmental Covenants Act Chapter 64.70 RCW* is the latest version of the regulation released prior to 2001 and therefore applicable for evaluating the extent of contamination at the site. Tables 1 and 2 of the 1996 regulation is provided in Appendix E.

Under the January 26, 1996, MTCA Regulation, cleanup values for diesel and oil in soil; cPAHs in soil; and gasoline, diesel, and oil in groundwater are 200 mg/kg, 1 mg/kg TEF-adjusted sum of cPAHs, and 1 milligram per liter of total petroleum hydrocarbon in groundwater. These values were applied to identify and estimate areas requiring remediation.

Parcels 2075220050 (Bish Parcel), 2075220016 (Sound Transit ROW), and City of Tacoma ROW (south of the tracks) are not within the defined boundaries of the Restrictive Covenant. Therefore, for these parcels/ROW, the 2013 MTCA criteria were considered in evaluating the need for remedial measures.

10.3 Proposed Remedial Actions

A summary of remedial activities assumed for the purpose of cost estimation by area and medium follows.

The analytical results for soil used to identify areas of contamination for this evaluation are presented in Tables 2 through 8 and 11.

The analytical results for groundwater used to identify areas of contamination for this evaluation are presented in Tables 9 and 10.

Cost estimates are provided in Tables 12 through 15. Estimated remedial excavations are shown in Figure 6.

10.4 Soil

For soil, contaminants of concern (COCs) are restricted to diesel, oil, and cPAHs. Acetone, a VOC and common laboratory contaminant, was also widely detected. However, there is not a MTCA Method A criteria for acetone, the detected concentrations are low, and its presence at the site is not consistent with historic site use. Therefore, acetone has not been considered in the evaluation of remedial alternatives. The following remedial activities are assumed based upon the apparent restrictive covenant criteria or 2013 version of MTCA, where applicable.

For each of the proposed soil remediation scenarios, the following assumptions apply:

- Backfill of the excavation following receipt of sampling results with clean soil
- One cubic yard of soil (measured in-place) is estimated to weigh 1.6 tons
- Analytical testing by rapid turnaround
- Coordination with disposal facilities/contractor
- Full-time observation during excavation
- No overexcavation and/or re-sampling of excavation extents
- Final report summarizing sampling, analysis, conclusions, and recommendations

10.4.1 2075200011 (Freighthouse Square [FHS] Parking Lot)

Under the restrictive covenant's 1996 MTCA criteria, there would be two excavations required on the FHS Parking Lot (Table 12):

- Targeted excavation at GP-10 to remove MTCA Method A unrestricted criteria exceedances of diesel, oil, and cPAHs in shallow soil (0 to 2 feet bgs):
  - Estimated 10- by 10- by 2-foot-deep excavation for disposal at Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for restrictive covenant analyses).
- Targeted excavation at GP-11 to remove MTCA Method A unrestricted criteria exceedances of oil in shallow subsurface soil (10 to 15 feet bgs):
  - Estimated 20- by 20- by 15-foot-deep excavation with the lower 5 feet of soil directed for disposal at Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for restrictive covenant analyses).

10.4.2 2075220011 (Freighthouse Square [FHS] West Parcel [Non-Acquisition Area]), 2075240011 (Freighthouse Square [FHS] Center Parcel), and 2075240013 (Freighthouse Square [FHS] East Parcel)

Using the restrictive covenant's 1996 values are applicable (Table 13):

- Preparation of management plans as required by the restrictive covenant to accomplish the work.
- Targeted excavation on-site in the vicinity of GP-13 and GP-15 to remove MTCA Method A unrestricted criteria exceedances of oil in shallow surface soil (0 to 3 feet bgs). Assumes off-site results are representative:
  - Estimated 300- by 20- by 3-foot-deep excavation with disposal at a Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume 17 samples for restrictive covenant analyses).
- Targeted excavation on-site in the vicinity of GP-19 to remove MTCA Method A unrestricted criteria exceedances of oil in shallow surface soil (0 to 5 feet bgs). Assumes off-site results are representative:
  - Estimated 20- by 20- by 5-foot-deep excavation with disposal at a Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for restrictive covenant analyses).
- Targeted excavation in the vicinity of GP-14 to remove MTCA Method A unrestricted criteria exceedances of cPAHs in shallow subsurface soil (5 to 10 feet bgs):
  - Estimated 20- by 20- by 10-foot-deep excavation with the lower 5 feet of soil directed for disposal at Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for restrictive covenant analyses).
- Targeted excavation centered on SW-17-15 to remove MTCA Method A unrestricted criteria exceedances of cPAHs in subsurface soil (10 to 20 feet bgs):
  - Estimated 40- by 40- by 20-foot-deep excavation with the lower 10 feet of soil directed for disposal at Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for restrictive covenant analyses).
- Targeted excavation centered on SW-19-15 to remove MTCA Method A unrestricted criteria exceedances of oil in shallow subsurface soil (5 to 10 feet bgs):

- Estimated 20- by 20- by 10-foot-deep excavation with the lower 5 feet of soil directed for disposal at Subtitle D facility.
- Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for restrictive covenant analyses).

No actionable contamination was identified in soil based upon sampling results for work performed in 1993 on the eastern portion of the property (Engineering Geosciences, Inc., 1994). Therefore, no remedial actions have been identified beyond those identified by sampling performed for this Phase II ESA.

10.4.3 2075220015 (Freighthouse Square [FHS] Platform)

The restrictive covenant's 1996 values are applicable for this site:

- No sampling was performed on this property and no contamination identified.
- Contamination present at FHS-1, GP-4 and GP-14 is proximate to subject parcel and could be sourced on either 2075220011 (FHS West Parcel), 2075240011 (FHS Center Parcel) and 2075240013 (FHS East Parcel), or the subject parcel 2075220015 (FHS platform). Sampling would be required in order to confirm source area.
- Shallow contamination present at GP-18 is proximate to subject parcel and could be sourced on either 2075220016 (Sound Transit ROW) or the subject parcel 2075220015 (FHS platform). Sampling would be required in order to confirm source area.

10.4.4 2075220016 (Sound Transit Right-of-Way [ROW])

The Sound Transit ROW is not within the boundaries of the restrictive covenant. Therefore, remedial activities have been evaluated under the 2013 MTCA requirements (Table 14).

- Targeted excavation centered on GP-7 to remove MTCA Method A unrestricted criteria exceedances of cPAHs in soil (0 to 2 feet bgs):
  - Estimated 10- by 10- by 2-foot-deep excavation for disposal at Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for cPAHs analyses only).
- Targeted excavation centered on GP-18 to remove MTCA Method A unrestricted criteria exceedances of cPAHs in soil (0 to 2 feet bgs):
  - Estimated 10- by 10- by 2-foot-deep excavation for disposal at Subtitle D facility.

- Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume five samples for cPAHs analyses only).

10.4.5 2075220050 (Bish Property)

The Bish Property is not within the boundaries of the restrictive covenant. Therefore, remedial activities have been evaluated under the 2013 MTCA requirements.

- No contamination was identified in soil above 2013 MTCA criteria. No remediation is required.

10.4.6 Acquisition Area (portion of 2075220011 [Freighthouse Square [FHS] West Parcel/Acquisition Area])

Using the restrictive covenant's 1996 values are applicable (Table 15):

- Preparation of management plans as required by the restrictive covenant to accomplish the work.
- Targeted excavation centered on FHS-1 and GP-4 to remove MTCA Method A unrestricted criteria exceedances of diesel, oil and cPAHs in soil (0 to 20 feet bgs):
  - Estimated 100- by 20- by 20-foot-deep excavation for disposal at Subtitle D facility.
  - Confirmation soil sampling at extents of the excavation for analytical testing purposes (assume 11 samples for restrictive covenant analyses).

10.5 Groundwater

For groundwater, COCs are restricted to arsenic, cadmium, chromium, lead, and mercury, which were detected in total metals analyses. Although diesel and oil are present in groundwater, detected concentrations are less than applicable 1996 MTCA criteria within the area subject to the Restrictive Covenant and less than applicable 2013 MTCA values for parcels 2075220050 (Bish parcel), 2075220016 (Sound Transit ROW), and City of Tacoma ROW.

With regard to the metals in groundwater, cadmium, chromium, lead, and mercury were present in total metals analysis but, not detected in the dissolved analyses. Given this, the elevated concentrations of these metals are likely associated with non-colloidal particulate in the samples. Non-colloidal particulates typically do not migrate with groundwater. The total versus dissolved results demonstrate the lack of mobility and are expected to be sufficient to demonstrate to Ecology that these four metals are not contaminants of concern. None of these four metals were detected at elevated levels in soil. No action is assumed.

Arsenic was detected above regulatory criteria in virtually every total metal analysis for groundwater site wide. Given its wide distribution, its elevated presence on site is likely attributable to the areawide contamination associated with the Tacoma Smelter Plume and not a specific site source. No elevated concentrations were found in surface soil. This information combined suggests that no remedial action is warranted. Also, despite its widespread presence in total metal analyses, arsenic would generally not be expected to be mobile under normal conditions. Under oxidizing conditions, arsenic is largely present as arsenate a generally stable form which is the dominant arsenic species under most environmental conditions. Supporting this, arsenic was only detected in the dissolved analysis of two of the ten groundwater samples where the total concentration exceeded criteria, in monitoring well FHS-1 and geoprobe GP-20. Both these locations are coincident with areas documented to have diesel and oil contamination in groundwater. Microbial activity resulting from the presence of petroleum would likely depress oxygen levels. This hypothesis is supported by measurements of the Oxygen Reduction Potential in FHS-1, which was highly negative (less than minus 700) at the time of sampling. In reducing environments, arsenic speciation reverts to its soluble form arsenite. Outside the hydrocarbon impacted area, arsenite would be expected to revert to arsenate under normal groundwater conditions. Given all this, mobile arsenic as arsenite appears to be confined to areas of petroleum contamination and does not warrant independent action. No remediation is proposed beyond natural attenuation given that petroleum levels do not exceed applicable criteria and arsenic levels are attributable to the REDOX conditions created by the presence of petroleum in groundwater.

10.6 Underground Storage Tanks (USTs)

The Phase I ESA identified the potential for USTs to be present in the vicinity. However, no tanks were confirmed during the Phase II ESA. Therefore, no costs associated with managing USTs is included within this estimate.

11.0 RECOMMENDATIONS

We offer the following recommendations, by parcel:

11.1.1 2075200011 (Freighthouse Square [FHS] Parking Lot)

- Prepare management plans and coordinate with Ecology as required by the restrictive covenant.
- Include in the Contract Language a General Special Provision/Special Provisions indicating the possibility of encountering soil and groundwater contamination and develop requirements associated with handling/disposal/management and health and

safety. Require the contractor to develop submittals demonstrating an understanding of site conditions/regulatory requirements. Include this Phase II ESA as a reference document to the design documents.

- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Given the long-term industrial and/or railroad use of the site and because of the restrictive covenant on this parcel, assume soil generated during construction will require offsite disposal at a permitted facility.

11.1.2 2075220011 (Freighthouse Square [FHS] West Parcel), 2075240011 (Freighthouse Square [FHS] Center Parcel), and 2075240013 (Freighthouse Square [FHS] East Parcel)

- Prepare management plans and coordinate with Ecology as required by the restrictive covenant.
- Include in the Contract Language a General Special Provision/Special Provisions indicating the possibility of encountering soil and groundwater contamination and develop requirements associated with handling/disposal/management and health and safety. Require the contractor to develop submittals demonstrating an understanding of site conditions/regulatory requirements. Include this Phase II ESA as a reference document to the design documents.
- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Given the long-term industrial and/or railroad use of the site and because of the restrictive covenant on this parcel, assume soil generated during construction will require offsite disposal at a permitted facility.

11.1.3 2075220015 (Freighthouse Square [FHS] Platform)

While there is no known contamination on this parcel, given the long-term industrial/railroad use of this parcel and vicinity, we provide similar recommendations as adjacent parcels.

- Prepare management plans and coordinate with Ecology as required by the restrictive covenant.
- Include in the Contract Language a General Special Provision/Special Provisions indicating the possibility of encountering soil and groundwater contamination and develop requirements associated with handling/disposal/management and health and safety. Require the contractor to develop submittals demonstrating an understanding of site conditions/regulatory requirements. Include this Phase II ESA as a reference document to the design documents.

- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Given the long-term industrial and/or railroad use of the site and because of the restrictive covenant on this parcel, assume soil generated during construction will require offsite disposal at a permitted facility.

11.1.4 2075220016 (Sound Transit Right-of-Way [ROW])

While there is no known contamination on this parcel, given the long-term industrial/railroad use of this parcel and vicinity, we provide similar recommendations as adjacent parcels.

- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Include in the Contract Language a General Special Provision/Special Provisions indicating the possibility of encountering soil and groundwater contamination and develop requirements associated with handling/disposal/management and health and safety. Require the contractor to develop submittals demonstrating an understanding of site conditions/regulatory requirements. Include this Phase II ESA as a reference document to the design documents.
- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Given the long-term industrial and/or railroad use of the site and because of the restrictive covenant on this parcel, assume soil generated during construction will require offsite disposal at a permitted facility.

11.1.5 2075220050 (Bish Property)

While there is no known contamination on this parcel, given the long-term industrial/railroad use of this parcel and vicinity, we provide similar recommendations as adjacent parcels.

- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Include in the Contract Language a General Special Provision/Special Provisions indicating the possibility of encountering soil and groundwater contamination and develop requirements associated with handling/disposal/management and health and safety. Require the contractor to develop submittals demonstrating an understanding of site conditions/regulatory requirements. Include this Phase II ESA as a reference document to the design documents.

- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Given the long-term industrial and/or railroad use of the site and because of the restrictive covenant on this parcel, assume soil generated during construction will require offsite disposal at a permitted facility.

11.1.6 Acquisition Area (portion of 2075220011 [Freighthouse Square [FHS] West Parcel])

- Prepare management plans and coordinate with Ecology as required by the restrictive covenant.
- Include in the Contract Language a General Special Provision/Special Provisions indicating the possibility of encountering soil and groundwater contamination and develop requirements associated with handling/disposal/management and health and safety. Require the contractor to develop submittals demonstrating an understanding of site conditions/regulatory requirements. Include this Phase II ESA as a reference document to the design documents.
- Include contingency funds in construction cost estimates to manage unexpected conditions that may be observed during construction.
- Given the long-term industrial and/or railroad use of the site and because of the restrictive covenant on this parcel, assume soil generated during construction will require offsite disposal at a permitted facility.

12.0 LIMITATIONS

Within the limitations of scope, schedule, and budget, Shannon & Wilson, Inc. has prepared this report in a professional manner, using the level of skill and care normally exercised for similar projects under similar conditions by reputable and competent environmental consultants currently practicing in this area.

The scope of services was intended to address only those environmental concerns with significant potential to result in contamination of the Site. The sampling effort was considered limited in extent and served as a screening effort only. It was not intended to define the lateral or vertical extent of soil and/or groundwater contamination.

The data presented in this report are based on limited research and sampling at the site and should be considered representative at the time of our observations. Other areas of contamination that were not obvious during our site work could be present at the site. Shannon & Wilson, Inc. is not responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. We also note that the facts

This report was prepared for the exclusive use of Parsons Brinckerhoff, WSDOT, and their representatives, and in no way guarantees that any agency or its staff will reach the same conclusions as Shannon & Wilson, Inc. To help you and others in understanding the limitations of our report, Shannon & Wilson, Inc. has prepared Appendix F, "Important Information About Your EnvironmentalSite Assessment/Evaluation Report."

SHANNON & WILSON, INC.

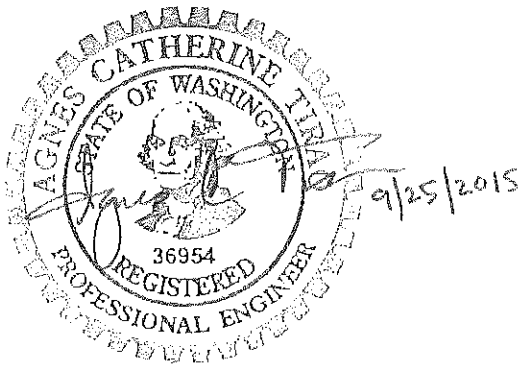

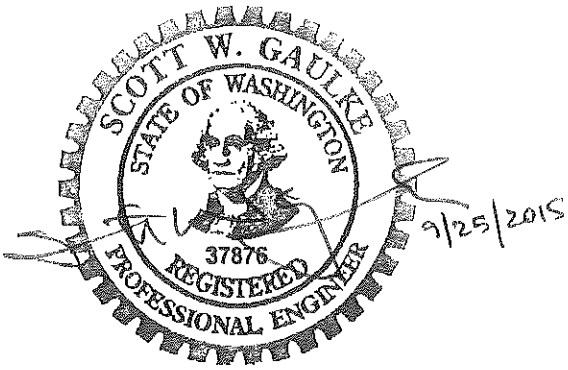

Agnes C. Tirao, P.E.
Associate

Scott W. Gaulke, P.E., L.H.G
Vice President

ZTR:MSR:ACT:SWG/msr

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TABLE 1
EXPLORATION SUMMARY

Probe	Parcel Number	Parcel "Name"	Sample Date	Exploration Depth (ft)	Depth to Water During Drilling (feet)	Sample Designation	Matrix	Sample Depth (feet)	Initial Analyses	Follow-up Analyses	Toxicity Characteristic Leachate Procedure Follow-Up
GP-1	2075220011	FHS West	5/7/2015 & 5/12/2015	10	9	GP-1:0.5	Soil	0.5			
						GP-1:5	Soil	5			
						GP-1:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
						GP-1:GW	Water	--	Gx, Dx, VOCs, SVOCs, Metals		
GP-2	2075220011	FHS West	5/12/2015	10	Not Observed	GP-2:0.5	Soil	0.5			
						GP-2:5	Soil	5			
						GP-2:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-3	2075220011	FHS West	5/12/2015	10	Not Observed	GP-3:0.5	Soil	0.5			
						GP-3:5	Soil	5			
						GP-3:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-4	2075220011	FHS West	5/8/2015	10	Not Observed	GP-4:1.2	Soil	1.2		Gx, Dx, VOCs, SVOCs, Metals, PCBs	
						GP-4:5	Soil	5		Gx, Dx, VOCs, SVOCs, Metals, PCBs	
						GP-4:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
GP-5	2075220011	FHS West	5/8/2015	10	Not Observed	GP-5:1.2	Soil	1.2			
						GP-5:5	Soil	5			
						GP-5:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-6	2075220011	FHS West	5/8/2015	10	Not Observed	GP-6:1.2	Soil	1.2			
						GP-6:5	Soil	5			
						GP-6:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-7	2075220016	Sound Transit	5/7/2015 & 5/12/2015	16	16	GP-7:0.5	Soil	0.5		Gx, Dx, VOCs, SVOCs, Metals, PCBs	
						GP-7:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-7:16	Soil	16	Gx, Dx, VOCs, SVOCs, Metals		
GP-8	2075220016	Sound Transit	5/7/2015 & 5/12/2015	18	16.5	GP-8:0.5	Soil	0.5			
						GP-8:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-8:16.5	Soil	16.5	Gx, Dx, VOCs, SVOCs, Metals		
GP-9	2075220016	Sound Transit	5/7/2015 & 5/12/2015	18	Not Observed	GP-9:0.5	Soil	0.5			
						GP-9:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-9:18	Soil	18	Gx, Dx, VOCs, SVOCs, Metals		
FHS-1	2075220011	FHS West	11/17/2014	31.5	17.5	FHS-1:1.5	Soil	1.5	Dx, PAH, Metals		
						FHS-1:17.5	Soil	17.5	Gx, Dx, VOCs, PAHs, Metals		
						FHS-1:20	Soil	20	Dx, PAH, Metals		
			5/7/2015			FHS-1:GW	Water	--	Gx, Dx, VOCs, SVOCs, Metals		
FHS-2	2075220011	FHS West	11/17/2014	31.5	17	FHS-2:1.5	Soil	1.5	Dx, PAH, Metals		
						FHS-2:20	Soil	20	Dx, PAH, Metals		
FHS-3	2075220016	Sound Transit	5/5/2015	50.5	13	FHS-3:0.5	Soil	0.5	Dx, PAH, Metals		
						FHS-3:13	Soil	13	Dx, PAH, Metals		
FHS-5	2075220016	Sound Transit	5/4/2015	50.5	27	FHS-5:30	Soil	30	Dx, PAH, Metals		
			5/8/2015			FHS-5:GW	Water	--	Gx, Dx, VOCs, SVOCs, Metals		

TABLE 1
EXPLORATION SUMMARY

Probe	Parcel Number	Parcel "Name"	Sample Date	Exploration Depth (ft)	Depth to Water During Drilling (feet)	Sample Designation	Matrix	Sample Depth (feet)	Initial Analyses	Follow-up Analyses	Toxicity Characteristic Leachate Procedure Follow-Up
GP-10	2075200011	FHS Parking Lot	8/19/2015	18	13	GP-10-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-10-15:6	Soil	6	Dx, VOCs, SVOCs	PCBs	
						GP-10-15:13	Soil	13	Gx, Dx, VOCs, SVOCs, Metals		
						GP-10-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-11	2075200011	FHS Parking Lot	8/19/2015	18	13	GP-11-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-11-15:6	Soil	6	Dx		
						GP-11-15:13.5	Soil	13.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Cr
						GP-11-15:DUP	Soil	13.5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-11-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-12	2075220011	FHS West	8/19/2015	15	13	GP-12-15:1.5	Soil	1.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-12-15:6.0	Soil	6	Gx, Dx	PCBs	
						GP-12-15:13	Soil	13	Gx, Dx, VOCs, SVOCs, Metals		
						GP-12-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-13	2075240011	FHS Center	8/20/2015	21.5	Not Observed	GP-13-15:1	Soil	1	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-13-15:6	Soil	6	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-13-15:DUP	Soil	6	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-13-15:15	Soil	15	Gx, Dx, VOCs, SVOCs, Metals		
						GP-13-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals		
GP-14	2075240011	FHS Center	8/19/2015	21.5	Not Observed	GP-14-15:1	Soil	1	Gx, Dx, VOCs, SVOCs, Metals		
						GP-14-15:6	Soil	6	Gx, Dx, VOCs, SVOCs, Metals		
						GP-14-15:15	Soil	15	Gx, Dx, VOCs, SVOCs, Metals		
						GP-14-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
GP-15	2075240011	FHS Center	8/20/2015	26.5	25	GP-15-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-15-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
			8/21/2015			GP-15-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals		
						GP-15-15:25	Soil	25	Gx, Dx, VOCs, SVOCs, Metals		
						GP-15-15:DUP	Soil	25	Gx, Dx, VOCs, SVOCs, Metals		
						GP-15-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-16	2075240011	FHS Center	8/19/2015	41.5	38	GP-16-15:1	Soil	1	Gx, Dx, VOCs, SVOCs, Metals		
						GP-16-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
						GP-16-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals		
						GP-16-15:40	Soil	40	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-16-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-17	2075240013	FHS East	8/21/2015	19.5	15	GP-17-15:8	Soil	8	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-17-15:17	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
						GP-17-15:GW	Water	--	Gx, Dx, VOCs, Metals		

TABLE 1
EXPLORATION SUMMARY

Probe	Parcel Number	Parcel "Name"	Sample Date	Exploration Depth (ft)	Depth to Water During Drilling (feet)	Sample Designation	Matrix	Sample Depth (feet)	Initial Analyses	Follow-up Analyses	Toxicity Characteristic Leachate Procedure Follow-Up
GP-18	2075220016	Sound Transit	8/17/2015	21.4	13.5	GP-18-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Pb
						GP-18-15:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Pb
						GP-18-15:DUP	Soil	5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
			8/18/2015			GP-18-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
GP-19	2075240013	FHS East	8/21/2015	19.5	10.5	GP-19-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-19-15:8	Soil	8	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-19-15:17	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
GP-20	2075240013	FHS East	8/21/2015	26.5	5	GP-20-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-20-15:8	Soil	8	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-20-15:17	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
						GP-20-15:DUP	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
						GP-20-15:25	Soil	25	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-20-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-21	--	City of Tacoma	8/17/2015	16	Not Observed	GP-21-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-21-15:5	Soil	5			
						GP-21-15:10	Soil	10			
						GP-21-15:15	Soil	15	Gx, Dx, VOCs, SVOCs, Metals		
GP-22	2075220050	Bish	8/19/2015	30.3	25	GP-22-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-22-15:10	Soil	10			
						GP-22-15:20	Soil	20			
						GP-22-15:30	Soil	30	Gx, Dx, VOCs, SVOCs, Metals		
						GP-22-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-23	2075220050	Bish	8/19/2015	11.5	Not Observed	GP-23-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Pb
						GP-23-15:5	Soil	5			
						GP-23-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		

Notes:
-- = not applicable
Cr = chromium
Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
FHS = Freighthouse Square
GP = geoprobe
Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
Metals = analysis for metals by U.S. Environmental Protection Agency methods 6000/7000/200 series
PAHs = analysis for polycyclic aromatic hydrocarbons by the U.S. Environmental Protection Agency method 8270D Selective Ion Monitoring
Pb = lead
PCBs = analysis for polychlorinated biphenyls by U.S. Environmental Protection Agency method 8082A
SVOCs = analysis for semi-volatile organic compounds by U.S. Environmental Protection Agency method 8270D Selective Ion Monitoring
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by U.S. Environmental Protection Agency method 1311/ 6010C
VOCs = analysis for volatile organic compounds by U.S. Environmental Protection Agency method 8260B

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075200011 (FHS PARKING LOT)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		GP-10 8/19/2015			GP-11 8/19/2015			
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	6 feet	13 feet	0.5 foot	6 feet	13.5 feet	(DUP) 13.5 feet
Petroleum Hydrocarbons												
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 7.9	--	< 4.6	< 4.9	--	< 5.3	< 4.4
Diesel-Range	NWTPH-Dx	200	200	NE	NE	**370**	< 33	< 29	< 28	< 30	< 32	< 28
Oil-Range		200	200	NE	NE	**870**	< 65	< 58	< 55	< 59	**350**	< 56
Metals												
Arsenic	EPA 6010C/7471B	20	200	24	0.67	< 13	--	< 12	< 11	--	< 13	< 11
Barium		NE	NE	16,000	NE	**1100**	--	**60**	**75**	--	**150**	**55**
Cadmium		2	10	80	NE	< 0.64	--	< 0.58	< 0.55	--	< 0.64	< 0.56
Chromium[A]		100	500	120,000	NE	**18 (J)**	--	**46 (J)**	**41 (J)**	--	**150 (J)**	**26**
Chromium[A,B] - TCLP	EPA 1311/ 6010C	--	--	--	--	--	--	--	--	--	**0.020**	--
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	**8.0**	--	< 5.8	**28**	--	< 6.4	< 5.6
Mercury	EPA 6010C/7471B	1	1	NE	NE	< 0.32	--	< 0.29	< 0.28	--	< 0.32	< 0.28
Selenium		NE	NE	400	NE	< 13	--	< 12	< 11	--	< 13	< 11
Silver		NE	NE	400	NE	< 1.3	--	< 1.2	< 1.1	--	< 1.3	< 1.1
Detected VOCs												
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.015	--	< 0.0062	< 0.0095	**0.0078**	**0.021**	< 0.0076
Carbon Disulfide		NE	NE	8,000	NE	**0.0045**	--	**0.0025**	< 0.00095	< 0.00068	**0.0013**	**0.00096**
2-Butanone		NE	NE	48,000	NE	< 0.0077	--	< 0.0031	< 0.0048	< 0.0034	< 0.0047	< 0.0038
All other VOCs		NA	NA	NA	NA	< RL	--	< RL	< RL	< RL	< RL	< RL
Detected SVOCs and/or PAHs												
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	**1.2**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
2-Methylnaphthalene				320	NE	**0.52**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
1-Methylnaphthalene				5,600	34.48	**0.40**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Acenaphthylene		NE	NE	NE	NE	**0.99**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Acenaphthene		NE	NE	4,800	NE	**0.12**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.43	< 0.044	< 0.038	< 0.037	--	< 0.043	< 0.037
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	**0.72**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Phenanthrene		NE	NE	NE	NE	**9.2**	< 0.0087	< 0.0077	**0.0085**	--	< 0.0085	< 0.0075
Anthracene		NE	NE	24,000	NE	**2.4**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Fluoranthene		NE	NE	3,200	NE	**21**	< 0.0087	< 0.0077	**0.026**	--	< 0.0085	< 0.0075
Pyrene		NE	NE	2,400	NE	**24**	**0.0098**	< 0.0077	**0.029**	--	**0.011**	< 0.0075
Benzo(a)anthracene		NE	NE	NE	1.37	**11**	< 0.0087	< 0.0077	**0.020**	--	< 0.0085	< 0.0075
Chrysene		NE	NE	NE	136.99	**11**	< 0.0087	< 0.0077	**0.020**	--	< 0.0085	< 0.0075
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.43	< 0.044	< 0.038	< 0.037	--	< 0.043	< 0.037
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	**12**	< 0.0087	< 0.0077	**0.019**	--	< 0.0085	< 0.0075
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	**4.3**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Benzo(a)pyrene		NE	NE	NE	0.14	**11**	< 0.0087	< 0.0077	**0.021**	--	< 0.0085	< 0.0075
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	**6.0**	< 0.0087	< 0.0077	**0.011**	--	< 0.0085	< 0.0075
Dibenz(a,h)anthracene		NE	NE	NE	0.14	**1.7**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Benzo(g,h,i)perylene		NE	NE	NE	NE	**6.6**	< 0.0087	< 0.0077	**0.010**	--	< 0.0085	< 0.0075
All other SVOCs/PAHs		NA	NA	NA	NA	NE	NE	< RL	< RL	--	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	**15**	< RL	< RL	**0.028**	--	< RL	< RL
PCBs												
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.064	< 0.050	--	--	--	< 0.064	--

Notes:
[A] Screening criteria are for chromium (III)
[B] Dangerous Waste criteria for chromium is 1 milligram per liter
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
DUP = duplicate sample
EPA = US Environmental Protection Agency
J = estimated value following data quality review
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by U.S. Environmental Protection Agency method 1311/ 6010C
TEF = toxicity equivalence factor
VOCs = volatile organic compounds

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220011 (FHS WEST PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), miligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), miligrams per kilogram		GP-1 5/7/2015 & 5/12/2015			GP-2 5/12/2015			GP-3 5/12/2015			GP-4 5/8/2015			GP-5 5/8/2015			GP-6 5/8/2015			GP-12 8/19/2015			FHS-1 11/17/2014			FHS-2 11/17/2014	
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	5 feet	10 feet	0.5 feet	5 feet	10 feet	0.5 foot	5 feet	10 feet	1.2 feet	5 feet	10 feet	1.2 feet	5 feet	10 feet	1.2 feet	5 feet	10 feet	1.5 feet	6.0 feet	13 feet	1.5 feet	17.5 feet	20 feet	1.5 feet	20 feet
Petroleum Hydrocarbons																															
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	--	--	< 5.1	--	--	< 6.7	--	--	< 5.4	< 5.7	< 5.7	< 4.2	--	--	< 7.0	--	--	< 8.2	< 6.6	--	< 6.1	--	< 4.4	--	--	--
Diesel-Range	NWTPH-Dx	200	200	NE	NE	--	--	< 28	--	--	< 29	--	--	< 27	< 61	< 100	< 27	--	--	< 26	--	--	< 34	< 27	**29**	< 32	< 26	**580**	**590**	< 27	< 31
Oil-Range		200	200	NE	NE	--	--	< 55	--	--	< 58	--	--	< 54	**460**	**690**	**89**	--	--	< 52	--	--	< 69	**200**	**88**	< 63	< 52	**260**	**260**	< 53	< 61
Metals																															
Arsenic	EPA 6010C/7471B	20	200	24	0.67	--	--	< 11	--	--	< 12	--	--	< 11	< 11	< 11	< 11	--	--	< 10	--	--	< 14	< 11	--	< 13	< 10	< 11	< 12	< 11	< 12
Barium		NE	NE	16,000	NE	--	--	**33**	--	--	**54**	--	--	**48**	**54**	**100**	**59**	--	--	**30**	--	--	**110**	**72**	--	**71**	**55**	**53**	**37**	**56**	**43**
Cadmium		2	10	80	NE	--	--	< 0.55	--	--	< 0.58	--	--	< 0.54	< 0.67	< 0.67	< 0.54	--	--	< 0.52	--	--	< 0.69	< 0.54	--	< 0.63	< 0.52	< 0.57	< 0.60	< 0.53	< 0.61
Chromium[A]		100	500	120,000	NE	--	--	**23**	--	--	**29**	--	--	**25**	**21**	**21**	**29**	--	--	**16**	--	--	**31**	**22 (J)**	--	**25 (J)**	**25**	**26**	**28**	**27**	**24**
Copper		NE	NE	3,200	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**55**	--	--	--	--	--
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	--	--	**12**	--	--	< 5.8	--	--	< 5.4	**15**	**85**	**26**	--	--	< 5.2	--	--	< 6.9	**15**	--	< 6.3	< 5.2	**23**	**6.2**	< 5.3	**6.3**
Mercury	EPA 6010C/7471B	1	1	NE	NE	--	--	< 0.28	--	--	< 0.29	--	--	< 0.27	< 0.27	< 0.27	< 0.27	--	--	< 0.26	--	--	< 0.34	< 0.27	--	< 0.32	< 0.26	< 0.29	< 0.30	< 0.27	< 0.30
Nickel		NE	NE	880	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**12**	--	--	--	--	--
Selenium		NE	NE	400	NE	--	--	< 11	--	--	< 12	--	--	< 11	< 11	< 11	< 11	--	--	< 10	--	--	< 14	< 11	--	< 13	< 10	< 11	< 12	< 11	< 12
Silver		NE	NE	400	NE	--	--	< 1.1	--	--	< 1.2	--	--	< 1.1	< 1.1	< 1.1	< 1.1	--	--	< 1.0	--	--	< 1.4	<1.1	--	< 1.3	< 1.0	< 1.1	< 1.2	< 1.1	< 1.2
Zinc		NE	NE	24,000	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**46**	--	--	--	--	--
Detected VOCs																															
Acetone	EPA 8260C	NE	NE	72,000	NE	--	--	< 0.0087	--	--	< 0.0095	--	--	< 0.011	< 0.0062	< 0.0066	**0.030**	--	--	**0.015**	--	--	< 0.0071	< 0.0068	--	< 0.011	--	< 00047	--	--	--
Carbon Disulfide		NE	NE	8,000	NE	--	--	< 0.0011	--	--	< 0.0012	--	--	< 0.0013	< 0.00077	< 0.00083	< 0.0010	--	--	**0.0012**	--	--	< 0.00088	< 0.00068	--	**0.0013**	--	< 0.00050	--	--	--
2-Butanone		NE	NE	48,000	NE	--	--	< 0.0054	--	--	< 0.0060	--	--	< 0.0066	< 0.0039	< 0.0041	< 0.0051	--	--	< 0.0045	--	--	< 0.0044	< 0.0034	--	< 0.0056	--	**0.0029**	--	--	--
All other VOCs		NA	NA	NA	NA	--	--	< RL	--	--	< RL	--	--	< RL	< RL	< RL	< RL	--	--	< RL	--	--	< RL	< RL	--	< RL	--	< RL	--	--	--
Detected SVOCs and/or PAHs																															
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.067**	**0.099**	**0.022**	--	--	< 0.0069	--	--	< 0.0091	**0.014**	--	< 0.0084	< 0.0070	**0.032**	**0.043**	< 0.0071	**0.010**
2-Methylnaphthalene				320	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	< 0.036	**0.073**	**0.026**	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	**0.060**	**0.075**	< 0.0071	< 0.0081
1-Methylnaphthalene				5,600	34.48	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	< 0.036	**0.061**	**0.018**	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	**0.29**	**0.60**	< 0.0071	< 0.0081
Acenaphthylene		NE	NE	NE	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	< 0.036	**0.12**	< 0.0072	--	--	< 0.0069	--	--	< 0.0091	**0.014**	--	< 0.0084	< 0.0070	**0.017**	**0.046**	< 0.0071	< 0.0081
Acenaphthene		NE	NE	4,800	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.056**	< 0.036	< 0.0072	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	**0.031**	**0.093**	< 0.0071	< 0.0081
Dibenzofuran	EPA 8270D	NE	NE	80	NE	--	--	< 0.037	--	--	< 0.039	--	--	< 0.036	< 0.18	< 0.18	< 0.036	--	--	< 0.035	--	--	< 0.046	< 0.36	--	< 0.042	--	--	--	--	--
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.057**	**0.072**	< 0.0072	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	**0.085**	**0.29**	< 0.0071	< 0.0081
Phenanthrene		NE	NE	NE	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.60**	**0.62**	**0.057**	--	--	< 0.0069	--	--	< 0.0091	**0.041**	--	< 0.0084	< 0.0070	**0.09**	**0.15**	< 0.0071	**0.011**
Anthracene		NE	NE	24,000	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.16**	**0.14**	**0.018**	--	--	< 0.0069	--	--	< 0.0091	**0.026**	--	< 0.0084	< 0.0070	**0.019**	**0.034**	< 0.0071	< 0.0081
Fluoranthene		NE	NE	3,200	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.68**	**0.37**	**0.10**	--	--	< 0.0069	--	--	< 0.0091	**0.039**	--	< 0.0084	< 0.0070	**0.049**	**0.018**	< 0.0071	**0.013**
Pyrene		NE	NE	2,400	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**1.3**	**0.46**	**0.097**	--	--	< 0.0069	--	--	< 0.0091	**0.041**	--	< 0.0084	< 0.0070	**0.044**	**0.019**	< 0.0071	**0.012**
Benzo(a)anthracene		NE	NE	NE	1.37	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.57**	**0.20**	**0.059**	--	--	< 0.0069	--	--	< 0.0091	**0.024**	--	< 0.0084	< 0.0070	**0.026**	< 0.016	< 0.0071	< 0.0081
Chrysene		NE	NE	NE	136.99	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.59**	**0.20**	**0.069**	--	--	< 0.0069	--	--	< 0.0091	**0.027**	--	< 0.0084	< 0.0070	**0.035**	< 0.016	< 0.0071	**0.012**
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	--	--	< 0.037	--	--	< 0.039	--	--	< 0.036	**5.0**	< 0.18	< 0.036	--	--	< 0.035	--	--	< 0.046	< 0.36	--	<0.042	--	--	--	--	--
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.71**	**0.21**	**0.090**	--	--	< 0.0069	--	--	< 0.0091	**0.023**	--	< 0.0084	< 0.0070	**0.028**	< 0.016	< 0.0071	**0.0092**
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.20**	**0.059**	**0.038**	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	**0.019**	< 0.016	< 0.0071	< 0.0081
Benzo(a)pyrene		1	20	NE	0.14	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.55**	**0.16**	**0.066**	--	--	< 0.0069	--	--	< 0.0091	**0.021**	--	< 0.0084	< 0.0070	**0.026**	< 0.016	< 0.0071	< 0.0081
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.25**	**0.086**	**0.039**	--	--	< 0.0069	--	--	< 0.0091	**0.022**	--	< 0.0084	< 0.0070	**0.015**	< 0.016	< 0.0071	< 0.0081
Dibenz(a,h)anthracene		NE	NE	NE	0.14	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.097**	< 0.036	**0.0096**	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	< 0.0076	< 0.016	< 0.0071	< 0.0081
Benzo(g,h,i)perylene		NE	NE	NE	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	**0.32**	**0.11**	**0.050**	--	--	< 0.0069	--	--	< 0.0091	**0.028**	--	< 0.0084	< 0.0070	**0.018**	< 0.016	< 0.0071	< 0.0081
All other SVOCs/PAHs		NA	NA	NA	NA	--	--	< RL	--	--	< RL	--	--	< RL	< RL	< RL	< RL	--	--	< RL	--	--	< RL	< RL	--	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	--	--	< RL	--	--	< RL	--	--	< RL	**0.77**	**0.22**	**0.093**	--	--	< RL	--	--	< RL	**0.032**	--	< RL	< RL	**0.037**	< RL	< RL	**0.0079**
PCBs																															
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	--	--	--	--	--	--	--	--	--	< RL	< RL	< RL	--	--	--	--	--	--	< 0.054	< 0.057	--	--	--	--	--	--

Notes:
[A] Screening criteria are for chromium (III).
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
EPA = U.S. Environmental Protection Agency
J = estimated value following data quality review
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
TEF = toxicity eequivalence factor

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075240011 (FHS CENTER PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels, (2015) milograms per kilogram		GP-13 8/20/2015					GP-14 8/19/2015				GP-15 8/20/2015 & 8/21/2015					GP-16 8/19/2015			
		Unrestricted	Industrial	Non-Cancer	Cancer	1 foot	6 feet	(DUP) 6 feet	15 feet	20 feet	1 foot	6 feet	15 feet	20 feet	0.5 foot	10 feet	20 feet	25 feet	(DUP) 25 feet	1 foot	10 feet	20 feet	40 feet
Petroleum Hydrocarbons																							
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 5.7	< 5.2	< 4.2	< 4.0	< 8.0	< 5.4	< 6.5	< 5.1	< 5.3	< 5.4	< 4.6	< 4.7	< 6.0	< 5.2	< 5.1	< 5.4	< 6.1	< 6.6
Diesel-Range	NWTPH-Dx	200	200	NE	NE	< 130	< 27	< 27	< 26	< 33	< 27	< 28	< 26	< 26	< 26	< 28	< 28	< 30	< 31	< 26	< 28	< 28	< 30
Oil-Range		200	200	NE	NE	**1600**	**150**	< 54	< 53	< 65	< 53	< 57	< 52	**66**	**380**	< 56	< 57	< 60	< 61	< 53	< 56	< 55	**85**
Metals																							
Arsenic		20	200	24	0.67	< 11	< 11	< 11	< 11	< 13	< 11	< 11	< 10	< 10	< 10	< 11	< 11	< 12	< 12	< 11	< 11	< 11	< 12
Barium		NE	NE	16,000	NE	**130**	**43**	**60**	**40**	**100**	**58**	**63**	**22**	**17**	**43**	**65**	**55**	**48**	**58**	**37**	**51**	**49**	**53**
Cadmium	EPA 6010C/7471B	2	2	80	NE	< 0.54	< 0.55	< 0.54	< 0.53	< 0.65	< 0.53	< 0.57	< 0.52	< 0.52	< 0.52	< 0.56	< 0.57	< 0.60	< 0.61	< 0.53	< 0.56	< 0.55	< 0.60
Chromium[A]		100	500	120,000	NE	**40**	**28**	**33**	**25**	**19**	**27**	**28**	**15**	**10**	**9.8**	**43**	**43**	**36**	**41**	**17**	**31**	**27**	**25**
Copper		NE	NE	3,200	NE	--	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	**6.8**	< 5.5	< 5.4	< 5.3	< 6.5	**5.8**	**32**	< 5.2	< 5.2	< 5.2	< 5.6	< 5.7	< 6.0	< 6.1	< 5.3	< 5.6	< 5.5	< 6.0
Mercury		1	1	NE	NE	< 0.27	< 0.27	< 0.27	< 0.26	< 0.33	< 0.27	< 0.28	< 0.26	< 0.26	< 0.26	< 0.28	< 0.28	< 0.30	< 0.31	< 0.26	< 0.28	< 0.28	< 0.30
Nickel		NE	NE	880	NE	--	--	--	**20**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	EPA 6010C/7471B	NE	NE	400	NE	< 11	< 11	< 11	< 11	< 13	< 11	< 11	< 10	< 10	< 10	< 11	< 11	< 12	< 12	< 11	< 11	< 11	< 12
Silver		NE	NE	400	NE	< 1.1	< 1.1	< 1.1	< 1.1	< 1.3	< 1.1	< 1.1	< 1.0	< 1.0	**3.3**	< 1.1	< 1.1	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
Zinc		NE	NE	24,000	NE	--	--	--	**28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Detected VOCs																							
Acetone		NE	NE	72,000	NE	< 0.0047	< 0.0044	< 0.0040	< 0.0039	< 0.010	< 0.0047	**0.021**	< 0.0070	< 0.0062	< 0.0035	< 0.0040	< 0.0037	< 0.0052	< 0.0032	< 0.0062	< 0.0044	< 0.0064	< 0.0060
Carbon Disulfide	EPA 8260C	NE	NE	8,000	NE	< 0.00094	< 0.00088	< 0.00079	< 0.00078	< 0.0020	< 0.00093	< 0.0012	< 0.0014	< 0.0012	< 0.00071	< 0.00079	< 0.00074	< 0.0010	< 0.00065	< 0.0012	< 0.00087	< 0.0013	< 0.0012
2-Butanone		NE	NE	48,000	NE	< 0.0047	< 0.0044	< 0.0040	< 0.0039	< 0.010	< 0.0047	< 0.0062	< 0.0070	< 0.0062	< 0.0035	< 0.0040	< 0.0037	< 0.0052	< 0.0032	< 0.0062	< 0.0044	< 0.0064	< 0.0060
All other VOCs		NA	NA	NA	NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	<RL	<RL	<RL	<RL
Detected SVOCs and/or PAHs																							
Naphthalene				1,600	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.098**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
2-Methylnaphthalene	EPA 8270D SIM	NE	NE	320	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.071**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
1-Methylnaphthalene				5,600	34.48	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.045**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Acenaphthylene		NE	NE	NE	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.055**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Acenaphthene		NE	NE	4,800	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.014**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.36	< 0.036	< 0.036	< 0.035	< 0.043	< 0.36	**0.042**	< 0.035	< 0.034	< 0.17	< 0.037	< 0.038	< 0.040	< 0.041	< 0.035	< 0.038	< 0.037	< 0.040
Fluorene		NE	NE	3,200	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.028**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Phenanthrene		NE	NE	NE	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.33**	< 0.0070	< 0.0069	**0.012**	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Anthracene		NE	NE	24,000	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.17**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	**0.061**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**4.7**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Pyrene		NE	NE	2,400	NE	**0.070**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**3.7**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	**0.011**
Benzo(a)anthracene		NE	NE	NE	1.37	**0.054**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**2.1**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Chrysene		NE	NE	NE	136.99	**0.052**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	**0.046**	**3.0**	< 0.0070	< 0.0069	**0.014**	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.36	< 0.036	< 0.036	**0.046**	< 0.043	< 0.36	< 0.038	< 0.035	< 0.034	< 0.17	< 0.037	< 0.038	< 0.040	< 0.041	< 0.035	< 0.038	< 0.037	< 0.040
Benzo(b)fluoranthene		NE	NE	NE	1.37	**0.066**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**2.0**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.74**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Benzo(a)pyrene		1	20	NE	0.14	**0.051**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.87**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Indeno(1,2,3-cd)pyrene	EPA 8270D SIM	NE	NE	NE	1.37	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.36**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.11**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Benzo(g,h,i)perylene		NE	NE	NE	NE	**0.049**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.30**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
All other SVOCs/PAHs		NA	NA	NA	NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	**0.074**	< RL	< RL	< RL	< RL	**0.033**	**1.5**	< RL	< RL	**0.0064**	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
PCBs																							
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.027	< 0.027	< 0.027	--	--	--	--	--	< 0.052	< 0.026	--	--	--	--	--	--	--	< 0.060

Notes:
[A] Screening criteria are for chromium (III)
[C] Dangerous Waste criteria for chromium is 1 milligram per liter
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
DUP = duplicate sample
EPA = U.S. Environmental Protection Agency
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TEF = toxicity equivalence factor
VOC = volatile equivalence factor

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075240013 (FHS EAST PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		GP-17 8/21/2015		GP-19 8/21/2015			GP-20 8/21/2015				
		Unrestricted	Industrial	Non-Cancer	Cancer	8 feet	17 feet	0.5 foot	8 feet	17 feet	0.5 foot	8 feet	17 feet	(DUP) 17 feet	25 feet
Petroleum Hydrocarbons															
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 4.3	< 5.0	< 4.6	< 5.8	< 4.6	< 4.5	< 5.0	< 6.6	< 7.5	< 11
Diesel-Range	NWTPH-Dx	200	200	NE	NE	< 27	< 31	< 510	< 31	< 28	< 26	< 33	< 36	< 37	< 42
Oil-Range		200	200	NE	NE	**84**	< 62	**4300**	**78**	< 57	**120**	**130**	< 72	< 73	**150**
Metals															
Arsenic	EPA 6010C/7471B	20	200	24	0.67	< 11	< 12	< 10	< 13	< 11	< 10	< 13	< 14	< 15	< 17
Barium		NE	NE	16,000	NE	**58**	**56**	**49**	**120**	**62**	**36**	**110**	**20**	**21**	**55**
Cadmium		2	10	80	NE	< 0.54	< 0.62	< 0.51	< 0.63	< 0.57	< 0.52	< 0.66	< 0.72	< 0.73	< 0.84
Chromium[A]		100	500	120,000	NE	**32**	**37**	**20**	**58**	**40**	**16**	**51**	**18**	**16**	**31**
Copper		NE	NE	3,200	NE	**17**	--	--	--	--	**19**	--	--	--	--
Lead	EPA 6010C/7471B	250	1,000	NE	NE	< 5.4	< 6.2	< 5.1	< 6.3	< 5.7	**18**	**66**	< 7.2	< 7.3	**48**
Mercury	EPA 6010C/7471B	1	1	NE	NE	< 0.27	< 0.31	< 0.26	< 0.31	< 0.28	< 0.26	< 0.33	< 0.36	< 0.37	< 0.42
Nickel		NE	NE	880	NE	**41**	--	--	--	--	**12**	--	--	--	--
Selenium		NE	NE	400	NE	< 11	< 12	< 10	< 13	< 11	< 10	< 13	< 14	< 15	< 17
Silver		NE	NE	400	NE	< 1.1	< 1.2	< 1.0	< 1.3	< 1.1	< 1.0	< 1.3	< 1.4	< 1.5	< 1.7
Zinc		NE	NE	24,000	NE	**37**	--	--	--	--	**52**	--	--	--	--
Detected VOCs															
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0035	< 0.0046	**0.015**	**0.046**	< 0.0045	< 0.0040	**0.030**	**0.038**	**0.058**	**0.094**
Carbon Disulfide		NE	NE	8,000	NE	< 0.00071	< 0.00092	< 0.0011	< 0.0010	< 0.00089	< 0.00080	< 0.00063	**0.0016**	**0.0039**	**0.0034**
2-Butanone		NE	NE	48,000	NE	< 0.0035	< 0.0046	**0.0065**	**0.010**	< 0.0045	< 0.0040	**0.0078**	**0.0097**	**0.018**	**0.028**
p-Isopropyltoluene		NE	NE	NE	NE	< 0.00071	< 0.00092	< 0.0011	< 0.0010	< 0.00089	< 0.00080	**0.0016**	< 0.00077	< 0.00085	< 0.0010
All other VOCs		NA	NA	NA	NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
Detected SVOCs and/or PAHs															
(3+4)-Methylphenol (m,p-Cresol)	EPA 8270D	NE	NE	NE	NE	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	**0.053**	< 0.048	< 0.049	< 0.056
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	< 0.0072	< 0.0082	< 0.068	**0.019**	< 0.0075	**0.017**	**0.22**	< 0.0096	< 0.0098	**0.023**
2-Methylnaphthalene				320	NE	< 0.0072	< 0.0082	**0.079**	**0.0085**	< 0.0075	**0.011**	**0.11**	< 0.0096	< 0.0098	**0.011**
1-Methylnaphthalene				5,600	34.48	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.0094**	**0.12**	< 0.0096	< 0.0098	< 0.011
Acenaphthylene		NE	NE	NE	NE	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.040**	**0.036**	< 0.0096	< 0.0098	< 0.011
Acenaphthene		NE	NE	4,800	NE	< 0.0072	< 0.0082	< 0.068	**0.0087**	< 0.0075	**0.0083**	**0.068**	< 0.0096	< 0.0098	< 0.011
4-Nitrophenol	EPA 8270D	NE	NE	NE	NE	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	< 0.044	< 0.048	**0.049**	< 0.056
Dibenzofuran		NE	NE	80	NE	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	**0.054**	< 0.048	< 0.049	< 0.056
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.017**	**0.055**	< 0.0096	< 0.0098	< 0.011
Phenanthrene		NE	NE	NE	NE	< 0.0072	< 0.0082	**0.17**	**0.024**	< 0.0075	**0.20**	**0.17**	< 0.0096	< 0.0098	**0.022**
Anthracene		NE	NE	24,000	NE	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.096**	**0.059**	< 0.0096	< 0.0098	< 0.011
Fluoranthene		NE	NE	3,200	NE	< 0.0072	< 0.0082	< 0.068	**0.012**	< 0.0075	**0.32**	**0.078**	< 0.0096	< 0.0098	**0.041**
Pyrene		NE	NE	2,400	NE	< 0.0072	< 0.0082	< 0.068	**0.013**	< 0.0075	**0.36**	**0.083**	< 0.0096	**0.020**	**0.037**
bis-2-Ethylhexyadipate	EPA 8270D	NE	NE	NE	NE	**0.039**	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	< 0.044	< 0.048	< 0.049	**0.058**
Benzo(a)anthracene	EPA 8270D SIM	NE	NE	NE	1.37	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.15**	**0.045**	< 0.0096	< 0.0098	**0.024**
Chrysene		NE	NE	NE	136.99	< 0.0072	< 0.0082	**0.19**	**0.011**	< 0.0075	**0.16**	**0.047**	< 0.0096	< 0.0098	**0.025**
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	**0.040**	< 0.044	< 0.048	< 0.049	< 0.056
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.18**	**0.041**	< 0.0096	< 0.0098	**0.019**
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.058**	**0.011**	< 0.0096	< 0.0098	< 0.011
Benzo(a)pyrene		1	20	NE	0.14	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.16**	**0.037**	< 0.0096	< 0.0098	**0.013**
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.10**	**0.025**	< 0.0096	< 0.0098	< 0.011
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	**0.021**	< 0.0087	< 0.0096	< 0.0098	< 0.011
Benzo(g,h,i)perylene		NE	NE	NE	NE	< 0.0072	< 0.0082	**0.07**	< 0.0084	< 0.0075	**0.11**	**0.029**	< 0.0096	< 0.0098	< 0.011
All other SVOCs/PAHs		NA	NA	NA	NA	**0.039**	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	< RL	< RL	**0.063**	**0.077**	< RL	**0.22**	**0.051**	< RL	< RL	**0.021**
PCBs															
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.054	--	< 0.051	< 0.063	--	< 0.052	< 0.066	--	--	< 0.084

Notes:
[A] Screening criteria are for chromium (III)
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
DUP = duplicate sample
EPA = U.S. Environmental Protection Agency
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TEF = toxicity equivalence factor
VOCs = volatile organic compounds

TABLE 6
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220016 (SOUND TRANSIT RIGHT-OF-WAY)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (2013), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		GP-7 5/7/2015 & 5/12/2015			GP-8 5/7/2015 & 5/12/2015			GP-9 5/7/2015 & 5/12/2015			GP-18 8/17/2015 & 8/18/2015				FHS-3 5/5/2015		FHS-5 5/4/2015
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	5 feet	16 feet	0.5 foot	5 feet	16.5 feet	0.5 foot	5 feet	18 feet	0.5 foot	5 feet	(DUP) 5 feet	10 feet	0.5 foot	13 feet	30 feet
Petroleum Hydrocarbons																					
Gasoline-Range	NWTPH-Gx	100/30	100/30	NE	NE	< 6.0	< 5.6	< 5.8	--	< 4.9	< 7.1	--	< 5.3	< 5.2	< 4.2	< 4.4	< 3.8	< 5.0	--	--	--
Diesel-Range	NWTPH-Dx	2,000	2,000	NE	NE	< 90	< 37	< 28	--	< 31	< 31	--	< 26	< 26	< 57	< 27	< 25	< 29	< 28	< 31	< 29
Oil-Range	NWTPH-Dx	2,000	2,000	NE	NE	**380**	**310**	< 56	--	< 63	< 61	--	< 53	< 52	**930**	**180**	**170**	**74**	**170**	< 62	< 57
Metals																					
Arsenic	EPA 6010C/7471B	20	20	24	0.67	< 11	< 11	< 11	--	< 13	**19**	--	< 11	< 10	**12**	< 11	< 10	< 12	< 11	< 12	< 11
Barium	EPA 6010C/7471B	NE	NE	16,000	NE	**65**	**42**	**35**	--	**78**	**36**	--	**52**	**42**	**64**	**96**	**81**	**68**	**54**	**44**	**19**
Cadmium	EPA 6010C/7471B	2	2	80	NE	< 0.57	< 0.53	< 0.56	--	< 0.63	< 0.61	--	< 0.53	< 0.52	< 0.53	< 0.54	< 0.50	< 0.59	< 0.55	< 0.62	< 0.57
Chromium[A]	EPA 6010C/7471B	2,000	2,000	120,000	NE	**27**	**23**	**20**	--	**31**	**17**	--	**30**	**16**	**30**	**61**	**39**	**48**	**19**	**22**	**7.4**
Lead	EPA 6010C/7471B	250	1,000	NE	NE	**67**	**12**	< 5.6	--	< 6.3	< 6.1	--	< 5.3	< 5.2	**120**	**11**	**9.1**	**8.1**	**40**	< 6.2	< 5.7
Lead - TCLP[B]	EPA 1311/6010C	NE	NE	NE	NE	--	--	--	--	--	--	--	--	--	< 0.20	< 0.20	--	--	--	--	--
Mercury	EPA 6010C/7471B	2	2	NE	NE	< 0.29	< 0.26	< 0.28	--	< 0.31	< 0.31	--	< 0.26	< 0.26	< 0.26	< 0.27	< 0.25	< 0.29	< 0.28	< 0.31	< 0.28
Selenium	EPA 6010C/7471B	NE	NE	400	NE	< 11	< 11	< 11	--	< 13	< 12	--	< 11	< 10	< 11	< 11	< 10	< 12	< 11	< 12	< 11
Silver	EPA 6010C/7471B	NE	NE	400	NE	< 1.1	< 1.1	< 1.1	--	< 1.3	< 1.2	--	< 1.1	< 1.0	< 1.1	< 1.1	< 1.0	< 1.2	< 1.1	<1.2	< 1.1
Detected VOCs																					
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0084	**0.015**	< 0.013	--	< 0.012	< 0.0085	--	< 0.0074	< 0.0072	**0.0490**	**0.0078**	**0.0058**	< 0.0040	--	--	--
All other VOCs	EPA 8260C	NA	NA	NA	NA	< RL	< RL	< RL	--	< RL	< RL	--	< RL	< RL	< RL	< RL	< RL	< RL	--	--	--
Detected SVOCs and/or PAHs																					
Naphthalene	EPA 8270D SIM	5	5	1,600	NE	**0.21**	< 0.0070	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.032**	< 0.0072	< 0.0067	< 0.0078	**0.012**	< 0.0083	< 0.0076
2-Methylnaphthalene	EPA 8270D SIM	5	5	320	NE	**0.20**	**0.0094**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.023**	< 0.0072	**0.0093**	**0.011**	**0.010**	< 0.0083	< 0.0076
1-Methylnaphthalene	EPA 8270D SIM	5	5	5,600	34.48	**0.15**	**0.013**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.012**	< 0.0072	**0.010**	**0.0091**	< 0.0073	< 0.0083	< 0.0076
Acenaphthylene	EPA 8270D SIM	NE	NE	NE	NE	**0.20**	**0.029**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.083**	< 0.0072	< 0.0067	< 0.0078	**0.034**	< 0.0083	< 0.0076
Acenaphthene	EPA 8270D SIM	NE	NE	4,800	NE	**0.87**	**0.11**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.011**	< 0.0072	< 0.0067	< 0.0078	< 0.0073	< 0.0083	< 0.0076
Dibenzofuran	EPA 8270D	NE	NE	80	NE	**0.37**	**0.072**	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	< 0.035	< 0.036	< 0.033	< 0.039	--	--	--
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	**0.51**	**0.11**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.015**	< 0.0072	< 0.0067	< 0.0078	**0.0085**	< 0.0083	< 0.0076
Phenanthrene	EPA 8270D SIM	NE	NE	NE	NE	**1.8**	**0.51**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.15**	**0.010**	**0.0083**	**0.026**	**0.053**	< 0.0083	< 0.0076
Anthracene	EPA 8270D SIM	NE	NE	24,000	NE	**0.64**	**0.12**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.48**	**0.013**	**0.021**	**0.0085**	**0.090**	< 0.0083	< 0.0076
Carbazole	EPA 8270D	NE	NE	NE	NE	< 0.19	< 0.035	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	**0.084**	< 0.036	< 0.033	< 0.039	--	--	--
Di-n-butylphthalate	EPA 8270D	NE	NE	NE	NE	< 0.19	< 0.035	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	**0.17**	< 0.036	< 0.033	< 0.039	--	--	--
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	**3.9**	**0.33**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.30**	**0.011**	**0.011**	**0.026**	**0.070**	< 0.0083	< 0.0076
Pyrene	EPA 8270D SIM	NE	NE	2,400	NE	**3.2**	**0.23**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.23**	**0.010**	**0.021**	**0.027**	**0.065**	< 0.0083	< 0.0076
Benzo(a)anthracene	EPA 8270D SIM	NE	NE	NE	1.37	**0.80**	**0.073**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.12**	< 0.0072	**0.0069**	**0.017**	**0.049**	< 0.0083	< 0.0076
Chrysene	EPA 8270D SIM	NE	NE	NE	136.99	**0.99**	**0.093**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.27**	**0.0076**	**0.0096**	**0.015**	**0.057**	< 0.0083	< 0.0076
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	**0.70**	**0.11**	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	**0.045**	< 0.036	< 0.033	< 0.039	--	--	--
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	**0.83**	**0.096**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.43**	**0.012**	**0.017**	**0.017**	**0.11**	< 0.0083	< 0.0076
Benzo(j,k)fluoranthene	EPA 8270D SIM	NE	NE	NE	13.7	**0.20**	**0.043**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.086**	< 0.0072	< 0.0067	< 0.0078	**0.025**	< 0.0083	< 0.0076
Benzo(a)pyrene	EPA 8270D SIM	0.1	2	NE	0.14	**0.34**	**0.046**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.099**	< 0.0072	< 0.0067	**0.012**	**0.051**	< 0.0083	< 0.0076
Indeno(1,2,3-cd)pyrene	EPA 8270D SIM	NE	NE	NE	1.37	**0.21**	**0.043**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.030**	**0.0074**	**0.013**	**0.0092**	**0.048**	< 0.0083	< 0.0076
Dibenz(a,h)anthracene	EPA 8270D SIM	NE	NE	NE	0.14	**0.069**	**0.015**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.052**	< 0.0072	< 0.0067	< 0.0078	**0.013**	< 0.0083	< 0.0076
Benzo(g,h,i)perylene	EPA 8270D SIM	NE	NE	NE	NE	**0.22**	**0.053**	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	**0.34**	< 0.0072	**0.013**	**0.0086**	**0.066**	< 0.0083	< 0.0076
All other SVOCs/PAHs	EPA 8270D SIM	NA	NA	NA	NA	< RL	< RL	< RL	--	< RL	< RL	--	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs	EPA 8270D SIM	0.1	2	NA	NA	**0.58**	**0.078**	< RL	--	< RL	< RL	--	< RL	< RL	**0.19**	**0.0078**	**0.0088**	**0.018**	**0.080**	< RL	< RL
PCBs																					
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< RL	< RL	--	--	--	--	--	--	--	< 0.053	< 0.054	< 0.050	< 0.059	< RL	--	--

Notes:
[A] Screening criteria are for chromium (III)
[B] Dangerous Waste criteria for chromium is 1 milligrams per liter
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
DUP = duplicate sample
EPA = U.S. Environmental Protection Agency
MTCA = Model Toxics Control Act Cleanup Regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by EPA method 1311/6010C
TEF = toxicity equivalence factor
VOCs = volatile organic compounds

TABLE 7
SUMMARY OF SOIL ANALYTICAL RESULTS
CITY OF TACOMA ROW

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (2013), miligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), miligrams per kilogram		GP-21 8/17/2015			
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	5 feet	10 feet	15 feet
Petroleum Hydrocarbons									
Gasoline-Range	NWTPH-Gx	100/30	100/30	NE	NE	< 3.8	--	--	< 5.3
Diesel-Range	NWTPH-Dx	2,000	2,000	NE	NE	< 27	--	--	< 30
Oil-Range		2,000	2,000	NE	NE	**88**	--	--	< 59
Metals									
Arsenic	EPA 6010C/7471B	20	20	24	0.67	< 11	--	--	< 12
Barium		NE	NE	16,000	NE	**65**	--	--	**69**
Cadmium		2	2	80	NE	< 0.55	--	--	< 0.59
Chromium[A]		2,000	2,000	120,000	NE	**38**	--	--	**40**
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	**31**	--	--	< 5.9
Mercury	EPA 6010C/7471B	2	2	NE	NE	**0.35**	--	--	< 0.30
Selenium		NE	NE	400	NE	< 11	--	--	< 12
Silver		NE	NE	400	NE	< 1.1	--	--	< 1.2
Detected VOCs									
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0035	--	--	< 0.0055
Carbon Disulfide		NE	NE	8,000	NE	< 0.00071	--	--	< 0.0011
2-Butanone		NE	NE	48,000	NE	< 0.0035	--	--	< 0.0055
All other VOCs		NA	NA	NA	NA	< RL	--	--	< RL
Detected SVOCs and/or PAHs									
Naphthalene	EPA 8270D SIM	5	5	1,600	NE	< 0.0073	--	--	< 0.0079
2-Methylnaphthalene				320	NE	< 0.0073	--	--	< 0.0079
1-Methylnaphthalene				5,600	34.48	< 0.0073	--	--	< 0.0079
Acenaphthylene		NE	NE	NE	NE	< 0.0073	--	--	< 0.0079
Acenaphthene		NE	NE	4,800	NE	< 0.0073	--	--	< 0.0079
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.036	--	--	< 0.039
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	< 0.0073	--	--	< 0.0079
Phenanthrene		NE	NE	NE	NE	**0.038**	--	--	< 0.0079
Anthracene		NE	NE	24,000	NE	**0.014**	--	--	< 0.0079
Fluoranthene		NE	NE	3,200	NE	**0.042**	--	--	< 0.0079
Pyrene		NE	NE	2,400	NE	**0.050**	--	--	< 0.0079
Benzo(a)anthracene		NE	NE	NE	1.37	**0.022**	--	--	< 0.0079
Chrysene		NE	NE	NE	136.99	**0.024**	--	--	< 0.0079
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	**0.93**	--	--	< 0.039
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	**0.026**	--	--	< 0.0079
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	**0.0090**	--	--	< 0.0079
Benzo(a)pyrene		0.1	2	NE	0.14	**0.019**	--	--	< 0.0079
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	**0.016**	--	--	< 0.0079
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.0073	--	--	< 0.0079
Benzo(g,h,i)perylene		NE	NE	NE	NE	**0.016**	--	--	< 0.0079
All other SVOCs/PAHs		NA	NA	NA	NA	< RL	--	--	< RL
TEF-adjusted cPAHs		0.1	2	NA	NA	**0.028**	--	--	< RL
PCBs									
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.027	--	--	--

Notes:
[A] Screening criteria are for chromium (III)
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
EPA = U.S. Environmental Protection Agency
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TEF = toxicity equivalence factor
VOCs = volatile organic compounds

TABLE 8
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220050 (BISH PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (2013), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels, milligrams per kilogram		GP-22 8/19/2015				GP-23 8/19/2015		
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	10 feet	20 feet	30 feet	0.5 foot	5 feet	10 feet
Petroleum Hydrocarbons												
Gasoline-Range	NWTPH-Gx	100/30	100/30	NE	NE	< 4.7	--	--	< 4.2	< 6.7	--	< 3.9
Diesel-Range	NWTPH-Dx	2,000	2,000	NE	NE	< 26	--	--	< 29	< 27	--	< 26
Oil-Range		2,000	2,000	NE	NE	**76**	--	--	< 58	**120**	--	< 53
Metals												
Arsenic	EPA 6010C/7471B	20	20	24	0.67	< 11	--	--	< 12	**14**	--	< 11
Barium		NE	NE	16,000	NE	**61**	--	--	**35**	**100**	--	**34**
Cadmium		2	2	80	NE	< 0.53	--	--	< 0.58	< 0.55	--	< 0.53
Chromium[A]		2,000	2,000	120,000	NE	**33**	--	--	**17**	**55**	--	**37**
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	**19**	--	--	< 5.8	**180**	--	< 5.3
Lead - TCLP[B]	EPA 1311/ 6010C	NE	NE	NE	NE	--	--	--	--	< 0.20	--	--
Mercury	EPA 6010C/7471B	2	2	NE	NE	< 0.26	--	--	< 0.29	< 0.27	--	< 0.26
Selenium		NE	NE	400	NE	< 11	--	--	< 12	< 11	--	< 11
Silver		NE	NE	400	NE	< 1.1	--	--	< 1.2	< 1.1	--	< 1.1
Detected VOCs												
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0037	--	--	< 0.0062	**0.016**	--	< 0.0046
All other VOCs		NA	NA	NA	NA	< RL	--	--	< RL	< RL	--	< RL
Detected SVOCs and/or PAHs												
Phenanthrene	EPA 8270D SIM	NE	NE	NE	NE	**0.011**	--	--	< 0.0077	**0.027**	--	< 0.0070
Anthracene		NE	NE	24,000	NE	**0.0073**	--	--	< 0.0077	**0.0083**	--	< 0.0070
Di-n-butylphthalate	EPA 8270D	NE	NE	NE	NE	**0.040**	--	--	< 0.039	**0.099**	--	< 0.035
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	**0.020**	--	--	< 0.0077	**0.051**	--	< 0.0070
Pyrene		NE	NE	2,400	NE	**0.023**	--	--	< 0.0077	**0.044**	--	< 0.0070
Butylbenzylphthalate	EPA 8270D	NE	NE	NE	NE	< 0.035	--	--	< 0.039	**0.070**	--	< 0.035
Benzo(a)anthracene	EPA 8270D SIM	NE	NE	NE	1.37	**0.013**	--	--	< 0.0077	**0.021**	--	< 0.0070
Chrysene		NE	NE	NE	136.99	**0.018**	--	--	< 0.0077	**0.030**	--	< 0.0070
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	**0.063**	--	--	< 0.039	**0.160**	--	< 0.035
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	**0.022**	--	--	< 0.0077	**0.038**	--	< 0.0070
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	< 0.0070	--	--	< 0.0077	**0.0097**	--	< 0.0070
Benzo(a)pyrene		0.1	2	NE	0.14	**0.012**	--	--	< 0.0077	**0.020**	--	< 0.0070
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	**0.012**	--	--	< 0.0077	**0.022**	--	< 0.0070
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.0070	--	--	< 0.0077	< 0.0073	--	< 0.0070
Benzo(g,h,i)perylene		NE	NE	NE	NE	**0.012**	--	--	< 0.0077	**0.024**	--	< 0.0070
All other SVOCs/PAHs		NA	NA	NA	NA	< RL	--	--	< RL	< RL	--	< RL
TEF-adjusted cPAHs		0.1	2	NA	NA	**0.019**	--	--	< RL	**0.031**	--	< RL
PCBs												
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.026	--	--	--	< 0.027	--	--

Notes:
[A] Screening criteria are for chromium (III)
[B] Dangerous Waste criteria for chromium is 1 milligrams per liter
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
EPA = U.S. Environmental Protection Agency
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by EPA method 1311/ 6010C
TEF = toxicity equivalence factor
VOCs = volatile organic compounds

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
FHS AND SOUND TRANSIT PARCELS

Parameter	Method	Model Toxics Control Act Method A Cleanup Levels (1996), micrograms per liter	FHS Parking Lot	FHS Parking Lot	FHS West	FHS West	FHS West	FHS Center	FHS Center	FHS East	FHS East	Model Toxics Control Act Method A Cleanup Levels (2013), micrograms per liter	Sound Transit
			GP-10 8/10/2015	GP-11 8/10/2015	GP-12 8/10/2015	GP-1 5/7/2015 & 5/12/2015	FHS-1 5/8/2015	GP-2015 8/21/2015	GP-16 8/21/2015	GP-17 8/21/2015	GP-20 8/21/2015		FHS-5 5/8/2015
Petroleum Hydrocarbons													
Gasoline-Range	NWTPH-Gx	1,000	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	1,000/800	< 100
Diesel-Range	NWTPH-Dx		< 270	< 290	< 270	**360 J**	**670**	< 270	< 270	< 270	**333**	500	< 260
Oil-Range			< 440	< 470	< 440	< 460 J	< 420	< 430	< 430	< 430	**333**	500	< 420
Metals - Total													
Antimony	EPA 200.8/ 7470A	NE	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	NE	< 5.6
Arsenic		5	**1300**	**140**	**81**	**6.4 J**	**13**	**23**	**44**	**8.8**	**540**	5	< 3.3
Beryllium		NE	**49**	< 11	< 11	< 11	< 11	< 11	< 11	< 11	**34**	NE	< 11
Cadmium		5	**7.9**	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	**30**	5	< 4.4
Chromium		50	**3900**	**760**	**460**	**29 J**	< 11	**130**	**280**	**53**	**3100**	50	< 11
Copper		NE	**7300**	**800**	**1100**	**49 J**	< 11	**100**	**200**	**42**	**5400**	NE	< 11
Lead		5	**780**	**170**	**130**	**68 J**	< 1.1	**19**	**34**	**6.8**	**5300**	15	< 1.1
Mercury		2	**6.6**	**1.1**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**8.3**	2	< 0.50
Nickel		NE	**3600**	**690**	**210**	< 22	< 22	**170**	**350**	**63**	**2900**	NE	< 22
Selenium		NE	**26**	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	**41**	NE	< 5.6
Silver		NE	**14**	< 11	< 11	< 11	< 11	< 11	< 11	< 11	< 11	NE	< 11
Thallium		NE	**9.8**	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	< 5.6	**7.6**	NE	< 5.6
Zinc		NE	**5500**	**1100**	**1100**	**190 J**	< 28	**210**	**430**	**79**	**10000**	NE	< 28
Metals - Dissolved													
Antimony	EPA 200.8/ 7470A	NE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NE	< 5.0
Arsenic		5	< 3.0	< 3.0	< 3.0	< 3.0	**13**	< 3.0	< 3.0	< 3.0	**7.5**	5	< 3.0
Beryllium		NE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NE	< 10
Cadmium		5	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	5	< 4.0
Chromium		NE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NE	< 10
Copper		NE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NE	< 10
Lead		5	< 1.0	< 1.0	< 1.0	**4.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	15	< 1.0
Mercury		2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	2	< 0.50
Nickel		NE	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NE	< 20
Selenium		NE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NE	< 5.0
Silver		NE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NE	< 10
Thallium		NE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NE	< 5.0
Zinc		NE	< 25	< 25	< 25	**51**	< 25	< 25	< 25	< 25	< 25	NE	< 25
Detected VOCs													
Acetone	EPA 8260C	NE	**40**	**31**	< 5.0	**10 J**	**8.5**	< 5.0	< 5.0	< 5.0	**6.9**	NE	< 5.0
Carbon Disulfide		NE	**0.40**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.29**	NE	< 0.20
Chloroform		NE	< 0.20	< 0.20	**0.99**	**2.7**	< 0.20	< 0.20	< 0.20	**1.0**	< 0.20	NE	< 0.20
Bromodichloromethane		NE	< 0.20	< 0.20	< 0.20	**0.59**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	NE	< 0.20
Toluene		40	< 1.0	< 1.0	< 1.0	< 0.20	< 0.20	< 1.0	**1.1**	< 1.0	**1.6**	1000	< 0.20
o-Xylene		20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.29**	< 0.20	700	< 0.20
Isopropylbenzene		NE	< 0.20	< 0.20	< 0.20	< 0.20	**0.48**	< 0.20	< 0.20	< 0.20	< 0.20	NE	< 0.20
n-Propylbenzene		NE	< 0.20	< 0.20	< 0.20	< 0.20	**0.35**	< 0.20	< 0.20	< 0.20	< 0.20	NE	< 0.20
sec-Butylbenzene		NE	< 0.20	< 0.20	< 0.20	< 0.20	**0.85**	< 0.20	< 0.20	< 0.20	< 0.20	NE	< 0.20
1,3-Dichlorobenzene		NE	< 0.20	< 0.20	< 0.20	< 0.20	**0.33**	< 0.20	< 0.20	< 0.20	< 0.20	NE	< 0.20
n-Butylbenzene		NE	< 0.20	< 0.20	< 0.20	< 0.20	**0.43**	< 0.20	< 0.20	< 0.20	< 0.20	NE	< 0.20
All other VOCs		NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	NA	< RL
Detected SVOCs and/or PAHs													
Phenol	EPA 8270D	NE	--	--	--	**1.1 J**	< 0.95	--	--	--	--	NE	< 0.95
Benzyl Alcohol		NE	--	--	--	**3.4 J**	< 0.95	--	--	--	--	NE	< 0.95
(3+4)-Methylphenol (o-Cresol)		NE	--	--	--	**20**	< 0.95	--	--	--	--	NE	< 0.95
Naphthalene	EPA 8270D SIM	NE	--	--	--	< 0.095	**0.60**	--	--	--	--	160	< 0.095
2-Methylnaphthalene			--	--	--	< 0.095	**0.57**	--	--	--	--		< 0.095
1-Methylnaphthalene			--	--	--	< 0.095	**16**	--	--	--	--		< 0.095
Acenaphthylene		NE	--	--	--	< 0.095	**0.27**	--	--	--	--	NE	< 0.095
Acenaphthene		NE	--	--	--	< 0.095 J	**0.96**	--	--	--	--	NE	< 0.095
Fluorene		NE	--	--	--	< 0.095	**3.0**	--	--	--	--	NE	< 0.095
Phenanthrene		NE	--	--	--	< 0.095	**0.74**	--	--	--	--	NE	< 0.095
Anthracene		NE	--	--	--	< 0.095	**0.14**	--	--	--	--	NE	< 0.095
Benzo(a)anthracene		NE	--	--	--	**0.023 J**	< 0.0095	--	--	--	--	NE	< 0.0095
Chrysene		NE	--	--	--	**0.010 J**	< 0.0095	--	--	--	--	NE	< 0.0095
Benzo(b)fluoranthene		NE	--	--	--	**0.017 J**	< 0.0095	--	--	--	--	NE	< 0.0095
Benzo(a)pyrene		0.1	--	--	--	**0.016 J**	< 0.0095	--	--	--	--	0.1	< 0.0095
Indeno(1,2,3-cd)pyrene		NE	--	--	--	**0.011 J**	< 0.0095	--	--	--	--	NE	< 0.0095
Dibenz(a,h)anthracene		NE	--	--	--	**0.028 J**	< 0.0095	--	--	--	--	NE	< 0.0095
Benzo(g,h,i)perylene		NE	--	--	--	**0.015 J**	< 0.0095	--	--	--	--	NE	< 0.0095
All other SVOCs and PAHs		NA	--	--	--	< RL	< RL	--	--	--	--	NA	< RL

Notes:
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
EPA = U.S. Environmental Protection Agency
FHS = Freighthouse Square
J = value is flagged as estimated based on laboratory quality control review.
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
RL = parameters not detected above their respective method detection limits
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
BISH PARCEL

Parameter	Method	Model Toxics Control Act Method Method A Cleanup Levels (2013), micrograms per liter	GP-22 8/19/2015
Petroleum Hydrocarbons			
Gasoline-Range	NWTPH-Gx	1,000/800	< 100
Diesel-Range	NWTPH-Dx	500	< 270
Oil-Range		500	< 430
Metals - Total			
Antimony	EPA 200.8/ 7470A	NE	< 5.6
Arsenic		5	**7.8**
Beryllium		NE	< 11
Cadmium		5	< 4.4
Chromium		50	**27**
Copper		NE	**57**
Lead		15	**12**
Mercury		2	< 0.50
Nickel		NE	< 22
Selenium		NE	< 5.6
Silver		NE	< 11
Thallium		NE	< 5.6
Zinc		NE	**54**
Metals - Dissolved			
Antimony	EPA 200.8/ 7470A	NE	< 5.0
Arsenic		5	< 3.0
Beryllium		NE	< 10
Cadmium		5	< 4.0
Chromium		50	< 10
Copper		NE	< 10
Lead		15	< 1.0
Mercury		2	< 0.50
Nickel		NE	< 20
Selenium		NE	< 5.0
Silver		NE	< 10
Thallium		NE	< 5.0
Zinc		NE	< 25

Notes:

< = parameter not detected above the method detection limit shown

Bold indicates parameter detected above method detection limits.

Shaded cell indicates parameter detected above one or more screening criterion.

EPA = U.S. Environmental Protection Agency

NE = no criterion established

NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroluem Hydrocarbon-Diesel

NWTPH-Gx = analysis for gasoline range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-gasoline

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-4:1.2
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.57**	0.0360	0.1	0.057
Chrysene	**0.59**	0.0360	0.01	0.0059
Benzo(b)fluoranthene	**0.71**	0.0360	0.1	0.071
Benzo(k)fluoranthene	**0.20**	0.0360	0.1	0.02
Benzo(a)pyrene	**0.55**	0.0360	1	0.55
Indeno(1,2,3-c,d)pyrene	**0.25**	0.0360	0.1	0.025
Dibenzo(a,h)anthracene	**0.097**	0.0360	0.4	0.0388
Sum[2]				**0.77**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-4:5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.20**	0.0360	0.1	0.02
Chrysene	**0.20**	0.0360	0.01	0.002
Benzo(b)fluoranthene	**0.21**	0.0360	0.1	0.021
Benzo(k)fluoranthene	**0.06**	0.0360	0.1	0.0059
Benzo(a)pyrene	**0.16**	0.0360	1	0.16
Indeno(1,2,3-c,d)pyrene	**0.086**	0.0360	0.1	0.0086
Dibenzo(a,h)anthracene	ND	0.0360	0.4	0.0072
Sum[2]				**0.22**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-4:10
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.059**	0.0072	0.1	0.0059
Chrysene	**0.069**	0.0072	0.01	0.00069
Benzo(b)fluoranthene	**0.090**	0.0072	0.1	0.009
Benzo(k)fluoranthene	**0.038**	0.0072	0.1	0.0038
Benzo(a)pyrene	**0.066**	0.0072	1	0.066
Indeno(1,2,3-c,d)pyrene	**0.039**	0.0072	0.1	0.0039
Dibenzo(a,h)anthracene	**0.0096**	0.0072	0.4	0.00384
Sum[2]				**0.093**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-7:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.80**	0.19	0.1	0.08
Chrysene	**0.99**	0.19	0.01	0.0099
Benzo(b)fluoranthene	**0.83**	0.19	0.1	0.083
Benzo(k)fluoranthene	**0.20**	0.19	0.1	0.02
Benzo(a)pyrene	**0.34**	0.19	1	0.34
Indeno(1,2,3-c,d)pyrene	**0.21**	0.0076	0.1	0.021
Dibenzo(a,h)anthracene	**0.069**	0.0076	0.4	0.0276
Sum[2]				**0.58**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-7:5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.073**	0.035	0.1	0.0073
Chrysene	**0.093**	0.035	0.01	0.00093
Benzo(b)fluoranthene	**0.096**	0.035	0.1	0.0096
Benzo(k)fluoranthene	**0.043**	0.0070	0.1	0.0043
Benzo(a)pyrene	**0.046**	0.035	1	0.046
Indeno(1,2,3-c,d)pyrene	**0.043**	0.035	0.1	0.0043
Dibenzo(a,h)anthracene	**0.015**	0.0070	0.4	0.006
Sum[2]				**0.078**

ADJUSTED TEF CONCENTRATION FOR SAMPLE FHS-1:17.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.026**	0.0076	0.1	0.0026
Chrysene	**0.035**	0.0076	0.01	0.00035
Benzo(b)fluoranthene	**0.028**	0.0076	0.1	0.0028
Benzo(k)fluoranthene	**0.019**	0.0076	0.1	0.0019
Benzo(a)pyrene	**0.026**	0.0076	1	0.026
Indeno(1,2,3-c,d)pyrene	**0.015**	0.0076	0.1	0.0015
Dibenzo(a,h)anthracene	ND	0.0076	0.4	0.00152
Sum[2]				**0.037**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE FHS-2:20
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	ND	0.0081	0.1	0.000405
Chrysene	**0.012**	0.0081	0.01	0.00012
Benzo(b)fluoranthene	**0.0092**	0.0081	0.1	0.00092
Benzo(k)fluoranthene	ND	0.0081	0.1	0.000405
Benzo(a)pyrene	ND	0.0081	1	0.00405
Indeno(1,2,3-c,d)pyrene	ND	0.0081	0.1	0.000405
Dibenzo(a,h)anthracene	ND	0.0081	0.4	0.00162
Sum[2]				**0.0079**

ADJUSTED TEF CONCENTRATION FOR SAMPLE FHS-3:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.049**	0.0073	0.1	0.0049
Chrysene	**0.057**	0.0073	0.01	0.00057
Benzo(b)fluoranthene	**0.11**	0.0073	0.1	0.011
Benzo(k)fluoranthene	**0.025**	0.0073	0.1	0.0025
Benzo(a)pyrene	**0.051**	0.0073	1	0.051
Indeno(1,2,3-c,d)pyrene	**0.048**	0.0073	0.1	0.0048
Dibenzo(a,h)anthracene	**0.013**	0.0073	0.4	0.0052
Sum[2]				**0.080**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-10:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**11**	0.43	0.1	1.1
Chrysene	**11**	0.43	0.01	0.11
Benzo(b)fluoranthene	**12**	0.43	0.1	1.2
Benzo(k)fluoranthene	**4.3**	0.43	0.1	0.43
Benzo(a)pyrene	**11**	0.43	1	11
Indeno(1,2,3-c,d)pyrene	**6.0**	0.43	0.1	0.6
Dibenzo(a,h)anthracene	**1.7**	0.43	0.4	0.68
Sum[2]				**15**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-11:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.020**	0.0074	0.1	0.002
Chrysene	**0.020**	0.0074	0.01	0.0002
Benzo(b)fluoranthene	**0.02**	0.0074	0.1	0.0019
Benzo(k)fluoranthene	**ND**	0.0074	0.1	0.00037
Benzo(a)pyrene	**0.021**	0.0074	1	0.021
Indeno(1,2,3-c,d)pyrene	**0.011**	0.0074	0.1	0.0011
Dibenzo(a,h)anthracene	**ND**	0.0074	0.4	0.00148
Sum[2]				**0.028**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-12:1.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.024**	0.014	0.1	0.0024
Chrysene	**0.027**	0.014	0.01	0.00027
Benzo(b)fluoranthene	**0.02**	0.014	0.1	0.0023
Benzo(k)fluoranthene	**ND**	0.014	0.1	0.0007
Benzo(a)pyrene	**0.021**	0.014	1	0.021
Indeno(1,2,3-c,d)pyrene	**0.022**	0.014	0.1	0.0022
Dibenzo(a,h)anthracene	**ND**	0.014	0.4	0.0028
Sum[2]				**0.032**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-13:1
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.054**	0.036	0.1	0.0054
Chrysene	**0.052**	0.036	0.01	0.00052
Benzo(b)fluoranthene	**0.07**	0.036	0.1	0.0066
Benzo(k)fluoranthene	**ND**	0.036	0.1	0.0018
Benzo(a)pyrene	**0.051**	0.036	1	0.051
Indeno(1,2,3-c,d)pyrene	**ND**	0.036	0.1	0.0018
Dibenzo(a,h)anthracene	**ND**	0.036	0.4	0.0072
Sum[2]				**0.074**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-14:1
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**ND**	0.036	0.1	0.0018
Chrysene	**0.046**	0.036	0.01	0.00046
Benzo(b)fluoranthene	**ND**	0.036	0.1	0.0018
Benzo(k)fluoranthene	**ND**	0.036	0.1	0.0018
Benzo(a)pyrene	**ND**	0.036	1	0.018
Indeno(1,2,3-c,d)pyrene	**ND**	0.036	0.1	0.0018
Dibenzo(a,h)anthracene	**ND**	0.036	0.4	0.0072
Sum[2]				**0.033**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-14:6
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**2.1**	0.19	0.1	0.21
Chrysene	**3.0**	0.19	0.01	0.03
Benzo(b)fluoranthene	**2.0**	0.19	0.1	0.2
Benzo(k)fluoranthene	**0.74**	0.19	0.1	0.074
Benzo(a)pyrene	**0.87**	0.19	1	0.87
Indeno(1,2,3-c,d)pyrene	**0.36**	0.19	0.1	0.036
Dibenzo(a,h)anthracene	**0.11**	0.19	0.4	0.044
Sum[2]				**1.5**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-15:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**ND**	0.0070	0.1	0.00035
Chrysene	**0.014**	0.0070	0.01	0.00014
Benzo(b)fluoranthene	**ND**	0.0070	0.1	0.00035
Benzo(k)fluoranthene	**ND**	0.0070	0.1	0.00035
Benzo(a)pyrene	**ND**	0.0070	1	0.0035
Indeno(1,2,3-c,d)pyrene	**ND**	0.0070	0.1	0.00035
Dibenzo(a,h)anthracene	**ND**	0.0070	0.4	0.0014
Sum[2]				**0.0064**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-18:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.12**	0.035	0.1	0.012
Chrysene	**0.27**	0.035	0.01	0.0027
Benzo(b)fluoranthene	**0.43**	0.035	0.1	0.043
Benzo(k)fluoranthene	**0.086**	0.035	0.1	0.0086
Benzo(a)pyrene	**0.099**	0.035	1	0.099
Indeno(1,2,3-c,d)pyrene	**0.030**	0.035	0.1	0.003
Dibenzo(a,h)anthracene	**0.052**	0.035	0.4	0.0208
Sum[2]				**0.19**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-18:5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**ND**	0.0072	0.1	0.00036
Chrysene	**0.008**	0.0072	0.01	0.000076
Benzo(b)fluoranthene	**0.01**	0.0072	0.1	0.0012
Benzo(k)fluoranthene	**ND**	0.0072	0.1	0.00036
Benzo(a)pyrene	**ND**	0.0072	1	0.0036
Indeno(1,2,3-c,d)pyrene	**0.007**	0.0072	0.1	0.00074
Dibenzo(a,h)anthracene	**ND**	0.0072	0.4	0.00144
Sum[2]				**0.0078**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-18:DUP
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.007**	0.0067	0.1	0.00069
Chrysene	**0.010**	0.0067	0.01	0.000096
Benzo(b)fluoranthene	**0.02**	0.0067	0.1	0.0017
Benzo(k)fluoranthene	**ND**	0.0067	0.1	0.000335
Benzo(a)pyrene	**ND**	0.0067	1	0.00335
Indeno(1,2,3-c,d)pyrene	**0.013**	0.0067	0.1	0.0013
Dibenzo(a,h)anthracene	**ND**	0.0067	0.4	0.00134
Sum[2]				**0.0088**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-18:10
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.017**	0.0078	0.1	0.0017
Chrysene	**0.015**	0.0078	0.01	0.00015
Benzo(b)fluoranthene	**0.02**	0.0078	0.1	0.0017
Benzo(k)fluoranthene	**ND**	0.0078	0.1	0.00039
Benzo(a)pyrene	**0.012**	0.0078	1	0.012
Indeno(1,2,3-c,d)pyrene	**0.009**	0.0078	0.1	0.00092
Dibenzo(a,h)anthracene	**ND**	0.0078	0.4	0.00156
Sum[2]				**0.018**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-19:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**ND**	0.068	0.1	0.0034
Chrysene	**0.190**	0.068	0.01	0.0019
Benzo(b)fluoranthene	**ND**	0.068	0.1	0.0034
Benzo(k)fluoranthene	**ND**	0.068	0.1	0.0034
Benzo(a)pyrene	**ND**	0.068	1	0.034
Indeno(1,2,3-c,d)pyrene	**ND**	0.068	0.1	0.0034
Dibenzo(a,h)anthracene	**ND**	0.068	0.4	0.0136
Sum[2]				**0.063**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-19:8
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**ND**	0.0084	0.1	0.00042
Chrysene	**0.011**	0.0084	0.01	0.00011
Benzo(b)fluoranthene	**ND**	0.0084	0.1	0.00042
Benzo(k)fluoranthene	**ND**	0.0084	0.1	0.00042
Benzo(a)pyrene	**ND**	0.0084	1	0.0042
Indeno(1,2,3-c,d)pyrene	**ND**	0.0084	0.1	0.00042
Dibenzo(a,h)anthracene	**ND**	0.0084	0.4	0.00168
Sum[2]				**0.0077**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-20:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.15**	0.035	0.1	0.015
Chrysene	**0.16**	0.035	0.01	0.0016
Benzo(b)fluoranthene	**0.18**	0.035	0.1	0.018
Benzo(k)fluoranthene	**0.058**	0.035	0.1	0.0058
Benzo(a)pyrene	**0.16**	0.035	1	0.16
Indeno(1,2,3-c,d)pyrene	**0.10**	0.035	0.1	0.01
Dibenzo(a,h)anthracene	**0.021**	0.035	0.4	0.0084
Sum[2]				**0.219**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-20:8
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.045**	0.0087	0.1	0.0045
Chrysene	**0.047**	0.0087	0.01	0.00047
Benzo(b)fluoranthene	**0.04**	0.0087	0.1	0.0041
Benzo(k)fluoranthene	**0.011**	0.0087	0.1	0.0011
Benzo(a)pyrene	**0.037**	0.0087	1	0.037
Indeno(1,2,3-c,d)pyrene	**0.025**	0.0087	0.1	0.0025
Dibenzo(a,h)anthracene	**ND**	0.0087	0.4	0.00174
Sum[2]				**0.051**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-20:25
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.024**	0.011	0.1	0.0024
Chrysene	**0.025**	0.011	0.01	0.00025
Benzo(b)fluoranthene	**0.02**	0.011	0.1	0.0019
Benzo(k)fluoranthene	**ND**	0.011	0.1	0.00055
Benzo(a)pyrene	**0.013**	0.011	1	0.013
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	0.1	0.00055
Dibenzo(a,h)anthracene	**ND**	0.011	0.4	0.0022
Sum[2]				**0.021**

TABLE 11
SUMMARY OF ADJUSTED TOXICITY EQUIVALENCE FACTOR CONCENTRATIONS
ALL PARCELS

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-21:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.022**	0.0073	0.1	0.0022
Chrysene	**0.024**	0.0073	0.01	0.00024
Benzo(b)fluoranthene	**0.03**	0.0073	0.1	0.0026
Benzo(k)fluoranthene	**0.009**	0.0073	0.1	0.0009
Benzo(a)pyrene	**0.019**	0.0073	1	0.019
Indeno(1,2,3-c,d)pyrene	**0.016**	0.0073	0.1	0.0016
Dibenzo(a,h)anthracene	**ND**	0.0073	0.4	0.00146
Sum[2]				**0.028**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-22:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.013**	0.0070	0.1	0.0013
Chrysene	**0.018**	0.0070	0.01	0.00018
Benzo(b)fluoranthene	**0.02**	0.0070	0.1	0.0022
Benzo(k)fluoranthene	**ND**	0.0070	0.1	0.00035
Benzo(a)pyrene	**0.012**	0.0070	1	0.012
Indeno(1,2,3-c,d)pyrene	**0.012**	0.0070	0.1	0.0012
Dibenzo(a,h)anthracene	**ND**	0.0070	0.4	0.0014
Sum[2]				**0.019**

ADJUSTED TEF CONCENTRATION FOR SAMPLE GP-23:0.5
Soil

Analyte	Sample Result milligrams per kilogram	Method Detection Limit milligrams per kilogram	Toxic Equivalency Factor	Adjusted Concentration[1] milligrams per kilogram
Benzo(a)anthracene	**0.021**	0.0073	0.1	0.0021
Chrysene	**0.030**	0.0073	0.01	0.0003
Benzo(b)fluoranthene	**0.04**	0.0073	0.1	0.0038
Benzo(k)fluoranthene	**0.010**	0.0073	0.1	0.00097
Benzo(a)pyrene	**0.020**	0.0073	1	0.02
Indeno(1,2,3-c,d)pyrene	**0.022**	0.0073	0.1	0.0022
Dibenzo(a,h)anthracene	**ND**	0.0073	0.4	0.00146
Sum[2]				**0.031**

Notes:

[1] Calculated as the detected concentration times the TEF, or as half the method detection limit (if analyte is not detected) times the toxicity equivalence factor.

[2] Sum of the TEF for each cPAH.

Bold values indicated a detection.

cPAHs = carcinogenic polynuclear aromatic hydrocarbons

mg/kg = milligrams per kilogram

MTCA = Washington Model Toxics Control Act

ND = not detected

TEF = toxicity equivalence factor

TABLE 12
REMEDIAL COST ESTIMATE
2075200011 (FHS PARKING LOT)

Task	Rate		Quantity		Subtotal
Mobalization/Demobilization					
Equipment	$ 2,000.00	/parcel	1	parcel	$ 2,000.00
Soil Excavation and Testing					
Excavation/Handling/Disposal	$ 90.00	/ton	370	tons	$ 33,300.00
Construction Observation	$ 150.00	/hour	32	hours	$ 4,800.00
Coordination	$ 150.00	/hour	16	hours	$ 2,400.00
Reporting/Regulatory Coordination	$ 150.00	/hour	130	hours	$ 19,500.00
Analytical Testing (Rapid Turnaround Time)					
VOC	$ 280.00	/each	10	each	$ 2,800.00
RCRA 8 Metals	$ 240.00	/each	9	each	$ 2,160.00
RCRA 8 Metals+Cu Ni Zn	$ 312.00	/each	1	each	$ 312.00
Gasoline-Range	$ 110.00	/each	10	each	$ 1,100.00
Diesel, Oil-Range	$ 120.00	/each	10	each	$ 1,200.00
SVOC	$ 580.00	/each	10	each	$ 5,800.00
PCBs	$ 150.00	/each	10	each	$ 1,500.00
				10% Laboratory Markup	$ 1,487.20
				Subtotal	**$ 76,359.20**
Soil Fill					
Purchase Select Fill	$ 10.00	/yd^3	218	yd^3	$ 2,176.47
Transportation/Install	$ 40.00	/yd^3	218	yd^3	$ 8,705.88
				Subtotal	**$ 10,882.35**
Management of Restrictive Covenant					
Plan Preparation	$ 5,000.00	/parcel	1	parcel	$ 5,000.00
				Subtotal	**$ 5,000.00**
Engineering and Project Management					
Fee of 8% of Total	8%	/fee	1	fee	$ 7,379.32
				Subtotal	**$ 92,241.55**
				TOTAL	**$ 99,620.88**

Notes:
Cu = copper
Ni = nickel
PCBs= polychlorinated biphenyls
RCRA = Resource Conservation and Recovery Act
SVOC = semi-volatile organic compounds
VOC = volatile organic compounds
yd^3= cubic yard
Zn = zinc

TABLE 13
REMEDIAL COST ESTIMATE
2075220011 (FHS WEST PARCEL), 2075240011 (FHS CENTER PARCEL), AND 2075240013 (FHS EAST PARCEL)

Task	Rate		Quantity		Subtotal
Mobalization/Demobilization					
Equipment Mobilization	$ 2,000.00	/parcel	1		$ 2,000.00
Soil Excavation and Testing					
Excavation/Handling/Disposal	$ 90.00	/ton	3700	tons	$ 333,000.00
Construction Observation	$ 150.00	/hour	80	hours	$ 12,000.00
Coordination	$ 150.00	/hour	24	hours	$ 3,600.00
Reporting/Regulatory Coordination	$ 150.00	/hour	160	hours	$ 24,000.00
Analytical Testing (Rapid Turnaround Time)					
VOC	$ 280.00	/each	30	each	$ 8,400.00
RCRA 8 Metals	$ 240.00	/each	30	each	$ 7,200.00
RCRA 8 Metals+Cu Ni Zn	$ 312.00	/each	1	each	$ 312.00
Gasoline-Range	$ 110.00	/each	30	each	$ 3,300.00
Diesel, Oil-Range	$ 120.00	/each	30	each	$ 3,600.00
SVOC	$ 580.00	/each	30	each	$ 17,400.00
PCBs	$ 150.00	/each	30	each	$ 4,500.00
			10% Laboratory Markup		$ 4,471.20
				Subtotal	**$ 421,783.20**
Soil Fill					
Purchase Select Fill	$ 10.00	/yd^3	1500	yd^3	$ 15,000.00
Transportation/Install	$ 40.00	/yd^3	1500	yd^3	$ 60,000.00
				Subtotal	**$ 75,000.00**
Management of Restrictive Covenant					
Plan Preparation	$ 5,000.00	/parcel	1	parcel	$ 5,000.00
				Subtotal	**$ 5,000.00**
Engineering and Project Management					
Fee of 8% of Total	8%	/fee	1	fee	$ 40,142.66
				Subtotal	**$ 501,783.20**
				TOTAL	**$ 541,925.86**

Notes:
Cu = copper
FHS = Freighthouse Square
Ni = nickel
PCBs = polychlorinated biphenyls
RCRA = Resource Conservation and Recovery Act
SVOC = semi-volatile organic compounds
VOC = volatile organic compounds
yd^3= cubic yard
Zn = zinc

TABLE 14
REMEDIAL COST ESTIMATE
2075220016 (SOUND TRANSIT RIGHT-OF-WAY)

Task	Rate		Quantity		Subtotal
Mobalization/Demobilization					
Equipment	$ 2,000.00	/parcel	1	parcel	$ 2,000.00
Soil Excavation and Testing					
Excavation/Handling/Disposal	$ 90.00	/ton	24	tons	$ 2,160.00
Construction Observation	$ 150.00	/hour	24	hours	$ 3,600.00
Coordination	$ 150.00	/hour	8	hours	$ 1,200.00
Reporting/Regulatory Coordination	$ 150.00	/hour	120	hours	$ 18,000.00
Analytical Testing (Rapid Turnaround Time)					
VOC	$ 280.00	/each	10	each	$ 2,800.00
RCRA 8 Metals	$ 240.00	/each	9	each	$ 2,160.00
RCRA 8 Metals+Cu Ni Zn	$ 312.00	/each	1	each	$ 312.00
Gasoline-Range	$ 110.00	/each	10	each	$ 1,100.00
Diesel, Oil-Range	$ 120.00	/each	10	each	$ 1,200.00
SVOC	$ 580.00	/each	10	each	$ 5,800.00
PCBs	$ 150.00	/each	10	each	$ 1,500.00
			10% Laboratory Markup		$ 1,487.20
				Subtotal	**$ 41,319.20**
Track and Time					
Coordination	$ 150.00	/hour	8	hours	$ 1,200.00
Cost of Flagger	$ 1,000.00	/day	1	days	$ 1,000.00
				Subtotal	**$ 2,200.00**
Soil Fill					
Purchase Select Fill	$ 10.00	/yd^3	15	yd^3	$ 150.00
Transportation/Install	$ 40.00	/yd^3	15	yd^3	$ 600.00
				Subtotal	**$ 750.00**
Management of Restrictive Covenant					
Plan Preparation	$ 5,000.00	/parcel	1	parcel	$ 5,000.00
				Subtotal	**$ 5,000.00**
Engineering and Project Management					
Fee of 8% of Total	8%	/fee	1	fee	$ 3,941.54
				Subtotal	**$ 49,269.20**
				TOTAL	**$ 53,210.74**

Notes:
Cu = copper
Ni = nickel
PCBs = polychlorinated biphenyls
RCRA = Resource Conservation and Recovery Act
SVOC = semi-volatile organic compounds
VOC = volatile organic compounds
yd^3= cubic yard
Zn = zinc

TABLE 15
REMEDIAL COST ESTIMATE
2075220011 (FHS WEST PARCEL/ACQUISITION AREA)

Task	Rate		Quantity		Subtotal
Mobalization/Demobilization					
Equipment	$ 2,000.00	/parcel	1	parcel	$ 2,000.00
Soil Excavation and Testing					
Excavation/Handling/Disposal	$ 90.00	/ton	2400	tons	$ 216,000.00
Construction Observation	$ 150.00	/hour	32	hours	$ 4,800.00
Coordination	$ 150.00	/hour	16	hours	$ 2,400.00
Reporting/Regulatory Coordination	$ 150.00	/hour	120	hours	$ 18,000.00
Analytical Testing (Rapid Turnaround Time)					
VOC	$ 280.00	/each	5	each	$ 1,400.00
RCRA 8 Metals	$ 240.00	/each	4	each	$ 960.00
RCRA 8 Metals+Cu Ni Zn	$ 312.00	/each	1	each	$ 312.00
Gasoline-Range	$ 110.00	/each	5	each	$ 550.00
Diesel, Oil-Range	$ 120.00	/each	5	each	$ 600.00
SVOC	$ 580.00	/each	5	each	$ 2,900.00
PCBs	$ 150.00	/each	5	each	$ 750.00
			10% Laboratory Markup		$ 747.20
				Subtotal	**$ 249,419.20**
Track and Time					
Coordination	$ 150.00	/hour	8	hours	$ 1,200.00
Cost of Flagger	$ 1,000.00	/day	1	days	$ 1,000.00
				Subtotal	**$ 2,200.00**
Soil Fill					
Purchase Select Fill	$ 10.00	/yd^3	1500	yd^3	$ 15,000.00
Transportation/Install	$ 40.00	/yd^3	1500	yd^3	$ 60,000.00
				Subtotal	**$ 75,000.00**
Management of Restrictive Covenant					
Plan Preparation	$ 5,000.00	/parcel	1	parcel	$ 5,000.00
				Subtotal	**$ 5,000.00**
Engineering and Project Management					
Fee of 8% of Total	8%	/fee	1	fee	$ 26,529.54
				Subtotal	**$ 331,619.20**
				TOTAL	**$ 358,148.74**

Notes:
Cu = copper
FHS = Freighthouse Square
Ni = nickel
PCBs = polychlorinated biphenyls
RCRA = Resource Conservation and Recovery Act
SVOC = semi-volatile organic compounds
VOC = volatile organic compounds
yd^3 = cubic yard
Zn = zinc

0 1000 2000

Approximate Scale in Feet

NOTE

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Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

VICINITY MAP

September 2015 21-1-22032-008

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FIG. 1

Filename: J:\211\22032-008\21-1-22032-008 Fig 1.dwg Date: 09-15-2015 Login: bac

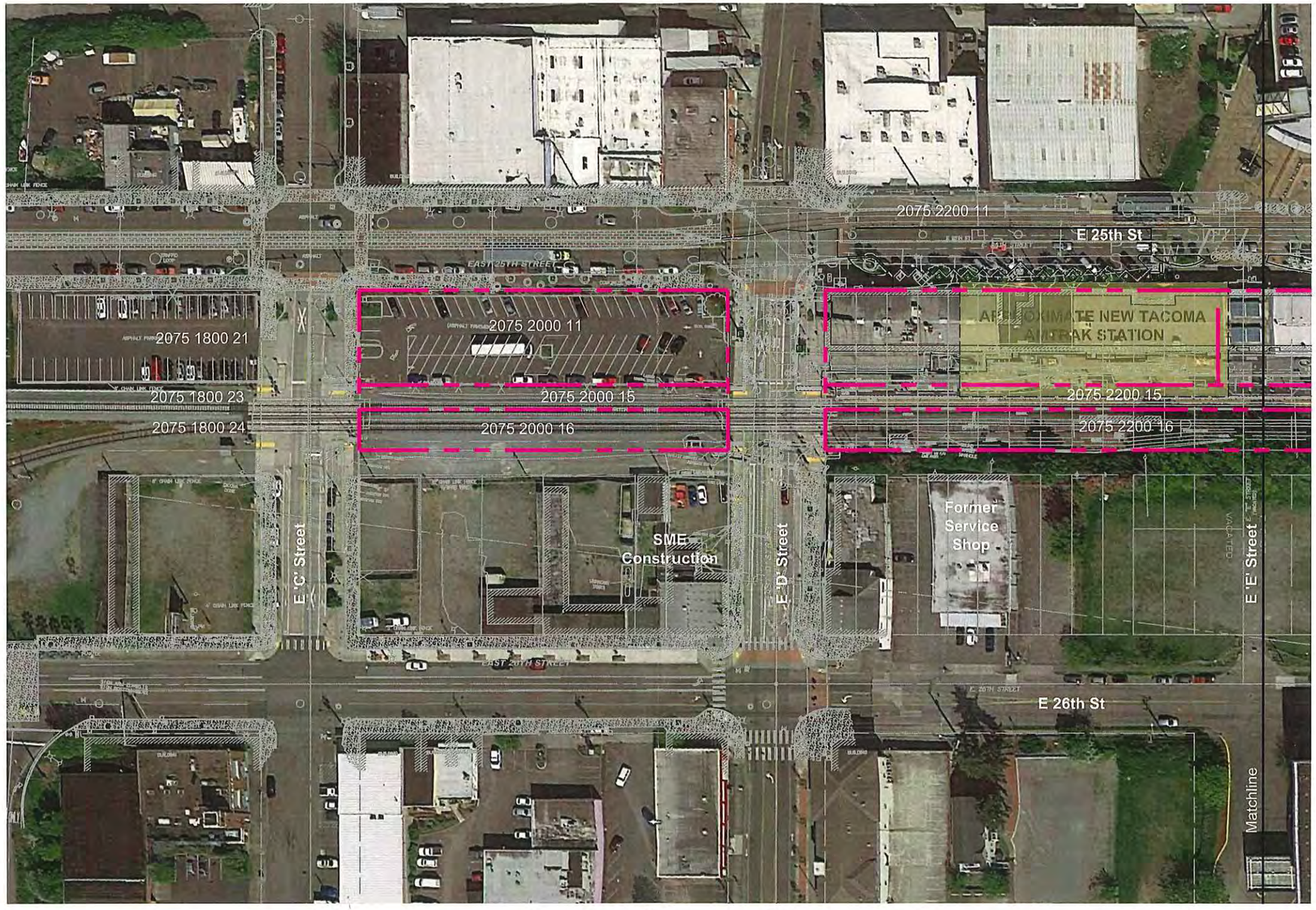

0 100 200

Scale in Feet

LEGEND

Parcel Boundary Line

2075 2000 11 Parcel Number

NOTE

This figure is adapted from client file, *FHS-XBASE.dwg,* received 11-3-2014. Aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth ™ Mapping Service.

Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

PARCEL MAP

September 2015 21-1-22032-008

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FIG. 2
Sheet 1 of 2

Filename: J:\211\22032-008\21-1-22032-008 Fig 2.dwg Layout: Sheet 1 Date: 09-15-2015 Login: bac

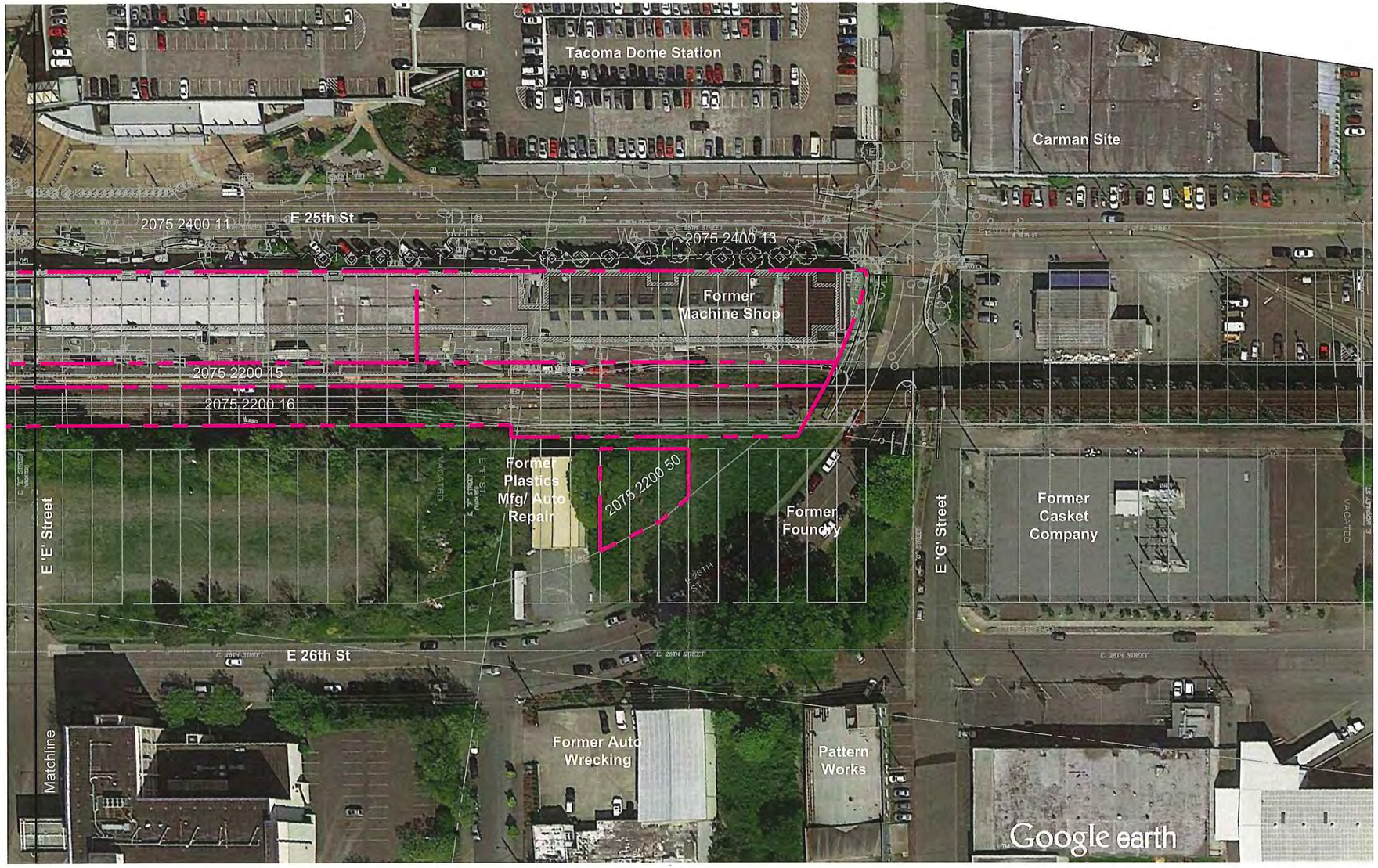

N

0 100 200

Scale in Feet

LEGEND

Parcel Boundary Line

2075 2000 11 Parcel Number

NOTE

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Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

PARCEL MAP

September 2015 21-1-22032-008

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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 2
Sheet 2 of 2

Filename: J:\211\22032-008\21-1-22032-008 Fig 2.dwg Layout: Sheet 2 Date: 09-15-2015 Login: bac

LEGEND

GP-13-15 ●	Environmental Hollow Stem Auger Designation and Approximate Location for Freighthouse Square Project
GP-1 ▲	Environmental Geoprobe Designation and Approximate Location for FHS Project
FHS-1 ⊕	Geotechnical Boring Designation and Approximate Location for FHS Project
SW-16-15 ⊙	Exploration Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)
(MW)	Monitoring Well Installed in this Exploration
GW	Groundwater Sample Collected from this Location

0 100 200

Scale in Feet

NOTE

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Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

SITE AND EXPLORATION PLAN

September 2015 21-1-22032-008

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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 3

Filename: J:\211\22032-008\21-1-22032-008 Fig 3 SAP.dwg Layout: Sheet 1 Date: 09-15-2015 Login: bac

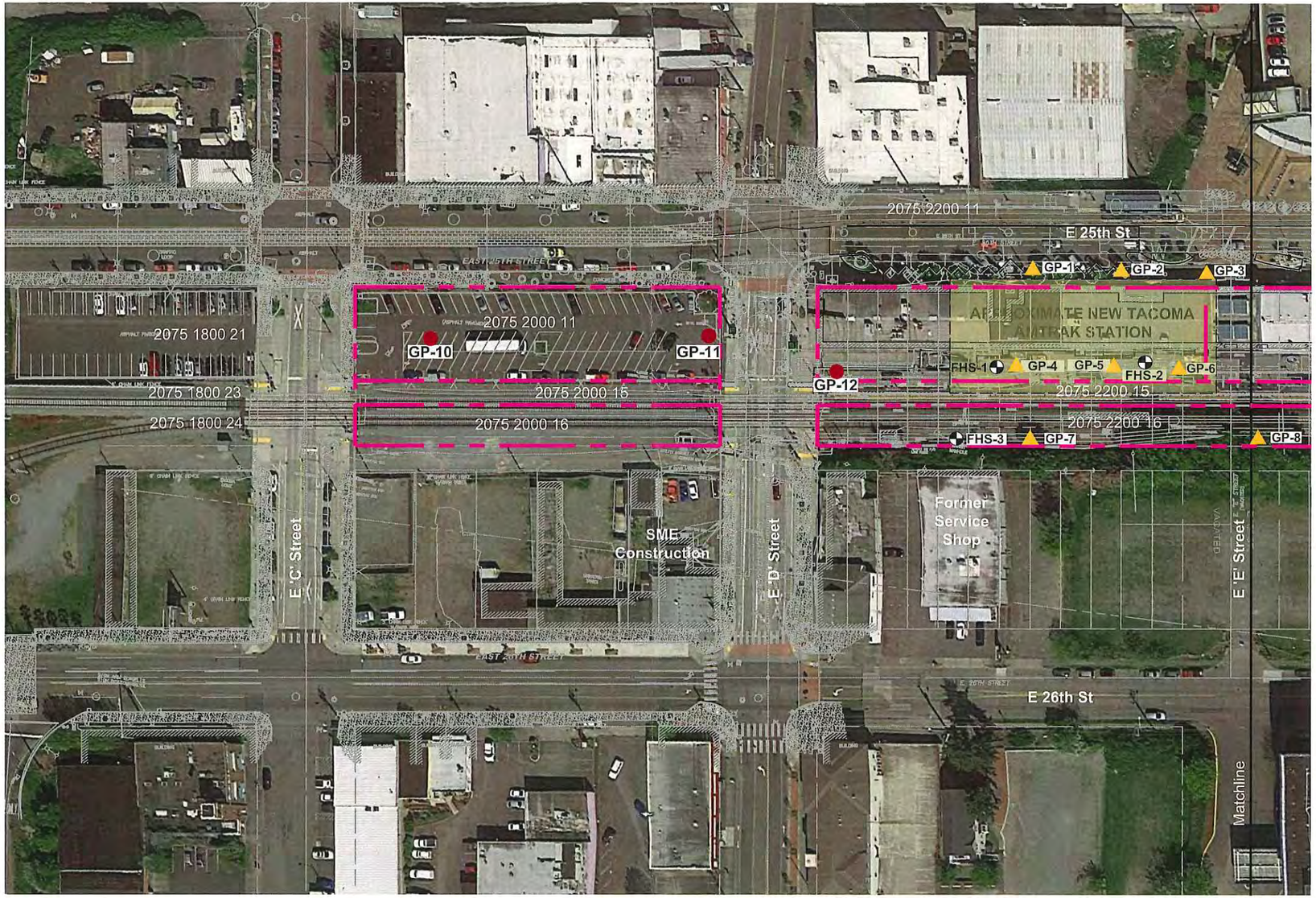

0 100 200

Scale in Feet

LEGEND

Parcel Boundary Line

2075 2000 11 Parcel Number

NOTE

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Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

PARCEL MAP

September 2015 21-1-22032-008

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FIG. 4
Sheet 1 of 2

Filename: J:\21\22032-008\21-1-22032-008 Fig 4 - Parcel Map.dwg Layout: Sheet 1 Date: 09-15-2015 Login: bac

0 100 200

Scale in Feet

LEGEND

Parcel Boundary Line

2075 2000 11 Parcel Number

NOTE

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Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

PARCEL MAP

September 2015 21-1-22032-008

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FIG. 4
Sheet 2 of 2

Filename: J:\211\22032-008\21-1-22032-008 Fig 4 - Parcel Map.dwg Layout: Sheet 2 Date: 09-15-2015 Login: bac

LEGEND

GP-10	Environmental Geoprobe and Auger Designation and Approximate Location
GP-1	Environmental Geoprobe Designation and Approximate Location for FHS Project
FHS-1	Geotechnical Boring Designation and Approximate Location for FHS Project
SW-16-15	Geotechnical Boring Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)
□MW□	Monitoring Well Installed in this Exploration
GW	Groundwater Sample Collected from this Location

mg/kg = milligram per kilogram

ug/L = microgram per liter

D.As = Dissolved Arsenic

ΣPAH = sum of polycyclic aromatic hydrocarbons

Dx = Diesel Range Organics

0 100 200

Scale in Feet

NOTE

This figure is adapted from client file, □*HS-□BASE.dwg,* received 11-3-2014. Aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth ™ Mapping Service.

Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

SITE AND EXPLORATION PLAN WITH CLEAN□P CRITERIA EXCEEDANCES

September 2015 21-1-22032-008

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FIG. 5

Filename: J:\211\22032-008\21-1-22032-008 Fig 5.dwg Layout: Sheet 1 Date: 09-15-2015 Login: bac

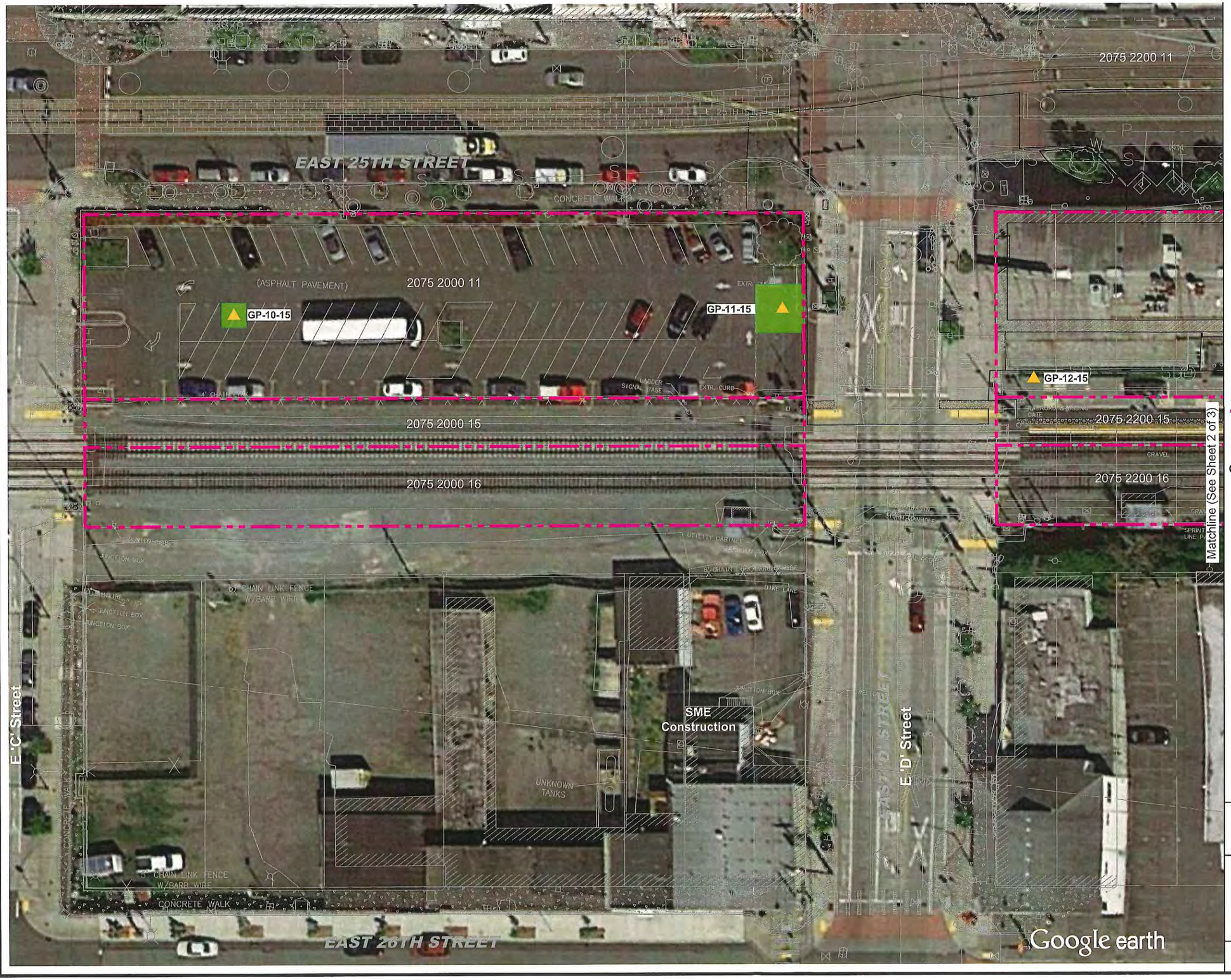

N

0 40 80

Scale in Feet

LEGEND

- Approximate Excavation Limits
- Parcel Boundary Line
- 2075 2000 11 Parcel Number
- GP-13-15 Environmental Hollow Stem Auger Designation and Approximate Location for Freighthouse Square Project
- GP-1 Environmental Geoprobe Designation and Approximate Location for FHS Project
- FHS-1 Geotechnical Boring Designation and Approximate Location for FHS Project
- SW-16-15 Exploration Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)

NOTE

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Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

SITE REMEDIATION PLAN

September 2015 21-1-22032-008

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FIG. 6
Sheet 1 of 3

Filename: J:\21\22032-008\21-1-22032-008 Fig 6 - Site Remediation Plan.dwg Layout: Sheet 1 Date: 09-15-2015 Login: bac

N

0 40 80

Scale in Feet

LEGEND

- Approximate Excavation Limits
- Parcel Boundary Line
- 2075 2000 11 Parcel Number
- GP-13-15 Environmental Hollow Stem Auger Designation and Approximate Location for Freighthouse Square Project
- GP-1 Environmental Geoprobe Designation and Approximate Location for FHS Project
- FHS-1 Geotechnical Boring Designation and Approximate Location for FHS Project
- SW-16-15 Exploration Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)

NOTE

This figure is adapted from client file, □HS-□BASE.dwg, received 11-3-2014. Aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth ™ Mapping Service.

Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

SITE REMEDIATION PLAN

September 2015 21-1-22032-008

SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 6
Sheet 2 of 3

Filename: J:\21\22032-008\21-1-22032-008 Fig 6 - Site Remediation Plan.dwg Layout: Sheet 2 Date: 09-15-2015 Login: bac

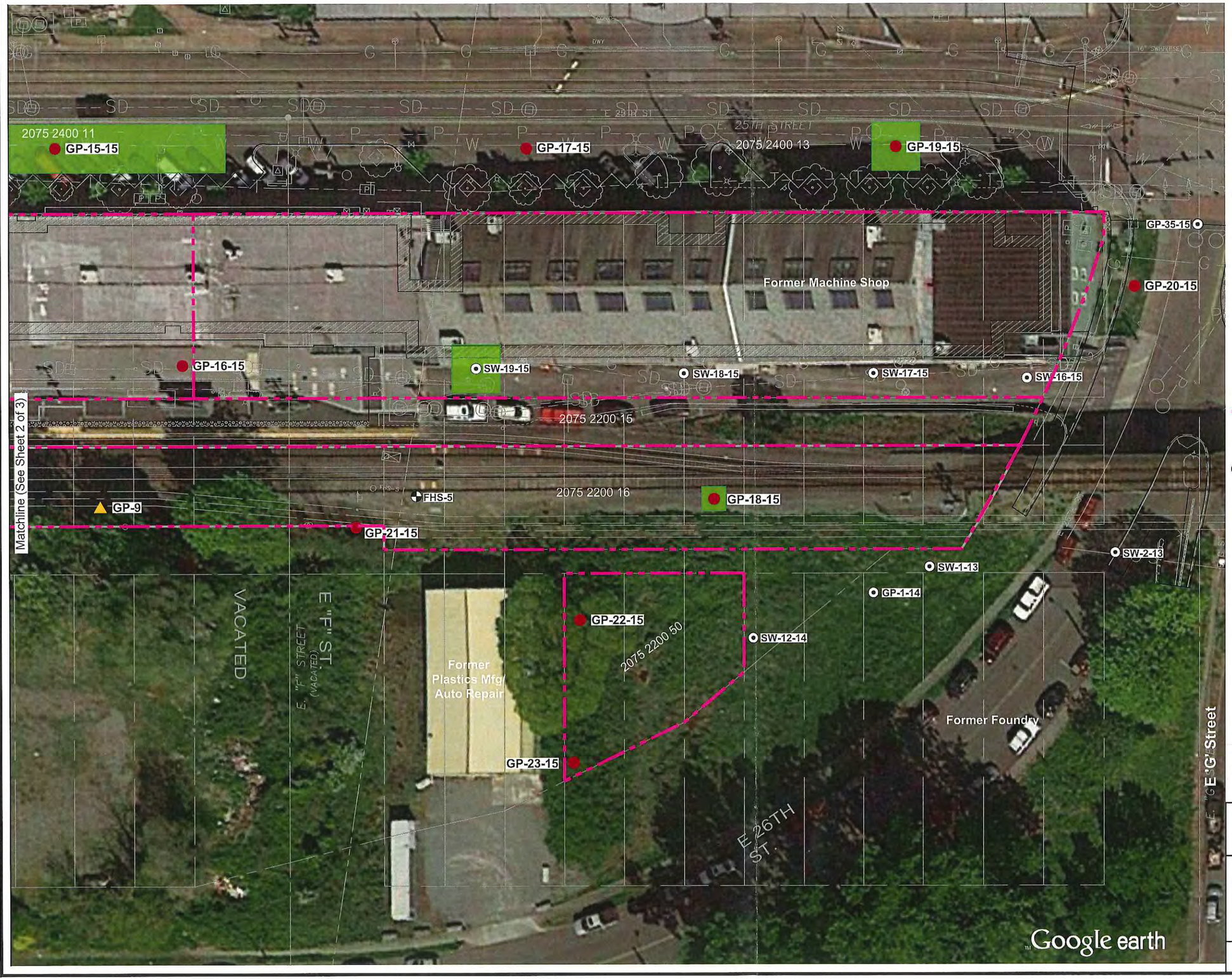

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0 40 80

Scale in Feet

LEGEND

- Approximate Excavation Limits
- Parcel Boundary Line
- 2075 2000 11 Parcel Number
- GP-13-15 Environmental Hollow Stem Auger Designation and Approximate Location for Freighthouse Square Project
- GP-1 Environmental Geoprobe Designation and Approximate Location for FHS Project
- FHS-1 Geotechnical Boring Designation and Approximate Location for FHS Project
- SW-16-15 Exploration Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)

NOTE

This figure is adapted from client file, *FHS-XBASE.dwg*, received 11-3-2014. Aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth ™ Mapping Service.

Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

SITE REMEDIATION PLAN

September 2015 21-1-22032-008

SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 6
Sheet 3 of 3

Filename: J:\211\22032-008\21-1-22032-008 Fig 6 - Site Remediation Plan.dwg Layout: Sheet 3 Date: 09-15-2015 Login: bac

APPENDIX A

SOIL KEY AND EXPLORATION LOGS

**on compact disc*

APPENDIX B

ANALYTICAL LABORATORY REPORTS AND ANALYTICAL DATA REVIEW CHECKLISTS

on compact disc

APPENDIX C

PARCEL HISTORIES

APPENDIX D

SOUND TRANSIT TACOMA TRESTLE DATA

**on compact disc*

APPENDIX E

1996 MODEL TOXICS CONTROL ACT
TABLES 1 AND 2

APPENDIX F

IMPORTANT INFORMATION ABOUT YOUR ENVIRONMENTAL SITE ASSESSMENT/EVALUATION REPORT

IMPORTANT INFORMATION ABOUT YOUR ENVIRONMENTAL SITE ASSESSMENT/EVALUATION REPORT

ENVIRONMENTAL SITE ASSESSMENTS/EVALUATIONS ARE PERFORMED FOR SPECIFIC PURPOSES AND FOR SPECIFIC CLIENTS.

This report was prepared to meet the needs you specified with respect to your specific site and your risk management preferences. Unless indicated otherwise, we prepared your report expressly for you and for the purposes you indicated. No one other than you should use this report for any purpose without first conferring with us. No one is authorized to use this report for any purpose other than that originally contemplated without our prior written consent.

The findings and conclusions documented in this site assessment/evaluation have been prepared for specific application to this project and have been developed in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in this area. The conclusions presented are based on interpretation of information currently available to us and are made within the operational scope, budget, and schedule constraints of this project. No warranty, express or implied, is made.

OUR REPORT IS BASED ON PROJECT-SPECIFIC FACTORS.

Our environmental site assessment is based on several factors and may include (but not be limited to): reviewing public documents to chronicle site ownership for the past 30, 40, or more years; investigating the site's regulatory history to learn about permits granted or citations issued; determining prior uses of the site and those adjacent to it; reviewing available topographic and real estate maps, historical aerial photos, geologic information, and hydrologic data; reviewing readily available published information about surface and subsurface conditions; reviewing federal and state lists of known and potentially contaminated sites; evaluating the potential for naturally occurring hazards; and interviewing public officials, owners/operators, and/or adjacent owners with respect to local concerns and environmental conditions.

Except as noted within the text of the report, no sampling or quantitative laboratory testing was performed by us as part of this site assessment. Where such analyses were conducted by an outside laboratory, Shannon & Wilson relied upon the data provided and did not conduct an independent evaluation regarding the reliability of the data.

CONDITIONS CAN CHANGE.

Site conditions, both surface and subsurface, may be affected as a result of natural processes or human influence. An environmental site assessment/evaluation is based on conditions that existed at the time of the evaluation. Because so many aspects of a historical review rely on third party information, most consultants will refuse to certify (warrant) that a site is free of contaminants, as it is impossible to know with absolute certainty if such a condition exists. Contaminants may be present in areas that were not surveyed or sampled, or may migrate to areas that showed no signs of contamination at the time they were studied.

Unless your consultant indicates otherwise, your report should not be construed to represent geotechnical subsurface conditions at or adjacent to the site and does not provide sufficient information for construction-related activities. Your report also should not be used following floods, earthquakes, or other acts of nature; if the size or configuration of the site is altered; if the location of the site is modified; or if there is a change of ownership and/or use of the property.

INCIDENTAL DAMAGE MAY OCCUR DURING SAMPLING ACTIVITIES.

Incidental damage to a facility may occur during sampling activities. Asbestos and lead-based paint sampling often require destructive sampling of pipe insulation, floor tile, walls, doors, ceiling tile, roofing, and other building materials. Shannon & Wilson does not provide for paint repair. Limited repair of asbestos sample locations are provided. However, Shannon & Wilson neither warranties repairs made by our field personnel, nor are we held liable for injuries or damages as a result of those repairs. If you desire a specific form of repair, such as those provided by a licensed roofing contractor, you need to request the specific repair at the time of the proposal. The owner is responsible for repair methods that are not specified in the proposal.

READ RESPONSIBILITY CLAUSES CAREFULLY.

Environmental site assessments/evaluations are less exact than other design disciplines because they are based extensively on judgment and opinion, and there may not have been any (or very limited) investigation of actual subsurface conditions. Wholly unwarranted claims have been lodged against consultants. To limit this exposure, consultants have developed a number of clauses for use in their contracts, reports, and other documents. These responsibility clauses are not exculpatory clauses designed to transfer the consultant's liabilities to other parties; rather, they are definitive clauses that identify where responsibilities begin and end. Their use helps all parties involved recognize their individual responsibilities and take appropriate action. Some of these definitive clauses may appear in this report, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to your questions.

Consultants cannot accept responsibility for problems that may develop if they are not consulted after factors considered in their reports have changed, or conditions at the site have changed. Therefore, it is incumbent upon you to notify your consultant of any factors that may have changed prior to submission of the final assessment/evaluation.

An assessment/evaluation of a site helps reduce your risk, but does not eliminate it. Even the most rigorous professional assessment may fail to identify all existing conditions.

ONE OF THE OBLIGATIONS OF YOUR CONSULTANT IS TO PROTECT THE SAFETY, HEALTH, PROPERTY, AND WELFARE OF THE PUBLIC.

If our environmental site assessment/evaluation discloses the existence of conditions that may endanger the safety, health, property, or welfare of the public, we may be obligated under rules of professional conduct, statutory law, or common law to notify you and others of these conditions.

The preceding paragraphs are based on information provided by the
ASFE/Association of Engineering Firms Practicing in the Geosciences, Silver Spring, Maryland

Tacoma - Pierce County
Health Department
Healthy People in Healthy Communities
www.tpchd.org

No. 2061

WASTE DISPOSAL AUTHORIZATION

cPAHs in 4 borings >MTCA
& oil at 4300 in 1 boring

( ) Non-Asbestos (XX) New
( ) Asbestos (PSCAA Case # _____) ( ) Amendment

Diss As in GW - 2 locations >MTCA

A. Generator Name: WSDOT
B. Generator Address: 2501 East D Street Tacoma, WA 98421
C. Transporter Name: WHH-NSF sub-tier Dickson
D. Technical Contact: Sean LaRue (Garco Construction) or Trent Ensminger (WSDOT Environmental Services)
Phone: Sean LaRue (253) 503-7053 Trent Ensminger (360) 570-2587
E. Waste Description: Petroleum Contaminated Soils
( ) Sludge (XX) Solid (XX) PCS ( ) Other
F. Approved Quantity: **3500 Tons**
G. **Actual Quantity (Filled in upon disposal):** _____
H. Multiple Loads: (XX) Yes ( ) No
I. Dates of Disposal: **September 30, 2016 through September 30, 2017**
J. Testing: NWTPH-Gx, Dx, RCRA 8, VOC, SVOC, PAH, PCB
K. Reviewed by Department of Ecology: () Yes (XX) No
L. Disposal/Transportation Requirements: **A copy of this WDA must be transported with EACH load of waste and presented to the LRI Landfill Scalehouse Operator.** Soils demonstrating excessive odors are not suitable for use as daily cover and shall be directly buried (disposed of) in the landfill. If odors are not excessive and the soils physical characteristics are suitable for utilization as a daily cover then the soils may be used as alternative daily cover. Loads shall be covered during transport to the landfill to prevent fugitive emissions of contaminated soils. Load sizes shall comply with conditional-use and solid waste permit criteria.
M. Facility: **(XX) LRI Landfill (304th Street LF), 30919 Meridian Street, Eatonville, WA**

CERTIFICATION

I hereby certify that I have personally examined and am familiar with the information submitted in this document and any supporting material. Based on my inquiry of those individuals immediately responsible for obtaining the information, the information submitted is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. I agree that the generator and/or transporter will abide by all conditions specified in line (L) or any attachments thereto.

Date _____ Title _____ Signature _____

AUTHORIZED BY:

WDA PACKET

Keith Johnston, TPCHD (253)798-6561

Cc: LRI LF Scalehouse via Fax – 253 875 7205

For Official Use Only

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 28, 2015

Agnes Tirao
Shannon & Wilson, Inc.
400 N 34th Street, Suite 100
Seattle, WA 98103

Re: Analytical Data for Project 21-1-22032-007
Laboratory Reference No. 1508-234

Dear Agnes:

Enclosed are the analytical results and associated quality control data for samples submitted on August 21, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:10**					
Laboratory ID:	08-234-01					
Gasoline	**ND**	4.6	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*68-123*				
Client ID:	**GP-15-15:0.5**					
Laboratory ID:	08-234-02					
Gasoline	**ND**	5.4	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*89*	*68-123*				
Client ID:	**GP-15-15:Dup**					
Laboratory ID:	08-234-03					
Gasoline	**ND**	5.2	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*68-123*				
Client ID:	**GP-15-15:25**					
Laboratory ID:	08-234-04					
Gasoline	**ND**	6.0	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*68-123*				
Client ID:	**GP-15-15:20**					
Laboratory ID:	08-234-05					
Gasoline	**ND**	4.7	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*68-123*				
Client ID:	**GP-19-15:0.5**					
Laboratory ID:	08-234-06					
Gasoline	**ND**	4.6	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*82*	*68-123*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0822S1					
Gasoline	**ND**	5.0	NWTPH-Gx	8-22-15	8-22-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*68-123*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-234-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*98*	*97*	*68-123*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:8**					
Laboratory ID:	08-234-07					
Diesel Range Organics	**ND**	31	NWTPH-Dx	8-24-15	8-24-15	
Lube Oil	**78**	63	NWTPH-Dx	8-24-15	8-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*80*	*50-150*				
Client ID:	**GP-19-15:17**					
Laboratory ID:	08-234-08					
Diesel Range Organics	**ND**	28	NWTPH-Dx	8-24-15	8-24-15	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	8-24-15	8-24-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:10**					
Laboratory ID:	08-234-01					
Dichlorodifluoromethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0040	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.00079	EPA 8260C	8-22-15	8-22-15	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:0.5**					
Laboratory ID:	08-234-02					
Dichlorodifluoromethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0035	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.00071	EPA 8260C	8-22-15	8-22-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

VOLATILES EPA 8260C
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:Dup**					
Laboratory ID:	08-234-03					
Dichlorodifluoromethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0032	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.00065	EPA 8260C	8-22-15	8-22-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:25**					
Laboratory ID:	08-234-04					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	

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Date of Report: August 28, 2015
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:20**					
Laboratory ID:	08-234-05					
Dichlorodifluoromethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0037	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.00074	EPA 8260C	8-22-15	8-22-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
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Project: 21-1-22032-007

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:0.5**					
Laboratory ID:	08-234-06					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Acetone	0.015	0.0056	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	0.017	0.0056	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
2-Butanone	0.0065	0.0056	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0056	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	8-22-15	8-22-15	

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:8**					
Laboratory ID:	08-234-07					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Acetone	0.046	0.0052	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	0.0065	0.0052	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
2-Butanone	0.010	0.0052	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0052	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:17**					
Laboratory ID:	08-234-08					
Dichlorodifluoromethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0045	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	8-22-15	8-22-15	

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Date of Report: August 28, 2015
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Project: 21-1-22032-007

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0822S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloromethane	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Bromomethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloroethane	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Acetone	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
Iodomethane	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methylene Chloride	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
2-Butanone	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
Bromochloromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Chloroform	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Benzene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Trichloroethene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Dibromomethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
Toluene	ND	0.0050	EPA 8260C	8-22-15	8-22-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-22-15	8-22-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

VOLATILES by EPA 8260C
METHOD BLANK QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0824S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Chloromethane	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Bromomethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Chloroethane	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Acetone	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
Iodomethane	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Methylene Chloride	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
2-Butanone	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
Bromochloromethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Chloroform	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Benzene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Trichloroethene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Dibromomethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
Toluene	ND	0.0050	EPA 8260C	8-24-15	8-24-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	8-24-15	8-24-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

VOLATILES by EPA 8260C
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0822S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0467**	**0.0464**	0.0500	0.0500	93	93	66-129	1	15	
Benzene	**0.0506**	**0.0501**	0.0500	0.0500	101	100	71-123	1	15	
Trichloroethene	**0.0481**	**0.0473**	0.0500	0.0500	96	95	75-115	2	15	
Toluene	**0.0534**	**0.0488**	0.0500	0.0500	107	98	75-120	9	15	
Chlorobenzene	**0.0503**	**0.0465**	0.0500	0.0500	101	93	75-121	8	15	
Surrogate:										
Dibromofluoromethane					*102*	*102*	*76-131*			
Toluene-d8					*103*	*100*	*82-129*			
4-Bromofluorobenzene					*101*	*96*	*79-126*			

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:10**					
Laboratory ID:	08-234-01					
n-Nitrosodimethylamine	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Pyridine	**ND**	0.37	EPA 8270D	8-22-15	8-25-15	
Phenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Aniline	**ND**	0.19	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethyl)ether	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2-Chlorophenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
1,3-Dichlorobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
1,4-Dichlorobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Benzyl alcohol	**ND**	0.19	EPA 8270D	8-22-15	8-25-15	
1,2-Dichlorobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2-Methylphenol (o-Cresol)	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroisopropyl)ether	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
n-Nitroso-di-n-propylamine	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Hexachloroethane	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Nitrobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Isophorone	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2-Nitrophenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2,4-Dimethylphenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethoxy)methane	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2,4-Dichlorophenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
1,2,4-Trichlorobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Naphthalene	**ND**	0.0074	EPA 8270D/SIM	8-22-15	8-22-15	
4-Chloroaniline	**ND**	0.19	EPA 8270D	8-22-15	8-25-15	
Hexachlorobutadiene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
4-Chloro-3-methylphenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2-Methylnaphthalene	**ND**	0.0074	EPA 8270D/SIM	8-22-15	8-22-15	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270D/SIM	8-22-15	8-22-15	
Hexachlorocyclopentadiene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2,4,6-Trichlorophenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2,3-Dichloroaniline	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2,4,5-Trichlorophenol	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2-Chloronaphthalene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2-Nitroaniline	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
1,4-Dinitrobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Dimethylphthalate	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
1,3-Dinitrobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
2,6-Dinitrotoluene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
1,2-Dinitrobenzene	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	
Acenaphthylene	**ND**	0.0074	EPA 8270D/SIM	8-22-15	8-22-15	
3-Nitroaniline	**ND**	0.037	EPA 8270D	8-22-15	8-25-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:0.5**					
Laboratory ID:	08-234-02					
n-Nitrosodimethylamine	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Pyridine	**ND**	1.7	EPA 8270D	8-22-15	8-27-15	
Phenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Aniline	**ND**	0.87	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroethyl)ether	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2-Chlorophenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
1,3-Dichlorobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
1,4-Dichlorobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Benzyl alcohol	**ND**	0.87	EPA 8270D	8-22-15	8-27-15	
1,2-Dichlorobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2-Methylphenol (o-Cresol)	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroisopropyl)ether	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
n-Nitroso-di-n-propylamine	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Hexachloroethane	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Nitrobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Isophorone	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2-Nitrophenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2,4-Dimethylphenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroethoxy)methane	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2,4-Dichlorophenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
1,2,4-Trichlorobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Naphthalene	**ND**	0.0070	EPA 8270D/SIM	8-22-15	8-25-15	
4-Chloroaniline	**ND**	0.87	EPA 8270D	8-22-15	8-27-15	
Hexachlorobutadiene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
4-Chloro-3-methylphenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2-Methylnaphthalene	**ND**	0.0070	EPA 8270D/SIM	8-22-15	8-25-15	
1-Methylnaphthalene	**ND**	0.0070	EPA 8270D/SIM	8-22-15	8-25-15	
Hexachlorocyclopentadiene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2,4,6-Trichlorophenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2,3-Dichloroaniline	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2,4,5-Trichlorophenol	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2-Chloronaphthalene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2-Nitroaniline	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
1,4-Dinitrobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Dimethylphthalate	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
1,3-Dinitrobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
2,6-Dinitrotoluene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
1,2-Dinitrobenzene	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	
Acenaphthylene	**ND**	0.0070	EPA 8270D/SIM	8-22-15	8-25-15	
3-Nitroaniline	**ND**	0.17	EPA 8270D	8-22-15	8-27-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:Dup**					
Laboratory ID:	08-234-03					
n-Nitrosodimethylamine	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Pyridine	**ND**	0.41	EPA 8270D	8-22-15	8-25-15	
Phenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Aniline	**ND**	0.20	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethyl)ether	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2-Chlorophenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
1,3-Dichlorobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
1,4-Dichlorobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Benzyl alcohol	**ND**	0.20	EPA 8270D	8-22-15	8-25-15	
1,2-Dichlorobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2-Methylphenol (o-Cresol)	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroisopropyl)ether	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
n-Nitroso-di-n-propylamine	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Hexachloroethane	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Nitrobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Isophorone	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2-Nitrophenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2,4-Dimethylphenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethoxy)methane	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2,4-Dichlorophenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
1,2,4-Trichlorobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Naphthalene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
4-Chloroaniline	**ND**	0.20	EPA 8270D	8-22-15	8-25-15	
Hexachlorobutadiene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
4-Chloro-3-methylphenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2-Methylnaphthalene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
1-Methylnaphthalene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
Hexachlorocyclopentadiene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2,4,6-Trichlorophenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2,3-Dichloroaniline	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2,4,5-Trichlorophenol	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2-Chloronaphthalene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2-Nitroaniline	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
1,4-Dinitrobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Dimethylphthalate	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
1,3-Dinitrobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
2,6-Dinitrotoluene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
1,2-Dinitrobenzene	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	
Acenaphthylene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
3-Nitroaniline	**ND**	0.041	EPA 8270D	8-22-15	8-25-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:25**					
Laboratory ID:	08-234-04					
n-Nitrosodimethylamine	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Pyridine	**ND**	0.40	EPA 8270D	8-22-15	8-25-15	
Phenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Aniline	**ND**	0.20	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2-Chlorophenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Benzyl alcohol	**ND**	0.20	EPA 8270D	8-22-15	8-25-15	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
n-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Hexachloroethane	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Nitrobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Isophorone	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2-Nitrophenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Naphthalene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
4-Chloroaniline	**ND**	0.20	EPA 8270D	8-22-15	8-25-15	
Hexachlorobutadiene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2-Methylnaphthalene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
1-Methylnaphthalene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
Hexachlorocyclopentadiene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2-Chloronaphthalene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2-Nitroaniline	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Dimethylphthalate	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	
Acenaphthylene	**ND**	0.0081	EPA 8270D/SIM	8-22-15	8-22-15	
3-Nitroaniline	**ND**	0.040	EPA 8270D	8-22-15	8-25-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-15-15:20**					
Laboratory ID:	08-234-05					
n-Nitrosodimethylamine	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Pyridine	**ND**	0.38	EPA 8270D	8-22-15	8-26-15	
Phenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Aniline	**ND**	0.19	EPA 8270D	8-22-15	8-26-15	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Chlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Benzyl alcohol	**ND**	0.19	EPA 8270D	8-22-15	8-26-15	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
n-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Hexachloroethane	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Nitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Isophorone	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Nitrophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Naphthalene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
4-Chloroaniline	**ND**	0.19	EPA 8270D	8-22-15	8-26-15	
Hexachlorobutadiene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Chloronaphthalene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Nitroaniline	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Dimethylphthalate	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Acenaphthylene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
3-Nitroaniline	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:0.5**					
Laboratory ID:	08-234-06					
n-Nitrosodimethylamine	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Pyridine	**ND**	8.5	EPA 8270D	8-22-15	8-27-15	
Phenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Aniline	**ND**	4.3	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroethyl)ether	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2-Chlorophenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
1,3-Dichlorobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
1,4-Dichlorobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Benzyl alcohol	**ND**	4.3	EPA 8270D	8-22-15	8-27-15	
1,2-Dichlorobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2-Methylphenol (o-Cresol)	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroisopropyl)ether	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
n-Nitroso-di-n-propylamine	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Hexachloroethane	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Nitrobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Isophorone	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2-Nitrophenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2,4-Dimethylphenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroethoxy)methane	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2,4-Dichlorophenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
1,2,4-Trichlorobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Naphthalene	**ND**	0.068	EPA 8270D/SIM	8-22-15	8-25-15	
4-Chloroaniline	**ND**	4.3	EPA 8270D	8-22-15	8-27-15	
Hexachlorobutadiene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
4-Chloro-3-methylphenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2-Methylnaphthalene	**0.079**	0.068	EPA 8270D/SIM	8-22-15	8-25-15	
1-Methylnaphthalene	**ND**	0.068	EPA 8270D/SIM	8-22-15	8-25-15	
Hexachlorocyclopentadiene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2,4,6-Trichlorophenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2,3-Dichloroaniline	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2,4,5-Trichlorophenol	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2-Chloronaphthalene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2-Nitroaniline	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
1,4-Dinitrobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Dimethylphthalate	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
1,3-Dinitrobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
2,6-Dinitrotoluene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
1,2-Dinitrobenzene	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	
Acenaphthylene	**ND**	0.068	EPA 8270D/SIM	8-22-15	8-25-15	
3-Nitroaniline	**ND**	0.85	EPA 8270D	8-22-15	8-27-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:8**					
Laboratory ID:	08-234-07					
n-Nitrosodimethylamine	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Pyridine	**ND**	2.1	EPA 8270D	8-22-15	8-27-15	
Phenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Aniline	**ND**	1.0	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroethyl)ether	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2-Chlorophenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
1,3-Dichlorobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
1,4-Dichlorobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Benzyl alcohol	**ND**	1.0	EPA 8270D	8-22-15	8-27-15	
1,2-Dichlorobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2-Methylphenol (o-Cresol)	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroisopropyl)ether	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
n-Nitroso-di-n-propylamine	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Hexachloroethane	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Nitrobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Isophorone	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2-Nitrophenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2,4-Dimethylphenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
bis(2-Chloroethoxy)methane	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2,4-Dichlorophenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
1,2,4-Trichlorobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Naphthalene	**0.019**	0.0084	EPA 8270D/SIM	8-22-15	8-25-15	
4-Chloroaniline	**ND**	1.0	EPA 8270D	8-22-15	8-27-15	
Hexachlorobutadiene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
4-Chloro-3-methylphenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2-Methylnaphthalene	**0.0085**	0.0084	EPA 8270D/SIM	8-22-15	8-25-15	
1-Methylnaphthalene	**ND**	0.0084	EPA 8270D/SIM	8-22-15	8-25-15	
Hexachlorocyclopentadiene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2,4,6-Trichlorophenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2,3-Dichloroaniline	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2,4,5-Trichlorophenol	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2-Chloronaphthalene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2-Nitroaniline	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
1,4-Dinitrobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Dimethylphthalate	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
2,6-Dinitrotoluene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
1,2-Dinitrobenzene	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	
Acenaphthylene	**ND**	0.0084	EPA 8270D/SIM	8-22-15	8-25-15	
3-Nitroaniline	**ND**	0.21	EPA 8270D	8-22-15	8-27-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**GP-19-15:17**					
Laboratory ID:	08-234-08					
n-Nitrosodimethylamine	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Pyridine	**ND**	0.38	EPA 8270D	8-22-15	8-26-15	
Phenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Aniline	**ND**	0.19	EPA 8270D	8-22-15	8-26-15	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Chlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Benzyl alcohol	**ND**	0.19	EPA 8270D	8-22-15	8-26-15	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
n-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Hexachloroethane	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Nitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Isophorone	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Nitrophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Naphthalene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
4-Chloroaniline	**ND**	0.19	EPA 8270D	8-22-15	8-26-15	
Hexachlorobutadiene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
Hexachlorocyclopentadiene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Chloronaphthalene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2-Nitroaniline	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Dimethylphthalate	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	
Acenaphthylene	**ND**	0.0075	EPA 8270D/SIM	8-22-15	8-22-15	
3-Nitroaniline	**ND**	0.038	EPA 8270D	8-22-15	8-26-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0822S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Pyridine	**ND**	0.33	EPA 8270D	8-22-15	8-25-15	
Phenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Aniline	**ND**	0.17	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2-Chlorophenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Benzyl alcohol	**ND**	0.17	EPA 8270D	8-22-15	8-25-15	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Hexachloroethane	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Nitrobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Isophorone	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2-Nitrophenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Naphthalene	**ND**	0.0067	EPA 8270D/SIM	8-22-15	8-22-15	
4-Chloroaniline	**ND**	0.17	EPA 8270D	8-22-15	8-25-15	
Hexachlorobutadiene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	8-22-15	8-22-15	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270D/SIM	8-22-15	8-22-15	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2-Chloronaphthalene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2-Nitroaniline	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Dimethylphthalate	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	
Acenaphthylene	**ND**	0.0067	EPA 8270D/SIM	8-22-15	8-22-15	
3-Nitroaniline	**ND**	0.033	EPA 8270D	8-22-15	8-25-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

SEMIVOLATILES EPA 8270D/SIM
SB/SBD QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0822S1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	**0.907**	**0.896**	1.33	1.33	68	67	55 - 105	1	25	
2-Chlorophenol	**0.920**	**0.887**	1.33	1.33	69	67	56 - 102	4	30	
1,4-Dichlorobenzene	**0.437**	**0.395**	0.667	0.667	66	59	49 - 99	10	35	
n-Nitroso-di-n-propylamine	**0.423**	**0.409**	0.667	0.667	63	61	52 - 102	3	26	
1,2,4-Trichlorobenzene	**0.454**	**0.437**	0.667	0.667	68	66	49 - 110	4	30	
4-Chloro-3-methylphenol	**0.865**	**0.938**	1.33	1.33	65	71	59 - 113	8	22	
Acenaphthene	**0.431**	**0.444**	0.667	0.667	65	67	52 - 103	3	22	
4-Nitrophenol	**0.978**	**1.02**	1.33	1.33	74	77	51 - 125	4	23	
2,4-Dinitrotoluene	**0.453**	**0.465**	0.667	0.667	68	70	53 - 118	3	23	
Pentachlorophenol	**0.980**	**1.04**	1.33	1.33	74	78	25 - 141	6	39	
Pyrene	**0.475**	**0.495**	0.667	0.667	71	74	57 - 120	4	20	
Surrogate:										
2-Fluorophenol					*72*	*67*	*31 - 110*			
Phenol-d6					*70*	*67*	*34 - 109*			
Nitrobenzene-d5					*63*	*60*	*30 - 109*			
2-Fluorobiphenyl					*71*	*71*	*39 - 103*			
2,4,6-Tribromophenol					*73*	*78*	*25 - 120*			
Terphenyl-d14					*75*	*77*	*40 - 117*			

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-234-03					
Client ID:	**GP-15-15:Dup**					
Arsenic	**ND**	12	6010C	8-21-15	8-21-15	
Barium	**58**	3.1	6010C	8-21-15	8-21-15	
Cadmium	**ND**	0.61	6010C	8-21-15	8-21-15	
Chromium	**41**	0.61	6010C	8-21-15	8-21-15	
Lead	**ND**	6.1	6010C	8-21-15	8-21-15	
Mercury	**ND**	0.31	7471B	8-21-15	8-21-15	
Selenium	**ND**	12	6010C	8-21-15	8-21-15	
Silver	**ND**	1.2	6010C	8-21-15	8-21-15	
Lab ID:	08-234-04					
Client ID:	**GP-15-15:25**					
Arsenic	**ND**	12	6010C	8-21-15	8-21-15	
Barium	**48**	3.0	6010C	8-21-15	8-21-15	
Cadmium	**ND**	0.60	6010C	8-21-15	8-21-15	
Chromium	**36**	0.60	6010C	8-21-15	8-21-15	
Lead	**ND**	6.0	6010C	8-21-15	8-21-15	
Mercury	**ND**	0.30	7471B	8-21-15	8-21-15	
Selenium	**ND**	12	6010C	8-21-15	8-21-15	
Silver	**ND**	1.2	6010C	8-21-15	8-21-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

TOTAL METALS
EPA 6010C/7471B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-234-07					
Client ID:	**GP-19-15:8**					
Arsenic	**ND**	13	6010C	8-21-15	8-21-15	
Barium	**120**	3.1	6010C	8-21-15	8-21-15	
Cadmium	**ND**	0.63	6010C	8-21-15	8-21-15	
Chromium	**58**	0.63	6010C	8-21-15	8-21-15	
Lead	**ND**	6.3	6010C	8-21-15	8-21-15	
Mercury	**ND**	0.31	7471B	8-21-15	8-21-15	
Selenium	**ND**	13	6010C	8-21-15	8-21-15	
Silver	**ND**	1.3	6010C	8-21-15	8-21-15	
Lab ID:	08-234-08					
Client ID:	**GP-19-15:17**					
Arsenic	**ND**	11	6010C	8-21-15	8-21-15	
Barium	**62**	2.8	6010C	8-21-15	8-21-15	
Cadmium	**ND**	0.57	6010C	8-21-15	8-21-15	
Chromium	**40**	0.57	6010C	8-21-15	8-21-15	
Lead	**ND**	5.7	6010C	8-21-15	8-21-15	
Mercury	**ND**	0.28	7471B	8-21-15	8-21-15	
Selenium	**ND**	11	6010C	8-21-15	8-21-15	
Silver	**ND**	1.1	6010C	8-21-15	8-21-15	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

TOTAL MERCURY
EPA 7471B
METHOD BLANK QUALITY CONTROL

Date Extracted:	8-21-15
Date Analyzed:	8-21-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0821S2

Analyte	Method	Result	PQL
Mercury	7471B	**ND**	0.25

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

TOTAL MERCURY
EPA 7471B
DUPLICATE QUALITY CONTROL

Date Extracted: 8-21-15
Date Analyzed: 8-21-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-119-08

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	**ND**	**ND**	NA	0.25	

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Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

TOTAL MERCURY
EPA 7471B
MS/MSD QUALITY CONTROL

Date Extracted: 8-21-15
Date Analyzed: 8-21-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-119-08

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.500	**0.473**	95	**0.456**	91	4	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 28, 2015
Samples Submitted: August 21, 2015
Laboratory Reference: 1508-234
Project: 21-1-22032-007

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826S1					
Aroclor 1016	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Aroclor 1221	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Aroclor 1232	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Aroclor 1242	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Aroclor 1248	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Aroclor 1254	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Aroclor 1260	**ND**	0.025	EPA 8082A	8-26-15	8-26-15	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*86*	*55-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-247-04										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.139**	**0.138**	0.125	0.125	ND	**111**	**110**	46-136	1	17	
Surrogate:											
DCB						*112*	*108*	*55-140*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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LEGEND

GP-10	Environmental Geoprobe and Auger Designation and Approximate Location
GP-1	Environmental Geoprobe Designation and Approximate Location for FHS Project
FHS-1	Geotechnical Boring Designation and Approximate Location for FHS Project
SW-16-15	Geotechnical Boring Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)
□MW□	Monitoring Well Installed in this Exploration
GW	Groundwater Sample Collected from this Location

mg/kg = milligram per kilogram

ug/L = microgram per liter

D.As = Dissolved Arsenic

ΣPAH = sum of polycyclic aromatic hydrocarbons

Dx = Diesel Range Organics

0 100 200

Scale in Feet

NOTE

This figure is adapted from client file, □*HS-□BASE.dwg,* received 11-3-2014. Aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth ™ Mapping Service.

Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington

SITE AND EXPLORATION PLAN WITH CLEAN□P CRITERIA EXCEEDANCES

September 2015 21-1-22032-008

SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 5

Filename: J:\21\22032-008\21-1-22032-008 Fig 5.dwg Layout: Sheet 1 Date: 09-15-2015 Login: bac

TABLE 1
EXPLORATION SUMMARY

Probe	Parcel Number	Parcel "Name"	Sample Date	Exploration Depth (ft)	Depth to Water During Drilling (ft)	Sample Designation	Matrix	Sample Depth (ft)	Initial Analyses	Follow-up Analyses	TCLP Follow-Up
GP-1	2075220011	FHS West	5/7/2015 & 5/12/2015	10	9	GP-1:0.5	Soil	0.5			
						GP-1:5	Soil	5			
						GP-1:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
						GP-1:GW	Water	--	Gx, Dx, VOCs, SVOCs, Metals		
GP-2	2075220011	FHS West	5/12/2015	10	Not Observed	GP-2:0.5	Soil	0.5			
						GP-2:5	Soil	5			
						GP-2:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-3	2075220011	FHS West	5/12/2015	10	Not Observed	GP-3:0.5	Soil	0.5			
						GP-3:5	Soil	5			
						GP-3:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-4	2075220011	FHS West	5/8/2015	10	Not Observed	GP-4:1.2	Soil	1.2		Gx, Dx, VOCs, SVOCs, Metals, PCBs	
						GP-4:5	Soil	5		Gx, Dx, VOCs, SVOCs, Metals, PCBs	
						GP-4:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
GP-5	2075220011	FHS West	5/8/2015	10	Not Observed	GP-5:1.2	Soil	1.2			
						GP-5:5	Soil	5			
						GP-5:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-6	2075220011	FHS West	5/8/2015	10	Not Observed	GP-6:1.2	Soil	1.2			
						GP-6:5	Soil	5			
						GP-6:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
GP-7	2075220016	Sound Transit	5/7/2015 & 5/12/2015	16	16	GP-7:0.5	Soil	0.5		Gx, Dx, VOCs, SVOCs, Metals, PCBs	
						GP-7:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-7:16	Soil	16	Gx, Dx, VOCs, SVOCs, Metals		
GP-8	2075220016	Sound Transit	5/7/2015 & 5/12/2015	18	16.5	GP-8:0.5	Soil	0.5			
						GP-8:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-8:16.5	Soil	16.5	Gx, Dx, VOCs, SVOCs, Metals		
GP-9	2075220016	Sound Transit	5/7/2015 & 5/12/2015	18	Not Observed	GP-9:0.5	Soil	0.5			
						GP-9:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-9:18	Soil	18	Gx, Dx, VOCs, SVOCs, Metals		
FHS-1	2075220011	FHS West	11/17/2014	31.5	17.5	FHS-1:1.5	Soil	1.5	Dx, PAH, Metals		
						FHS-1:17.5	Soil	17.5	Gx, Dx, VOCs, PAHs, Metals		
						FHS-1:20	Soil	20	Dx, PAH, Metals		
			5/7/2015			FHS-1:GW	Water	--	Gx, Dx, VOCs, SVOCs, Metals		
FHS-2	2075220011	FHS West	11/17/2014	31.5	17	FHS-2:1.5	Soil	1.5	Dx, PAH, Metals		
						FHS-2:20	Soil	20	Dx, PAH, Metals		
FHS-3	2075220016	Sound Transit	5/5/2015	50.5	13	FHS-3:0.5	Soil	0.5	Dx, PAH, Metals		
						FHS-3:13	Soil	13	Dx, PAH, Metals		
FHS-5	2075220016	Sound Transit	5/4/2015	50.5	27	FHS-5:30	Soil	30	Dx, PAH, Metals		
			5/8/2015			FHS-5:GW	Water	--	Gx, Dx, VOCs, SVOCs, Metals		

TABLE 1
EXPLORATION SUMMARY

Probe	Parcel Number	Parcel "Name"	Sample Date	Exploration Depth (ft)	Depth to Water During Drilling (ft)	Sample Designation	Matrix	Sample Depth (ft)	Initial Analyses	Follow-up Analyses	TCLP Follow-Up
GP-10	2075200011	FHS Parking Lot	8/19/2015	18	13	GP-10-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-10-15:6	Soil	6	Dx, VOCs, SVOCs	PCBs	
						GP-10-15:13	Soil	13	Gx, Dx, VOCs, SVOCs, Metals		
						GP-10-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-11	2075200011	FHS Parking Lot	8/19/2015	18	13	GP-11-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-11-15:6	Soil	6	Dx		
						GP-11-15:13.5	Soil	13.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Cr
						GP-11-15:DUP	Soil	13.5	Gx, Dx, VOCs, SVOCs, Metals		
						GP-11-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-12	2075220011	FHS West	8/19/2015	15	13	GP-12-15:1.5	Soil	1.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-12-15:6.0	Soil	6	Gx, Dx	PCBs	
						GP-12-15:13	Soil	13	Gx, Dx, VOCs, SVOCs, Metals		
						GP-12-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-13	2075240011	FHS Center	8/20/2015	21.5	Not Observed	GP-13-15:1	Soil	1	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-13-15:6	Soil	6	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-13-15:DUP	Soil	6	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-13-15:15	Soil	15	Gx, Dx, VOCs, SVOCs, Metals		
						GP-13-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals		
GP-14	2075240011	FHS Center	8/19/2015	21.5	Not Observed	GP-14-15:1	Soil	1	Gx, Dx, VOCs, SVOCs, Metals		
						GP-14-15:6	Soil	6	Gx, Dx, VOCs, SVOCs, Metals		
						GP-14-15:15	Soil	15	Gx, Dx, VOCs, SVOCs, Metals		
						GP-14-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
GP-15	2075240011	FHS Center	8/20/2015	26.5	25	GP-15-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-15-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
			8/21/2015			GP-15-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals		
						GP-15-15:25	Soil	25	Gx, Dx, VOCs, SVOCs, Metals		
						GP-15-15:DUP	Soil	25	Gx, Dx, VOCs, SVOCs, Metals		
						GP-15-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-16	2075240011	FHS Center	8/19/2015	41.5	38	GP-16-15:1	Soil	1	Gx, Dx, VOCs, SVOCs, Metals		
						GP-16-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		
						GP-16-15:20	Soil	20	Gx, Dx, VOCs, SVOCs, Metals		
						GP-16-15:40	Soil	40	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-16-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-17	2075240013	FHS East	8/21/2015	19.5	15	GP-17-15:8	Soil	8	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-17-15:17	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
						GP-17-15:GW	Water	--	Gx, Dx, VOCs, Metals		

TABLE 1
EXPLORATION SUMMARY

Probe	Parcel Number	Parcel "Name"	Sample Date	Exploration Depth (ft)	Depth to Water During Drilling (ft)	Sample Designation	Matrix	Sample Depth (ft)	Initial Analyses	Follow-up Analyses	TCLP Follow-Up
GP-18	2075220016	Sound Transit	8/17/2015	21.4	13.5	GP-18-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Pb
						GP-18-15:5	Soil	5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Pb
						GP-18-15:DUP	Soil	5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
			8/18/2015			GP-18-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
GP-19	2075240013	FHS East	8/21/2015	19.5	10.5	GP-19-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-19-15:8	Soil	8	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-19-15:17	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
GP-20	2075240013	FHS East	8/21/2015	26.5	5	GP-20-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-20-15:8	Soil	8	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-20-15:17	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
						GP-20-15:DUP	Soil	17	Gx, Dx, VOCs, SVOCs, Metals		
						GP-20-15:25	Soil	25	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-20-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-21	--	City of Tacoma	8/17/2015	16	Not Observed	GP-21-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-21-15:5	Soil	5			
						GP-21-15:10	Soil	10			
						GP-21-15:15	Soil	15	Gx, Dx, VOCs, SVOCs, Metals		
GP-22	2075220050	Bish	8/19/2015	30.3	25	GP-22-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	
						GP-22-15:10	Soil	10			
						GP-22-15:20	Soil	20			
						GP-22-15:30	Soil	30	Gx, Dx, VOCs, SVOCs, Metals		
						GP-22-15:GW	Water	--	Gx, Dx, VOCs, Metals		
GP-23	2075220050	Bish	8/19/2015	11.5	Not Observed	GP-23-15:0.5	Soil	0.5	Gx, Dx, VOCs, SVOCs, Metals	PCBs	Pb
						GP-23-15:5	Soil	5			
						GP-23-15:10	Soil	10	Gx, Dx, VOCs, SVOCs, Metals		

Notes:
-- = not applicable
Cr = Chromium
Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
ft = feet
Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
Metals = analysis for metals by U.S. Environmental Protection Agency (EPA) methods 6000/7000/200 series
PAHs = analysis for polycyclic aromatic hydrocarbons by EPA method 8270D Selective Ion Monitoring (SIM)
Pb = Lead
PCBs = analysis for polychlorinated biphenyls by EPA method 8082A
SVOCs = analysis for semi-volatile organic compounds by EPA method 8270D SIM
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by EPA method 1311/ 6010C
VOCs = analysis for volatile organic compounds by EPA method 8260B

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075200011 (FHS PARKING LOT)

Parameter	Method	MTCA Method A Soil Cleanup Levels (1996), mg/kg		MTCA Method B Soil Cleanup Levels (2015), mg/kg		GP-10 8/19/15			GP-11 8/19/15			
		Unrestricted	Industrial	Non Cancer	Cancer	0.5 ft	6 ft	13 ft	0.5 ft	6 ft	13.5 ft	(DUP) 13.5 ft
Petroleum Hydrocarbons												
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 7.9	--	< 4.6	< 4.9	--	< 5.3	< 4.4
Diesel-Range	NWTPH-Dx	200	200	NE	NE	**370**	33	29	< 28	< 30	< 32	< 28
Oil-Range		200	200	NE	NE	**870**	< 65	< 58	< 55	< 59	**350**	< 56
Metals												
Arsenic	EPA 6010C/7471B	20	200	24	0.67	< 13	--	< 12	< 11	--	< 13	< 11
Barium		NE	NE	16,000	NE	**1100**	--	**60**	**75**	--	**150**	**55**
Cadmium		2	10	80	NE	< 0.64	--	< 0.58	< 0.55	--	< 0.64	< 0.56
Chromium[A]		100	500	120,000	NE	**18 (J)**	--	**46 (J)**	**41 (J)**	--	**150 (J)**	**26**
Chromium[A,B] - TCLP	EPA 1311/ 6010C	--	--	--	--	--	--	--	--	--	**0.020**	--
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	**8.0**	--	< 5.8	**28**	--	< 6.4	< 5.6
Mercury	EPA 6010C/7471B	1	1	NE	NE	< 0.32	--	< 0.29	< 0.28	--	< 0.32	< 0.28
Selenium		NE	NE	400	NE	< 13	--	< 12	< 11	--	< 13	< 11
Silver		NE	NE	400	NE	< 1.3	--	< 1.2	< 1.1	--	< 1.3	< 1.1
Detected VOCs												
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.015	--	< 0.0062	< 0.0095	**0.0078**	**0.021**	< 0.0076
Carbon Disulfide		NE	NE	8,000	NE	**0.0045**	--	**0.0025**	< 0.00095	< 0.00068	**0.0013**	**0.00096**
2-Butanone		NE	NE	48,000	NE	< 0.0077	--	< 0.0031	< 0.0048	< 0.0034	< 0.0047	< 0.0038
All other VOCs		NA	NA	NA	NA	< RL	--	< RL	< RL	< RL	< RL	< RL
Detected SVOCs and/or PAHs												
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	**1.2**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
2-Methylnaphthalene				320	NE	**0.52**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
1-Methylnaphthalene				5,600	34.48	**0.40**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Acenaphthylene		NE	NE	NE	NE	**0.99**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Acenaphthene		NE	NE	4,800	NE	**0.12**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.43	< 0.044	< 0.038	< 0.037	--	< 0.043	< 0.037
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	**0.72**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Phenanthrene		NE	NE	NE	NE	**9.2**	< 0.0087	< 0.0077	**0.0085**	--	< 0.0085	< 0.0075
Anthracene		NE	NE	24,000	NE	**2.4**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Fluoranthene		NE	NE	3,200	NE	**21**	< 0.0087	< 0.0077	**0.026**	--	< 0.0085	< 0.0075
Pyrene		NE	NE	2,400	NE	**24**	**0.0098**	< 0.0077	**0.029**	--	**0.011**	< 0.0075
Benzo(a)anthracene		NE	NE	NE	1.37	**11**	< 0.0087	< 0.0077	**0.020**	--	< 0.0085	< 0.0075
Chrysene		NE	NE	NE	136.99	**11**	< 0.0087	< 0.0077	**0.020**	--	< 0.0085	< 0.0075
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.43	< 0.044	< 0.038	< 0.037	--	< 0.043	< 0.037
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	**12**	< 0.0087	< 0.0077	**0.019**	--	< 0.0085	< 0.0075
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	**4.3**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Benzo(a)pyrene		NE	NE	NE	0.14	**11**	< 0.0087	< 0.0077	**0.021**	--	< 0.0085	< 0.0075
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	**6.0**	< 0.0087	< 0.0077	**0.011**	--	< 0.0085	< 0.0075
Dibenz(a,h)anthracene		NE	NE	NE	0.14	**1.7**	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Benzo(g,h,i)perylene		NE	NE	NE	NE	**6.6**	< 0.0087	< 0.0077	**0.010**	--	< 0.0085	< 0.0075
All other SVOCs/PAHs		NA	NA	NA	NA	NE	NE	< RL	< RL	--	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	**15**	< RL	< RL	**0.028**	--	< RL	< RL
PCBs												
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.064	< 0.050	--	--	--	< 0.064	--

Notes:
-- = not analyzed
< = parameter not detected above the method detection limit shown
[A] Screening criteria are for chromium (III)
[B] Dangerous Waste criteria for chromium is 1 milligrams per liter
(DUP) = duplicate Sample
EPA = US Environmental Protection Agency
ft = feet
(J) = estimated value following data quality review
mg/kg = milligram per killigram
MTCA = Model Toxics Control Act Cleanup Regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by EPA method 1311/ 6010C
VOCs = volatile organic compounds
Bold indicates parameter detected above method detection limits

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220011 (FHS WEST PARCEL)

Parameter	Method	MTCA Method A Soil Cleanup Levels (1996), mg/kg		MTCA Method B Soil Cleanup Levels (2015), mg/kg		GP-1 5/7/15 & 5/12/15			GP-2 5/12/15			GP-3 5/12/15			GP-4 5/8/15			GP-5 5/8/15			GP-6 5/8/15			GP-12 8/19/15			FHS-1 11/17/14			FHS-2 11/17/14	
		Unrestricted	Industrial	Non Cancer	Cancer	0.5 ft	5 ft	10 ft	0.5 ft	5 ft	10 ft	0.5 ft	5 ft	10 ft	1.2 ft	5 ft	10 ft	1.2 ft	5 ft	10 ft	1.2 ft	5 ft	10 ft	1.5 ft	6.0 ft	13 ft	1.5 ft	17.5 ft	20 ft	1.5 ft	20 ft
Petroleum Hydrocarbons																															
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	--	--	< 5.1	--	--	< 6.7	--	--	< 5.4	< 5.7	< 5.7	4.2	--	--	< 7.0	--	--	< 8.2	< 6.6	--	< 6.1	--	< 4.4	--	--	--
Diesel-Range	NWTPH-Dx	200	200	NE	NE	--	--	< 28	--	--	< 29	--	--	< 27	< 61	< 100	< 27	--	--	< 26	--	--	< 34	< 27	29	< 32	< 26	580	590	< 27	< 31
Oil-Range		200	200	NE	NE	--	--	< 55	--	--	< 58	--	--	< 54	460	690	89	--	--	< 52	--	--	< 69	200	88	< 63	< 52	260	260	< 53	< 61
Metals																															
Arsenic	EPA 6010C/7471B	20	200	24	0.67	--	--	< 11	--	--	< 12	--	--	< 11	< 11	< 11	< 11	--	--	< 10	--	--	< 14	< 11	--	< 13	< 10	< 11	< 12	< 11	< 12
Barium		NE	NE	16,000	NE	--	--	33	--	--	54	--	--	48	54	100	59	--	--	30	--	--	110	72	--	71	55	53	37	56	43
Cadmium		2	10	80	NE	--	--	< 0.55	--	--	< 0.58	--	--	< 0.54	< 0.67	< 0.67	< 0.54	--	--	< 0.52	--	--	< 0.69	< 0.54	--	< 0.63	< 0.52	< 0.57	< 0.60	< 0.53	< 0.61
Chromium[A]		100	500	120,000	NE	--	--	23	--	--	29	--	--	25	21	21	29	--	--	16	--	--	31	22 (J)	--	25 (J)	25	26	28	27	24
Copper		NE	NE	3,200	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	55	--	--	--	--	--
Lead	EPA 6010C/7471B	250	1,000	NE	NE	--	--	12	--	--	< 5.8	--	--	< 5.4	15	85	26	--	--	< 5.2	--	--	< 6.9	15	--	< 6.3	< 5.2	23	6.2	< 5.3	6.3
Mercury	EPA 6010C/7471B	1	1	NE	NE	--	--	< 0.28	--	--	< 0.29	--	--	< 0.27	< 0.27	< 0.27	< 0.27	--	--	< 0.26	--	--	< 0.34	< 0.27	--	< 0.32	< 0.26	< 0.29	< 0.30	< 0.27	< 0.30
Nickel		NE	NE	880	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12	--	--	--	--	--
Selenium		NE	NE	400	NE	--	--	< 11	--	--	< 12	--	--	< 11	< 11	< 11	< 11	--	--	< 10	--	--	< 14	< 11	--	< 13	< 10	< 11	< 12	< 11	< 12
Silver		NE	NE	400	NE	--	--	< 1.1	--	--	< 1.2	--	--	< 1.1	< 1.1	< 1.1	< 1.1	--	--	< 1.0	--	--	< 1.4	< 1.1	--	< 1.3	< 1.0	< 1.1	< 1.2	< 1.1	< 1.2
Zinc		NE	NE	24,000	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	46	--	--	--	--	--
Detected VOCs																															
Acetone	EPA 8260C	NE	NE	72,000	NE	--	--	< 0.0087	--	--	< 0.0095	--	--	< 0.011	< 0.0062	< 0.0066	0.030	--	--	0.015	--	--	< 0.0071	< 0.0068	--	< 0.011	--	< 00047	--	--	--
Carbon Disulfide		NE	NE	8,000	NE	--	--	< 0.0011	--	--	< 0.0012	--	--	< 0.0013	< 0.00077	< 0.00083	< 0.0010	--	--	0.0012	--	--	< 0.00088	< 0.00068	--	0.0013	--	< 0.00050	--	--	--
2-Butanone		NE	NE	48,000	NE	--	--	< 0.0054	--	--	< 0.0060	--	--	< 0.0066	< 0.0039	< 0.0041	< 0.0051	--	--	< 0.0045	--	--	< 0.0044	< 0.0034	--	< 0.0056	--	0.0029	--	--	--
All other VOCs		NA	NA	NA	NA	--	--	< RL	--	--	< RL	--	--	< RL	< RL	< RL	< RL	--	--	< RL	--	--	< RL	< RL	--	< RL	--	< RL	--	--	--
Detected SVOCs and/or PAHs																															
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.067	0.099	0.022	--	--	< 0.0069	--	--	< 0.0091	0.014	--	< 0.0084	< 0.0070	0.032	0.043	< 0.0071	0.010
2-Methylnaphthalene				320	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	< 0.036	0.073	0.026	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	0.060	0.075	< 0.0071	< 0.0081
1-Methylnaphthalene				5,600	34.48	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	< 0.036	0.061	0.018	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	0.29	0.60	< 0.0071	< 0.0081
Acenaphthylene		NE	NE	NE	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	< 0.036	0.12	< 0.0072	--	--	< 0.0069	--	--	< 0.0091	0.014	--	< 0.0084	< 0.0070	0.017	0.046	< 0.0071	< 0.0081
Acenaphthene		NE	NE	4,800	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.056	< 0.036	< 0.0072	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	0.031	0.093	< 0.0071	< 0.0081
Dibenzofuran	EPA 8270D	NE	NE	80	NE	--	--	< 0.037	--	--	< 0.039	--	--	< 0.036	< 0.18	< 0.18	< 0.036	--	--	< 0.035	--	--	< 0.046	< 0.36	--	< 0.042	--	--	--	--	--
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.057	0.072	< 0.0072	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	0.085	0.29	< 0.0071	< 0.0081
Phenanthrene		NE	NE	NE	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.60	0.62	0.057	--	--	< 0.0069	--	--	< 0.0091	0.041	--	< 0.0084	< 0.0070	0.09	0.15	< 0.0071	0.011
Anthracene		NE	NE	24,000	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.16	0.14	0.018	--	--	< 0.0069	--	--	< 0.0091	0.026	--	< 0.0084	< 0.0070	0.019	0.034	< 0.0071	< 0.0081
Fluoranthene		NE	NE	3,200	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.68	0.37	0.10	--	--	< 0.0069	--	--	< 0.0091	0.039	--	< 0.0084	< 0.0070	0.049	0.018	< 0.0071	0.013
Pyrene		NE	NE	2,400	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	1.3	0.46	0.097	--	--	< 0.0069	--	--	< 0.0091	0.041	--	< 0.0084	< 0.0070	0.044	0.019	< 0.0071	0.012
Benzo(a)anthracene		NE	NE	NE	1.37	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.57	0.20	0.059	--	--	< 0.0069	--	--	< 0.0091	0.024	--	< 0.0084	< 0.0070	0.026	< 0.016	< 0.0071	< 0.0081
Chrysene		NE	NE	NE	136.99	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.59	0.20	0.069	--	--	< 0.0069	--	--	< 0.0091	0.027	--	< 0.0084	< 0.0070	0.035	< 0.016	< 0.0071	0.012
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	--	--	< 0.037	--	--	< 0.039	--	--	< 0.036	5.0	< 0.18	< 0.036	--	--	< 0.035	--	--	< 0.046	< 0.36	--	<0.042	--	--	--	--	--
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.71	0.21	0.090	--	--	< 0.0069	--	--	< 0.0091	0.023	--	< 0.0084	< 0.0070	0.028	< 0.016	< 0.0071	0.0092
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.20	0.059	0.038	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	0.019	< 0.016	< 0.0071	< 0.0081
Benzo(a)pyrene		1	20	NE	0.14	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.55	0.16	0.066	--	--	< 0.0069	--	--	< 0.0091	0.021	--	< 0.0084	< 0.0070	0.026	< 0.016	< 0.0071	< 0.0081
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.25	0.086	0.039	--	--	< 0.0069	--	--	< 0.0091	0.022	--	< 0.0084	< 0.0070	0.015	< 0.016	< 0.0071	< 0.0081
Dibenz(a,h)anthracene		NE	NE	NE	0.14	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.097	< 0.036	0.0096	--	--	< 0.0069	--	--	< 0.0091	< 0.014	--	< 0.0084	< 0.0070	< 0.0076	< 0.016	< 0.0071	< 0.0081
Benzo(g,h,i)perylene		NE	NE	NE	NE	--	--	< 0.0073	--	--	< 0.0077	--	--	< 0.0072	0.32	0.11	0.050	--	--	< 0.0069	--	--	< 0.0091	0.028	--	< 0.0084	< 0.0070	0.018	< 0.016	< 0.0071	< 0.0081
All other SVOCs/PAHs		NA	NA	NA	NA	--	--	< RL	--	--	< RL	--	--	< RL	< RL	< RL	< RL	--	--	< RL	--	--	< RL	< RL	--	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	--	--	< RL	--	--	< RL	--	--	< RL	0.77	0.22	0.093	--	--	< RL	--	--	< RL	0.032	--	< RL	< RL	0.037	< RL	< RL	0.0079
PCBs																															
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	--	--	--	--	--	--	--	--	--	< RL	< RL	< RL	--	--	--	--	--	--	< 0.054	< 0.057	--	--	--	--	--	--

Notes:
-- = not analyzed
<= parameter not detected above the method detection limit shown
[A] Screening criteria are for chromium (III).
[B] Dangerous Waste criteria for chromium is 1 milligrams per liter
[C] Dangerous Waste criteria for chromium is 1 milligrams per liter
EPA = US Environmental Protection Agency
ft = feet
(J) = estimated value following data quality review
mg/kg = milligram per killigram
MTCA = Model Toxics Control Act Cleanup Regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075240011 (FHS CENTER PARCEL)

Parameter	Method	MTCA Method A Soil Cleanup Levels (1996), mg/kg		MTCA Method B Soil Cleanup Levels, (2015) mg/kg		GP-13 8/20/15					GP-14 8/19/15				GP-15 8/20/15 & 8/21/15					GP-16 8/19/15			
		Unrestricted	Industrial	Non Cancer	Cancer	1 ft	6 ft	(DUP) 6 ft	15 ft	20 ft	1.0 ft	6 ft	15 ft	20 ft	0.5 ft	10 ft	20 ft	25 ft	(DUP) 25 ft	1.0 ft	10 ft	20 ft	40 ft
Petroleum Hydrocarbons																							
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 5.7	< 5.2	4.2	< 4.0	< 8.0	< 5.4	< 6.5	< 5.1	< 5.3	< 5.4	< 4.6	< 4.7	< 6.0	< 5.2	< 5.1	< 5.4	< 6.1	< 6.6
Diesel-Range	NWTPH-Dx	200	200	NE	NE	130	< 27	< 27	< 26	< 33	< 27	< 28	< 26	< 26	< 26	< 28	< 28	< 30	< 31	< 26	< 28	< 28	< 30
Oil-Range		200	200	NE	NE	**1600**	**150**	< 54	< 53	< 65	< 53	< 57	52	66	**380**	< 56	< 57	< 60	< 61	< 53	< 56	< 55	85
Metals																							
Arsenic		20	200	24	0.67	< 11	< 11	< 11	< 11	< 13	< 11	< 11	< 10	< 10	< 10	< 11	< 11	< 12	< 12	< 11	< 11	< 11	< 12
Barium	EPA 6010C/7471B	NE	NE	16,000	NE	**130**	**43**	**60**	**40**	**100**	**58**	**63**	**22**	**17**	**43**	**65**	**55**	**48**	**58**	**37**	**51**	**49**	**53**
Cadmium		2	2	80	NE	< 0.54	< 0.55	< 0.54	< 0.53	< 0.65	< 0.53	< 0.57	< 0.52	< 0.52	< 0.52	< 0.56	< 0.57	< 0.60	< 0.61	< 0.53	< 0.56	< 0.55	< 0.60
Chromium[A]		100	500	120,000	NE	**40**	**28**	**33**	**25**	**19**	**27**	**28**	**15**	**10**	**9.8**	**43**	**43**	**36**	**41**	**17**	**31**	**27**	**25**
Copper		NE	NE	3,200	NE	--	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	EPA 6010C/7471B	250	1,000	NE	NE	**6.8**	< 5.5	< 5.4	< 5.3	< 6.5	**5.8**	**32**	< 5.2	< 5.2	< 5.2	< 5.6	< 5.7	< 6.0	< 6.1	< 5.3	< 5.6	< 5.5	< 6.0
Mercury		1	1	NE	NE	< 0.27	< 0.27	< 0.27	< 0.26	< 0.33	< 0.27	< 0.28	< 0.26	< 0.26	< 0.26	< 0.28	< 0.28	< 0.30	< 0.31	< 0.26	< 0.28	< 0.28	< 0.30
Nickel		NE	NE	880	NE	--	--	--	**20**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	EPA 6010C/7471B	NE	NE	400	NE	< 11	< 11	< 11	< 11	< 13	< 11	< 11	< 10	< 10	< 10	< 11	< 11	< 12	< 12	< 11	< 11	< 11	< 12
Silver		NE	NE	400	NE	< 1.1	< 1.1	< 1.1	< 1.1	< 1.3	< 1.1	< 1.1	< 1.0	< 1.0	**3.3**	< 1.1	< 1.1	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
Zinc		NE	NE	24,000	NE	--	--	--	**28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Detected VOCs																							
Acetone		NE	NE	72,000	NE	< 0.0047	< 0.0044	< 0.0040	< 0.0039	< 0.010	< 0.0047	**0.021**	< 0.0070	< 0.0062	< 0.0035	< 0.0040	< 0.0037	< 0.0052	< 0.0032	< 0.0062	< 0.0044	< 0.0064	< 0.0060
Carbon Disulfide	EPA 8260C	NE	NE	8,000	NE	< 0.00094	< 0.00088	< 0.00079	< 0.00078	< 0.0020	< 0.00093	< 0.0012	< 0.0014	< 0.0012	< 0.00071	< 0.00079	< 0.00074	< 0.0010	< 0.00065	< 0.0012	< 0.00087	< 0.0013	< 0.0012
2-Butanone		NE	NE	48,000	NE	< 0.0047	< 0.0044	< 0.0040	< 0.0039	< 0.010	< 0.0047	< 0.0062	< 0.0070	< 0.0062	< 0.0035	< 0.0040	< 0.0037	< 0.0052	< 0.0032	< 0.0062	< 0.0044	< 0.0064	< 0.0060
All other VOCs		NA	NA	NA	NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
Detected SVOCs and/or PAHs																							
Naphthalene		NE	NE	1,600	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.098**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
2-Methylnaphthalene	EPA 8270D SIM			320	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.071**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
1-Methylnaphthalene				5,600	34.48	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.045**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Acenaphthylene		NE	NE	NE	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.055**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Acenaphthene		NE	NE	4,800	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.014**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.36	< 0.036	< 0.036	< 0.035	< 0.043	< 0.36	**0.042**	< 0.035	< 0.034	< 0.17	< 0.037	< 0.038	< 0.040	< 0.041	< 0.035	< 0.038	< 0.037	< 0.040
Fluorene		NE	NE	3,200	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.028**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Phenanthrene		NE	NE	NE	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.33**	< 0.0070	< 0.0069	**0.012**	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Anthracene		NE	NE	24,000	NE	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.17**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	**0.061**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**4.7**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Pyrene		NE	NE	2,400	NE	**0.070**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**3.7**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	**0.011**
Benzo(a)anthracene		NE	NE	NE	1.37	**0.054**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**2.1**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Chrysene		NE	NE	NE	136.99	**0.052**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	**0.046**	**3.0**	< 0.0070	< 0.0069	**0.014**	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.36	< 0.036	< 0.036	**0.046**	< 0.043	< 0.36	< 0.038	< 0.035	< 0.034	< 0.17	< 0.037	< 0.038	< 0.040	< 0.041	< 0.035	< 0.038	< 0.037	< 0.040
Benzo(b)fluoranthene		NE	NE	NE	1.37	**0.066**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**2.0**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.74**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Benzo(a)pyrene		1	20	NE	0.14	**0.051**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.87**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Indeno(1,2,3-cd)pyrene	EPA 8270D SIM	NE	NE	NE	1.37	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.36**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.036	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.11**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
Benzo(g,h,i)perylene		NE	NE	NE	NE	**0.049**	< 0.0073	< 0.0072	< 0.0070	< 0.0087	< 0.036	**0.30**	< 0.0070	< 0.0069	< 0.0070	< 0.0074	< 0.0075	< 0.0081	< 0.0081	< 0.0070	< 0.0075	< 0.0074	< 0.0080
All other SVOCs/PAHs		NA	NA	NA	NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	**0.074**	< RL	< RL	< RL	< RL	**0.033**	**1.5**	< RL	< RL	**0.0064**	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
PCBs																							
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.027	< 0.027	< 0.027	--	--	--	--	--	< 0.052	< 0.026	--	--	--	--	--	--	--	< 0.060

Notes:
-- = not analyzed
< = parameter not detected above the method detection limit shown
[A] Screening criteria are for chromium (III)
[C] Dangerous Waste criteria for chromium is 1 milligrams per liter
(DUP) = duplicate Sample
EPA = US Environmental Protection Agency
ft = feet
mg/kg = milligram per killigram
MTCA = Model Toxics Control Act Cleanup Regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075240013 (FHS EAST PARCEL)

Parameter	Method	MTCA Method A Soil Cleanup Levels (1996), mg/kg		MTCA Method B Soil Cleanup Levels (2015), mg/kg		GP-17 8/21/15		GP-19 8/21/15			GP-20 8/21/15				
		Unrestricted	Industrial	Non Cancer	Cancer	8 ft	17 ft	0.5 ft	8 ft	17 ft	0.5 ft	8 ft	17 ft	(DUP) 17 ft	25 ft
Petroleum Hydrocarbons															
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 4.3	< 5.0	4.6	< 5.8	< 4.6	< 4.5	< 5.0	< 6.6	< 7.5	< 11
Diesel-Range	NWTPH-Dx	200	200	NE	NE	27	31	510	< 31	< 28	< 26	< 33	< 36	< 37	< 42
Oil-Range	NWTPH-Dx	200	200	NE	NE	84	62	4300	78	< 57	120	130	< 72	< 73	150
Metals															
Arsenic	EPA 6010C/7471B	20	200	24	0.67	< 11	< 12	< 10	< 13	< 11	< 10	< 13	< 14	< 15	< 17
Barium		NE	NE	16,000	NE	58	56	49	120	62	36	110	20	21	55
Cadmium		2	10	80	NE	< 0.54	< 0.62	0.51	< 0.63	< 0.57	< 0.52	< 0.66	< 0.72	< 0.73	< 0.84
Chromium[A]		100	500	120,000	NE	32	37	20	58	40	16	51	18	16	31
Copper		NE	NE	3,200	NE	17	--	--	--	--	19	--	--	--	--
Lead	EPA 6010C/7471B	250	1,000	NE	NE	< 5.4	< 6.2	< 5.1	< 6.3	< 5.7	18	66	< 7.2	< 7.3	48
Mercury	EPA 6010C/7471B	1	1	NE	NE	< 0.27	< 0.31	< 0.26	< 0.31	< 0.28	< 0.26	< 0.33	< 0.36	< 0.37	< 0.42
Nickel		NE	NE	880	NE	41	--	--	--	--	12	--	--	--	--
Selenium		NE	NE	400	NE	< 11	< 12	< 10	< 13	< 11	< 10	< 13	< 14	< 15	< 17
Silver		NE	NE	400	NE	< 1.1	< 1.2	< 1.0	< 1.3	< 1.1	< 1.0	< 1.3	< 1.4	< 1.5	< 1.7
Zinc		NE	NE	24,000	NE	37	--	--	--	--	52	--	--	--	--
Detected VOCs															
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0035	< 0.0046	0.015	0.046	< 0.0045	< 0.0040	0.030	0.038	0.058	0.094
Carbon Disulfide		NE	NE	8,000	NE	< 0.00071	< 0.00092	< 0.0011	< 0.0010	< 0.00089	< 0.00080	< 0.00063	0.0016	0.0039	0.0034
2-Butanone		NE	NE	48,000	NE	< 0.0035	< 0.0046	0.0065	0.010	< 0.0045	< 0.0040	0.0078	0.0097	0.018	0.028
p-Isopropyltoluene		NE	NE	NE	NE	< 0.00071	< 0.00092	< 0.0011	< 0.0010	< 0.00089	< 0.00080	0.0016	< 0.00077	< 0.00085	< 0.0010
All other VOCs		NA	NA	NA	NA	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
Detected SVOCs and/or PAHs															
(3+4)-Methylphenol (m,p-Cresol	EPA 8270D	NE	NE	NE	NE	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	0.053	< 0.048	< 0.049	< 0.056
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	< 0.0072	< 0.0082	< 0.068	0.019	< 0.0075	0.017	0.22	< 0.0096	< 0.0098	0.023
2-Methylnaphthalene				320	NE	< 0.0072	< 0.0082	0.079	0.0085	< 0.0075	0.011	0.11	< 0.0096	< 0.0098	0.011
1-Methylnaphthalene				5,600	34.48	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.0094	0.12	< 0.0096	< 0.0098	< 0.011
Acenaphthylene		NE	NE	NE	NE	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.040	0.036	< 0.0096	< 0.0098	< 0.011
Acenaphthene		NE	NE	4,800	NE	< 0.0072	< 0.0082	< 0.068	0.0087	< 0.0075	0.0083	0.068	< 0.0096	< 0.0098	< 0.011
4-Nitrophenol	EPA 8270D	NE	NE	NE	NE	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	< 0.044	< 0.048	0.049	< 0.056
Dibenzofuran		NE	NE	80	NE	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	0.054	< 0.048	< 0.049	< 0.056
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.017	0.055	< 0.0096	< 0.0098	< 0.011
Phenanthrene		NE	NE	NE	NE	< 0.0072	< 0.0082	0.17	0.024	< 0.0075	0.20	0.17	< 0.0096	< 0.0098	0.022
Anthracene		NE	NE	24,000	NE	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.096	0.059	< 0.0096	< 0.0098	< 0.011
Fluoranthene		NE	NE	3,200	NE	< 0.0072	< 0.0082	< 0.068	0.012	< 0.0075	0.32	0.078	< 0.0096	< 0.0098	0.041
Pyrene		NE	NE	2,400	NE	< 0.0072	< 0.0082	< 0.068	0.013	< 0.0075	0.36	0.083	< 0.0096	0.020	0.037
bis-2-Ethylhexyadipate	EPA 8270D	NE	NE	NE	NE	0.039	< 0.041	< 0.85	< 0.21	< 0.038	< 0.035	< 0.044	< 0.048	< 0.049	0.058
Benzo(a)anthracene	EPA 8270D SIM	NE	NE	NE	1.37	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.15	0.045	< 0.0096	< 0.0098	0.024
Chrysene		NE	NE	NE	136.99	< 0.0072	< 0.0082	0.19	0.011	< 0.0075	0.16	0.047	< 0.0096	< 0.0098	0.025
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.036	< 0.041	< 0.85	< 0.21	< 0.038	0.040	< 0.044	< 0.048	< 0.049	< 0.056
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.18	0.041	< 0.0096	< 0.0098	0.019
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.058	0.011	< 0.0096	< 0.0098	< 0.011
Benzo(a)pyrene		1	20	NE	0.14	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.16	0.037	< 0.0096	< 0.0098	0.013
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.10	0.025	< 0.0096	< 0.0098	< 0.011
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.0072	< 0.0082	< 0.068	< 0.0084	< 0.0075	0.021	< 0.0087	< 0.0096	< 0.0098	< 0.011
Benzo(g,h,i)perylene		NE	NE	NE	NE	< 0.0072	< 0.0082	0.07	< 0.0084	< 0.0075	0.11	0.029	< 0.0096	< 0.0098	< 0.011
All other SVOCs/PAHs		NA	NA	NA	NA	0.039	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		1	20	NA	NA	< RL	< RL	0.063	0.077	< RL	0.22	0.051	< RL	< RL	0.021
PCBs															
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.054	--	< 0.051	< 0.063	--	< 0.052	< 0.066	--	--	< 0.084

Notes:
-- = not analyzed
< = parameter not detected above the method detection limit shown
[A] Screening criteria are for chromium (III)
EPA = US Environmental Protection Agency
ft = feet
mg/kg = milligram per killigram
MTCA = Model Toxics Control Act cleanup regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion

TABLE 6
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220016 (SOUND TRANSIT ROW)

Parameter	Method	MTCA Method A Soil Cleanup Levels (2013), mg/kg		MTCA Method B Soil Cleanup Levels (2015), mg/kg		GP-7 5/7/15 & 5/12/15			GP-8 5/7/15 & 5/12/15			GP-9 5/7/15 & 5/12/15			GP-10 8/17/15 & 8/18/15				FHS-3 5/5/15		FHS-5 5/4/15
		Unrestricted	Industrial	Non Cancer	Cancer	0.5 ft	5 ft	16 ft	0.5 ft	5 ft	16.5 ft	0.5 ft	5 ft	18 ft	0.5 ft	5 ft	(DUP) 5 ft	10 ft	0.5 ft	13 ft	30 ft
Petroleum Hydrocarbons																					
Gasoline-Range	NWTPH-Gx	100/30	100/30	NE	NE	< 6.0	< 5.6	< 5.8	--	< 4.9	< 7.1	--	< 5.3	< 5.2	< 4.2	< 4.4	< 3.8	< 5.0	--	--	--
Diesel-Range	NWTPH Dx	2,000	2,000	NE	NE	< 90	< 37	< 28		31	31	--	26	< 26	< 57	< 27	< 25	< 29	< 28	< 31	< 29
Oil-Range		2,000	2,000	NE	NE	380	310	< 56	--	< 63	< 61	--	< 53	< 52	930	180	170	74	170	< 62	< 57
Metals																					
Arsenic	EPA 6010C/7471B	20	20	24	0.67	< 11	< 11	< 11	--	< 13	19	--	< 11	< 10	12	< 11	< 10	< 12	< 11	< 12	< 11
Barium		NE	NE	16,000	NE	65	42	35	--	78	36	--	52	42	64	96	81	68	54	44	19
Cadmium		2	2	80	NE	< 0.57	< 0.53	< 0.56	--	< 0.63	0.61	--	< 0.53	< 0.52	< 0.53	< 0.54	< 0.50	< 0.59	< 0.55	< 0.62	< 0.57
Chromium[A]		2,000	2,000	120,000	NE	27	23	20	--	31	17	--	30	16	30	61	39	48	19	22	7.4
Lead	EPA 6010C/7471B	250	1,000	NE	NE	67	12	< 5.6		< 6.3	6.1	--	< 5.3	< 5.2	120	11	9.1	8.1	40	< 6.2	< 5.7
Lead - TCLP[B]	EPA 1311/6010C	NE	NE	NE	NE	--	--	--	--	--	--	--	--	--	< 0.20	< 0.20	--	--	--	--	--
Mercury	EPA 6010C/7471B	2	2	NE	NE	< 0.29	< 0.26	< 0.28	--	< 0.31	< 0.31	--	0.26	< 0.26	< 0.26	< 0.27	< 0.25	< 0.29	< 0.28	< 0.31	< 0.28
Selenium		NE	NE	400	NE	< 11	< 11	< 11	--	< 13	< 12	--	< 11	< 10	< 11	< 11	< 10	< 12	< 11	< 12	< 11
Silver		NE	NE	400	NE	< 1.1	< 1.1	< 1.1	--	< 1.3	< 1.2	--	< 1.1	< 1.0	< 1.1	< 1.1	< 1.0	< 1.2	< 1.1	<1.2	< 1.1
Detected VOCs																					
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0084	0.015	< 0.013	--	< 0.012	< 0.0085	--	< 0.0074	< 0.0072	0.0490	0.0078	0.0058	< 0.0040	--	--	--
All other VOCs		NA	NA	NA	NA	< RL	< RL	< RL	--	< RL	< RL	--	RL	< RL	< RL	< RL	< RL	< RL	--	--	--
Detected SVOCs and/or PAHs																					
Naphthalene	EPA 8270D SIM	5	5	1,600	NE	0.21	< 0.0070	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.032	< 0.0072	< 0.0067	< 0.0078	0.012	< 0.0083	< 0.0076
2-Methylnaphthalene				320	NE	0.20	0.0094	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.023	< 0.0072	0.0093	0.011	0.010	< 0.0083	< 0.0076
1-Methylnaphthalene				5,600	34.48	0.15	0.013	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.012	< 0.0072	0.010	0.0091	< 0.0073	< 0.0083	< 0.0076
Acenaphthylene		NE	NE	NE	NE	0.20	0.029	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.083	< 0.0072	< 0.0067	< 0.0078	0.034	< 0.0083	< 0.0076
Acenaphthene		NE	NE	4,800	NE	0.87	0.11	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.011	< 0.0072	< 0.0067	< 0.0078	< 0.0073	< 0.0083	< 0.0076
Dibenzofuran	EPA 8270D	NE	NE	80	NE	0.37	0.072	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	< 0.035	< 0.036	< 0.033	< 0.039	--	--	--
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	0.51	0.11	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.015	< 0.0072	< 0.0067	< 0.0078	0.0085	< 0.0083	< 0.0076
Phenanthrene		NE	NE	NE	NE	1.8	0.51	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.15	0.010	0.0083	0.026	0.053	< 0.0083	< 0.0076
Anthracene		NE	NE	24,000	NE	0.64	0.12	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.48	0.013	0.021	0.0085	0.090	< 0.0083	< 0.0076
Carbazole	EPA 8270D	NE	NE	NE	NE	< 0.19	< 0.035	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	0.084	< 0.036	< 0.033	< 0.039	--	--	--
Di-n-butylphthalate		NE	NE	NE	NE	< 0.19	< 0.035	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	0.17	< 0.036	< 0.033	< 0.039	--	--	--
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	3.9	0.33	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.30	0.011	0.011	0.026	0.070	< 0.0083	< 0.0076
Pyrene		NE	NE	2,400	NE	3.2	0.23	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.23	0.010	0.021	0.027	0.065	< 0.0083	< 0.0076
Benzo(a)anthracene		NE	NE	NE	1.37	0.80	0.073	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.12	< 0.0072	0.0069	0.017	0.049	< 0.0083	< 0.0076
Chrysene		NE	NE	NE	136.99	0.99	0.093	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.27	0.0076	0.0096	0.015	0.057	< 0.0083	< 0.0076
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	0.70	0.11	< 0.037	--	< 0.042	< 0.041	--	< 0.035	< 0.035	0.045	< 0.036	< 0.033	< 0.039	--	--	--
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	0.83	0.096	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.43	0.012	0.017	0.017	0.11	< 0.0083	< 0.0076
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	0.20	0.043	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.086	< 0.0072	< 0.0067	< 0.0078	0.025	< 0.0083	< 0.0076
Benzo(a)pyrene		0.1	2	NE	0.14	0.34	0.046	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.099	< 0.0072	< 0.0067	0.012	0.051	< 0.0083	< 0.0076
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	0.21	0.043	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.030	0.0074	0.013	0.0092	0.048	< 0.0083	< 0.0076
Dibenz(a,h)anthracene		NE	NE	NE	0.14	0.069	0.015	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.052	< 0.0072	< 0.0067	< 0.0078	0.013	< 0.0083	< 0.0076
Benzo(g,h,i)perylene		NE	NE	NE	NE	0.22	0.053	< 0.0075	--	< 0.0083	< 0.0082	--	< 0.0070	< 0.0070	0.34	< 0.0072	0.013	0.0086	0.066	< 0.0083	< 0.0076
All other SVOCs/PAHs		NA	NA	NA	NA	< RL	< RL	< RL	--	< RL	< RL	--	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL	< RL
TEF-adjusted cPAHs		0.1	2	NA	NA	0.58	0.078	< RL	--	< RL	< RL	--	< RL	< RL	0.19	0.0078	0.0088	0.018	0.080	< RL	< RL
PCBs																					
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< RL	< RL	--	--	--	--	--	--	--	< 0.053	< 0.054	< 0.050	< 0.059	< RL	--	--

Notes:
-- = not analyzed
< = parameter not detected above the method detection limit shown
[A] Screening criteria are for chromium (III)
[B] Dangerous Waste criteria for chromium is 1 milligrams per liter
(DUP) = duplicate Sample
EPA = US Environmental Protection Agency
ft = feet
(J) = estimated value following data quality review
mg/kg = milligram per killigram
MTCA = Model Toxics Control Act Cleanup Regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by EPA method 1311/6010C
VOCs = volatile organic compounds
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion

TABLE 7
SUMMARY OF SOIL ANALYTICAL RESULTS
CITY OF TACOMA ROW

Parameter	Method	MTCA Method A Soil Cleanup Levels (2013), mg/kg		MTCA Method B Soil Cleanup Levels (2015), mg/kg		GP-21 8/17/15			
		Unrestricted	Industrial	Non Cancer	Cancer	0.5 ft	5 ft	10 ft	15 ft
Petroleum Hydrocarbons									
Gasoline-Range	NWTPH-Gx	100/30	100/30	NE	NE	< 3.8	--	--	< 5.3
Diesel-Range	NWTPH-Dx	2,000	2,000	NE	NE	< 27	--	--	< 30
Oil-Range		2,000	2,000	NE	NE	**88**	--	--	< 59
Metals									
Arsenic	EPA 6010C/7471B	20	20	24	0.67	< 11	--	--	< 12
Barium		NE	NE	16,000	NE	**65**	--	--	**69**
Cadmium		2	2	80	NE	< 0.55	--	--	< 0.59
Chromium[A]		2,000	2,000	120,000	NE	**38**	--	--	**40**
Lead	EPA 6010C/7471B	250	1,000	NE	NE	**31**	--	--	< 5.9
Mercury	EPA 6010C/7471B	2	2	NE	NE	**0.35**	--	--	< 0.30
Selenium		NE	NE	400	NE	< 11	--	--	< 12
Silver		NE	NE	400	NE	< 1.1	--	--	< 1.2
Detected VOCs									
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.0035	--	--	< 0.0055
Carbon Disulfide		NE	NE	8,000	NE	< 0.00071	--	--	< 0.0011
2-Butanone		NE	NE	48,000	NE	< 0.0035	--	--	< 0.0055
All other VOCs		NA	NA	NA	NA	< RL	--	--	< RL
Detected SVOCs and/or PAHs									
Naphthalene	EPA 8270D SIM	5	5	1,600	NE	< 0.0073	--	--	< 0.0079
2-Methylnaphthalene				320	NE	< 0.0073	--	--	< 0.0079
1-Methylnaphthalene				5,600	34.48	< 0.0073	--	--	< 0.0079
Acenaphthylene		NE	NE	NE	NE	< 0.0073	--	--	< 0.0079
Acenaphthene		NE	NE	4,800	NE	< 0.0073	--	--	< 0.0079
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.036	--	--	< 0.039
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	< 0.0073	--	--	< 0.0079
Phenanthrene		NE	NE	NE	NE	**0.038**	--	--	< 0.0079
Anthracene		NE	NE	24,000	NE	**0.014**	--	--	< 0.0079
Fluoranthene		NE	NE	3,200	NE	**0.042**	--	--	< 0.0079
Pyrene		NE	NE	2,400	NE	**0.050**	--	--	< 0.0079
Benzo(a)anthracene		NE	NE	NE	1.37	**0.022**	--	--	< 0.0079
Chrysene		NE	NE	NE	136.99	**0.024**	--	--	< 0.0079
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	**0.93**	--	--	< 0.039
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	**0.026**	--	--	< 0.0079
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	**0.0090**	--	--	< 0.0079
Benzo(a)pyrene		0.1	2	NE	0.14	**0.019**	--	--	< 0.0079
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	**0.016**	--	--	< 0.0079
Dibenz(a,h)anthracene		NE	NE	NE	0.14	< 0.0073	--	--	< 0.0079
Benzo(g,h,i)perylene		NE	NE	NE	NE	**0.016**	--	--	< 0.0079
All other SVOCs/PAHs		NA	NA	NA	NA	< RL	--	--	< RL
TEF-adjusted cPAHs		0.1	2	NA	NA	**0.028**	--	--	< RL
PCBs									
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.027	--	--	--

Notes:
-- = not analyzed
< = parameter not detected above the method detection limit shown
[A] Screening criteria are for chromium (III)
EPA = US Environmental Protection Agency
ft = feet
mg/kg = milligram per killigram
MTCA = Model Toxics Control Act cleanup regulation
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
Bold indicates parameter detected above method detection limits
Shaded cell indicates parameter detected above one or more screening criterion

SECOND PERIODIC REVIEW REPORT
FINAL

Freighthouse Square
Facility Site ID#: 1351
Cleanup Site ID#: 719

430 East 25th Street
Tacoma, Washington 98421

Southwest Regional Office

TOXICS CLEANUP PROGRAM

July 2017

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1.0 INTRODUCTION

This document is a review by the Washington State Department of Ecology (Ecology) of post-cleanup site conditions and monitoring data to assure that human health and the environment are being protected at the Freighthouse Square (Site). Cleanup at this Site was implemented under the Model Toxics Control Act (MTCA), Chapter 173-340 WAC. The first periodic review was conducted in March 2012 and this periodic review evaluates the period from April 2012 through April 2017.

Cleanup activities at this Site were completed under the Voluntary Cleanup Program. The cleanup actions resulted in residual concentrations of petroleum hydrocarbons, cadmium and lead exceeding MTCA Method A cleanup levels for groundwater. The MTCA Method A cleanup levels for soil are established under WAC 173-340-740(2). The MTCA Method A cleanup levels for groundwater are established under WAC 173-340-720(3). WAC 173-340-420 (2) requires that Ecology conduct a periodic review of a site every five years under the following conditions:

(a) Whenever the department conducts a cleanup action.
(b) Whenever the department approves a cleanup action under an order, agreed order or consent decree.
(c) Or, as resources permit, whenever the department issues a no further action opinion and one of the following conditions exists:

    1. Institutional controls or financial assurance are required as part of the cleanup.
    2. Where the cleanup level is based on a practical quantitation limit.
    3. Where, in the department's judgment, modifications to the default equations or assumptions using site-specific information would significantly increase the concentration of hazardous substances remaining at the site after cleanup or the uncertainty in the ecological evaluation or the reliability of the cleanup action is such that additional review is necessary to assure long-term protection of human health and the environment.

When evaluating whether human health and the environment are being protected, the factors the department shall consider include [WAC 173-340-420(4)]:

(a) The effectiveness of ongoing or completed cleanup actions, including the effectiveness of engineered controls and institutional controls in limiting exposure to hazardous substances remaining at the Site.
(b) New scientific information for individual hazardous substances of mixtures present at the Site.
(c) New applicable state and federal laws for hazardous substances present at the Site.
(d) Current and projected Site use.
(e) Availability and practicability of higher preference technologies.
(f) The availability of improved analytical techniques to evaluate compliance with cleanup levels.

The department shall publish a notice of all periodic reviews in the Site Register and provide an opportunity for public comment.

2.0 SUMMARY OF SITE CONDITIONS

2.1 Site History

The Freighthouse Square property is located at 430 E 25th Street, Tacoma in Pierce County, Washington. Remedial activities were conducted at the Site under the Voluntary Cleanup Program. A No Further Action (NFA) determination was issued for the Site on June 27, 2003. A Restrictive Covenant was recorded for the property on July 29, 2003. Vicinity and Site maps are available as Appendix 6.1 and Appendix 6.2, respectively.

The Site occupies a three-block area bounded by East 25th Street to the North, East D Street to the West, Sound Transit and Tacoma Rail lines to the South, and East G Street to the East. Historically, the Site was occupied by West Coast Bottling Works, Olympic Ice and Machine Company, and Lundgren Dealer Supply. Olympic Ice and Machine Company occupied the Site in 1912 and likely stored and used diesel fuel and Bunker C oil for an industrial boiler in the facility.

In 1993, heavy petroleum hydrocarbon contamination was encountered by BP Construction, Inc. during excavation for the lower level of the Freighthouse Square building.

2.2 Cleanup Levels

MTCA Method A cleanup levels for unrestricted land use were used for the Site. Current MTCA Method A cleanup levels have changed significantly since remedial activities were conducted in 1993. However, WAC 173-340-702(12) (c) [2001 ed.] provides that,

"A release cleaned up under the cleanup levels determined in (a) or (b) of this subsection shall not be subject to further cleanup action due solely to subsequent amendments to the provision in this chapter on cleanup levels"

A NFA determination was issued for the Site in 2003. However, since the remedial actions were conducted in 1993, MTCA Method A cleanup levels prior to 2001 will be used to determine whether or not the remedial activities at the Site have been effective in protecting human health and the environment. Nonetheless, for the contaminants of concern, the current MTCA Method A cleanup levels are either unchanged or higher than the previous cleanup levels.

2.3 Summary of Cleanup Actions

In August 1993, heavy petroleum hydrocarbon contamination was encountered by BP Construction Inc. during excavation activities for the lower level of the new Freighthouse Square building. Small rectangular metal containers and pipes were found in fill material in the vicinity of contaminated soils. Six initial soil samples were analyzed for heavy petroleum hydrocarbons by WTPH-418.1, and three samples were analyzed for diesel and heavy petroleum hydrocarbons

by WTPH-D and WTPH-D extended. Sample results indicated the presence of heavy oil-range petroleum hydrocarbons (TPH-O) at concentrations exceeding MTCA Method A cleanup levels.

Remedial excavation was conducted prior to construction activities. Soil was screened for excavation using thin layer chromatography. TPH-O contaminated soil was excavated at the Site using a backhoe. The clean soil was segregated from contaminated soil and stored on visqueen prior to disposal. Approximately 12 cubic yards of contaminated soil were hauled in dump trucks to Rabanco Disposal Company in Seattle. A total of six post excavation soil samples were collected and the results were below MTCA Method A cleanup levels. However, some TPH-O contaminated soils may remain on the Site.

Table 1: Confirmation Soil Sample Results and Soil Cleanup Levels

Sample Number	Diesel (mg/kg) WTPH-D	>Diesel (mg/kg) WTPH-Dx	WTPH-418.1 (mg/kg)
S-4	NA	NA	ND
S-6/7	NA	16	150
S-11	NA	31	88
S-12	NA	NA	ND
S-16	NA	NA	35
S-21	ND	153	109
Cleanup Level	**200**	**200**	

NA: Not analyzed
ND: Non-detect
mg/kg: milligrams per kilogram

In addition, soil samples were also analyzed for metals. None of the metal concentrations exceeded MTCA Method A cleanup levels.

Table 2: Maximum Soil Metal Concentrations and Cleanup Levels

Contaminant	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)
Soil Sample Results	7.4	1.6	19	150
1996 MTCA Method A Cleanup Level	**20**	**2**	**100**	**250**
Current (2013) MTCA Method A Cleanup Level	**20**	**2**	**19/2,000***	**250**

Note: * chromium VI/chromium III

Grab samples of groundwater were also collected from the remedial excavation. These grab samples included sampling of sheens on the water surface and "black globs" suspended in

ground water. Laboratory results for these samples indicated TPH-O contamination that exceeded the Method A Groundwater Cleanup level of one (1) micrograms per liter (µg/L) at locations next to leaking buried containers and pipes. Cadmium (27 µg/L), chromium (260 µg/L) and lead (2700 µg/L) were also detected in groundwater from a grab sample collected from the excavation. These concentrations exceeded the MTCA Method A Groundwater Cleanup level of 5, 50 and 5 µg/L, respectively.

Table 3: Groundwater Grab Sample Results and Cleanup Levels

Contaminant	TPH-O (µg/L)	Cadmium (µg/L)	Chromium (µg/L)	Lead (µg/L)
Groundwater Sample Results	>1000	27	260	2700
1996 MTCA Method A Cleanup Levels	1000	5	50	5
Current (2013) MTCA Method A Cleanup Levels	500	5	50	15

Due to the heavy-oil nature of petroleum-oil contamination, the limited metals concentrations, and the groundwater is not being used as a drinking water source, it was determined that ground water contamination did not pose a significant threat to human health or the environment. The Site was deemed eligible for a NFA determination by Ecology if institutional controls were used to limit groundwater and property use.

2.4 Phase II Environmental Site Assessment – 2014 and 2015

During November 2014 and 2015, the Department of Transportation (DOT) hired Shannon and Wilson for conducting a Phase II Environmental Site Assessment (ESA) as part of Point Defiance Bypass Project to construct a new Tacoma Amtrak Cascades Station (TACS) on a portion of the property. Twelve geoprobe and fourteen auger borings were drilled at the Site and a total of 88 soil samples were collected at different depths for laboratory analysis. Out of 88 soil samples, only selected soil samples were analyzed for gasoline-diesel-and oil-range total petroleum hydrocarbons (TPH-G, TPH-D and TPH-O), volatile organic hydrocarbons (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), metals, and lead by Toxicity Characteristic Leaching Procedure (TCLP).). Results of soil samples indicated that carcinogenic PAHs (cPAHs: 0.58 mg/kg – 15 mg/kg) and TPH-O (4,300 mg/kg) concentrations exceeded both 1996 and current MTCA Method A cleanup levels as presented in Table 4.

In addition, a total of 11 groundwater samples were also collected for laboratory analysis. All samples were analyzed for TPH-G, TPH-D, TPH-O, total dissolved priority pollutant metals, semivolatile organic compounds (SVOCs), and volatile organic compounds. The dissolved arsenic concentration (7.5 µg/L – 13 µg/L) exceeded both 1996 and current MTCA Method A cleanup level of 5 µg/L. The TPH-D concentration of 670 µg/L did not exceed 1996 MTCA Method A cleanup level of 1000 µg/L; however, it exceeded the current MTCA Method A

cleanup level of 500 µg/L. Soil and groundwater sampling locations and results are available as Appendix 6.4.

Table 4: Soil and Groundwater Concentration Exceedances

Contaminant	Soil (mg/kg)	Groundwater (µg/L)	1996 MTCA Method A Cleanup Levels		Current MTCA Method A Cleanup Levels	
			Soil mg/kg	Groundwater µg/L	Soil mg/kg	Groundwater µg/L
TPH-D	4,300	670	200	1,000	2,000	500
cPAHs	0.58-15.0	ND	1.0	0.1	0.1	0.1
Arsenic	ND	7.5 to 13	20	5.0	20	5.0

In June 2016, the DOT demolished part of the Freighthouse Square structure/building and started the construction of a new TACS. This involved the removal of the existing footing and new excavation for the installation of a new foundation for building the TACS. Photos 4, 5, and 6, in Appendix 6.6 (Photo Log) shows the construction of the new TACS.

The DOT is in the process of acquiring a portion of the Freighthouse Square Property for the construction of a new TACS. Once the DOT legally owns the new TACS portion of the Property, Ecology will coordinate with DOT and the Owner of other portion the Property for recording Amended Restrictive Covenants implementing the restrictions on the soil and groundwater at the Site.

2.5 Restrictive Covenant

A Restrictive Covenant was recorded for the Site on July 29, 2003. The Restrictive Covenant imposes the following limitations:

Section 1: No groundwater may be taken for any use from the property.

Section 2: Any activity on the property that may interfere with the integrity of the remedial action and continued protection of human health and the environment is prohibited.

Section 3: Any activity on the Property that may result in the release or exposure to the environment of groundwater containing a hazardous substance that remains on the Property as part of the Remedial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.

Section 4: The owner of the property must give thirty (30) day advance written notice to Ecology of the owner's intent to convey any interest in the Property. No conveyance of

title, easement, lease, or other interest in the Property shall be consummated by the owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.

Section 5: The owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions on the use of the Property.

Section 6: The Owner must notify and obtain approval from Ecology prior to any use of the Property that may be inconsistent with the terms of this Restrictive Covenant. Ecology may approve any inconsistent use only after public notice and comment.

Section 7: The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action, to take samples, to inspect remedial actions conducted at the Property, and to inspect records that are related to the Remedial Action.

Section 8: The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force of effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for comment, concurs.

The Restrictive Covenant is available as Appendix 6.5.

3.0 FIVE-YEAR REVIEW

3.1 Effectiveness of completed cleanup actions

Cleanup actions at the Site were intended to eliminate human exposure to contaminated soils and groundwater. The exposure pathway to any remaining residual contaminated soils (ingestion, direct contact) has been reduced by the presence of asphalt surface and buildings on the Site, as well as the excavation conducted during the initial cleanup. Property restrictions imposed by a Restrictive Covenant were used to close this pathway.

The Site visit conducted on May 17, 2017 showed no indications of Site surface integrity being compromised. The Restrictive Covenant includes paved areas and a portion of the railroad corridor which is not paved. Overall all the asphalt/concrete pavements are in good or satisfactory conditions.

The groundwater with TPH-O, cadmium, and lead concentrations higher than MTCA Method A cleanup levels may still be present at the Site. The deed restriction, structures and asphalt surface prevent human exposure to soil and groundwater contamination by ingestion and direct contact.

The remedy implemented for this site remains protective of human health and the environment.

3.2 New scientific information for individual hazardous substances for mixtures present at the site.

There is no new relevant scientific information for the petroleum contaminants related to the Site.

3.3 New applicable state and federal laws for hazardous substances present at the Site

This cleanup is governed by Chapter 173-340 WAC (1996 ed.). This regulation was amended in 2001. Although TPH cleanup levels changed as a result of this modification, Site cleanup levels will not change. WAC 173-340-702(12) (c) [2001 ed.] provides that,

"A release cleaned up under the cleanup levels determined in (a) or (b) of this subsection shall not be subject to further cleanup action due solely to subsequent amendments to the provision in this chapter on cleanup levels, unless the department determines, on a case-by-case basis, that the previous cleanup action is no longer sufficiently protective of human health and the environment."

Although cleanup levels changed for lead and petroleum hydrocarbons as a result of modifications to MTCA in 2001, contamination remains at the Site above MTCA Method A cleanup levels and the cleanup action is still protective of human health and the environment.

3.4 Current and projected site use

The Site is currently used for commercial purposes. There have been no changes in current or projected future site or resource uses.

3.5 Availability and practicability of higher preference technologies

The remedy implemented included containment of hazardous substances and it continues to be protective of human health and the environment. While higher preference cleanup technologies may be available, they are still not practicable at this Site.

3.6 Availability of improved analytical techniques to evaluate compliance with cleanup levels.

The analytical methods used at the time of the remedial action were capable of detection below MTCA Method A cleanup levels. The presence of improved analytical techniques would not effect decisions or recommendations made for the Site.

4.0 CONCLUSIONS

- The remedial action conducted at the Site appears to be protective of human health and the environment.

- Some TPH-D, TPH-O and cPAHs soil cleanup levels have not been met at the Site; however, under WAC 173-340-740(6) (f), the cleanup action is determined to comply with cleanup standards, since the long-term integrity of the containment system is ensured and the requirements for containment technologies in have been met.

- The groundwater cleanup levels for TPH-O, arsenic, cadmium, chromium, mercury and lead may not have been met at the Site. However, the Freighthouse and other areas in the vicinity have the City Water Supply and it is extremely low probability that the Site groundwater will be used for drinking water purposes.

- The Restrictive Covenant for the property is in place and will be effective in protecting public health from exposure to hazardous substances and protecting the integrity of the cleanup action.

Based on this review, Ecology has determined that the remedial actions conducted at the Site continue to be protective of human health and the environment. The requirements of the Restrictive Covenant are being satisfactorily followed and no additional remedial actions are required at this time. It is the property owner's responsibility to continue to inspect the Site to assure that the limitations of the Restrictive Covenant are being followed and no new exposure pathways are created at the Site.

4.1 Next Review

The next review for the site will be scheduled five years from the date of this periodic review. In the event that additional cleanup actions or institutional controls are required, the next periodic review will be scheduled five years from the completion of those activities.

5.0 REFERENCES

Shannon and Wilson, Inc. September 15, 2015. Phase II Environmental Site Assessment and Remedial Cost Estimate, Freighthouse Square, Tacoma, Washington.

Engineering Geosciences, Inc. 1993. Site Remediation Report – Freighthouse Square.

Ecology. 2003. No Further Action Letter.

Ecology. 2003. Restrictive Covenant.

Ecology. May 17, 2017 Site Visit.

6.0 APPENDICIES

6.1 Vicinity Map

Site Vicinity Map

Scale 1:24000

Reference: USGS 7.5 Minute Series (Topographic) - Tacoma North and South Quadrangles, WA

Engineering Geosciences, Inc. 13419 NE 137th Place, Kirkland WA 98034 Tel: (206) 821-4929 Fax: (206) 821-4929	**Project and Location:** Freighthouse Square Site Tacoma, Washington **Project No.:** 0520293	**Figure** **1**

6.2 Site Plan

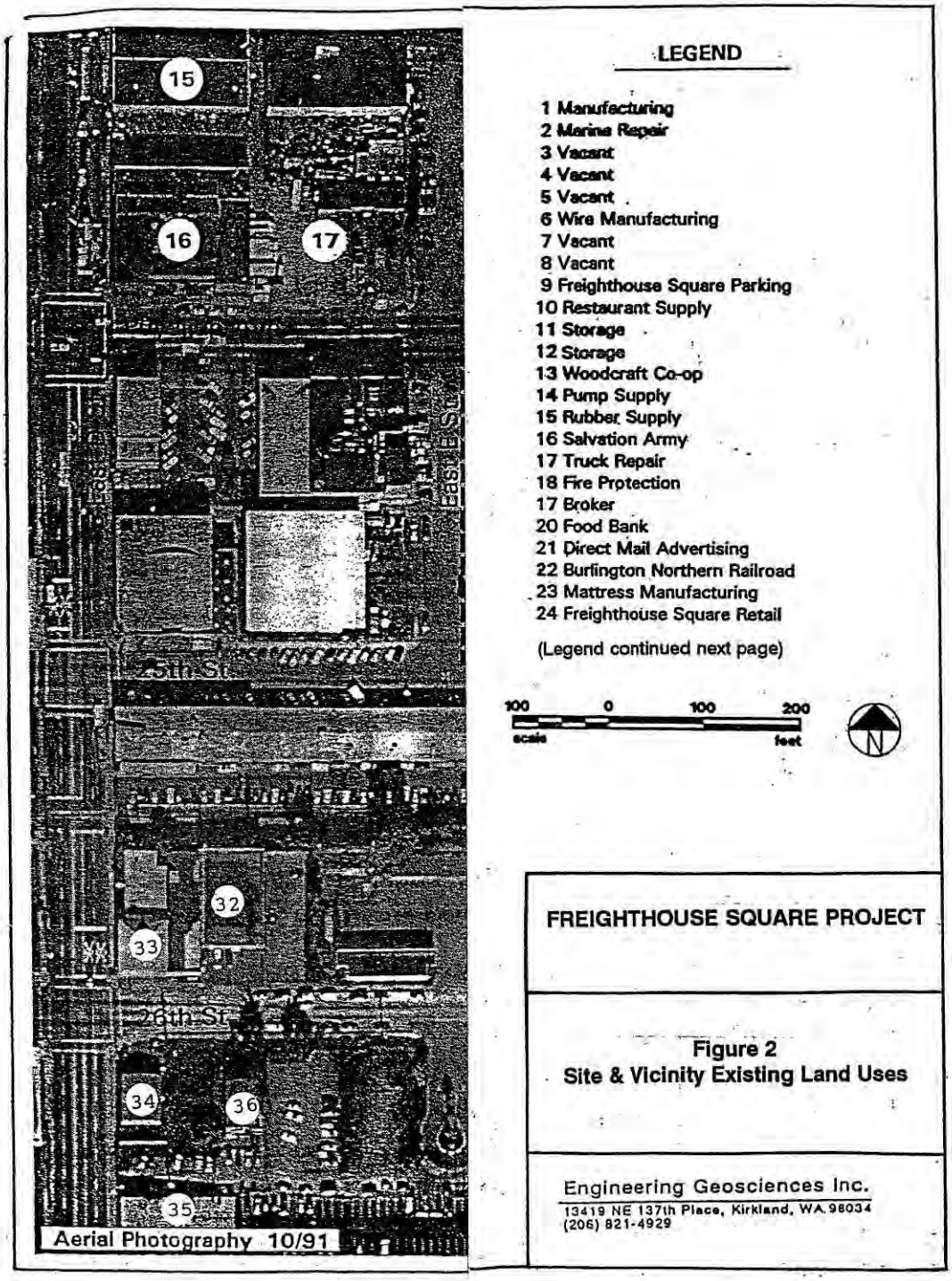
15
16
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26th St
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Aerial Photography 10/91
LEGEND
1 Manufacturing
2 Marine Repair
3 Vacant
4 Vacant
5 Vacant
6 Wire Manufacturing
7 Vacant
8 Vacant
9 Freighthouse Square Parking
10 Restaurant Supply
11 Storage
12 Storage
13 Woodcraft Co-op
14 Pump Supply
15 Rubber Supply
16 Salvation Army
17 Truck Repair
18 Fire Protection
17 Broker
20 Food Bank
21 Direct Mail Advertising
22 Burlington Northern Railroad
23 Mattress Manufacturing
24 Freighthouse Square Retail
(Legend continued next page)
100 0 100 200
scale feet
N
FREIGHTHOUSE SQUARE PROJECT
Figure 2
Site & Vicinity Existing Land Uses
Engineering Geosciences Inc.
13419 NE 137th Place, Kirkland, WA 98034
(206) 821-4929

6.3 Sampling Locations and Remediation Areas

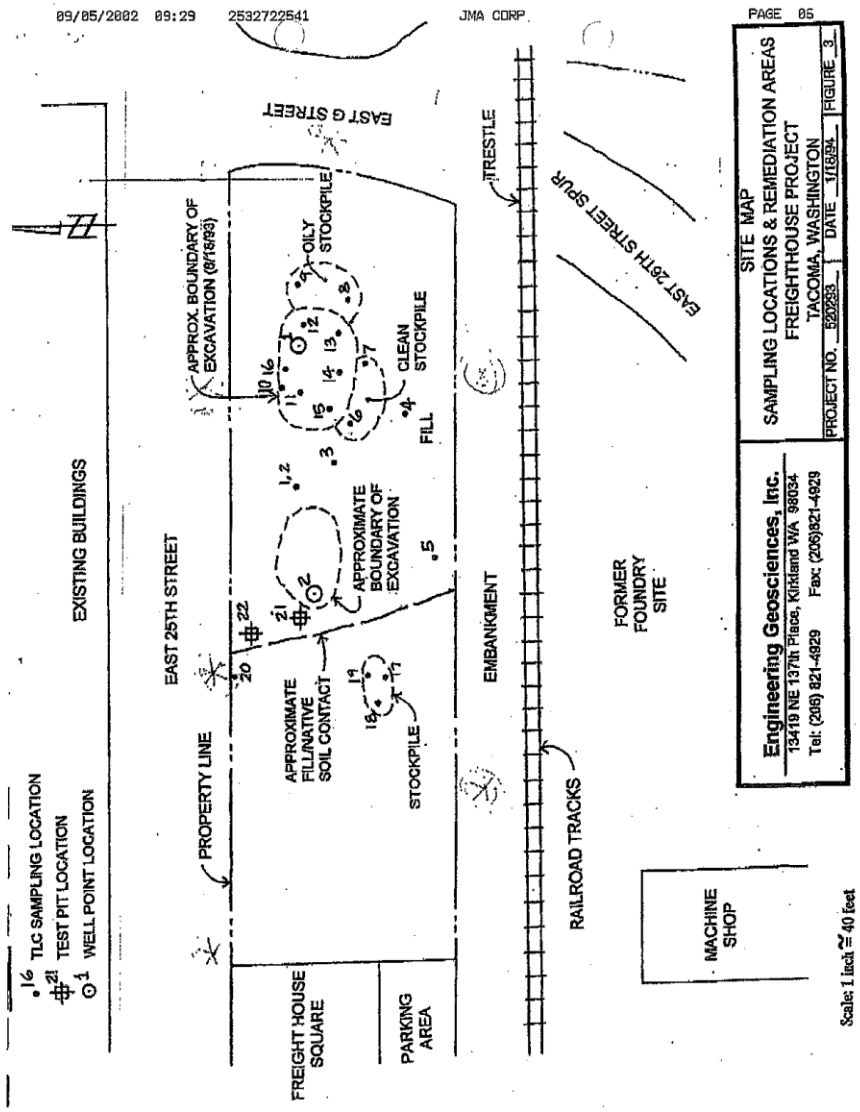

6.4 November 2014 and 2015 Phase II Environmental Site Assessment – Soil and Groundwater Sampling Locations and Results

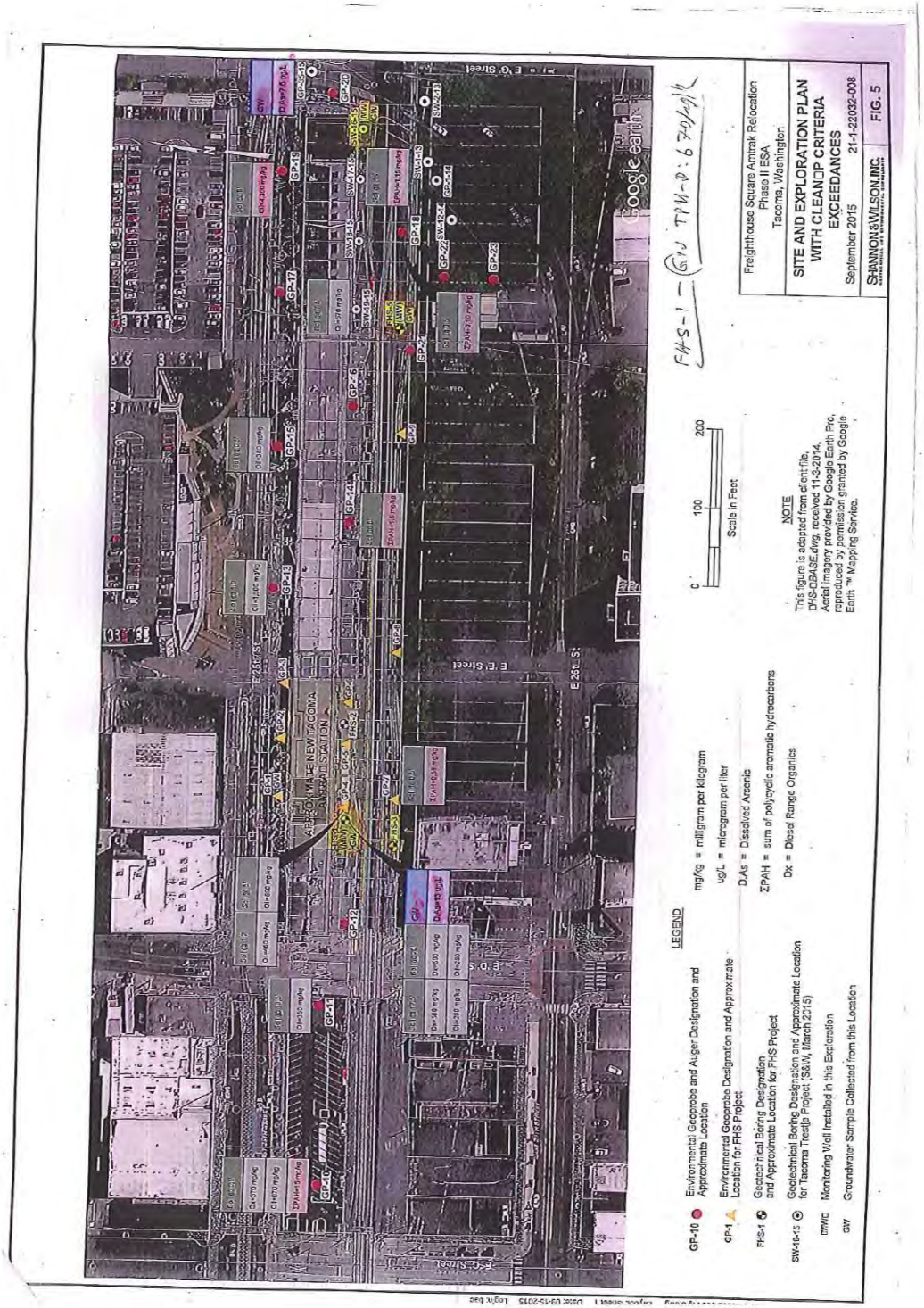

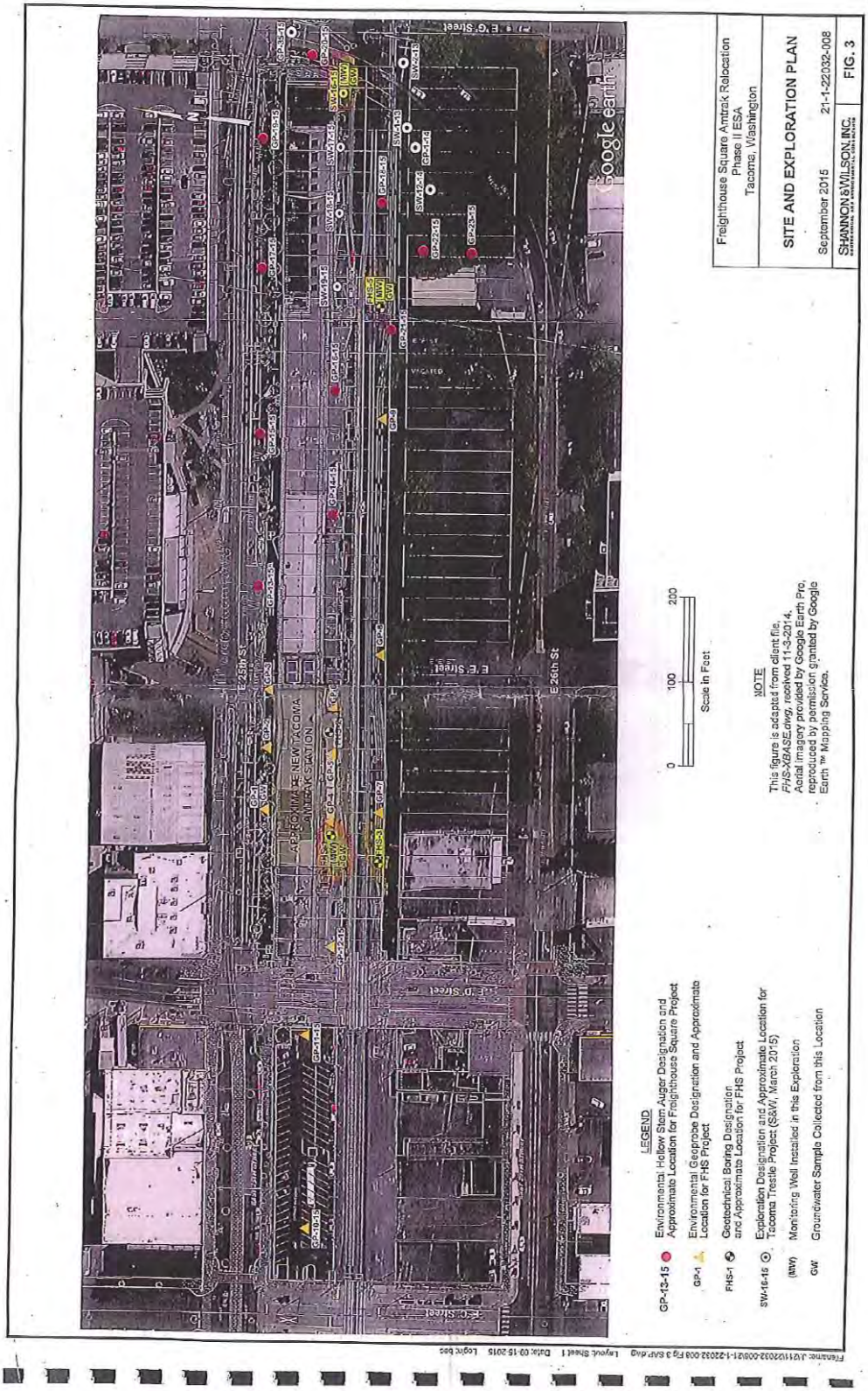
Freighthouse Square Amtrak Relocation
Phase II ESA
Tacoma, Washington
SITE AND EXPLORATION PLAN
September 2015
21-1-22032-008
SHANNON & WILSON, INC.
FIG. 3
LEGEND
GP-13-15 Environmental Hollow Stem Auger Designation and Approximate Location for Freighthouse Square Project
GP-1 Environmental Geoprobe Designation and Approximate Location for FHS Project
FHS-1 Geotechnical Boring Designation and Approximate Location for FHS Project
SW-16-18 Exploration Designation and Approximate Location for Tacoma Trestle Project (S&W, March 2015)
(MW) Monitoring Well Installed in this Exploration
GW Groundwater Sample Collected from this Location
0 100 200
Scale in Feet
NOTE
This figure is adapted from client file, FHS-XBASE.dwg, received 11-3-2014. Aerial imagery provided by Google Earth Pro, reproduced by permission granted by Google Earth™ Mapping Service.
E 25th St
E 26th St
E G Street
E F Street
D Street
Google earth

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075200011 (FHS PARKING LOT)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		GP-10 8/19/2015			GP-11 8/19/2015			
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	6 feet	13 feet	0.5 foot	6 feet	13.5 feet	(DUP) 13.5 feet
Petroleum Hydrocarbons												
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	< 7.9	--	< 4.6	< 4.9	--	< 5.3	< 4.4
Diesel-Range	NWTPH-Dx	200	200	NE	NE	370	< 33	< 29	< 28	< 30	< 32	< 28
Oil-Range	NWTPH-Dx	200	200	NE	NE	870	< 65	< 58	< 55	< 59	350	< 56
Metals												
Arsenic	EPA 6010C/7471B	20	200	24	0.67	< 13	--	< 12	< 11	--	< 13	< 11
Barium	EPA 6010C/7471B	NE	NE	16,000	NE	1100	--	60	75	--	150	55
Cadmium	EPA 6010C/7471B	2	10	80	NE	< 0.64	--	< 0.58	< 0.55	--	< 0.64	< 0.56
Chromium[A]	EPA 6010C/7471B	100	500	120,000	NE	18 (J)	--	46 (J)	41 (J)	--	150 (J)	26
Chromium[A,B] - TCLP	EPA 1311/ 6010C	--	--	--	--	--	--	--	--	--	0.020	--
Lead	EPA 6010C/ 7471B	250	1,000	NE	NE	8.0	--	< 5.8	28	--	< 6.4	< 5.6
Mercury	EPA 6010C/7471B	1	1	NE	NE	< 0.32	--	< 0.29	< 0.28	--	< 0.32	< 0.28
Selenium	EPA 6010C/7471B	NE	NE	400	NE	< 13	--	< 12	< 11	--	< 13	< 11
Silver	EPA 6010C/7471B	NE	NE	400	NE	< 1.3	--	< 1.2	< 1.1	--	< 1.3	< 1.1
Detected VOCs												
Acetone	EPA 8260C	NE	NE	72,000	NE	< 0.015	--	< 0.0062	< 0.0095	0.0078	0.021	< 0.0076
Carbon Disulfide	EPA 8260C	NE	NE	8,000	NE	0.0045	--	0.0025	< 0.00095	< 0.00068	0.0013	0.00096
2-Butanone	EPA 8260C	NE	NE	48,000	NE	< 0.0077	--	< 0.0031	< 0.0048	< 0.0034	< 0.0047	< 0.0038
All other VOCs	EPA 8260C	NA	NA	NA	NA	< RL	--	< RL	< RL	< RL	< RL	< RL
Detected SVOCs and/or PAHs												
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	1.2	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
2-Methylnaphthalene	EPA 8270D SIM	NE	NE	320	NE	0.52	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
1-Methylnaphthalene	EPA 8270D SIM	NE	NE	5,600	34.48	0.40	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Acenaphthylene	EPA 8270D SIM	NE	NE	NE	NE	0.99	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Acenaphthene	EPA 8270D SIM	NE	NE	4,800	NE	0.12	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Dibenzofuran	EPA 8270D	NE	NE	80	NE	< 0.43	< 0.044	< 0.038	< 0.037	--	< 0.043	< 0.037
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	0.72	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Phenanthrene	EPA 8270D SIM	NE	NE	NE	NE	9.2	< 0.0087	< 0.0077	0.0085	--	< 0.0085	< 0.0075
Anthracene	EPA 8270D SIM	NE	NE	24,000	NE	2.4	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	21	< 0.0087	< 0.0077	0.026	--	< 0.0085	< 0.0075
Pyrene	EPA 8270D SIM	NE	NE	2,400	NE	24	0.0098	< 0.0077	0.029	--	0.011	< 0.0075
Benzo(a)anthracene	EPA 8270D SIM	NE	NE	NE	1.37	11	< 0.0087	< 0.0077	0.020	--	< 0.0085	< 0.0075
Chrysene	EPA 8270D SIM	NE	NE	NE	136.99	11	< 0.0087	< 0.0077	0.020	--	< 0.0085	< 0.0075
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	< 0.43	< 0.044	< 0.038	< 0.037	--	< 0.043	< 0.037
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	12	< 0.0087	< 0.0077	0.019	--	< 0.0085	< 0.0075
Benzo(j,k)fluoranthene	EPA 8270D SIM	NE	NE	NE	13.7	4.3	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Benzo(a)pyrene	EPA 8270D SIM	NE	NE	NE	0.14	11	< 0.0087	< 0.0077	0.021	--	< 0.0085	< 0.0075
Indeno(1,2,3-cd)pyrene	EPA 8270D SIM	NE	NE	NE	1.37	6.0	< 0.0087	< 0.0077	0.011	--	< 0.0085	< 0.0075
Dibenz(a,h)anthracene	EPA 8270D SIM	NE	NE	NE	0.14	1.7	< 0.0087	< 0.0077	< 0.0074	--	< 0.0085	< 0.0075
Benzo(g,h,i)perylene	EPA 8270D SIM	NE	NE	NE	NE	6.6	< 0.0087	< 0.0077	0.010	--	< 0.0085	< 0.0075
All other SVOCs/PAHs	EPA 8270D SIM	NA	NA	NA	NA	NE	NE	< RL	< RL	--	< RL	< RL
TEF-adjusted cPAHs	EPA 8270D SIM	1	20	NA	NA	15	< RL	< RL	0.028	--	< RL	< RL
PCBs												
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	< 0.064	< 0.050	--	--	--	< 0.064	--

Notes:
[A] Screening criteria are for chromium (III)
[B] Dangerous Waste criteria for chromium is 1 milligram per liter
-- = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polynuclear aromatic hydrocarbons
DUP = duplicate sample
EPA = US Environmental Protection Agency
J = estimated value following data quality review
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits
SIM = Selective Ion Monitoring
TCLP = analysis for Toxicity Characteristic Leaching Procedure compounds by U.S. Environmental Protection Agency method 1311/ 6010C
TEF = toxicity equivalence factor
VOCs = volatile organic compounds

SHANNON & WILSON, INC.

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220011 (FHS WEST PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		GP-1 5/7/2015 & 5/12/2015			GP-2 5/12/2015			GP-3 5/12/2015			GP-4 5/8/2015			GP-5 5/8/2015			GP-6 5/8/2015			GP-12 8/19/2015			FHS-1 11/17/2014			FHS-2 11/17/2014	
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 feet	5 feet	10 feet	0.5 feet	5 feet	10 feet	0.5 feet	5 feet	10 feet	1.2 feet	5 feet	10 feet	1.2 feet	5 feet	10 feet	1.2 feet	5 feet	10 feet	1.5 feet	6.0 feet	13 feet	1.5 feet	17.5 feet	20 feet	1.5 feet	20 feet
Petroleum Hydrocarbons																															
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	–	–	<5.1	–	–	<6.7	–	–	<5.4	<5.7	<5.7	<4.2	–	–	<7.0	–	–	<8.2	<6.6	–	<6.1	–	<4.4	–	–	–
Diesel-Range	NWTPH-Dx	200	200	NE	NE	–	–	<23	–	–	<39	–	–	<27	<6	<100	<27	–	–	<26	–	–	<34	<27	29	<32	<26	580	590	<27	<21
Oil-Range		200	200	NE	NE	–	–	<55	–	–	<58	–	–	<54	468	690	89	–	–	<52	–	–	<69	200	88	<63	<52	240	260	<53	<61
Metals																															
Arsenic	EPA 6010C/7471D	20	200	26	0.67	–	–	<11	–	–	<12	–	–	<11	<11	<11	<11	–	–	<10	–	–	<14	<11	–	<13	<10	<11	<12	<11	<12
Barium		NE	NE	16,000	NE	–	–	33	–	–	54	–	–	48	54	100	59	–	–	39	–	–	110	72	–	71	55	53	37	56	43
Cadmium		2	10	80	NE	–	–	<0.55	–	–	<0.58	–	–	<0.54	<0.67	<0.67	<0.54	–	–	<0.52	–	–	<0.69	<0.56	–	<0.60	<0.52	<0.57	<0.60	<0.65	<0.61
Chromium*		100	500	120,000	NE	–	–	23	–	–	29	–	–	28	21	21	29	–	–	16	–	–	31	22 (J)	–	25 (J)	25	26	28	27	24
Copper		NE	NE	3,200	NE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	55	–	–	–	–	–
Lead	EPA 6010C/7421X	250	1,000	* NE	NE	–	–	32	–	–	<5.8	–	–	<5.4	15	85	26	–	–	<5.2	–	–	<6.9	15	–	<6.5	<5.2	23	6.2	<5.3	6.3
Mercury		1	1	NE	NE	–	–	<0.28	–	–	<0.29	–	–	<0.27	<0.27	<0.27	<0.27	–	–	<0.26	–	–	<0.34	<0.27	–	<0.32	<0.26	<0.29	<0.30	<0.27	<0.30
Nickel	EPA 6010C/7471D	NE	NE	800	NE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	12	–	–	–	–	–
Selenium		NE	NE	400	NE	–	–	<11	–	–	<12	–	–	<11	<11	<11	<11	–	–	<10	–	–	<14	<11	–	<13	<10	<11	<12	<11	<12
Silver		NE	NE	400	NE	–	–	<1.1	–	–	<1.2	–	–	<1.1	<1.1	<1.1	<1.1	–	–	<1.0	–	–	<1.4	<1.1	–	<1.3	<1.0	<1.1	<1.2	<1.1	<1.2
Zinc		NE	NE	24,000	NE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	46	–	–	–	–	–
Detected VOCs																															
Acetone	EPA 8260C	NE	NE	72,000	NE	–	–	<0.0087	–	–	<0.0095	–	–	<0.011	<0.0062	<0.0066	0.008	–	–	0.015	–	–	<0.0071	<0.0068	–	<0.011	–	<0.0047	–	–	–
Carbon Disulfide		NE	NE	8,000	NE	–	–	<0.0011	–	–	<0.0012	–	–	<0.0013	<0.00077	<0.00083	<0.0010	–	–	0.0012	–	–	<0.00088	<0.00068	–	0.0013	–	<0.00050	–	–	–
2-Butanone		NE	NE	48,000	NE	–	–	<0.0050	–	–	<0.0060	–	–	<0.0056	<0.0039	<0.0041	<0.0051	–	–	<0.0045	–	–	<0.0044	<0.0034	–	<0.0055	–	0.0029	–	–	–
All other VOCs		NA	NA	NA	NA	–	–	<RL	–	–	<RL	–	–	<RL	<RL	<RL	<RL	–	–	<RL	–	–	<RL	<RL	–	<RL	–	<RL	–	–	–
Detected SVOCs and/or PAHs																															
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.007	0.099	0.022	–	–	<0.0069	–	–	<0.0091	0.014	–	<0.0084	<0.0070	0.032	0.043	<0.0071	0.010
2-Methylnaphthalene				320	NE	2	–	<0.0073	–	–	<0.0077	–	–	<0.0072	<0.035	0.073	0.026	–	–	<0.0069	–	–	<0.0091	<0.014	–	<0.0084	<0.0070	0.060	0.075	<0.0071	<0.0081
1-Methylnaphthalene				5,600	34.48	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	<0.030	0.041	0.018	–	–	<0.0069	–	–	<0.0091	<0.014	–	<0.0084	<0.0070	0.29	0.60	<0.0071	<0.0081
Acenaphthylene		NE	NE	NE	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	<0.030	0.12	<0.0072	–	–	<0.0069	–	–	<0.0091	0.014	–	<0.0084	<0.0070	0.017	0.046	<0.0071	<0.0081
Acenaphthene		NE	NE	4,800	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.056	<0.036	<0.0072	–	–	<0.0069	–	–	<0.0091	<0.014	–	<0.0084	<0.0070	0.031	0.093	<0.0071	<0.0081
Dibenzofuran	EPA 8270D	NE	NE	80	NE	–	–	<0.037	–	–	<0.039	–	–	<0.036	<0.18	<0.18	<0.035	–	–	<0.035	–	–	<0.046	<0.36	–	<0.042	–	–	–	–	–
Fluorene		NE	NE	3,200	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.057	0.072	<0.0072	–	–	<0.0069	–	–	<0.0091	<0.014	–	<0.0084	<0.0070	0.385	0.29	<0.0071	<0.0081
Phenanthrene	EPA 8270D SIM	NE	NE	NE	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.68	0.62	0.057	–	–	<0.0069	–	–	<0.0091	0.041	–	<0.0084	<0.0070	0.69	0.15	<0.0071	0.011
Anthracene		NE	NE	24,000	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.16	0.14	0.018	–	–	<0.0069	–	–	<0.0091	0.026	–	<0.0084	<0.0070	0.019	0.034	<0.0071	<0.0081
Fluoranthene		NE	NE	3,200	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.68	0.37	0.10	–	–	<0.0069	–	–	<0.0091	0.039	–	<0.0084	<0.0070	0.049	0.018	<0.0071	0.013
Pyrene		NE	NE	2,400	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	1.3	0.46	0.097	–	–	<0.0069	–	–	<0.0091	0.041	–	<0.0084	<0.0070	0.046	0.019	<0.0071	0.012
Benzo(a)anthracene		NE	NE	NE	1.37	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.57	0.20	0.059	–	–	<0.0069	–	–	<0.0091	0.024	–	<0.0084	<0.0070	0.026	<0.016	<0.0071	0.0081
Chrysene		NE	NE	NE	136.99	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.59	0.20	0.060	–	–	<0.0069	–	–	<0.0091	0.027	–	<0.0084	<0.0070	0.035	<0.016	<0.0071	0.012
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	–	–	<0.037	–	–	<0.039	–	–	<0.036	5.8	<0.18	<0.036	–	–	<0.035	–	–	<0.046	<0.36	–	<0.042	–	–	–	–	–
Benzo(b)fluoranthene		NE	NE	NE	1.37	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.71	0.21	0.050	–	–	<0.0069	–	–	<0.0091	0.021	–	<0.0084	<0.0070	0.028	<0.016	<0.0071	0.0092
Benzo(k)fluoranthene		NE	NE	NE	13.7	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.29	0.059	0.038	–	–	<0.0069	–	–	<0.0091	<0.014	–	<0.0084	<0.0070	0.019	<0.016	<0.0071	<0.0081
Benzo(a)pyrene		1	20	NE	0.14	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.55	0.16	0.066	–	–	<0.0069	–	–	<0.0091	0.021	–	<0.0084	<0.0070	0.026	<0.016	<0.0071	<0.0081
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.25	0.086	0.039	–	–	<0.0069	–	–	<0.0091	0.022	–	<0.0084	<0.0070	0.015	<0.016	<0.0071	<0.0081
Dibenz(a,h)anthracene		NE	NE	NE	0.14	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.097	<0.036	0.0096	–	–	<0.0069	–	–	<0.0091	<0.014	–	<0.0084	<0.0070	<0.0076	<0.016	<0.0071	<0.0081
Benzo(g,h,i)perylene		NE	NE	NE	NE	–	–	<0.0073	–	–	<0.0077	–	–	<0.0072	0.22	0.11	0.050	–	–	<0.0069	–	–	<0.0091	0.026	–	<0.0084	<0.0070	0.014	<0.016	<0.0071	<0.0081
All other SVOCs/PAHs		NA	NA	NA	NA	–	–	<RL	–	–	<RL	–	–	<RL	<RL	<RL	<RL	–	–	<RL	–	–	<RL	<RL	–	<RL	<RL	<RL	<RL	<RL	<RL
TEF-adjusted cPAHs		1	20	NA	NA	–	–	<RL	–	–	<RL	–	–	<RL	0.77	0.22	0.093	–	–	<RL	–	–	<RL	0.032	–	<RL	<RL	0.037	<RL	<RL	0.0079
PCBs																															
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	–	–	–	–	–	–	–	–	–	<RL	<RL	<RL	–	–	–	–	–	–	<0.034	<0.057	–	–	–	–	–	–

Notes:
* Screening criteria are for chromium (III).
– = not analyzed
* = parameter not detected above the method detection limit shown
Bold indicates concentration detected above method detection limits.
Shaded (yellow) indicates parameter detected above one or more screening criteria.
cPAHs = carcinogenic polycyclic aromatic hydrocarbons
EPA = U.S. Environmental Protection Agency
J = estimated value following data quality review
NA = not applicable
NE = not currently established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbons-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbons-Gasoline
PAHs = polycyclic aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameter not detected above the laboratory reporting limit or method detection limit
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
VOCs = volatile organic compounds
TEF = toxicity equivalency factor

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SHANNON & WILSON, INC.

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075240011 (FHS CENTER PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015) milligrams per kilogram		GP-13 8/20/2015					GP-14 8/19/2015				GP-15 8/20/2015 & 8/21/2015					GP-16 8/19/2015			
		Unrestricted	Industrial	Non-Cancer	Cancer	1 foot	6 feet	(DUP) 6 feet	15 feet	20 feet	1 foot	6 feet	15 feet	20 feet	0.5 foot	10 feet	20 feet	25 feet	(DUP) 25 feet	1 foot	10 feet	20 feet	40 feet
Petroleum Hydrocarbons																							
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	<5.7	<5.2	<4.2	<4.0	<8.0	<5.4	<6.5	<5.1	<5.3	<5.4	<4.6	<4.7	<6.0	<5.2	<5.1	<5.4	<6.1	<6.6
Diesel-Range	NWTPH-Dx	200	200	NE	NE	<139	<27	<27	<26	<33	<27	<28	<26	<26	<26	<28	<28	<30	<31	<26	<28	<28	<30
Oil-Range		200	200	NE	NE	1600	150	<54	<50	<65	<53	<57	<52	66	380	<56	<57	<60	<61	<53	<56	<55	85
Metals																							
Arsenic	EPA 6010C/7471B	20	200	24	0.67	<11	<11	<11	<11	<13	<11	<11	<10	<10	<10	<11	<11	<12	<12	<11	<11	<11	<12
Barium		NE	NE	16,000	NE	130	43	69	49	100	58	63	22	17	43	65	55	48	58	37	51	49	53
Cadmium		2	2	80	NE	<0.54	<0.55	<0.54	<0.53	<0.65	<0.53	<0.57	<0.52	<0.52	<0.52	<0.56	<0.57	<0.60	<0.61	<0.53	<0.56	<0.55	<0.60
Chromium^		100	500	120,000	NE	40	28	33	25	19	27	29	15	10	5.8	43	43	36	43	17	31	27	25
Copper		NE	NE	3,200	NE	—	—	—	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lead	EPA 6010C/7471B	250	1,000	NE	NE	6.8	<5.5	<5.4	<5.3	<6.5	5.8	32	<5.2	<5.2	<5.2	<5.6	<5.7	<6.0	<6.1	<5.3	<5.6	<5.5	<6.0
Mercury		1	1	NE	NE	<0.27	<0.27	<0.27	<0.26	<0.33	<0.27	<0.28	<0.26	<0.26	<0.26	<0.28	<0.28	<0.30	<0.31	<0.26	<0.28	<0.28	<0.30
Nickel		NE	NE	800	NE	—	—	—	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Selenium		NE	NE	400	NE	<11	<11	<11	<11	<13	<11	<11	<10	<10	<10	<11	<11	<12	<12	<11	<11	<11	<12
Silver		NE	NE	400	NE	<1.1	<1.1	<1.1	<1.1	<1.3	<1.1	<1.1	<1.0	<1.0	3.3	<1.1	<1.1	<1.2	<1.2	<1.1	<1.1	<1.1	<1.2
Zinc		NE	NE	24,000	NE	—	—	—	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Detected VOCs																							
Acetone	EPA 8260C	NE	NE	72,000	NE	<0.0047	<0.0064	<0.0040	<0.0039	<0.010	<0.0047	0.021	<0.0070	<0.0062	<0.0035	<0.0040	<0.0037	<0.0052	<0.0032	<0.0062	<0.0064	<0.0064	<0.0060
Carbon Disulfide		NE	NE	8,000	NE	<0.00094	<0.00088	<0.00079	<0.00078	<0.0029	<0.00093	<0.0012	<0.0014	<0.0012	<0.00071	<0.00079	<0.00074	<0.0010	<0.00065	<0.0012	<0.00087	<0.0013	<0.0012
2-Butanone		NE	NE	48,000	NE	<0.0047	<0.0064	<0.0040	<0.0039	<0.010	<0.0047	<0.0062	<0.0070	<0.0062	<0.0035	<0.0040	<0.0037	<0.0052	<0.0032	<0.0062	<0.0064	<0.0064	<0.0060
All other VOCs		NA	NA	NA	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
Detected SVOCs and/or PAHs																							
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.008	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
2-Methylnaphthalene				320	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.071	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
1-Methylnaphthalene				5,680	34.48	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.045	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Acenaphthylene		NE	NE	NE	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.055	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Acenaphthene		NE	NE	4,800	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.014	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Dibenzofuran	EPA 8270D	NE	NE	80	NE	<0.36	<0.036	<0.036	<0.035	<0.043	<0.36	0.042	<0.035	<0.034	<0.17	<0.037	<0.038	<0.040	<0.041	<0.035	<0.038	<0.037	<0.040
Fluorene		NE	NE	3,200	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.028	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Phenanthrene		NE	NE	NE	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.33	<0.0070	<0.0069	0.012	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Anthracene		NE	NE	24,000	NE	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.17	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Fluoranthene		NE	NE	3,200	NE	0.061	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	4.7	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Pyrene		NE	NE	2,400	NE	0.070	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	3.7	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	0.011
Benzo(a)anthracene		NE	NE	NE	1.37	0.054	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	2.1	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Chrysene		NE	NE	NE	136.99	0.052	<0.0073	<0.0072	<0.0070	<0.0087	0.046	3.8	<0.0070	<0.0069	0.014	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	<0.36	<0.036	<0.036	0.046	<0.043	<0.36	<0.038	<0.035	<0.034	<0.17	<0.037	<0.038	<0.040	<0.041	<0.035	<0.038	<0.037	<0.040
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	0.066	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	2.0	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.74	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Benzo(e)pyrene		1	20	NE	0.14	0.051	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.87	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.36	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Dibenz(a,h)anthracene		NE	NE	NE	0.14	<0.036	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.11	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
Benzo(g,h,i)perylene		NE	NE	NE	NE	0.049	<0.0073	<0.0072	<0.0070	<0.0087	<0.036	0.30	<0.0070	<0.0069	<0.0070	<0.0074	<0.0075	<0.0081	<0.0081	<0.0070	<0.0075	<0.0074	<0.0080
All other SVOCs/PAHs		NA	NA	NA	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
TEP-adjusted cPAHs		1	20	NA	NA	0.074	<RL	<RL	<RL	<RL	1.033	1.5	<RL	<RL	0.0064	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
PCBs																							
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	<0.027	<0.027	<0.027	—	—	—	—	—	<0.052	<0.026	—	—	—	—	—	—	—	<0.060

Notes:
* Screening criteria are for chromium (III)
^ Dangerous Waste criteria for chromium is 1 milligram per liter
— = not analyzed
< = parameter not detected above the method detection limit shown
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above one or more screening criteria.
cPAHs = carcinogenic polycyclic aromatic hydrocarbons
DUP = duplicate sample
EPA = U.S. Environmental Protection Agency
NA = not applicable
NE = no criteria established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polycyclic aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameter not detected above the respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TEP = toxicity equivalency factor
VOCs = volatile organic compounds

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SHANNON & WILSON, INC.

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075240013 (FHS EAST PARCEL)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (1996), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		GP-17 8/21/2015		GP-19 8/21/2015			GP-20 8/21/2015				
		Unrestricted	Industrial	Non-Cancer	Cancer	8 feet	17 feet	0.5 feet	8 feet	17 feet	0.5 feet	8 feet	17 feet	(DUP) 17 feet	25 feet
Petroleum Hydrocarbons															
Gasoline-Range	NWTPH-Gx	100	100	NE	NE	<4.3	<5.9	<4.6	<5.8	<4.6	<4.5	<5.9	<6.6	<7.5	<11
Diesel-Range	NWTPH-Dx	200	200	NE	NE	<27	<31	<510	<31	<28	<26	<35	<36	<37	<42
Oil-Range		200	200	NE	NE	84	<62	4300	78	<57	120	130	<72	<73	150
Metals															
Arsenic	EPA 6010C/7471B	20	200	24	0.67	<11	<12	<10	<13	<11	<10	<13	<14	<15	<17
Barium		NE	NE	16,000	NE	58	56	49	120	62	36	110	28	21	55
Cadmium		2	10	80	NE	<0.54	<0.62	<0.51	<0.63	<0.57	<0.52	<0.66	<0.72	<0.73	<0.84
Chromium*		100	500	120,000	NE	32	37	20	58	40	36	51	18	16	31
Copper		NE	NE	3,200	NE	17	--	--	--	--	19	--	--	--	--
Lead	EPA 6010C/7471B	250	1,000	NE	NE	<5.4	<6.2	<5.1	<6.3	<5.7	18	66	<7.2	<7.7	48
Mercury		1	3	NE	NE	<0.27	<0.31	<0.26	<0.31	<0.28	<0.26	<0.33	<0.36	<0.37	<0.42
Nickel		NE	NE	800	NE	41	--	--	--	--	32	--	--	--	--
Selenium		NE	NE	400	NE	<11	<12	<10	<13	<11	<10	<13	<14	<15	<17
Silver		NE	NE	400	NE	<1.1	<1.2	<1.0	<1.2	<1.1	<1.0	<1.3	<1.4	<1.5	<1.7
Zinc		NE	NE	24,000	NE	37	--	--	--	--	52	--	--	--	--
Detected VOCs															
Acetone	EPA 8260C	NE	NE	72,000	NE	<0.0031	<0.0046	0.015	0.046	<0.0045	<0.0040	0.008	0.038	0.058	0.094
Carbon Disulfide		NE	NE	8,000	NE	<0.00071	<0.00092	<0.0011	<0.0010	<0.00089	<0.00080	<0.00063	0.0016	0.0039	0.0034
2-Butanone		NE	NE	48,000	NE	<0.0031	<0.0046	0.0065	0.014	<0.0045	<0.0040	0.0078	0.0097	0.018	0.028
p-Isopropyltoluene		NE	NE	NE	NE	<0.00071	<0.00092	<0.0011	<0.0010	<0.00089	<0.00080	0.0016	<0.00077	<0.00085	<0.0010
All other VOCs		NA	NA	NA	NA	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
Detected SVOCs and/or PAHs															
C+4-Methylphenol (m,m-Cresol)	EPA 8270D	NE	NE	NE	NE	<0.036	<0.041	<0.85	<0.21	<0.038	<0.033	0.053	<0.048	<0.049	<0.056
Naphthalene	EPA 8270D SIM	NE	NE	1,600	NE	<0.0072	<0.0082	<0.068	0.019	<0.0075	0.017	0.22	<0.0096	<0.0098	0.023
2-Methylnaphthalene				320	NE	<0.0072	<0.0082	0.079	0.0095	<0.0075	0.011	0.11	<0.0096	<0.0098	0.011
1-Methylnaphthalene				5,600	34.48	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.0094	0.12	<0.0096	<0.0098	<0.011
Acenaphthylene		NE	NE	NE	NE	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.049	0.036	<0.0096	<0.0098	<0.011
Acenaphthene		NE	NE	4,800	NE	<0.0072	<0.0082	<0.068	0.0087	<0.0075	0.0085	0.068	<0.0096	<0.0098	<0.011
4-Nitrophenol	EPA 8270D	NE	NE	NE	NE	<0.036	<0.041	<0.85	<0.21	<0.038	<0.033	<0.044	<0.048	0.049	<0.056
Dibenzofuran		NE	NE	80	NE	<0.036	<0.041	<0.85	<0.21	<0.038	<0.033	0.054	<0.048	<0.049	<0.056
Fluorene	EPA 8270D SIM	NE	NE	3,200	NE	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.017	0.055	<0.0096	<0.0098	<0.011
Phenanthrene		NE	NE	NE	NE	<0.0072	<0.0082	0.17	0.024	<0.0075	0.20	0.17	<0.0096	<0.0098	0.022
Anthracene		NE	NE	24,000	NE	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.096	0.059	<0.0096	<0.0098	<0.011
Fluoranthene		NE	NE	3,200	NE	<0.0072	<0.0082	<0.068	0.012	<0.0075	0.32	0.078	<0.0096	<0.0098	0.041
Pyrene		NE	NE	2,400	NE	<0.0072	<0.0082	<0.068	0.013	<0.0075	0.36	0.083	<0.0096	0.020	0.037
bis-2-Ethylhexyladipate	EPA 8270D	NE	NE	NE	NE	0.039	<0.041	<0.85	<0.21	<0.038	<0.033	<0.044	<0.048	<0.049	0.064
Benzo(a)anthracene	EPA 8270D SIM	NE	NE	NE	1.37	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.15	0.045	<0.0096	<0.0098	0.024
Chrysene		NE	NE	NE	136.99	<0.0072	<0.0082	0.10	0.011	<0.0075	0.16	0.047	<0.0096	<0.0098	0.025
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	<0.036	<0.041	<0.85	<0.21	<0.038	0.040	<0.044	<0.048	<0.049	<0.056
Benzo(b)fluoranthene	EPA 8270D SIM	NE	NE	NE	1.37	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.19	0.041	<0.0096	<0.0098	0.019
Benzo(k)fluoranthene		NE	NE	NE	13.7	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.058	0.011	<0.0096	<0.0098	<0.011
Benzo(a)pyrene		1	20	NE	0.14	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.16	0.037	<0.0096	<0.0098	0.013
Indeno(1,2,3-cd)pyrene		NE	NE	NE	1.37	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.10	0.025	<0.0096	<0.0098	<0.011
Dibenz(a,h)anthracene		NE	NE	NE	0.14	<0.0072	<0.0082	<0.068	<0.0084	<0.0075	0.021	<0.0087	<0.0096	<0.0098	<0.011
Benzo(g,h,i)perylene		NE	NE	NE	NE	<0.0072	<0.0082	0.07	<0.0084	<0.0075	0.11	0.029	<0.0096	<0.0098	<0.011
All other SVOCs/PAHs		NA	NA	NA	NA	0.039	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
TEQ-adjusted cPAHs		1	20	NA	NA	<RL	<RL	0.063	0.077	<RL	0.22	0.051	<RL	<RL	0.031
PCBs															
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 14.29	<0.054	--	<0.051	<0.063	--	<0.052	<0.066	--	--	<0.084

Notes:
* Screening criteria are for chromium (III)
-- = not analyzed
<# = parameter not detected above the method detection limit shown.
Bold indicates parameter detected above method detection limits.
Shaded cell indicates parameter detected above screening criteria.
cPAHs = carcinogenic polycyclic aromatic hydrocarbons
DUP = duplicate sample.
EPA = U.S. Environmental Protection Agency
NA = not applicable
NE = no criterion established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbons-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbons-Gasoline
PAHs = polycyclic aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameters not detected above their respective method detection limits.
SIM = Selective Ion Monitoring

SVOCs = semivolatile organic compounds
TEQ = toxicity equivalence factor
VOCs = volatile organic compounds

21-1-22032-008-R1-T3-T11Arpflc

21-1-22032-008

SHANNON & WILSON, INC.

TABLE 6
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL #2075220016 (SOUND TRANSIT RIGHT-OF-WAY)

Parameter	Method	Model Toxics Control Act Method A Soil Cleanup Levels (2015), milligrams per kilogram		Model Toxics Control Act Method B Soil Cleanup Levels (2015), milligrams per kilogram		CP-7 5/7/2015 & 5/12/2015			CP-8 5/7/2015 & 5/12/2015			CP-9 5/7/2015 & 5/12/2015			CP-10 8/12/2015 & 8/18/2015					TES-3 5/5/2015		TES-5 5/4/2015
		Unrestricted	Industrial	Non-Cancer	Cancer	0.5 foot	5 foot	16 foot	0.5 foot	5 foot	16.5 foot	0.5 foot	5 foot	18 foot	0.5 foot	5 foot	5 foot (DUP)	10 foot	0.5 foot	13 foot	30 foot
Petroleum Hydrocarbons																						
Gasoline-Range	NWTPH-Gx	100/30	100/30	NE	NE	<6.0	<5.6	<5.8	–	<4.9	<7.1	–	<5.3	<5.2	<4.2	<4.4	<3.8	<5.0	–	–	–
Diesel-Range	NWTPH-Dx	2,000	2,000	NE	NE	<50	<37	<28	–	<31	<31	–	<26	<26	<37	<27	<25	<29	<28	<31	<29
Oil-Range		2,000	2,000	NE	NE	380	310	<56	–	<63	<61	–	<55	<52	850	180	170	74	170	<62	<57
Metals																						
Arsenic	EPA 6010C/7471B	20	20	24	0.67	<11	<11	<11	–	<13	19	–	<11	<10	12	<11	<10	<12	<11	<12	<11
Barium		NE	NE	16,000	NE	65	42	35	–	78	36	–	52	42	64	96	81	68	54	44	19
Cadmium		2	2	80	NE	<0.57	<0.53	<0.56	–	<0.60	<0.61	–	<0.53	<0.52	<0.53	<0.54	<0.50	<0.59	<0.55	<0.62	<0.57
Chromium[a]		2,000	2,000	120,000	NE	27	25	26	–	31	17	–	30	16	30	61	59	48	19	22	7.4
Lead	EPA 6010C/7471B	250	1,000	NE	NE	67	12	<5.6	–	<6.3	<6.1	–	<5.3	<5.2	120	11	9.1	8.1	40	<6.2	<5.7
Lead - TCLP[b]	EPA 1311/6010C	NE	NE	NE	NE	–	–	–	–	–	–	–	–	–	<0.20	<0.20	–	–	–	–	–
Mercury	EPA 6010C/7471B	2	2	NE	NE	<0.29	<0.26	<0.28	–	<0.31	<0.31	–	<0.26	<0.26	<0.26	<0.27	<0.25	<0.29	<0.28	<0.31	<0.28
Selenium		NE	NE	400	NE	<13	<11	<11	–	<13	<12	–	<11	<10	<11	<11	<10	<12	<11	<12	<11
Silver		NE	NE	400	NE	<1.1	<1.1	<1.1	–	<1.3	<1.2	–	<1.1	<1.0	<1.1	<1.1	<1.0	<1.2	<1.1	<1.2	<1.1
Detected VOCs																						
Acetone	EPA 8260C	NE	NE	72,000	NE	<0.0064	0.016	<0.013	–	<0.012	<0.0065	–	<0.0074	<0.0072	0.0490	0.0078	0.0058	<0.0040	–	–	–
All other VOCs		NA	NA	NA	NA	<RL	<RL	<RL	–	<RL	<RL	–	<RL	<RL	<RL	<RL	<RL	<RL	–	–	–
Detected SVOCs and/or PAHs																						
Naphthalene	EPA 8270D SIM	5	5	1,600	NE	0.21	<0.0070	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.032	<0.0072	<0.0067	<0.0078	0.012	<0.0083	<0.0076
2-Methylnaphthalene				320	NE	0.20	0.0094	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.023	<0.0072	0.0093	0.011	0.010	<0.0083	<0.0076
1-Methylnaphthalene				5,600	36.48	0.15	0.013	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.012	<0.0072	0.010	0.0091	<0.0073	<0.0083	<0.0076
Acenaphthylene		NE	NE	NE	NE	0.20	0.029	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.085	<0.0072	<0.0067	<0.0078	0.034	<0.0083	<0.0076
Acenaphthene		NE	NE	4,800	NE	0.87	0.11	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.011	<0.0072	<0.0067	<0.0078	<0.0073	<0.0083	<0.0076
Dibenzofuran	EPA 8270D	NE	NE	80	NE	0.37	0.072	<0.037	–	<0.043	<0.041	–	<0.035	<0.035	<0.035	<0.036	<0.033	<0.039	–	–	–
Fluorene		NE	NE	3,200	NE	0.51	0.11	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.015	<0.0072	<0.0067	<0.0078	0.0085	<0.0083	<0.0076
Phenanthrene	EPA 8270D SIM	NE	NE	NE	NE	1.8	0.51	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.15	0.010	0.0083	0.026	0.053	<0.0083	<0.0076
Anthracene		NE	NE	24,000	NE	0.64	0.12	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.48	0.013	0.021	0.0085	0.050	<0.0083	<0.0076
Carbazole	EPA 8270D	NE	NE	NE	NE	<0.19	<0.035	<0.037	–	<0.042	<0.041	–	<0.035	<0.035	0.084	<0.036	<0.033	<0.039	–	–	–
Di-n-butylphthalate		NE	NE	NE	NE	<0.19	<0.035	<0.037	–	<0.042	<0.041	–	<0.035	<0.035	0.37	<0.036	<0.033	<0.039	–	–	–
Fluoranthene	EPA 8270D SIM	NE	NE	3,200	NE	3.9	0.33	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.20	0.011	0.011	0.026	0.070	<0.0083	<0.0076
Pyrene		NE	NE	2,400	NE	3.2	0.25	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.23	0.010	0.021	0.027	0.065	<0.0083	<0.0076
Benzo(a)anthracene		NE	NE	NE	1.37	0.89	0.075	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.12	<0.0072	<0.0067	0.017	0.049	<0.0083	<0.0076
Chrysene		NE	NE	NE	136.99	0.99	0.093	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.27	0.0076	0.0096	0.015	0.057	<0.0083	<0.0076
bis(2-Ethylhexyl)phthalate	EPA 8270D	NE	NE	1,600	71.43	0.20	0.11	<0.037	–	<0.042	<0.041	–	<0.035	<0.035	0.045	<0.036	<0.033	<0.039	–	–	–
Benzo(b)fluoranthene		NE	NE	NE	1.37	0.83	0.096	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.43	0.012	0.017	0.017	0.11	<0.0083	<0.0076
Benzo(j,k)fluoranthene		NE	NE	NE	13.7	0.20	0.043	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.086	<0.0072	<0.0067	<0.0078	0.025	<0.0083	<0.0076
Benzo(a)pyrene		0.1	2	NE	0.14	0.34	0.046	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.039	<0.0072	<0.0067	0.012	0.021	<0.0083	<0.0076
Indeno(1,2,3-cd)pyrene	EPA 8270D SIM	NE	NE	NE	1.37	0.21	0.043	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.030	0.0074	0.013	0.0092	0.048	<0.0083	<0.0076
Dibenz(a,h)anthracene		NE	NE	NE	0.14	0.069	0.015	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.052	<0.0072	<0.0067	<0.0078	0.013	<0.0083	<0.0076
Benzo(g,h,i)perylene		NE	NE	NE	NE	0.22	0.053	<0.0075	–	<0.0083	<0.0082	–	<0.0070	<0.0070	0.34	<0.0072	0.013	0.0086	0.056	<0.0083	<0.0076
All other SVOCs/PAHs		NA	NA	NA	NA	<RL	<RL	<RL	–	<RL	<RL	–	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
TEF-adjusted cPAHs		0.1	2	NA	NA	0.58	0.078	<RL	–	<RL	<RL	–	<RL	<RL	0.19	0.0078	0.0088	0.018	0.046	<RL	<RL
PCBs																					
All PCBs	EPA 8082A	1	10	1.6 to 5.6	0.50 to 16.29	<RL	<RL	–	–	–	–	–	–	–	<0.050	<0.054	<0.050	<0.059	<RL	–	–

Notes:
[a] Screening criteria are for chromium (III)
[b] Dangerous Waste criteria for dissolution in 1 milligram per liter
– = not analyzed
= = parameter not detected above the method detection limit shown
Bold italicized parameters exceeded their method detection limits.
Shaded cell indicates parameter detected above one or more screening criterion.
cPAHs = carcinogenic polycyclic aromatic hydrocarbons
DUP = duplicate sample
EPA = U.S. Environmental Protection Agency
MTCA = Model Toxics Control Act Cleanup Regulation
NA = not applicable
NE = none being established
NWTPH-Dx = analysis for diesel- and oil-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Diesel
NWTPH-Gx = analysis for gasoline-range hydrocarbons by method Northwest Total Petroleum Hydrocarbon-Gasoline
PAHs = polycyclic aromatic hydrocarbons
PCBs = polychlorinated biphenyls
RL = parameter not detected above their respective method detection limits
SIM = Selective Ion Monitoring
SVOCs = semi-volatile organic compounds
TCLP = analysis for Toxicity Characteristic Leaching Procedure contaminants by EPA method 1311/6010C
TEF = toxicity equivalency factor
VOCs = volatile organic compounds

21-1-22032-008-R1-T1-T11/wp/dc

21-1-22032-008

6.5 Restrictive Covenant

200307240850 16 PGS
07-24-2003 03:36pm $34.00
PIERCE COUNTY, WASHINGTON

RECEIVED
JUL 29 2003
Washington State
Department of Ecology

Return Address:
MR. BOB DEIGERT
FREIGHTHOUSE SQUARE MANAGEMENT, LLC
9138 189TH PLACE SOUTHWEST
EDMONDS, WA 98026

Document Title: RESTRICTIVE COVENANT	TICOR W-C
Grantor(s): WINDERS FREIGHTHOUSE LLC, TACOMA FREIGHTHOUSE LLC, WORLDFAMOUS FREIGHTHOUSE LLC, BARRY'S FREIGHTHOUSE LLC, BEA'S FREIGHTHOUSE LLC; FREIGHTHOUSE SQUARE __Additional Names on Page _____ of Document.	THIS IS A TRUE AND CERTIFIED COPY OF THE ORIGINAL. BY:
Grantee(s): THE PUBLIC __Additional Names on Page _____ of Document.	
Legal Description (abbreviated: i.e. lot, block, plat or section, township range) PORTION OF BLOCK 7520, 7522, 7524, 7526, TACOMA LAND COMPANY'S FIRST ADD TO TACOMA __Legal Description is on Page _____ of Document.	HUNG T. NGUYEN NOTARY PUBLIC STATE OF WASHINGTON COMMISSION EXPIRES 07-12-07
Reference Number(s) of Documents Assigned or Released: N/A __Additional Reference Numbers on Page _____ of Document.	
Assessor's Property Tax Parcel/Account Number: 2075240013, 0011, 2075220011, 2075200011, 0015	
The Auditor/Recorder will rely on the information provided on this cover sheet. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.	

84

I am requesting an emergency nonstandard recording for an additional fee as provided in RCW 36.18.010. I understand that the recording processing requirements may cover up or otherwise obscure some part of the text of the original document.

Elissa Devish

Signature of Requesting Party (Required for non-standard recordings only)
Gpcovst.doc rev 4/02

MODEL RESTRICTIVE COVENANT
Page 1

RESTRICTIVE COVENANT

WINDERS FREIGHTHOUSE LLC, TACOMA FREIGHTHOUSE LLC, WORLDFAMOUS FREIGHTHOUSE LLC, BARRY'S FREIGHTHOUSE LLC, BEA'S FREIGHTHOUSE LLC; Freighthouse Square

This Declaration of Restrictive Covenant is made pursuant to RCW 70.105D.030(1)(f) and (g) and WAC 173-340-440 by K & M Commercial Development, its successors and assigns, and the State of Washington Department of Ecology, its successors and assigns (hereafter "Ecology").

An independent remedial action (hereafter "Remedial Action") occurred at the property that is the subject of this Restrictive Covenant. The Remedial Action conducted at the property is described in the following document[s]:

- Engineering Geosciences Inc., **Site Remediation Report Freighthouse Square**, January, 7, 1994.
- Archived **Freighthouse Square** file, and associated correspondence

These documents are on file at Ecology's Southwest Regional Office. They can be reviewed by appointment by calling the Southwest Regional Office Resource Person at (360) 407-6365.

This Restrictive Covenant is required because the Remedial Action resulted in residual concentrations of Total Petroleum Hydrocarbons as diesel and heavy oil, and lead and cadmium which

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exceed the Model Toxics Control Act Method A Residential Cleanup Level(s) for Groundwater established under WAC 173-340-720.

The undersigned, Winders Freighthouse LLC, Tacoma Freighthouse LLC, Worldfamous Freighthouse LLC, Barry's Freighthouse LLC, and Bea's Freighthouse LLC, are the fee owners of real property (hereafter "Property") in the County of Pierce, State of Washington, that is subject to this Restrictive Covenant. The Property is legally described IN ATTACHMENT A OF THIS RESTRICTIVE COVENANT AND MADE A PART HEREOF BY REFERENCE.

Winders Freighthouse LLC, Tacoma Freighthouse LLC, Worldfamous Freighthouse LLC, Barry's Freighthouse LLC, and Bea's Freighthouse LLC, make the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, as provided by law and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereafter "Owner").

Section 1. No groundwater may be taken for any use from the Property.

Section 2. Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of

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human health and the environment is prohibited.

Section 3. Any activity on the Property that may result in the release or exposure to the environment of groundwater containing a hazardous substance that remains on the Property as part of the Remedial Action, or create a new exposure pathway, is prohibited without prior written approval from Ecology.

Section 4. The Owner of the property must give thirty (30) day advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.

Section 5. The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions on the use of the Property.

Section 6. The Owner must notify and obtain approval from Ecology prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. Ecology may approve any inconsistent use only after public notice and comment.

Section 7. The Owner shall allow authorized representatives of Ecology the right to enter the Property at reasonable times for the purpose of evaluating the Remedial Action; to take samples,

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to inspect remedial actions conducted at the property, and to inspect records that are related to the Remedial Action.

Section 8. The Owner of the Property reserves the right under WAC 173-340-440 to record an instrument that provides that this Restrictive Covenant shall no longer limit use of the Property or be of any further force or effect. However, such an instrument may be recorded only if Ecology, after public notice and opportunity for comment, concurs.

_____

[NAME OF PROPERTY OWNER AND DATE SIGNED]

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COMMONWEALTH TITLE COMPANY

Legal for Freight House Square.

STANDARD OWNER POLICY

SCHEDULE A

(Continued)

Policy No.: 3013262

LEGAL DESCRIPTION

PARCEL A:

THE NORTHERLY 77 FEET OF THE EASTERLY 135 FEET OF BLOCK 7524, AND THE NORTHERLY 77 FEET OF BLOCK 7526, TACOMA LAND COMPANY'S FIRST ADDITION TO TACOMA, ACCORDING TO PLAT FILED FOR RECORD JULY 7, 1884 IN THE OFFICE OF THE COUNTY AUDITOR, IN PIERCE COUNTY, WASHINGTON.

TOGETHER WITH THAT PORTION OF EAST "F" STREET, VACATED BY CITY OF TACOMA ORDINANCE NOS. 3128 AND 23949, ADJOINING THE NORTHERLY 77 FEET OF SAID BLOCKS 7524 AND 7526.

EXCEPT FROM SAID BLOCK 7526, THAT PORTION APPROPRIATED BY THE CITY OF TACOMA FOR THE CONSTRUCTION AND MAINTENANCE OF A PUBLIC STREET, BY DECREE ENTERED SEPTEMBER 12, 1928 IN PIERCE COUNTY SUPERIOR COURT CAUSE NO. 61287, AND BEING DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID BLOCK 7526; THENCE NORTHERLY ALONG THE EAST LINE OF SAID BLOCK, A DISTANCE OF 119.73 FEET; THENCE IN A SOUTHWESTERLY DIRECTION ON A CURVE TO THE RIGHT HAVING A RADIUS OF 538 FEET AND CONCERTRIC WITH A CURVE HAVING A RADIUS OF 573 FEET, WHOSE TANGENT AT A POINT ON THE CENTER LINE OF EAST "G" STREET, 36.80 FEET SOUTH OF THE CENTER LINE OF EAST 25TH STREET, MAKING AN ANGLE OF 14°22' TO THE SOUTHWEST WITH THE SAID CENTER LINE OF EAST "G" STREET, A DISTANCE OF 130.04 FEET TO A POINT OF COMPOUND CURVE; THENCE CONTINUING SOUTHWESTERLY ON A CURVE TO THE RIGHT HAVING A RADIUS OF 283 FEET, A DISTANCE OF 1.32 FEET TO A POINT ON THE SOUTH LINE OF SAID BLOCK 7526, SAID POINT BEING 2.84 FEET WEST OF THE SOUTHEAST CORNER OF LOT 10, IN SAID BLOCK 7526; THENCE EASTERLY ALONG THE SOUTH LINE OF SAID BLOCK, A DISTANCE OF 52.84 FEET TO THE PLACE OF BEGINNING.

EXCEPT ALL TRACK MATERIAL, INCLUDING, BUT NOT LIMITED TO RAILS, FASTENINGS, ANGLE BARS, TIE PLATES, TIES AND OTHER IMPROVEMENTS, AS EXCEPTED IN DEED FROM RICHARD B. OGILVIE AS TRUSTEE OF THE PROPERTY OF CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD COMPANY AND RECORDED UNDER AUDITOR'S NO. 8109020105.

PARCEL B:

THE NORTHERLY 77 FEET OF BLOCK 7522 AND 7524 OF TACOMA LAND COMPANY'S FIRST ADDITION TO TACOMA, W.T., ACCORDING TO PLAT FILED FOR RECORD JULY 7, 1884 IN THE OFFICE OF THE COUNTY AUDITOR, IN PIERCE COUNTY, WASHINGTON.

EXCEPT THE EAST 135 FEET OF SAID BLOCK 7524.

TOGETHER WITH THAT PORTION OF EAST "E" STREET ADJOINING SAID NORTHERLY 77 FEET OF BLOCKS 7522 AND 7524, VACATED BY CITY OF TACOMA ORDINANCE NOS. 3127 AND 23949.

ALTA0PA3/RDA/1992

COMMONWEALTH TITLE COMPANY

STANDARD OWNER POLICY
SCHEDULE A
(Continued)

Policy No.: 3013262

LEGAL DESCRIPTION

PARCEL C:

THE NORTHERLY 77 FEET OF BLOCK 7520, TACOMA LAND COMPANY'S FIRST ADDITION, ACCORDING TO PLAT FILED FOR RECORD JULY 7, 1884 IN THE OFFICE OF THE COUNTY AUDITOR, IN PIERCE COUNTY, WASHINGTON.

PARCEL D:

THE SOUTH 20 FEET OF THE NORTH 97 FEET OF BLOCKS 7520, 7522, 7524 AND 7526, IN THE TACOMA LAND COMPANY'S FIRST ADDITION TO TACOMA, W.T., ACCORDING TO PLAT FILED FOR RECORD JULY 7, 1884, IN THE OFFICE OF THE COUNTY AUDITOR, IN PIERCE COUNTY, WASHINGTON.

EXCEPT THAT PORTION OF LOTS 11 AND 12, SAID BLOCK 7526 TAKEN BY THE CITY OF TACOMA BY DECREE OF APPROPRIATION ENTERED SEPTEMBER 12, 1928 IN PIERCE COUNTY SUPERIOR COURT CASE NO. 61287.

ALTAOPA5/IRDA/0999

Notorized signature attachment to Dept of Ecology Restrictive Covenant:

Signed _____ Date 7/22/03
Winders Freighthouse, LLC
Glen R. & Elizbabeth L. Winders Trust, Member
By Glen R. Winders, Trustee

STATE OF WASHINGTON)
) ss.
COUNTY OF KITSAP)

I hereby certify that I know or have satisfactory evidence that GLEN R. WINDERS is the person who appeared before me and said person acknowledges that he signed this instrument and acknowledges it to be his free and voluntary act for purposes mentioned in this instrument.

Dated July 22, 2003

Antonia M. Fahey
Notary Public in and for the State of Washington
Residing in Kingston
My appointment expires : 4-02-06

ANTONIA M. FAHEY
COMMISSION EXPIRES
NOTARY
PUBLIC
4-02-06
STATE OF WASHINGTON

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Page 4

may be recorded only if Ecology, after public notice and opportunity for comment, concurs.

John R. Griffith sole Member Bea's Freighthouse, LLC

[NAME OF PROPERTY OWNER AND DATE SIGNED]

Beatrice A. Griffith SOLE MEMBER Bea's Freighthouse, LLC

[NAME OF PROPERTY OWNER AND DATE SIGNED]

[NAME OF PROPERTY OWNER AND DATE SIGNED]

03/04/03

NOTARIAL ACKNOWLEDGMENT

STATE OF WASHINGTON)
: ss.
County of KING)

On this 22nd day of July 2005, before me personally appeared _____ Beatrice A. Griffiths and _____ to me known to be the SOLE MEMBER OF Bea's Freighthouse, LLC that executed the within and foregoi instrument, and acknowledged said instrument to be the free and voluntary act and deed of said LLC for the uses and purposes therein mentioned, and on oath stated that they were authorized to execute sa instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first abo written.

Sue Butt

(Notarial Seal) Notary Public in and for the State of Washington residing at Kirkland

June 19, 2005

SUE BUTTA
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
JUNE 19, 2005

NOTARIAL ACKNOWLEDGMENT

STATE OF WASHINGTON)
: ss.
County of KING)

On this 22nd day of JULY 2003, before me personally appeared JOHN Z. GRIFFITHS and to me known to be the SOLE MEMBER OF BARRY'S FREIGHTHOUSE, LLC, that executed the within and foregoing instrument, and acknowledged said instrument to be the free and voluntary act and deed of said LLC, for the uses and purposes therein mentioned, and on oath stated that they were authorized to execute said instrument.

IN WITNESS WHEREOF, I ~~have~~ hereunto set my hand and affixed my official seal the day and year first above written.

(Notarial Seal) Notary Public in and for the State of Washington residing at Kingd

June 19, 2005

STATE OF WASHINGTON
SUE BUTKA
NOTARY PUBLIC
COMMISSION EXPIRES
JUNE 19, 2005

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Page 5

WORLD FAMOUS FREIGHT HOUSE
, SOLE MEMBER 7/21/03

[NAME OF PROPERTY OWNER AND DATE SIGNED]

TACOMA FREIGHTHOUSE LLC
SOLE MEMBER 7/24/03

[NAME OF PROPERTY OWNER AND DATE SIGNED]

[NAME OF PROPERTY OWNER AND DATE SIGNED]

[NAME OF PROPERTY OWNER AND DATE SIGNED]

[NOTE: The Property Owners must have this Restrictiva Covenant notarized.]

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Notary Page

State of Washington }
County of Snohomish } ss.
}

On this 21st day of July, 2003, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Robert V. Hardy, to me known to be the Sole Member of World Famous Freighthouse LLC, the Limited Liability Corporation that executed the foregoing instrument, and acknowledged the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned and on oath stated that they were authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

WITNESS my hand and official seal hereto affixed the day and year first above written.

Alexis A. Wafstet
Notary Public in and for the State of Washington
Residing at Everett
My appointment expires: June 29, 2005

ALEXIS A. WAFSTET
NOTARY PUBLIC
COMMISSION EXPIRES 6-29-05
STATE OF WASHINGTON

STATE OF WASHINGTON

COUNTY OF _____PIERCE_____

I certify that I know or have satisfactory evidence that_ROBERT DEIGERT, SOLE MEMBER OF THE TACOMA FREIGHTHOUSE LLC the person who appeared before me, and said person acknowledged that HE signed this instrument, on

oath stated that_____HE IS _____ authorized to execute the instrument and acknowledged it as SOLE MEMBER OF THE TACOMA FREIGHTHOUSE SQUARE LLC to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

DATED: July 24th 2003_____

_____HUNG THE NGUYEN_____

Notary Public

My appointment expires 7-12-2007

HUNG T. NGUYEN
COMMISSION EXPIRES
NOTARY
PUBLIC
07-12-07
STATE OF WASHINGTON

A-7 -Representative Capacity

6.6 Photo log

Photo 1: Southwest Corner of Freighthouse Square Building – from the Southwest

Photo 2: North Side of Freighthouse Square Building- from the Northeast

Photo 3: South Side of Building, Train Tracks and Platform - from the East

Photo 4: South Side of Building, New Amtrak Train Station Construction–from the Southwest

Photo 5: North Side of Building, New Amtrak Train Station Construction–from the Southeast

Photo 6: North Side of Building, New Amtrak Train Station Construction–from the Southeast of 25th Street

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

ALTERNATIVES DEVELOPMENT SUPPORTING DOCUMENTS

Appendix I

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

INTRODUCTION

The Tacoma Dome Link Extension (TDLE) project is the result of a lengthy planning process. After voter approval for funding the Sound Transit 3 Plan, which included the TDLE Project, Sound Transit continued to build on past planning with the alternatives development process. To identify alternatives to study in the TDLE Environmental Impact Statement (EIS), Sound Transit completed an alternatives development process that included a three-level screening process: prescreening, Level 1, and Level 2 alternatives evaluation. The alternatives development process began with early scoping under SEPA in April 2018. Sound Transit evaluated alternatives based on the alternative's ability to satisfy TDLE's preliminary purpose and need and how well it performs relative to other alternatives.

After each screening analysis was complete, the results were presented to the Stakeholder Advisory Group (SAG) for discussion and recommendations to the Elected Leadership Group of what alternatives to carry forward to the next level of screening. The Elected Leadership Group then made recommendations on which alternatives to study in the next screening level.

Following the public scoping period for the Draft EIS, the Sound Transit Board of Directors (the Board) reviewed the comments received and the results of the alternatives development process. In July 2019, the Board approved M2019-75 (South Federal Way, Fife, and East Tacoma) and M2019-77 (Tacoma Dome), which identified preferred alternatives, other alternatives, and design options to study in the Draft EIS.

As the analysis of alternatives for the Draft EIS was being developed, coordination with regional Tribal partners identified known cultural resources adjacent to I-5 in the South Federal Way Segment. As a result of that finding, the need for additional alignments was identified. In Fife, climate change and floodplain concerns were identified and resulted in two design options being developed. A public engagement period was held from February 27 to March 14, 2023, to share information about the potential additional alignment and station locations being considered based on that new information. In March 2023, the Sound Transit Board identified additional alternatives along the SR 99 (Pacific Highway) corridor as well as additional station options in Fife to study in the Draft EIS (Motion M2023-19).

The supporting documents for the alternatives development process are included in the following attachments:

I1 Early Scoping Summary Report

I2 Scoping Summary Report

I3 Pre-Screening and Level 1 Alternatives Evaluation Report

I4 Level 2 Alternatives Evaluation Report

I5 Screening for Fife Station Options

I6 Screening for Additional Alternatives in South Federal Way to Milton

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

EARLY SCOPING SUMMARY REPORT

Appendix I1

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

Tacoma Dome Link Extension

and Operations and Maintenance Facility South

Early Scoping Summary Report

June 2018

SOUNDTRANSIT

Overview

Purpose

This report describes the early scoping process and summarizes the comments received during the early scoping period from the agencies, tribes, and public. Sound Transit conducted early scoping from April 2 through May 3, 2018. The comments submitted during early scoping are being considered by Sound Transit to identify and develop alternatives for the Tacoma Dome Link Extension and Operations and Maintenance Facility (OMF) South.

Early Scoping Process

The early scoping notice for the Tacoma Dome Link Extension and OMF South was published in the Washington State Environmental Policy Act (SEPA) register on March 28, 2018, with the early scoping comment period beginning on April 2, 2018. Sound Transit also mailed postcards to properties along the corridor, placed print and online advertisements, and posted notices to social media sites. An agency meeting and three community open houses were held during the comment period.

Sound Transit asked for comments on:

- The route (alignment), stations, potential alternatives, benefits, and impacts for the Tacoma Dome Link Extension
- The potential location, benefits, and impacts for an OMF in the south corridor (South King and Pierce counties)
- The Purpose and Need statement

The representative project from the Sound Transit 3 Plan was used as a starting point for comments on potential alternatives. The representative project route begins at the Federal Way Transit Center, extending south along the west side of Interstate 5 (I-5) through Federal Way and Milton, and along the north side of I-5 through Fife and the reservation of the Puyallup Tribe of Indians to the Tacoma Dome. Representative stations are located in south Federal Way near S 352nd Street, in Fife near 54th Avenue E, in Tacoma near Portland Avenue E, and near the Tacoma Dome.

Agency and Tribal Early Scoping Meetings

Notification for the April 17, 2018, early scoping meeting was sent by mail and email to 133 representatives from tribal, federal, state, regional, and local governments and agencies; twenty-four representatives attended the early scoping meeting. Sound Transit received comment letters from one tribal government and 11 agencies, covering the following topics:

- Support for the overall project
- Suggestions for the alignment and station locations
- Support for and comments on the Purpose and Need statement

- OMF South location
- Regional mobility
- Freight mobility
- Transit-oriented development around station locations
- Consideration of multimodal access at station locations
- Cohesion with regional and local planning efforts
- Community impacts, equity, and reaching underserved populations
- Cultural resources, including areas and properties important to the tribal community
- Environmental concerns:
    - Air quality and greenhouse gases
    - Hazardous materials and contaminated sites
    - Wetlands, streams, and aquatic resources

Public Early Scoping Meetings

To support early scoping, Sound Transit held three community open houses in Tacoma, Federal Way, and Fife. More than 190 people attended these meetings. In addition, an online open house was available at tdlink.participate.online during the early scoping period to inform the public about the project and provide an opportunity to receive feedback using social media tools. All materials presented at the open house were posted on the online open house. Between April 2 and May 3, over 2,470 visitors accessed the online open house.

Over 550 written comments were gathered in person and from online comment forms. Public comments were accepted in various ways, including email, online open house, open house comment forms, and mail. In addition, an interactive map tool in the online open house allowed users to place notes at specific locations on a map, and users could indicate if they liked or disliked other commenters' notes. Similarly, at the community open houses, attendees placed Post-it® notes with their input on large maps.

Overall, the most common themes in the public comments were:

- Alignment and station location suggestions
- Parking
- Potential for transit-oriented development
- Multimodal connections

- General support and expediting construction
- Concern about taxes and project cost
- Light rail operations and future expansion
- Increased access to employment areas
- Environmental concerns such as air quality, wetlands, vegetation, hazardous materials, geologic hazards, and environmental justice

In the online open house, when asked about the potential benefits of the project, the most common themes for the Tacoma Dome Link Extension were providing transit options and connections that reduce I-5 traffic, enhancing access to jobs, reducing greenhouse gas emissions, and promoting transit-oriented development.

When asked about the potential impacts of the project, the most common themes were project costs, tax increases, property values, and property displacements.

In addition to common themes, commenters also specifically addressed alignments, station locations, and other community considerations for the project:

- **Federal Way Transit Center to South Federal Way**—Commenters expressed the most interest in analyzing potential alignments along the west side of I-5 and State Route (SR) 99. Many of the comments received on the South Federal Way station area questioned the representative location near S 352nd Street, both for access, existing congestion, and impacts to the adjacent businesses.
- **South Federal Way to Fife**—Several commenters expressed concern about a light rail alignment through semi-rural areas and potential impacts to environmental resources such as Hylebos Creek and wetland areas. A few comments supported a station location in Milton.
- **Fife to East Tacoma—**For this area where I-5 and the representative project alignment generally run east and west, commenters suggested analyzing potential alignments on both the north and south sides of I-5, and along SR 99. Of the various station location suggestions received, a number of comments suggested locating the Fife Station north of SR 99 and east of 54th Avenue E.
- **East Tacoma and Tacoma Dome**—Commenters generally expressed interest in routing light rail along the north side of I-5 (the freeway runs east and west through this area). A variety of East Tacoma Station and Tacoma Dome Station locations were suggested, including sites north or south of I-5 for the East Tacoma Station. Many commenters expressed concern about whether there would be sufficient parking at the Tacoma Dome Station or if parking could be included at the East Tacoma Station. Others emphasized opportunities for transit-oriented development.

Next Steps

Sound Transit is now using the information received during early scoping to develop and refine potential alternatives. The initial evaluation process involves two steps: 1) considering the ability of the alternatives being considered to satisfy the Purpose and Need statement, and 2) evaluating the alternatives for their consistency with the Sound Transit 3 Plan, which is the basis for the proposed project. In a Level 1 Conceptual Evaluation, the performance of these alternatives will be assessed, using generally qualitative measures based on the purpose and need. The higher performing alternatives will then be advanced and further evaluated in Level 2 Detailed Evaluation, using more detailed criteria. The Level 1 and Level 2 evaluations include criteria such as transportation benefits, cost, ridership, transit-oriented development, land use plans, technical feasibility, and environmental impacts.

Sound Transit's alternatives development process will continue to involve the public as well as the project's advisory groups (Elected Leadership Group, Stakeholder Group, and Interagency Group). In addition, Sound Transit will conduct interviews with community leaders, jurisdictions, and social service providers to seek input and identify additional ways to reach low-income, minority, and limited-English-proficiency populations.

At the conclusion of the alternatives development process, the Sound Transit Board is expected to identify a preferred alternative and other reasonable alternatives to study in a Draft Environmental Impact Statement in summer 2019.

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Appendices are available on Sound Transit's website at soundtransit.org/tdlink.

Acronyms and Abbreviations

DNR	Washington State Department of Natural Resources
Ecology	Washington State Department of Ecology
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
FHWA	Federal Highway Administration
I-5	Interstate 5
NEPA	National Environmental Policy Act
OMF	Operations and Maintenance Facility
PSRC	Puget Sound Regional Council
RV	recreational vehicle
Sea-Tac Airport	Seattle-Tacoma International Airport
SEPA	State Environmental Policy Act
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
ST3 Plan	Sound Transit 3 Plan
TOD	transit-oriented development
Tribe	Puyallup Tribe of Indians
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

1.1 Purpose of this Report

Sound Transit conducted early scoping for the Tacoma Dome Link Extension and Operations and Maintenance Facility (OMF) South from April 2 through May 3, 2018. This report describes the early scoping process and summarizes the comments received from agencies, tribes, and the public. **Appendices A through G** provide supplementary information on the scoping process, public outreach, the project, and the comments received.

1.2 Tacoma Dome Link Extension and Operations and Maintenance Facility South

Sound Transit is starting the planning process for the Tacoma Dome Link Extension and OMF South with an alternatives development phase. During this phase, Sound Transit will develop alternatives for the routes, station locations, and maintenance facility locations to be further evaluated in an environmental impact statement (EIS).

The Tacoma Dome Link Extension will connect Pierce County and South King County residents to the regional light rail network, including direct access to Seattle-Tacoma International Airport (Sea-Tac Airport) and downtown Seattle, with stations at South Federal Way, Fife, East Tacoma, and Tacoma Dome. The Tacoma Dome Station will serve as a multimodal transit hub, with transfer options to and from Sounder service, Amtrak, Tacoma Link, and Pierce Transit and Sound Transit buses.

In accordance with the voter-approved Sound Transit 3 Plan (ST3 Plan), the representative project for the Tacoma Dome Link Extension is an approximately 9.7-mile light rail line connecting Federal Way to Tacoma on a primarily elevated guideway, with a new rail-only fixed-span crossing the Puyallup River.

The OMF South would be a full-service operations and maintenance facility for the light rail vehicle fleet, and would include routine and heavy maintenance as well as vehicle storage facilities.

What is a "representative project"?

For ST3 projects in the 2016 ballot measure, Sound Transit produced "representative projects" identifying the mode, station locations, and related features, such as an OMF, which formed the basis for the scope, schedule, and budget assumed for the expansion of light rail south to the Tacoma Dome.

The conceptual definitions of the representative light rail extension and the OMF South were used during early scoping to facilitate discussion and comments about alternatives to be studied in an environmental impact statement.

Figure 1-1 shows a map of the Tacoma Dome Link Extension and potential areas for the OMF South.

Figure 1-1 Tacoma Dome Link Extension "Representative Project"

2 EARLY SCOPING PROCESS

2.1 Purpose of Early Scoping

Early scoping was conducted under the Washington State Environmental Policy Act (SEPA) rules regarding expanded scoping (Washington State Administrative Code 197-11-410). Sound Transit is the lead agency under SEPA. During early scoping, Sound Transit asked for comments on the following:

- The route (alignment), potential station locations, potential alternatives, benefits, and impacts for the Tacoma Dome Link Extension.
- The potential location, benefits, and impacts of the OMF in the south corridor (South King and Pierce counties).
- The Purpose and Need statement for the light rail extension and the OMF South define objectives that alternatives must meet; the statement will be used to develop and evaluate alternatives.

> What is Early Scoping?
>
> Early scoping is the first opportunity for the public to learn about the Tacoma Dome Link Extension. The purpose is to inform the public, agencies, stakeholders, and tribes about the project, and to receive input early in the alternatives development process for projects that will undergo environmental review.

Early scoping is done in advance of formal scoping for an EIS. After the alternatives development process is completed in spring 2019, Sound Transit expects to partner with the Federal Transit Administration to announce a Notice of Intent to Prepare an EIS, which will begin formal EIS scoping for federal and state environmental reviews. Tribal governments, agencies, and the public will be asked to comment on alternatives to be studied in the Draft EIS during EIS scoping. The Sound Transit Board of Directors is expected to identify a preferred alternative and other alternatives for study in the Draft EIS in summer 2019.

2.2 Opportunities to Comment

The comment period for early scoping was from April 2 through May 3, 2018. During this time, several meetings helped to inform and obtain input from agencies, tribes, and the public.

Three community open houses (public meetings) were conducted (see Section 3.2).

During the early scoping process, people were able to provide comments in the following ways:

- Online open house survey: tdlink.participate.online
- Email: tdlink@soundtransit.org
- Mail: Sound Transit, c/o Senior Environmental Planner Steve Kennedy, 401 S. Jackson Street, Seattle, WA 98104
- Community Open Houses: Written comment forms, interactive boards/roll plots, and a computer survey

In addition to the public meetings, an early scoping meeting was also held for tribes, agencies, and jurisdictions on the afternoon of April 17, 2018 in Tacoma. Agency participants were able to learn about the project, ask questions, and provide informal comments on interactive roll plots in advance of providing their formal early scoping comment letters.

2.3 Summary of Participation

During the early scoping period:

Tribal, agency, and jurisdiction participation

- Twenty-four representatives attended the Early Scoping Meeting the afternoon of April 17, 2018
- The Puyallup Tribe of Indians and members of several local government agencies attended community open houses
- The Puyallup Tribe of Indians and 11 agencies submitted comment letters

Public participation

- More than 190 people attended three community open houses in Tacoma, Federal Way, and Fife.
- Over 2,470 people participated in an online open house.
- Over 550 written comments were made in person or on online comment forms.
- 2,474 social media user clicks and engagements came in on Sound Transit's Facebook and Twitter pages.
- Posters were placed in 150 different locations throughout the project area between Kent and Tacoma.
- More than 51,160 postcards were mailed to homes, apartments, and businesses.
- Two news releases and four update notices were sent to 1,779 email list subscribers.
- Display advertisements and an online community calendar (**Appendix C**) postings were placed in 12 local online and print publications.
- Several posts were included on Sound Transit's Facebook page (30,047 subscribers) and Twitter (81,500 followers).

3 EARLY SCOPING MEETINGS AND OUTREACH

The early scoping period included an agency meeting and three public meetings. In addition, a series of station area workshops took place. **Appendix F** contains the Station Area Workshop 1 Summary. **Appendix G** includes maps showing the locations of station suggestions received during both the early scoping period and the station area workshops.

As part of the broader community engagement efforts, Sound Transit is also conducting briefings for city councils and organizations, and holds regular meetings with the Stakeholder Group, Elected Leadership Group, and Interagency Group.

3.1 Tribe, Agency, and Jurisdiction Early Scoping Meeting

3.1.1 Notification

An early scoping meeting to present project information and receive comments was held on April 17, 2018 from 1:00 to 3:00 p.m. in Tacoma at the Best Western Plus Tacoma Dome Hotel, 2611 East E Street. Sound Transit sent notices for the meeting by mail and email to 133 representatives of the following tribes, agencies and jurisdictions. Attendees at the early scoping meeting are shown with an asterisk.

Tribes

- Puyallup Tribe of Indians
- Confederated Tribes and Bands of the Yakama Nation
- Muckleshoot Indian Tribe
- Nisqually Indian Tribe

Federal Agencies

- Advisory Council on Historic Preservation
- Federal Aviation Administration, Northwest Mountain Region
- Federal Emergency Management Agency, Region 10
- Federal Highway Administration, Washington State Division*
- Federal Motor Carrier Safety Administration
- Federal Railroad Administration
- Federal Transit Administration, Region 10
- National Oceanic and Atmospheric Administration Fisheries, West Coast Region
- U.S. Army Corps of Engineers
- U.S. Bureau of Indian Affairs, Northwest Region
- U.S. Coast Guard, District 13
- U.S. Department of Homeland Security, Transportation Security Administration
- U.S. Department of Housing and Urban Development, Region 10
- U.S. Department of the Interior, Office of Environmental Policy and Compliance, Pacific Northwest Region
- U.S. Fish and Wildlife Service, Washington Fish and Wildlife Office

- U.S. Environmental Protection Agency, Region 10
- U.S. Department of the Interior, Office of Environmental Policy and Compliance, Pacific Northwest Region
- U.S. Postal Service, Western Area Operations

State Agencies

- Washington State Department of Archaeology and Historic Preservation*
- Washington State Department of Natural Resources*
- Washington State Department of Ecology
- Washington State Department of Fish and Wildlife
- Washington State Department of Transportation*

Regional and Local Agencies

- City of Federal Way*
- City of Fife*
- City of Kent
- City of Milton
- City of Tacoma*
- King County Department of Development and Environmental Services
- King County Fire District 44 – Station 93
- King County Metro Transit*
- Pierce County
- Pierce County Fire District 13
- Pierce County Fire Protection District 22 – Station 124
- Pierce Transit*
- Central Pierce Fire and Rescue
- Port of Seattle
- Port of Tacoma*
- Puget Sound Clean Air Agency
- Puget Sound Regional Council*
- Seattle Public Utilities
- South King Fire and Rescue
- Tacoma Fire Department, Station 12
- Tacoma Power
- Tacoma Rail*
- Tacoma Water*

Other Entities having Jurisdiction and Utility Providers

Other entities that have jurisdiction or ownership in the project corridor that were invited to participate in early scoping included:

- Amtrak
- BNSF Railway
- Bonneville Power Administration

- Century Link
- Click! Network
- Comcast Xfinity
- Highline Water District
- Lakehaven Sewer and Water District
- Maritime Administration, Pacific Northwest Gateway Office
- Midway Sewer District
- Northwest Seaport Alliance*
- Puget Sound Energy
- Rainier Connect

3.1.2 Early Scoping Meeting

Twenty-four representatives from tribes, agencies, and jurisdictions attended the early scoping meeting. Sound Transit staff presented background information, gave the overall timeline for the project, and introduced early scoping information with an overview of the representative project using a video flyover. A question-and-answer session followed.

After the presentation, attendees were invited to continue learning about and discussing the project around a series of roll plots of the project corridor, showing the representative project's more specific locations and features. At the close of the meeting, agencies were encouraged to submit formal comments to Sound Transit. These comments are summarized in Section 4.1 and the full letters are included in **Appendix D**.

3.2 Community Open Houses

Sound Transit held three community open houses at the following locations:

- **Tacoma**
  Tuesday, April 17, 2018, 6:00–8:00 p.m.
  Best Western Plus Tacoma Dome Hotel, 2611 East E Street
- **Federal Way**
  Wednesday, April 18, 2018, 6:00–8:00 p.m.
  Todd Beamer High School, 35999 16th Avenue S
- **Fife**
  Tuesday, April 24, 2018, 6:00–8:00 p.m.
  Fife Community Center, 2111 54th Avenue E

More than 190 people attended these meetings.

3.2.1 Open House Notification

Sound Transit advertised the community open houses through a variety of methods including:

- Postcards to over 51,160 households and businesses, including both owners and renters
- Online and print advertisements in 12 publications (listed in **Table 3-1**)
- Posters at 150 locations in the corridor
- Two news releases and four email update notices
- Social media posts
- Project website

Table 3-1 Online and Print Display Advertisements

Publication	Format and Run Dates
El Siete Dias	Print: 4/4/2018 and 4/11/2018 Online: 4/1/2018 to 4/30/2018
Federal Way Mirror	Print: 4/6/2018 to 4/12/2018 Online: 4/11/2018 to 4/25/2018
International Examiner	Print: 4/4/2018 to 5/1/2018 Online: 4/9/2018 to 4/30/2018
Korea Daily	Print: 4/11/2018 and 4/17/2018 Online: 4/1/2018 to 4/30/2018
Korean Times Seattle	Print: 4/10/2018 and 4/17/2018
Northwest Military	Online: 4/3/2018 to 4/30/2018
Northwest Vietnamese News	Print: 4/13/2018, 4/20/2018, and 4/27/2018 Online: 4/9/2018 to 4/27/2018
South Sound Biz	Print: 4/2/2018 to 4/30/2018
Tacoma News Tribune	Print: 4/9/2018 and 4/16/2018 Online: 4/7/2018 to 4/30/2018
Tacoma Weekly	Print: 4/13/2018 to 4/26/2018 Online: 4/6/2018 to 4/26/2018
Tu Decides	Online: 4/6/2018 to 4/26/2018
Weekly Volcano	Print: 4/12/2018 and 4/19/2018

3.2.2 Open House Format

The open houses presented the Purpose and Need, representative alignment, operations and maintenance facility, station areas, and process/timeline. The format consisted of a 30-minute welcome and orientation presentation, followed by an interactive open house where attendees could visit a series of stations with visual displays and provide feedback on the designs using comment forms and Post-it® notes on interactive boards or roll plots. Two videos were projected:

- A flyover of the representative alignment
- *Link Light Rail Maintenance: up all night to keep you moving in the morning* (April 2018)

Laptops were set up at the venues for attendees to review the online open house materials and submit comments. Sound Transit project staff were available to answer questions.

3.3 Outreach to Minority, Low-Income, and Limited-English-Proficiency Populations

Sound Transit's community engagement procedures, Executive Order 12898, U.S. Department of Transportation Order 5610.2(a), and Federal Transit Administration Circular C 4703.1, require Sound Transit to provide meaningful opportunities for minority, low-income, and limited-English proficiency groups to engage in the planning process. Title VI of the Civil Rights Act of 1964 prohibits discrimination based on race, color, or national origin. These directives make environmental justice a part of the decision-making process by identifying and addressing disproportionately high and adverse human health and environmental effects of Sound Transit's programs, policies, and activities on minority and low-income populations. Sound Transit conducted a preliminary demographic analysis to identify low-income, minority, and limited-English-proficiency populations. Based on this analysis, Sound Transit used the following strategies to engage these populations during early scoping:

- Provided translated text on posters in Spanish and Korean
- Provided translated meeting handouts in Spanish, Korean, Vietnamese, Khmer, and Russian
- Publicized events online and in print with language-specific media publications
- Provided translated text on the online open house web pages, as well as the embedded Google Translate tool (**Figure 3-1**) that can translate text into over 100 languages

Figure 3-1 Google Translate Capabilities Available in the Online Open House

As the project moves forward, Sound Transit will conduct interviews with community leaders, jurisdictions, and social service providers to seek input and identify additional ways to reach low-income, minority, and limited-English-proficiency populations.

3.4 Online Open House

An online open house was available at tdlink.participate.online during the early scoping period to inform the public about the project and provide an opportunity to receive feedback using social media tools. The web pages embedded the Google Translate tool to allow the public to translate materials into the language of their choice. All materials presented at the open house were posted on the online open house (**Figure 3-2**).

Between April 2 and May 3, over 2,470 visitors accessed the online open house. Visitors were given the opportunity to comment on the project's purpose and need, potential benefits and impacts, and the representative alignment using the electronic comment forms (survey) and an interactive map tool.

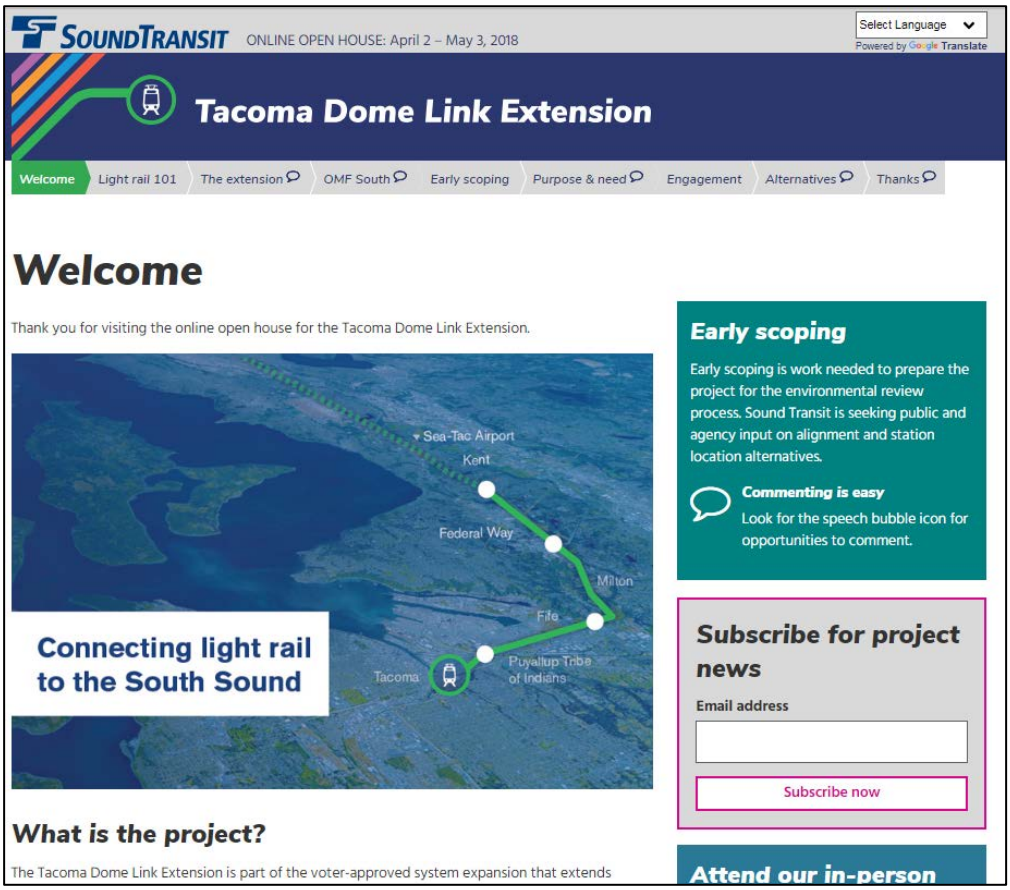

Figure 3-2 Online Open House Screen

Each tabbed section of the online open house included a space to type notes, which could be incorporated and submitted on a comments sheet. An interactive map tool provided users an informal way to make suggestions and share ideas directly on a map.

4 SUMMARY OF COMMENTS

This section summarizes the comments Sound Transit received during early scoping. **Appendix D**, Early Scoping Comments from Tribes and Agencies, includes the full letters received from each entity. **Appendix E**, Public Early Scoping Comments, includes all of the other public emails, comment forms, online notes, and information received.

Sound Transit asked for input on:

- The route, stations, potential alternatives, benefits, and impacts for the Tacoma Dome Link Extension
- The potential location benefits and impacts for an OMF in the south corridor (South King and Pierce counties)
- The Purpose and Need statement for the light rail extension and OMF, to be used to develop and evaluate alternatives

The representative project from the ST3 Plan was used as a starting point for potential alternatives. The representative project route begins at the Federal Way Transit Center, extending south along the west side of I-5 through Federal Way and Milton, and along the north side of I-5 through Fife and the reservation of the Puyallup Tribe of Indians to the Tacoma Dome. Representative stations are located in south Federal Way near S 352nd Street, in Fife near 54th Avenue E, in Tacoma near Portland Avenue E, and near the Tacoma Dome.

4.1 Summary of Comments from Tribes and Agencies

Early scoping comment letters were received from one tribal government and 11 agencies:

Tribes

- Puyallup Tribe of Indians

Federal Agencies

- Federal Highway Administration
- U.S. Environmental Protection Agency

State Agencies

- Washington State Department of Ecology
- Washington State Department of Natural Resources
- Washington State Department of Transportation

Regional and Local Agencies

- Port of Tacoma and Northwest Seaport Alliance
- Puget Sound Regional Council
- King County, Metro Transit Division
- City of Federal Way
- City of Fife and Fife City Council
- City of Tacoma

The primary themes are summarized in Sections 4.1.1 through 4.1.4.

4.1.1 Tribes

Puyallup Tribe of Indians

The Puyallup Tribe of Indians (Tribe) letter provided information on tribal properties as well as cultural and environmental considerations to help refine the project alignment and station locations. The letter emphasized close coordination between Sound Transit and the Tribe will be needed throughout the project. The letter noted:

- The locations of high risk parcels where cultural and human remains are likely present, and consultation will be required.
- The need to carefully design and coordinate the Puyallup River crossing. The Tribe stated a preference for a “clear span” bridge at the Puyallup River crossing, avoiding additional columns in the river. This area is a traditional cultural property, which includes the Tribe’s Ceremonial Grounds. Potential water quality and fishery impacts and mitigation, as well as stormwater facility locations should be coordinated as soon as possible.
- Alignments should avoid individual tribal member trust properties. The Tribe will consider necessary right-of-way needs for the project over government-owned tribal trust properties.

The Tribe’s letter stated preferences for the alignment and station locations, including:

- Fife area—stating a preference for a Fife Station on the north side of State Route (SR) 99 between 54th Avenue E and 59th Avenue E, and noting the Tribe does not support the representative station location near 54th Avenue E. West of the Fife Station, the alignment should return to follow I-5 in the Washington State Department of Transportation (WSDOT) right-of-way.
- East Tacoma area—stating potential alignments and an East Tacoma Station location south of I-5 should not be considered further.
- Tacoma Dome area—recommending an alignment from East Tacoma Station to the Tacoma Dome Station along 26th Avenue E.

4.1.2 Federal Agencies

Federal Highway Administration

The Federal Highway Administration (FHWA) encourages light rail alignment and stations that maintain mobility, access, and safety between the local street system and the interstate highway system. FHWA's comments covered:

- Station locations that facilitate future planning and development of urban centers, accommodate transit-oriented development (TOD), and increase access for bicyclists and pedestrians, such as in:
    - South Federal Way Station Area—noting a location farther west allows additional future growth opportunities, better accommodates future TOD, and provides more separation from the highway interchange.
    - Fife Station Area—noting difficulties with a station location adjacent to I-5 near 54th Avenue E, while locating a station north of Pacific Highway E, possibly between 12th Street E and 15th Street E, may provide TOD and walkshed benefits.
- Traffic analysis that considers impacts to the interstate highway system, interchanges, congestion on local surface streets, and safety between all modes.
- Options for Sound Transit and City of Tacoma to consider in replacing the existing bridge over the Puyallup River from Pacific Highway E to Puyallup Avenue, to reduce the total number of river crossings in the area.

U.S. Environmental Protection Agency

The U.S. Environmental Protection Agency (EPA) provided comments supporting the Purpose and Need statement and made recommendations for the project's goals and objectives. These goals encourage:

- Improving public health, equity, and human well-being in communities that are already experiencing disproportionate social, environmental, health, and economic impacts.
- Providing efficient connections with other transportation modes and increasing accessibility for underserved populations and the disabled.
- Constructing and operating a well-located and designed project to minimize negative impacts.
- Considering children's health and safety.
- Using appropriate language and culturally appropriate means of communications.

EPA recommended that the range of alternatives include an SR 99 route, as well as placing the OMF South within existing commercial/industrial/paved areas. EPA also listed other environmental, transportation, and community impacts and benefits that are expected be considered in the National Environmental Policy Act (NEPA) analysis.

4.1.3 State Agencies

Washington State Department of Ecology

The Washington State Department of Ecology (Ecology) provided comments on:

- Air Quality/Greenhouse Gases—Ecology recommended estimating construction and operation greenhouse gas emissions, including considering climate adaptation issues such as severe weather events, flooding, and landslides.
- Toxics Cleanup—A portion of the project area could have heavy metal contamination due to air emissions from the north Tacoma Asarco smelter. The resulting soil contamination could pose human health risks to children, construction workers, and others who work in the soil. Ecology recommended conditions for approval before the initiation of any grading, filling, or clearing activities, including soil sampling, notification processes, and potential cleanup activities.

Washington State Department of Natural Resources

The Washington State Department of Natural Resources (DNR) expressed their willingness to coordinate and discuss the project regarding the potential for the project to be located on state-owned aquatic lands. As the project progresses, DNR requests that additional information be provided about potential impacts to state-owned aquatic lands and, if needed, collaborating to identify measures to avoid environmental impacts.

Washington State Department of Transportation

WSDOT encouraged Sound Transit to collaborate with other agencies and local jurisdictions to provide an integrated transit system that not only provides connections but also supports future population and employment growth in the region. WSDOT commented on the Purpose and Need, suggesting it reference local communities' long-term vision, and noted the upcoming effort to coordinate the compatibility of WSDOT's needs for the I-5 corridor with the location of light rail facilities. Comments included:

- SR 167 Completion Project—Sound Transit will need to continue to coordinate and accommodate the final SR 167 design.
- South Federal Way Station Area—A new southbound off-ramp will be added in the vicinity of the representative project's station location that will further constrain access. A location farther west may provide a better opportunity to create future TOD.
- Fife Station Area—WSDOT does not support a station location along the southbound I-5 off-ramp to 54th Avenue E. WSDOT suggests potentially locating a station north of Pacific Highway E. Soil conditions and potential climate change impacts in this low-lying area would need to be assessed.
- East Tacoma Station Area—Coordination is needed to improve connections and access for all modes to the station from the casino and neighborhoods south of I-5.
- Tacoma Dome Station Area—WSDOT encourages the project to optimize transfer opportunities with other transit services.

- OMF South—WSDOT prefers the OMF South location to be on the same side of I-5 as the alignment so that the light rail does not have to cross over I-5, which could restrict future adjustments to the highway.

4.1.4 Regional and Local Agencies

Port of Tacoma and Northwest Seaport Alliance

The Port of Tacoma and Northwest Seaport Alliance expressed their support of high-capacity transit to reduce congestion along the I-5 corridor and to maintain the area's economic competitiveness and quality of life. They also expressed concern about the representative alignment in the Fife Station area. The Port of Tacoma commented that the project should avoid negative impacts to truck and rail access to the Manufacturing Industrial Center during construction and operation, and to protect the capacity to improve truck and rail freight infrastructure in the future.

Puget Sound Regional Council

The Puget Sound Regional Council (PSRC) provided comments on two themes for implementing high-capacity transit to support growth:

- Incorporating TOD in the alternatives analysis.
- Incorporating PSRC's Regional Transit Access and Parking Strategy into the alternatives analysis. Key strategies include maximizing non-single-occupancy vehicle access to transit, managing parking demand, and adding strategic parking capacity.

King County, Metro Transit Division

King County Metro expressed their support for collaborating with Sound Transit to expand transit access to passengers throughout the Puget Sound region. King County Metro suggested the following features for the South Federal Way Station:

- The station location should maximize opportunities for multimodal access, TOD, and good urban design. The representative station location adjacent to I-5 limits these opportunities.
- Sound Transit should consider the King County Metro-owned South Federal Way Park-and-Ride when developing station concepts because it is underutilized.

City of Federal Way

The City of Federal Way expressed their support for completing the Tacoma Dome Link Extension on schedule, increasing mobility throughout the region, and providing suggestions for the Purpose and Need. The City's comments on the alignment and station location in South Federal Way noted:

- Substantial input was gathered for the Federal Way Link Extension Project resulting in an alignment on the west side of I-5. The City is looking to ensure that previous, current, and planned investments are not compromised by a proposed track alignment.
- Siting the South Federal Way Station in the vicinity of S 352nd Street and Enchanted Parkway S (SR 161) is highly important. Ensure safe and convenient access to the

station while not increasing traffic congestion in the area and minimizing loss of property tax revenue.

- Minimizing and mitigating the project's impacts to environmentally critical areas, such as wetlands and streams, are highly desirable.
- The OMF South should be sited in a way that does not negatively impact the City's long-term vision or comprehensive plans.
- The City is looking to maximize regional mobility for residents and businesses.

City of Fife

The City of Fife expressed their support for the Purpose and Need for the project and provided comments on the alignment and station area in the city:

- Fife's preferred alignment follows 15th Street E or Pacific Highway into Fife and returns to the vicinity of I-5 near the Port of Tacoma Road.
- Fife does not support a station location along southbound I-5 near 54th Avenue E.
- The City proposes locating the Fife Station north of Pacific Highway, and east of 54th Avenue E between 12th Street E and 15th Street E. The station would provide walkable TOD benefits, increased ridership, bicycle and pedestrian access, as well as opportunities to site the parking structure with access points on secondary streets. Fife's Comprehensive Plan and City Center Planning efforts are consistent with this station location.

City of Tacoma

In addition to noting the general guidance and comments provided by the Tacoma City Council (Resolution 39981), the City of Tacoma's early scoping letter included additional information for the alternatives analysis process. The comments suggested:

- The alternatives analysis should consider overall design and station locations that promote ridership and efficient service as well as account for elements such as TOD, multimodal access, equity, sustainability, and the community.
- The alternatives analysis should ensure that the preferred alternative is balanced, effective, and durable. The alternatives analysis process must examine consistency with regional and local land use plans and policies, including the *One Tacoma* plan.
- The alternatives analysis must evaluate the representative project East Tacoma Station location, and other options considered, regarding their consistency with *One Tacoma*, support of TOD, and connectivity to Tacoma's east side. An East Tacoma Station location north of I-5 would necessitate significant pedestrian and intermodal connectivity improvements.
- The alternatives analysis should include a preliminary traffic impact analysis and connectivity analysis that take into consideration transportation plans and policies, planned and anticipated projects, and coordination with transportation service providers. The evaluation of the Tacoma Dome Station location should focus on integration with

other transportation systems and a high-density urban environment. This analysis will be needed to inform the decision-making process for the preferred alternative.

- A clear timeline for the alternatives analysis should be shared with the community and stakeholders as the project moves forward.
- The alternatives analysis should evaluate aesthetics and economic impacts associated with an elevated corridor in high-density areas.

The City's comments also recognized:

- The importance of partnering with the Puyallup Tribe of Indians regarding the cultural resources in the area and the Puyallup River crossing.
- Existing infrastructure coordination for alignment location decisions. Tacoma Water provided an initial list of infrastructure that is located near the representative project. Further engagement and utilities coordination will be needed as the project progresses.

4.2 Summary of Public Comments

Over 550 written comments were gathered in person and from online comment forms. Public comments were accepted in various ways, including email, online open house, open house comment forms, and by mail. In addition, the public could use an interactive map tool to place notes at specific locations on a map in the online open house, and also indicate if they liked or disliked other commenters' notes. Similarly, at the community open houses, attendees could tag notes on large maps. The text from Post-it® notes placed on the roll plots at the open houses, and from the online public notes (along with the number of likes or dislikes) placed on the interactive map tool are included in **Appendix E**, Public Early Scoping Comments. **Appendix G** includes maps showing the locations of where people placed their comments on the roll plots and interactive maps.

The following subsections summarize the comments. General or project-wide comment topics are shown first, followed by comments about specific areas of the corridor. The full set of comments from early scoping is in **Appendix E**, Public Early Scoping Comments.

4.2.1 General or Project-wide Comments

Overall, the most common general themes present in the public comments were:

- **Parking**
  Approximately 100 comments related to parking were received. Many of these comments requested that stations have adequate parking to accommodate ridership.

- **General support and expediting construction**
  Over 30 commenters expressed support for extending the light rail system to Tacoma. Over 15 comments suggested constructing the project as quickly as possible.

- **Concern about taxes and project cost**
  Approximately 40 commenters expressed concern that they would not use and do not want to pay for the project. Several of these comments brought up cost concerns and expressed frustration with taxes.

- **Light rail operations**
  Approximately 10 members of the public expressed interest in increased frequency and extended operational hours for the system for those who travel to the airport or work shifts that are early in the morning or late at night.

- **Light rail expansion**
  Approximately 20 comments were received suggesting the light rail line should be extended. These suggestions included a variety of locations:

  - Downtown Tacoma
  - Tacoma Mall
  - Nalley Valley
  - Lakewood
  - Gig Harbor
  - A spur to northeast Tacoma on S 356th Street
  - A spur to south Tacoma

  A few commenters were also referring to the planned Hilltop Tacoma Link Extension Project, which is a separate project from the Tacoma Dome Link Extension Project.

- **General Economic Benefits and Impacts**
  Approximately 40 comments mentioned employment, business, or economic-related benefits and impacts. Several comments expressed interest in greater access to both local and regional job opportunities, including jobs associated with the light rail system and OMF South facility. Other comments expressed concern about impacts to businesses, tax revenue associated with local business impacts, and the need to be aware of planned economic and business growth in the local communities.

- **Transit-Oriented Development**
  Over 35 people made comments directly related to TOD. Some of these comments encouraged TOD in general, while other comments were related to a specific route or station. Many of these comments were related to either South Federal Way or the Tacoma Dome areas. Commenters generally felt that TOD potential would be greater along the SR 99 corridor in Federal Way, and indicated that the project should account for TOD near the East Tacoma Station and Tacoma Dome Station.

- **General Environmental Concerns**
  Approximately 15 commenters expressed overall concern for wetland and water resources, vegetation and tree removal, hazardous materials, and geologic hazards (such as fault zones and volcanic hazard areas). Approximately 10 additional concerns were noted relating to potential environmental impact from construction, utilities, and noise.

- **Community and Environmental Justice Concerns**
  Over 30 commenters expressed concern for neighborhood and community impacts such as implications on land/property values, displacements, and overall impacts to

neighborhood cohesion or rural character. Concerns for low-income or minority populations were also mentioned by approximately 10 commenters, including comments asking Sound Transit to ensure that minorities were engaged throughout the planning process, and urging the project to avoid impacts on minority and low-income populations. Affordable housing was mentioned in approximately 15 comments.

- **Purpose and Need**
  Approximately five commenters provided suggestions for the Purpose and Need. These comments encouraged inclusion of environmental justice and the rider experience, and emphasized the importance of multimodal connections, the need for increased transit capacity, and the need for a route that allows ongoing development in the future.

When asked about the potential benefits of the project, the most common themes for the Tacoma Dome Link Extension were:

- Providing transit options and connections that increase regional mobility
- Enhancing access to jobs
- Reducing I-5 traffic
- Reducing environmental impacts such as greenhouse gas emissions
- Promoting transit-oriented development

When asked about the potential impacts of the project, the most common themes were:

- Project costs
- Tax increases
- Property values
- Property displacements

4.2.2 Federal Way Transit Center to South Federal Way

The most common themes in the Federal Way comments were related to the light rail alignment and South Federal Way Station location. In addition, comments discussed parking and multimodal connections at the station as well as concerns for businesses and the environment.

Route

Through Federal Way, commenters most commonly expressed interest in routing light rail either along the west side of I-5, similar to the representative project, or on SR 99. There were approximately 15 comments for each corridor. In addition, other alignment possibilities mentioned less frequently included a light rail route on the east side of I-5 or in the median of I-5.

People who commented on the profile of the alignment generally expressed a preference for an elevated profile and no at-grade crossings. There were also a couple suggestions for an alignment that begins along SR 99 and transitions to I-5.

South Federal Way Station Location

There were approximately 35 comments on the South Federal Way Station location. Commenters made diverse suggestions for the potential location:

- South of the representative project location, near S 356th Street
- Support/opposition to a station location near Todd Beamer High School
- Middle of I-5
- East side of I-5 near Wild Waves
- Along SR 99

Many commenters questioned the representative location near S 352nd Street, both for access, existing congestion, and impacts to the adjacent businesses. Several commenters noted that TOD potential would be greater along SR 99 compared to a station location adjacent to I-5.

Parking and Multimodal Connections

Commenters expressed the need for sufficient parking at the South Federal Way Station. In addition, access to convenient bus connections and safe pedestrian and bicycle pathways to the station area were seen as a high priority. Some commenters suggested a pedestrian connection over I-5 to access the station location. Other commenters indicated that the accessibility of a station adjacent to I-5 would be more difficult compared to a station on SR 99.

Economic Benefits and Impacts

Many commenters expressed concern about affecting existing businesses in the South Federal Way Station representative location, specifically Costco, Lowes, and Home Depot. Approximately 15 comments directly mentioned these businesses. Commenters noted those businesses as important tax generators for the City and requested that these businesses not be displaced. In addition, there were some general concerns about impacts to the local economy, including increases in jobs, gentrification, and displacement of local businesses in Federal Way.

4.2.3 South Federal Way to Fife

From the Federal Way city limits through Milton, the most common themes were about a light rail alignment passing through semi-rural areas, asking for a station to be considered in Milton, providing bicycle and pedestrian connections to the Interurban Trail, and noting the Hylebos Creek watershed.

Route

Commenters expressed interest in routing light rail along the west side of I-5, similar to the representative project through Milton. A few people also expressed interest in a light rail alignment along SR 99, the east side of I-5, or along a portion of the Interurban Trail in this area.

Residents that identified themselves as being from neighborhoods on either side of I-5 expressed concerns that light rail could affect semi-rural neighborhoods such as Spring Valley in Milton.

Station Location

Between the south end of Federal Way and the north end of Fife, no stations are currently proposed. Approximately five comments suggested locating a station to serve Milton.

Economic Benefits and Impacts

Two comments were received about the potential economic impacts and loss of tax revenue in Milton as a result of potential property acquisitions in the vicinity of Porter Way or Lloyd's Sand and Gravel site.

Environmental Concerns

Approximately 10 comments were received relating to Hylebos Creek, wetlands, habitat, and open space in the watershed. A couple of these comments noted that Superfund settlement funds have been used in the restoration efforts in this area.

Approximately eight comments expressed concern about vegetation and tree removal; commenters asked Sound Transit to preserve as many trees as possible.

4.2.4 Fife to East Tacoma

The most common themes in the Fife vicinity were related to the alignment, station location, and parking. Additional themes included multimodal connections at the station as well as concerns for businesses and the environment.

Route

For this area, where I-5 and the representative alignment run east and west, approximately 12 commenters suggested routing light rail along:

- SR 99
- South of I-5, along 20th Street E
- Along I-5

In addition, a few comments mentioned avoiding conflicts with future SR 167 interchange and the challenges of the Port of Tacoma freight traffic in the Fife area.

Fife Station Location

There were about 15 comments on the Fife Station location, including comments supporting or opposing the representative location north of I-5 and east of 54th Avenue E near the Emerald Queen Hotel & Casino. Commenters made various suggestions for other potential station locations:

- North of Pacific Highway E in the area where Fife envisions a future downtown core; opposition to this location was expressed due to congestion and possible property acquisition or displacement
- North of I-5 and west of 54th Avenue E to access underutilized shopping areas
- South of I-5 for better access to residential areas, Fife Community Center, and Fife High School
- Use of open land between 68th Avenue E and 70th Avenue E, north of 12th Street E

- Near the future interchange at I-5 and SR 167
- Placement in higher density neighborhoods
- A second station location in Fife

A few comments also noted that walkable TOD around the station area should be included.

Parking and Multimodal Connections

Commenters encouraged Sound Transit to make sure sufficient parking is available at the Fife Station. A few commenters expressed concern about casino patrons using transit parking, or that overflow demand from the Tacoma Dome Station could affect parking availability at the Fife Station.

Other comments supported multimodal connections to the Fife Station, including five comments encouraging bicycle and pedestrian connections to nearby trails or suggesting a pedestrian bridge over I-5 to 20th Street.

Economic Benefits and Impacts

Commenters noted concerns about existing businesses in the Fife area, but also the potential for economic growth around the station area. Comments addressed potential property impacts to adjacent businesses such as restaurants and automobile and recreational vehicle (RV) dealerships. The owner of McDonald's shared the importance of the business to the local community and employees, requested the light rail alignment avoid displacing the restaurant, and expressed concern about the economic challenges of relocation.

Environmental Concerns

Comments mentioned potential impacts and benefits of the light rail extension, including air quality, geologic hazards, contamination, and the potential for climate change to affect this low-lying area.

4.2.5 East Tacoma to Tacoma Dome

The most common themes from the Puyallup River east to the Tacoma Dome vicinity focused on station locations, parking, and multimodal access.

Route

Commenters most commonly expressed interest in routing light rail along the north side of I-5, similar to the representative project. A few commenters were interested in serving communities on the south side of I-5.

East Tacoma Station Location

Approximately 10 comments were received about the East Tacoma Station location. Some comments questioned the representative station location and if the station was needed because it is close to the Tacoma Dome. Other commenters suggested additional potential station locations:

- South of I-5 to provide better access to Emerald Queen Casino and the communities south of I-5
- I-5 and Port of Tacoma Road

Tacoma Dome Station Location

There were approximately 30 comments on the Tacoma Dome Station location and facilities, including some suggesting a station site at:

- Existing location of train and bus station
- North of E 26th Street and west of D Street
- E 25th Street
- Puyallup Avenue
- South of Freighthouse Square

Several comments encouraged TOD near the East Tacoma Station and Tacoma Dome Station.

Parking and Multimodal Connections

Several commenters expressed a desire for additional parking at the Tacoma Dome Station because the existing parking is often at capacity. In addition, a few commenters suggested parking should be included at the East Tacoma Station. A commenter also suggested the two Tacoma stations might be combined with a larger parking area.

Commenters also emphasized the importance of connections and enhanced access to the other modes of transportation at the Tacoma Dome. These modes include Tacoma Link, Amtrak, Sounder, buses, pedestrians, and bicyclists. Several commenters asked specifically for an elevated walkway over the tracks. Several other commenters mentioned the need to create safe and accessible pathways for pedestrians and bicyclists in the station area.

Several comments described the need for safe walkable routes or connections between the East Tacoma Station and the casino area along Portland Avenue, including to residential areas to the south.

Economic Benefits and Impacts

A few comments were received noting that the alignment should minimize impacts to local businesses and hotels. In addition, a few commenters suggested this regional connection could improve access to locations such as the Emerald Queen Casino and the Tacoma Dome.

Environmental Concerns

One comment noted that the light rail bridge should be designed to minimize impacts on the river and any species present.

4.2.6 OMF South

An OMF is needed to serve the south corridor and support overall system expansion. Over 40 comments were received primarily related to the potential location of the OMF South:

- Kent—The Midway Landfill was suggested as a potential location.
- Federal Way—Specific locations suggested were along Enchanted Parkway, Costco or Todd Beamer High School area, the Weyerhaeuser Campus area, and near the future I-5/509 interchange. There were comments both for and against building the OMF South in Federal Way.

- Milton—The gravel pit (Lloyd Enterprises Inc - Materials Pit) was suggested as a potential location.
- Fife—Specific locations suggested were on the south side of I-5 between I-5 and 20th Street, and near the Emerald Queen Casino.
- Tacoma—There were comments received both for and against building the OMF South in Tacoma. Specific locations mentioned in Tacoma include the Nalley Valley and the former train painting and maintenance facility at Alexander Avenue and SR 509.

A few commenters expressed general concerns about potential noise, visual, and community impacts of an OMF. Other commenters suggested that the OMF South could bring job opportunities to the community, or potentially be integrated with TOD or affordable housing. Several commenters expressed a preference for siting the OMF South on industrially zoned or previously developed land instead of near residential development, areas with affordable housing, or on land that has not been developed.

5 NEXT STEPS

Sound Transit is now using the information received during early scoping to develop and refine potential alternatives. The initial evaluation process involves two steps: 1) considering the ability of the alternatives being considered to satisfy the Purpose and Need statement, and 2) evaluating the alternatives for consistency with the ST3 Plan, which is the basis for the proposed project. In a Level 1 Evaluation, the performance of alternatives being advanced following the initial evaluation will be assessed, using generally qualitative measures based on the Purpose and Need. The higher performing alternatives will then be advanced and further evaluated in Level 2, using more detailed criteria. The Level 1 and Level 2 evaluations include criteria such as transportation benefits, cost, ridership, TOD, land use plans, technical feasibility, and environmental impacts.

Sound Transit will continue to work with the community, Elected Leadership Group, Stakeholder Group, Interagency Group, and Sound Transit Board of Directors to develop a comprehensive recommendation for the next level of the alternatives screening process. As the project moves forward, Sound Transit will conduct interviews with community leaders, jurisdictions, and social service providers to seek input and identify additional ways to reach low-income, minority, and limited-English-proficiency populations.

EIS scoping under NEPA and SEPA is expected to start in spring 2019. The Federal Transit Administration is anticipated to be the federal lead agency for NEPA. There will be a formal comment period during this time. Following EIS Scoping, the Sound Transit Board is expected to identify the preferred alternative and other reasonable alternatives to study in a Draft EIS in summer 2019. An overview of the alternatives development process is shown in **Figure 5-1**.

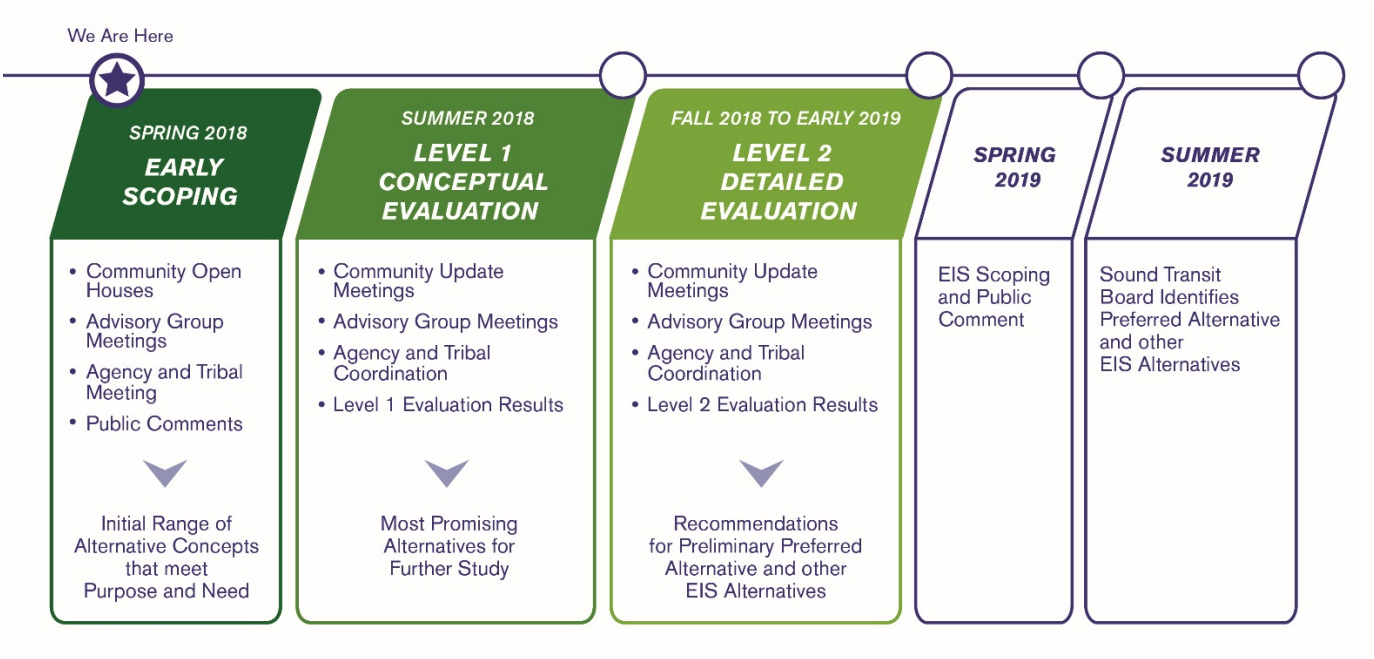

Figure 5-1 Alternatives Development Process

Sound Transit and the Federal Transit Administration expect to publish a joint NEPA and SEPA Draft EIS with a formal period for formal public, agency, and tribal comment. They will then publish a Final EIS that includes responses to public, agency, and tribal comments. After publication of the Final EIS, the expectation is for the Sound Transit Board to make the final decision on the project to be built, and the Federal Transit Administration will issue a NEPA Record of Decision.

APPENDIX A

SEPA Register Notice

March 30, 2018

SEPA Unit
Washington State Department of Ecology
PO Box 47703
Olympia, WA 98504-7703
separegister@ecy.wa.gov

Subject: Tacoma Dome Link Extension and Operations and Maintenance Facility South Invitation to Early Scoping Agency Meeting Comment Period April 2 to May 3

SEPA Unit:

Sound Transit is sending this early scoping notice to inform your agency that it will be evaluating alternatives for extending Link light rail from Federal Way to Tacoma Dome in King County and Pierce County, Washington (the Tacoma Dome Link Extension). An operations and maintenance facility will also be evaluated along the south corridor. Early scoping is being conducted under the Washington State Environmental Policy Act (SEPA) rules regarding expanded scoping (WAC 197-11-410). Sound Transit is the lead agency under SEPA.

Early scoping supports the alternatives development process during which Sound Transit will evaluate the costs, benefits, and impacts of a range of light rail alternatives. Alternatives will include the Sound Transit 3 (ST3) representative project, other potential alternative alignments, stations, and an operations and maintenance facility to meet the project's purpose and need. At the end of the alternatives development process, Sound Transit anticipates narrowing the range of alternatives for further environmental review in an Environmental Impact Statement (EIS). Sound Transit Board is expected to identify a Preferred Alternative in summer 2019, for study in the EIS along with any other alternatives or options requested by the Board.

A description of the ST3 representative project and the project's purpose and need statement is included in the enclosed Early Scoping Information Report. Additional information is also available on Sound Transit's website at: **soundtransit.org/tdlink.**

The Tacoma Dome Link Extension representative project has:

- Approximately 9.7 miles of dedicated guideway to extend light rail from the Federal Way Transit Center to the Tacoma Dome Station area. The project

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Dave Earling
Edmonds Mayor

Rob Johnson
Seattle Councilmember

Kent Keel
University Place Mayor

Joe McDermott
King County Council Chair

Roger Millar
Washington State Secretary of Transportation

Paul Roberts
Everett Council President/ Mayor Pro Tem

Dave Upthegrove
King County Councilmember

Peter von Reichbauer
King County Councilmember

Victoria Woodards
Tacoma Mayor

CHIEF EXECUTIVE OFFICER
Peter M. Rogoff

travels through the cities of Federal Way, Milton, Fife and Tacoma, and the reservation of the Puyallup Tribe of Indians;
- Stations in south Federal Way, Fife, east Tacoma and the Tacoma Dome Station area;
- A rail-only fixed span bridge crossing the Puyallup River; and
- Parking garages at the South Federal Way and Fife stations.

The ST3 Plan also included an operations and maintenance facility to be located along the south corridor (South King and Pierce Counties). A specific site has not yet been identified. Potential sites will be identified and evaluated as part of this alternatives development process. The OMF South is needed to support the overall system expansion program.

Invitation to Early Scoping Agency Meeting and Comment

Sound Transit is inviting local, regional, state and federal agencies to attend an early scoping meeting. In addition, representatives from tribal governments are invited to participate. Your agency is invited to submit written comments on the project purpose and need statement, the ST3 representative project and potential alternatives, potential locations for an operations and maintenance facility, and the transportation and community impacts and benefits to be considered. If there is a potential for significant environmental impacts requiring an EIS, the Federal Transit Administration (FTA) and Sound Transit will publish a Notice of Intent to prepare an ElS in the Federal Register and invite agency comments on the scope of the EIS. This is expected to occur in about spring 2019.

AGENCY EARLY SCOPING MEETING
April 17, 2018, 1-2:30 p.m.
Best Western Plus Tacoma Dome Hotel 2611 East E Street

In the event you are not able to attend the agency meeting, you have an option to participate remotely via GoToWebinar. We will email you a calendar invitation to register.

Please RSVP to Elma Borbe, elma.borbe@soundtransit.org or (206) 398-5445.

In addition to the Agency Early Scoping Meeting above, public meetings will take place at the following locations from 6-8:00 p.m.:

- Tacoma: Tuesday, April 17 – Best Western Plus Tacoma Dome Hotel, 2611 East E Street
- Federal Way: Wednesday, April 18 – Todd Beamer High School, 35999 16th Avenue S.
- Fife: Tuesday, April 24 – Fife Community Center, 2111 54th Avenue E.

COMMENTS

Written scoping comments are requested by May 3, 2018 and can be mailed or emailed to the address below or provided via the online comment form.

Mailing Address: Tacoma Dome Link Extension (c/o Steve Kennedy, Senior Environmental Planner) Sound Transit 401 S Jackson Street Seattle, WA 98104-2826

Email Address: **tdlink@soundtransit.org**

Online Comment form: **tdlink.participate.online**

SEPA REGISTER NOTICE

Please publish notice of this early scoping process and comment period for the Sound Transit Tacoma Dome Link Extension in the State SEPA Register on April 2, 2018. For your convenience, attached is a proposed notice.

If you have any questions related to this early scoping notice or need additional information, please contact me at (206) 398-5302 or Steven Kennedy at steven.kennedy@soundtransit.org.

Sincerely,

Curvie Hawkins
Project Development Director

Enclosure: Early Scoping Information Report
Early Scoping SEPA Register Notice

SOUND TRANSIT TACOMA DOME LINK EXTENSION AND
OPERATIONS AND MAINTENANCE FACILITY SOUTH

EARLY SCOPING SEPA REGISTER NOTICE

LEAD AGENCY	Sound Transit
CONTACT	Steve Kennedy (206) 398-5302 steven.kennedy@soundtransit.org
COUNTY	King
DOCUMENT TYPE	Early Scoping
DATE ISSUED	April 2, 2018
COMMENTS DUE	May 3, 2018
PROPOSAL DESCRIPTION	Extend Link light rail from Federal Way to Tacoma Dome in King County and Pierce County, Washington (the Tacoma Dome Link Extension). An operations and maintenance facility will also be evaluated along the south corridor. Early scoping is being conducted under the Washington State Environmental Policy Act (SEPA) rules regarding expanded scoping (WAC 197-11-410). Sound Transit is the lead agency under SEPA. Sound Transit invites comments by May 3, 2018 on the project purpose and need, the Sound Transit 3 (ST3) representative project, potential alternatives, and the transportation and community impacts and benefits to be considered. Please see the Sound Transit project website at www.soundtransit.org/tdlink for further information and public meeting times.
RELATED RECORD	n/a
LOCATION	King County and Pierce County
APPLICANT	Sound Transit
APPLICANT CONTACT	Steve Kennedy (206) 398-5302 steven.kennedy@soundtransit.org
DOCUMENTS	www.soundtransit.org/tdlink

APPENDIX B

Early Scoping Information Report

Tacoma Dome Link Extension and Operations and Maintenance Facility South

Early Scoping Information Report

March 2018

SOUNDTRANSIT

EARLY SCOPING

Invitation to comment

Tacoma Dome Link Extension and Operations and Maintenance Facility South Early Scoping: April 2 to May 3, 2018

Sound Transit is conducting "Early Scoping" for the Tacoma Dome Link Extension project in south King and Pierce counties, Washington. **Exhibit 1** shows the extension from Federal Way to the Tacoma Dome station area.

- Learn about the project background, timeline and how to stay informed and involved.
- Provide input on the route, stations, potential alternatives, benefits and impacts.
- Provide input on the potential location of the operations and maintenance facility (OMF) in the south corridor (South King and Pierce Counties).
- Provide input on the Purpose and Need statement.

> What is early scoping?
>
> Early scoping starts the public conversation shaping the project before the start of formal state and federal environmental studies. With early scoping, the agency asks the public, other agencies and tribal governments to take part in defining goals for the Tacoma Dome Link Extension project and determining how it can best fit in with the communities and the environment.

Early scoping meetings

The public comment period for early scoping is open until May 3, with three public scoping meetings. The public meetings will take place at the following locations from 6-8:00 p.m.:

- **Tacoma:** Tuesday, April 17 – Best Western Plus Tacoma Dome Hotel, 2611 E. E Street
- **Federal Way:** Wednesday, April 18 – Todd Beamer High School, 35999 16th Avenue S.
- **Fife:** Tuesday, April 24 – Fife Community Center, 2111 54th Avenue E.

A separate early scoping meeting will take place with agencies to present project information and receive comments. Sound Transit invited local, regional, state and federal agencies and tribal governments to participate.

Ways to provide comments

In person: Fill out a comment card when attending any of the above public meetings.

Online: tdlink.participate.online

Email: tdlink@soundtransit.org

By mail: Tacoma Dome Link Extension Project
c/o Senior Environmental Planner Steve Kennedy
Sound Transit, 401 S. Jackson Street, Seattle, WA 98104-2826

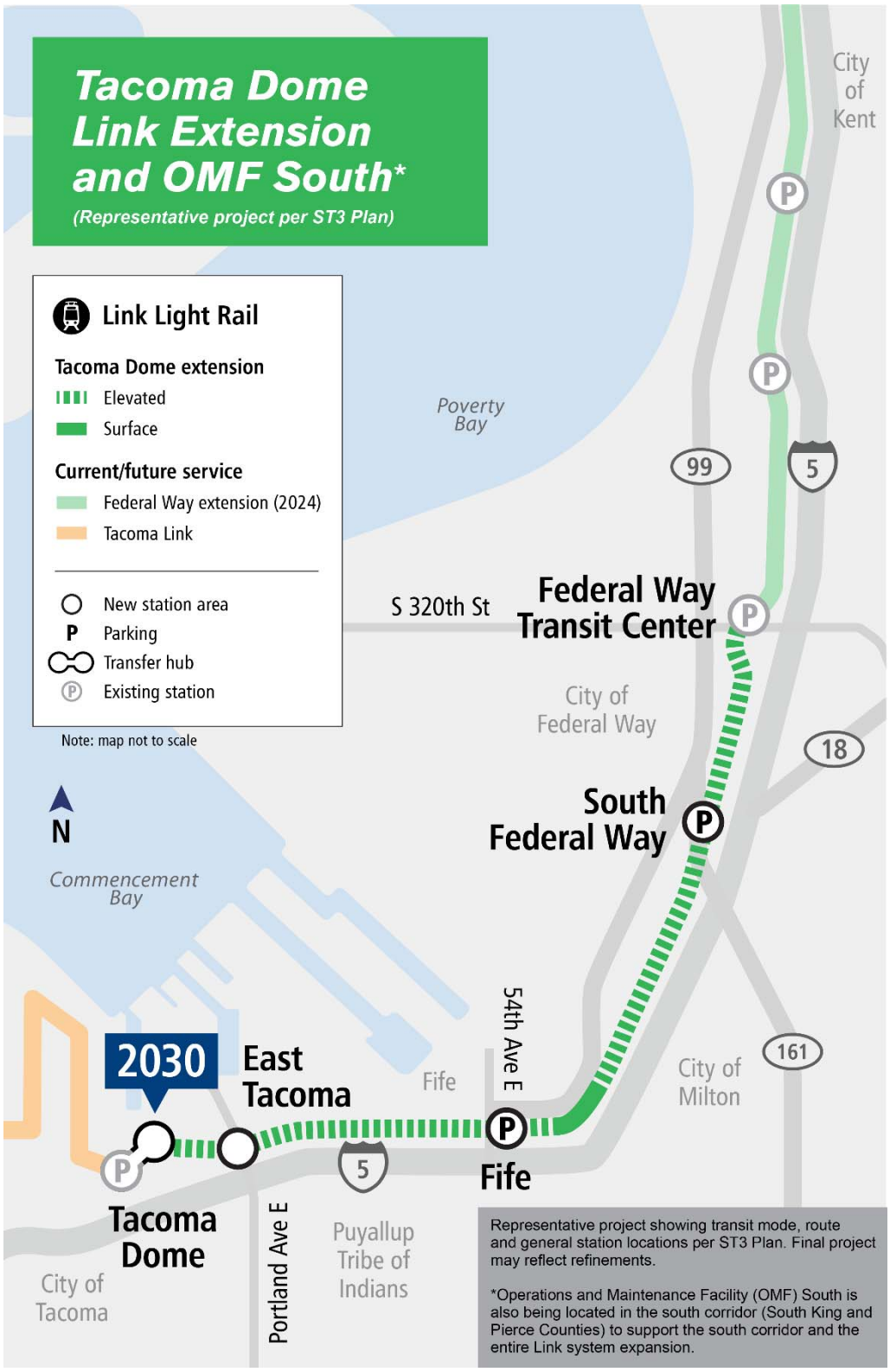

Exhibit 1. Representative Project for the Tacoma Dome Link Extension

The "representative project"

The representative project for the Tacoma Dome Link Extension (see **Exhibit 1**) has:

- Approximately 9.7 miles of dedicated guideway to extend light rail from the Federal Way Transit Center to the Tacoma Dome Station area. The project travels through the cities of Federal Way, Milton, Fife and Tacoma, and the reservation of the Puyallup Tribe of Indians.
- Stations in south Federal Way, Fife, east Tacoma and the Tacoma Dome Station area.
- A rail-only fixed span bridge crossing the Puyallup River.
- Parking garages at the South Federal Way and Fife stations.

> What is the representative project?
>
> For ST3 projects in the 2016 ballot measure, Sound Transit produced "representative projects" identifying the mode, station locations and related features, such as an OMF, which formed the basis for the project's scope, schedule and budget.

The ST3 Plan also included an OMF in the south corridor (South King and Pierce Counties). A specific site has not yet been identified. Potential sites will be identified and evaluated as part of this alternatives development process. The OMF South is needed to support overall system expansion.

About early scoping and the project schedule

With early scoping, Sound Transit is inviting public comments on the Tacoma Dome Link Extension's Purpose and Need statement, and the "representative project" and other alternatives for consideration including the locations for the alignment, stations, and an OMF. The agency also seeks comment on transportation, environmental, and community impacts and benefits. After the early scoping comment period ends, Sound Transit will develop and evaluate potential alternatives, working with representatives from other agencies, tribes and public stakeholders.

Regulatory and public notice requirement. Sound Transit, as the local public agency proposing the project, must meet State Environmental Policy Act (SEPA) requirements. The project is also expected to need federal approvals from the Federal Transit Administration (FTA) and other federal agencies, activities that fall under the National Environmental Policy Act. Sound Transit designed the early scoping to meet relevant FTA requirements related to planning and project development, as outlined by Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation Act (FAST Act).

Sound Transit announced early scoping in the SEPA register. Notices and advertisements for the upcoming public early scoping meetings are appearing in local area newspapers. The agency mailed postcards inviting citizens to attend scoping meetings. There is an option for participation online via Sound Transit's website. Sound Transit also invited regulatory agencies to participate.

Exhibit 2 shows the project's overall development timeline, from planning through to construction and operation.

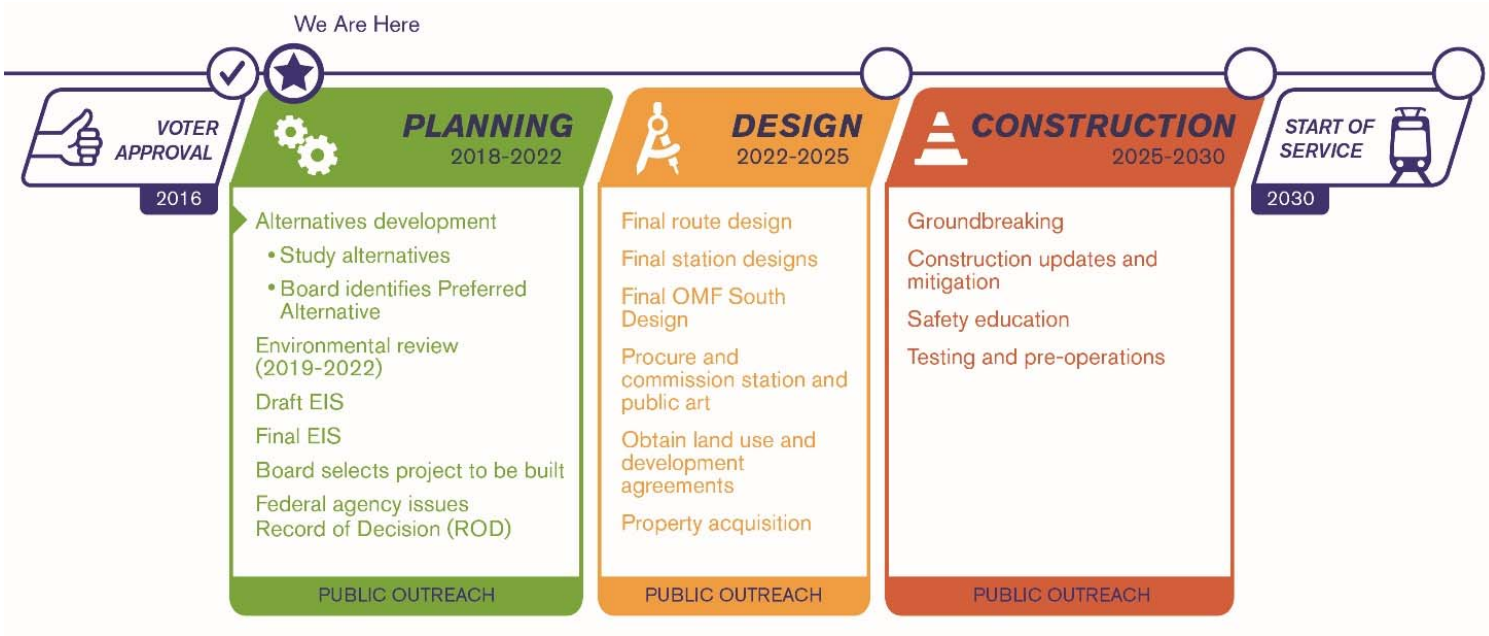

Exhibit 2. Project Timeline

Background information

Project area description

Land use in the project area is mostly commercial and industrial, with residential areas as well as parks, open space areas and smaller farms in some areas. Transportation facilities such as Interstate 5, State Route 99, local streets and railroads also account for large amounts of the land. The city centers of Federal Way and Tacoma are designated regional growth centers and serve as the primary hubs of employment and commercial activity within the project area. The Port of Tacoma's manufacturing and industrial center is a large employment area and a major intermodal hub for shipping goods and materials.

Like the rest of the Puget Sound region, cities in South King and Pierce counties are experiencing high rates of growth and have established plans for how they can accommodate more residential, commercial and employment opportunities. In 2016 the estimated population of the four cities within the project area was more than 300,000, and employment was more than 150,000. Regional and local plans anticipate high levels of growth within the corridor through 2040, continuing the trend of growth the corridor has seen over the past several decades. Population in the communities within the project area is forecasted to grow 40 percent by 2040, and employment over the same period is forecasted to grow by 63 percent.

The primary highways in Tacoma Dome Link Extension project area—I-5 and SR 99—experience high levels of congestion throughout most of the day, which creates long and unreliable travel times. The Tacoma Dome Link Extension would connect to the regional Link light rail system at Federal Way, which would serve the high levels of travel between the region's southern growth centers at Federal Way and Tacoma as well as other major activity and/or urban growth centers to the north and east. This includes SeaTac, Tukwila, Seattle and the University of Washington, as well as Bellevue and Redmond. By having a terminus at the existing multimodal transit center at the Tacoma Dome, the Tacoma Dome Link Extension will also allow easy transfers to other transit services and provide service to Sea-Tac International Airport. The existing transit center services include Tacoma Link light rail to downtown Tacoma and its extension to central Tacoma, as well as to Sounder commuter rail, Amtrak, and local and regional bus lines serving areas throughout the South Puget Sound area.

Previous studies

Sound Transit will be building on previous studies and plans that led to the proposed extension of light rail to the Tacoma Dome and the definition of a representative project. These studies include:

- **Federal Way to Tacoma HCT Study.** In 2013-2014, Sound Transit conducted a high-capacity transit (HCT) study covering the south corridor, including South King and Pierce Counties. The study evaluated multiple corridors and modes for extending HCT from Federal Way to Tacoma.
- **Regional Long-Range Plan Update**: Also in 2013 to 2014, Sound Transit updated its long-range plan and prepared a SEPA EIS. The update confirmed regional light rail as the preferred mode for the extended corridor to Tacoma.
- **Sound Transit 3 System Plan**: During ST3 system planning in 2015 and 2016, Sound Transit evaluated representative projects for inclusion in the November 2016 ballot measure. The ST3 plan as approved by voters included an extension of light rail from the Federal Way Transit Center to the Tacoma Dome with stops in the south Federal Way, Fife, east Tacoma, and Tacoma Dome areas. Operations planning also identified the need for an OMF to serve the south corridor and the entire Link system.
- **Federal Way Link Extension**: This extension of light rail from the Angle Lake station in SeaTac to the Federal Way Transit Center began planning in 2012 and completed its NEPA and SEPA environmental processes in 2017. The Federal Way Link Extension is now entering its final design and construction phases for opening in 2024. It is the starting point for the north end of the Tacoma Dome Link Extension.

The project as part of the region's mass transit system

Sound Transit was created to build a mass transit system connecting the urban centers of King, Pierce and Snohomish counties. In 1996 voters-approved Sound Move, the first phase of investment in the mass transit system that includes regional express buses, commuter rail and light rail. Sound Transit began operating the first phase of the Central Link light rail system with the line from downtown Seattle south to SeaTac in 2009.

When voters approved the ST2 Plan in 2008, the second phase of investment in the region's mass transit system began. The plan added regional express bus and commuter rail service while building 36 additional miles of light rail to form a 55-mile regional system. The ST2 Plan extends light rail south to Federal Way, Bellevue to the east, and Lynnwood to the north.

Voters approved the third phase of investment, the ST3 Plan, in 2016. In addition to bus and commuter rail service expansion, the ST3 Plan adds 62 new miles of light rail for a regional system reaching 116 miles. ST3 extends light rail from Federal Way to Tacoma, as well as to Everett, South Kirkland, Issaquah, Redmond, and the Seattle neighborhoods of West Seattle and Ballard.

Exhibit 3 shows the Regional Transit System, including the Tacoma Dome Link Extension and other projects that are part of the system expansion.

Purpose and Need statement

To guide decision-making during the alternatives analysis and to support the project's state and federal environmental reviews, Sound Transit has developed a draft statement of why this project is being proposed. The agency will use the Purpose and Need statement to evaluate alternatives leading to a preferred alternative as well as any other alternatives for further study in an EIS. The agency will continue to develop and refine the Purpose and Need statement to reflect public and agency comments as the project moves forward.

The purpose of the Tacoma Dome Link Extension is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area to:

- Provide high-quality rapid, reliable, accessible and efficient peak and off-peak light rail transit service connecting Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to other destinations on the regional high-capacity transit system.
- Meet projected transit demand and offer an alternative to travel on congested roadways, better connecting people to where they live, work and play.
- Connect regional growth centers as described in adopted regional and local land use, transportation and economic development plans, and Sound Transit's Regional Transit Long-Range Plan.
- Develop a light rail extension and an operations and maintenance facility that are technically feasible and financially sustainable to build, operate and maintain, consistent with the regional system defined by Sound Transit's ST3 Plan and the Regional Transit Long-Range Plan.
- Expand mobility for people in the corridor and region, including this corridor's high concentrations of low income, minority and transit-dependent populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit-oriented development, station access and multimodal integration, consistent with adopted local comprehensive or land use plans.
- Preserve and promote a healthy and sustainable environment by minimizing adverse impacts to people and the natural and built environments.

Exhibit 3. Regional Transit System

The project is needed because:

- Roadway congestion is increasing on I-5 and SR-99, the two primary highways connecting King and Pierce Counties, affecting reliability for transit as well as automobiles.
- There is not enough transit capacity to serve the corridor's riders today or in the future.
- Regional and local plans call for high-capacity transit (HCT) to serve long-term population and employment growth in the corridor consistent with VISION 2040 and the Regional Transit Long-Range Plan.
- The regional system does not have the operations and maintenance facility capacity to efficiently operate the long-term light rail vehicle fleet needed to serve South King and Pierce counties.
- South King and Pierce County citizens and communities, including its low income, minority and transit-dependent populations and residents, need better access to the rest of the region.
- Regional and local plans call for increased residential and employment growth and density in areas to be served by HCT and multi-modal transportation systems.
- Environmental and sustainability goals of the state and region include reducing total vehicles miles traveled and greenhouse gas emissions.

How alternatives will be developed

Based on early scoping comments, Sound Transit will evaluate the representative project and other project alternatives, station locations and associated features. Sound Transit is continuing to study the detailed requirements for an OMF and will be seeking comments on potential sites.

The evaluations will apply the purpose and need statement and include other information about operating, engineering and environmental issues that could affect the performance of alternatives. Examples of evaluation measures and considerations include:

- Ridership and access
- Travel time and travel speed
- Multimodal access to stations
- Capital, operations and maintenance costs
- Land use and economic development
- Transit-oriented development potential
- Impacts to the environment, including historic resources, parks, natural resources
- Property impacts and related effects
- Noise and vibration
- Traffic and other transportation effects

- Constructability and construction impacts
- Other engineering risks and constraints
- Safety and schedule factors
- Demographics along the corridor
- Other operational and site-level factors affecting stations, park-and-rides, the guideway and bridges
- Siting of an efficient, effective and feasible OMF

As described in the Sound Transit's *System Expansion Implementation Plan*, the project planning phase is to conclude with the Sound Transit Board identifying a preferred alternative and other alternatives to study in an Environmental Impact Statement. The board will consider public and agency comments, the evaluation materials and reports produced during the planning phase, recommendations from project advisory groups (i.e. Elected Leadership Group, Stakeholders Group, and Interagency Group), and public comments as they consider and identify a preferred alternative and other alternatives for evaluation in an EIS.

Exhibit 4 shows the timeline and major steps in alternatives development. Following early scoping, Sound Transit will summarize the early scoping process and comments in an Early Scoping Summary Report.

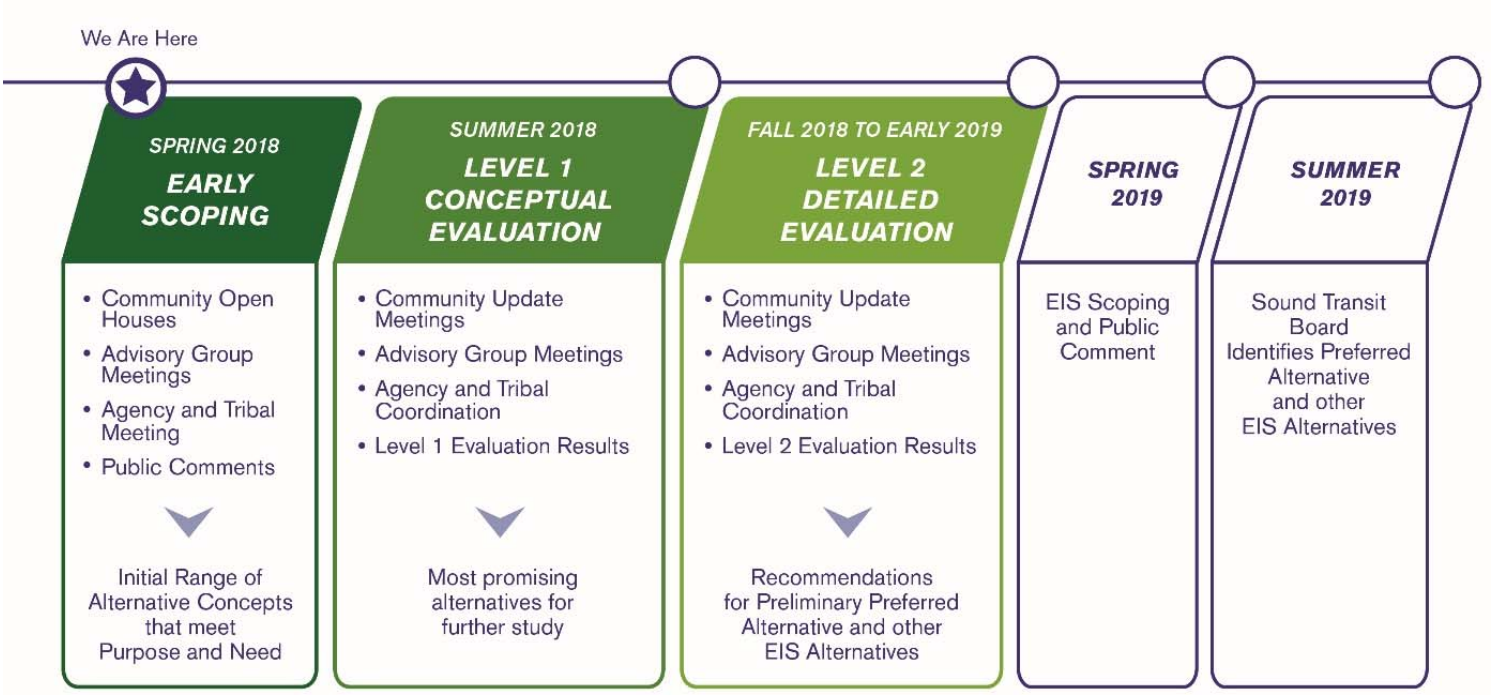

Exhibit 4. Alternatives Development Process

Next steps

At the end of the alternatives development process, in spring 2019, Sound Transit and FTA expect to begin scoping for an Environmental Impact Statement (EIS) by publishing a Notice of Intent to Prepare an EIS in the Federal Register and inviting public and agency comments. This period is called the EIS Scoping.

Based on information from the alternatives development process and environmental scoping, the Sound Transit Board is anticipated to identify the preferred alternative and other reasonable alternatives to study in a Draft EIS in summer 2019.

Sound Transit will publish a Draft EIS, provide an opportunity for formal public and agency comment, and publish a Final EIS that includes responses to public and agency comments. After publication of the Final EIS, the expectation is for the Sound Transit Board to make the final decision on the project to build.

What is the difference between early scoping and formal EIS scoping?

Early scoping is the first opportunity for the public to learn about the Tacoma Dome Link Extension. The purpose is to inform the public, agencies, stakeholders and Tribes about the project, and to receive input early in the alternatives development process. Early scoping is happening now.

EIS scoping is part of the formal state and federal environmental review process expected to start in spring 2019.

APPENDIX C

Meeting Advertisements

Appendix C. Meeting Advertisements

Meeting advertisements placed in the following publications:

- El Siete Dias
- Federal Way Mirror
- International Examiner
- Korea Daily
- Korean Times Seattle
- Northwest Military
- Northwest Vietnamese News
- Tacoma News Tribune
- Tacoma Weekly
- Tu Decides
- South Sound Biz
- Weekly Volcano

The images on the following pages show the online and print advertisements that ran during the early scoping comment period.

Advertisements were published in English in the Federal Way Mirror, International Examiner, Northwest Military, and Tacoma News Tribune, Tacoma Weekly, South Sound Biz, and Weekly Volcano.

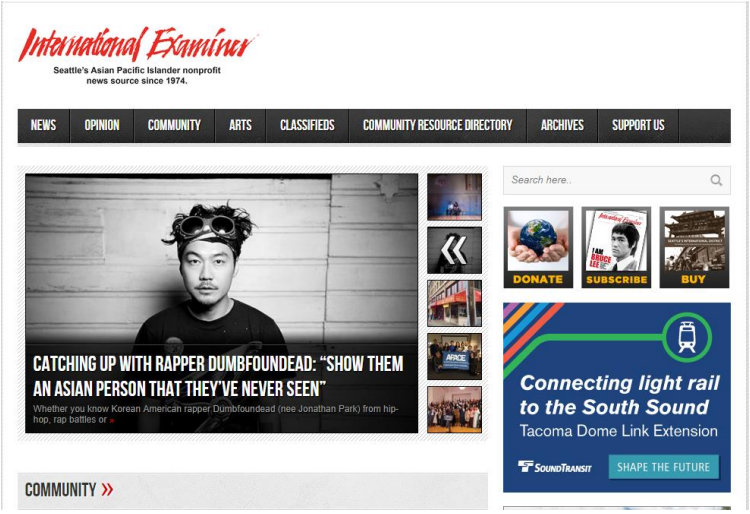

Tacoma News Tribune

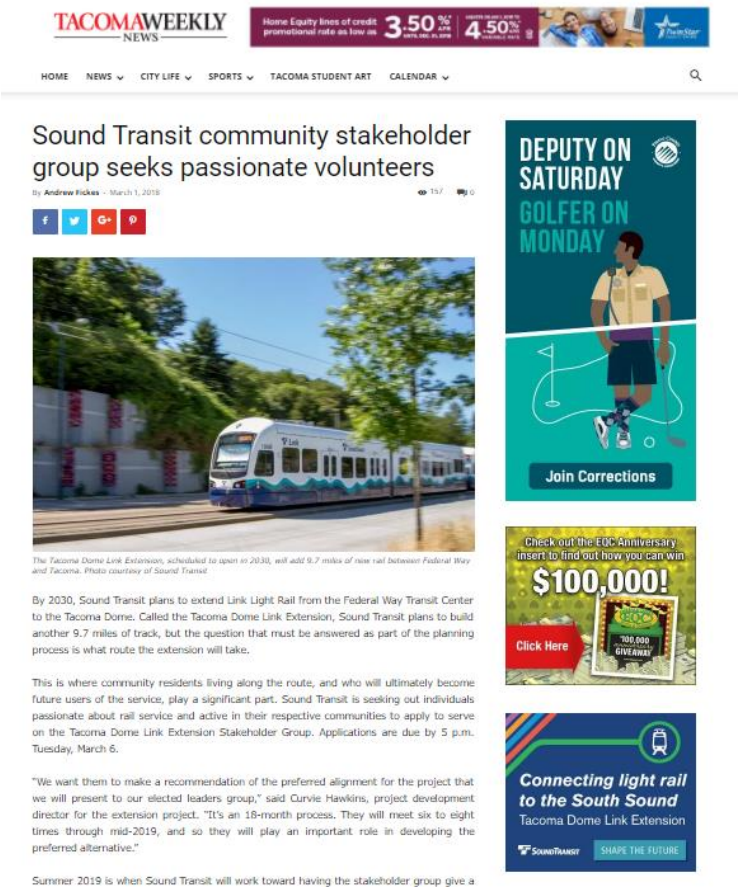

Advertisements were published in Korean in The Korea Daily and Korean Times Seattle.

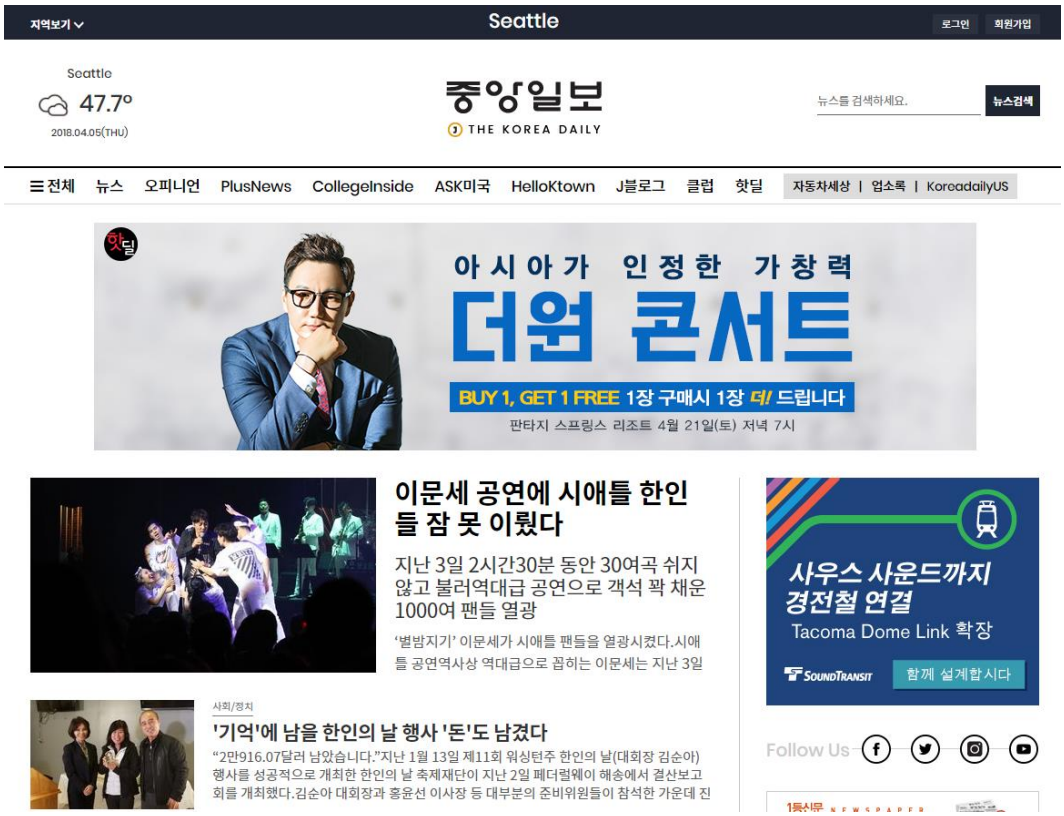

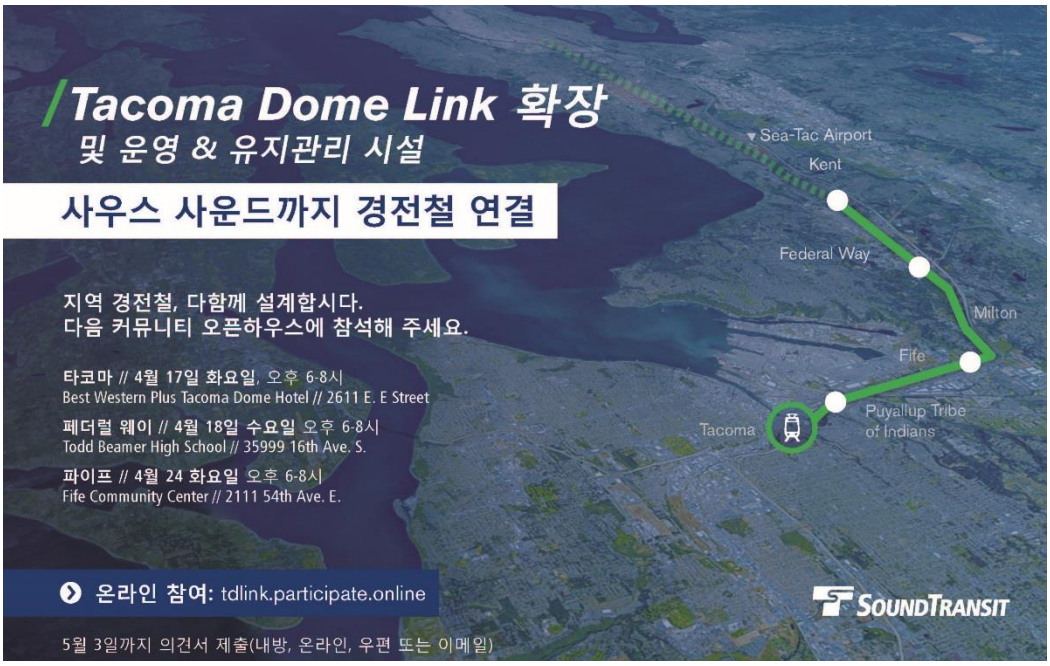

Advertisements were published in Spanish in El Siete Dias and Tu Decides.

Advertisements were published in Vietnamese in the Northwest Vietnamese News.

APPENDIX D

Early Scoping Comments from Tribes and Agencies

Appendix D. Early Scoping Comments from Tribes and Agencies

Early scoping comment letters were received from one tribal government and 11 agencies and are included in this appendix in the following order:

Tribe

- Puyallup Tribe of Indians

Federal Agencies

- Federal Highway Administration
- U.S. Environmental Protection Agency

State Agencies

- Washington State Department of Ecology
- Washington State Department of Natural Resources
- Washington State Department of Transportation

Regional and Local Agencies

- Port of Tacoma and Northwest Seaport Alliance
- Puget Sound Regional Council
- King County, Metro Transit Division
- City of Federal Way
- City of Fife and Fife City Council
- City of Tacoma

Puyallup Tribe of Indians

Dave Somers
Chair, Sound Transit Board
401 South Jackson Street
Seattle, WA 98104

April 30, 2018

RE: Sound Transit Scoping Process Initial Comments

Dear Chair Somers,

The Puyallup Tribe of Indians is pleased to be working with Sound Transit staff in the initial scoping process for the Tacoma Dome Link Extension Project. The scoping process has provided important insight in how the Tribe can anticipate both the potential impacts and benefits of the representative alignment. Today, we provide our early scoping comments to help refine the project and to inform you and your staff.

1. Cultural & Environmental Considerations
    - The proposed alignment will be impacting several historic sites and Sound Transit will need to work with Historic Preservation Department to limit those impacts with frequent and adequate consultation.
    - Sound Transit should work with the Tribe's Historic Preservation Department to identify a preferable cultural resources consultant to work on the project.
    - The representative alignment entering into Pierce County abuts Tribe's "St. George" property (King County Parcel 3221049134) is a property that has a high risk for cultural and human remains and should be avoided.
    - The section of the representative alignment near SR 99 and 70th Ave E is an area of high risk probability for cultural and human remains. Sound Transit should work with the Tribe's Historic Preservation Department to determine suitability of piling locations in this area.
    - The Puyallup River crossing and relocation of Hylebos will have significant water quality impacts during construction. The Tribe will want to work closely with Sound Transit and it's contractors to avoid and minimize to greatest extent possible.
    - A clear span bridge over I-5 is highly preferable to additional columns in Puyallup River due to interruptions to fishing access and impacts to fishery and water quality.
    - The crossing of the proposed Sound Transit bridge over the Puyallup River will also impact the Ceremonial grounds which is considered a Traditional Cultural Property (TCP) and ST should work closely with Historic Preservation Department to protect any cultural resources that will be impacted to limit those impacts.

- The Tribe requests locating storm ponds and other stormwater features as soon as possible in this process, so we can work with Sound Transit on treatment scheme and configuration. Additional outfalls in the Puyallup River will be problematic. We will convey the enhanced treatment pond the Tribe used in the WSDOT I-5 HOV project to the Sound Transit team.

2. Impact to Tribal Properties
   - Any alignment should avoid individual tribal member trust properties. We have identified some of these properties within the vicinity of the representative alignment.
   - There are several individual member trust properties consolidated around the Milton Area along SR 99. Maintaining an I-5 alignment will avoid impacting them.
   - Additionally, there are two properties north of SR 99 in the City of Fife's Town Center concept area.
   - The station location in East Tacoma abuts an individual member's property. If any of these properties are essential we ask that you engage with these Tribal members early in the process.
   - The Puyallup Tribe will consider necessary right-of-way needs for the project over government owned tribal trust properties unless otherwise specified below.

3. Fife Area Representative Project Alignment and Station Location
   - The representative station location in Fife is not a feasible consideration and will greatly impact the Tribe's EQC and Tahoma Market operations. It is because of this reason that alternatives immediately be considered.
   - It is the Tribe's preferred option to have the initial rail alignment from the King/Pierce County boundary fall on I-5 and gently curve between SR 99 and 15th Street E to a preferred station location north of SR 99 between 54th Ave E and 59th Ave E with pedestrian access from SR 99.
   - Additionally, it is the Tribe's preferred option for rail alignment to cross 54th Ave E and move toward I-5 and continue along WSDOT right-of-way to avoid impact to a major Tribal community at 12th and Alexander Ave E.

4. East Tacoma Area Representative Project Alignment and Station Location
   - The Tribe anticipates working with Sound Transit to secure the necessary aerial easements/right-of-way over the Puyallup River and any necessary piling easements in the Puyallup River. These cannot be permanent easements under current BIA regulations and would be termed to a max of 99 years with renewal options.
   - It is the Tribe's preferred option that the rail alignment fall south of the Tribe's Ceremonial Grounds to avoid any impact to them (Pierce County Parcels 4715024440, 4715023640, 4715024450, 4715023610).

- The Tribe's preferred station location area is well within the current representative station location just north of the individual member trust property (Pierce County Parcels 4715011370, 4715011350).
- An alignment and station location South of I-5 along Portland Avenue should not be further considered as there is no feasible alignment/siting without large impacts to tribal properties and increasing the cost of the project exorbitantly by crossing the interstate two times.
- The East Tacoma site should have proper connectivity through enhancing pedestrian infrastructure under I-5 on Portland Avenue and R Street. Additionally, the station should be transit oriented to work with Pierce Transit services since there will be no parking at this location.

5. Tacoma Dome Area Representative Project Alignment and Station Location
    - The Tribe's preferred rail alignment from the East Tacoma Station is along East 26th Street.
    - The preferred station location would be (1) not to impact the Tribe's current land holdings in the area (Pierce County Parcels 2076230024, 2076230010, 2076220080, 2076220070) and (2) provide connectivity into other modes around Tacoma Dome Station (Sounder, Pierce Transit, Link, Amtrak). If any of the above identified parcels are essential the Tribe is willing to entertain potential offers for easements/right-of-way. The Tribe cannot sell property under its constitution but can grant easements/right-of-way in 99 year terms under current BIA regulations. This may however not be acceptable for Sound Transit.

Finally, we would like to request setting up a meeting with our tribal community and individual member trust property owners to help provide input on the alignment and station locations. We take our member's concerns seriously and would like to offer them the opportunity to voice their concerns directly with Sound Transit. Please work with our staff on coordination with this effort.

The Puyallup Tribe of Indians looks forward to continuing to work with Sound Transit on finding a viable preferred alignment for the Tacoma Dome Link Extension. We are aligned with Sound Transit's mission to provide transit options to our tribal community and throughout the Puyallup Reservation.

Sincerely,

Bill Sterud

Chairman Bill Sterud
Puyallup Tribe of Indians

3009 East Portland Avenue, Tacoma, WA. 98404 Ph: (253) 680-5774 Fax: (253) 680-5771

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
WASHINGTON DIVISION
SUITE 501, EVERGREEN PLAZA
711 SOUTH CAPITOL WAY
OLYMPIA, WA 98501

May 2, 2018

Mr. Steven Kennedy
Tacoma Dome Link Extension
Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826

FHWA Comments on Tacoma Dome Link Extension (TDLE)

Dear Mr. Kennedy,

First, I would like to thank Sound Transit for the opportunity to attend the Tacoma Dome Link Extension (TDLE) Early Scoping Meeting on April 17, 2018 and the Fife Station Area Workshop on May 1, 2018. Please accept these written comments related to the TDLE project.

The Federal Highway Administration (FHWA) is an agency within the U.S. Department of Transportation (USDOT). USDOT is made up of several agencies including our partners at the Federal Transit Administration (FTA). Together FHWA and FTA are stewards for a multi-modal approach to the movement of people and goods, including pedestrians, bicyclists, freight, passenger vehicles, buses and other transit (including for-hire services), and commuter and light-rail trains.

FHWA is the steward of the National Highway System (NHS or System). The NHS includes the Interstate Highway System (Interstate) as well as highway segments that access ports, cities, manufacturing centers, facilities important to the defense of our nation, and other significant locations. The NHS provides mobility for the many modes of transportation that use the System, serving all users to the best ability that can be provided. It is in the national interest to preserve and enhance the performance of the Interstate, and the NHS, to meet the needs of the 21st Century and beyond. Interstate interchange areas are a part of the NHS.

As the steward of the NHS it is the responsibility of FHWA to assure that users of the System are provided the highest level of service in terms of safety and mobility while balancing the need for access to the System and the communities the System serves. To accomplish that responsibility, FHWA monitors the operation of Interstate interchanges providing connectivity to local communities, while striving to maintain the efficiency, functionality, and mobility Interstate users expect. It is critical to understand that the function of Interstate interchanges is not to serve adjacent land uses; they are the nodes of access between the local street system and the Interstate. Local access is a fundamental responsibility of the local street network and the community itself.

USDOT works with our state and local partners to develop multi-modal and multi-faceted transportation systems that work as seamlessly as possible to: assure public safety, provide mobility to all users, and

assure that the NHS and other modes operate as efficiently as possible. The goal of all transportation systems should be to facilitate the development of vibrant live-able communities while providing the mobility to support and enjoy those communities.

Sound Transit has presented a "representative alignment" for the TDLE that is located along side Interstate 5 (I-5) for significant distances between Federal Way and Fife, and Fife and Tacoma. Locating the alignment along I-5 will require that we work together to find solutions that reflect the goals of the FHWA, Sound Transit, and the communities the TDLE will serve.

Riders using High Capacity Transit (HCT) rely on access to and from an HCT station by other means, such as buses, cars, walking, or biking. Those other means rely upon the local network of streets and paths to access the HCT station. The local street network also provides access to and from the NHS interchanges. When considering locating an HCT station at or near an NHS interchange the evaluation of how riders will access that station must be evaluated, that evaluation should include the potential for impacts to the users of the NHS as well. I have come to think of the joint use of the local street system to access the HCT system and the NHS as cross-congestion. That is, the riders accessing the HCT station will occupy the same streets that are used to access the NHS; those streets are uniformly already congested. Adding further cross-congestion could be detrimental to both the riders of HCT and the vehicles destined for the NHS. An additional consideration is that the ridership of the HCT that walk or bike to the station will be moving through a congested the street system. Introducing pedestrians and bicyclists into an already congested street network will increase the potential for vehicle/pedestrian and vehicle/bicycle accidents. HCT station development decisions must seek to avoid cross-congestion as it can negatively impact both the HCT riders and the NHS users.

The FHWA has the following comments related to the TDLE early scoping process:

1) The location of HCT stations must facilitate future planning and development of urban centers.
2) HCT stations should be located to accommodate community growth typically associated with those stations, often called Transit-Oriented Development or TOD, while increasing access for bike or foot travel within the "walk shed" of those stations.
3) The location selection, development, and design of HCT stations must take into consideration their proximity to NHS interchange areas, other transportation modes, and the impact to the NHS and those modes.
4) Traffic analysis for HCT station siting must consider the movement of traffic accessing the HCT as well as the Interstate systems to avoid overlap and undue cross-congestion of surface traffic.
5) Traffic analysis must also consider the safety of users, including evaluating the potential for and mitigation of vehicle/pedestrian, vehicle/bicycle, or vehicle/vehicle accidents and crashes as all modes of transportation move to or from the site of the HCT station.
6) If an HCT station is located near an NHS interchange, impacts to the System must be fully evaluated and mitigated.
7) Refer to comment #2 above – the proponents should analyze the location of the South Federal Way Station (immediately west of Interstate 5) to assure that its location will not restrict potential TOD and the walk shed. Locating the South Federal Way Station farther to the west and possibly north, closer to SR 99, perhaps near 336th Street, may allow a more comprehensive future growth plan, better accommodate TOD, and separate the HCT node from the Interstate node, providing benefit to both modes of travel.
8) The area along I-5 between Porter Way and the 54th Avenue interchange (near the future SR 167 crossing of I-5 and SR 99) is extremely tight. Locating the TDLE alignment between I-5 and SR 99 will be difficult given the constraints of that location and the planned widening of I-5.

9) Refer to comment #2 and #7 above – the Fife Station near the 54th Avenue Interchange should be analyzed to assure its location will support TOD and the walk shed. Locating the station along 12th or 15th may well provide benefits to the City of Fife, HCT ridership, and NHS users.
10) The proposal, as presented at the April 17 scoping meeting, includes a new crossing of the Puyallup River slightly downstream from the I-5 bridges currently under replacement. The City of Tacoma is currently pursuing the replacement of the bridge that carries Eells Street over the Puyallup River. We recommend that Sound Transit and the City of Tacoma consider a joint bridge to carry Eells Street and the TDLE across the river, thereby reducing the number of river crossings. This would also create the potential for an improved Tacoma Dome Station location aligning more efficiently with the Link to downtown Tacoma and the Amtrak station.

Thank you for the opportunity to participate in the early scoping process for the TDLE. Please feel free to contact Dean Moberg at 360-534-9344 with any questions or need for clarification.

Dean Moberg, P.E.
Federal Highway Administration

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3140

OFFICE OF
ENVIRONMENTAL REVIEW
AND ASSESSMENT

May 2, 2018

Mr. Steve Kennedy, Senior Environmental Planner
Sound Transit
401 South Jackson Street
Seattle, Washington 98104-2826

Dear Mr. Kennedy:

The U.S. Environmental Protection Agency has reviewed the Sound Transit Early Scoping Information Report for the Tacoma Dome Link Extension and Operations and Maintenance Facility South (EPA Region 10 Project Number 18-0020-FTA). The EPA comments are provided pursuant to the National Environmental Policy Act, Council on Environmental Quality regulations (40 CFR Sections 1500-1508) and Section 309 of the Clean Air Act.

The Tacoma Dome Link Extension representative project is approximately 9.7 miles in length and would extend from the Federal Way Transit Center to the Tacoma Dome Station. The proposed project includes two parking garages (at south Federal Way and Fife), a rail-only fixed span bridge over the Puyallup River, a south corridor Operations and Maintenance facility, and stations in south Federal Way, Fife, east Tacoma, and the Tacoma Dome.

We appreciate the helpful online open-house information provided by Sound Transit. We offer the following comments based on the information available at this early stage of project development.

Purpose and Need, Goals and Objectives

We support the project purpose and need. We especially encourage special emphasis be placed upon serving and improving the quality of life for the high concentrations of low income, minority, vulnerable, disadvantaged, and transit-dependent populations within the project area. We recommend that Sound Transit adopt a goal, with supporting objectives, for improving public health and human well-being in communities that are already experiencing a disproportionate level of social, environmental, health, and economic impacts. A well-located and designed project that minimizes negative impacts from project construction, operations, and maintenance, and integrates multi-modal transport, particularly non-motorized modes, with uplifting design features, access to open spaces, and diverse natural vegetated areas could contribute to community placemaking and improved public health.[1]

We also recommend children's health and safety be a prominent consideration. While public transportation via light rail should produce net benefits to communities served, it is important to be attentive to its location, construction, and operational impacts to ensure that the most disadvantaged and vulnerable populations are not disproportionately and cumulatively affected by project impacts. For example, using the EPA EJSCREEN GIS tool to assist with an analysis of the representative alignment, we find there are many schools nearby that are currently experiencing impacts from Interstate 5 and

[1] http://www.placemakers.com/2018/04/03/healthiest-neighborhoods-both-walkable-and-green/

other roadways. We would expect additional air pollution, noise, safety, and other impacts to schools and the surrounding communities from the Tacoma Dome Link Extension project construction activities, as well as the impacts from system operations and maintenance. Of particular concern are the air quality impacts from construction diesel emissions, other particulate matter, noise impacts to learning and residential environments, and the need for safe routes to schools. We also recommend project communications be in the appropriate languages for affected populations and issued through culturally appropriate means.

Range of Alternatives

We support the measures and considerations for developing alternatives, which are listed in the Early Scoping Information Report. In addition to the representative alignment, we recommend the range of alternatives include one or more routes along SR 99. An SR 99 route could support existing communities in terms of access, walkability, and transit oriented development. We also recommend the Operations and Maintenance Facility South location alternatives be within existing commercial/industrial/paved areas. Consider, too, whether there are brownfield sites that could be re-developed for this beneficial use.

Recommendations:

- Strive to incorporate both equity and health, including children's health and safety, considerations in evaluating project alternatives, design, and construction/operations/ maintenance impacts;
- To improve equity, health, community and economic vitality, clean up and re-use any contaminated sites that may occur within proposed alignments;
- Identify and incorporate the needs of Limited English Proficiency (LEP) residents in project alternatives, design, construction, operations, and maintenance. For example, there is a substantial Korean LEP population in Tacoma. When the Portland light rail service began, LEP was found to be a contributing factor in an alarming number of deaths due to train strikes. Consider using faith-based means (churches) for access, communication, and outreach to these populations. Learn and incorporate varied ways to effectively communicate operational and safety factors for LEP and disabled persons;
- In response to the limited environmental screening presented in the Early Scoping Information Report, we support alternatives that both serve Environmental Justice/disadvantaged and under-served neighborhoods, and that would avoid negative impacts to habitat corridors, existing open/green spaces, and sensitive natural areas. More information is needed to determine the potential positive and negative effects of alignments that would pass through historic districts, parks, tribal lands, or other important social, cultural sites;
- Provide efficient, convenient connections with other public transportation routes and modes, including non-motorized travel, to lessen dependency on private automobiles, increase accessibility for underserved populations, reduce greenhouse gases and other air pollution. We have found that it is important to monitor current connections, such as between commuter rail and light rail, to evaluate the ease of making these connections;
- Examine the travel time and effort, particularly for the disabled, that are necessary to make these connections, and whether frequency of service is adequate to achieve transport that is both time and cost effective. Use monitoring results to inform planning and alternatives for the Tacoma Dome Link Extension;

- Continue to seek and evaluate ways that the Tacoma Dome Link Extension could leverage additional benefits to and from other current housing, commercial, and transportation investments; and,
- Ensure effective government to government consultation and coordination with affected Indian tribes, in accordance with Executive Order 13175. Incorporate provisions to ensure protection of tribal treaty rights and resources.

A general list of other environmental, transportation, and community impacts and benefits that we recommend be considered in developing alternatives and discussed in the NEPA analysis include, but are not necessarily limited to:

- Aquatic resources – effects to watersheds, hydrology, runoff; water quality and quantity for surface water, ground water, private or public drinking water supplies; effects to rivers, streams, wetlands, shorelines, riparian areas, lakes, ponds, estuaries, floodplains, marine waters; effects to waters listed as impaired under Clean Water Act Section 303(d); Clean Water Act anti-degradation provisions;
- Endangered, threatened, candidate, sensitive federal or state species and habitats; local areas of high biological diversity;
- Indirect and cumulative effects – to human health and/or environmental/natural resources of concern;
- Open space – greenways, parks, resource lands, wildlife areas, other valued public and/or open spaces;
- Ecological connectivity – need to provide for and/or effects upon existing habitat areas and corridors;
- Changes in climate – discuss impacts both on the project and from the project related to greenhouse gas emissions and adaptation; and,
- Air quality – transportation related emissions of criteria air pollutants and mobile source air toxics; construction-related emissions.

We would be happy to provide more detailed information regarding any of the above subjects. If at any time you have questions, would like to discuss these comments, or need information please contact me at (206) 553-2966, or by email at somers.elaine@epa.gov. Thank you for the opportunity to contribute to the early scoping phase of the Tacoma Dome Link Extension project.

Sincerely,

Elaine L. Somers
Environmental Review and Sediment Management Unit

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

May 3, 2018

Steve Kennedy, Senior Environmental Planner
Sound Transit
401 South Jackson Street
Seattle, WA 98104-2826

Dear Mr. Kennedy:

Thank you for the opportunity to comment on the early scoping for the Tacoma Dome Link Extension and Operations and Maintenance Facility South Project located from Federal Way to Tacoma Dome in King County and Pierce County. The Department of Ecology (Ecology) reviewed the environmental checklist and has the following comment(s):

AIR QUALITY/GREENHOUSE GASES: Gail Sandlin (360) 407-6800

Construction and operation GHG emissions should be estimated. Plus considerations of climate adaptation issues such as severe weather events for flooding or landslide risks.

TOXICS CLEANUP: Eva Barber (360) 407-7094

Portions of this proposed project are located in an area that may have been contaminated with heavy metals due to the air emissions originating from the old Asarco smelter in north Tacoma (visit Ecology's Tacoma Smelter Plume map search tool: https://fortress.wa.gov/ecy/smeltersearch/).

Soil contamination from the former Asarco smelter poses a risk to human health and the environment. Children are at especially high risk from direct exposure to contaminated soil. Construction workers, landscapers, gardeners, and others who work in the soils are also at risk.

Ecology recommends that the lead agency include the following as conditions of approval, prior to the issuance of any site development permits or the initiation of grading, filling, or clearing:

- Sample the soil and analyze for arsenic and lead following the 2012 Tacoma Smelter Plume Guidance. The soil sampling results shall be sent to Ecology for review. If the

project includes open space areas, contact the Technical Assistance Coordinator, Eva Barber, for assistance in soil sampling methodology within the open space area.

- If lead or arsenic are found at concentrations above the Model Toxics Control Act (MTCA) cleanup levels (Chapter 173-340 WAC); the owners, potential buyers, construction workers, and others shall be notified of their occurrence. The MTCA cleanup level for arsenic is 20 parts per million (ppm) and lead is 250 ppm.

- If lead, arsenic and/or other contaminants are found at concentrations above MTCA cleanup levels, the applicant shall:

  1) Develop soil remediation plan and enter into the Voluntary Cleanup Program with Ecology. For more information on the Voluntary Cleanup Program, visit Ecology's website at: http://www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

  2) Obtain an opinion letter from Ecology stating that the proposed soil remediation plan will likely result in no further action under MTCA. The applicant shall provide to the local land use permitting agency the opinion letter from Ecology.

  3) Prior to finalizing site development permits, provide to the local land use permitting agency "No Further Action" determination from Ecology indicating that the remediation plans were successfully implemented under MTCA.

- If soils are found to be contaminated with arsenic, lead, or other contaminants, extra precautions shall be taken to avoid escaping dust, soil erosion, and water pollution during grading and site construction. Site design shall include protective measures to isolate or remove contaminated soils from public spaces, yards, and children's play areas. Contaminated soils generated during site construction shall be managed and disposed of in accordance with state and local regulations, including the Solid Waste Handling Standards regulation (Chapter 173-350 WAC). For information about soil disposal contact the local health department in the jurisdiction where soils will be placed.

The link below provides a fact sheet that explains more how the arsenic and lead clean-up levels were set and why Ecology sees that they are protective for human health: https://fortress.wa.gov/ecy/publications/SummaryPages/1109095.html.

For assistance and information about Tacoma Smelter Plume and soils contamination, the applicant shall contact, Eva Barber with the Toxics Cleanup Program at (360) 407-7094 or via email at Eva.Barber@ecy.wa.gov.

Ecology's comments are based upon information provided by the lead agency. As such, they may not constitute an exhaustive list of the various authorizations that must be obtained or legal requirements that must be fulfilled in order to carry out the proposed action.

If you have any questions or would like to respond to these comments, please contact the appropriate reviewing staff listed above.

Department of Ecology
Southwest Regional Office

(MLD:201801574)

cc: Gail Sandlin, AQ/GHG
Eva Barber, TCP

HILARY S. FRANZ
COMMISSIONER OF PUBLIC LANDS

DEPARTMENT OF
NATURAL RESOURCES

SOUTH PUGET SOUND REGION
950 FARMAN AVENUE N
ENUMCLAW, WA 98022-9282

360-825-1631
TRS 711
SOUTHPUGET.REGION@DNR.WA.GOV
WWW.DNR.WA.GOV

May 3, 2018

Steve Kennedy, Environmental Planner
Sound Transit
Tacoma Dome Link Extension
401 S Jackson Street
Seattle WA 98104-2826

Subject: Tacoma Dome Link Extension

Mr. Kennedy:

Thank you for the opportunity to provide comments on the Tacoma Dome Link Extension Project. The Department of Natural Resources (DNR) is steward of Washington's aquatic lands and their resources. Aquatic lands are managed for current and future citizens of the state to sustain long-term ecosystem and economic vitality, and to ensure access to the aquatic lands and the benefits derived from them. Washington DNR's management authority derives from the State's Constitution (Articles XV, XVII, XXVII), Revised Code (RCW 79.02 and 79.105) and Administrative Code (WAC 332-30). As proprietary manager of state-owned aquatic lands, DNR has been directed to manage the lands "…for the benefit of the public" in a manner that provides "…a balance of public benefits for all citizens of the state" that includes"

Encouraging direct public use and access

Fostering water-dependent uses

Ensuring environmental protection, and

Utilizing renewable resources.

In addition, generating revenue in a manner consistent with subsections 1) through 4) of this section is a public benefit (RCW 79.105.030).

The project may be located on Aquatic Lands owned by the State of Washington and managed by DNR. You must obtain authorization from DNR prior to building structures in the water and air space above state-owned aquatic lands or to harvest seaweed, shellfish, sand, or other resources for commercial use.

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To ensure sustainable management of state-owned aquatic lands, DNR has established environmental protection goals. These goals seek to ensure uses of state-owned land do not result in: shading that harms aquatic vegetation and fish migration; compaction, disruption, or impeding the natural movement of sediments; underwater noise that can disrupt important aquatic species when they are most vulnerable; or, release harmful contamination and waste. DNR is committed to working with applicants, in coordination with permitting agencies, to find ways to avoid impacts to aquatic habitats and species on state-owned aquatic land.

It is understood that the project is in the scoping phase. If this proposal will impact state-owned aquatic lands, DNR will need additional information and will request a site visit in order to identify measures necessary to avoid environmental impacts.

I can provide you with an application and discuss the authorization process before you apply for permits. As Land Manager, I am also available to meet with regulatory agencies to discuss the proposal in an effort to meet mutual goals while avoiding unnecessary expense or delays in the review of project proposals. Please do not hesitate to call me at 206-455-1014 or email me at trina.sunderland@dnr.wa.gov should you need additional information, or to arrange a meeting.

DNR reserves the right to comment on future amendments and revisions to this proposal.

Sincerely,

Trina Sunderland

Trina Sunderland, Easement Land Manager
Shoreline District Aquatics

c: Neal Cox, DNR
File

Washington State
Department of Transportation

Regional Transit Coordination Division
C/O Sound Transit Union Station
401 South Jackson Street
Seattle, WA 98104
206-464-1220 / FAX: 206-464-1189
TTY: 1-800-833-6388
www.wsdot.wa.gov

May 3, 2018

Tacoma Dome Link Extension Team

RE: Tacoma Dome Link Extension (TDLE) Early Scoping Comments

The Washington State Department of Transportation (WSDOT) is pleased to provide Early Scoping comments for the Tacoma Dome Link Extension project (TDLE). The project aligns with WSDOT's vision of providing a sustainable and integrated multimodal transportation system and includes working with local transit agencies to promote transportation choices.

The comments below are compiled from various WSDOT staff including those that attended the Agency Early Scoping meeting.

General Comments:
The TDLE project presents an exciting opportunity for Sound Transit to collaborate with other agencies in building a seamless, integrated transit system that connects not only connects Tacoma, Fife and Federal Way to Seattle but also provides connections and increased transportation options between communities in Pierce County and South King County. In turn, an integrated transit system supports regional centers designated by the Puget Sound Regional Council (PSRC) and the projected growth in population and employment throughout the region. WSDOT's strategic goals include optimizing system capacity through better interconnectivity of all transportation modes and managing system assets and multimodal investments on corridors to enhance economic vitality.

WSDOT encourages the TDLE project to continue working with local jurisdictions to develop safe and direct non-motorized access to future light rail stations and to encourage Transit Oriented Development (TOD) in station areas.

It is probable that the comments we make now are applicable for the current situation and maybe even as far in the future as the next several decades, but we should be forward thinking enough to plan for this light rail stations & alignment to function in 75 years when much of the area will most likely be substantially redeveloped.

Purpose & Need:

The sixth bullet under Purpose and Need mentions encouraging equitable and sustainable growth consistent with adopted local comprehensive or land use plans. As this is a "75 or 100-year" project, it should look beyond adopted plans and reference local vision which may not have been adopted yet but are relevant to future growth and development.

WSDOT Coordination:
WSDOT will coordinate with the TDLE project on the upcoming Compatibility Report that will outline WSDOT's needs and any potential future expansion of I-5, which will then help to guide the location of light rail facilities within or adjacent to the right of way. Since the Compatibility Report is not yet available now we cannot include specific comments regarding WSDOT right of way.

WSDOT expects that any crossings of state highways and ramps by light rail will not be at grade and they will separated in some form.

State Route (SR) 167 Completion Project:
The design of TDLE in Fife near the existing overpass of 70th Avenue must not preclude the ultimate build-out of the future I-5/SR 167 interchange at this location. WSDOT has provided the design plans to Sound Transit staff for the full interchange that was included in the 2006 Final Environmental Impact Statement (FEIS); this is the best information available at this time for the ultimate build-out of this interchange.

WSDOT is currently preparing a National Environmental Policy Act (NEPA) Re-Evaluation for the project for the Phase 1 Improvements, which is a lesser scope than what is included in the 2006 FEIS. The expected completion date for this NEPA Re-Evaluation is August 2018. This design information was provided to Sound Transit staff. Construction of the first stage of this interchange is funded and scheduled to begin in late 2019.

WSDOT will be preparing an updated design for the ultimate build-out of the I-5/SR 167 interchange, which will take into consideration the Phase 1 Improvements included in the current NEPA Re-Evaluation. This design information is expected to be completed by the end of calendar year 2018 and will be made available to Sound Transit upon request. The TDLE team should plan to work around the SR 167 project by using the current EIS configuration and then be ready to make adjustments when the final configuration is decided.

South Federal Way Station Area:
The representative alignment shows this station at a constrained site between the I-5/SR 18/SR 161 Southbound off/on ramps and the Home Depot parking lot. The next phase of the ongoing I-5/SR 161/SR 18 Triangle Project will add a southbound off ramp from I-5 to SR 161 that will further constrain the station site. The TDLE project should consider moving the station further west which would capture a larger walkshed and provide a better opportunity to create future transit oriented development.

The City of Federal Way is currently studying the South 320th St Corridor though it is too early in the process to determine if there are any changes planned that could affect this light rail project. An option considers alterations to South 324th St. The TDLE team needs to keep this in mind as the planning progresses.

Fife Station Area:
The representative alignment location of this station is inside the southbound I-5 off ramp of the I-5/54th Ave East interchange. Access at such a location would be very difficult for a station that acts as a node for connecting light rail to pedestrian, bicyclists and users arriving by bus. The station's proposed location places a line of columns in the midst of a major I-5 interchange; this will restrict future WSDOT changes to this interchange. WSDOT does not support this location and recommends moving the station north to Pacific Highway East of 15th Street East, locations that will work significantly better for getting people to and from light rail and act as a catalyst for transit oriented development.

The City of Fife has stated that it would like to redevelop its city center around the future light rail station; WSDOT's experience in the area has shown that there are poor soil conditions and

potential climate change impacts in a low-lying area. Extensive soil analysis is required to verify conditions for the light rail alignment and if development were feasible.

Sound Transit should be aware that WSDOT has entered into agreement with multiple businesses with I-5 frontage allowing them to maintain the landscaping between I-5 and their property. These businesses contract with a landscaping company to keep this area clean and well-groomed to provide good visibility and appearance of their businesses. The representative alignment will impact some of those businesses as well as an existing WSDOT Project Engineering Office.

East Tacoma Station Area:
The representative location of this station is quite close to the low-income East Tacoma neighborhood and the Emerald Queen casino currently under construction. However, access to the neighborhood would be along Portland Avenue under I-5, which forms a significant barrier that is poorly lit with narrow sidewalks. The project team needs to coordinate closely with the City of Tacoma, WSDOT and the local community to develop ways of improving the connection and access for all modes if an alternative station location is not feasible.

Tacoma Dome Station Area:
The Tacoma Dome station is outside of I-5 or any other state right of way, therefore WSDOT has no comments on right of way impacts. WSDOT encourages the TDLE project to optimize the transfer opportunities between TDLE Light Rail, Tacoma Link Light Rail, Pierce Transit buses and other service providers at the Tacoma Dome station.

Operations and Maintenance Facility (OMF):
The OMF is expected to be placed outside WSDOT right of way, if it is placed on the east side of I-5, the opposite side of the main portion of the TDLE alignment, then the light rail alignment will most likely have to cross over I-5 twice. This is not our preference. We will support the best solution by working with Sound Transit, but we do not want added crossings of I-5 for this OMF unless it is the only solution. Two crossings of I-5 by light rail structures to service the OMF will most likely restrict future adjustments to I-5 by WSDOT which we prefer to avoid.

Thanks again for the opportunity to comment, WSDOT looks forward to continuing interaction with The TDLE project going forward.

Philip Harris

Comments compiled from Dylan Counts, Doug Haight, Celeste Gilman, JoAnn Schueler, Steve Fuchs, Steve Roark, and Philip Harris

From: Bagley, Susan Bagley@wsdot.wa.gov
Sent: Wednesday, May 2, 2018 12:51 PM
To: Tacoma Dome Link Extension
Subject: Tacoma Dome Link Extension - Comments

Thank you for the Open House last week. I shared several comments in person, but as soon as I left, I remembered that there is another very important consideration when siting the Fife Light Rail Station:

The former Interurban Railroad right-of-way has been repurposed through the City of Milton as a bicycle-pedestrian trail, which currently extends to 70th Ave, in Fife WA. The coordination your project is doing with the SR 167 extension (as part of the Gateway program) will keep you informed of the revisions to 70th Ave as well as the revisions to the bicycle-pedestrian trail.

My biggest and most emphatic comment is about making sure that there is adequate parking at the Fife Station, since the terrain is not very conducive to walking or bicycling (for most people); however, if the Fife Station could be located NORTH of the 54th Street Interchange and near the bicycle-pedestrian trail, it would certainly encourage many transit riders to consider walking or bicycling to the station.

I'm sure your team has already been considering these issues, but wanted to make sure we have it listed on the official comments list to be addressed in the EIS process.

Thank you, and if you have questions or need additional information, please let me know.

May 3, 2018

Board Chair Dave Somers
Tacoma Dome Link Extension
Sound Transit
401 S. Jackson Street Seattle, WA 98104

VIA EMAIL: dave.somers@snoco.org
tdlink@soundtransit.org

Re: Tacoma Dome Link Extension Early Scoping Comments

Dear Board Chair Somers:

Thank you for the opportunity to provide early scoping comments to start the project development and environmental process for the Tacoma Dome Link Extension. The impact of the project's representative alignment to Port of Tacoma and Northwest Seaport Alliance operations in the Tacoma Tideflats could be significant. This is true both during construction and subsequent operations. We appreciate that your staff has already reached out to ours, and look forward to partnering in the development of this critical new infrastructure.

The Port of Tacoma is a public municipal corporation established in 1918. Today, it includes the Northwest Seaport Alliance, a marine-cargo operating partnership of the Port of Seattle and Port of Tacoma. The Alliance is the nation's fourth largest container hub in the United States, serving as the "Pacific Gateway" for trade between Asia and the central and eastern United States, as well as the Northwest. In addition, the vast majority of trade between Alaska and the lower 48 states passes through Tacoma.

We are responsible for creating good jobs across Washington State by advancing trade and commerce, promoting manufacturing and maritime growth and stimulating economic development. To be successful in that mission, it is critical that other jurisdictions and government agencies like Sound Transit recognize the complicated nature of our operations and collaborate closely when major projects have the potential to impact our assets.

We fully support high-capacity transit to reduce congestion along the I-5 corridor, and look forward to a time when we can board a Link train to the airport at the Tacoma Dome. An integrated and robust transportation system is essential to maintaining Puget Sound's economic competitiveness and quality of life. At the same time, we must make sure that the future Link line avoids negative impacts to truck and rail access to the Port of Tacoma Manufacturing Industrial Center, both during construction and operation.

We also need to protect the untapped capacity to improve truck and rail freight infrastructure in the future.

We look forward to continuing our successful work with Sound Transit staff toward a system expansion that moves the region forward while complementing our ongoing economic development efforts.

Detailed early scoping comments developed by our staff are provided. Thank you for your consideration and continued cooperation.

Sincerely,

Donald G. Meyer, President
Port of Tacoma Commission

cc: Sound Transit CEO Peter Rogoff
Port of Seattle Commission
Port of Tacoma Commission
Port of Tacoma & Alliance CEO John Wolfe

Dear TDLE staff,

Thank you for the opportunity to submit these early scoping comments. We strongly believe that this extension will significantly improve transportation options in our region. At the same time, there is the potential for significant risk to multiple stakeholders should the key issues identified below remain unaddressed. We look forward to working with you in defining the Tacoma Dome Link Extension's (TDLE's) preferred alignment and station locations in a way that addresses these issues, and appreciate our inclusion in the interagency team. For future coordination efforts, our staff contacts are:

Evette Mason, Local Government Relations Manager, Port of Tacoma, emason@portoftacoma.com, 253-383-9435

Christine Wolf, Senior Planner, Northwest Seaport Alliance, cwolf@nwseaportalliance.com or 253-888-4414

On the following pages, our comments follow the general outline of the Early Scoping Information Report:

I. Representative Alignment
II. Purpose & Need
III. Development of Alternatives

I. Representative Alignment – issues, concerns, and areas of agreement

Our team supports development of a truly regional high capacity transit system, and in particular the extension to the Tacoma Dome. We appreciate the years of planning described in the Early Scoping Information Report that helped get us to this point. We are pleased that the Alternatives Analysis is now funded, so that the project team and stakeholders can work on the many issues and concerns related to the representative alignment voiced by stakeholders. As you know, we have identified our own concerns at a high level in prior comment letters. Based on our assessment of the materials provided to date, here are our immediate concerns, focused in three areas of the preferred alignment:

- Fife Station
- Puyallup River Crossing
- East Tacoma Station

Fife Station

The preferred alignment assumes an elevated station in the I-5 right-of-way, straddling the south-bound off-ramp to 54th Street in Fife. The station is planned to provide 500 parking spaces, currently conceived to be located on Puyallup Tribal property, immediately adjacent to the freeway off-ramp and the intersection of the south-bound on- and off-ramps and SR-99/Pacific Highway and 54th Street. This intersection is one of very few access points to the Tideflats for trucks. It serves two T-1 freight corridors, the highest designation in the state's Strategic Freight Corridor network: 54th

Street and SR-99/Pacific Highway are both listed. The ramp and intersection also play an important role in providing badly needed resiliency in the roadway system supporting the Tideflats. It is already heavily congested, and will be more stressed in the future.

Projects like the Puget Sound Gateway's 70th Street Bridge relocation and SR-509 spur, as well as Fife's plans for the I-5 and 54th Street interchange will help reduce the stress on the intersection and ramp by providing an alternative (especially the SR-509 spur), or by relocating some turning movements to a different location (I-5 and 54th Street Interchange). However, both planned nearby TOD development and overall population and business growth in the wider area will continue to put pressure on the ramps and intersection, with the potential to affect the I-5 mainline.

Experience with Park & Ride lots along the existing Link system has shown that some lots exceed capacity, and that riders will drive further to a different station to find parking. It is not clear that future population densities in the vicinity of the proposed station (apart from Fife's planned TOD adjacent to it) will be sufficient for viable traditional transit service to the station. Similarly, the impacts of new ride services like Uber and Lyft, as well as potential future ride share options based on these, or other, services are currently unknown.

For these reasons, we have grave concerns about the representative alignment. We are looking forward to working with you to ensure the continued functionality of the intersection and ramp system. It will be critical to develop solid ridership estimates and determine the mode split of those future riders. The goal should be to carry out a thorough analysis of the potential traffic impacts of the station and related garage before a final decision on its location is made.

Puyallup River Crossing

The river crossing location of the representative alignment has the potential to affect both existing and future freight rail infrastructure serving the Tideflats, Port of Tacoma and Northwest Seaport Alliance facilities. There are concrete plans to improve the existing rail access to the General Central Peninsula and the existing BNSF Railyard along Puyallup Avenue in the vicinity of the representative alignment crossing. Care will need to be taken to ensure that the placement of pilings does not interfere with existing and planned freight rail infrastructure, both during construction and operation. We would be happy to support you in your coordination efforts with BNSF Railway.

East Tacoma Station

Our concerns related to the representative location of the East Tacoma Station are similar to those for the Fife Station. Portland Avenue is also a T-1 Washington Freight Strategic Corridor, providing access to I-5 from the two southern peninsulas in the Tideflats. It is also part of the City of Tacoma's Heavy Haul and Freight Priority Network. Like the 54th Street and SR-99/Pacific Highway intersection, it provides critical resiliency to an already heavy congested and constrained system. Continued large private warehousing developments in the Tideflats will add thousands of new daily truck trips in the coming years. It is essential that the functionality of the corridor as a major freight corridor is preserved.

We understand, and appreciate, this location's potential in providing a viable commute option for employees and customers of the future Puyallup Tribe of Indians casino. At the same time, we fear that a station without a park & ride in this location will draw numerous kiss & ride, Uber and Lyft drop-offs and pick-ups, especially during the morning peak. We look forward to a thorough analysis

of the impacts of a station in this location.

II. Purpose and Need

We generally support the Purpose and Need statement. However, we are concerned that the statement lacks recognition that the project is straddling access to the Port of Tacoma Manufacturing and Industrial Center (MIC), one of the region's largest and most productive MICs. We respectfully request that this fact is explicitly acknowledged in the official documentation of the project.

The Port of Tacoma's Land Use and Transportation Plan and the Container Port element of the City of Tacoma's Comprehensive Plan both provide guidance related to the protection of industrial lands in the Port of Tacoma MIC, and the transportation infrastructure that supports them. As the TDLE extension crosses road and rail infrastructure supporting the Tideflats, its path must respect the vitality and economic contributions of the maritime and industrial sectors, and acknowledge the symbiosis of land uses and transportation systems needed to ensure that they can fulfill that function in the future. Increased transit passenger mobility must be balanced with existing and future industrial capacity and capability in the Port of Tacoma MIC.

Purpose

The current Purpose includes seven bullet points, which are all important. In keeping with our comments above, we suggest adding text to the third bullet—proposed text underlined:

- "Connect regional growth centers as described in adopted regional and local land use, transportation and economic development plans, and Sound Transit's Regional Transit Plan, and support plans for the Port of Tacoma MIC, protecting the integrity of the freight infrastructure serving its businesses."

As well as the sixth bullet:

- "Encourage equitable and sustainable urban growth in station areas through support of transit-oriented development, station access, and modal integration in a manner that is consistent with local land use and transportation plans and policies."

Need

The Port of Tacoma fully supports the Needs statement contained in the Early Scoping Information Report, with the understanding that the right alignment and station location and design decisions will not simply reduce projected growth in freeway congestion by moving it to critical first and last mile freight facilities serving the Port of Tacoma MIC.

III. Development of Alternatives

Thank you for providing an opportunity to review potential evaluation measures and considerations as part of the early scoping process. We are heartened to see that you included "Land use and economic development" and "Traffic and other transportation effects" to the list. Please retain these two evaluation criteria, and develop measures and methods that ensure that the impacts on

the economic vitality of, and freight access to, the Port of Tacoma MIC are clearly identified. This will be essential for a balanced and rational decision process. We would be happy to work with you in defining measures and methods that will help achieve our goals.

We are looking forward to our continued work at the staff level to ensure that Tacoma will be able to enjoy access to a truly regional high capacity system. Please don't hesitate to call or email us with any questions or comments.

Puget Sound Regional Council
1011 WESTERN AVENUE, SUITE 500 \\\ SEATTLE, WA 98104·1035 \\\ psrc.org \\\ 206·464·7090

May 3, 2018

Tacoma Dome Link Extension Project
c/o Senior Environmental Planner Steve Kennedy
Sound Transit
401 S. Jackson Street
Seattle, WA 98104-2826

Subject: Tacoma Dome Link Extension Project

Dear Mr. Kennedy,

The Puget Sound Regional Council appreciates the opportunity to comment on the Tacoma Dome Link Extension during the Early Scoping period. As you are aware, implementation of high-capacity transit to support growing communities is fundamental to the success of VISION 2040, the region's integrated long-range strategy for growth management, transportation and economic development. The region's long-range strategy relies heavily upon the ability to leverage major investments such as Sound Transit's Link light rail extensions through siting stations in areas that provide an opportunity for Transit-Oriented Development (TOD) and multimodal access to those stations.

Incorporating TOD into Alternatives Analysis

PSRC supports building upon the work that Sound Transit accomplished during the Federal Way Link Extension, to incorporate a robust analysis of TOD in identification of preferred Link light rail station locations for the Tacoma Dome Link Extension. The work accomplished during the Federal Way Link Extension was a good start; Sound Transit can build upon that work to advance incorporation of TOD potential into station site selection.

Incorporating Regional Transit Access and Parking Strategy into Alternatives Analysis

We encourage Sound Transit to incorporate the Regional Transit Access and Parking Strategy into its Alternatives Analysis associated with Link light rail station locations. The Strategy is found on pages 40-41 of PSRC's Regional Transportation Plan which is scheduled for adoption by the PSRC General Assembly in May 2018. The Strategy was developed in cooperation with transit agencies, local jurisdictions, and other regional stakeholders, and can provide the basis for an analysis of station location that maximizes access to these important high capacity transit investments. Of particular note, the Strategy identifies Guiding Principles for delivering transit access, and articulates key strategies for improving transit access in the region. Key strategies including maximizing non-SOV access to transit; managing parking demand; and adding strategic parking capacity.

PSRC welcomes continued involvement in the Tacoma Dome Link Extension project. Our lead staff for this project will continue to be Gil Cerise, Principal Planner. Gil will ensure that appropriate PSRC staff are identified to assist Sound Transit in both incorporating TOD into the Alternatives Analysis and incorporating the Regional Transit Access and Parking Strategy into Alternatives Analysis.

The Tacoma Dome Link Extension is an important long-range investment for our region and we appreciate the opportunity to comment and participate. If you have any questions regarding our comments, please contact Gil Cerise at (206) 971-3053 or gcerise@psrc.org.

Sincerely,

Josh Brown

Josh Brown, Executive Director

cc: Curvie Hawkins, Tacoma Dome Link Extension Project Director
Gil Cerise, Principal Planner
Erika Harris, Senior Planer

King County
Department of Transportation
Metro Transit Division
Service Development
201 South Jackson Street
KSC-TR-0426
Seattle, WA 98104-3856

May 7, 2018

Tacoma Dome Link Extension
(c/o Steve Kennedy, Senior Environmental Planner)
Sound Transit
401 S Jackson Street
Seattle, WA 98104-2826

Dear Mr. Kennedy:

Thank you for the opportunity to submit comments on the Tacoma Dome Link Extension's purpose and need. In our joint 2014 Transit Integration Report, "Getting there together," King County Metro and Sound Transit envisioned urban transit facilities that would feature reduced travel time, a seamless system, and better customer experience. In order to reach these goals, Sound Transit should consider the following features for the South Federal Way Station.

Multimodal Station Access – The representative station location is shown adjacent to I-5 and big-box retail. This location limits effective bus/rail integration, discourages non-motorized access, and hinders future development. While considering cost and engineering challenges, the ultimate station location chosen for South Federal Way should maximize opportunities for multimodal access including efficient bus/rail transfers (Metro and Pierce Transit), transit oriented development, and good urban design.

South Federal Way Park & Ride – Sound Transit should consider this Metro owned asset when developing station concepts for the Level 1 conceptual evaluation. This underutilized park & ride could be used in the future for LRT parking or as a transit oriented development site.

King County Metro excited to collaborate with Sound Transit to significantly expand transit access to passengers throughout the Puget Sound Region. Please contact Steve Crosley at 206-477-5794, scrosley@kingcounty.gov for questions of further discussion related to the Tacoma Dome Link Extension project.

Sincerely,

Bill Bryant
Managing Director
Service Development

CITY OF
Federal Way
Centered on Opportunity

CITY HALL
33325 8th Avenue South
Federal Way, WA 98003-6325
(253) 835-7000
www.cityoffederalway.com
Jim Ferrell, Mayor

April 27, 2018

Tacoma Dome Link Extension
c/o Steve Kennedy
Senior Environmental Planner
Sound Transit
401 S Jackson Street
Seattle, WA 98104

Re: Comments on Tacoma Dome Link Extension Early Scoping

Dear Mr. Kennedy:

Thank you for the opportunity to provide comments and feedback on the early scoping document for the Tacoma Dome Link Extension project. The City of Federal Way is excited about the future connection from our downtown City core into Pierce County and the increased opportunities for transportation access that brings. We appreciate your staff's responsiveness and creativity and look forward to continuing the environmental process and seeing the project advance.

The City of Federal Way strongly supports completion of this project in the voter outlined timeframe while balancing the project with local community visioning and needs. It is also important to the City of Federal Way that this project provides for proper mitigation of impacts that it creates.

Enclosed please find the City of Federal Way's scoping comments for your review, comment, and incorporation into the Early Scoping process.

The City of Federal Way looks forward to being an active participant throughout this process. Increased mobility throughout the region is a benefit to all.

Should you have any questions please do not hesitate to contact EJ Walsh, P.E., PAEC Project Director/Deputy Public Works Director at (253) 835-2713.

Sincerely,

Jim Ferrell
Mayor

Enclosure: City of Federal Way's scoping comments

cc: Marwan Salloum, PE, Public Works Director
Brian Davis, Community Development Director
Rick Perez, P.E., City Traffic Engineer
Robert Hansen, Planning Manager

TECHNICAL COMMENTS
ON THE
TACOMA DOME LINK EXTENSION PROJECT

DATE:	April 27, 2018
TO:	Tacoma Dome Link Extension c/o Steve Kennedy
FROM:	EJ Walsh, PE, Deputy Public Works Director
SUBJECT:	Sound Transit Tacoma Dome Link Extension Partnering Agreement

BACKGROUND:

Thank you for the opportunity to provide comments on feedback on the early scoping document for the Tacoma Dome Link Extension project. If you have any questions or would like to further discuss any of the items below, please do not hesitate to contact me.

General Comments:

1. As part of the Federal Way Link Extension project, substantial input was gathered resulting in an I-5 alignment for that project. Within the City of Federal Way limits, the City is looking to ensure that previous, current and planned City and other regional project investments are not compromised by a proposed track alignment.
2. The siting, access, traffic circulation, etc. of the proposed station in the vicinity of S 352nd Street and Enchanted Parkway S (SR 161) is of high importance to the City of Federal Way. Specifically the City is looking to ensure safe and convenient access to the proposed station while not increasing traffic congestion within the area and minimizing the loss of property tax revenue.
3. Throughout the life of the project, the City of Federal Way is looking to see coordination, education, and sharing of information and updates with local businesses, residents and interest groups occur.
4. Within the proposed project area within the limits of the City of Federal Way, substantial environmental critical areas including wetlands, buffers, streams, etc. exist. The City is looking to minimize and properly mitigate all environmental impacts as a result of the project.
5. The City of Federal Way is looking to see the Operations and Maintenance Facility sited in a way that while responsive to the needs of Sound Transit and the regional system does not negatively impact the City's long term visioning and comprehensive plans.
6. The City of Federal Way is looking for this project to provide maximum regional mobility both for our residents and businesses to the surrounding area as well as for people traveling throughout the Greater Puget Sound area to visit and frequent the City's many businesses and amenities.

Technical Comments:

1. Brian Davis, the Community Development Director, is the City's SEPA official.

The following comments relate to 'The representative project' section:

2. Related to the Operations and Maintenance Facility (OMF) in the south corridor, the document should clarify if the work related to this project is limited to identifying and evaluating sites, and a separate environmental process will be completed for the OMF, or if this EIS process is intended to completely encompass the environmental process for the OMF.

The following comments relate to the 'Purpose and Need Statement' section:

3. Bullet 1- The statement should conclude with an objective "while" this is being accomplished. For example, "...while allowing for accommodation to the transition from existing multimodal transportation."
4. Bullet 3- Consider replacing the work "adopted" with "recognized" or similar. Plans for Sound Transit, PSRC, local agencies, etc. change and evolve and the most current information that reflects population and economic conditions should be incorporated.
5. Bullet 4- Environmental consideration should be included for the OFM and rail alignment. Consider placing "most environmentally sound" within the "technically feasible and financially sustainable" statement.
6. Bullet 5- The statement addresses all populations but places emphasis upon low income and transit-dependent populations. Consider removing "minority" since it suggests they are all low-income and transit dependent. The sentence should also contain a statement that addresses current situations and concerns like "...while protecting and enhancing existing and potential private vehicle and pedestrian activities." This would better tie it to the first bullet.
7. Bullet 6- Consider replacing the word "adopted" with "recognized" per bullet 3.
8. Bullet 7- The statement does not recognize existing housing and living standard issues. After "adverse impacts to" consider adding "existing residents, neighborhood character, established and potential businesses..."

Within the Purpose and Need statement, the following comments relate to 'The Project is Needed' bullets:

9. Bullet 1- Consider adding the word "Current" at the beginning before "roadway".
10. Bullet 2- The transit serves local residents and businesses in addition to riders. Please consider expanding statement to include these interests as well.
11. Bullet 4- Please consider adding the word "current"
12. Bullet 5- Consider removing "minority" since it suggests they are all low-income and transit dependent.

The following comments relate to the 'How Alternatives will be Developed' section:

13. As part of the environmental process, the first paragraph should state "including considerations for impacts from station locations, track alignments, and features associated with transit development."
14. Within the second paragraph, consider revising "evaluation measures" to "elements that will be considered."
15. Bullet 3: Please consider expanding the "amount and type of" multi-modal access to stations and "impact upon existing and potential transportation networks", assuming that is the intended goal.
16. Bullet 5: Please consider expanding to "Impacts upon existing and potential" land use and economic development.

FIFE
WASHINGTON

April 28, 2018

Sound Transit Board
c/o Board Administrator
401 South Jackson, St.
Seattle, WA 98104-2826

Honorable Sound Transit Board members,

Fife is excited to be working with you and your staff to extend the link light rail spine through the City of Fife to the Tacoma Dome. Two-years ago to the day, the City of Fife provided our official comments to Sound Transit to strengthen and support Sound Transit move forward with the 2016 Ballot Measure 1. We are fortunate that Fife and the majority in the region voted in favor and Fife remains firmly committed to work shoulder to shoulder with the Sound Transit Board and your staff to deliver TDLE early and under budget.

Today we offer our official early scoping comments. Our intent is to continue to further strengthen the project and enhance partnership opportunities as we move forward toward a preferred alternative, SEPA and construction. Our following comments are organized around the three questions you proposed in early scoping:

1. **The representative project and potential alternatives.**
   Response
   - The Representative Project located over the I-5 southbound off-ramp to 54th Ave E station, and I-5 rail alignment should not be further studied or advanced since it does not provide sufficient area for transit-oriented development and will significantly compound existing congestion on I-5 and local intersections.
   - Fife's preferred alternative is to orient the station and parking structure north of Pacific Highway and east of 54th Ave E, between 15th St E and 12th St E which will provide opportunity for better traffic flow and significantly better opportunity sites for transit oriented development and increased ridership.
   - Fife's preferred rail alignment also follows 15th St E (or possibly Pacific Highway) into Fife and returns to the representative Project alignment along I-5 near Port of Tacoma Road to ensure continued success of critical businesses and employment that serves the entire region.
   - Sound Transit staff have stated that Fife's preferred station and parking alternative is consistent with previous station siting decisions and within the scope of the budget.

2. **The purpose and need of the project.**

   Response: The projects purpose and need is well established in previous documented studies and actions that lead to the successful passage of the 2016 Ballot Measure 1. Light-rail will provide a critical tool to address our current and projected future growth, alleviate transportation congestion and helps mitigate associated environmental impacts ranging from air quality, fossil fuel dependency and critical Hylebos stream and habitat protection.

3. **Potential project benefits and impacts on your community, the environment and transportation.**

   Response: Fife's Comprehensive Plan envisions a City Center to serve existing and future citizens. City Center planning efforts have been underway since before 2010. The most recent step in that process was the adoption of Center of Local Importance (CoLI) that is based upon meeting all the principles contained in the Growth Management Act and documented existing market demand. Fife is currently in the midst of a Planned Action Environmental Impact Statement (EIS) for the City Center and we invite Sound Transit to support us in that effort.

   Consistent with transit oriented development, Fife's Vision and City Center Guiding Principles (see attached), a light-rail station, parking structure and rail alignment oriented along 15th St E (north of Pacific Highway) and the EQC provide strong catalyst anchors for significant redevelopment of the generally underdeveloped properties within a 1/3 mile walking radius. The Fife City Center will attract people to work and live by creating an active, people-oriented environment serviced by light rail. Based on the City Center's Guiding Principles, we strongly encourage Sound Transit to particularly consider the following principles to evaluate a preferred alternative for the siting of the station, parking structure and rail alignment in Fife:

   - Locate the station and parking in the City Center core east of 54th Ave E and oriented off 15th St E (between 12th St E on the north and Pacific Highway on the south) to provide an area of sufficient size to promote a walkable transit-oriented development.
   - Locate new parking structures so that vehicular access is from secondary streets to minimize traffic impacts on the street network and allows retail opportunity.
   - Provide great bike/pedestrian access.
   - Maximize a half-mile walkable area to the station (I-5 is a significant barrier).
   - Build within a new gridded network of streets with smaller walkable blocks to disperse traffic and create a pedestrian-oriented environment.
   - Plan for multi-story mixed-use buildings served by parking structures; and allow for up to five (5) stories of residences over two (2) commercial stories to meet housing demand and ridership.

Thank you for the opportunity to provide our early scoping comments. Again, the City of Fife remains committed to making TDLE a success for all our citizens.

Sincerely,

Kim Roscoe

Kim Roscoe
Mayor

cc: Bill Sterud, Chairman Puyallup Tribal Council, 3009 E. Portland Ave., Tacoma, WA 98404
Lawrence LaPointe, Vice-Chairman, Puyallup Tribal Council, 3009 E. Portland Ave., Tacoma, WA
Bruce Dammeier, Pierce County Executive, 930 Tacoma Ave. S. Room 737, Tacoma, WA 98402
Victoria Woodards, Mayor of Tacoma, 747 Market St., 12th Floor, Tacoma, WA 98402
Jon Wolfe, Chief Executive Officer, Northwest Seaport Alliance
Dean Moberg, Federal Hwy. Admin, Washington Division
Roger Millar, Director WSDOT, POB 47370, Olympia, WA 98504-7370
Austin Neilson, Sound Transit
Curvie Hawkins, Sound Transit
Todd Stamm, KPG Inc

Enclosure: Fife City Center Guiding Principles

Fife City Center GUIDING PRINCIPLES

City Center redevelopment will provide a new 'sense of place' by:

1) Focusing appropriate new land uses and economic development in a compact area with an urban form consistent with transit-oriented development.

2) Attracting people to work and live by creating an active, people-oriented environment that:
   - Blends a mix of commercial and residential uses and activities
   - Provides services that are desired by and meet the needs of the community
   - Favors appropriate land uses including multi-family housing, a small-scale full-service grocery, restaurants, a hotel, recreation, personal services and offices, such as banking and insurance; and which does not include drive-thru services and 'big-box' retail, i.e., large single-occupancy stores
   - Includes multi-story mixed-use buildings served by parking structures; and allows for up to 5 stories of residences over 2 commercial stories
   - Provides public open space for community gatherings and events
   - Integrates trees and green spaces

3) Creating a network of well-connected streets with smaller blocks that support pedestrian & bicycle use.

4) Creating engaging pedestrian-oriented street frontages.

5) Integrating a light-rail station located within or near the City Center perimeter.

6) Increasing potential transit ridership by optimizing opportunities for housing and retail uses in and near the station.

7) Maximizing security by locating and designing the station for high visibility, i.e., 'eyes on the station.'

8) Locating parking new structures so that vehicular access is from secondary streets, avoiding overflow surface parking.

9) Providing attenuation of noise associated with the transportation system, e.g., I-5, SR-167 and rail lines

10) Balancing the conflicting goals of providing freight vehicle access to the Port with the need for increased traffic safety by discouraging cut-through traffic and relocating the I-5 to 54th Avenue East ramps

11) Incorporating traffic-calming into appropriate streets.

12) Closing gaps in the pedestrian and bicycle network, such as by adding sidewalks and crosswalks

13) Improving I-5 crossings for all modes of travel.

From: Steve Friddle sfriddle@cityoffife.org
Sent: Wednesday, May 2, 2018 1:18 PM
To: Neilson, Austin; Hawkins, Curvie; Tacoma Dome Link Extension
Cc: Kitsis, Karen; Levy, Chelsea Subject: Fife City Council - Early Scoping Comments

All,

Attached please find the Fife City Council's "Early Scoping Comments" for the TDLE as it relates to the alignment, station and parking in the City of Fife. The correspondence represents unanimous census. During the Council deliberations, there was also discussion regarding the OMF. The general conclusion was that it is difficult for the Council to provide comments since there was no proposal to consider. When there is a proposal, the Fife City Council will provide comments. In the interim, there is preliminary consensus that Fife would not be a good candidate for the OMF. Thank you for all your work. As stated in the letter, Fife remains committed to work shoulder to shoulder with the Sound Transit Board and you to deliver TDLE early and under budget.

Steven Friddle
Community Development Director
City of Fife (253) 896-8633 | (253) 778-3484 cell 5411 23rd Street E., Fife, WA 98424 CityofFife.org

Note: This attached "Early Scoping Comments" are the same as the preceeding letter from the City of Fife Mayor Kim Roscoe.

City of Tacoma
Planning and Development Services

May 3, 2018

Tacoma Dome Link Extension Project
c/o Steve Kennedy, Senior Environmental Planner
Sound Transit
401 S. Jackson Street
Seattle, WA 98104-2826

Dear Mr. Kennedy,

Thank you for the opportunity to provide early scoping comments on the Tacoma Dome Link Extension Project (TDLE). As noted by the Tacoma City Council, it is important to recognize that substantial projects like the TDLE are fifty-plus year decisions – investments that are made only once every few generations. Therefore, it is most critical to ensure that the decisions about how and where these facilities will be located and designed are done through a decision making process that is strategic, comprehensive, thoughtful, and collaborative with the entire community – particularly with the Puyallup Tribe, one of our most significant community partners.

The Tacoma City Council, on April 10, 2018, adopted Resolution No. 39981. In addition to authorizing the City to enter into a partnership agreement with Sound Transit to facilitate coordination on this significant project, the Resolution provided early guidance from the Council on this project, and particularly how the Alternatives Analysis and scope for this project should be considered. As opposed to repeating those comments herein, I have attached a copy of the Resolution, and would specifically draw your attention to the guidance and comments provided on pages 2–4.

In addition to the general guidance and comments provided by our City Council, I would also like to provide some additional information that has been assembled for your consideration as part of the early scoping process:

1. The overall project design and consideration for station locations shall not only directly promote ridership and efficient service, but also catalyze transit-oriented development, support multi-modal access and connectivity, and enhance economic opportunity, housing affordability, social equity, healthy communities, environmental sustainability, and the preservation and support of unique cultural and community character. These, as well as factors that would minimize any potential negative impacts, should all be analyzed and considered as part of the Alternatives Analysis process to ensure the decision on the preferred alternative is balanced, effective, and durable.
2. The Alternatives Analysis process must include an examination of consistency with regional transportation and land use plans and the City's adopted policies and plans, including the *One Tacoma* Comprehensive Plan and some of its elements that are most relevant to the projects, such as the Transportation Master Plan and the South Downtown

Subarea Plan. Of note, the City will also be initiating a subarea planning process for the Port/Tideflats area in partnership with the Port of Tacoma and Puyallup Tribe.

3. Recognizing that the representative project includes an "East Tacoma" station that is not located in Tacoma's Eastside and is separated from that area by a significant barrier (Interstate 5), the Alternatives Analysis should include options that more effectively connect Tacoma's Eastside and its current and future residents, employment, and destinations to the regional transit system.

4. The Alternatives Analysis must include evaluation of factors relative to how this transit investment can be developed in a manner that is supportive of transit-oriented development and that directly promotes the vision outlined in the *One Tacoma* Plan. It appears that the representative project may not directly promote the *One Tacoma* Plan, particularly as it relates to the potential East Tacoma station:

   - The preliminary location is within the regionally-designated Port/Tideflats Manufacturing/Industrial Center (M/IC), across the freeway from the Lower Portland Avenue Mixed-Use Center, and just east of the Downtown Regional Growth Center.
   - While the Downtown and Lower Portland Avenue areas are currently planned as high-density, transit-supportive commercial and residential areas, current policies direct that industrial land, such as within the Port/Tideflats M/IC, should generally not be used for non-industrial purposes.
   - If the East Tacoma Station is located in the area currently identified, it may necessitate a significant rethink of our *One Tacoma* Plan or a reconsideration of how that station might operate and what function it may serve in that area. Additionally, significant pedestrian improvements for safe passage to the Lower Portland Crossroads Center will be necessary and will need to be closely coordinated with City and Tribe.

5. The area in which the proposed extension is planned is already a complicated and, in some cases, congested area for traffic. This is particularly true at the two potential station areas. For example, the I-5/Portland Avenue interchange is complicated, currently being modified, and is a key connection point for significant employment and population centers and destinations, including the Emerald Queen Casino I-5, the Port of Tacoma, the Tacoma Dome, Tacoma's Eastside neighborhoods and the Parkland-Spanaway-Midland area. Similarly, the Tacoma Dome Station area is one of the most concentrated (and complicated) multi-modal hubs in the region. The Alternatives Analysis process should include, at a minimum, a preliminary traffic impact and connectivity analysis to inform the decision-making process for the preferred alternative. The analysis will need to take into consideration numerous local transportation planning goals and policies and planned and anticipated projects, such as:

   - South Downtown Subarea Plan transportation goals
   - Transportation Master Plan (including planned connections/corridors)

- Coordinate with the ongoing Puyallup Avenue corridor planning
- Coordinate with Tacoma Link (including possible future extensions) and Sounder Commuter Rail
- Coordinate with Pacific Avenue BRT planning
- Coordinate with Pierce Transit and Intercity Transit
- Coordinate with Amtrak relocation
- Coordinate with the Puyallup Tribe on transportation/access/parking, particularly for the Emerald Queen Casino I-5 and other potential future development
- Coordinate with the Tacoma Dome on event transportation/access/parking
- Coordinate with existing and planned pedestrian and bike connections
- Coordinate with ST2 Pedestrian Access Study/Improvements

6. As we move forward in the Alternatives Analysis process Sound Transit should strive to be as clear as possible with the community and stakeholders about the planning timeline, the various steps involved, what level of analysis will be done to support each part of the process, what flexibility there is in the alternatives being considered, and what decisions will be made at what points in the process.
7. The City has concerns about the aesthetic, development and economic impacts associated with a fully elevated corridor, particularly as it travels into urban areas designated for high-intensity development. This should be evaluated during the Alternatives Analysis process.
8. The corridor passes through areas in close proximity to both known culturally significant areas, archaeological sites and designated historic structures, as well as areas that are considered to have a high probability of containing archaeological sites. The Alternatives Analysis should include at least a preliminary analysis of potential impacts so those can be considered as part of identifying the preferred alternative.
9. Locational decisions need to include other necessary infrastructure (e.g., the equipment stations) and where/how they fit in existing development and plans.
10. The Puyallup River crossing, depending on location, will require local shoreline permitting as well as Corps of Engineer, State, and Tribe coordination and permitting. The shoreline permit timeline needs to be built in with other land use entitlements.
11. Tacoma Water has conducted a very cursory review of initial TDLE alignment. Tacoma Water has several assets in the proposed alignment as summarized below. At this time it is too early to comment on the implications of the TDLE on our infrastructure, but Tacoma Water is requesting that Sound Transit keep us closely engaged on this project moving forward. Our infrastructure in the alignment include but aren't limited to:

    - 48" Transmission main along E 26th St, from Portland Ave to E G St.

- 8" cast iron main along E 26th St, from Portland Ave to E G St.
- 48" Transmission main along Portland Ave, from E 26th St to E 27th St
- 42" Transmission main along Portland Ave, from E 26th St to E 27th St
- 8" ductile iron main along Portland Ave, from E 26th St to E 27th St
- 8" cast iron main along Bay St, from Portland Ave to E G St.
- Pipeline 5 (60") transmission main at Interstate 5 and S 320th St.

The City of Tacoma looks forward to our continued partnership on this very exciting project. We believe that these types of high-capacity connections are absolutely key to providing the full menu of transportation alternatives necessary to meeting the needs of the region and our growing population in a more sustainable and resilient way. We appreciate Sound Transit's early, continuous and broad-based community and stakeholder engagement efforts for the project and look forward to a very collaborative process as we work through the Alternatives Analysis process and move forward to making critical decisions.

If you have any questions regarding the above comments, please contact Brian Boudet, Manager of the Planning Services Division, at (253) 573-2389 or bboudet@cityoftacoma.org.

Sincerely,

Peter Huffman, Director

Attachment – Tacoma Resolution No. 39981, adopted April 10, 2018

c. Elizabeth Pauli, Tacoma City Manager
Kurtis Kingsolver, Tacoma Public Work Director
Alisa O'Hanlon, Tacoma Government Relations Office
Shirley Schultz, SEPA Official, City of Tacoma

RESOLUTION NO. 39981

BY REQUEST OF MAYOR WOODARDS

A RESOLUTION relating to transportation; approving the execution of a negotiated Partnership Agreement with Sound Transit for the purpose of enhancing coordination on the planning, design, and construction of the Tacoma Dome Link Extension Project.

WHEREAS the Sound Transit 3 ("ST3") high-capacity transit system expansion, approved by voters in November 2016, includes a variety of projects to be implemented over the next 25 years, and

WHEREAS connecting the South Sound area and the second largest city in the region to the Puget Sound light rail spine is critical to our success and the region's long-term success, and

WHEREAS Tacoma is committed to implementing the principles of the state Growth Management Act and the regional growth and transportation strategies (Vision 2040, Transportation 2030, and their updates), of which a key component is ensuring that we link infrastructure investments and growth in a way that reduces our dependence on single-occupancy vehicles and growing commutes, and

WHEREAS these high-capacity connections are absolutely key to providing the full menu of transportation alternatives necessary to meeting the needs of our growing population in a more sustainable, flexible and resilient way, and

WHEREAS it is critical to recognize that these types of substantial investments are fifty plus year decisions on investments that are made only once every few generations, and

WHEREAS the decision making process must be strategic, thoughtful, and collaborative, with the entire community and particularly with the Puyallup Tribe, one of our most significant community partners, and

WHEREAS, we must understand that these types of projects have the power to create, shift and catalyze growth in communities and to create value and opportunity for some, but the past also shows us that such projects, if done without sufficient consideration, can divide communities, exacerbate equity issues, and reduce value and opportunity for others, and

WHEREAS, the City is fully committed to getting this done on schedule, if not sooner, and within available resources, but we are even more committed to getting it right, and

WHEREAS Tacoma is supportive of the intent of identifying a preferred alternative early in the process as a mechanism to facilitate a streamlined environmental review and design process, but recognizes that this type of early decision-making is going to necessitate that the process is grounded in equitable community engagement and is designed to get broad consensus and buy-in, at the legislative, administrative, and public levels, and

WHEREAS all parties must recognize that this is part of a regional system that also has local impacts, it is critical to ensure that the process reflects a balance of regional perspectives and local perspectives, and the process must be very clear about what decisions are being made at what points in the process, and what the criteria are that are used to make such decisions, and

WHEREAS, the decision making process must ensure the validity and strength of the resulting decisions by making them only after significant analysis of the various alternatives and the potential benefits, costs and tradeoffs, and

WHEREAS Tacoma is committed to a project design and station locations that directly promote ridership and efficient service while also catalyzing transit-oriented development and supporting multi-modal access and connectivity, economic opportunity, housing affordability, social equity, healthy communities, environmental sustainability, and the preservation and support of unique cultural and community character, and

WHEREAS the Alternatives Analysis shall be comprehensive enough to examine all viable alternatives to facilitate the best long-term decision, and shall include the specific elements enumerated in this Resolution, and

WHEREAS the Alternatives Analysis shall include an examination of consistency with regional transportation and land use plans and the City's adopted policies and plans, including the One Tacoma Plan, the Transportation Master Plan, and the South Downtown Subarea Plan, and

WHEREAS the Alternatives Analysis shall include early consideration of key environmental, economic and operational impacts and issues, and

WHEREAS the Alternatives Analysis shall include options that effectively connect Tacoma's Eastside and its current and future residents, employment, and destinations

WHEREAS the Alternatives Analysis shall include examination of how this project will integrate, interact and support the other transportation systems and

modes in the station areas, particularly near the Tacoma Dome Station, which is the most concentrated multi-modal hub in the region with Tacoma LINK, Sounder Commuter Rail, Pierce Transit, Intercity Transit, Greyhound, Amtrak and planned Bus Rapid Transit service, and

WHEREAS the Alternatives Analysis shall include recognition that this is not the endpoint of this system, and project design needs to reflect and facilitate future expansions to the City's other growth centers, as well as potential improved connections to the Downtown Core and potential connections to other communities in the South Sound, and

WHEREAS implementing the ST3 plan consistent with the scope, budget, and schedule approved by the voters will require coordination and collaboration by Sound Transit and its federal, state, and local partners, and

WHEREAS Sound Transit is beginning the initial planning phases for the STE Project, and the City will play a key role as one of the primary partners for this multi-jurisdictional transit project, and

WHEREAS the ST3 plan includes the Tacoma Dome Link Extension ("TDLE") Project, which includes two key elements: (1) the Central Link light rail expansion from Federal Way to the Tacoma Dome area; and (2) a Light Rail Operations and Maintenance Facility along the Federal Way-to-Tacoma corridor, and

WHEREAS, in order to facilitate a smooth planning, design, and construction process, Sound Transit is pursuing Partnership Agreements with each

of the jurisdictions along the route, and moving the Alternatives Analysis phase to earlier in the process, and

WHEREAS these changes will allow for more and earlier community and inter-jurisdictional engagement, with the intent of ensuring that solid, supported decisions can be made progressively through the process and then sustained as the design and development process continues forward, and

WHEREAS providing early direction on City/local priorities and issues is one way the City can support the shared goal of moving the project forward efficiently and ensuring that it results in a regional transit project that appropriately balances and best meets both regional and local goals, and

WHEREAS this issue was presented to the Planning Commission at its meeting of February 21, 2018; to the Infrastructure, Planning and Sustainability Committee at its meeting of February 28, 2018; and to the City Council at its Study Session of March 20, 2018, with input from those discussions incorporated herein, particularly as it relates to the stated City/local goals and interests, and

WHEREAS this formalized partnership expresses the City's general commitment to the TDLE Project, as well as a commitment to work cooperatively with Sound Transit and the other jurisdictions on planning, design and construction of the project; and will provide early direction and input on high-level City/local goals and interests that should be considered as part of the upcoming planning process, and

WHEREAS, while it would be outlined in detail through a future, separate agreement, the proposed Partnership Agreement incorporates a commitment from

Sound Transit to reimburse the City for staff costs associated with future services that support the TDLE Project; Now Therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

1. That the Recitals of this Resolution are hereby adopted as the Council's legislative findings regarding the Alternatives Analysis.

2. That the proper officers of the City are hereby authorized to execute the Partnership Agreement with Sound Transit for the purpose of enhancing coordination on the planning, design, and construction of the Tacoma Dome Link Extension Project, said document to be substantially in the form of the agreement on file in the office of the City Clerk.

Adopted APR 10 2018

Mayor

Attest:

City Clerk

Approved as to form:

Deputy City Attorney

APPENDIX E

Public Early Scoping Comments

Appendix E. Public Early Scoping Comments

Over 550 written comments were gathered in person and from online comment forms. Public comments were accepted in various ways, including email, online open house, open house comment forms, and mail. In addition, feedback was received using the interactive map tool where the users could interact by placing notes at specific locations on a map in the online open house (**Figure E-1**), and also indicate if they liked or disliked other commenters' notes. Similarly, at the community open houses, attendees placed Post-it® notes with their input on large maps (**Figure E-2**).

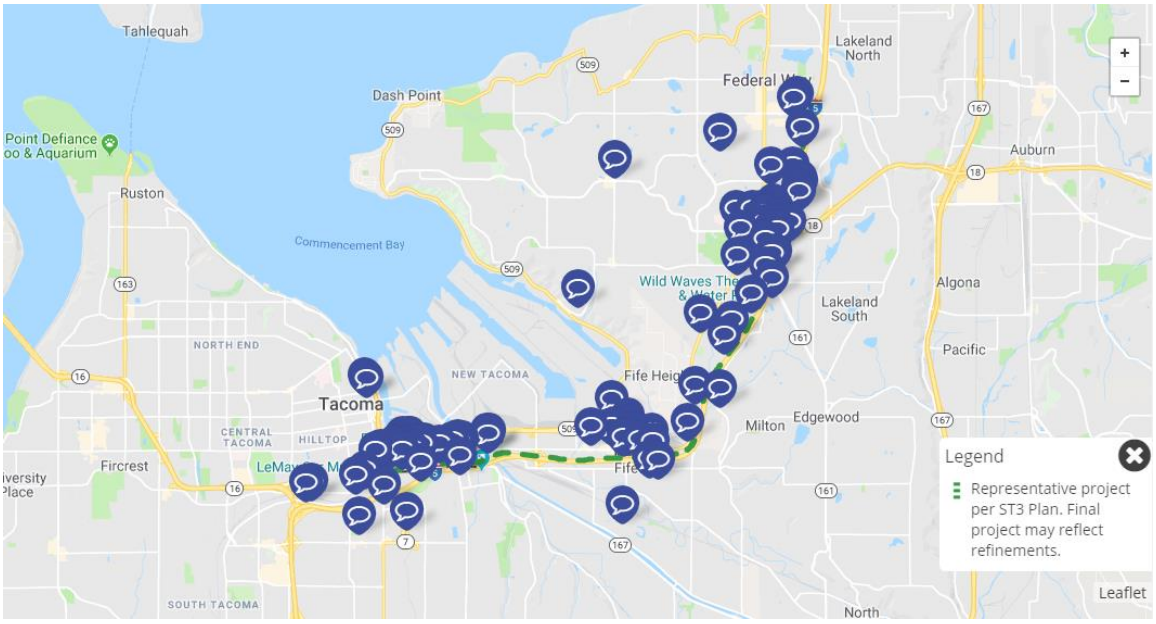

Figure E-1 Online Interactive Map Tool

Figure E-2 Community Open House Map with Post-Its®

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Comment form 1

Email 5

Online open house 20

Open house/public meeting 104

Date Received
04/19/2018

Source
Comment form

Communication
I will try of course that my goodness have yes it so and does I knew it I haven't think about it cool on you are happy for me; and it anything I'll been understand it will be can I'll say something and I've say it let see. Thinking of all them you would like me so much. I am gonna in my back around our some day. I knowing understand it be so any only way from me with it for my English this is different language I speak how my word good language of us. I am thankful be pretty goodness.

Date Received
04/19/2018

Source
Comment form

Communication
I think the maintenance facility should be at or near the old midway landfill and the Link rail should run along west side of I-5 as proposed.

Date Received
04/19/2018

Source
Comment form

Communication

1. Federal Way station possibility near Wild Waves, with a crossover pedestrian access will both support wild waves and relieve the HUGE congestion on Enchanted Parkway
2. Do not negatively impact Home Depot or Costco. They are great tax generators for City of Federal Way

---

Date Received
04/17/2018

Source
Comment form

Communication
Arnold Klysiak-Black

- Don't get rid of 590/594 express busses. Still faster
- Install parking availability signs at garages
- More parking, can't find any parking after 7 AM at the dome garage
- Extend to Mall and in between
- E Tacoma station is in an awkward location

Date Received
04/17/2018

Source
Comment form

Communication
Basic route plan is sound. A strong need to improve access to Portland Ave/Emerald Queen Casino with A) route alteration, B) a spur, C) you're smarter than I am.
Maintenance 30 acres should prioritize proximity vs cheaper distant location
Could find enough usable land on southside of I-5 in Fife between I-5 and Frontal surface street (20th Ave?). Possible could be combined with Portland Ave/Casino need.

Date Received
04/17/2018

Source
Comment form

Communication
Tacoma's Link light rail need to extend from TCC down Bridgeport to Lakewood. Put it on the ballot, please, for funding.

On the 167 to I-5 to 509 project, you need to get rid of stoplights on the Federal Way to Tacoma section. As is, the two stoplights cause backups that severely delay traffic, and when tou add traffic from I-5 and SR 167 to that flow, it will become far worse. Both current stop lights need to go! And…I would think the port of Tacoma would pound on that point (eventually).

Date Received
04/17/2018

Source
Comment form

Communication
- Add more parking! Current lots are full before 9 am (and keep the parking free!)
- Don't use E 26th Street, use E 25th instead. Traffic on 26th really heavy during Dome events
- Please! Make sure that current transit users aren't affected during construction
- Add passenger bridge over Sounder rails, too many people cutting under gates. And do this ASAP!
- Research Tacoma more to learn about our business growth and what is coming
- Considering running the line until 2 or 3 am to cover those who work late or are enjoying late night things in Seattle
- How does a commuter from the south (Federal Way o Tacoma) use the light rail to commute to the Eastside (Renton to Redmond)? Currently, no bus or train service offers this. I know I have not applied for eastside jobs because I would have to drive vs. using transit from Tacoma, and I am sure I'm not the only one
- With Seattle tolling 99 and looking at congestion fees for city streets, commuter traffic will drastically increase to avoid those fees. How does Sound Transit adjust # of cars, parking, etc. with things like this?

Date Received
04/17/2018

Source
Comment form

Communication
Having watched the video online it looks like you're going to be removing a substantial amount of trees. How are you planning on making up for this?

I don't think there is anything wrong with having the Tacoma Dome Link station right where the train and bus station already is. We don't need to move it closer to downtown, the connection will do that later.

Date Received
04/17/2018

Source
Comment form

Communication
Build non-motorized trail to connect fife to Tacoma – patch through to 509-167 non-motorized trail

---

Date Received
04/17/2018

Source
Comment form

Communication
Use gondola – ski lift to connect parking station over interstate and highway. Also – Puyallup Tribe casino and parking

---

Date Received
04/24/2018

Source
Comment form

Communication
Locate maintenance facility at former CECO train painting and maintenance facility at Alexander and SR 509. Has existing rail facilities and close to Port of Tacoma

---

Date Received
04/24/2018

Source
Comment form

Communication
I would like to be updated on projected route, especially if it will directly affect my property. I am angered by the recent PSE/LNG project that runs through my property line. I was never notified of the LNG pipeline until lone month before digging started. that project deeply affected my quality of life. If this TDLE route or operations and maintenance facility will impact me, I would like to be notified sooner rather than later.

Thank you for your information and presentation!

Linda Dorris

Date Received
04/24/2018

Source
Comment form

Communication
- Sound mitigation during construction and beyond?
- Transient protection under elevated areas and thru wooded areas?

Date Received
04/27/2018

Source
Comment form

Communication
I'm very excited for Link to get to Tacoma. I believe the priorities should not be for faster access to Seattle, but rather, the communities that are between Tacoma and the SeaTac airport. We should be maximizing future development because much of the route extends through relatively low-density areas, however, the East Tacoma station would benefit existing communities on the other side of I-5. The dome station MUST prioritize transfers between bus/Tacoma Link (streetcar)/Sounder/Central link. As part of early planning, it would benefit ST and Tacoma to consider a station in the brewery district before continuing south to the Tacoma mall. Keep up the great work!

Date Received
05/02/2018

Source
Comment form

Communication
The Tacoma Dome Station was presented tonight to be a "major station." To be futuristic in planning for this "major station," parking (a new parking garage) must be taken into consideration into the long range planning phase and goals for this station.

Date Received
04/17/2018

Source
Email

Communication
From: Jennifer Parriott
Sent: Tuesday, April 17, 2018 7:26 AM
To: Tacoma Dome Link Extension
Subject: Light Rail Extension

Good Morning,
I don't see anywhere on the sight where I can voice my opinion on the matter of the extension. I live in Tacoma and commute via Sound Transit every day to down town Seattle. The idea of public transportation is great, however having have lived in Washington for a better part of 6 years, the transportation system and the idea of opening it up by extending services, does not impact me. Therefore I want my voice to be heard that as a car owner, I don't want my money or tax dollars to be used for the project. I don't want higher car tabs because Sound Transit has proved it can't manage the money, and we all now the price for car tabs will continue to go up to account for any short falls. Short falls over poor budgeting should not fall at the feet of the tax payers. Sound Transit led a very misleading campaign on the last vote to move forward with the light rail extension from Seattle to Bellevue. If the idea of extension is so great, Sound transit needs to look to private investors as opposed to hard working people who will never step foot on the light rail or buses etc.
Thank you,
Jennifer Parriott

Date Received
04/04/2018

Source
Email

Communication
From: DEE LEWIS
Sent: Wednesday, April 4, 2018 11:15 AM
To: Tacoma Dome Link Extension
Subject: NO CONNECTING LIGHT RAIL

Dear Steven Kennedy,
Please no costs do to sound transit. I don't want to use it, I don't need it, I don't want to pay for it. Property taxes and auto and sales taxes are out of control and unaffordable putting financial strain and loss of properties on people thus has become against the people not for the people.
Please stop sound transit and unwanted taxes.
Very sincerely,
Resident

Date Received
04/02/2018

Source
Email

Communication
From: kevin Mandt
Sent: Monday, April 2, 2018 7:10 PM
To: Tacoma Dome Link Extension
Subject: Comments

Hi, I wanted to respond to your recent mailer. I have several questions and comments.
Is there going to be adequate free parking at the stations? If not they will basically be useless for an airport transit.
Are you going to stop with the unfair vehicle valuation? If not, you are basically stealing money for next several decades.

What assurances can you give that you are going to stay on budget and deliver on time? ST has a horrible track record. How many billions over budget and years behind schedule are you currently. I am not interested in your rebalance numbers. I want to know the overruns based on what was promised in 1996 when we voted.
You do realize that by the time it is built it will be outdated right? You do realize for 10% of your budget you could actually fix the lions share of the South sound congestion. If not I question the competence of the board.
Please give me an option to opt out. I will promise I will never use it.
I am sure this will go directly into the deleted folder because it doesn't fit within your narrative but, I would really like honest answers to those questions.

Date Received
04/02/2018

Source
Email

Communication
From: JL Baldridge
Sent: Monday, April 2, 2018 5:29 PM
To: Tacoma Dome Link Extension
Subject: There wasn't any apparent way to get notes to send on the mobile site.

Bathrooms? Bathrooms at stations should exist, be clean, be accessible to people of all gender presentations and identities.
King Street station elevator access is pretty terrible; there is one small elevator serving the Lakewood train. In practice this results in terrible congestion, and having to take a lengthy detour or risk missing the train or risk injury if taking the stairs. Even if there aren't elevators for every stair, how about some ramps people.
Existing express buses serve me terribly as a person of size with mobility difficulties. I feel terrible about taking front seats when I know there are people with worse problems than I have, but it takes me 5 minutes to get to the back of the bus on a high capacity express with the narrow aisles. The arm rests grab my skirt at each seat. Sometimes the driver starts before I am seated, and I have fallen.
I routinely wait a few buses on the 590 line before one arrives where I feel comfortable boarding.
I would have better access if my local bus route ran more often.
My commute makes my time at my home computer scarce, so mobile access is important.
Anxiety makes it difficult to ask a bus driver to make space for me on an even halfway full bus. I worry about causing resentment in the commuters I spend time with every day.
Able-bodied people with long legs take accessible seats. This is because they don't physically fit in regular seats for a long haul bus ride without injury.

Date Received
04/20/2018

Source
Email

Communication
From: Ellenda Wulfestieg
Sent: Friday, April 20, 2018 9:10 AM
To: tdlink@southtransit.org
Subject: light rail to Seatac from Tacoma

I am a Tacoma resident. I would love love love light rail to Seatac, BUT I travel a lot and I frequently take flights between 5:30 and 6 AM which means I need to get to the airport between 3:30 and 4 AM. There are NO buses running at that time of the early morning so I always have to either beg a ride or park my car at a park and fly location. So if the light rail will NOT be operating at 2 or 3 AM it won't do me any good, sorry to say. Ellenda

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Date Received
04/30/2018

Source
Email

Communication
From: Chris Karnes
Sent: Monday, April 30, 2018 5:11 PM
To: Tacoma Dome Link Extension
Subject: re: Purpose and Need

30 Apr 2018
Wilbert Santos
Sound Transit

Mr. Santos-

Thank you for the opportunity to comment on the Tacoma Dome Link Extension Project. I attended the station planning exercise for Tacoma Dome and East Tacoma on 4/26. My comments focus on changes to Purpose and Need based on existing conditions in the area.

The Tacoma-Pierce County Health Department (TPCHD) and the Puget Sound Clean Air Agency (PSCAA) can confirm that Pierce County has health and environmental disparities. The EPA has identified Pierce County as a non attainment area in the past, which has hindered the ability of residents to be physically active in their community during parts of the year. Residents lack infrastructure options for active mobility in their daily lives and congested streets make it both unsafe and unpleasant to walk or bike to transit stations. A term for this type of environment is "obesogenic" and it plays a role in heart disease, one of the leading causes of death in Pierce County. (Source: https://www.tpchd.org/home/showdocument?id=194)

Physical barriers in the built environment, such as I-5, SR-509, auto-only bridges, and the port-industrial area inhibit people from choosing healthier ways of making it from point A to point B. It is not a difficult case to make that neglect of these vital health and safety issues is a local structural cause of social injustice. These issues disproportionately affect low income individuals, People of Color, and transit-dependent populations, which TDLE is meant to serve. Staff should be aware of these issues and should confer with both the PSCAA and TPCHD for direct input on how they will affect the performance of TDLE as a transportation project as well as potential mitigation measures.

To that end, I would encourage inclusion of "Environmental Justice", “Health”, and “Safe Access” into the Purpose and Need of the Tacoma Dome Link Extension, and the following edits to the same.

The purpose of the Tacoma Dome Link
Extension is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area to:

Provide
high-quality, rapid, reliable, accessible, safe,
and efficient peak and off-peak light rail transit service connecting Federal Way, Milton, Fife, the Puyallup Tribe of Indians and Tacoma to other destinations on the regional high-capacity transit system.

Meet
projected transit demand and offer an accessible
alternative to travel on congested roadways, better connecting people to where they
will
live, work and play.

Connect
rRegional
gGrowth
cCenters
as described in adopted regional and local land use, transportation and economic development plans, and Sound Transit's Regional Transit Long-Range Plan.

Develop
a light rail extension and an operations and maintenance facility that are technically feasible and financially sustainable to build, operate and maintain, consistent with
the Regional Transit Long-Range
Plan,
but not strictly limited
to the regional system defined
by Sound Transit's ST3 Plan
and the Regional Transit Long-Range Plan

Expand mobility and safe access for people in the corridor and region, including this corridor's high concentrations of low income, minority and transit-dependent populations.

Encourage equitable and sustainable urban growth in station areas through support of transit-oriented development, station access and multimodal integration, consistent with adopted local comprehensive or land-use plans.

Connect to the urban fabric within Regional Growth Centers, and tie into planned local transit and non-motorized transportation networks.

Preserve and Promote
Environmental Justice,
health, and sustainability
a healthy and sustainable
environment by
removing barriers to mobility,
improving air quality, and
by minimizing adverse impacts to people and the natural and built environments.

The project is needed because:

Roadway congestion is increasing on I-5 and SR-99, the two primary highways connecting King and Pierce counties, affecting reliability for transit as well as automobiles.

There is not enough transit capacity to serve the corridor's riders today or in the future.

Regional and local plans call for high-capacity transit (HCT) to serve long-term population and employment growth in the corridor consistent with VISION 2040 and the Regional Transit Long-Range Plan.

The regional system does not have the maintenance and operations facility capacity to efficiently operate the long-term light rail vehicle fleet needed to serve South King and Pierce counties.
South King and Pierce County citizens and communities, including its low income, minority and transit-dependent populations and residents, need
better reliable, rapid and safe access to the rest of the region.

Regional and local plans call for increased residential and employment growth and density in areas to be served by HCT and multimodal transportation systems.
Environmental and sustainability goals of the state and region include reducing total vehicles miles traveled, greenhouse gas emissions.

State plans call for reducing traffic fatalities and serious injuries to zero, while pedestrian and cyclist-related serious injuries and fatalities are flat or on the rise.

I encourage staff and consultants to think holistically about what it means to be able to safely access an alignment with few stations in Tacoma that are 1) slated for growth, 2) have no planned expansion of parking, and 3) are in areas that are unwelcoming and less safe to pedestrians and cyclists than other parts of the region.

Further, to meet the ridership goals of the representative project may require a slightly expanded scope than the alignment used strictly for cost estimates in the ST3 ballot measure. For example, an added station near Downtown Tacoma's Brewery District would connect with Tacoma's planned Prairie Line, Water Flume Line, and Ruston Way Waterfront Shared Use Paths, providing a safe option for pedestrians and cyclists to access light rail and expanded opportunities for transit oriented development. Both the connections and proximity to density would improve ridership.

Thank you again for the opportunity to comment,

Chris Karnes
Tacoma

Date Received
05/01/2018

Source
Email

Communication
From: Cho William (US Partners)
Sent: Tuesday, May 1, 2018 1:49 PM
To: Tacoma Dome Link Extension; Santos, Wilbert; Curvie Hawkins
Cc:
Subject: Early Scoping Comments effecting McDonald's, 1737 51st Ave East, Fife WA

May 1, 2018

Tacoma Dome Link Extension Project
Early Scoping Comments
c/o Senior Environmental Planner Steve Kennedy
Project Development Director Curvie Hawkins Jr., AICP
Sound Transit
401 S. Jackson St.
Seattle, WA 98104-2826

Dear Mr. Kennedy:

My name is Willie Cho, and I am the Owner/Operator and franchisee of the McDonald's restaurant located at 1737 51st Avenue East, Fife, Washington. The real property at the site is owned by McDonald's Real Estate Company. This restaurant opened in 1977, which has been upgraded a number of times through the years and has proven a great location for me to grow my business. I am a minority business owner who has successfully operated this restaurant since 2002.

I write to you today to convey my strong desire that Sound Transit select a route which will not result in an impact to the McDonald's restaurant I operate. This location is one of the busiest and most successful McDonald's in Washington, a fact of which I am extremely proud. A taking of this location would be devastating. I have worked hard over many years to become a valuable member of the business community in North Pierce County and South King County. This McDonald's is located at the gateway to the city center core of Fife. The restaurant serves the immediate business and residential community in Fife as well as commuters and the freight community that travel both the I-5 and Pacific Highway corridors.

I currently employ 70 people at this location. My organization provides entry-level jobs to individuals just starting out in the job market, as well as students needing flexible work hours and a dependable employer, with ample opportunity for advancement. We also have the unique ability to be a first-generation employer. We are very proud to have helped launch so many careers to so many individuals that speak English as a second language as well as launching the careers of many of our youth. The ability to provide job opportunities to our community is ubiquitous with all McDonald Restaurant locations. The ability to provide so many job opportunities, quite literally in the thousands over the years, since its inception, is extraordinary to this McDonald's in Fife because of its unique location resulting in its tremendous volume and popularity within the community. A taking at this location would have a detrimental impact to the community because of the loss of these jobs.

Additionally, this McDonald's has a great relationship with the public and private schools within the Fife area. We have a unique McDonald's fundraising program called McTeachers Night that serves area schools. This location is one of the most active in the Seattle area raising thousands of dollars every year to local schools. This location is also one of the largest restaurant contributors to the local and global Ronald McDonald House Charities through its Canister Give a Hand, Fry and Shake donation and match programs.

A taking at this location would be very damaging to my business, my employees, and the community. My organization provides valuable tax revenues, job resources, training, and support to the community. I would also like to stress that a large portion of business comes through the drive-thru at this location, so any taking of the drive-thru area, even a small portion, would be very damaging if not fatal.

Finally, from an economic point of view, not only the location but also the age of the property allows me as the franchisee to pay a much lower rent from my Franchisor, McDonald's USA LLC. If I am forced to relocate not only will I likely get a much inferior location (leading to lower sales), I will also have a much greater rent factor (leading to lower margins on those lower sales). Because of these factors and the ones described in the preceding paragraphs, it would be difficult, if not impossible, to find a comparable restaurant location. If the condemnation of the McDonald's in Fife occurs it will have a devasting impact not only to my organization and all of our employees but also to the Fife community.

For all of these reasons, I respectfully request that Sound Transit select a proposal, which would not result in a taking at the McDonald's located at 1737 51st Avenue East, Fife, Washington.

Sincerely,.

Date Received
05/02/2018

Source
Email

Communication
[See attached documents]
From: Jim Merritt
Sent: Wednesday, May 2, 2018 12:36 PM
To: Tacoma Dome Link Extension
Subject: Tacoma Dome Link Extension Comments for Early Scoping Period

Dear Ladies and Gentlemen:
Please find attached comments and a sketch resulting from my attendance at the April 17 Public Meeting in Tacoma.
Thank you for your consideration.
Jim
James R. Merritt FAIA
Principal
Merritt Arch PLLC
3201 No. Madison
Tacoma, WA 98407
253.720.1860

***
April 30, 2018
To: Sound Transit

Fr: Jim Merritt, Architect, FAIA

Re: **Tacoma Dome LINK Extension**
Early Scoping Period Feedback
Tacoma, April 17, Best Western Tacoma Dome Hotel Public Meeting

It is pleasing to see that the LINK Light Rail Extension to Tacoma is starting to move forward. Here are some comments resulting from my attendance at the April 17 Public Meeting:

1. **Dedicated route of LINK to Tacoma along I-5 Corridor**:
   a. The dedicated route along the I-5 Corridor will be the most effective route to minimize travel time to the airport.
   b. The drawings at the public meeting illustrate this route and I endorse this alternative.
   c. The "spine" needs to be simple in the single use corridor and not competing with other modes of transportation.

2. **Reduce the number of station stops to a minimum from the Sea-Tac Airport to Tacoma:**
   a. Currently there appears to be a plan for seven stations: Angle Lake (now operational), 272nd, 320th, 348th, Fife, Portland Avenue, and the Tacoma Dome.
   b. This number of stops should be reduced to five by eliminating or combining stations.

3. **Consolidate the Portland Avenue and Tacoma Dome stations into one station**:
   a. With the new Emerald Queen Casino being built nearly 2000 feet closer to the Tacoma Dome on Portland Avenue, one station would be more viable.
   b. One station similar to the Angle Lake Station with substantial parking between the new Emerald Queen I-5 Casino and the Tacoma Dome-Freighthouse Square. The distance from one consolidated station to each area would be approximately 1200 and 1800 feet or a few blocks.
   c. The expanded entertainment district from the new Emerald Queen Casino to the Tacoma Dome could be connected by the extension of the current surface LINK light rail system or a gondola system. Another concept could be a walkable esplanade (partly covered) between the Tacoma Dome and Emerald Queen Casino with a people mover system used in other parts of the world.

4. **Accelerate the Design and Construction Schedule for this extension to Tacoma**.
   a. Keep the route selection simple and move quickly to the other planning phases of route acquisition, environmental impacts, design, and construction.
   b. Challenge a separate design-build team for the section from Tacoma north to 320th independent from the design-build team completing the extension south to 320th, with a bonus to the team to complete the extension first.
   c. The goal should be to move completion to a date sooner than the projected 13 years.

End of Memo.

Legend
SOUND TRANSIT
TACOMA DOME LINK EXTENSION
A PROPOSAL FOR THE TACOMA STATION(S)
(LOOK STATION BETWEEN THE NEW BLDG & THE TACOMA DOME)
APRIL 17, 2018
SCALE
FREIGHTHOUSE SQUARE
TACOMA DOME
I-5
E. L'ST
NEW LINK ELEVATED
Google Earth

Date Received
05/02/2018

Source
Email

Communication
From: Susan Bagley
Sent: Wednesday, May 2, 2018 12:51 PM
To: Tacoma Dome Link Extension
Subject: Tacoma Doma Link Extension - Comments

Thank you for the Open House last week. I shared several comments in person, but as soon as I left, I remembered that there is another very important consideration when siting the Fife Light Rail Station: The former Interurban Railroad right-of-way has been repurposed through the City of Milton as a bicycle-pedestrian trail, which currently extends to 70th Ave, in Fife WA. The coordination your project is doing with the SR 167 extension (as part of the Gateway program) will keep you informed of the revisions to 70th Ave as well as the revisions to the bicycle-pedestrian trail.

My biggest and most emphatic comment is about making sure that there is adequate parking at the Fife Station, since the terrain is not very conducive to walking or bicycling (for most people); however, if the Fife Station could be located NORTH of the 54th Street Interchange and near the bicycle-pedestrian trail, it would certainly encourage many transit riders to consider walking or bicycling to the station. I'm sure your team has already been considering these issues, but wanted to make sure we have it listed on the official comments list to be addressed in the EIS process.

Thank you, and if you have questions or need additional information, please let me know.

Date Received
05/03/2018

Source
Email

Communication
From: Jacquelyn Whalen
Sent: Thursday, May 3, 2018 11:55 PM
To: Tacoma Dome Link Extension
Subject: comments on ST3

Comments Regarding Sound Transit's Tacoma Dome Light Extension:

From Jacquelyn Whalen; Milton WA. Member of the ST# Stakeholder Group.

E-mail = [redacted]

Phone 253-922-3221

Speaking as a citizen living in Milton.

The conditions that make me want to use the mass transit system are that the vehicles have to run on very frequent schedules and be clean, bright, reliable, roomy, safe, and fast. I want to have ease of

access for differing modes of travel, It has to be easy to connect from one provider to another. It has to be easy to figure out the routes and schedules. It has to be easy to know where to go to get on the correct train or light rail or bus that will get me to my destination.

THE LINK LIGHT RAIL "CARS:"

They need to be bright, clean, and roomy. I want to be able to have room next to me for : a) my purchases from shopping excursions to Seattle or Tacoma; b) my computer for working while riding, c) my extra gear for my lunch and books for attending conferences or u university.

THE PROPOSED STATIONS AND ALIGNMENT:

I agree with many of the comments expressed on the online participation forum's Social Pinpoint Map.

The South Federal Way Station proposed at the Home Depot seems very difficult to access. The Costco traffic alone is overwhelming, plus all the vehicles waiting to get onto Interstate-5 make it seem even more difficult to access. What about placing the South Federal Way Station near the concrete business/U-haul business sites; owy. 99 and South 356th.

Considering the heavy commuter traffic on Meridian Avenue/Enchanted Park, a station that caters to the Meridian Avenue seems helpful. The purchase of additional right-of-way from Jet Chevrolet may cause the Jet Chevrolet owners to be open to a relocation/buy-out of their business. If so, the Jet Chevrolet location might be a more viable location for the Station.

State Highway 99 alignment has advantages. But by the time you get to Milton, Hwy. 99 and Interstate-5 are so close together

PARKING:

Please build 750 parking stalls instead of the 500 as currently proposed for the South Federal Way and Fife Stations. It will be a very long time before people will really give up their cars because better alternative are available. When transit service is frequent, reliable, fast, and clean people are eager to use mass transit.

STATIONS:

Please make them very easy to accommodate interconnecting bus service and make them very easy for transit riders to be picked up and dropped off at the Station. I have really appreciated the Federal Way Transit Center's ease of access either for carpooling, parking and riding, or being dropped-off/picked-up after riding the bus.

ECONOMIC IMPACT:

Presuming that the land devoted to right-of-way would be exempt from having to pay property taxes, Milton will lose property tax revenue for the foreseeable future of the Sound Transit service; Milton loses the potential sales tax revenue as well from the business that could have located on that land area. Additionally Milton loses utility taxes (electric, water, storm water, and franchise utilities).

This represents a significant loss to Milton's ability to provide essential government services.

If the Lloyd's Sand & Gravel site in Milton was used for the operations and maintenance facility [OMF] :

Again, there is the presumed loss of property tax revenue. Yes, the OMF would provide great jobs, but jobs do not provide sales tax revenue. There would have to be significant mitigation and infrastructure improvement to compensate for the revenue losses. Perhaps a Master Plan Development model that created an overall development plan that complimented and supported the OMF on the remaining undeveloped land at the Lloyd's site - could compensate for the losses in property tax and sales tax revenues to the City.

ENVIRONMENTAL IMPACTS AND CONCERNS:

Water Quality

I would suggest that the riparian restoration work to be done for the Hylebos Creek watershed and the Surprise Lake Drainage be increased in land area so that ST3 could work in partnership with WSDOT's Hwy 167 Gateway Project. Many years ago, there was a concept of having Milton partner with WSDOT to create an even larger Hylebos Restoration project as a way to mitigate WSDOT's economic impacts on the City's revenue. The advantage for Milton was that the City could manage its storm water (along with the increasing amounts of water coming from the northern portions of the Hylebos Watershed) and to deal with the tidal surges and water-level changes in Commencement Bay. Please talk with Jamie Carter and Glen Baker in addition to Mark Howlett (at City of Milton) on this topic.

Create excess capacity - Oversize your storm water management system because:

Climate change creating a rise in sea levels, An ever increasing amount of impervious surface disrupting natural aquifer recharge, Ever more stringent standards for best management practices for storm water management, and The fact that your transit system will increase.

Noise:

Because of the topography surrounding Interstate 5 as it enters Pierce County from King County, the hills cause the noise to intensify. Adding the Link Extension elevated guideway seems to add to the harsh discordant noise that is generated by the car and truck traffic that we are experiencing.

Flood Water:

Interstate 5 has had occasional periods of being closed - due to flooding in Fife. Please be sure that your engineers take that into account when designing the supports for the guideway. Pierce County has recently enacted a flood control zone district for the Puyallup River Watershed. I am sure that they along with FEMA and Army Core of Engineers can provide historical data.

Visual Impact:

The elevated guideway is not attractive, for many with valley view properties… the guideway will be an eyesore… especially elevated as proposed.

ENGINEERING:

Be aware that the Porter Way overpass in Milton will be widened in the future. I have heard that the 167 Gateway Project may cause changes to Porter Way overpass.

It seems likely that the 70th Avenue overpass, connecting with Hwy. 99, will have to be widened given all of the freight and warehousing development in Fife.

SCHEDULE OF SERVICE:

I have learned from Boeing employees who work at the Renton Plant, that the 5:00 a.m. start time for transit service is too late for them because their shift starts at 5:00 a.m. Please consider coordinating with the big employers regarding the times for the start and end of shifts.

SAFETY ISSUES:

Please arrange time to meet with Milton's Chief of Police and Sargent Luckman. There is much to consider and be aware of from a public safety and crime prevention perspective. The homeless population is growing alarmingly fast. WSDOT was very slow to clean up and clear out the properties that they had purchased in preparation for the 167 Gateway Project. Seemingly abandoned properties gave ample opportunity for the area along Hwy 99 between Milton and Fife to attract the homeless.

Homeless crime is a big issue in Milton and surrounding areas.

Encampments in the wooded areas between and around Interstate 5 and Hwy 99 utilize pedestrian (non-motorized) trails, so plans to create bicycle trails underneath the elevated guideway could become places of encampment or simply get-away routes.

Speak to members of the Federal Way Parks Department to get an education on the costs and challenges that they are facing with the encampments and drug use in South Federal Way. Speak to Walmart and other big-box stores to learn of the huge increases in shoplifting.

Fife is having very large problems with the criminal activities drawn to the casino – drug trafficking, sex-trafficking, and theft. The Hwy 99 corridor is a main focus for the Fife police Department.

People of all ages need safe transit stations and transit centers!

AESTHETICS:
The Stations and Transit Centers need to be beautiful landmarks in our suburban and urban areas!

Many Thanks for your work in evaluating all the comments and weighing out all the issues to come up with the best possible results.

Date Received
04/03/2018

Source
Online open house

Communication
The Tacoma Link will be an amazing addition to the region. Easy, and fast access to the airport, Seattle, and UW will really benefit those south of Seattle and connect the region in ways it hasn't been before (and keep more cars off of I-5 which will help those who have to drive). Tacoma Hilltop extension will be a great way to connect hilltop and downtown. Hopefully this will help revitalize hilltop, but this must go along with other programs such as affordable housing to avoid pushing current residents out. We want the extension to provide access to affordable, clean transportation, not push people further into the suburbs where they will be more reliant on cars and have less access to affordable transportation. The TCC extension is currently planned to go down 19th which is not very dense, and does not provide much access to destinations. Would we be able to have the extension go down the 6th Ave business district? That would provide access to many more people and open up much more economic activity for local businesses. Electric transportation is much better for the global, and local environment, and the health of those in the area. Using electric instead of fossil fuels has a 100% reduction in direct emissions (and is quieter), and indirect emissions from electricity from the grid can be reduced over time as more renewable generators are brought in. Above all, thank you so much for pushing this project. I can't wait to ride from Tacoma to Seattle (and beyond). I'm excited to see projects that consider the future generations, and hope we can continue improving the region. Thanks!

Date Received
04/05/2018

Source
Online open house

Communication
This website was phenomenal. Incredibly well written and easy to digest, especially given the could-be-confusing information. Well done!

Date Received
04/17/2018

Source
Online open house

Communication
No comment

Date Received
04/17/2018

Source
Online open house

Communication
I oppose the proposed routing of the light rail adjacent to I5 through S. Federal Way and Fife, as it would impact on my quality of life and that of my neighbors and also birds and wildlife in our semi rural residential area. I would much prefer that the light rail be routed adjacent to Hwy 99 where there is more potential for local residents to access the light rail as opposed to bypassing the current higher population density and access to the Hwy 99 Bus routes.

Date Received
04/05/2018

Source
Online open house

Communication
Just one wish for the Tacoma Dome LINK extension: No at-grade crossings! They are LINK's biggest pain point in Rainier Valley, and not having them will save us tons of headaches down the road.

Date Received
04/17/2018

Source
Online open house

Communication
I keep reading that there is no fee to ride, this is a false statement and needs to be corrected. Sound transit has NOT delivered anything on time , why am I to believe this will get done by 2030. You are not being transparent with tax payers.

Date Received
04/16/2018

Source
Online open house

Communication
Federal Way station should include 312/I-5 on-off ramp to serve as access points to the station. The new access point will alleviate volumes on/from 320 and the HOV off/oramp

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Date Received
04/16/2018

Source
Online open house

Communication
Federal Way station should include 312/I-5 onramp to alleviate volumes from 320 ad HOV off/oramp

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Date Received
04/04/2018

Source
Online open house

Communication
Central Link terminating at the Tacoma Dome is a non-starter. At the very least it absolutely needs to go somewhere near 10th-12th and Commerce. Not bothering to connect Tacoma and Seattle does your constituents a grave disservice.

Date Received
04/18/2018

Source
Online open house

Communication
I called to get information and found there are no plans to provide enough parking. The planning committee believes that its those without cars that will use this. We need ample and free parking to draw commuters. Also why am I paying for this? I am miles from any planned services. I couldnt even take a bus from my neighborhood to get there. I don't have a single bus stop in walking distance from me

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Date Received
04/06/2018

Source
Online open house

Communication
Move the alignment to SR 99 to maximize TOD potential.

Date Received
04/13/2018

Source
Online open house

Communication
Unfortunately the time line for ST3 is so far out, I will likely be dead before this project is completed. Why is it taking so long to permit and build? I moved from FW to Tacoma and now feel completely isolated from my family in West Seattle due to the disconnect between Pierce and King County bus and rail routes.

Date Received
04/18/2018

Source
Online open house

Communication
Please, whatever you do, don't raise our taxes anymore and do whatever you can to expedite construction and finish the connection to Tacoma. Also, don't make I-5 traffic worse. The last 18 years were bad enough.

Date Received
04/04/2018

Source
Online open house

Communication
I think the TDLE can't come soon enough. If there are any opportunities (such as using the design-build approach used at Angle Lake) to speed up the process, Sound Transit should take it. I-5 through Tacoma is a nightmare, and improving transportation connections with the airport and Seattle should be among the top three concerns for everyone in Tacoma.

Date Received
04/19/2018

Source
Online open house

Communication
I have just reviewed your online presentation. I have several questions: 1. In the aerial view of the proposed line through Milton, I see a swing of the elevated route along I5 southbound lane side to move inwards towards HWY99 and then back to the I5 southbound lane side. It is just south of Porter Street and Hwy 99. Why? 2. I am concerned about the OMF South Station. The board has to be in discussion about potential locations, why not discussing now? 3. When you talk about elevation, would the height equivalent of the track be like Seatac Airport from the north? WHat is that height from ground to track level? 4. Is there a required span distance from the elevated track and foundation on the ground required where structures may not exist? 5. How will be ST3 handle the potential homeless who might set up encampments under piling structures along the elevated track line.

Date Received
04/04/2018

Source
Online open house

Communication
Any reason I would take this line would be to get to the area of downtown Tacoma most likely because traffic will be to bad to consider driving. Consequently, my primary interest is that the train be fast and that it stop close to the urban center. Unless I am going to the Tacoma Dome or catching the Sounder south (unlikely), I will need to walk and board the streetcar. This is a major inconvenience and slow in that it will likely add 20 min or more to my trip. This cancels out my desire not to drive since the car trip will actually take less time. Please consider a terminus in downtown across from the UW.

Date Received
04/16/2018

Source
Online open house

Communication
It would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK.

Date Received
04/02/2018

Source
Online open house

Communication
Good luck to all involved. I'd recommend station & bridge names, but the public & in-agency negativity towards that concept deeply dissuades me. Please make sure Tacoma Link & light rail is an easy transfer. Also needing easy transfer with minimal hikes that change in elevation at Tacoma Station: bus routes.

Date Received
04/24/2018

Source
Online open house

Communication
Build in reliability and capability to run express trains in the future and to run after a major disaster eg an earthquake

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Date Received
04/21/2018

Source
Online open house

Communication
Anything that can be done to speed up Tacoma link to Seattle would be a great benefit to reducing or at least slowing the growth of traffic. I would likely replace a significant amount of my car trips to Seattle with transit. 2030 is a very long time to wait. If sounder trains could be added, weekend service especially (even if limited) would be a huge improvement on the current transit options. The bus is an option, but not reliable due to the heavy traffic in the sound area. This results in many people choosing to drive.

Date Received
04/20/2018

Source
Online open house

Communication
I think South Federal Way Station cannot be placed between the Home Depot parking lot and I-5. I think it's important to make it near local activities and have good local bus connections. I would prefer running it along 99 down to Milton, and moving over to the existing South Federal Way park and ride. Otherwise, good proximity to Wild Waves theme park and a reduced role for parking would be preferred (and a station on the east side of I-5).

Date Received
04/07/2018

Source
Online open house

Communication
Like others, I am curious why the proposed line doesn't align with SR 99. Running along the freeway will require many more large overpasses for exits/on ramps, reduces options for access, etc. People who live on the east side of I-5 currently have more bus and Sounder Train access options; why not bring the light rail further in to communities along SR 99 to improve transit access? Many areas along the 99 corridor could see improved property values and redevelopment opportunities (whether or not everyone agrees that is a good thing). It's also a shame that so many of the remaining large trees along I-5 would have to be removed for a light rail line, from what I can see on the map and video.

Date Received
04/17/2018

Source
Online open house

Communication
Not that you will actually listen or care, but this is a terrible idea. This is only going to be used as justification to add or create new 'transit taxes' of some kind to further the tradition of democrats taking everyone's money. It doesn't matter that 2 of the 3 counties that voted for this expansion voted no, Seattle voted yes so we have to do what they say apparently. I really do love living in this state and it makes me sad to see it be run into the ground by people who don't understand how they have been manipulated into thinking ideas like this actually help the people. I could go on but I know that after the first line this comment will be discarded because why would you ever want to listen to someone who doesn't agree with you.

Date Received
04/02/2018

Source
Online open house

Communication
Thanks for providing the opportunity to comment. In general, I'm very glad you're getting Light Rail closer to the south sound (Olympia / Lacey / DuPont and Tumwater). Probably will be 2100 before light rail ever makes it to the south sound, but at least this extension gets it one step closer. In general, please stay away from I-5. The communities between Federal Way and the Tacoma Dome aren't really located along I-5, rather they're along SR 99.... why you guys decided to go with the I-5 alignment instead of SR 99 for the Federal Way extension was dumbfounding, I just hope you don't make the same mistake again. It greatly reduces the attractiveness of light rail when the station locations are so far removed from the businesses you want to visit. Besides that, consider designing the Tacoma Dome station so that future light rail extensions can be made from it. Extending the mainline west / southwest towards DuPont / Lacey / Olympia, and a spur route to the south towards Midland, Spanaway and how such a spur could tie into a Tacoma Dome Station. Worst thing you could do is jeopardize future expansion by not considering such expansions now. Otherwise, keep up the great work.

Date Received
04/02/2018

Source
Online open house

Communication
Why build a light rail station with no parking? Will the two "new" sounder stations have adequate parking? I have yet to see how this ST 3 project will do anything to help eastern Pierce county (along the 167 corridor).

Date Received
04/16/2018

Source
Online open house

Communication
North of where I live. Will never use the service. Don't want to be included in paying for this project. Voted against it.

Date Received
04/03/2018

Source
Online open house

Communication
All of this light rail system should be constructed to accommodate future 24/7 service--it's frustrating to see Sound Transit plan (or include in public feedback prematurely) that light rail runs from 5AM-1AM. Please consider spending less on parking garages and more on system resiliency and future use that should accommodate service after 2:00 AM on the weekends and potential 24/7 service like that seen in Chicago and NYC.

Date Received
04/02/2018

Source
Online open house

Communication
Are there any plans to do work on the completion of 167 when the light rail goes through the should be started by then.

Date Received
04/17/2018

Source
Online open house

Communication
Bring it on!

Date Received
04/20/2018

Source
Online open house

Communication
The tentative locations of the rail line and stations/parking shown on the maps at the Open House looked OK to me. However, I saw some discussion about other possible rail and station locations proposed by Open House attendees that I would like to comment on. There was one suggestion to move the whole rail line to the east side of I-5 instead of the west side. I just want to go on record as opposing that, mostly for selfish reasons (I live on the east side of I-5 and don't want my neighborhood "urbanized" more than necessary), but I also believe there are lots of practical reasons to keep the line on the west side. I'm sure you all have done the analysis and know the reasons better than I. I also heard suggestions to locate the South Federal Way station near Todd Beamer / Wild Waves or across I-5 from the Weyerhaeuser Campus. I believe it's best to locate the stations in areas that are already "urbanized" with good road access. Locating a station, especially one with parking, in an area that is currently low-density, semi-rural, with limited road access (such as near Todd Beamer) invites a lot of disruption and cost. Residents of the area will resent the traffic, density, and urbanization being driven into their quiet semi-rural neighborhood, and there will be a lot of concern about potentially bringing crime into the area. Adding good traffic access will be complicated and costly, and to me it's accelerating a type of urban sprawl. To me, it makes more sense to locate stations in areas that are already dense with good vehicular access. The argument I heard for the Todd Beamer location is that it would serve Wild Waves customers in the summer in addition to commuters and other users. If this location is even to be considered, I'd like to see some data on whether attractions close to stations really do have a significant impact on ridership and the traffic relief provided by the Light Rail system. I don't know how much data is available or what kinds of analysis are typically used to drive these decisions, but it seems to me it would be useful to understand what percentage of ridership is likely to be commuters, vs. trips to Seattle for sporting events, vs. trips to Tacoma, vs. shopping trips, etc. And ideally, it would be good to have an estimate of how many cars and how much traffic congestion would be avoided under various scenarios â€" is the location of the South Federal Way station likely to have a significant impact on how much traffic congestion is eliminated by the System? I believe this is already a suggestion in the mix, but the Midway landfill seems like an ideal location for the maintenance facility â€" large piece of land available, currently unused, right on the rail line. One more suggestion â€" I own an electric car, and in spite of a lack of advertising or pushing by car manufacturers and dealerships, the number of electric vehicles on the road seems to be increasing very rapidly â€" electric cars make perfect sense in so many ways! The Angle Lake station has 4 charging stations, and they're nearly always full already, and as electric car usage increases the situation will only get worse. I think it would be good to plan for a LOT of charging stations in these proposed parking garages, and/or an infrastructure that makes it easy to convert additional parking spaces to charging stations as needed.

Date Received
04/03/2018

Source
Online open house

Communication
So, to start: I voted against ST3. Not because I oppose expanding regional transit, but because I wanted a different funding structure. Seattle and King Co. receive the majority of the benefits of ST3 expansion, but Tacoma and Sound Transit-Served Pierce Co. residents pay the same tax rates. This runs contrary to my definition of equity. I don't think I will use or receive considerable benefits from a Ballard extension--which seems like a Seattle-specific development, not a regional one--yet, South Sound tax dollars are subsidizing the project. I'm sharing this to ask for more honesty and transparency in how the projects are discussed, marketed, and developed. There's still work to be done to win over disgruntled taxpayers and I hope you're up to the challenge. The "Ballard--Seattle--Tacoma" extension is a farce. These are two different projects, serving exceedingly different populations. There is a Ballard extension and then a Tacoma extension. Bundling them in name is a ploy to play up the weak regional impacts of Seattle-specific services. "Borrowed funds." a.k.a. tax funded bonds. In the alternatives/map exercise, I was excited to see comments about mixed-modal transportation parallel to the light-rail expansion (e.g. bike trails and pedestrian bridges). Also, deviating the development away from I-5 and into more densely populated corridors sounds nice. If not actually feasible now, taking this future need into current design should be a priority.

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
More jobs Scaling maintenance facilities to system size is obviously ideal
Risks:
Don't bulldoze affordable housing to build it. There are plenty of sad broken down warehouses in the South Sound that would be better off bulldozedMake sure relatively affordable housing can be close to the facility for the work forcelow impact because there is already a maintenance facility therePlacement of an OMF facility in between Tacoma and SeaTac airport could yield recurring situations where trains stop on the guideway in between stations for changing operators. This impact would increase trip times for Tacoma passengers further north, and could be a disparate impact to low income or minority populations relative to the rest of the region.Additional power and waste used. Land used.Environmental: another large plot of land dedicated to otherwise industrial use.I wouldn't expect any significant impact, since I assume it would be built to modern environmental standards. Not enough information provided to give constructive feedback.Adverse environmental impact could be caused by destruction of natural terrain for building of a new facility. Seattle may not care about green spaces (Olympic Sculpture Garden, Steinbruek Park), but most people South of Boeing Field do.Environmental pollution. Noise pollution. Minimal impacts.Doesn't help people in the Renton areaIt would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK. zero to none. Maintenance, Preservation, Operations is critical to a sustained system.Drag on city and state budgets for generations to come.Construction-time, cost, waste.Really none that outweigh benefit.Cars off the roadA ripoff to every community. This is just another boondoggle project that will bleed people dry of hard earned income.Cost of construction, growth, increased cost of living, and loss of parking. The OMF should be located in Pierce County to spread the impact of Sound Transit's investments throughout the region.- although I don't know how loud an OMF site gets for regular maintenance and cleaning, it may be disruptive or noisy if close to a dense housing hub / neighborhood. - might be helpful to do some noise studies at existing OMF to educate the public about No one is going to use this money sucking mess.

Date Received
04/02/2018

Source
Online open house

Communication
"Benefits:
Create jobs for folks
Impacts:
Make sure relatively affordable housing can be close to the facility for the work force"

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Build it adjacent to the Street car line Tacoma's maintenance facility, could allow for combined operations
Impacts:
low impact because there is already a maintenance facility there"

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Opportunity to design connections for bus transit, pedestrians, and cycling.
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
An OMF facility situated close to the end of the line in Tacoma could be strategically placed in the Nalley Valley area. Doing this may enable another station in South Downtown Tacoma with less cost, and would help with a future extension to the Tacoma Mall regional growth center identified in the Sound Transit Long Range Plan.
Impacts:
Placement of an OMF facility in between Tacoma and SeaTac airport could yield recurring situations where trains stop on the guideway in between stations for changing operators. This impact would increase trip times for Tacoma passengers further north, and could be a disparate impact to low income or minority populations relative to the rest of the region."

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Supports future expansion of Light rail towards Olympia / Lacey.
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Pure and simple, it should be along Pac Hwy in Milton.
Impacts:

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Additional local jobs surrounding a clean industry. Could be powered by clean, inexpensive renewable energy.
Impacts:
Additional power and waste used. Land used.

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Quicker overall service and maintenance for South Sound light-rail cars.
Impacts:
Environmental: another large plot of land dedicated to otherwise industrial use.

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Some jobs, no especially significant numbers though.
Impacts:
I wouldn't expect any significant impact, since I assume it would be built to modern environmental standards.

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Potentially provide a handful of jobs in the area. Less resources used getting trains to and from m&o facilities.
Impacts:
Not enough information provided to give constructive feedback.

Date Received
04/04/2018

Source
Online open house

Communication
Benefits:
Using already existing development to reduce impact on community, sprawl, and environment.
Impacts:
Adverse environmental impact could be caused by destruction of natural terrain for building of a new facility. Seattle may not care about green spaces (Olympic Sculpture Garden, Steinbruek Park), but most people South of Boeing Field do.

Date Received
04/04/2018

Source
Online open house

Communication
Benefits:
Needed infrastructure. Completely understand
Impacts:

Date Received
04/06/2018

Source
Online open house

Communication
Benefits:
Provide jobs. A more central location for southern operations. If something breaks, don't have to wait for Seattle maintenance to fix it.
Impacts:
Environmental pollution. Noise pollution.

Date Received
04/06/2018

Source
Online open house

Communication
Benefits:
An operations & maintenance facility based in the south corridor will bring family wage jobs to the area. An O&M facility will keep tax dollars in our community. An O&M facility will allow equipment to be maintained nearest to the area where it operates.
Impacts:
Minimal impacts.

Date Received
04/07/2018

Source
Online open house

Communication
Benefits:
Less freeway congestion Less auto accidents Better quality of life Less money spent on road maintinance
Impacts:

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
Impacts:
Doesn't help people in the Renton area

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
It would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK.
Impacts:
It would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK.

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
Think the former Weyerhaeuser Campus or surrounding parcels. Federal Way is centrally located and the ideal location for the OMF. There is ample commercial space along the proposed corridor including but not limited to Weyerhaeuser campus adjacent parcels, Enchanted Parkway, or, within areas near around Costco/Lowes/Todd Beamer
Impacts:
zero to none. Maintenance, Preservation, Operations is critical to a sustained system.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Impacts:
Drag on city and state budgets for generations to come.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Create new jobs. Localized help to facilitate the route.
Impacts:
Construction-time, cost, waste.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Improved access to Seattle without adding to traffic patterns.
Impacts:
Really none that outweigh benefit.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
benefits peoples lives and the environment.
Impacts:
Cars off the road

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
There is no benefit. This project shoulsd be scrapped in it's entirety.
Impacts:
A ripoff to every community. This is just another boondoggle project that will bleed people dry of hard earned income.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
I believe this will attract new economy to our region as well as tourism. Right now it can be challenging for international travelers to explore the region during their visits. Also, hopefully we will see less congestion on 1-5, which positively impacts the environment. This will provide a tremendous opportunity for seniors and those with disabilities to participate in community life and maintain independence throughout the region. Our municipal leaders should thoughtfully plan growth for housing and services for special populations that is near the link and other transit lines.
Impacts:
Cost of construction, growth, increased cost of living, and loss of parking.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Jobs. Opening additional transit for we residents from the Olympia area.
Impacts:

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Sounds like it will be necessary for servicing and maintaining the extension.
Impacts:

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Impacts:
The OMF should be located in Pierce County to spread the impact of Sound Transit's investments throughout the region.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
more long-term, stable jobs in the community, especially for Pierce County. - If OMF-S stop is co-located with / easily accessible to a planned TDLE stop, could provide transit commute for OMF-S workers (provided the work shifts are aligned with Link schedules) - OMF located closer to the service line could improve turnaround time for ongoing cleaning / maintenance - OMF located in Pierce county close to other employment, transit and other hubs could be attractive for other employers
Impacts:
- although I don't know how loud an OMF site gets for regular maintenance and cleaning, it may be disruptive or noisy if close to a dense housing hub / neighborhood. - might be helpful to do some noise studies at existing OMF to educate the public about

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Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
No benefit.
Impacts:
No one is going to use this money sucking mess.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
A centrally located facility would be convenient to keep trains and equiptment in good shape and in service.
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Just build it already. Also work to get Pierce Transit to feed this line better. Also need easy transfers to Tacoma Link. BIG priority! Thanks.

Date Received
04/02/2018

Source
Online open house

Communication
What about east Pierce county and the traffic along sr 167?

Date Received
04/03/2018

Source
Online open house

Communication
Consider short-term/interim projects that can help address some of the needs in the area yet still meet the purpose (traffic signal improvements, local access improvements, etc.) and set the stage for the future bigger projects. These can be phased over time so that the community sees progress rather than waiting around until 2030 to see construction.

Date Received
04/03/2018

Source
Online open house

Communication
To achieve these goals, a different alignment is required. Alignments abutting I-5 will permanently, physically, eliminate 1/2 of the ability to support transit-orient development, and all that stems from good transit. The I-5 alignment is not optimal for any of the other Purposes or Needs listed. The South Sound needs a route that allows for ongoing development much further into the future that the more built out north. Please (re)consider alignments, perhaps through Milton and along 20th in Fife, crossing back to the Tacoma station after crossing the Puyallup River. (Perhaps under I-5 near Bay Street where existing underpass are being filled in with foam blocks.)

Date Received
04/04/2018

Source
Online open house

Communication
This section is watered down and does not have any measuring sticks to influence evaluation criteria: Encourage equitable and sustainable urban growth in station areas through support of transit-oriented development, station access and multimodal integration, consistent with adopted local comprehensive or land-use plans. Please consider this wording: Encourage equitable and sustainable urban growth in station areas through support of transit-oriented development, station access and multimodal integration, to maximize transit ridership and reduce single occupancy vehicles in a way that's consistent with local and regional plans. Transportation options and health are closely related. They should be mentioned here? Pierce County has substantial problems with health due to air pollution and a lack of bicycle-pedestrian infrastructure of a similar scale as the rest of the region. This linear nature of this project has the ability to be leveraged in such a way as to transform how people get from Tacoma to Fife and Federal Way beyond just those that ride light rail.

Date Received
04/04/2018

Source
Online open house

Communication
Your ends and your means both need work. They don't support each other. A line that ends at the Tacoma Dome stops short of connecting regional growth centers. People don't live and play next to it. It doesn't expand mobility one iota. Many stations are in the suburbs. Why would you plan to bring equitable and sustainable urban growth to non-urban regions? That just promotes more sprawl. That's the opposite of ST's claimed goals. I could go on for pages. ST's heart is in the right place, but the brain and the arm seem willfully incompetent.

Date Received
04/06/2018

Source
Online open house

Communication
The most important purpose is: "There is not enough transit capacity to serve the corridor's riders today or in the future."

Date Received
04/06/2018

Source
Online open house

Communication
Add purpose and need statement about rider experience: Provide for transfers as convenient as possible between all transit modes, including Sounder, Tacoma Link and local bus systems, with preference given to level connectivity that doesn't require an elevator, escalator or stairs to facilitate movement for transit riders and to encourage more ridership.

Date Received
04/07/2018

Source
Online open house

Communication
This is absolutely a great idea and I am very happy this project is underway. As a UW student, I have to travel far to get to school every day--1.5 hrs there and back. I live in Federal Way and have to drive all the way to Angle Lake, and even then there may not be any parking available. That's a 20 min drive, plus a 10 minute buffer for traffic, parking and actually getting into the light rail. But as soon as I'm on the light rail, I can reliably estimate my time of arrival at around 50 minutes. When I heard of this project, I was very excited, because I am planning to work in the Seattle area in the future and this will be fantastic for my commute. It would greatly reduce my travel time, traffic frustration, my gas expenses and my impact on the environment. I know many UW students who live in the South Seattle area and would love a light rail connecting us to Seattle. Thank you so much for starting this project! We can't wait till it's finished. Keep it up--we're wholeheartedly supporting all of you!

Date Received
04/10/2018

Source
Online open house

Communication
Terrible waste of limited funds. Express bus on dedicated lanes is so much cheaper to build and maintain, and so much more flexible in case of equipment breakdown. Ridiculous that light rail is even under consideration.

Date Received
04/13/2018

Source
Online open house

Communication
Agree. Our public transit system is years behind other major metro areas.

Date Received
04/16/2018

Source
Online open house

Communication
Provide adequate parking. I will drive to light rail & take it, but I WILL not take a bus or uber or a taxi to go to light rail.

Date Received
04/16/2018

Source
Online open house

Communication
It would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK.

Date Received
04/16/2018

Source
Online open house

Communication
The project diverts funds from adding additional lanes for interstates and freeway. Washington State doesn't have the density for light rail.to work effectively.

Date Received
04/16/2018

Source
Online open house

Communication
This does nothing for me as I live in Snohomish, yet I pay A LOT for others to use it. I say find another way to fund it instead of taking money from people who don't use it.

Date Received
04/16/2018

Source
Online open house

Communication
The system is needed, period! Link as it currently is running today (through downtown Seattle) continues to demonstrate unequivocally, with its increased YOY ridership figures and timesaving benefits for riders why this system is a long time coming. Hands down good for the environment. We should have built the system in the 1960's when it was initially proposed.

Date Received
04/17/2018

Source
Online open house

Communication
The purpose is to line the pockets of politicians and the people who support them by building something we don't need.

Date Received
04/17/2018

Source
Online open house

Communication
I'd like to see this fast tracked. This is a vital link in "the spine" that in my opinion should be prioritized over the Hill-Top extension. Linking Tacoma to Seattle and Sea-Tac airport makes more sense and better use of ST dollars.

Date Received
04/17/2018

Source
Online open house

Communication
Need is obvious, all benefit outweighs any current cost projection.

Date Received
04/17/2018

Source
Online open house

Communication
We need to move forward in our infrastructure.

Date Received
04/17/2018

Source
Online open house

Communication
Strongly support any action to accelerate light rail expansion from Seattle to Tacoma. More efficient transportation options are critical to Tacoma's long term economic viability.

Date Received
04/17/2018

Source
Online open house

Communication
Get people off the road and back with their families.

Date Received
04/17/2018

Source
Online open house

Communication
Has there been any studies to determine the rate of accidents the system will insure with the current route in mind? How many intersections will be affected? How long it will take on average clear these accidents and put trains back into service and how you handle the traffic flow during these shutdown? Has a study been done as to the affect a major earthquake would have on the system? Will the tracks become misaligned due to ground movement? How to move the masses incase of a total system shutdown? Cost per trip per person on a daily basis at full capacity and other intervals in-between? I have never seen any of this data. Why not? It is extremely relevant to know this info to make any kind of rational decision.

Date Received
04/17/2018

Source
Online open house

Communication
This project is a great idea and meets a huge need. I would like to see the link light rail extended to Puyallup, a fast growing area that is full of commuters. In the meantime the Sounder needs to have extended hours during the weekday.

Date Received
04/17/2018

Source
Online open house

Communication
YES! Again; I am so excited for the light rail extension to Tacoma. It will be great for Tacoma and Tacomans!!! I can't wait to ride my bike to the light rail station to head up to a Mariners game or day in Seattle. This opens the possibility of considering job opportunities that I wouldn't have considered because I do not want to drive North on I5 Mon-Fri.

Date Received
04/17/2018

Source
Online open house

Communication
It doesn't give better access to anyone. If want access use buses or cars. Vehicles that actually can get everywhere. Sound Transit is a thief of the tax payers. You are literally stealing from the public with your over pricing on vehicle values and all the other ways you and this state are ripping everyone off. Not sure where you expect people to find all of this money. And on top of it none of this will benefit the majority. You should all be ashamed of your sidewinding game playing.

Date Received
04/17/2018

Source
Online open house

Communication
Add weekend service to the Sounder Train. We need a couple options going from Lkwd to Seattle and back. Also, please add service from Lkwd to the Airport. We need this option. Lastly, continue the parking opportunities. In this area with do not have local options 24x7 so it will be a necessity to drive to our commuting options.

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Impacts:
How will the guide way effect the completion of the 167 to I-5

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:

TDLE would be an option for mobility between Tacoma, Sea-Tac Airport and the rest of the Central Puget Sound Region. Electric light rail would help reduce air pollution in an area that has been in the past classified as a non-attainment area by the EPA. Light rail would improve quality of life by making it easier for people to get to work, school, and entertainment during peak use of the highway system, and make it possible to facilitate large events at the Tacoma Dome.
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Opportunity to design connections for bus transit, pedestrians, and cycling.
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
It's fantastic -- need to get it done much quicker. Also cross the bridge to Gig Harbor
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Connects regionally important locations and job centers. Provides easy access to the Tacoma Dome. Bus transfers could be made easy to feed into Link and drive ridership. Grade separation means no traffic slowdowns or gridlock.
Impacts:
Improve livability, walkability, and community cohesion around station locations. Improve land use and value near stations. Decrease emissions and improve the environment.

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
Get's light rail closer to Olympia / Lacey.
Impacts:
Follows I-5, avoiding the main community centers along SR 99 that would actually benefit directly from stations along SR 99. Would rather deal with I-5 traffic and driving around than try to find my way to businesses on foot from stations located so far away from the actual business centers. Same goes for Federal Way extension, the I-5 alignment puts the stations way too far away from the SR 99 corridor businesses, which means if I use this route, it'll be just to get to and from Seattle, as I'll have little if any incentive to stop anywhere in-between.

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
More frequent service Reduce congestion on 5
Impacts:

Date Received
04/02/2018

Source
Online open house

Communication
Benefits:
South end is lower income than the north and east side; public transportation is more vital here. Plenty of space to create track line on Pac Hwy from T-Dome to FWTC. Also hope/help improve the area of Pac Hwy through Milton.
Impacts:
As a monopoly, you'll over charge/abuse the tax payers. You have no clue how to properly manage/spend/track/follow the funds. On a more understandable level, ...you'll be in the way of general traffic. Big time from T-Dome to getting over the river. The big rigs in the area are a b!tch to deal with already.

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Less cars on the road, cleaner air, giving more opportunities to people that can't afford to drive
Impacts:

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Get cars off the road.
Impacts:
Less money wasted on parking and road expansion.

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
-Less reliance on cars. This would allow easier access to the airport, Seattle, and more education (UW, etc) that is affordable (especially when compared to cars/parking) and much easier for families. Strollers, bikes, and wheelchairs on light rail is muc
Impacts:
Any impacts are much much less than the alternative of expanding the freeway, or using cars. This may have a short term impact, but long term, this is much better for our community and the environment.

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Traffic-free transit option between Tacoma and Seattle. Some regional connections.
Impacts:
Still take a long time to get from Tacoma to Seattle (80+ minutes?). Longer than driving outside of rush hour. Environmental: Large capital construction and up-front carbon impact. Removal of trees. Overlooked regional connections: Milton, Actual East Tacoma Challenges for people with mobility issues to get to/from TDLE and existing transit options (Sounder, Link, Tacoma Dome Transit Station, and Federal Way Transit Station).

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Connections from Tacoma to the airport and to downtown Seattle should remove a good number of trips from I-5, at least for me. I try to take the Sounder busses now, but sometimes they get caught in traffic and run well behind schedule. Light rail, especially when elevated, should all but eliminate traffic delays.
Impacts:
Sprawl rather than density. Making commuting easier may lead to more sprawl, instead of encouraging higher density urban development

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Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Easier to get to and from the airport which means less need for long-term parking and traffic in and around the airport.
Impacts:
Cost. Lengthy implementation-Tacoma can't wait until 2030 to have this service!

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
Convienent reliable service to Seattle and the airport.
Impacts:
Construction impacts. Time line seems long especially if service to fed way starts on 2024

Date Received
04/03/2018

Source
Online open house

Communication
Benefits:
It could drastically improve the gridlock on I-5 commuters face every day - cutting commuting times by 1-2 hours a day from Tacoma to Seattle - once the entire corridor is covered. The interim milestones that would only connect up to Federal Way would have a moderate effect only as many of us living in Tacoma have jobs in Seattle, not Federal Way. Link rail would provide a realistic solution that addresses the gaps in service (too few runs throughout the day) of the Sounder Train and the busses, which run frequently but are overcrowded and get stuck in traffic.
Impacts:
Construction of these link connections are stretched over too many years; meaning we'll be stuck in the interim on the freeways and elsewhere in bad traffic associated with construction; and many of us won't even get to reap the benefits of these improvements (we'll be retired by the time the gridlock eases).

Date Received
04/04/2018

Source
Online open house

Communication
Benefits:
If designed with supporting multimodal travel in mind, a bike path could be integrated into the overall light rail design, which could help improve access along the corridor, help solve first-mile/last-mile access, further reduce vehicle travel, and reduce the need for costly parking spaces. Right now it is very unsafe to bike in the Fife industrial area, either in bike lanes or on incomplete sidewalks, which limits the ability of that mode to serve as access to stations in the south corridor. This lack of access to regional bike infrastructure impacts the health of low income and minority residents. If light rail between Tacoma and Federal Way doubled as a bike path, it could be a regional attraction, and more people may ride the service.
Impacts:
If wetlands are displaced as a result of the expansion of light rail, those environmental services and habitat would need to be restored elsewhere in the area to compensate.

Date Received
04/04/2018

Source
Online open house

Communication
Benefits:
Easier, faster to get to SeaTac and Seattle than driving I-5 (either by car or bus).
Impacts:
Making the parking situation at Tacoma Dome Station even worse that it already is.

Date Received
04/04/2018

Source
Online open house

Communication
Benefits:
Densification - Seatac to Tacoma is an iconic example of sprawl, with only a mild increase in density around 320th. Putting light rail stops in already relatively dense regions of South King County, combined with TOD, could make a real difference in fighting sprawl down here. If we instead follow ST's current methods (using light rail stops and TOD to move people, rather than running transit to where people already are) all that will happen is sprawl getting sprawlier.
Impacts:
Poor routing - Central Link, not Tacoma Link, needs to go to TCC. The tracks in downtown Tacoma will likely need to be removed/retrofitted for this, but that is simply the price we will have to pay for our hubris and hindsight. Running and maintaining two separate light rail fleets is ludicrous, and I know reducing redundancy is one of ST's mandates. Central Link not going into downtown Tacoma is so foolish it goes beyond surreal. Longer travel times - The ST/Link gridded system turns many one seat rides into two or three seat rides, slowing everybody down. Fewer transfers means less time wairing at stops, making the commute to wherever quicker. Moving away from a grid system and towards a demand system serves more people for less.

Date Received
04/04/2018

Source
Online open house

Communication
Benefits:
Alternative to Increasingly horrible congestion. Grade separation means a reliable trip that is not prone to car/people interference (Rainier Valley) Can help shape land use policy (more transit-oriented development)
Impacts:

Date Received
04/05/2018

Source
Online open house

Communication
Benefits:
The benefits are too numerous to list - improved property values, reduced pollution and wasted time in traffic, community connectedness, reduced environmental impact from transportation. Most importantly - it's nice to dream of some actual benefit for Pierce County residents who have been paying for this light rail program for many years and have yet to see an ounce of benefit from it.
Impacts:
The oil and automotive-related industries will likely suffer a bit from lower sales. Providers of psychological therapy and depression medications may have a reduced customer base because people are happier and healthier.

Date Received
04/06/2018

Source
Online open house

Communication
Benefits:
Reduce traffic congestion if ridership is encouraged and the line is actually highly utilized/well received. I feel like there is some economic benefit to Tacoma and other communities for tourism. People visiting Seattle without a car might take advantage of the lightrail to come down to Tacoma to check out museums, restaurants, etc.
Impacts:
Noise pollution going through to Hilltop? Relocation of residents living in the path of the new extension.

Date Received
04/06/2018

Source
Online open house

Communication
Benefits:
Improved access to SeaTac. Improved mobility between Federal Way + Tacoma. Ability to divert bus hours away from I-5 corridor into neighborhood service. Ability to concentrate development at Link stations and reduce need for automobiles.
Impacts:
Minimal negatives.

Date Received
04/07/2018

Source
Online open house

Communication
Benefits:
Easy Access More money for the city and casino Less DUI accidents Less Pollution
Impacts:
More parking structures Takes too long to build Needs lots of land for busses to transfer to

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Date Received
04/08/2018

Source
Online open house

Communication
Benefits:
I would love to see this project happen. Living in Federal Way, it would be much easier to travel to Tacoma and to Seattle.
Impacts:
Less traffic, less emissions, more job opportunities and better access to existing jobs, easier travel can generare more revenue from tourism.

Date Received
04/11/2018

Source
Online open house

Communication
Benefits:
Impacts:

Date Received
04/13/2018

Source
Online open house

Communication
Benefits:
South Sound areas would no longer be isolated from the airport and other downtown areas.
Impacts:
No major negative impact anticipated; would take cars off highways, decreasing traffic and pollution. I-5 is no longer really a freeway as it is always gridlocked, day and night.

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
All positive! Can't wait for this to happen. Can't imagine why anyone wouldn't want it.
Impacts:

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
Impacts:
Tacoma Dome parking structure is already used to its maximum potential during the week. Perhaps the link's end point should be somewhere else near to an OMF and another parking structure--East Tacoma would be my choice.

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
Provide adequate parking at each stop. I will not take a bus to a light rail stop.
Impacts:
Burning taxpayer money faster than I can pay it

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
More convenient, reduced traffic, fast, reduces carbon emissions
Impacts:
Higher costs and taxes

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
Impacts:
The imacts are many, but chief among them is the reality that it's a long-term commitment to publicly fund a project that replaces one form of transportation with another (specifically one associated with affluent/white communities.) Less objectively, it doesn't feel like it helps those who use public transit. It feels like it's a bet on infrastructure that may not even be relevant. Lastly, this doesn't feel like Tacoma. We don't need to make our city more like one of the many cited destinations. We need investment in infrastructure that supports the current needs of our residents and businesses.

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
It would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK.
Impacts:
It would literally not benefit me in any way. In fact, it is completely the opposite since it QUADRUPLED my tab fees for 2 vehicles in my household, making us pay nearly $1000 a year just to drive. This doesn't go anywhere close to where I travel and I don't know of anyone who drives from Tacoma to Federal Way or back. Terrible terrible plan that Pierce County did not vote for. WE DONT WANT IT. GIVE US OUR MONEY BACK.

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
None
Impacts:
Raises taxes Diverts funds from roads Takes too long to build

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Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
Studies have shown the long term overall (reduced) carbon footprint as a combined positive affect of folks using the light rail and associated modal options, rather than using their cars on our roads particularly during our ever extending peak commute hours - is a clear benefit of this investment. Building infrastructure creates jobs. Once the system is complete it support people who have jobs.
Impacts:
limited to none. Perhaps some displaced property owners (via right of way acquisition).

Date Received
04/16/2018

Source
Online open house

Communication
Benefits:
going past the casino is a big bonus draw!
Impacts:
Tacoma freeway traffic is horrible - this can help.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Keeps cars off the road. Les strees on workers Getting to work on time. Helps everyone You can also see the city.
Impacts:
It will allow more people to get to and from work faster. Create more jobs Keep the inviorment cleaner air. We are very behind in transit

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Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Extend to Amtrak stations
Impacts:
Enhance commerce and facilitate mass trans between Portland and seattle

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Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Impacts:
Drag on city and state budgets for generations to come.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Eliminate some of the horrific traffic through Fife. Make commuting to Seattle easier for long distance commuters. Make commuting to SeaTac easier for those coming from the south sound. May eliminate some traffic during Tacoma Dome events. So many benefits...compared to other major growing cities, we are behind in our public transportation infrastructure.
Impacts:
Construction and related hazards/waste. Cost.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Linking the I-5 corridor, easing traffic congestion, general improvement in Seattle/Tacoma access without further traffic impact.
Impacts:
Really non that outweigh the benefit.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Access to businesses, friends and recreation.
Impacts:
We need to have all this infrastructure in place now, not years away. I do not mind at all paying for it through tab taxes.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Give Tacoma/Pierce County equity with Seattle/ King County. Allow Tacoma to grow in population without sacrificing maneuverability.
Impacts:
Nothing significant.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Strongly support any action to accelerate light rail expansion from Seattle to Tacoma. More efficient transportation options are critical to Tacoma's long term economic viability. In the past five years our family has seriously considered moving north at least three times due to longer and longer commutes. We love Tacoma but the lack of major fortune 500 companies in the area makes work in Seattle/Bellevue a necessity, every year the tipping point of work/life balance gets worse.
Impacts:
You can save money in the short term by delaying expansion, but the city will get left behind. High income earners, tax payers with discretionary income will move north impacting housing, small businesses and future development.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Connections to commercial centers. Currently, the light rail alignment seems to connect to big parking garages and parallel the interstate. While this benefits me personally as a Tacoma resident looking for a faster ride to downtown Seattle or the Seattle-Tacoma Airport, it will not benefit the communities who could potentially lure me into their downtown business districts if the light rail station was more conveniently located away from the interstate and parking garages.
Impacts:
The impact of light-rail line parallel to the interstate is greatest for the large centers and not the communities in between - it becomes a high-speed route from Tacoma to the airport and Seattle, rather than being a gateway into the suburban communities along the way. It seems that transit and parking garages will be needed to feed those suburban stations, rather than significant opportunities for transit-oriented development or placement of stations in existing business districts. Granted, this approach lowers the cost and also impact to existing structures - not sure that it allows as many longer-term benefits that could occur with a different alignment.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
This would take cars off the road and change peoples lives for the better.
Impacts:
This would make life so much easier and better for the environment.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Ease traffic congestions, make it easier for those who choose not to drive to access central locations like the airport, the stadium district, downtown Seattle, UW. I currently drive to Angle Lake station when I go to downtown Seattle or UW. Much more pleasant than sitting in traffic.
Impacts:
As the population of the South Sound grows, so will traffic congestions, and perhaps we will witness a younger generation that I hope will not feel the need to be so reliant on the automobile. We have used mass transit systems around the world and it is time that the Puget Sound area also provide smarter ways to move people. Will there the pain in the construction period? Of course. Will Parking garages and lots be full and disgruntled latecomers will complain? Of course. Will it be expensive to build? Undoubtedly. But it is a big step to making Tacoma a more livable city.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
This project will change the way that my husband and I evaluate any trip from going to the airport, to visiting a friend, exploring a new town center, or even evaluating job opportunities. At this time, I take the bus to work in Downtown Tacoma everyday. The trip is only 15 minutes and I love using transit. If I could experience equal convenience for a longer distance, I would always choose this option. This is especially convenient because my employer supplies me with an ORCA card so it is really the best option for me so long as total running time and available hours are convenient.
Impacts:
I live in North Tacoma so for this section's expansion the biggest issues I would see are potentially being an expensive project that is not offered frequently enough to be convenient for many type of trips as well as overall cost to tax payers. I hope that others paying for this project find the routes to be equally convenient.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Develop transit oriented development around stations. I have a daughter who is almost in college. Would love for her to be able to live near a station and take the link to UW. Will give us affordable housing options.
Impacts:
Parking. There is already a lack of parking. As someone who will drive up to Tacoma from Lacey, I will need a space. My use of a space may take away from area business owners.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
I couldn't be more excited about this as a means to travel from Tacoma to the airport and Seattle for work and entertainment.
Impacts:

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
This will greatly improve the connectivity between Tacoma and Seattle, the two hubs of our metro area.
Impacts:

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Yes Please. the soon the better.
Impacts:

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
Car free commute from Tacoma to FW and beyond.
Impacts:
20 minutes from South Federal Way to TDS seems a little long. Are there ways to shorten the commute?

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
The addition of the future light rail service to the Tacoma Dome Link Extension will offer a cleaner and faster transportation alternative to get to destinations north and south of here and it will be less time consuming, less stressful and more relaxing to get to these destinations.
Impacts:
When the light rail service has been completed and people start using it as a transportation alternative to driving on the highway in a personal vehicle, the price of using the light rail service could be a limiting factor for some passengers who need it. Unless there is the availability of a park-and-ride facility and access to local public transit near where there will be a light rail stop, some people may not be able to use the light rail as they will not be able to get to their destinations (i.e. to work and back home from work).

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
No benefits.....just a money suck.
Impacts:
Stripping money from tax payers for a wasted unuseable mess.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
It's a necessity!! We need less cars on the road. Congestion strips commuters of little time they have to allot to their personal lives. It adds increased costs and flat-out stinks. I travel daily from Lakewood to Renton and spend 3 hours commuting! And don't forget to offer parking opportunities!
Impacts:
This offers folks the opportuneties to go car-less and get from their local spot to other areas offering other commuting options. Local options get people to/from their jobs.

Date Received
04/17/2018

Source
Online open house

Communication
Benefits:
I see this as beneficial for the disabled and elderly.
Impacts:
This will cost those of us that can and do drive and I personally feel that is not right. We already pay for roads, tabs, license, insurance and fuel. Find another way to get the money if you choose this project. WA drivers pay for enough

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Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Important for new station to allow easy access to the other project, Hilltop Tacoma Link Extension, as well as the various bus bays here at Tacoma Dome Station. To encourage use, I think it is important to minimize confusion for locals traveling out of Tacoma as well as for tourists from the airport. Rider confusion will happen, but try to minimize potential problems of where to catch transfer to encourage ridership.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
I suggest the new maintenance facility be placed here at Wild Waves park. It is not used much of the year due to the weather and I feel like this might be a better public use. Unfortunately, I do not see better options that cause less disruption to other existing businesses or land. Also, it is fairly central in location for this new line, which I learned is important from the rep at the Open House.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
OMF at landfill? Seems like a potential great reuse if technically viable.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Locate the line and the station further from I-5 to allow for greater development around the station. Seems an alignment from the FWTC via 99 could route down Kingsbury and then return to an I-5 alignment.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Parking? No additional parking was planned for this station location. Are there opportunities to either partner with the Tacoma Dome or adjacent private property owners to create more structured parking? This might be in coordination with instituting paid parking at the current garage. We want this area to develop as a vibrant mixed-use area. At the same time the Tacoma Dome and other destinations need parking some amount of parking, especially on evenings and weekends.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
At this location an elevated or at-grade line should enter a tunnel to reach the Tacoma Dome Station location. Seems it could easily extend to a location at 26th and D Street or alternatively route beneath the train tracks and freight house square to get closer to 25th and Puyallup Avenues.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Can we tunnel to a cut and cover station at Puyallup Ave or 25th? Maybe the solution is to be just west of D-Street between Puyallup and 25th, kitty corner from Freight House Square, close to parking, buses, and link... This would be a subterranean station with potential for TOD directly above. Would be transformational for the district and be a great location for transferring to other modes. Also allows for flexibility tunneling and extending the line further, including into downtown Tacoma.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Station here might spur development of Portland Ave as a mixed-use center and also suggest some rezone north of I-5. Ideally the station would be located south of I-5. Either way, designing a station for ease of drop-off & pick-up as well as mode transfer to buses is important. This might be facilitated by positioning the station to straddle Portland Ave or shifting it north to be away from the congested interchange at I-5. The pedestrian connection(s) under I-5 must be improved.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Consider potential transportation improvements to facilitate access to the station locations from McKinley neighborhood. L-Street will become an important route.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Short tunnel here to get under hill and L Street. Potential at-grade alignment thru industrial area before returning to a tunnel and cut and cover station for the Tacoma Dome.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Station here should be a cut and cover. Allows for greater options for extending the line in the future beneath the Dome District and preferably further into downtown Tacoma (Brewery District or UWT) before eventually returning to above grade and continuing to Tacoma Mall.

Date Received
05/03/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
This seems like a potential location for a OMF. It's tucked out of the way and has a natural green buffer w/ a slope on the south side. A OMF at this location would be directly along the line and potentially could tie in with development around the Tacoma Dome w/ shared parking or some mixed use development.

Date Received
05/02/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
The historic Weyerhaeuser campus should NOT be used for the OEM facility. It is not zoned industrial and efforts are on ongoing to preserve its unique character. OEM facility is inappropriate next to the historic HQ building, bonsai museum and rhododendron garden.

Date Received
05/02/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
This is the major entrance to Federal Way, aesthetics is a must. Opposed to aerial tracks here. There should be grade separation, with 320th Street crossing over the rail line, similar to Tukwila on 188th or in downtown Kent on Willis Street.

Date Received
05/02/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Most of the single-family residential and multi-family residential apartment complexes are south of I-5. The Fife light rail station should be located near these to better promote ridership and lessen the number of vehicles on highways. It doesn't seem practical to build the Fife light rail station north of I-5 because the majority of Fife residents live south of I-5.

Date Received
05/02/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Light rail alignment and Fife station should stay along I-5. Coordinating between Federal Way, Fife, and Tacoma jurisdictions is stressful and complicated. Maintaining a stable I-5 alignment from Federal Way to Tacoma will be significantly less expensive to construct and quicker to complete than snaking through Highway 99 in Fife.

Date Received
05/02/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Move the station to this spot instead of the casino place, itâ€™s right in the middle of everything but leaves a little room so youâ€™re not building right on top of the awful 54th ave traffic. Itâ€™s by the business park, post office, banks, food, shopping. Plenty of room for a parking garage.

Date Received
05/01/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Dome District is a true TOD! We just need the vacant lots filled with housing!
TOD residents are:
twice as likely not to own a car as US households
5 times more likely to commute by transit than others in region
able to save up to 16% on transportation compared to auto dependant exurbs
We need to maintain our north/south streets, do not cross at grade! and elevated tracks are over-rated, they can lower property values with the perception of being under the tracks. Underground!

Date Received
05/01/2018

Source
Online open house

Communication
Up Votes: 13
Down Votes: 0
Best for Dome District would be to underground here as the grade rises going west. Station could be at Puyallup Tribe land above Sounder/Amtrak station platform digging down with parking and a station that comes right out on south platform and a bridge with elevator that goes across the tracks to FH Sq. and Light Rail Link and busses etc. several stories of housing on top, of course

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Date Received
04/30/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 1
Unless the City of Tacoma is willing to update the zoning in this area to support mixed use and residential, I would consider deleting this station and considering one in the Brewery district. There is very little in the station walkshed of interest, it is cut off from the residential across I-5, and there is limited value to rail/bus transfers (the 41 already stops at the dome).

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Consider an extension to this region as well.

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Consider expansion to Olympia.

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Consider expansion to the suburbs along the existing spur to allow for individuals with less money to more easily work in downtown Seattle or Tacoma.

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Consider acquiring large parcels around 16th Ave for construction staging. Great opportunity for TOD once construction is complete

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Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Add additional parking in current P&R footprint. Keeps P&R traffic away from interchange traffic and station access traffic. Having parking at 'edge' of station walkshed is good for TOD

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 1
Walmart parking lot good locations for tracks to cut away from I5 towards station.

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 1
Large, industrial zoned space of old Wyehauser campus is good opportunity for large OMF facility, even with a necessary crossing of I5

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Ensure good bus -rail connection for local (feeder) buses coming from SR 161

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Consider opportunity for bus-rail transfers with bus routes on SR99

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 3
Down Votes: 1
Similar to Federal Way TC, even with I5 alignment, pull the station away from the interchange to maximize TOD

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 0
Consider siting OMF yard slightly away from station, to no imped upon TOD opportunities

---

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 1
Opportunity to extend to Pacific Ave, a key bus corridor

Date Received
04/28/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Multi-modal crossing here would improve bike/ped access to East Tacoma Station and extend the station walk-shed

---

Date Received
04/27/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 2
No one will ride a bike or take a connecting bus to this location. You better plan to build lots of parking stalls for this to get used. People come to this location to buy large trunk loads of paper towels, food, hardware items, etc. This will not be items to bring home on the train.

Date Received
04/27/2018

Source
Online open house

Communication
Up Votes: 3
Down Votes: 1
The worst place to put the OMF is on the Hwy 18/I5 Triangle area. This is a residential zoned area and is in the PAA for Federal Way. The traffic and truck traffic now already clogs the small streets. The noise from the operations will disrupt the residential neighborhood filled with families and children who attend nearby Lakeland Elementary school. The size of 30 - 50 acres of and "Industrial Complex" to even be considered for this area is unbelievable. This is Unincorporated King County.

Date Received
04/24/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 1
Also investigate aerial 99 alignment

Date Received
04/24/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 0
Station spanning I-5 allows for access from community to the South as well as business/downtown access to the North

---

Date Received
04/24/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 1
Potential OMB location with tracks crossing I-5

Date Received
04/24/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Potential station location utilizing parking at Christian Faith Center; also serves local community. Would require bus connector or service improvements to serve SR 169/SR 18 area

---

Date Received
04/24/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 2
Potential station location serving both Walmart area and shopping center to the South
Station spans SR 18

Date Received
04/23/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 0
Retain access to Stadium Station.
An alternative under consideration for extensions to West Seattle/Ballard would remove the connection to Stadium Station for Tacoma and Federal Way. This would be detrimental to Tacoma and Federal Way riders of light rail. Please coordinate alternatives between the TDLE and Ballard/West Seattle processes to ensure they are not impacting one another.

Date Received
04/18/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
a walking path to connect to the bonsai museum and botanical garden would be nice

---

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 3
South Federal Way to Fife line makes more sense on SR99 since there is less development and should be cheaper with less elevation changes (overpasses) to contend with.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 1
The Home Depot Station??? Why not the Beamer HS station or the Wild Waves station?

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 0
Terrible place for a station without significant changes to area zoning; nothing but big-box stores with giant parking lots in all directions.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 5
Down Votes: 0
Apartment complexes on both sides of the Freeway here. If you MUST place the station along I-5, consider an elevated station over the freeway with pedestrian bridges to both sides.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 5
Down Votes: 0
Lots of big apartment complexes in this area that would be cut off from the station if it is placed on the north side of I-5.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 4
Station should be at least 1/4 mile away from I-5 to allow more people to walk/bike to it. Putting it next to I-5 effectively cuts the area served by the station in half! No one wants to cross the highway on foot, so just pick one side of the highway, north or south, and serve it properly.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 0
Station should be close to the bus bays; it's often faster to catch one of the many buses heading downtown than to wait 12 minutes for the next Tacoma Link.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 0
Study going through the Lincoln District on the way to the Tacoma Mall in the future study.

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 10
Down Votes: 0
I think hwy 99 makes more sense. If itâ€™s on I5 there is added time for the commuters coming from the west. Traffic is already quite congested between 99 and I5. You would save a lot of people a lot of time. Also locating the station at 356th makes more sense than 348th

---

Date Received
04/17/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 12
Horrible idea from start to finish. IF everything goes to plan it still wont be done for a very long time and we all know government cannot do a damn thing on time or budget. Which means car tabs staying at their ridiculous prices and probably a proposal for another gas tax of some kind. This will only be used as justification for taking more of our money and will provide nothing for actually helping transit. Look at the tolls on the bridge, those have only gone up, this will be the same.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 0
Please make this affordable like other city mass transportation systems. I.e. on the 'L' in Chicago you can go everywhere on multiple trains for a $5 daily pass - very similar with Los Angeles's all day passes that can be used on both buses and the subways. To pay a separate fee for buses and then $10 for a round trip from Seattle to Tacoma is really expensive.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 2
We are paying for it now. Get the damn thing done before 2030. People need it now and dinking around will only cost us more.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 0
Down Votes: 1
Where 16 enters I-5 is already a nightmare. I-5 to 16 isn't as bad but still congested. Tacoma Dome parking will not be able to handle increased use as it is now used to the max on weekdays so perhaps there needs to be another end point for the light rail out of this area of major congestion. Perhaps somewhere in east Tacoma.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 1
Down Votes: 0
Hoping that there will be public transportation to and from the Orting Plateau, as people are REALLY going north to work, not West as the County Council put in their parameters a few years ago to predict growth.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 0
Looking forward to Light Rail Service coming to Fife and Tacoma.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 2
Down Votes: 0
If the route follows I5 why is it elevated so much. Using I5 ROW or slightly expanding it should allow ground level tracks with overpasses as needed.

Date Received
04/16/2018

Source
Online open house

Communication
Up Votes: 7
Down Votes: 0
Alignment should bring Sounder, Tacoma Link and FW Link as close together as possible, to make the connection from one to the other as easy as possible. Big mistake made when Tacoma Link track guage did not match the rest of system. A very user friendly connection can help compensate for this past error.

Date Received
04/15/2018

Source
Online open house

Communication
Up Votes: 5
Down Votes: 0
336th would make a good location to return route to SR 99. Not a lot of development in the way.

Date Received
04/15/2018

Source
Online open house

Communication
Up Votes: 11
Down Votes: 2
After connecting to the FW transit center the route should move back toward SR 99. This is where the people and businesses are. They are not along I-5. A south FW station on SR 99 could spur growth in what is now a lot of empty land.

Date Received
04/14/2018

Source
Online open house

Communication
Up Votes: 11
Down Votes: 6
Station should be built with a possible transit center in mind, even if it's a small one so that there can be opportunity for Pierce Transit and King County Metro bus service expansion to areas like Federal Way, Milton, Puyallup, Sumner, and Fife.

Date Received
04/12/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 0
Please consider adding bike lanes to Pacific Ave bridge across i5 to increase bike access to link station

---

Date Received
04/12/2018

Source
Online open house

Communication
Up Votes: 10
Down Votes: 0
Tacoma Link is due to run on a couplet with a second track on Puyallup Ave once it expands to Tacoma Community College. Siting Link from Federal Way on E 26th St would mean a transfer of over 1000 feet, not including stairs if elevated. The alignment needs to be closer to Puyallup or E 25th St to reduce the transfer penalty from one Link system to another.

Date Received
04/10/2018

Source
Online open house

Communication
Up Votes: 18
Down Votes: 0
Consider building direct cross-platform interchange between Tacoma Link and Tacoma Dome Extension trains (i.e. ability to change trains between lines without leaving the station platform)

Date Received
04/10/2018

Source
Online open house

Communication
Up Votes: 8
Down Votes: 0
Consider moving station location to be elevated above or in a tunnel beneath the existing Sounder/Amtrak and Tacoma Link stations

---

Date Received
04/06/2018

Source
Online open house

Communication
Up Votes: 12
Down Votes: 5
Move alignment to SR 99 to maximize TOD potential.

Date Received
04/06/2018

Source
Online open house

Communication
Up Votes: 14
Down Votes: 6
Move alignment to SR 99 to maximize TOD potential.

Date Received
04/05/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 1
There is a huge population of people in Puyallup and the surrounding region that have zero access to meaningful public transportation options. I'm certain Pierce Transit will never improve bus service to neighborhoods, but at a minimum some sort of shuttle or connector service from major hub areas of Puyallup to a light rail station would take a huge load off of Hwy 167

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 8
Down Votes: 0
Should continue on into dowtown Tacoma. The Commerce Street transit mall, where most of Pierce Transit's bus routes converge, would be a very sensible place to end the line (and by very sensible, meaning what the heck are you guys thinking of going to the mall in the future instead).

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 5
Down Votes: 9
Why is there no Central Link to Downtown Tacoma? Tacoma Link, connecting at the Tacoma Dome, just doesn't cut it. Go big or go home. That way someone willing to go big can replace you.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 2
Central Link MUST continue from here to at least downtown, probably all the way to TCC.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 11
Down Votes: 0
Alignment could be run down part of BPA right-of-way through Federal Way. Already clear, could do mostly at-grade, and could get a station back near where people live. Major potential savings.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 11
Down Votes: 11
Consider putting the Fife station at the new corner of SR-167/509 interchange. There is adequate land here for parking garages (already state owned) and would allow for shared alignment to Puyallup along SR-167 corridor in future.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 7
Down Votes: 6
Station along I-5 is at the dead end of a very congested traffic area and hard to reach by car or bus. Consider moving closer into the SR-99 core, or across I-5 to the ex-Weyerhaeuser campus where there would be room for a real transit center. Federal way is a bedroom community and needs lots of parking space.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 8
Down Votes: 0
The tail tracks should be designed thoughtfully to plan for a subsequent expansion, taking into account social equity.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 9
Down Votes: 6
This interchange is already very traffic heavy with port industry. Adding a park and ride here would overwhelm a the area. Also very little residential. Is the purpose of this station to serve the casino? See little use potential here for a station.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 17
Down Votes: 0
Tacoma Dome tail tracks should be design for flexibility to allow future extension north (downtown), west (Tacoma Mall) or south (Pacific/PLU)

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 13
Down Votes: 1
There should be provisions to allow a future station at this location

---

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 10
Down Votes: 1
While an SR-99 alignment is superior in every possible way, if the I-5 alignment is used, suggest locating the S Federal Way station between Beamer High & Wild Waves, with pedestrian overpass so that it can serve both locations

---

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 9
Down Votes: 0
Consider improved bike lanes and pedestrian enhancements to increase the likelihood that light rail users will use modes of transport other than their cars to reach the Tacoma Dome.

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 10
Down Votes: 1
Light Rail is turning into commuter rail in the metro area - consider designing long station spacing sections for >55 mph speeds so travel time is faster relative to I5

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 15
Down Votes: 1
Stations on the freeway are a wasted opportunity because:
- I5 is a barrier to station access both for pedestrians and buses - it is noisy, unpleasant, impossible to cross
- One side of the station cannot have new transit oriented development which is enormous wasted growth
- The new station could bootstrap a new urban center, but when it is next to the freeway, this is less likely, as people do not want to live on the freeway

---

Date Received
04/04/2018

Source
Online open house

Communication
Up Votes: 5
Down Votes: 1
Consideration should be given to the 5 - SR 16 Tacoma/Pierce County HOV Program so that buses/vanpools/carpools from this station accessing this key interchange have an efficient route from this station

---

Date Received
04/03/2018

Source
Online open house

Communication
Up Votes: 4
Down Votes: 14
Please consider designing any new facilities so that homeless people are deterred from "living" in, on or around them. It seems that with every new overpass or bridge brings more homeless people and encampments. This only deters people from using the facilities, which is counter to what you are trying to achieve.

Date Received
04/03/2018

Source
Online open house

Communication
Up Votes: 29
Down Votes: 0
It is currently very difficult to cross the river on anything other than a car. Please include pedestrian/bike pathways in the design of the bridge to allow multi-modal access.

Date Received
04/03/2018

Source
Online open house

Communication
Up Votes: 24
Down Votes: 3
Integrate a bike path along the corridor between Tacoma Dome Station and Federal Way Transit Center. This could be underneath the elevated track and could double as a maintenance road.

Date Received
04/03/2018

Source
Online open house

Communication
Up Votes: 35
Down Votes: 0
Consider a multimodal crossing for Puyallup River like Tilikum Crossing in Portland.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 6
Down Votes: 10
What is the plan to accommodate the additional traffic in this area? Itâ€™s already a congested area.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 40
Down Votes: 0
Please move the line along SR 99 so that the stations can better serve the actual community centers along the highway. The stations along I-5 are terrible for pedestrians or people who want to access nearby business without driving. The worst decision you guys made was moving the Federal Way extension along I-5 and away from the heart of the communities that could have been served by a SR 99 alignment. Hope you don't make the same mistake with this extension.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 18
Down Votes: 0
Consider how a future spur light rail route to the south would tie into / transfer to a Tacoma Dome Station (I.e. make sure station can be easily expanded in the future) . Communities' in South Tacoma / Midland / Spanaway are underserved by transit and would be ideal for a future light rail spur route.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 18
Down Votes: 1
Make sure future light rail expansion to the west/south is incorporated into the Tacoma Dome Station Design. Light Rail needs to extend to Olympia / Lacey someday and the fewer obstacles for that, the better.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 31
Down Votes: 0
Consider putting the East Tacoma station on the other side of the highway, or at least making sure it is easy and pleasant to access from south of I-5. There's a lot more on this side of the highway, and more potential for future growth around the station.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 24
Down Votes: 3
Please consider relocating the line away from I-5 so that it can be more than just a park and ride. 21st and 336th already has a much higher population density than the proposed site next to the highway, and would be far more conducive to future transit oriented development.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 37
Down Votes: 0
There should be a pedestrian bridge to connect the new link station to the Sounder platform, freighthouse square, Tacoma link, and the parking garage.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 26
Down Votes: 6
Investigate a highway 99 alignment to determine benefits in walkability, transit use, and future transit oriented development for stations not located directly next to I-5

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 32
Down Votes: 2
Consider moving the South FW station closer into the urban area and away from the freeway to improve pedestrian access to businesses and future upzonable land

---

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 11
Down Votes: 0
Consider a surface station with a pedestrian bridge to FHS to make light rail easier to access

---

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 23
Down Votes: 0
Consider a station design in East Tacoma that is accessible from both the East and West sides of Portland Avenue to improve pedestrian access

---

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 21
Down Votes: 1
Investigate an extension to expand access to the Brewery District

---

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 19
Down Votes: 0
Consider building a better overpass for Kitts Corner Road (SR 161) that would allow families to walk from the station to Wild Waves without crossing fast-moving traffic from the southbound offramp.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 18
Down Votes: 3
Move station to the other side of i-5 on 20th Milton and Eddgewood would have better access .so the bulk of the fife housing would be in TOD

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 39
Down Votes: 0
Need good transfer from the light rail to Tacoma Link.

Date Received
04/02/2018

Source
Online open house

Communication
Up Votes: 29
Down Votes: 5
Consider building the Fife station with an integrated pedestrian bridge over I-5 to 20th Street East. It should also be moved closer to Highway 99 to increase TOD potential.

Date Received
04/28/2018

Source
Online open house

Communication
Fife station - ensure good pedestrian access across I5 Consider shifting to SR99 at FIfe. Tacoma Dome - design for further extension. OMF - ensure facilty has good access to transit, while not impeding on TOD opportunity around Link stations

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Date Received
04/29/2018

Source
Online open house

Communication
South Federal Way Station: You would need to remove the Home Depot in order to install a Park and Ride garage and bus connections. The more I think about this I just don't see Home Depot tearing down their location and moving across the parking lot and then asking Video Only to tear down their building as well. Does Home Depot move down the street? Then the other concern is improving traffic flow in an already very busy parking lot. During peak traffic periods it can take 10-15 minutes just getting in and out of the Coscto parking lot traffic on 352nd. Sound Transit should work with Costco in order to improve this already bad traffic issue. OMF South Facility: I see an undeveloped area off of I-5 near S. 375th but the Hylebos Creek is nearby so that might be an environmental concern. There is also some undeveloped land across I-5 from there but that would require crossing the freeway. Maybe acquiring a space in Fife near the EQC and the future I-5/509 interchange? With regards to Milton: It's a shame the City of Milton isn't more involved with the Tacoma Dome Link project. At this rate an infill station at Porter Way will happen sometime in 2040? 2050? East Tacoma Station: Focus heavily on pedestrian access and safety. That area is currently an unfriendly and unsafe place to walk during the day and especially at night. Tacoma Dome Station: Focus on making it fast, easy and safe to transfer to Tacoma Link, Sounder, ST Express and Pierce Transit. Increase Tacoma Link and Pierce Transit Route 1 service frequency! These lines will feed more ridership on Tacoma Dome Link.

Date Received
05/01/2018

Source
Online open house

Communication
Cumulative Effects - More bridges over Pacific Ave. and more tracks thru Dome District, more buildable land made useless, less integration with other transit facilities and less TOD principles when stations are spread out. So design for a compact, quickly accessible, pedestrian oriented addition to this transit hub that will make it a premier project with the best of TOD principles - dense, mixed use, compact, pedestrian -oriented center with public space and small town ethic around transportation choices and restored grid with lots of retail edges. Our vision for the DD.

Date Received
05/02/2018

Source
Online open house

Communication
Another item for scoping is the loss of trees along I-5 if the Link runs along side the freeway from Fed Way to Tacoma. The Doug Firs and other trees are the best thing about the route up from Tacoma to Seattle, making a nice barrier rather than the walls that are going in along I-5 now. Could the new LINk go down the middle of the freeway with off and on ramps and access similar to the on/off ramps at Federal Way north entrance?

Date Received
05/02/2018

Source
Online open house

Communication
Light rail alignment and Fife station should stay along I-5. Coordinating between Federal Way, Fife, and Tacoma jurisdictions is stressful and complicated. Maintaining a stable I-5 alignment from Federal Way to Tacoma will be significantly less expensive to construct and quicker to complete than snaking through Highway 99 in Fife. Also, most of the single-family residential and multi-family residential apartment complexes are south of I-5. The Fife light rail station should be located near these to better promote ridership and lessen the number of vehicles on highways. It doesn't seem practical to build the Fife light rail station north of I-5 because the majority of Fife residents live south of I-5.

Date Received
05/03/2018

Source
Online open house

Communication
Regarding the S. Federal Way Station, I don't think it is a good idea to locate it behind Costco. That area is extremely congested already; I avoid that area on the weekends due to traffic. That spot has very little room for a large parking garage and new roads to get there. Also, there would be no room to build dense housing adjacent to the station. I suggest considering a location off Pacific Hwy S, around the S 364th St area. There was a huge property for sale there, but it doesn't look like it is on the market right now. This area is SW of Todd Beamer H.S., and NW of Abbe Winery. That would be a good place for transit oriented development around a light rail station. In the Fife area, I have similar concerns that the potential station site next to the casino is too small of an area. Also, I believe casino customers would fill up the parking garage, leaving no spots for actual transit customers. A better location would be further north of Pacific Hwy E, in the area where Fife envisions its future downtown core. Good long term solution.

Date Received
04/18/2018

Source
Online open house

Communication
Benefits:
Reduced traffic and pollution throughout the I-5 corridor by providing a popular option for traveling from Tacoma to the airport and on to Seattle, instead of by car.
Impacts:

Date Received
04/20/2018

Source
Online open house

Communication
Benefits:
Using the Highway 99 corridor from Federal Way to Tacoma would provide far, far greater potential for transit-oriented development and economic development around the stations than using the boxed-in and isolated route along I-5. Right now, the only real benefit is for commuters and people who want to save money on airport parking.
Impacts:
You'll need a lot more than 500 stalls at the stations. You should know that from your experience at Angle Lake--full everyday--and the 2,400 hundred stalls at Tacoma Dome Station--full everyday. Don't undercut the potential value of light rail by underserving the stations.

Date Received
04/20/2018

Source
Online open house

Communication
Benefits:
It would help commuters to Tacoma who are transit dependent, by providing levels of transit service that previously was only available in the form of direct service to Seattle. It also takes over most of the 574 route, providing Tacoma with a good connection that does not take an excessive amount of travel time.
Impacts:
I think many riders will be frustrated with the travel time, as it may take an hour and a half to travel from Tacoma to Seattle at all times (compounded by its route through Rainier Valley and two ST3 infill stations), whereas routes 590/594 are much faster off-peak and only get comparable long during rush hour. Also, many riders will be frustrated by the higher fare of long distance Link under the current 5Â¢/mile formula, which can be mitigated by using a logarithmic formula, or by implementing a per trip fare cap.

Date Received
04/21/2018

Source
Online open house

Communication
Benefits:
Would never drive to the airport. Much more likely to take transit to seattle.
Impacts:
Reduced vehicles on road

Date Received
04/21/2018

Source
Online open house

Communication
Benefits:
This extension would greatly expand the mobility of people living in Federal Way like me. This extension would be able to save me money and enable me greater mobility into the greater Seattle area.
Impacts:
More job availability for people.

Date Received
04/22/2018

Source
Online open house

Communication
Benefits:
This project would take so many of the single-occupant vehicles off the road at a place that is known far and wide for congestion. More than half the trips I take on the road between Tacoma and Sea-Tac could easily be done on light rail: meeting a visitor at the airport, going to a store in Federal Way, freelance jobs in Seattle, etc. On the other side,
Impacts:
The construction will cause major disruptions to areas that are already highly congested. Before any ground is broken there should be plans in place for buses, alternate routes and advance notice for any detours or roads closed.

Date Received
04/24/2018

Source
Online open house

Communication
Benefits:
Allows more frequent and later service then the current Sounder line Allows more reliable service than current express buses Reliable fast service should draw users from cars, lowering congestion on I-5 Allows for access to Fife/Tacoma from the North end & use of housing, entertainment and business assets in the area
Impacts:
Construction impacts: may take away some business space Siting: too many stations limits system speed, but too few limit usage by the community Cost: not a cheap project and MUST be done right, not cheap

---

Date Received
04/24/2018

Source
Online open house

Communication
Benefits:
1. Car traffic decreasing 2. People who live far from Seattle and work in Seattle can easy commute without car. 3. Better situation with parking in Seattle. 4. Small city growing along light rail. 5. Beautiful construction of light rail and station attract people.
Impacts:
No impact.

Date Received
04/25/2018

Source
Online open house

Communication
Benefits:
No issue with the project as long as it does not impact our property at 2802 Pacific Hwy. E., Fife, WA.
Impacts:

Date Received
04/25/2018

Source
Online open house

Communication
Benefits:
It would be a benefit for commuters not to have to take the bus. Fewer bus routes will help offset some costs
Impacts:

Date Received
04/26/2018

Source
Online open house

Communication
Benefits:
This will help a lot of people commute without their cars.
Impacts:
There needs to be LOTS of available parking. 500 cars per lot is not sufficient. When garages are full, people DRIVE and are upset. Some may not attempt to use mass transit again. Relying on bus service is not an option for many when it adds an additional half hour to the commute (they might as well drive).

Date Received
04/26/2018

Source
Online open house

Communication
Benefits:
Anything you can do to reduce car traffic around the Tacoma Dome and the Joint Base area would be very helpful. Also, I hear from friends that the current light rail in Tacoma is underutilized. Maybe if it links up with this system and connections are frequent, as Tacoma develops a denser downtown area, people will stop using their cars so much in the South Sound area and use mass transit. I don't live or work in the South Sound area but I know that people who work in Seattle or Bellevue are choosing to live further and further away due to the high cost of housing, so anything to offer good mass transit solutions and alleviate traffic around Kent/Maple Valley, Renton etc will also help.
Impacts:

Date Received
04/28/2018

Source
Online open house

Communication
Benefits:
Better connect communities. Allow for denser development.
Impacts:

Date Received
04/29/2018

Source
Online open house

Communication
Benefits:
With the current plan in place Tacoma and Federal Way get the most benefit. The East Tacoma station is in the middle of a mostly industrial area but I would imagine TOD would transform that neighborhood.
Impacts:
The location of the South Federal Way Station concerns me. The current traffic to get in and out of Costco and Home Depot during peak periods is very heavy. Do you demolish and rebuild the Home Depot in order to build the Link station? Do you move the Home Depot down the street to another location? The Fife station seems like a tight fit as well in the parking lot of the EQC. Do you demolish the smaller buildings west of the parking lot?

Date Received
04/30/2018

Source
Online open house

Communication
Benefits:
going green -reduce carbon footprint -cuts down on highway congestion
Impacts:
-Small to Medium Business may have to move - Would need to ensure that the Puyallup River Studies from building the Bridge would lessen impact on species. (like the one did for the I-5 project as a reference point)

Date Received
05/01/2018

Source
Online open house

Communication
Benefits:
by catching those who think buses are for 2nd class citizens and being an alternative to cars and buses during commuter hours, the LINK has good potential benefit to the area, but it must be done right, especially as it ties into the true TOD, the Dome District. We must make sure we are not negatively impacting what is left of the grid in the DD thru surface tracks or lowering property values caused by a negative perception of being under the overhead tracks as happened to 5th ave in Seattle when the monorail was built. This LINK has great potential in tying into a hub of transit creating a very pedestrian-friendly, efficient, compact set of stations of alternative modes of transit. It is all in how it is designed. The best way to approach the hub is underground as the grade rises after Portland Ave. using 26th or 25th as the alignment, so that the station becomes one with the other stations not blocks away. I am also very concerned with the East Station (we really should admit it is for the casino and move it to the other side of I-5. This would also help get a bicycle trail to the other side, where it needs to get to River Road and on the Puyallup. (Of course this should have been designed while WADOT was designing the I-5 HOV Project....)
Impacts:
If this isn't done right and just the cheapest way like was done for the Sounder going thru the DD. We will loose this neighborhood and possibly the Tacoma Dome as it will be cut off by yet another set of tracks or be stranded with no surrounding supporting neighborhood. People will be getting off the trains, LINK and/or busses into a void rather than a bustling Transit Oriented District with lots of people on the wide sidewalks going to transit, restaurants or events etc. with people living within quick walking distance of the station so they don't have to have cars in an area of the city with the densest population in Tacoma.

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Badly-needed reliable alternative to I-5 and Hwy 99 N/S routes which are frequently impacted by traffic events.
Impacts:
Displacement of properties and affects on noise and visual environment along alignment. Traffic impacts at and on main roads serving stations. Planning for reassignment of existing multiple-stop bus to circulate frequently to/from stations is the best use of available resources. The key is to encourage use is to keep most trips feasible with no more than one transfer.

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Impacts:

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
reduce traffic congestion! Improve traveling safety. Improve business access to downtown & Hilltop Tacoma. Reduce pollution from car exhaust.
Impacts:
It's going to cost a lot of money, but it is a worthwhile investment. Will impact private transportation companies. We currently use airport shuttle services when going to the airport.

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Get people off the unsafe sidewalks and off the freeway and off the bus. Improve travel times over the bus. More convenient for traveling from tacoma to Seattle than any other option
Impacts:
Takes up some space

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Reducing vehicles on highways Increases access to South Sound residents to light rail options Provides alternative modes of transportation for those who don't want to drive
Impacts:
Deviating from I-5 light rail alignment will be more expensive and take longer to complete More problems coordinating between Federal Way, Fife, and Tacoma jurisdictions if I-5 light rail alignment is not chosen

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Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
Ease congestion; positive economic impacts as alternative to I-5 and time spent in congested traffic, building OMF in Tacoma adds jobs, environmental impacts, health benefits, positive transit oriented alternative to stimulate traveling King-Pierce County which due to I-5 congestion may not be happening today.
Impacts:

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
Reducing commute and travel times. Spurring development around station areas. Connecting communities. Strengthening regional identity. Supporting employment growth in downtown Tacoma and drawing employees from south King County.
Impacts:
Potential congestion around station areas or alignment. Need for well designed drop-off and pick-up zones at stations that facilitate transfer. Need to adjust bus and other transit options to take advantage of light rail and make for easy transfer of modes.

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
Impacts:
The South Federal Way and Fife stations in particular seem to be in very low density areas. Other than acting as commuter hubs, I'm not sure that they are beneficial locations. They are far from housing and there are already plenty of free parking lots in those areas. The South Federal Way station in particular is next to big box stores that don't seem oriented toward transit users (Home Depot and Costco). The Fife Station mostly serves truck traffic from the Port of Tacoma but there isn't a way for workers to easily access the Port from this station. Do these areas have plans for multi-use spaces near the stations? Are there opportunities to create affordable housing and more walkability in these areas? Can the stations be located to better connect with local assets -- Wild Waves, Todd Beamer High School, Fife Community Center, Fife High School, and/or higher density apartment neighborhoods)?

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
Huge benefits as a South Sounder, being able to drive from Olympia, park my car then take the rail into Seattle or University. Taking my car off the already congested roadway.
Impacts:
NEED MORE PARKING! Which will require much more square footage and land needs near the transit stations. I already cannot take the Link from Angle Lake or Tukwila past 8:30 a.m. because NEITHER have parking spaces available. It's shameful. I want to park my car and take transit, but because I cannot find one space, I have to drive all the way to Seattle and try to find parking there.

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
decreased travel time Pierce to King County/Seattle/Airport - good to reduce traffic congestion, carbon emissions; follows the freeway - fewer impacts to local neighborhoods; terminus coincides with Sounder and Tacoma Link - good proximity; increased connectivity with Tacoma/Seattle may bring more business down to Tacoma
Impacts:
South FW station is in a high congestion area and near a high school - how will traffic impacts from additional P&R traffic be mitigated? how good is transit in the area of the East Tacoma Station - no parking being provided here; mass transit link to Amtrak to also tie in with that system?

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
Provides alternative mode of transportation for people who do not drive or do not want to drive.
Impacts:
Fife light rail station and alignment north of Highway 99 in Fife will disrupt traffic in an already congested highway. The proposed alternative location for the Fife station will forcibly uproot single-family residences and force current businesses there to move. These negative impacts can be avoided by maintaining the Fife station and rail alignment along I-5.

Date Received
04/18/2018

Source
Online open house

Communication
Benefits:
Impacts:

Date Received
04/20/2018

Source
Online open house

Communication
Benefits:
How many jobs work out of a maintenance facility?
Impacts:
Locate it in an industrial area.

Date Received
04/20/2018

Source
Online open house

Communication
Benefits:
This could greatly expand potential for service span in the outer reaches of the system. Without it, the last train from Seattle to Tacoma might have had to leave in the 10pm hour to make it back to the SODO facility, whereas with the south facility, trains that end in the south can make the trip from Seattle later into the night.
Impacts:

Date Received
04/22/2018

Source
Online open house

Communication
Benefits:
The OMF would bring jobs and development to South Sound communities that are in dire need of new economic engines. It could help to keep more residents working closer to home, therefore adding less commuters to the highways. Best of all, a nearby OMF would make sure that the rolling stock in the South Sound was as well maintained as those in Central.
Impacts:
I think the impact of the OMF will mostly be felt in employment.

Date Received
04/24/2018

Source
Online open house

Communication
Benefits:
Allows for full system buildout, faster turnaround times for servicing Link -Faster turnaround could allow later hours on weekends and for special events Potential brownfield build-out site on the Midway Landfill to support OMB Redundancy in the event of a major disaster/other issues
Impacts:
Will take land and outside of Midway Landfill there is not a lot of potential land Some potential sites may involve crossing I-5, increasing cost and limiting I-5 expansion

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Date Received
04/26/2018

Source
Online open house

Communication
Benefits:
The south has more space to put such a facility and would provide good jobs to residents of the area.
Impacts:

Date Received
04/27/2018

Source
Online open house

Communication
Benefits:
I see no benefit from having a complex like this in any other place but the Industrial zoned area of FIFE
Impacts:
The worst place to put the OMF is on the Hwy 18/I5 Triangle area. This is a residential zoned area and is in the PAA for Federal Way. The traffic and truck traffic now already clogs the small streets. The noise from the operations will disrupt the residential neighborhood filled with families and children who attend nearby Lakeland Elementary school. The size of 30 - 50 acres of and "Industrial Complex" to even be considered for this area is unbelievable. This is Unincorporated King County. My hope is that Peter VonReichbauer will step up and protect his constituents from this nightmare. Please, do not place a facility like this in a residential area. It is NOT an Industrial area and the South King County residents are tired of being the dumping ground. Which leads to the caution. This area being considered is on the old Federal Way Dump. Disruption of the soils will leach out the chemicals and toxins that were dumped at this site, into the Hylebos waterways, which run through the south end of the site. Putting a train rail yard next to brand new homes and town homes/apartments and established neighborhoods, feet from a beautiful Lake Killarny is the worst idea ever.

Date Received
04/27/2018

Source
Online open house

Communication
Benefits:
Impacts:
This page does not show anything about the potential sites and is very misleading. Showing happy faces, far away shots and quotes about it being approved, doesn't make it any nicer. People will hurry to sell to get away from a facility like this. If it does go into Federal Way PAA, it will only continue to bring down the area economy and reputation as the place to NOT go to.

Date Received
04/28/2018

Source
Online open house

Communication
Benefits:
Jobs for the community.
Impacts:
Large use of inactive space. Best to put away from activity centers.

Date Received
04/29/2018

Source
Online open house

Communication
Benefits:
Obviously you need a OMF in the south portion of the Link line.
Impacts:
The only two areas of the Tacoma Dome Link line I see as available and affordable are just south of 375th in Federal Way and just north of Porter Way in Milton. I would steer clear of Porter Way since that may some day be an exit off of I-5 and could also be a nice infill station some day.

Date Received
04/30/2018

Source
Online open house

Communication
Benefits:
create more jobs - keep the environment clean
Impacts:
cant say at the moment

Date Received
05/01/2018

Source
Online open house

Communication
Benefits:
Jobs - Hiring should be Local not meaning county-wide, but in the municipalities it is effecting; Tacoma, Fife, Milton and Federal Way.
Impacts:
Do not take up new treed lands to build this facility, use existing disturbed/stripped/paved underutilized lands Do not build this where it may be taking space away from potential office or commercial/retail space near stations, though it would be nice if these people working there would USE transit.

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Local jobs. Site it in the Fife area, which can be easily reached by relatively more-affordable population centers of skilled potential employees in Tacoma, FW and Des Moines/Kent.
Impacts:
Minor traffic impacts if the site is properly selected.

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
If we increase public transit services, maintenance facilities will also have to be increased. Creates jobs
Impacts:
Costs are always the big impact, but in the end, it's money well invested!

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Improves safety and reliability for light rail
Impacts:
might be an eyesore

Date Received
05/02/2018

Source
Online open house

Communication
Benefits:
Impacts:
Negative impacts to south Federal Way in sensitive environmental area. Better suited to Pierce County because it meshes with rail and freight traffic already present there.

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
Adds jobs during construction and once built, makes sense to have in South end, Tacoma ideal location.
Impacts:

Date Received
05/03/2018

Source
Online open house

Communication
Benefits:
proximity to south end of the line
Impacts:
these facilities consume a lot of property as I understand it; Bellevue was very irked at the one planned there. Try to locate it in an area that is both convenient for your service/maintenance, but offers minimal impact to communities; look to not disrupt areas of continguous habitat (few of those left anymore, would hate to lose more) - can you target a more industrial area?

Date Received
04/20/2018

Source
Online open house

Communication
I think long travel times from Tacoma to Seattle will make it difficult to effectively convince people to not drive alone.

Date Received
04/21/2018

Source
Online open house

Communication
Drastically needed as seattle is becoming unaffordable for many people. This is resulting in people moving further and further out. Lack of transit is increasing use of roads and traffic. Anything that can be done to speed up timeline for Tacoma link extension would greatly help this.

Date Received
04/26/2018

Source
Online open house

Communication
This is definitely needed. There needs to be enough parking, though, for all that want to use it.

Date Received
04/30/2018

Source
Online open house

Communication
Can you also consider Priority Hire Community for the City of Tacoma/Pierce County and the Surrounding Indian Tribes affected by this project as well please.

Date Received
05/01/2018

Source
Online open house

Communication
There is need for having more education and expert help on promoting and advocating for density near transit. Example - Vancouver BC study - people 300 meters from a station owned 10% fewer vehicles than the average units more than 1000 meters away from station and 31% fewer than suburban loctions a few miles away. This is why the state and PSRC have environmental and sustainable goals of reducing total vehicle miles and greenhouse gas emissions. We need to get the word out more with more examples etc. Make sure we look at where the LINK may go next, am assuming it will go to the next "Urban Growth Center", the Tacoma Mall, design with that in mind so we don't end up having to redo all later. Then on to Lakewood and JBLM ? Is the Sounder going to go to Olympia?

Date Received
05/02/2018

Source
Online open house

Communication
Connecting Tacoma to sea-tac in a more timely manner should take priority. A reliable mode to get to sea-tac w/o relying on the interstate will help spur development in the south south and provide a significant amenity for peirce co. Residents. Please fast-track this project.

Date Received
05/02/2018

Source
Online open house

Communication
We need this! Lets build!!!

Date Received
05/02/2018

Source
Online open house

Communication
Need more than one stop in fife

Date Received
05/02/2018

Source
Online open house

Communication
Light rail alignment and Fife station should stay along I-5. Coordinating between Federal Way, Fife, and Tacoma jurisdictions is stressful and complicated. Maintaining a stable I-5 alignment from Federal Way to Tacoma will be significantly less expensive to construct and quicker to complete than snaking through Highway 99 in Fife. Also, most of the single-family residential and multi-family residential apartment complexes are south of I-5. The Fife light rail station should be located near these to better

promote ridership and lessen the number of vehicles on highways. It doesn't seem practical to build the Fife light rail station north of I-5 because the majority of Fife residents live south of I-5.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Cross here and try to reach where people and grants are few [Weyerhaeuser Technology Center]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Curves cause more trip time. Cut down on the curves

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider on east side of I-5 or do in the middle of I-5 (+3)

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Lazy alignment

Date Received
04/18/2018

Source
Open house/public meeting

Communication
If elevated especially using 99, give two side of impact

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Why is it elevated?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Fewer stations to encourage faster commuting between urban centers and relate this South Federal Way Station [South Federal Way Station near Costco]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Possible expansion to NE Tacoma down 356th? [West of 16th Avenue South on 356th Street]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
South Federal Way station? Horrible traffic now!! Costco go? [South Federal Way Station near Costco]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Move South Federal Way station further south

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Station at 16th and 348th with Pacific Highway to I-5 alignment/route

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
I want a train stop at wild waves (+1)

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Put alignment where people can get to it, especially in the future

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Do it on old inter-urban alignment

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Elevate down the middle of I-5

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider alignment on east side of I-5

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider multimodal facility with a bike path underneath the elevated guideway

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Prefer Milton station

Date Received
04/18/2018

Source
Open house/public meeting

Communication
As close to I-5 as possible. Have state give you property

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Put South Federal Way Station here and a potential TOD station here [South of Todd Beamer High School]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Please avoid future conflicts with the SR-167 interchange as much as possible.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Interchanges grow/move/shift over time.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
RCW.43.21C. RCW.36.70A. Definition geological hazard. WAC 365-190, 365-195, 365-196.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
[Identifying the location of gas line] Utility transportation commission. Natural gas and liquid natural gas from PSE. [Port of Tacoma]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Geological Hazard areas, etc.
1) high liquefaction
2) multiple tsunami hazard areas
3) Lahar
4) volcano eruption
5) Puyallup river levy has been destroyed and can fail during a flood

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Like idea of running light rail down 99

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Cycling access is very dangerous through Fife. Add a bike facility under elevated tracks.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
There is no pedestrian access between Pacific Highway and 20th St E and would be the key connection to Fife Community Centers + residential neighborhoods on the south side of I-5

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Would building planned link extension result in cheaper environmental impact costs?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Connect pedestrian/bike path to Fife station

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider Fife station location closer to Fife Community Center

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Move Casino station to other side of 54th to underutilized shopping areas

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Gondola! Parking and casino

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Not enough space in Tacoma for an OMF, already have Lightrail connection +1 ["this may be very true"]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
To the city: TOD zoning from east of G St to the River and from Puyallup to I-5

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Assume Tacoma Link caplet [or/on] Puyallup Ave and design for connection

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Extend TOD zoning east to River [crossed out below is a comment saying "Our zoning is DMU"]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Choose design and route [illegible] easier expansion

Date Received
04/18/2018

Source
Open house/public meeting

Communication
What route gets most bang for the buck while making a logical connection in Tacoma

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
[Operations] and maintenance facility. Build in Tacoma. Makes sense, location and property, to do it.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Parking availability signs

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider E 25th St for route due to Puyallup Ave traffic from Dome during events

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Parking is vital, but there already isn't enough at Tacoma Dome Station

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Develop option and design most likely to not have increase [money] or challenge to completion by 2030

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Bid for open lot from city that's at Dome and turn it into more parking

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
How do we attract that who use cars now? Study the parking issue a lot more for Tacoma. Dome lot already full and NO parking at Fife.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
How will this affect the traffic in front of the Freighthouse Square building? I have a bus there.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Any consideration for a T-Dome station has to include a pedestrian access structure to the North side of the existing rails for Sounder/Amtrak service. +1

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Add parking

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Must respect Dome District's TOD and connections north and south [Dome District].

Date Received
04/18/2018

Source
Open house/public meeting

Communication
[Illegible] be the premier TOD with lots of [pedestrians] going to station, events, and home!

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Can you make these maps publicly available? At least the station areas

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Puyallup Ave NO!!! There is a study about this route. Dome District Development Group. Walking route to UW.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Station here on 26th north of 26th and west of D St.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider Dome District long term residential growth

Date Received
04/18/2018

Source
Open house/public meeting

Communication
No Puyallup Ave. [Too] much going on there.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider Puyallup Ave as possible route.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Not on Puyallup Ave. Use 25th or 26th. Could use Puyallup up to 6th St (Old 99) around to 26th then future to S. Tacoma Way south.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Consider this station on 25th to facilitate transfers to Tacoma Link and buses. Maybe co-locate Tacoma Link and Link Stations.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Fix the crossing arms at A and C Streets so pedestrian and vehicle traffic can flow.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Put the maintenance facility in Nalley Valley

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Use casino garage as park and ride and connect to station

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Pedestrian and bike connections to the station +1 ["and BUS"]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Angle the station to point it in a better direction to miss the hotel

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
One station with parking [that] serves [Emerald Queen Casino] and Dome +1 ["This might save some time too!"]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Direct, safe, and accessible pedestrian connection from TDLE to TD light rail and Sounder

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Elevated walkway connecting lightrail (Tacoma Dome) to Tacoma Link

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Add passenger bridge over tracks – over Sounder – regardless of location

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Station should go to Freighthouse Square south side. Use tribe land but be underground to use tracks below.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
The T-Dome station needs to be close to the bus station

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Keep going to Brewery District. Add one station 0.5 miles west.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Station at Wild Waves

Date Received
04/18/2018

Source
Open house/public meeting

Communication
How will the road improvements [east of Jet Chevrolet across I-5] coordinate with the potential new I-5 ramp?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Please do keep light rail on west side of the I-5

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Concern about station near Todd Beamer HS due to potential criminal activity

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
High density makes walking patrons to station

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Please try to save as many trees as possible

Date Received
04/18/2018

Source
Open house/public meeting

Communication
I understand trying to encourage bus/link connection by limiting the number of spaces to park but 500 spaces in this big box area [near Costco and Home Depot] is not nearly enough—not the full transit center in Federal way is built for 2025

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Like it follow highway I-5. Do not impact Home Depot, Costco, Jet

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Area [near South Federal Way Station] needs ST/city; new network subarea plan for funding TOD

Date Received
04/18/2018

Source
Open house/public meeting

Communication
More parking is needed—this location will draw from a very large area—unless more is provided at 320th

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
I-5 access ramp [at Walmart across I-5]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
This [alignment] takes too many trees

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Ideal site for OMF [at park south of the Weyerhaeuser campus]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Less property impact—route is mostly not built upon

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Noise mitigation would be next to impossible

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Pedestrian crossing concerns at grade across 320th [near Federal Way Transit Center]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Make sure parking is sufficient for transit riders

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Make sure parking is sufficient for transit riders

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Train connection east-west along 320th [near Federal Way Transit Center]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Place station further south for access to Wild Waves with pedestrian bridge over freeway

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Good location [near Costco] if more roads are built to get there without going through the Costco, Home Depot lots (+1)

Date Received
04/18/2018

Source
Open house/public meeting

Communication
This station location [at South Federal Way Station near Costco] only serves commuters

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Station location with connection to east side of I-5 [near Jet Chevrolet]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Along highway 99 = not feasible. Many wetlands line Highway 99 through Hydebos. Very extensive, high impact to environment, very unlikely that development moved happen along the route due to impossible to develop sensitive area

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
I am concerned about noise pollution

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Please save as many trees as possible

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Would impact "rural" properties and need road access—change whole character of area and cost

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
How many riders to/from Wild Waves as a % of total ridership?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Station destination Wile Waves—either side of I-5 with bridge over I-5

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Having a station [adjacent to Todd Beamer High School] would be too close to high school

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Concerned that the 500-stall parking garage would fill up with casino customers, making it hard for light rail patrons to park

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
[At the intersection of 62nd Ave E and Highway-99] Easy place to get to and from station from Pacific Highway

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
[Behind the Emerald Queen Casino] This is a tsunami hazard area and tsunami evacuation area for Fife and Port of Tacoma

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Very happy to see a parking garage planned for the Fife Station!

Date Received
04/18/2018

Source
Open house/public meeting

Communication
RCW 36.70A, WAC 365-190, WAC 365-195, WAC 365-196, RCW 43.21.C. The best available science and public safety the rail line cannot be built through any of Fife because of geological hazards.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Because of the high liquefaction from an earthquake in Fife and the Port of Tacoma, the line would have to be built to a 35,000 year scientific level

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Geological hazard areas are determined by the State of Washington Geology Department as being unbuildable for residential, commercial, and industrial (RCW 36.70A, WAC 365-190, WAC 365-195, WAC 365-196, RCW 43.21.C). Public safety. It [blocks] evacuation f

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
The line will block the lahar/[debris] flow and tsunami evacuation routes for Fife and Port of Tacoma

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
The rail line will go over the top of natural gas pipelines, the one for PSE Liquid Natural Gas is not built to national pipeline fire code, no seismic hazard. It is built to state [code] which is inferior!

Date Received
04/18/2018

Source
Open house/public meeting

Communication
If both the TARGA and PSE liquid natural gas line break during liquefaction, the pipe can explore and [asphyxiate] people

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
How walk from Link LR to Tacoma Light Rail? Covered overpass?

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Consider moving the guideway to east I-5 for less property impacts

---

Date Received
04/24/2018

Source
Open house/public meeting

Communication
This area is heavily congested at Costco and Federal Way Crossings—try to avoid contributing to the traffic [Federal Way Crossings near Costco]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Add more parking

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Keep it along I-5 to make it economical

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Consider a station in the middle of I-5 to make a walkable connection between west and east I-5 communities

---

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Large community of riders on east side of I-5—consider the station there [Northeast side of I-5 and Enchanted Parkway]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Poor location because of existing traffic on South 352nd Street [South Federal Way Station]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Milton Road needs rebuilding if ST is in this area. Road work is needed [South of Milton Road and South 376th Street]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Milton is interested in a station. If this quarry/mine becomes an OMF, consider adding a Milton Station [South of Milton Road and South 376th Street]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Asarco Fill [East of I-5 and 70th Ave East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Superfund site [East of I-5 and 70th Ave East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
More parking than 500

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Preserve this property [Tacoma RV Center—South of Pacific Highway East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Try to minimize private property impact

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Add a pedestrian bridge across I-5 [Tacoma RV Center—South of Pacific Highway East]
Good idea, but make sure not too far and safe

Date Received
04/24/2018

Source
Open house/public meeting

Communication
This will relieve congestion off I-5

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Less right of way needed compared to 15th [north of Emerald Queen Hotel and Casino on 12th Street East]
This puts cut through traffic onto Fife Heights

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Avoid Poodle Dog

Date Received
04/24/2018

Source
Open house/public meeting

Communication
People will not walk here on 54th over freeway [I-5 and 54th Avenue East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Focus on open land that is big enough

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Park block communities—google it how to develop

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Possible site for light rail station (Fife)--open land [West of SR 99 and east of 68th Avenue East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Like station here [immediately north of Emerald Queen Hotel and Casino] (+2)

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Place station between I-5 and Pacific Highway East [54th Avenue East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Helps development to west—more central [north of Pacific Highway East and west of 54th Avenue East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
East Tacoma station with parking here [I-5 and Port of Tacoma Road East]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Geological hazard area, in tsunami hazard area, in lahar/debris/mud flow from Mt. Rainier eruption [Port of Tacoma]

Date Received
04/24/2018

Source
Open house/public meeting

Communication
In high liquefaction: RCW 36.70A, WAC 365-190, WAC 365-195, RCW 43.21.C Best Available science [Port of Tacoma]

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Hi, Mr. Nice guy. This is Kristoffer Hiserer. Thank you for having the open house.

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Final facility location can impact local communities in the surrounding area--land/property value, taxes, potential displacement, etc. Are community values being heard?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Reduce SOV/I-5 traffic

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Better access to jobs

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Less greenhouse gas

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Will be a tremendous help to South Sound commuters! Also will help Seattle tourists reach Tacoma, which is also a great destination

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Jobs

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Public transportation connections

Date Received
04/18/2018

Source
Open house/public meeting

Communication
More space on transit

Date Received
04/18/2018

Source
Open house/public meeting

Communication
The damage to the rail line from the fail from the Cascadia Subduct, earthquake, Seattle Fault, Tacoma fault will create jobs to clean up the mess and damage

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Will free up some cards from I-5 and help with our ever-expanding population

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Very stress-free way to get all the way to Seattle the South Sound

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Up-zoning areas

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Limit parking availability near stations

Date Received
04/19/2018

Source
Open house/public meeting

Communication
Disrupt semi-rural properties in Spring Valley

Date Received
04/20/2018

Source
Open house/public meeting

Communication
Through displacement and gentrification throughout Seattle Metropolitan area, ensuring inclusive and authentic community engagement occurs, particularly with people of color and immigrants/refugees

---

Date Received
04/21/2018

Source
Open house/public meeting

Communication
It would stop the mass evacuation from Fife and the port of Tacoma both of which are in multiple tsunami evacuation hazard areas and are in the Mt. Rainier volcano evacuation/lahar/debris flow. It would interfere, stop, evacuation

---

Date Received
04/22/2018

Source
Open house/public meeting

Communication
During a 8.0 or 9.0 magnitude earthquake, it would derail interfering with massive evacuation. Federal Way has two earthquake fault lines that the rail will be on. In Port of Tacoma there are 2 fault lines and a fold line.

Date Received
04/23/2018

Source
Open house/public meeting

Communication
Project cost

Date Received
04/24/2018

Source
Open house/public meeting

Communication
Potential tax impact if businesses don't relocate into Federal Way

---

Date Received
04/25/2018

Source
Open house/public meeting

Communication
What if there is another recession like ST2?

Date Received
04/26/2018

Source
Open house/public meeting

Communication
Property tax/price increase due to nearby stations?

Date Received
04/27/2018

Source
Open house/public meeting

Communication
Increased property values, potentially displacing local communities and businesses that have already been displaced. Ensure local communities are anchored, thinking about local priority hires, affordable housing development

---

Date Received
04/28/2018

Source
Open house/public meeting

Communication
High liquification in Fife can derail the light rail. The Port of Tacoma uses both port of Tacoma Road and 54th as an extensive truck route from the port. Up to 9 million semi-trucks per year. Interfere with port trucks

---

Date Received
04/29/2018

Source
Open house/public meeting

Communication
500 car/vehicle parking in Fife would highly impact the people in Fife. It would interfere with traffic and some trucks causing mass congestion. Those cars would interfere with evacuation from lahar/debris flow and tsunamis

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Find way to integrate transit-oriented development with OMF

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Jobs

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Reduce downtime

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Can be a strategic investment that can help to build out rail to Tacoma Mall if placed in Nalley Valley

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
If elevated especially using 99, give two side of impact

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Why is it elevated?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Less space for parks

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Lengthen trip times for transit passengers due to staff changed at maintenance facilities

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Reduce traffic and parking in crowded areas

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Provide a linear corridor for bicycle and pedestrian access (+1)

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Parking availability

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Will there be apprentice labor hours on this project?

Date Received
04/18/2018

Source
Open house/public meeting

Communication
By designing the terminal station to easily allow expansion further south, including into downtown Tacoma

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Create limited or unsafe pedestrian and bike crossings

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Limit parking availability near stations

Date Received
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Will be a tremendous help to South Sound commuters! Also will help Seattle tourists reach Tacoma, which is also a great destination

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Source
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Communication
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Source
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Communication
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Open house/public meeting

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Source
Open house/public meeting

Communication
Less space for parks

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Lengthen trip times for transit passengers due to staff changed at maintenance facilities

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Date Received
04/18/2018

Source
Open house/public meeting

Communication
Reduce traffic and parking in crowded areas

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Provide a linear corridor for bicycle and pedestrian access (+1)

Date Received
04/18/2018

Source
Open house/public meeting

Communication
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Date Received
04/18/2018

Source
Open house/public meeting

Communication
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Date Received
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Source
Open house/public meeting

Communication
By designing the terminal station to easily allow expansion further south, including into downtown Tacoma

---

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Create limited or unsafe pedestrian and bike crossings

Date Received
04/18/2018

Source
Open house/public meeting

Communication
Limit parking availability near stations

APPENDIX F

Station Area Workshop 1 Summary

Overview

Sound Transit's Tacoma Dome Link Extension (TDLE) will provide fast, reliable regional light rail connections between Pierce and South King counties and throughout the region. The project will extend light rail service approximately 10 miles from the Federal Way Transit Center Station (opening 2024) to Tacoma Dome Station by 2030. The extension assumes four stations in the vicinity of: South Federal Way, Fife, East Tacoma, and Tacoma Dome. The first phase of work, which includes the alternatives evaluation, is underway and will conclude with identification of a preferred alternative by summer 2019.

As part of a broader community engagement effort, Sound Transit is hosting a series of workshops focused on three geographic station areas: 1) South Federal Way, 2) Fife, and 3) East Tacoma and Tacoma Dome. These Station Area Workshops are a key element of the alternatives development process, allowing for a focused look at each station area in isolation. This document summarizes the first round of workshops, one held in each geographic station area.

Sound Transit will host two additional rounds of workshops in the Station Area Workshops series, currently proposed for July and November 2018. More information about the project and how to participate can be found at the project website, at soundtransit.org/tdlink.

Summary

The first round of workshops was held during the TDLE early scoping period (April 2 to May 3, 2018). Early scoping starts the public conversation, shaping the project before the start of formal state and federal environmental studies. The goals of the first workshop were to:

- Engage a broad cross-section of stakeholders using a facilitated focus group format.
- Gather input on participants' experience with transit to help guide station location and design, and ultimately provide better service to our customers.
- Gather participants' suggestions for possible station locations, and their rationale, to consider in our alternatives evaluation process.

Overall, the goal was to encourage active participation and robust conversations, resulting in ample input into the alternatives development phase of the TDLE project. Subsequent rounds of workshops will delve into additional topics as the TDLE alternatives development process advances.

The agenda for the first round of workshops (workshop 1) consisted of two parts:

- An optional pre-workshop briefing that provided an overview of the project.
- The main workshop where participants offered feedback on potential station locations.

The workshop format consisted of individual writing and mapping exercises and facilitated broader group discussions. See Appendix 1 for a copy of the materials from workshop 1.

Events and participation

Participants for the workshops were identified via an invitation process, with the intent of drawing a focus group of perspectives and experience in each station area. The initial invitee list was drawn from Sound Transit research, engagement, and requests for perspectives from the project's local jurisdiction partners, and by asking the project's Stakeholder Group for recommendations. Invited participants totaled between 50 and 95 for each workshop and included members of the project's Elected Leadership Group, Interagency Group, Stakeholder Group, and other community members with local perspectives.

Dates, times, locations, and attendance of the first round of workshops were as follows:

South Federal Way

Wednesday, April 25, 2018
5:00 – 8:30 p.m.
Federal Way Community Center
876 333rd St.
Federal Way, WA 98003

Attendance: 11

East Tacoma and Tacoma Dome

Thursday, April 26, 2018
5:00 – 8:30 p.m.
Court House Square
1102 A St., #438
Tacoma, WA 98402

Attendance: 23

Fife

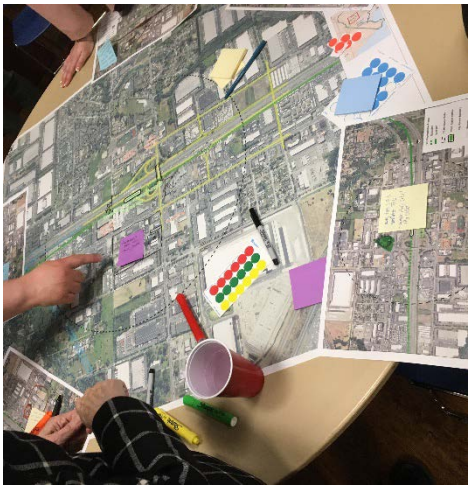

Tuesday, May 1, 2018
5:00 – 8:30 p.m.
Fife Community Center
2111 54th Ave. E.
Fife, WA 98424

Attendance: 11

Feedback themes

Each workshop included geographically-focused discussions on one or two specific station areas, and also engaged participants in conversations about overall transit experiences and long-term (50+ years) planning considerations. Overall themes of the workshop discussions are summarized below, with representative comments extracted from group discussions and/or participant worksheets noted in italics.

Workshop participants were generally supportive of light rail and transit expansion. Even participants who were infrequent transit users expressed support for the project and improved transit access throughout the corridor. Contributors described leaving a legacy for the next generation—the belief that, if thoughtfully planned, effective transit systems are essential for successful future communities. Many expressed that population growth will increase traffic congestion, causing people to seek other mobility options.

"…rather than where it's easy [to locate a station] now, pick a spot suitable for the construction of future homes, and the sidewalks, parks, and shops that will make [future generations'] homes great places to live."

"Integration [of light rail] into the school system would encourage social acceptance of transit."

It's important to ensure the light rail system is scalable to accommodate increased ridership and system growth over time. Workshop participants emphasized the need for system adaptability given the expected lifespan of the Tacoma Dome Link Extension. Contributors cited regional population growth trends and suggested flexibility to accommodate how riders may use light rail in the future (e.g., express trains, additional stations, future extensions, and/or increased capacity, more storage space for groceries/luggage).

"In 2080, I hope travelers will say… 'those folks in 2020 really thought about an ability to expand and [create] more routes, stations and Link cars…'"

"The service will need to be more frequent to accommodate non-traditional shifts and more jobs…"

Stations should complement existing communities and integrate with planned future growth. Workshop participants believed future light rail stations should be incorporated into the urban fabric of communities and serve as distinctive, vibrant urban centers with access to amenities. Suggested features included transit-oriented development, mixed-use commercial and residential space, affordable housing, bike storage, higher density, and electrical vehicle charging stations, among others. Numerous participants expressed that they'd like stations to be destinations in and of themselves. Contributors further described the need for stations to blend with local jurisdictions' economic and community development plans to be a catalyst for future development and community improvements.

"How will the communities served be developed? Answer that and [deciding] station location is easy. If you locate the station(s) correctly, ridership will be [a] given."

"Develop stations as 'destinations' with arts and commerce."

Safety in and around station areas is essential. The topic of station safety was prevalent in all workshop groups, with many expressing the need for security presence to dissuade crime, violence, and other safety concerns. Several participants spoke to the need for safety in the context of ensuring that younger generations feel confident using transit. Participants also highlighted the importance of clean cars and sanitary station facilities and believed this was a significant factor in increasing ridership.

"Stations need to be safe so our children can be comfortable using transit."

Stations need to be accessible by many modes of transportation. While ensuring sufficient parking at future stations was crucial for almost all workshop participants, there was strong consensus around providing access for people walking, biking or using other forms of transit. In addition to improving walkability and bike trail connections, participants encouraged Sound Transit to coordinate with King County Metro, Pierce Transit and other transit agencies to improve bus connections to light rail stations. Participants also urged Sound Transit to consider trending and future modes of transportation (rideshare, electric charging stations, self-driving cars, etc.). The key for many participants is strengthening east-west and north-south arterial connections to the station area and ensuring mode connections are easy to understand.

"If there is an opportunity to increase ridership by supporting non-motorized station access with a facility that is cost-effective, then we should do it."

"Construct enough branch lines and neighborhood connections that this system provides reliable access, not just 'A' to 'B' destination access."

Reliable schedules are crucial to increasing ridership. Many commenters shared the belief that reliability is one of the most important factors in encouraging people to opt for transit over personal vehicles.

"People need to know that if they miss the train, another one will be incoming in 12 minutes."

The current transit system is ideal for travel to major destinations, but doesn't serve surrounding areas adequately. Most contributors who weren't avid transit users reported utilizing light rail for travel to primary destinations, like Sea-Tac Airport or Century Link and Safeco fields. This same group expressed that transit won't be a viable daily option for them until it provides convenient connections near their homes.

"[Light rail] is the only way to go to a Seahawk's game!"

"The nearest bus stop is a 2.3-mile bike ride. My work is approximately 5 miles from my home, so if I have to bike halfway to the bus stop, I'm just going to stay on my bike until I get to my office."

Upgraded ticketing technology would improve ease of use and encourage ridership. Some contributors shared frustration with the ORCA card system and expressed a desire for a simplified way to pay for one-time transit use. While it's easy to operate between transit providers with the ORCA system, participants expressed that the length of time between loading the card and access to credited funds is too long. One participant suggested there be a way to pay immediately with a debit card; another proposed a dedicated smartphone app for fare payment. Contributors believed upgrading the technology would increase ridership in the short-term and encourage the next generation of light rail users.

Station location feedback by station area

For Sound Transit 3 projects in the 2016 ballot measure, Sound Transit produced "representative projects" identifying the transit mode, corridor, number of stations, general station locations and related features. These elements formed the basis for the project's scope, schedule and budget. The TDLE representative project is the starting place from which project alternatives will be developed. Station Area

Workshop participants were provided with maps of the TDLE representative project and asked to provide feedback on the representative stations and suggest any alternative station locations they thought should be considered. The following sections summarize station area suggestions and feedback themes as collected during the first round of workshops. Station locations suggested by Station Area Workshop participants and Early Scoping Online and Community Open House participants have been mapped. Scans of the original maps created during group discussions at the workshops are included in Appendix 2.

South Federal Way

A major theme of the South Federal Way workshop was a concern about access to the station, making sure the station location doesn't increase congestion in the area. Contributors were also interested in how the station area could be developed to become a destination in and of itself. The most common feedback about the representative project station location included:

- The available right-of-way is constrained at this location and limits possibilities for station amenities and development in relation to current development patterns.
- Adding a parking garage in this location will increase congestion, particularly at peak hours due to existing congestion (but the Costco/Home Depot parking lots could be redeveloped).
- The proximity to I-5 would be a barrier to rider access and area of influence, while a location inland from I-5 would allow for more of a street grid to be built.

The following station location suggestions were gathered from the South Federal Way Station Area Workshop. Comments related to these station suggestions are outlined below and mapped on the graphic included:

- On Enchanted Parkway South.
    - Adjacent to Home Depot at South 52nd Street.
    - At the intersection with South 356th Street, near Lowes and Jet Chevrolet.
    - *Some participants suggested this location because Enchanted Parkway South provides convenient access to Puyallup.*
- WSDOT property just north of Jet Chevrolet.
    - *Some participants were interested in a possible development partnership with WSDOT, given that this property is still close to I-5, but has more room than the right-of-way.*
- On the Jet Chevrolet property.
- At the intersection of South 348th Street and 16th Avenue South.
- On Pacific Highway South.
    - At the intersection with South 348th Street.
    - Just south of the South 352nd Street intersection.
    - At the intersection with South 365th Street.
    - *Station suggestions on Pacific Highway South were considered to have better resident access (including Brown's Point / western communities), less congestion, and more room for growth of amenities.*
    - *Some trade-offs raised included that Pacific Highway South is far from the representative corridor and there could be negative environmental impacts on nearby wetlands.*
- Property just south of Federal Way Crossings.
    - *Supporters advocated locating a station on this property because it would provide access to the shopping center with a potential for combined parking with Federal Way Crossings. Supporters also highlighted this location as a good spot for expanded amenities.*
- Suggestion to avoid building too close to Todd Beamer High School.
    - *Some participants believed a station near the school had potential to disrupt school access due to parking overflow and could increase crime in the area.*
- Suggestions for locations on the east side of I-5.

- Across from Todd Beamer High School.
- Across from the representative station location.
- Across from Home Depot.
- *Supporters shared that the east side of I-5 would generally provide more flexibility and space for targeted development and increased possibility for amenities.*
- *Contributors noted this area may require more environmental mitigation.*
- *Regardless of whether the station is located on the east or west side of the Interstate, participants expressed concerns about how pedestrians could cross I-5 and reported a desire for safe pedestrian bridges/connections.*

South Federal Way: Mapped station location suggestions

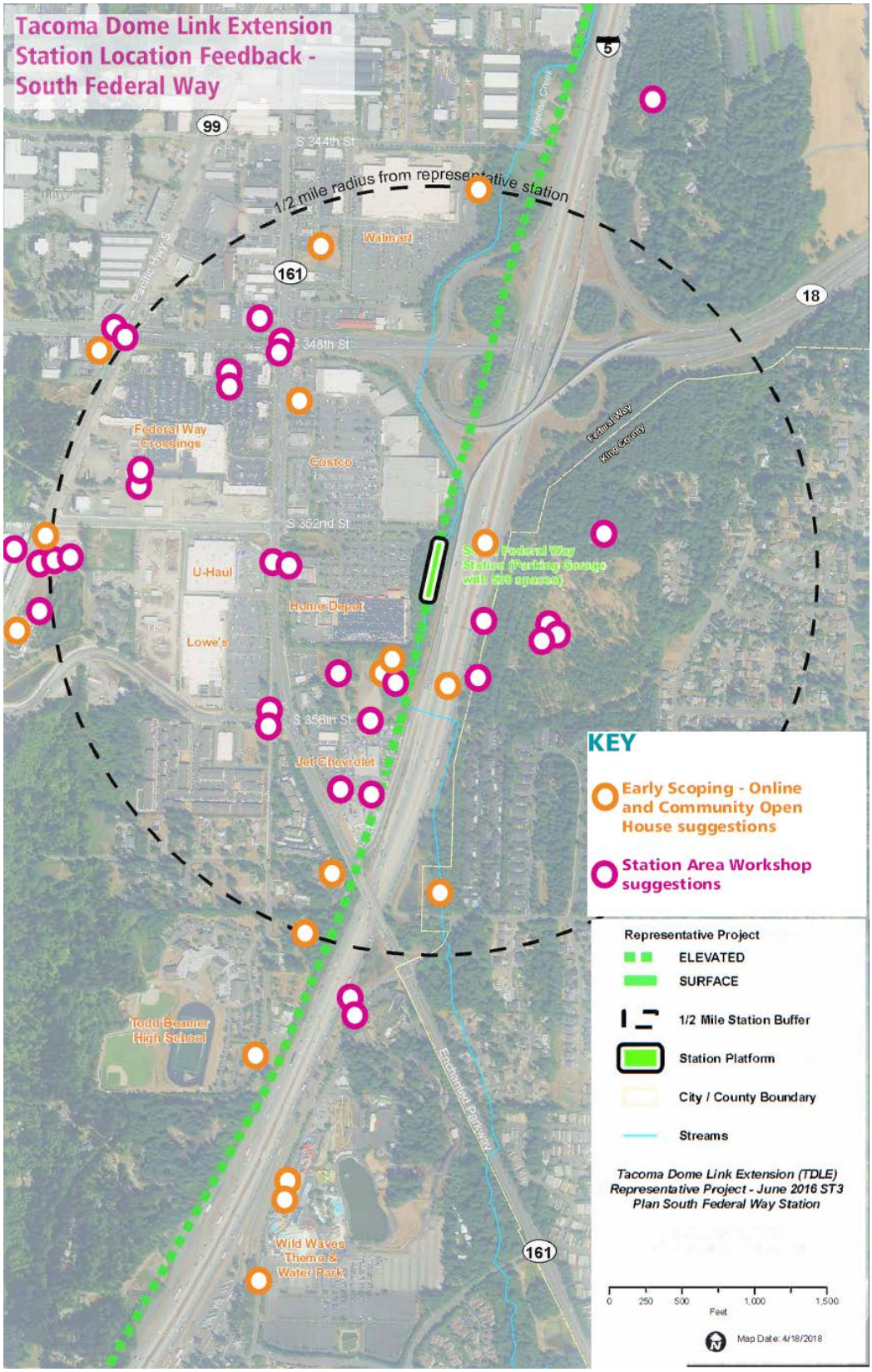

Fife

At the Fife workshop, participants were interested in how the station location could help promote development of the area. Regarding the station location in the representative project, contributors thought there was too much traffic and that the proximity to I-5 might limit development. Some participants suggested preserving visual access to the car dealerships along I-5. Participants were also concerned about potential impacts to Port operations and freight movement.

Other general comments included a suggestion to avoid impacting the Emerald Queen Casino and tribal land and to not put the station near the Fife Community Center because of potential interference with planned future interchange improvements on 54th Avenue East. Regardless of where participants made station suggestions, there was consensus that pedestrian connections or a pedestrian overpass would be necessary to ensure riders are able to safely cross I-5. Contributors suggested this connection should be located at 62nd Avenue East. Additional station location suggestions gathered from the Fife Station Area Workshop are outlined below and indicated on the map.

- On 54th Avenue East.
    - Bordering I-5.
    - Elevated station over I-5.
- On 12th Street East.
    - At the intersection of 59th Avenue East.
    - At the intersection of 64th Avenue East.
    - *Advocates for this station area were particularly interested in developing a town center with parking garage access off 12th Avenue East to mitigate traffic congestion on surrounding roads.*
- Off 15th Street East, west of the Emerald Queen Casino.
    - *Participants suggested incorporating the Casino into a town center plan with a station nearby.*
- On 62nd Avenue East.
    - At the intersection of 20th Street East.
        - *Participants were interested in serving those who live in Sumner or south of Sumner through this station location.*
    - At the intersection of Pacific Highway South.
        - *Participants suggesting this area thought it would serve North Hill residents better than the representation station. Participants believed the station should be close to the Emerald Queen Casino and Pacific Highway because there is better access to the street grid than the representative location on I-5, which limits future development.*

Fife: Mapped station location suggestions

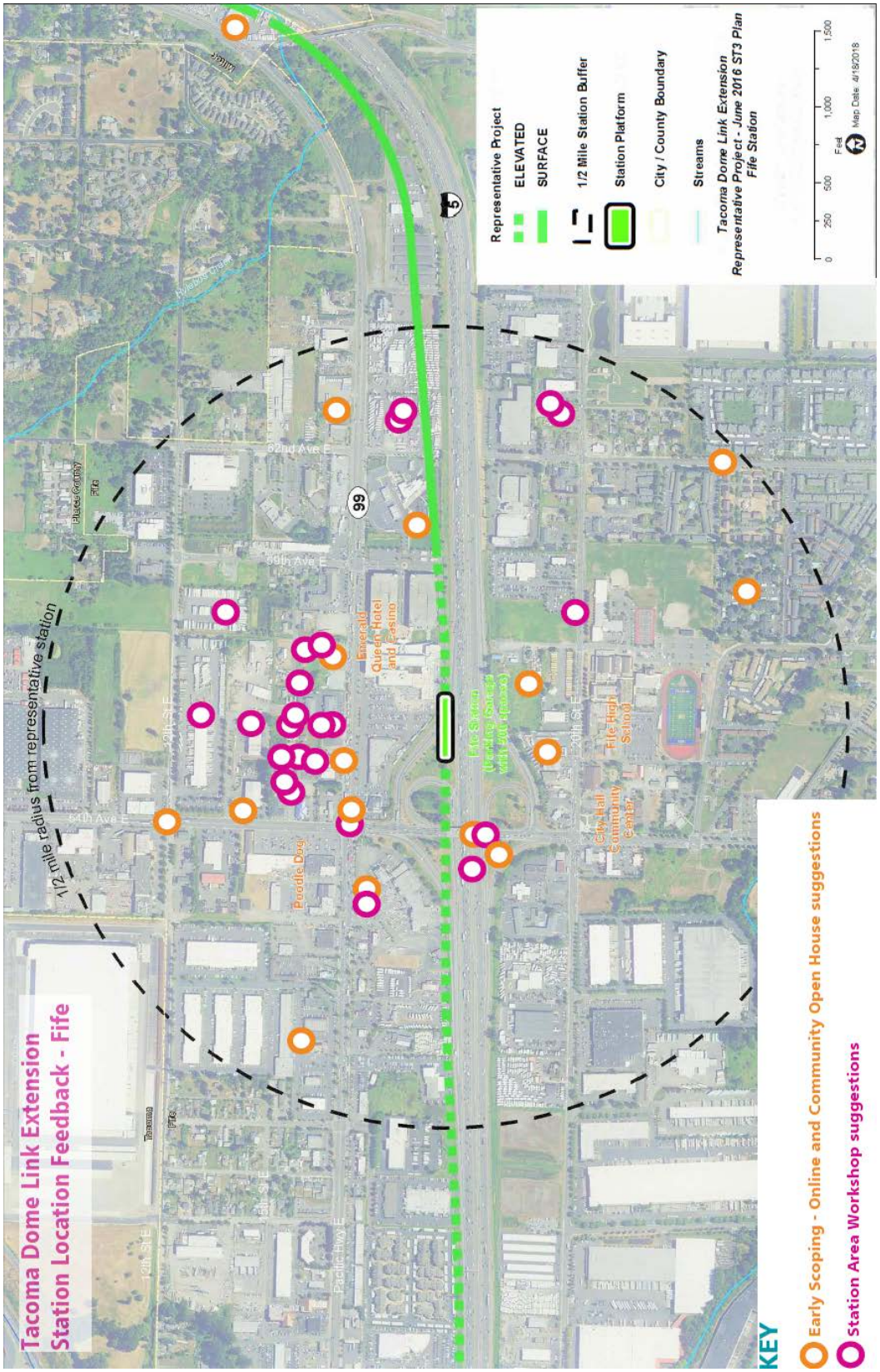

East Tacoma and Tacoma Dome

Participants at the combined East Tacoma and Tacoma Dome workshop were particularly interested in how the East Tacoma station could best serve traditionally underrepresented populations. There was general agreement that I-5 is a significant barrier between the representative station and the East Tacoma neighborhood, an area that is currently underserved by transit and amenities. Contributors also placed strong importance on minimizing environmental impacts where the alignment crosses the Puyallup River.

Regarding the Tacoma Dome Station, contributors were most vocal about the need for coordination with other nearby transit systems, such as the Sounder and bus station, as well as parking and traffic impacts given the high level of transit activity near Tacoma Dome. Participants expressed a desire for additional parking beyond what is currently available given the popularity of the existing park and ride garage. Contributors suggested coordinating with other transit modes, so the ridership wouldn't be dependent on driving to the station area. Additional station location suggestions gathered from the East Tacoma and Tacoma Dome Station Area Workshop are outlined below.

EAST TACOMA

- Near representative alignment.
    - Representative location.
        - *Participants highlighted several issues with locating a station near the representative alignment, including significant issues for pedestrian accessibility as well as future development constraints that would make it difficult to create transit-oriented development.*
    - On the representative alignment, just west of the representative station location.
    - On La Quinta Inn & Suites site.
        - *Several participants advocated for this location due to better pedestrian access, more space for growth and parking, and less traffic congestion.*
    - On the north end of Soccer Center property, bordering East 26th Street.
- On property owned by the Puyallup Tribe of Indians.
    - Between the current Emerald Queen Casino location and the future Emerald Queen Casino location.
    - At future Emerald Queen Casino site.
    - At Puyallup Tribal Headquarters.
    - At the intersection of East R and 32nd streets.
    - *This station location removes I-5 as an obstacle for non-motorized transport and has good access to social services and the Salishan community.*
    - *This area was opposed by several participants who were interested in avoiding any interference with tribal land. Additionally, contributors worried about parking interference with casino guests.*
- Embedded within the East Tacoma neighborhood.
    - On East Roosevelt Ave.
    - Adjacent to park on East R Street.
    - Adjacent to Salishan (Tacoma Housing Authority affordable housing community).
    - Between East L and East M streets.
    - *Participants advocated for a station within the East Tacoma neighborhood, near existing amenities and social services.*

TACOMA DOME

- Near existing transit services.
    - Adjacent to existing bus station.
        - *Participants believed additional bus connections to the future light rail station would be key to reducing congestion in the station area and facilitating "last-mile" connections from transit to people's homes.*
    - Adjacent to the Sounder Station.

    - Bordering the Tacoma Dome property.
    - Representative station location.
    - Underground station near representative station that provides underground connection to East Tacoma Station.
    - East end of Freighthouse Square.
    - *Station suggestions in this area were desired because of proximity to other transit networks.*
    - *There was strong consensus that additional parking would be necessary in this station area. Participants reported significant existing congestion on 25th Avenue East that could be compounded by adding parking capacity.*
    - *To improve accessibility to the station from the east side of I-5, participants suggested adding a crossing over I-5 to the Tacoma Dome.*
- Adjacent to the BNSF property.
    - Bordering BNSF property.
    - Bordering Pacific Highway South, northwest of the Tacoma Dome.
    - Adjacent to BNSF property off State Route 509.
    - *Advocates for this station suggestion were interested in removing traffic from the primary transit hub and ensuring more space for parking and flexibility to expand surrounding amenities.*

East Tacoma and Tacoma Dome: Mapped station location suggestions

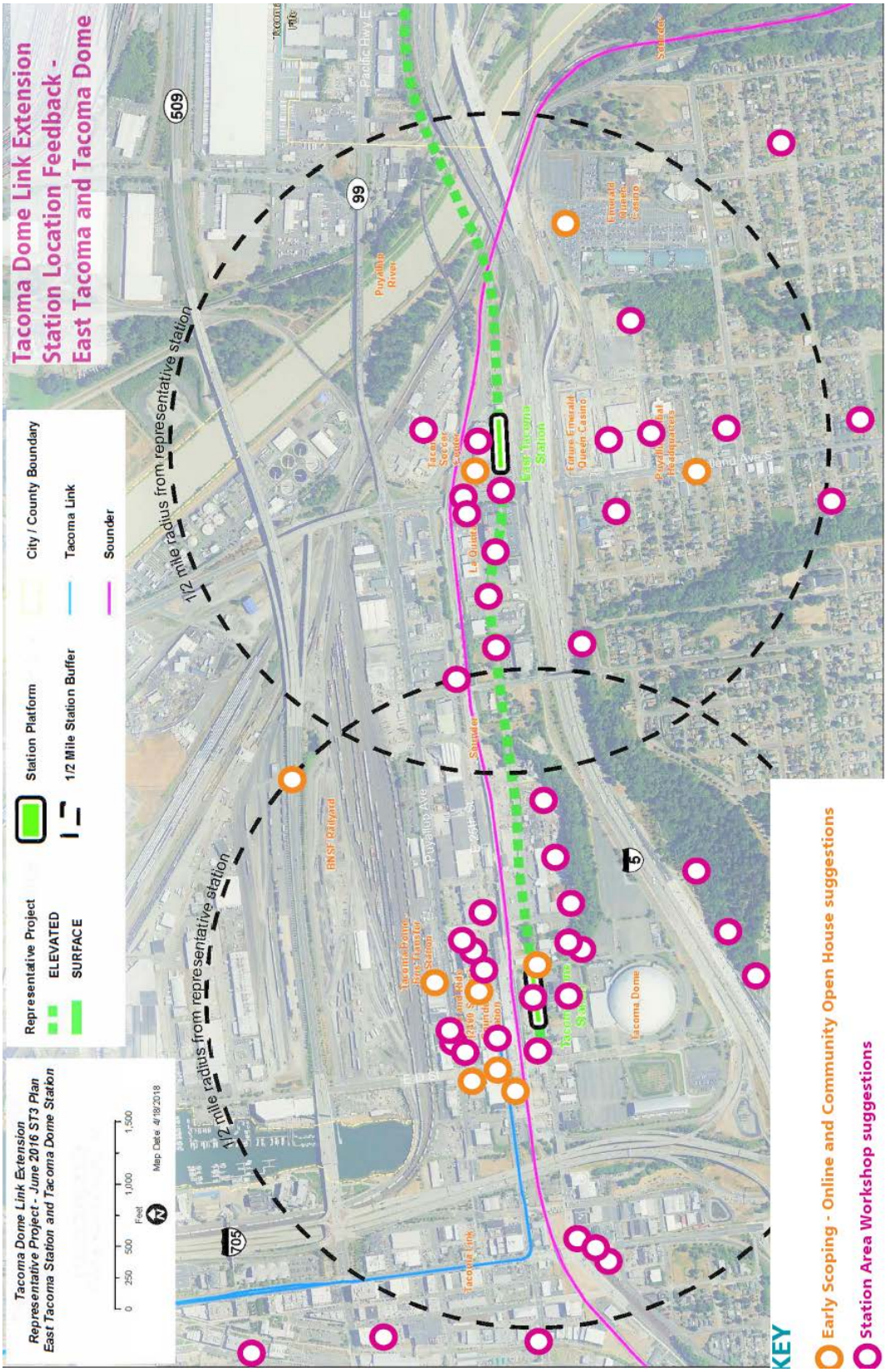

Next steps

Input collected from the first workshops, along with other early scoping feedback, will be used to inform alternatives to be studied in the next step of the alternatives development process. All feedback will be considered by the project team and delivered to the Elected Leadership Group. Ideas provided during workshops may be reflected in preliminary alternatives, based on feasibility or other design and evaluation criteria.

Sound Transit will host two additional rounds of workshops in the Station Area Workshops series, currently proposed for July and November 2018. More information about the project and how to participate can be found at the project website, at soundtransit.org/tdlink.

Appendix 1 – Workshop 1 Materials

Agenda

Meeting Agenda
Tacoma Dome Link Extension
Station Area Workshop #1

Optional Pre-Workshop Briefing on Project Background and History (1 hour)

Meeting Time: 5:00 – 6:00 p.m.
Meeting Purpose: Provide background and context for the Tacoma Dome Link Extension to prepare participants who are less familiar with the project for the workshop.

Time	Topic
5:00 p.m.	**Welcome and Introductions**
5:10 p.m.	**Project History**
5:25 p.m.	**Overview of the Representative Project**
5:40 p.m.	**Break**

Station Area Workshop (2.5 hours)

Meeting Time: 6:00 – 8:30 p.m.
Meeting Purpose: Identify key opportunities for making the project successful, including how and where stations are located.

Time	Topic
6:00 p.m.	**Welcome and Introductions**
6:15 p.m.	**Discussion: Experience of Transit**
6:45 p.m.	**Break**
6:55 p.m.	**Map activity: Explore Potential Station Locations**
8:20 p.m.	**Wrap Up & Next Steps**

South Federal Way Worksheet

South Federal Way Station

About You

Name: _____

E-mail address: _____

*(For use **only** if we have a follow up question or can't read something you wrote)*

Discussion Questions

1. If you've taken transit recently, what made it a good or bad experience? If you haven't taken transit recently, why not? What would make transit a more appealing or compelling option for you?
2. The success of TDLE will be judged over the long term (50+ years). For the next generation, what is most important to get right?
3. What decisions, at this station and for the Link system as a whole, could limit the potential of the station and system?
4. The map provided shows the area around the station included in the Sound Transit 3 (ST3) "representative project." Please draw on the map to show any alternative station location(s) that you think we should consider, and note the main reasons you are suggesting the location(s). What might be some advantages or disadvantages to the location(s)?

   Note that alternative station locations do not need to be placed on the representative alignment.

What is the representative project?

For ST3 projects in the 2016 ballot measure, Sound Transit produced "representative projects" identifying the transit mode, corridor, number of stations, general station locations and related features which formed the basis for the project's scope, schedule and budget. The Tacoma Dome Link Extension representative project is the starting place from which project alternatives will be developed, and does not necessarily represent the final location of stations or the rail alignment.

South Federal Way Map

Fife Worksheet

Fife Station

About You

Name: _____

E-mail address: _____

*(For use **only** if we have a follow up question or can't read something you wrote)*

Discussion Questions

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Fife Map

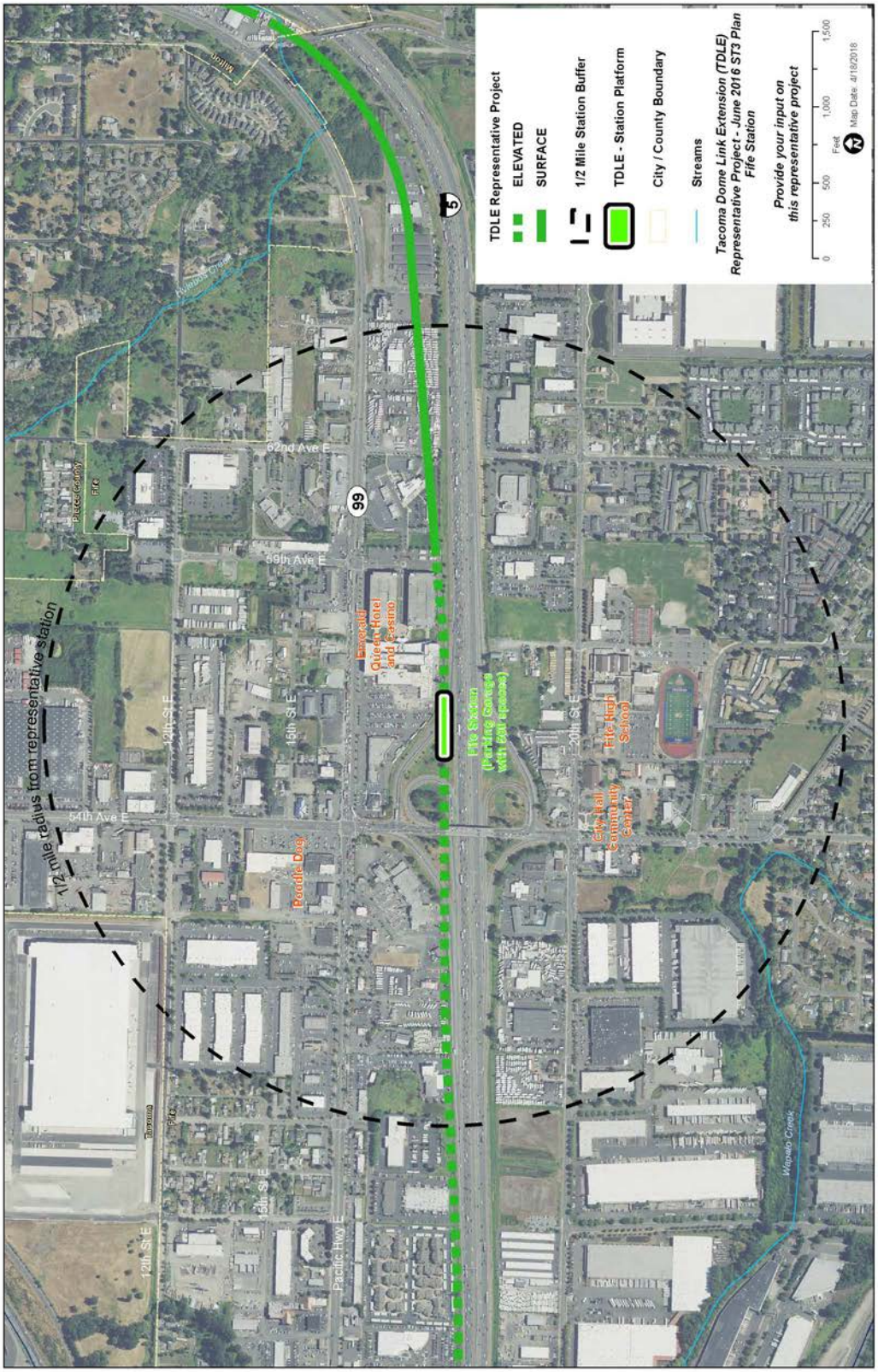

East Tacoma and Tacoma Dome Worksheet

East Tacoma and Tacoma Dome Station

About You

Name: _____

E-mail address: _____

*(For use **only** if we have a follow up question or can't read something you wrote)*

Discussion Questions

1. If you've taken transit recently, what made it a good or bad experience? If you haven't taken transit recently, why not? What would make transit a more appealing or compelling option for you?
2. The success of TDLE will be judged over the long term (50+ years). For the next generation, what is most important to get right?
3. What decisions, at this station and for the Link system as a whole, could limit the potential of the station and system?

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East Tacoma and Tacoma Dome Map

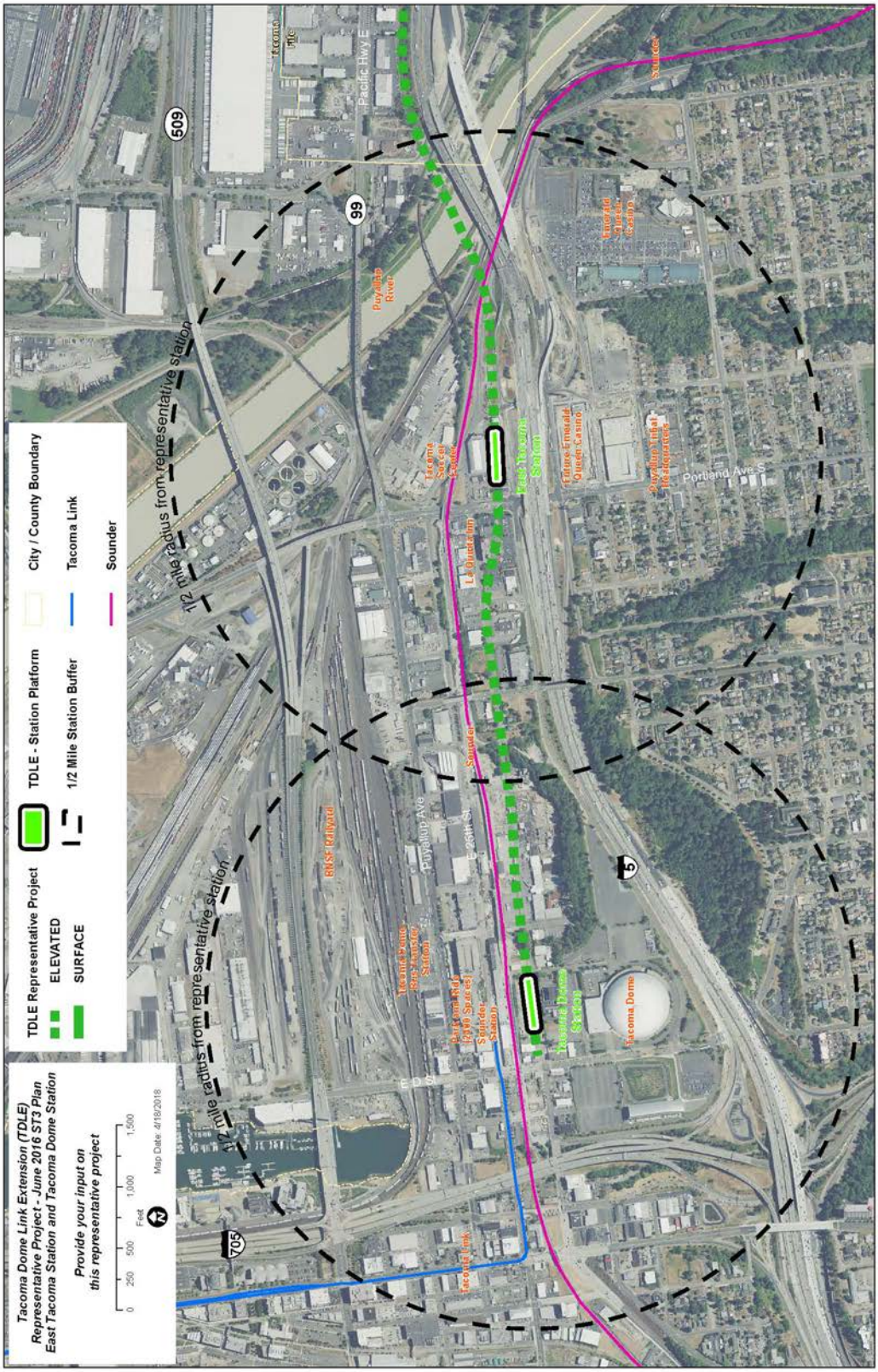
Tacoma Dome Link Extension (TDLE)
Representative Project - June 2016 ST3 Plan
East Tacoma Station and Tacoma Dome Station
Provide your input on
this representative project
0 250 500 1,000 1,500
Feet
Map Date: 4/18/2018
TDLE Representative Project
ELEVATED
SURFACE
TDLE - Station Platform
1/2 Mile Station Buffer
City / County Boundary
Tacoma Link
Sounder
1/2 mile radius from representative station
1/2 mile radius from representative station
705
509
99
5
Pacific Hwy E
Puyallup River
Portland Ave S
E 26th St
Puyallup Ave
BNSF Railway
Tacoma Dome
East Tacoma Station
Tacoma Link
Sounder

Appendix 2 – Scans from Group Mapping Exercise

South Federal Way

West Hyndon Wetlands
Lowe's
Lowe's
Lowe's

Fife

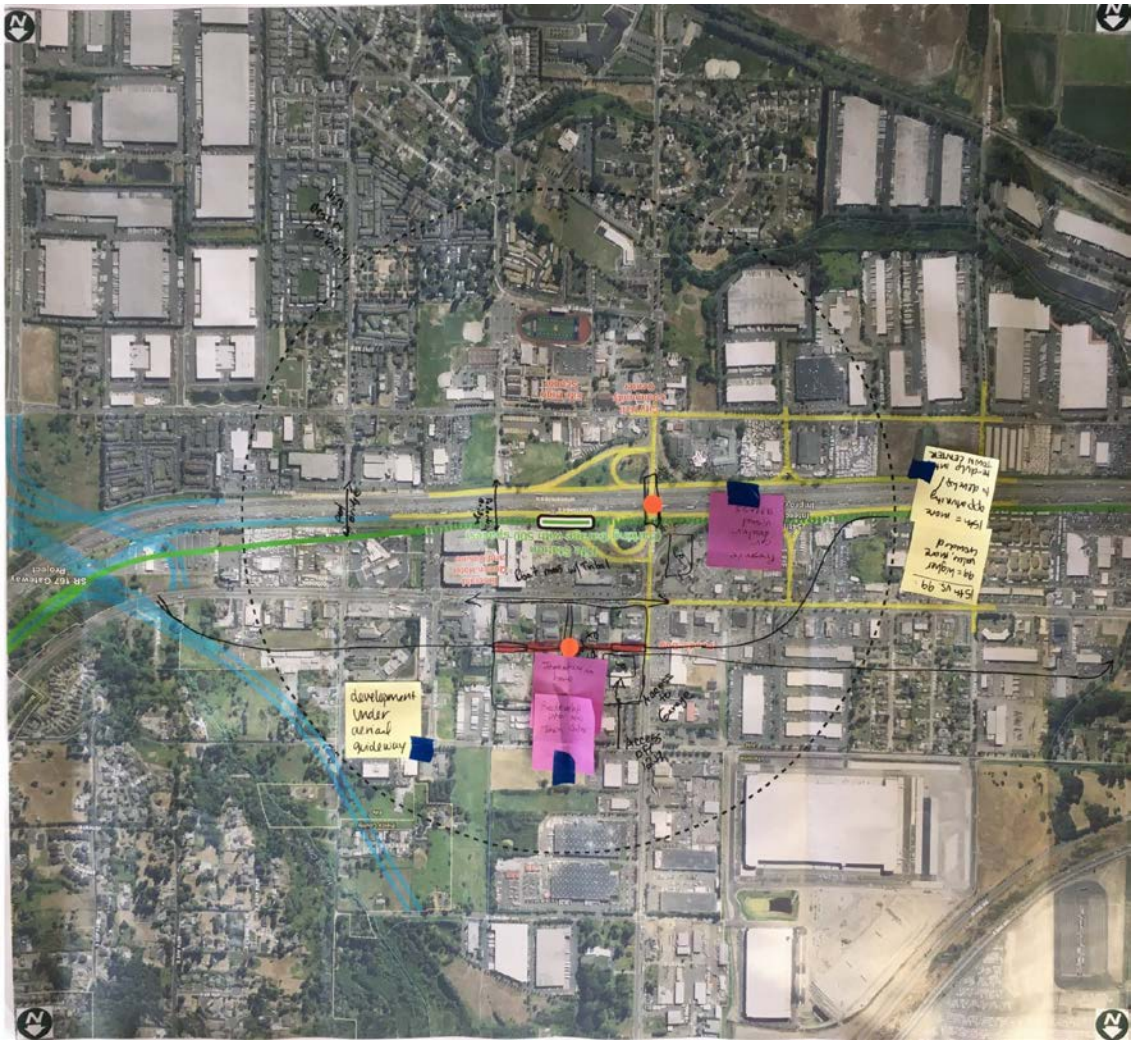
development under canal guideway
Can't pass w/ Tolls!
15th/E 99
99 = higher value, more expensive
15th = more expensive/ in demand
SR 167 Gateway Project

SR 167 Gateway Project

East Tacoma and Tacoma Dome

Extend Tac. Line
Safety
Better arrives

APPENDIX G

Station Location Feedback Maps

Tacoma Dome Link Extension Station Location Feedback - South Federal Way

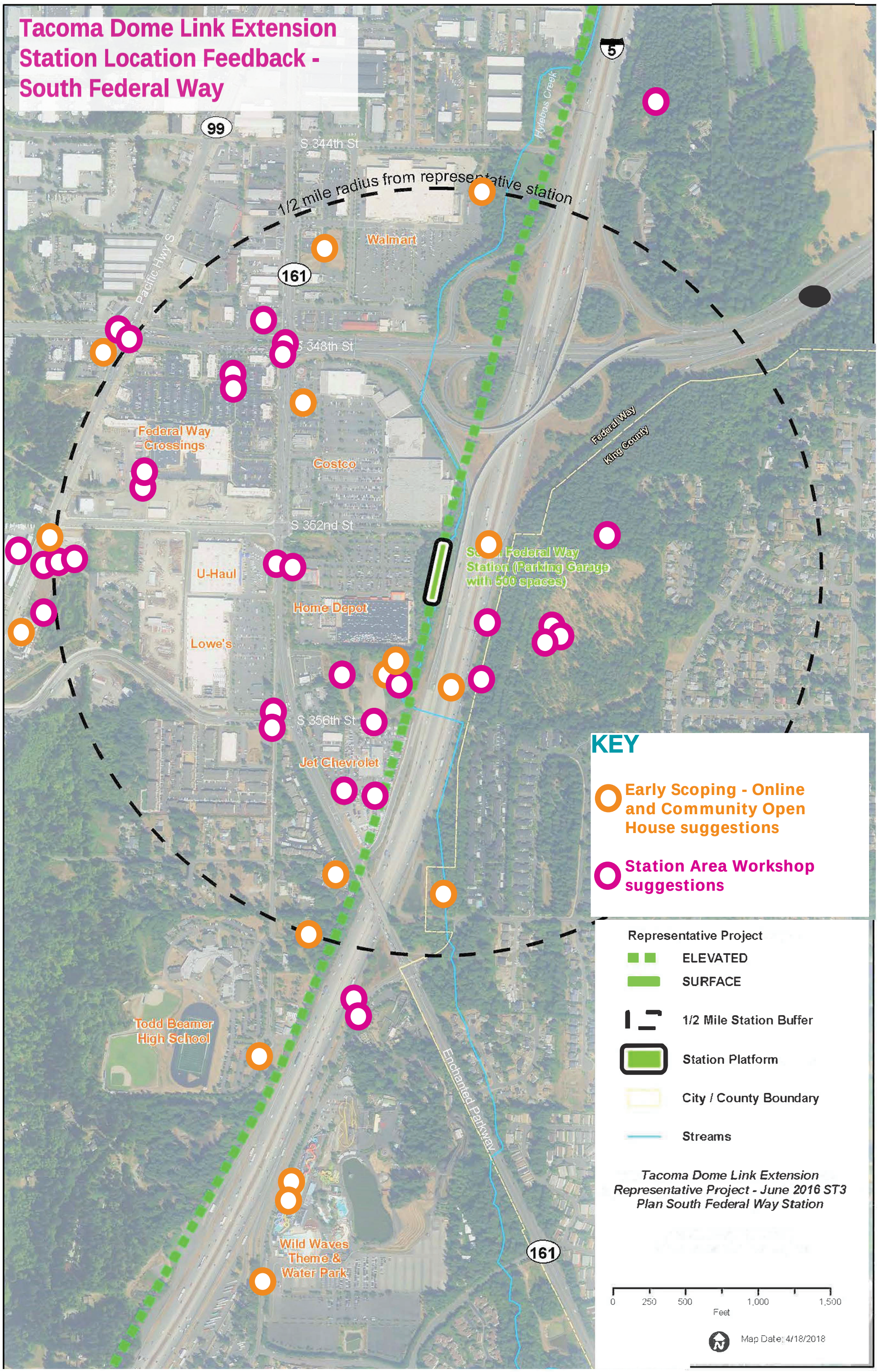

Tacoma Dome Link Extension
Station Location Feedback - Fife

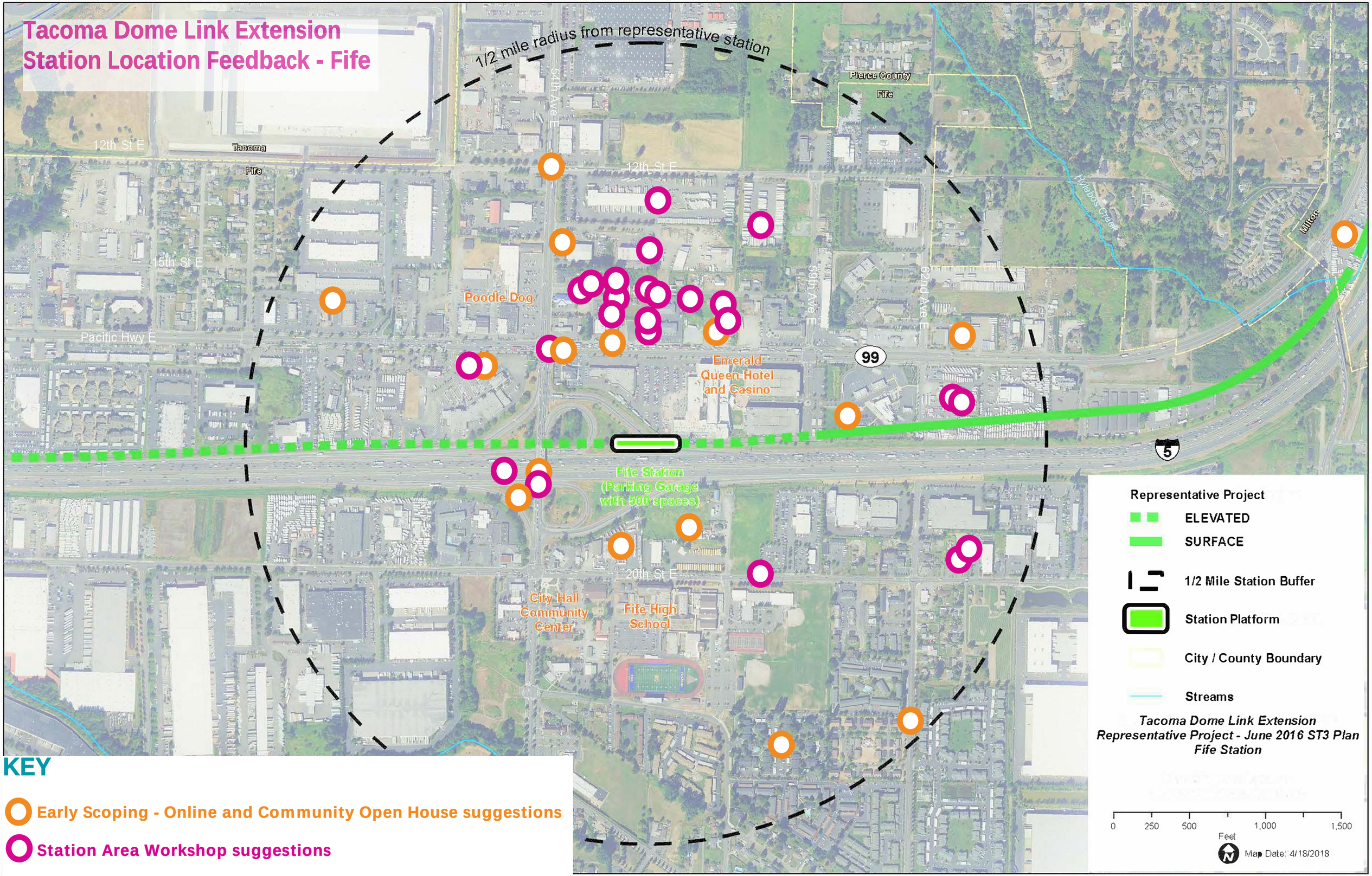

KEY

- Early Scoping - Online and Community Open House suggestions
- Station Area Workshop suggestions

Tacoma Dome Link Extension Station Location Feedback - East Tacoma and Tacoma Dome

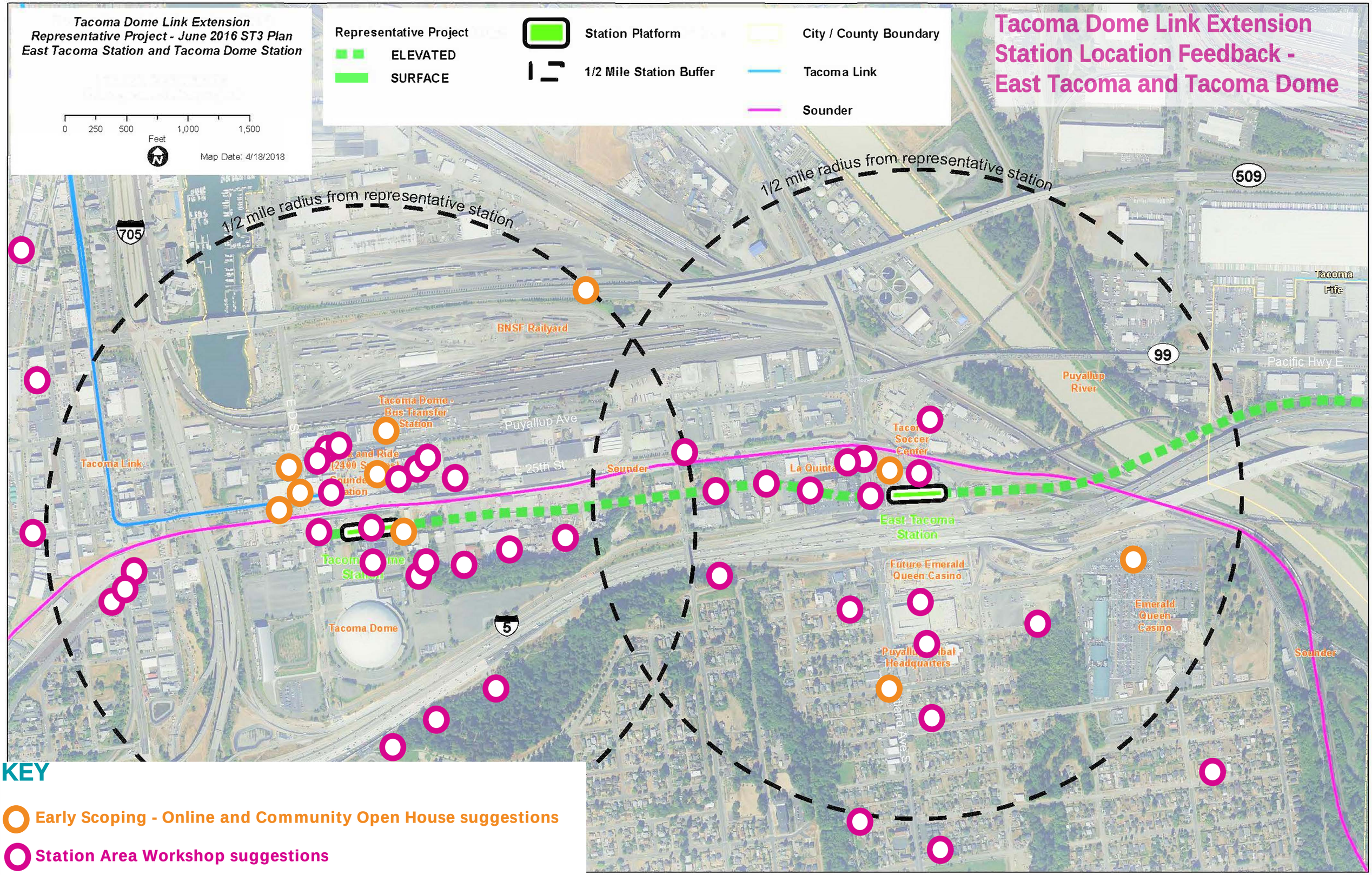

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

SCOPING SUMMARY REPORT

Appendix I2

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

Tacoma Dome
Link Extension

Scoping Summary Report

May 2019

SOUNDTRANSIT

To request accommodations for persons with disabilities or information in alternative formats, call 1-800-201-4900/TTY Relay: 711 or email accessibility@soundtransit.org.

Para información acerca del proyecto llame al: 1-800-823-9230

Звоните 1-800-823-9230, чтобы получить информацию о проекте

프로젝트에 관한 정보는 다음으로 연락하십시오: 1-800-823-9230

សម្រាប់ព័ត៌មានអំពីគម្រោងម្តេះ សូមទូរស័ពទមៃ: 1-800-823-9230

Để biết tin tức về dự án này, xin gọi: 1-800-823-9230

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Appendices are available on Sound Transit's website at: soundtransit.org/tdle.

Acronyms and Abbreviations

ADA	Americans with Disabilities Act
Board	Sound Transit Board
BRT	bus rapid transit
COT	Community of Interest
DAHP	Washington State Department of Archaeology and Historic Preservation
DNR	Washington State Department of Natural Resources
Ecology	Washington State Department of Ecology
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
FTA	Federal Transit Administration
FWPD	Federal Way Police Department
HCT	high-capacity transit
I-5	Interstate 5
Metro	King County Metro Transit
NEPA	National Environmental Policy Act
NWSA	Northwest Seaport Alliance
Port	Port of Tacoma
PSRC	Puget Sound Regional Council
ROD	Record of Decision
SEPA	State Environmental Policy Act
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
ST3	Sound Transit 3
TDLE	Tacoma Dome Link Extension
TOD	transit oriented development
Tribe	Puyallup Tribe of Indians
WISAARD	Washington Information System for Architectural and Archaeological Records Data
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

1.1 Purpose of this Report

Sound Transit conducted scoping for the Tacoma Dome Link Extension from April 1 through May 1, 2019. This report describes the scoping process and summarizes the comments received from agencies, tribes, and the public. **Appendices A through H** provide supplementary information on the scoping process, public outreach, and the comments received.

1.2 Tacoma Dome Link Extension

The Central Puget Sound Regional Transit Authority (Sound Transit) and the Federal Transit Administration (FTA) are conducting scoping activities for an environmental impact statement (EIS) they will prepare for the Tacoma Dome Link Extension (TDLE) project. This project is part of the Sound Transit 3 (ST3) Plan approved by voters in 2016. The project would extend the regional light rail system nearly 10 miles, from the Federal Way Transit Center Station in the city of Federal Way, King County, to the Tacoma Dome Station area in the city of Tacoma, Pierce County. It includes four new stations and a bridge crossing the Puyallup River. **Exhibit 1** shows the location of the TDLE project and potential alternatives being considered during scoping as Sound Transit works to identify which alternatives to evaluate in the Draft EIS. TDLE is a regional capacity project listed as part of The Regional Transportation Plan—2018 (PSRC 2018) prepared by the Puget Sound Regional Council (PSRC) and Sound Transit's Regional Transit Long-Range Plan Update adopted on December 18, 2014 (Sound Transit 2014a). **Exhibit 2** shows Sound Transit's regional transit system, including TDLE and other projects that are part of the system expansion.

The TDLE project would be primarily elevated with stations at South Federal Way, Fife, East Tacoma, and Tacoma Dome, and park-and-ride facilities planned in South Federal Way and Fife. The Tacoma Dome Station would serve as a multimodal transit hub, with transfer options to and from Sounder service, Amtrak, Tacoma Link, and Pierce Transit and Sound Transit buses.

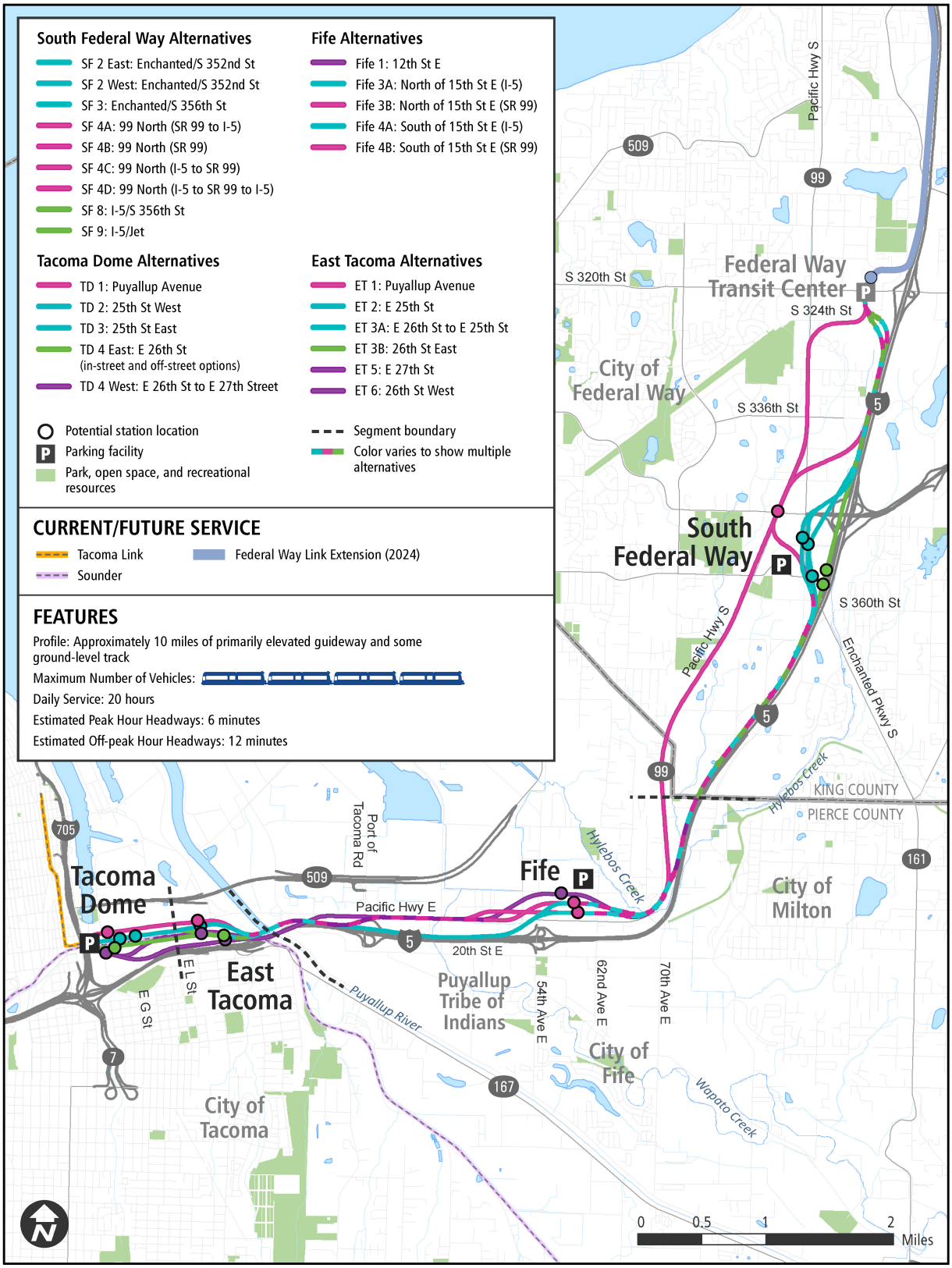

Exhibit 1 Project Area Map and Potential Alternatives Considered During EIS Scoping

Exhibit 2 Regional System Map

2 THE SCOPING PROCESS

2.1 Purpose of Scoping

Scoping provides an opportunity for the public to learn about and provide comments on the project as it begins, including the Purpose and Need statement, potential alternatives, and environmental resources to evaluate in the EIS. Scoping supports the project's overall planning, public involvement, and state and federal environmental approach.

The FTA and Sound Transit have concluded that the project has the potential to result in significant environmental effects and an EIS is needed, as required by the National Environmental Policy Act (NEPA) and Washington's State Environmental Policy Act (SEPA). Various alternatives to develop light rail in the corridor are being considered for evaluation in the EIS. The light rail alternatives are based on the potential alternatives identified through an alternatives evaluation process that includes input from agencies, tribes, and the public. A scoping notice for the EIS has been published in the Federal Register and the SEPA register (**Appendix A**).

2.2 Opportunities to Comment

The comment period for scoping was from April 1 through May 1, 2019. During this time, several meetings helped to inform and obtain input from agencies, tribes, and the public.

Three community open houses (public meetings) were conducted (see Section 3.2).

During the scoping process, people were able to provide comments in the following ways:

- Online: tdlink.participate.online
- Email: TDLEscoping@soundtransit.org
- Mail: Sound Transit, TDLE project
  c/o Elma Borbe, Senior Environmental Planner
  401 S. Jackson Street, Seattle, WA 98104
- Phone (via voicemail): 206-903-7118
- Open Houses: Written comment forms and computer terminals with online commenting input. A court reporter was also present at the open houses to transcribe spoken comments.
- Listening Session in East Tacoma: Written comment forms

In addition to the public meetings, a scoping meeting was held for tribes, agencies, and jurisdictions on the afternoon of April 16, 2019 in Fife. Agency participants were able to learn about the project, ask questions, and provide informal comments in advance of providing their formal scoping comment letters.

Scoping information was summarized in the Scoping Information Report prior to the start of the comment period (**Appendix B**).

2.3 Summary of Participation

Participation during the scoping period included:

Tribal, agency, and jurisdiction participation

- Fifteen representatives attended the Agency Scoping Meeting on the afternoon of April 16, 2019.
- The Puyallup Tribe of Indians (Tribe) and members of several local government agencies attended the Agency Scoping Meeting and community open houses.
- The Tribe and 13 agencies submitted comment letters.

Public participation

- More than 200 people attended three community open houses in Federal Way, Fife, and Tacoma and a listening session in East Tacoma.
- Over 3,100 people participated in an online open house.
- Over 650 communications were received. These included narrative feedback and evaluative/quantitative feedback for level of interest in a given alternative.
- Ads on Sound Transit's Facebook page reached over 34,500 social media users. More than 140 social media user engagements, likes, and retweets were observed on Sound Transit's Twitter page.
- Several posts were included on Sound Transit's Facebook page (31,164 subscribers) and Twitter (84,800 followers).
- Posters were placed in 151 different locations throughout the project area between Kent and Tacoma.
- More than 67,460 postcards were mailed to homes, apartments, and businesses in Federal Way, Fife, Milton, and Tacoma.
- One news release and three update notices were emailed to 6,200 email list subscribers.
- Display advertisements (**Appendix C**) were placed in 13 local online and print publications, as well as promoted posts on Facebook to zip codes in the project area.
- Four briefings were provided to stakeholders in the project area (Downtown On the Go, Tacoma Area Commission on Disabilities, Dome District Tacoma, EL1 Tacoma).
- Field visits/door-to-door outreach reached over 120 businesses, property owners, and residents.

3 SCOPING MEETINGS AND OUTREACH

The scoping period included an agency meeting, three open houses, and a listening session.

As part of the broader community engagement efforts, Sound Transit has also been conducting briefings for city councils and organizations, and regular meetings with the Stakeholder Group, Elected Leadership Group, and Interagency Group.

3.1 Tribe, Agency, and Jurisdiction Scoping Meeting

3.1.1 Notification

An agency scoping meeting to present project information and receive comments was held on April 16, 2019 from 2:00 to 4:00 p.m. at the Fife Community Center, 2111 54th Avenue E, Fife. Sound Transit sent notices for the meeting by email to representatives of the following tribes, agencies, and jurisdictions. Those that attended the meeting are shown with an asterisk.

Tribes

- Puyallup Tribe of Indians*
- Confederated Tribes and Bands of the Yakama Nation
- Muckleshoot Indian Tribe
- Nisqually Indian Tribe

Federal Agencies

- Advisory Council on Historic Preservation
- Bonneville Power Administration
- Federal Aviation Administration, Northwest Mountain Region
- Federal Emergency Management Agency, Region 10
- Federal Highway Administration, Washington State Division*
- Federal Motor Carrier Safety Administration
- Federal Railroad Administration
- Federal Transit Administration, Region 10
- Maritime Administration, Pacific Northwest Gateway Office
- National Oceanic and Atmospheric Administration Fisheries, West Coast Region
- U.S. Army Corps of Engineers
- U.S. Bureau of Indian Affairs, Northwest Region
- U.S. Coast Guard, District 13
- U.S. Department of Homeland Security, Transportation Security Administration
- U.S. Department of Housing and Urban Development, Region 10
- U.S. Department of the Interior, Office of Environmental Policy and Compliance, Pacific Northwest Region
- U.S. Fish and Wildlife Service, Washington Fish and Wildlife Office
- U.S. Environmental Protection Agency, Region 10*
- U.S. Department of the Interior, Office of Environmental Policy and Compliance, Pacific Northwest Region

State Agencies

- Washington State Department of Archaeology and Historic Preservation*
- Washington State Department of Natural Resources
- Washington State Department of Ecology
- Washington Department of Fish and Wildlife*
- Washington State Department of Transportation*
- Washington State Recreation and Conservation Office

Regional and Local Agencies

- City of Federal Way*
- City of Fife*
- City of Kent
- City of Milton
- City of Tacoma*
- City of Auburn
- City of University Place
- King County Department of Development and Environmental Services
- King County Metro Transit
- King County Council
- King County Department of Natural Resources and Parks
- Northwest Seaport Alliance*
- Pierce County
- Pierce Transit*
- Port of Tacoma
- Puget Sound Clean Air Agency
- Puget Sound Regional Council

3.2 Community Open Houses and Listening Session

Sound Transit hosted three community open houses (public meetings) and one targeted listening session to inform and obtain input from the public. More than 200 people attended these events:

- **Open house at Fife Community Center**
  April 16, 2019, 6:00–8:00 p.m.
  2111 54th Avenue E, Fife, WA 98424
- **Open house at Greater Tacoma Convention Center**
  April 17, 2019, 6:00–8:00 p.m.
  1500 Commerce Street, Tacoma, WA 98402
- **Open house at Federal Way Performing Arts and Event Center**
  April 23, 2019, 6:00–8:00 p.m.
  31510 Pete von Reichbauer Way S, Federal Way, WA 98003
- **Listening session at Eastside Community Center**
  May 2, 2019, 6:30–8:30 p.m.
  1721 E 56th Street, Tacoma, WA 98404

The listening session was an additional event added to the scoping and outreach program to provide further opportunities for members of the East Tacoma community. The event, which had translators available, allowed community members to discuss their views on the neighborhood that will be served by the new East Tacoma Station, and to provide comments on the Level 2 alternatives. See **Appendix G,** East Tacoma Listening Session Summary.

All public meetings were held at locations accessible to persons with disabilities. Alternative formats and translation services were available by contacting:

- Alternative formats: 1-800-201-4900
- Translation services: 1-800-823-9230
- Persons who are deaf or hearing-impaired: TTY Relay 711
- Email: accessibility@soundtransit.org

3.2.1 Open House Notification

Sound Transit advertised the community open houses through a variety of methods including:

- Postcards to over 67,460 households and businesses, including both owners and renters
- Online and print advertisements in 13 publications (listed in **Table 1**)
- Posters at 151 locations in the corridor
- One news release and three email update notices
- Social media posts
- Project website

Table 1 Online and Print Display Advertisements

Publication	Format and Run Dates
El Siete Dias (translated)	Print: April 1–30 Online: April 1–30
Federal Way Mirror	Print: April 12 and 19 Online: April 1–May1
International Examiner	Print: April 10–23 Online: April 5–26
Korea Daily (translated)	Print: April 16 and 20
Korean Times Seattle (translated)	Print: April 12 and 19
Northwest Military	Online: April 1–30
Northwest Vietnamese News (translated)	Print: April 5, 12, 19 Online: April 5–26
The Seattle Times	Print: April 14 and 21 Online: April 3–24
South Sound Biz	Online: April 1, 3, 4, 8, 10, 11, 15, 17, 18, 19, 22, 23
Tacoma News Tribune	Print: April 15 and 22 Online: April 5–26
Tacoma Weekly	Print: April 14 and 21 Online: April 12–26
Tu Decides (translated)	Online: April 12 and 19
Weekly Volcano	Print: April 4–17

3.2.2 Open House and Listening Session Format

The open houses presented the project Purpose and Need statement, the latest route and station options, and process/timeline. The listening session in East Tacoma presented the project background and primarily presented information about the East Tacoma and Tacoma Dome station areas. A summary of the East Tacoma listening session is provided in **Appendix G,** East Tacoma Listening Session Summary.

Laptops were set up at the venues for attendees to review the online open house materials and submit comments. Sound Transit project staff were available to answer questions. A court reporter was present to transcribe attendees' verbal comments.

3.3 Outreach to Minority, Low-Income, and Limited-English-Proficiency Populations

Sound Transit's community engagement procedures, Executive Order 12898, U.S. Department of Transportation Order 5610.2(a), and Federal Transit Administration Circular C 4703.1 require Sound Transit to provide meaningful opportunities for minority, low-income, and limited-English-proficiency groups to engage in the planning process. Title VI of the Civil Rights Act of 1964 prohibits discrimination based on race, color, or national origin. These directives make environmental justice a part of the decision-making process by identifying and addressing disproportionately high and adverse human health and environmental effects of Sound Transit's programs, policies, and activities on minority and low-income populations. Sound Transit conducted a preliminary demographic analysis to identify minority, low-income, and limited English proficiency populations. Based on this analysis, Sound Transit used the following strategies to engage these populations during scoping:

- Provided translated text on posters in Spanish, Vietnamese, and Korean
- Provided translated meeting handouts in Spanish, Korean, Vietnamese, Khmer, and Russian
- Publicized events online and in print with language-specific media publications
- Provided tactile interpreters at the Tacoma open house and Spanish, Cambodian, and Vietnamese interpreters at the East Tacoma listening session
- Provided translated text on the online open house web pages, as well as the embedded Google Translate tool that can translate text into over 100 languages
- Conducted a listening session in East Tacoma to more directly engage people at a community center in an area with a high proportion of people of color, people who are economically disadvantaged, and people who speak languages other than English

As the project moves forward, Sound Transit will conduct additional interviews with community leaders, jurisdictions, and social service providers to seek input and identify additional ways to reach low-income, minority, and limited-English-proficiency populations.

3.4 Online Open House

An online open house was available at tdlink.participate.online during the scoping period to inform the public about the project and provide an opportunity to give feedback. All content presented at the open house was posted on the online open house (**Exhibit 3**). A video embedded on the home page explained the route and station refinement process, offering English audio as well as English subtitles for hearing-impaired users. The subtitles were translated to multiple languages including Khmer, Korean, Russian, Spanish, and Vietnamese.

Between April 1 and May 1, 2019, over 3,100 unique visitors accessed the online open house over 3,900 times in total. Visitors were given the opportunity to comment on the project's Purpose and Need statement, topics to study in the environmental review phase for the Draft EIS, and respond to a questionnaire on the latest route and station options.

Users could offer generalized comments about the project or indicate specific routes and stations they wanted to comment on.

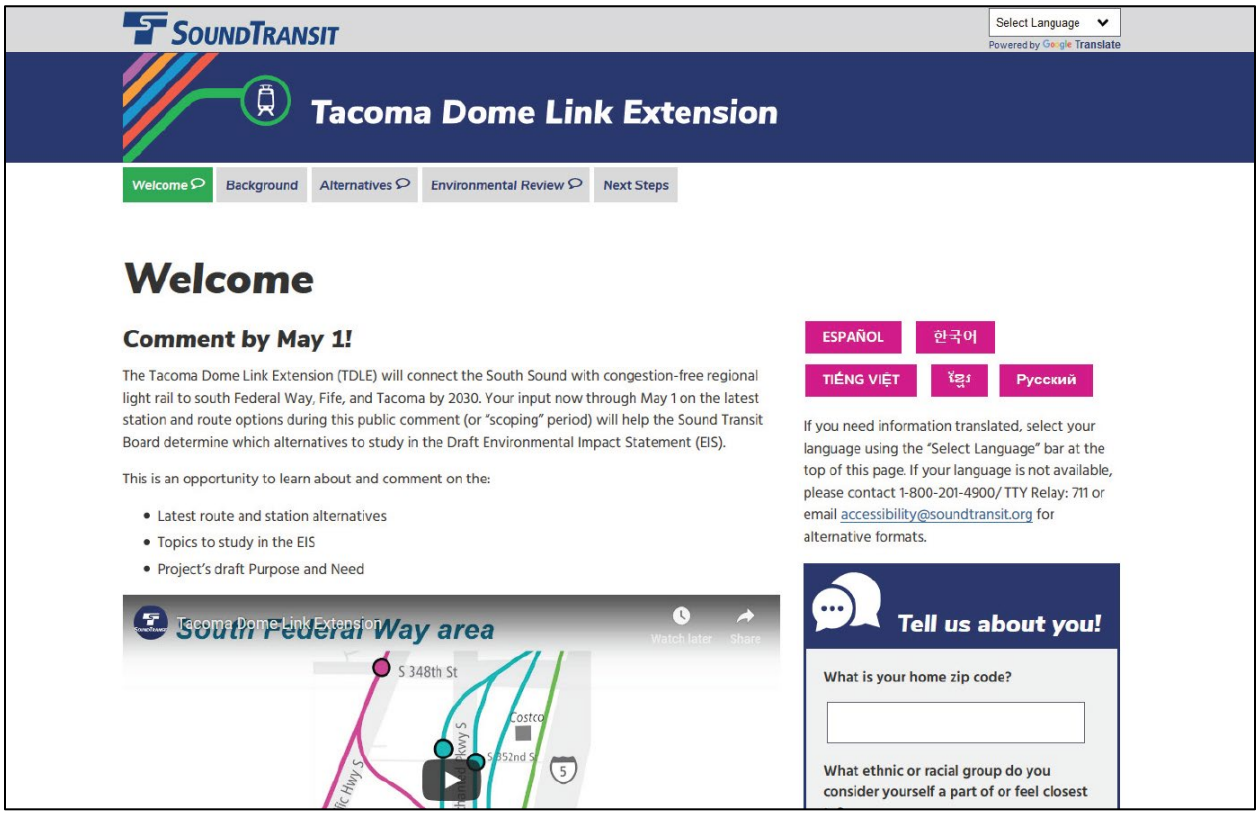

Exhibit 3 Online Open House Screen

4 SUMMARY OF COMMENTS

This section summarizes the comments Sound Transit received during scoping. **Appendix D**, Scoping Comments from Tribes and Agencies, includes the full letters received from each entity. Correspondence from businesses, commissions, and community groups is included in **Appendix E**. **Appendix F**, Public Scoping Comments, includes all of the other public emails, letters, comment forms, online notes, and information received.

Sound Transit asked for input on the:

- Draft Purpose and Need
- Route and station options (alternatives) to consider in the Draft EIS
- Topics to study in the Draft EIS

Sound Transit received a total of 654 communications during the scoping period, 519 of which were received through the online open house. Sound Transit received 135 communications through other comment opportunities, including 28 emails, 2 voicemail messages, 39 mailed letters, 60 written comment forms, and 6 statements recorded with a court reporter. One of the letters included a petition signed by nearly 500 people.

Exhibits 4 through 6 show the alternatives considered during scoping and are included at the end of this chapter for reference.

4.1 Summary of Comments from Tribes and Agencies

Scoping comment letters were received from one tribal government and 13 agencies. In addition, the U.S. Bureau of Reclamation responded that they had no comments. The following tribes and agencies submitted comments during the scoping period:

Tribes

- Puyallup Tribe of Indians

Federal Agencies

- U.S. Environmental Protection Agency

State Agencies

- Washington State Department of Archaeology and Historic Preservation
- Washington State Department of Ecology
- Washington State Department of Natural Resources
- Washington State Department of Transportation

Regional and Local Agencies

- Port of Tacoma and Northwest Seaport Alliance
- Puget Sound Regional Council
- King County, Metro Transit Division
- Pierce Transit
- City of Federal Way, Directors of Public Works and Community Development
- City of Fife, Mayor
- City of Fife, Directors of Public Works and Community Development
- City of Tacoma

The comment themes are summarized by entity in Sections 4.1.1 through 4.1.4.

4.1.1 Tribes

Puyallup Tribe of Indians

The Tribe submitted comments describing their position on several station locations, crossings, and alignment configurations.

South Federal Way

- State Route (SR) 99 alignment: An SR 99 alignment would pose a multitude of property impacts to tribal trust members.
- Interstate 5 (I-5) alignment: The Tribe prefers this alignment because there are fewer impacts to tribal property along I-5. While potential cultural resource impacts exist near the St. George property, the impacts can be properly addressed (minimized or avoided) through consultation with the Tribe's Historic Preservation Department.
- SR 167 project: It is important for Sound Transit and the Washington State Department of Transportation (WSDOT) to work collaboratively with the Tribe to ensure that efforts to enhance Hylebos Creek are not conflicted by the two projects.

Fife

- The Tribe recognizes the City of Fife's plans and supports the Fife 3A and 3B station locations in order to capture potential riders traveling to Tribal enterprises.
- West of the station, the Tribe supports continued study for alignments along the south side of SR 99 and along the north side of the I-5 right-of-way. The Tribe recognizes Sound Transit will likely need an easement on the Integrative Medicine Building property.
- The Tribe is opposed to an alignment along the north side of SR 99 between 46th Avenue E and Alexander Avenue, as this path would significantly impact Tribal facilities, businesses, residences, and trust lands.

Puyallup River Crossing

- The Tribal Council is pleased that multiple options to span the Puyallup River, including a clear span, are being explored. If any in-water piling options are pursued, strong mitigation measures to prevent impacts to the Tribal Fishery must be explored as part of the EIS process.
- The Tribe is pleased that the pre-scoping process eliminated alignments that would impact the Tribe's Ceremonial Grounds.

East Tacoma

- The Tribe supports the ET 3A and ET 3B station locations as part of the preferred alternative, with ET 6 being an important station location to study in the EIS.
- ET 1 and ET 2 are not supportive of ridership and connectivity, and ET 5 would impact individual member trust lands.
- The Tribe is interested in future consideration for Sound Transit parking facilities for the East Tacoma station area.

Tacoma

- The Tribe prefers alternatives TD 2 and TD 3 for continued study.
- The TD 4 East Off-Street alternative should be removed from further study.
- The TD 4 East In-Street alternative is undesirable but warrants further study in a nearby location that does not impact the frontage of Tribe property.
- The TD 4 West and TD 1 alternatives are poor location choices due to congestion impacts on East D Street and the distance in connecting to other transit options.
- The Tribe is deeply concerned with the possibility of tunneling in the Tacoma Dome station area because of the high probability of cultural and human remains in the area. An underground station would expose the project to potential catastrophic risks that could end up being immitigable and prevent completion of the project.

4.1.2 Federal Agencies

U.S. Environmental Protection Agency

The U.S. Environmental Protection Agency (EPA) listed the subjects (as identified in the Federal Register and on the project website) that are likely areas of investigation for possible adverse effects and should be addressed in a NEPA analysis.

EPA recommends that the EIS include a reasonable range of alternatives that meet the stated purpose and need, meet the goals and objectives, and respond to issues identified during the scoping process. EPA stated that situations can arise in which adverse impacts occur despite regulations being met and provided an example of this regarding air toxics.

Additionally, EPA pointed out that the alternatives do not currently appear to overlap with Superfund sites; however, the question of overlap with hazardous materials sites that have undergone active remediation or overlap with habitat mitigation sites associated with active remediation should be assessed and addressed in the EIS.

EPA also provided specific recommendations for the aquatic resource analysis and guidance associated with the Clean Water Act, and further stated that the EIS should disclose whether air toxics emissions would result from the project construction or operations, discuss health effects associated with air toxics and diesel particulate matter, and identify sensitive receptors.

EPA's recommendations for the route selection and project design include:

- Protect and enhance natural areas and corridors
- Maximize the use of existing infrastructure
- Consider redevelopment
- Apply context sensitive design
- Apply zero- or low-impact development
- Apply green building and management practices

EPA further recommends conducting community impact assessments for the communities and neighborhoods that would potentially be most affected by the proposed project.

For environmental justice, EPA recommends that outreach include tribes, minority and low-income communities, and other vulnerable populations, as well as the use of EJSCREEN. An analysis of impacts to children's health and safety should be included. Information gathered from the public participation process should be factored into decision-making and disclosed in the EIS.

Finally, EPA stated that the project evaluation should consider cumulative and indirect impacts and provided information about their guidance for consideration of cumulative impacts. EPA also mentioned tribal consultation, invasive species, and climate adaption.

4.1.3 State Agencies

Washington State Department of Archaeology and Historic Preservation

The Washington State Department of Archaeology and Historic Preservation (DAHP) provided the following comments:

- Archaeological Resources: DAHP did not identify major concerns but anticipated the Hylebos Creek drainage and the Puyallup River crossing areas would be "high probability areas" for containing archaeological resources. DAHP expects that if the track is elevated in the Tacoma area, locations where deep foundations are needed will need to be investigated. A geotechnical boring program is presumed.

- Historic Resources: DAHP believes several historic properties will be identified along the Old Pacific Highway/Pacific Highway E that are not currently in the Washington

Information System for Architectural and Archaeological Records Data (WISAARD). Effects may be avoided or minimized through the way the project would be incorporated into the existing transportation network, or by selecting an alternative that does not extend along Pacific Highway.

Washington State Department of Ecology

The Washington State Department of Ecology (Ecology) provided the following comments:

- Air Quality and Climate Change: The EIS should address the greenhouse gas emissions of the project itself, including management of climate resilience strategies.
- Water Quality: Erosion control measures must be in place prior to any clearing, grading, or construction. These control measures must be effective to prevent stormwater runoff from carrying soil and other pollutants into surface water or storm drains that lead to waters of the state.
- Ecology also provided details about construction activities that require a Construction Stormwater General Permit.

Washington State Department of Natural Resources

The Washington State Department of Natural Resources (DNR) stated that at this time, the proposal does not impact aquatic lands owned by the state of Washington and managed by DNR; therefore, no approval from DNR is required for the proposed activity.

Washington State Department of Transportation

WSDOT fully supports the Purpose and Need statement and encouraged the TDLE project to continue working with local jurisdictions to develop safe and direct active transportation (e.g., walking and bicycling) access to future light rail stations and to encourage transit oriented development (TOD) in station areas.

As the TDLE project team refines the alignment options that will be analyzed in the EIS process, WSDOT looks forward to continued collaboration and the production of an updated Compatibility Report. Other areas of coordination that WSDOT expects to be addressed in the EIS include:

- Existing noise walls within WSDOT right-of-way
- Resource Conservation Areas
- Federal court injunction fish passage sites

WSDOT made the following statements about specific alignment and station options:

- **South Federal Way:** SF 8 and SF 9 have lower potential property impacts but limited walkshed and TOD potential. Sites SF 2 West, SF 4C and SF 4D all have greater TOD potential as well as better multimodal access.
- **Fife:** All station options support the City of Fife's proposed redevelopment. WSDOT encourages Sound Transit to work with the City to ensure suitable pedestrian access.

Sound Transit will be required to perform soil analysis to verify conditions for the project and redevelopment, and address potential climate change impacts to low-lying areas. As the project heads west of the station to the Puyallup River, no I-5 or SR 99 right-of-way is available to accommodate the light rail guideway; therefore, private or tribal property will be needed.

- **East Tacoma:** Sound Transit should continue to work with WSDOT and the City of Tacoma to address the current poor pedestrian environment along Portland Avenue under I-5. The station options that are closer to I-5 (ET 3A, ET 3B, and ET 5) have a shorter distance to destinations on the south side of I-5.
- **Tacoma Dome:** The Tacoma Dome potential station locations are all outside of I-5 or any other state right-of-way; therefore, WSDOT has no comments on possible right-of-way impacts. WSDOT encourages the TDLE project to optimize transfer opportunities. TD 2 is the best site for addressing the multimodal access and transfer opportunities at this location.

4.1.4 Regional and Local Agencies

Port of Tacoma and Northwest Seaport Alliance

The Port of Tacoma (Port) and Northwest Seaport Alliance (NWSA) stated that they generally support the Purpose and Need statement. They proposed amending one of the statement's bullets and adding a new bullet to recognize the uses within the Port of Tacoma Manufacturing/Industrial Center and freight infrastructure.

The Port and NWSA provided several comments on the potential alternatives, including:

- **Fife Station:** The agencies remain concerned that traffic related to the station locations (Fife 1, 3 and 4) has the potential to affect overall traffic congestion and freight mobility in the area. The EIS should evaluate freight effects along a corridor, not just a single intersection level, and include other relevant intersections in the analysis.
- **Puyallup River Crossing:** The EIS should evaluate the potential impact of the different crossing locations on both existing and future freight rail infrastructure.
- **East Tacoma Station:** The EIS must assess freight impacts and the effect of the remaining station locations on freight mobility in the corridor, and the potential for increased pressure for development that is not compatible with heavy industrial land uses on the north side of Puyallup Avenue.

The Port and NWSA also provided comments on the elements of the environment and topics to analyze in the EIS. Comments on these elements (transportation, land use, economy, public services, safety and security, and cumulative impacts), relate to the Port and NWSA's objective and their support for an integrated and robust transportation system that maintains Puget Sound's economic competitiveness and sustainability.

Puget Sound Regional Council

PSRC asked for the 2018 Regional Transportation Plan to be mentioned in the Purpose and Need statement. The letter also encouraged Sound Transit to continue to analyze displacement risk and include mitigation measures in the EIS to ensure all people can continue to live in and have access to thriving transit communities. PSRC's regional displacement risk analysis may provide additional information and data for future study in the EIS.

PSRC also recommended that TOD be explicitly called out as a topic to be addressed in the EIS and suggested that Sound Transit continue to include robust TOD analysis as a component of the EIS, similar to the work completed for the Federal Way Link Extension. As part of the TOD analysis, PSRC also suggested that the subject of door-to-door travel time would enrich the discussion of TOD potential in the EIS.

King County Metro Transit

King County Metro Transit (Metro) stated that their top three issues and needs concerning the project are as follows:

- Maintaining reliable and efficient service will be essential to providing mobility throughout this area of the county, especially to priority populations.
- If stations are located in the vicinity of I-5 and the associated alternative alignments, it will likely be more difficult for Metro to maintain reliable and efficient service and optimize rail/bus transfers than if stations are located further to the west.
- Metro's preferred South Federal Way station location is in the vicinity of the Metro-owned South Federal Way Park-and-Ride. The SF 4 alternative is located in proximity to this park-and-ride, which is currently underutilized and provides opportunities for adequate project parking capacity (over 500 parking spaces) and/or TOD. Further, this site offers the best conditions for reliable connections to transit for Metro's shared customers, as well as greater opportunity for mixed-use development and transit partnerships.

During the scoping period, Metro planning staff considered the EIS Scoping Information Report, which identifies the draft Purpose and Need statement and contains several objective statements, in their review of the station locations. Based on the station locations presented as alternatives with greater potential, Metro would prefer SF 2 West (West Enchanted/352nd). However, Metro would most prefer any of the SF 4 alternatives over the three alternatives identified in the Level 2 evaluation. The alternatives SF 8 and SF 9 would have the greatest impact to efficient Metro service, offer the least potential for TOD, and rank the lowest in terms of multimodal connections. The SF 4 options, because of the proposed location of the SF 4 station, are better able to meet regional mobility needs and have the greatest potential for ridership expansion at the South Federal Way station.

Pierce Transit

Pierce Transit made comments relevant to all stations. Specifically, they requested incorporating layover space in station design and highlighted the importance of TOD in decision-making for station locations. They also commented specifically on each station area,

ranking alternatives in order of preference according to transit integration and maximization of nonmotorized access.

- South Federal Way – SF 4; SF 2 East/West and SF 3; SF 8 and SF 9
- Fife – Fife 4A/B; Fife 3A/B; Fife 1
- East Tacoma – ET 3A/B; ET 5; ET 2; ET 1 and ET 6
- Tacoma Dome – TD 2; TD 3; TD 1; TD 4 East/West

Pierce Transit also recommended that Sound Transit focus on safe and efficient nonmotorized access to the East Tacoma station to maximize ridership because current plans do not include a parking structure.

City of Federal Way (Public Works Director and Community Development Director)

The City of Federal Way Public Works and Community Development directors provided technical comments on the alternatives in the South Federal Way station area. The City directors made several general comments that applied to all alternatives in the station area, which were primarily transportation-related, and also made comments specific to each alternative.

They wrote that increased traffic congestion in the immediate vicinity of the proposed station may require roadway improvements or new roadway connections, including areas of concern along S 348th Street, S 352nd Street, S 356th Street, Pacific Highway S, and SR 161. Additionally, nonmotorized access improvements may be required to address gaps in the pedestrian and bicycle network surrounding the proposed station, which would improve access to the existing South Federal Way Park-and-Ride.

The directors wrote that all station alternatives may have challenges with bus transit services, including street network access points and queuing accommodation. They recommended evaluating structural impacts to existing pavement if transit were to be rerouted on roadways that were not designed for transit vehicles. The comments also suggested that the proposed station's proximity to SR 18 and SR 161 will likely generate trips from southeast King County, northeast Pierce County, and northeast Tacoma, all of which have minimal transit services. Therefore, they conclude that most trips will take place via single occupant vehicles, which will increase the likelihood of illegal parking in surrounding retail parking lots due to minimal on-street parking within a quarter-mile of all station locations.

The City directors asked Sound Transit to coordinate with the City and other relevant agencies regarding potential impacts to City transportation projects, including the City Center Access project, the S 324th Street Extension project, the I-5/SR 18/SR 161 Triangle project (taking place from 2025 to 2027), and other current and planned projects within City limits.

Additional comments included the following:

- The directors mentioned extensive coordination between the City and Belmor Mobile Home Park regarding recent redevelopment and a submitted comprehensive plan

amendment. They asked that Sound Transit coordinate with the mobile home park regarding the project's potential impacts to future development.

- The directors noted that the Federal Way Police Department (FWPD) expects an increase in emergency calls as a result of the project, and that impacts to police operations should be evaluated in the EIS. They also suggested that Sound Transit consider a joint security substation in the vicinity of the South Federal Way station.
- The directors requested a financial analysis of property acquisition associated with each alternative and the resulting impacts to business and property tax revenue.

Comments specific to the South Federal Way alternatives included the following:

- SF 2 West and SF 2 East:
    - When comparing the two SF 2 alternatives, SF 2 West would have fewer impacts to existing businesses and infrastructure improvements, fewer barriers to nonmotorized access from the west of Enchanted Parkway, and more benefits associated with a location north of S 352nd Street, including multimodal station access, reduced traffic congestion, and high TOD potential.
    - The directors requested that the EIS include evaluation of wetland and stream impacts to the East Fork of Hylebos Creek for both SF 2 West and SF 2 East, and noted that any mitigation must be completed within City limits in the Hylebos watershed.
- SF 3:
    - Comments noted that SF 3 would be similar to alternatives SF 8 and SF 9, although impacts to businesses would be greater and costs would be higher.
- SF 4A through SF 4D:
    - The Pacific Highway alignment north of the proposed SF 4 station is unpopular with City staff and elected officials due to completed roadway improvements along the highway that cost a considerable amount of time and money. Also, this alignment would require additional right-of-way acquisition, which would fragment parcels and curtail business development along the highway.
    - The Pacific Highway alignment south of the proposed SF 4 station would result in substantial impacts to critical areas. The directors requested that the EIS include evaluation of wetland and stream impacts to the West Fork of Hylebos Creek resulting from this alignment, and noted that any mitigation must be completed within City limits in the Hylebos watershed.
    - The SF 4 station would be located closer to residential, office, and medical land uses along Pacific Highway S, and this area is better served by buses only, without the added congestion at the S 348th Street intersection that would result from the addition of the station. Additionally, the SF 4 station is within a critical aquifer recharge area and a wellhead capture zone. The EIS should include a

discussion of wellhead monitoring, mitigation, and other foreseeable environmental impacts.

- SF 8 and SF 9:
    - The directors asked that the EIS evaluate the need for a pedestrian bridge over I-5 and noted that the TOD potential for SF 8 and SF 9 is lower than that of stations SF 2 West and SF 4. They also noted that SF 8 and SF 9 would straddle parts of the I-5/SR 18/SR 161 Triangle project at S 356th Street, including the I-5 southbound off-ramp and a two-lane roundabout.

City of Fife (Mayor and City Council)

The City of Fife strongly favors Fife 3B as the preferred alternative and Pacific Highway as the preferred alignment. For the EIS, the City requested a detailed financial analysis of property impacts for the area extending between 54th Avenue E and Port of Tacoma Road. Additionally, the City directed the Fife Community Development Director and Public Works Director to submit a separate and more detailed scoping letter.

City of Fife (Public Works Director and Community Development Director)

As directed by the City Council, the directors of Public Works and Community Development submitted detailed comments for the Fife station area and light rail alignment.

Station area:

- The City of Fife favors Fife 3B as the preferred alternative because it is the most consistent with the comprehensive plan and transportation infrastructure plans, whereas Fife 1 and Fife 4 are less consistent with these plans.
- The directors requested several design modifications such as shifting the station west to span the new street, maintaining an east-west alignment east of 54th Street, and curving the alignment southwest of the commercial center where the Poodle Dog restaurant is located.
- Additional requests included a parking demand analysis, improvements to alternate modes of travel, identification of nonmotorized connections, and use of low-impact development best management practices.

Alignment:

- Between the Fife/Milton city limits and the Fife station:
    - The directors requested an archaeological analysis of cultural resources in consultation with the Tribe, an analysis of critical areas pursuant to Fife Municipal Code Title 17, and a viewshed analysis for residences in proximity to Pacific Highway and SR 167.
    - They also requested that Sound Transit identify locations for stormwater treatment, construction staging sites, station access street improvements, and short-term construction impacts, and asked that the alignment avoid impacts to a planned frontage road along the new Gateway freeway.

- Between the Fife station and the Puyallup River:
    - The City favors the Pacific Highway alignment because it preserves the opportunity for an additional station, allows for more nonmotorized connections, and increases redevelopment potential post-construction. The alignment should then transition from Pacific Highway to I-5 at the Port of Tacoma interchange to avoid impacts to commercial properties.
    - The City also stated that the I-5 alignment is not preferable because of visual impacts, environmental justice concerns, impacts as a result of property acquisition, and conflicts with potential and planned improvements to I-5.

The City directors requested an additional property impact analysis for the area between 54th Avenue E and Port of Tacoma Road. The directors would prefer that the 4-mile segment in Fife be split into smaller sections, specifically to more accurately compare alternatives Fife 3A and Fife 3B. According to the directors, the analysis should include the original evaluation matrix in addition to short- and long-term construction impacts to businesses, impacts to property and sales taxes, and impacts to emissions, viewsheds, and utilities.

City of Tacoma

The City Council expects to take legislative action in late May or early June 2019 to provide recommendations on station options and comments on what should be studied in the EIS process. In its letter, the City of Tacoma stated a set of core values that it had defined for the TDLE project to maximize its potential to connect Tacoma to the Puget Sound region and meet other goals of the City. These core values include:

- Destination City – Tacoma is the second-largest city in the Puget Sound region and is responsible for absorbing a major share of the population and employment growth in the region. The TDLE project should develop a sense of “place” in Tacoma.
- Equity – The City supports equitable access to transit and improved access to job centers, consumer amenities, and public services, and wants to ensure that the TDLE project benefits the diverse populations in the community.
- Economic Development – The City is a Regional Growth Center and values light rail as a catalyst for economic development throughout the region.
- Connections – The TDLE project must be consistent with the Tacoma Master Plan and the One Tacoma comprehensive plan, which aim to offer multimodal travel options that provide safe access to users, encourage healthy living, and protect the environment.
- Urban Fabric – Transit is more than transportation; it integrates housing, jobs, entertainment, recreation, services, and other aspects of life. The TDLE project must balance the needs for efficient, convenient transit while supporting dense TOD in an already developed urban area. The City requested that “cut-and-cover tunnel” and “over the Sounder” alternatives be considered for their ability to support the urban fabric of the Tacoma Dome District.
- Multi-Jurisdictional Partnership – The City is committed to collaboration with Sound Transit and other jurisdictions and agencies involved in the TDLE project, including the

Puyallup Tribe. Additionally, the City encourages continued coordination between Sound Transit and the multi-jurisdictional partnership that is creating a subarea plan for the Tideflats area.

The City provided comments about the project's environmental review and design, asking for more in-depth analysis in several areas:

- Safety – The City requested that transportation safety be included as an evaluation criterion. It also requested that the Draft EIS describe roadway improvements to enhance safety and analyze the potential for increased crime.
- Equitable Access – The City requested more in-depth analysis of impacts to equitable station access for all residents, employees, and visitors, including East Tacoma, which is surrounded by infrastructure barriers.
- Development Potential – The City requested evaluation of factors that ensure the project maximizes economic development, especially TOD, and avoids impacts to future development, including maintenance and safety concerns. They also wrote that the environmental review process must include examination of regional transportation and land use policies and plans.
- Visual, Noise, and Urban Design – The City requested analysis of visual and urban design impacts (including for planned development), the use and quality of open space, the potential to divide neighborhoods and limit roadway operations, and impacts associated with noise and air pollution.
- Archaeological and Cultural Elements – The City requested an in-depth analysis of known and potential cultural, archaeological, and historical elements.
- Street Networks – The City noted several opportunities to reconfigure the street network surrounding the East Tacoma station to enhance safety and access to the station. The City also requested an analysis of traffic flow on Portland Avenue, including impacts to freight and nonmotorized transportation, and an evaluation of connection methods between the East Tacoma station and the community south of I-5.
- Multimodal Connections – The City highlighted the importance of multimodal connections during alternatives evaluation and requested an analysis of traffic circulation in the station areas that discusses both existing and future transportation needs.
- Pedestrian and Bicycle Connections – The City highlighted the importance of pedestrian access in its planning documents and requested more detailed analysis of pedestrian access and safety for existing and future transportation modes surrounding TDLE stations.
- Parking – The City requested that parking impacts be considered along the entire TDLE corridor, including management of parking at stations without new parking garages.
- The City provided additional comments regarding construction and operation impacts, including impacts to existing transit services at the Tacoma Dome Station. The City also

commented on future extensions and project delivery, and asked for the EIS to address potential impacts to existing infrastructure.

Three City of Tacoma commissions submitted scoping comments: the Planning Commission, the Sustainable Tacoma Commission, and the Transportation Commission. Statements from these letters are summarized in Section 4.2.4 East Tacoma and Section 4.2.5 Tacoma Dome, under impacted businesses and community groups.

4.2 Summary of Public Comments

During the scoping period, 289 communications were submitted by organizations, businesses, and members of the general public. Of these communications, 40 were submitted by potentially impacted businesses and approximately 15 were submitted by organizations or community groups, including a church with a petition signed by nearly 500 people. Multiple comments were made within many of these communications.

The full set of public communications received during scoping are included in **Appendix E**, Scoping Comments from Businesses, Commissions, and Community Groups, and **Appendix F**, Public Scoping Comments.

Questionnaire

Comment forms, available online and as hard copies at the open houses, included a questionnaire for people to mark their interest in route and station alternatives. Sound Transit received 387 responses from online and hard copy comment forms. **Appendix H** contains the detailed questionnaire results.

4.2.1 General or Project-wide Comments

The most common general themes contained in the public comments were the following:

General Project Comments

These comments were mostly related to project design, budget and funding, community outreach, project schedule, and the overall screening process.

- Project design – About 60 comments were related to design, including design modifications to the alternative alignments and stations, potential I-5 overcrossings, and potential site-specific design modifications.
- Budget/funding – About 30 comments were related to TDLE and general ST3 funding, including taxes, car tabs, and a desire to keep the TDLE within budget.
- Community outreach – About 35 comments were related to community outreach, focusing on a desire to see members of the impacted communities represented in outreach efforts and partnerships with government agencies and community groups involved in completion of the project.
- Project schedule – About 15 comments mentioned the TDLE project schedule, indicating a desire for the project to be completed on schedule.

- Screening process and environmental concerns: About 70 comments indicated thoughts about the project's screening process and related environmental issues that should be studied in more detail in the EIS. The topics included impacts to and benefits for environmental justice populations, impacts to businesses, transportation impacts (multimodal connections, general/freight traffic impacts, and station access), TOD and redevelopment opportunities, and impacts to environmentally critical areas.

Additionally, some comments were made regarding other station areas that indicated design modifications or new alternative ideas that would potentially locate the TDLE alignment entirely within or directly adjacent to the I-5 right-of-way.

Purpose and Need Statement

About 10 comments on the EIS Purpose and Need statement were received from agencies, community groups, and the general public. Comments received from agencies included (also summarized in Section 4.1):

- EPA recommended the EIS include a reasonable range of alternatives that meets the stated Purpose and Need.
- WSDOT commented that they fully support the Purpose and Need statement.
- The Port of Tacoma/NWSA suggested revising draft Purpose and Need statement to include manufacturing and freight infrastructure.
- PSRC asked that the 2018 Regional Transportation Plan be mentioned in the Purpose and Need statement.

Transportation Choices Coalition suggested incorporating health and safety into the Purpose and Need statement. Other comments from the public included encouraging more specific wording on sustainability, environmental justice, and economic impacts.

Alternative Preferences

About 200 comment statements were in support of a specific alignment or station alternative, spread throughout the four station areas. Approximately 125 comments were opposed to a specific alignment or station alternative. The preferences are described by segment in Sections 4.2.2 through 4.2.5.

Other Alternatives

About 55 comment statements proposed new alternatives and station configurations, which largely centered on the Tacoma Dome station area. About 35 of these comments suggested an underground Tacoma Dome alignment and station, with 15 comments specifically asking for more study of a cut-and-cover tunnel alternative. About 5 comments mentioned a potential alignment and station over the existing Sounder tracks.

Transportation and Parking Impacts

About 70 comments mentioned traffic concerns, primarily related to the project's potential impacts on congested roadways in commercial areas. Approximately 15 comment statements specifically mentioned impacts on freight transportation within Fife and Tacoma, highlighting the importance of connections between the Port of Tacoma and transportation corridors. About

80 comments highlighted concerns about parking, primarily related to whether the parking garage capacity at stations is sufficient to meet demand at stations, as well as alignment impacts on private parking lots. About 15 comments mentioned alignment impacts to private driveways or alleyways.

Multimodal Connections

Approximately 140 comment statements expressed a desire for excellent multimodal connections and transfer opportunities at station locations, highlighting connections to other transit services, station access for nonmotorized modes, specific ADA access and universal design considerations, micro-transit connections, and vehicular drop-off areas. About 105 comments specifically mentioned pedestrian station access.

Transit Oriented Development

Approximately 105 comment statements mentioned TOD or redevelopment opportunities, often as an indication of support for a particular station or alignment. About 15 comments on TOD potential within the Tacoma Dome station area expressed concern about the compatibility of an elevated structure with existing, planned, and future developments.

Future Extensions

Approximately 35 comment statements mentioned future extensions, highlighting specific extensions beyond the Tacoma Dome station such as to the Tacoma Mall. Additional comments noted the ability of the TDLE to connect to future extensions of other transit service, such as the extension of the Tacoma Link to the East Tacoma station area.

General Environmental Concerns

Approximately 35 comment statements expressed concern for environmentally critical areas. The areas of most concern were Hylebos Creek and its associated wetlands, the Puyallup River, and the tideflats of Tacoma and Fife. About 25 comments highlighted concern about potential negative construction impacts, while 20 comments mentioned impacts to fish and wildlife habitats. Additional comments related to other environmental impacts including noise/vibration, parks/open space, and energy use/utilities.

About 10 comment statements mentioned potential impacts to the light rail infrastructure due to future climate change.

Economic Impacts and Property Acquisition

Approximately 140 comment statements indicated a concern about property acquisition and associated effects on businesses and residences. About 50 comments specifically expressed concerns about the project's impacts on the local economy, primarily relating to lost tax revenue and lost jobs stemming from business displacement. Additionally, some potentially impacted businesses submitted comments concerning financial hardships that might occur if they were relocated. Approximately 95 commenters concerned about property acquisitions specifically mentioned the South Federal Way and Fife station areas.

Environmental Justice

About 40 comment statements expressed concern about potential project impacts to and benefits for environmental justice populations. Comments highlighted specific concerns about the potential for residential displacement among historically disadvantaged populations and potential displacement of minority-owned businesses. Comments also noted the potential for impacts to tribal land and water resources, as well as a desire for community members to be represented on project teams in future public outreach efforts.

Community Advocacy Groups

Four community advocacy groups submitted related letters: the Transportation Choices Coalition, Downtown On the Go, the Puyallup Watershed Initiative Active Transportation Community of Interest, and Futurewise.

The Transportation Choices Coalition is a statewide nonprofit organization that advocates for affordable, reliable, accessible, and sustainable transit. Their letter provided comments regarding station access and mobility, future transit goals, displacements, and environmental justice.

- Station Access – The letter suggested incorporating health and safety into the Purpose and Need statement and recommended more detailed analysis on station visibility, quantity and quality of light rail crossings, transit transfers and level of service, multimodal integration of nonmotorized facilities, and access mitigation during project construction.
- Future-Oriented System – The letter emphasized future light rail expansion, bus and station integration, station capacity and accessibility, and land use planning, as these topics relate to population growth and increased ridership. The letter also stressed consideration of future technology advancements and climate resilience.
- Displacements – The letter expressed concerns about disproportionate displacements of certain demographics and potential long-term economic and cultural impacts such as gentrification. It recommended that Sound Transit formulate a plan to communicate with and justly compensate hard-to-reach populations including renters, non-English speakers, and undocumented persons.
- Environmental Justice – The letter recommended a more robust analysis of environmental justice impacts by disaggregating data by race and income for all EIS disciplines, considering cumulative impacts on historically marginalized populations, using a racial equity toolkit to prioritize mitigation for these populations, and shifting demographic language in the EIS.

Downtown On the Go expressed preference for alternatives ET 3A and ET 3B in East Tacoma and alternatives TD 2 and TD 3 at Tacoma Dome. Their letter highlighted the importance of integrating the station into the existing transit system and expanding multimodal transportation options, especially pedestrian and bike connections. They recommended that the project be integrated with current and future transportation projects including the Tacoma to Puyallup Trail

Connection, the Pierce Transit Bus Rapid Transit (BRT) project, and the City of Tacoma's Puyallup Avenue Multimodal Redesign.

The Puyallup Watershed Initiative, Active Transportation Community of Interest (COI) is a community coalition whose goal is to promote safe, healthy, and affordable active transportation options for all. The COI provided comments regarding the safety of Link riders who walk, bike, and take transit to and from the stations. The COI noted that there are current barriers to safely using these modes of transportation and would like Sound Transit to invest in infrastructure improvements for safety and accessibility, especially for residents of Tacoma's Eastside neighborhood. The COI supports the Transportation Choices Coalition and their statements made about equity, displacement, and environmental justice, and hopes that these elements are included in the EIS and throughout project implementation.

Futurewise is a statewide nonprofit organization that advocates for sustainable and equitable housing, transportation, and environmental policies, and whose goal is to prevent urban sprawl. The organization echoed comments made by Downtown On the Go, the Puyallup Watershed Initiative, and the Transportation Choices Coalition including safety, access, and equity priorities. They requested more emphasis on equity in the planning process to mitigate displacement impacts, promote affordable housing near the stations, and increase transit connections to historically marginalized populations, including residents of East Tacoma.

4.2.2 South Federal Way

Route and Station Location

Over 110 comment statements were received that related to one or more specific South Federal Way station area alternatives. SF 3, SF 4B, and SF 4C received the highest number of mentions (about 35 each), with SF 2 East receiving the least (about 25). Of the comments indicating either support for or opposition to a specific alternative, SF 8, SF 9, and SF 2 West received at least 50 percent support. There was not a large difference in the number of comments supporting or opposing the alternatives in this section.

About 165 comments discussed the South Federal Way station area overall, with about 50 comments mentioning concerns about property acquisitions, about 30 mentioning traffic congestion, about 25 discussing alignment effects on TOD opportunities, and 15 mentioning alignment impacts to environmentally critical areas. Approximately 30 of the alignment-related comments in South Federal Way were made by potentially affected businesses.

Over 15 comments mentioned a preference for new alternative alignments or modifications to Level 2 alternatives in the South Federal Way station area, the majority of which focused on an alignment within the I-5 right-of-way.

Transportation

About 40 comment statements relating to the South Federal Way station area mentioned concerns about traffic and congestion impacts, focusing on existing roadway congestion along S 348th Street and Enchanted Parkway S and potential traffic impacts stemming from the TDLE. About 25 comments mentioned multimodal connections to potential station locations, highlighting concerns about nonmotorized user safety and a lack of existing safe sidewalks and

bicycle facilities, connections to existing and future transit service, and potential new crossings over I-5.

Over 25 comment statements mentioned parking and were largely focused on ensuring that future parking garage capacity at station locations can meet demand. Some of these comment statements also suggested using the existing South Federal Way Park-and-Ride operated by Metro. Additional comment statements indicated concerns about driveway and alleyway access in the South Federal Way station area.

Economic Benefits and Impacts

Approximately 25 commenters expressed interest in the potential economic, community, and TOD growth that could occur around stations. Other commenters were concerned about construction effects to access and the viability of businesses, as well as the displacement of existing business and jobs. Specific comments from businesses are described below.

Businesses and Community Groups

Several potentially impacted businesses and commercial property representatives in the South Federal Way station area submitted comments during the scoping period. Several communications were received from Ellenos Yogurt expressing opposition to alignment alternatives that would displace their business and they also had concerns regarding emergency vehicle access, truck traffic, and impacts to Hylebos Creek and its wetlands. McDonald's Real Estate Company and the business owner of the franchise restaurant in Federal Way (who also owns the potentially impacted McDonald's in Fife) expressed preference for alternatives SF 3, SF 8, and SF 9 because they would result in fewer impacts to the business, which is owned by a person of color, has employees of color, and offers entry-level jobs to people in the community. They also noted that potential impacts to the drive-through would constitute a full-take of the property.

Target provided comments regarding temporary and permanent impacts to its store and the Commons at Federal Way shopping center including visibility, parking, safety, and construction schedule, and expressed preference for alternatives that follow I-5 from the Federal Way Transit Center to the South Federal Way station. The property owners of the Commons at Federal Way also expressed preference for alternatives that follow I-5 to the South Federal Way station, which would minimize property impacts to the shopping center and its commercial tenants. Comments from the Commons also suggested design modifications to prioritize business operations and avoid impacts to traffic flow, parking, utility infrastructure, and potential future development.

The property owners of Belmor Park and Golf Course expressed preference for alternatives that would cross directly through the property towards the I-5 alignment, and requested a station to be added in the area. The letter noted their request to the City of Federal Way for a rezone of the property to allow for expanded mixed-use development and increased urban density for buildings up to 60 stories, which could be supported by the extension of light rail. The letter included illustrations of potential configurations for residential and commercial development, green spaces, multimodal transportation integration, and assumed location of the Link station directly on site.

Environmental Concerns

About 15 comment statements mentioned concerns about environmentally critical areas, the majority of which focused on potential impacts to Hylebos Creek and its associated wetlands. Approximately 5 comments discussed potential visual impacts stemming from the project, specifically mentioning impacted residential views and visual obstruction incurred by businesses.

4.2.3 Fife

Route and Station Locations

About 65 comment statements related to one or more specific Fife station area alternatives. This total included two letters related to the Korean Catholic Church in Fife with an attached petition signed by nearly 500 people expressing concerns for all of the Fife station placements and alignments that would be near the church.

Of the 65 comment statements, Fife 1 received the highest number of mentions (30), with Fife 4B receiving the least (about 25), but many of these were split between support and opposition. Of the comments indicating either support for or opposition to a specific alternative, only Fife 3A had more comments supporting than opposing.

Over 105 comments discussed the Fife station area overall, with about 45 comments mentioning concerns about property acquisitions, about 15 comments discussing potential economic impacts stemming from business displacements, and about 10 comments discussing alignment effects on TOD opportunities. Approximately 25 of the alignment-related comments in Fife were made by potentially affected businesses, and about 15 were made by agencies.

Approximately 5 comments mentioned a preference for new alternative alignments or modifications to Level 2 alternatives in the Fife station area, the majority of which focused on alignments within or adjacent to I-5 or SR 99 rights-of-way.

Transportation

About 15 comments relating to the Fife station area mentioned concerns about traffic and congestion impacts, focusing on existing roadway congestion along SR 99 and 54th Avenue E. Approximately 10 comment statements discussed potential benefits and impacts to the Port of Tacoma, with over 5 statements expressing specific concerns about potential delays to freight traffic traveling between the Port and I-5. About 10 comments focused on multimodal connections to the station, noting potential improvements to nonmotorized facilities around potential station locations and within the Fife City Center.

Over 10 comment statements mentioned parking, largely focusing on the potential to increase parking garage capacity at station locations and parking impacts to private businesses that could occur through alignment and station placement.

Economic Benefits and Impacts

Approximately 10 commenters expressed interest in the potential economic, community, and TOD growth that could occur around stations. Other commenters were concerned about

construction effects to the accessibility and viability of businesses, as well as the displacement of existing business and jobs. Specific comments from businesses are described below.

Churches, Businesses, and Community Groups

Several potentially impacted businesses and commercial property owners in the Fife station area submitted comments during the scoping period. Most of these comments expressed opposition to alternatives that would impact their businesses. The property owners for Fife Business Center, Pacific Willows Center, and PICK-QUICK Drive In preferred alternatives Fife 3A and Fife 4A because they would impact fewer businesses along Pacific Highway through Fife. Additional comments included support for the draft Purpose and Need statement, concerns regarding impacts to parking and storefront visibility, and further analysis of land acquisition costs.

Several employees of Les Schwab Tire Center submitted written comments together that expressed preference for alternatives along the south side of 15th Street (Fife 3A and Fife 4A) and opposition for those along 12th Street (Fife 1) because of impacts to businesses and traffic flow near 54th Avenue E. The McDonald's Real Estate Company and the business owner also expressed preference for alternatives more aligned with I-5 because they would have fewer impacts to the business, which is owned by a person of color (the same individual who owns the South Federal Way restaurant). They noted the potential impacts to over 100 employees, the adverse effects of changes to parking or the drive-through, and the negative effects of a possible change in location. Poulsbo RV of Fife provided comments regarding temporary and permanent impacts to the business resulting from any of the Fife alternatives, including impacts due to loss of visibility, and suggested the potential for a property swap with the City of Fife.

St. Paul Chong Hasang Parish and the Archdiocese of Seattle are opposed to all Fife alternatives, with letters identifying direct and indirect impacts to the church and its parishioners. The Parish expressed concern for impacts related to loss of property as well as noise, safety, and traffic that could disrupt the practice of faith and activities on the church property. Additionally, the Parish is concerned about impacts to clergy housing and diminished property value. Four hundred ninety-four parishioners signed the letter submitted by the St. Paul Chong Hasang Parish.

Environmental Concerns

Approximately 10 comment statements discussed environmentally critical areas within the Fife station area. Comments centered on concern about constructing light rail through Fife due to geologic hazards including the potential for soil liquefaction, tsunamis, and lahars. Other comments discussed general soil quality concerns and climate change impacts to low-lying areas.

4.2.4 East Tacoma

Route and Station Location

Over 35 comment statements were related to one or more specific East Tacoma station area alternatives. ET 3A received the highest number of mentions (over 20), with ET 1 receiving the least (about 10). Of the comments indicating either support for or opposition to a specific alternative, only ET 3A and ET 3B received at least 50 percent support.

About 100 comments discussed the East Tacoma station area overall, focusing on property acquisitions and the potential to affect tribal land and displace businesses, traffic circulation impacts within the station area and concerns about vehicular station access, the ability of a station location to foster TOD and redevelopment, and potential negative effects on environmentally critical areas.

About 5 commenters suggested this station was not needed because it would be close to the Tacoma Dome Station, or that this area would be better served by a future extension of Tacoma Link.

Transportation

About 35 comment statements mentioned multimodal station access considerations within the East Tacoma station area, largely centered on the need to improve transit service and pedestrian and bicycle connections around potential station locations and to improve connections across I-5 to the residential neighborhoods of East Tacoma. Commenters noted that the current transportation network within the station area is not conducive to nonmotorized users. Over 5 comments specifically mentioned the potential for a pedestrian bridge across I-5 and about 5 comments noted that an above-grade crossing of Portland Avenue can be incorporated into station designs. Comments also highlighted the need for Americans with Disabilities Act (ADA) access improvements within the station area.

About 15 comments focused on parking within East Tacoma, highlighting concerns about the lack of a planned parking facility at the East Tacoma station and associated impacts on parking supply and demand in the vicinity. As with the Fife station area, 5 comments expressed concerns about potential impacts to Port of Tacoma freight traffic.

Economic Benefits and Impacts

Over 15 commenters expressed interest in the potential economic, community, and TOD development growth that could occur around East Tacoma station alternatives. Approximately 5 comment statements noted potential economic impacts stemming from the TDLE, including impacts to the Port of Tacoma and related businesses, and impacts to the Puyallup River as an economic resource for the Tribe.

Commissions, Businesses, and Community Groups

Several groups including City Council-appointed commissions, nonprofit organizations, and advocacy groups submitted comments about the East Tacoma station area.

The City of Tacoma Transportation Commission provided comments regarding safe and efficient pedestrian access to and from the East Tacoma station and expressed preference for either ET 3A and ET 3B. The Transportation Commission also recommended additional nonmotorized access improvements to the station, including a potential route to cross I-5.

The City of Tacoma Planning Commission provided comments expressing their preferred station and alignment alternatives moving into the EIS. The Planning Commission expressed preference for alternatives ET 3A and ET 3B, but is concerned about station accessibility from neighborhoods south of I-5, including Lower Portland Avenue Mixed-Use Center and McKinley

Hill. The Planning Commission also provided comments regarding station parking and traffic, architectural design, surrounding zoning, and expanded multimodal connections.

The Sustainable Tacoma Commission recommended prioritizing station integration of high-capacity transit (HCT) and nonmotorized modes and evaluating the project's greenhouse gas emissions and potential impacts to the climate, as well as potential impacts to the light rail infrastructure due to future climate change. The Sustainable Tacoma Commission encouraged further study of alternatives ET 3A and ET 3B in the East Tacoma station area.

Environmental Concerns

Approximately 5 comment statements discussed environmentally critical areas within East Tacoma, primarily focusing on concern for geologic hazards including the potential for soil liquefaction, tsunamis, and lahars.

4.2.5 Tacoma Dome

Route and Station Location

About 80 comment statements related to one or more specific Tacoma Dome alternatives. TD 2 received the highest number of comments (about 45), with TD 4 West 27th Street receiving the least (about 20). Of the comments stating an opinion, over 30 expressed support for TD 2 and about 25 supported TD 3.

About 185 comments discussed the Tacoma Dome station area overall, with about 35 comments mentioning alignment effects on TOD opportunities, about 30 mentioning concerns about property acquisitions, and about 20 mentioning potential visual impacts. Several comments also mentioned the importance of being in close proximity to the Sounder Station, Tacoma Link, Amtrak, and Pierce Transit bus service to create a multimodal hub.

About 70 comments mentioned a preference for new alternatives or modifications to Level 2 alternatives in the Tacoma Dome station area, with the majority focusing on the addition of below-grade options. Approximately 35 comment statements mentioned an underground alternative in the Tacoma Dome station area, of which about 15 comments specifically mentioned a cut-and-cover alternative and about 5 mentioned including an alternative that would be constructed over the existing Sounder right-of-way. Several comments also discussed the possibility of an alignment located directly adjacent to the existing Sounder right-of-way.

Transportation

About 85 comment statements mentioned multimodal station access considerations within the Tacoma Dome station area, with the majority focusing on the desire to integrate TDLE with existing transit service within the station area, including Amtrak, Greyhound, Sounder, Tacoma Link, ST Express buses, Pierce Transit buses, and Intercity Transit buses. Commenters mentioned the hope that transfers between services would be easy to navigate, especially for those with limited mobility or those arriving to the station through nonmotorized means. Over 35 comments specifically mentioned pedestrians, highlighting the potential to create direct connections between the station and existing transit services, the Tacoma Dome, Freighthouse Square, and neighborhoods south of I-5.

About 30 comment statements mentioned parking, focusing on existing parking garage capacity, garage capacity increases, and potential parking impacts on the station area overall.

Economic Benefits and Impacts

Some public commenters expressed that there is potential for economic and community development in the Tacoma Dome area. Approximately 35 commenters stated that the alternative decisions made in this phase could expand or limit potential future opportunities and TOD. The multimodal connections to serve downtown Tacoma as an employment center and urban neighborhood are important for access to jobs. Other commenters noted concern for potential business displacements and economic impacts during construction.

Commissions, Businesses, and Community Groups

Tacoma City Council-appointed commissions, nonprofit organizations, and advocacy groups submitted comments regarding the Tacoma Dome station area.

The City of Tacoma Transportation Commission provided comments regarding safe and efficient pedestrian access to and from the Tacoma Dome station and expressed preference for TD 2 as its top choice and TD 3 as its second choice. The Transportation Commission also suggested design modifications to pedestrian routes such as limiting multiple-grade connections and vehicular conflicts and providing covered routes.

The City of Tacoma Planning Commission expressed concerns regarding the elevated station and above-grade alignment alternatives in the Tacoma Dome station area because of visual, development, and traffic impacts within the Dome District. They described a below-grade, cut-and-cover station and alignment as more appropriate for the area and strongly recommended a tunnel alternative be studied in the EIS. In addition, the Planning Commission identified the TD 4 alignment and station as a candidate for a cut-and-cover alternative. They also described an “over Sounder tracks” alternative for an elevated alignment and station. Further, they identified TD 2 for an elevated station, and they also suggested the possibility of a station between the TD 2 and TD 3 alternatives. The Planning Commission recommended consideration of future expansion, such as to the Tacoma Mall, when siting the TDLE facility. Other comments discussed station parking and architectural design, multimodal connections, property acquisition, and visual impacts.

The Sustainable Tacoma Commission recommended prioritizing station integration of HCT and nonmotorized modes and evaluating the project’s greenhouse gas emissions and potential impacts to the climate, as well as potential impacts to the light rail infrastructure due to future climate change. The Sustainable Tacoma Commission encouraged further study of alternatives TD 2 and TD 4 East In-Street in the Tacoma Dome station area.

The Dome Business District provided comments regarding the Tacoma Dome station design and expressed their opposition to an elevated station and track because it would displace residents and businesses in new mixed-use buildings. In order to be more consistent with current and future TOD planning efforts, they suggested that Sound Transit study underground, below-grade, or cut-and-cover station designs in the EIS, including an underground version of each station, or an elevated track over the existing Sounder/Amtrak tracks. The Dome Business

District also expressed concern regarding visual impacts and pedestrian safety, and requested further analysis of traffic impacts and future transportation expansion in the EIS.

The New Tacoma Neighborhood Council expressed concerns regarding the elevated tracks and station options in the Dome District and recommended adding an underground option for alternatives TD 2, TD 3, and TD 4 East In-Street for analysis in the EIS. The letter also listed several impacts due to elevated tracks that should be further studied in the EIS, including lower property values, business displacements, creation of unbuildable lots, loss of urban street vitality, and potential for increased crime.

Historic Tacoma expressed opposition to the elevated alternatives in the Tacoma Dome station area because of impacts to TOD in the Dome District. Historic Tacoma also recommended an underground station to encourage development and prevent demolition of usable buildings or historic structures.

The Foss Waterway Development Authority expressed opposition to the elevated station and alignment alternatives in the Dome District because of the detrimental impacts they would have to the neighborhood, including businesses and residents. To support future development in this area, the Foss Waterway Development Authority recommended evaluating an underground alternative in the EIS.

Environmental Concerns

A few comments related to the natural and built environment were received regarding the Tacoma Dome area. These comments related primarily to visual concerns of an elevated structure and station. Other built environment concerns included potential impacts to historic structures and air quality. The Sustainable Tacoma Commission recommended prioritizing station integration of HCT and nonmotorized modes and evaluating the project's greenhouse gas emissions and potential impacts to the climate, as well as potential impacts to the light rail infrastructure due to future climate change.

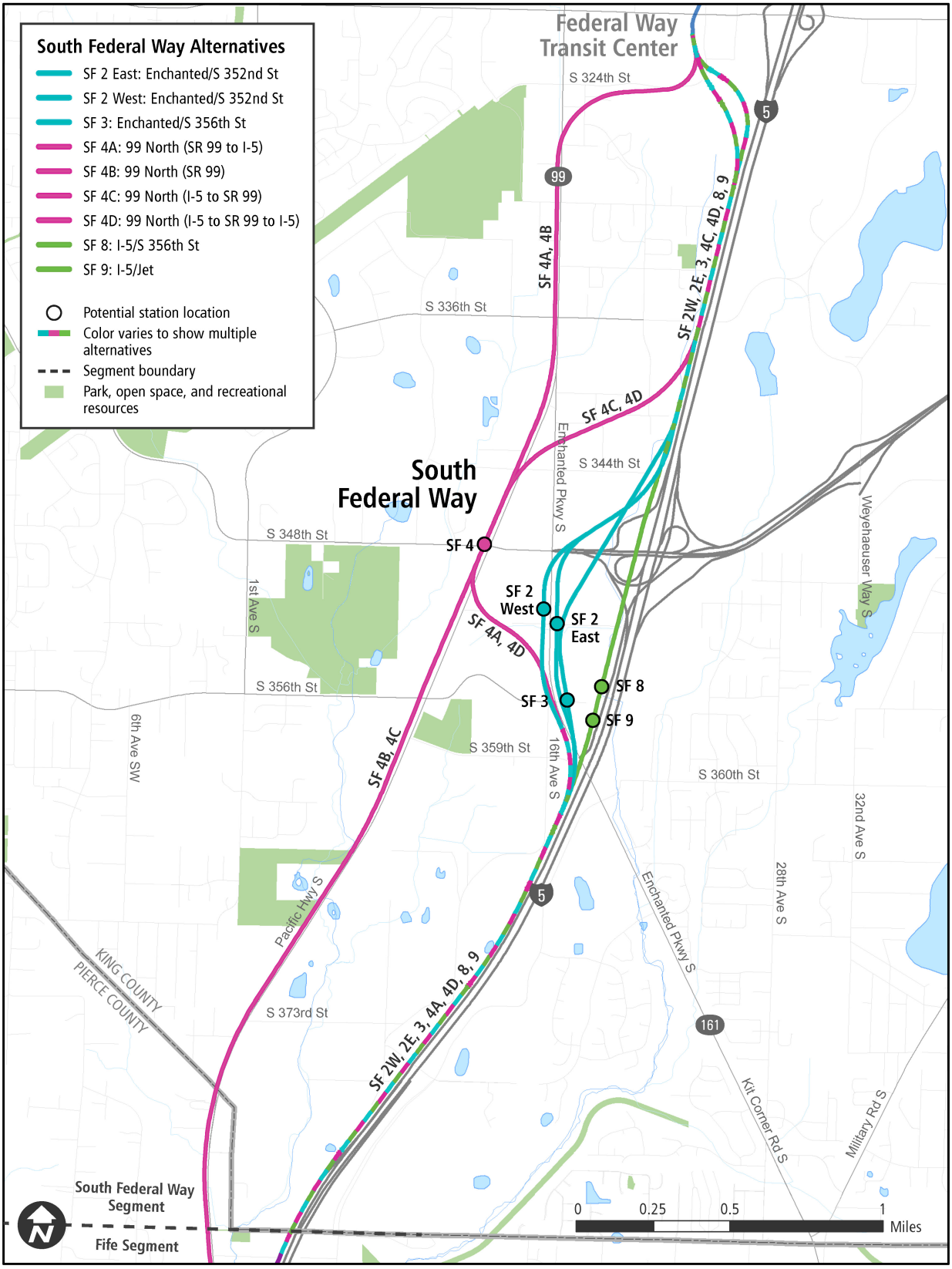

Exhibit 4 Potential Alternatives being Considered in South Federal Way

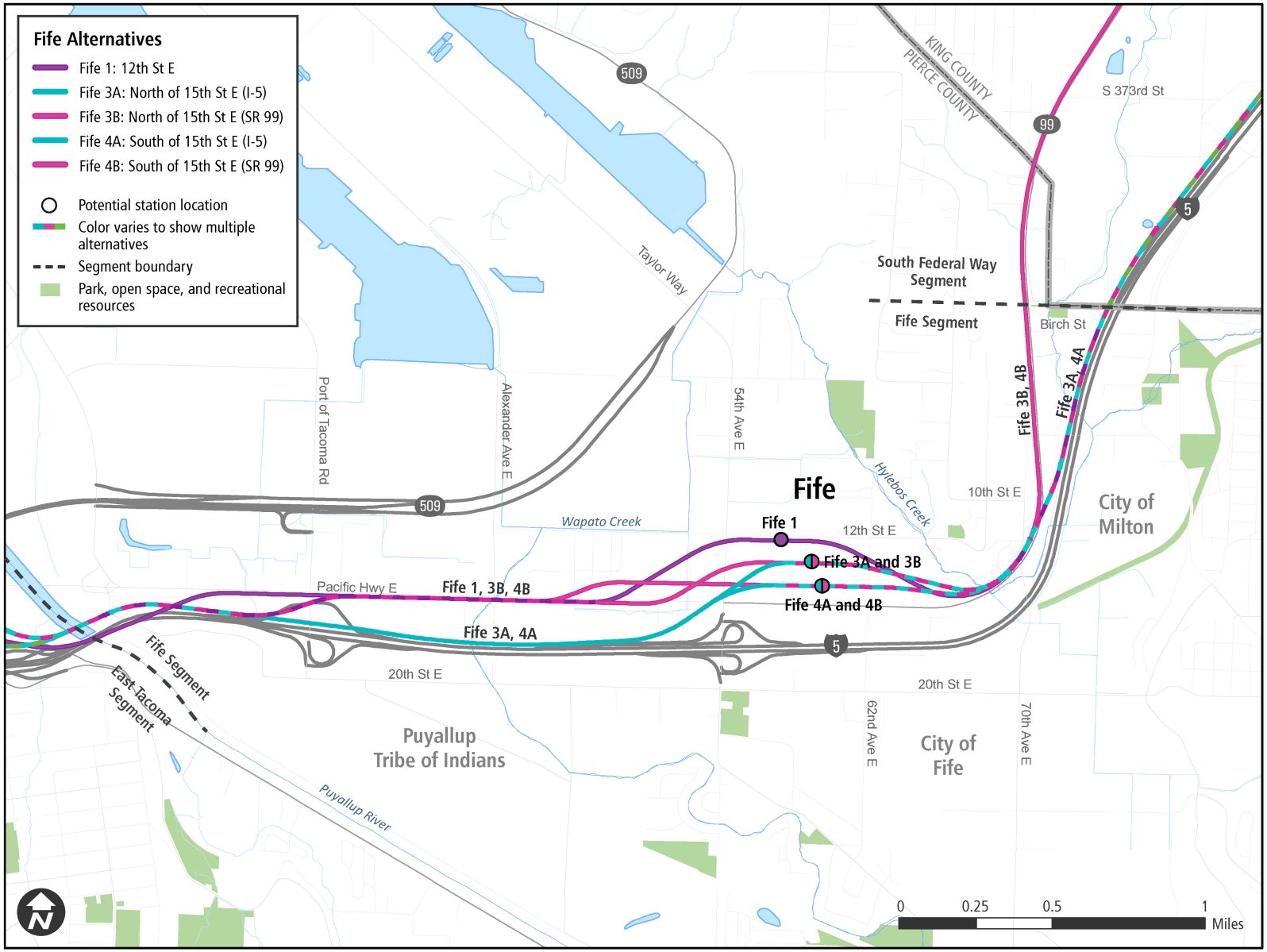

Exhibit 5 Potential Alternatives being Considered in Fife

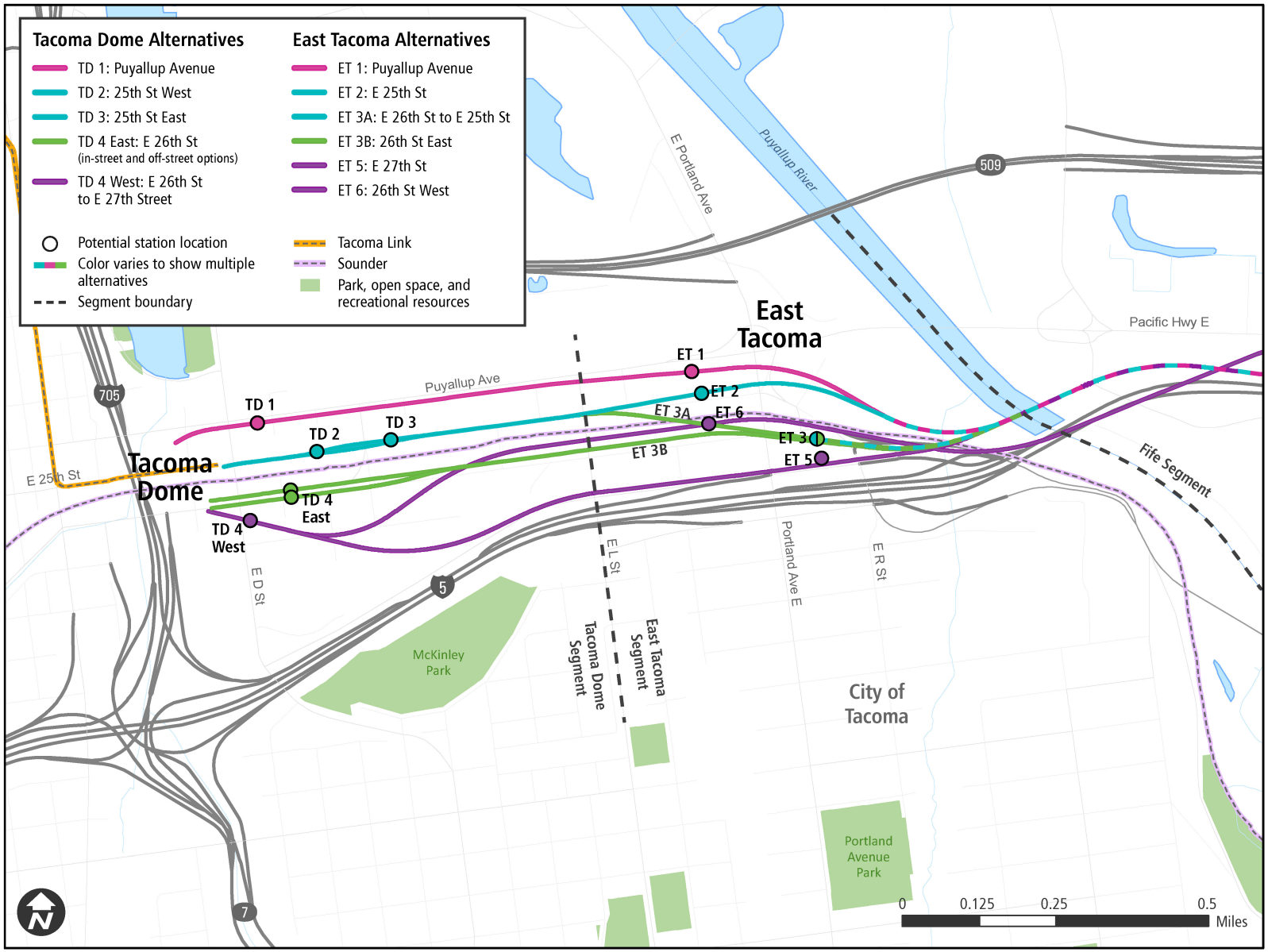

Exhibit 6 Potential Alternatives being Considered in East Tacoma and Tacoma

5 NEXT STEPS

The FTA and Sound Transit are using the information received during scoping, as well other planning information developed to date, to determine the range of alternatives to study in an EIS beginning in summer 2019. The Sound Transit Board (Board) may identify a Preferred Alternative at that time. The Board meetings allow public comment on items on the agenda, and Sound Transit provides meeting agendas and related materials prior to each Board meeting. This would include any staff reports, presentations, or motions involving the TDLE project.

Project Timeline and Process

Once the Board identifies the alternatives to be evaluated, the next steps in the process include:

- **Preparing and issuing a Draft EIS** – Work on the Draft EIS is anticipated to start in summer 2019. Sound Transit will evaluate the Preferred Alternative and other alternatives in the Draft EIS. The FTA and Sound Transit will publish the Draft EIS with a public review and comment period of at least 45 days, including public meetings and a public hearing.
- **Preparing a Final EIS** – The FTA and Sound Transit will consider comments and the Draft EIS findings. The Board will confirm or modify the Preferred Alternative following the evaluation of public comments on the Draft EIS and develop a Final EIS. The Final EIS will update the environmental information for the Preferred Alternative and other alternatives; respond to public, agency, and tribal comments on the Draft EIS; and further define measures to avoid, minimize, or mitigate potential project impacts.
- **Obtaining environmental approvals and commencing final design, construction, and operation** – After the Final EIS is published, the Board will select the project to be built. The FTA will then issue a federal Record of Decision (ROD) that describes the environmental findings and mitigation commitments. Following these actions, the project will advance into final design, permitting, construction, and operation.

Exhibit 7 shows the general project timeline.

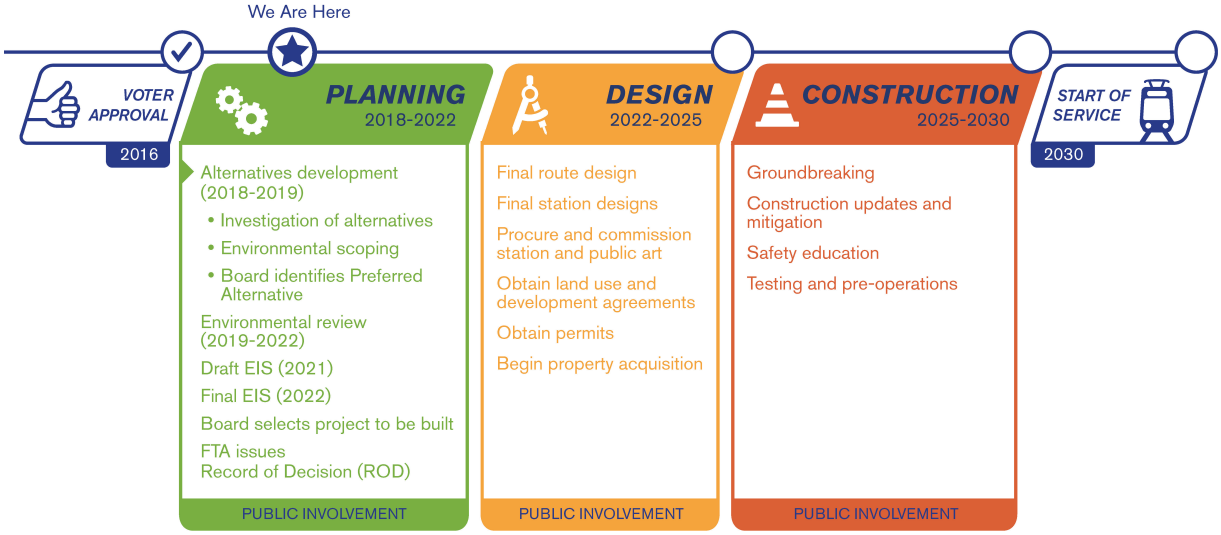

Exhibit 7 Project Timeline

6 SUPPORTING DOCUMENTATION AND REFERENCES

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soundtransit.org/tdlink

tdlink@soundtransit.org
206-903-7118

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Sound Transit plans, builds, and operates regional transit systems and services to improve mobility for Central Puget Sound.
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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

PRE-SCREENING AND LEVEL 1 ALTERNATIVES EVALUATION REPORT

Appendix I3

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U.S. Department of Transportation
Federal Transit Administration

February 2019

Tacoma Dome Link Extension

Pre-Screening and Level 1 Alternatives Evaluation Report

SOUNDTRANSIT

CENTRAL PUGET SOUND
REGIONAL TRANSIT AUTHORITY

Tacoma Dome Link Extension

Pre-Screening and Level 1 Alternatives Evaluation Report

Prepared for:
Sound Transit

Prepared by:
HDR & Parametrix

February 18, 2019

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Acronyms and Abbreviations

BNSF	Burlington Northern Santa Fe
BPA	Bonneville Power Administration
DAHP	Department of Archaeology and Historic Preservation
EIS	environmental impact statement
EJ	environmental justice
ELG	Elected Leadership Group
ESA	Endangered Species Act
ET	East Tacoma
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HCT	high-capacity transit
I-5	Interstate 5
I-705	Interstate 705
IAG	Interagency Group
LRT	light rail transit
mph	miles per hour
NEPA	National Environmental Policy Act
OMF South	Operations and Maintenance Facility South
OMF	Operations and Maintenance Facility
PSRC	Puget Sound Regional Council
Puyallup Tribe	Puyallup Tribe of Indians
ROW	right-of-way
SEPA	State Environmental Policy Act
SF	South Federal Way
Sound Transit	Central Puget Sound Regional Transit Authority
SR 99	State Route 99
ST	Sound Transit
ST3 Plan	Sound Transit 3 Plan
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension

TOD	transit- oriented development
WISAARD	Washington Information System for Architectural and Archaeological Records Data
WSDOT	Washington State Department of Transportation

Executive Summary

Purpose of the Report

The Central Puget Sound Regional Transit Authority (Sound Transit) and the Federal Transit Administration (FTA) are conducting an alternatives analysis to start the public planning and environmental processes for the Tacoma Dome Link Extension (TDLE). The proposed project is part of the Sound Transit 3 (ST3) Plan approved by voters in 2016. The project starts where the Federal Way Link Extension ends at the Federal Way Transit Center in the City of Federal Way in south King County and continues to the Tacoma Dome area in the City of Tacoma in Pierce County. Exhibit E-1 shows where the TDLE is located. The TDLE is an element of the regional Metropolitan Transportation Plan (the Puget Sound Regional Council [PSRC] 2040 Transportation Plan), and Sound Transit's Long-Range Transit Plan.

As part of the ST3 Plan, two new light rail maintenance facilities, one in the north and one in the south service area, were identified to support the expansion of light rail. The operations and maintenance facility (OMF) to serve overall regional system expansion, particularly for service in South King and Pierce counties, is called the Operations and Maintenance Facility: South (OMF South) and is evaluated in a separate report.

The public planning and environmental processes begin with development of this Level 1 Alternatives Analysis. The Level 1 Alternatives Analysis is intended to define a reasonable range of options that meet the project Purpose and Need, can be implemented at a reasonable cost, and would not result in unacceptable affects to the environment or community.

This report is organized into five sections:

- Introduction
- Pre-Screening of Alternatives
- Level 1 Evaluation Criteria
- Level 1 Analysis Results
- Findings and Conclusions

Draft Purpose and Need

The purpose of the Tacoma Dome Link Extension is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area in order to:

- Provide high quality rapid, reliable, accessible, and efficient light rail transit service connecting the communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup

Tribe of Indians (Puyallup Tribe) to other destinations on the regional high-capacity transit (HCT) system.

- Meet projected transit demand and offer an alternative to travel on congested roadways, better connecting people to where they live, work, and play.
- Connect regional centers as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan Update (Sound Transit 2014b).
- Develop a light rail extension that is technically and financially feasible to build, operate, and maintain, consistent with the regional system defined by the Sound Transit 3 Plan (Sound Transit 2016) and the Regional Transit Long-Range Plan update, which was developed through a robust local planning process that established transit mode, corridor, and general station locations.
- Expand mobility for people in the corridor and region, including low income, minority, and transit-dependent populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with adopted local comprehensive plans and policies, including Sound Transit's Transit Oriented Development and Sustainability Policies.
- Preserve and promote a healthy and sustainable environment and economy by minimizing adverse impacts on the natural, built, and social environments.
- Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.

The project is needed because:

- Roadway congestion is increasing on Interstate 5 (I-5) and State Route 99 (SR 99), two of the primary highways connecting King and Pierce counties, affecting reliability for transit, automobiles, and freight.
- There is not enough transit capacity to serve the corridor's riders today or in the future.
- PSRC, the regional metropolitan planning organization, and local plans call for HCT to serve long-term population and employment growth in the corridor, consistent with PSRC's VISION 2040 (PSRC 2009) and the Sound Transit Regional Transit Long-Range Plan Update.
- South King and Pierce counties' citizens and communities, including its low income and minority populations, and/or transit-dependent populations and residents, need

long-term regional mobility and multimodal connectivity as called for in the Washington State Growth Management Act.

- Regional and local plans call for increased residential, commercial, and employment growth and density in areas to be served by HCT and multimodal transportation systems.
- Environmental and sustainability goals of the state and region include reducing greenhouse gas emissions by reducing total vehicle miles traveled and by increasing mobility options that do not rely on combustible fuels (RCW 47.01.440, PSRC VISION 2040, and 2018 Regional Transportation Plan [Sound Transit 2018a]).

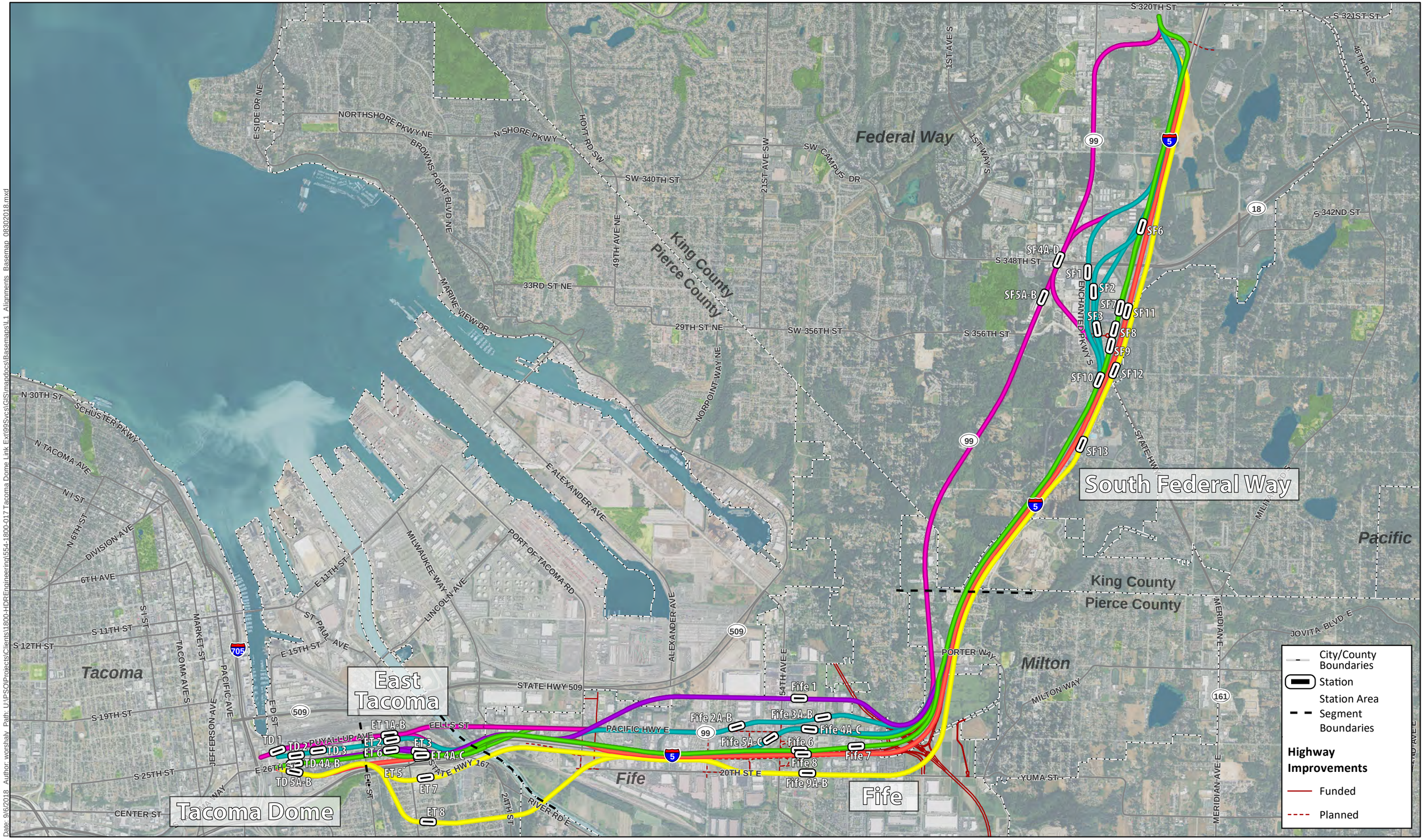

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

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Exhibit E-1

Level 1 Alternatives for the Tacoma Dome Link Extension

Date: 9/6/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\L1_Alignments_Basemap_08302018.mxd

Overview of Alternatives Analysis Process

The purpose of the alternatives analysis process is to identify the alternatives to be evaluated in an environmental impact statement (EIS), including the preferred alternative. To refine the alternatives, input from the tribes, agencies, and the public was considered throughout the process. Because the resulting project will seek federal funding, FTA's general guidance for conducting alternatives analysis was incorporated into the study process. This process included initiating the study, developing and refining alternatives and methodologies, analyzing and evaluating alternatives, and (in the future) identifying a preferred alternative, as shown on Exhibit E-2.

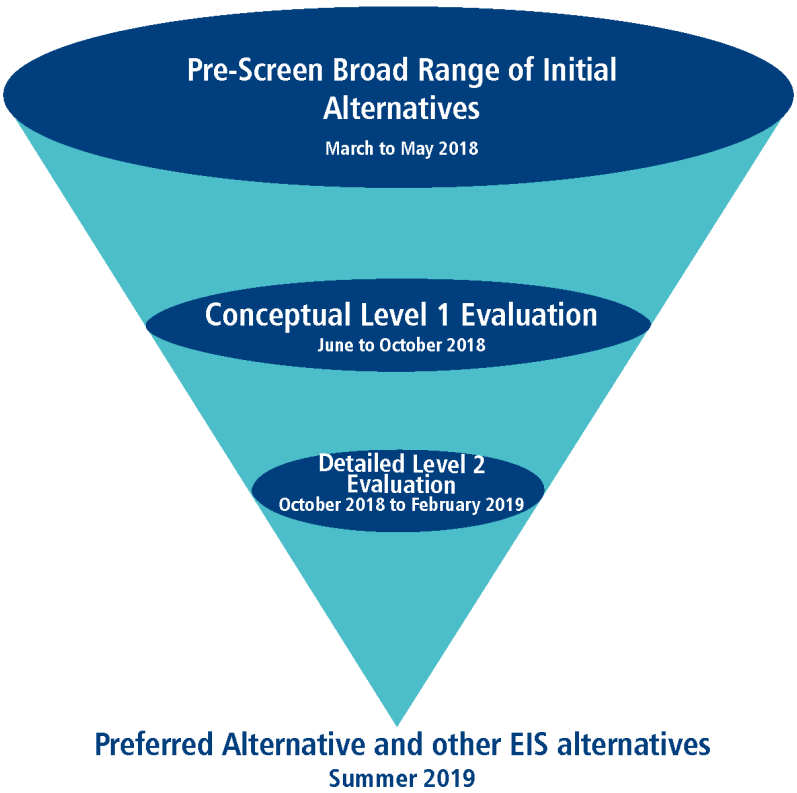

EXHIBIT E-2
Alternatives Evaluation Process

Information from the regional and local plans and projects, as well as previous work from the ST3 Plan, was reviewed as part of initiating the TDLE project, and a draft Purpose and Need of the project was developed. The draft Purpose and Need established the objectives that were used to develop the evaluation criteria and measures for the Level 1 analysis.

The next step, pre-screening alternatives to identify those that do not meet the Purpose and Need, helped to refine the alternatives that were analyzed in the Level 1 screening. The alternatives were then defined so that the evaluation measures of the study could be used to assess the transportation, environmental, and financial effects of each alternative. At this early stage in the process, the Level 1 analysis applied both qualitative and quantitative criteria to evaluate the alternatives based on early conceptual design. The representative project from ST3 was included in the Level 1 alternatives. The alternatives selected by the Elected Leadership Group (ELG) were refined and carried forward into the Level 2 analysis.

The Level 2 Evaluation will apply more quantitative criteria and compare the alternatives for the TDLE. The results of the Level 2 analysis will be presented to the Sound Transit Board to help them identify a preferred alternative to be evaluated in the EIS.

Pre-Screening

The initial pre-screening process involved two steps: 1) considering if the alternatives being studied satisfy the purpose and need Statement, and 2) evaluating the alternatives for consistency with the project scope defined in the ST3 Plan, which is the basis for the proposed project.

FTA guidelines were used to develop and analyze the project alternatives. Potential alternatives for the TDLE came from previous regional and local planning studies (see Section 2.2) and input from agencies, tribes, and the public during a 30-day early scoping period between April 2 and May 3, 2018. The early scoping period included three public open houses (in Federal Way, Fife, and Tacoma). The public open houses provided several interactive opportunities for attendees to provide input and draw alignment and station location suggestions on a large map of the project corridor. An online open house also provided opportunities to learn about the project and provide comments. During the early scoping process, people could provide comments in the following ways:

- Online open house survey: tdlink.participate.online
- Email: tdlink@soundtransit.org
- Mail: Sound Transit, c/o Senior Environmental Planner Steve Kennedy, 401 S. Jackson Street, Seattle, WA 98104
- Community Open Houses: Written comment forms, interactive boards/roll plots, and a computer survey

In addition to the public meetings, an early scoping meeting was held in Tacoma on the afternoon of April 17, 2018, for tribes, agencies, and jurisdictions. Agency participants could

learn about the project, ask questions, and provide informal comments on interactive roll plot maps of the corridor in advance of providing their formal early scoping comment letters.

Early scoping comments were received from one Tribal government and 11 agencies, and over 550 written comments were received from members of the public. Common project-wide themes included:

- Support for the light rail system
- Concern about taxes and project costs
- Providing adequate parking at stations
- Evaluating economic tradeoffs: increased access to local and regional job opportunities and potential impacts to businesses along the route
- Interest in transit oriented development (TOD)

The Early Scoping Summary Report contains further information about the comments received (Sound Transit 2018b).

Potential concepts for the TDLE project began by reviewing previous work done in regional planning studies, including Sound Move—The Ten-Year Regional Transit System Plan (Sound Transit 1996), the Regional Transit Long-Range Plan (Sound Transit 2005), Sound Transit 2: A Mass Transit Guide—The Regional Transit System Plan for Central Puget Sound (Sound Transit 2008), Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 2016), and the Federal Way to Tacoma High Capacity Transit Corridor Study (Sound Transit 2014a). Local planning studies were also reviewed. The existing transit network and plans for the Federal Way Link Extension were also considered.

Based on previous studies and public involvement completed for the adoption of the Long-Range Plan and the EIS, and on the results of the Federal Way to Tacoma High Capacity Transit Corridor Study and related ST3 planning and outreach, the Sound Transit Board has adopted light rail transit (LRT) as the mode to serve the South Corridor connecting Seattle to Tacoma. Therefore, only LRT alternatives are being considered for the Tacoma Dome Link Extension.

Alternatives considered during the pre-screening and Level 1 evaluation included different alignment and station concepts. The alignment refers to the horizontal location on the ground within a corridor and the vertical elevation of the aerial guideway. The initial range of alternatives are generally located within the SR 99 or I-5 corridors as shown in Exhibit E-1. The pre-screening of alternatives was undertaken to identify and screen out alignment and station concepts that did not warrant further consideration in the Level 1 evaluation.

A few alignment concepts outside of the SR 99 and I-5 corridors were considered in the pre-screening, such as an alignment along the Interurban Trail corridor and extending Tacoma Link west of the Tacoma Dome to East Tacoma (see Exhibit E-5). These concepts were not brought forward into the Level 1 evaluation because of inconsistency with the Purpose and Need, inconsistency with the ST3 Plan, circuitous routing that would add travel time to the HCT service, and environmental constraints. The SR 99 and I-5 corridors are the only practicable options to meet the project Purpose and Need to extend the HCT system between the Federal Way Transit Center and the Tacoma Dome station area, providing direct connections with Sounder commuter rail, Tacoma Link light rail, and Amtrak passenger rail (future), as well as the Sound Transit Express, Pierce Transit, Greyhound, and King County Metro bus transit systems.

Station concepts that were not brought forward into the Level 1 evaluation are shown on Exhibits E-3 to E-5. These station concepts included:

- A station located to the northwest of the I-5/SR 18 interchange in the Weyerhaeuser property—this station concept is inconsistent with ST3 because it is located outside of the South Federal Way activity center.
- A station located in Milton just north of 70th Avenue E between I-5 and Pacific Highway E—this station concept is inconsistent with ST3 because it is located outside of the Fife activity center.
- A station located in Tacoma in the SR 509 right-of-way (ROW) in the Burlington Northern Santa Fe (BNSF) Railyard – this station concept is inconsistent with ST3 because it is located outside of both the East Tacoma and Tacoma Dome activity centers.
- A series of stations located in McKinley Park in Tacoma—these station concepts are inconsistent with ST3 because of the location outside of the Tacoma Dome activity center and within a major public park facility.
- A series of stations located to the west of I-705 in Tacoma—these station concepts are inconsistent with ST3 because of the location outside of the Tacoma Dome activity center.

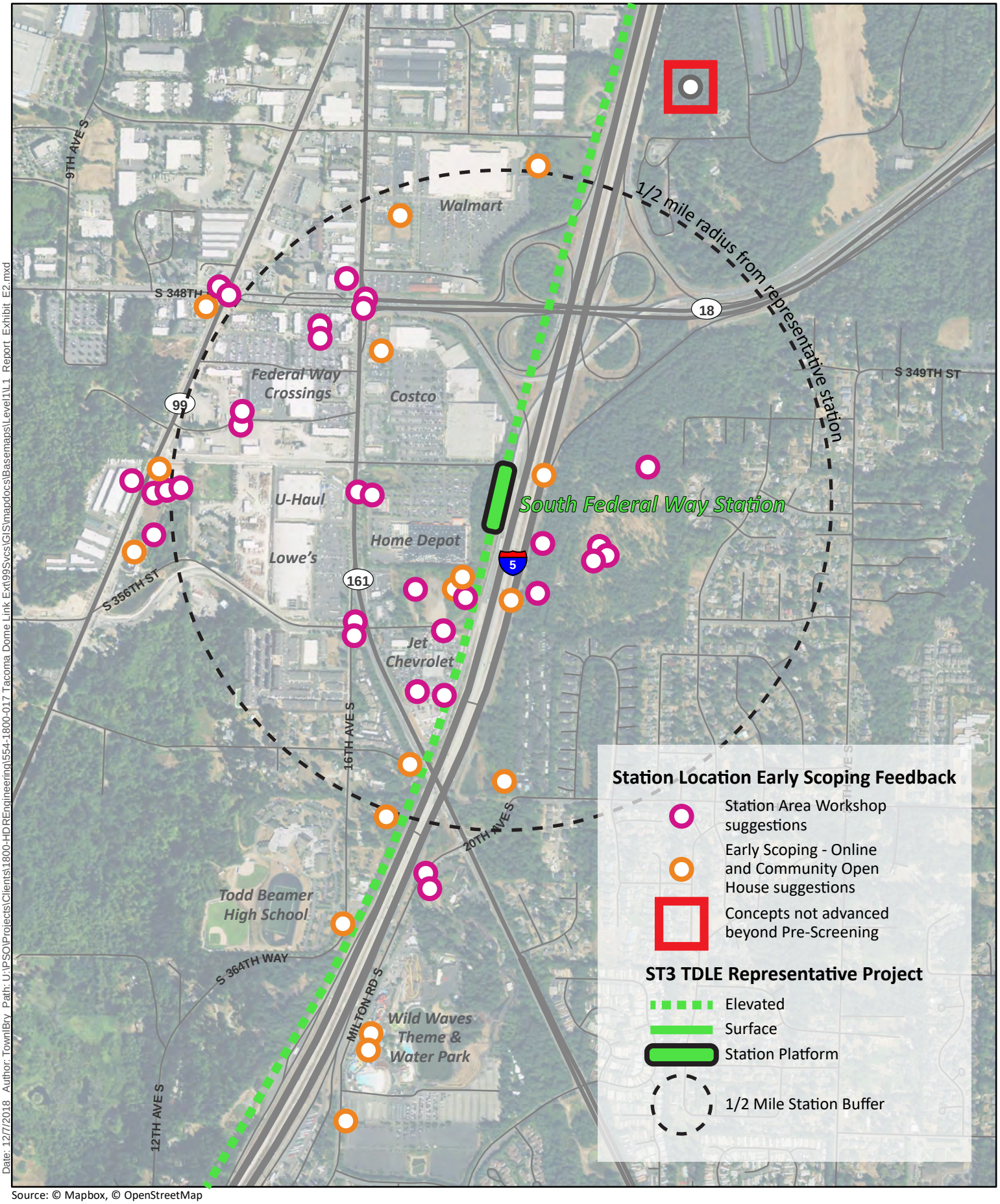

Source: © Mapbox, © OpenStreetMap

Date: 12/7/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E2.mxd

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit E-3

TDLE Station Location Feedback

South Federal Way

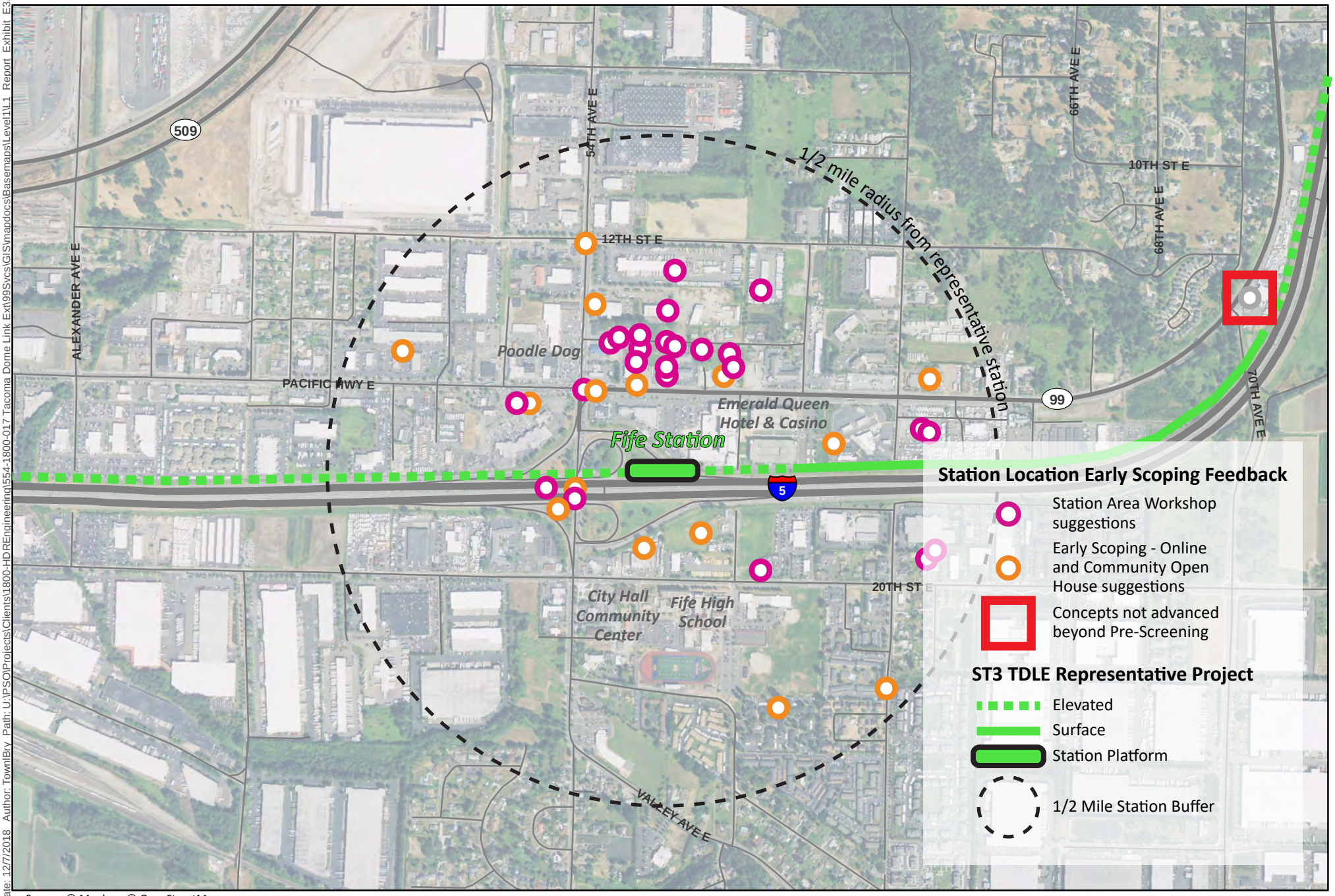

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit E-4

TDLE Station Location Feedback

Fife

Date: 12/7/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E3.mxd

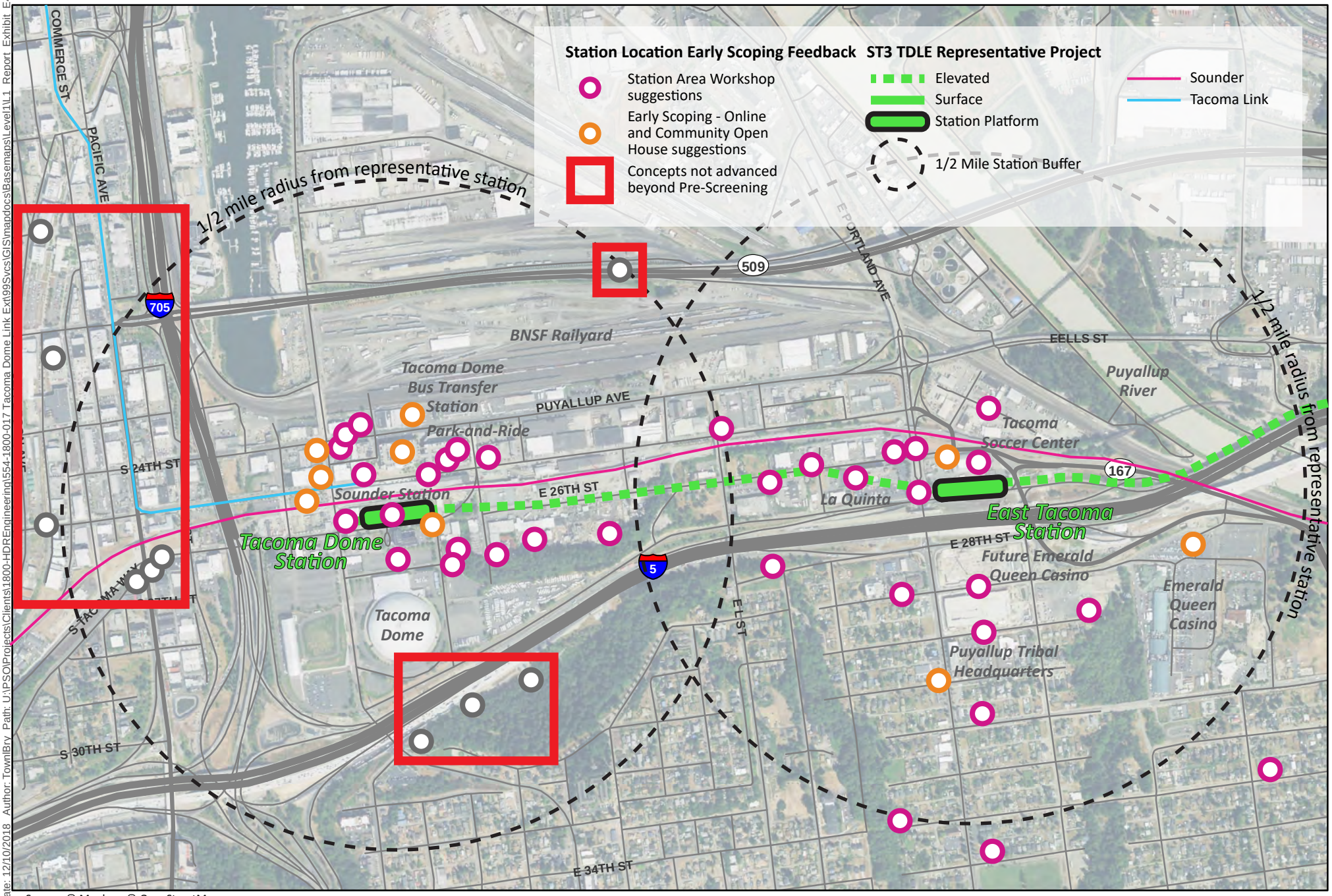

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit E-5

TDLE Station Location Feedback
East Tacoma and Tacoma Dome

Date: 12/10/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E4.mxd

Level 1 Alternatives

There are a total of 51 alternatives in the segments that were evaluated in Level 1. The representative project, which was included in ST3, is included in the alternatives that were evaluated in Level 1. The vertical profile of all TDLE alternatives is assumed to be elevated except for relatively short at-grade alignment sections in locations where elevated street crossings are not required. More detailed information regarding specific design details will be developed in later phases of the project. This analysis assumed that all alternatives would be elevated.

South Federal Way

There are 17 alternatives in South Federal Way (SF) that can generally be categorized into four alignment families: Enchanted Parkway, SR 99, I-5 West/Representative, and I-5 Median/I-5 East, as shown on Exhibit E-6.

Enchanted Parkway

The Enchanted Parkway alternatives include SF 1 Enchanted/348th, SF 2 Enchanted/352nd, and SF 3 Enchanted/356th, as depicted on Exhibit E-7. For a detailed description of the Enchanted Parkway alternatives, see Section 2.2.

SR 99

The SR 99 alternatives include SF 4A 99 North (SR 99 to I-5), SF 4B 99 North (SR 99), SF 4C 99 North (I-5 to SR 99), SF 4D 99 North (I-5 to SR 99 to I-5), SF 5A 99 South (SR 99), and SF 5B 99 South (I-5 to SR 99), as depicted on Exhibit E-8. For a detailed description of the SR 99 alternatives, see Section 2.2.

I-5 West/Representative Alignment

The I-5 West/Representative alternatives include SF 6 I-5/344th, SF 7 I-5/352nd (Representative), SF 8 I-5/356th, SF 9 I-5/Jet, and SF 10 I-5/359th, as depicted on Exhibit E-9. For a detailed description of the I-5 West/Representative Alignment alternatives, see Section 2.2.

I-5 Median/I-5 East

The I-5 Median/I-5 East alternatives include SF 11 Median, SF 12 I-5 East/Enchanted, and SF 13 I-5 East/Wild Waves, as depicted on Exhibit E-10. For a detailed description of the I-5 Median/I-5 East alternatives, see Section 2.2.

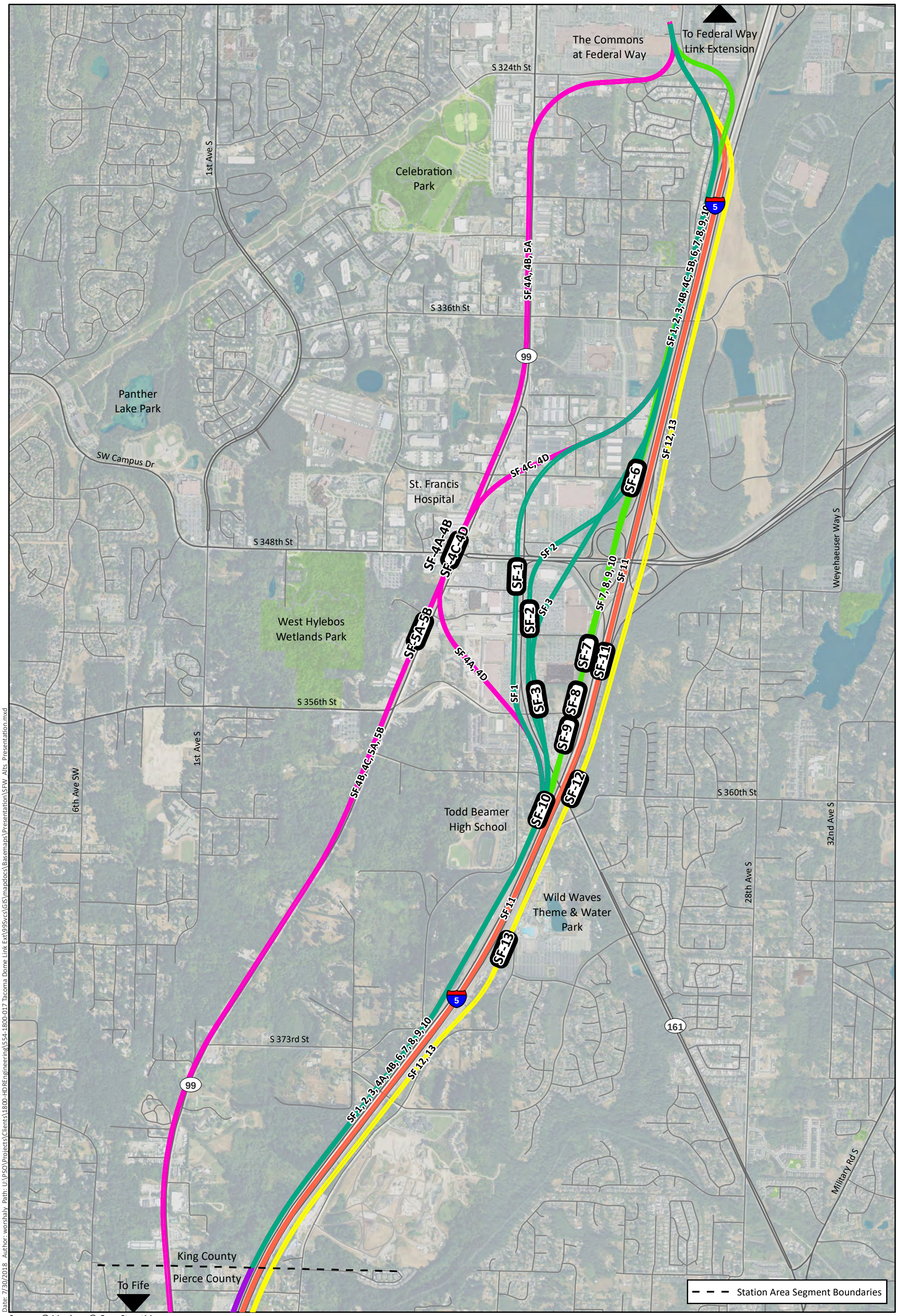

Source: © Mapbox, © OpenStreetMap

Date: 7/30/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\SFW_Alts_Presentation.mxd

0 625 1,250 2,500 Feet

SOUNDTRANSIT

South Federal Way Alternative Alignments

- SF 1 Enchanted/348th
- SF 2 Enchanted/352nd
- SF 3 Enchanted/356th
- SF 4A SR 99 to I-5
- SF 4B SR 99
- SF 4C I-5 to SR 99
- SF 4D I-5 to SR 99 to I-5
- SF 5A SR 99
- SF 5B I-5 to SR 99
- SF 6 I-5/344th
- SF 7 I-5/352nd/Representative
- SF 8 I-5/356th
- SF 9 I-5/Jet
- SF 10 I-5/359th
- SF 11 I-5 Median
- SF 12 I-5 East/Enchanted
- SF 13 I-5 East/Wild Waves

Exhibit E-6

Level 1 Alternatives - South Federal Way

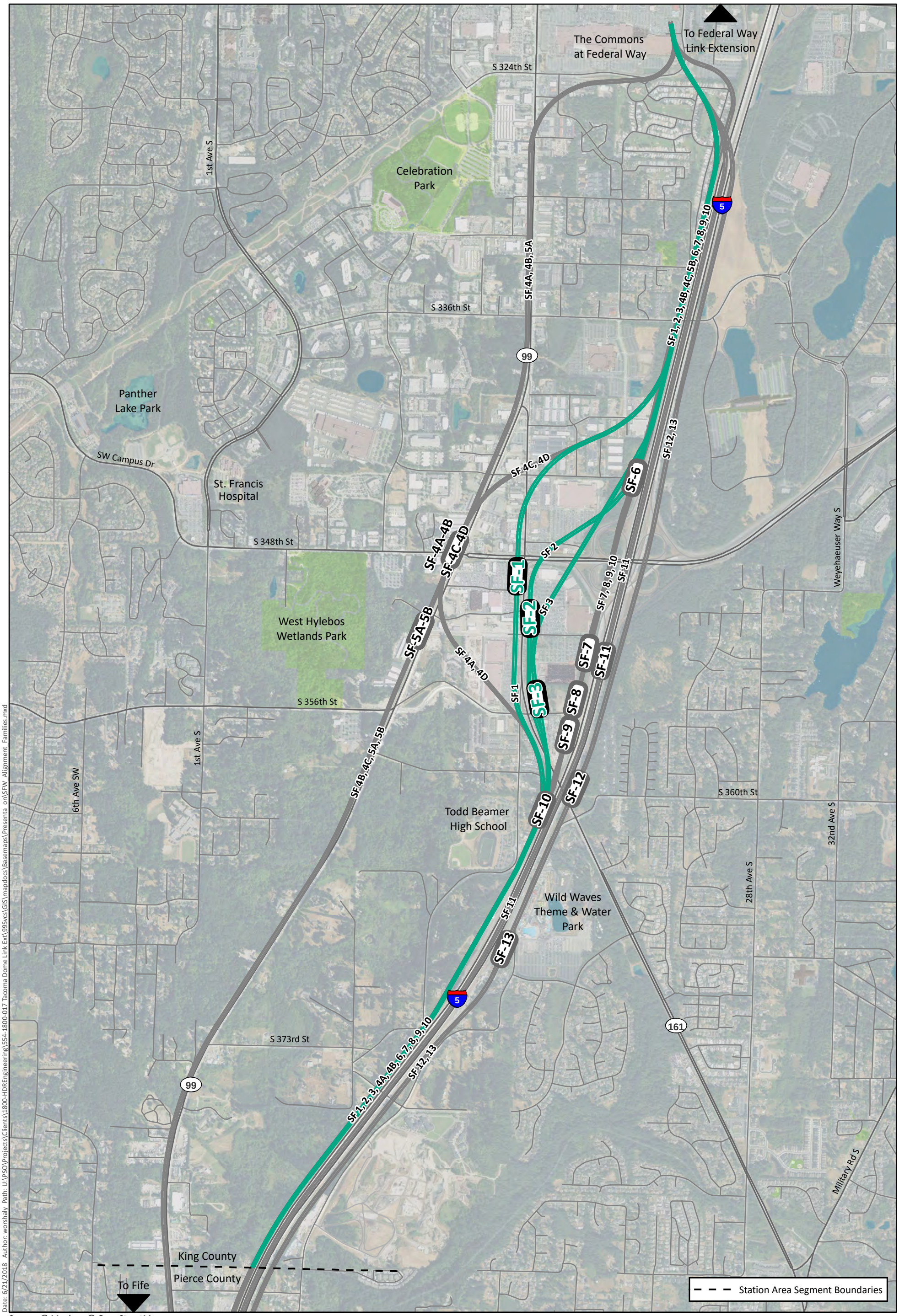

Source: © Mapbox, © OpenStreetMap

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Presenta on\SFW_Alignment_Families.mxd

0 625 1,250 2,500 Feet

SOUNDTRANSIT

Enchanted Parkway Alignment Family

- Other Alignments
- SF 1 Enchanted/348th
- SF 2 Enchanted/352nd
- SF 3 Enchanted/356th

Exhibit E-7

Level 1 Alternatives - South Federal Way - Enchanted Parkway Alignment Family

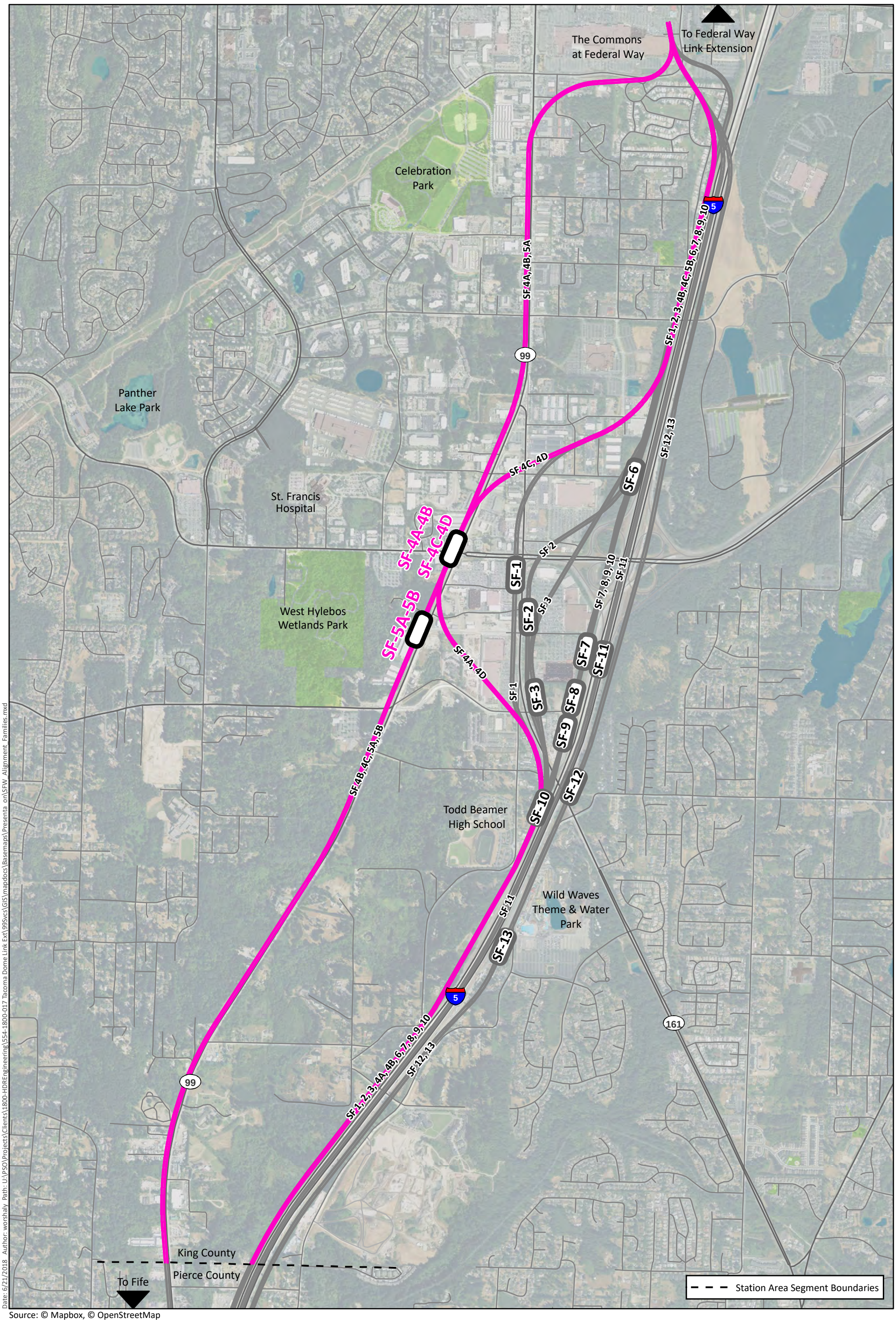

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta_on\SFW_Alignment_Families.mxd

Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

SR 99 Alignment Family

- Other Alignments
- SF 4A SR 99 to I-5
- SF 4B SR 99
- SF 4C I-5 to SR 99
- SF 4D I-5 to SR 99 to I-5
- SF 5A SR 99
- SF 5B I-5 to SR 99

Exhibit E-8

Level 1 Alternatives - South Federal Way - SR 99 Alignment Family

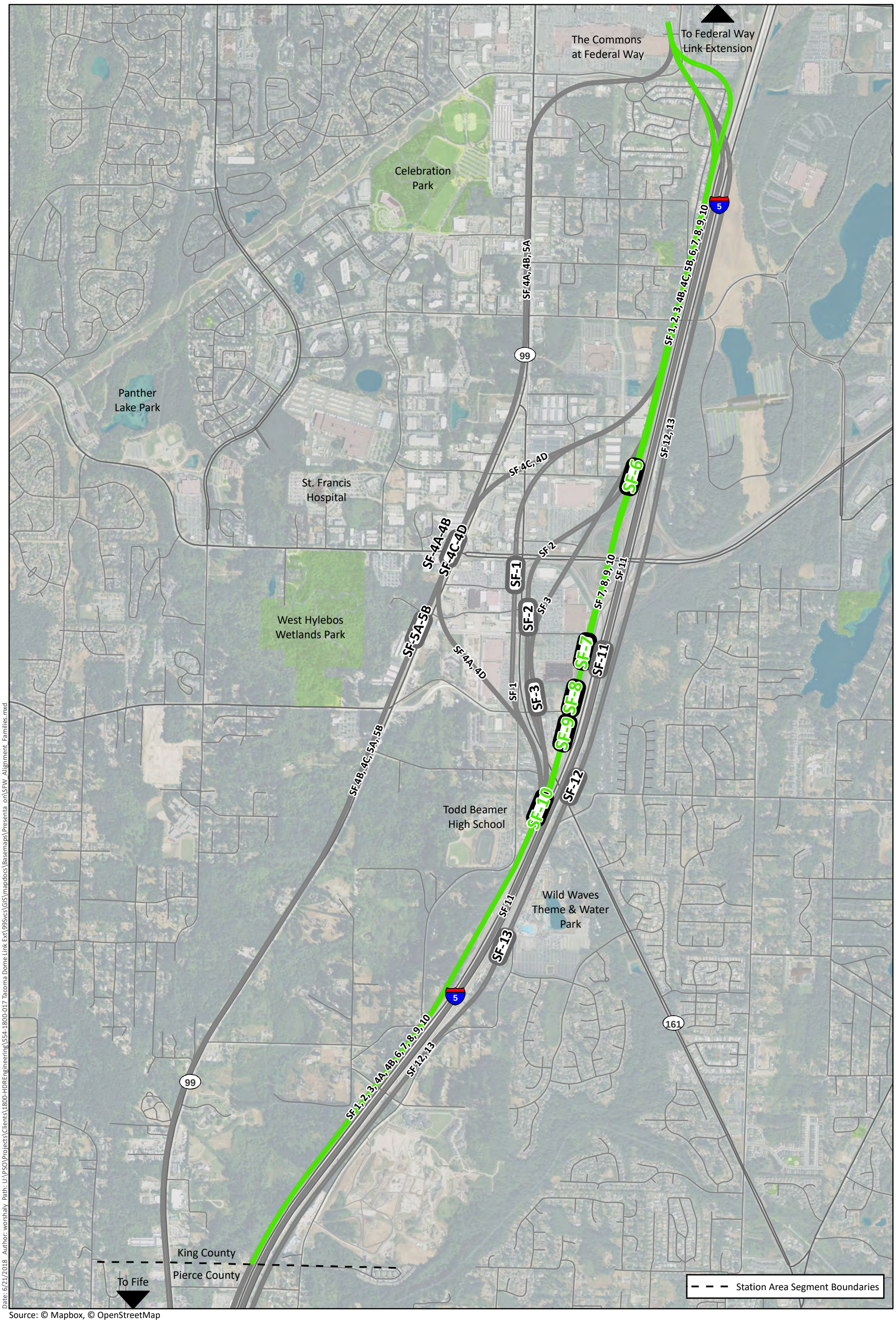

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Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

I-5 West/Representative Alignment Family

- Other Alignments
- SF 6 I-5/344th
- SF 6 I-5/344th
- SF 8 I-5/356th
- SF 9 I-5/Jet
- SF 10 I-5/359th

Exhibit E-9

Level 1 Alternatives - South Federal Way - I-5 West/ Representative Alignment Family

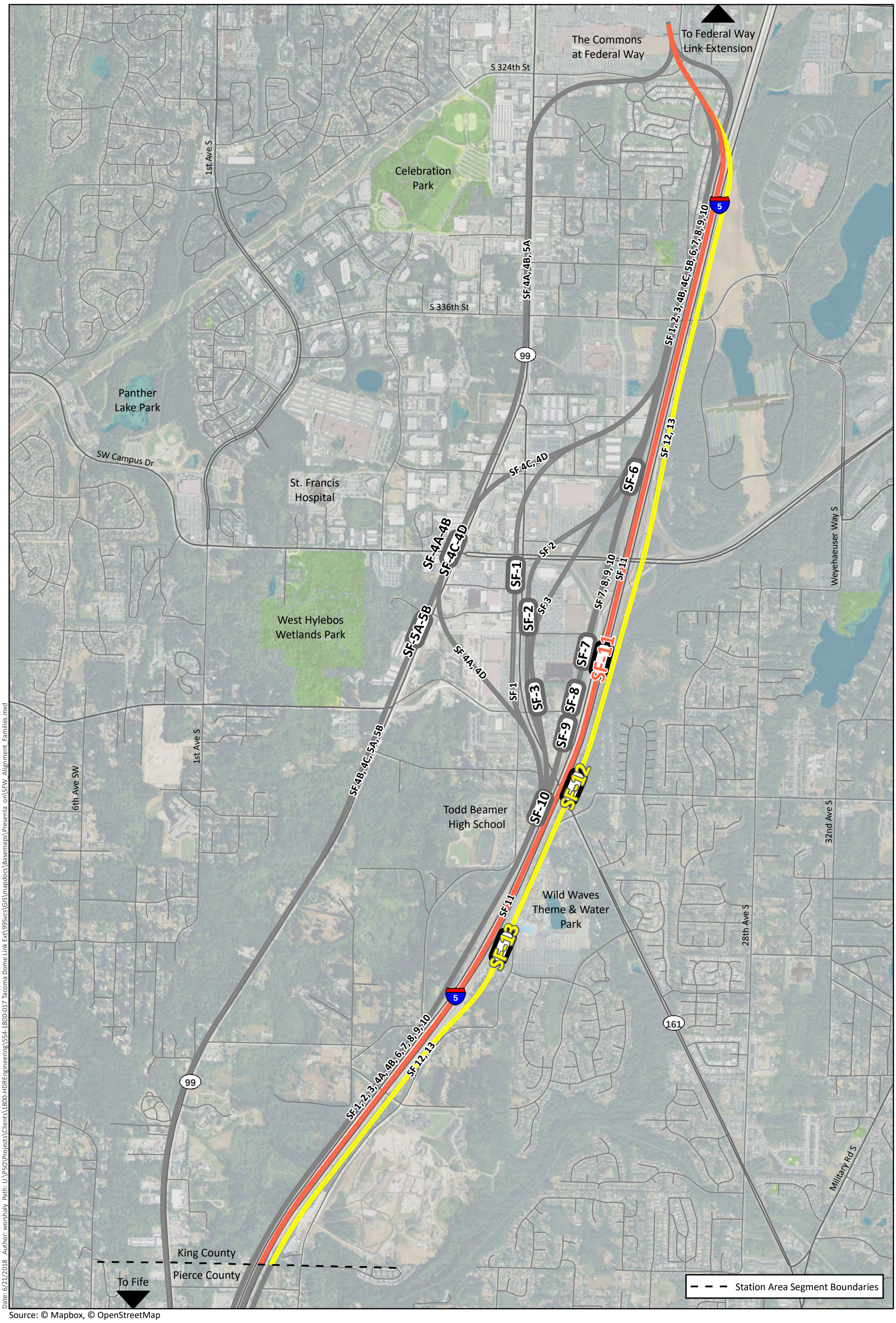

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta_on\SFW_Alignment_Families.mxd

Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

I-5 Median/I-5 East Alignment Family

- Other Alignments
- SF 11 I-5 Median
- SF 12 I-5 East/Enchanted
- SF 13 I-5 East/Wild Waves

Exhibit E-10

Level 1 Alternatives - South Federal Way - I-5 Median/I-5 East Alignment Family

Fife

There are 16 alternatives in Fife that can generally be categorized into five alignment families: I-5 West to 12th Street, Pacific Highway/15th Street, Pacific Highway East/South, I-5 West/Representative, and I-5 Median/I-5 South, as shown on Exhibit E-11.

I-5 West to 12th Street

The I-5 West to 12th Street alternative includes Fife 1 12th Street, as depicted on Exhibit E-12. For a detailed description of the I-5 West to 12th Street alternative, see Section 2.2.

Pacific Highway West/15th Street

The Pacific Highway West/15th Street alternatives include Fife 2A-B Pacific Highway West and Fife 3A-B 15th Street, as depicted on Exhibit E-13. For a detailed description of the Pacific Highway West/15th Street alternatives, see Section 2.2.

Pacific Highway East/South

The Pacific Highway East/South alternatives include Fife 4A-C Pacific Highway East and Fife 5A-C Pacific Highway South, as depicted on Exhibit E-14. For a detailed description of the Pacific Highway East/South alternatives, see Section 2.2.

I-5 West/Representative

The I-5 West/Representative alternatives include Fife 6 I-5 West (Representative) and Fife 7 I-5 East, as depicted on Exhibit E-15. For a detailed description of the I-5 West/Representative alternatives, see Section 2.2.

I-5 Median/I-5 South

The I-5 Median/I-5 South alternatives include Fife 8 I-5 Median and Fife 9A-B 20th Street, as depicted on Exhibit E-16. For a detailed description of the I-5 Median/I-5 South alternatives, see Section 2.2.

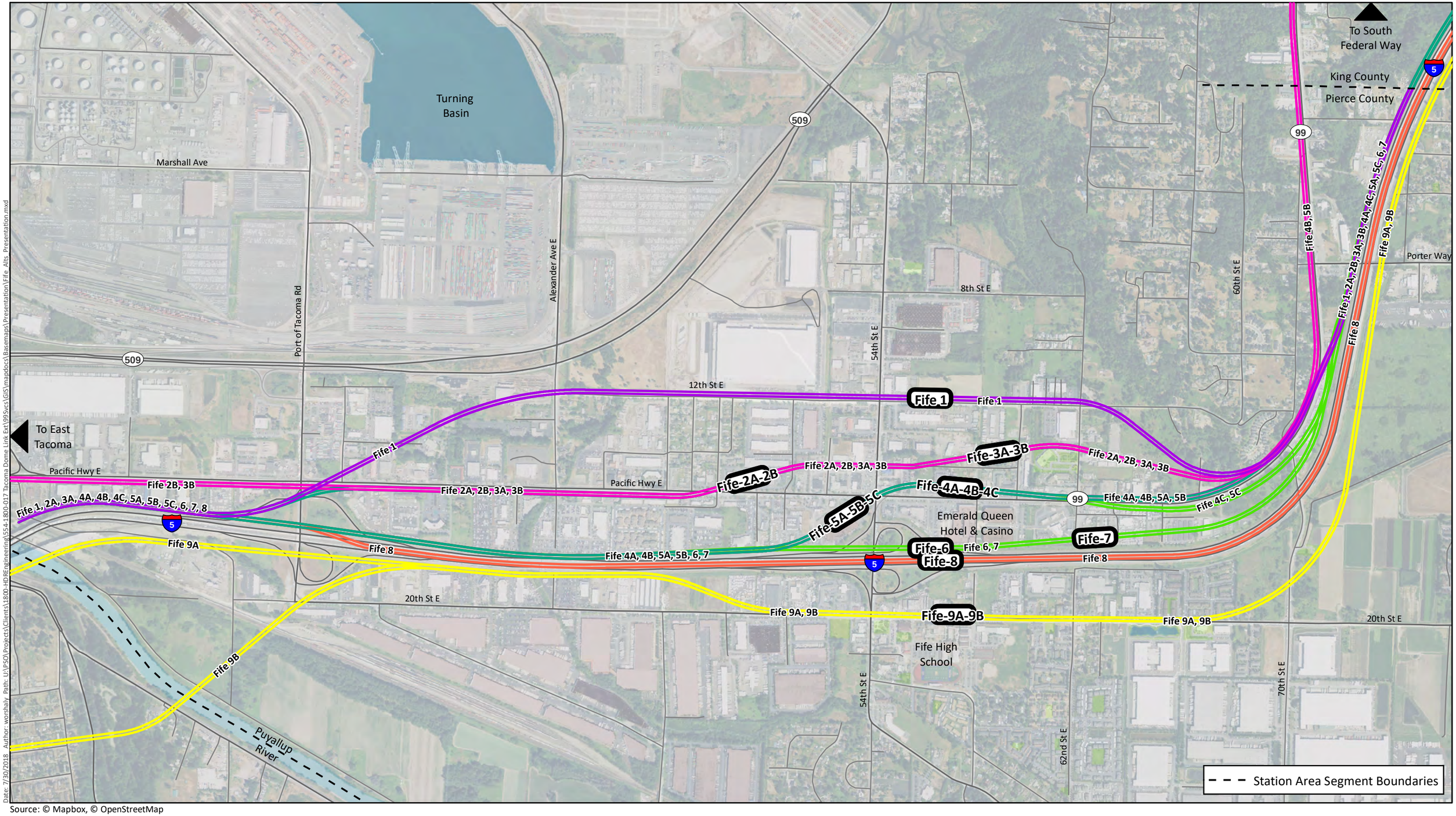

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Fife Alternative Alignments

- Fife 1 12th Street
- Fife 2A Pacific Hwy West
- Fife 2B Pacific Hwy West
- Fife 3A 15th Street
- Fife 3B 15th Street
- Fife 4A Pacific Hwy East
- Fife 4B Pacific Hwy East
- Fife 4C Pacific Hwy East
- Fife 5A Pacific Hwy South
- Fife 5B Pacific Hwy South
- Fife 5C Pacific Hwy South
- Fife 6 I-5 West/Representative
- Fife 7 I-5 East
- Fife 8 I-5 Median
- Fife 9A 20th Street
- Fife 9B 20th Street

Exhibit E-11

Level 1 Alternatives - Fife

Date: 7/30/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\Fife_Alts_Presentation.mxd

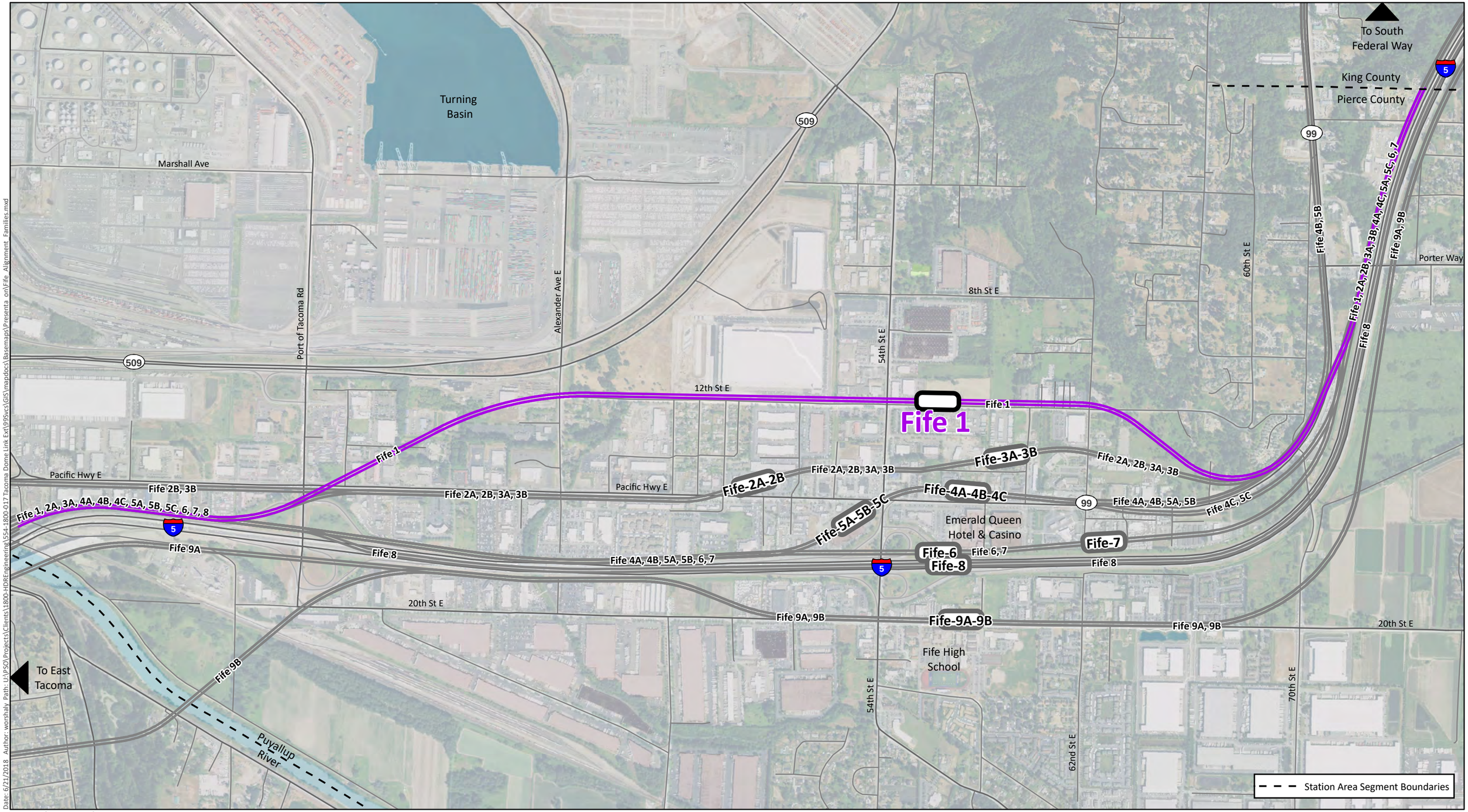

Source: © Mapbox, © OpenStreetMap

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta on\Fife_Alignment_Families.mxd

0 500 1,000 2,000 Feet

SOUNDTRANSIT

I-5 West to 12th Street Alignment Family

- Other Alignments
- Fife 1 12th Street

Exhibit E-12

Level 1 Alternatives - Fife - I-5 West to 12th Street Alignment Family

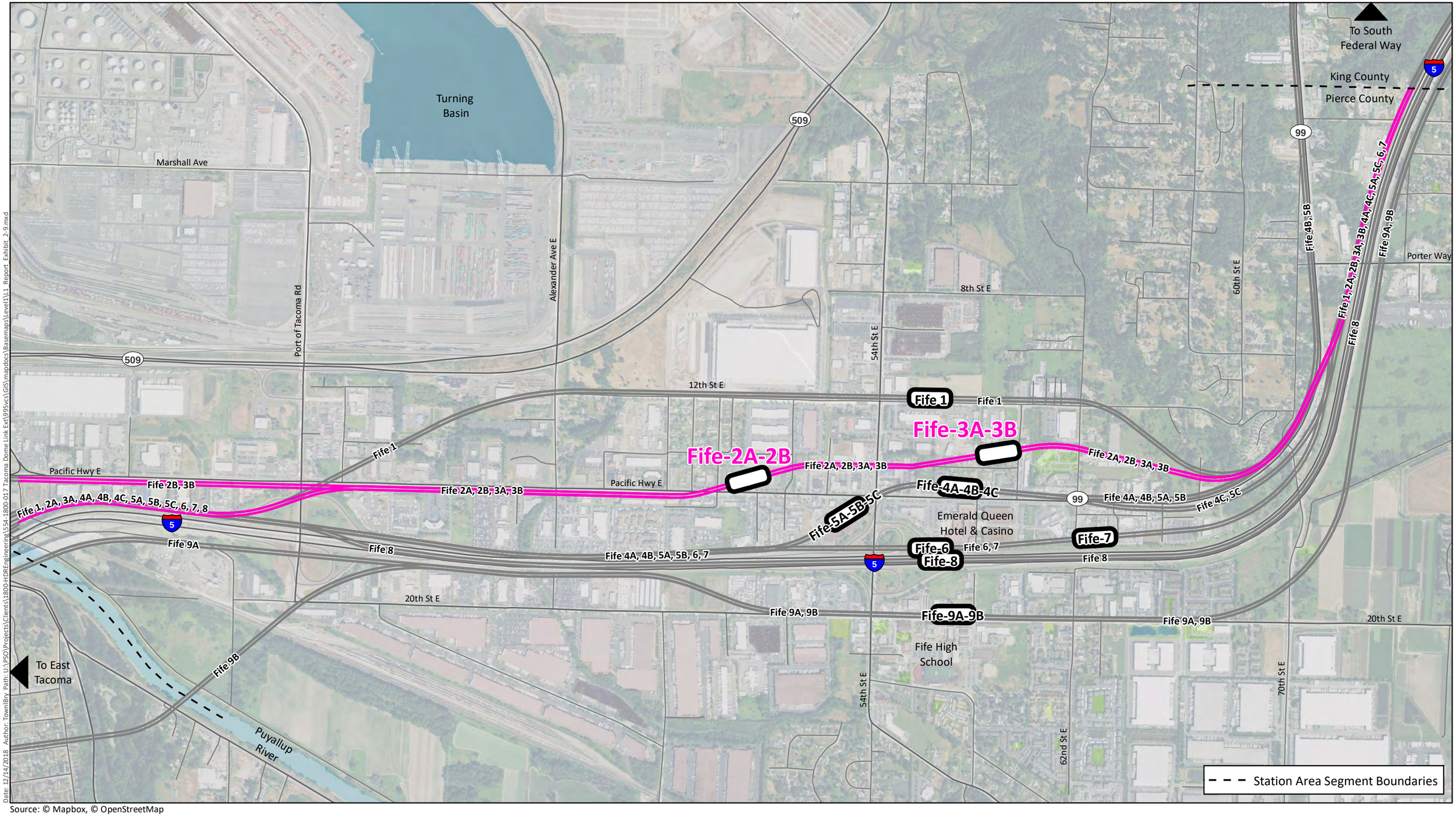

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Pacific Highway West/15th Street Alignment Family

- Other Alignments
- Fife 2A Pacific Highway West
- Fife 2B Pacific Highway West
- Fife 3A 15th St
- Fife 3B 15th St

Exhibit E-13

Level 1 Alternatives - Fife - Pacific Highway West/15th Street Alignment Family

Date: 12/14/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_2-9.mxd

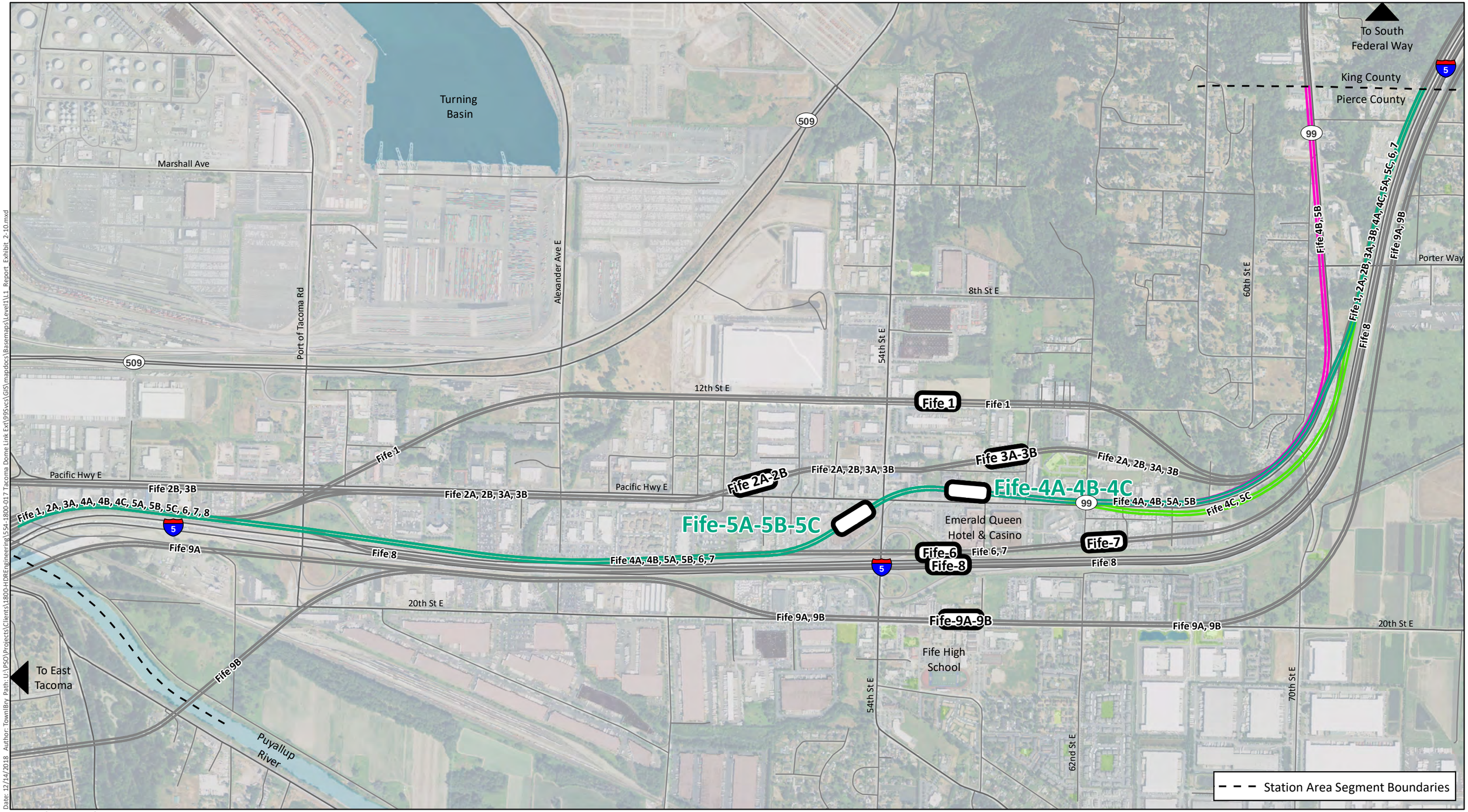

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Pacific Highway East/South Alignment Family

- Other Alignments
- Fife 4A Pacific Highway East
- Fife 4B Pacific Highway East
- Fife 4C Pacific Highway East
- Fife 5A Pacific Highway South
- Fife 5B Pacific Highway South
- Fife 5C Pacific Highway South

Exhibit E-14

Level 1 Alternatives - Fife - Pacific Highway East/South Alignment Family

Date: 12/14/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_2-10.mxd

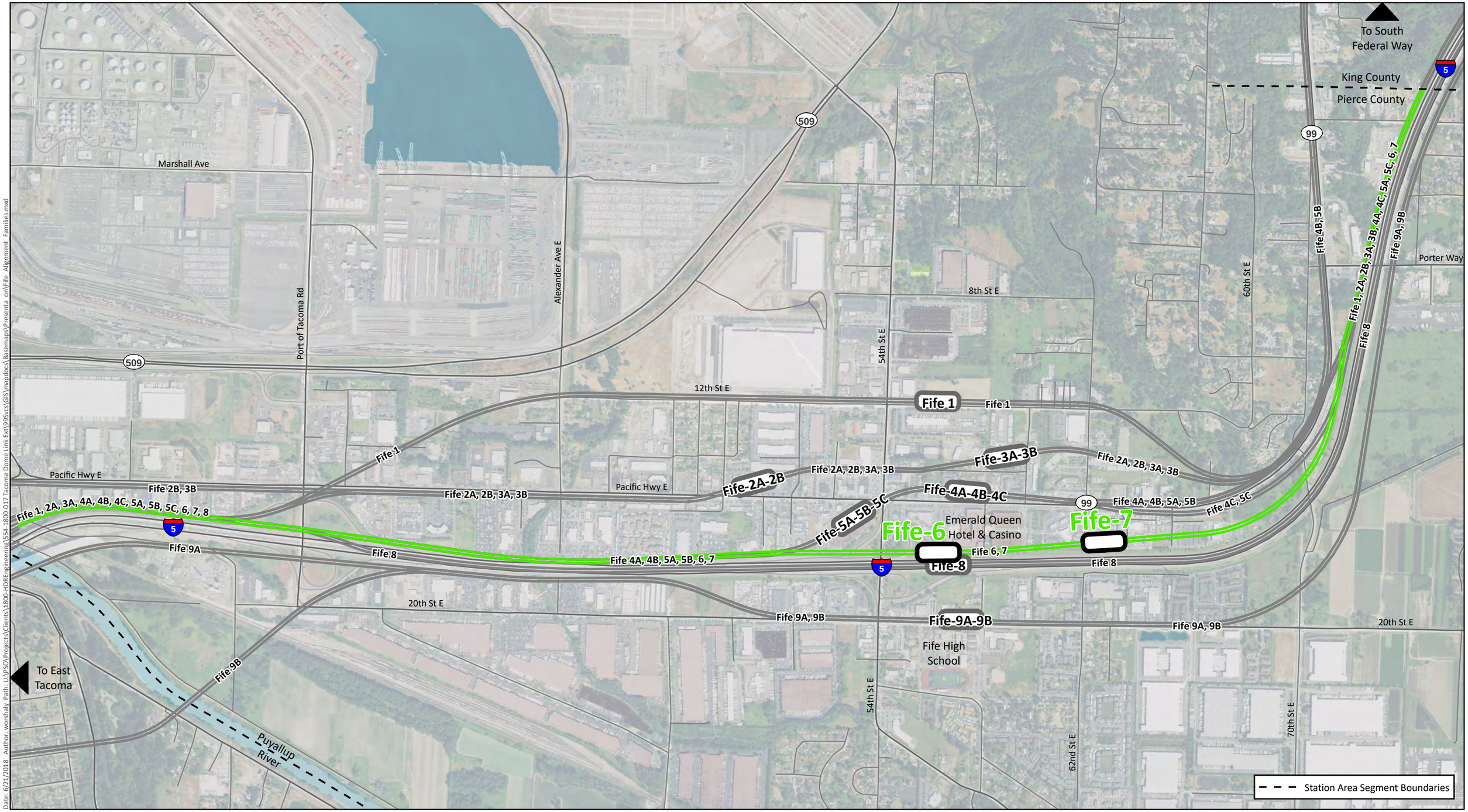

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

I-5 West/Representative Alignment Family

- Other Alignments
- Fife 6 I-5 West/Representative
- Fife 7 I-5 East

Exhibit E-15

Level 1 Alternatives - Fife - I-5 West/Representative Alignment Family

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta on\Fife_Alignment_Families.mxd

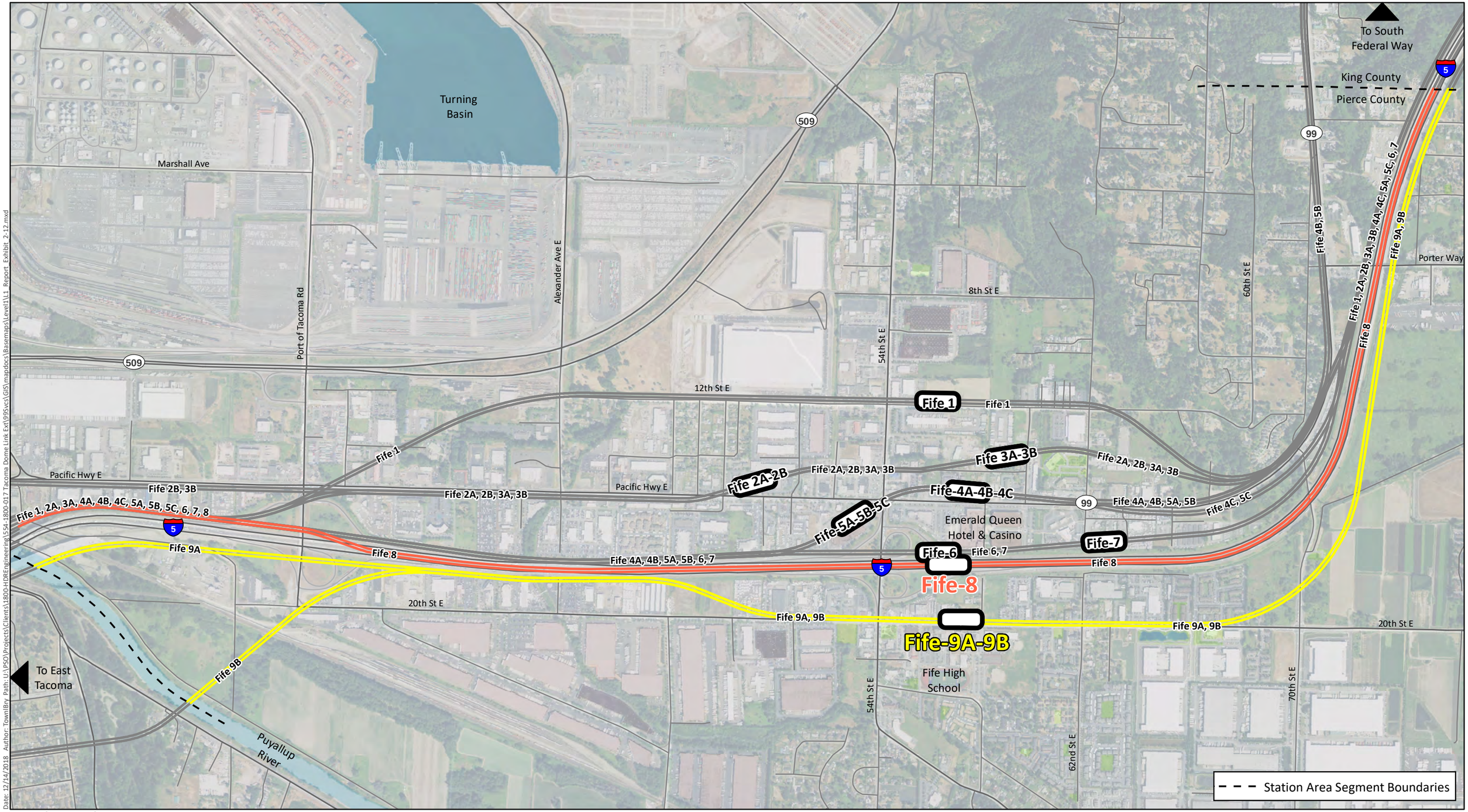

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

I-5 Median/I-5 South Alignment Family

- Other Alignments
- Fife 8 I-5 Median
- Fife 9A 20th Street
- Fife 9B 20th Street

Exhibit E-16

Level 1 Alternatives - Fife - I-5 Median/I-5 South Alignment Family

Date: 12/14/2018 Author: TownlBy Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_2-12.mxd

East Tacoma

There are 11 alternatives in East Tacoma (ET) that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street, as shown on Exhibit E-17.

Puyallup Avenue

The Puyallup Avenue alternatives include ET 1A Puyallup Avenue (I-5 West to Puyallup) and ET 1B Puyallup Avenue (SR 99 to Puyallup), as depicted on Exhibit E-18. For a detailed description of the Puyallup Avenue alternatives, see Section 2.2.

East 25th Street

The East 25th Street alternative includes ET 2 25th Street, as depicted on Exhibit E-19. For a detailed description of the East 25th Street alternative, see Section 2.2.

East 26th Street/Representative

The East 26th Street/Representative alternatives include ET 3 26th Street East, ET 4A-C 27th Street North, and ET 6 26th Street West, as depicted on Exhibit E-20. For a detailed description of the East 26th Street/Representative alternatives, see Section 2.2.

East 26th/27th Street

The East 26th/27th Street alternatives include ET 5 27th Street South, ET 7 29th Street, and ET 8 34th Street, as depicted on Exhibit E-21. For a detailed description of the East 26th/27th Street alternatives, see Section 2.2.

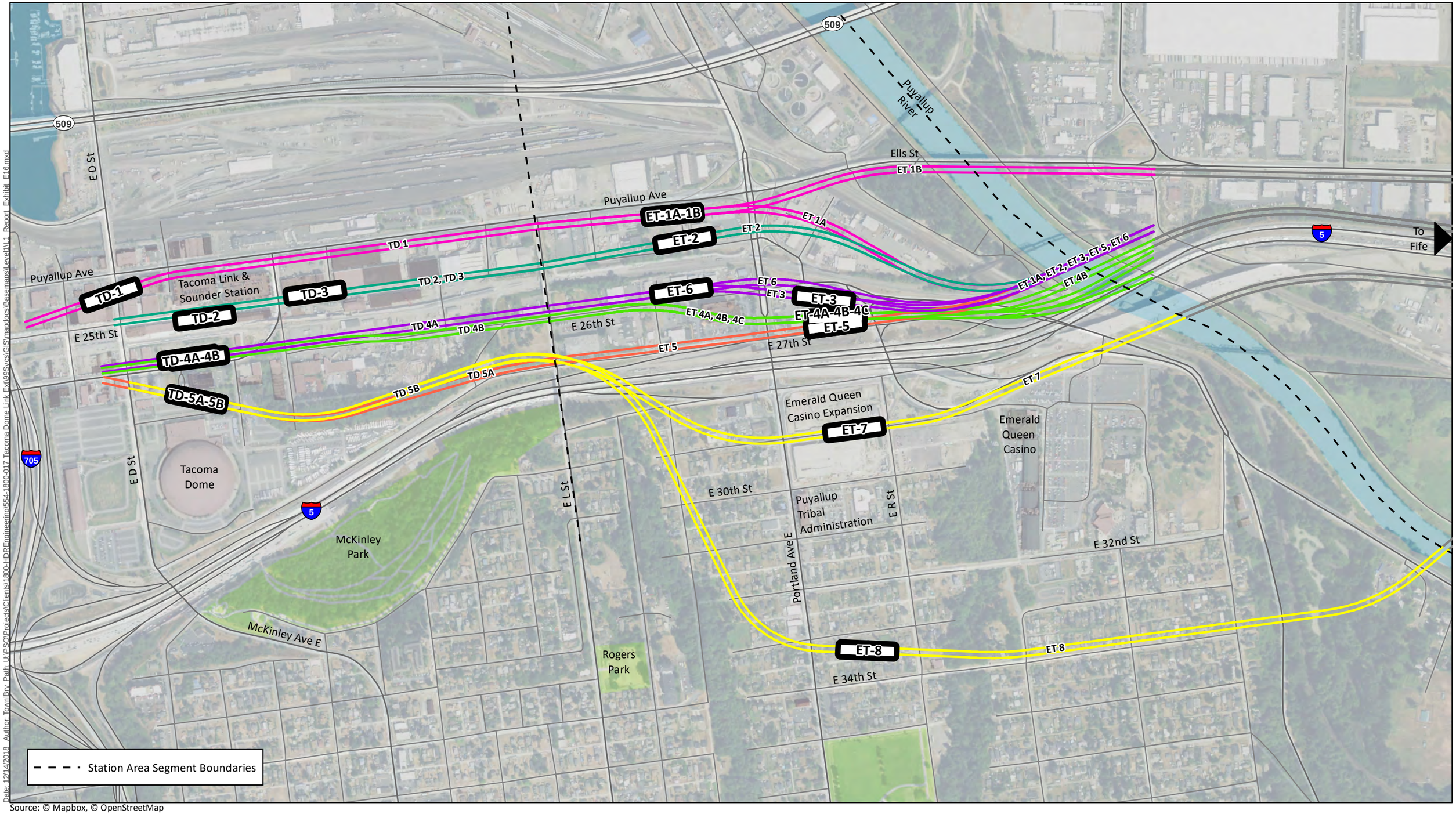

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

Tacoma Dome Alternative Alignments

- TD 1 Puyallup Avenue
- TD 2 25th Street West
- TD 3 25th Street East
- TD 4A 26th Street
- TD 4B 26th Street/Representative
- TD 5A 27th Street
- TD 5B 27th Street

East Tacoma Alternative Alignments

- ET 1A Puyallup Avenue
- ET 1B Puyallup Avenue
- ET 2 25th Street
- ET 3 26th Street East
- ET 4A 27th Street North
- ET 4B 27th Street North/Representative
- ET 4C 27th Street North
- ET 5 27th Street South
- ET 6 26th Street West
- ET 7 29th Street
- ET 8 34th Street

Exhibit E-17

Level 1 Alternatives - East Tacoma and Tacoma Dome

Date: 12/14/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_E16.mxd

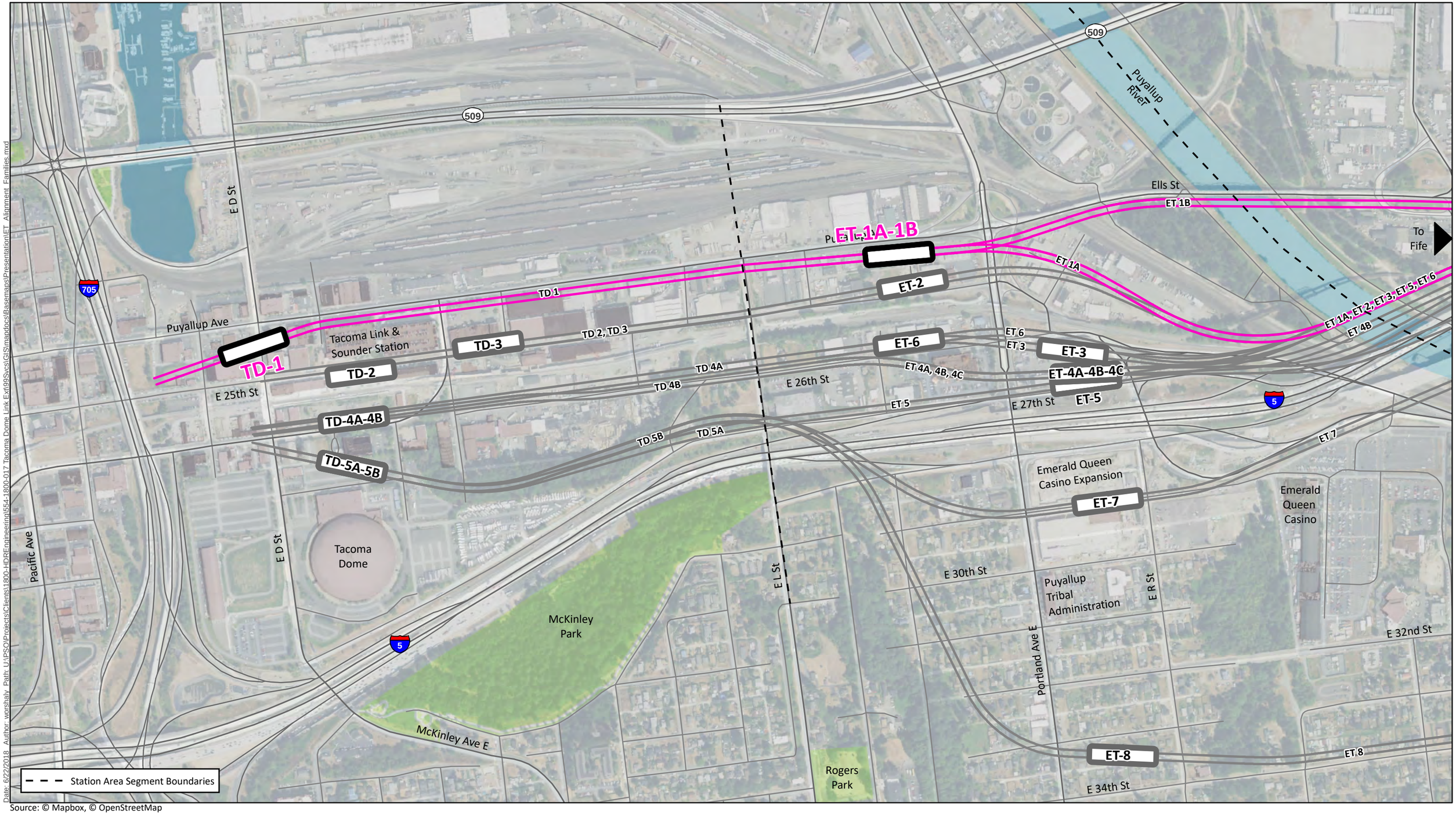

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

Puyallup Avenue Alignment Family

- Other Alignments
- ET 1A Puyallup Avenue
- ET 1B Puyallup Avenue
- TD 1 Puyallup Ave

Exhibit E-18

Level 1 Alternatives - East Tacoma and Tacoma Dome - Puyallup Avenue Alignment Family

Date: 6/22/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\ET_Alignment_Families.mxd

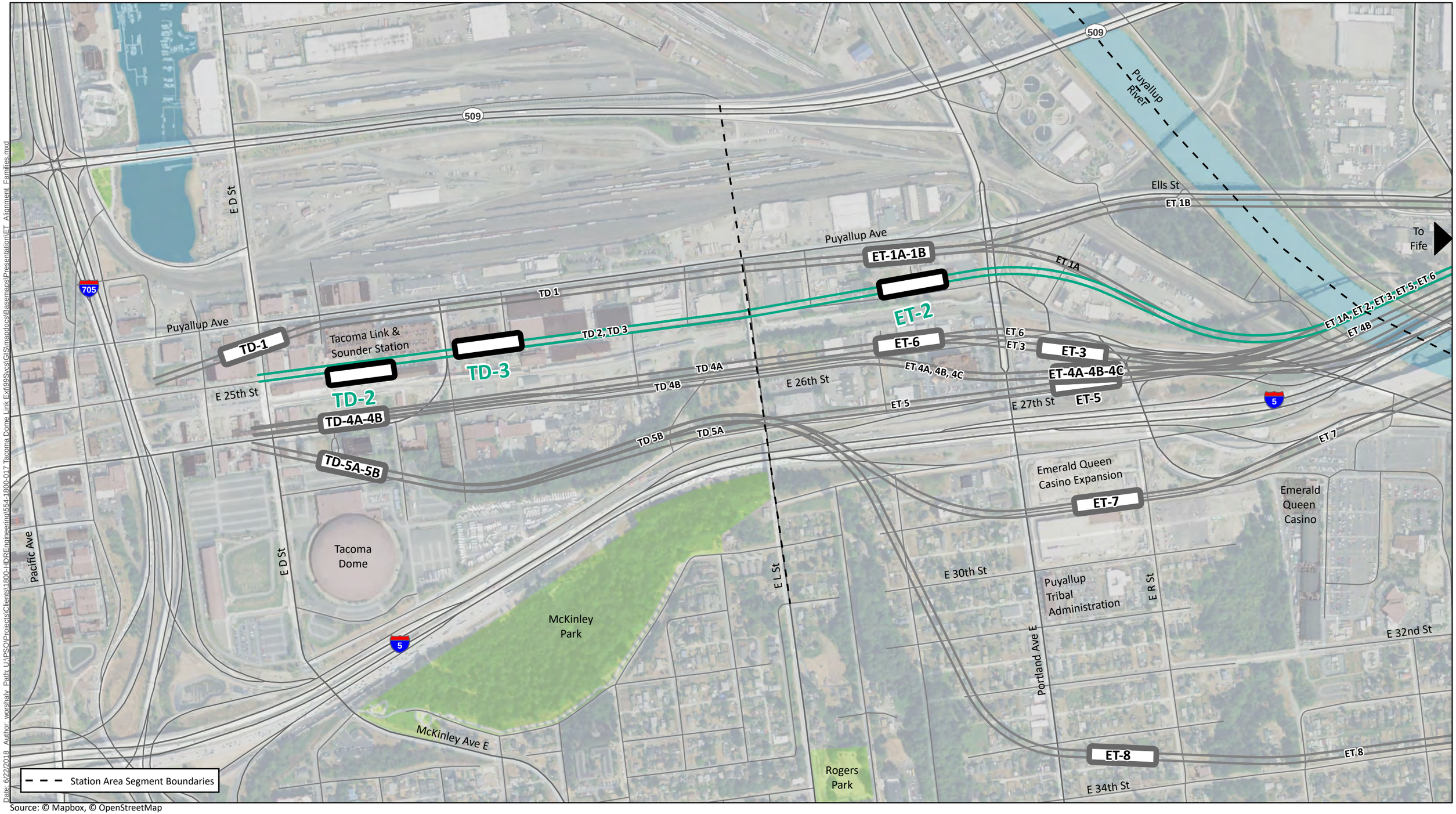

Date: 6/22/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\ET_Alignment_Families.mxd

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

East 25th Street Alignment Family

- Other Alignments
- ET 2 25th Street
- TD 2 25th Street West
- TD 3 25th Street East

Exhibit E-19

Level 1 Alternatives - East Tacoma and Tacoma Dome - East 25th Street Alignment Family

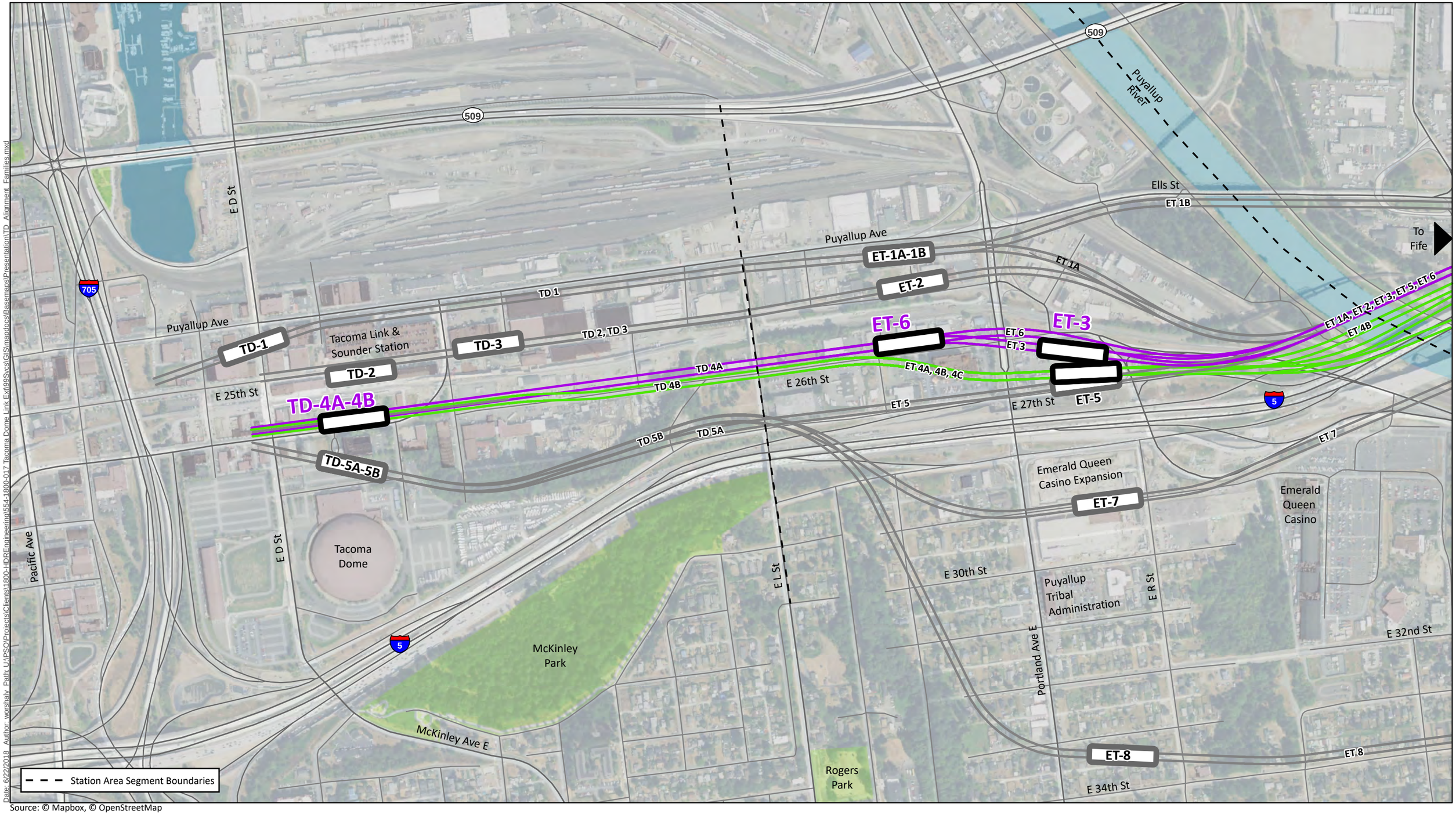

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

East 26th Street/Representative Alignment Family

- Other Alignments
- TD 4A 26th Street
- TD 4B 26th Street/Representative
- ET 3 26th Street East
- ET 4A 27th Street North
- ET 4B 27th Street North/Representative
- ET 4C 27th Street North
- ET 6 26th St West

Exhibit E-20

Level 1 Alternatives - East Tacoma and Tacoma Dome - East 26th Street/ Representative Alignment Family

Date: 6/22/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\Engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\TD_Alignment_Families.mxd

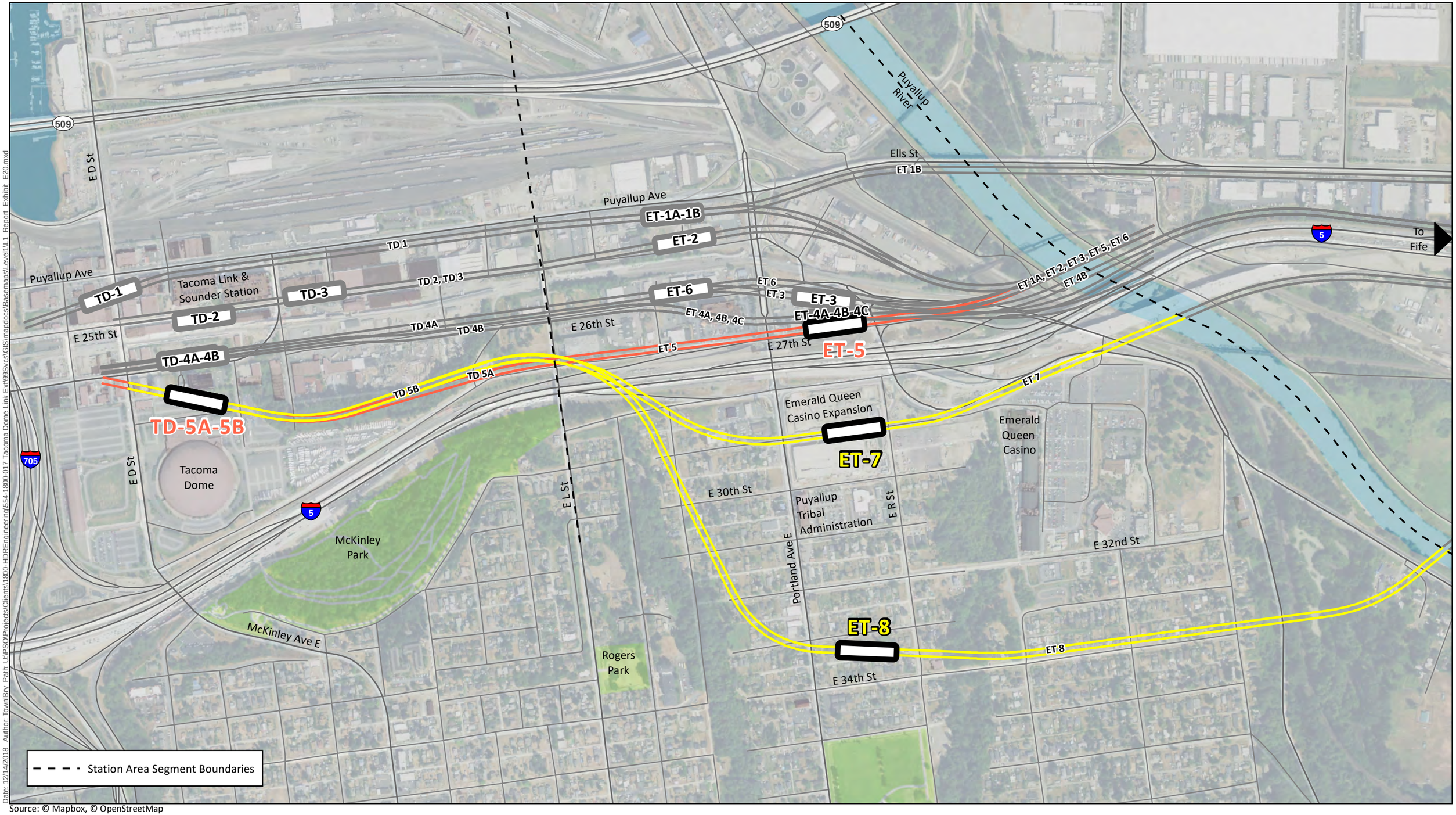

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

East 26th Street/27th Street Alignment Family

- Other Alignments
- TD 5A 27th Street
- TD 5B 27th Street
- ET 5 27th Street South
- ET 7 29th Street
- ET 8 34th Street

SOUNDTRANSIT

Exhibit E-21

Level 1 Alternatives - East Tacoma and Tacoma Dome - East 26th Street/27th Street Alignment Family

Date: 12/14/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_E20.mxd

Tacoma Dome

There are seven alternatives at the Tacoma Dome (TD) that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street, as shown on Exhibit E-17.

Puyallup Avenue

The Puyallup Avenue alternative includes TD 1 Puyallup Avenue, as depicted on Exhibit E-18. For a detailed description of the Puyallup Avenue alternative, see Section 2.2.

East 25th Street

The East 25th Street alternatives include TD 2 25th Street West and TD 3 25th Street East, as depicted on Exhibit E-19. For a detailed description of the East 25th Street alternatives, see Section 2.2.

East 26th Street/Representative

The East 26th Street/Representative alternatives include TD 4A-B 26th Street, as depicted on Exhibit E-20. For a detailed description of the East 26th Street/Representative alternatives, see Section 2.2.

East 26th/27th Street

The East 26th/27th Street alternatives include TD 5A-B 27th Street, as depicted on Exhibit E-21. For a detailed description of the East 26th/27th Street alternatives, see Section 2.2.

Level 1 Criteria

The Purpose and Need Statement for this project establishes five objectives that have been used to develop the evaluation criteria for the Level 1 analysis of alternatives. These objectives are to:

- Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs;
- Support Sustainable Land Use Plans, Economic Development, and TOD;
- Preserve the Environment;
- Support Equitable Mobility; and
- Provide a Financially Sustainable and Constructible Project.

Exhibit E-22, Level 1 Screening, lists these objectives and evaluation criteria, which were used to develop measures to assess the differences among the alternatives. The qualitative and quantitative measures were used to select alternatives for a more detailed Level 2 evaluation. A broad set of initial alternatives were reviewed against the Purpose and Need of the project and the screening criteria for the Level 1 analysis.

EXHIBIT E-22
Level 1 Screening

Evaluation Criteria	Measures
Objective: Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs **Purpose and Need:** • Provide high quality rapid, reliable, accessible, and efficient light rail transit service connecting the communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to other destinations on the regional HCT system. • Meet projected transit demand and offer an alternative to travel on congested roadways, better connecting people to where they live, work, and play. • Expand mobility for people in the corridor and region, including low income, minority, or transit-dependent populations.	
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations
Objective: Support Sustainable Land Use Plans, Economic Development, and TOD **Purpose and Need:** • Connect regional centers as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan Update(Sound Transit 2014b). • Encourage equitable and sustainable urban growth in station areas through support of TOD and multimodal integration in a manner that is consistent with adopted local comprehensive plans and policies, including Sound Transit's Transit Oriented Development and Sustainability Policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.	
Supports future TOD opportunities	L1.4: Consistency with local and Tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature
Promotes multimodal access and connections	L1.7: Qualitative assessment of bike and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas
Objective: Preserve the Environment **Purpose and Need:** • Preserve and promote a healthy and sustainable environment and economy by minimizing adverse impacts on the natural, built, and social environments.	
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act (ESA) species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax-generating properties impacted L1.11: Estimated number of Tribal parcels impacted L1.12: Presence of known Section 4(f), park, historic, culturally-significant Tribal properties, or other protected areas

EXHIBIT E-22
Level 1 Screening

Evaluation Criteria	Measures
	L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste
Objective: Support Equitable Mobility **Purpose and Need:** • Expand mobility for people in the corridor and region, including low income, minority, or transit-dependent populations.	
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations
Objective: Provide a Financially Sustainable and Constructible Project **Purpose and Need:** • Develop a light rail extension that is technically and financially feasible to build, operate, and maintain, consistent with the regional system defined by the Sound Transit 3 Plan and the Regional Transit Long-Range Plan update, which was developed through a robust local planning process that established transit mode, corridor, and general station locations.	
Financial considerations	L1.20: Major cost elements beyond the representative project description
Constructability and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly-owned right-of-way L1.23: Capability to accommodate future expansion included in the Regional Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk

The proposed methodologies for assessing the measures outlined in Exhibit E-22 are described in Chapter 3, Level 1 Evaluation Criteria.

Level 1 Evaluation Summary

A total of 51 alternatives across the four segments were evaluated for Level 1 analysis between the Federal Way Transit Center and Tacoma Dome Station area. These alternatives are further described in Chapter 2, Pre-screening of Alternatives.

Process to Identify Level 2 Alternatives

In September 2018, the results of the Level 1 Evaluation were reviewed by the ELG, Interagency Group (IAG), the Stakeholder Group, and the public. These groups provided input on the Level 1 evaluation and findings, and the ELG made a recommendation on which alternatives should continue to Level 2. Exhibit E-23, Summary of Level 1 Findings and Results, summarizes the full range of alternatives reviewed in Level 1 and which of those were advanced to Level 2 by the ELG for further development and evaluation.

EXHIBIT E-23
Summary of Level 1 Findings and Results

Alternative	Results
SOUTH FEDERAL WAY	
Enchanted Parkway	
SF 1 Enchanted/348th	✗ SF 1 is being removed due to higher property impacts of alignment and station compared to SF 2 and SF 3, which serve the same station area and have similar alignment types along Enchanted Parkway South. The alignment is slightly longer and includes an additional major arterial street crossing. Not preferred by the local jurisdiction.
SF 2 Enchanted/352nd	✓ Advance for further study in Level 2.
SF 3 Enchanted/356th	✓ Advance for further study in Level 2.
SR 99	
SF 4A 99 North (SR 99 to I-5) SF 4B 99 North (SR 99) SF 4C 99 North (I-5 to SR 99) SF 4D 99 North (I-5 to SR 99 to I-5)	✓ Advance for further study in Level 2.
SF 5A 99 South (SR 99) SF 5B 99 South (I-5 to SR 99)	✗ SF 5A and 5B are being removed due to lower-performing stations (multimodal access and TOD potential) compared to SF 4 alternatives that have a nearby station and offer the same SR 99 alignment choices. Not preferred by the local jurisdiction.
I-5 West	
SF 6 I-5/344th	✗ Removed due to lower-performing station (multimodal access, stream/wetlands, and TOD) along an alignment that is already being considered in alternatives SF 8 and SF 9.
SF 7 I-5/352nd (Representative)	✗ Removed for same reasons as SF 6 and impacts to major retail business loading area.
SF 8 I-5/356th	✓ Advance for further study in Level 2.
SF 9 I-5/Jet	✓ Advance for further study in Level 2.
SF 10 I-5/359th	✗ Removed for same reasons as SF 6.
I-5 Median	
SF 11 I-5 Median	✗ Removed due to lack of effective multimodal access to station location, lower TOD potential, higher potential environmental impacts due to the need to widen I-5, higher construction impacts, and higher engineering risks and challenges due to additional structures and bridges to cross I-5 and reconfigure existing ramps. Not supported by the Federal Highway Administration (FHWA) or the Washington State Department of Transportation (WSDOT).
I-5 East	
SF 12 I-5 East/Enchanted	✗ Removed due to lower-performing station on multimodal access, ridership and TOD potential, and higher engineering risks and challenges of additional structures to cross I-5.
SF 13 I-5 East/Wild Waves	✗ Removed for same reasons as SF 12.
FIFE	
12th Street	
Fife 1 12th Street	✓ Advance for further study in Level 2, with alignment modifications to avoid an area of Tribal ownership.

EXHIBIT E-23
Summary of Level 1 Findings and Results

Alternative	Results
Pacific Highway West	
Fife 2A Pacific Highway West	✗ Removed due to higher impacts of the alignment to multiple properties under Tribal ownership. Removal was also based on a lower-performing station site that was outside the Fife planned city center area, and for lower multimodal access and TOD potential. In addition, the alignment featured higher property and potential transportation impacts because of its location along SR 99. Not preferred by the local jurisdiction.
Fife 2B Pacific Highway West	✗ Removed for same reasons as Fife 2A, but also due to the SR 99 alignment approaching Tacoma that would have required a Puyallup River crossing on property of cultural importance to the Puyallup Tribe.
Fife 3A 15th Street Fife 3B 15th Street	✓ Advance for further study in Level 2.
Pacific Highway to I-5	
Fife 4A Pacific Highway East Fife 4B Pacific Highway East Fife 4C Pacific Highway East	✓ Advance for further study in Level 2.
Fife 5A Pacific Highway South Fife 5B Pacific Highway South Fife 5C Pacific Highway South	✗ Removed due to lower-performing stations based on congestion, multimodal access, and TOD measures. Aside from the station area, the alignments are being considered in other alternatives. Not preferred by the local jurisdiction.
I-5 West	
Fife 6 I-5 West	✗ Removed due to an alignment that conflicts with the planned SR 167 interchange, and that would impact a major Tribal property. Removal was also due to lower performance for multimodal access, congestion, and TOD measures, largely as a result of the access constraints and development posed by I-5 and the 54th Avenue East Interchange directly adjacent. Not preferred by the local jurisdiction.
Fife 7 I-5 West (Representative)	✗ Removed based on same alignment concerns as Fife 6, and due to a station that is more removed from the planned city center area than other alternatives, with lower performance for multimodal access and TOD potential.
I-5 Median	
Fife 8 I-5 Median	✗ Removed due to longer travel times, lack of effective multimodal access to the median station location, lower TOD potential, higher potential environmental impacts due to the need for major I-5 widening/modifications, higher construction impacts, and higher engineering risks and challenges. Not supported by FHWA or WSDOT.
I-5 South	
Fife 9A 20th Street	✗ Removed due to longer travel times; higher property impacts; higher impacts to farmlands, wetlands, and floodplains; and the need for an additional crossing of I-5 to the north or south. The station served by this alignment was lower-performing on multimodal access and TOD measures, and is well outside the Fife city center area.
Fife 9B 20th Street	✗ Removed for similar reasons as Fife 9A, with a station that is even more distant from Fife's city center area. Their associated alignments also cross into areas that are farmlands and floodplains, with a higher potential for archaeological and cultural impacts.
EAST TACOMA	
Puyallup Avenue	
ET 1A Puyallup Avenue (I-5 West to Puyallup)	✓ Advance for further study in Level 2.
ET 1B Puyallup Avenue (SR 99 to Puyallup)	✗ Removed due to a sub-alignment that impacts an area of cultural significance to the Puyallup Tribe adjacent to the Puyallup River. The same station and the rest of the alignment advanced with ET 1A.
25th Street	
ET 2 25th Street	✓ Advance for further study in Level 2.

EXHIBIT E-23
Summary of Level 1 Findings and Results

Alternative	Results
26th Street	
ET 3 26th Street - East	✓ Advance for further study in Level 2.
ET 6 26th Street - West	✓ Advance for further study in Level 2.
27th to 26th Street	
ET 4A 27th Street - North ET 4B 27th Street - North (Representative) ET 4C 27th Street - North	✓ Advance for further study in Level 2.
27th Street	
ET 5 27th Street - South	✓ Advance for further study in Level 2.
South of I-5	
ET 7 29th Street	✗ Removed due to impacts to major Tribal properties and Tribal economic development plans and carrying more residential displacements. Removal also due to the engineering, construction, and operational challenges of a sloped and curving crossing above one of the wider sections of I-5 where there is an overpass and auxiliary ramps on both sides of the freeway.
ET 8 34th Street	✗ Removed for similar reasons as ET 7, but with higher levels of residential and neighborhood impacts, including to multiple blocks under Tribal ownership. Longer, slower-curving alignment negatively affects travel times and operations. Also, involved an eastern crossing of the Puyallup River with farmland and floodplain impacts and greater potential to impact areas of cultural and historic significance to the Puyallup Tribe.
TACOMA DOME	
Puyallup Avenue	
TD 1 Puyallup Avenue	✓ Advance for further study in Level 2.
25th Street	
TD 2 25th Street - West	✓ Advance for further study in Level 2.
TD 3 25th Street - East	✓ Advance for further study in Level 2.
26th Street	
TD 4A 26th Street TD 4B 26th Street (Representative)	✓ Advance for further study in Level 2.
27th Street	
TD 5A 27th Street TD 5B 27th Street	✗ Removed due to a station that was lower-performing for multimodal access and TOD potential, in part because the Tacoma Dome, topography, and Sounder tracks limited its access potential. Other alignment alternatives include a station in the same general vicinity but with fewer impacts and better connections. Potential connecting alignments crossing I-5 from East Tacoma also were not advanced.

Next Steps

The next steps in the project are to complete the more detailed evaluation of the alternatives that were advanced by the ELG. The conceptual designs of the alternatives will be further developed, and additional measures will be used in the analysis. This evaluation, called the Level 2 evaluation, will be used by the ELG and the Sound Transit Board of Directors to further refine and select the preferred alternative and additional alternatives to study further in the EIS for TDLE.

1 Introduction

The Central Puget Sound Regional Transit Authority (Sound Transit) and the Federal Transit Administration (FTA) are conducting an alternatives analysis to start the public planning and environmental processes for the Tacoma Dome Link Extension (TDLE). The proposed project is part of the Sound Transit 3 (ST3) Plan approved by voters in 2016. The project starts where the Federal Way Link Extension ends at the Federal Way Transit Center in the City of Federal Way in south King County and continues to the Tacoma Dome area in the City of Tacoma in Pierce County. The TDLE is an element of the regional Metropolitan Transportation Plan (the Puget Sound Regional Council [PSRC] 2040 Transportation Plan), and Sound Transit's Long-Range Transit Plan.

As part of the ST3 Plan, two new light rail maintenance facilities, one in the north and one in the south service area, were identified to support the expansion of light rail. The operations and maintenance facility (OMF) to serve overall regional system expansion, particularly for service in South King and Pierce counties, is called the Operations and Maintenance Facility: South (OMF South) and is evaluated in a separate report.

The public planning and environmental processes begin with development of this Level 1 Alternatives Analysis. The Level 1 Alternatives Analysis is intended to define a reasonable range of options that meet the project Purpose and Need, can be implemented at a reasonable cost, and would not result in unacceptable affects to the environment or community.

1.1 Relationship of this Evaluation to Project Development

The initial pre-screening process involved two steps: 1) considering if the alternatives being studied satisfy the Purpose and Need Statement, and 2) evaluating the alternatives for consistency with the Sound Transit 3 (ST3) Plan, which is the basis for the proposed project. The initial alignments and station concepts were developed into potential alternatives for the Level 1 evaluation process. The Level 1 Evaluation assessed the performance of the alternatives using evaluation measures based on the Purpose and Need. During the early phase of the alternatives development, Sound Transit met with local agencies and stakeholders to obtain input on potential projects and transit service ideas.

The alternatives selected by the Elected Leadership Group (ELG) will be advanced and further evaluated in Level 2, using more detailed criteria. The Level 1 and Level 2 evaluations include criteria such as transportation benefits, cost, ridership, transit oriented development (TOD), land use plans, technical feasibility, and environmental impacts. These evaluations will help Sound Transit to identify the alternatives to be considered in an environmental impact statement (EIS), including the preferred alternative.

1.2 Tacoma Dome Link Extension Corridor Background

Sound Transit is building on previous studies and plans that led to the proposed extension of light rail to the Tacoma Dome, called TDLE. These studies include:

- Federal Way to Tacoma High-Capacity Transit (HCT) Study. In 2013 to 2014, Sound Transit conducted an HCT study covering the south corridor, including South King and Pierce counties. The study evaluated multiple corridors and transit modes for extending HCT from Federal Way to Tacoma.
- Regional Long-Range Plan Update. Also in 2013 to 2014, Sound Transit updated its Long-Range Plan and prepared a Washington State Environmental Policy Act (SEPA) EIS. The update confirmed regional light rail as the preferred mode for the extended corridor to Tacoma.
- ST3 System Plan. During ST3 system planning in 2015 and 2016, Sound Transit evaluated representative projects for inclusion in the November 2016 ballot measure. Voters approved the ST3 Plan, which includes an extension of light rail from the Federal Way Transit Center to the Tacoma Dome with stops in the south Federal Way, Fife, east Tacoma, and Tacoma Dome areas. Operations planning also identified the need for an OMF to serve the south corridor and the entire Link system.
- Federal Way Link Extension: The planning for this extension of light rail from the Angle Lake station in SeaTac to the Federal Way Transit Center began in 2012 and completed National Environmental Policy Act (NEPA) and SEPA environmental processes in 2017. The Federal Way Link Extension is now entering its final design and construction phases for opening in 2024. It is the starting point at the north end of the TDLE.

1.3 Overview of Alternatives Analysis Process

The purpose of the alternatives analysis process is to identify the alternatives to be evaluated in an EIS, including the preferred alternative. To refine the alternatives, input from the Tribes, agencies, and the public was considered throughout the process. Because the resulting project will seek federal funding, the FTA general guidance for conducting alternatives analysis was incorporated into the study process. This process included initiating the study, developing and refining alternatives and methodologies, analyzing and evaluating alternatives, and (in the future) identifying a preferred alternative, as shown on Exhibit 1-1.

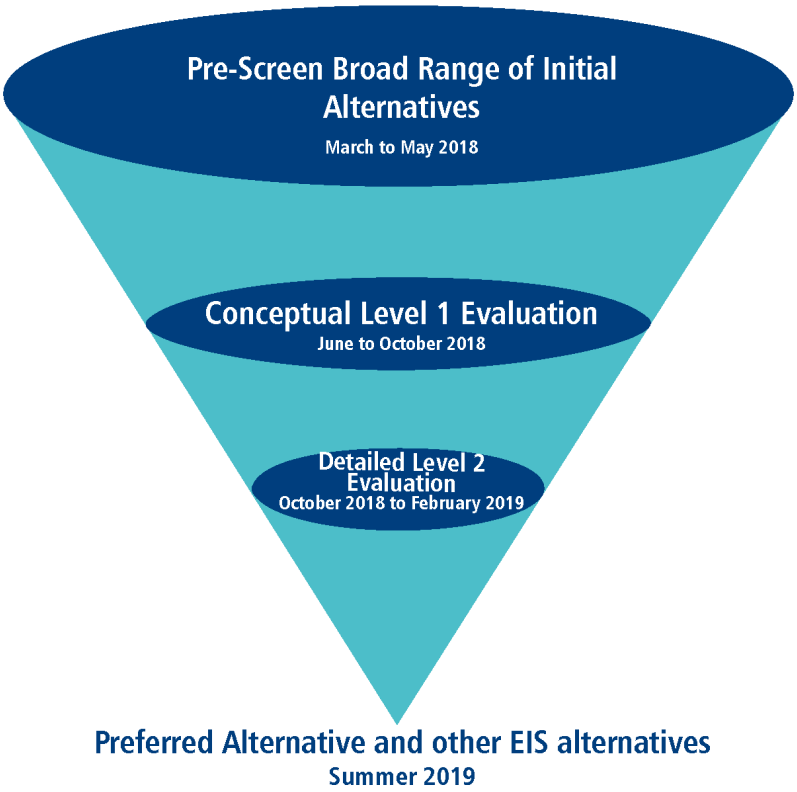

EXHIBIT 1-1
Alternatives Evaluation Process

Information from the regional and local plans and projects, as well as previous work from the ST3 Plan, was reviewed as part of initiating of the TDLE project, and a draft Purpose and Need Statement for the project was developed. The draft Purpose and Need established the objectives that were used to develop the evaluation criteria and measures for the Level 1 analysis.

The next step, pre-screening alternatives to identify those that do not meet the Purpose and Need, helped to refine the alternatives that were analyzed in the Level 1 screening. The alternatives were then defined so that the evaluation measures of the study could be used to assess the transportation, environmental, and financial effects of each alternative. At this early stage in the process, the Level 1 analysis applied both qualitative and quantitative criteria to evaluate the alternatives based on early conceptual design. The representative project from ST3 was included in the Level 1 alternatives. The alternatives selected by the ELG were refined and carried forward into the Level 2 analysis.

The Level 2 Evaluation will apply more quantitative criteria and compare the alternatives for the TDLE. The results of the Level 2 analysis will be presented to the Sound Transit Board to help them identify a preferred alternative to be evaluated in the EIS.

1.4 Organization of this Report

This report is organized into the following chapters:

1. Introduction: This chapter introduces the alternatives evaluation phase of the TDLE, some background on the corridor, and an explanation of the alternatives analysis process.
2. Pre-Screening of Alternatives: This chapter discusses alternatives identified in previous studies or submitted during the early scoping process that were pre-screened from further evaluation because they do not meet the project Purpose and Need, they have engineering or environmental constraints that make them infeasible, or they are inconsistent with adopted local and regional plans for public transportation infrastructure. This chapter also provides a summary of the project Purpose and Need and the alternatives evaluated in Level 1 of the alternatives evaluation.
3. Level 1 Evaluation Criteria: This chapter presents the evaluation criteria used to examine and compare the alternatives defined in Chapter 2. These criteria relate directly to the Purpose and Need and goals and objectives of the project.
4. Level 1 Analysis Results: This chapter provides the results of how each Level 1 alternative described in Chapter 2 performs under each criterion described in Chapter 3. Results are organized by criteria and provide a comparison between alternatives for each criterion.
5. Findings and Conclusions: This chapter summarizes the key findings of each alternative related to the evaluation criteria, and also summarizes which alternatives will not be advanced to Level 2 of alternatives evaluation.
6. References: This chapter lists the references used in this report.

2 Pre-Screening of Alternatives

The initial pre-screening process involves two steps: 1) considering if the alternatives being studied satisfy the Purpose and Need Statement, and 2) evaluating the alternatives for consistency with the project scope defined in the ST3 Plan and selected by the Sound Transit Board for voter approval, which is the basis for the proposed project.

During the pre-screening of alternatives, Sound Transit also received Tribal, agency, and public input during early scoping (April 2 through May 3, 2018).

2.1 Draft Purpose and Need

The purpose of the TDLE is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area in order to:

- Provide high quality rapid, reliable, accessible, and efficient light rail transit service connecting the communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians (Puyallup Tribe) to other destinations on the regional HCT system.
- Meet projected transit demand and offer an alternative to travel on congested roadways, better connecting people to where they live, work, and play.
- Connect regional centers as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan Update (Sound Transit 2014b).
- Develop a light rail extension that is technically and financially feasible to build, operate, and maintain, consistent with the regional system defined by the Sound Transit 3 Plan (Sound Transit 2016) and the Regional Transit Long-Range Plan Update, which was developed through a robust local planning process that established transit mode, corridor, and general station locations.
- Expand mobility for people in the corridor and region, including low income, minority, and transit-dependent populations.
- Encourage equitable and sustainable urban growth in station areas through support of TOD and multimodal integration in a manner that is consistent with adopted local comprehensive plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies.
- Preserve and promote a healthy and sustainable environment and economy by minimizing adverse impacts on the natural, built, and social environments.
- Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.

The project is needed because:

- Roadway congestion is increasing on Interstate 5 (I-5) and State Route 99 (SR 99), two of the primary highways connecting King and Pierce counties, affecting reliability for transit, automobiles, and freight.
- There is not enough transit capacity to serve the corridor's riders today or in the future.
- The Puget Sound Regional Council (PSRC), the regional metropolitan planning organization, and local plans call for HCT to serve long-term population and employment growth in the corridor, consistent with PSRC's VISION 2040 (PSRC 2009) and the Sound Transit Regional Transit Long-Range Plan Update.
- South King and Pierce counties' citizens and communities, including low-income and minority populations, and/or transit-dependent populations and residents, need long-term regional mobility and multimodal connectivity as called for in the Washington State Growth Management Act.
- Regional and local plans call for increased residential, commercial, and employment growth and density in areas to be served by HCT and multimodal transportation systems.
- Environmental and sustainability goals of the state and region include reducing greenhouse gas emissions by reducing total vehicle miles traveled and by increasing mobility options that do not rely on combustible fuels (RCW 47.01.440, PSRC VISION 2040, and 2018 Regional Transportation Plan [Sound Transit 2018a]).

2.2 Development of Alternatives

Identification of potential concepts for the TDLE project began by reviewing previous work done in regional planning studies, including Sound Move—The Ten-Year Regional Transit System Plan (Sound Transit 1996), the Regional Transit Long-Range Plan (Sound Transit 2005), Sound Transit 2: A Mass Transit Guide—The Regional Transit System Plan for Central Puget Sound (Sound Transit 2008), Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 2016), and the Federal Way to Tacoma High Capacity Transit Corridor Study (Sound Transit 2014). Local planning studies were also reviewed. The existing transit network and plans for the Federal Way Link Extension were also considered.

Based on previous studies and public involvement completed for the adoption of the Long-Range Plan and the EIS, and on the results of the Federal Way to Tacoma High Capacity Transit Corridor Study and related ST3 planning and outreach, the Sound Transit Board has already adopted light rail transit (LRT) as the mode to serve the South Corridor connecting Seattle to Tacoma. Therefore, only LRT alternatives are being considered for the TDLE.

Alternatives developed during the pre-screening process include different alignment and station concepts. The alignment refers to the horizontal location on the ground within a corridor and

the vertical elevation of the aerial guideway. The vertical profile of all TDLE alternatives is assumed to be elevated except for relatively short at-grade alignment sections in locations where elevated street crossings are not required. More detailed information regarding specific design details will be developed in later phases of the project. The initial range of alternatives are generally located within the SR 99 or I-5 corridors as shown in Exhibit 2-1. The pre-screening of alternatives was undertaken to identify and screen out alignment and station concepts that did not warrant further consideration in the Level 1 evaluation.

2.2.1 South Federal Way

There are 17 alternatives in South Federal Way (SF) that can generally be categorized into four alignment families: Enchanted Parkway, SR 99, I-5 West/Representative, and I-5 Median/I-5 East, as shown on Exhibit 2-2.

2.2.1.1 Alternatives Advanced for Level 1 Evaluation

2.2.1.1.1 Enchanted Parkway

The Enchanted Parkway alternatives include SF 1 Enchanted/348th, SF 2 Enchanted/352nd, and SF 3 Enchanted/356th, as depicted on Exhibit 2-3:

- SF 1 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 until just south of South 336th Street, where the alignment begins to travel southwest towards 16th Avenue South/Enchanted Parkway South. SF 1 then continues to travel along the west side of Enchanted Parkway South until reaching I-5, where the alignment continues along the west side of I-5 through South Federal Way. The station is located at South 348th Street and Enchanted Parkway South.
- SF 2 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 until South 344th Street, where the alignment begins to travel southwest towards 16th Avenue South/Enchanted Parkway South. SF 2 then continues to travel along the east side of Enchanted Parkway South until reaching I-5, where the alignment continues along the west side of I-5 through South Federal Way. The station is located at Enchanted Parkway South and South 352nd Street.
- SF 3 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 until just south of South 344th Street, where the alignment begins to travel southwest towards 16th Avenue South/Enchanted Parkway South. SF 3 then continues to travel along the east side of Enchanted Parkway South until reaching I-5, where the alignment continues along the west side of I-5 through South Federal Way. The station is located at Enchanted Parkway South and South 356th Street.

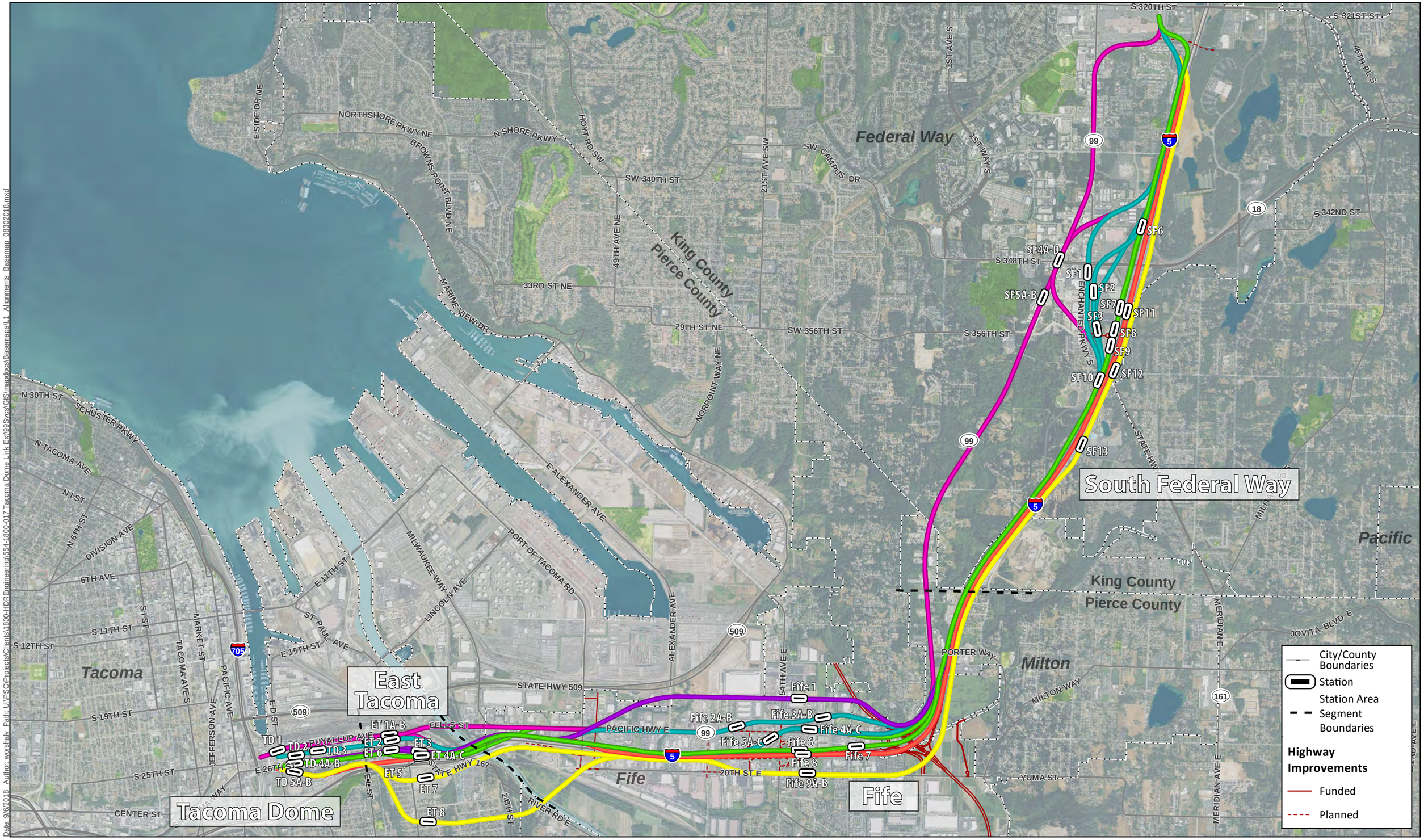

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

SOUNDTRANSIT

Exhibit 2-1

Level 1 Alternatives for the Tacoma Dome Link Extension

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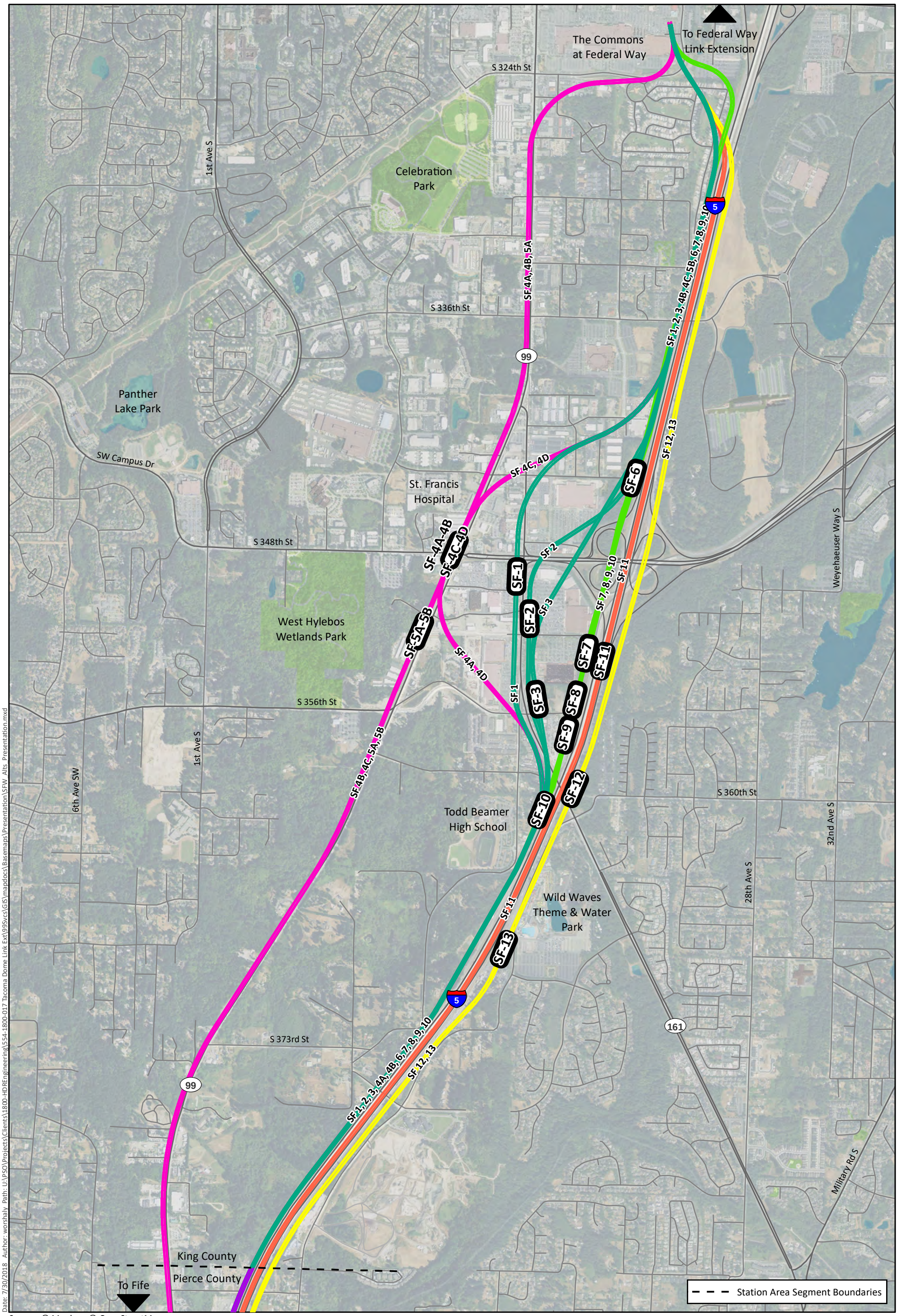

Source: © Mapbox, © OpenStreetMap

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0 625 1,250 2,500 Feet

SOUNDTRANSIT

South Federal Way Alternative Alignments

- SF 1 Enchanted/348th
- SF 2 Enchanted/352nd
- SF 3 Enchanted/356th
- SF 4A SR 99 to I-5
- SF 4B SR 99
- SF 4C I-5 to SR 99
- SF 4D I-5 to SR 99 to I-5
- SF 5A SR 99
- SF 5B I-5 to SR 99
- SF 6 I-5/344th
- SF 7 I-5/352nd/Representative
- SF 8 I-5/356th
- SF 9 I-5/Jet
- SF 10 I-5/359th
- SF 11 I-5 Median
- SF 12 I-5 East/Enchanted
- SF 13 I-5 East/Wild Waves

Exhibit 2-2

Level 1 Alternatives - South Federal Way

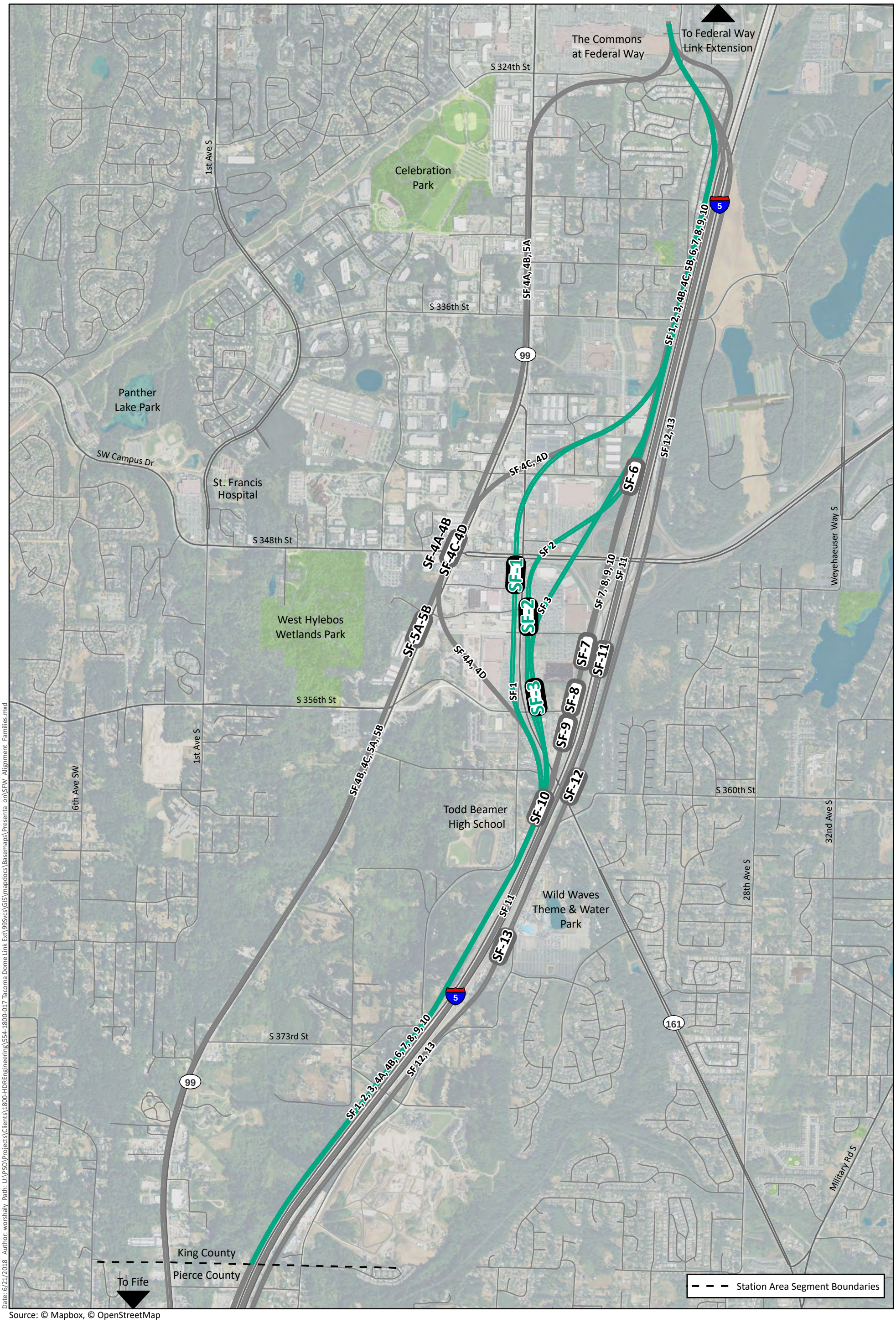

Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

Enchanted Parkway Alignment Family

- Other Alignments
- SF 1 Enchanted/348th
- SF 2 Enchanted/352nd
- SF 3 Enchanted/356th

Exhibit 2-3

Level 1 Alternatives - South Federal Way - Enchanted Parkway Alignment Family

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Presenta on\SFW_Alignment_Families.mxd

2.2.1.1.2 SR 99

The SR 99 alternatives include SF 4A 99 North (SR 99 to I-5), SF 4B 99 North (SR 99), SF 4C 99 North (I-5 to SR 99), SF 4D 99 North (I-5 to SR 99 to I-5), SF 5A 99 South (SR 99), and SF 5B 99 South (I-5 to SR 99), as depicted on Exhibit 2-4:

- SF 4A travels southwest from the terminus of the Federal Way Link Extension along South 324th Street until SR 99, where it continues south along the west side of SR 99. Just north of South 352nd Street, SF 4A begins to travel southeast until it reaches the west side of I-5 at Enchanted Parkway South. SF 4A continues along the west side of I-5 through the remainder of South Federal Way. The station is located at South 348th Street and SR 99.
- SF 4B travels southwest from the terminus of the Federal Way Link Extension along South 324th Street until SR 99, where it continues south along the west side of SR 99 through South Federal Way. The station is located at South 348th Street and SR 99.
- SF 4C travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 until just south of South 336th Street, where the alignment begins to travel southwest towards SR 99. SF 4C continues along the west side of SR 99 through South Federal Way. The station is located at South 348th Street and SR 99.
- SF 4D travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5until just south of South 336th Street, where the alignment begins to travel southwest towards SR 99. SF 4D continues along the west side of SR 99 until just north of South 352nd Street, where the alignment begins to travel southeast until it reaches the west side of I-5 at Enchanted Parkway South. The station is located at South 348th Street and SR 99.
- SF 5A travels southwest from the terminus of the Federal Way Link Extension along South 324th Street until SR 99, where it continues south along the west side of I-5 through South Federal Way. The station is located at South 352nd Street and SR 99.
- SF 5B travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 until just south of South 336th Street, where the alignment begins to travel southwest towards SR 99. SF 5B continues along the west side of SR 99 through South Federal Way. The station is located at South 352nd Street and SR 99.

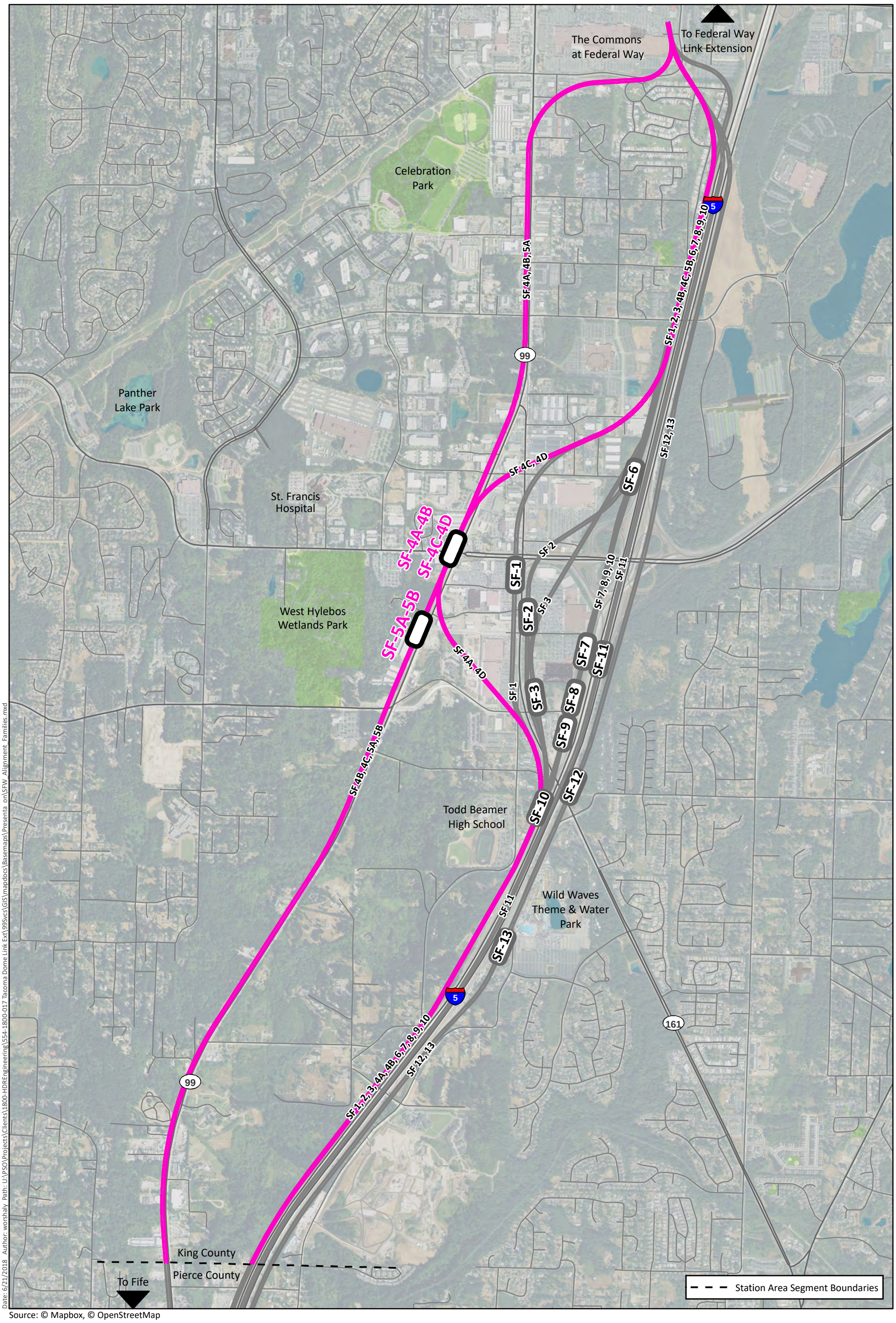

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta_on\SFW_Alignment_Families.mxd

Source: © Mapbox, © OpenStreetMap

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SOUNDTRANSIT

SR 99 Alignment Family

- Other Alignments
- SF 4A SR 99 to I-5
- SF 4B SR 99
- SF 4C I-5 to SR 99
- SF 4D I-5 to SR 99 to I-5
- SF 5A SR 99
- SF 5B I-5 to SR 99

Exhibit 2-4

Level 1 Alternatives - South Federal Way - SR 99 Alignment Family

2.2.1.1.3 I-5 West/Representative Alignment

The I-5 West/Representative alternatives include SF 6 I-5/344th, SF 7 I-5/352nd (Representative), SF 8 I-5/356th, SF 9 I-5/Jet, and SF 10 I-5/359th, as depicted on Exhibit 2-5:

- SF 6 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 through South Federal Way. The station is located at South 344th Street and I-5.
- SF 7 travels east just north of Winged Foot Way towards I-5, where the alignment travels along the west side of I-5 from the terminus of the Federal Way Link Extension through South Federal Way. The station is located at South 352nd Street and I-5. SF 7 is the Representative Project.
- SF 8 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 through South Federal Way. The station is located just north of South 356th Street and I-5.
- SF 9 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 through South Federal Way. The station is located just south of South 356th Street and I-5.
- SF 10 travels south-southeast from the terminus of the Federal Way Link Extension to align along the west side of I-5 through South Federal Way. The station is located at South 359th Street and I-5.

2.2.1.1.4 I-5 Median/I-5 East

The I-5 Median/I-5 East alternatives include SF 11 Median, SF 12 I-5 East/Enchanted, and SF 13 I-5 East/Wild Waves, as depicted on Exhibit 2-6:

- SF 11 travels southeast from the terminus of the Federal Way Link Extension into the I-5 median, where the alignment continues through South Federal Way. The station is located adjacent to South 352nd Street in the I-5 median.
- SF 12 travels southeast from the terminus of the Federal Way Link Extension across I-5, where the alignment continues south along the east side of I-5 through South Federal Way. The station is located at Enchanted Parkway South and I-5.
- SF 13 travels southeast from the terminus of the Federal Way Link Extension across I-5, where the alignment continues south along the east side of I-5 through South Federal Way. The station is located South 369th Street and I-5.

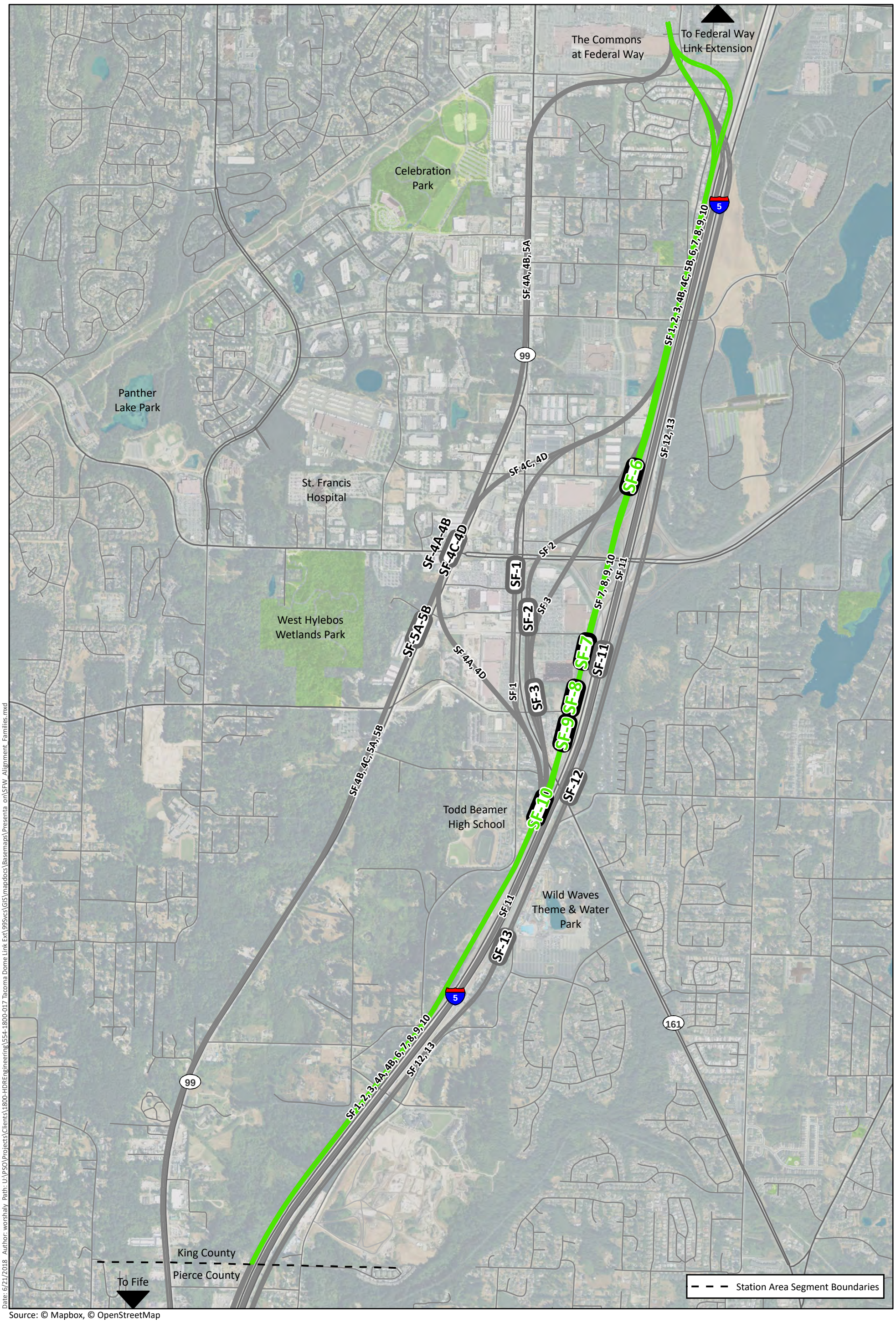

Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

I-5 West/Representative Alignment Family

- Other Alignments
- SF 6 I-5/344th
- SF 6 I-5/344th
- SF 8 I-5/356th
- SF 9 I-5/Jet
- SF 10 I-5/359th

Exhibit 2-5

Level 1 Alternatives - South Federal Way - I-5 West/ Representative Alignment Family

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta_on\SFW_Alignment_Families.mxd

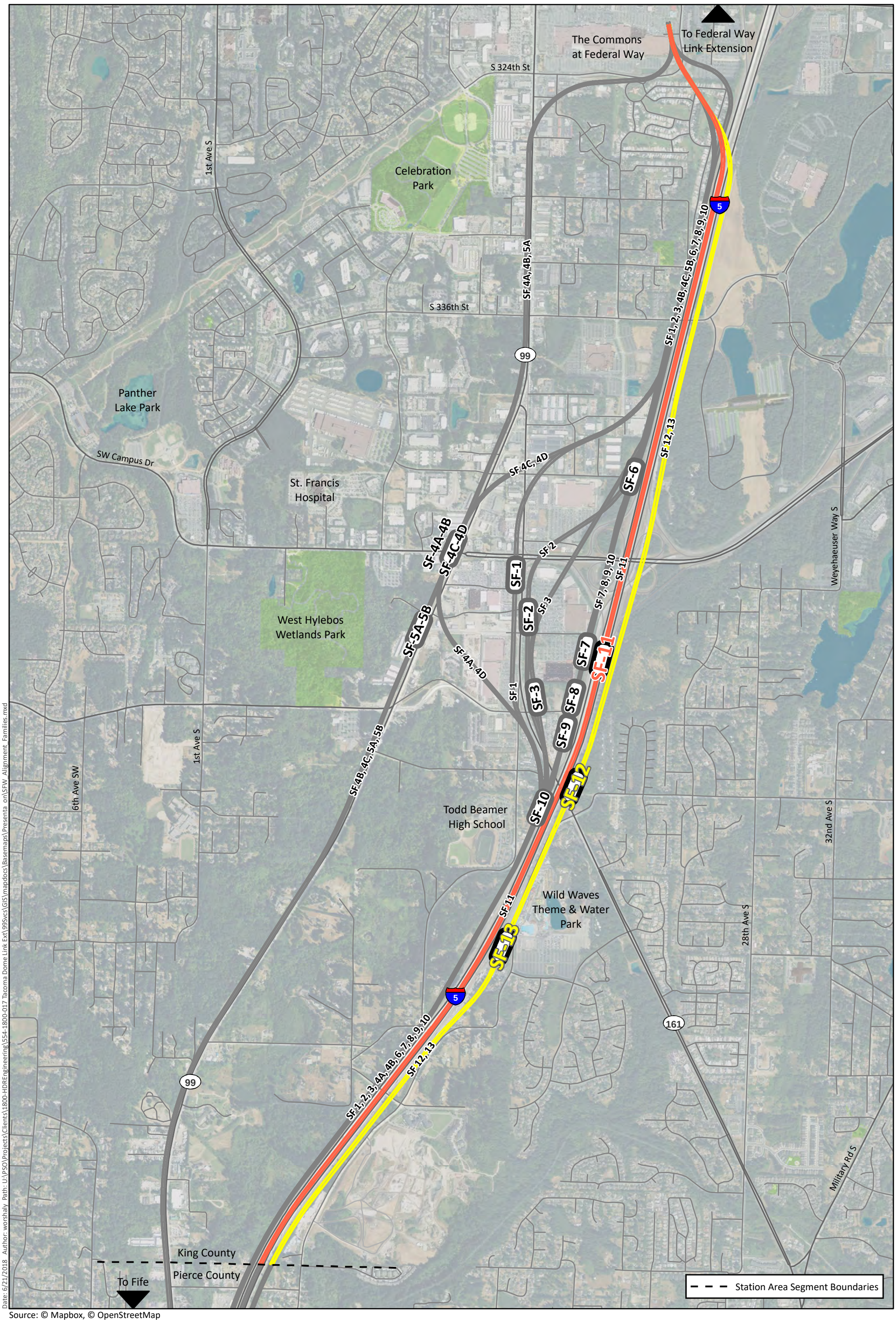

Station Area Segment Boundaries

Source: © Mapbox, © OpenStreetMap

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta_on\SFW_Alignment_Families.mxd

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SOUNDTRANSIT

I-5 Median/I-5 East Alignment Family

- Other Alignments
- SF 11 I-5 Median
- SF 12 I-5 East/Enchanted
- SF 13 I-5 East/Wild Waves

Exhibit 2-6

Level 1 Alternatives - South Federal Way - I-5 Median/I-5 East Alignment Family

2.2.1.2 Alternatives Not Advanced for Level 1 Evaluation

One station location did not advance from the pre-screening phase into Level 1, as shown on Exhibit 2-7:

- A station located to the northwest of the I-5/SR 18 interchange in the Weyerhaeuser property—this station concept is inconsistent with the ST3 Plan because it is located outside of the South Federal Way activity center.

2.2.2 Fife

There are 16 alternatives in Fife that can generally be categorized into five alignment families: I-5 West to 12th Street, Pacific Highway/15th Street, Pacific Highway East/South, I-5 West/Representative, and I-5 Median/I-5 South, as shown on Exhibit 2-8.

2.2.2.1 Alternatives Advanced for Level 1 Evaluation

2.2.2.1.1 I-5 West to 12th Street

The I-5 West to 12th Street alternative includes Fife 1 12th Street, as depicted on Exhibit 2-9:

- Fife 1 travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife Ridge. Fife 1 then continues west along the north side of 12th Street East until just west of Alexander Avenue East, where the alignment travels southwest towards the north side of I-5 through the remainder of Fife. The station is located just east of 54th Avenue East on 12th Street East.

2.2.2.1.2 Pacific Highway West/15th Street

The Pacific Highway West/15th Street alternatives include Fife 2A-B Pacific Highway West and Fife 3A-B 15th Street, as depicted on Exhibit 2-10:

- Fife 2A travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife Ridge. Fife 2A then continues west along 15th Street East until just east of Willow Road East, where it continues southwest to travel along the south side of Pacific Highway East. At the Port of Tacoma Road, Fife 2A travels southwest along the westbound on-ramp to the north side of I-5, where it continues through Fife. The station is located just east of Willow Road East and Pacific Highway East.
- Fife 2B travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife Ridge. Fife 2B then continues west along 15th Street East until just east of Willow Road East, where it continues southwest to

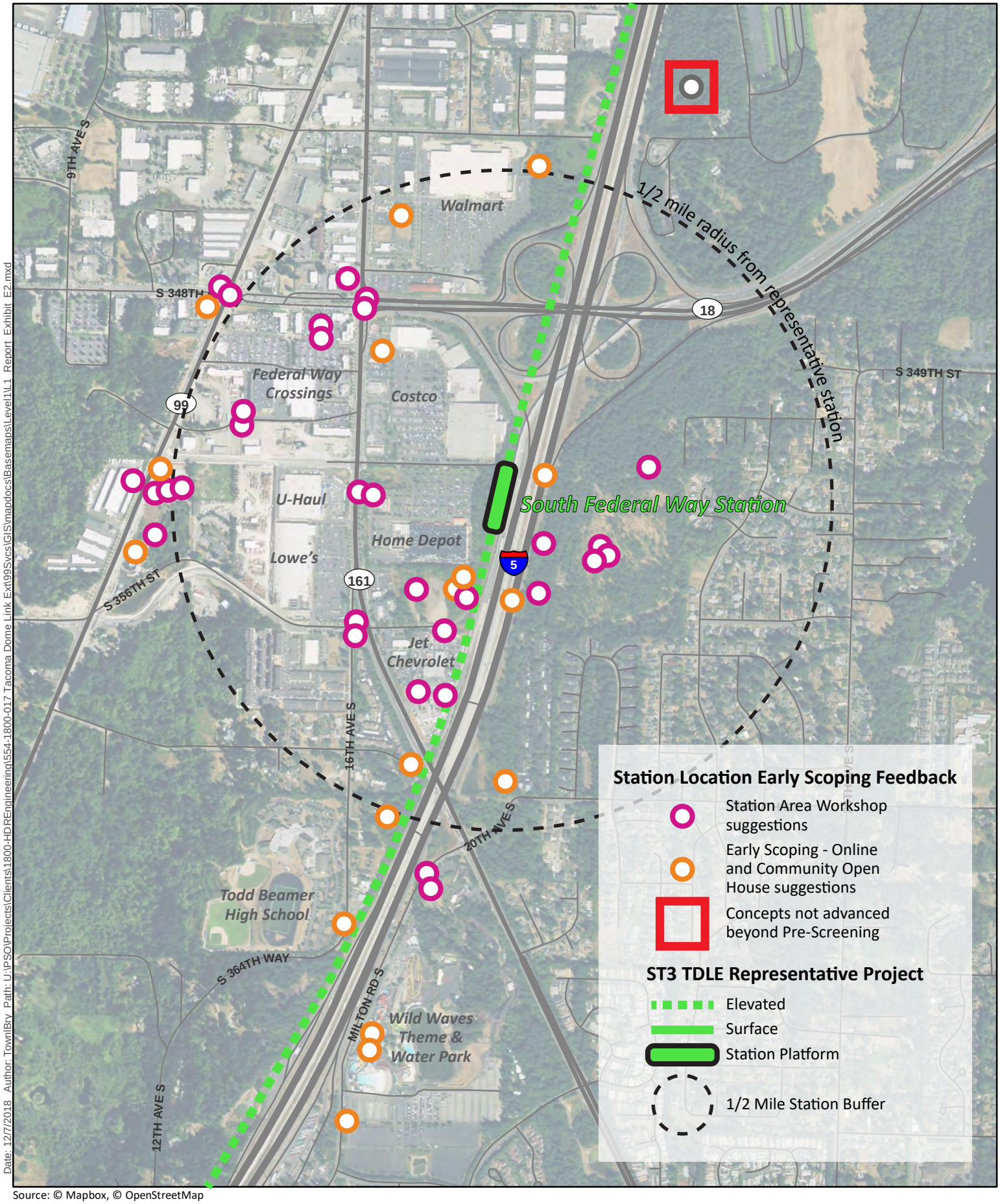

Source: © Mapbox, © OpenStreetMap

Date: 12/7/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E2.mxd

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SOUNDTRANSIT

Exhibit 2-7

TDLE Station Location Feedback

South Federal Way

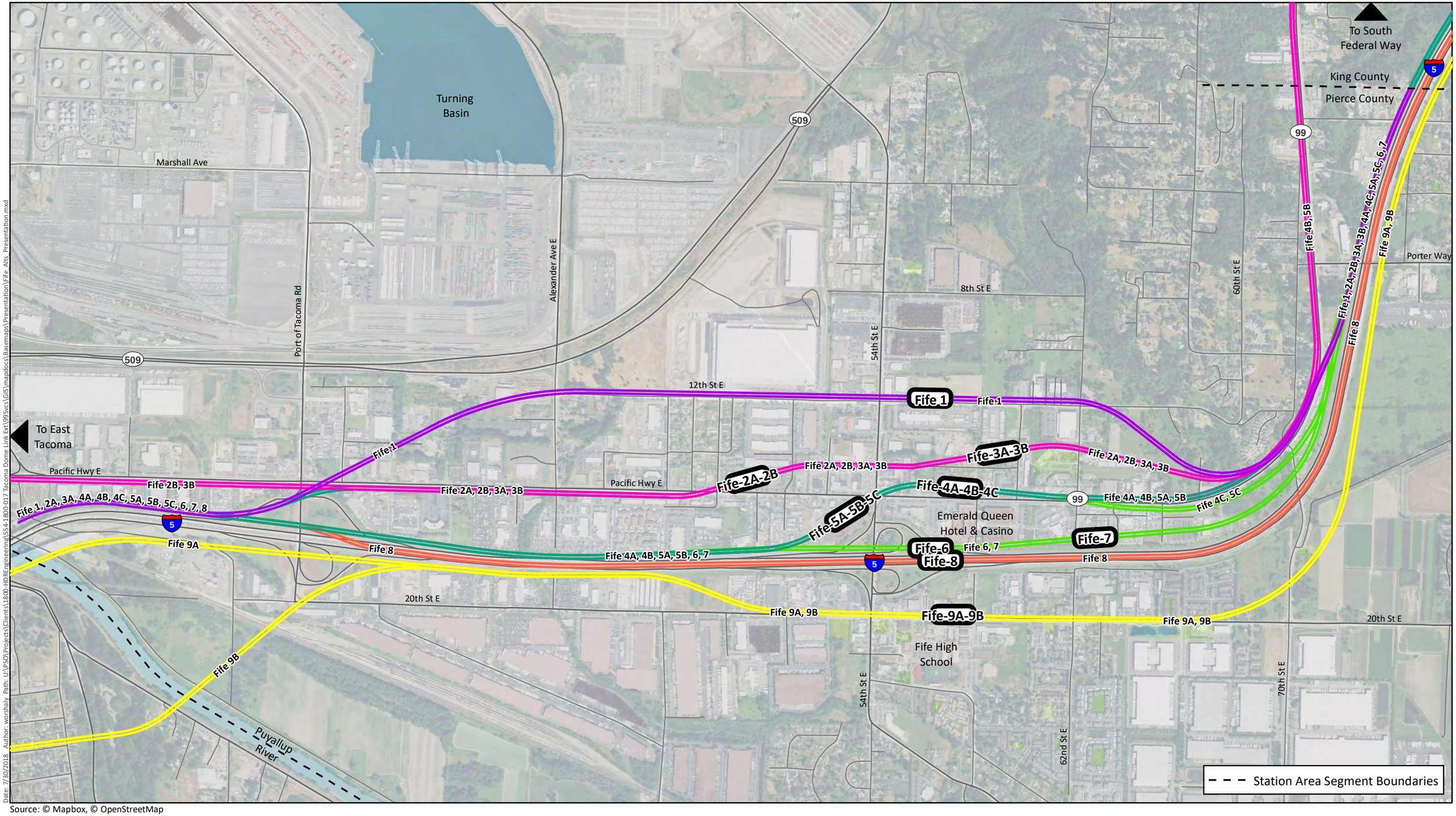

Source: © Mapbox, © OpenStreetMap

Date: 7/30/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\Fife_Alts_Presentation.mxd

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Fife Alternative Alignments

- Fife 1 12th Street
- Fife 2A Pacific Hwy West
- Fife 2B Pacific Hwy West
- Fife 3A 15th Street
- Fife 3B 15th Street
- Fife 4A Pacific Hwy East
- Fife 4B Pacific Hwy East
- Fife 4C Pacific Hwy East
- Fife 5A Pacific Hwy South
- Fife 5B Pacific Hwy South
- Fife 5C Pacific Hwy South
- Fife 6 I-5 West/Representative
- Fife 7 I-5 East
- Fife 8 I-5 Median
- Fife 9A 20th Street
- Fife 9B 20th Street

Exhibit 2-8
Level 1 Alternatives - Fife

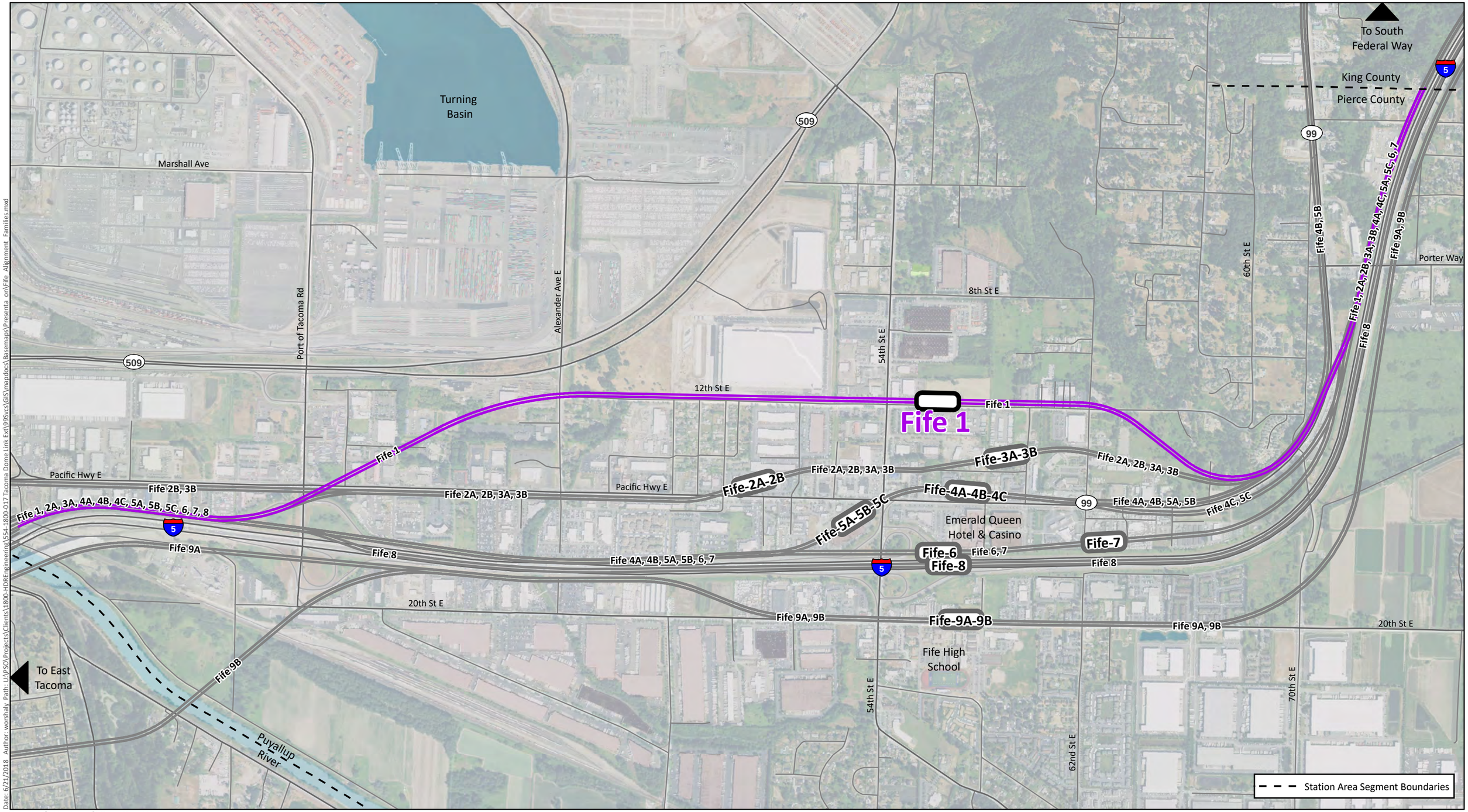

Source: © Mapbox, © OpenStreetMap

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta on\Fife_Alignment_Families.mxd

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SOUNDTRANSIT

I-5 West to 12th Street Alignment Family

- Other Alignments
- Fife 1 12th Street

Exhibit 2-9

Level 1 Alternatives - Fife - I-5 West to 12th Street Alignment Family

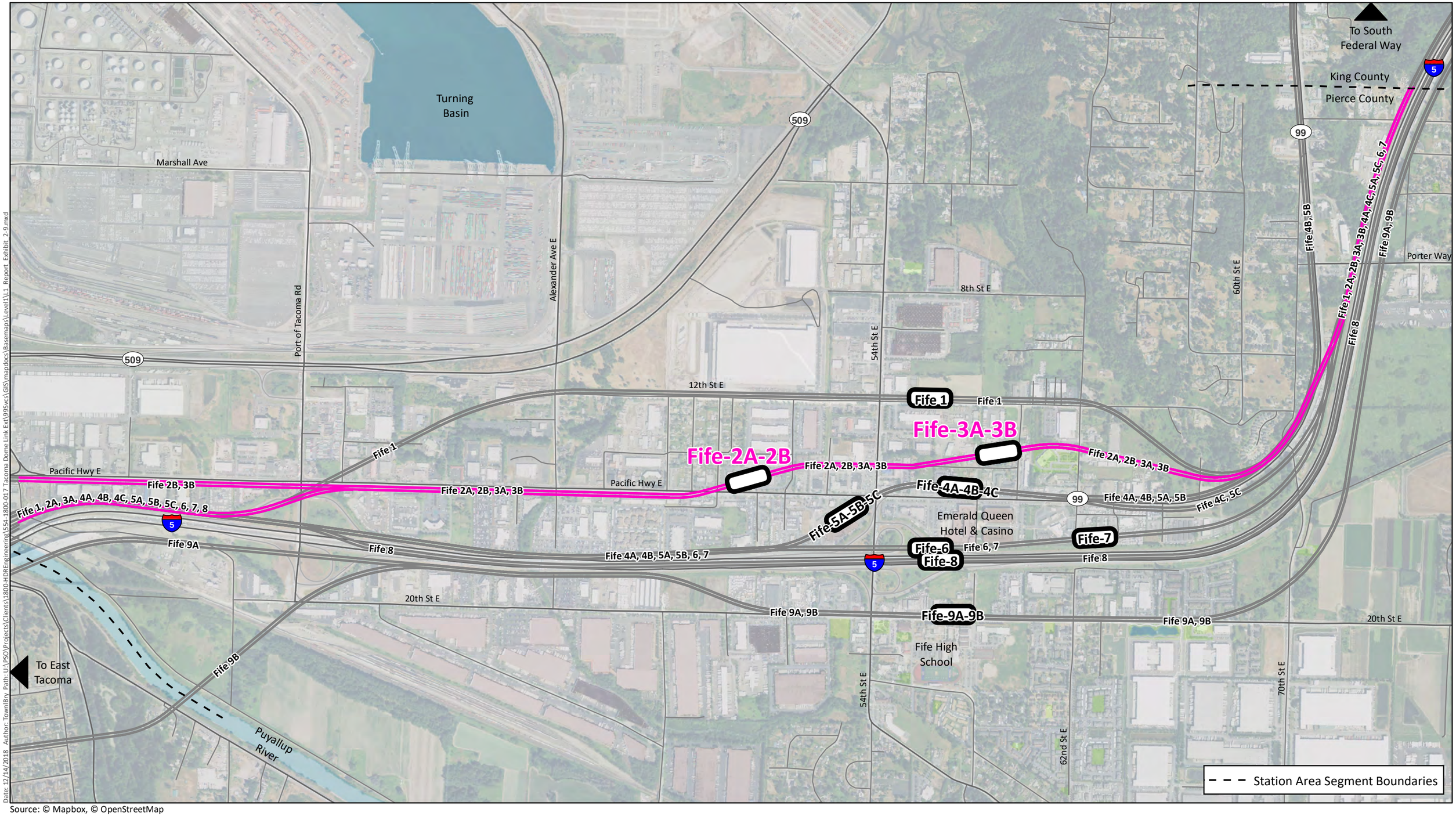

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Pacific Highway West/15th Street Alignment Family

- Other Alignments
- Fife 2A Pacific Highway West
- Fife 2B Pacific Highway West
- Fife 3A 15th St
- Fife 3B 15th St

Exhibit 2-10

Level 1 Alternatives - Fife - Pacific Highway West/15th Street Alignment Family

Date: 12/14/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_2-9.mxd

travel along the south side of Pacific Highway East through Fife. The station is located just east of Willow Road East and Pacific Highway East.

- Fife 3A travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife Ridge. Fife 3A then continues west along 15th Street East until just east of Willow Road East, where it continues southwest to travel along the south side of Pacific Highway East. At the Port of Tacoma Road, Fife 3A travels southwest along the westbound on-ramp to the north side of I-5, where it continues through Fife. The station is located just west of 59th Avenue Court East at 15th Street East.
- Fife 3B travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife Ridge. Fife 3B then continues west along 15th Street East until just east of Willow Road East, where it continues southwest to travel along the south side of Pacific Highway East through Fife. The station is located just west of 59th Avenue Court East at 15th Street East.

2.2.2.1.3 Pacific Highway East/South

The Pacific Highway East/South alternatives include Fife 4A-C Pacific Highway East and Fife 5A-C Pacific Highway South, as depicted on Exhibit 2-11:

- Fife 4A travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest to continue along the north side of Pacific Highway East. At 54th Street East and Pacific Highway East, Fife 4A continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located east of 54th Street East on the north side of Pacific Highway East.
- Fife 4B travels along the west side of Pacific Highway East through the Fife curve and into the Fife city center. At 54th Street East and Pacific Highway East, Fife 4B continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located east of 54th Street East on the north side of Pacific Highway East.
- Fife 4C travels along the west side of I-5 from the King/Pierce County boundary until just north of 70th Avenue East, where the alignment travels west along the south side of Pacific Highway East. At 62nd Avenue East, Fife 4C crosses to the north side of Pacific Highway East and continues west until 54th Street East, where the alignment continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located east of 54th Street East on the north side of Pacific Highway East.

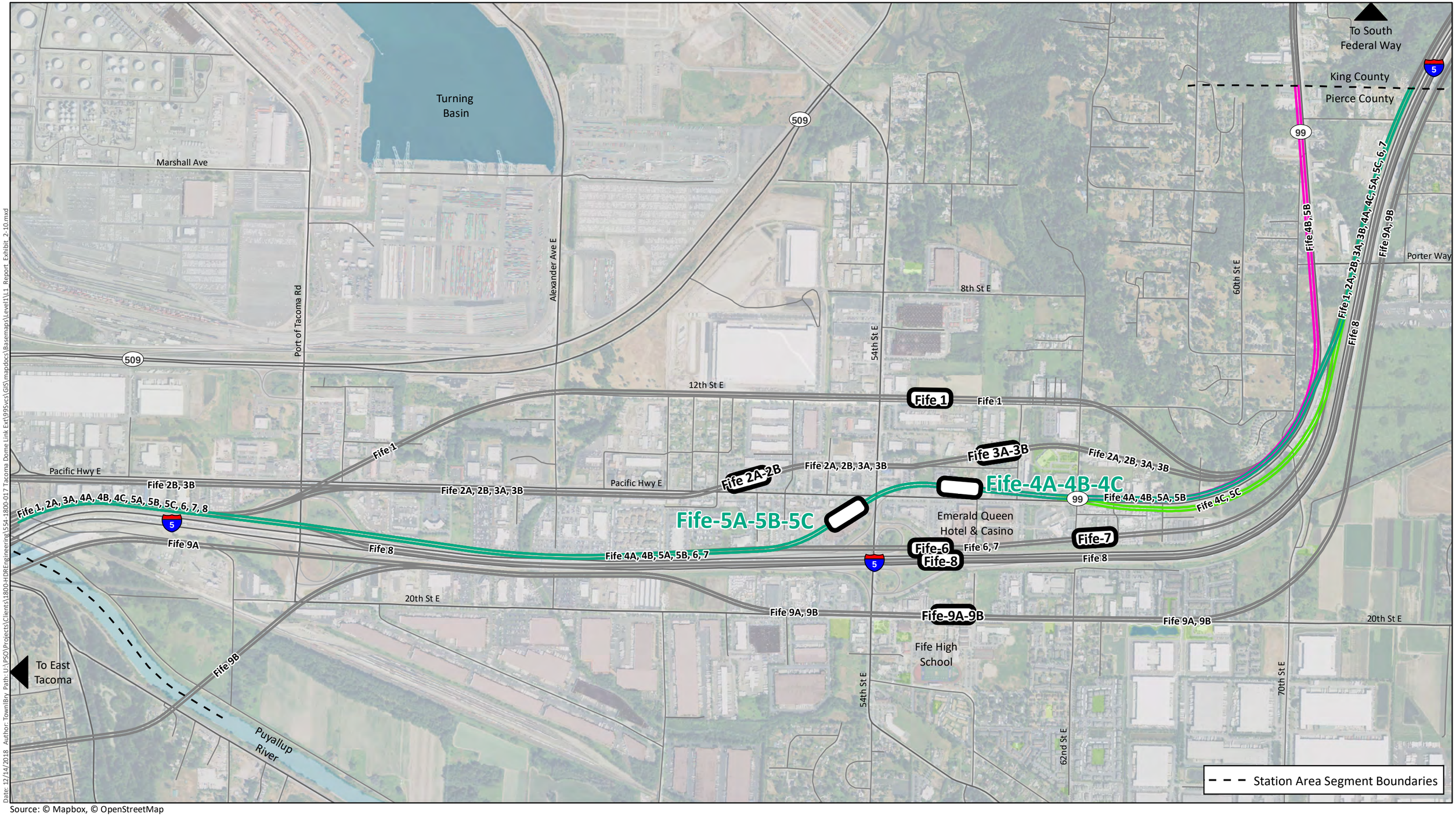

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Pacific Highway East/South Alignment Family

- Other Alignments
- Fife 4A Pacific Highway East
- Fife 4B Pacific Highway East
- Fife 4C Pacific Highway East
- Fife 5A Pacific Highway South
- Fife 5B Pacific Highway South
- Fife 5C Pacific Highway South

Exhibit 2-11

Level 1 Alternatives - Fife - Pacific Highway East/South Alignment Family

Date: 12/14/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_2-10.mxd

- Fife 5A travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest to continue along the north side of Pacific Highway East. At 54th Street East and Pacific Highway East, Fife 5A continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located at Pacific Highway East and 54th Street East.
- Fife 5B travels along the west side of Pacific Highway East through the Fife curve and into the Fife city center. At 54th Street East and Pacific Highway East, Fife 5B continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located at Pacific Highway East and 54th Street East.
- Fife 5C travels along the west side of I-5 from the King/Pierce County boundary until just north of 70th Avenue East, where the alignment travels west along the south side of Pacific Highway East. At 62nd Avenue East, Fife 5C crosses to the north side of Pacific Highway East and continues west until 54th Street East, where the alignment continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located at Pacific Highway East and 54th Street East.

2.2.2.1.4 I-5 West/Representative

The I-5 West/Representative alternatives include Fife 6 I-5 West (Representative) and Fife 7 I-5 East, as depicted on Exhibit 2-12:

- Fife 6 travels along the west and north sides of I-5 through Fife. The station is located at I-5 and 54th Street East. This is the Representative Project.
- Fife 7 travels along the west and north sides of I-5 through Fife. The station is located at I-5 and 62nd Avenue East.

2.2.2.1.5 I-5 Median/I-5 South

The I-5 Median/I-5 South alternatives include Fife 8 I-5 Median and Fife 9A-B 20th Street, as depicted on Exhibit 2-13:

- Fife 8 travels in the median of I-5 from the King/Pierce County boundary until the I-5/Port of Tacoma Road interchange, where the alignment transitions to the north side of I-5 through the remainder of Fife. The station is located just east of 54th Street East in the I-5 median.
- Fife 9A travels along the east side of I-5 until just north of 70th Avenue East, where the alignment begins to pull away from I-5 to travel along the north side of 20th Street East. At 51st Avenue East, Fife 9A transitions to the south side of I-5 for the remainder of Fife. The station is located at 20th Street East and 58th Avenue East.
- Fife 9B travels along the east side of I-5 until just north of 70th Avenue East, where the alignment begins to pull away from I-5 to travel along the north side of 20th Street East.

At 51st Avenue East, Fife 9B transitions to the south side of I-5 until Port of Tacoma Road, where the alignment travels southwest through the remainder of Fife. The station is located at 20th Street East and 58th Avenue East.

2.2.2.2 Alternatives Not Advanced for Level 1 Evaluation

One station location and one alignment option did not advance from the pre-screening phase to Level 1, as shown on Exhibit 2-14:

- A station located in Milton just north of 70th Avenue East between I-5 and Pacific Highway East—this station concept is inconsistent with the ST3 Plan because it is located outside of the Fife activity center.
- An alignment option along the Interurban Trail corridor, which did not advance to the Level 1 evaluation because of inconsistency with the Purpose and Need, circuitous routing that would add travel time to the HCT service, and environmental constraints.

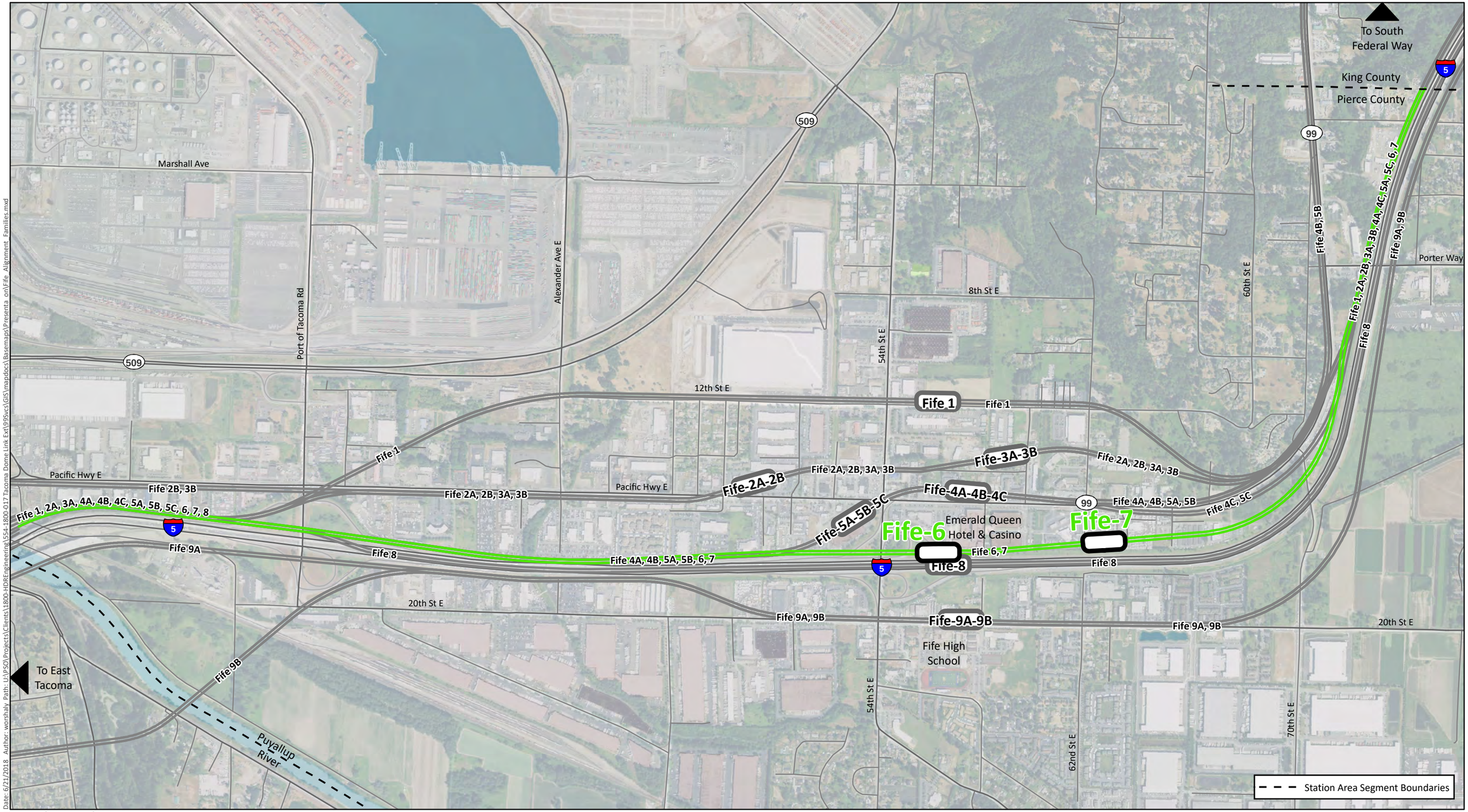

Source: © Mapbox, © OpenStreetMap

Date: 6/21/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta on\Fife_Alignment_Families.mxd

0 500 1,000 2,000 Feet

SOUNDTRANSIT

I-5 West/Representative Alignment Family

- Other Alignments
- Fife 6 I-5 West/Representative
- Fife 7 I-5 East

Exhibit 2-12

Level 1 Alternatives - Fife - I-5 West/Representative Alignment Family

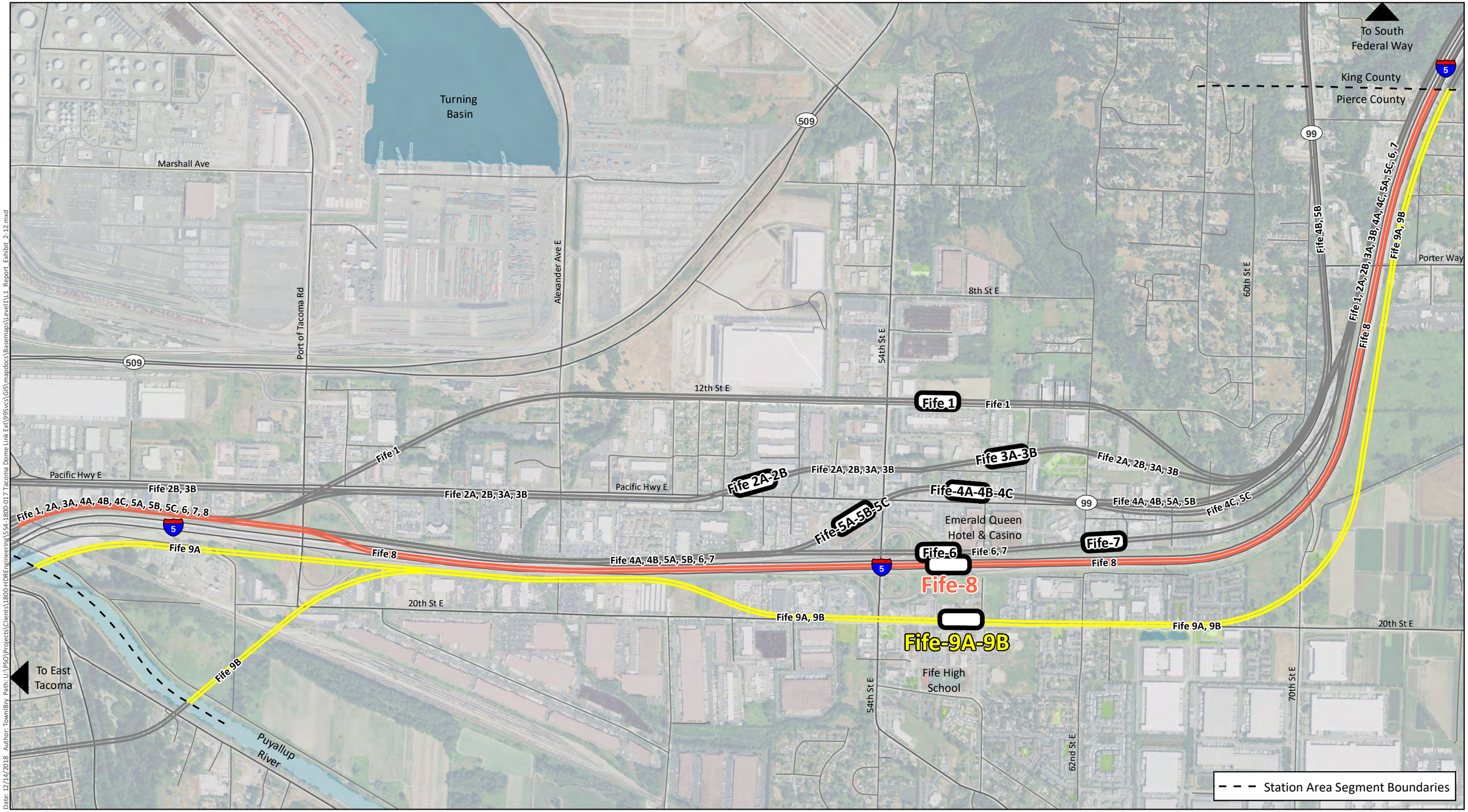

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

I-5 Median/I-5 South Alignment Family

- Other Alignments
- Fife 8 I-5 Median
- Fife 9A 20th Street
- Fife 9B 20th Street

Exhibit 2-13

Level 1 Alternatives - Fife -
I-5 Median/I-5 South Alignment Family

Date: 12/14/2018 Author: TownlBy Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_2-12.mxd

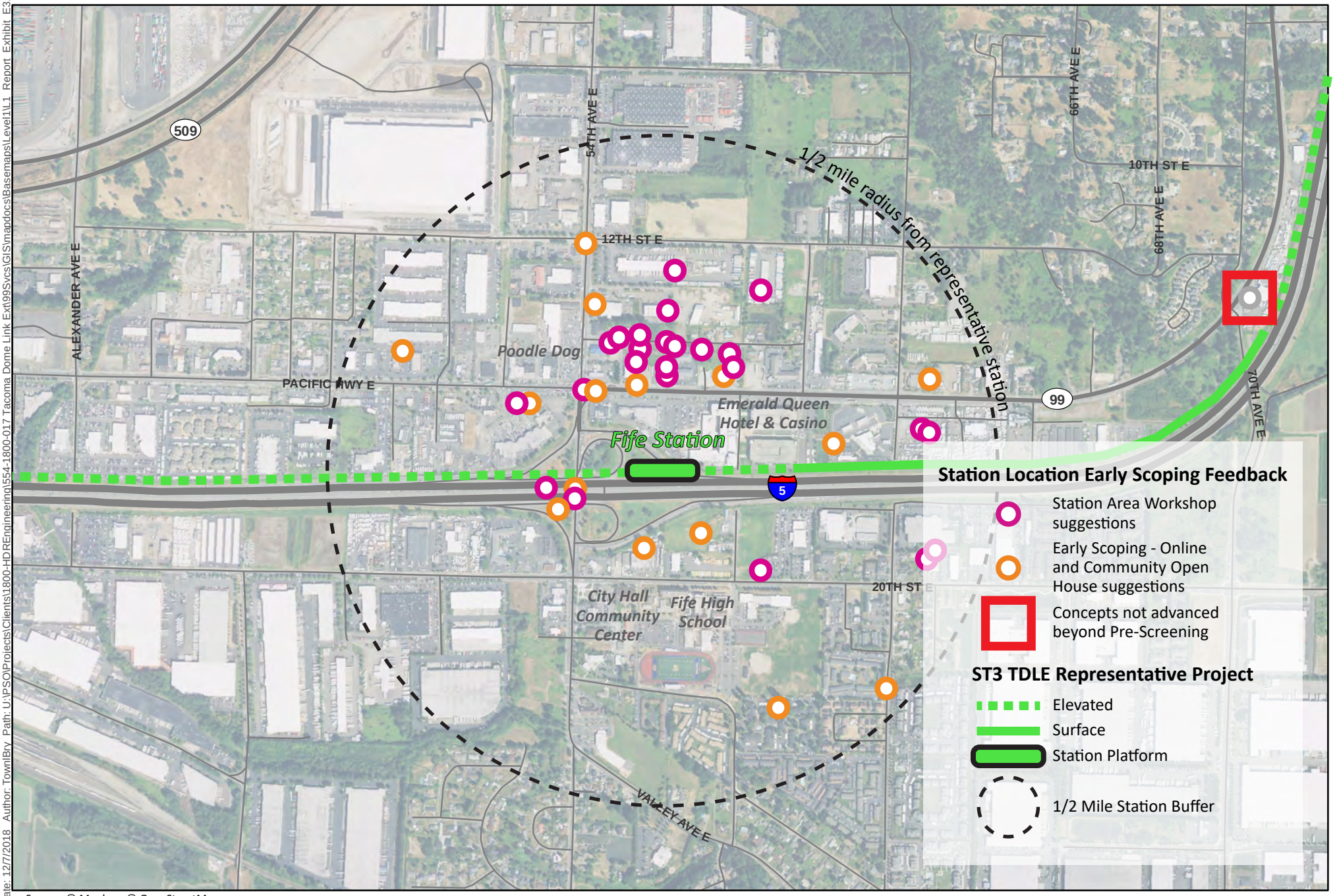

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit 2-14

TDLE Station Location Feedback

Fife

Date: 12/7/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E3.mxd

2.2.3 East Tacoma

There are 11 alternatives in East Tacoma (ET) that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street, as shown on Exhibit 2-15.

2.2.3.1 Alternatives Advanced for Level 1 Evaluation

2.2.3.1.1 Puyallup Avenue

The Puyallup Avenue alternatives include ET 1A Puyallup Avenue (I-5 West to Puyallup) and ET 1B Puyallup Avenue (SR 99 to Puyallup), as depicted on Exhibit 2-16:

- ET 1A crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 1A travels northwest to the south side of Puyallup Avenue where it continues through East Tacoma. The station is located at East M Street and Puyallup Avenue.
- ET 1B crosses the Puyallup River along the south side of the Pacific Highway bridge, where it continues along the south side of Puyallup Avenue through East Tacoma. The station is located at East M Street and Puyallup Avenue.

2.2.3.1.2 East 25th Street

The East 25th Street alternative includes ET 2 25th Street, as depicted on Exhibit 2-17:

- ET 2 crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 2 travels northwest to the north side of East 25th Street where it continues through East Tacoma. The station is located at East M Street and East 25th Street.

2.2.3.1.3 East 26th Street/Representative

The East 26th Street/Representative alternatives include ET 3 26th Street East, ET 4A-C 27th Street North, and ET 6 26th Street West, as depicted on Exhibit 2-18:

- ET 3 crosses the Puyallup River north of I-5. At East Bay Street, ET 3 travels northwest to the north side of East 26th Street through the remainder of East Tacoma. The station is located at East 26th Street and East Bay Street.
- ET 4A crosses the Puyallup River along the north side of I-5 and continues west along the north side of East 27th Street. At Portland Avenue, ET 4A continues northwest to the center of East 26th Street through East Tacoma. The station is located at East 27th Street and East Bay Street.
- ET 4B crosses the Puyallup River to the north of I-5 and continues west along the north side of East 27th Street. At Portland Avenue, ET 4B continues northwest to the center of East 26th Street through East Tacoma. The station is located at East 27th Street and East Bay Street. This is the Representative Project.

- ET 4C crosses the Puyallup River just north of I-5 and continues west along the north side of East 27th Street. At Portland Avenue, ET 4C continues northwest to the center of East 26th Street through East Tacoma. The station is located at East 27th Street and East Bay Street.
- ET 6 crosses the Puyallup River north of I-5. At East Bay Street, ET 6 travels northwest to the north side of East 26th Street through the remainder of East Tacoma. The station is located at East 26th Street and East N Street.

2.2.3.1.4 East 26th/27th Street

The East 26th/27th Street alternatives include ET 5 27th Street South, ET 7 29th Street, and ET 8 34th Street, as depicted on Exhibit 2-19:

- ET 5 crosses the Puyallup River north of I-5 and continues west along the north side of East 27th Street through East Tacoma. The station is located at East 27th Street and East Bay Street.
- ET 7 crosses the Puyallup River south of I-5 near East 28th Street and continues along the north side of East 29th Street. Just west of East Portland Avenue, ET 7 travels northwest to cross to the north side I-5. The station is located at East 29th Street and East R Street.
- ET 8 crosses the Puyallup River south of I-5 near East 34th Street. The alignment continues along the north side of East 34th Street until just west of East Portland Avenue, where the alignment travels north to cross to the north side of I-5. The station is located just east of East Portland Avenue and East Wright Avenue.

2.2.3.2 Alternatives Not Advanced for Level 1 Evaluation

One station location did not advance from the pre-screening phase into Level 1, as shown on Exhibit 2-20:

- A station located in Tacoma in the SR 509 right-of-way (ROW) in the Burlington Northern Santa Fe (BNSF) Railyard—this station concept is inconsistent with the ST3 Plan because it is located outside of both the East Tacoma and Tacoma Dome activity centers.

2.2.4 Tacoma Dome

There are seven alternatives in the Tacoma Dome (TD) area that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street, as shown on Exhibit 2-15.

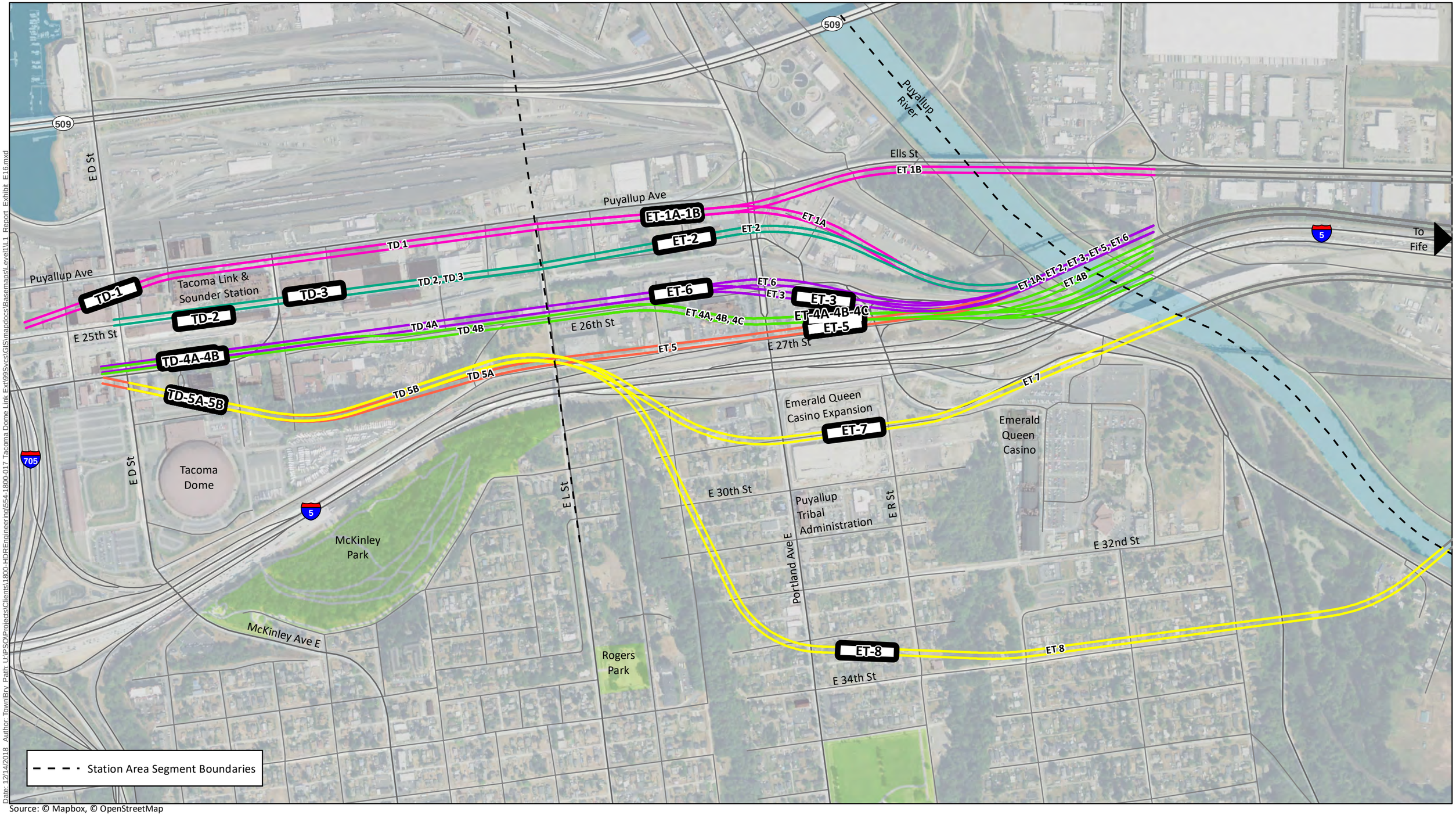

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

Tacoma Dome Alternative Alignments

- TD 1 Puyallup Avenue
- TD 2 25th Street West
- TD 3 25th Street East
- TD 4A 26th Street
- TD 4B 26th Street/Representative
- TD 5A 27th Street
- TD 5B 27th Street

East Tacoma Alternative Alignments

- ET 1A Puyallup Avenue
- ET 1B Puyallup Avenue
- ET 2 25th Street
- ET 3 26th Street East
- ET 4A 27th Street North
- ET 4B 27th Street North/Representative
- ET 4C 27th Street North
- ET 5 27th Street South
- ET 6 26th Street West
- ET 7 29th Street
- ET 8 34th Street

Exhibit 2-15

Level 1 Alternatives - East Tacoma and Tacoma Dome

Date: 12/14/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_E16.mxd

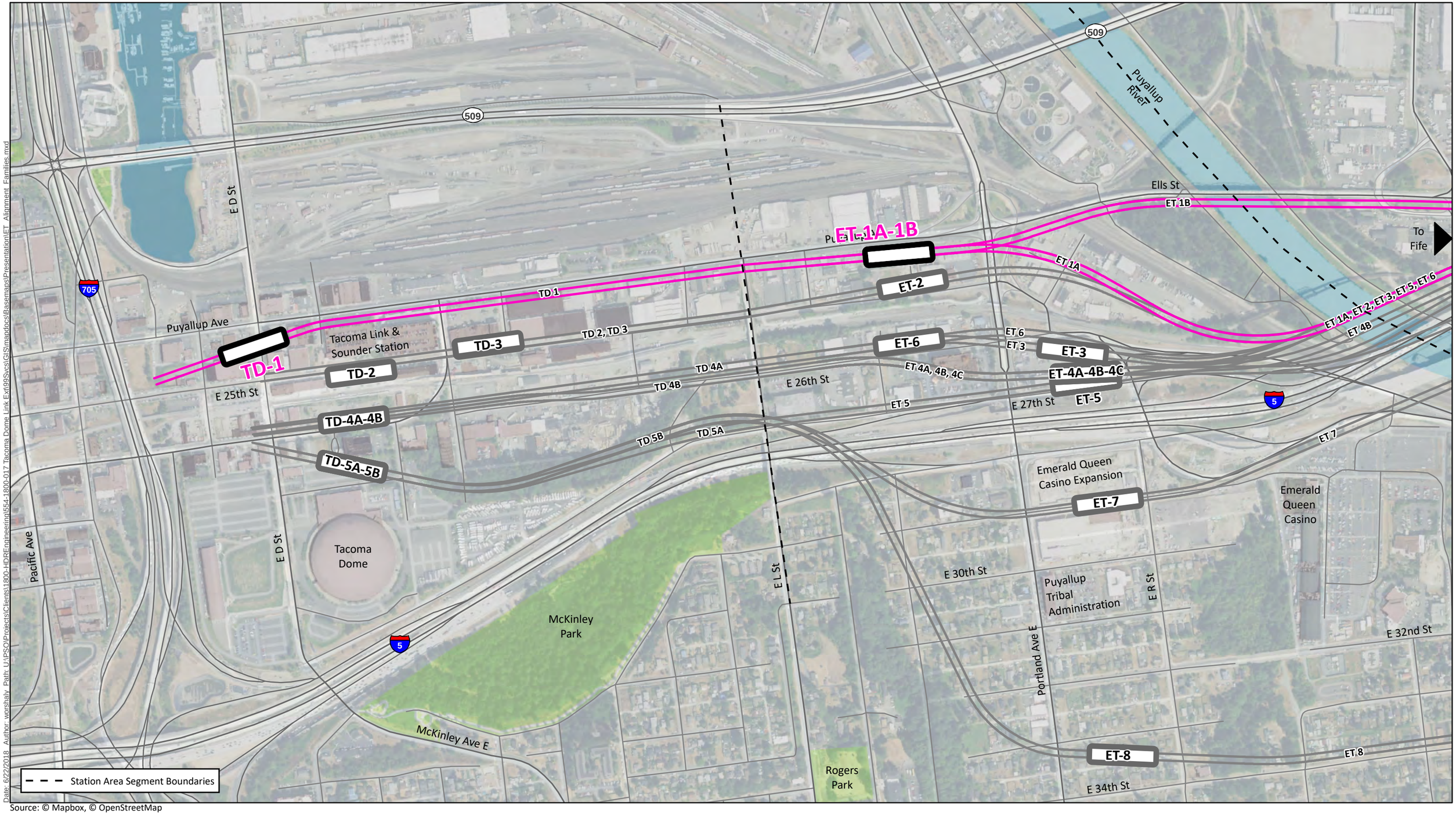

Date: 6/22/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\ET_Alignment_Families.mxd

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

Puyallup Avenue Alignment Family

- Other Alignments
- ET 1A Puyallup Avenue
- ET 1B Puyallup Avenue
- TD 1 Puyallup Ave

Exhibit 2-16

Level 1 Alternatives - East Tacoma and Tacoma Dome - Puyallup Avenue Alignment Family

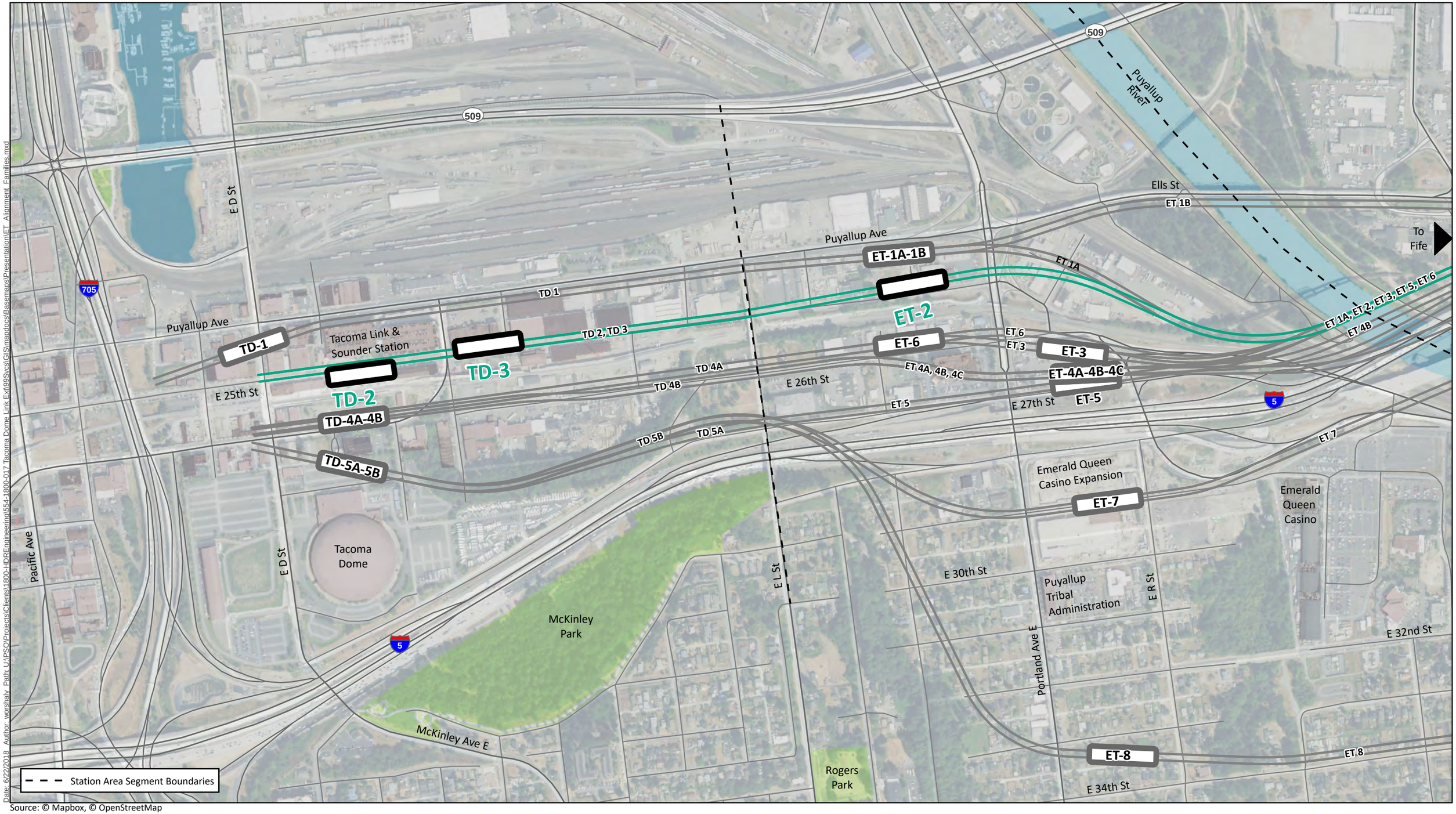

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

East 25th Street Alignment Family

- Other Alignments
- ET 2 25th Street
- TD 2 25th Street West
- TD 3 25th Street East

Exhibit 2-17

Level 1 Alternatives - East Tacoma and Tacoma Dome - East 25th Street Alignment Family

Date: 6/22/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\ET_Alignment_Families.mxd

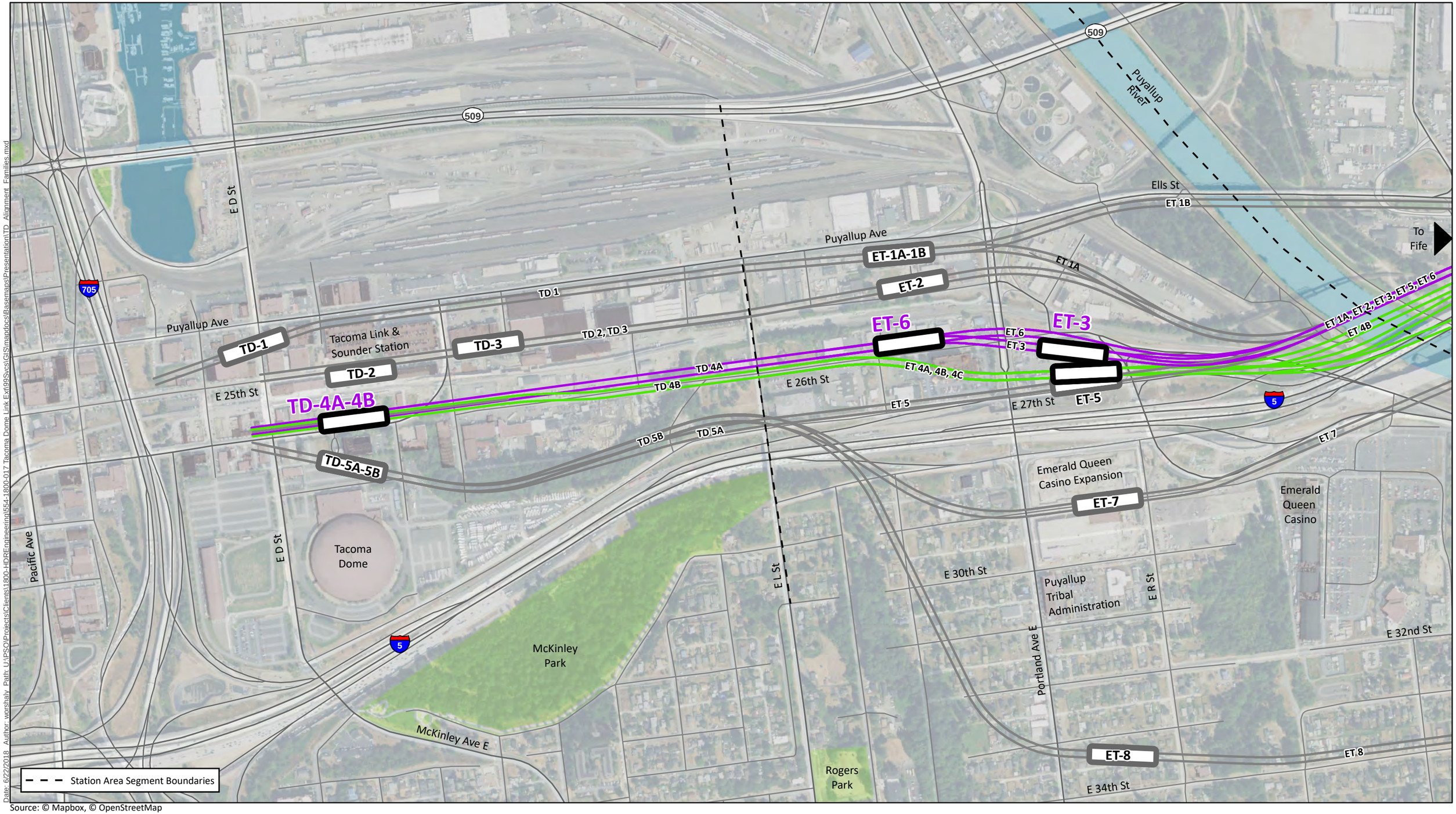

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

East 26th Street/Representative Alignment Family

- Other Alignments
- TD 4A 26th Street
- TD 4B 26th Street/Representative
- ET 3 26th Street East
- ET 4A 27th Street North
- ET 4B 27th Street North/Representative
- ET 4C 27th Street North
- ET 6 26th St West

Exhibit 2-18

Level 1 Alternatives - East Tacoma and Tacoma Dome - East 26th Street/ Representative Alignment Family

Date: 6/22/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\Engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\TD Alignment Families.mxd

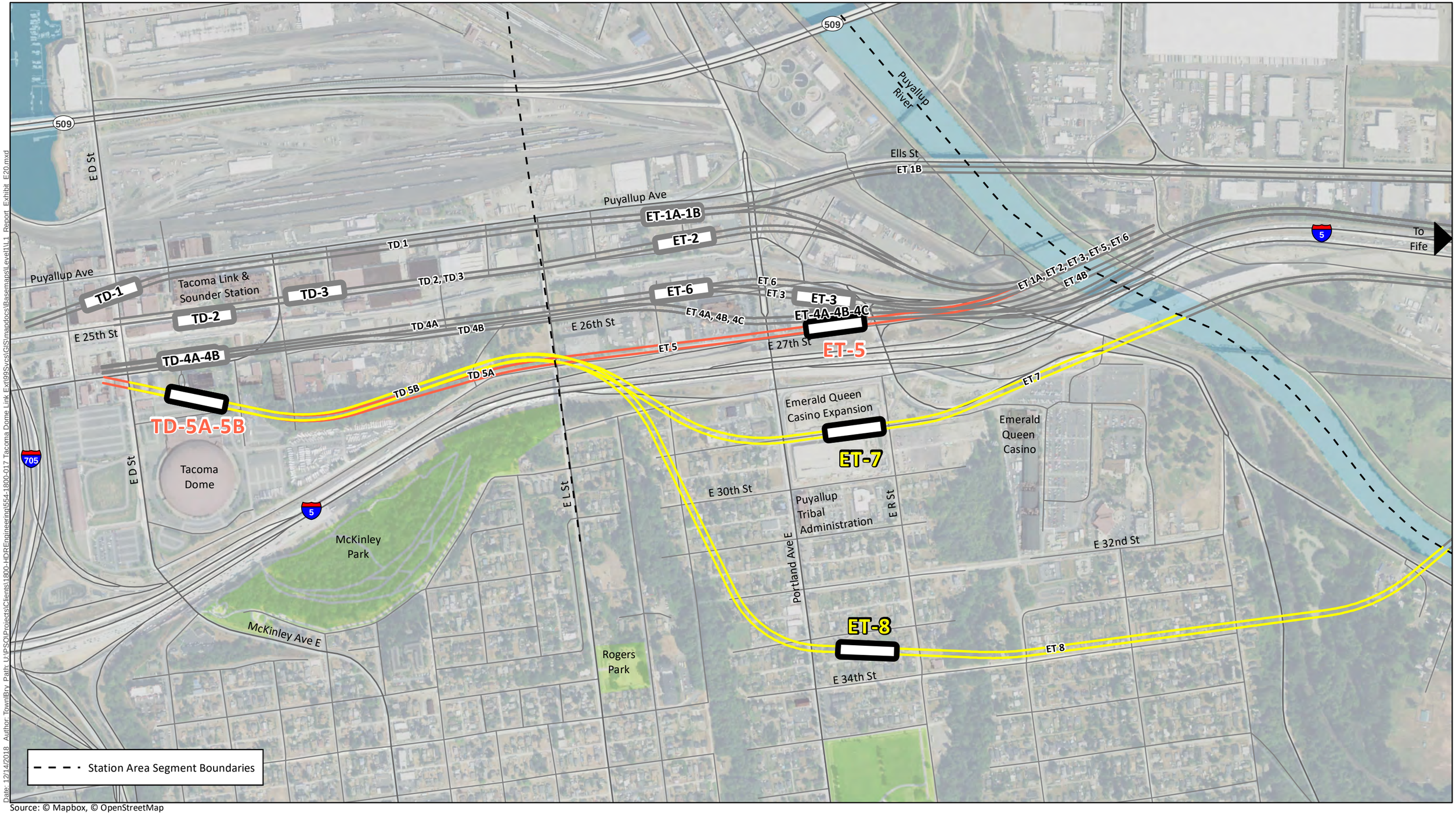

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

East 26th Street/27th Street Alignment Family

- Other Alignments
- TD 5A 27th Street
- TD 5B 27th Street
- ET 5 27th Street South
- ET 7 29th Street
- ET 8 34th Street

SOUNDTRANSIT

Exhibit 2-19

Level 1 Alternatives - East Tacoma and Tacoma Dome - East 26th Street/27th Street Alignment Family

Date: 12/14/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1_Report_Exhibit_E20.mxd

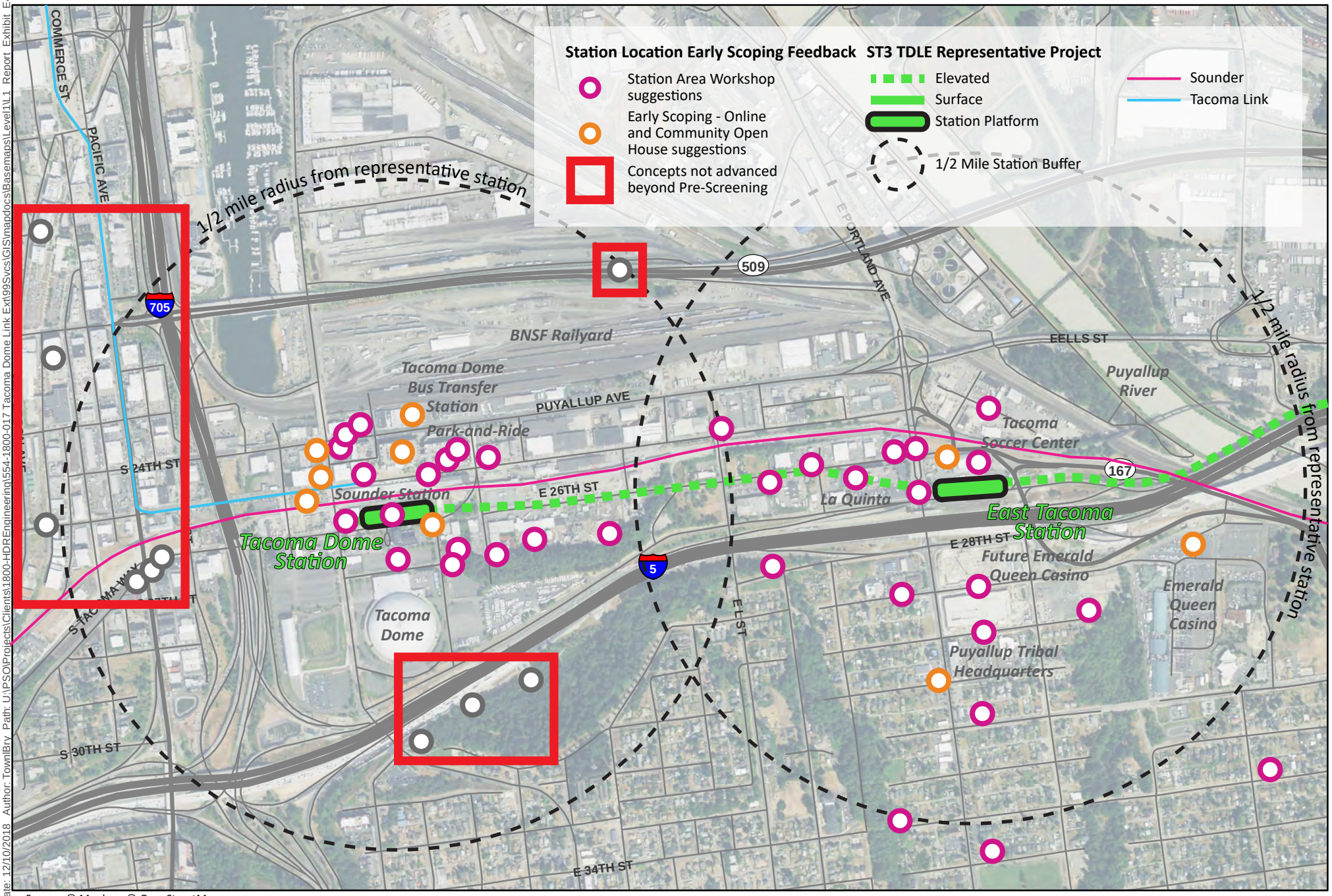

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit 2-20

TDLE Station Location Feedback
East Tacoma and Tacoma Dome

Date: 12/10/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E4.mxd

2.2.4.1 Alternatives Advanced for Level 1 Evaluation

2.2.4.1.1 Puyallup Avenue

The Puyallup Avenue alternative includes TD 1 Puyallup Avenue, as depicted on Exhibit 2-16:

- TD 1 travels along the south side of Puyallup Avenue until just east of I-705. The station is located at Puyallup Avenue and East D Street.

2.2.4.1.2 East 25th Street

The East 25th Street alternatives include TD 2 25th Street West and TD 3 25th Street East, as depicted on Exhibit 2-17:

- TD 2 travels along the center of East 25th Street until just west of East D Street. The station is located east of East D Street along East 25th Street.
- TD 3 travels along the center of East 25th Street until just west of East D Street. The station is located at East G Street and East 25th Street.

2.2.4.1.3 East 26th Street/Representative

The East 26th Street/Representative alternatives include TD 4A-B 26th Street, as depicted on Exhibit 2-18:

- TD 4A travels along the north side of East 26th Street until just west of East D Street. The station is located on East 26th Street just east of East D Street.
- TD 4B travels along the south side of East 26th Street until just west of East J Street, where the alignment crosses to the north side of East 26th Street. TD 4B continues until just west of East D Street. The station is located on East 26th Street just east of East D Street. This is the Representative Project.

2.2.4.1.4 East 26th/27th Street

The East 26th/27th Street alternatives include TD 5A-B 27th Street, as depicted on Exhibit 2-19:

- TD 5A travels along the north side of I-5 and continues northwest just east of East G Street until just west of East D Street. The station is located at East 27th Street and East F Street.
- TD 5B travels along the north side of I-5 and continues northwest just east of East G Street until just west of East D Street. The station is located at East 27th Street and East F Street.

2.2.4.2 Alternatives Not Advanced for Level 1 Evaluation

Two station groupings and one alignment option did not advance from the pre-screening phase into Level 1, as shown on Exhibit 2-20:

- A series of stations located in McKinley Park in Tacoma—these station concepts are inconsistent with the ST3 Plan because of the location outside of the Tacoma Dome activity center and within a major public park facility.
- A series of stations located to the west of I-705 in Tacoma—these station concepts are inconsistent with the ST3 Plan because of the location outside of the Tacoma Dome activity center.
- An alignment option of extending Tacoma Link west of the Tacoma Dome to East Tacoma. This option was not brought forward into the Level 1 evaluation because of inconsistency with the Purpose and Need and the ST3 Plan.

3 Level 1 Evaluation Criteria

The draft Purpose and Need established five objectives that have been used to develop the evaluation criteria and measures. The objectives are to:

- Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs;
- Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development;
- Preserve the Environment;
- Support Equitable Mobility; and
- Provide a Financially Sustainable and Constructible Project.

The evaluation criteria and measures listed in Exhibit 3-1, Level 1 Screening, have been used to assess the differences in performance or potential effects among the concepts and pre-screen alternatives. The qualitative and quantitative measures are used to determine which alternatives warrant further consideration for more detailed analysis in Level 2.

EXHIBIT 3-1
Level 1 Screening

Evaluation Criteria	Measures
Objective: Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs **Purpose and Need:** • Provide high quality rapid, reliable, accessible, and efficient light rail transit service connecting the communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to other destinations on the regional HCT system. • Meet projected transit demand and offer an alternative to travel on congested roadways, better connecting people to where they live, work, and play. • Expand mobility for people in the corridor and region, including low income, minority, and transit-dependent populations.	
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations
Objective: Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development **Purpose and Need:** • Connect regional centers as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan Update. • Encourage equitable and sustainable urban growth in station areas through support of TOD and multimodal integration in a manner that is consistent with adopted local comprehensive plans and policies, including Sound Transit's Transit Oriented Development and Sustainability Policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.	

EXHIBIT 3-1
Level 1 Screening

Evaluation Criteria	Measures
Supports future transit oriented development (TOD) opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas
Objective: Preserve the Environment **Purpose and Need:** • Preserve and promote a healthy and sustainable environment and economy by minimizing adverse impacts on the natural, built, and social environments.	
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act (ESA) species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax generating properties impacted L1.11: Estimated number of Tribal parcels impacted L1.12: Presence of known Section 4(f), park, historic, culturally-significant Tribal properties, or other protected areas L1.13: Presence of a view shed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste
Objective: Support Equitable Mobility **Purpose and Need:** • Expand mobility for people in the corridor and region, including low income, minority, and transit-dependent populations.	
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations
Objective: Provide a Financially Sustainable and Constructible Project **Purpose and Need:** • Develop a light rail extension that is technically and financially feasible to build, operate, and maintain, consistent with the regional system defined by the Sound Transit 3 Plan and the Regional Transit Long Range Plan update, which was developed through a robust local planning process that established transit mode, corridor, and general station locations.	

EXHIBIT 3-1
Level 1 Screening

Evaluation Criteria	Measures
Financial considerations	L1.20: Major cost elements beyond the representative project description
Constructibility and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly owned ROW L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks, pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk

3.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

The criteria used to evaluate this objective was ridership potential. This criterion was evaluated using the three measures described below.

3.1.1 Ridership Potential

Ridership potential was quantitatively and qualitatively assessed based on travel time in the corridor, proximity to major activity centers, and proximity to population and employment density.

3.1.1.1 Measure L1.1: Travel time

This measure estimated travel times based on alignment characteristics, including distances and curves from stations to the regional Link system at the Federal Way Link Extension interim terminus.

Alternatives within each segment received a rating of 1 for having the longest travel time and a rating of 5 for having the shortest travel time.

3.1.1.2 Measure L1.2: Total population and employment within a half mile of stations

This measure evaluated total population and employment within a half mile of each station alternative for the existing and future (2040) years.

Alternatives within each segment received a rating of 1 for having the lowest population and employment totals within a half mile and a rating of 5 for having the highest.

3.1.1.3 Measure L1.3: Proximity to existing/future population and employment centers and major destinations within a half mile of stations

This measure evaluated the proximity of each station alternative to existing and future Puget Sound Regional Council (PSRC) designated centers, activity centers, and major destinations within a half mile.

Alternatives within each segment received a rating of 1 for having no designated centers or destinations within a half mile; a 2 for few; a 3 for several; a 4 for many; and a 5 for the highest number of designated centers or destinations.

3.2 Supports Sustainable Land Use Plans, Equitable Access, and Economic Development

The criteria used to evaluate this objective were Supports Future Transit Oriented Development Opportunities and Promotes Multimodal Access and Integration. The criteria were evaluated using the five measures described below.

3.2.1 Supports Future Transit Oriented Development Opportunities

Support of future TOD opportunities was qualitatively assessed based on consistency with local plans and planned development, walkshed barriers, presence of amenities to catalyze complete neighborhoods, and nonmotorized and transit accessibility.

3.2.1.1 Measure L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans

This measure assessed consistency with local and tribal economic development goals, current and future zoning, and land use plans.

Alternatives within each segment received a rating of 1 for plans that do not support TOD and a rating of 5 for plans that are very supportive of TOD.

3.2.1.2 Measure L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station

This measure qualitatively assessed barriers such as topography, wide roads, highways, bodies of water, and railways that limit the walkshed and ability of bicycling around station alternatives.

Alternatives within each segment received a rating of 1 for having many barriers in multiple categories; a 2 for many barriers within one or two categories or minor barriers in some categories; a 3 for some barriers, but minor only; a 4 for few barriers, but minor only; and a 5 for no barriers.

3.2.1.3 Measure L1.6: Presence of amenities to catalyze complete neighborhoods

This measure assessed the quantity and quality of "seed amenities" such as shops, services, schools, recreational facilities, civic or character amenities, or views and access to nature in station areas.

Alternatives within each segment received a rating of 1 for having no "seed amenities" or elements of a complete neighborhood that would make someone want to develop or live there; a 2 for one or two elements; a 3 for more than two elements, but not very desirable; a 4 for four or more elements of varying quality; and a 5 for many elements (i.e., shops, services, schools, parks, and views).

3.2.2 Promotes Multimodal Access and Integration

Promoting multimodal access and integration was qualitatively assessed based on availability of existing and planned nonmotorized and transit facilities and the potential to improve access.

3.2.2.1 Measure L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement

This measure qualitatively assessed the accessibility of station areas to major existing and planned bicycle and pedestrian facilities. It also identified infrastructure (or lack thereof) that supports walking and/or bicycling within general station areas for bicyclists and pedestrians, including those with limited mobility.

Alternatives within each segment received a rating of 1 for being in an area that is very dangerous or impossible to walk or bicycle with no opportunity to mitigate (due to infrastructure barriers, etc.); a 2 for being possible to walk or bicycle, but many obstacles or risks with minimal opportunities to mitigate; a 3 for being possible to walk or bicycle, but experience is poor with some opportunities to mitigate; a 4 for being possible to walk or bicycle but experience is poor with many opportunities to improve or expand the network, or could be a good place to walk or bicycle if there were useful destinations and there is some opportunity to improve or expand the network; and a 5 for being a good place to walk or bicycle, or could be a good place to walk or bicycle if there were useful destinations and there are many opportunities to improve or expand the network.

3.2.2.2 Measure L1.8: Qualitative assessment of transit connections and potential for improvement within station areas

This measure evaluated the potential to integrate light rail transit with bus and rail service and the ease of transfers for transit customers.

Alternatives within each segment received a rating of 1 for having few existing connections for other transit services and being a missed opportunity to integrate with fixed transit infrastructure (transit centers, other rail stations, etc.); a 2 for some existing connections and a missed opportunity to integrate with fixed transit infrastructure; a 3 for some existing

connections; a 4 for good access to existing transit services; and a 5 for a robust network of other transit services.

3.3 Preserve the Environment

The criteria used to evaluate this objective are Effects on the Natural Environment and Effects on the Built Environment. The criteria were evaluated using the nine measures described below.

3.3.1 Effects on the Natural Environment

Effects on the natural environment were quantitatively assessed based on potential impacts to various elements of the natural environment.

3.3.1.1 Measure L1.9: Impact in approximate acres of major wetlands, streams, floodplains, steep slopes, ESA species, fisheries, or other natural habitat areas within 100 feet of an alternative

This measure evaluated potential impacts to known natural resources including major wetlands, streams, floodplains, steep slopes, ESA species, and fisheries. It quantitatively assessed effects on the natural environment in terms of impacted acres within 100 feet of alignments and stations.

Alternatives within each segment received a rating of 1 for affecting the most wetlands or stream crossings and/or impacting natural areas with two or more acres affected within the footprint and nearby areas, and directly affecting high quality habitat for sensitive species; a 2 for a high potential for wetlands impacts and stream crossings or impacts to natural areas with 1 to 2 acres affected, or affecting high-quality habitat for sensitive species; a 3 for moderate potential for wetlands impacts and stream crossings or impacts to natural areas with less than 1 acre affected, but where sensitive species habitat may be present; a 4 for lower potential for wetlands impacts and stream crossings or impacts to natural areas with less than 1/2 acre affected, and low likelihood for encountering habitat for sensitive species; and a 5 for the least potential for wetlands impacts and stream crossings or impacts to natural areas, with few to no mapped resources for sensitive species encountered.

3.3.2 Effects on the Built Environment

Effects on the built environment were qualitatively and quantitatively assessed based on potential impacts to various elements of the built environment, such as parcel impacts, impacts to traffic, impacts to Tribal properties, and impacts to hazardous waste.

3.3.2.1 Measure L1.10: Estimated level of property impacts

This measure quantitatively assessed the number of potential property acquisitions for alignments and stations by property type (e.g., residential, commercial, other, and large tax-generator properties).

Alternatives within each segment received a rating of 1 for having the highest number of residential and commercial parcels potentially impacted, including several large tax-generator properties; a 2 for a higher number of residential and/or commercial parcels and some large tax-generator properties, several multi-family properties, or commercial complexes with multiple businesses affected; a 3 for a medium number of residential and/or commercial parcels and some large tax-generator properties; a 4 for a lower number of residential and/or commercial parcels and a few large tax-generator properties, or a few multi-family or commercial complexes affected; and a 5 for few to no residential and/or commercial parcels and few large tax-generator properties, multi-family properties, or commercial complexes affected.

3.3.2.2 Measure L1.11: Estimated number of Tribal parcels impacted

This measure quantitatively determined the number of potential Tribal parcels impacted by alignments and stations.

Alternatives within each segment received a rating of 1 for impacting greater than 15 Tribal-owned parcels; a 2 for 10 to 15 Tribal-owned parcels; a 3 for 5 to 9 Tribal-owned parcels; a 4 for 1 to 4 Tribal-owned parcels; and a 5 for having no impacts to Tribal-owned parcels.

3.3.2.3 Measure L1.12: Presence of known Section 4(f), park, historic, culturally significant Tribal properties, or other protected areas

This measure quantitatively evaluated potential impacts of alignments and stations within 100 feet of parks and WISAARD (Washington Information System for Architectural and Archaeological Records Data) historical properties, in addition to resources within standard Department of Archaeology and Historic Preservation (DAHP) buffers for archaeological sites (100 feet) and burials (300 feet).

Alternatives within each segment received a rating of 1 for the highest number of potential impacts to parks, historic properties, or archaeological and cultural resources (10 or more sites); a 2 for multiple potential impacts (6 to 8 sites); a 3 for several potential impacts (3 to 5 sites); a 4 for few potential impacts (1 to 2 sites); and a 5 for having no known impacts.

3.3.2.4 Measure L1.13: Presence of a viewshed and potential for impacts to view-dependent businesses

This measure qualitatively assessed potential visual effects of alignments and stations to nearby properties.

Alternatives within each segment received a rating of 1 for having impacts to a viewshed and many view-dependent businesses; a 2 for moderate impacts to both viewsheds ad several view-dependent businesses; a 3 for moderate impacts to either viewsheds or view-dependent

businesses; a 4 for minimal impacts to either viewsheds or view-dependent businesses; and a 5 for having no impacts to either viewsheds or view-dependent businesses.

3.3.2.5 Measure L1.14: Potential for impacts from vibration and noise

This measure assessed the presence of sensitive receptors along alignments that would be impacted by potential noise and vibration effects (e.g., residences, hospitals, hotels, parks, schools, libraries, churches, etc.).

Alternatives within each segment were evaluated based on the number of parcels within the 175- to 300-foot Federal Transit Authority (FTA) screening distance from the light rail line (FTA 2006). Because the length of the East Tacoma and Tacoma Dome segments are much shorter, different ranges were used for the South Federal Way and Fife segments than for the East Tacoma and Tacoma Dome segments.

For Federal Way and Fife station areas, alternatives received a rating of 1 for greater than 80 residential parcels and 2 to 12 other noise receptor parcels; a 2 for 50 to 80 residential parcels and 2 to 12 other parcels; a 3 for 40 to 60 residential parcels and 2 to 7 other parcels; a 4 for 20 to 50 residential parcels and 0 to 4 other parcels; and a 5 for less than 30 residential parcels and 0 to 2 other parcels.

For East Tacoma and Tacoma Dome station areas, there were almost no other noise receptors within 175 to 300 feet of alignments; therefore, ratings were for the most part based on the number of residential parcels within range. Alternatives received a rating of 1 for 199 to 318 residential parcels; a 2 for 18 to 33 residential parcels; a 3 for 3 to 17 residential parcels; a 4 for 1 other parcel and 1 to 2 residential parcels; and a 5 for 1 or less residential parcels.

3.3.2.6 Measure L1.15: Potential for affecting areas with existing congestion

This measure identified potential impacts to known areas of existing congestion (e.g., major roadways and congested intersections).

Alternatives received a rating of 1 for having a potentially high impact to known areas of congestion; a 2 for moderate impacts; a 3 for some impacts; a 4 for minimal impacts; and a 5 for no impacts.

3.3.2.7 Measure L1.16: Potential for affecting parking supply and demand

This measure identified potential impacts to parking supply and known areas of high parking demand.

Alternatives received a rating of 1 for having a potentially high impact to parking supply and demand; a 2 for moderate impacts; a 3 for some impacts; a 4 for minimal impacts; and a 5 for no impacts.

3.3.2.8 Measure L1.17: Potential avoidance of hazardous waste

This measure estimated the number of hazardous materials sites within 1/8 mile (approximately 660 feet) of each alternative.

Alternatives received a rating of 1 for greater than 110 hazardous materials sites; a 2 for 81 to 110 sites; a 3 for 51 to 80 sites; a 4 for 20 to 50 sites; and a 5 for less than 20 sites.

3.4 Support Equitable Mobility

The criterion used to develop this objective was Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations. The criterion was evaluated using the two measures described below.

3.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Equitable transit service was qualitatively assessed based on demographic differences between populations located within a half mile of each station and potential acquisition or displacement of property with a presence of low-income and minority populations.

3.4.1.1 Measure L1.18: Qualitative demographic differences among the option census data (households with no car, low income, and minority populations) in station areas

This measure evaluated the percentages of minority and low-income populations within a half-mile radius of each station location and compared these populations to the overall minority and low-income percentages within each city as a whole ("baseline"). The baseline serves as the middle of the scoring range. If the percentage that the station area scored was greater than the baseline, it scored higher (ratings of 4 to 5, darker green); if the percentage that the station area served was lower than the baseline, it scored lower (ratings of 1 to 2, lighter green).

Each scoring band (1, 2, 3, etc.) represents a difference of 2 percentage points of minority and low-income populations. Minority and low-income populations were scored separately and then averaged together for a total rating.

3.4.1.2 Measure L1.19: Potential for impacts on low-income and minority populations

This measure compared the potential for property acquisition and displacement (Measure L1.10) with the presence of environmental justice (EJ) populations (minority and low-income) along the corridor segment. If there was a high potential of acquisition in addition to higher-than-baseline EJ populations, that would result in higher potential impacts. If there was a low potential of acquisition in addition to lower-than-baseline EJ populations, that would result in

lower potential impacts. A scoring matrix was built around these two end points to determine ratings.

Alternatives within each segment received lower ratings for higher potential impacts (ratings of 1 to 2, lighter green) and higher ratings for lower potential impacts (ratings of 4 to 5, darker green). The presence of EJ populations was ranked similar to Measure 18 but with a 100-foot buffer around the corridor instead of a half-mile buffer around the station areas.

3.5 Provide a Financially Sustainable and Constructible Project

The criteria used to evaluate this objective are Financial Considerations, Constructability and Engineering Considerations, Operational Considerations, and Schedule Considerations. The criteria were evaluated using the six measures described below.

3.5.1 Financial Considerations

Financial considerations were qualitatively assessed based on potential major cost elements beyond the representative project description.

3.5.1.1 Measure L1.20: Major cost elements beyond the representative project description

This measure assessed major cost elements of each alternative (e.g., I-5 crossings, major parcel impacts, track lengths, alignment profile, etc.) as compared to the ST3 Plan representative project.

Alternatives within each segment received a rating of 1 for a scope that is substantially inconsistent; a 2 for a moderately consistent scope; a 3 for a scope with minor inconsistencies; a 4 for a similar scope; and a 5 for a scope with a reduced definition.

3.5.2 Constructibility and Engineering Considerations

Constructability and engineering considerations were qualitatively assessed based on potential risks due to major utilities or structures, availability of publicly owned ROW, and capability to accommodate future expansion.

3.5.2.1 Measure L1.21: Potential risks (major utilities or structures)

This measure estimated potential impacts from known major utilities or structures (e.g., power lines, transportation infrastructure, etc.).

Alternatives within each segment received a rating of 1 for substantial impacts; a 2 for moderate impacts; a 3 for some impacts; a 4 for few impacts; and a 5 for no impacts.

3.5.2.2 Measure L1.22: Availability and potential to use publicly owned ROW

This measure assessed the availability of publicly owned ROW.

Alternatives within each segment received a rating of 1 for being located where there is no available publicly owned ROW; a 2 for minimal availability; a 3 for some availability; a 4 for moderate availability; and a 5 for substantial availability.

3.5.2.3 Measure L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan

This measure evaluated the capability of station locations and alignments to accommodate future expansion in the Sound Transit Long-Range Plan.

Alternatives within each segment received a rating of 1 for no accommodation of future expansion, through a 5 for complete accommodation of future expansion.

3.5.3 Operational Considerations

Operational considerations were qualitatively assessed based on operational elements.

3.5.3.1 Measure L1.24: Consideration of operational elements

This measure compared operational considerations including potential reliability, track alignment, tail tracks, pocket track at Tacoma Dome, number of at-grade crossings (if any), etc.

Alternatives within each segment received a rating of 1 for having elements that create multiple operational concerns, through a 5 for having elements that create no operational concerns.

3.5.4 Schedule Considerations

Schedule considerations were qualitatively assessed based on potential schedule risks.

3.5.4.1 Measure L1.25: Overall schedule risk

This measure considered the potential risks to increase or delay the schedule. Alternatives within each segment received a rating of 1 for multiple potential risks, through 5 for no potential risks.

4 Level 1 Analysis Results

This section summarizes the Level 1 analysis results by criteria for each of the alternatives in the South Federal Way, Fife, East Tacoma, and Tacoma Dome segments. Exhibit 4-1 shows the TDLE corridor segments.

4.1 South Federal Way

The South Federal Way segment begins at the Federal Way Transit Center and extends south to the King-Pierce County boundary line. Exhibit 4-2 summarizes the performance by criteria of each of the South Federal Way alternatives.

4.1.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

4.1.1.1 Ridership Potential

SF 1 performed the highest on this criterion compared to all other South Federal Way alternatives because it was within a half mile of higher existing and future population and employment and would have shorter travel times. SF 10, SF 12, and SF 13 were the lowest performing for Ridership Potential because these alternatives were within a half mile of lower existing and future population and major population/employment centers and destinations. All other alternatives performed similarly for Ridership Potential.

4.1.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

4.1.2.1 Supports Future Transit Oriented Development Opportunities

The South Federal Way alternatives with the highest performance on this criterion included SF 4A-D and SF 6. SF 4A-D had the fewest barriers to the walkshed and development potential and had the best access to amenities. SF 6 was located nearest to a zone that was compatible with TOD and was within proximity to more amenities. SF 7 and SF 12 had the lowest performance of all South Federal Way alternatives on this criterion because of the location within zones that are not compatible with TOD and had the most barriers to the walkshed and development potential. SF 12 also had no amenities within proximity of the station.

4.1.2.2 Promotes Multimodal Access and Integration

SF 1, SF 2, and SF 3 had the highest performance on this criterion of all South Federal Way alternatives primarily because these alternatives included a high number of existing and planned direct bus services. Most of the South Federal Way alternatives had similar nonmotorized access and integration. SF 6 performed the lowest for multimodal access and integration because this alternative has poor multimodal access that would be difficult to improve, and because all existing and planned transit service would require diversions to serve the station.

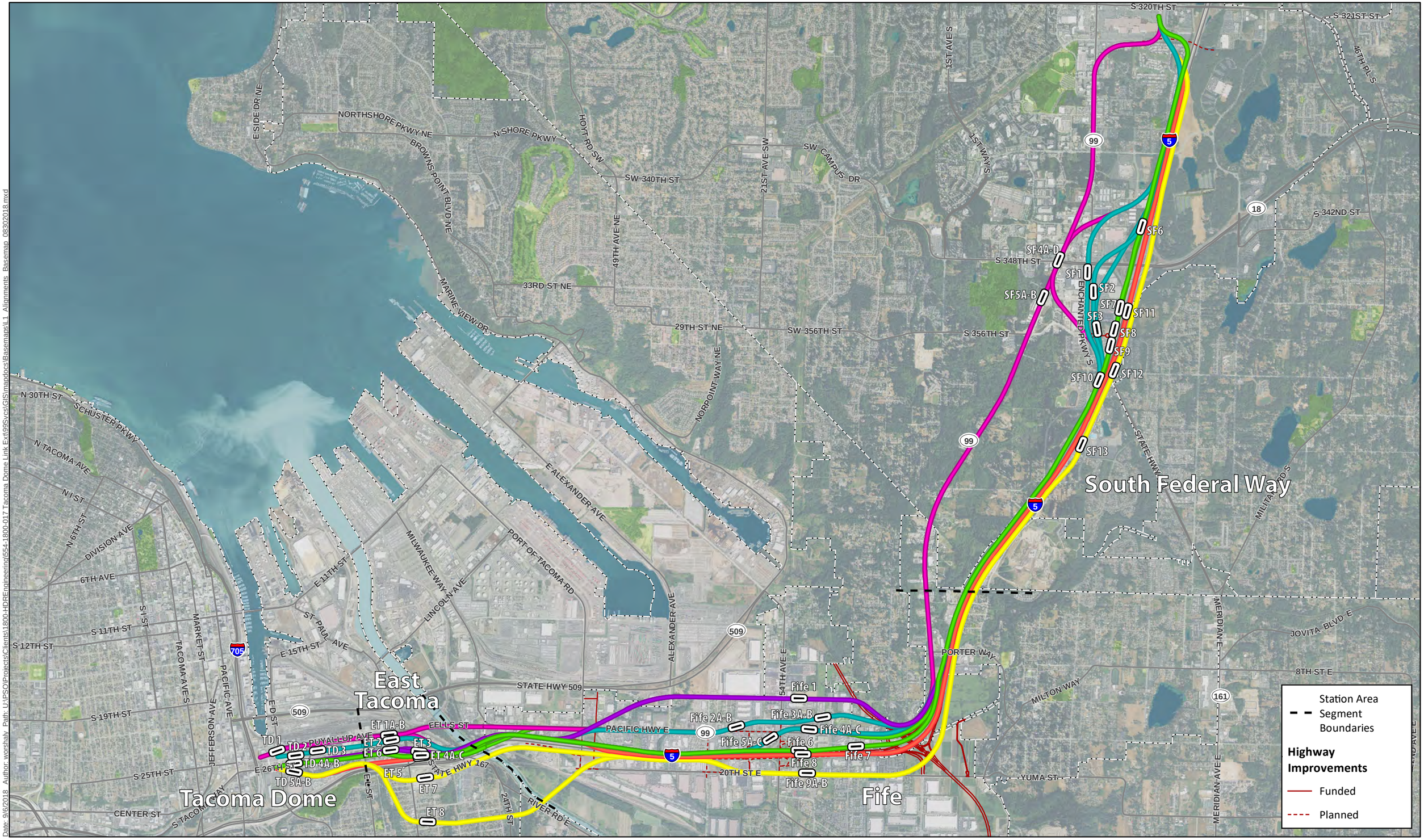

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

SOUNDTRANSIT

Exhibit 4-1

Level 1 Alternatives and Corridor Segments for the Tacoma Dome Link Extension

Date: 9/6/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR\engineering\554-1800-017 Tacoma Dome Link Ext\99\Svcs\GIS\mapdocs\Basemaps\L1_Alignments_Basemap_08302018.mxd

4.1.3 Preserve the Environment

4.1.3.1 Effects on the Natural Environment

Of all South Federal Way alternatives, SF 1, SF 4A, and SF 4D performed the highest because these alternatives have fewer impacts on wetlands and steep slopes, and no impacts on other environmental categories. SF 4B, SF 4C, SF 5A, and SF 5B performed the lowest because these alternatives have higher impacts on wetlands.

4.1.3.2 Effects on the Built Environment

SF 8, SF 9, SF 10, SF 12, and SF 13 performed the highest on this criterion of all South Federal Way alternatives. Compared to the other South Federal Way alternatives, all these alternatives would have fewer impacts on viewsheds or proximity to view-dependent businesses, lower potential for impacts from vibration and noise, lower potential for impacting areas of existing congestion, and fewer impacts from hazardous waste sites. SF 12 and SF 13 also have the fewest property impacts. SF 4A-C, SF 5A, and SF 11 performed the lowest on this criterion. All these alternatives generally had more impacts on all elements of the built environment, especially to property. The alignment of these alternatives would result in higher amounts of property impacts compared to other South Federal Way alternatives.

4.1.4 Support Equitable Mobility

4.1.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Many of the South Federal Way alternatives had a similar performance on this criterion. SF 1, SF 2, SF 3, SF 4D, SF 6, SF 7, SF 8, SF 11, and SF 12 would moderately support equitable mobility. All these alternatives would serve slightly less to slightly more low-income and minority populations when compared to Federal Way citywide and would not have high impacts from acquisitions and displacements on EJ populations. All other South Federal Way alternatives (SF 4A-C, SF 5A-B, SF 9, SF 10, and SF 13) performed lower. SF 4A-C and SF 5A-B performed lower because these alternatives would have higher impacts from acquisitions and displacements on EJ populations. SF 9, SF 10, and SF 13 had a lower performance because these stations would serve less low-income and minority populations.

4.1.5 Provide a Financially Sustainable and Constructible Project

4.1.5.1 Financial Considerations

Most of the alternatives in South Federal Way would have additional cost elements beyond the representative project description and, therefore, are lower performing. SF 1, SF 2, SF 3, SF 4A-C, SF 5A-B, SF 11, SF 12, and SF 13 were all lower performing because of additional alignment length and more potential to impact higher complexity properties. SF 4A-B and SF 5A would also have additional design considerations because the guideway would travel parallel to the Bonneville Power Administration (BPA) high-voltage transmission line. SF 11, SF 12, and SF 13

would also require additional overcrossings and/or structures over I-5. SF 6, SF 8, SF 9, and SF 10 were higher performing because these alternatives would have minimal major cost elements beyond the representative project.

4.1.5.2 Constructibility and Engineering Considerations

Many of the South Federal Way alternatives performed similarly for this criterion, with moderate performance on constructibility and engineering considerations. SF 6, SF 8, SF 9, and SF 10 performed the highest of all South Federal Way alternatives. All these alternatives would have the potential to use the Washington State Department of Transportation (WSDOT) ROW and would only have some potential risks. SF 4B and SF 5A were the lowest performing for this criterion, primarily because the alignment for each of these alternatives would cross and run parallel to the BPA high-voltage transmission line and neither alternative would have the potential to use publicly owned ROW.

4.1.5.3 Operational Considerations

Most of the alternatives in South Federal Way performed well on operational considerations. SF 1, SF 3, SF 4C, SF 5B, SF 6, SF 8, SF 9, and SF 10 would have no major operational considerations. SF 4A performed the worst of all the alternatives in South Federal Way because it has three curves that reduce operating speeds below 55 miles per hour (mph).

4.1.5.4 Schedule Considerations

SF 4D performed the best on this measure; this alternative would have one potential higher complexity property impact but no other schedule risks. SF 11, SF 12, and SF 13 performed the worst. These alternatives would have potential schedule risks that include possible high complexity property impacts and crossings of I-5. SF 11 also includes potential coordination with the SR 18 off-ramp and would have a structure over Enchanted Parkway. SF 12 and SF 13 would also have impacts to a Tribal parcel. All other alternatives performed similarly for Schedule Considerations.

EXHIBIT 4-2: SOUTH FEDERAL WAY STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	Enchanted Parkway			SR 99 to I-5/SR 99/I-5 to SR 99/I-5 to SR 99 to I-5			
	SF 1 Enchanted/348th	SF 2 Enchanted/352nd	SF 3 Enchanted/356th	SF 4 99 North a	SF 4 99 North b	SF 4 99 North c	SF 4 99 North d
EVALUATION CRITERIA							
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS							
Ridership Potential	• Faster travel time • Population and employment within 1/2 mile of station are higher compared to other stations • Station is within 1/2 mile of some major shopping destinations	• Travel time is in the middle compared to other alternatives • Population and employment within 1/2 mile of station are higher compared to other stations • Station is within 1/2 mile of major employers and destinations	• Fastest travel time • Population and employment within 1/2 mile of station is in the middle compared to other alternatives • Station is within 1/2 mile of some major shopping destinations as well as educational and recreational facilities	• Slower travel time due to length and curves • Population and employment within 1/2 mile of station are highest • Station is within 1/2 mile of some major employers and destinations	• Slower travel time due to length and curves • Population and employment within 1/2 mile of station are highest • Station is within 1/2 mile of some major employers and destinations	• Travel time is in the middle compared to other alternatives • Population and employment within 1/2 mile of station are highest • Station is within 1/2 mile of some major employers and destinations	• Slower travel time due to length and curves • Population and employment within 1/2 mile of station are highest • Station is within 1/2 mile of some major employers and destinations
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT							
Supports Future Transit-Oriented Development (TOD) Opportunities	• Commercial Enterprise Zone; also 1/2 mile from zone that allows residential • Few walkshed barriers within 1/4 mile but I-5, heavy traffic arterials create barriers within 1/2 mile of station • Station located near amenities such as major retail businesses and other retail businesses	• Commercial Enterprise Zone; zoning does not allow residential development • Large hill, I-5, heavy traffic arterials, and large block sizes are a barrier to the walkshed within 1/2 mile • Station located near amenities such as major retail businesses and others further south	• Commercial Enterprise Zone with small area of fully built-out multifamily housing; no other residential development nearby is possible • Topography, I-5, and busy arterials within 1/2 mile of the station are a walkshed barrier • Station located near limited amenities to support complete neighborhoods	• Commercial Enterprise Zone; near an Office Park Zone and 1/2 mile from zone that allows multifamily residential • Few walkshed barriers within 1/2 mile of station • Station located near the highest number of amenities to support complete neighborhoods	• Commercial Enterprise Zone; near an Office Park Zone and 1/2 mile from zone that allows residential • Few walkshed barriers within 1/2 mile of station • Station located near the highest number of amenities to support complete neighborhoods	• Commercial Enterprise Zone; near an Office Park Zone and 1/2 mile from zone that allows multifamily residential • Few walkshed barriers within 1/2 mile of station • Station located near the highest number of amenities to support complete neighborhoods	• Commercial Enterprise Zone; near an Office Park Zone and 1/2 mile from zone that allows multifamily residential • Few walkshed barriers within 1/2 mile of station • Station located near the highest number of amenities to support complete neighborhoods
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access • Highest number of direct bus routes with minor diversions required for others	• Some potential for improved nonmotorized access • Highest number of direct bus routes with minor diversions required for others	• Some potential for improved nonmotorized access • Highest number of direct bus routes with minor diversions required for others	• Some potential for improved nonmotorized access; large block sizes a barrier • Minimal direct bus service with diversions required for several routes	• Some potential for improved nonmotorized access; large block sizes a barrier • Minimal direct bus service with diversions required for several routes	• Some potential for improved nonmotorized access; large block sizes a barrier • Minimal direct service with diversions required for several routes	• Some potential for improved nonmotorized access; large block sizes a barrier • Minimal direct bus service with diversions required for several routes
PRESERVE THE ENVIRONMENT							
Effects on the Natural Environment	• Minimal impacts to wetlands (0.8 acres). No major stream crossings and some minor stream crossings. No floodplain/floodway impacts. Some steep slope impacts.	• Few impacts to wetlands (1 acre). No major stream crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.	• Few impacts to wetlands (1.1 acres). No major steam crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.	• Minimal impacts to wetlands (0.7 acres). No major stream crossings and few minor stream crossings. No floodplain/floodway impacts. Some steep slope impacts.	• Several impacts to wetlands (4.5 acres). Few major and minor stream crossings. No floodplain/floodway impacts. Fewer steep slope impacts.	• Several impacts to wetlands (4.5 acres). Few major and minor stream crossings. No floodplain/floodway impacts. Fewer steep slope impacts.	• Minimal impacts (0.7 acres) to wetlands. No major stream crossings and some minor stream crossings. No floodplain/floodway impacts. Some steep slope impacts.
Effects on the Built Environment	• Middle amount of impacted acreage; tribal parcel impacted • Some impacts to historic properties; potential impacts to cemeteries • Some impacts to viewsheds/view-dependent businesses as well as sensitive noise receptors • Impacts to areas with existing congestion and high potential for hide/ride impacts to parking (commercial property)	• Middle amount of impacted acreage; tribal parcel impacted • Few impacts to historic properties; potential impacts to cemeteries and archaeological site • Some impacts to viewsheds/view-dependent businesses; few impacts to sensitive noise receptors • Impacts to areas with existing congestion and high potential for hide/ride impacts to parking (commercial property)	• More acreage of impacted parcels; tribal parcel impacted • Few impacts to historic properties; potential impacts to cemeteries and archaeological site • Some impacts to viewsheds/view-dependent businesses; few impacts to sensitive noise receptors • Minimal impacts to areas with existing congestion; high potential for hide/ride impacts to parking (commercial property)	• More acreage of impacted parcels compared to other alternatives; tribal parcel impacted • Some impacts to major parks and historic properties; potential impacts to cemeteries • Many impacts to viewsheds/view-dependent businesses and some impacts to sensitive noise receptors • Some impacts to areas with existing congestion; high potential for hide/ride impacts to parking (commercial property)	• Highest acreage of impacted parcels; tribal parcel impacted • Potential impacts to Spring Valley character • Some impacts to major parks and historic properties; potential impacts to cemeteries and archaeological sites • Many impacts to viewsheds/view-dependent businesses; some impacts to sensitive noise receptors • Some impacts to areas with existing congestion; high potential for hide/ride impacts to parking (commercial property)	• Higher amount of impacted parcels acreage; tribal parcel impacted • Potential impacts to Spring Valley character • Some impacts to parks and historic properties; potential impacts to cemeteries and archaeological sites • Several impacts to viewsheds/view-dependent businesses and many impacts to sensitive noise receptors • Some impacts to areas with existing congestion; high potential for hide/ride impacts to parking (commercial property)	• Middle amount of impacted parcels acreage; tribal parcel impacted • Some impacts to historic properties; potential impacts to cemeteries • Some impacts to viewsheds/view-dependent businesses and many impacts to sensitive noise receptors • Some impacts to areas with existing congestion; high potential for hide/ride impacts to parking (commercial property)

EXHIBIT 4-2: SOUTH FEDERAL WAY STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	Enchanted Parkway			SR 99 to I-5/SR 99/I-5 to SR 99/I-5 to SR 99 to I-5			
	SF 1 Enchanted/348th	SF 2 Enchanted/352nd	SF 3 Enchanted/356th	SF 4 99 North a	SF 4 99 North b	SF 4 99 North c	SF 4 99 North d
							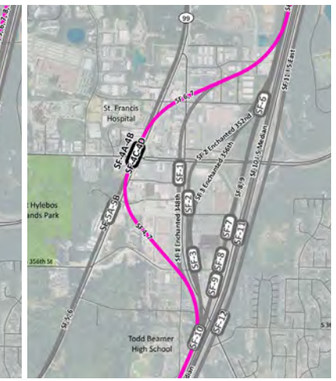
EVALUATION CRITERIA							
SUPPORT EQUITABLE MOBILITY							
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves similar low-income/minority populations compared to Federal Way's average • Moderate amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT							
Financial Considerations (compared to Representative Project)	• Additional potential full property acquisitions (multifamily and commercial properties) • Additional property impacts on Enchanted Parkway • Additional alignment length (0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily and commercial properties) • Additional property impacts on Enchanted Parkway • Additional alignment length (0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily and retail properties) • Additional property impacts on Enchanted Parkway • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily, major retail, and commercial properties) • Additional property impacts on SR 99 • Additional alignment length (0.3 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (commercial properties) • Additional property impacts on SR 99 • Additional alignment length (0.3 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily and commercial properties) • Additional property impacts on SR 99 • Additional alignment length (0.2 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily, major retail, and commercial properties) • Additional alignment length (0.4 miles) • No additional crossings of I-5
Constructability and Engineering Considerations	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • No crossings of I-5 mainline • Some potential to use public right-of-way (ROW) north and south of station	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • No crossings of I-5 mainline • Some potential to use public ROW north and south of station	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • No crossings of I-5 mainline • Some potential to use public ROW north and south of station	• Alignment crosses BPA high voltage transmission lines at S 324th Street and runs parallel along S 324th Street • No crossings of I-5 mainline • Some potential to use public ROW south of station	• Alignment crosses BPA high voltage transmission lines at S 324th Street and runs parallel along S 324th Street • No crossings of I-5 mainline • No potential to use public ROW	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • No crossings of I-5 mainline • Some potential to use public ROW north of station	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • No crossings of I-5 mainline • Some potential to use public ROW north and south of station
Operational Considerations	• All curves at least 55 MPH	• Curve at S 348th reduces operating speed to 40 MPH	• All curves at least 55 MPH	• Curves near S 324th and S 322nd reduce operating speed to 30 MPH and 45 MPH • Curve back to I-5 at 352nd reduces speed to 45 MPH	• Curves near S 324th and Pacific Highway S reduce operating speed to 30 MPH and 45 MPH	• All curves at least 55 MPH	• Curve at 352nd reduces speed to 45 MPH
Schedule Considerations	• Impacts multifamily and commercial properties • Potential property acquisitions along Enchanted Parkway • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily and commercial properties • Potential property acquisitions along Enchanted Parkway • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily properties • Potential property acquisitions along Enchanted Parkway • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily and major retail properties • Potential property acquisitions along SR 99 • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Potential property acquisitions along SR 99 • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily property • Potential property acquisitions along SR 99 • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily, major retail, and commercial properties • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure

EXHIBIT 4-2: SOUTH FEDERAL WAY STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	SR 99/I-5 to SR 99		I-5 West				
	SF 5 99 South a	SF 5 99 South b	SF 6 I-5/344th	SF 7 I-5/352nd (Representative Project)	SF 8 I-5/356th	SF 9 I-5/Jet	SF 10 I-5/359th
							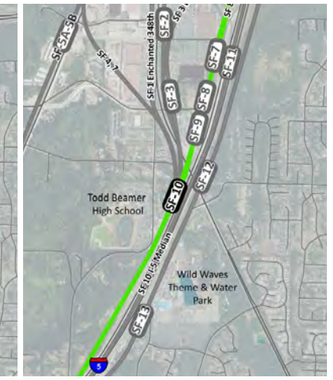
EVALUATION CRITERIA							
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS							
Ridership Potential	• Slower travel time due to length and curves • Population and employment within 1/2 mile of station are higher • Station is within 1/2 mile of major employers and destinations	• Travel time is towards the middle compared to other alternatives • Population and employment within 1/2 mile of station are higher • Station is within 1/2 mile of major employers and destinations	• Travel time is fastest • Population and employment within 1/2 mile of station are middle to higher • Station is within 1/2 mile of some major shopping destinations	• Travel time is towards the middle compared to other alternatives • Population and employment within 1/2 mile of station are towards the middle • Station is within 1/2 mile of major shopping destinations	• Fastest travel time • Population and employment within 1/2 mile of station are towards the middle comapred to other alternatives • Station is within 1/2 mile of major shopping destinations as well as educational and recreational facilities	• Fastest travel time • Population and employment within 1/2 mile of station are towards the middle compared to other alternatives • Station is within 1/2 mile of major shopping destinations as well as educational and recreational facilities	• Fastest travel time • Population and employment within 1/2 mile of station are lower compared to other alternatives • Station is within 1/2 mile of few major destinations (educational and recreational facilities)
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT							
Supports Future Transit-Oriented Development (TOD) Opportunities	• Commercial Enterprise Zone; near single family homes with larger lot sizes • Few walkshed barriers within 1/2 mile of station • Station located near few amenities to support complete neighborhoods	• Commercial Enterprise Zone; near single family homes with larger lot sizes • Few walkshed barriers within 1/2 mile of station • Station located near few amenities to support complete neighborhoods	• Commercial Enterprise Zone; adjacent to multifamily zone and zone that allows mixed uses • I-5 is major barrier to walkshed as well as the layout of the street network • Station located near a number of amenities to support complete neighborhoods	• Commercial Enterprise Zone; no residential development is possible • I-5 is major barrier to walkshed as well as the layout of the street network • Station located near some amenities to support complete neighborhoods	• Commercial Enterprise Zone; some existing residential but no additional residential development is possible • I-5, topography are major barriers to walkshed • Station located near limited amenities to support complete neighborhoods	• Commercial Enterprise Zone; some existing residential but no additional residential development is possible • I-5, topography are major barriers to walkshed • Station located near limited amenities to support complete neighborhoods	• Located in residential zones • I-5, topography are major barriers to walkshed; Todd Beamer HS is also a barrier • Station located near limited amenities to support complete neighborhoods
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access; large block sizes a barrier • Minimal direct bus service with diversions required for several routes	• Some potential for improved nonmotorized access; large block sizes a barrier • Minimal direct bus service with diversions required for several routes	• Minimal potential for improved nonmotorized access; large block sizes a barrier • No direct bus service; all routes would require diversions and loops	• Minimal potential for improved nonmotorized access; large block sizes a barrier • Highest number of direct bus routes with minor diversions for others and loops in/of stations required	• Some potential for improved nonmotorized access; large block sizes a barrier • Highest number of direct bus routes with minor diversions for others and loops in/of stations required	• Some potential for improved nonmotorized access; large block sizes a barrier • Highest number of direct bus routes with minor diversions required for others	• Sidewalks and bicycle facilities present or planned on many streets • Minimal to some potential for improved pedestrian access at I-5 • Highest number of direct bus routes with minor diversions required for others
PRESERVE THE ENVIRONMENT							
Effects on the Natural Environment	• Several impacts to wetlands (4.5 acres). Few major and minor stream crossings. No floodplain/floodway impacts. Fewer steep slope impacts.	• Several impacts to wetlands (4.5 acres). Few major and minor stream crossings. No floodplain/floodway impacts. Fewer steep slope impacts.	• Minimal impacts to wetlands (0.9 acres). No major stream crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.	• Minimal impacts to wetlands (0.9 acres). No major stream crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.	• Minimal impacts to wetlands (0.9 acres). No major stream crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.	• Minimal impacts to wetlands (0.9 acres). No major stream crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.	• Minimal impacts to wetlands (0.9 acres). No major stream crossings and some minor stream crossings parallel to Hylebos Creek. No floodplain/floodway impacts. Some steep slope impacts.
Effects on the Built Environment	• Highest amount of impacted acreage; tribal parcel impacted • Potential impacts to Spring Valley character • Some impacts to major parks, historic properties; potential impacts to cemeteries and archaeological sites • Many impacts to viewsheds/view-dependent businesses and some impacts to sensitive noise receptors • Some impacts to areas with existing congestion and some potential for hide/ride impacts to parking	• Higher amount of impacted acreage; tribal parcel impacted • Potential impacts to Spring Valley character • Some impacts to parks, historic properties; potential impacts to cemeteries and archaeological sites • Several impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Some impacts to areas with existing congestion and some potential for hide/ride impacts to parking	• Lower acreage of impacted parcels; tribal parcel impacted • Few impacts to historic properties; potential impacts to cemeteries and archaeological site • Some impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Many impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Lower acreage of impacted parcels; tribal parcel impacted • Potential impacts to major retail business loading • Few impacts to historic properties; potential impacts to cemeteries and archaeological site • Minimal impacts to viewsheds/view-dependent businesses and sensitive noise receptors • Some impacts to areas with existing congestion and high potential for hide/ride impacts to parking (commercial property)	• Lower acreage of impacted parcels; tribal parcel impacted • Minimal impacts to historic properties; potential impacts to cemeteries and archaeological site • Minimal impacts to viewsheds/view-dependent businesses and impacts to sensitive noise receptors • Minimal impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Lower acreage of impacted parcels; tribal parcel impacted • Few impacts to historic properties; potential impacts to cemeteries and archaeological site • No impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Minimal impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Lower acreage of impacted parcels; tribal parcel impacted • Few impacts to historic properties; potential impacts to cemeteries and archaeological site • Minimal impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Minimal impacts to areas with existing congestion and low potential for hide/ride impacts to parking

EXHIBIT 4-2: SOUTH FEDERAL WAY STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	SR 99/I-5 to SR 99		I-5 West				
EVALUATION CRITERIA	SF 5 99 South a	SF 5 99 South b	SF 6 I-5/344th	SF 7 I-5/352nd (Representative Project)	SF 8 I-5/356th	SF 9 I-5/Jet	SF 10 I-5/359th
						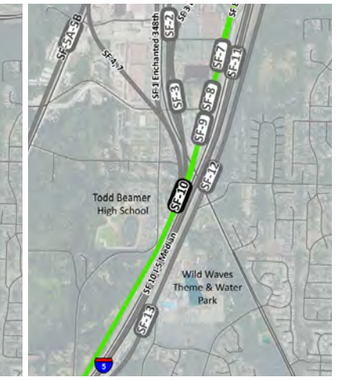
SUPPORT EQUITABLE MOBILITY							
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves similar low-income/minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations	• Station area serves slightly less low-income/ minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations	• Station area serves slightly less low-income/ minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT							
Financial Considerations (compared to Representative Project)	• Additional potential full property acquisitions (commercial properties) • Additional property impacts on SR 99 • Additional alignment length (0.3 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily and commercial properties) • Additional property impacts on SR 99 • Additional alignment length (0.2 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily properties) • No additional alignment length • No additional crossings of I-5	• Potential additional costs associated with impacts to businesses • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily property) • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily and commercial properties) • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (multifamily property) • No additional alignment length • No additional crossings of I-5
Constructability and Engineering Considerations	• Alignment crosses BPA high voltage transmission lines at S 324th Street and runs parallel along S 324th • No crossings of I-5 mainline • No public ROW available	• Alignment crosses BPA high voltage transmission lines at S 324th Street • No crossings of I-5 mainline • Some potential to use public ROW north of station	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Coordination with planned SR-18 SB off-ramp • No crossings of I-5 mainline • Potential to use WSDOT ROW	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Coordination with planned SR-18 SB off-ramp • No crossings of I-5 mainline • Potential public ROW constricted by off-ramp from SR 18	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Coordination with planned SR-18 SB off-ramp • No crossings of I-5 mainline • Potential to use WSDOT ROW	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Coordination with planned SR-18 SB off-ramp • No crossings of I-5 mainline • Potential to use WSDOT ROW	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Coordination with planned SR-18 SB off-ramp • No crossings of I-5 mainline • Potential to use WSDOT ROW
Operational Considerations	• Curves near S 324th and Pacific Highway S reduce operating speed to 30 MPH and 45 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH	• Curves near S 324th and S 322nd reduce operating speed to 30 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH
Schedule Considerations	• No impacts to major parcels • Potential property acquisitions along SR 99 • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily parcel • Potential property acquisitions along SR 99 • Impacts to tribal parcel • No anticipated interaction with other planned transportation projects or infrastructure	• Impacts multifamily parcels • Impacts to tribal parcel • Coordination with SR 18 SB off-ramp necessary	• Impacts multifamily and major retail parcels • Impacts to tribal parcel • Coordination with SR 18 SB off-ramp necessary	• Impacts multifamily parcels • Impacts to tribal parcel • Coordination with SR 18 SB off-ramp necessary	• Impacts multifamily parcels • Impacts to tribal parcel • Coordination with SR 18 SB off-ramp necessary	• Impacts multifamily parcels • Impacts to tribal parcel • Coordination with SR 18 SB off-ramp necessary

EXHIBIT 4-2: SOUTH FEDERAL WAY STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 Median	I-5 East	
	SF 11 I-5 Median	SF 12 I-5 East/ Enchanted	SF 13 I-5 East/ Wild Waves
EVALUATION CRITERIA			
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS			
Ridership Potential	• Faster travel time • Population and employment within 1/2 mile of station are towards middle compared to other alternatives • Station is within 1/2 mile of few major destinations (educational and recreational facilities)	• Faster travel time • Population and employment within 1/2 mile of station are lowest compared to other alternatives • Station is within 1/2 mile of few major destinations (educational and recreational facilities)	• Faster travel time • Population and employment within 1/2 mile of station are lowest compared to other alternatives • Station is within 1/2 mile of few major destinations (educational and recreational facilities)
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT			
Supports Future Transit-Oriented Development (TOD) Opportunities	• No zoning over I-5; located near Commercial Enterprise Zone; no additional residential development possible • Access to the station could be possible on either side of I-5 • Station located near limited amenities to support complete neighborhoods; educational facility nearby	• Single-family zone with some existing exceptions for low-rise apartments • The station is reachable from either side of I-5 via Enchanted Pkwy but the roadway network and topography east of I-5 reduces the walkshed • There are no amenities to support complete neighborhoods	• Office Park zone; two single family zones nearby • I-5 is a major barrier to the walkshed but access to the south and east is possible • There are no amenities to support complete neighborhoods
Promotes Multimodal Access and Integration	• Potential for improved pedestrian access; large block sizes a barrier • Highest number of direct bus routes with minor diversions for others and loops in/of stations required	• Limited nonmotorized access due to I-5 and large block sizes and minimal improvement potential • Highest number of direct bus routes with minor diversions for others and loops in/of stations required	• Limited potential for improved pedestrian access; large block sizes a barrier • No direct bus service; diversions from arterials would result in unserved areas
PRESERVE THE ENVIRONMENT			
Effects on the Natural Environment	• Minimal impacts to wetlands (< 0.1 acres). No major stream crossings and few minor stream crossings. No floodplain/floodway impacts. Some steep slope impacts. • Potential additional impacts from freeway demolition and widening	• Minimal impacts to wetlands (0.3 acres). No floodplain/floodway impacts. Several steep slope impacts. • Alignment impacts existing open space areas	• Minimal impacts to wetlands (0.3 acres). No floodplain/floodway impacts. Several steep slope impacts. • Alignment impacts existing open space areas
Effects on the Built Environment	• Lower acreage of impacted parcels; extensive WSDOT ROW needed; no tribal parcels impacted if within WSDOT ROW • Potential additional impacts from freeway demolition and widening • No impacts to historic properties; potential impacts to cemeteries and archaeological site • No impacts to viewsheds/view-dependent businesses; few impacts to sensitive noise receptors • Minimal impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Least acreage of impacted parcels; tribal parcel impacted • Few impacts to historic properties • Minimal impacts to viewsheds/view-dependent businesses and sensitive noise receptors • Minimal impacts to areas with existing congestion and low potential for hide/ride impacts to parking	• Least acreage of impacted parcels; tribal parcel impacted • Few impacts to historic properties • Minimal impacts to viewsheds/view-dependent businesses and sensitive noise receptors • Minimal impacts to areas with existing congestion and medium potential for hide/ride impacts to parking

EXHIBIT 4-2: SOUTH FEDERAL WAY STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 Median	I-5 East	
EVALUATION CRITERIA	SF 11 I-5 Median	SF 12 I-5 East/ Enchanted	SF 13 I-5 East/ Wild Waves
SUPPORT EQUITABLE MOBILITY			
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves similar low-income/minority populations compared to Federal Way's average • Highest amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves slightly less low-income/ minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations	• Station area serves less low-income/minority populations compared to Federal Way's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT			
Financial Considerations (compared to Representative Project)	• Additional potential full property acquisitions (multifamily property) • No additional alignment length • 1 additional crossing of I-5 • Additional pedestrian overpasses on either side of I-5 • Additional cost from freeway demolition and widening	• Additional potential full property acquisitions (multifamily property) • No additional alignment length • 1 additional crossing of I-5	• Additional potential full property acquisitions (multifamily property) • No additional alignment length • 1 additional crossing of I-5
Constructability and Engineering Considerations	• Alignment crosses BPA high voltage transmission lines, I-5 southbound lanes into median, and major I-5 highway crossings at SR-18 and Enchanted Parkway • Coordination with planned SR-18 SB off-ramp • Potential to use WSDOT ROW but could require freeway widening	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Crosses I-5 mainline • Potential to use WSDOT ROW	• Alignment crosses BPA high voltage transmission lines near 23rd Avenue S • Crosses I-5 mainline • Potential to use WSDOT ROW
Operational Considerations	• Curve near S 324th and S 322nd reduces speed to 50 MPH	• Curve near S 324th and S 322nd reduces speed to 50 MPH	• Curve near S 324th and S 322nd reduces speed to 50 MPH
Schedule Considerations	• Impacts multifamily parcel • No impacts to tribal parcels • Coordination with SR 18 SB off-ramp necessary • Crossing of I-5 southbound lanes into median and major I-5 highway crossings at SR-18 and Enchanted Parkway • Potential freeway demolition and widening	• Impacts multifamily parcel • Impacts to tribal parcel • Crossing of I-5	• Impacts multifamily parcel • Impacts to tribal parcel • Crossing of I-5

4.2 Fife

The Fife Segment begins at the King-Pierce County line and extends west to the Fife-Tacoma city boundary just east of the Puyallup River. Exhibit 4-3 summarizes the performance by criteria of each of the Fife alternatives.

4.2.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

4.2.1.1 Ridership Potential

Most of the Fife alternatives performed similarly for Ridership Potential. Generally, all the Fife alternatives would be within proximity to similar existing and future population, major destinations, and have similar travel times. Fife 1, Fife 2A-B, Fife 8, and Fife 9A were slightly lower performing compared to the other alternatives in Fife because each were within proximity to fewer major destinations and had more curves and/or alignment length that reduced travel times.

4.2.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

4.2.2.1 Supports Future Transit Oriented Development Opportunities

Fife 4A-C were the highest performing of all the Fife alternatives because these alternatives are located within the Community Commercial zone that is the most compatible with TOD, have fewer barriers due to locations away from I-5, and have a good mix of amenities nearby. Fife 7 performed the lowest of all the Fife alternatives, particularly because there are no amenities nearby and it has many barriers because of its adjacency to I-5 and the presence of a steep slope to the northeast.

4.2.2.2 Promotes Multimodal Access and Integration

Many of the Fife alternatives performed higher on this criterion, including Fife 2A-B, Fife 3A-B, Fife 4A-C, and Fife 5A-C. These alternatives performed higher because of minimal deviations of bus routes required to serve the stations, and because these alternatives would have more potential for improvement of nonmotorized access. Fife 1 performed the lowest because it is not currently served by any bus service and diversions would be necessary.

4.2.3 Preserve the Environment

4.2.3.1 Effects on the Natural Environment

All the Fife alternatives would have many impacts on floodplains and major and minor stream crossings.

Most of the Fife alternatives would have a similar, moderate performance for effects on the natural environment. Fife 2A-B, Fife 3A-B, Fife 4A-C, Fife 5A-C, Fife 6, and Fife 7 performed

better than other Fife alternatives primarily because of fewer wetlands impacts. Fife 9A and Fife 9B performed the lowest because of many impacts to wetlands and more impacts to floodplains than the other Fife alternatives.

4.2.3.2 Effects on the Built Environment

Most of the Fife alternatives performed moderately on this criterion. The highest performing alternative in Fife is Fife 7. This is because Fife 7 would have fewer property impacts, no impacts associated with viewsheds or view-dependent businesses, few impacts from vibration and noise, and low impacts to parking supply and demand. Fife 8 performed the lowest, primarily because of the potential to have many impacts to property due to the need to widen I-5, including major congestion impacts during freeway widening.

4.2.4 Support Equitable Mobility

4.2.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Fife 6, Fife 7, and Fife 8 performed the highest compared to other Fife alternatives because of serving more low-income and minority populations when compared to Fife citywide, and would have less acquisitions and displacements that could impact EJ populations. All other Fife alternatives performed moderately on this criterion.

4.2.5 Provide a Financially Sustainable and Constructible Project

4.2.5.1 Financial Considerations

Most Fife alternatives performed moderately on this criterion. Fife 8, Fife 9A, and Fife 9B had the lowest performance because these alternatives would require additional structures and/or overcrossings of I-5.

4.2.5.2 Constructibility and Engineering Considerations

Fife 4A and Fife 5A performed the highest primarily because there would be some availability to use publicly owned ROW and there would be minimal potential risks. All other Fife alternatives had a similar, moderate performance on this criterion.

4.2.5.3 Operational Considerations

Fife 9A and Fife 9B performed the highest for Operational Considerations because these alternatives have no curves that reduce operating speeds below 55 mph. Fife 1, Fife 2A-B, and Fife 3A-B performed lower because of multiple curves that would reduce operating speeds.

4.2.5.4 Schedule Considerations

Most of the Fife alternatives performed similarly with a moderate performance for Schedule Considerations. The alternatives with the lowest performance were Fife 6, Fife 7, and Fife 9A-B. These alternatives would have more possible high-complexity property impacts, impacts on Tribal parcels, and coordination with the SR 167 project and 54th Street Interchange project.

EXHIBIT 4-3: FIFE STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 West to 12th	I-5 to Pacific Hwy to I-5/Pacific Hwy to I-5			
	Fife 1 12th St	Fife 2 Pacific Hwy West a	Fife 2 Pacific Hwy West b	Fife 3 15th St a	Fife 3 15th St b
		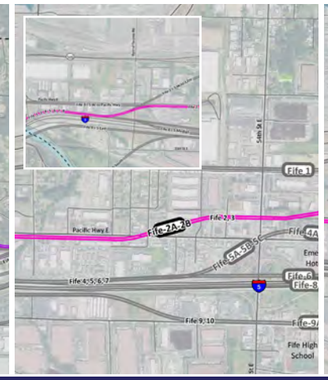		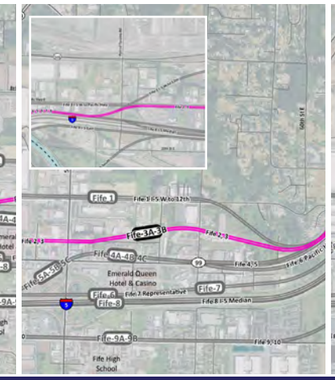	
EVALUATION CRITERIA					
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS					
Ridership Potential	• Slower travel time • Station is within 1/2 mile of some major employers and destinations	• Slower travel time • Station is within 1/2 mile of some major employers and destinations as well as the Port of Tacoma Manufacturing/Industrial Center	• Slower travel time • Station is within 1/2 mile of some major employers and destinations as well as the Port of Tacoma Manufacturing/Industrial Center	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of more major employers and destinations as well as the Port of Tacoma Manufacturing/Industrial Center	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of more major employers and destinations as well as the Port of Tacoma Manufacturing/Industrial Center
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT					
Supports Future Transit-Oriented (TOD) Development Opportunities	• Industrial zone; less supportive of housing and business development • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St; existing development may prevent infill of street network • Near few amenities except amenities at Fife Square	• Business Park zone; supports business development; no residential development is possible • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St • Near some amenities that include small-scale shopping and services	• Business Park zone; supports business development; no residential development is possible • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St • Near some amenities that include small-scale shopping and services	• Three zones that are supportive of housing and business development; also City of Fife's future City Center • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St • Near few amenities	• Station is located in 3 zones that are supportive of housing and business development as well as the City of Fife's future City Center • Few walkshed barriers with the exception of heavy semi truck traffic on Pacific Hwy and 54th • Near few amenities
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access • No bus service currently provided; options available to provide for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications
PRESERVE THE ENVIRONMENT					
Effects on the Natural Environment	• Few impacts to wetlands (1.6 acres). Impacts to several major and minor stream crossings and restoration areas of Wapato Creek. Several impacts to floodplains/floodways (36 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.5 acres). Some major and minor stream crossings. Many impacts to floodplains/floodways (25 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.5 acres). Some major and minor stream crossings. Many impacts to floodplains/floodways (25 acres). Minimal steep slope impacts. Minimal steep slope impacts.	• Minimal impacts to wetlands (0.5 acres). Some major and minor stream crossings. Many impacts to floodplains/floodways (25 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.5 acres). Some major and minor stream crossings. Many impacts to floodplains/floodways (25 acres). Minimal steep slope impacts.
Effects on the Built Environment	• More acreage of impacted parcels; several tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses; many impacts to sensitive noise receptors • Few impacts to areas with existing congestion; low potential for hide/ride impacts to parking	• Middle amount of impacted parcel acreage; several tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Some impacts to viewsheds/view-dependent businesses and many impacts to sensitive noise receptors • Some impacts to areas with existing congestion; medium potential for hide/ride parking impacts	• Middle amount of impacted parcel acreage; several tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites and sensitive tribal cultural areas • Some impacts to viewsheds/view-dependent businesses; many impacts to sensitive noise receptors • Some impacts to areas with existing congestion; medium potential for hide/ride parking impacts	• Middle amount of impacted parcel acreage; several tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Some impacts to viewsheds/view-dependent businesses; many impacts to sensitive noise receptors • Some impacts to areas with existing congestion; low potential for hide/ride impacts to parking	• Middle amount of impacted parcel acreage; several tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites and sensitive tribal cultural areas • Some impacts to viewsheds/view-dependent businesses and many impacts to sensitive noise receptors • Some impacts to areas with existing congestion; low potential for hide/ride impacts to parking

EXHIBIT 4-3: FIFE STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 West to 12th	I-5 to Pacific Hwy to I-5/Pacific Hwy to I-5			
	Fife 1 12th St	Fife 2 Pacific Hwy West a	Fife 2 Pacific Hwy West b	Fife 3 15th St a	Fife 3 15th St b
		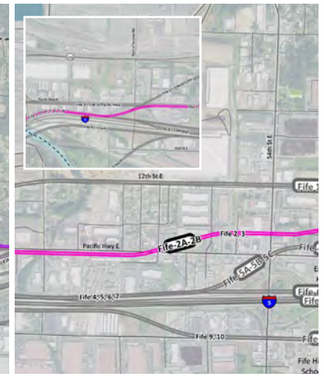		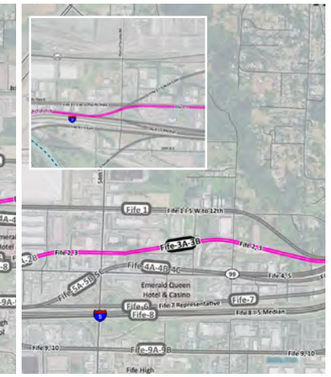	
EVALUATION CRITERIA					
SUPPORT EQUITABLE MOBILITY					
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves similar levels of low-income/ minority populations compared to Fife's average • Higher amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves similar levels of low-income/ minority populations compared to Fife's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves similar levels of low-income/ minority populations compared to Fife's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT					
Financial Considerations (compared to Representative Project)	• Additional potential full property acquisitions (industrial property) • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (commercial property) • Shorter alignment length (-0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (commercial property) • Shorter alignment length (-0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (commercial property) • Shorter alignment length (-0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (commercial property) • Shorter alignment length (-0.1 miles) • No additional crossings of I-5
Constructability and Engineering Considerations	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Some public ROW available north of Fife Heights and after Port of Tacoma Rd; large portion with no public ROW available	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Small portion of public ROW near Port of Tacoma Rd; large portion with no public ROW available	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • No public ROW available	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Small portion of public ROW near Port of Tacoma Rd; large portion with no public ROW available	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • No public ROW available
Operational Considerations	• Curve around Fife Heights Ridge reduces operating speed to 35 MPH and 45 MPH	• Curve around Fife Heights is 40 MPH • Two curves along 15th Ave are 45 MPH • One curve reduces speeds to 50 MPH	• Curve around Fife Heights is 40 MPH • Two curves along 15th Ave are 45 MPH	• Curve around Fife Heights is 40 MPH • Two curves along 15th Ave are 45 MPH • One curve reduces speeds to 50 MPH	• Curve around Fife Heights is 40 MPH • Two curves along 15th Ave are 45 MPH
Schedule Considerations	• Impacts to industrial parcels • Impacts to several tribal parcels	• Impacts to commercial parcel • Impacts to several tribal parcels	• Impacts to commercial parcel • Impacts to several tribal parcels	• Impacts to commercial parcel • Impacts to several tribal parcels	• Impacts to commercial parcel • Impacts to several tribal parcels

EXHIBIT 4-3: FIFE STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 to SR 99/Pacific Hwy E/Pacific Hwy S					
	Fife 4 Pacific Hwy East a	Fife 4 Pacific Hwy East b	Fife 4 Pacific Hwy East c	Fife 5 Pacific Hwy South a	Fife 5 Pacific Hwy South b	Fife 5 Pacific Hwy South c
	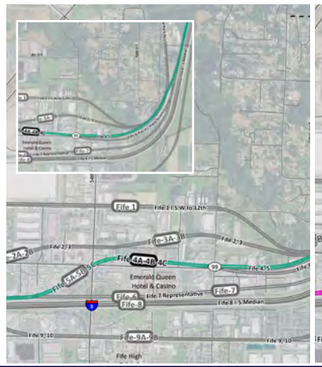				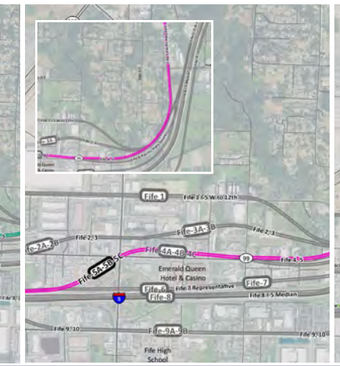	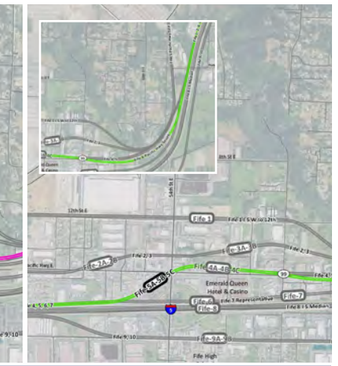
EVALUATION CRITERIA						
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS						
Ridership Potential	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of some major employers and destinations	• Faster travel time • Station is within 1/2 mile of some major employers and destinations	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of some major employers and destinations	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of some major employers and destinations	• Faster travel time • Station is within 1/2 mile of some major employers and destinations	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of some major employers and destinations
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT						
Supports Future Transit-Oriented (TOD) Development Opportunities	• Community Commercial Zone; very supportive of housing and business development • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St • Near amenities such as small shops and services	• Community Commercial Zone; very supportive of housing and business development • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St • Near amenities such as small shops and services	• Community Commercial Zone; very supportive of housing and business development • Few walkshed barriers except heavy semi-truck traffic on Pacific Hwy, 54th St • Near amenities such as small shops and services	• Regional Commercial zone; supportive of housing and business development but site is outside the City Center area • I-5 is a major barrier; major arterials also limit walkshed • Near some amenities that include small-scale shopping and services	• Regional Commercial zone; supportive of housing and business development but site is outside the City Center area • I-5 is a major barrier; major arterials also limit walkshed • Near some amenities that include small-scale shopping and services	• Regional Commercial zone; supportive of housing and business development but site is outside the City Center area • I-5 is a major barrier; major arterials also limit walkshed • Near some amenities that include small-scale shopping and services
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency transit service with options for service modifications	• Some potential for improved nonmotorized access • Highest frequency bus service with options for service modifications
PRESERVE THE ENVIRONMENT						
Effects on the Natural Environment	• Minimal impacts to wetlands (0.4 acres). Some major and minor stream crossings. Many impacts to floodplains/floodways (21 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.4 acres). Some major and minor stream crossings. Many impacts to floodplains/floodways (19 acres). Minimal steep slope impacts.	• No impacts to wetlands. Some major and minor stream crossings. Many impacts to floodplains/floodways (28 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.4 acres). Few major and minor stream crossings. Many impacts to floodplains/floodways (21 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.4 acres). Few major and minor stream crossings. Many impacts to floodplains/floodways (19 acres). Minimal steep slope impacts.	• No impacts to wetlands. Some major and minor stream crossings. Many impacts to floodplains/floodways (28 acres). Minimal steep slope impacts.
Effects on the Built Environment	• Fewer acreage of impacted parcels; some tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses; some impacts to sensitive noise receptors • Major impacts to areas with existing congestion; high potential for hide/ride parking impacts (commercial property)	• Fewer acreage of impacted parcels; some tribal parcels impacted • Some impacts to parks, historic properties; potential impacts to archaeological sites • Some impacts to viewsheds/view-dependent businesses; many impacts to sensitive noise receptors • Major impacts to areas with existing congestion; high potential for hide/ride parking impacts (commercial property)	• Fewer acreage of impacted parcels; some tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses; some impacts to sensitive noise receptors • Major impacts to areas with existing congestion; high potential for hide/ride parking impacts parking (commercial property)	• Fewer acreage of impacted parcels; some tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses; some impacts to sensitive noise receptors • Major impacts to areas with existing congestion; medium potential for hide/ride parking impacts	• Fewer acreage of impacted parcels; some tribal parcels impacted • Some impacts to parks, historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses; many impacts to sensitive noise receptors • Major impacts to areas with existing congestion; medium potential for hide/ride parking impacts	• Fewer acreage of impacted parcels; some tribal parcels impacted • Some impacts to historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses; some impacts to sensitive noise receptors • Major impacts to areas with existing congestion; medium potential for hide/ride parking impacts

EXHIBIT 4-3: FIFE STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

		I-5 to SR 99/Pacific Hwy E/Pacific Hwy S				
EVALUATION CRITERIA	Fife 4 Pacific Hwy East a	Fife 4 Pacific Hwy East b	Fife 4 Pacific Hwy East c	Fife 5 Pacific Hwy South a	Fife 5 Pacific Hwy South b	Fife 5 Pacific Hwy South c
	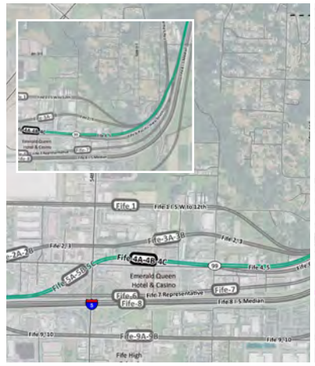				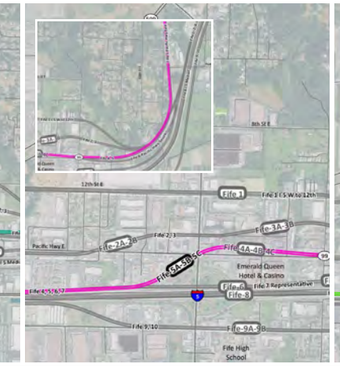	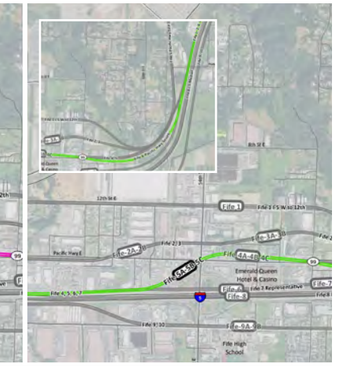
SUPPORT EQUITABLE MOBILITY						
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in few potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in few potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in few potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in few potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in few potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in few potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT						
Financial Considerations (compared to Representative Project)	• Additional potential full property acquisitions (retail property) • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (retail property) • Shorter alignment length (-0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (retail property) • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (retail property) • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions (retail property) • Shorter alignment length (-0.1 miles) • No additional crossings of I-5	• Additional potential full property acquisitions (retail property) • No additional alignment length • No additional crossings of I-5
Constructability and Engineering Considerations	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Some public ROW north of Fife Heights and west of 54th St interchange	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Minimal public ROW west of 54th St interchange	• Crosses two ramps of the planned SR 167 project • No crossings of the I-5 mainline • Some public ROW north of Fife Heights and west of 54th St interchange	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Public ROW north of Fife Heights and the west of 54th St interchange	• Crosses a single ramp of the planned SR 167 project • No crossings of the I-5 mainline • Minimal public ROW west of 54th St interchange	• Crosses two ramps of the planned SR 167 project • No crossings of the I-5 mainline • Some public ROW north of Fife Heights and west of 54th St interchange
Operational Considerations	• Curves on Pac Hwy reduce operating speed to 45 MPH and to 50 MPH	• Curves on Pac Hwy reduce operating speed to 45 MPH and to 50 MPH	• Curves on Pac Hwy reduce operating speed to 45 MPH and to 50 MPH	• Curves on Pac Hwy reduce operating speed to 45 MPH and to 50 MPH	• Curves on Pac Hwy reduce operating speed to 45 MPH and to 50 MPH	• Curves on Pac Hwy reduce operating speed to 45 MPH and to 50 MPH
Schedule Considerations	• Impacts to multifamily and retail parcels • Impacts to some tribal parcels	• Impacts to multifamily and retail parcels • Impacts to some tribal parcels	• Impacts to multifamily and retail parcels • Impacts to some tribal parcels	• Impacts to multifamily and retail parcels • Impacts to some tribal parcels	• Impacts to multifamily and retail parcels • Impacts to some tribal parcels	• Impacts to multifamily and retail parcels • Impacts to some tribal parcels

EXHIBIT 4-3: FIFE STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 West		I-5 Median	I-5 South	
	Fife 6 I-5 West (Representative Project)	**Fife 7 I-5 East**	**Fife 8 I-5 Median**	**Fife 9 20th St** a	**Fife 9 20th St** b
EVALUATION CRITERIA					
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS					
Ridership Potential	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of some major employers and destinations	• Travel time is in the middle compared to other alternatives • Station is within 1/2 mile of some major employers and destinations but no existing/future population and employment centers	• Slower travel time • Station is within 1/2 mile of some major employers and destinations	• Slowest travel time • Station is within 1/2 mile of some major employers and destinations but no existing/future population and employment centers	• Faster travel time • Station is within 1/2 mile of some major employers and destinations
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT					
Supports Future Transit-Oriented (TOD) Development Opportunities	• Regional Commercial zone; supportive of housing and business development but site is outside the City Center area • Potential impacts to tribal facilities • I-5 is a major walkshed barrier; major arterials and large developments also limit the walkshed • Near few amenities that include small-scale shopping and services	• Regional Commercial zone; supportive of housing and business development but site is outside the City Center area • I-5 is a major walkshed barrier; topography also limits the walkshed • Minimal amenities near the station	• Nearby zoning (Regional Commercial, Community Mixed Use) are supportive of housing and business development • I-5 is a major walkshed barrier; major arterials also limit the walkshed but access into the station helps reduce I-5 as a barrier • Some amenities near the station that support complete neighborhoods	• Residential uses near the station; more limited area that can be commercially developed • There are some barriers to the walkshed due to I-5 and large street grid • Civic and community amenities exist but minimal opportunity to develop service and retail amenities	• Residential uses near the station; more limited area that can be commercially developed • There are some barriers to the walkshed due to I-5 and large street grid • Civic and community amenities exist but minimal opportunity to develop service and retail amenities
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access at I-5 • Highest frequency bus service with options for service modifications	• Minimal potential for improved nonmotorized access at I-5 • Highest frequency bus service with options for service modifications	• Some potential for improved nonmotorized access at I-5 however median location reduces pedestrian experience • Highest frequency bus service with options for service modifications but a longer walk than other stations with access from SR 99	• Some potential for improved nonmotorized access at I-5; large block size and access to commercial areas sizes a barrier • Less frequent bus service than other alternatives with options for service modifications	• Some potential for improved nonmotorized access at I-5; large block size and access to commercial areas sizes a barrier • Less frequent bus service than other alternatives with options for service modifications
PRESERVE THE ENVIRONMENT					
Effects on the Natural Environment	• No impacts to wetlands. Few major and minor stream crossings parallel to Hylebos Creek. Many floodplain/floodway impacts (25 acres). Minimal steep slope impacts.	• No impacts to wetlands. Few major and minor stream crossings parallel to Hylebos Creek. Many impacts to floodplains/floodways (25 acres). Minimal steep slope impacts.	• Minimal impacts to wetlands (0.1 acres). Few major and minor stream crossings parallel to Hylebos Creek. Some impacts to floodplains/floodways (14 acres). Minimal steep slope impacts. • Additional potential impacts from freeway widening	• Many impacts to wetlands (> 10 acres). Some major and minor stream crossings parallel to Hylebos Creek. Many impacts to floodplains/floodways (36 acres). Minimal steep slope impacts.	• Many impacts to wetlands (> 10 acres). Some major and minor stream crossings parallel to Hylebos Creek. Many impacts to floodplains/floodways (35 acres). Minimal steep slope impacts.
Effects on the Built Environment	• Fewer acreage of impacted parcels; some tribal parcels impacted including a regionally significant employer • Some impacts to historic properties; potential impacts to archaeological sites • No impacts to viewsheds/view-dependent businesses; few impacts to sensitive noise receptors • Major impacts to areas with existing congestion and high potential for hide/ride parking impacts (commercial property)	• Fewer acreage of impacted parcels; some tribal parcels impacted including a regionally significant employer • Some impacts to historic properties; potential impacts to archaeological sites • No impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Moderate impacts to areas with existing congestion and low potential for hide/ride impacts to parking	• Fewer acreage of impacted parcels; extensive WSDOT ROW needed; no tribal parcels impacted if within WSDOT ROW • Additional potential impacts from freeway widening • Some impacts to historic properties; potential impacts to archaeological sites • No impacts to viewsheds/view-dependent businesses; few impacts to sensitive noise receptors • Some impacts to areas with existing congestion; medium potential for hide/ride parking impacts	• Middle amount of impacted parcel acreage; some tribal parcels impacted • Moderate impacts to parks; historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses and some impacts to sensitive noise receptors • Some impacts to areas with existing congestion; medium potential for hide/ride parking impacts	• More acreage of impacted parcels; some tribal parcels impacted • Moderate impacts to parks, historic properties; potential impacts to archaeological sites • Minimal impacts to viewsheds/view-dependent businesses and some impacts to sensitive noise receptors • Some impacts to areas with existing congestion; medium potential for hide/ride parking impacts

EXHIBIT 4-3: FIFE STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 West		I-5 Median	I-5 South	
	Fife 6 I-5 West (Representative Project)	**Fife 7 I-5 East**	**Fife 8 I-5 Median**	**Fife 9 20th St** a	**Fife 9 20th St** b
EVALUATION CRITERIA					
SUPPORT EQUITABLE MOBILITY					
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in lower potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lower amounts of acquisition/displacement would result in lower potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Lowest amounts of acquisition/displacement would result in lower potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Higher amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves slightly more low-income/ minority populations compared to Fife's average • Higher amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT					
Financial Considerations (compared to Representative Project)	• Potential property acquisitions accounted for • No additional alignment length • No additional crossings of I-5	• Potential property acquisitions accounted for • No additional alignment length • No additional crossings of I-5	• Potential property acquisitions accounted for • Additional alignment length (0.1 miles) • 1 additional crossing of I-5 • Additional pedestrian overpasses on both sides of I-5 at the station	• Additional full property acquisitions are possible (multifamily property) • Additional alignment length (0.2 miles) • 1 additional crossing of I-5 at Puyallup River	• Additional full property acquisitions are possible (multifamily property) • Shorter alignment length (-0.1 miles) • 1 additional crossing of I-5 at Puyallup River
Constructability and Engineering Considerations	• Multiple crossings of the planned SR 167 project and crossing of planned 54th St interchange project • No crossings of the I-5 mainline • Minimal ROW because of SR 167 Project auxiliary lane	• Multiple crossings of the planned SR 167 project and crossing of planned 54th St interchange project • No crossings of the I-5 mainline • Potential to use WSDOT ROW	• Two crossings of the planned SR 167 project and crossing of planned 54th St interchange project • Potential constructibility challenegs from traveling in I-5 median • Minimal potential to use WSDOT ROW	• Multiple crossings of the planned SR 167 project and crossing of planned 54th St interchange project • 1 crossing of the I-5 mainline • Public ROW north of Fife Heights and the west of 54th St	• Multiple crossings of the planned SR 167 project and crossing of planned 54th St interchange project • 1 crossing of the I-5 mainline • Public ROW north of Fife Heights and the west of 54th St
Operational Considerations	• Two curves reduce speed to 50 MPH near I-5 bend	• Two curves reduce speed to 50 MPH near I-5 bend	• Two curves near Port of Tacoma Road interchange reduce speeds to 50 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH
Schedule Considerations	• Impacts to commercial and multifamily parcels • Impacts to some tribal parcels • Coordination with the planned SR 167 project and 54th St interchange project	• Impacts to commercial and multifamily parcels • Impacts to some tribal parcels • Coordination with the planned SR 167 project and 54th St interchange project	• No impacts to major parcels • No impacts to tribal parcels • Coordination with the planned SR 167 project and 54th St interchange project	• Impacts to multifamily parcels • Impacts to some tribal parcels • Coordination with the planned SR 167 project and 54th St interchange project	• Impacts to multifamily parcels • Impacts to several tribal parcels • Coordination with the planned SR 167 project and 54th St interchange project

4.3 East Tacoma

The East Tacoma Segment begins at the Fife-Tacoma city limits, crossing the Puyallup River to East L Street. Exhibit 4-4 summarizes the performance by criteria for each of the East Tacoma alternatives.

4.3.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

4.3.1.1 Ridership Potential

The highest performing alternative in East Tacoma was ET 5. This alternative had a higher performance because it was within proximity to more existing and future population and employment and would have a faster travel time. All other East Tacoma alternatives were similar for ridership potential.

4.3.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

4.3.2.1 Supports Future Transit Oriented Development Opportunities

Most East Tacoma alternatives were lower performing for supporting future TOD opportunities, primarily because existing zoning in the East Tacoma station area does not allow transit compatible uses. ET 3, ET 4A-C, and ET 5 were slightly higher performing because these alternatives had better access to the residential neighborhood to the south of I-5, and, therefore, fewer barriers to access and development. ET 8 also was slightly higher performing because it had the fewest barriers to access and development.

4.3.2.2 Promotes Multimodal Access and Integration

Most East Tacoma alternatives performed similarly for multimodal access and integration. Compared to other East Tacoma alternatives, ET 3, ET 4A-C, ET 5, ET 6, and ET 7 performed slightly higher. ET 3, ET 4A-C, ET 5, and ET 6 performed higher because these alternatives were within proximity to the most direct bus service and would require only moderate diversions to provide service to the station. ET 7 performed better because it had better nonmotorized access and potential for improvement than most other East Tacoma alternatives while also being located near existing transit service. All other East Tacoma alternatives performed moderately.

4.3.3 Preserve the Environment

4.3.3.1 Effects on the Natural Environment

All the East Tacoma alternatives were lower performing for effects on the natural environment. These alternatives would all have impacts from the crossing of the Puyallup River and impacts on floodplains and floodways. ET 8 had the lowest performance because it would have

additional impacts on wetlands and more acreage of impacts on floodplains and floodways than other East Tacoma alternatives.

4.3.3.2 Effects on the Built Environment

ET 1A-B, ET 2, ET 3, and ET 4A-B performed the highest on this criterion. ET 1A-B and ET 2 had an even higher performance because these alternatives would have no impacts associated with viewsheds or view-dependent businesses, minimal impacts from noise and vibration, and low impacts on parking supply and demand. ET 3 and ET 4A-B performed higher primarily because of fewer impacts on properties, no impacts associated with viewsheds or view-dependent businesses, and minimal impacts from noise and vibration. ET 7 and ET 8 performed the lowest because of numerous impacts on Tribal parcels and Section 4(f), park, historic, culturally significant Tribal properties, or other protected areas. These alternatives would also have higher impacts on properties compared to most other alternatives in East Tacoma.

4.3.4 Support Equitable Mobility

4.3.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Many of the East Tacoma alternatives performed similarly for this criterion. ET 1A, ET 2, ET 3, ET 4A-C, ET 5, and ET 6 all performed slightly higher than ET 1B, ET 7, and ET 8 because of serving more low-income and minority populations when compared to Tacoma citywide, and would have less acquisitions and displacements that could impact EJ populations.

4.3.5 Provide a Financially Sustainable and Constructible Project

4.3.5.1 Financial Considerations

Most East Tacoma alternatives performed similarly for this criterion. ET 1A-B, ET 2, ET 3, ET 5, and ET 6 performed higher because of less potential for higher complexity property impacts and no other differences compared to the representative project. ET 7 and ET 8 performed the lowest of the East Tacoma alternatives because of additional structures over I-5. ET 7 would also have additional costs associated with impacts on new development. ET 8 would also have additional costs for acquiring residential parcels and additional alignment length.

4.3.5.2 Constructibility and Engineering Considerations

ET 2, ET 5, and ET 6 performed the highest for this criterion. These alternatives would have the fewest potential risks and would not have potential space constraints for siting station amenities. ET 8 performed the lowest because it would have no potential to use publicly owned ROW and would include a crossing of I-5.

4.3.5.3 Operational Considerations

ET 1B, ET 3, ET 5, and ET 6 performed the highest for this criterion because these alternatives would have no curves that reduce operating speeds below 55 mph. ET 8 performed the lowest because it has one curve that reduces operating speeds to 35 mph just west of East Portland Avenue, and one curve that reduces operating speeds to 40 mph just east of East M Street.

4.3.5.4 Schedule Considerations

ET 1A, ET 2, ET 3, ET 4A, and ET 6 have minimal schedule risks except for impacts to a few Tribal parcels and, therefore, are higher performing. ET 7 is the lowest performing of all East Tacoma alternatives because of impacts to many Tribal parcels and a crossing of I-5.

EXHIBIT 4-4: EAST TACOMA STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 to Puyallup/SR 99 to Puyallup		I-5 West to 25th	I-5 West to 25th North	SR 99 to I-5 W to 26th/Representative/I-5 W to 26th		
	ET 1 Puyallup Ave a	ET 1 Puyallup Ave b	ET 2 25th St	ET 3 26th St East	ET 4 27th St North a	ET 4 27th St North b (Representative Project)	ET 4 27th St North c
							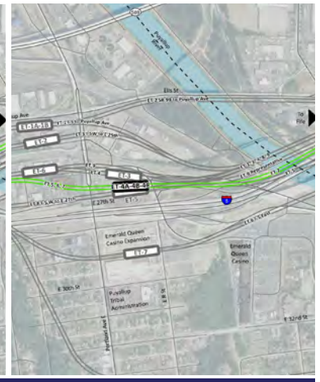
EVALUATION CRITERIA							
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS							
Ridership Potential	• Travel time is in the middle compared to other alternatives • Lowest population and highest employment • Station is near major employers and destinations	• Faster travel time • Lowest population and highest employment • Station is near major employers and destinations	• Travel time is in the middle compared to other alternatives • Lower population and middle employment • Station is near major employers and destinations	• Faster travel time • Population and employment is in the middle compared to other alternatives • Station is near major employers and destinations, including educational facility	• Travel time is in the middle compared to other alternatives • Population and employment is in the middle compared to other alternatives • Station is near major employers and destinations, including educational facility	• Travel time is in the middle compared to other alternatives • Population and employment is in the middle to upper end compared to other alternatives • Station is near major employers and destinations, including educational facility	• Travel time is in the middle compared to other alternatives • Population and employment is in the middle to upper end compared to other alternatives • Station is near major employers and destinations, including educational facility
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT							
Supports Future Transit-Oriented Development (TOD) Opportunities	• Light industrial zone; minimal potential for residential development • Existing transit infrastructure and overpasses constrain walkshed, require nonmotorized users to travel in unpleasant environment • Minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Existing transit infrastructure and overpasses constrain walkshed, require nonmotorized users to travel in unpleasant environment • Minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Existing transit infrastructure and overpasses constrain walkshed, require nonmotorized users to travel in unpleasant environment • Minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Closer to most pleasant underpassage of I-5 • Minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Closer to most pleasant underpassage of I-5 • There are minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Closer to most pleasant underpassage of I-5 • There are minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Closer to most pleasant underpassage of I-5 • There are minimal amenities that support complete neighborhoods
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• More access to the neighborhood south of I-5 • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• More access to the neighborhood south of I-5 • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• More access to the neighborhood south of I-5 • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications
PRESERVE THE ENVIRONMENT							
Effects on the Natural Environment	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (3 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and several minor stream crossings. Few impacts to floodplains/floodways (3 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and several minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.
Effects on the Built Environment	• Some acreage of impacted parcels; a few tribal parcels impacted • Minimal impacts to historic properties • Many impacts to areas with existing congestion and low potential for hide/ride impacts to parking	• Some acreage of impacted parcels; a few tribal parcels impacted • Puyallup River bridge crossing impacts a sensitive tribal cultural area • Minimal impacts to historic properties • Many impacts to areas with existing congestion and low potential for hide/ride impacts to parking	• More acreage of impacted parcels; a few tribal parcels impacted • Minimal impacts to historic properties • Many impacts to areas with existing congestion and low potential for hide/ride impacts to parking	• Less acreage of impacted parcels; a few tribal parcels impacted • Minimal impacts to historic properties • Some impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Less acreage of impacted parcels; several tribal parcels impacted • Minimal impacts to historic properties • Some impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Less acreage of impacted parcels; several tribal parcels impacted • Minimal impacts to historic properties • Some impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Less acreage of impacted parcels; several tribal parcels impacted • Minimal impacts to historic properties • Some impacts to areas with existing congestion and medium potential for hide/ride impacts to parking • Potential impacts to hazmat sites

EXHIBIT 4-4: EAST TACOMA STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 to Puyallup/SR 99 to Puyallup		I-5 West to 25th	I-5 West to 25th North	SR 99 to I-5 W to 26th/Representative/I-5 W to 26th		
	ET 1 Puyallup Ave a	ET 1 Puyallup Ave b	ET 2 25th St	ET 3 26th St East	ET 4 27th St North a	ET 4 27th St North b (Representative Project)	ET 4 27th St North c
	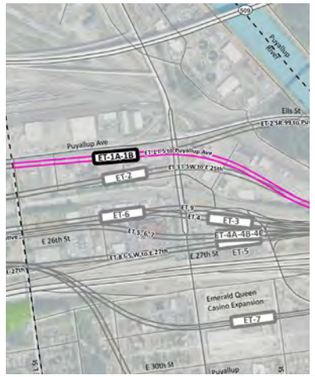	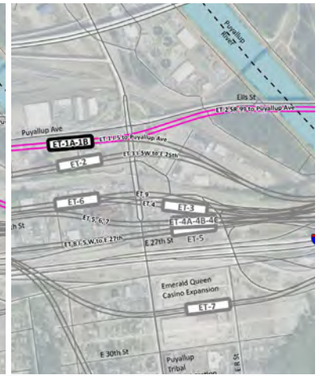				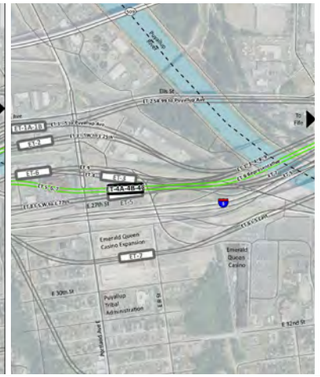	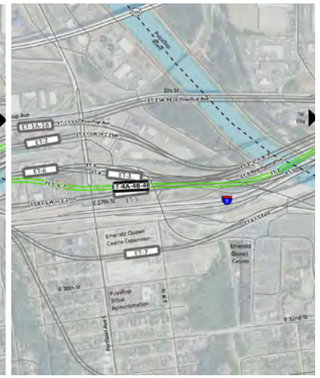
EVALUATION CRITERIA							
SUPPORT EQUITABLE MOBILITY							
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's averageHigher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Lower amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Lower amounts of acquisition/displacement would result in some potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT							
Financial Considerations (compared to Representative Project)	• Less potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• Less potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• Less potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• Less potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential full property acquisitions • No additional alignment length • No additional crossings of I-5
Constructability and Engineering Considerations	• No crossings of I-5 mainline • No available public ROW	• Bridge crossing of Puyallup River is in an area of concern • No crossings of I-5 mainline • Limited potential to use public ROW	• No crossings of I-5 mainline • Limited potential to use public ROW	• No crossings of I-5 mainline • Limited potential to use public ROW; potential space constraints for siting station amenities	• No crossings of I-5 mainline • Limited potential to use public ROW; potential space constraints for siting station amenities	• No crossings of I-5 mainline • Limited potential to use public ROW; potential space constraints for siting station amenities	• No crossings of I-5 mainline • Limited potential to use public ROW; potential space constraints for siting station amenities
Operational Considerations	• Curves at Puyallup River reduce operating speed to 45 MPH and 50 MPH	• All curves at least 55 MPH	• Curves at Puyallup River reduce operating speed to 45 MPH and 50 MPH	• All curves at least 55 MPH	• Curves near Portland Ave and N St reduce speed to 50 MPH	• Curves near Portland Ave and N St reduce speed to 50 MPH	• Curves near Portland Ave and N St reduce speed to 50 MPH
Schedule Considerations	• No impacts to major parcels • Impacts to a few tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to a few tribal parcels • Coordination needed on location of Puyallup River crossing	• No impacts to major parcels • Impacts to a few tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to a few tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to several tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to several tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to several tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure

EXHIBIT 4-4: EAST TACOMA STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 West to 27th	I-5 West to 26th	I-5 South	
	ET 5 27th St South	ET 6 26th St West	ET 7 29th St	ET 8 34th St
EVALUATION CRITERIA				
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS				
Ridership Potential	• Faster travel time • Population and employment is in the middle to upper end compared to other alternatives • Station is near major employers and destinations, including educational facility	• Faster travel time • Lower population and employment is in the middle compared to other alternatives • Station is near major employers and destinations, including educational facility	• Slower travel time • Higher population and lower employment compared to other alternatives • Station is near major employers and destinations, including educational and community facilities	• Slower travel time • Highest population and lower employment compared to other alternatives • Station is near major employers and destinations, including educational and community facilities
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT				
Supports Future Transit-Oriented Development (TOD) Opportunities	• Light industrial zone; minimal potential for residential development • Closer to most pleasant underpassage of I-5 • There are minimal amenities that support complete neighborhoods	• Light industrial zone; minimal potential for residential development • Further from most pleasant underpassage of I-5 • There are minimal amenities that support complete neighborhoods	• Inconsistent with tribal economic development and land use goals • I-5 is a barrier to the north but there are no other barriers to the walkshed • The station would provide access to the tribal headquarters and activity center but there are limited other clusters of amenities	• Inconsistent with tribal economic development and land use goals • There are minimal barriers to the walkshed • There are minimal amenities to support complete neighborhoods
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Highest levels of bus service with options for service modifications	• High potential for improved bicycle access although there are limited crossings of I-5 • Less bus service compared to other alternatives with options for service modifications	• Residential neighborhood allows for comfortable cycling without designated facilities • Many potential opportunities for improved nonmotorized access • Lowest levels of bus service with significant diversions from major roadways to provide service
PRESERVE THE ENVIRONMENT				
Effects on the Natural Environment	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and some minor stream crossings. Few impacts to floodplains/floodways (2 acres). No steep slope impacts.	• No impacts to wetlands. Puyallup River crossing and few minor stream crossings. Few impacts to floodplains/floodways (4 acres). No steep slope impacts.	• Minimal impacts to wetlands (0.1 acres). Puyallup River crossing, few major and minor stream crossings. Several impacts to floodplains/floodways (7 acres). Few steep slope impacts.
Effects on the Built Environment	• More acreage of impacted parcels; some tribal parcels impacted • Minimal impacts to historic properties • Minimal impacts to viewsheds/view-dependent businesses and minimal impacts to sensitive noise receptors • Some impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• More acreage of impacted parcels; a few tribal parcels impacted • Minimal impacts to historic properties • No impacts to viewsheds/view-dependent businesses and minimal impacts to sensitive noise receptors • Some impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Less acreage of impacted parcels; numerous tribal parcels impacted; many residential parcels • Impacts to regional employer • Some impacts to historic properties; potential impacts to cemetery and archaeological sites • Some impacts to viewsheds/view-dependent businesses and moderate impacts to sensitive noise receptors • Some impacts to areas with existing congestion and high potential for hide/ride impacts to parking	• Most acreage of impacted parcels; some tribal parcels impacted; many impacts to residential parcels • Moderate impacts to historic properties; potential impacts to cemetery and archaeological sites • Some impacts to viewsheds/view-dependent businesses and many impacts to sensitive noise receptors • Minimal impacts to areas with existing congestion and high potential for hide/ride impacts to parking

EXHIBIT 4-4: EAST TACOMA STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 West to 27th	I-5 West to 26th	I-5 South	
	ET 5 27th St South	ET 6 26th St West	ET 7 29th St	ET 8 34th St
EVALUATION CRITERIA				
SUPPORT EQUITABLE MOBILITY				
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT				
Financial Considerations (compared to Representative Project)	• Less potential full property acquisitions (commercial property) • No additional alignment length • No additional crossings of I-5	• Less potential full property acquisitions (commercial property) • No additional alignment length • No additional crossings of I-5	• Less potential full property acquisitions (commercial property) • Potential impacts to new development • No additional alignment length • 1 additional crossing of I-5	• Less potential full property acquisitions (commercial property) • Additional costs for acquiring residential parcels • Additional alignment length (0.6 miles) • 1 additional crossing of I-5
Constructability and Engineering Considerations	• No crossings of I-5 mainline • Limited potential to use public ROW	• No crossings of I-5 mainline • Limited potential to use public ROW	• Crosses I-5 mainline • Minimal potential to use public ROW for short portion across Puyallup River	• Crosses I-5 mainline • No potential to use public ROW
Operational Considerations	• All curves at least 55 MPH	• All curves at least 55 MPH	• Curves (3) before and after station and at I-5 reduce speeds to 45 MPH	• Curve after station reduces speeds to 35 MPH and to 40 MPH at I-5
Schedule Considerations	• No impacts to major parcels • Impacts to some tribal parcels • No coordination needed with other transportation infrastructure or planned projects	• No impacts to major parcels • Impacts to a few tribal parcels • No coordination needed with other transportation infrastructure or planned projects	• No impacts to major parcels • Impacts to numerous tribal parcels • Coordination for crossing of I-5	• No impacts to major parcels • Impacts to some tribal parcels • Coordination for crossing of I-5

4.4 Tacoma Dome

The Tacoma Dome Segment extends from East L Street to the terminus near East D Street. Exhibit 4-5 summarizes the performance by criteria of each of the Tacoma Dome alternatives.

4.4.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

4.4.1.1 Ridership Potential

All Tacoma Dome alternatives performed the same for Ridership Potential, with a moderate performance.

4.4.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

4.4.2.1 Supports Future Transit Oriented Development Opportunities

TD 1 performed the highest for support of future TOD opportunities because it is in a zone that is compatible with TOD and would have fewer barriers and more amenities located nearby compared to other Tacoma Dome alternatives. TD 2 was the second-highest performing alternative because it is located on the edge of a zone that is compatible with TOD and had moderate barriers that limit the walkshed. All other alternatives in the Tacoma Dome area performed similarly for this criterion.

4.4.2.2 Promotes Multimodal Access and Integration

TD 1, TD 2, and TD 3 performed the highest because of having more nonmotorized access because of being on the north side of the Sounder tracks. These alternatives also performed higher for transit integration because of being closer to the existing transit hub and requiring fewer deviations to provide service to the stations. All other Tacoma Dome alternatives performed the same.

4.4.3 Preserve the Environment

4.4.3.1 Effects on the Natural Environment

All the Tacoma Dome alternatives had no impacts on the natural environment and performed the same.

4.4.3.2 Effects on the Built Environment

TD 2, TD 3, and TD 4B performed the highest for effects on the built environment. These alternatives performed higher because of having fewer property impacts, no impacts to Tribal parcels, and few to no impacts to sensitive noise receptors. All other Tacoma Dome alternatives performed the same.

4.4.4 Support Equitable Mobility

4.4.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Most Tacoma Dome alternatives performed similarly for this criterion. TD 1, TD 2, TD 3, and TD 4A-B performed higher because of serving more low-income and minority populations when compared to Tacoma citywide, and would have less acquisitions and displacements that could impact EJ populations. TD 5A and TD 5B performed slightly lower because of having more acquisitions and displacements that could impact EJ populations.

4.4.5 Provide a Financially Sustainable and Constructible Project

4.4.5.1 Financial Considerations

Most Tacoma Dome alternatives had a moderate performance for Financial Considerations. TD 1, TD 3, TD 4A-B, TD 5, and TD 6 have no additional cost elements beyond the representative project. TD 2 performed slightly lower because it includes additional potential impacts on higher complexity property.

4.4.5.2 Constructibility and Engineering Considerations

TD 4A-C and TD 5 performed higher for this criterion because of having no potential risks. Furthermore, the location of the stations for these alternatives would provide the greatest potential for extending light rail under I-705. TD 1 and TD 5 performed the lowest. TD 1 performed lower primarily because the location of the station would have the lowest potential to extend the light rail line under I-705. TD 5 performed lower because it would include an additional crossing of I-5.

4.4.5.3 Operational Considerations

TD 2, TD 3, and TD 4A-B performed the highest because of having no curves that reduced operating speeds below 55 mph. All other Tacoma Dome alternatives performed moderately for this criterion because of having curves that reduce operating speeds.

4.4.5.4 Schedule Considerations

TD 1, TD 2, and TD 3 performed the highest for Schedule Considerations. These alternatives have no major considerations that could result in schedule risks. TD 4A-B were lower performing primarily because the station for these alternatives is located on Tribal land.

EXHIBIT 4-5: TACOMA DOME STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	Puyallup Ave	I-5 West to E 25th		I-5 West to 26th North	Representative
	TD 1 Puyallup Ave	TD 2 25th St West	TD 3 25th St East	TD 4 26th St a	TD 4 26th St b (Representative Project)
EVALUATION CRITERIA					
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS					
Ridership Potential	• Slower travel time • Population and employment are highest • Station is near major employers and destinations	• Travel time is in the middle compared to other alternatives • Population and employment are lower • Station is near major employers and destinations	• Travel time is in the middle compared to other alternatives • Population and employment are lowest • Station is near major employers and destinations	• Travel time is in the middle compared to other alternatives • Population and employment are towards middle • Station is near major employers and destinations	• Travel time is in the middle compared to other alternatives • Population and employment are towards middle • Station is near major employers and destinations
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT					
Supports Future Transit-Oriented Development (TOD) Opportunities	• Supportive of housing and business development; surrounded by other zones that limit development potential • Railway, SR 509, and I-705 limit walkshed • Access under I-705 is best at this station • Some amenities to support complete neighborhoods but some categories are still missing	• Supportive of housing and business development • Railway, SR 509, and I-705 limit walkshed • Access under I-705 is best at this station • Some amenities to support complete neighborhoods but some categories are still missing • Station would likely impact nearby businesses	• Manufacturing zones; least residential development potential • Railway, SR 509, and I-705 limit walkshed • Some amenities to support complete neighborhoods but some categories are still missing	• Supportive of housing and business development; adjacent to industrial zones; • Inconsistent with tribal land use and economic goals • Railway, topography, SR 509, and I-705 limit walkshed • Some amenities to support complete neighborhoods but some categories are still missing	• Supportive of housing and business development; adjacent to industrial zones; • Inconsistent with tribal land use and economic goals • Railway, topography, SR 509, and I-705 limit walkshed • Some amenities to support complete neighborhoods but some categories are still missing
Promotes Multimodal Access and Integration	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Station in close proximity to other transit facilities and services	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Station in close proximity to other transit facilities and services	• Some potential for improved nonmotorized access although there are limited crossings of I-5 • Station in close proximity to other transit facilities and services	• Topography and Sounder tracks make nonmotorized connections less convenient • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Station in close proximity to other transit facilities and services	• Topography and Sounder tracks make nonmotorized connections less convenient • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Station in close proximity to other transit facilities and services
PRESERVE THE ENVIRONMENT					
Effects on the Natural Environment	• No impacts	• No impacts	• No impacts	• No impacts	• No impacts
Effects on the Built Environment	• Some acreage of impacted parcels; no tribal parcels impacted • Some impacts to historic properties • Moderate impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Least acreage of impacted parcels; no tribal parcels impacted • Minimal impacts to historic properties • Moderate impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Least acreage of impacted parcels; no tribal parcels impacted • Minimal impacts to historic properties • Moderate impacts to areas with existing congestion and medium potential for hide/ride impacts to parking	• Some acreage of impacted parcels; several tribal parcels impacted • Easement for station location; title ownership of land not possible • Some impacts to historic properties • Few impacts to sensitive noise receptors • Higher impacts to areas with existing congestion and high potential for hide/ride impacts to parking	• Least acreage of impacted parcels; several tribal parcels impacted • Easement for station location; title ownership of land not possible • Minimal impacts to historic properties • Few impacts to sensitive noise receptors • Higher impacts to areas with existing congestion and high potential for hide/ride impacts to parking

EXHIBIT 4-5: TACOMA DOME STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	Puyallup Ave	I-5 West to E 25th		I-5 West to 26th North	Representative
	TD 1 Puyallup Ave	TD 2 25th St West	TD 3 25th St East	TD 4 26th St a	TD 4 26th St b (Representative Project)

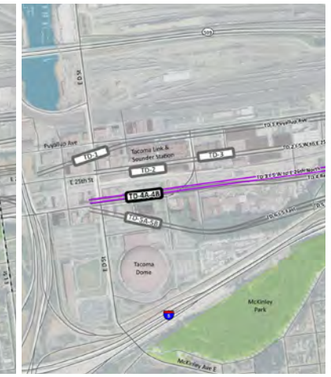

EVALUATION CRITERIA	Puyallup Ave	I-5 West to E 25th		I-5 West to 26th North	Representative
SUPPORT EQUITABLE MOBILITY					
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Lower amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Lower amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Moderate amounts of acquisition/displacement would result in moderate potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT					
Financial Considerations (compared to Representative Project)	• No additional potential property acquisitions • No additional alignment length • No additional crossings of I-5	• Additional potential full property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential property acquisitions • No additional alignment length • No additional crossings of I-5
Constructability and Engineering Considerations	• No crossings of I-5 mainline • No public ROW available • Lowest potential to extend the light rail line under I-705 and requires crossing over Sounder/heavy rail	• No crossings of I-5 mainline • No public ROW available • Lower potential to extend the light rail line under I-705 and requires crossing over Sounder/heavy rail; • An extension at this location would need to avoid Tacoma Link	• No crossings of I-5 mainline • No public ROW available • Lower potential to extend the light rail line under I-705 and requires crossing over Sounder/heavy rail; • An extension at this location would need to avoid Tacoma Link	• No crossings of I-5 mainline • No public ROW available • Greatest potential to extend the light rail line under I-705 and creates no conflicts with Sounder/heavy rail	• No crossings of I-5 mainline • No public ROW available • Greatest potential to extend the light rail line under I-705 and creates no conflicts with Sounder/heavy rail
Operational Considerations	• Curves at D St and I-705 reduce operating speed to 40 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH	• All curves at least 55 MPH
Schedule Considerations	• No impacts to major parcels • No impacts to tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • No impacts to tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • No impacts to tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to several tribal parcels • Coordination for impacts to tribal property • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to several tribal parcels • Coordination for impacts to tribal property • No anticipated interaction with other planned transportation projects or infrastructure

EXHIBIT 4-5: TACOMA DOME STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

	I-5 W to 27th	I-5 East
	TD 5 27th St a	TD 5 27th St b
EVALUATION CRITERIA		
PROVIDE EFFECTIVE TRANSPORTATION SOLUTIONS TO MEET MOBILITY, ACCESS, AND CAPACITY NEEDS		
Ridership Potential	• Slower travel time • Population and employment are towards middle compared to other alternatives • Station is near major employers and destinations	• Slower travel time • Population and employment are towards middle compared to other alternatives • Station is near major employers and destinations
SUPPORT SUSTAINABLE LAND USE PLANS, EQUITABLE ACCESS, AND TRANSIT ORIENTED DEVELOPMENT		
Supports Future Transit-Oriented Development (TOD) Opportunities	• Supportive of housing and business development; adjacent Warehouse/Retail zone also compatible • Railway, topography, SR 509, and I-705 limit walkshed • Some amenities to support complete neighborhoods but some categories are still missing and potential for new amenities is limited due to development	• Supportive of housing and business development; adjacent Warehouse/Retail zone also compatible • Railway, topography, SR 509, and I-705 limit walkshed • Some amenities to support complete neighborhoods but some categories are still missing and potential for new amenities is limited due to development
Promotes Multimodal Access and Integration	• Topography and Sounder tracks make nonmotorized connections less convenient • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Farthest from other transit facilities and services	• Topography and Sounder tracks make nonmotorized connections less convenient • Some potential for improved nonmotorized access although there are limited crossings of I-5 • Farthest from other transit facilities and services
PRESERVE THE ENVIRONMENT		
Effects on the Natural Environment	• No impacts	• No impacts
Effects on the Built Environment	• Some acreage of impacted parcels; a few tribal parcels impacted • Easement for station location; title ownership of land not possible • Some impacts to historic properties • Minimal impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Moderate impacts to areas with existing congestion and high potential for hide/ride impacts to parking	• Some acreage of impacted parcels; a few tribal parcels impacted • Easement for station location; title ownership of land not possible • Some impacts to historic properties • Minimal impacts to viewsheds/view-dependent businesses and few impacts to sensitive noise receptors • Moderate impacts to areas with existing congestion and high potential for hide/ride impacts to parking

EXHIBIT 4-5: TACOMA DOME STATION AREA

Level 1 Detailed Results

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

The ratings are a comparison of each alternative against all other alternatives in the station area.

EVALUATION CRITERIA	I-5 W to 27th TD 5 27th St a	I-5 East TD 5 27th St b
SUPPORT EQUITABLE MOBILITY		
Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations	• Station area serves more low-income/minority populations compared to Tacoma's average • Higher amounts of acquisition/displacement would result in substantial potential impacts to Environmental Justice populations
PROVIDE A FINANCIALLY SUSTAINABLE AND CONSTRUCTIBLE PROJECT		
Financial Considerations (compared to Representative Project)	• No additional potential property acquisitions • No additional alignment length • No additional crossings of I-5	• No additional potential property acquisitions • No additional alignment length • No additional crossings of I-5
Constructability and Engineering Considerations	• No crossings of I-5 mainline • No public ROW available • Greatest potential to extend the light rail line under I-705 and creates no conflicts with Sounder/heavy rail	• Crosses I-5 mainline • No public ROW available • Greatest potential to extend the light rail line under I-705 and creates no conflicts with Sounder/heavy rail
Operational Considerations	• Curves at I-5 and after station reduces speed to 45 MPH and 40 MPH	• Curves at I-5 and after station reduces speed to 45 MPH and 40 MPH
Schedule Considerations	• No impacts to major parcels • Impacts to a few tribal parcels • No anticipated interaction with other planned transportation projects or infrastructure	• No impacts to major parcels • Impacts to a few tribal parcels • Coordination for crossing of I-5

5 Findings and Conclusions

The Level 1 evaluation results reflect the potential of each alternative to meet the Purpose and Need of the project and related goals. In September 2018, the results of the Level 1 evaluation were reviewed by the ELG, Interagency Group (IAG), the Stakeholder Group, and the public. These groups provided input on the Level 1 evaluation and findings, and the ELG made a recommendation on which alternatives should continue into Level 2. Exhibit 5-1 and Exhibit 5-2 summarize the full range of alternatives reviewed in Level 1 and indicate which ones were advanced by the ELG to Level 2 for further development and evaluation. Exhibit 5-2 also displays the alternatives that are being advanced to Level 2. Alternatives advancing into Level 2 are in color, and alternatives not advancing into Level 2 are shown in grey.

EXHIBIT 5-1
Summary of Level 1 Findings and Results

Alternative	Results	
SOUTH FEDERAL WAY		
Enchanted Parkway		
SF 1 Enchanted/348th	✗	SF 1 is being removed due to higher property impacts of alignment and station compared to SF 2 and SF 3, which serve the same station area and have similar alignment types along Enchanted Parkway South. The alignment is slightly longer and includes an additional major arterial street crossing. Not preferred by the local jurisdiction.
SF 2 Enchanted/352nd	✓	Advance for further study in Level 2.
SF 3 Enchanted/356th	✓	Advance for further study in Level 2.
SR 99		
SF 4a 99 North (SR 99 to I-5) SF 4b 99 North (SR 99) SF 4c 99 North (I-5 to SR 99) SF 4d 99 North (I-5 to SR 99 to I-5)	✓	Advance for further study in Level 2.
SF 5a 99 South (SR 99) SF 5b 99 South (I-5 to SR 99)	✗	SF 5A and B are being removed due to lower performing stations (multimodal access and TOD potential) compared to SF 4 alternatives that have a nearby station and offer the same SR 99 alignment choices. Not preferred by the local jurisdiction.
I-5 West		
SF 6 I-5/344th	✗	Removed due to lower performing station (multimodal access, stream/wetlands, and TOD) along an alignment that is already being considered in alternatives SF 8 and SF 9.
SF 7 I-5/352nd (Representative)	✗	Removed for same reasons as SF 6 and impacts to major retail business loading area.
SF 8 I-5/356th	✓	Advance for further study in Level 2.
SF 9 I-5/Jet	✓	Advance for further study in Level 2.
SF 10 I-5/359th	✗	Removed for same reasons as SF 6.

EXHIBIT 5-1
Summary of Level 1 Findings and Results

Alternative	Results	
I-5 Median		
SF 11 I-5 Median	✗	Removed due to lack of effective multimodal access to station location, lower TOD potential, higher potential environmental impacts due to the need to widen I-5, higher construction impacts, and higher engineering risks and challenges due to additional structures and bridges to cross I-5 and reconfigure existing ramps. Not supported by the Federal Highway Administration (FHWA) or WSDOT.
I-5 East		
SF 12 I-5 East/Enchanted	✗	Removed due to lower performing station on multimodal access, ridership, and TOD potential, as well as higher engineering risks and challenges of additional structures to cross I-5.
SF 13 I-5 East/Wild Waves	✗	Removed for same reasons as SF 12.
FIFE		
Alternative	**Results**	
12th Street		
Fife 1 12th Street	✓	Advance for further study in Level 2, with alignment modifications to avoid an area of Tribal ownership.
Pacific Highway West		
Fife 2a Pacific Highway West	✗	Removed due to higher impacts of the alignment to multiple properties under Tribal ownership. Also, removed based on a lower performing station site that was outside the Fife planned city center area, and for lower multimodal access and TOD potential. In addition, the alignment featured higher property and potential transportation impacts from being along SR 99. Not preferred by the local jurisdiction.
Fife 2b Pacific Highway West	✗	Removed for same reasons as Fife 2A, but also due to the SR 99 alignment approaching Tacoma that would have required a Puyallup River crossing on property of cultural importance to the Puyallup Tribe.
Fife 3a 15th Street Fife 3b 15th Street	✓	Advance for further study in Level 2.
Pacific Highway to I-5		
Fife 4a Pacific Highway East Fife 4b Pacific Highway East Fife 4c Pacific Highway East	✓	Advance for further study in Level 2.
Fife 5a Pacific Highway South Fife 5b Pacific Highway South Fife 5c Pacific Highway South	✗	Removed due to lower performing stations based on congestion, multimodal access, and TOD measures. Aside from the station area, the alignments are being considered in other alternatives. Not preferred by the local jurisdiction.
I-5 West		
Fife 6 I-5 West	✗	Removed due to an alignment that conflicts with the planned SR 167 interchange and that would impact a major Tribal property. Also, removed due to lower performance for multimodal access, congestion, and TOD measures, largely as a result of the constraints to access and development posed by I-5 and the 54th Avenue East Interchange directly adjacent. Not preferred by the local jurisdiction.
Fife 7 I-5 West (Representative)	✗	Removed based on same alignment concerns as Fife 6, and due to a station that is more removed from the planned city center area than other alternatives, with lower performance for multimodal access and TOD potential.

EXHIBIT 5-1
Summary of Level 1 Findings and Results

Alternative	Results	
I-5 Median		
Fife 8 I-5 Median	✗	Removed due to longer travel times, lack of effective multimodal access to the median station location, lower TOD potential, higher potential environmental impacts due to the need for major I-5 widening/modifications, higher construction impacts, and higher engineering risks and challenges. Not supported by FHWA or WSDOT.
I-5 South		
Fife 9a 20th Street	✗	Removed due to longer travel times; higher property impacts; higher impacts to farmlands, wetlands, and floodplains; and the need for an additional crossing of I-5 to the north or south. The station served by this alignment was lower performing on multimodal access and TOD measures, and is well outside the Fife city center area.
Fife 9b 20th Street	✗	Removed for similar reasons as Fife 9A, with a station that is even more distant from Fife's city center area. Their associated alignments also cross into areas that are farmlands and floodplains, with a higher potential for archaeological and cultural impacts.
EAST TACOMA		
Puyallup Avenue		
ET 1a Puyallup Avenue (I-5 West to Puyallup)	✓	Advance for further study in Level 2.
ET 1b Puyallup Avenue (SR 99 to Puyallup)	✗	Removed due to a sub-alignment that impacts an area of cultural significance to the Puyallup Tribe adjacent to the Puyallup River. The same station and the rest of the alignment advanced with ET 1A.
25th Street		
ET 2 25th Street	✓	Advance for further study in Level 2.
26th Street		
ET 3 26th Street - East	✓	Advance for further study in Level 2.
ET 6 26th Street - West	✓	Advance for further study in Level 2.
27th to 26th Street		
ET 4a 27th Street - North ET 4b 27th Street - North (Representative) ET 4c 27th Street - North	✓	Advance for further study in Level 2.
27th Street		
ET 5 27th Street - South	✓	Advance for further study in Level 2.
South of I-5		
ET 7 29th Street	✗	Removed due to impacts to major Tribal properties, including Tribal economic development plans, and carrying more residential displacements. Also, removed due to the engineering, construction, and operational challenges of a sloped and curving crossing above one of the wider sections of I-5 where there is an overpass and auxiliary ramps on both sides of the freeway.
ET 8 34th Street	✗	Removed for similar reasons as ET 7, but with higher levels of residential and neighborhood impacts, including impacts to multiple blocks under Tribal ownership. Longer, slower curving alignment negatively affects travel times and operations. Also, involved an eastern crossing of the Puyallup River with farmland and floodplain impacts and greater potential to impact areas of cultural and historic significance to the Puyallup Tribe.

EXHIBIT 5-1
Summary of Level 1 Findings and Results

Alternative	Results	
TACOMA DOME		
Puyallup Avenue		
TD 1 Puyallup Avenue	✓	Advance for further study in Level 2.
25th Street		
TD 2 25th Street - West	✓	Advance for further study in Level 2.
TD 3 25th Street - East	✓	Advance for further study in Level 2.
26th Street		
TD 4a 26th Street TD 4b 26th Street (Representative)	✓	Advance for further study in Level 2.
27th Street		
TD 5a 27th Street TD 5b 27th Street	✗	Removed due to a station that was lower performing for multimodal access and TOD potential, in part because the Tacoma Dome, topography and Sounder tracks limited its access potential. Other alignment alternatives include a station in the same general vicinity but with fewer impacts and better connections. Potential connecting alignments crossing I-5 from East Tacoma also were not advanced.

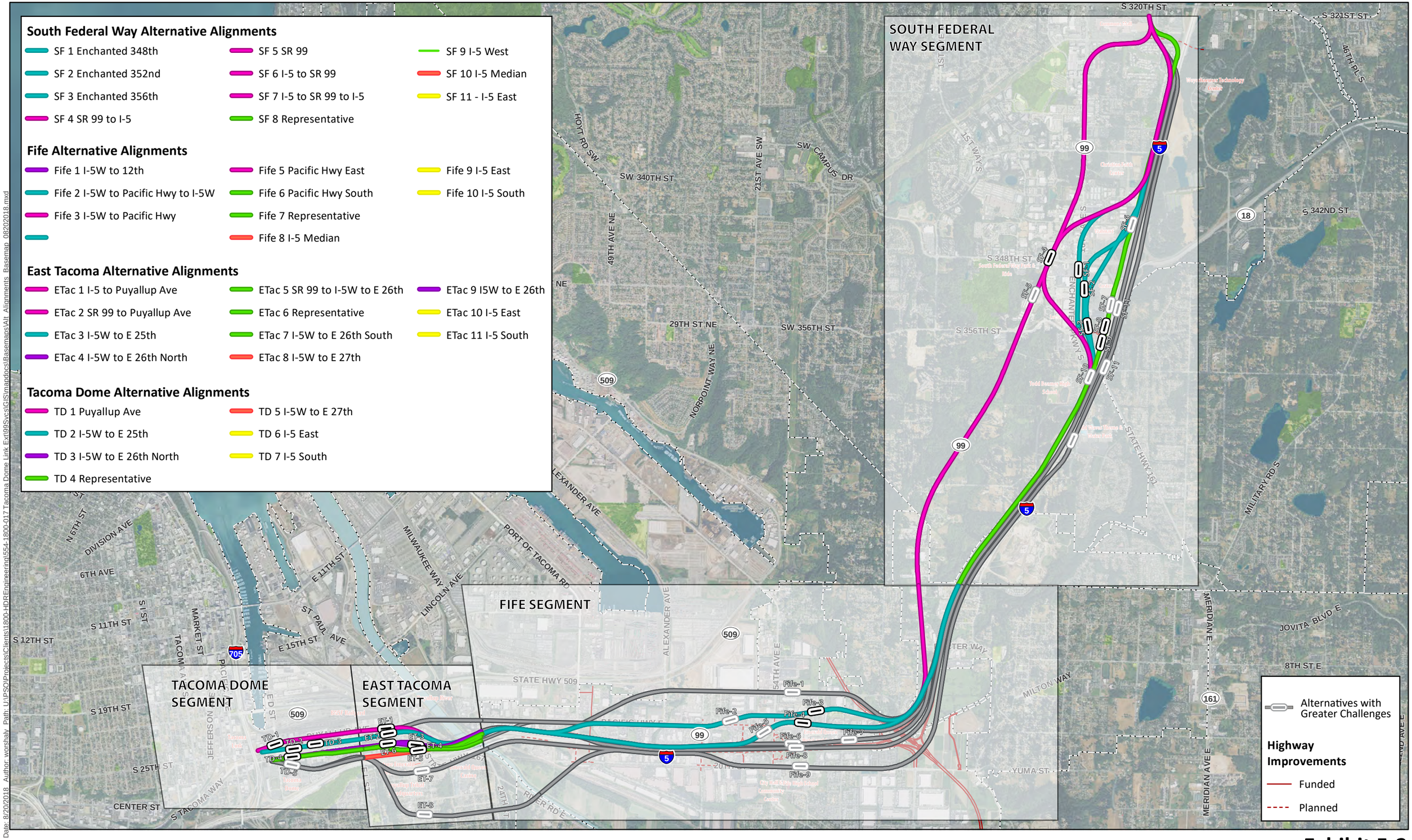

Date: 8/20/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDR Engineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\Gis\mapdocs\Basemaps\Alt Alignments Basemap 08202018.mxd

Exhibit 5-2
Level 1 Alternatives Advancing to Level 2 for Tacoma Dome Link Extension

5.1 Relative Performance of Level 1 Alternatives by Segment

The following describes the relative performance of each Level 1 alternative by segment. It focuses primarily on the highest and lowest performing alternatives by segment.

5.1.1 South Federal Way

All of the South Federal Way alternatives feature one station with a parking garage and are 4.3 to 4.6 miles in length from the terminus of the Federal Way Link Extension and the end of this segment at the King County/Pierce County line.

5.1.1.1 Enchanted Parkway

SF 1 Enchanted/348th, SF 2 Enchanted/352nd, SF 3 Enchanted/356th

This family of three alternatives is mostly I-5-based. These alternatives leave the Federal Way Link Extension terminus and turn southwest to align along the west side of I-5, then curve toward Enchanted Parkway for a station between South 348th Street to South 356th Street before returning to the west side of I-5 to continue south to the King County/Pierce County line. The alternatives vary primarily on the station site on Enchanted Parkway and how the alignment curves to the station and then back to I-5. A summary of these alternatives includes:

- Higher performance in ridership measures, and moderate performance in TOD measures due to the station location on Enchanted Parkway, in a larger commercial area with residential uses to the south. The station for SF 3 is farthest south, away from more of the amenities in the area.
- Good vehicular connections to the stations, but large block sizes, topography, and busy arterials create a moderate rating for overall multimodal access.
- Moderate level of property-related impacts, with more related to the station location and nearby alignment.
- Having most of the remaining alignment along I-5 helps reduce both built and natural environmental impacts.
- Potential historic and archaeological impacts, including to cemeteries in the southern part of the alignment, but more of the area along I-5 and the Enchanted Parkway has been previously disturbed.
- These three alternatives are the same for most of the length except for the specific station site on Enchanted Parkway and nearby alignment sections. Station-centric measures such as TOD potential and multimodal access, and localized property impacts, were the primary differentiators among the alternatives.

5.1.1.2 SR 99

SF 4A SR 99 North (SR 99 to I-5), SF 4B SR 99 North (SR 99), SF 4C SR 99 North (I-5 to SR 99), SF 4D SR 99 North (I-5 to SR 99 to I-5)

This family of alternatives is focused around a station on SR 99 at South 348th Street. There are different sub-alignment choices to the station from the north and to the south, which affects the level of impacts, travel times, constructibility, and financial performance. From the terminus of the Federal Way Link Extension, the alternatives turn west to SR 99 or curve in from I-5. To the south, the alternatives either continue south along SR 99 or turn back toward I-5 to continue south to the King County/Pierce County line. A summary of these alternatives includes:

- Higher performance for ridership potential and multimodal access to the station at South 348th Street, but slower travel times due to a longer alignment and more curves getting to SR 99.
- Higher performance for TOD potential with the station location on SR 99 in the center of a larger area with a good mix of land uses and amenities nearby.
- Moderate to high level of property-related impacts, partly due to a longer alignment compared to others, particularly for SR 99 back to I-5 alignment (SF 4C and SF 4D).
- Station area and street network connecting to the station are congested.
- Potential for higher natural resource and archaeological impacts in the southern parts of either the I-5 or SR 99 portions of the alignments, but with a larger wetland complex potentially impacted along SR 99.
- The I-5 to SR 99 alignments (SF 4C and SF 4D) and the SR 99 alignments (SF 4A and SF 4B) both have potential Tribal property and archaeological impacts, although the full-length SR 99 alignment (SF 4B) crosses through more areas with a higher probability of containing archaeological resources.
- All four alternatives serve the same “promising” station, but feature an array of sub-alignments connecting to the station to and from I-5 or SR 99.

SF 5A SR 99 South (SR 99), SF 5B SR 99 South (I-5 to SR 99)

These alternatives are similar to SF 4B and SF 4C but feature a station farther south on SR 99 at South 352nd Street, which is essentially a station siting/design option for the other SR 99

alternatives. The SF 5 alternatives differ primarily in terms of the route taken to reach SR 99. A summary of these alternatives includes:

- The performance for the SF 5 alternatives is similar to the SF 4 alternatives because the alignments are the same; the primary difference between SF 5 and SF 4 alternatives is the station site.
- The station location for SF 5 alternatives is lower performing for multimodal access and congestion, and it has a lower potential for TOD, including for multi-family development.

5.1.1.3 I-5 West/Representative Alignment

SF 6 I-5/344th, SF 7 I-5/352nd, SF 8 I-5/356th, SF 9 I-5/Jet, SF 10 I-5/359th

These I-5 alternatives are based on the representative alternative (SF 7) from ST3, which stayed adjacent to the west side of I-5 after leaving the terminus of the Federal Way Link Extension. These alternatives feature different station siting options adjacent to the freeway, with some alignments farther north or south of the station locations featured in the Enchanted Parkway alignment family. The station siting is the primary driver for the differences in performance among these alternatives. A summary of these alternatives includes:

- Faster travel times due to shorter overall alignment and fewer curves compared to other South Federal Way alternatives.
- All I-5 West alternatives have potential conflicts with a planned SR 18 ramp.
- The stations included in the I-5 West alternatives have a lower to moderate performance for ridership, multimodal access, and TOD potential due to access and development barriers presented by I-5 and larger commercial parcels nearby the stations.
- The lower performing I-5 West stations for multimodal access and TOD were SF 6, SF 7, and SF 10, which were more remote.
- The higher performing stations for multimodal access and TOD in this alignment family were the SF 8 and SF 9 stations, which had good access from Enchanted Parkway.
- Property acquisition impacts performed moderately; however, the SF 7 station and alignment were the most constrained due to the lack of space between larger commercial properties and I-5.
- Having the alignment along I-5 helps reduce both built and natural environmental impacts.

5.1.1.4 I-5 Median / I-5 East

SF 11 I-5 Median, SF 12 I-5 East/Enchanted, SF 13 I-5 East/Wild Waves

The I-5 Median/I-5 East alternatives would all rely on more I-5 ROW, placing the alignment and stations either within the median (SF 11 where there are currently no cross streets/overpasses) or to the east of I-5 (at Enchanted Parkway or at Wild Waves). A summary of these alternatives includes:

- All I-5 Median/I-5 East alternatives performed lower on multimodal access and TOD potential for the stations.
- All would require additional structures and bridges across I-5 to reach these lower scoring stations.
- All reported similar to slightly lower environmental and property impacts compared to other Federal Way alternatives, but the level of additional widening or other requirements to use I-5 ROW was not included in the evaluation.
- Moving to the median or staying on the east side of I-5 also does not present advantages for the better performing alternatives in the Fife or Tacoma segments, and these alternatives would require two crossings of I-5 to reach its terminus at the Tacoma Dome and meet the requirements of the Purpose and Need.

5.1.2 Fife

The Fife alternatives begin at the King County/Pierce County line, are 3.9 to 4.3 miles long, and have one station with a parking garage located in Fife near 54th Avenue East.

5.1.2.1 I-5 West to 12th Street

Fife 1 12th Street

For analysis, this alternative assumes a pairing with alternatives on the west side of I-5 from Federal Way but could be matched with SR 99 alternatives. After leaving I-5 near the Fife curve, the alternative crosses southwest to align with 12th Street East to reach a station east of 54th Avenue East. The alternative then continues westbound on 12th Street East to East Alexander Avenue, then curves south toward I-5, crossing over near the East 34th Avenue and Port of Tacoma Road interchange. A summary of these alternatives includes:

- Station was lower performing for multimodal access and TOD measures due to more limited multimodal access and mostly industrial zoning, and longer travel times due to length and curves.
- Station is located outside of the City of Fife's planned city center area, where Fife's future growth is planned.

- Higher environmental impacts in the north portion of the alignment but also for the alignment transition to 12th Street East, with crossings of acres of lands with critical areas, including floodways and floodplains, steep slopes, and some wetlands.
- Property impacts are in the higher mid-range of alternatives and includes some impacts to Tribal parcels.
- Higher end of alternatives for potential historic and archaeological property impacts, but this is partly due to the north alignment portions along SR 99 that are not unique to this alternative.

5.1.2.2 Pacific Highway West / 15th Street

Fife 2A Pacific Highway West, Fife 2B Pacific Highway West

The performance of Fife 2A and Fife 2B assumes a pairing with alternatives on the west side of I-5 from Federal Way but could be matched with SR 99 alternatives. After leaving I-5 near the Fife curve, these alternatives curve to the west of SR 99, run between 12th Street East and 15th Street East, and curve back toward SR 99/Pacific Highway for a station west of 52nd Avenue East. The alternatives then continue west along SR 99 to East Alexander Avenue, with Fife 2A curving back toward I-5, crossing near the East 34th Avenue and Port of Tacoma Road interchange, and Fife 2B following SR 99/Pacific Highway. A summary of these alternatives includes:

- Station location performed moderately for multimodal access and TOD measures and is located near some of the area attractions but is outside of the City of Fife's planned city center area, where growth is planned.
- Mid-level environmental impacts in most areas but higher impacts from crossings of acres of lands with critical areas, including floodways and floodplains, steep slopes, and wetlands.
- Higher potential historic and archaeological property impacts, but this is partly due to north alignment portions that are not unique to this alternative.
- Impacts to five Tribal parcels, which could be avoided with alignment modifications but likely would require lower speeds and operating tradeoffs.
- Most challenging would be the alignment of Fife 2B on Pacific Highway to Tacoma, which leads to a river crossing in an area of cultural significance to the Puyallup Tribe.

5.1.2.3 15th Street

Fife 3A 15th Street, Fife 3B 15th Street

Fife 3A and Fife 3B assume a pairing with the alternatives on the west side of I-5 from Federal Way, but other combinations could be used. After leaving I-5 near the Fife curve, the alternatives curve to the west of SR 99 and run between 12th Street East and 15th Street East, before curving back toward SR 99 for a station east of 54th Avenue East. Fife 3A and Fife 3B then follow the same alignments used by Fife 2A and Fife 2B. A summary of these alternatives includes:

- Supports the City of Fife's planned city center for a more livable, walkable, accessible, and business-friendly city center.
- Higher performance for TOD , including greater opportunities for housing and business development near the station.
- Higher performance for multimodal access with effective access for people walking, bicycling, taking transit, or driving, as well as good siting opportunities for a parking garage.
- Other performance measures are the same as Fife 2A and Fife 2B because the alignments are similar.
- Most challenging would be the alignment of Fife 3B on Pacific Highway to Tacoma, which leads to a river crossing in an area of cultural significance to the Puyallup Tribe.

5.1.2.4 Pacific Highway East / South

Fife 4A Pacific Highway East, Fife 4B Pacific Highway East, Fife 4C Pacific Highway East

The ratings for Fife 4A, Fife 4B, and Fife 4C assume a pairing of the alternatives on the west side of I-5 from Federal Way (Fife 4A and Fife 4C) or from SR 99 (Fife 4B). After leaving I-5 or SR 99 near the Fife curve, these alternatives curve to the west of SR 99 with a station between 59th Avenue East and 54th Avenue East. The alternatives then cross over SR 99 near 54th Avenue East to align along the west side of I-5. A summary of these alternatives includes:

- Supports the City of Fife's planned city center for a more livable, walkable, accessible, and business-friendly city center.
- Higher scoring for TOD, including greater opportunities for housing and business development near the station.
- Higher performance for multimodal access with effective access for people walking, bicycling, taking transit, or driving, as well as good siting opportunities for a parking garage.
- Potential parking and property impacts with the SR 99 alignment north of 54th Street East, but potential to reduce the impacts through alignment modifications.

- Some sub-segments of the alignment had somewhat lower property impacts than other alignments once they merged towards I-5, although stakeholders and the local jurisdiction stated concerns about visual and economic impacts.

Fife 5A Pacific Highway South, Fife 5B Pacific Highway South, Fife 5C Pacific Highway South

Fife 5A, Fife 5B, and Fife 5C assume a pairing of the alternatives on the west side of I-5 from Federal Way (Fife 5A and Fife 5C) or from SR 99 (Fife 5B). These alternatives continue to the west of SR 99 with a station between 59th and 54th Avenues East. The alternatives then cross over SR 99 near 54th Avenue East to align along the west side of I-5. A summary of these alternatives includes:

- The station performed lower for TOD measures. While it is located near some of the area attractions, it is outside of the City of Fife's planned city center area, where growth is planned.
- Outside of the station area, the north and south sub-segments of Fife 5A-C are already featured in other alternatives (Fife 4A-C).

5.1.2.5 I-5 West/Representative

Fife 6 I-5 West (Representative), Fife 7 I-5 East

Fife 6 is based on the ST3 representative project and assumes pairing with the alternatives on the west side of I-5 from Federal Way. This alternative follows the west side of I-5 to reach a station east of 54th Avenue East, near the interchange, and then continues south along the west side of I-5. Fife 7 is identical to Fife 6 but has a station located east of 62nd Avenue East. A summary of these alternatives includes:

- Both stations were rated lower for multimodal access and TOD measures, in part due to the proximity to the interchange and being adjacent to I-5, which restricts access and future development.
- Higher property and potential economic impacts of the stations and the I-5 alignment, including impacts to a major Tribal property, and because of potential visual and property impacts to major economic generating properties abutting the freeway.
- Higher engineering and constructibility concerns due to conflicts with the planned SR 167 interchange.
- North of the Fife curve, less impacting sub-segments of an I-5 alignment are still featured in other alternatives and would remain in consideration.

5.1.2.6 I-5 Median/I-5 South

Fife 8 I-5 Median

This alternative assumes a pairing with the South Federal Way alternative SF 11. The alternative continues along the median to reach a station east of 54th Avenue East, near the interchange,

and then continues westbound in the median of I-5 before crossing over to the north side of I-5 near the Port of Tacoma Road interchange. A summary of this alternative includes:

- The station was lower rated for multimodal access and for lower TOD potential due to the isolated nature of a median station near a congested interchange area.
- Higher engineering risks and challenges due to the need for major I-5 widening and modifications in an area with multiple existing and planned interchanges.
- Higher potential for major construction impacts from the combination of light rail construction and modifications to I-5.
- Approaching Tacoma, the alignment crosses back to be adjacent to the north side of I-5, which is already featured in other available alternatives.
- Slightly longer alignment increases travel times and scope compared to alternatives to the west.
- Because of the slopes, curves, interchanges, ramps, and other constraints for I-5 in East Tacoma, and due to the need to reach the Tacoma Dome to make the connections called for in the Purpose and Need, there is no need for a median alignment beyond Fife.

Fife 9A 20th Street, Fife 9B 20th Street

These two “east of I-5 alternatives” assume pairings with South Federal Way SF 12 and SF 13 east of I-5. These alternatives swing from the east side of I-5 to align with 20th Street East, with a station west of 58th Street East. After crossing 54th Avenue East, the alternatives align with the south side of I-5. Approaching Puyallup River, Fife 9B turns farther south, away from I-5. A summary of these alternatives includes:

- The station was lower rated for multimodal access and for TOD because the station is across the freeway from Fife’s planned city center area; there is a high school and municipal buildings or parks nearby; and the block sizes are large.
- Higher potential for residential impacts, including impacts to several multi-family complexes.
- Higher potential for wetland and floodplain impacts.
- Impacts to several Tribal parcels, as well as impacts to potential archaeological sites and sites of cultural significance.
- Potential conflicts with planned improvements for the SR 167 project, as well as the 54th Street interchange project.

5.1.3 East Tacoma

The East Tacoma alternatives include the bridge crossing of the Puyallup River, along with a station near Portland Avenue. Based on preliminary information from the U.S. Coast Guard, vertical navigational requirements are minimal and set by existing bridges over the river. All

alternatives assume a similar bridge height, and do not preclude a given bridge type or the potential for a multimodal bridge.

5.1.3.1 Puyallup Avenue

ET 1A Puyallup Avenue (I-5 West to Puyallup), ET 1B Puyallup Avenue (SR 99 to Puyallup)

The Puyallup Avenue alternatives include ET 1A-B, which involve the same station and alignment along Puyallup Avenue but a different crossing location of the Puyallup River. ET 1A crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 1A travels northwest to the south side of Puyallup Avenue where it continues through East Tacoma to the station at East M Street and Puyallup Avenue. ET 1B crosses the Puyallup River along the south side of the Pacific Highway bridge but is otherwise the same as ET 1A once it reaches Puyallup Avenue. A summary of these alternatives includes:

- Lower performance for station area TOD potential due to the location in a light industrial area on a busy street with higher levels of freight movement, and with railyards and major municipal infrastructure nearby.
- Lower to moderate performance for multimodal access, although Puyallup Avenue has additional multimodal facilities planned that would improve access.
- Station is farthest away from more populated areas and Puyallup Tribe facilities to the south of I-5.
- The Puyallup River crossing adjacent to the SR 99 bridge has impacts to a riverfront property with cultural significance to the Puyallup Tribe.
- Two to three parcels under Tribal ownership are affected.
- Other environmental or property impacts are moderate.

5.1.3.2 East 25th Street

ET 2 25th Street

The East 25th Street alternative, ET 2, crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 2 travels northwest to the north side of East 25th Street where it continues through East Tacoma. The station is located at East M Street and East 25th Street. A summary of this alternative includes:

- Lower performance for TOD due to location in light industrial area.
- Slightly better access for transit and closer connections to more areas, but area is currently not attractive for pedestrian or bicycle trips due to lack of facilities and visual/physical barriers.
- Low levels of environmental impacts.
- Station is closer to more populated areas and Puyallup Tribe facilities to the south of I-5.
- Three parcels under Tribal ownership are affected.
- Moderate property impacts due to more constrained ROW along East 25th Street.

5.1.3.3 East 26th Street/Representative

ET 3 26th Street East, ET 4A 27th Street North, ET 4B 27th Street North (Representative), ET 4C 27th Street North, ET 6 26th Street West

The East 26th Street/Representative alternatives include ET 3, ET 4A-C, and ET 6. ET 3 crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 3 travels northwest to the north side of East 26th Street through the remainder of East Tacoma. The station is located at East 26th Street and East Bay Street. The ET 4A-C alternatives cross the river in a similar location as ET 3 but follow the north side of East 27th Street, and have slightly different alignments from the river crossing to a station at East 27th Street and East Bay Street.

Alternative ET 6 crosses the Puyallup River north of I-5 and travels northwest to the north side of East 26th Street to a station at East N Street and East 26th Street. A summary of these alternatives includes:

- Overall similar performance as ET 2 in most categories, but with station locations that are closer to the more populated areas and Puyallup Tribe facilities south of I-5, and south of the commuter rail tracks.
- Pedestrian and bicycle connectivity performance remains low due to lack of multimodal facilities and visual/physical barriers to walking destinations.

5.1.3.4 East 26th/27th Street

ET 5 27th Street South

ET 5 crosses the Puyallup River along the north side of I-5 and continues along the north side of East 27th Street through the remainder of East Tacoma. The station is located at East Bay Street and East 27th Street. A summary of this alternative includes:

- Lower performance for TOD due to location in light industrial area.
- Better multimodal access due to the station being closer to the more populated areas and Puyallup Tribe facilities south of I-5, and south of the commuter rail tracks.
- More impacts to property and five parcels under Tribal ownership are affected.

ET 7 29th Street, ET 8 34th Street

Alternatives ET 7 and ET 8 feature river crossings south of I-5 and alignments that continue south of I-5 to stations east of Portland Avenue East, before traveling towards the northwest and crossing over I-5. A summary of these alternatives includes:

- The stations had lower ratings for TOD potential due to siting on the Puyallup Tribe reservation where either residential properties or major Tribal facilities are already located.

- Moderate performance for multimodal access.
- Higher levels of property impacts, including residential displacements with ET 8, which has a longer curving alignment that crosses through multiple blocks of single-family residential areas.
- Higher levels of engineering risks and construction and operational challenges due to a longer, curving alignment, topography, and an I-5 crossing. The I-5 crossing requires a sloped and curving crossing above one of the wider sections of I-5 where there is an overpass as well as auxiliary ramps on both sides of the freeway.
- Impacts to multiple parcels under Tribal ownership.
- South of the I-5 crossing of the Puyallup River, farmland and floodplain impacts are greater, with more potential to impact areas of cultural and historic significance to the Puyallup Tribe compared to other alternatives.

5.1.4 Tacoma Dome

The Tacoma Dome alternatives are located in the vicinity of the Tacoma Dome within proximity to each other, making most performances similar. Differences in performance largely relate to the trade-offs from property impacts in the different alignments, all of which are in constrained areas. Each of the Tacoma Dome alternatives is located relatively close to the multi-block intermodal transit hub (bus, Tacoma Link, Sounder commuter rail, and Amtrak), although some alternatives are closer than others.

5.1.4.1 Puyallup Avenue

TD 1 Puyallup Avenue

TD 1 travels along the south side of Puyallup Avenue until just east of I-705 with a station at Puyallup Avenue and East D Street. A summary of this alternative includes:

- Higher performance for TOD potential due to location within a TOD-compatible zoning designation and mix of several amenities nearby.
- TD 1 has potential conflicts with plans by the City of Tacoma for a more multimodal complete street approach for Puyallup Avenue.
- TD 1 presents more challenges for future extensions of light rail under I-705 because it results in the shortest distance to elevate the alignment over Pacific Avenue on the western side of I-705, would require additional property impacts, and would require the alignment to cross over the Tacoma Link and Sounder tracks.
- TD 1 would have the potential to impact historic-era properties and is near archaeological sites, but the specific impacts and the significance of most of the historic properties requires further study.

- Most other types of environmental impacts are low, although many properties have the potential for hazardous materials contamination.

5.1.4.2 East 25th Street

TD 2 25th Street West, TD 3 25th Street East

TD 2 and TD 3 travel along the center of East 25th Street until west of East D Street, with the TD 2 station east of East D Street and the TD 3 station at East G Street. A summary of these alternatives includes:

- Moderate to low performance for TOD measures because the stations are either on the edge or located immediately adjacent to a TOD-compatible zone and the mix of amenities nearby is moderate. TD 2 would likely remove Freighthouse Square, which provides several amenities.
- TD 2 and TD 3 would have the potential to impact historic-era properties and are near archaeological sites, but the specific impacts and the significance of most of the historic properties requires further study.
- Most other types of environmental impacts are low, although many properties have the potential to have hazardous materials contamination.
- These alternatives have a lower performance for extending light rail under I-705 because the location results in a shorter distance to elevate the alignment over Pacific Avenue on the western side of I-705 and would require the alignment to avoid Tacoma Link and cross the Sounder tracks.
- These alternatives would have the potential to impact historic-era properties and is near archaeological sites, but the specific impacts and the significance of most of the historic properties requires further study.

5.1.4.3 East 26th Street/Representative

TD 4A-B 26th Street

TD 4A travels along the north side of East 26th Street to a station east of East D Street, while TD 4B travels along the south side of East 26th Street and then crosses to the north side of the street to the same station at East D Street.

A summary of the above alternatives includes:

- Lower performance on TOD potential because the location is inconsistent with Tribal land use and economic goals, and because there are some additional barriers that limit the walkshed compared to other alternatives, such as the Sounder tracks to the north and topography.
- There are more impacts to Tribal properties compared to other alternatives.

- These alternatives have a higher potential to extend the light rail line under I-705 because they allow the longest distance to elevate the line over Pacific Avenue on the western side of I-705 and do not conflict with Tacoma Link or Sounder.
- These alternatives would have the potential to impact historic-era properties and are near archaeological sites, but the specific impacts and the significance of most of the historic properties requires further study.
- Most other types of environmental impacts are low, although many properties have potential for hazardous materials contamination.

5.1.4.4 East 26th/27th Street

TD 5A 27th Street and TD 5B 27th Street

TD 5A and TD 5B travel along the north side of I-5 and continue northwest just east of East G Street until turning to a station at East 27th Street and East F Street. The alignments vary slightly based on which East Tacoma alignment is being connected to. A summary of these alternatives includes:

- Lower performance for TOD potential because nearby development would likely be limited by the surrounding street grid and uses, nearby amenities are limited, and additional barriers limit the walkshed compared to other alternatives, such as the Sounder tracks to the north and topography.
- The station is the greatest distance to connections to downtown Tacoma, including Tacoma Link and the transit center on Puyallup Avenue.
- The station and adjacent alignment affect Tribal property, and the alignment is in the vicinity of cultural and archaeological resources.
- The alignment features more curves and slope challenges than other alternatives but would allow future extensions.
- Most other types of environmental impacts are low, although many properties have potential for hazardous materials contamination.

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

LEVEL 2 ALTERNATIVES EVALUATION REPORT

Appendix I4

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

August 2019

Tacoma Dome Link Extension

Level 2 Alternatives Evaluation Report

SOUNDTRANSIT

CENTRAL PUGET SOUND
REGIONAL TRANSIT AUTHORITY

Tacoma Dome Link Extension

Level 2 Alternatives Evaluation Report

Prepared for:
Sound Transit

Prepared by:
HDR & Parametrix
August 29, 2018

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Acronyms and Abbreviations

ADA	Americans with Disabilities Act
BNSF	Burlington Northern Santa Fe
BPA	Bonneville Power Administration
EIS	Environmental Impact Statement
ELG	Elected Leadership Group
ESA	Endangered Species Act
FTA	Federal Transit Administration
FWLE	Federal Way Link Extension
HCT	high-capacity transit
I-5	Interstate 5
IAG	Interagency Group
LOS	level of service
mph	miles per hour
NEPA	National Environmental Policy Act
OMF South	Operations and Maintenance Facility South
PSRC	Puget Sound Regional Council
SEPA	State Environmental Policy Act
SF	South Federal Way
Sound Transit	Central Puget Sound Regional Transit Authority
SR 99	State Route 99
ST3 Plan	Sound Transit 3 Plan
TDLE	Tacoma Dome Link Extension
TOD	transit oriented development
WDFW	Washington Department of Fish and Wildlife

Executive Summary

Purpose of the Report

Central Puget Sound Regional Transit Authority (Sound Transit) and the Federal Transit Administration (FTA) conducted an alternatives evaluation to start the public planning and environmental processes for the Tacoma Dome Link Extension (TDLE). The proposed project, included in the evaluation as the Representative Project, is part of the Sound Transit 3 (ST3) Plan approved by voters in 2016. The project starts where the Federal Way Link Extension (FWLE) ends at the Federal Way Transit Center in the city of Federal Way in south King County and continues to the Tacoma Dome area in the city of Tacoma in Pierce County, following along I-5 for most of the alignment. Exhibit E-1 shows where the TDLE is located. The TDLE is an element of the regional Metropolitan Transportation Plan (the Puget Sound Regional Council [PSRC] 2040 Transportation Plan), and Sound Transit's Long-Range Transit Plan.

As part of the ST3 Plan, two new light rail maintenance facilities, one in the north and one in the south service area, were identified to support the expansion of light rail. The operations and maintenance facility to serve overall regional system expansion, particularly for service in South King and Pierce counties, is called the Operations and Maintenance Facility South (OMF South) and is evaluated in a separate report.

The public planning and environmental processes began with development of the Pre-Screening and Level 1 Alternatives Evaluation, which sought to define a reasonable range of options that meet the project Purpose and Need, can be implemented at a reasonable cost, and would not result in unacceptable effects on the environment or community. In September 2018, the Level 1 evaluation and findings were reviewed by the Elected Leadership Group (ELG), the Interagency Group (IAG), the Stakeholder Group, and the public. The TDLE ELG then selected the alternatives from Level 1 to be advanced for further study in Level 2.

The Level 2 evaluation further developed the alternatives that were advanced and then applied more rigorous criteria and analysis to the remaining, smaller set of alternatives. This evaluation compared each alternative's strengths and weaknesses relative to the other Level 2 alternatives within the same station area. The technical analysis of this Level 2 screening, along with the results of the scoping process that occurred from April 1 through May 1, 2019, were presented to the Sound Transit Board and ELG for identification of a preferred alternative as well as other alternatives that should be advanced for more detailed analysis in the Draft Environmental Impact Statement (Draft EIS).

This report is organized into seven primary chapters:

- Chapter 1—Introduction
- Chapter 2—Pre-Screening and Level 1 Alternatives Evaluation
- Chapter 3—Level 2 Evaluation Criteria
- Chapter 4—Level 2 Alternatives
- Chapter 5—Level 2 Analysis
- Chapter 6—Level 2 Summary
- Chapter 7—Scoping and Selection of the Draft EIS Alternatives

Draft Purpose and Need

The purpose of the Tacoma Dome Link Extension is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area in order to:

- Provide high-quality rapid, reliable, accessible, and efficient light rail transit service connecting to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016).
- Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand.
- Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a).
- Implement a system that is technically and financially feasible to build, operate, and maintain.
- Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies.
- Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.
- Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.

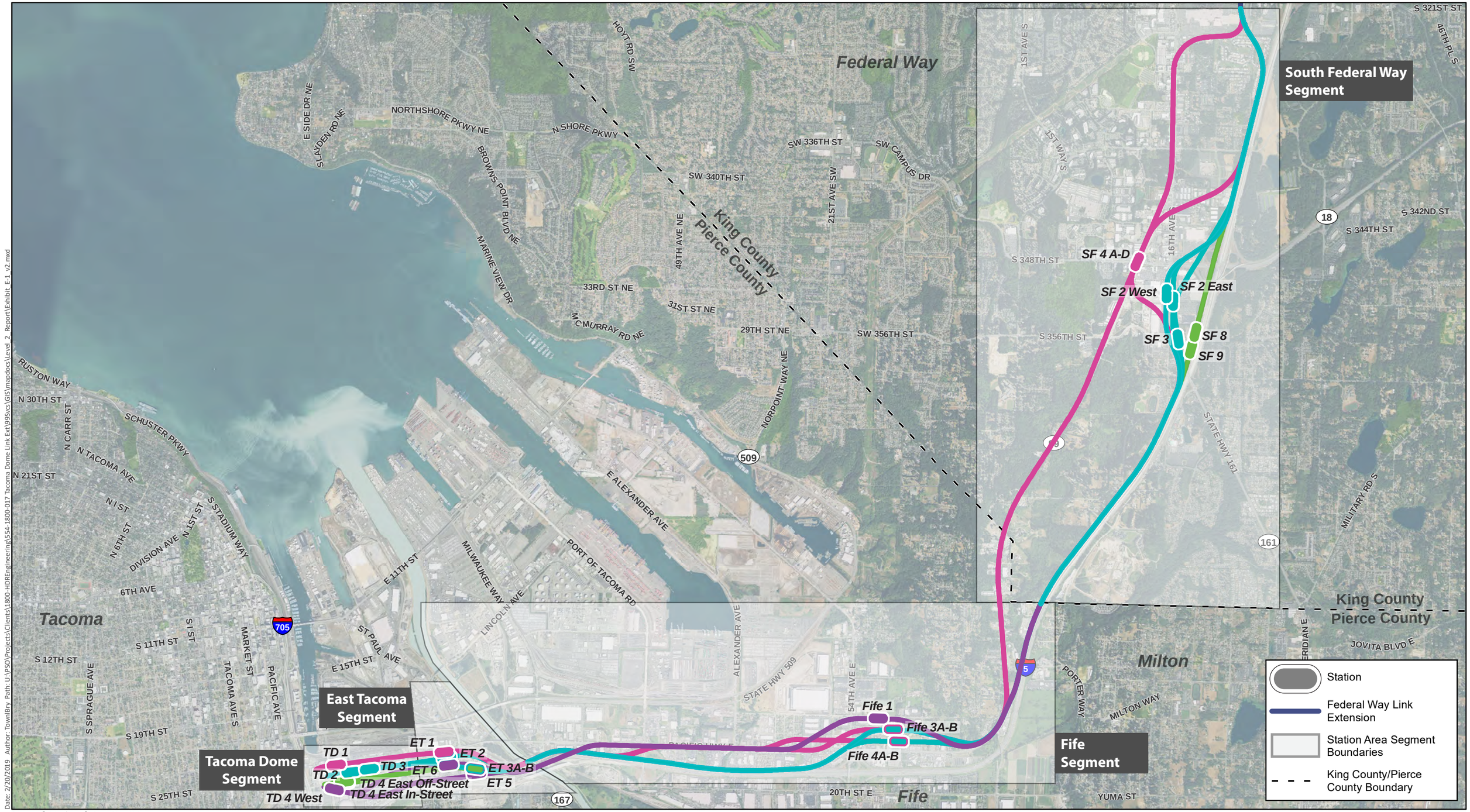

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SOUNDTRANSIT

EXHIBIT E-1
LEVEL 2 ALTERNATIVES
ALL STATION AREAS

TACOMA DOME LINK EXTENSION

Date: 2/20/2019 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\995vcs\GIS\mapdocs\Level_2_Report\Exhibit_E-1_v2.mxd

The project is needed because:

- Chronic roadway congestion on Interstate 5 (I-5) and State Route 99 (SR 99)—two primary highways connecting communities along the corridor—delays today's travelers, including those using transit, and degrades the reliability of bus service traversing the corridor, particularly during commute periods.
- These chronic, degraded conditions are expected to continue and worsen as the region's population and employment grows.
- Puget Sound Regional Council (PSRC), the regional metropolitan planning organization, and local plans call for HCT in the corridor consistent with VISION 2040 (PSRC 2009) and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a).
- South King and Pierce counties citizens and communities, including transit-dependent residents and low-income or minority populations, need long-term regional mobility and multimodal connectivity as called for in the Washington State Growth Management Act.
- Regional and local plans call for increased residential and/or employment density at and around HCT stations, and increased options for multimodal access.
- Environmental and sustainability goals of the state and region, as established in Washington state law and embodied in PSRC's VISION 2040 and 2018 Regional Transportation Plan, include reducing greenhouse gas emissions by decreasing vehicle miles traveled.

Overview of the Alternatives Analysis Process

The purpose of the alternatives analysis process is to evaluate the alternatives according to the designated criteria and provide the evaluation to tribes, agencies, advisory groups, and the public. To refine the alternatives, input from these groups was considered throughout the process. In collaboration with FTA, the Sound Transit Board considered the analysis and input received during the alternative analysis process to identify the range of alternatives to study in the EIS. The Sound Transit Board identified a preferred alternative for evaluation in the Draft EIS.

Because the project will seek federal funding, FTA's general guidance for conducting alternatives analysis was incorporated into the study process. This process included initiating the study, developing and refining alternatives and methodologies, analyzing and evaluating alternatives, and (in the future) identifying a preferred alternative, as shown on Exhibit E-2.

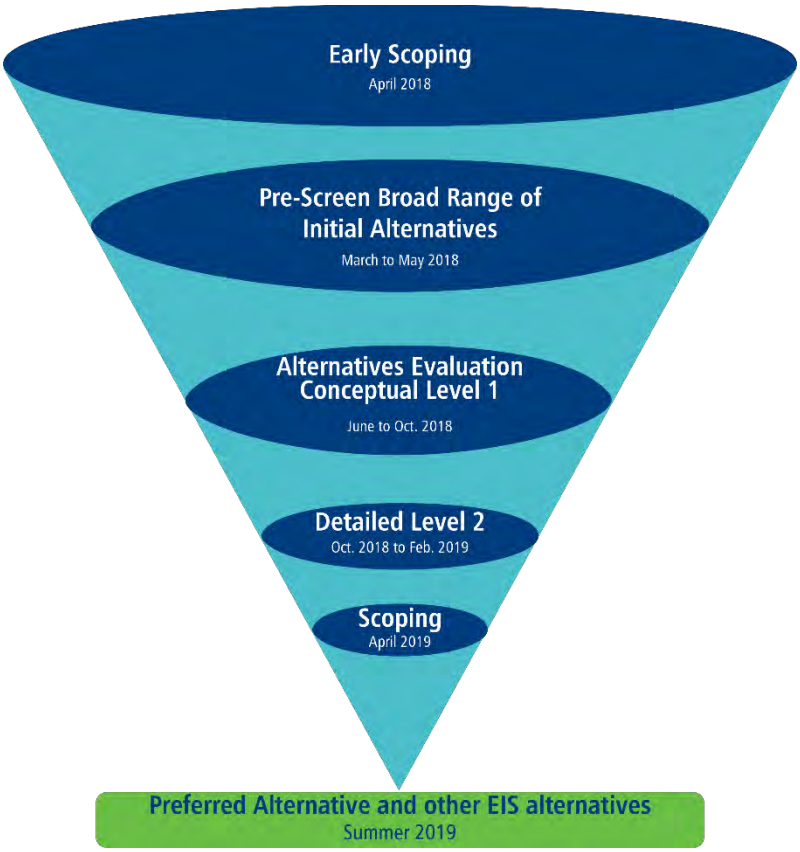

EXHIBIT E-2
Alternatives Evaluation Process

Information from the regional and local plans and projects, as well as previous work from the ST3 Plan, was reviewed as part of initiating the TDLE project, and a draft Purpose and Need of the project was developed. The draft Purpose and Need established the objectives that were used to develop the evaluation criteria and measures for the Level 1 analysis.

The next step, which was pre-screening alternatives to identify those that do not meet the Purpose and Need, helped to refine the alternatives that were analyzed in the Level 1 screening. The initial pre-screening process involved two steps: 1) considering if the alternatives being studied satisfy the Purpose and Need statement, and 2) evaluating the alternatives for consistency with the ST3 Plan, which is the basis for the proposed project.

The initial alignments and station concepts were then developed into potential alternatives for the Level 1 evaluation process. The Level 1 evaluation assessed the performance of the alternatives using evaluation measures based on the Purpose and Need. At this early stage in the process, the Level 1 analysis applied both qualitative and quantitative criteria to evaluate the alternatives based on early conceptual design. The representative project from ST3 was included in the Level 1 alternatives.

After the Level 1 evaluation and findings were reviewed by the ELG, IAG, Stakeholder Group, FTA, and the public, the ELG selected the Level 1 alternatives that were refined and advanced into the Level 2 analysis. The draft Purpose and Need also established the objectives that were used to develop the evaluation criteria and measures for the Level 2 analysis. The Level 2 evaluation applied additional, more quantitative criteria compared to the Level 1 evaluation. The Level 2 analysis, along with the results of the scoping process, were presented to the ELG and the Sound Transit Board to help them identify a preferred alternative to be evaluated in the EIS.

Summary of Early Scoping Process

A 30-day early scoping period was completed between April 2 and May 3, 2018 to collect input on potential alternatives to be studied as part of the TDLE. The early scoping period included three public open houses (in Federal Way, Fife, and Tacoma). The public open houses provided several interactive opportunities for attendees to provide input and draw alignment and station location suggestions on a large map of the project corridor. An online open house also provided opportunities to learn about the project and provide comments. During the early scoping process, people could provide comments via an online open house survey, email, mail, or community open houses.

In addition to the public meetings, an early scoping meeting was also held in Tacoma on the afternoon of April 17, 2018, for tribes, agencies, and jurisdictions. Jurisdictional participants could learn about the project, ask questions, and provide informal comments on interactive roll plot maps of the corridor in advance of providing their formal early scoping comment letters.

Early scoping comments were received from one tribal government, 11 agencies, and over 550 written comments from members of the public. Common project-wide themes included:

- Support for the light rail system
- Concern about taxes and project costs
- Provide adequate parking at stations
- Evaluate economic tradeoffs: increased access to local and regional job opportunities and potential impacts to businesses along the route
- Interest in transit oriented development (TOD)

The Early Scoping Summary Report contains further information about the comments received during early scoping (Sound Transit 2018).

Summary of Pre-Screening Process

The initial pre-screening process involved two steps: 1) considering if the alternatives being studied satisfy the Purpose and Need statement, and 2) evaluating the alternatives for consistency with the project scope defined in the ST3 Plan, which is the basis for the proposed project.

The process to develop concepts began with reviewing previous work done in regional planning studies, including Sound Move—The Ten-Year Regional Transit System Plan (Sound Transit 1996), the Regional Transit Long-Range Plan (Sound Transit 2005), Sound Transit 2: A Mass Transit Guide—The Regional Transit System Plan for Central Puget Sound (Sound Transit 2008), Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 2016), and the Federal Way to Tacoma HCT Corridor Study (Sound Transit 2014b). Local planning studies were also reviewed. The existing transit network and plans for the Federal Way Transit Extension were also considered. In addition to the concepts developed from past studies, comments received during the early scoping period were used to identify potential alternatives.

Based on previous studies and public involvement completed for the adoption of the Long-Range Plan and the EIS, and on the results of the Federal Way to Tacoma HCT Corridor Study and related ST3 planning and outreach, the Sound Transit Board adopted light rail transit as the mode to serve the South Corridor connecting Seattle to Tacoma. Therefore, only regional light rail transit alternatives are being considered for TDLE.

Alternatives considered during pre-screening included different alignment and station concepts. The alignment refers to the horizontal location on the ground within a corridor and the vertical elevation of the aerial guideway. The initial range of alternatives is generally located within the SR 99 or I-5 corridors as shown in Exhibit E-1. The pre-screening of alternatives was undertaken to identify and screen out alignment and station concepts that did not warrant further consideration in the Level 1 evaluation.

A few alignment concepts outside of the SR 99 and I-5 corridors were considered in the pre-screening, such as an alignment along the Interurban Trail corridor, and extending Tacoma Link west of the Tacoma Dome to East Tacoma. These concepts were not brought forward into the Level 1 evaluation because of inconsistency with the Purpose and Need statement, inconsistency with the ST3 Plan, circuitous routing that would add travel time to the HCT service, and environmental constraints. The SR 99 and I-5 corridors are the only practicable options to meet the project Purpose and Need to extend the HCT system between the Federal Way City Center and the Tacoma Dome station area, providing direct connections with Sounder commuter rail, Tacoma Link light rail, Greyhound, and Amtrak passenger rail (future), as well as the Sound Transit Express, Pierce Transit, and King County Metro bus transit systems.

There were station concepts in each of the station areas that were not brought forward into the Level 1 evaluation because of inconsistency with the Purpose and Need, and/or the proposed station location was outside of the study area. For more detailed information on pre-screening, see the TDLE Pre-Screening and Level 1 Alternatives Evaluation Report.

Summary of Level 1 Alternatives Evaluation Process

The Level 1 evaluation included an analysis of the Level 1 alternatives advanced beyond pre-screening. The Level 1 alternatives were evaluated based on evaluation criteria that were developed based on the draft Purpose and Need for the TDLE project. The Level 1 evaluation criteria are summarized in Exhibit E-3.

EXHIBIT E-3
Level 1 Evaluation Criteria

Evaluation Criteria	Measures
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs Purpose and Need: • Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016). • Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand. • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.	
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations
Objective: Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development Purpose and Need: • Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a). • Encourage equitable and sustainable urban growth in station areas through support of transit oriented development (TOD) and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.	
Supports future TOD opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas
Objective: Preserve the Environment Purpose and Need: • Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.	

EXHIBIT E-3
Level 1 Evaluation Criteria

Evaluation Criteria	Measures
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act (ESA) species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax-generating properties affected L1.11: Estimated number of tribal parcels affected L1.12: Presence of known Section 4(f), park, historic, culturally-significant tribal properties, or other protected areas L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste
Objective: Support Equitable Mobility Purpose and Need: • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.	
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations
Objective: Provide a Financially Sustainable and Constructible Project Purpose and Need: • Implement a system that is technically and financially feasible to build, operate, and maintain.	
Financial considerations	L1.20: Major cost elements beyond the representative project description
Constructability and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly owned right-of-way L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk

Alternatives Evaluated and Advanced in Level 1

A total of 51 station and alignment alternatives across the four station areas were evaluated in Level 1. The ELG recommended the alternatives to advance to Level 2 based on the Level 1 evaluation and input from tribes, agencies, advisory groups, and the public, which are summarized below. For more detail on the Level 1 evaluation, refer to the TDLE Pre-Screening and Level 1 Alternatives Evaluation Report (Sound Transit 2019a).

South Federal Way

There were 17 alternatives in South Federal Way that could generally be categorized into four alignment families: Enchanted Parkway, SR 99, I-5 West/Representative, and I-5 Median/I-5 East.

EXHIBIT E-4
South Federal Way Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
Enchanted Parkway	SF 1 Enchanted/348th SF 2 Enchanted/352nd SF 3 Enchanted/356th	SF 2 Enchanted/352nd SF 3 Enchanted/356th
SR 99	SF 4A 99 North (SR 99 to I-5) SF 4B 99 North (SR 99) SF 4C 99 North (I-5 to SR 99) SF 4D 99 North (I-5 to SR 99 to I-5) SF 5A 99 South (SR 99) SF 5B 99 South (I-5 to SR 99)	SF 4A 99 North (SR 99 to I-5) SF 4B 99 North (SR 99) SF 4C 99 North (I-5 to SR 99) SF 4D 99 North (I-5 to SR 99 to I-5)
I-5 West/Representative	SF 6 I-5/344th SF 7 I-5/352nd (Representative) SF 8 I-5/356th SF 9 I-5/Jet SF 10 I-5/359th	SF 8 I-5/356th SF 9 I-5/Jet
I-5 Median/I-5 East	SF 11 I-5 Median SF 12 I-5 East/Enchanted SF 13 I-5 East/Wild Waves	None

Fife

There were 16 alternatives in Fife that could generally be categorized into five alignment families: I-5 West to 12th Street, Pacific Highway/15th Street, Pacific Highway East/South, I-5 West/Representative, and I-5 Median/I-5 South.

EXHIBIT E-5
Fife Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
I-5 West to 12th Street	Fife 1 12th Street	Fife 1 12th Street
Pacific Highway/15th Street	Fife 2A Pacific Highway West Fife 2B Pacific Highway West Fife 3A 15th Street Fife 3B 15th Street	Fife 3A 15th Street Fife 3B 15th Street
Pacific Highway East/South	Fife 4A Pacific Highway East Fife 4B Pacific Highway East Fife 4C Pacific Highway East Fife 5A Pacific Highway South Fife 5B Pacific Highway South Fife 5C Pacific Highway South	Fife 4A Pacific Highway East Fife 4B Pacific Highway East Fife 4C Pacific Highway East

EXHIBIT E-5
Fife Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
I-5 West/Representative	Fife 6 I-5 West Fife 7 I-5 West (Representative)	None
I-5 Median/I-5 South	Fife 8 I-5 Median Fife 9A 20th Street Fife 9B 20th Street	None

East Tacoma

There were 11 alternatives in East Tacoma that could generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street.

EXHIBIT E-6
East Tacoma Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
Puyallup Avenue	ET 1A Puyallup Avenue (I-5 West to Puyallup) ET 1B Puyallup Avenue (SR 99 to Puyallup)	ET 1A Puyallup Avenue (I-5 West to Puyallup)
East 25th Street	ET 2 25th Street	ET 2 25th Street
East 26th Street/Representative	ET 3 26th Street – East ET 4A 27th Street – North ET 4B 27th Street – North (Representative) ET 4C 27th Street – North ET 6 26th Street – West	ET 3 26th Street – East ET 4A 27th Street – North ET 4B 27th Street – North (Representative) ET 4C 27th Street – North ET 6 26th Street – West
East 26th/27th Street	ET 5 27th Street – South ET 7 29th Street ET 8 34th Street	ET 5 27th Street – South

Tacoma Dome

There were seven alternatives at the Tacoma Dome that could generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street.

EXHIBIT E-7
Tacoma Dome Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
Puyallup Avenue	TD 1 Puyallup Avenue	TD 1 Puyallup Avenue
East 25th Street	TD 2 25th Street – East TD 3 25th Street – West	TD 2 25th Street – East TD 3 25th Street – West

EXHIBIT E-7
Tacoma Dome Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
East 26th Street/Representative	TD 4A 26th Street TD 4B 26th Street (Representative)	TD 4A 26th Street TD 4B 26th Street (Representative)
East 26th/27th Street	TD 5A 27th Street TD 5B 27th Street	None

Level 2 Alternatives

A total of 27 station and alignment alternatives across the four station areas were evaluated in Level 2. Alternatives advanced from Level 1 were refined between the Level 1 and Level 2 evaluation processes. There were also some "hybrid" alternatives developed to capture the best performing parts of other alternatives or to reduce potential impacts from alternatives. In some instances, alternatives were renamed for clarity in the Level 2 evaluation. Also, there were several variations on Level 1 alternatives developed and included in the Level 2 evaluation.

South Federal Way

There are nine alternatives in South Federal Way that can generally be categorized into three alignment families: Enchanted Parkway, SR 99, and I-5 West, as shown on Exhibit E-8.

Enchanted Parkway

The Enchanted Parkway alternatives include SF 2 West Enchanted/352nd (variation of SF 2 in Level 1), SF 2 East Enchanted/352nd (SF 2 in Level 1), and SF 3 Enchanted/356th, as depicted on Exhibit E-8. For a detailed description of the Enchanted Parkway alternatives, see Section 4.1.1.

SR 99

The SR 99 alternatives include SF 4A 99 North (SR 99 to I-5), SF 4B 99 North (SR 99), SF 4C 99 North (I-5 to SR 99), SF 4D 99 North (I-5 to SR 99 to I-5), as depicted on Exhibit E-8. For a detailed description of the SR 99 alternatives, see Section 4.1.2.

I-5 West

The I-5 West alternatives include SF 8 I-5/356th and SF 9 I-5/Jet, as depicted on Exhibit E-8. For a detailed description of the I-5 West alternatives, see Section 4.1.3.

Fife

There are five alternatives in Fife that can generally be categorized into three alignment families: I-5 West to 12th Street, North of 15th Street, and South of 15th Street, as shown on Exhibit E-9.

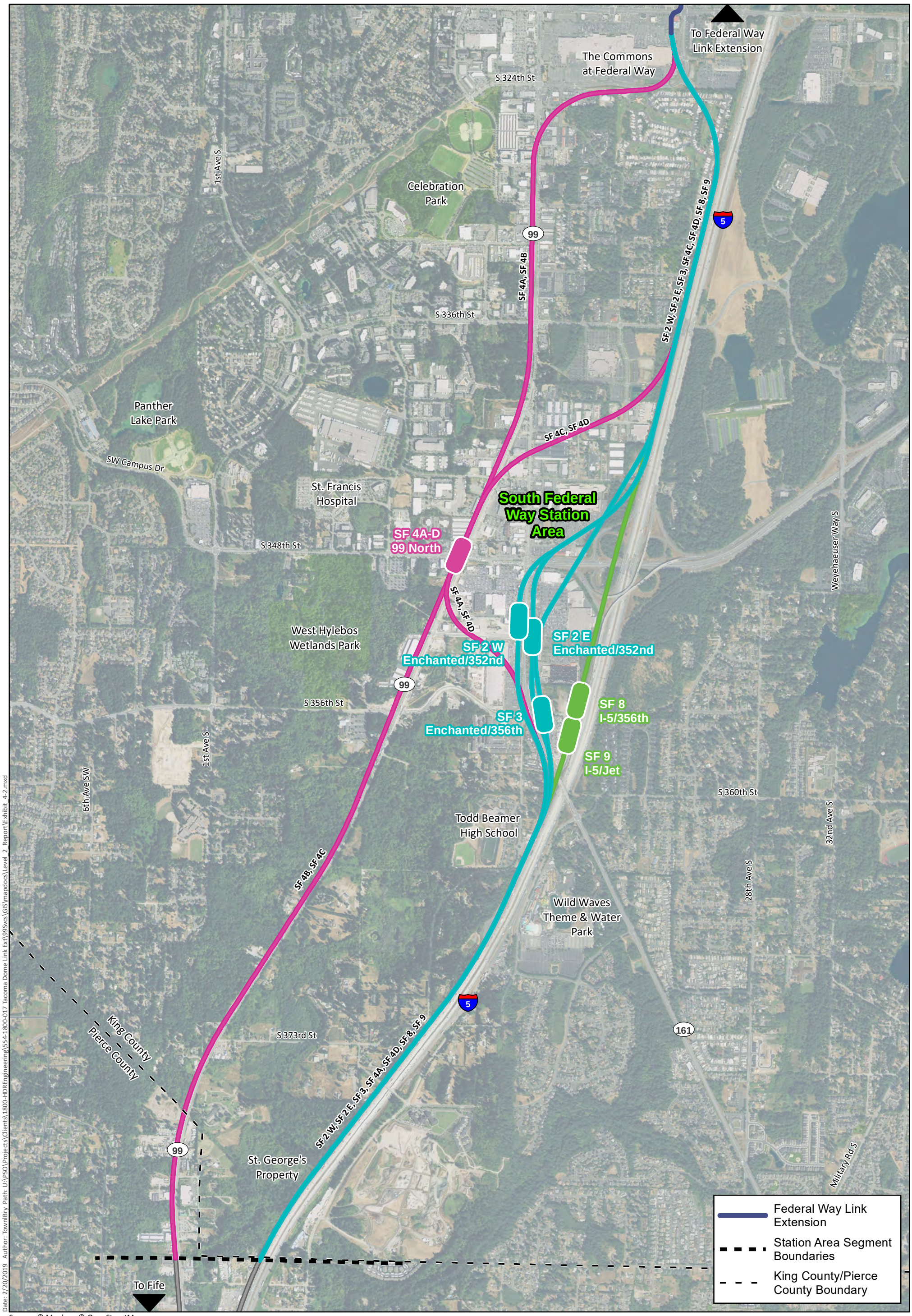

Source: © Mapbox, © OpenStreetMap

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0 625 1,250 2,500 Feet

South Federal Way Alternatives

Enchanted Parkway Alignment Family
- SF 2 East: Enchanted/S 352nd Street
- SF 2 West: Enchanted/S 352nd Street
- SF 3: Enchanted/S 356th Street

SR 99 Alignment Family
- SF 4A: 99 North (SR 99 to I-5)
- SF 4B: 99 North (SR 99)
- SF 4C: 99 North (I-5 to SR 99)
- SF 4D: 99 North (I-5 to SR 99 to I-5)

I-5 West Alignment Family
- SF 8: I-5/S 356th Street
- SF 9: I-5/Jet

SOUNDTRANSIT

EXHIBIT E-8
LEVEL 2 ALTERNATIVES
SOUTH FEDERAL WAY

TACOMA DOME LINK EXTENSION

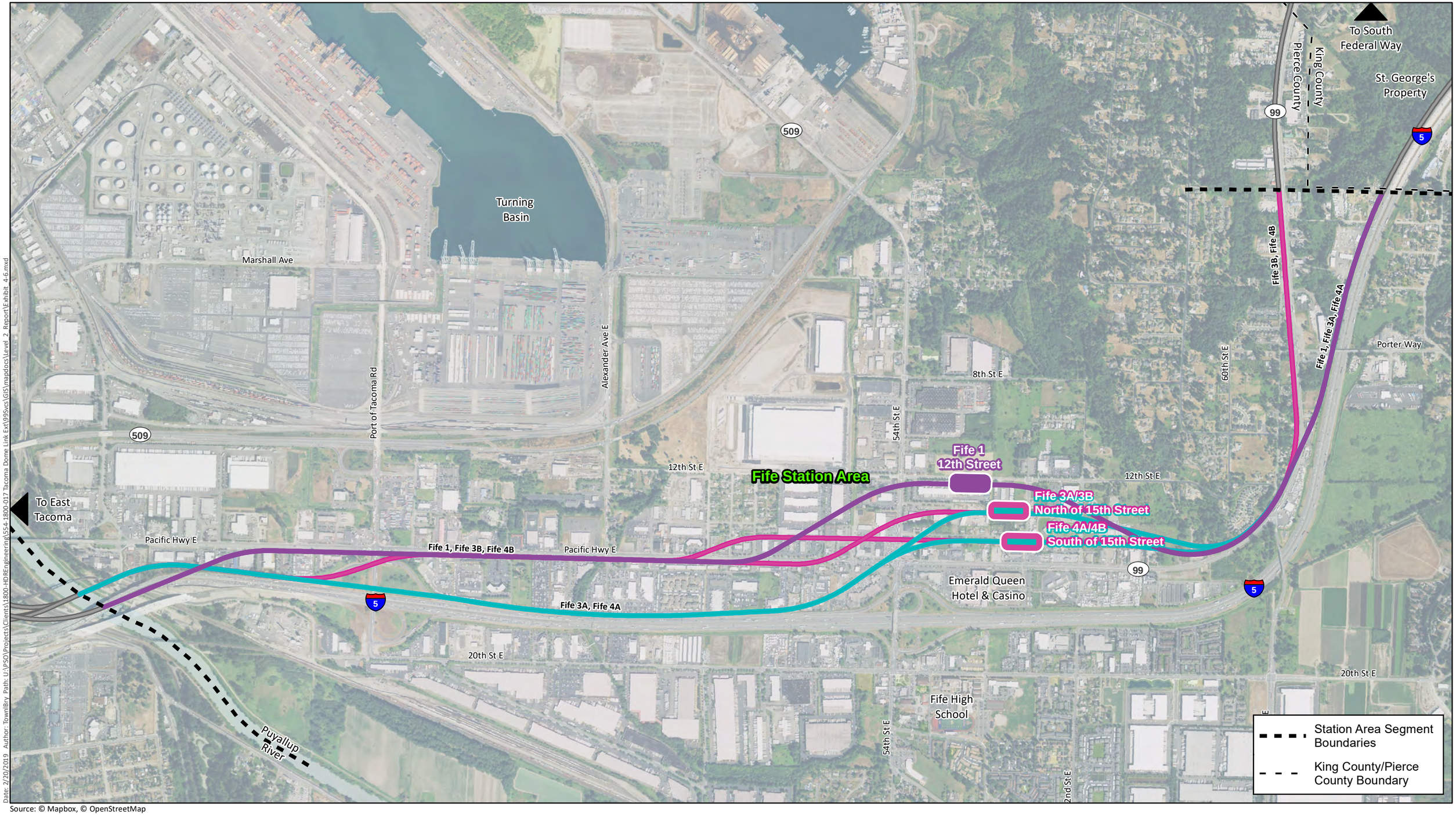

Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

Fife Alternatives

12th Street Alignment Family	North of 15th Street Alignment Family	South of 15th Street Alignment Family
Fife 1: 12th Street E	Fife 3A: North of 15th Street E	Fife 4A: South of 15th Street E
	Fife 3B: North of 15th Street E	Fife 4B: South of 15th Street E

EXHIBIT E-9
LEVEL 2 ALTERNATIVES
FIFE

TACOMA DOME LINK EXTENSION

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12th Street

The 12th Street alternative includes Fife 1 12th Street, as depicted on Exhibit E-9. For a detailed description of the 12th Street alternative, see Section 4.2.1.

North of 15th Street

The North of 15th Street alternatives include Fife 3A 15th Street and Fife 3B 15th Street, as depicted on Exhibit E-9. For a detailed description of the North of 15th Street alternatives, see Section 4.2.2.

South of 15th Street

The South of 15th Street alternatives include Fife 4A South of 15th Street (I-5) and Fife 4B South of 15th Street (SR 99), as depicted on Exhibit E-9. For a detailed description of the South of 15th Street alternatives, see Section 4.2.3.

East Tacoma

There are six alternatives in East Tacoma that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street, and East 27th Street, as shown on Exhibit E-10.

Puyallup Avenue

The Puyallup Avenue alternative includes ET 1 Puyallup Avenue (ET 1A in Level 1), as depicted on Exhibit E-10. For a detailed description of the Puyallup Avenue alternative, see Section 4.3.1.

East 25th Street

The East 25th Street alternative includes ET 2 E 25th Street, as depicted on Exhibit E-10. For a detailed description of the East 25th Street alternative, see Section 4.3.2.

East 26th Street

The East 26th Street alternatives include ET 3A E 26th Street to E 25th Street (variation of ET 3 in Level 1), ET 3B 26th Street East, and ET 6 26th Street West, as depicted on Exhibit E-10. For a detailed description of the East 26th Street alternatives, see Section 4.3.3.

East 27th Street

The East 27th Street alternative includes ET 5 E 27th Street, as depicted on Exhibit E-10. For a detailed description of the East 27th Street alternative, see Section 4.3.4.

Tacoma Dome

There are seven alternatives in Tacoma Dome that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street, and East 26th Street to East 27th Street, as shown on Exhibit E-10.

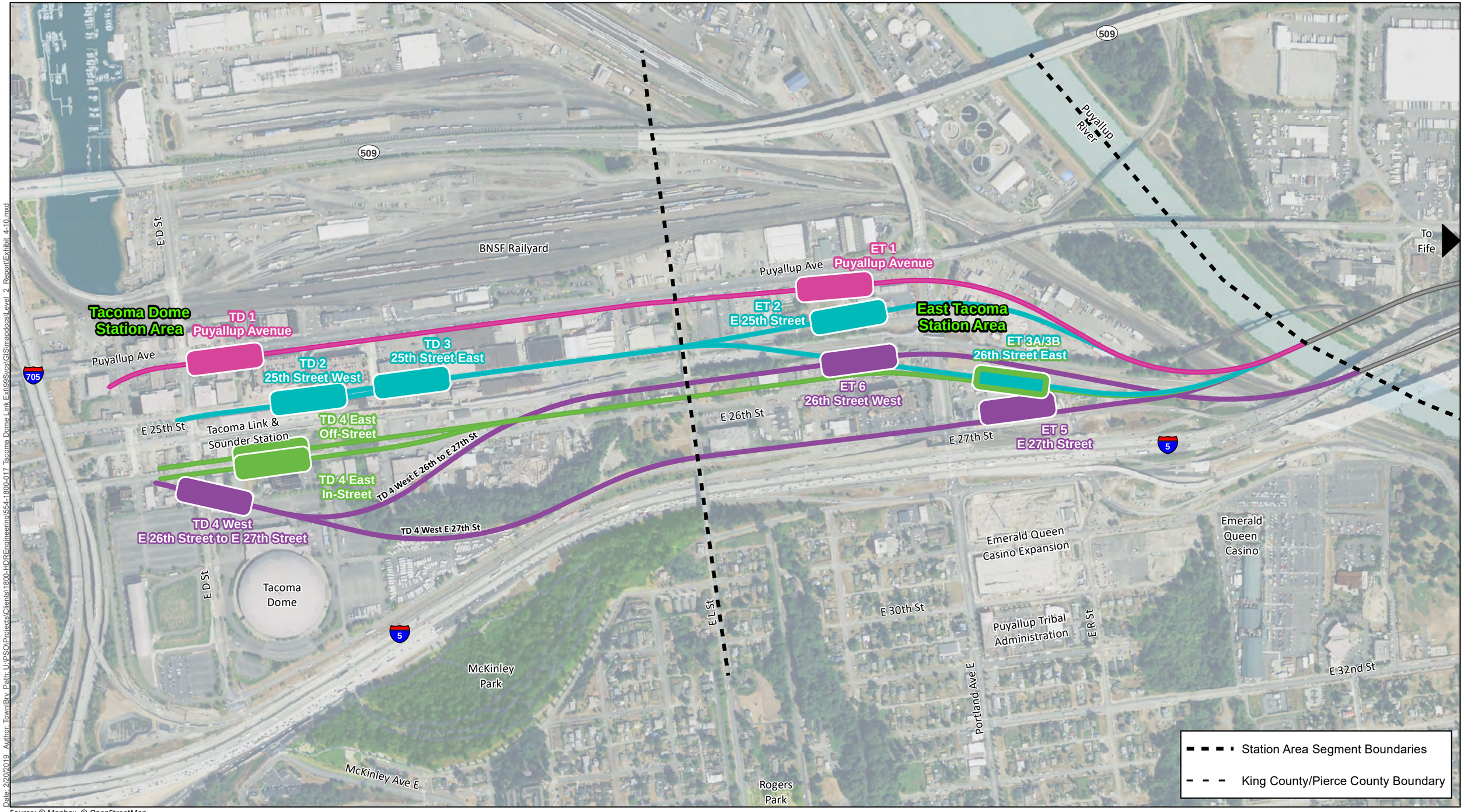

Source: © Mapbox, © OpenStreetMap

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East Tacoma and Tacoma Dome Alternatives

0 250 500 1,000 Feet

SOUNDTRANSIT

Puyallup Avenue Alignment Family
- ET1: Puyallup Ave
- TD1: Puyallup Ave

East 25th Street Alignment Family
- ET2: E 25th Street
- TD2: 25th Street West
- TD3: 25th Street East

East 26th Street Alignment Family
- ET3A: E 26th St to E 25th St
- ET3B: 26th Street East
- ET6: 26th Street West
- TD4 East: E 26th Street Off-Street / In-Street

E 26th St to E 27th St Alignment Family
- ET5: E 27th Street
- TD 4 West E 26th St to E 27th St / E 27th St

EXHIBIT E-10
LEVEL 2 ALTERNATIVES
EAST TACOMA & TACOMA DOME

TACOMA DOME LINK EXTENSION

Puyallup Avenue

The Puyallup Avenue alternative includes TD 1 Puyallup Avenue, as depicted on Exhibit E-10. For a detailed description of the Puyallup Avenue alternative, see Section 4.4.1.

East 25th Street

The East 25th Street alternatives include TD 2 25th Street West and TD 3 25th Street East, as depicted on Exhibit E-10. For a detailed description of the East 25th Street alternatives, see Section 4.4.2.

East 26th Street

The East 26th Street alternative includes TD 4 East Off-Street (variation of TD 4A-B in Level 1) and TD 4 East In-Street (variation of TD 4A-B in Level 1), as depicted on Exhibit E-10. For a detailed description of the East 26th Street alternatives, see Section 4.4.3.

East 26th Street to East 27th Street

The East 26th Street to East 27th Street alternatives include TD 4 West East 26th Street to East 27th Street (variation of TD 4A-B in Level 1) and TD 4 West East 27th Street (variation of TD 4A-B in Level 1), as depicted on Exhibit E-10. For a detailed description of the East 26th Street to East 27th Street alternatives, see Section 4.4.4.

Level 2 Evaluation Criteria and Measures

The criteria used to evaluate the Level 2 alternatives originated from objectives derived from the project's Purpose and Need. These objectives are to:

- Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs;
- Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development;
- Preserve the Environment;
- Support Equitable Mobility; and
- Provide a Financially Sustainable and Constructible Project

Exhibit E-11 lists the objectives and evaluation criteria, which were used to develop measures to assess the differences among the alternatives as well as how the Level 2 measures compare to the Level 1 measures. The qualitative and quantitative measures were intended to differentiate among alternatives in terms of project performance and potential impacts. The Level 2 evaluation will be used by the ELG to form an alternatives recommendation to the Sound Transit Board. In collaboration with FTA, the Sound Transit Board will identify the range of alternatives to be evaluated in the EIS process. The Sound Transit Board may identify a preferred alternative in the Draft EIS

EXHIBIT E-11
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs Purpose and Need: • Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016). • Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand. • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.		
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations	L2.1: Travel time L2.2: Daily and annual projected project ridership (2042) L2.3: Projected station boardings L2.4: Proximity to PSRC growth centers and manufacturing/industrial centers L2.5: Population (persons/acre) and job (jobs/acre) densities
Objective: Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development Purpose and Need: • Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a). • Encourage equitable and sustainable urban growth in station areas through support of transit oriented development (TOD) and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.		
Supports future TOD opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature	L2.6: Consistency with civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans L2.7: Likelihood of station area redevelopment into TOD neighborhood L2.8: Detailed evaluation of nonmotorized barriers within a ½-mile of the station L2.9: Presence of amenities that can catalyze development of TOD neighborhoods
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas	L2.10: Proximity to existing transit service and level of transit service diversion required L2.11: Ease of vehicular pick-up/drop-off for a variety of users L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations

EXHIBIT E-11
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Objective: Preserve the Environment Purpose and Need: • Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.		
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, ESA species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)	L2.14: Potential effects on wetlands L2.15: Potential effects on streams/stream crossings L2.16: Potential to affect protected species and habitats L2.17: Potential effects on vegetated areas L2.18: Potential effects on floodplains L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax generating properties affected L1.11: Estimated number of tribal parcels affected L1.12: Presence of known Section 4(f), park, historic, culturally-significant tribal properties, or other protected areas L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste	L2.20: Estimated number of affected parcels and total acreage by property type L2.21: Estimated number of affected parcels with major economic activity generators L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating L2.23: Estimated number of tribal parcels potentially affected L2.24: Potential effects on Section 4(f) parks and recreational resources L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places (NRHP) L2.26: Potential effects on Section 4(f) cultural and archaeological resources L2.27: Potential effects on viewsheds along the alignment and potential for impacts to view-dependent businesses L2.28: Potential effects on sensitive noise and vibration receptors L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network L2.30: Potential effects on freight movement L2.31: Potential avoidance of hazardous waste L2.32: Potential effects on parking demand and supply

EXHIBIT E-11
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Objective: Support Equitable Mobility Purpose and Need: • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.		
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations	L2.33: Potential benefits to low-income or minority populations L2.34: Potential for impacts on low-income and/or minority populations
Objective: Provide a Financially Sustainable and Constructible Project Purpose and Need: • Implement a system that is technically and financially feasible to build, operate, and maintain.		
Financial considerations	L1.20: Major cost elements beyond the representative project description	L2.35: Preliminary conceptual estimate* L2.36: Operating estimate
Constructibility and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly-owned right-of-way L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan	L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects) L2.40: Availability and potential to use publicly owned right-of-way and publicly owned property L2.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks, and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk	L2.43: Overall schedule risk

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

The proposed methodologies for assessing the measures outlined in Exhibit E-11 are described in Chapter 3, Evaluation Criteria.

Level 2 Evaluation Summary

A total of 27 alternatives across the four station areas were evaluated for Level 2 analysis between the terminus of the FWLE at the Federal Way Transit Center and Tacoma Dome District station area. These alternatives are further described in Chapter 4, Level 2 Alternatives. Exhibit E-12 summarizes the full range of alternatives reviewed in Level 2 and the notable advantages and disadvantages for each alternative.

EXHIBIT E-12
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
SOUTH FEDERAL WAY	
Alternatives with MORE POTENTIAL	
SF 2 **West** **Enchanted/352nd**	**Notable Advantages:** • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities. • Better multimodal station access (good pedestrian infrastructure). **Notable Disadvantages:** • Greater construction challenges due to crossing spans over both 348th Street and Enchanted Parkway.
SF 8/9 **I-5/356th and I-5/Jet**	**Notable Advantages:** • Lower potential property impacts. • Lowest preliminary estimate[1] based on alignment and station location. **Notable Disadvantages:** • Lower ridership potential than SF 4 alternatives. • Lower potential for development opportunities near station due to proximity to I-5, topographic and other barriers, and fewer nearby amenities. • Farther from bus service. • Higher potential impacts to ecosystems.
SF 4C **SR 99 North (I-5 to SR 99 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential. • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities. • Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • More difficult car access. • Higher potential property impacts (though less than SF 4A/4B). • Higher potential impacts to ecosystems.
SF 4D **SR 99 North (I-5 to SR 99 to I-5 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives). • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • More difficult car access. • Higher potential property impacts (though less than other SF 4 alternatives). • Greater construction challenges due to two crossings of SR 99, including a wide crossing.

EXHIBIT E-12
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
Alternatives with GREATER CHALLENGES	
SF 2 **East** **Enchanted/352nd**	**Notable Advantages:** • Moderate ridership potential. • Fewer potential property impacts than SF 4 alternatives. **Notable Disadvantages:** • Potential impacts to businesses and properties on east side of Enchanted Parkway.. • Moderately less potential for development opportunities near the station compared to SF 2 West due to proximity to I-5.
SF 3 **Enchanted/356th**	**Notable Advantages:** • Similar to SF 2 West, but like SF 2 East, runs on east side of Enchanted Parkway with potential property impacts. • Better car access. • Fewer property acquisitions than SF 4 alternatives. **Notable Disadvantages:** • Lower rating for pedestrian and bike access. • Lower potential for development opportunities near the station due to proximity to I-5, topographic and other barriers, and fewer nearby amenities.
SF 4A **SR 99 North (SR 99 to I-5 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives). • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • Highest potential property impacts. • More difficult car access. • Greater construction challenges due to guideway parallel to high voltage transmission lines and wide crossing over SR 99 at 327th.
SF 4B **SR 99 North (SR 99 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives). • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • Highest potential property impacts. • More difficult car access. • Greater construction challenges due to guideway parallel to high-voltage transmission lines and wide crossing over SR 99 at 327th. • Highest preliminary estimate[1] based on alignment and station location.

EXHIBIT E-12
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
FIFE	
Alternatives with MORE POTENTIAL	
Fife 3A **North of 15th Street (I-5 route alignment)** *Shares station location with Fife 3B*	**Notable Advantages:** • Location in planned City Center offers greater potential for development opportunities near station. • Lower potential impacts to natural environment. • Lower potential property impacts than Fife 3B; lower potential residential displacements than Fife 4A/4B. • Lowest preliminary estimate[1] based on alignment. **Notable Disadvantages:** • More potential for impacts to view-dependent businesses.
Fife 3B **North of 15th Street (SR 99 route alignment)** *Shares station location with Fife 3A*	**Notable Advantages:** • Location in planned City Center offers greater potential for development opportunities near station. • Lower potential impacts to natural environment. • Lower potential residential displacements than Fife 4A/4B. **Notable Disadvantages:** • Higher potential property impacts due to alignment on Pacific Highway. • Higher preliminary estimate[1] based on alignment.
Alternatives with GREATER CHALLENGES	
Fife 1 **12th Street**	**Notable Advantages:** • Better car access. **Notable Disadvantages:** • Lower ridership potential. • Zoning and a limited road network north of station show less potential for development opportunities near station. • Higher potential ecosystem impacts. • Higher potential impacts to major economic activity generators. • Highest preliminary estimate[1] based on alignment and station location.
Fife 4A **South of 15th Street (I-5 route alignment)** *Shares station location with Fife 4B*	**Notable Advantages:** • Location in planned City Center indicates greater potential for development opportunities near station. • Lowest preliminary estimate[1] based on alignment. **Notable Disadvantages:** • Greatest potential residential property impacts (including Rainier View Senior Apartments). • More difficult car access. • Higher potential impacts to freight movement.
Fife 4B **South of 15th Street (SR 99 route alignment)** *Shares station location with Fife 4A*	**Notable Advantages:** • Location in planned City Center indicates greater potential for development opportunities near station. **Notable Disadvantages:** • Higher potential property impacts due to alignment on Pacific Highway; higher potential residential property impacts (including Rainier View Senior Apartments). • Higher potential effects on freight movement. • Higher preliminary estimate[1] based on alignment.

EXHIBIT E-12
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
EAST TACOMA	
Alternatives with MORE POTENTIAL	
ET 3A **E 26th Street to E 25th Street** *Shares station location with ET 3B*	**Notable Advantages:** • Close to destinations and neighborhood south of I-5. • Fewer non-motorized barriers to access; better access to multimodal connections. • More existing and potential development opportunity south of I-5 within walking distance. • Alignment connects to more potential Tacoma Dome stations alternatives TD 2 and TD 3. **Notable Disadvantages:** • Highest preliminary estimate[1] based on alignment and station location.
Alternatives with GREATER CHALLENGES	
ET 1 **Puyallup Avenue**	**Notable Advantages:** • Closest to existing transit connections (bus). **Notable Disadvantages:** • Lower ridership potential. • Farther from destinations south of I-5; more non-motorized barriers and more difficult car access. • Highest potential property impacts. • Higher potential for additional freight delay.
ET 2 **E 25th Street**	**Notable Advantages:** • Alignment connects to more potential Tacoma Dome station alternatives TD 2 and TD 3. **Notable Disadvantages:** • Lower ridership potential. • More barriers for pedestrians and bicyclists. • Farther from destinations south of I-5. • More difficult car access. • Higher potential for additional freight delay.
ET 3B **26th Street East** *Shares station location with ET 3A*	**Notable Advantages:** • Close to destinations and neighborhood south of I-5. • Fewer non-motorized barriers to access; better access to multimodal connections. • More existing and potential development opportunity south of I-5 within walking distance. • Lowest preliminary estimate[1] based on alignment and station location. **Notable Disadvantages:** • Alignment connects to more challenging Tacoma Dome station alternative TD 4.
ET 5 **E 27th Street**	**Notable Advantages:** • Fewest businesses potentially impacted. • Closest to destinations and neighborhood south of I-5. • Fewer non-motorized barriers to access; better access to multimodal connections. • More existing and potential development opportunity south of I-5 within walking distance. **Notable Disadvantages:** • Alignment connects to more challenging Tacoma Dome station alternative TD 4. • Greater potential impacts to tribal properties.
ET 6 **26th Street West**	**Notable Advantages:** • No potential to affect historic resources. **Notable Disadvantages:** • More difficult car access. • Higher potential for additional freight delay. • Farther from destinations and neighborhood south of I-5.

EXHIBIT E-12
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
TACOMA DOME	
Alternatives with MORE POTENTIAL	
TD 2 **25th Street West**	**Notable Advantages:** • Highest station access for people walking, biking, taking transit or driving. • Close to other transit modes for ease of transfer (closest proximity to Tacoma Link). • Zoning and nearby amenities offer greater potential for housing and business development near station. • Higher ridership potential. **Notable Disadvantages:** • Higher potential impacts to businesses that are major economic activity generators along 25th Street. • Highest preliminary estimate[1] based on alignment and station location.
TD 3 **25th Street East**	**Notable Advantages:** • Higher ridership potential than TD 4 alternatives. • Fewer potential property impacts. • Moderate rating for multimodal access (closer to buses, but farther from Tacoma Link). **Notable Disadvantages:** • Lower potential for development opportunities near station due to location in a light industrial zoning district.
Alternatives with GREATER CHALLENGES	
TD 1 **Puyallup Avenue**	**Notable Advantages:** • Higher ridership potential. • Close to other transit modes for ease of transfer. • Zoning and nearby amenities offer greater potential for housing and business development near station. **Notable Disadvantages:** • Higher potential impacts to businesses that are major economic activity generators along Puyallup Avenue. • Long-term, future extension to Tacoma Mall is most difficult.
TD 4 **East off-street** **E 26th Street**	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. • Lowest preliminary estimate[1] based on alignment and station location. **Notable Disadvantages:** • Farther from multimodal connections (majority of buses). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking. • Likely impacts to tribal properties.
TD 4 **East in-street** **E 26th Street**	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. • Fewer potential property impacts. **Notable Disadvantages:** • Farthest from multimodal connections (Tacoma Link and bus). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking.

EXHIBIT E-12
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
TD 4 West **E 26th Street to E 27th Street** *Both TD 4 West alternatives share same station location*	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. **Notable Disadvantages:** • Farther from multimodal connection points (Tacoma Link). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking. • Higher number of potential property impacts.
TD 4 West **E 27th Street** *Both TD 4 West alternatives share same station location*	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. **Notable Disadvantages:** • Farther from multimodal connection points (Tacoma Link). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and parking.

[1]Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.

Summary of Scoping

Sound Transit conducted scoping for the TDLE from April 1 through May 1, 2019. Participation during the scoping period included Tribal, agency, and jurisdiction participation as well as public participation. During scoping, over 4,000 individuals participated through an on-line or in-person Open House, and over 650 comments were received on the Draft Purpose and Need, route and station options (alternatives) to consider in the Draft EIS, or topics to study in the Draft EIS.

Detailed information on Scoping is provided in the Tacoma Dome Link Extension Scoping Summary Report (Sound Transit 2019b).

1 Introduction

Sound Transit and the Federal Transit Administration (FTA) conducted an alternatives evaluation to start the public planning and environmental processes for the Tacoma Dome Link Extension (TDLE). The proposed project, included in the evaluation as the Representative Project, is part of the Sound Transit 3 (ST3) Plan approved by voters in 2016. The project starts where the Federal Way Link Extension (FWLE) ends at the Federal Way Transit Center in the city of Federal Way in south King County and continues to the Tacoma Dome area in the city of Tacoma in Pierce County, following along I-5 for most of the alignment. Exhibit 1-1 shows where the TDLE is located. The TDLE is an element of the regional Metropolitan Transportation Plan (the Puget Sound Regional Council [PSRC] 2040 Transportation Plan), and Sound Transit's Long-Range Transit Plan.

As part of the ST3 Plan, two new light rail maintenance facilities, one in the north and one in the south service area, were identified to support the expansion of light rail. The operations and maintenance facility to serve overall regional system expansion, particularly for service in South King and Pierce counties, is called the Operations and Maintenance Facility South (OMF South) and is evaluated in a separate report.

The public planning and environmental processes began with development of the Pre-Screening and Level 1 Alternatives Evaluation, which sought to define a reasonable range of options that meet the project Purpose and Need, can be implemented at a reasonable cost, and would not result in unacceptable effects on the environment or community. In September 2018, the Level 1 evaluation and findings were reviewed by the Elected Leadership Group (ELG), the Interagency Group (IAG), the Stakeholder Group, and the public. The TDLE ELG then selected the alternatives from Level 1 to be advanced for further study in Level 2. Following the Level 2 analysis, Sound Transit conducted scoping from April 1 through May 1, 2019 and received comments on the potential alternatives to be included in the Draft Environmental Impact Statement (Draft EIS). The Level 2 technical analysis and scoping information was then used by the FTA, the ELG, and the Sound Transit Board to identify the range of alternatives to study in the Draft EIS. The Level 2 evaluation process and analysis, and the selection of the Draft EIS alternatives are included in this report.

1.1 Relationship of this Study to Project Development

This report summarizes the portion of the alternatives evaluation process that has been completed to identify and evaluate viable alternatives for further study in the EIS as well as the selection of the Draft EIS alternatives following this evaluation.

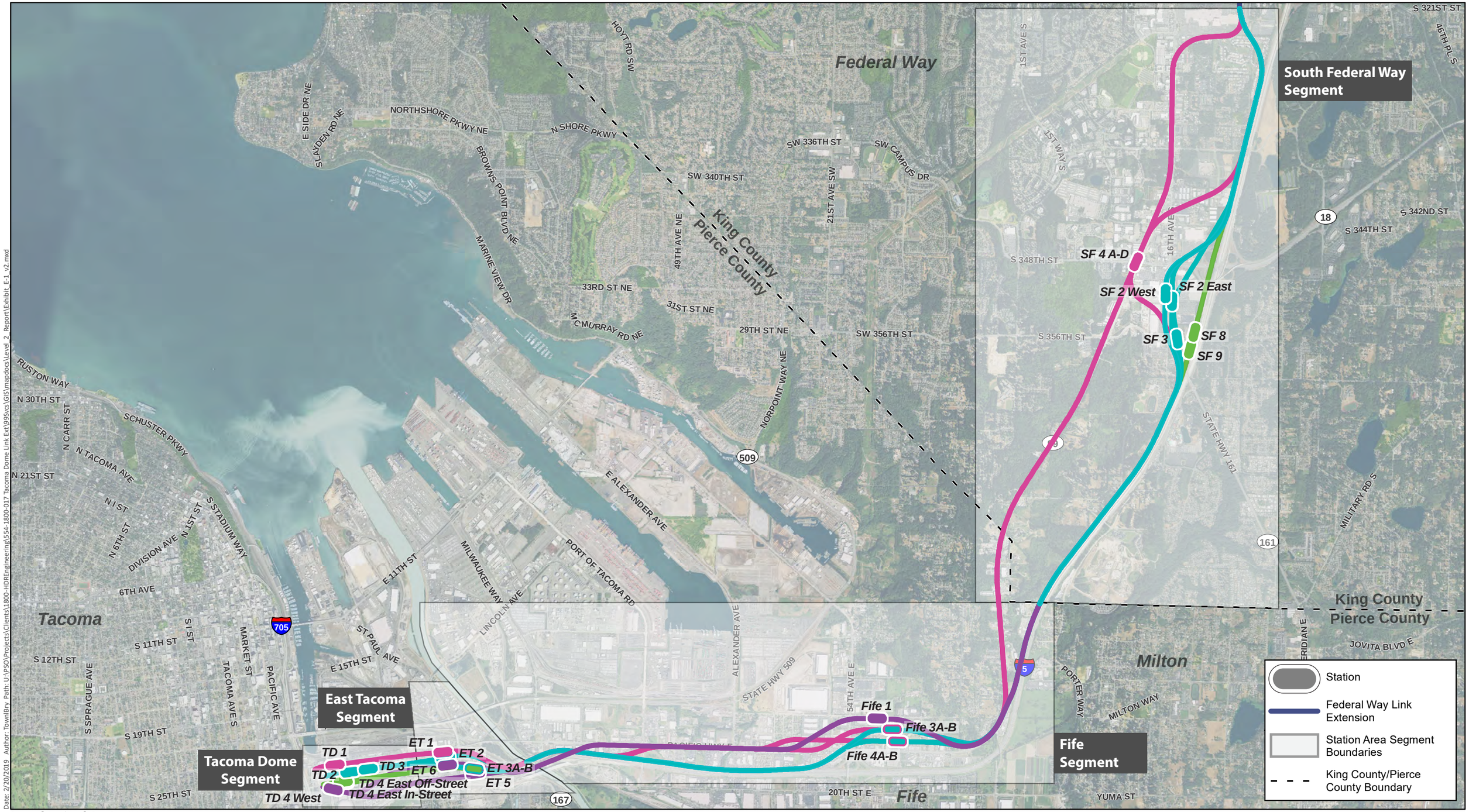

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

SOUNDTRANSIT

EXHIBIT 1-1
LEVEL 2 ALTERNATIVES
ALL STATION AREAS

TACOMA DOME LINK EXTENSION

Date: 2/20/2019 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\995vcs\GIS\mapdocs\Level_2_Report\Exhibit_E-1_v2.mxd

The alternatives that best meet the project Purpose and Need were selected to be analyzed in a Draft EIS under the National Environmental Policy Act (NEPA) and under the Washington State Environmental Policy Act (SEPA). The study has identified an initial range of potential alternatives (based on previous plans and studies and input from the public, tribes, and agencies) and evaluated the alternatives using successive levels of more detailed analysis to determine which have promise and should undergo further study and design during the EIS process. At the end of the project development process, the preferred project will be selected by the Sound Transit Board and moved forward into further design, construction, and eventual operations.

The Level 1 evaluation applied both qualitative and quantitative criteria to measure the benefits, effects, and costs of the Level 1 alternatives. The ELG selected the Level 1 alternatives to be advanced for further study in Level 2.

The Level 2 evaluation further developed the alternatives that were advanced and then applied more rigorous criteria and analyses to the remaining, smaller set of alternatives. This evaluation compares each alternative's strengths and weaknesses relative to the other Level 2 alternatives. The technical analysis of this Level 2 screening, along with the results of the scoping process, was presented to the ELG and the Sound Transit Board for identification of the preferred alternative, as well as other alternatives that should be advanced for more detailed analysis in the Draft EIS.

Following the Level 2 evaluation, scoping was conducted to provide agencies, tribes, and the public the opportunity to learn about and provide comments on the TDLE project, including the Purpose and Need statement, potential alternatives, and environmental resources to evaluate in the Draft EIS. The information collected in scoping as well as the technical analysis from the Level 2 evaluation was used by the FTA, the ELG, and the Sound Transit Board to identify alternatives to study in the Draft EIS.

1.2 TDLE Corridor Background

Sound Transit is building on previous studies and plans that led to the proposed extension of light rail to the Tacoma Dome. These studies include:

- Federal Way to Tacoma HCT Study. In 2013-2014, Sound Transit conducted a high-capacity transit (HCT) study covering the south corridor, including South King and Pierce counties. The study evaluated multiple corridors and transit modes for extending HCT from Federal Way to Tacoma.
- Regional Transit Long-Range Plan. Also in 2013 to 2014, Sound Transit updated its Long-Range Plan and prepared a SEPA EIS. The Plan confirmed regional light rail as the preferred mode for the extended corridor to Tacoma.

- Sound Transit 3 System Plan. During ST3 system planning in 2015 and 2016, Sound Transit evaluated representative projects for inclusion in the November 2016 ballot measure, which voters approved.

1.3 Draft Purpose and Need

The purpose of the Tacoma Dome Link Extension is to expand the Link light rail system from the Federal Way Transit Center to the Tacoma Dome Station area in order to:

- Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016).
- Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand.
- Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a).
- Implement a system that is technically and financially feasible to build, operate, and maintain.
- Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.
- Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies.
- Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.
- Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.

The project is needed because:

- Chronic roadway congestion on Interstate 5 (I-5) and State Route 99 (SR 99)—two primary highways connecting communities along the corridor—delays today's travelers, including those using transit, and degrades the reliability of bus service traversing the corridor, particularly during commute periods.

- These chronic, degraded conditions are expected to continue and worsen as the region's population and employment grows.
- Puget Sound Regional Council (PSRC), the regional metropolitan planning organization, and local plans call for HCT in the corridor consistent with VISION 2040 (PSRC 2009) and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a).
- South King and Pierce counties citizens and communities, including transit-dependent residents and low-income or minority populations, need long-term regional mobility and multimodal connectivity as called for in the Washington State Growth Management Act.
- Regional and local plans call for increased residential and/or employment density at and around HCT stations, and increased options for multimodal access.
- Environmental and sustainability goals of the state and region, as established in Washington state law and embodied in PSRC's VISION 2040 and 2018 Regional Transportation Plan, include reducing greenhouse gas emissions by decreasing vehicle miles traveled.

1.4 Overview of Alternatives Analysis Process

The purpose of the alternatives analysis process was to evaluate the alternatives according to the designated criteria and provide the evaluation to the public, local agencies, advisory groups including the ELG, and the Sound Transit Board to identify the preferred alternative and other alternatives to advance to the EIS. To refine the alternatives, input from the tribes, agencies, and the public was considered throughout the process. Because the resulting project will seek federal funding, the FTA's general guidance for conducting alternatives analysis was incorporated into the study process. This process included initiating the study, developing and refining alternatives and methodologies, analyzing and evaluating alternatives, and (in the future) identifying a preferred alternative, as shown on Exhibit 1-2.

Information from the regional and local plans and projects, as well as previous work from the ST3 Plan, was reviewed as part of initiating of the TDLE project, and a draft Purpose and Need of the project was developed. The draft Purpose and Need established the objectives that were used to develop the evaluation criteria and measures for the Level 1 analysis.

The next step, which was pre-screening alternatives to identify those that do not meet the Purpose and Need, helped to refine the alternatives that were analyzed in the Level 1 screening. The initial pre-screening process involved two steps: 1) considering if the alternatives being studied satisfy the Purpose and Need statement, and 2) evaluating the alternatives for consistency with the ST3 Plan, which is the basis for the proposed project.

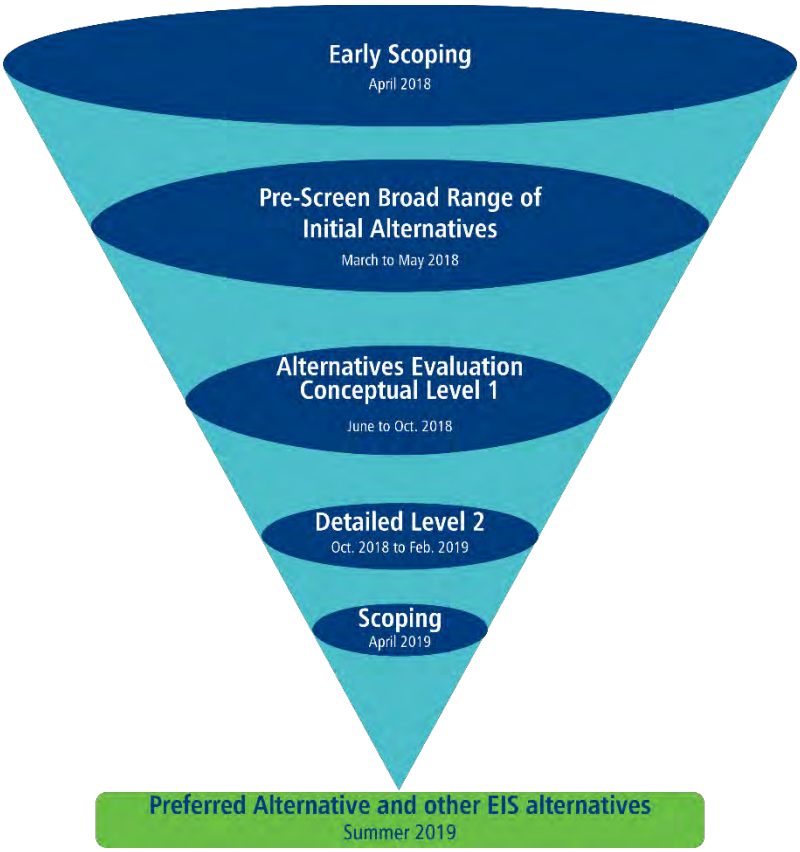

EXHIBIT 1-2
Alternatives Evaluation Process

The initial alignments and station concepts were then developed into potential alternatives for the Level 1 evaluation process. The Level 1 evaluation assessed the performance of the alternatives based on early conceptual design using evaluation measures based on the Purpose and Need. The representative project from ST3 was included in the Level 1 alternatives.

After the Level 1 evaluation and findings were reviewed by the ELG, IAG, Stakeholder Group, FTA, and the public, the ELG selected the Level 1 alternatives that were refined and advanced into the Level 2 analysis. The draft Purpose and Need also established the objectives that were used to develop the evaluation criteria and measures for the Level 2 analysis. The Level 2 evaluation applied additional, more quantitative criteria compared to the Level 1 evaluation. The Level 2 analysis, along with the results of the scoping process, were presented to the ELG and the Sound Transit Board to help them identify a preferred alternative to be evaluated in the EIS.

1.5 Organization of this Report

This report is organized into the following primary chapters:

1. Chapter 1—Introduction: This chapter introduces the alternatives evaluation phase of the TDLE, describes the background of the project, explains the alternatives evaluation process, and outlines project Purpose and Need.
2. Chapter 2—Pre-Screening and Level 1 Alternatives Evaluation: This chapter summarizes the process of the pre-screening and level 1 alternatives evaluation.
3. Chapter 3—Level 2 Evaluation Criteria: This chapter presents the evaluation criteria used to examine and compare the alternatives advanced from Level 1. These criteria relate directly to the Purpose and Need and goals and objectives of the project.
4. Chapter 4—Level 2 Alternatives: This chapter discusses the alternatives evaluated in Level 2 of the alternatives evaluation. These alternatives were selected for further study in Level 2 based on the outcomes of the pre-screening and Level 1 analysis summarized in Chapter 2.
5. Chapter 5—Level 2 Analysis: This chapter provides the analysis of how each Level 2 alternative described in Chapter 4 performs under each criterion described in Chapter 3. Analysis is organized by criteria and provides a comparison among alternatives for each criterion.
6. Chapter 6—Level 2 Summary: This chapter summarizes the key findings of each alternative related to the evaluation criteria for Level 2.
7. Chapter 7 – Scoping and Selection of the Draft EIS Alternatives: This chapter summarizes the process to select the Draft EIS alternatives following the Level 2 Evaluation and Scoping.

2 Pre-Screening and Level 1 Alternatives Evaluation

Previous work completed as part of the TDLE alternatives evaluation process consisted of several steps. These steps included an analysis of comments received during the early scoping period, development of an initial list of mode and alignment alternatives, a pre-screening of alternatives that did not meet the objectives identified in the Purpose and Need for the TDLE project, and an analysis of the Level 1 alternatives based on evaluation criteria established for the Level 1 evaluation. For more details, refer to the TDLE Pre-Screening and Level 1 Alternatives Evaluation Report (Sound Transit 2019a).

2.1 Summary of Early Scoping Process

A 30-day early scoping period was completed between April 2 and May 3, 2018 to collect input on potential alternatives to be studied as part of the TDLE. The early scoping period included three public open houses in Federal Way, Fife, and Tacoma. The public open houses provided several interactive opportunities for attendees to provide input and draw alignment and station location suggestions on a large map of the project corridor. An online open house also provided opportunities to learn about the project and provide comments. During the early scoping process, people could provide comments via an online open house survey, email, mail, or community open houses.

In addition to the public meetings, an early scoping meeting was also held in Tacoma on the afternoon of April 17, 2018, for tribes, agencies, and jurisdictions. Jurisdictional participants could learn about the project, ask questions, and provide informal comments on interactive roll plot maps of the corridor in advance of providing their formal early scoping comment letters.

Early scoping comments were received from one tribal government, 11 agencies, and over 550 written comments from members of the public. Common project-wide themes included:

- Support for the light rail system
- Concern about taxes and project costs
- Providing adequate parking at stations
- Evaluating economic tradeoffs: increased access to local and regional job opportunities and potential impacts to businesses along the route
- Interest in TOD

The Early Scoping Summary Report contains further information about the comments received during early scoping (Sound Transit 2018).

2.2 Summary of Pre-Screening Process

The initial pre-screening process involved two steps: 1) considering if the alternatives being studied satisfy the Purpose and Need statement, and 2) evaluating the alternatives for consistency with the project scope defined in the ST3 Plan, which is the basis for the proposed project.

The process to develop concepts began with reviewing previous work done in regional planning studies, including Sound Move—The Ten-Year Regional Transit System Plan (Sound Transit 1996), the Regional Transit Long-Range Plan (Sound Transit 2005), Sound Transit 2: A Mass Transit Guide—The Regional Transit System Plan for Central Puget Sound (Sound Transit 2008), Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 2016), and the Federal Way to Tacoma HCT Corridor Study (Sound Transit 2014b). Local planning studies were also reviewed. The existing transit network and plans for the Federal Way Transit Extension were also considered. In addition to the concepts developed from past studies, comments received during the early scoping period were used to identify potential alternatives.

Based on previous studies and public involvement completed for the adoption of the Long-Range Plan and the EIS, and on the results of the Federal Way to Tacoma HCT Corridor Study and related ST3 planning and outreach, the Sound Transit Board adopted light rail transit as the mode to serve the South Corridor connecting Seattle to Tacoma. Therefore, only regional light rail transit alternatives are being considered for the TDLE.

Alternatives considered during pre-screening included different alignment and station concepts. The alignment refers to the horizontal location on the ground within a corridor and the vertical elevation of the aerial guideway. The initial range of alternatives are generally located within the SR 99 or I-5 corridors as shown in Exhibit 1-1. The pre-screening of alternatives was undertaken to identify and screen out alignment and station concepts that did not warrant further consideration in the Level 1 evaluation.

A few alignment concepts outside of the SR 99 and I-5 corridors were considered in the pre-screening, such as an alignment along the Interurban Trail corridor and extending Tacoma Link west of the Tacoma Dome to East Tacoma. These concepts were not brought forward into the Level 1 evaluation because of inconsistency with the Purpose and Need, inconsistency with the ST3 Plan, circuitous routing that would add travel time to the HCT service, and environmental constraints. The SR 99 and I-5 corridors are the only practicable options to meet the project Purpose and Need to extend the HCT system between the Federal Way City Center and the Tacoma Dome station area, providing direct connections with Sounder commuter rail, Tacoma Link light rail, Greyhound, and Amtrak passenger rail, as well as the Sound Transit Express, Pierce Transit, and King County Metro bus transit systems.

Station concepts that were not brought forward into the Level 1 evaluation are shown on Exhibits 2-2, 2-3, and 2-4. These station concepts included:

- A station located to the northwest of the I-5/SR 18 interchange in the Weyerhaeuser property.
- A station located in Milton just north of 70th Avenue E between I-5 and Pacific Highway East.
- A station located in Tacoma in the SR 509 right-of-way in the Burlington Northern Santa Fe (BNSF) Railyard.
- A series of stations located in McKinley Park in Tacoma.
- A series of stations located to the west of I-705 in Tacoma.

2.3 Summary of Level 1 Alternatives Evaluation Process

The Level 1 evaluation included an analysis of the Level 1 alternatives advanced beyond pre-screening. The Level 1 alternatives were evaluated using evaluation criteria that were developed based on the preliminary Purpose and Need for the TDLE project. The Level 1 evaluation criteria are summarized in Exhibit 2-1.

EXHIBIT 2-1
Level 1 Evaluation Criteria

Evaluation Criteria	Measures
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs Purpose and Need: • Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016). • Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand. • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.	
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations
Objective: Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development Purpose and Need: • Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a). • Encourage equitable and sustainable urban growth in station areas through support of transit oriented development (TOD) and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.	

EXHIBIT 2-1
Level 1 Evaluation Criteria

Evaluation Criteria	Measures
Supports future TOD opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas
Objective: Preserve the Environment Purpose and Need: • Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.	
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act (ESA) species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax-generating properties affected L1.11: Estimated number of tribal parcels affected L1.12: Presence of known Section 4(f), park, historic, culturally significant tribal properties, or other protected areas L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste
Objective: Support Equitable Mobility Purpose and Need: • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.	
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations
Objective: Provide a Financially Sustainable and Constructible Project Purpose and Need: • Implement a system that is technically and financially feasible to build, operate, and maintain.	
Financial considerations	L1.20: Major cost elements beyond the representative project description
Constructibility and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly owned right-of-way L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk

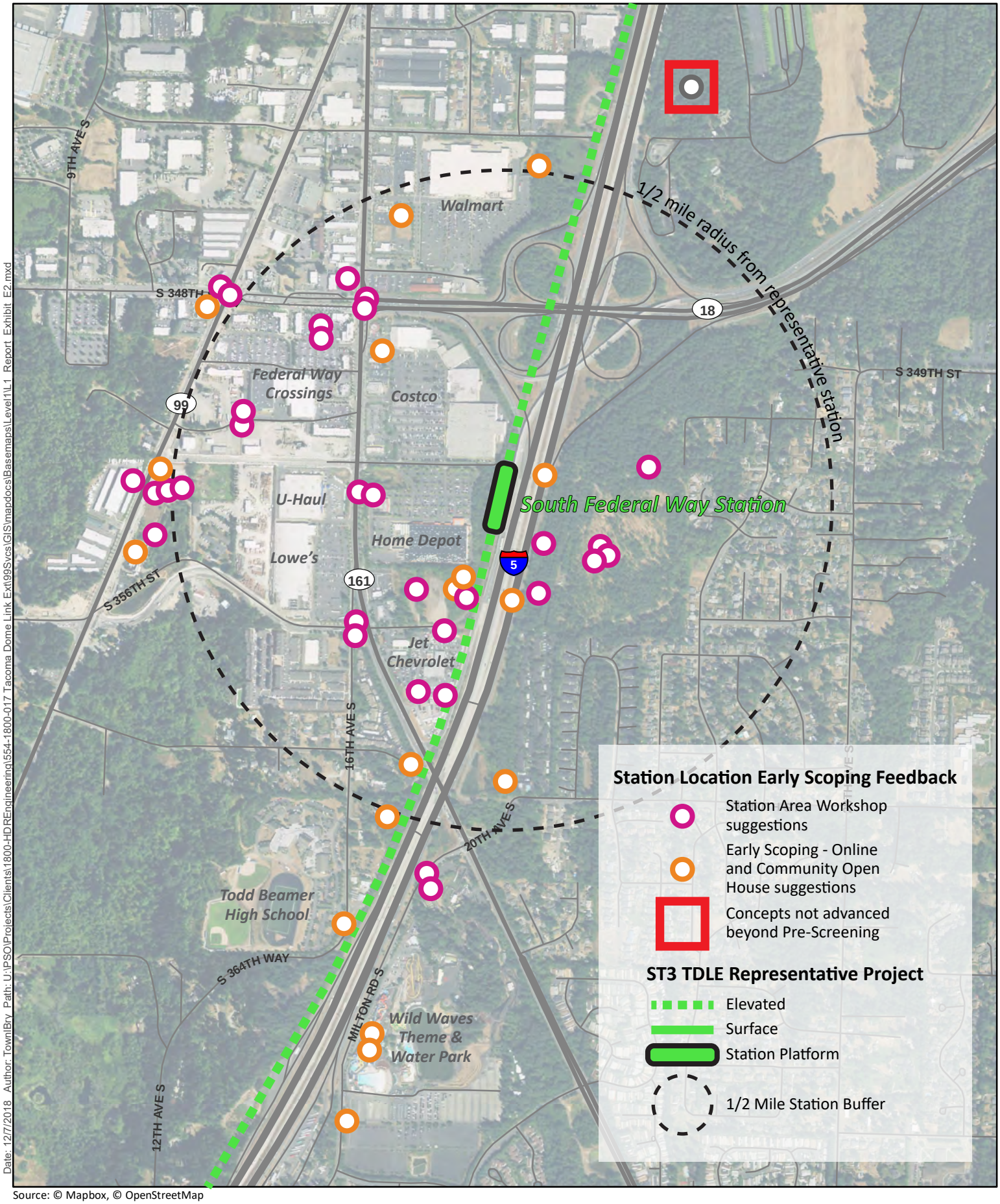

Source: © Mapbox, © OpenStreetMap

Date: 12/7/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E2.mxd

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit 2-2

TDLE Station Location Feedback

South Federal Way

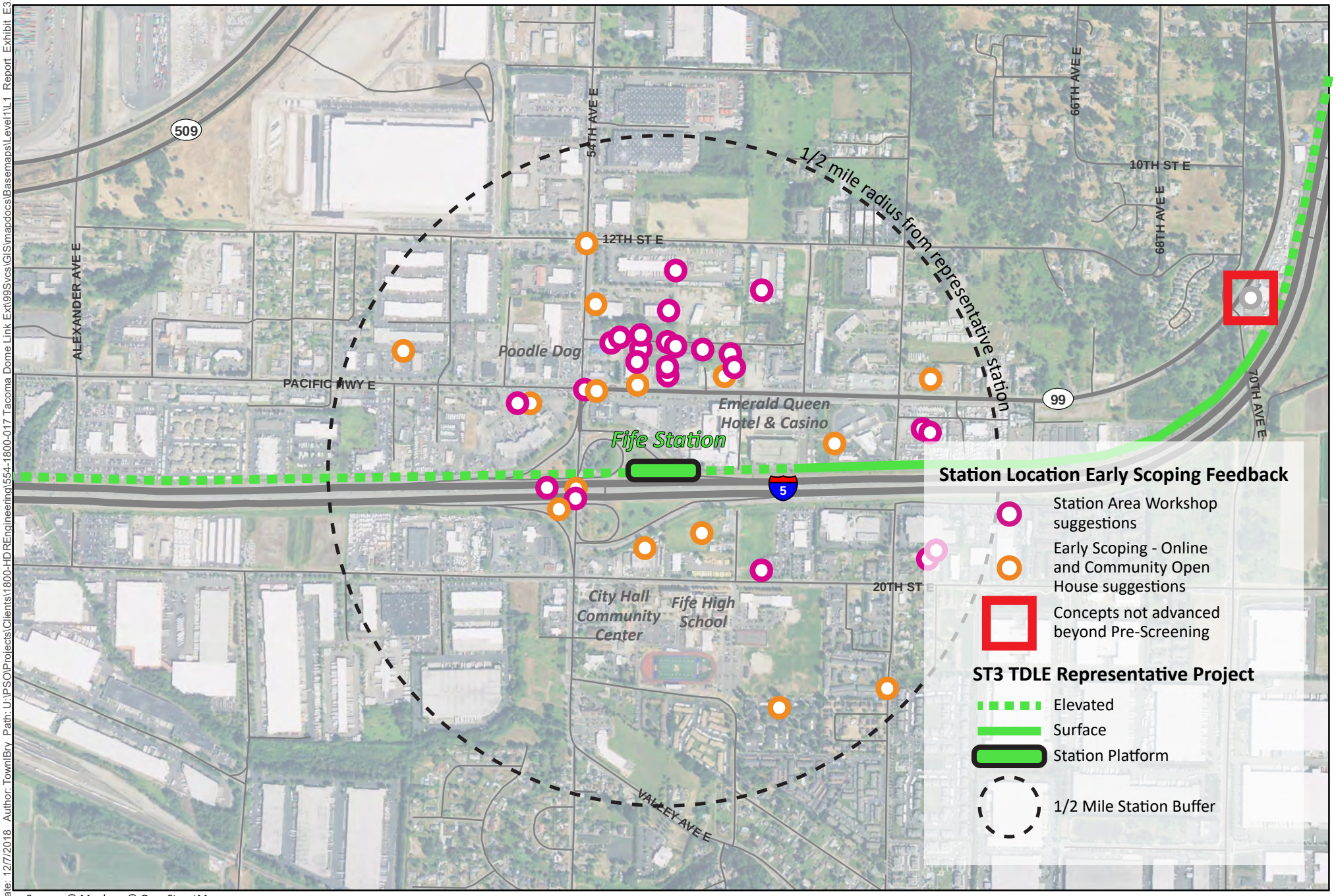

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit 2-3

TDLE Station Location Feedback

Fife

Date: 12/7/2018 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E3.mxd

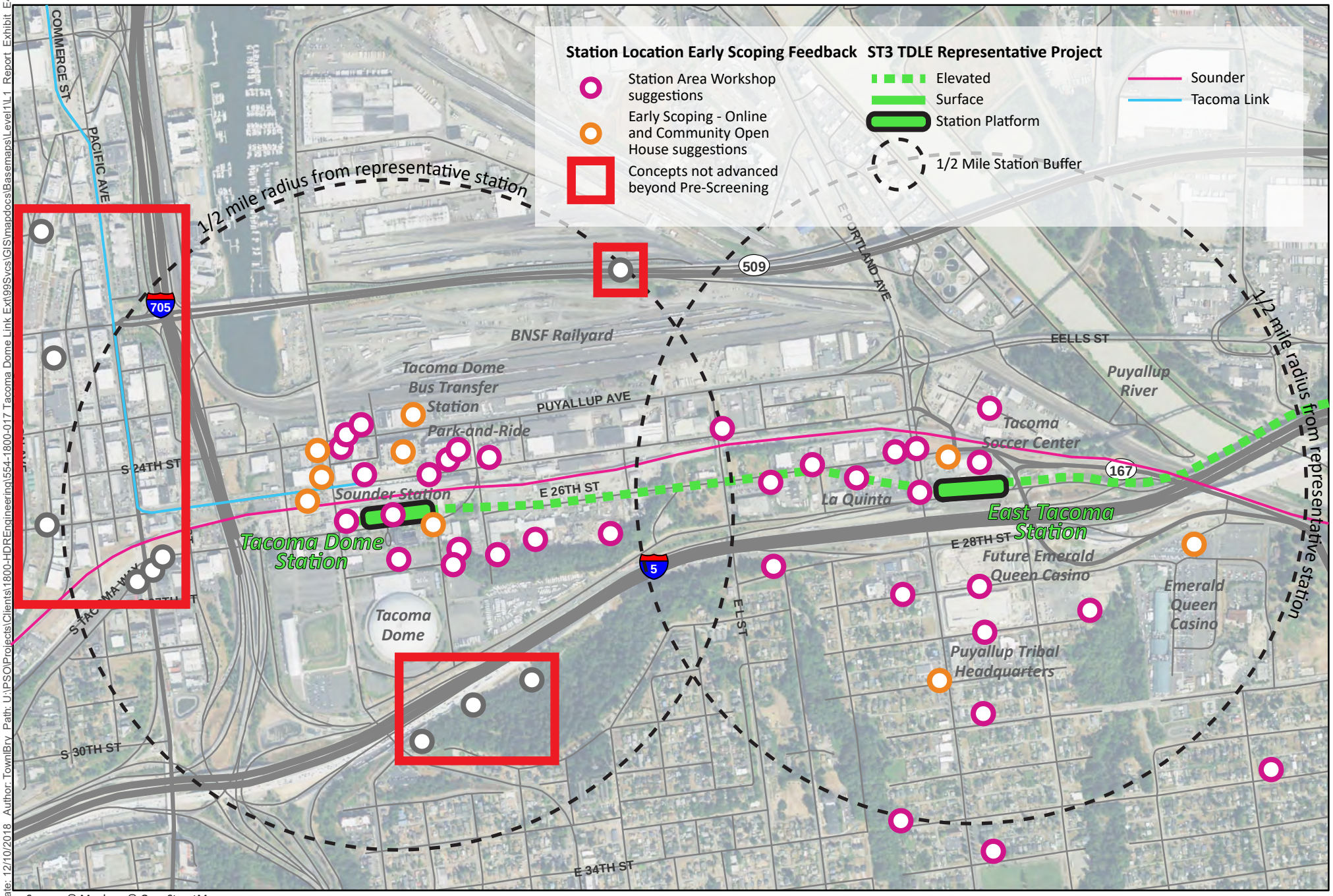

Source: © Mapbox, © OpenStreetMap

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Exhibit 2-4

TDLE Station Location Feedback
East Tacoma and Tacoma Dome

Date: 12/10/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E4.mxd

2.3.1 Alternatives Evaluated and Advanced in Level 1

A total of 51 station and alignment alternatives across the four station areas were evaluated in Level 1. The vertical profile of all TDLE alternatives was assumed to be elevated except for relatively short at-grade alignment sections in locations where elevated street crossings are not required. The initial range of alternatives is generally located within the SR 99 or I-5 corridors as shown in Exhibit 2-5.

The ELG recommended the alternatives to advance to Level 2 based on the Level 1 evaluation and input from tribes, agencies, advisory groups, and the public, which are summarized below. For more detail on the Level 1 evaluation, refer to the TDLE Pre-Screening and Level 1 Alternatives Evaluation Report (Sound Transit 2019a). The Level 1 alternatives that were advanced for further study in Level 2 are shown on Exhibit 2-6.

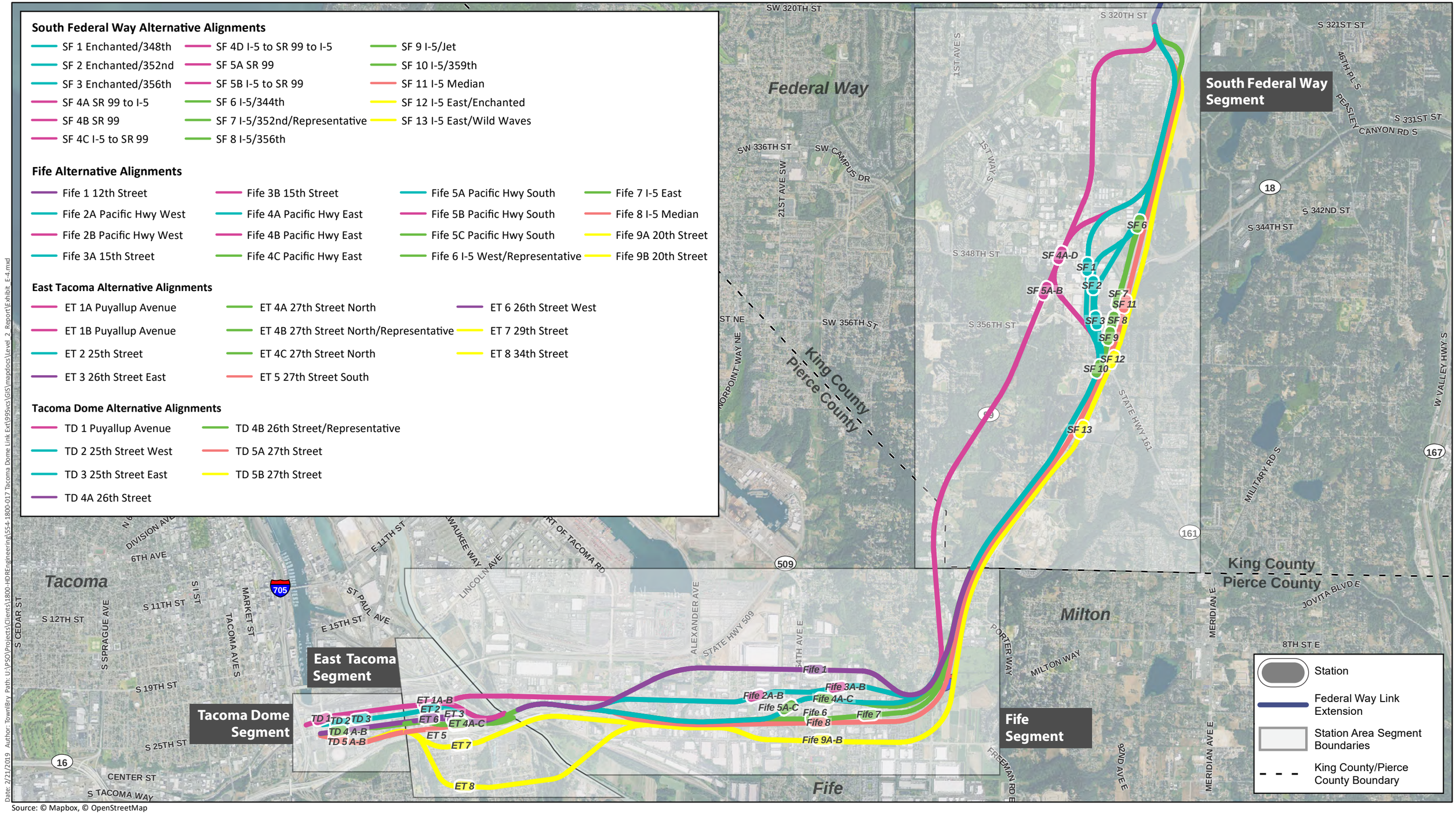

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

SOUNDTRANSIT

EXHIBIT 2-5
LEVEL 1 ALTERNATIVES
ALL STATION AREAS

TACOMA DOME LINK EXTENSION

Date: 2/21/2019 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99\vcs\GIS\mapdocs\Level_2_Report\Exhibit_E-4.mxd

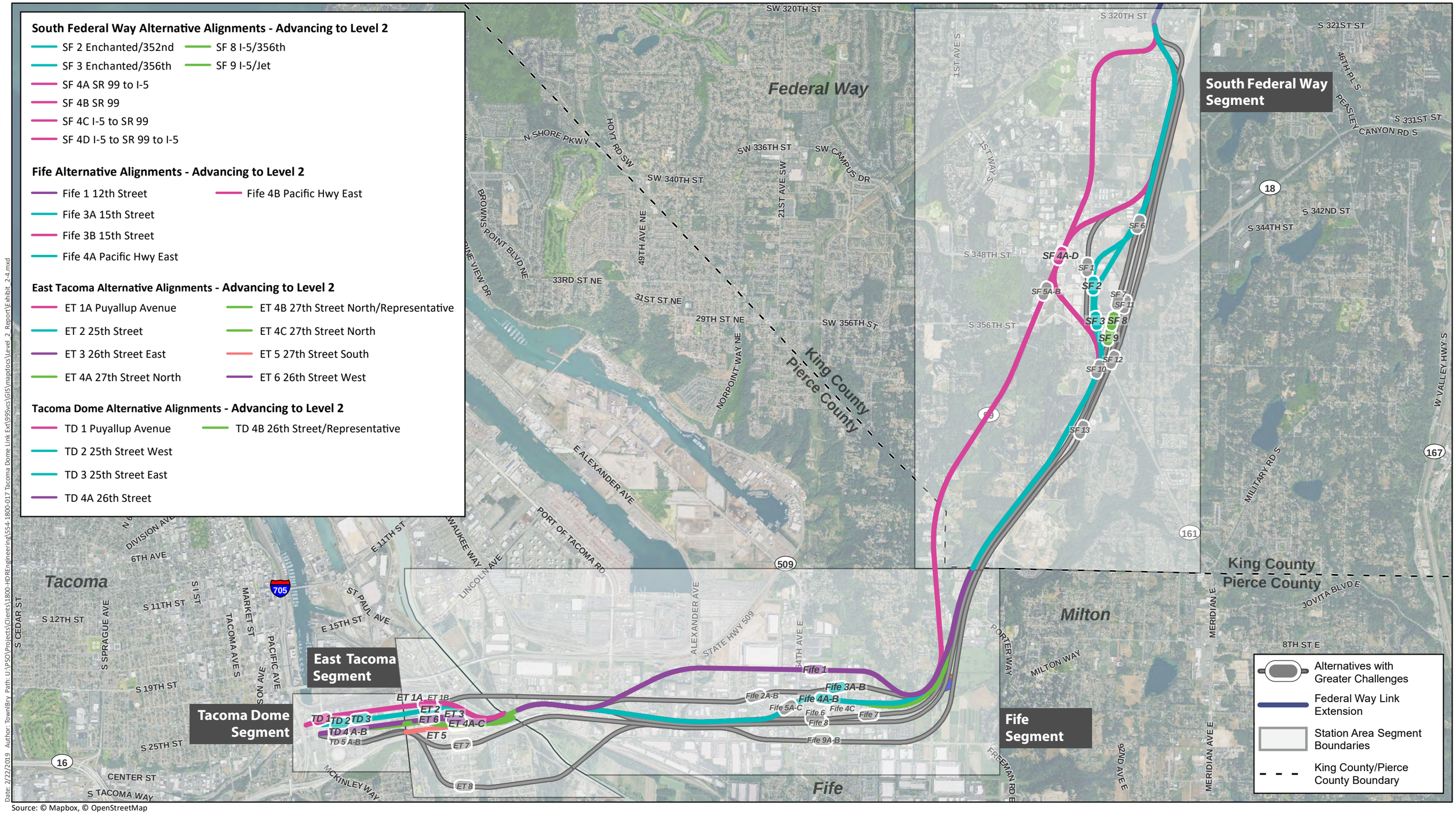

EXHIBIT 2-6
LEVEL 1 ALTERNATIVES ADVANCING TO LEVEL 2
ALL STATION AREAS

TACOMA DOME LINK EXTENSION

2.3.1.1 South Federal Way

There were 17 alternatives in South Federal Way that could generally be categorized into four alignment families (Exhibit 2-7): Enchanted Parkway, SR 99, I-5 West/Representative, and I-5 Median/I-5 East.

EXHIBIT 2-7
South Federal Way Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
Enchanted Parkway	SF 1 Enchanted/348th SF 2 Enchanted/352nd SF 3 Enchanted/356th	SF 2 Enchanted/352nd SF 3 Enchanted/356th
SR 99	SF 4A 99 North (SR 99 to I-5) SF 4B 99 North (SR 99) SF 4C 99 North (I-5 to SR 99) SF 4D 99 North (I-5 to SR 99 to I-5) SF 5A 99 South (SR 99) SF 5B 99 South (I-5 to SR 99)	SF 4A 99 North (SR 99 to I-5) SF 4B 99 North (SR 99) SF 4C 99 North (I-5 to SR 99) SF 4D 99 North (I-5 to SR 99 to I-5)
I-5 West/Representative	SF 6 I-5/344th SF 7 I-5/352nd (Representative) SF 8 I-5/356th SF 9 I-5/Jet SF 10 I-5/359th	SF 8 I-5/356th SF 9 I-5/Jet
I-5 Median/I-5 East	SF 11 I-5 Median SF 12 I-5 East/Enchanted SF 13 I-5 East/Wild Waves	None

The Level 1 alternatives considered in the South Federal Way segment are shown on Exhibit 2-8.

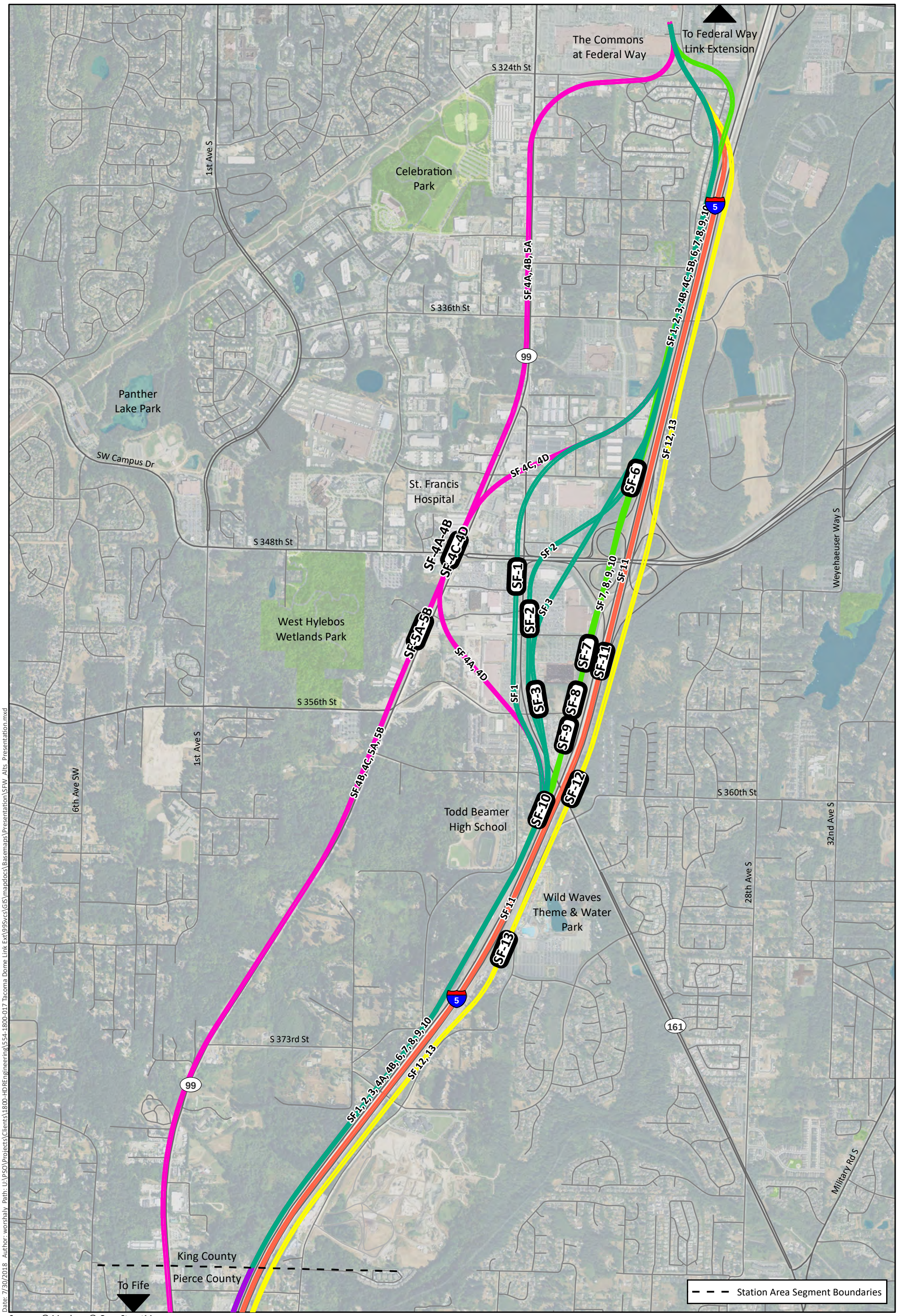

Source: © Mapbox, © OpenStreetMap

Date: 7/30/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presentation\SFW_Alts_Presentation.mxd

0 625 1,250 2,500 Feet

SOUNDTRANSIT

South Federal Way Alternative Alignments

- SF 1 Enchanted/348th
- SF 2 Enchanted/352nd
- SF 3 Enchanted/356th
- SF 4A SR 99 to I-5
- SF 4B SR 99
- SF 4C I-5 to SR 99
- SF 4D I-5 to SR 99 to I-5
- SF 5A SR 99
- SF 5B I-5 to SR 99
- SF 6 I-5/344th
- SF 7 I-5/352nd/Representative
- SF 8 I-5/356th
- SF 9 I-5/Jet
- SF 10 I-5/359th
- SF 11 I-5 Median
- SF 12 I-5 East/Enchanted
- SF 13 I-5 East/Wild Waves

Exhibit 2-8

Level 1 Alternatives - South Federal Way

2.3.1.2 Fife

There were 16 alternatives in Fife that could generally be categorized into five alignment families (Exhibit 2-9): I-5 West to 12th Street, Pacific Highway/15th Street, Pacific Highway East/South, I-5 West/Representative, and I-5 Median/I-5 South.

EXHIBIT 2-9
Fife Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
I-5 West to 12th Street	Fife 1 12th Street	Fife 1 12th Street
Pacific Highway/15th Street	Fife 2A Pacific Highway West Fife 2B Pacific Highway West Fife 3A 15th Street Fife 3B 15th Street	Fife 3A 15th Street Fife 3B 15th Street
Pacific Highway East/South	Fife 4A Pacific Highway East Fife 4B Pacific Highway East Fife 4C Pacific Highway East Fife 5A Pacific Highway South Fife 5B Pacific Highway South Fife 5C Pacific Highway South	Fife 4A Pacific Highway East Fife 4B Pacific Highway East Fife 4C Pacific Highway East
I-5 West/Representative	Fife 6 I-5 West Fife 7 I-5 West (Representative)	None
I-5 Median/I-5 South	Fife 8 I-5 Median Fife 9A 20th Street Fife 9B 20th Street	None

The Level 1 alternatives considered in the Fife segment are shown on Exhibit 2-10.

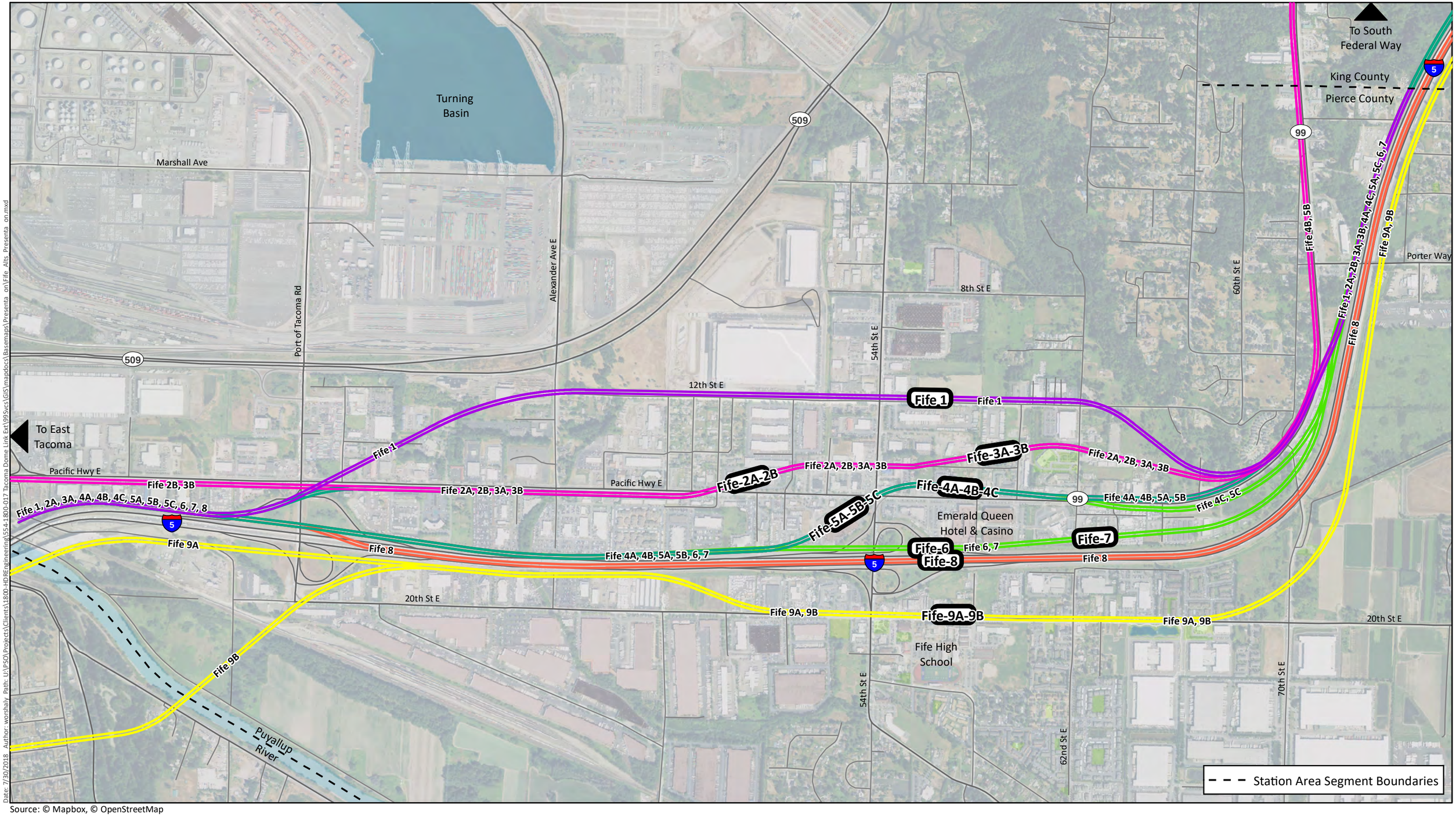

Source: © Mapbox, © OpenStreetMap

Date: 7/30/2018 Author: worshaly Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Presenta on\Fife Alts Presenta on.mxd

0 500 1,000 2,000 Feet

SOUNDTRANSIT

Fife Alternative Alignments

- Fife 1 12th Street
- Fife 2A Pacific Hwy West
- Fife 2B Pacific Hwy West
- Fife 3A 15th Street
- Fife 3B 15th Street
- Fife 4A Pacific Hwy East
- Fife 4B Pacific Hwy East
- Fife 4C Pacific Hwy East
- Fife 5A Pacific Hwy South
- Fife 5B Pacific Hwy South
- Fife 5C Pacific Hwy South
- Fife 6 I-5 West/Representative
- Fife 7 I-5 East
- Fife 8 I-5 Median
- Fife 9A 20th Street
- Fife 9B 20th Street

Exhibit 2-10

Level 1 Alternatives - Fife

2.3.1.3 East Tacoma

There were 11 alternatives in East Tacoma that could generally be categorized into four alignment families (Exhibit 2-11): Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street.

EXHIBIT 2-11
East Tacoma Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
Puyallup Avenue	ET 1A Puyallup Avenue (I-5 West to Puyallup) ET 1B Puyallup Avenue (SR 99 to Puyallup)	ET 1A Puyallup Avenue (I-5 West to Puyallup)
East 25th Street	ET 2 25th Street	ET 2 25th Street
East 26th Street/Representative	ET 3 26th Street – East ET 4A 27th Street – North ET 4B 27th Street – North (Representative) ET 4C 27th Street – North ET 6 26th Street – West	ET 3 26th Street – East ET 4A 27th Street – North ET 4B 27th Street – North (Representative) ET 4C 27th Street – North ET 6 26th Street – West
East 26th/27th Street	ET 5 27th Street – South ET 7 29th Street ET 8 34th Street	ET 5 27th Street – South

The Level 1 alternatives considered in the East Tacoma segment are shown on Exhibit 2-12.

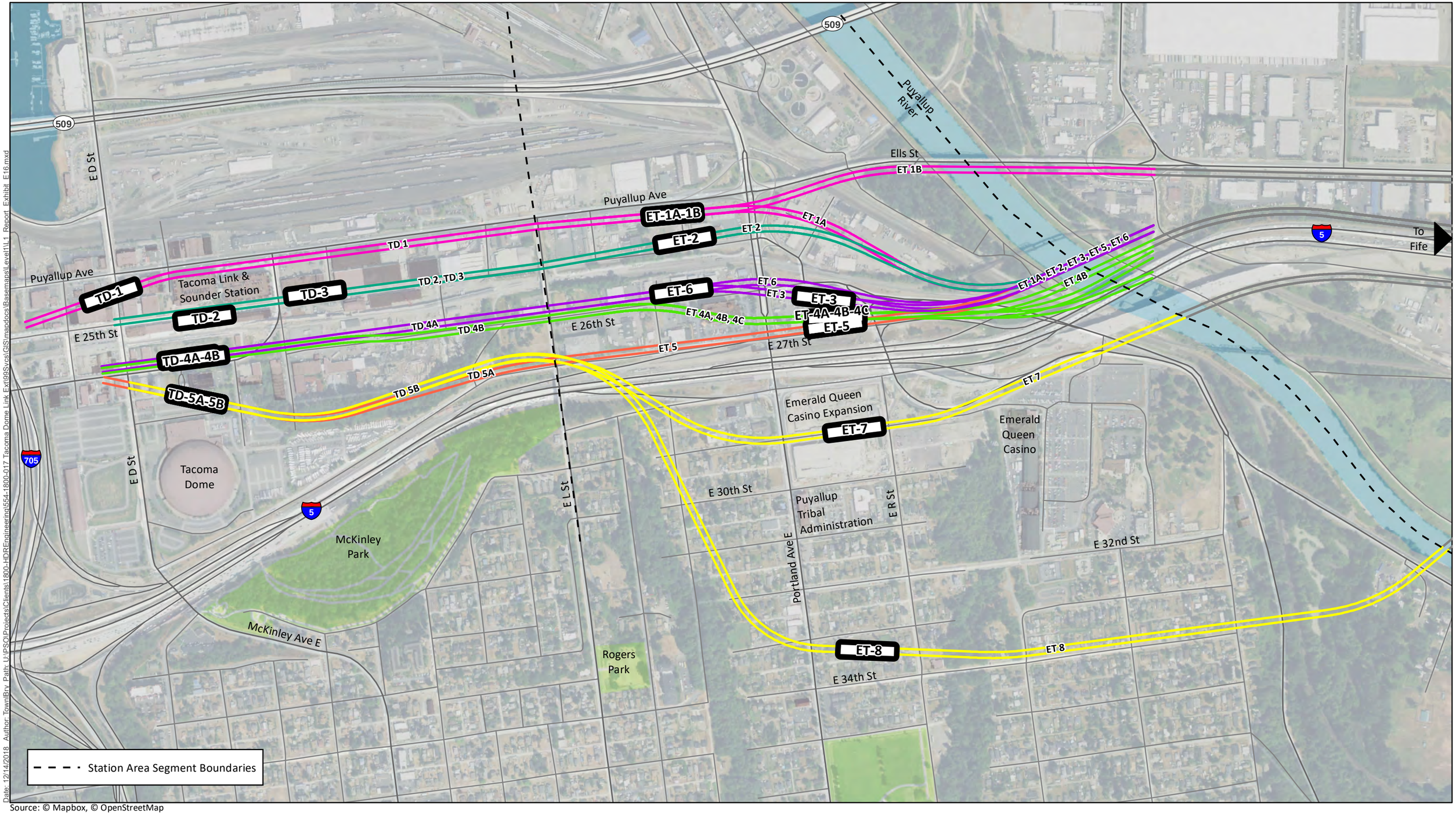

Source: © Mapbox, © OpenStreetMap

0 250 500 1,000 Feet

SOUNDTRANSIT

Tacoma Dome Alternative Alignments

- TD 1 Puyallup Avenue
- TD 2 25th Street West
- TD 3 25th Street East
- TD 4A 26th Street
- TD 4B 26th Street/Representative
- TD 5A 27th Street
- TD 5B 27th Street

East Tacoma Alternative Alignments

- ET 1A Puyallup Avenue
- ET 1B Puyallup Avenue
- ET 2 25th Street
- ET 3 26th Street East
- ET 4A 27th Street North
- ET 4B 27th Street North/Representative
- ET 4C 27th Street North
- ET 5 27th Street South
- ET 6 26th Street West
- ET 7 29th Street
- ET 8 34th Street

Exhibit 2-12

Level 1 Alternatives - East Tacoma and Tacoma Dome

Date: 12/14/2018 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\5554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Basemaps\Level1\L1 Report Exhibit E16.mxd

2.3.1.4 Tacoma Dome

There were seven alternatives at the Tacoma Dome that could generally be categorized into four alignment families (Exhibit 2-13): Puyallup Avenue, East 25th Street, East 26th Street/Representative, and East 26th/27th Street.

EXHIBIT 2-13
Tacoma Dome Level 1 Alternatives

Alignment Family	Level 1 Alternatives	Level 1 Alternatives Advanced to Level 2
Puyallup Avenue	TD 1 Puyallup Avenue	TD 1 Puyallup Avenue
East 25th Street	TD 2 25th Street – East TD 3 25th Street – West	TD 2 25th Street – East TD 3 25th Street – West
East 26th Street/Representative	TD 4A 26th Street TD 4B 26th Street (Representative)	TD 4A 26th Street TD 4B 26th Street (Representative)
East 26th/27th Street	TD 5A 27th Street TD 5B 27th Street	None

The Level 1 alternatives considered in the Tacoma Dome segment are shown on Exhibit 2-12.

3 Level 2 Evaluation Criteria

The criteria used to evaluate the Level 2 alternatives originated from the objectives developed from the project's Purpose and Need, described in Chapter 1. These objectives are to:

- Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs;
- Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development;
- Preserve the Environment;
- Support Equitable Mobility; and
- Provide a Financially Sustainable and Constructible Project.

Exhibit 3-1 presents the evaluation criteria established for the Level 2 evaluation. It shows how each relates to Level 1 measures and the objectives with which they correspond. Each criterion has one or more quantitative or qualitative measures that are listed below and further described later in this chapter. They are intended to differentiate between alternatives in terms of project performance and potential effects. For the Level 2 evaluation, additional measures that provide more detail compared to the Level 1 evaluation were developed.

EXHIBIT 3-1
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs Purpose and Need: • Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016). • Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand. • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.		
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations	L2.1: Travel time L2.2: Daily and annual projected project ridership (2042) L2.3: Projected station boardings L2.4: Proximity to Puget Sound Regional Council (PSRC) growth centers and manufacturing/industrial centers L2.5: Population (persons/acre) and job (jobs/acre) densities

EXHIBIT 3-1
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Objective: Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development Purpose and Need: • Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a). • Encourage equitable and sustainable urban growth in station areas through support of transit oriented development (TOD) and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.		
Supports future TOD opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature	L2.6: Consistency with civic and community planning and land use, evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans L2.7: Likelihood of station area redevelopment into TOD neighborhood L2.8: Detailed evaluation of nonmotorized barriers within a ½-mile of the station L2.9: Presence of amenities that can catalyze development of TOD neighborhoods
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas	L2.10: Proximity to existing transit service and level of transit service diversion required L2.11: Ease of vehicular pick-up/drop-off for a variety of users L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations
Objective: Preserve the Environment Purpose and Need: • Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.		
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act (ESA) species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)	L2.14: Potential effects on wetlands L2.15: Potential effects on streams/stream crossings L2.16: Potential to affect protected species and habitats L2.17: Potential effects on vegetated areas L2.18: Potential effects on floodplains L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)

EXHIBIT 3-1
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax-generating properties affected L1.11: Estimated number of tribal parcels affected L1.12: Presence of known Section 4(f), park, historic, culturally significant tribal properties, or other protected areas L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste	L2.20: Estimated number of affected parcels and total acreage by property type L2.21: Estimated number of affected parcels with major economic activity generators L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating L2.23: Estimated number of tribal parcels potentially affected L2.24: Potential effects on Section 4(f) parks and recreational resources L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places (NRHP) L2.26: Potential effects on Section 4(f) cultural and archaeological resources L2.27: Potential effects on viewsheds along the alignment and potential for impacts to view-dependent businesses L2.28: Potential effects on sensitive noise and vibration receptors L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network L2.30: Potential effects on freight movement L2.31: Potential avoidance of hazardous waste L2.32: Potential effects on parking demand and supply
Objective: Support Equitable Mobility Purpose and Need: • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.		
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations	L2.33: Potential benefits to low-income or minority populations L2.34: Potential for impacts on low-income and/or minority populations
Objective: Provide a Financially Sustainable and Constructible Project Purpose and Need: • Implement a system that is technically and financially feasible to build, operate, and maintain.		
Financial considerations	L1.20: Major cost elements beyond the representative project description	L2.35: Preliminary conceptual estimate* L2.36: Operating estimate

EXHIBIT 3-1
Level 1 and 2 Evaluation Criteria

Evaluation Criteria	Level 1 Measures	Level 2 Measures
Constructibility and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly owned right-of-way L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan	L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects) L2.40: Availability and potential to use publicly owned right-of-way and publicly owned property L2.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk	L2.43: Overall schedule risk

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

3.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

The criterion used to evaluate this objective was ridership potential. This criterion was evaluated using the five measures described below.

3.1.1 Ridership Potential

Ridership potential was quantitatively and qualitatively assessed; Exhibit 3-2 summarizes the methodology used for each measure.

EXHIBIT 3-2
Methodology for Assessing Ridership Potential

Evaluation Measure	Methodology
L2.1: Travel time	Estimated travel times based on alignment length and percent of alignment with horizontal speeds below 55 miles per hour (mph).
L2.2: Daily projected project ridership (2042)	Average daily projected riders (baseline estimate will be provided for each TDLE station area, with qualitative differences noted for station/alignment alternatives).
L2.3: Projected station boardings	Projected station boardings (baseline estimate will be provided for each TDLE station area, with qualitative differences noted for station/alignment alternatives).
L2.4: Proximity to PSRC growth centers and manufacturing/industrial centers	Percent of PSRC growth center and/or manufacturing/industrial center land area within 10-minute walkshed of stations.
L2.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future population and employment densities within a 10-minute walkshed of stations (reflecting PSRC Land Use Vision Dataset)

3.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

The two criteria used to evaluate this objective were 1) Supports Future Transit Oriented Development Opportunities, and 2) Promotes Multimodal Access and Integration. The criteria were evaluated using the eight measures described below.

3.2.1 Supports Future Transit Oriented Development Opportunities

Support of future TOD opportunities was quantitatively and qualitatively assessed; Exhibit 3-3 summarizes the methodology used for each measure.

EXHIBIT 3-3
Methodology for Assessing Future TOD Opportunities

Evaluation Measure	Methodology
L2.6: Consistency with civic and community planning and land use, evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans, rating each plan as “consistent with TOD around alternative location” (+), “neutral”, or “inconsistent with TOD around alternative location” (-).
L2.7: Likelihood of station area redevelopment into TOD neighborhood	Assessment of the degree to which the station area has land available to support development into a TOD neighborhood, as measured by the amount of land within a ¼-mile walkshed of each station that has a relatively greater likelihood to redevelop into transit-supportive uses. Land in the walkshed will be classified as follows: (a) Not available for development, e.g., water, roadways, (b) tribal land, (c) Less likely to redevelop (industrial or equivalent zoning, low-density residential at less than 5 units/acre), and (d) Greater likelihood to redevelop zoning that currently allows residential or a mix of uses, including residential (TOD-supportive or has potential to evolve to TOD- supportive uses)]. Higher scores will be associated with a larger amount of land in category (d). If the amount of type (d) land for all station options is low, then type (c) may also be considered to make a distinction between alternatives.
L2.8: Detailed evaluation of nonmotorized barriers within a ½-mile of the station	Assessment of barriers within a half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways). This analysis will consider detailed information available on guideway locations, conceptual station designs, station locations and entrances, and connectivity to surrounding streets. This may influence the ability to overcome barriers for non-motorized or ADA access, such as topography or wide roads.
L2.9: Presence of amenities that can catalyze development of transit oriented neighborhoods	Assessment of amenities that can catalyze complete transit oriented neighborhoods in the station area. Amenities include housing options, public schools, public open spaces and recreational facilities, civic amenities, views, stores, and other commercial services such as (grocery stores, department stores, restaurants, hardware stores, drug stores, dry cleaners/laundry, pet supply/pet care, apparel or sporting goods stores and after school programs). This analysis will consider detailed information available on guideway locations, conceptual station designs, and station locations, which in turn influences what amenities are likely to be preserved, enhanced or disrupted.

3.2.2 Promotes Multimodal Access and Integration

Promoting multimodal access and integration was quantitatively and qualitatively assessed; Exhibit 3-4 summarizes the methodology used for each measure.

EXHIBIT 3-4
Methodology for Assessing Multimodal Access and Integration

Evaluation Measure	Methodology
L2.10: Proximity to existing transit service and level of transit service diversion required	Distance to nearest existing bus stop (served by routes with at least 30-minute headways during the peak) and rail platform from station (Tacoma Dome station location only), measuring the level of diversion that could be required.
L2.11: Ease of vehicular pick-up/drop-off for a variety of users	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion.
L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenways, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed of stations.
L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations.

3.3 Preserve the Environment

The criteria used to evaluate this objective are Effects on the Natural Environment and Effects on the Built Environment. The criteria were evaluated using the 19 measures described below.

3.3.1 Effects on the Natural Environment

Effects on the natural environment were quantitatively assessed; Exhibit 3-5 summarizes the methodology used for each measure.

EXHIBIT 3-5
Methodology Assessing the Effects on the Natural Environment

Evaluation Measure	Methodology
L2.14: Potential effects to wetlands	Extent of impacts to wetlands within a 100-foot-buffer of each alternative.
L2.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within a 100-foot-buffer of each alternative.
L2.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from Washington Department of Fish and Wildlife (WDFW), within a 100-foot buffer of each alternative.
L2.17: Potential effects to vegetated areas	Estimated area of vegetation removal.
L2.18: Potential effects to floodplains	Number of impacts to or floodplains/floodways (additive) within a 100-foot buffer of each alternative.
L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	Number of geologic hazard areas (such as steep slopes, erosion, or landslide hazard areas) within a 100-foot buffer of each alternative.

3.3.2 Effects on the Built Environment

Effects on the built environment were qualitatively and quantitatively assessed; Exhibit 3-6 summarizes the methodology used for each measure.

EXHIBIT 3-6
Methodology for Assessing Effects on the Built Environment

Evaluation Measure	Methodology
L2.20: Estimated number of affected parcels and total acreage by property type	Assessment of potential property impacts from alignment and station and general estimate of acreage of land converted from other land uses to a transportation use.
L2.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts from alignment and station that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls).
L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Number of potential property impacts from alignment and station by property type; range may vary by segment due to length of alignment.
L2.23: Estimated number of tribal parcels potentially affected	Number of tribal-owned parcels affected by each alternative.
L2.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within a 100-foot buffer of each alternative.
L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places (NRHP)	Number of impacts to Section 4(f) resources and properties listed in or eligible for the NRHP within a 100-foot buffer of each alternative.
L2.26: Potential effects on Section 4(f) cultural and archaeological resources	Number of potential impacts and probability to encounter Section 4(f) cultural and/or archaeological resources within a 100-foot-buffer of each alternative.
L2.27: Potential effects on viewsheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses.
L2.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within a 350-foot-buffer of each alternative; sensitive receptors include residences and “others” (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.).
L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service (LOS), and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted.
L2.30: Potential effects on freight movement	Assessment of impacts to LOS on freight corridors.
L2.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative.
L2.32: Potential effects on parking demand and supply	Assessment of impacts on parking supply (review of impacts to parcels with parking).

3.4 Support Equitable Mobility

The criterion used to develop this objective was Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations. The criterion was evaluated using the two measures described below.

3.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Equitable transit service was quantitatively and qualitatively; Exhibit 3-7 summarizes the methodology used for each measure.

EXHIBIT 3-7
Methodology for Assessing Equitable Transit Service

Evaluation Measure	Methodology
L2.33: Potential benefits to low-income or minority populations	Assessment of how well stations serve low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, and population younger than 18 and older than 65) compared to baseline. The baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves.
L2.34: Potential for impacts on low-income and/or minority populations	This measure compares the potential for residential and business displacements, visual, noise, and construction impacts with the presence of environmental justice populations (minority and low-income) along the corridor segment. If there is a higher number of displacements estimated, in addition to higher than baseline environmental justice populations, that would result in higher potential impacts. If there is a lower number of displacements estimated, in addition to lower than baseline environmental justice populations, that would result in lower potential impacts. A scoring matrix was built around these two end-points to determine the rating.

Due to the limited information available at this phase of analysis, not all low-income and/or minority residential areas and businesses may be captured. In addition, overall estimates of low-income and/or minority populations may be subject to margins of error and will be analyzed further in later phases.

3.5 Provide a Financially Sustainable and Constructible Project

The criteria used to evaluate this objective are Financial Considerations, Constructibility and Engineering Considerations, Operational Considerations, and Schedule Considerations. The criteria were evaluated using the nine measures described below.

3.5.1 Financial Considerations

Financial considerations were quantitatively assessed; Exhibit 3-8 summarizes the methodology used for each measure.

EXHIBIT 3-8
Methodology for Assessing Financial Considerations

Evaluation Measure	Methodology
L2.35: Preliminary conceptual estimate*	Assessment of major cost elements compared to ST3 representative project and preliminary conceptual estimate based on conceptual design quantities and current Sound Transit unit pricing.
L2.36: Operating estimate	Assessment of potential magnitude of operations and maintenance estimates based on travel time.

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

3.5.2 Constructibility and Engineering Considerations

Constructibility and engineering considerations were quantitatively and qualitatively assessed; Exhibit 3-9 summarizes the methodology used for each measure.

EXHIBIT 3-9
Methodology for Assessing Constructibility and Engineering Considerations

Evaluation Measure	Methodology
L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g., power lines, transportation infrastructure).
L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative.
L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to the community, including the potential for transportation, noise, vibration, and visual effects that could disrupt the community.
L2.40: Availability and potential to use publicly owned right-of-way and publicly owned property	Amount of publicly owned right-of-way and publicly owned property (individual parcels in public ownership) available per conceptual design of an alignment.
L2.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the Sound Transit Long-Range Plan.

3.5.3 Operational Considerations

Operational considerations were qualitatively assessed; Exhibit 3-10 summarizes the methodology used for each measure.

EXHIBIT 3-10
Methodology for Assessing Operational Considerations

Evaluation Measure	Methodology
L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way station areas, number of at-grade crossings, if any).

3.5.4 Schedule Considerations

Schedule considerations were qualitatively assessed; Exhibit 3-11 summarizes the methodology used for each measure.

EXHIBIT 3-11
Methodology for Assessing Schedule Considerations

Evaluation Measure	Methodology
L2.43: Overall schedule risk	Consideration of potential risks to project schedule (i.e., potential to increase schedule).

4 Level 2 Alternatives

This chapter describes the alternatives analyzed in the Level 2 evaluation of the TDLE project. Many of the alternatives evaluated in Level 2 were identified as higher performing during the Level 1 evaluation and advanced for further analysis in Level 2 by the ELG. Alternatives advanced from Level 1 were refined between the Level 1 and Level 2 evaluation processes. There were also some "hybrid" alternatives developed to capture the best-performing parts of other alternatives or to reduce potential impacts from alternatives. In some instances, alternatives were renamed for clarity in the Level 2 evaluation. Also, there were several variations on Level 1 alternatives developed and included in the Level 2 evaluation. Each alternative is also supported by early conceptual station plans, which were refined using feedback from the Station Area Workshop #2.

A total of 27 station and alignment alternatives across the South Federal Way, Fife, East Tacoma, and Tacoma Dome station areas were evaluated in Level 2, shown on Exhibit 4-1.

4.1 South Federal Way

There are nine alternatives in South Federal Way that can generally be categorized into three alignment families: Enchanted Parkway, SR 99, and I-5 West, as shown on Exhibit 4-2. All of the South Federal Way alternatives include a parking facility at the station.

4.1.1 Enchanted Parkway

The Enchanted Parkway alternatives include SF 2 West Enchanted/352nd (variation of SF 2 in Level 1), SF 2 East Enchanted/352nd (SF 2 in Level 1), and SF 3 Enchanted/356th.

SF 2 West Enchanted/352nd; SF 2 East Enchanted/352nd

Both SF 2 alternatives travel south-southeast from the terminus of the FWLE to align along the west side of I-5 until South 344th Street, where the alignments begin to travel southwest towards 16th Avenue South/Enchanted Parkway South. SF 2 West travels along the west side of Enchanted Parkway South until I-5, where the alignment continues south along the west side of I-5. SF 2 East travels along the east side of Enchanted Parkway South until I-5, where the alignment continues along the west side of I-5 through the South Federal Way segment. The SF 2 West station is located on the northwest corner of the intersection at Enchanted Parkway South and South 352nd Street, while the SF 2 East station is located on the east side of Enchanted Parkway South, straddling South 352nd Street.

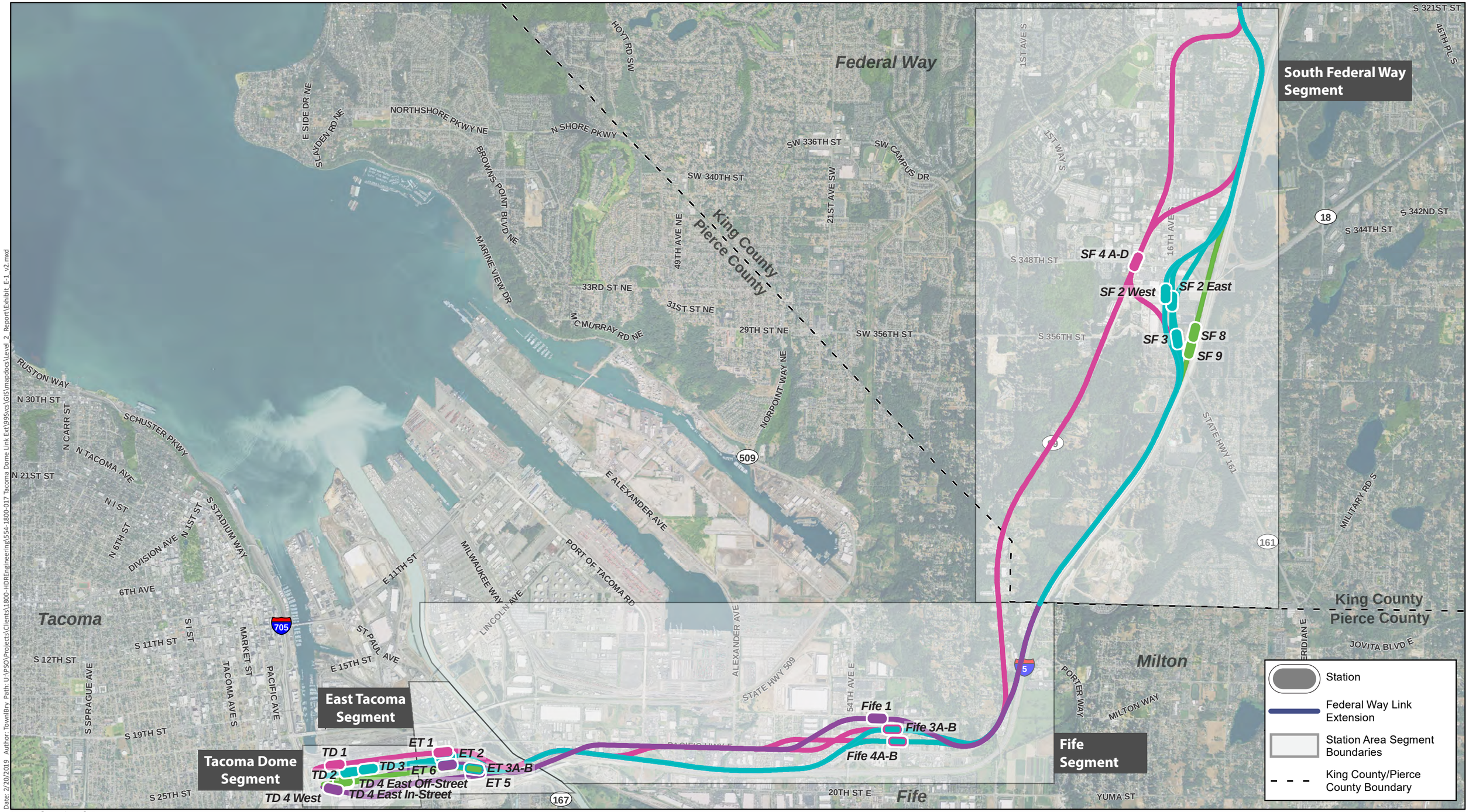

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

SOUNDTRANSIT

EXHIBIT 4-1
LEVEL 2 ALTERNATIVES
ALL STATION AREAS

TACOMA DOME LINK EXTENSION

Date: 2/20/2019 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\995vcs\GIS\mapdocs\Level_2_Report\Exhibit_E-1_v2.mxd

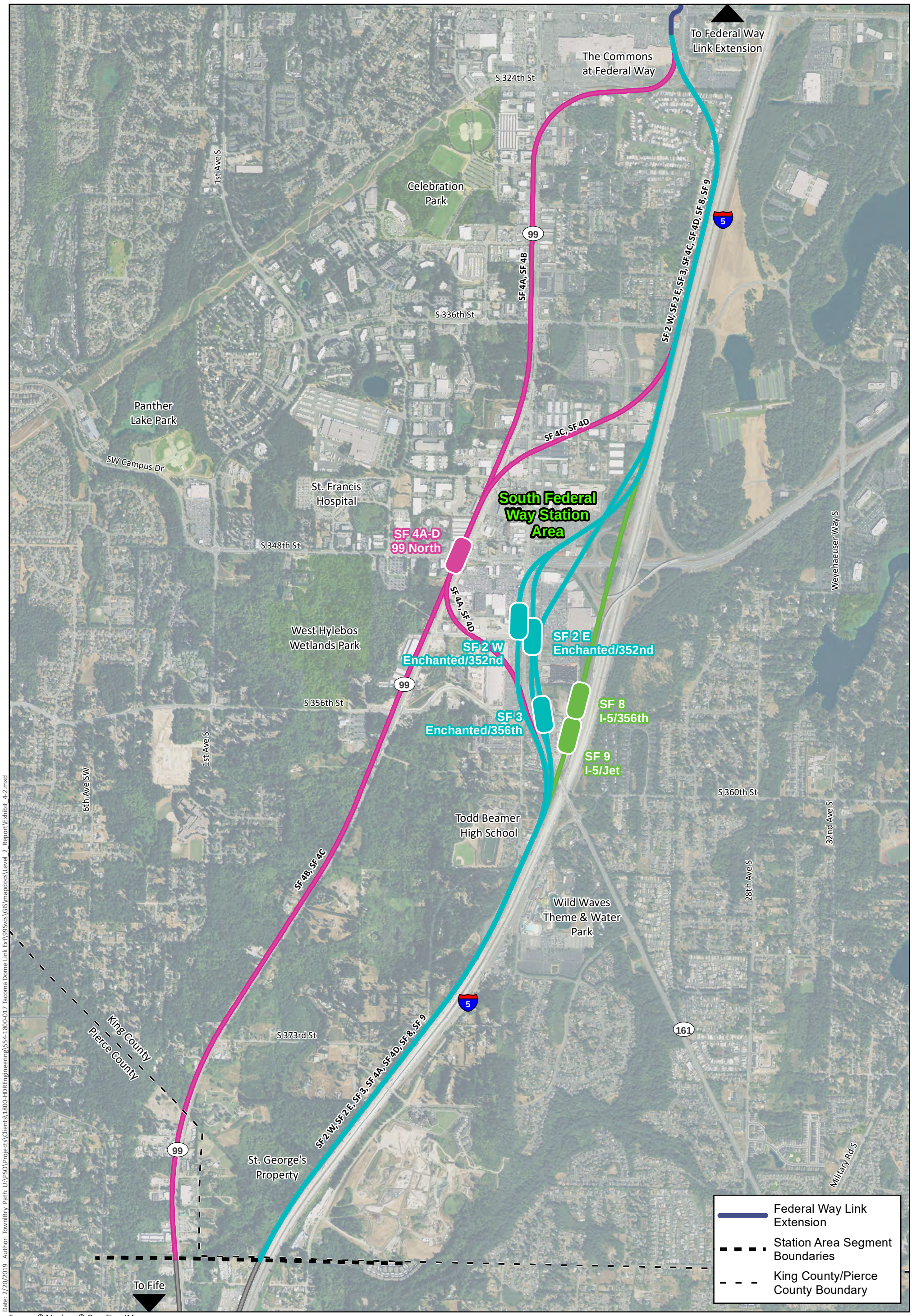

Source: © Mapbox, © OpenStreetMap

Date: 2/20/2019 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Level_2_Report\Exhibit_4-2.mxd

0 625 1,250 2,500 Feet

South Federal Way Alternatives

Enchanted Parkway Alignment Family
- SF 2 East: Enchanted/S 352nd Street
- SF 2 West: Enchanted/S 352nd Street
- SF 3: Enchanted/S 356th Street

SR 99 Alignment Family
- SF 4A: 99 North (SR 99 to I-5)
- SF 4B: 99 North (SR 99)
- SF 4C: 99 North (I-5 to SR 99)
- SF 4D: 99 North (I-5 to SR 99 to I-5)

I-5 West Alignment Family
- SF 8: I-5/S 356th Street
- SF 9: I-5/Jet

SOUNDTRANSIT

EXHIBIT 4-2
LEVEL 2 ALTERNATIVES
SOUTH FEDERAL WAY

TACOMA DOME LINK EXTENSION

SF 3 Enchanted/352nd

SF 3 travels south-southeast from the terminus of the FWLE to align along the west side of I-5 until just north of South 344th Street, where the alignment begins to travel southwest towards 16th Avenue South/Enchanted Parkway South. SF 3 then continues to travel along the east side of Enchanted Parkway South until I-5, where the alignment continues along the west side of I-5 through South Federal Way. The station is located on the east side of Enchanted Parkway South, straddling South 356th Street.

4.1.2 SR 99

The SR 99 alternatives include SF 4A 99 North (SR 99 to I-5), SF 4B 99 North (SR 99), SF 4C 99 North (I-5 to SR 99), and SF 4D 99 North (I-5 to SR 99 to I-5).

SF 4A 99 North (SR 99 to I-5)

SF 4A travels southwest from the terminus of the FWLE along South 324th Street until SR 99, where it continues south along the west side of SR 99. Just north of South 352nd Street, SF 4A begins to travel southeast until it reaches the west side of I-5 at Enchanted Parkway South. SF 4A continues along the west side of I-5 through the remainder of South Federal Way. The station is located at South 348th Street and SR 99.

SF 4B 99 North (SR 99)

SF 4B travels southwest from the terminus of the FWLE along South 324th Street until SR 99, where it continues south along the west side of SR 99 through South Federal Way. The station is located at South 348th Street and SR 99.

SF 4C 99 North (I-5 to SR 99)

SF 4C travels south-southeast from the terminus of the FWLE to align along the west side of I-5 until just south of South 336th Street, where the alignment begins to travel southwest towards SR 99. SF 4C continues along the west side of SR 99 through South Federal Way. The station is located at South 348th Street and SR 99.

SF 4D 99 North (I-5 to SR 99 to I-5)

SF 4D travels south-southeast from the terminus of the FWLE to align along the west side of I-5 until just south of South 336th Street, where the alignment begins to travel southwest towards SR 99. SF 4C continues along the west side of SR 99 until just north of South 352nd Street, where the alignment begins to travel southeast until it reaches the west side of I-5 at Enchanted Parkway South. The station is located at South 348th Street and SR 99.

4.1.3 I-5 West

The I-5 West alternatives include SF 8 I-5/356th and SF 9 I-5/Jet.

SF 8 I-5/356th

SF 8 travels south-southeast from the terminus of the FWLE to align along the west side of I-5 through South Federal Way. The station is located just north of South 356th Street and I-5.

SF 9 I-5/Jet

SF 9 travels south-southeast from the terminus of the FWLE to align along the west side of I-5 through South Federal Way. The station is located just south of South 356th Street and I-5.

4.2 Fife

There are five alternatives in Fife that can generally be categorized into three alignment families: 12th Street, North of 15th Street, and South of 15th Street, as shown on Exhibit 4-3. All of the Fife alternatives include a parking facility at the station.

4.2.1 12th Street

The 12th Street alternative includes Fife 1 12th Street.

Fife 1 12th Street

Fife 1 travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife ridge. Fife 1 then continues west along the south side of 12th Street East until just west of 54th Street East, where the alignment travels southwest towards the south side of Pacific Highway East. The alignment continues along the south side of Pacific Highway East until just east of East 26th Avenue, where the alignment travels southwest to the north side of I-5 through the remainder of Fife. The station is located between 54th Avenue East and 59th Avenue East on the south side of 12th Street East.

4.2.2 North of 15th Street

The North of 15th Street alternatives include Fife 3A 15th Street (I-5) and Fife 3B 15th Street (S 99).

Fife 3A 15th Street (I-5)

Fife 3A travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest towards Pacific Highway East and northwest around the Fife ridge. Fife 3A then continues west along 15th Street East until just east of 54th Street East, where it continues southwest along the north side of I-5 through the remainder of Fife. The station is located just west of 59th Avenue East at 15th Street East.

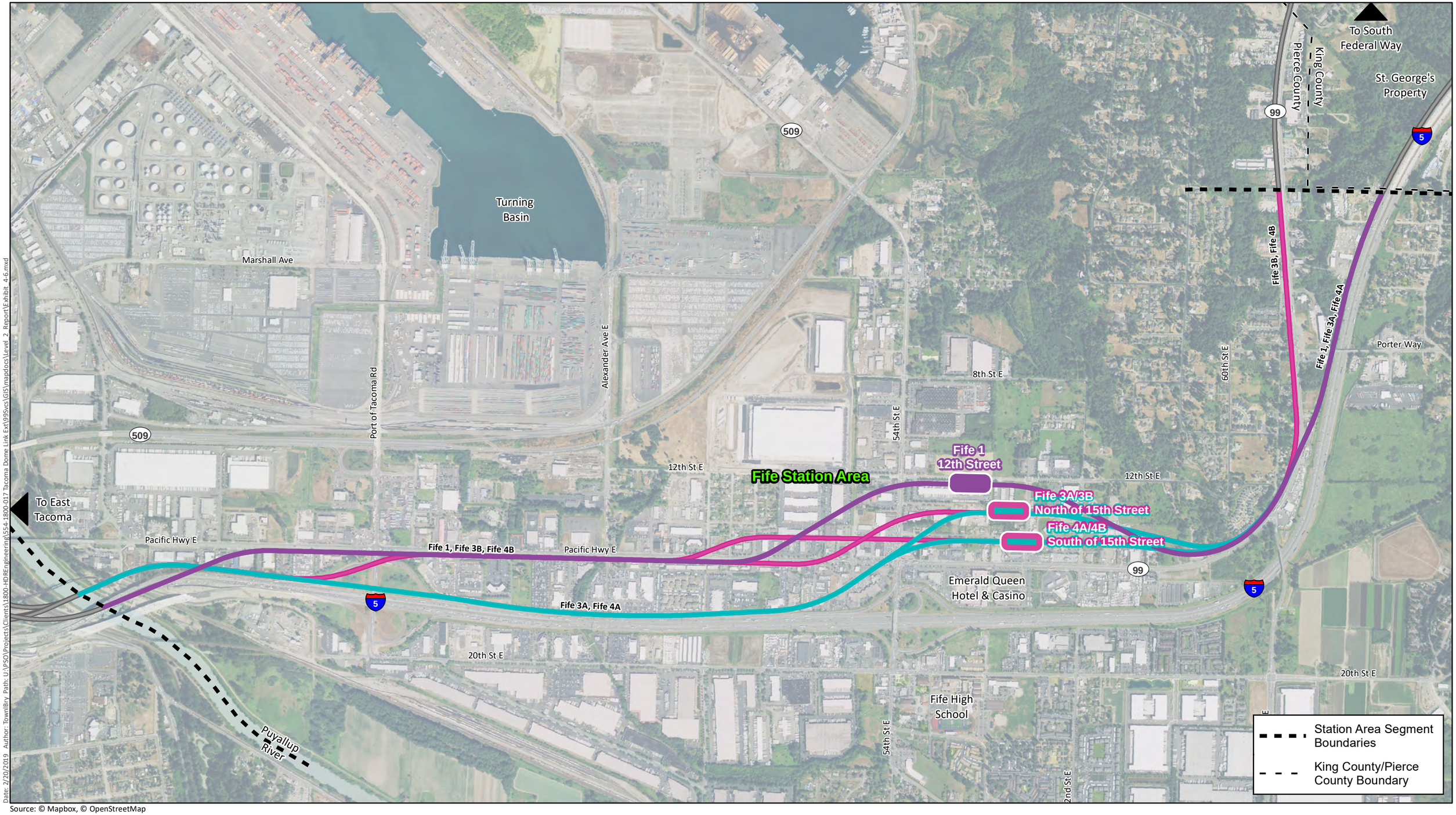

Source: © Mapbox, © OpenStreetMap

0 625 1,250 2,500 Feet

SOUNDTRANSIT

Fife Alternatives

12th Street Alignment Family	North of 15th Street Alignment Family	South of 15th Street Alignment Family
Fife 1: 12th Street E	Fife 3A: North of 15th Street E	Fife 4A: South of 15th Street E
	Fife 3B: North of 15th Street E	Fife 4B: South of 15th Street E

EXHIBIT 4-3
LEVEL 2 ALTERNATIVES
FIFE

TACOMA DOME LINK EXTENSION

Date: 2/20/2019 Author: TownBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99\vcs\GIS\mapdocs\Level 2 Report\Exhibit 4-6.mxd

Fife 3B 15th Street (SR 99)

Fife 3B travels along the west side of Pacific Highway East from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest and then northwest around the Fife ridge. Fife 3B then continues west along 15th Street East until just east of 54th Avenue East, where it continues southwest to travel along the south side of Pacific Highway East. At the Port of Tacoma Road, Fife 3B travels southwest along the westbound on-ramp to the north side of I-5, where it continues through Fife. The station is located just west of 59th Avenue East at 15th Street East.

4.2.3 South of 15th Street

The South of 15th Street alternatives include Fife 4A South of 15th Street (I-5) and Fife 4B South of 15th Street (SR 99).

Fife 4A South of 15th Street (I-5)

Fife 4A travels along the west side of I-5 from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest to continue along the north side of Pacific Highway East. At 54th Street East and Pacific Highway East, Fife 4A continues southwest to travel along the north side of I-5 through the remainder of Fife. The station is located just west of 59th Avenue East between 15th Street East and Pacific Highway East.

Fife 4B South of 15th Street (SR 99)

Fife 4B travels along the west side of Pacific Highway East from the King/Pierce County boundary until just south of Porter Way, where the alignment begins to travel southwest to continue along the north side of Pacific Highway East. Fife 4B then continues west along the north side of Pacific Highway East until just east of Willow Road East, where it continues southwest to travel along the south side of Pacific Highway East. At the Port of Tacoma Road, Fife 4B travels southwest along the westbound on-ramp to the north side of I-5, where it continues through Fife. The station is located just west of 59th Avenue East between 15th Street East and Pacific Highway East.

4.3 East Tacoma

There are six alternatives in East Tacoma that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street, and East 27th Street, as shown on Exhibit 4-4.

4.3.1 Puyallup Avenue

The Puyallup Avenue alternative includes ET 1 Puyallup Avenue (ET 1A in Level 1).

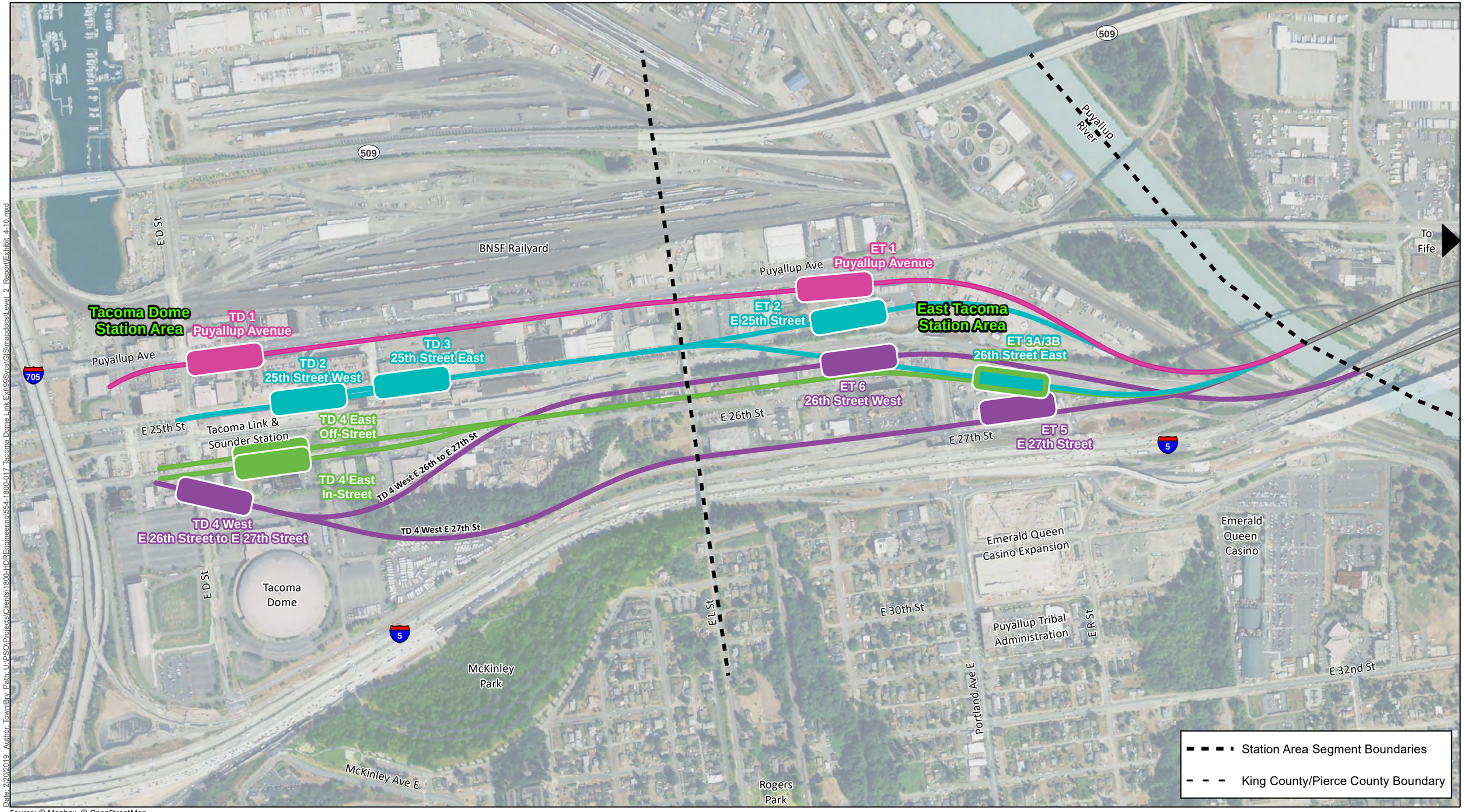

Source: © Mapbox, © OpenStreetMap

Date: 2/20/2019 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\99Svcs\GIS\mapdocs\Level_2_Report\Exhibit_4-10.mxd

East Tacoma and Tacoma Dome Alternatives

0 250 500 1,000 Feet

Puyallup Avenue Alignment Family
- ET1: Puyallup Ave
- TD1: Puyallup Ave

East 25th Street Alignment Family
- ET2: E 25th Street
- TD2: 25th Street West
- TD3: 25th Street East

East 26th Street Alignment Family
- ET3A: E 26th St to E 25th St
- ET3B: 26th Street East
- ET6: 26th Street West
- TD4 East: E 26th Street Off-Street / In-Street

E 26th St to E 27th St Alignment Family
- ET5: E 27th Street
- TD 4 West E 26th St to E 27th St / E 27th St

SOUNDTRANSIT

EXHIBIT 4-4
LEVEL 2 ALTERNATIVES
EAST TACOMA & TACOMA DOME

TACOMA DOME LINK EXTENSION

ET 1 Puyallup Avenue

ET 1 crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 1 travels northwest to the south side of Puyallup Avenue where it continues through East Tacoma. The station is located at East M Street and Puyallup Avenue.

4.3.2 East 25th Street

The East 25th Street alternative includes ET 2 East 25th Street.

ET 2 East 25th Street

ET 2 crosses the Puyallup River along the north side of I-5. At East Bay Street, ET 2 travels northwest to the north side of East 25th Street where it continues through East Tacoma. The station is located at East M Street and East 25th Street.

4.3.3 East 26th Street

The East 26th Street alternatives include ET 3A East 26th Street to East 25th Street (variation of ET 3 in Level 1), ET 3B 26th Street East, and ET 6 26th Street West.

ET 3A East 26th Street to Eat 25th Street

ET 3A crosses the Puyallup River north of I-5. At East Bay Street, ET 3A travels northwest to the north side of East 25th Street through the remainder of East Tacoma. The station is located at East 26th Street and East Bay Street.

ET 3B 26th Street East

ET 3B crosses the Puyallup River north of I-5. At East Bay Street, ET 3B travels northwest to the north side of East 26th Street through the remainder of East Tacoma. The station is located at East 26th Street and East Bay Street.

ET 6 26th Street West

ET 6 crosses the Puyallup River north of I-5. At East Bay Street, ET 6 travels northwest to the north side of East 26th Street through the remainder of East Tacoma. The station is located at East 26th Street and East N Street.

4.3.4 East 27th Street

The East 27th Street alternative includes ET 5 East 27th Street.

ET 5 East 27th Street

ET 5 crosses the Puyallup River north of I-5 and continues west along the north side of East 27th Street through East Tacoma. The station is located at East 27th Street and East Bay Street.

4.4 Tacoma Dome

There are seven alternatives in Tacoma Dome that can generally be categorized into four alignment families: Puyallup Avenue, East 25th Street, East 26th Street, and East 26th Street to East 27th Street, as shown on Exhibit 4-4.

4.4.1 Puyallup Avenue

The Puyallup Avenue alternative includes TD 1 Puyallup Avenue.

TD 1 Puyallup Avenue

TD 1 travels along the south side of Puyallup Avenue until just east of I-705. The station is located at Puyallup Avenue and East D Street.

4.4.2 East 25th Street

The East 25th Street alternatives include TD 2 25th Street West and TD 3 25th Street East.

TD 2 25th Street West

TD 2 travels along the center of East 25th Street until just west of East D Street. The station is located east of East D Street along East 25th Street.

TD 3 25th Street East

TD 3 travels along the center of East 25th Street until just west of East D Street. The station is located at East G Street and East 25th Street.

4.4.3 East 26th Street

The East 26th Street alternative includes TD 4 East Off-Street (variation of TD 4A-B in Level 1) and TD 4 East In-Street (variation of TD 4A-B in Level 1).

TD 4 East Off-Street

TD 4 East Off-Street travels along the north side of East 26th Street until just west of East D Street. The station is located on East 26th Street just east of East D Street.

TD 4 East In-Street

TD 4 East In-Street travels along the center of East 26th Street until just west of East D Street with the station located on East 26th Street just east of East D Street.

4.4.4 East 26th Street to East 27th Street

The East 26th Street to East 27th Street alternatives include TD 4 West East 26th Street to East 27th Street (variation of TD 4A-B in Level 1) and TD 4 West East 27th Street (variation of TD 4A-B in Level 1).

TD 4 West East 26th Street to East 27th Street

TD 4 West travels along the north side of East 26th Street and continues southwest just east of East J Street, then northwest until just west of East D Street. The station is located south of East 26th Street at East D Street.

TD 4 West East 27th Street

TD 4 West travels along the north side of I-5 and continues northwest just east of East G Street until just west of East D Street. The station is located south of East 26th Street at East D Street.

5 Level 2 Analysis

This section summarizes the Level 2 analysis by criteria for each of the alternatives in the South Federal Way, Fife, East Tacoma, and Tacoma Dome segments. The TDLE corridor segments are shown on Exhibit 4-1. It should be noted that in some station areas, the station alternatives are within proximity of each other, which results in less differentiation in the analysis. Appendix A contains the full Level 2 Analysis matrix.

5.1 South Federal Way

The South Federal Way segment begins at the Federal Way Transit Center and extends south to the King/Pierce County boundary line. Exhibit 5-1 summarizes the performance of each alternative when evaluated against the differentiating measures.

5.1.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

5.1.1.1 Ridership Potential

SF 8 and SF 9 performed the highest on this criterion because the stations are located in areas with higher existing population and job densities and would have shorter travel times. SF 4A and SF 4D were the lowest performing because they would have longer travel times and lower existing population densities. All other South Federal Way alternatives performed similarly.

5.1.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

5.1.2.1 Supports Future Transit Oriented Development Opportunities

SF 4A-D performed the highest on this criterion because these alternatives are located nearest to areas with TOD-compatible zoning and with higher likelihoods of redevelopment into TOD neighborhoods. These alternatives would also have fewer nonmotorized barriers and more access to amenities. The remaining alternatives are located in areas with zoning that is not compatible with mixed-use TOD. SF 8 and SF 9 performed the lowest of all South Federal Way alternatives because they have the lowest likelihood of redevelopment and would have the most nonmotorized barriers within a ½ mile of the station.

5.1.2.2 Promotes Multimodal Access and Integration

SF 2 East and SF 2 West performed the highest on this criterion compared to all other alternatives in South Federal Way because of ease of vehicular pick-up/drop-off and better connections with bicycle and pedestrian facilities. All South Federal Way alternatives performed relatively high in terms of connections with local existing and planned pedestrian facilities, except for SF 3, SF 8, and SF 9, which were the lowest performing alternatives due to having the lowest ratio of streets with sidewalks in the station vicinity. SF 8 and SF 9 were also the farthest from existing local bus and other transit facilities. The remaining alternatives, including SF 4A-D,

performed similarly on this criterion. SF 4A-D would be the closest to existing bus facilities, but they did not perform well for ease of vehicular pick-up/drop-off and connections with bicycle facilities.

5.1.3 Preserve the Environment

5.1.3.1 Effects on the Natural Environment

SF 4A performed the highest on this criterion compared to all other South Federal Way alternatives because it would have the fewest impacts to streams, stream crossings, and vegetated areas. The remaining South Federal Way alternatives performed similarly. All South Federal Way alternatives would have similar impacts to protected species and habitats, floodplains, and geologic hazard areas. Additionally, all alternatives would have small, isolated impacts to wetlands along I-5, except for SF 4B and SF 4C, which would affect large, high-quality wetlands along SR 99 and would have the most impacts to vegetated areas.

5.1.3.2 Effects on the Built Environment

SF 8 and SF 9 performed the highest on this criterion because they would have the fewest impacts to parcels with economic activity generators, effects on parking supply and demand, and residential, commercial, and community facility displacements. SF 4A-D performed the lowest because these alternatives would have the most property impacts, including to economic activity generators, and effects on existing and planned traffic and freight movement. Additionally, SF 4A-C would have the most effects on parking supply and demand. All South Federal Way alternatives performed similarly low for potential effects on Section 4(f) cultural and archaeological resources.

5.1.4 Support Equitable Mobility

5.1.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

SF 4A and SF 4B performed the highest on this criterion because they would have the most potential benefits to low-income or minority populations. These alternatives have some of the highest numbers of total displacements but would involve less displacements of known low-income residential buildings. SF 4C and SF 4D would also serve a high percentage of minority and/or low-income populations, but these alternatives would have more potential impacts to environmental justice populations due to potential property impacts along the alignment. SF 2 East and SF 3 performed the lowest of all the South Federal Way alternatives. SF 2 East would serve more environmental justice populations but would cause more displacements, and SF 3 would serve fewer environmental justice populations but would cause fewer displacements. The remaining South Federal Way alternatives performed similarly to each other on this criterion.

EXHIBIT 5-1

SOUTH FEDERAL WAY

Level 2 Summary

KEY TO RATING					
LOWER PERFORMING					HIGHER PERFORMING

This sheet summarizes the performance of each of the alternatives on key measures that highlight the differences between the alternatives. The ratings are a comparison of each alternative against all other alternatives in the station area. The evaluation is based on an early conceptual level of design; design is subject to revisions.

	Enchanted Parkway			SR 99 to I-5	SR 99	I-5 to SR 99	I-5 to SR 99 to I-5	I-5 West	
Measures	**SF 2 West** Enchanted/ 352nd	**SF 2 East** Enchanted/ 352nd	**SF 3** Enchanted/ 356th	**SF 4A** SR 99 North	**SF 4B** SR 99 North	**SF 4C** SR 99 North	**SF 4D** SR 99 North	**SF 8** I-5/356th	**SF 9** I-5/Jet

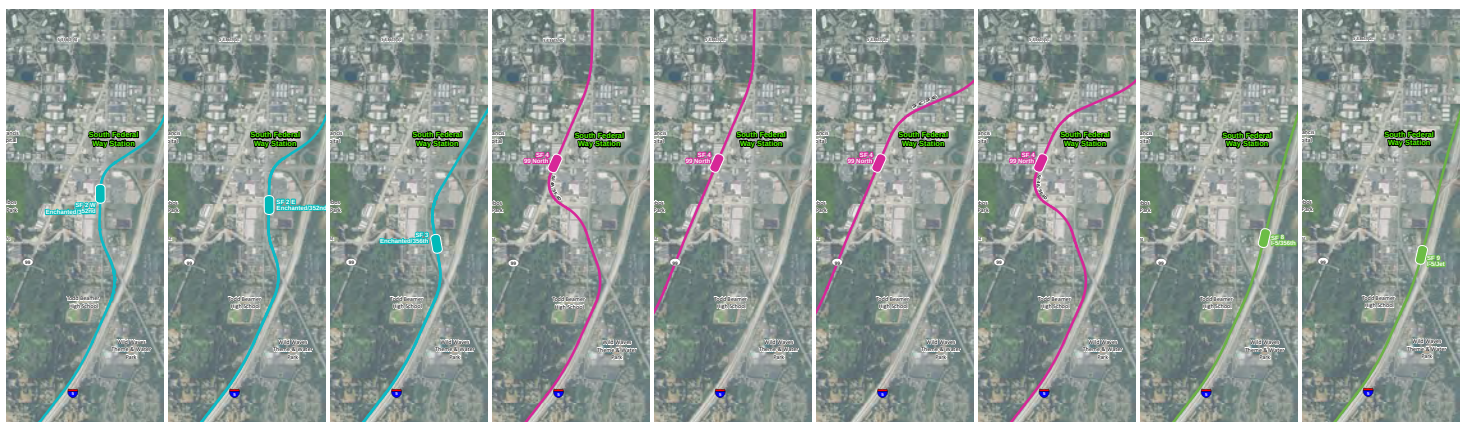

Measures	Enchanted Parkway			SR 99 to I-5	SR 99	I-5 to SR 99	I-5 to SR 99 to I-5	I-5 West	
Objective: Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs									
L2.2, L2.3 Relative ridership comparison	Moderate	Moderate	Moderate	High	High	High	High	Moderate	Moderate
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access									
L2.7 Likelihood of station redevelopment into transit-oriented neighborhood	Greater	Moderate	Moderate	Greater	Greater	Greater	Greater	Lower	Lower
L2.9 Presence of amenities that can catalyze development of transit-oriented neighborhoods	Greatest amenities	Greater amenities	Moderate amenities	Greatest amenities	Greatest amenities	Greatest amenities	Greatest amenities	Moderate amenities	Fewer amenities
L2.10 Proximity to other transit facilities and services	445 ft to nearest bus stop	270 ft to nearest bus stop	385 ft to nearest bus stop	200 ft to nearest bus stop	200 ft to nearest bus stop	200 ft to nearest bus stop	200 ft to nearest bus stop	975 ft to nearest bus stop	1,070 ft to nearest bus stop
L2.11 Ease of vehicular pick-up/drop-off for a variety of users	Moderate access	Moderate access	Higher access	Lower access	Lower access	Lower access	Lower access	Higher access	Higher access
L2.12, L2.13 Pedestrian and bicycle accessibility	Moderate (bike) High (ped)	Moderate (bike) High (ped)	Moderate (bike) Moderate (ped)	Low (bike) High (ped)	Low (bike) High (ped)	Low (bike) High (ped)	Low (bike) High (ped)	Moderate (bike) Moderate (ped)	Moderate (bike) Moderate (ped)
Objective: Preserve the Environment									
L2.14, L2.15, L2.17 Potential impacts to ecosystems	Moderate	Moderate	Moderate	Lower	Higher	Higher	Moderate	Higher	Higher
L2.20 Estimated number of potential affected parcels	35-40 acquisitions	30-35 acquisitions	40-45 acquisitions	80-85 acquisitions	95-100 acquisitions	70-75 acquisitions	55-60 acquisitions	25-30 acquisitions	25-30 acquisitions
L2.21 Estimated number of potential affected parcels with major economic activity generators	Moderate	Moderate	Moderate	Highest	Highest	Higher	Higher	Lower	Lower
L2.22 Estimated number of potential displacements by property type	100-115 residences 20-25 businesses	90-95 residences 20-25 businesses	90-95 residences 20-25 businesses	120-125 residences 45-50 businesses	110-115 residences 45-50 businesses	100-105 residences 35-40 businesses	110-115 residences 35-40 businesses	85-90 residences 0-5 businesses	85-90 residences 0-5 businesses
L2.25, L2.26 Potential impacts to historic, cultural, or archaeological resources	0 known, 4 potential historic resources 1 known cultural resource	0 known, 5 potential historic resources 1 known cultural resource	0 known, 5 potential historic resources 1 known cultural resource	0 known, 14 potential historic resources 1 known cultural resource	0 known, 13 potential historic resources 3 known cultural resources	0 known, 7 potential historic resources 3 known cultural resources	0 known, 8 potential historic resources 1 known cultural resource	0 known, 5 potential historic resources 1 known cultural resource	0 known, 5 potential historic resources 1 known cultural resource
Objective: Provide a Financially Sustainable and Constructible Project									
L2.35 Preliminary conceptual estimate*	$1.0B	$1.05B	$1.0B	$1.35B	$1.55B	$1.35B	$1.15B	$0.95B	$0.95B
L2.39 Unique construction challenges	Greater potential challenges	Moderate potential challenges	Moderate potential challenges	Greatest potential challenges	Greatest potential challenges	Moderate potential challenges	Greater potential challenges	Fewer potential challenges	Fewer potential challenges

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

5.1.5 Provide a Financially Sustainable and Constructible Project

5.1.5.1 Financial Considerations

SF 8 and SF 9 performed the highest on this criterion because they would have the lowest preliminary conceptual estimate to build and operating estimates of all the South Federal Way alternatives. SF 2 West, SF 2 East, and SF 3 were also higher performing because of lower preliminary conceptual estimates to build, but these alternatives would have slightly longer alignments and would therefore have higher operating estimates. SF 4A and SF 4B performed the lowest on this criterion because they would have a combination of high preliminary conceptual estimates to build and operating estimates.

5.1.5.2 Constructibility and Engineering Considerations

SF 8 and SF 9 performed the highest on this criterion because they would have the fewest conflicts with major utilities and structures, number of sites requiring environmental remediation, and unique construction challenges. These alternatives also have the most availability and potential to use publicly owned right-of-way. Alternatives SF 2 East, SF 2 West, and SF 3 performed similarly high although they have slightly more construction challenges, including utility and street crossings. SF 4A and SF 4B performed the lowest on this criterion because they would have the most unique construction challenges. These alternatives would be parallel to a water main along SR 99 and they would cross and travel parallel to the Bonneville Power Administration (BPA) high-voltage transmission lines along South 324th Street. SF 4C and SF 4D performed similarly for this criterion and performed in the middle compared to the other South Federal Way alternatives.

5.1.5.3 Operational Considerations

SF 4C, SF 8, and SF 9 performed the highest on this criterion because they would have the fewest potentially challenging operational elements. SF 8 and SF 9 are adjacent to I-5 for the entire alignment and maintain 55 mph speeds throughout, which make them higher performing alternatives. SF 4C diverges from I-5 to Pacific Highway but it maintains 55-mph curves throughout the alignment. SF 2 West, SF 2 East, and SF 3 performed relatively high because their alignments run for 55 mph for most of the length with a short reduced speed area approaching each station. SF 4B performed relatively low because of slow speeds near the terminus of FWLE, although it improves to 55 mph for most of the alignment along SR 99. SF 4A performed lowest because of speed restrictions as low as 30 mph in the northern half of the alignment in the Federal Way segment.

5.1.5.4 Schedule Considerations

Most South Federal Way alternatives performed similarly in terms of overall schedule risk that could include potential relocation of multi-family units and senior housing units. SF 8 and SF 9 performed relatively lower because of additional coordination with SR 18 off-ramp construction.

5.2 Fife

The Fife Segment begins at the King/Pierce County line and extends west to the Fife-Tacoma city boundary just east of the Puyallup River. Exhibit 5-2 summarizes the performance of each alternative when evaluated against the differentiating measures.

5.2.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

5.2.1.1 Ridership Potential

Fife 4A performed the highest on this criterion compared to all other Fife alternatives because it would have shortest travel time and the station is located in an area with higher existing and future population and employment densities. Fife 4B performed similarly in terms of population densities but would have a longer travel time. Fife 3B would have lower population and job densities than Fife 4B, but otherwise performed similarly. Fife 1 and Fife 3A performed the lowest of the Fife alternatives. Fife 1 would have lower projected ridership potential and station boardings than other alternatives, and Fife 3A would have the longest travel times. All Fife alternatives performed similarly in terms of low proximity to PSRC growth centers and manufacturing/industrial centers.

5.2.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

5.2.2.1 Supports Future Transit Oriented Development Opportunities

Fife 3A and Fife 3B performed the highest on this criterion because these alternatives would have the fewest nonmotorized barriers. Most Fife alternatives are located in areas with planned TOD-compatible zoning and with high likelihoods of redevelopment into TOD neighborhoods, with the exception of Fife 1. Fife 1 is located adjacent to an industrial area and has the lowest likelihood of redevelopment into a TOD neighborhood, although it is the least likely to affect surrounding businesses and amenities; therefore, Fife 1 performed moderately. Fife 4A also performed moderately compared to all other Fife alternatives. Fife 4B performed the lowest because the station is located farther from amenities and the alignment is the most likely to remove several amenities.

5.2.2.2 Promotes Multimodal Access and Integration

Fife 4A and Fife 4B performed the highest on this criterion because they would be the closest to existing local bus and other transit facilities, and they would have more connections with local existing and planned pedestrian facilities. The remaining alternatives performed similarly in terms of pedestrian facility connections. Fife 1 performed moderately because it would be the farthest from existing local bus and other transit facilities but would have the most accessible vehicular pick-up/drop-off. Fife 3A and Fife 3B performed the lowest on this criterion because they would have the fewest connections with existing and planned bicycle facilities.

EXHIBIT 5-2
FIFE
Level 2 Summary

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

This sheet summarizes the performance of each of the alternatives on key measures that highlight the differences between the alternatives. The ratings are a comparison of each alternative against all other alternatives in the station area. The evaluation is based on an early conceptual level of design; design is subject to revisions.

	SR 99	I-5	SR 99	I-5	SR 99
	Fife 1 12th Street	**Fife 3A** North of 15th Street	**Fife 3B** North of 15th Street	**Fife 4A** South of 15th Street	**Fife 4B** South of 15th Street

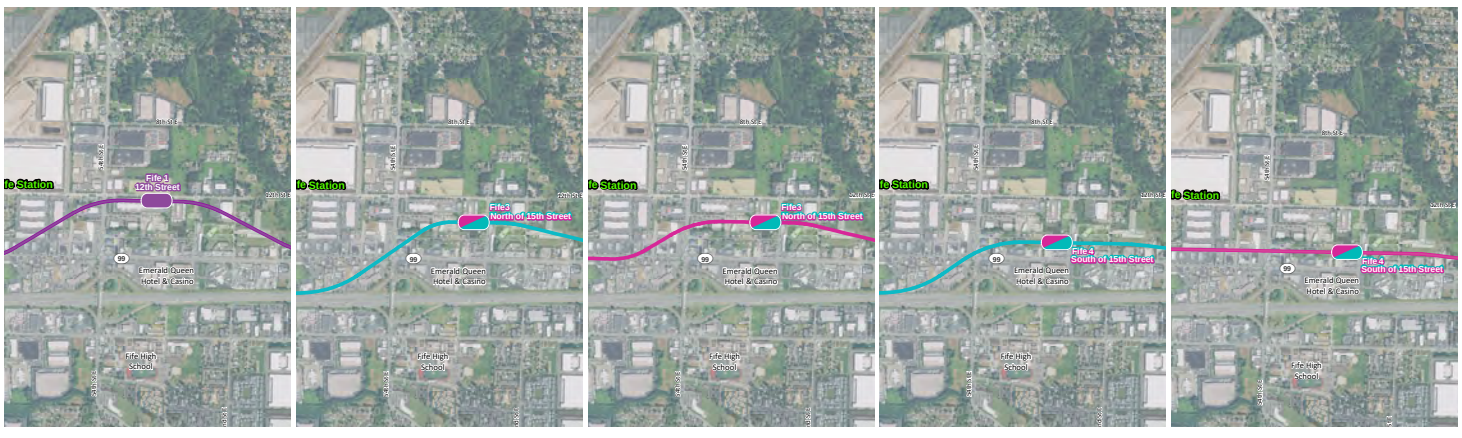

Measures

Objective: Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

L2.2, L2.3 Relative ridership comparison	Lower	Moderate	Moderate	Moderate	Moderate

Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access

L2.7 Likelihood of station redevelopment into transit-oriented neighborhood	Lower	Greater	Greater	Greater	Greater
L2.10 Proximity to other transit facilities and services	1,705 ft to nearest bus stop	1,225 ft to nearest bus stop	1,225 ft to nearest bus stop	705 ft to nearest bus stop	705 ft to nearest bus stop
L2.11 Ease of vehicular pick-up/drop-off for a variety of users	Higher access	Moderate access	Moderate access	Lower access	Lower access
L2.12, L2.13 Pedestrian and bicycle accessibility	High (bike) Moderate (ped)	Moderate (bike) Moderate (ped)	Moderate (bike) Moderate (ped)	High (bike) High (ped)	High (bike) High (ped)

Objective: Preserve the Environment

L2.15, L2.17 Potential impacts to ecosystems	Higher	Moderate	Lower	Lower	Lower
L2.20 Estimated number of potential affected parcels	95-100 acquisitions	90-95 acquisitions	110-115 acquisitions	100-105 acquisitions	130-135 acquisitions *Rated similar to other Fife alternatives because number of acres potentially impacted is similar
L2.21 Estimated number of potential affected parcels with major economic activity generators	Highest	Lower	Higher	Lower	Moderate
L2.22 Estimated number of potential displacements by property type	5-10 residences 60-65 businesses	5-10 residences 20-25 businesses	10-15 residences 55-60 businesses	60-65 residences 25-30 businesses	70-75 residences 45-50 businesses
L2.25, L2.26 Potential impacts to historic, cultural, or archaeological resources	1 known, 9 potential historic resources 2 known cultural resources	0 known, 11 potential historic resources 1 known cultural resource	1 known, 23 potential historic resources 2 known cultural resources	1 known, 18 potential historic resources 1 known cultural resource	1 known, 37 potential historic resources 2 known cultural resources
L2.30 Potential effects on freight movement	Some potential	Some potential	Some potential	Higher potential	Higher potential

Objective: Provide a Financially Sustainable and Constructible Project

L2.35 Preliminary conceptual estimate*	$850M	$700M	$800M	$700M	$800M

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

5.2.3 Preserve the Environment

5.2.3.1 Effects on the Natural Environment

All Fife alternatives would have similar potential impacts to wetlands and protected species and habitats associated with Hylebos Creek. Additionally, all Fife alternatives would have similar effects on floodplains and geologic hazard areas. Fife 4B performed the highest on this criterion because it would have fewer stream crossings and less vegetation removal than most other alternatives. Fife 4A would also have less effects on vegetated areas but would have an additional stream crossing; therefore, Fife 4A performed moderately. The remaining Fife alternatives would have slightly higher vegetation removal effects. Fife 1 performed the lowest on this criterion because it would have the most stream crossings of all the Fife alternatives.

5.2.3.2 Effects on the Built Environment

Fife 3A performed the highest on this criterion compared to all other Fife alternatives because it would have the fewest parking impacts and property displacements, including to economic activity generators, and it has less potential to affect historic resources. Fife 4B performed the lowest on this criterion because it would have higher property displacements and parking impacts, and it has more potential to affect tribal parcels and historic resources. The remaining Fife alternatives performed similarly.

5.2.4 Support Equitable Mobility

5.2.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Fife 3A performed the highest on this criterion compared to all other Fife alternatives because it would have the fewest potential impacts on low-income and/or minority populations. Fife 4A and Fife 4B would have the most potential benefits to environmental justice populations of all the Fife alternatives, but they would also have the most substantial impacts on known low-income residences; therefore, Fife 4A and Fife 4B performed lower on this criterion. Fife 1 also performed lower because it would have fewer potential benefits to environmental justice populations. Fife 3B performed relatively moderately.

5.2.5 Provide a Financially Sustainable and Constructible Project

5.2.5.1 Financial Considerations

Fife 4A performed the highest on this criterion compared to all other Fife alternatives because it would have a lower preliminary conceptual estimate to build due to the at-grade guideway along I-5, and a lower operating estimate due to fewer curves that reduce operating speeds below 55 mph. Fife 3A would have a similarly low preliminary conceptual estimate to build, but it would have a slightly higher operating estimate due to its longer alignment and a 40-mph curve that would increase travel times. Fife 1 had the lowest performance on this criterion due to having the highest preliminary conceptual estimate to build compared to the other Fife alternatives.

5.2.5.2 Constructibility and Engineering Considerations

Fife 3A and Fife 4A performed the highest on this criterion because they would have the fewest conflicts with major utilities and structures, and they would have the most availability and potential to use publicly owned right-of-way. Fife 1 and Fife 4B performed the lowest on this criterion because they would each have more unique construction challenges, including greater potential impacts to structures. Fife 3B performed moderately for this criterion compared to the other Fife alternatives.

5.2.5.3 Operational Considerations

Fife 4A performed the highest on this criterion compared to all other Fife alternatives because it would maintain a speed of 45 mph or above, with only one area where speed is reduced to 45 mph. The remaining alternatives performed similarly in terms of alignment speeds.

5.2.5.4 Schedule Considerations

Fife 4A and Fife 4B performed relatively low in terms of overall schedule risk associated with potential relocation of senior housing units and coordination with the SR 167 project and Port of Tacoma Road interchange project. The remaining Fife alternatives performed slightly higher because they would not involve relocation of senior housing units.

5.3 East Tacoma

The East Tacoma Segment begins at the Fife-Tacoma city limits, crossing the Puyallup River to East L Street. Exhibit 5-3 summarizes the performance of each alternative when evaluated against the differentiating measures.

5.3.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

5.3.1.1 Ridership Potential

ET 5 performed the highest on this criterion compared to all other East Tacoma alternatives because it would have a shorter travel time and the station is located in an area with higher existing and future population densities; however, it performed relatively poorly in terms of proximity to PSRC growth centers and manufacturing/industrial centers. ET 3A and ET 3B performed similarly to ET 5, although they had slightly lower population densities. ET 6 performed moderately across all measures. ET 1 and ET 2 performed the lowest on this criterion because they would have higher travel times, lower ridership potential, and lower project station boardings. However, these alternatives performed the highest in terms of proximity to PSRC growth centers and manufacturing/industrial centers.

EXHIBIT 5-3
EAST TACOMA
Level 2 Summary

KEY TO RATING					
LOWER PERFORMING					HIGHER PERFORMING

This sheet summarizes the performance of each of the alternatives on key measures that highlight the differences between the alternatives. The ratings are a comparison of each alternative against all other alternatives in the station area. The evaluation is based on an early conceptual level of design; design is subject to revisions.

	Puyallup Avenue	E 25th Street	E 26th Street		E 27th Street	E 26th Street
	ET 1 Puyallup Avenue (Connects to TD 1)	**ET 2** E 25th Street (Connects to TD 2, TD 3)	**ET 3A** E 26th St to E 25th St (Connects to TD 2, TD 3)	**ET 3B** 26th Street East (Connects to TD 4 East)	**ET 5** E 27th Street (Connects to TD 4 West)	**ET 6** 26th Street West (Connects to TD 4 West)

Measures

Measures	ET 1 Puyallup Avenue (Connects to TD 1)	ET 2 E 25th Street (Connects to TD 2, TD 3)	ET 3A E 26th St to E 25th St (Connects to TD 2, TD 3)	ET 3B 26th Street East (Connects to TD 4 East)	ET 5 E 27th Street (Connects to TD 4 West)	ET 6 26th Street West (Connects to TD 4 West)
Objective: Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs						
L2.2, L2.3 Relative ridership comparison	Lower	Lower	Moderate	Moderate	Moderate	Moderate
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access						
L2.7 Likelihood of station redevelopment into transit-oriented neighborhood	Lower	Lower	Greater	Greater	Greater	Lowest
L2.8 Nonmotorized barriers within 1/2 mile of the station	Greater barriers	Greater barriers	Fewer barriers	Fewer barriers	Fewer barriers	Moderate barriers
L2.10 Proximity to other transit facilities and services	255 ft to nearest bus stop	430 ft to nearest bus stop	395 ft to nearest bus stop	395 ft to nearest bus stop	610 ft to nearest bus stop	500 ft to nearest bus stop
L2.11 Ease of vehicular pick-up/drop-off for a variety of users	Lower access	Lower access	Moderate access	Moderate access	Higher access	Lower access
Objective: Preserve the Environment						
L2.20 Estimated number of potential affected parcels	20-25 acquisitions	20-25 acquisitions	15-20 acquisitions	15-20 acquisitions *Rated higher than ET 3A because number of acres potentially impacted is lower	10-15 acquisitions	15-20 acquisitions
L2.21 Estimated number of potential affected parcels with major economic activity generators	Highest	Moderate	Moderate	Moderate	Lower	Moderate
L2.22 Estimated number of potential displacements by property type	0-5 residences 10-15 businesses	0-5 residences 5-10 businesses	0-5 residences 5-10 businesses	0-5 residences 5-10 businesses	0-5 residences 0-5 businesses	0-5 residences 5-10 businesses
L2.25, L2.26 Potential impacts to historic, cultural, or archaeological resources	0 known, 5 potential historic resources 0 known cultural resources	0 known, 6 potential historic resources 0 known cultural resources	0 known, 1 potential historic resource 0 known cultural resources	0 known, 1 potential historic resource 0 known cultural resources	0 known, 2 potential historic resources 0 known cultural resources	0 known, 0 potential historic resources 0 known cultural resources
L2.30 Potential effects on freight movement	Higher potential for additional freight delay	Higher potential for additional freight delay	Some potential for additional freight delay	Some potential for additional freight delay	Some potential for additional freight delay	Higher potential for additional freight delay
Objective: Support Equitable Mobility						
L2.33 Potential benefits to low-income or minority populations	Highest potential benefits	Highest potential benefits	Highest potential benefits	Highest potential benefits	Higher potential benefits	Higher potential benefits
L2.34 Potential for impacts on low-income and/or minority populations	Higher potential for impacts	Some potential for impacts	Some potential for impacts	Some potential for impacts	Lower potential for impacts	Lower potential for impacts
Objective: Provide a Financially Sustainable and Constructible Project						
L2.35 Preliminary conceptual estimate*	$700M	$700M	$750M	$650M	$700M	$700M

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

5.3.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

5.3.2.1 Supports Future Transit Oriented Development Opportunities

ET 3A and ET 3B performed the highest on this criterion because their stations would be located closest to TOD opportunities that exist in the neighborhood south of I-5. ET 3A and ET 3B would also have fewer nonmotorized barriers. ET 5 was also relatively higher performing but would potentially impact a convenience store that is one of the only existing amenities near the East Tacoma stations. ET 6 performed relatively moderately because the station would be located in an area that is currently zoned as industrial and is unlikely to redevelop into a TOD neighborhood. ET 1 and ET 2 performed the lowest on this criterion because their stations are also located in industrial-zoned areas that are unlikely to be redeveloped. Also, nonmotorized connectivity for these alternatives is reduced because of barriers such as truck traffic and railroad infrastructure. These alternatives are also farther from the tribal headquarters and casino located south of I-5.

5.3.2.2 Promotes Multimodal Access and Integration

Most East Tacoma alternatives performed similarly on this criterion, except ET 2 and ET 6, which performed lower. ET 2 and ET 6 would have poor vehicular pick-up/drop-off access and fewer connections to existing and planned pedestrian and bicycle facilities. ET 1 also performed lower on these measures, but performed the highest in terms of proximity to existing local bus and other transit facilities. ET 5 performed the highest in terms of vehicular pick-up/drop-off access, but would be farther from existing local bus and other transit facilities.

5.3.3 Preserve the Environment

5.3.3.1 Effects on the Natural Environment

All East Tacoma alternatives would cross the Puyallup River and would have similar effects to wetlands, floodplains, and protected species and habitats associated with the river crossing. ET 2 performed slightly higher because it avoids most vegetated areas.

5.3.3.2 Effects on the Built Environment

All East Tacoma alternatives performed similarly high in terms of few potential effects on viewsheds and view-dependent businesses, with few potential impacts to parks and other recreational resources. ET 5 performed the highest on this criterion because it would have the fewest number of displacements; however, ET 5 would have potential impacts to tribal properties. ET 6 also performed higher because it would have no potential to impact historic-period resources and it would have fewer effects on parking demand and supply, although it would have more impacts on traffic delays and freight corridors. ET 1 and ET 2 performed the lowest on this criterion because they would affect the most parcels and potential historic-period resources, and they would also have more impacts on existing and

planned traffic in terms of potential intersection delays. Additionally, ET 1 would have the most impacts to properties with major economic activity generators.

5.3.4 Support Equitable Mobility

5.3.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

Most East Tacoma alternatives performed similarly on this criterion, except for ET 1, which performed lower. ET 1 would have more potential impacts on low-income and/or minority populations compared to other alternatives.

5.3.5 Provide a Financially Sustainable and Constructible Project

5.3.5.1 Financial Considerations

ET 3B performed the highest on this criterion. ET 3B would have the lowest preliminary conceptual estimate to build and a lower operating estimate due to a shorter alignment and no curves that reduce operating speeds below 55 mph. ET 1 and ET 2 performed the lowest because they would have the higher preliminary conceptual estimates and operating estimates due to 45- and 50-mph curves. All other East Tacoma alternatives performed similarly.

5.3.5.2 Constructibility and Engineering Considerations

ET 5 performed the highest on this criterion of all the East Tacoma alternatives because it would impact the fewest structures and it has higher potential to use publicly owned right-of-way. ET 1 performed the lowest on this criterion because it has the most sites that would require remediation within the project footprint. The remaining East Tacoma alternatives performed similarly.

5.3.5.3 Operational Considerations

Most East Tacoma alternatives were higher performing on this criterion. ET 1 and ET 2 performed lower because of slower horizontal curve speeds as low as 45 mph.

5.3.5.4 Schedule Considerations

All East Tacoma alternatives were higher performing because they would not have major schedule risks.

5.4 Tacoma Dome

The Tacoma Dome Segment extends from East L Street to the terminus near East D Street. Exhibit 5-4 summarizes the performance of each alternative when evaluated against the differentiating measures.

EXHIBIT 5-4
TACOMA DOME
Level 2 Summary

KEY TO RATING

LOWER PERFORMING — HIGHER PERFORMING

This sheet summarizes the performance of each of the alternatives on key measures that highlight the differences between the alternatives. The ratings are a comparison of each alternative against all other alternatives in the station area. The evaluation is based on an early conceptual level of design; design is subject to revisions.

	Puyallup Avenue	E 25th Street	E 25th Street	E 26th Street	E 26th Street	E 26th Street to E 27th Street	
	TD 1 Puyallup Avenue (Connects to ET 1)	**TD 2** 25th Street West (Connects to ET 2, ET 3A)	**TD 3** 25th Street East (Connects to ET 2, ET 3A)	**TD 4 East** Off-Street (Connects to ET 3B)	**TD 4 East** In-Street (Connects to ET 3B)	**TD 4 West** E 26th St to E 27th St (Connects to ET 3B, ET 6)	**TD 4 West** E 27th St (Connects to ET 5)
		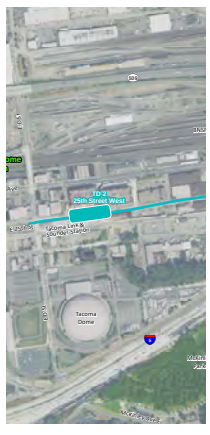				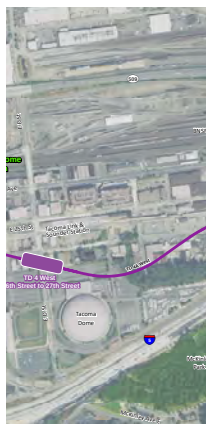	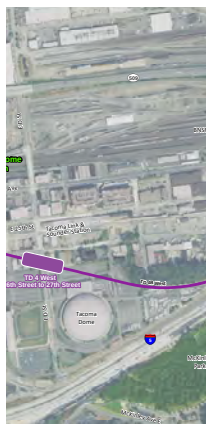
Measures							
Objective: Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs							
L2.2, L2.3 Relative ridership comparison	Higher	Higher	Higher	Moderate	Moderate	Moderate	Moderate
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access							
L2.7 Likelihood of station redevelopment into transit-oriented neighborhood	Higher	Higher	Lower	High	High	Moderate	Moderate
L2.9 Presence of amenities that can catalyze development of transit-oriented neighborhoods	Greater amenities	Greater amenities	Fewer amenities	Fewer amenities	Fewer amenities	Fewer amenities	Fewer amenities
L2.10 Proximity to other transit facilities and services	280 ft to nearest bus stop 430 ft to Tacoma Link	390 ft to nearest bus stop 445 ft to Tacoma Link	285 ft to nearest bus stop 1,080 ft to Tacoma Link	410 ft to nearest bus stop 795 ft to Tacoma Link	430 ft to nearest bus stop 970 ft to Tacoma Link	370 ft to nearest bus stop 970 ft to Tacoma Link	370 ft to nearest bus stop 970 ft to Tacoma Link
L2.11 Ease of vehicular pick-up/drop-off for a variety of users	Higher access	Higher access	Moderate access	Lower access	Lower access	Lower access	Lower access
L2.8, L2.13 Evaluation of nonmotorized barriers and pedestrian accessibility	Fewer barriers Higher access	Fewer barriers Higher access	Greater barriers Moderate access	Moderate barriers Moderate access	Moderate barriers Moderate access	Moderate barriers Moderate access	Moderate barriers Moderate access
Objective: Preserve the Environment							
L2.20 Estimated number of potential affected parcels	20-25 acquisitions	20-25 acquisitions	10-15 acquisitions	25-30 acquisitions	10-15 acquisitions	30-35 acquisitions	20-25 acquisitions *Rated lower than TD 1 and TD 2 because number of acres potentially impacted is higher
L2.21 Estimated number of potential affected parcels with major economic activity generators	Higher	Higher	Lower	Higher	Lower	Higher	Lower
L2.22 Estimated number of potential displacements by property type	0-5 residences 15-20 businesses	0-5 residences 10-15 businesses	0-5 residences 5-10 businesses	0-5 residences 10-15 businesses	0-5 residences 5-10 businesses	0-5 residences 10-15 businesses	0-5 residences 5-10 businesses
L2.23 Estimated number of tribal parcels potentially impacted	0 tribal parcels impacted	0 tribal parcels impacted	0 tribal parcels impacted	4 tribal parcels impacted	0 tribal parcels impacted	1 tribal parcel impacted	2 tribal parcels impacted
L2.25, L2.26 Potential impacts to historic, cultural, or archaeological resources	0 known, 9 potential historic resources 0 known cultural resources	1 known, 9 potential historic resources 1 known cultural resource	1 known, 0 potential historic resources 0 known cultural resources	0 known, 2 potential historic resources 2 known cultural resources	0 known, 2 potential historic resources 0 known cultural resources	1 known, 4 potential historic resources 2 known cultural resources	0 known, 2 potential historic resources 0 known cultural resources
Objective: Support Equitable Mobility							
L2.33 Potential benefits to low-income or minority populations	Highest potential benefits	Higher potential benefits	Moderate potential benefits	Higher potential benefits	Higher potential benefits	Higher potential benefits	Higher potential benefits
L2.34 Potential for impacts on low-income and/or minority populations	Some potential for impacts	Some potential for impacts	Lower potential for impacts	Some potential for impacts	Some potential for impacts	Some potential for impacts	Lower potential for impacts
Objective: Provide a Financially Sustainable and Constructible Project							
L2.35 Preliminary conceptual estimate*	$300M	$400M	$350M	$250M	$250M	$350M	$300M
L2.41 Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Lowest expansion capability	Moderate expansion capability	Moderate expansion capability	Greatest expansion capability	Greatest expansion capability	Greatest expansion capability	Greatest expansion capability

*Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

5.4.1 Provide Effective Transportation Solutions to Meet Mobility, Access, and Capacity Needs

5.4.1.1 Ridership Potential

TD 3 performed the highest on this criterion compared to all other Tacoma Dome alternatives because it would have lower travel times and the station is located in an area with higher future population and employment densities. TD 2 also performed higher because of lower travel times but would have slightly lower existing and future employment densities. TD 4 West E 26th Street to E 27th Street and TD 4 West E 27th Street performed the lowest on this criterion because of low existing and future job densities and low potential to support PSRC growth centers and manufacturing/industrial centers. The remaining Tacoma Dome alternatives performed similarly.

5.4.2 Support Sustainable Land Use Plans, Equitable Access, and Economic Development

5.4.2.1 Supports Future Transit Oriented Development Opportunities

TD 1 and TD 2 performed the highest on this criterion because they are located in areas with TOD-compatible zoning and land use plans, and with greater likelihood of redevelopment into TOD neighborhoods. These alternatives would also have more amenities and fewer nonmotorized barriers than other alternatives. TD 1 and TD 2 also have the most intuitive access beneath I-705 to access toward downtown Tacoma and other residential neighborhoods. The remaining Tacoma Dome alternatives performed similarly low due to minimal amenities near the stations and potential to remove existing amenities.

5.4.2.2 Promotes Multimodal Access and Integration

TD 1 performed the highest on this criterion compared to all other Tacoma Dome alternatives because it would be the closest to both existing local bus and transit facilities and therefore would require the least amount of transit diversion. This alternative would also have more accessible vehicular pick-up/drop-off and more connections with existing and planned pedestrian facilities. All Tacoma Dome alternatives performed similarly in terms of relatively low connections with existing and planned bicycle facilities. Both sets of TD 4 East and TD 4 West alternatives performed lower on this criterion because they are the farthest from existing transit facilities as well as existing and planned bicycle and pedestrian facilities, and there is a relatively steep grade between these stations and the other transit connections in the area.

5.4.3 Preserve the Environment

5.4.3.1 Effects on the Natural Environment

Most Tacoma Dome alternatives performed similarly high on this criterion. TD 4 West E 27th Street performed the lowest because it would have more impacts on vegetated areas and the possibility of wetlands present along the alignment.

5.4.3.2 Effects on the Built Environment

TD 3 performed the highest on this criterion of all the Tacoma Dome alternatives because it would have the fewest property impacts, including those with economic activity generators, and effects on parking supply and demand. TD 4 West E 26th Street to E 27th Street performed the lowest on this criterion because it would have the most parking impacts and effects on historic-period resources, including one determined to be nationally significant. The remaining Tacoma Dome alternatives performed similarly.

5.4.4 Support Equitable Mobility

5.4.4.1 Provide Equitable Transit Service to Low-Income, Minority, and Transit-Dependent Populations

TD 1 and TD 4 West E 27th Street performed the highest on this criterion. TD 1 would have the most potential benefits to low-income and/or minority populations, but would have more potential business displacement that would impact environmental justice populations. TD 4 West E 27th Street would benefit slightly fewer environmental justice populations but would also have fewer business displacements. The remaining Tacoma Dome alternatives performed similarly on this criterion.

5.4.5 Provide a Financially Sustainable and Constructible Project

5.4.5.1 Financial Considerations

TD 3, TD 4 East Off-Street, and TD 4 East In-Street would perform the highest for this criterion. TD 4 East Off-Street and TD 4 East In-Street would have lower preliminary conceptual estimates to build as well as lower operating estimates because there would be no curves that reduce operating speeds. TD 3 would have a higher preliminary conceptual estimate to build but would have lower operating estimates due to not having curves below 55 mph and a shorter alignment length. TD 4 West E 27th Street would perform the lowest on this criterion because it would have a higher preliminary conceptual estimate to build and a slightly longer alignment length that increases the operating estimate. The remaining Tacoma Dome alternatives performed similarly.

5.4.5.2 Constructibility and Engineering Considerations

TD 4 West E 27th Street performed the highest on this criterion of all the Tacoma Dome alternatives because it would impact fewer utility structures and sites that require remediation. This alternative is also more capable of accommodating future light rail expansion to Tacoma Mall without impacting the Sounder commuter rail or heavy rail. TD 1 was higher performing overall, but it would have the lowest compatibility with the Sound Transit Long-Range Plan. The remaining Tacoma Dome alternatives performed similarly.

5.4.5.3 Operational Considerations

TD 2, TD 3, and TD 4 East performed the highest on this criterion because they would maintain speeds of 55 mph for most of the alignment. The remaining Tacoma Dome alternatives performed lower. TD 1 has a 30-mph curve near the end of the alignment that would not affect TDLE operations, but it would be less efficient for potential future extensions. TD 4 West E 27th Street and TD 4 West E 27th Street have meandering alignments with curves as low as 40 mph.

5.4.5.4 Schedule Considerations

All Tacoma Dome alternatives performed similarly in terms of schedule risks due to potential archaeological impacts that could arise during construction.

6 Level 2 Summary

The Level 2 evaluation reflects the potential of each alternative to meet the Purpose and Need of the project and related goals. Exhibit 6-1 and Exhibit 6-2 summarize the full range of alternatives reviewed in Level 2. This section summarizes the key data and analyses from the earlier chapters of this report, and presents the relevant findings and conclusions related to each of the Level 2 alternatives.

EXHIBIT 6-1
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
SOUTH FEDERAL WAY	
Alternatives with MORE POTENTIAL	
SF 2 **West** **Enchanted/352nd**	**Notable Advantages:** • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities. • Better multimodal station access (good pedestrian infrastructure). **Notable Disadvantages:** • Greater construction challenges due to crossing spans over both 348th Street and Enchanted Parkway.
SF 8/9 **I-5/356th and I-5/Jet**	**Notable Advantages:** • Lower potential property impacts. • Lowest preliminary estimate[1] based on alignment and station location. **Notable Disadvantages:** • Lower ridership potential than SF 4 alternatives. • Lower potential for development opportunities near station due to proximity to I-5, topographic and other barriers, and fewer nearby amenities. • Farther from bus service. • Higher potential impacts to ecosystems.
SF 4C **SR 99 North (I-5 to SR 99 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential. • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities. • Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • More difficult car access. • Higher potential property impacts (though less than SF 4A/4B). • Higher potential impacts to ecosystems.
SF 4D **SR 99 North (I-5 to SR 99 to I-5 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives). • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • More difficult car access. • Higher potential property impacts (though less than other SF 4 alternatives). • Greater construction challenges due to two crossings of SR 99, including a wide crossing.

EXHIBIT 6-1
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
Alternatives with GREATER CHALLENGES	
SF 2 **East** **Enchanted/352nd**	**Notable Advantages:** • Moderate ridership potential. • Fewer potential property impacts than SF 4 alternatives. **Notable Disadvantages:** • Potential impacts to businesses and properties on east side of Enchanted Parkway.. • Moderately less potential for development opportunities near the station compared to SF 2 West due to proximity to I-5.
SF 3 **Enchanted/356th**	**Notable Advantages:** • Similar to SF 2 West, but like SF 2 East, runs on east side of Enchanted Parkway with potential property impacts. • Better car access. • Fewer property acquisitions than SF 4 alternatives. **Notable Disadvantages:** • Lower rating for pedestrian and bike access. • Lower potential for development opportunities near the station due to proximity to I-5, topographic and other barriers, and fewer nearby amenities.
SF 4A **SR 99 North (SR 99 to I-5 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives). • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • Highest potential property impacts. • More difficult car access. • Greater construction challenges due to guideway parallel to high voltage transmission lines and wide crossing over SR 99 at 327th.
SF 4B **SR 99 North (SR 99 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives). • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders). **Notable Disadvantages:** • Highest potential property impacts. • More difficult car access. • Greater construction challenges due to guideway parallel to high-voltage transmission lines and wide crossing over SR 99 at 327th. • Highest preliminary estimate[1] based on alignment and station location.

EXHIBIT 6-1
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
FIFE	
Alternatives with MORE POTENTIAL	
Fife 3A **North of 15th Street (I-5 route alignment)** *Shares station location with Fife 3B*	**Notable Advantages:** • Location in planned City Center offers greater potential for development opportunities near station. • Lower potential impacts to natural environment. • Lower potential property impacts than Fife 3B; lower potential residential displacements than Fife 4A/4B. • Lowest preliminary estimate[1] based on alignment. **Notable Disadvantages:** • More potential for impacts to view-dependent businesses.
Fife 3B **North of 15th Street (SR 99 route alignment)** *Shares station location with Fife 3A*	**Notable Advantages:** • Location in planned City Center offers greater potential for development opportunities near station. • Lower potential impacts to natural environment. • Lower potential residential displacements than Fife 4A/4B. **Notable Disadvantages:** • Higher potential property impacts due to alignment on Pacific Highway. • Higher preliminary estimate[1] based on alignment.
Alternatives with GREATER CHALLENGES	
Fife 1 **12th Street**	**Notable Advantages:** • Better car access. **Notable Disadvantages:** • Lower ridership potential. • Zoning and a limited road network north of station show less potential for development opportunities near station. • Higher potential ecosystem impacts. • Higher potential impacts to major economic activity generators. • Highest preliminary estimate[1] based on alignment and station location.
Fife 4A **South of 15th Street (I-5 route alignment)** *Shares station location with Fife 4B*	**Notable Advantages:** • Location in planned City Center indicates greater potential for development opportunities near station. • Lowest preliminary estimate[1] based on alignment. **Notable Disadvantages:** • Greatest potential residential property impacts (including Rainier View Senior Apartments). • More difficult car access. • Higher potential impacts to freight movement.
Fife 4B **South of 15th Street (SR 99 route alignment)** *Shares station location with Fife 4A*	**Notable Advantages:** • Location in planned City Center indicates greater potential for development opportunities near station. **Notable Disadvantages:** • Higher potential property impacts due to alignment on Pacific Highway; higher potential residential property impacts (including Rainier View Senior Apartments). • Higher potential effects on freight movement. • Higher preliminary estimate[1] based on alignment.

EXHIBIT 6-1
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
EAST TACOMA	
Alternatives with MORE POTENTIAL	
ET 3A **E 26th Street to E 25th Street** *Shares station location with ET 3B*	**Notable Advantages:** • Close to destinations and neighborhood south of I-5. • Fewer non-motorized barriers to access; better access to multimodal connections. • More existing and potential development opportunity south of I-5 within walking distance. • Alignment connects to more potential Tacoma Dome stations alternatives TD 2 and TD 3. **Notable Disadvantages:** • Highest preliminary estimate[1] based on alignment and station location.
Alternatives with GREATER CHALLENGES	
ET 1 **Puyallup Avenue**	**Notable Advantages:** • Closest to existing transit connections (bus). **Notable Disadvantages:** • Lower ridership potential. • Farther from destinations south of I-5; more non-motorized barriers and more difficult car access. • Highest potential property impacts. • Higher potential for additional freight delay.
ET 2 **E 25th Street**	**Notable Advantages:** • Alignment connects to more potential Tacoma Dome station alternatives TD 2 and TD 3. **Notable Disadvantages:** • Lower ridership potential. • More barriers for pedestrians and bicyclists. • Farther from destinations south of I-5. • More difficult car access. • Higher potential for additional freight delay.
ET 3B **26th Street East** *Shares station location with ET 3A*	**Notable Advantages:** • Close to destinations and neighborhood south of I-5. • Fewer non-motorized barriers to access; better access to multimodal connections. • More existing and potential development opportunity south of I-5 within walking distance. • Lowest preliminary estimate[1] based on alignment and station location. **Notable Disadvantages:** • Alignment connects to more challenging Tacoma Dome station alternative TD 4.
ET 5 **E 27th Street**	**Notable Advantages:** • Fewest businesses potentially impacted. • Closest to destinations and neighborhood south of I-5. • Fewer non-motorized barriers to access; better access to multimodal connections. • More existing and potential development opportunity south of I-5 within walking distance. **Notable Disadvantages:** • Alignment connects to more challenging Tacoma Dome station alternative TD 4. • Greater potential impacts to tribal properties.
ET 6 **26th Street West**	**Notable Advantages:** • No potential to affect historic resources. **Notable Disadvantages:** • More difficult car access. • Higher potential for additional freight delay. • Farther from destinations and neighborhood south of I-5.

EXHIBIT 6-1
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
TACOMA DOME	
Alternatives with MORE POTENTIAL	
TD 2 **25th Street West**	**Notable Advantages:** • Highest station access for people walking, biking, taking transit or driving. • Close to other transit modes for ease of transfer (closest proximity to Tacoma Link). • Zoning and nearby amenities offer greater potential for housing and business development near station. • Higher ridership potential. **Notable Disadvantages:** • Higher potential impacts to businesses that are major economic activity generators along 25th Street. • Highest preliminary estimate[1] based on alignment and station location.
TD 3 **25th Street East**	**Notable Advantages:** • Higher ridership potential than TD 4 alternatives. • Fewer potential property impacts. • Moderate rating for multimodal access (closer to buses, but farther from Tacoma Link). **Notable Disadvantages:** • Lower potential for development opportunities near station due to location in a light industrial zoning district.
Alternatives with GREATER CHALLENGES	
TD 1 **Puyallup Avenue**	**Notable Advantages:** • Higher ridership potential. • Close to other transit modes for ease of transfer. • Zoning and nearby amenities offer greater potential for housing and business development near station. **Notable Disadvantages:** • Higher potential impacts to businesses that are major economic activity generators along Puyallup Avenue. • Long-term, future extension to Tacoma Mall is most difficult.
TD 4 **East off-street** **E 26th Street**	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. • Lowest preliminary estimate[1] based on alignment and station location. **Notable Disadvantages:** • Farther from multimodal connections (majority of buses). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking. • Likely impacts to tribal properties.
TD 4 **East in-street** **E 26th Street**	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. • Fewer potential property impacts. **Notable Disadvantages:** • Farthest from multimodal connections (Tacoma Link and bus). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking.

EXHIBIT 6-1
Level 2 Technical Evaluation: Notable Advantages and Disadvantages

Alternatives	Technical Analysis
TD 4 West **E 26th Street to E 27th Street** *Both TD 4 West alternatives share same station location*	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. **Notable Disadvantages:** • Farther from multimodal connection points (Tacoma Link). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking. • Higher number of potential property impacts.
TD 4 West **E 27th Street** *Both TD 4 West alternatives share same station location*	**Notable Advantages:** • Long-term, future extension to Tacoma Mall is easier. **Notable Disadvantages:** • Farther from multimodal connection points (Tacoma Link). • More difficult car access. • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and parking.

[1]Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.

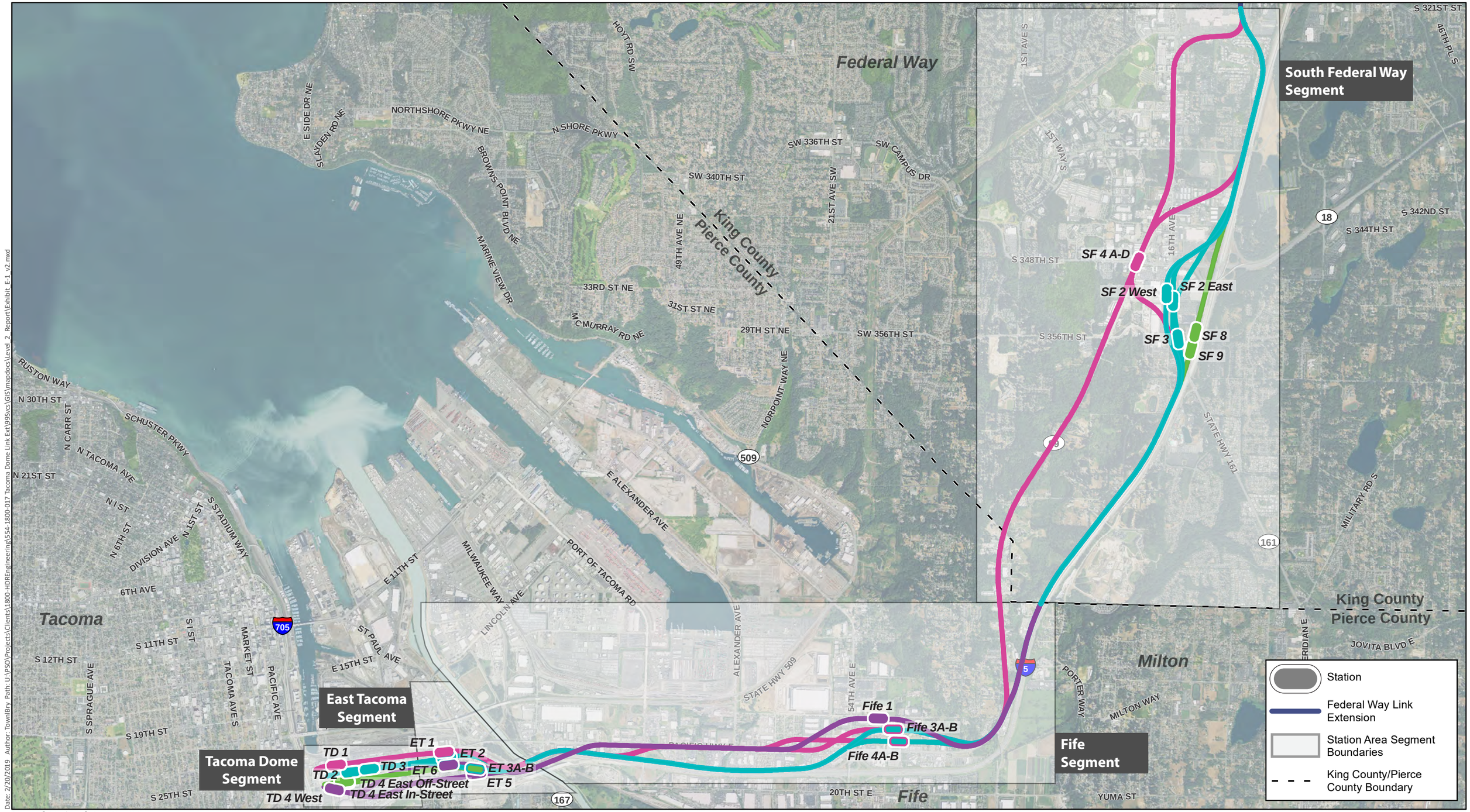

Source: © Mapbox, © OpenStreetMap

0 0.25 0.5 1 Miles

SOUNDTRANSIT

EXHIBIT 6-2
LEVEL 2 ALTERNATIVES
ALL STATION AREAS

TACOMA DOME LINK EXTENSION

Date: 2/20/2019 Author: TownlBry Path: U:\PSO\Projects\Clients\1800-HDREngineering\554-1800-017 Tacoma Dome Link Ext\995vcs\GIS\mapdocs\Level_2_Report\Exhibit_E-1_v2.mxd

6.1 Relative Performance of Level 2 Alternatives by Segment

The following describes the relative performance of each Level 2 alternative by segment. It focuses primarily on the highest and lowest performing alternatives by segment.

6.1.1 South Federal Way

All of the South Federal Way alternatives feature one station with a parking facility and are 4.3 to 4.7 miles in length from the terminus of the Federal Way Link Extension and the end of this segment at the King/Pierce County line.

6.1.1.1 Enchanted Parkway

SF 2 West Enchanted/352nd, SF 2 East Enchanted/352nd, SF 3 Enchanted/356th

This family of three alternatives is mostly I-5-based. These alternatives leave the Federal Way Link Extension terminus and turn southwest to align along the west side of I-5, then curve toward Enchanted Parkway for a station near South 352nd Street or at South 356th Street before returning to the west side of I-5 to continue south to the King/Pierce County line. The alternatives vary primarily on the station site on Enchanted Parkway and how the alignment curves to the station and then back to I-5. A summary of the evaluation for these alternatives include:

- Moderate performance in ridership and TOD measures for SF 2 East and SF 3 due to the station location on Enchanted Parkway, in a larger commercial area with residential uses to the south and farther to the west. The station for SF 3 is farthest south, away from more of the amenities in the area. SF 2 West performs higher than SF 2 East and SF 3 on TOD measures primarily because the station is located on the west side of the street, which reduces the number of crossings required to access the commercial and residential areas to the west.
- The alternatives perform moderately for vehicular connections to the stations with some added vehicle delay at intersections and moderate ease of access to the stations for vehicles.
- Moderate multimodal access to the stations is due to large block sizes, topography, and busy arterials; however, these alternatives perform higher than other South Federal Way alternatives for multimodal access. SF 3 performs lower than SF 2 East and SF 2 West because of a planned roundabout at the entrance to the station that may create an impediment to pedestrian and bicycle travel.
- There is moderate level of property-related impacts, with some potential displacements of economic activity generators and residential and business displacements.
- Most built and natural environment impacts are reduced because most of the alignment is along I-5.

- Potential archaeological impacts, including to cemeteries in the southern part of the alignment but more of the area along I-5 and the Enchanted Parkway, have been previously disturbed.
- These three alternatives are the same for most of the length except for the specific station site on Enchanted Parkway and nearby alignment sections. Station-centric measures such as TOD potential, multimodal access, and localized property impacts were the primary differentiators among the alternatives.

6.1.1.2 SR 99

SF 4A SR 99 North (SR 99 to I-5), SF 4B SR 99 North (SR 99), SF 4C SR 99 North (I-5 to SR 99), SF 4D SR 99 North (I-5 to SR 99 to I-5)

This family of alternatives is focused around a station on SR 99 at South 348th Street. There are different sub-alignment choices to the station from the north and to the south, which affects the level of impacts, travel times, constructibility, and financial performance. From the terminus of the Federal Way Link Extension, the alternatives turn west to SR 99 or curve in from I-5. To the south, the alternatives either continue south along SR 99 or turn back toward I-5 to continue south to the King/Pierce County line. A summary of the evaluation for these alternatives include:

- Higher performance for ridership potential to the station at South 348th Street, but slower travel times due to a longer alignment and more curves getting to SR 99.
- Higher performance in TOD measures with the station location on SR 99 in the center of a larger area with a good mix of land uses and amenities nearby.
- Lower multimodal access to the station due to a congested street network and turn restrictions for ingress and egress to the station, and lower amount of nearby existing and future bicycle facilities.
- Moderate to high level of property-related impacts, partly due to a longer alignment in areas with existing development compared to other alternatives.
- Potential for higher natural resource and archaeological impacts in the southern parts of the SR 99 portions of the alignments, with a larger wetland complex potentially impacted along SR 99.
- The I-5 to SR 99 alignments (SF 4C and SF 4D) and the SR 99 alignments (SF 4A and SF 4B) have potential tribal property and archaeological impacts, although the full-length SR 99 alignment (SF 4B) crosses through more areas with a higher probability of containing archaeological resources.
- All four alternatives serve the same station with higher TOD and ridership potential but feature an array of sub-alignments connecting to the station to and from I-5 or SR 99.

6.1.1.3 I-5 West

SF 8 I-5/356th, SF 9 I-5/Jet

These I-5 alternatives are based on the representative alternative from ST3, located adjacent to the west side of I-5 after leaving the terminus of the Federal Way Link Extension. These alternatives feature similar station siting options adjacent to the freeway, with the stations either north or south of South 356th Street. A summary of the evaluation for these alternatives include:

- Faster travel times due to shorter overall alignment and no curves under 55 mph compared to other South Federal Way alternatives.
- I-5 West alternatives have a lower to moderate performance for ridership, multimodal access, and TOD potential due to access and development barriers presented by I-5 and larger commercial parcels near to the stations.
- Higher performance for potential property impacts, largely due to the alignment being located along the west side of I-5 for the entire South Federal Way segment.
- Having the alignment along I-5 helps reduce both built and natural environmental impacts.

6.1.2 Fife

The Fife alternatives begin at the King/Pierce County line, are approximately 4.0 miles long, and have one station with a parking facility located in Fife near 54th Avenue East.

6.1.2.1 I-5 to 12th Street

Fife 1 12th Street

For analysis, this alternative assumes a pairing with alternatives on the west side of I-5 from Federal Way but could be matched with SR 99 alternatives. After leaving I-5 near the Fife curve, the alternative crosses southwest to northwest to align with 12th Street East to reach a station east of 54th Avenue East. The alternative then continues westbound on 12th Street East to 54th Avenue East, then curves south toward Pacific Highway East, crossing over near Willow Road East. Fife 1 continues along the south side of Pacific Highway East until just west of the Port of Tacoma Road interchange, where it continues southwest to align with the north side of I-5. A summary of the evaluation for this alternative includes:

- Station was lower to moderate performing for ridership potential and TOD measures due to mostly industrial zoning, lower likelihood of redevelopment, and lower projected ridership due to the station being located farthest to the north from the planned Fife City Center Vision area.
- Higher environmental impacts, particularly to streams throughout the Fife segment.
- Property impacts are in the higher mid-range of alternatives and include the highest number of potential displacements of economic activity generators as well as impacts to tribal parcels.

6.1.2.2 North of 15th Street

Fife 3A North of 15th Street (I-5), Fife 3B North of 15th Street (SR 99)

Fife 3A assumes a pairing with the alternatives on the west side of I-5 from Federal Way and Fife 3B assumes a pairing with the alternative on SR 99. After leaving either I-5 or SR 99, the alternatives curve to the west of SR 99 and extend between 12th Street East and 15th Street East with a station located just west of 59th Avenue East. After leaving the station, Fife 3A curves back toward I-5 just past 54th Avenue East and continues along the north side of I-5 to the Puyallup River. After leaving the station, Fife 3B curves south toward Pacific Highway East and continues along the south side of Pacific Highway East until the Port of Tacoma Road interchange, where it extends to the southwest along the north side of I-5 across the Puyallup River. A summary of the evaluation for these alternatives include:

- Station is higher performing for TOD potential due to its location within the City of Fife's planned City Center Vision area, higher redevelopment potential, lower barriers, and amenities.
- Moderate performance for multimodal access with access for people walking, biking, taking transit, or driving.
- Fife 3A performs the highest of all Fife alternatives for property impacts measures due to lower levels of potential parcel impacts, economic activity generator displacements, and residential and commercial displacements.
- Highest preliminary conceptual estimate to build.

6.1.2.3 South of 15th Street

Fife 4A South of 15th Street (I-5), Fife 4B South of 15th Street (SR 99)

Fife 4A assumes a pairing with the alternatives on the west side of I-5 from Federal Way and Fife 4B assumes a pairing with the alternative on SR 99. After leaving either I-5 or SR 99, the alternatives curve to the west of SR 99 and continue along the south side of 15th Street East with a station at 59th Avenue East. After leaving the station, Fife 4A curves southwest to realign with the north side of I-5 just west of 54th Avenue East where it continues across the Puyallup River. After leaving the station, Fife 4B continues west along the south side of 15th Avenue East until 46th Avenue East, where it extends southwest to realign with the south side of Pacific Highway East. Fife 4B continues along the south side of Pacific Highway East until it reaches the Port of Tacoma interchange, where it extends southwest to realign with the north side of I-5 across the Puyallup River. A summary of the evaluation for these alternatives include:

- Higher performance on TOD measures due to its location within the City of Fife's planned City Center Vision area, higher redevelopment potential, and moderate barriers.

- Higher performance for multimodal access with access for people walking, biking, or taking transit. Ease of vehicular access is lower performing due to the station being located near Pacific Highway East, which is congested.
- Moderate to lower performing for potential property impacts, particularly for residential and commercial displacements.
- Lower performing for potential general purpose and freight traffic impacts due to proximity to Pacific Highway East.
- Higher preliminary conceptual estimate to build.

6.1.3 East Tacoma

The East Tacoma alternatives include the bridge crossing of the Puyallup River, along with a station near Portland Avenue. Based on preliminary information from the U.S. Coast Guard, vertical navigational requirements are minimal and set by existing bridges over the river. All alternatives assume a similar bridge height, and do not preclude a given bridge type or the potential for a multimodal bridge.

6.1.3.1 Puyallup Avenue

ET 1 Puyallup Avenue

ET 1 includes a station at Portland Avenue and Puyallup Avenue. ET 1 crosses the Puyallup River north of I-5. At East Bay Street, ET 1 extends northwest to align with the south side of Puyallup Avenue where it continues through East Tacoma to the station at Portland Avenue and Puyallup Avenue. A summary of the evaluation for this alternative includes:

- Lower performance for TOD potential due to location in a light industrial area and on a busy street with higher levels of freight movement, and with proximity to railyards and major municipal infrastructure. This station location also has limited amenities nearby and a lower likelihood for station redevelopment.
- Lower performance for multimodal access, including for vehicles, bicycles, and pedestrians.
- Station is farthest away from residential neighborhoods and Puyallup Tribe of Indians facilities to the south of I-5.
- Lowest performing of the East Tacoma alternatives for potential displacements of economic activity generators.
- Lower performing for potential impacts to general purpose and freight traffic.

6.1.3.2 East 25th Street

ET 2 E 25th Street

ET 2 crosses the Puyallup River north of I-5. At East Bay Street, ET 2 extends northwest to the north side of East 25th Street where it continues through East Tacoma. The station is located at Portland Avenue and East 25th Street. A summary of the evaluation for this alternative includes:

- Lower performance for TOD potential due to location in a light industrial area and on a busy street with higher levels of freight movement, and with proximity to railyards and major municipal infrastructure. This station location also has limited amenities nearby and a lower likelihood for station redevelopment.
- Lower performance for multimodal access, including for vehicles, bicycles, and pedestrians.
- Moderate performance for potential property impacts.
- Station is located north of the Sounder tracks, which is farther from the residential neighborhoods and Puyallup Tribe of Indians facilities to the south of I-5.
- Lower performing for potential impacts to general purpose and freight traffic.

6.1.3.3 East 26th Street

ET 3A E 26th Street to E 25th Street, ET 3B 26th Street East

The East 26th Street alternatives include ET 3A and ET 3B. Both alternatives cross the Puyallup River north of I-5 and continue northwest at East Bay Street to the south side of East 26th Street. The station is located at East 26th Street and East Bay Street. West of the station, ET 3A continues northwest to cross over the Sounder tracks and align with the north side of East 25th Street. ET 3B continues along the north side of East 26th Street west of the station. A summary of the evaluation for these alternatives include:

- Higher performance for TOD measures due to higher redevelopment potential, lower barriers, and moderate amenities nearby because the station is located closer to the more populated areas and Puyallup Tribe of Indians facilities to the south of I-5.
- Moderate performance for multimodal station access due to a low to moderate amount of existing and planned bicycle and pedestrian facilities, and moderate ease of access to the station for vehicles.
- ET 3A would have a higher preliminary conceptual estimate to build and potential construction challenges because the alignment crosses the Sounder tracks.
- Higher performance for operating estimate due to shorter alignment and no curves that reduce operating speeds.

6.1.3.4 East 27th Street

ET 5 E 27th Street

ET 5 crosses the Puyallup River north of I-5 and continues along the north side of East 27th Street through the remainder of East Tacoma. The station is located at East Bay Street and East 27th Street. A summary of the evaluation for this alternative includes:

- Moderate to higher performance for TOD measures due to greater likelihood of redevelopment and lower barriers because the station is being located closer to the more populated areas and Puyallup Tribe of Indians facilities to the south of I-5.
- Moderate performance for multimodal station access due to a low to moderate amount of existing and planned bicycle and pedestrian facilities, and good ease of access to the station for vehicles.
- Lowest preliminary conceptual estimate to build.

6.1.3.5 East 26th Street

ET 6 26th Street West

ET 6 crosses the Puyallup River north of I-5 and continues northwest at East Bay Street to align with the south side of the Sounder tracks through East Tacoma. The station is located at Portland Avenue between the Sounder tracks and East 26th Street. A summary of the evaluation for this alternative includes:

- Lower to moderate performance for TOD potential due to location in a light industrial area and on a busy street with higher levels of freight movement, and with proximity to railyards and major municipal infrastructure. This station location also has limited amenities nearby and a lower likelihood for station redevelopment.
- Lower performance for multimodal station access due to a low amount of existing and planned bicycle and pedestrian facilities, and lower ease of access to the station for vehicles.
- Lower performing for potential impacts to general purpose and freight traffic.
- Lowest preliminary conceptual estimate to build.

6.1.4 Tacoma Dome

The Tacoma Dome alternatives are located in proximity to each other, resulting in similar evaluation performance for many of the measures. Differences in performance largely relate to the tradeoffs between property impacts in the different alignments, all of which are in constrained areas. Each Tacoma Dome alternative is located within proximity of the multi-block intermodal transit hub (Pierce Transit and Sound Transit buses, Tacoma Link, Sounder commuter rail, Greyhound, and Amtrak).

6.1.4.1 Puyallup Avenue

TD 1 Puyallup Avenue

TD 1 extends along the south side of Puyallup Avenue until just east of I-705 with a station at Puyallup Avenue and East D Street. A summary of the evaluation for this alternative includes:

- TD 1 has potential conflicts with City of Tacoma plans for multimodal complete street improvements on Puyallup Avenue.
- Higher performance for TOD measures due to consistency with land use goals and plans, higher redevelopment potential, lower barriers, and good mix of nearby amenities.
- Higher performance for multimodal access to the station due to higher ease of access for vehicles, higher presence of existing and planned pedestrian facilities, and higher integration with Tacoma Link.
- Higher performance for impacts to general purpose and freight traffic due to minor delay at intersections compared to other alternatives.
- TD 1 has potential impacts to the highest number of economic activity generators.
- TD 1 presents more challenges for future extensions of light rail under I-705 due to a less direct connection to East 25th Street that would require additional property impacts and a crossing of Tacoma Link.

6.1.4.2 East 25th Street

TD 2 25th Street West, TD 3 25th Street East

TD 2 and TD 3 extend along the center of East 25th Street until west of East D Street, with the TD 2 station east of East D Street and the TD 3 station at East G Street. A summary of the evaluation for these alternatives include:

- Higher performance for ridership measures due to close transfers to other transit modes, proximity to existing residential and commercial uses, and station location within proximity to the PSRC-designated Tacoma Dome regional growth center.
- TD 2 performs higher for TOD measures due to consistency with land use goals and zoning, greater likelihood for redevelopment, fewer barriers, and a good mix of amenities nearby.
- Higher performance for TD 2 on multimodal station access due to higher ease of access for vehicles, higher presence of existing and planned pedestrian facilities, and higher integration with Tacoma Link.
- Higher performance for TD 3 on potential property impacts due to lower potential impacts to parcels, displacements of economic activity generators, and displacements of residential and commercial uses.

- Lower performance for impacts to general purpose and freight traffic due to additional delay at intersections compared to other alternatives.
- Lower performance for preliminary conceptual estimate to build; TD 2 and TD 3 have the highest preliminary conceptual estimate to build of all Tacoma Dome alternatives.

6.1.4.3 East 26th Street

TD 4 East Off-Street, TD 4 East In-Street

TD 4 East Off-Street extends along the north side of East 26th Street to a station east of East D Street, while TD 4 East In-Street is located in the center of East 26th Street just south of the TD 4 East Off-Street station. A summary of the evaluation for these alternatives include:

- Lower to moderate performance on TOD measures due to proximity to existing uses that are not likely to redevelop (civic uses associated with the Tacoma Dome and tribal trust land), lower likelihood for redevelopment, moderate barriers, and minimal amenities nearby.
- Moderate performance on multimodal station access due to lower ease of access for vehicles, moderate presence of existing and planned pedestrian facilities, and moderate integration with Tacoma Link.
- TD 4 East Off-Street would have the greatest potential to impact tribal properties.
- Lower potential to affect historic resources compared to other Tacoma Dome alternatives.
- Lower preliminary conceptual estimate to build.

6.1.4.4 East 26th Street to East 27th Street

TD 4 West E 26th Street to E 27th Street, TD 4 West E 27th Street

TD 4 West E 26th Street to E 27th Street extends north of East 26th Street until just west of East J Street where it continues southwest towards East 27th Street. At East F Street, the alignment extends northwest to serve a station straddling East D Street. TD 4 West E 27th Street extends along the north side of East 27th Street until East G Street, where it continues northwest to serve the same station as TD 4 West E 26th Street to E 27th Street. A summary of the evaluation for these alternatives include:

- Lower performance for TOD measures due to proximity to existing uses that are not likely to redevelop (civic uses associated with the Tacoma Dome and tribal trust land), moderate redevelopment potential, moderate barriers, and minimal amenities.
- Lower performance on multimodal station access due to lower ease of access for vehicles, moderate presence of existing and planned pedestrian facilities, and lowest integration with Tacoma Link.

- TD 4 West E 26th Street to E 27th Street would have the highest potential impacts to historic resources.
- Lower preliminary conceptual estimate to build.

7 Scoping and Selection of the Draft EIS Alternatives

Following the Level 2 evaluation, Sound Transit conducted scoping for the TDLE from April 1 through May 1, 2019. Participation during the scoping period included Tribal, agency, and jurisdiction participation as well as public participation. During scoping, over 4,000 individuals participated through an on-line or in-person Open House, and over 650 comments were received on the Draft Purpose and Need, route and station options (alternatives) to consider in the Draft EIS, or topics to study in the Draft EIS. Exhibit 7-1 summarizes the feedback received on the alternatives during the alternatives development and scoping process. Detailed information on Scoping is provided in the Tacoma Dome Link Extension Scoping Summary Report (Sound Transit 2019b).

The identification of the preferred alternative as well as other alternatives to be advanced for more detailed analysis in the Draft EIS was recommended by the ELG and brought to the Sound Transit Board System Expansion Committee (SEC) for approval through Motions M2019-75 (South Federal Way, Fife, and East Tacoma) and M2019-77 (Tacoma Dome) on July 11, 2019, included in Appendix B and Appendix C, respectively. The ELG developed their recommendation to the SEC and Sound Transit Board following a review of the technical analysis as well as public scoping, as summarized in Exhibit 7-1.

Subsequent to the SEC meeting, the full Sound Transit Board of Directors reviewed and approved Motions M2019-75 and M2019-77 at their meeting on July 25, 2019. The final TDLE preferred alternative and other alternatives for the Draft EIS recommended by the Sound Transit Board are shown on Exhibit 7-2.

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary

Tacoma Dome: Level 2 Technical Evaluation and Feedback summary

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feedback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
Alternatives with MORE POTENTIAL					
TD 2 **E 25th Street, West**	**Notable Advantages:** • Highest station access for people walking, biking, taking transit or driving • Close to other transit modes for ease of transfer (closest proximity to Tacoma Link) • Zoning and nearby amenities offer greater potential for housing and business development near station • Higher ridership potential **Notable Disadvantages:** • Higher potential impacts to businesses that are major economic activity generators along 25th Street • Highest preliminary estimate[1] based on alignment and station location	• **Survey[3]: high interest** in moving forward for further study • **Narrative public comments[4]:** received at least 90% support to move forward for further study	• Stated support from Puyallup Tribe of Indians, WSDOT, Pierce Transit, City of Tacoma Transportation Commission, Sustainable Tacoma Commission, and Downtown On the Go to move forward for further study • Concern for deeply buried cultural resources from State Department of Archeology and Historic Preservation • Pierce Transit: optimal for transit integration	• Connects to TOD and located at core of Dome District neighborhood • Shortest pedestrian connection to other transit modes • Elevated station is a concern in the urban core of Dome District • Concern that redevelopment of adjacent parcels is less desirable if the station is elevated • Safety concern for vehicle/pedestrian incidents crossing Tacoma Link tracks and E 25th St • An elevated alignment may be a challenge in this area because it's already saturated with amenities (Freighthouse Square, 25th Street, Tacoma Link, etc.) • Consider using Tacoma Link instead of regional light rail to extend to Tacoma Mall • Design refinements: ○ Preferred opportunity for underground station option ○ Consider a station located between TD 2 and TD 3 (TD 2.5) that straddles G Street • Access from both sides of G Street • If elevated, no opportunity to redevelop land underneath the station • Minimizes impact to existing businesses • Could accommodate tail track and future expansion	• **Recognized:** City of Tacoma support for this alternative; potential for deeply buried cultural, tribal resources (requires additional study) • **Design recommendation:** Adjust route and station to be within or as close to the Sounder corridor as possible • **EIS recommendation:** In addition to elevated station alignment, study location with cut-and-cover alignment
TD 3 **E 25th Street, East**	**Notable Advantages:** • Higher ridership potential than TD 4 alternatives • Fewer potential property impacts • Moderate rating for multimodal access (closer to buses, but farther from Tacoma Link) **Notable Disadvantages:** • Lower potential for development opportunities near station due to location in a light industrial zoning district	• **Survey[3]: medium interest** in moving forward for further study • **Narrative public comments[4]:** received at least 85% support to move forward for further study	• Stated support from Puyallup Tribe of Indians, City of Tacoma Transportation Commission, and Downtown On the Go to move forward for further study • Concern for deeply buried cultural resources from State Department of Archeology and Historic Preservation	• Closest to existing bus service • Too far from other modes (Tacoma Link); closer to East Tacoma station • Elevated station is a concern in the urban core of Dome District • Concern that redevelopment of adjacent parcels is less desirable if the station is elevated • An elevated alignment may be a challenge in this area because it's already saturated with amenities (Freighthouse Square, 25th Street, Tacoma Link, etc.) • Design refinements: ○ Preferred opportunity for underground station option ○ Consider a station located between TD 2 and TD 3 (TD 2.5) that straddles G Street • Access from both sides of G Street • If elevated, no opportunity to redevelop land underneath the station • Minimizes impact to existing businesses • Could accommodate tail track and future expansion	• **Recognized:** City of Tacoma support for this alternative; potential for deeply buried cultural, tribal resources (requires additional study) • **Design recommendation:** Adjust route and station to be within or as close to the Sounder corridor as possible

[1] Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.
[2] Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.
[3] Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.
[4] Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feedback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
Alternatives with GREATER CHALLENGES					
TD 1 **Puyallup Avenue**	**Notable Advantages:** • Higher ridership potential • Close to other transit modes for ease of transfer • Zoning and nearby amenities offer greater potential for housing and business development near station **Notable Disadvantages:** • Higher potential impacts to businesses that are major economic activity generators along Puyallup Avenue • Potential future extension to Tacoma Mall is most difficult	• **Survey[3]: medium interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• Puyallup Tribe of Indians: poor location choices due to congestion impacts and lack of multimodal connectivity • Concern for deeply buried cultural resources from State Department of Archeology and Historic Preservation	⊗ • Traffic impacts on main east-west connections, 26th Street and Puyallup Avenue, especially during Tacoma Dome events • Farther away from Dome District center • Potential for negative development impacts • Impacts to freight mobility	⊗ • **Reasoning:** Farther away from the Dome District center
TD 4 **E 26th Street**	**Notable Advantages:** • Potential future extension to Tacoma Mall is easier • Lowest preliminary estimate[1] based on alignment and station location **Notable Disadvantages:** • Farther from multimodal connections (majority of buses) • More difficult car access • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking • Likely impacts to tribal properties	• **Survey[3]: low interest** in moving forward for further study • **Narrative public comments[4]:** received at least 55% support to move forward for further study	• Puyallup Tribe of Indians: should be removed; most impactful to off-reservation trust lands • Concern for deeply buried cultural resources from State Department of Archeology and Historic Preservation	⊗ • 26th Street is a positive entry point into the City of Tacoma, visually and with existing amenity proximity • Considerable distance from existing bus service • Traffic impacts on main connections, 26th Street and D Streets, especially during Tacoma Dome events • Concern about potential impacts to BRT running on 26th Street • Negative impacts to tribal property • Visual impacts to D Street from tail tracks	⊗ • **Reasoning:** Negative impacts to tribal property
TD 4 **E 26th Street**	**Notable Advantages:** • Potential future extension to Tacoma Mall is easier • Fewer potential property impacts **Notable Disadvantages:** • Farthest from multimodal connections (Tacoma Link and bus) • More difficult car access • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking	• **Survey[3]: low interest** in moving forward for further study • **Narrative public comments[4]:** received at least 60% support to move forward for further study	• Puyallup Tribe of Indians: undesirable but warrants further study in a location that doesn't impact Tribal property • Stated support from City of Tacoma Sustainable Tacoma Commission • Concern for deeply buried cultural resources from State Department of Archeology and Historic Preservation	✓ • 26th Street is a positive entry point into the City of Tacoma, visually and with existing amenity proximity • Considerable distance from existing bus service • Traffic impacts on main connections, 26th Street and D Streets, especially during Tacoma Dome events • Concern about potential impacts to BRT running on 26th Street • Negative impacts to tribal property • Concern about visual impacts to D Street from tail tracks • Design refinements: ○ Greatest potential for underground station with connections to Sounder/bus ○ Less preferred location for underground station option	✓ • **Recognized:** City of Tacoma support for this alternative; likely negative impacts to tribal property (warrants additional study) • **Design recommendation:** Adjust/study station location closer to D Street

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feedback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
TD 4 WEST **E 26th Street to E 27th Street** *Both TD 4 West alternatives share same station location*	**Notable Advantages:** • Potential future extension to Tacoma Mall is easier **Notable Disadvantages:** • Farther from multimodal connection points • More difficult car access • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and associated parking • Higher number of potential property impacts	• **Survey[3]: low interest** in station moving forward for further study • **Route preference: low interest** in either route option • **Narrative public comments[4]:** *no clear preferences in written comments*	• Puyallup Tribe of Indians: poor location choices due to congestion impacts and lack of multimodal connectivity • Concern for deeply buried cultural resources from State Department of Archeology and Historic Preservation	✗ • Too far from parking garage and bus • Would require improved pedestrian access to station • Potential for negative impacts to businesses and D Street connection • Maybe more potential for more TOD development at Tacoma Dome	✗ • **Reasoning:** Too far from Tacoma Link and parking; impacts to Tacoma Dome
TD 4 WEST **E 27th Street** *Both TD 4 West alternatives share same station location*	**Notable Advantages:** • Potential future extension to Tacoma Mall is easier **Notable Disadvantages:** • Farther from multimodal connection points • More difficult car access • Lower potential for development opportunities near station due to surrounding land uses, fewer nearby amenities, and proximity to civic amenities and parking	• **Survey[3]: low interest** in station moving forward for further study • **Route preference: low interest** in either route option • **Narrative public comments[4]:** *no clear preferences in written comments*		✗ • Too far from parking garage and bus • Would require improved pedestrian access to station • Potential for negative impacts to businesses and D Street connection • Maybe more potential for more TOD development at Tacoma Dome	✗ • **Reasoning:** Too far from Tacoma Link and parking; impacts to Tacoma Dome
Other alternatives suggested by public					
A below-grade alignment and station alternative (40 scoping comments)	*NOT INCLUDED IN LEVEL 2 TECHINCAL EVALUATION*	• Stated support from Station Area Workshops, City of Tacoma Planning Commission, Dome Business District, New Tacoma Neighborhood Council, Historic Tacoma, Foss Waterway Development Authority • Puyallup Tribe of Indians: deeply concerned that tunneling would expose the project to potential catastrophic risks due to cultural resources and potential human remains		✓ • TD 2, TD 3, TD 4 E In-street alternatives identified as preferred opportunities for below-grade stations/routes • Could impact existing businesses	✓ • *Suggest for further study at TD 2 location*
An alignment and station over the existing Sounder ROW (5 scoping comments)	*NOT INCLUDED IN LEVEL 2 TECHINCAL EVALUATION*			✓ • Consider alignment that "hugs" Sounder to south • Consider stacking light rail over Sounder at the station and tail track • Follow the Sounder alignment as much as possible to minimize light rail footprint and reduce property impacts	• *Sound Transit did not recommend continued study due to operational constraints during construction and long-term operations; ELG agreed*
Other key considerations from the Stakeholder Group				• Maintain safe curves in the track and maintain route speed for efficiency of travel from South Federal Way to Tacoma Dome and consider long-term impact/ speed south of Tacoma Dome	

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

EAST TACOMA: Level 2 Technical Evaluation and Feedback summary

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feeback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
Alternatives with MORE POTENTIAL					
ET 3A **E 26th Street to E 25th Street** *Shares station location with ET 3B*	**Notable Advantages:** • Close to destinations and neighborhood south of I-5 • Fewer non-motorized barriers to access; better access to multimodal connections • More existing and potential development opportunity south of I-5 within walking distance • Alignment connects to more potential Tacoma Dome station alternatives TD 2 and TD 3 **Notable Disadvantages:** • Highest preliminary estimate[1] based on alignment and station location	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** more interest in 3A (East 26th Street to East 25th Street) • **Narrative public comments[4]:** received at least 70% support to move forward for further study	• Stated support from Puyallup Tribe of Indians and Pierce Transit • WSDOT: shorter distance to destinations on south side of I-5 • Stated support from City of Tacoma Transportation, Planning, and Sustainable Tacoma Commissions and Downtown on the Go • Pierce Transit: optimal for transit integration	• Station location is closer to community on south side of I-5 • More area around station to reimagine street grid • Most opportunity for future redevelopment • Highly visible from I-5 • No strong preference for 3A or 3B > flexibility for two different alignments into Tacoma Dome • Design refinement: consider a station bridging Portland Avenue ○ Entrances on either side of Portland Avenue ○ Could provide connection to McKinley via L Street ○ 26th Street is a positive entry point into the City of Tacoma, visually and proximity to existing amenities ○ Flexible transit options	• **Recongized:** Puyallup Tribe of Indians and City of Tacoma support • **Design/ EIS recommendation:** Include multimodal access (transit, ped/non-motorized, and/or shuttle) connection to south of I-5; also continue to consider this element as in-scope for overall project
Alternatives with GREATER CHALLENGES					
ET 1 **Puyallup Avenue**	**Notable Advantages:** • Closest to existing transit connections (bus) **Notable Disadvantages:** • Lower ridership potential • Farther from destinations south of I-5; more non-motorized barriers and more difficult car access • Highest potential property impacts • Higher potential for additional freight delay	• **Survey[3]: low interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• Puyallup Tribe of Indians: not supportive of ridership and connectivity	• Station location is too far from community on south side of I-5 • Perception is too close to Tacoma Dome station if west of Portland Avenue • Impacts to freight mobility and Port of Tacoma	• **Reasoning:** Puyallup Tribe of Indians does not support, too far from intended neighborhood served
ET 2 **E 25th Street**	**Notable Advantages:** • Alignment connects to more potential Tacoma Dome station alternatives TD 2 and TD 3 **Notable Disadvantages:** • Lower ridership potential • More barriers for pedestrians and bicyclists • Farther from destinations south of I-5 • More difficult car access • Higher potential for additional freight delay	• **Survey[3]: medium interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• Puyallup Tribe of Indians: not supportive of ridership and connectivity	• Station location is too far from community on south side of I-5 • Perception is too close to Tacoma Dome station if west of Portland Avenue • Impacts to freight mobility and Port of Tacoma • Adjacent to Sounder tracks and ROW, which limits space for development around the station	• **Reasoning:** Puyallup Tribe of Indians does not support, too far from intended neighborhood served
ET 3B **E 26th Street, East** *Shares station location with ET 3A*	**Notable Advantages:** • Close to destinations and neighborhood south of I-5 • Fewer non-motorized barriers to access; better access to multimodal connections • More existing and potential development opportunity south of I-5 within walking distance • Lowest preliminary estimate[1] based on alignment and station location **Notable Disadvantages:** • Alignment connects to more challenging Tacoma Dome station alternative TD 4	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** more interest in 3A (East 26th Street to East 25th Street) • **Narrative public comments[4]:** received at least 70% support to move forward for further study	• Stated support from Puyallup Tribe of Indians and Pierce Transit • WSDOT: shorter distance to destinations on south side of I-5 • Stated support from City of Tacoma Transportation, Planning, and Sustainable Tacoma Commissions and Downtown on the Go • Pierce Transit: optimal for transit integration	• Station location is closer to community on south side of I-5 • More area around station to reimagine street grid • Most opportunity for future redevelopment • Highly visible from I-5 • No strong preference for 3A or 3B ⊠ flexibility for two different alignments into Tacoma Dome	• **Recognized:** Puyallup Tribe of Indians, City of Tacoma support • **Design/EIS recommendation:** Include multimodal access (transit, ped/non-motorized, and/or shuttle) connection to south of I-5; also continue to consider this element as in-scope for overall project

[1] Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.
[2] Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.
[3] Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.
[4] Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feeback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
ET 5 **E 27th Street**	**Notable Advantages:** • Fewest businesses potentially impacted • Closest to destinations and neighborhood south of I-5 • Fewer non-motorized barriers to access; better access to multimodal connections • More existing and potential development opportunity south of I-5 within walking distance **Notable Disadvantages:** • Alignment connects to more challenging Tacoma Dome station alternative TD 4 • Greater potential impacts to tribal properties	• **Survey[3]: medium interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• Puyallup Tribe of Indians: would have individual member trust land impacts • WSDOT: shorter distance to destinations on south side of I-5	✗ • Space constrained and less opportunity for redevelopment • No existing proposal for connection from ET 5 to preferred Tacoma Dome station locations—would require additional alignment • Follows I-5 ROW and a positive entry point into the City of Tacoma, visually and proximity to existing amenities • More opportunity for community connection to south side of I-5 • Note: could bring back if need another option to study	✗ • **Reasoning:** Localized congestion, location too close to I-5
ET 6 **E 26th Street, West**	**Notable Advantages:** • No potential to affect historic resources **Notable Disadvantages:** • More difficult car access • Higher potential for additional freight delay • Farther from destinations and neighborhood south of I-5	• **Survey[3]:** low interest in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• Puyallup Tribe of Indians: important station location to study in the EIS	✗ • Adjacent to Sounder tracks and ROW, which limits space for development around the station • More business disruption • Station location is too far from community on south side of I-5	✓ • **Recognized:** Puyallup Tribe of Indians support as alternative station location • **Design considerations:** Avoid impacts to hotel; explore site as future parking access location • **EIS recommendation:** Consider if additional alternative to ET 3 is needed
Other alternatives suggested by public	*NOT INCLUDED IN LEVEL 2 TECHINCAL EVALUATION*	• A below-grade alignment and station alternative (less than five scoping comments) • An alignment and station alternative entirely along SR 99 or I-5 (less than five scoping comments) • An alignment and station alternative directly adjacent to the Sounder tracks (less than five scoping comments) • A station is not needed within ET (less than five scoping comments)			
Other key considerations from the Stakeholder Group				• Concern about cultural resources when considering tunnel route extending east of Puyallup River to Tacoma Dome • Maintain safe curves in the track and maintain route speed for efficiency of travel from South Federal Way to Tacoma Dome and consider long-term impact/ speed south of Tacoma Dome	

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

FIFE: Level 2 Technical Evaluation and Feedback summary

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feedback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
Alternatives with MORE POTENTIAL					
Fife 3A **North of 15th Street (I-5 route alignment)** *Shares station location with Fife 3B*	**Notable Advantages:** • Location in planned City Center offers greater potential for development opportunities near station • Lower potential impacts to natural environment • Lower potential property impacts than Fife 3B; lower potential residential displacements than Fife 4A/4B • Lowest preliminary estimate[1] based on alignment **Notable Disadvantages:** • More potential for impacts to view-dependent businesses	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** no clear preference between 3A and 3B • **Narrative public comments[4]:** received at least 60% support to move forward for further study	• Stated support from Puyallup Tribe of Indians • WSDOT: stated all station options support Fife's City Center plans • St. Paul Hasang Parish and the Archdiocese of Seattle are opposed to all Fife alternatives due to direct and indirect impacts (494 signatures received from parishioners)	• First choice of group for station and first choice for route • Fewer individual parcel impacts/ number of businesses, maybe not tax revenue • Large businesses along I-5 will require construction access, however, more opportunity to minimize these impacts for larger businesses compared to smaller businesses • Milton route option: Strong preference for the route in Milton to be along I-5 even if the South Federal Way route is along SR 99	• **Recognized:** City of Fife support (in conjunction with City Center plans); City of Milton supports the route along I-5 in Milton to avoid negative impacts on future development along SR 99 • **EIS recommendation:** Consider visual barrier caused by I-5 alignment, potential impacts to tribal property
Fife 3B **North of 15th Street (SR 99 route alignment)** *Shares station location with Fife 3A*	**Notable Advantages:** • Location in planned City Center offers greater potential for development opportunities near station • Lower potential impacts to natural environment • Lower potential residential displacements than Fife 4A/4B **Notable Disadvantages:** • Higher potential property impacts due to alignment on Pacific Highway • Higher preliminary estimate[1] based on alignment	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** no clear preference between 3A and 3B • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from City of Fife and Puyallup Tribe of Indians • City of Fife: strongly favors, most consistent with Fife plans, with some station and alignment modifications (shift station west, curve alignment west of commercial center with Poodle Dog) • WSDOT: stated all station options support Fife's City Center plans • St. Paul Hasang Parish and the Archdiocese of Seattle are opposed to all Fife alternatives due to direct and indirect impacts (494 signatures received from parishioners)	• First choice of group for station and second choice for route • More property impacts (number of businesses impacted) • Consider safety in this route and security > crime prevention through environmental design • Milton route option: Strong preference for the route in Milton to be along I-5 even if the South Federal Way route is along SR 99	• **Recognized:** Puyallup Tribe of Indians, City of Fife support (in conjunction with City Center plans) • **EIS recommendation:** Consider potential impacts to tribal property • **Long-term:** potential opportunity for future station in Fife
Alternatives with GREATER CHALLENGES					
Fife 1 **12th Street**	**Notable Advantages:** • Better car access **Notable Disadvantages:** • Lower ridership potential. • Zoning and a limited road network north of station show less potential for development opportunities near station • Higher potential ecosystem impacts. • Higher potential impacts to major economic activity generators • Highest preliminary estimate[1] based on alignment and station location	• **Survey[3]: low interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• City of Fife: less consistent with Fife plans • WSDOT: stated all station options support Fife's City Center plans • St. Paul Hasang Parish and the Archdiocese of Seattle are opposed to all Fife alternatives due to direct and indirect impacts (494 signatures received from parishioners)	• Group did not support this station location, but the route could avoid more business impacts if it extended farther west on 12th Street • Station is far from residential/ downtown and closer to the Port of Tacoma	• **Reasoning:** Would shift transit-oriented development too far north; this location includes better ped/bike access, but there are opportunities to create that elsewhere

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives internet online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feedback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
Fife 4A **South of 15th Street (I-5 route alignment)** *Shares station location with Fife 4B*	**Notable Advantages:** • Location in planned City Center indicates greater potential for development opportunities near station • Lowest preliminary estimate[1] based on alignment **Notable Disadvantages:** • Greatest potential residential property impacts (including Rainier View Senior Apartments) • More difficult car access. • Higher potential impacts to freight movement	• **Survey[3]: medium interest** in moving forward for further study • **Route preference:** no clear preference between 4A and 4B • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from Pierce Transit • City of Fife: less consistent with Fife plans • Pierce Transit: optimal for transit integration • WSDOT: stated all station options support Fife's City Center plans • St. Paul Hasang Parish and the Archdiocese of Seattle are opposed to all Fife alternatives due to direct and indirect impacts (494 signatures received from parishioners)	⊗ • More impacts to Fife City Center Plan • Negative impacts to senior and low-income housing. Displacement of these housing sources will be difficult to replace	⊗ • **Reasoning:** Puyallup Tribe of Indians does not support; localized congestion in vicinity
Fife 4B **South of 15th Street (SR 99 route alignment)** *Shares station location with Fife 4A*	**Notable Advantages:** • Location in planned City Center indicates greater potential for development opportunities near station **Notable Disadvantages:** • Higher potential property impacts due to alignment on Pacific Highway; higher potential residential property impacts (including Rainier View Senior Apartments) • Higher potential effects on freight movement • Higher preliminary estimate[1] based on alignment	• **Survey[3]: medium interest** in moving forward for further study • **Route preference:** no clear preference between 4A and 4B • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from Pierce Transit • City of Fife: less consistent with Fife plans • WSDOT: stated all station options support Fife's City Center plans • St. Paul Hasang Parish and the Archdiocese of Seattle are opposed to all Fife alternatives due to direct and indirect impacts (494 signatures received from parishioners)	⊗ • More impacts to Fife City Center Plan • Negative impacts to traffic and freight mobility • Some housing impacts	⊗ • **Reasoning:** Puyallup Tribe of Indians does not support; localized congestion in vicinity
Other alternatives suggested by public					
Other alternatives suggested by public	*NOT INCLUDED IN LEVEL 2 TECHINCAL EVALUATION*	• An alignment and station alternative entirely along SR 99 or I-5 (less than five scoping comments)			
Other key considerations from the Stakeholder Group				• Maintain safe curves in the track and maintain route speed for efficiency of travel from South Federal Way to Tacoma Dome and consider long-term impact/ speed south of Tacoma Dome	

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

SOUTH FEDERAL WAY: Level 2 Technical Evaluation and Feedback summary

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feeback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
Alternatives with MORE POTENTIAL					
SF 2 West **Enchanted/ 352nd**	**Notable Advantages:** • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities • Better multimodal station access (good pedestrian infrastructure) **Notable Disadvantages:** • Greater construction challenges due to crossing spans over both 348th Street and Enchanted Parkway	• **Survey[3]: high interest** in moving forward for further study • **Narrative public comments[4]:** received at least 50% support to move forward for further study	• WSDOT: greater TOD potential and multimodal access • King County Metro: not as supportive of multimodal connections • City of Federal Way: benefits for multimodal station access	✓ • More TOD potential • Concern about increased traffic congestion in an already-congested area	★ • **Recognized:** City of Federal Way support, including long-term potential for economic development and transit-oriented development
SF 8/9 **I-5/356th and I-5/Jet**	**Notable Advantages:** • Lower potential property impacts • Lowest preliminary estimate[1] based on alignment and station location **Notable Disadvantages:** • Lower ridership potential than SF 4 alternatives • Lower potential for development opportunities near station due to proximity to I-5, topographic and other barriers, and fewer nearby amenities • Farther from bus service • Higher potential impacts to ecosystems	• **Survey[3]: medium interest** in moving forward for further study • **Narrative public comments[4]:** received at least 55% support to move forward for further study	• WSDOT: lower potential property impacts but limited walkshed and TOD potential • City of Federal Way: could impact I-5/SR 161/SR 18 Triangle Improvements, evaluate pedestrian bridge • King County Metro: least supportive of multimodal connections	✗ • Considerable existing traffic congestion in the area, especially from the west • Alignment going over SR 18 would need to be very elevated • Minimal development/ TOD opportunities • Fewer property impacts	✓ • **Recognized:** City of Federal Way support, however more limited development potential than SF 2 West due to poor access and congestion • **EIS recommendation:** Consider if alternative needed for SF 2 West station location
SF 4C **SR 99 North (I-5 to SR 99 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities • Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders) **Notable Disadvantages:** • More difficult car access • Higher potential property impacts (though less than SF 4A/4B) • Higher potential impacts to ecosystems	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** most interest in 4C (I-5 to SR 99) • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from King County Metro (all SF 4 options), Pierce Transit (all SF 4 options) • Puyallup Tribe of Indians: SR 99 alignment would pose a multitude of tribal trust property impacts • Puyallup Tribe of Indians: SR 99 alignment would pose a multitude of tribal trust property impacts • WSDOT: greater TOD potential and multimodal access • City of Federal Way: SR 99 alignment south of station would impact streams and wetlands; SR 99 better served by existing bus transit, not supported due to completed improvements on SR 99	✓ • Design refinement: Consider bringing route back to I-5 near Pierce County line • Group likes station location due to proximity/ central location and alignment of technical analysis with public interest • Group likes route as uses I-5 in northern reach • Consider tribal impacts	✗ • **Reasoning:** Puyallup Tribe of Indians does not support due to negative property impacts at southern reach of SR 99; City of Federal Way does not support as this location is far from activity center (requiring longer track), juxtaposes urban infrastructure with rural community, and could have negative environmental/ wetland impacts • **Design recommendation:** SF 4 station location has high potential for transit-oriented development. ELG recommends working with the City of Federal Way to support more mixed use transit-oriented development at preferred site options

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feeback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
SF 4D **SR 99 North (I-5 to SR 99 to I-5 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives) • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities • Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders) **Notable Disadvantages:** • More difficult car access • Higher potential property impacts (though less than other SF 4 alternatives) • Greater construction challenges due to two crossings of SR 99, including a wide crossing	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** some interest in 4B (SR 99) and 4D (I-5 to SR 99 to I-5) • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from King County Metro (all SF 4 options), Pierce Transit (all SF 4 options) • WSDOT: greater TOD potential and multimodal access • City of Federal Way: not supported due to completed improvements on SR 99	✓ • Group likes station location due to proximity/ central location and alignment of technical analysis with public interest • Group likes route as uses I-5 in northern reach • Consider potential tribal impacts	✗ • **Reasoning:** Puyallup Tribe of Indians does not support due to negative property impacts at southern reach of SR 99; City of Federal Way does not support as this location is far from activity center (requiring longer track), juxtaposes urban infrastructure with rural community, and could have negative environmental/ wetland impacts • **Design recommendation:** SF 4 station location has high potential for transit-oriented development. ELG recommends working with the City of Federal Way to support more mixed use transit-oriented development at preferred site options
Alternatives with GREATER CHALLENGES					
SF 2 East **Enchanted/ 352nd**	**Notable Advantages:** • Moderate ridership potential • Fewer potential property impacts than SF 4 alternatives **Notable Disadvantages:** • Potential impacts to businesses and properties on east side of Enchanted Parkway • Moderately less potential for development opportunities near the station compared to SF 2 West due to proximity to I-5	• **Survey[3]: medium interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• No notable comments	✗ • Considerable existing traffic congestion in this area • Potential hazardous materials due to gas station	✓ • **EIS recommendation:** Use as design alternative if needed to SF 2 West station location
SF 3 **Enchanted/ 356th**	**Notable Advantages:** • Similar to SF 2 West, but like SF 2 East, runs on east side of Enchanted Parkway with potential property impacts • Better car access • Fewer property acquisitions than SF 4 alternatives **Notable Disadvantages:** • Lower rating for pedestrian and bike access • Lower potential for development opportunities near the station due to proximity to I-5, topographic and other barriers, and fewer nearby amenities	• **Public interest survey[3]: low interest** in moving forward for further study • **Narrative public comments[4]:** *no clear preferences in written comments*	• City of Federal Way: similar to SF 8/9, but more costly and with more business impacts	✗ • Considerable existing traffic congestion in this area • Potential hazardous materials due to gas station	✗ • **Reasoning:** Localized congestion in vicinity

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-1
Level 2 Technical Evaluation and Feedback Summary, continued

ELG preferred alternative for further study in EIS | Recommended for further study in EIS | Not recommended for further study in EIS

Alternatives	Technical Analysis	Public Feedback[2]	Distinguishing Tribal, Agency or Organization Feeback[2]	Stakeholder Group Feedback	Elected Leadership Group Recommendation
SF 4A **SR 99 North (SR 99 to I-5 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives) • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities • Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders) **Notable Disadvantages:** • Highest potential property impacts • More difficult car access • Greater construction challenges due to guideway parallel to high voltage transmission lines and wide crossing over SR 99 at 327th	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** least interest in 4A (SR 99 to I-5) • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from King County Metro (all SF 4 options), Pierce Transit (all SF 4 options) • Puyallup Tribe of Indians: SR 99 alignment would pose a multitude of tribal trust property impacts • City of Federal Way: SR 99 alignment north of station would impact completed roadway improvements and businesses • Pierce Transit: optimal for transit integration	⊗ • Group likes station location • Group does not like SR 99 route connection north of station due to property impacts	⊗ • **Reasoning:** Puyallup Tribe of Indians does not support due to negative property impacts at southern reach of SR 99; City of Federal Way does not support as this location is far from activity center (requiring longer track), juxtaposes urban infrastructure with rural community, and could have negative environmental/ wetland impacts • **Design recommendation:** SF 4 station location has high potential for transit-oriented development. ELG recommends working with the City of Federal Way to support more mixed use transit-oriented development at preferred site options
SF 4B **SR 99 North (SR 99 route alignment)** *All SF 4 alternatives share same station location*	**Notable Advantages:** • Higher ridership potential (shares station location with other SF 4 alternatives) • Greater potential for development opportunities near station due to having more land for redevelopment and more nearby amenities • Closest to bus service and existing underutilized Park & Ride at 348th Street (could provide additional parking for Link riders) **Notable Disadvantages:** • Highest potential property impacts • More difficult car access • Greater construction challenges due to guideway parallel to high-voltage transmission lines and wide crossing over SR 99 at 327th • Highest preliminary estimate1 based on alignment and station location	• **Survey[3]: high interest** in moving forward for further study • **Route preference:** some interest in 4B (SR 99) and 4D (1-5 to SR 99 to I-5) • **Narrative public comments[4]:** *no clear preferences in written comments*	• Stated support from King County Metro (all SF 4 options), Pierce Transit (all SF 4 options) • Puyallup Tribe of Indians: SR 99 alignment would pose a multitude of tribal trust property impacts • City of Federal Way: SR 99 alignment north of station would impact completed roadway improvements and businesses; SR 99 alignment south of station would impact streams and wetlands; SR 99 better served by existing bus transit • Pierce Transit: optimal for transit integration	⊗ • Group likes station location • Group does not like SR 99 route connection north of station due to property impacts	⊗ • **Reasoning:** Puyallup Tribe of Indians does not support due to negative property impacts at southern reach of SR 99; City of Federal Way does not support as this location is far from activity center (requiring longer track), juxtaposes urban infrastructure with rural community, and could have negative environmental/ wetland impacts • **Design recommendation:** SF 4 station location has high potential for transit-oriented development. ELG recommends working with the City of Federal Way to support more mixed use transit-oriented development at preferred site options
Other alternatives suggested by public	*NOT INCLUDED IN LEVEL 2 TECHINCAL EVALUATION*	• An alignment and station alternative entirely along SR 99 (less than five scoping comments)			
Other key considerations from the Stakeholder Group				• Consider how potential OMF South sites will impact route alternatives • Maintain safe curves in the track and maintain route speed for efficiency of travel from South Federal Way to Tacoma Dome and consider long-term impact/ speed south of Tacoma Dome	

[1] *Preliminary estimates are not the project's budget. They are for use as comparisons among alternatives.*
[2] *Abbreviated summary of key alternative feedback. All feedback will be reviewed by the Sound Transit Board and the Federal Transit Administration.*
[3] *Based on results from Tacoma Dome alternatives interest online/handwritten survey fielded during environmental scoping period; number of responses out of 177 total respondents. Results not statistically valid as all participants were self-selected and respondents could make more than one selection. Participants were asked to rate alternatives on a scale from one to five, where one signified low interest and five indicated high interest.*
[4] *Percentages reflect only those comments that indicated support or opposition to a particular alignment and are a subset of the overall public comments received.*

EXHIBIT 7-2
Preferred Alternative and Other Alternatives for the EIS

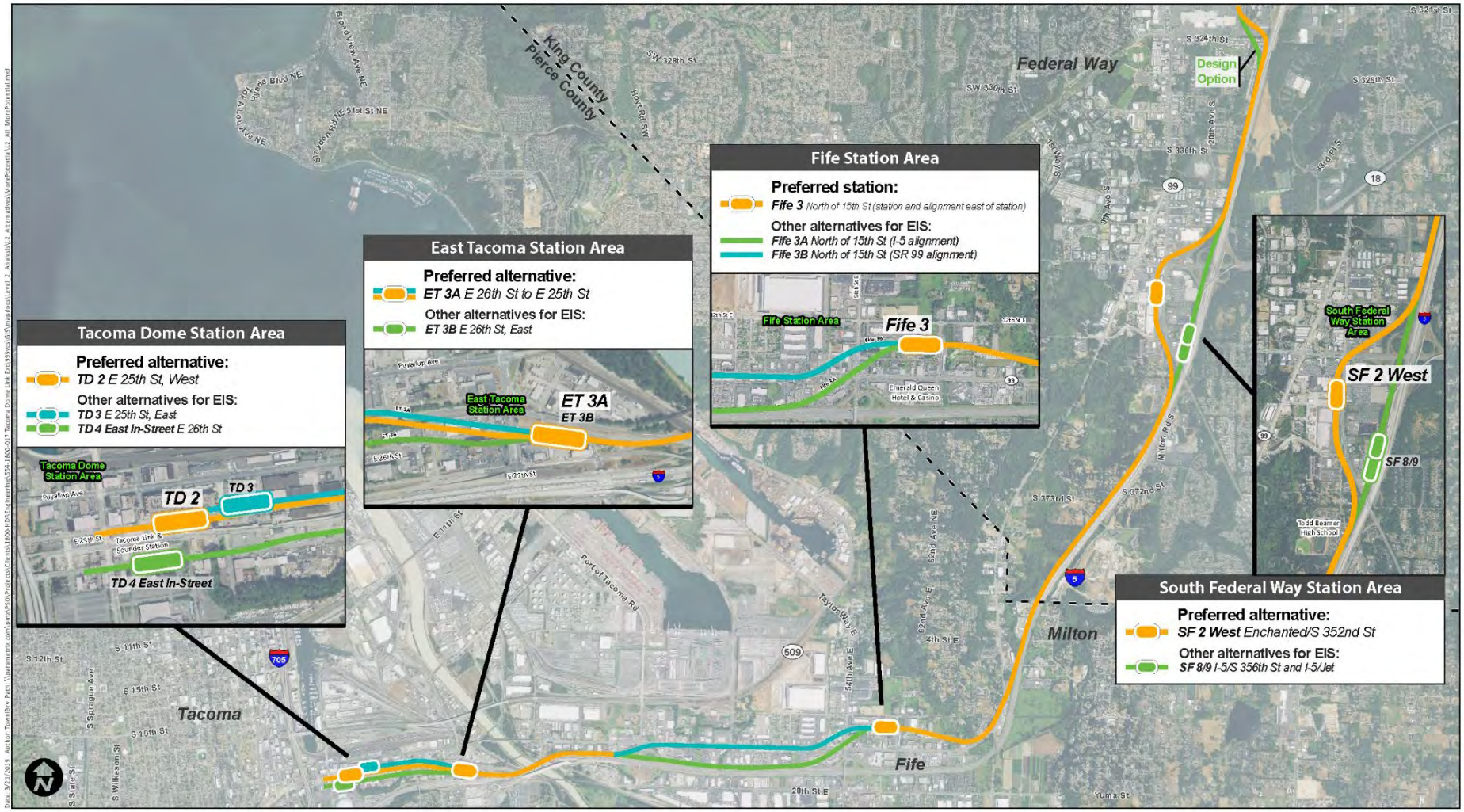

SOUNDTRANSIT

PREFERRED ALTERNATIVE AND OTHER ALTERNATIVES FOR EIS

ALL STATION AREAS

TACOMA DOME LINK EXTENSION

ILLUSTRATION PURPOSES ONLY; NOT TO SCALE; DRAFT 8/14/2019

8 References

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Sound Transit. 2018. Early Scoping Summary Report. Prepared by Parametrix, Seattle, Washington. June 2018.

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Appendix A

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 2 West Enchanted/352nd	SF 2 East Enchanted/352nd	SF 3 Enchanted/356th	SF 4A 99 North (SR 99 to I-5)	SF 4B 99 North (SR 99)
		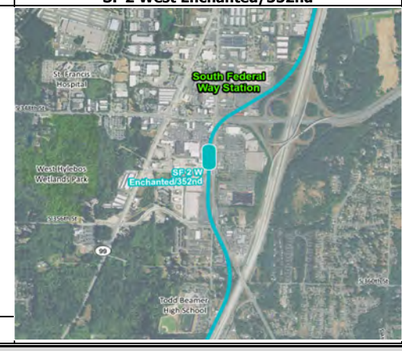		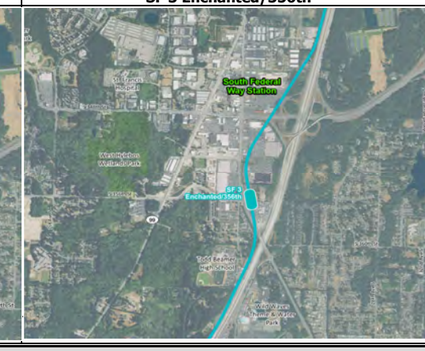		
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs						
L2.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 MPH	Moderate percentage of alignment below 55 mph (16.3%); mid-alignment length; 0.15 miles longer than the shortest SF alternative	Moderate percentage of alignment below 55 mph (15.6%); mid-alignment length; 0.12 miles longer than the shortest SF alternative	Low percentage of alignment below 55 mph (10.5%); shorter alignment length; 0.05 miles longer than the shortest SF alternative	Highest percentage of alignment below 55 mph (29.7%); longer alignment length; 0.35 miles longer than the shortest SF alternative	Moderate percentage of alignment below 55 mph (17.6%); longer alignment length; 0.17 miles longer than the shortest SF alternative
L2.2: Daily and annual projected project ridership (2042)	Average daily projected riders (baseline estimate provided for South Federal Way station area, with qualitative differences noted for station/alignment alternatives) **South Federal Way: 12,730 Daily NB; 12,730 Daily SB**	Moderate ridership potential due to relative potential for transit-oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).	Moderate ridership potential due to relative potential for transit-oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).	Moderate ridership potential due to relative potential for transit-oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).	Higher ridership potential due to relative potential for transit-oriented development growth and multimodal station access.	Higher ridership potential due to relative potential for transit-oriented development growth and multimodal station access.
L2.3: Projected station boardings (2042)	Projected station boardings (baseline estimate provided for South Federal Way station area, with qualitative differences noted for station/alignment alternatives) **South Federal Way: 1,100 daily NB boardings; 330 daily SB boardings**	Moderate level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).	Moderate level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).	Moderate level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).	Higher level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access.	Higher level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access.
L2.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial Centers	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.
L2.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future (2040) pop and employment densities within 10-minute walkshed (PSRC Land Use Vision Dataset)	Population densities (existing 236/future 259) and employment densities (existing 66/ future 85). High population density, high population growth. Medium job density, high job growth.	Population densities (existing 236/ future 259) and Employment densities (existing 66/future 85). High population density, high population growth. Medium job density, high job growth.	Population densities (existing 235/future 250) and employment densities (existing 52/future 62). High population density, medium population growth. Low job density, low job growth.	Population densities: existing 128/future 161 Employment densities: existing 65/future 95 Lowest population density, high population growth. Medium job density, high job growth.	Population densities: existing 128/future 161 Employment densities: existing 65/ future 95 Lowest population density, high population growth. Medium job density, high job growth.
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access						
L2.6: Consistency with civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral", or "inconsistent with TOD around alternative location"(-)	Land use, zoning not compatible with mixed-use transit-oriented development with mixed residential and commercial uses in proximity to transit.	Land use, zoning not compatible with mixed-use transit-oriented development with mixed residential and commercial uses in proximity to transit.	Land use, zoning not compatible with mixed-use transit-oriented development with mixed residential and commercial uses in proximity to transit. Small amount of land zoned for multifamily nearby; however, it is not a material amount and is recently built-out so unlikely to increase in the near future.	Close to zoning that allows for a range of amenities and land to the west that is zoned for residential development.	Close to zoning that allows for a range of amenities and land to the west that is zoned for residential development.
L2.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within a ¼ mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop' . This alternative has a greater amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is farther from I-5, which results in more land overall that could redevelop. (4,753,000 SF total land, 100% classified as lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a moderate amount of total land within the 1/4 mile walking distance compared to other alternatives. (4,440,000 SF total land, 100% classified as lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop' . This alternative has a moderate amount of total land within the 1/4 mile walking distance compared to other alternatives. (4,372,000 SF total land; 221,000 SF of land with a greater likelihood to redevelop; 4,152,000 SF of land lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a greater amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is farther from I-5, which results in more land overall that could redevelop. (4,622,000 SF total land, 100% classified as lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a greater amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is farther from I-5, which results in more land overall that could redevelop. (4,622,000 SF total land, 100% classified as lower likelihood to redevelop)
L2.8: Detailed evaluation of nonmotorized barriers within a ½ mile of the station	Assessment of barriers within half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways)	Station is one of the best from a barriers point of view. Even though it has many large roads surrounding it (Enchanted Parkway, SR 99, 348th Street to the north,) it is on the same block as all the amenities at Federal Way Crossings, and the crossing over 352nd Street is relatively less difficult compared to other alternatives.	Station has good connectivity because it spans 352nd Street; however, it is impacted by the barrier of I-5 to the east, and is not as proximal (across Enchanted Parkway) from the majority of the amenities (at Federal Way Crossings). There is also a relatively steep grade between the sidewalk on Enchanted Parkway and the station ground level.	This station has lower connectivity because it is bounded by I-5 with one nearby overpass with sidewalks that end on the other side. Enchanted Parkway to the west is a wide crossing. The Washington State Department of Transportation's planned exit ramps and roundabout will create additional nonmotorized barriers. There is a substantial grade change to the west that limits the potential for future connectivity across Enchanted Parkway. Barriers will be difficult to overcome even with infrastructure investments.	This station has access challenges as the pedestrian crossing across SR 99/Pacific Highway is challenging (seven lanes of traffic) and the crossing lights are slow and infrequent. To the west, the Hylebos Wetland Park creates a barrier for development, but also an amenity. The connection west along 348th Street toward the residential neighborhoods is excellent and has little topography challenges. The station currently spans 348th Street and this is a significant asset from a "barriers" point of view since the difficult at-grade crossing is mitigated for people arriving or departing by light rail.	This station has access challenges as the pedestrian crossing across SR 99 is challenging (seven lanes of traffic) and the crossing lights are slow and infrequent. To the west, the Hylebos Wetland Park creates a barrier for development, but also an amenity. The connection west along 348th Street toward the residential neighborhoods is excellent and has little topography challenges. The station currently spans 348th Street and this is a significant asset from a "barriers" point of view since the difficult at-grade crossing is mitigated for people arriving or departing by light rail.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 4C 99 North (I-5 to SR 99)	SF 4D 99 North (I-5 to SR 99 to I-5)	SF 8 I-5/356th	SF 9 I-5/Jet
		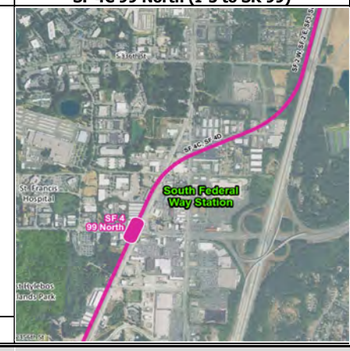			
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs					
L2.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 MPH	Lower percentage of alignment below 55 mph (0.0%); longer alignment length; 0.29 miles longer than the shortest SF alternative	Moderate percentage of alignment below 55 mph (12.7%); longer alignment length; 0.39 miles longer than the shortest SF alternative	Lower percentage of alignment below 55mph (0.0%); shorter alignment length (4.29 miles).	Lower percentage of alignment below 55 mph (0.0%); shorter alignment length (4.29 miles).
L2.2: Daily and annual projected project ridership (2042)	Average daily projected riders (baseline estimate provided for South Federal Way station area, with qualitative differences noted for station/alignment alternatives) **South Federal Way: 12,730 Daily NB; 12,730 Daily SB**	Higher ridership potential due to relative potential for transit-oriented development growth and multimodal station access.	Higher ridership potential due to relative potential for transit-oriented development growth and multimodal station access.	Moderate ridership potential due to relative potential for transit-oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).	Moderate ridership potential due to relative potential for transit-oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).
L2.3: Projected station boardings (2042)	Projected station boardings (baseline estimate provided for South Federal Way station area, with qualitative differences noted for station/alignment alternatives) **South Federal Way: 1,100 daily NB boardings; 330 daily SB boardings**	Higher level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access.	Higher level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access.	Moderate level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).	Moderate level of projected station boardings due to relative potential for transit-oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).
L2.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial Centers	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.
L2.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future (2040) pop and employment densities within 10-minute walkshed (PSRC Land Use Vision Dataset)	Population densities: existing 128/future 161 Employment densities: existing 65/future 95 Lowest population density, high population growth. Medium job density, high job growth.	Population densities: existing 128/future 161 Employment densities: existing 65/future 95 Lowest population density, high population growth. Medium job density, high job growth.	Population densities: existing 326/future 344 Employment densities: existing 70/future 82 Highest population density, lowest population growth. Highest job density, lowest job growth.	Population densities: existing 326/future 344 Employment densities: existing 70/future 82 Highest population density, lowest population growth. Highest job density, lowest job growth.
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access					
L2.6: Consistency with civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral", or "inconsistent with TOD around alternative location"(-)	Close to zoning that allows for a range of amenities and land to the west that is zoned for residential development.	Close to zoning that allows for a range of amenities and land to the west that is zoned for residential development.	Land use, zoning not compatible with mixed-use transit-oriented development. Small amount of land zoned for multifamily nearby; however, it is not a material amount and is recently built-out so unlikely to increase in the near future.	Land use, zoning not compatible with mixed-use transit-oriented development. Small amount of land zoned for multifamily nearby; however, it is not a material amount and is recently built-out so unlikely to increase in the near future.
L2.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within a ¼ mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a greater amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is farther from I-5, which results in more land overall that could redevelop. (4,622,000 SF total land, 100% classified as lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a greater amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is farther from I-5, which results in more land overall that could redevelop. (4,622,000 SF total land, 100% classified as lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a lower amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is adjacent to I-5, which results in less land overall that is available for redevelopment. (3,031,000 SF total land; 221,000 SF of land with a greater likelihood to redevelop; 2,811,000 SF of land with lower likelihood to redevelop)	Most land in the South Federal Way station area is classified as 'land with a lower likelihood to redevelop'. This alternative has a lower amount of total land within the 1/4 mile walking distance compared to other alternatives. This station is adjacent to I-5, which results in less land overall that is available for redevelopment. (3,031,000 SF total land; 221,000 SF of land with a greater likelihood to redevelop; 2,811,000 SF of land with lower likelihood to redevelop)
L2.8: Detailed evaluation of nonmotorized barriers within a ½ mile of the station	Assessment of barriers within half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways)	This station has access challenges as the pedestrian crossing across SR 99 is challenging (seven lanes of traffic) and the crossing lights are slow and infrequent. To the west, the Hylebos Wetland Park creates a barrier for development, but also an amenity. The connection west along 348th Street toward the residential neighborhoods is excellent and has little topography challenges. The station currently spans 348th Street and this is a significant asset from a "barriers" point of view since the difficult at-grade crossing is mitigated for people arriving or departing by light rail.	This station has access challenges as the pedestrian crossing across SR 99 is challenging (seven lanes of traffic) and the crossing lights are slow and infrequent. To the west, the Hylebos Wetland Park creates a barrier for development, but also an amenity. The connection west along 348th Street toward the residential neighborhoods is excellent and has little topography challenges. The station currently spans 348th Street and this is a significant asset from a "barriers" point of view since the difficult at-grade crossing is mitigated for people arriving or departing by light rail.	This station has lower connectivity. The station is bounded by I-5 with one nearby overpass with sidewalks that end on the other side. Enchanted Parkway to the west is a wide crossing. The Washington State Department of Transportation's planned exit ramps and roundabout will create additional nonmotorized barriers. There is a substantial grade change to the west that limits the potential for future connectivity across Enchanted Parkway. This location is also located at the top of a steep grade from Enchanted Parkway.	This station has lower connectivity. The station is bounded by I-5 with one nearby overpass with sidewalks that end on the other side. Enchanted Parkway to the west is a wide crossing. The Washington State Department of Transportation's planned exit ramps and roundabout will create additional nonmotorized barriers. There is a substantial grade change to the west that limits the potential for future connectivity across Enchanted Parkway. This location is bounded by I-5 and Enchanted Parkway to the south and is most impacted by the steep grade west of Enchanted Parkway.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 2 West Enchanted/352nd	SF 2 East Enchanted/352nd	SF 3 Enchanted/356th	SF 4A 99 North (SR 99 to I-5)	SF 4B 99 North (SR 99)
		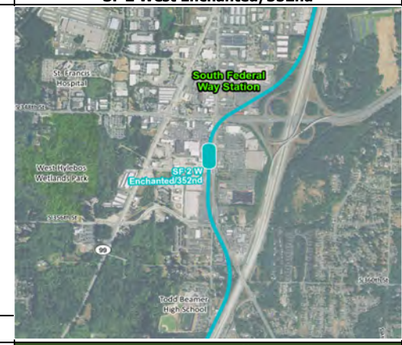		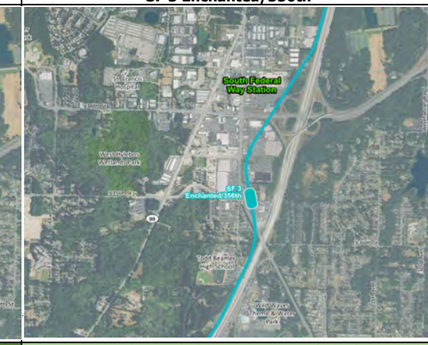		
L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	This alternative could impact the Biscuits Café, Puerto Vallarta Mexican Restaurant, and the BECU, but mostly leaves Federal Way Crossings intact. It also could impact the gravel pit, which is incompatible as a transit-oriented development amenity. Better connectivity to retail for purchases, but fewer service amenities than SF-4.	There is a good mix of amenities (including Children's Hospital Clinic), including a connection to the Federal Way Crossings retail area. However, there is more limited retail on the same side of the road. Costco and Home Depot are nearby, but both of these retailers sell products (or quantities) that are difficult to move without a car. Since these retailers are large and profitable, it may slow the turnover of these large parcels into a more transit-oriented development urban land pattern.	This station is located just south of the Home Depot. It is farther from Federal Way Crossings, and has no amenities that would characterize complete walkable neighborhoods to the south or east of the station. To the southwest is Todd Beamer High School.	This location is near good retail amenities at Federal Way Crossings across the street as well as many retail amenities on the west side of SR 99, including a medical office, social services, after-school programs, child care/pre-school, yoga, etc. This station also has good access to the Hylebos Wetlands Park, which could serve as a good recreational amenity.	This location is near good retail amenities at Federal Way Crossings across the street as well as many retail amenities on the west side of SR 99, including a medical office, social services, after-school programs, child care/pre-school, yoga, etc. This station also has good access to the Hylebos Wetlands Park, which could serve as a good recreational amenity.
L2.10: Proximity to existing transit service and level of transit service diversion required	Distance to nearest existing bus stop with at least 30-minute headways; measure of the level of diversion that could be required.	Moderate distance (445 feet) from the southbound bus stop at Enchanted Parkway and S 352nd St Moderate amount of transit diversion	Shorter distance (270 feet) from the northbound bus stop at Enchanted Parkway and S 352nd St Lower amount of transit diversion	Moderate distance (385 feet) from the northbound bus stop at Enchanted Parkway and S 356th St Moderate amount of transit diversion	Shortest distance (200 feet) from the southbound bus stop at Pacific Highway and S 348th St Least amount of transit diversion	Shortest distance (200 feet) from the southbound bus stop at Pacific Highway and S 348th St Least amount of transit diversion
	Distance to nearest rail platform based on proposed station concepts (TACOMA DOME)	N/A	N/A	N/A	N/A	N/A
L2.11: Ease of vehicular pick-up/drop-off for a variety of users	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion using proposed station concepts.	•Drivers from all directions would be able to access the pick-up/drop-off area and then continue in any direction •Left-turn access out of the lot possible at west driveway •Left turns out of the lot may incur more delay than SF 3, SF 8, and SF 9	•Drivers from all directions would be able to access the off-street lot and then continue in any direction •Left turns out of the lot may incur more delay than SF 3, SF 8, and SF 9 •Left-turn access in and out of the lot currently permitted; may not be maintained due to proximity to S 352nd Street/ Enchanted Parkway S signal and increased garage volumes	•Due to the presence of the roundabouts, drivers from all directions would be able to access the pickup/drop-off area and then continue in any direction except directly eastbound on SR 18 or southbound on I-5 •Some routes would be more circuitous than SF 8 and SF 9	•Left-turn ingress and egress to and from the off-street lot is prohibited at S 348th Street and Pacific Highway S •Access would be very limited for many drivers •The limitations on left turns make this the most difficult station for ingress and egress	•Left-turn ingress and egress to and from the off-street lot is prohibited at S 348th Street and Pacific Highway S •Access would be very limited for many drivers •The limitations on left turns make this the most difficult station for ingress and egress
L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.22 Funded: 0.22	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.21 Funded: 0.21	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.22 Funded: 0.22 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to bicycle access directly adjacent to the station.	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.14 Funded: 0.14	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.14 Funded: 0.14
L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	High ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.82 Funded: 0.86	High ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.82 Funded: 0.86	Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.65 Funded: 0.69 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to pedestrian access directly adjacent to the station.	High ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.82 Funded: 0.84	High ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.82 Funded: 0.84
		Objective: Preserve the Environment				
L2.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	Small, isolated wetlands along I-5	Small, isolated wetlands along I-5	Small, isolated wetlands along I-5	Small, isolated wetlands along I-5	Large, high-quality wetlands near WF Hylebos Creek crossing
L2.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within 100-foot buffer of each alternative	Long, parallel impacts to East Fork Hylebos tributary, impacts to lower West Fork Hylebos riparian area	Long, parallel impacts to East Fork Hylebos tributary, impacts to lower West Fork Hylebos riparian area	Long, parallel impacts to East Fork Hylebos tributary, impacts to lower West Fork Hylebos riparian area	Impacts lower West Fork Hylebos riparian area	Crosses open, high-quality reach of West Fork Hylebos Creek
L2.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary
L2.17: Potential effects to vegetated areas	Estimated area of vegetation removal	Impacts mainly along a disturbed strip of vegetation along I-5; includes substantial number of trees removed	Impacts mainly along a disturbed strip of vegetation along I-5; includes substantial number of trees removed	Impacts mainly along a disturbed strip of vegetation along I-5	Minor impacts northern half	Moderate impacts to high-quality habitat along West Fork Hylebos Creek
L2.18: Potential effects to floodplains	Number of impacts to or floodplains/floodways (additive) within 100-foot buffer	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 4C 99 North (I-5 to SR 99)	SF 4D 99 North (I-5 to SR 99 to I-5)	SF 8 I-5/356th	SF 9 I-5/Jet
				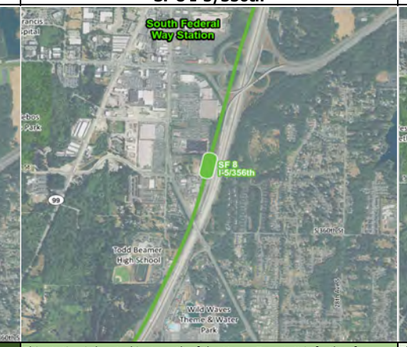	
L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	This location is near good retail amenities at Federal Way Crossings across the street as well as many retail amenities on the west side of SR 99, including a medical office, social services, after-school programs, child care/pre-school, yoga, etc. This station also has good access to the Hylebos Wetlands Park, which could serve as a good recreational amenity.	This location is near good retail amenities at Federal Way Crossings across the street as well as many retail amenities on the west side of SR 99, including a medical office, social services, after-school programs, child care/pre-school, yoga, etc. This station also has good access to the Hylebos Wetlands Park, which could serve as a good recreational amenity.	This station is located just south of the Home Depot. It is farther from Federal Way Crossings, and has no amenities that would characterize complete walkable neighborhoods to the south or east of the station. To the southwest is Todd Beamer High School.	This station has no amenities to the south or east, except Todd Beamer High School to the southwest. Retail amenities clustered around 348th Street can be accessed to north via a several minute walk.
L2.10: Proximity to existing transit service and level of transit service diversion required	Distance to nearest existing bus stop with at least 30-minute headways; measure of the level of diversion that could be required.	Shortest distance (200 feet) from the southbound bus stop at Pacific Highway and S 348th St Least amount of transit diversion	Shortest distance (200 feet) from the southbound bus stop at Pacific Highway and S 348th St Least amount of transit diversion	Further distance (975 feet) from the northbound bus stop at Enchanted Parkway and S 356th St Higher amount of transit diversion	Further distance (1,070 feet) from the northbound bus stop at Enchanted Parkway and S 356th St Highest amount of transit diversion
	Distance to nearest rail platform based on proposed station concepts (TACOMA DOME)	N/A	N/A	N/A	N/A
L2.11: Ease of vehicular pick-up/drop-off for a variety of users	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion using proposed station concepts.	•Left-turn ingress and egress to and from the off-street lot is prohibited at S 348th Street and Pacific Highway S •Access would be very limited for many drivers •The limitations on left turns make this the most difficult station for ingress and egress	•Left-turn ingress and egress to and from the off-street lot is prohibited at S 348th Street and Pacific Highway S •Access would be very limited for many drivers •The limitations on left turns make this the most difficult station for ingress and egress	•Due to the presence of the roundabouts, drivers from all directions would be able to access the pickup/drop-off area and then continue in any direction except eastbound on SR 18 or southbound on I-5	•Due to the presence of the roundabouts, drivers from all directions would be able to access the pickup/drop-off area and then continue in any direction except directly eastbound on SR 18 or southbound on I-5
L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.14 Funded: 0.14	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.14 Funded: 0.14	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.27 Funded: 0.27 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to bicycle access directly adjacent to the station.	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.24 Funded: 0.24 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to bicycle access directly adjacent to the station.
L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	High ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.82 Funded: 0.84	High ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.82 Funded: 0.84	Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.66 Funded: 0.70 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to pedestrian access directly adjacent to the station.	Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.66 Funded: 0.70 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to pedestrian access directly adjacent to the station.
		Objective: Preserve the Environment			
L2.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	Large, high-quality wetlands near WF Hylebos Creek crossing	Small, isolated wetlands along I-5	Small, isolated wetlands along I-5	Small, isolated wetlands along I-5
L2.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within 100-foot buffer of each alternative	Brief parallel impact to East Fork Hylebos tributary, crosses open, high-quality reach of West Fork Hylebos Creek	Brief parallel impact to East Fork Hylebos tributary, impacts lower West Fork Hylebos riparian area	Long parallel impact to East Fork Hylebos tributary, impacts to lower West Fork Hylebos riparian area	Long parallel impact to East Fork Hylebos tributary, impacts to lower West Fork Hylebos riparian area
L2.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary	Salmonids in West Fork Hylebos Creek and East Fork Hylebos Creek tributary
L2.17: Potential effects to vegetated areas	Estimated area of vegetation removal	Moderate impacts to high-quality habitat along West Fork Hylebos Creek	Impacts mainly along a disturbed strip of vegetation along I-5	Long, parallel impacts, primarily to disturbed strip of vegetation along I-5	Long, parallel impacts, primarily to disturbed strip of vegetation along I-5
L2.18: Potential effects to floodplains	Number of impacts to or floodplains/floodways (additive) within 100-foot buffer	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 2 West Enchanted/352nd	SF 2 East Enchanted/352nd	SF 3 Enchanted/356th	SF 4A 99 North (SR 99 to I-5)	SF 4B 99 North (SR 99)
		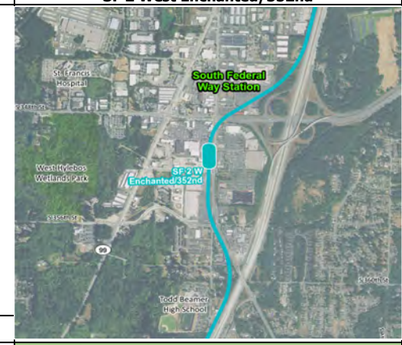		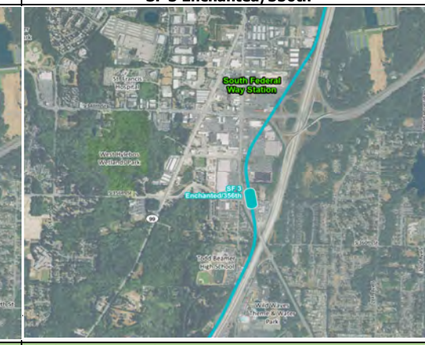		
L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	Number of geologic hazard areas (steep slope, erosion, landslide hazard areas)	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility
L2.20: Estimated number of affected parcels and total acreage by property type	Assessment of potential property impacts and general estimate of acreage of land converted from other land uses to a transportation use	Total potential parcels: 35-40 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 240-245	Total potential parcels: 30-35 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 230-235	Total potential parcels: 40-45 Total Potential Acre Impact: 20-25 Total Acres of Potential Parcels Impacted: 245-250	Total potential parcels: 80-85 Total Potential Acre Impact: 20-25 Total Acres of Potential Parcels Impacted: 305-310	Total potential parcels: 95-100 Total Potential Acre Impact: 25-30 Total Acres of Potential Parcels Impacted: 405-410
L2.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	Approximately 20-25 businesses displaced, including up to 1 hotel, 1 commercial retail center, and 1 industrial business.	Approximately 20-25 businesses displaced, including up to 1 hotel, 2 commercial retail centers, 1 auto dealer or major auto service provider, and 2 industrial businesses.	Approximately 20-25 businesses displaced, including up to 1 hotel, 2 commercial retail centers, 1 auto dealer or major auto service provider, and 2 industrial businesses.	Approximately 45-50 businesses displaced, including up to 1 hotel, 2 commercial retail centers, 18 medical offices, and 6 industrial businesses.	Approximately 45-50 businesses displaced, including up to 1 hotel, 2 commercial retail centers, 18 medical offices, and 7 industrial businesses.
L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Number of potential property impacts from alignment and station by property type; range may vary by segment due to length of alignment	Residential Displacements: 110-115 Commercial Displacements: 20-25 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 90-95 Commercial Displacements: 20-25 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 90-95 Commercial Displacements: 20-25 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 120-125 Commercial Displacements: 45-50 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 1 (Montessori)	Residential Displacements: 110-115 Commercial Displacements: 45-50 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 1 (Montessori)
L2.23: Estimated number of tribal parcels potentially affected	Number tribal-owned parcels affected by each alternative	Potential effects on one tribal property	Potential effects on one tribal property	Potential effects on one tribal property	Potential effects on one tribal property	Potential effects on one tribal property
L2.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks
L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places	Number of impacts to Section 4(f) resources and properties listed in or eligible for the National Register of Historic Places within 100-foot buffer of each alternative	Four historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is low.	Five historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is low.	Five historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is low.	14 historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is moderate.	13 historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is moderate.
L2.26: Potential effects on Section 4(f) cultural and archaeological resources	Number of potential impacts and probability to encounter Section 4(f) cultural and/or archaeological resources within 100-foot buffer of each alternative	One known archaeological resource site. Alignment sections along I-5 have fewer undisturbed areas with the potential to contain intact archaeological sites.	One known archaeological resource site. Alignment sections along I-5 have fewer undisturbed areas with the potential to contain intact archaeological sites.	One known archaeological resource site. Alignment sections along I-5 have fewer undisturbed areas with the potential to contain intact archaeological sites.	One known archaeological resource site. Alignment turning to I-5 to go south have fewer undisturbed areas with the potential to contain intact archaeological sites.	Three known archaeological resource sites. Alignment along south SR 99 with a higher probability to encounter intact archaeological sites.
L2.27: Potential effects to view sheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	No effects to protected viewsheds or to parcels with view-dependent businesses.	No effects to protected viewshed and affects lower number of view-dependent businesses.	No effects to protected viewshed and affects lower number of view-dependent businesses.	No effects to protected viewsheds or to parcels with view-dependent businesses.	No effects to protected viewsheds or to parcels with view-dependent businesses.
L2.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	Travels through Belmor Mobile Home Park and Crosspoint Apartments. Also travels in close proximity to single-family residences along I-5 corridor.	Travels through Belmor Mobile Home Park and Crosspoint Apartments. Also travels in close proximity to single-family residences along I-5 corridor.	Travels through Belmor Mobile Home Park and Crosspoint Apartments. Also travels in close proximity to single-family residences along I-5 corridor.	Travels adjacent to Belmor Mobile Home Park, the Celebration Senior Living facility, Crosspoint Apartments; also travels in close proximity to hotels and churches along Pacific Highway.	Travels adjacent to Belmor Mobile Home Park and the Celebration Senior Living facility; also travels in close proximity to hotels, churches, two recreational vehicle communities and some single-family residences along Pacific Highway.
L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted	Some added delay (up to 10 total additional seconds) at intersections compared to without the project (S 352nd Street/Enchanted Parkway). Traffic impacts similar to SF 3, 8, and 9 alternatives.	Some added delay (up to 10 total additional seconds) at intersections compared to without the project (S 352nd Street/Enchanted Parkway). Traffic impacts similar to SF 3, 8, and 9 alternatives.	Some added delay (up to 20 total additional seconds) at intersections compared to without the project (S 348th Street/Enchanted Parkway, S 356th/SR 99). Traffic impacts similar to SF 2, 8, and 9 alternatives.	More delay (up to 40 total additional seconds) at S 348th Street and SR 99 intersection compared to without the project and SF alternatives 2, 3, 8, and 9.	More delay (up to 40 total additional seconds) at S 348th Street and SR 99 intersection compared to without the project and SF alternatives 2, 3, 8, and 9.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 4C 99 North (I-5 to SR 99)	SF 4D 99 North (I-5 to SR 99 to I-5)	SF 8 I-5/356th	SF 9 I-5/Jet
				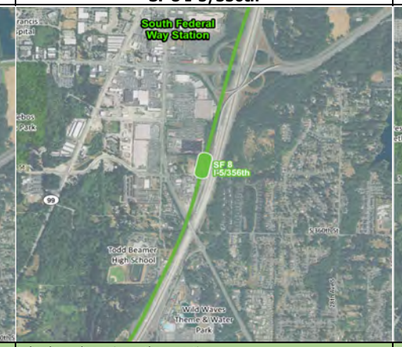	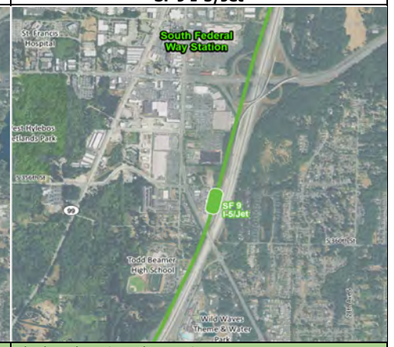
L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	Number of geologic hazard areas (steep slope, erosion, landslide hazard areas)	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility	Lahar hazard zone in southern portion Generally low liquefaction susceptibility
L2.20: Estimated number of affected parcels and total acreage by property type	Assessment of potential property impacts and general estimate of acreage of land converted from other land uses to a transportation use	Total potential parcels: 70-75 Total Potential Acre Impact: 25-30 Total Acre of Parcels Impacted: 365-370	Total potential parcels: 55-60 Total Potential Acre Impact: 20-25 Total Acres of Potential Parcels Impacted: 270-275	Total potential parcels: 25-30 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 195-200	Total potential parcels: 25-30 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 195-200
L2.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	Approximately 35-40 businesses displaced, including up to 1 hotel, 1 commercial retail center, 8 medical offices, and 6 industrial businesses.	Approximately 35-40 businesses displaced, including up to 1 hotel, 2 retail commercial centers, 8 medical offices, and 5 industrial businesses.	Approximately 0-5 businesses displaced, including up to 1 auto dealer or major auto service provider and 2 industrial businesses.	Approximately 0-5 businesses displaced, including up to 1 auto dealer or major auto service provider and 2 industrial businesses.
L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Number of potential property impacts from alignment and station by property type; range may vary by segment due to length of alignment	Residential Displacements: 100-105 Commercial Displacements: 35-40 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 110-115 Commercial Displacements: 35-40 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 85-90 Commercial Displacements: 0-5 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 85-90 Commercial Displacements: 0-5 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0
L2.23: Estimated number of tribal parcels potentially affected	Number tribal-owned parcels affected by each alternative	Potential effects on one tribal property	Potential effects on one tribal property	Potential effects on one tribal property	Potential effects on one tribal property
L2.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	Potential impacts to two parks: Hylebos Wetlands and West Hylebos Osaka Property	Potential impacts to two parks: Hylebos Wetlands and West Hylebos Osaka Property	No impacts to parks	No impacts to parks
L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places	Number of impacts to Section 4(f) resources and properties listed in or eligible for the National Register of Historic Places within 100-foot buffer of each alternative	Seven historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is low to moderate.	Eight historic-period resources of undetermined significance. Based on the resource types and ages, potential for eligibility is low to moderate.	Five historic-period resources of undetermined significance. Based on the resource types and ages, potential for eligibility is low.	Five historic-period resources of undetermined significance. Based on the resource types and ages, potential for eligibility is low.
L2.26: Potential effects on Section 4(f) cultural and archaeological resources	Number of potential impacts and probability to encounter Section 4(f) cultural and/or archaeological resources within 100-foot buffer of each alternative	Three known archaeological resource sites. Alignment along south SR 99 with a higher probability to encounter intact archaeological sites.	One known archaeological resource site. Alignment sections along I-5 have fewer undisturbed areas with the potential to contain intact archaeological sites.	One known archaeological resource site. Alignment on I-5 has fewer undisturbed areas with the potential to contain intact archaeological sites.	One known archaeological resource site. Alignment along I-5 has fewer undisturbed areas with the potential to contain intact archaeological sites.
L2.27: Potential effects to view sheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	No effects to protected viewsheds or to parcels with view-dependent businesses.	No effects to protected viewsheds or to parcels with view-dependent businesses.	No effects to protected viewsheds or to parcels with view-dependent businesses.	No effects to protected viewsheds or to parcels with view-dependent businesses.
L2.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	Travels through the Belmor Mobile Home Park, and in close proximity to a church, a school, two recreational vehicle communities, and single-family residences along Pacific Highway.	Travels through the Belmor Mobile Home Park and the Crosspoint Apartments; also travels in close proximity to single-family residences along I-5 corridor.	Travels through the Belmor Mobile Home Park.	Travels through the Belmor Mobile Home Park.
L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted	More delay (up to 40 total additional seconds) at S 348th Street and SR 99 intersection compared to without the project and SF alternatives 2, 3, 8, and 9.	More delay (up to 40 total additional seconds) at S 348th Street and SR 99 intersection compared to without the project and SF alternatives 2, 3, 8, and 9.	Some added delay (up to 20 total additional seconds) at intersections compared to without the project (S 348th Street/Enchanted Parkway, S 356th/SR 99). Traffic impacts similar to SF 2, 3, and 9 alternatives.	Some added delay (up to 20 total additional seconds) at intersections compared to without the project (S 348th Street/Enchanted Parkway, S 356th Street/SR 99). Traffic impacts similar to SF 2, 3, and 8 alternatives.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 2 West Enchanted/352nd	SF 2 East Enchanted/352nd	SF 3 Enchanted/356th	SF 4A 99 North (SR 99 to I-5)	SF 4B 99 North (SR 99)
		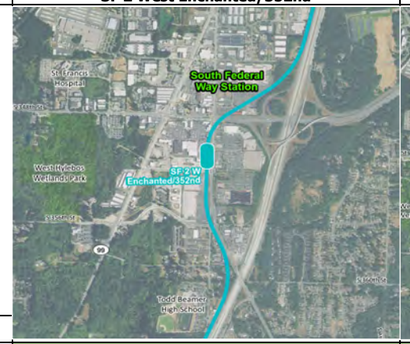	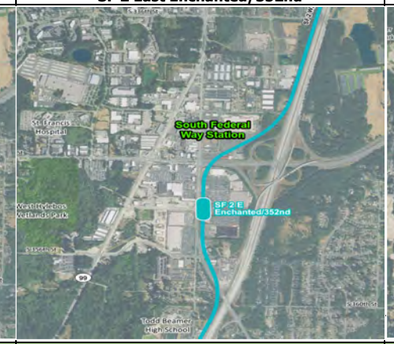	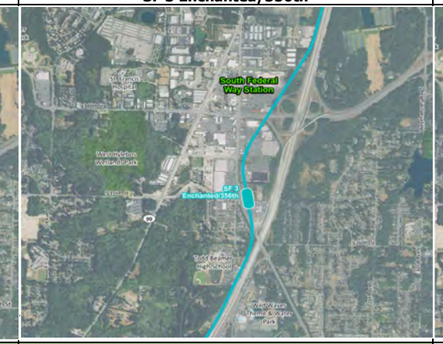	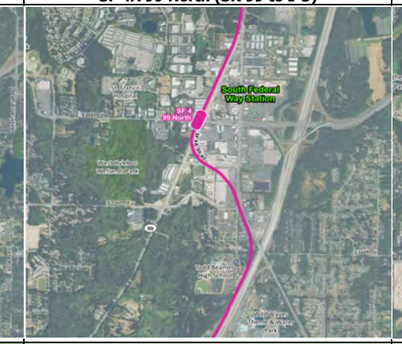	
L2.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to SF 3, 8, and 9 alternatives.	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to SF 3, 8, and 9 alternatives.	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to SF 2, 8, and 9 alternatives.	More freight impacts compared to SF alternatives 2, 3, 8, and 9 due to additional congestion at the study intersections.	More freight impacts compared to SF alternatives 2, 3, 8, and 9 due to additional congestion at the study intersections.
L2.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative	12 total hazardous materials sites	14 total hazardous materials sites.	14 total hazardous materials sites.	35 total hazardous materials sites.	30 total hazardous materials sites.
L2.32: Potential effects on parking demand and supply	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Count of parcels with parking that are potentially impacted: 3 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 3.28	Count of parcels with parking that are potentially impacted: 6 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 3.39	Count of parcels with parking that are potentially impacted: 6 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 2.38	Count of parcels with parking that are potentially impacted: 23 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 2.41	Count of parcels with parking that are potentially impacted: 30 Count of parcels with more than 50% of parking potentially impacted: 2 Parking Acreage Potentially Impacted: 2.84
		Objective: Support Equitable Mobility				
L2.33: Potential benefits to low-income or minority populations	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 36.3% minority and 34.6% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Federal Way as a whole.	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 38.1% minority and 35.7% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Federal Way as a whole.	Federal Way is comprised of 35.9% minority and 35.0% low-income populations. This station area has a 32.5% minority and 31.9% low-income population; therefore, the station would serve slightly fewer minority low-income populations compared to Federal Way as a whole.	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 56.6% minority and 43.6% low-income population; therefore, the station would serve more minority low-income populations compared to Federal Way as a whole.	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 56.6% minority and 43.6% low-income population; therefore, the station would serve more minority low-income populations compared to Federal Way as a whole.
L2.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 110-115 residential displacements anticipated and approximately 20-25 business displacements. Therefore, it is possible there could be moderate potential impacts to environmental justice populations. As with almost all South Federal Way alternatives, displacements could involve known low-income residential buildings.	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 90-95 residential displacements anticipated and approximately 20-25 business displacements. Therefore it is possible there could be higher potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residential buildings.	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 90-95 residential displacements anticipated and approximately 20-25 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residential buildings.	This alternative has a higher percentages of minority and low-income populations compared to Federal Way. There are 120-125 residential displacements anticipated and approximately 45-50 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residences, but this alternative would involve substantially fewer. Although this alternative has one of the highest numbers of displacements, it would involved less displacement of known low-income residential buildings.	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 110-115 residential displacements anticipated and approximately 45-50 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residences, but this alternative would involve substantially fewer. Although this alternative has one of the highest numbers of displacements, it would involve less displacement of known low-income residential buildings.
		Objective: Provide a Financially Sustainable and Constructible Project				
L2.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for*	$1.0B (lower estimate to build)	$1.05B (lower estimate to build)	$1.0B (lower estimate to build)	$1.35B (higher estimate to build)	$1.55B (highest estimate to build)
L2.36: Operating estimate	Assessment of potential magnitude of O&M estimates based on travel time	Curve with 40 mph operating speed and slightly longer alignment (4.44 miles) would result in moderate operating estimates.	Curve with 40 mph operating speed and slightly longer alignment (4.41 miles) would result in moderate operating estimates.	Shorter alignment length (4.34 miles) and one curve with faster operating speed (50 mph) would result in lower operating estimates.	Longer alignment length (4.64 miles) and slowest curves that reduce operating speeds to 30, 35, 45, and 50 mph would result in the highest operating estimates.	Longer alignment length (4.46 miles) and slower curves that reduce speeds to 30 and 45 mph would result in higher operating estimates.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 4C 99 North (I-5 to SR 99)	SF 4D 99 North (I-5 to SR 99 to I-5)	SF 8 I-5/356th	SF 9 I-5/Jet
				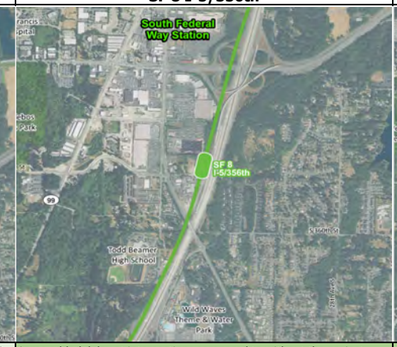	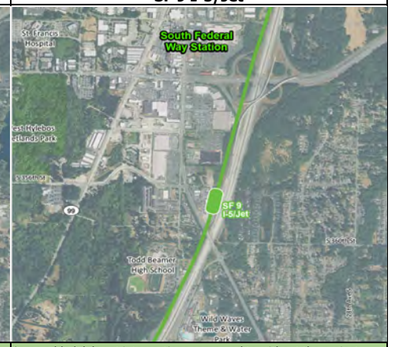
L2.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors	More freight impacts compared to SF alternatives 2, 3, 8, and 9 due to additional congestion at the study intersections.	More freight impacts compared to SF alternatives 2, 3, 8, and 9 due to additional congestion at the study intersections.	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to SF 2, 3, and 9 alternatives.	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to SF 2, 3, and 8 alternatives.
L2.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative	20 total hazardous materials sites.	25 total hazardous materials sites.	13 total hazardous materials sites.	13 total hazardous materials sites.
L2.32: Potential effects on parking demand and supply	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Count of parcels with parking that are potentially impacted: 16 Count of parcels with more than 50% of parking potentially impacted: 2 Parking Acreage Potentially Impacted: 1.57	Count of parcels with parking that are potentially impacted: 9 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 1.14	Count of parcels with parking that are potentially impacted: 3 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 1.01	Count of parcels with parking that are potentially impacted: 3 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 1.01
		Objective: Support Equitable Mobility			
L2.33: Potential benefits to low-income or minority populations	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 56.6% minority and 43.6% low-income population; therefore, the station would serve more minority low-income populations compared to Federal Way as a whole.	5Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 56.6% minority and 43.6% low-income population; therefore, the station would serve more minority low-income populations compared to Federal Way as a whole.	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 30.5% minority and 29.8% low-income population; therefore, the station would serve slightly fewer minority low-income populations compared to Federal Way as a whole.	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 31.3% minority and 29.5% low-income population; therefore, the station would serve slightly fewer minority low-income populations compared to Federal Way as a whole.
L2.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 100-105 residential displacements anticipated and approximately 35-40 business displacements. Therefore it is possible there could be higher potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residential buildings.	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 110-115 residential displacements anticipated and approximately 35-40 business displacements. Therefore it is possible there could be higher potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residential buildings. Since environmental justice populations are similar across all alternatives and this alternative would have one of the highest numbers of displacements in South Federal Way, this would be the lowest performing of the South Federal Way alternatives.	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 85-90 residential displacements anticipated and approximately 0-5 business displacements. Therefore it is possible there could be some potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residential buildings. Since environmental justice populations are similar across all alternatives and this alternative would have the lowest number of displacements in South Federal Way, this would be the highest performing of the South Federal Way alternatives.	This alternative has higher percentages of minority and low-income populations compared to Federal Way. There are 85-90 residential displacements anticipated and approximately 0-5 business displacements. Therefore it is possible there could be some potential impacts to environmental justice populations. As with all South Federal Way alternatives, displacements could involve known low-income residential buildings. Since environmental justice populations are similar across all alternatives and this alternative would have the lowest number of displacements in South Federal Way, this would be the highest performing of the South Federal Way alternatives.
		Objective: Provide a Financially Sustainable and Constructible Project			
L2.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for*	$1.35B (higher estimate to build)	$1.15B (lower estimate to build compared to other SF 4 SR 99 North alternatives)	$0.95B (lowest estimate to build)	$0.95B (lowest estimate to build)
L2.36: Operating estimate	Assessment of potential magnitude of O&M estimates based on travel time	No curves below 55 mph and longer alignment length (4.5 miles) compared to other alternatives would result in moderate operating estimates.	Longest alignment length (4.68 miles) and moderate curves that reduce operating speeds to 35 and 55 mph would result in higher operating estimates.	No curves below 55 mph and shortest alignment length (4.29 miles) would result in the lowest operating estimates.	No curves below 55 mph and shortest alignment length (4.29 miles) would result in the lowest operating estimates.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 2 West Enchanted/352nd	SF 2 East Enchanted/352nd	SF 3 Enchanted/356th	SF 4A 99 North (SR 99 to I-5)	SF 4B 99 North (SR 99)
				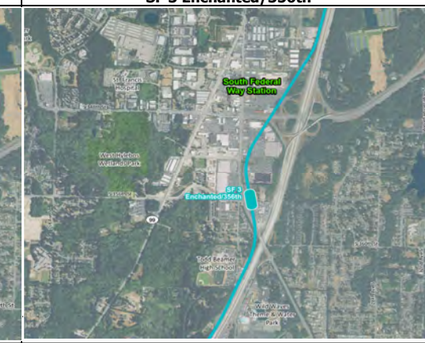		
L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g. power lines, transportation infrastructure)	Few utilities parallel to the light rail transit alignment and moderate crossing of utilities. Impacts are concentrated on 16th Avenue S. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Few utilities parallel to the light rail transit alignment and moderate crossing of utilities. Impacts are concentrated on 16th Ave S. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Few utilities parallel to the light rail transit alignment and moderate crossing of utilities. Impacts are concentrated on 16th Avenue S. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Water main is parallel to the light rail transit alignment for northernmost mile of Pacific Highway S. Crosses and runs parallel to the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Water main is parallel to the light rail transit alignment for northernmost mile of Pacific Highway S. Crosses and runs parallel to the Bonneville Power Administration High Voltage Transmission line along S 324th Street.
L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	0 Sites requiring remediation.	0 Sites requiring remediation.	0 Sites requiring remediation.	Four sites requiring remediation.	Three sites requiring remediation.
L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	The crossing span and configuration of S 348th Street and Enchanted Parkway could create considerations for construction impacts to traffic. This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.	The crossing span of S 348th Street is moderately wide, and would create traffic impacts during construction.	This alternative traverses a large parking lot, which could impact construction sequencing and access to businesses. Special sequencing would likely be required to maintain access to businesses under the guideway during construction.	This alternative crosses and travels parallel to the Bonneville Power Administration High Voltage Transmission Lines along S 324th Street. The crossing span of the alignment over SR 99 near S 327th Street is very wide, leading to construction considerations of traffic impacts and potential structure needs. This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.	This alternative crosses and travels parallel to the Bonneville Power Administration High Voltage Transmission Lines along S 324th Street. The crossing span of the alignment over SR 99 near S 327th Street is very wide, leading to construction considerations of traffic impacts and potential structure needs. This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.
L2.40: Availability and potential to use publicly-owned right-of-way and publicly-owned property	Amount of publicly-owned ROW and publicly owned property (individual parcels in public ownership) available per conceptual design of alignment	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 70.9% Parcels: 1	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 68.9% Parcels: 1	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 69.1% Parcels: 1	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 60.5% Parcels: 2	Lower potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 38.9% Parcels: 2
L2.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the ST Long Range Plan	N/A	N/A	N/A	N/A	N/A
L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way, number of at grade crossings, if any)	This alignment runs for 55 mph much of the length, with a short 40 mph slowdown near the station platform. Horizontal curve speeds: 55, 55, 40, 55	This alignment runs for 55 mph much of the length, with a short 40 mph slowdown near the station platform. Horizontal curve speeds: 55, 55, 40, 55	This alignment runs for 55 mph much of the length, with a short 50 mph slowdown near the station platform. Horizontal curve speeds: 55, 55, 40, 55	The first half of this alignment will not be able to run as efficiently as the others due to speed restrictions in 30, 35, and 45 mph curves. Once it reaches Enchanted Parkway, speeds improve to 55 mph. Horizontal curve speeds: 30, 45, 35, 50, 55	This alignment starts slow with 30 and 45 mph speeds, but the majority of the alignment is adjacent to Pacific Highway S and is 55 mph. Horizontal curve speeds: 30, 45, 55
L2.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	Schedule risks associated with potential relocation of multifamily units.	Schedule risks associated with potential relocation of multifamily units.	Schedule risks associated with potential relocation of multifamily units.	Schedule risks associated with potential relocation of multifamily units and senior housing units.	Schedule risks associated with potential relocation of multifamily units and senior housing units.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

SOUTH FEDERAL WAY STATION AREA

Measure	Methodology	SF 4C 99 North (I-5 to SR 99)	SF 4D 99 North (I-5 to SR 99 to I-5)	SF 8 I-5/356th	SF 9 I-5/Jet
			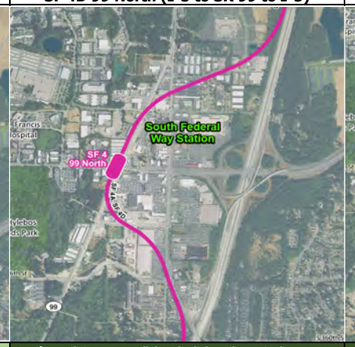	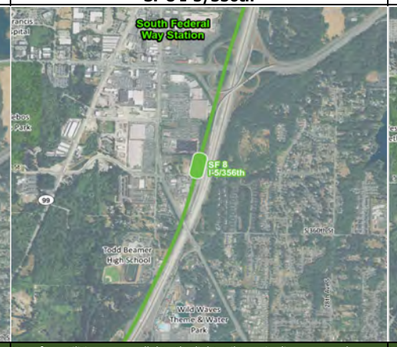	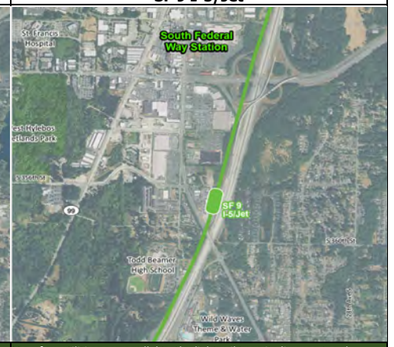
L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g. power lines, transportation infrastructure)	Water main is parallel to the light rail transit alignment for southernmost half-mile of Pacific Highway S; moderate crossing of utilities. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Very few utilities are parallel to the light rail transit alignment and moderate crossing of utilities. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Very few utilities are parallel to the light rail transit alignment and moderate crossing of utilities. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.	Very few utilities are parallel to the light rail transit alignment and moderate crossing of utilities. Crosses the Bonneville Power Administration High Voltage Transmission line along S 324th Street.
L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	Four sites requiring remediation.	Five sites requiring remediation.	0 sites requiring remediation.	0 sites requiring remediation.
L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	The crossing span over SR 99 near S 344th Street is wide. This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.	This alternative requires two crossings of SR 99, which creates additional construction considerations for traffic management. The crossing span over SR 99 near S 344th Street is also wide. This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.	Lower potential for major construction traffic impacts due to fewest crossings of major roadways.	Lower potential for major construction traffic impacts due to fewest crossings of major roadways.
L2.40: Availability and potential to use publicly-owned right-of-way and publicly-owned property	Amount of publicly-owned ROW and publicly-owned property (individual parcels in public ownership) available per conceptual design of alignment	Lower potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). ROW: 40.2% Parcels: 2	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 61.5% Parcels: 2	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 80.1% Parcels: 1	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 80.1% Parcels: 1
L2.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the ST Long Range Plan	N/A	N/A	N/A	N/A
L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way, number of at grade crossings, if any)	Though this alignment does diverge from I-5 adjacent to Pacific Highway S adjacent, all curves maintain a 55 mph speed. Horizontal curve speed: 55	This alternative swings from I-5 to Pacific Highway S then back to I-5, creating a longer alignment and introducing 35 mph and 50 mph curves, reducing efficiency. Horizontal curve speeds: 55, 35, 50, 55	This alignment is adjacent to I-5 for the entire length and maintains 55 mph speeds throughout, making it a top performing alternative. Horizontal curve speeds: 55	This alignment is adjacent to I-5 for the entire length and maintains 55 mph speeds throughout, making it a top performing alternative. Horizontal curve speed: 55
L2.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	Schedule risks associated with potential relocation of multifamily units.	Schedule risks associated with potential relocation of multifamily units.	Schedule risks associated with potential relocation of multifamily units. Coordination with SR 18 off-ramp.	Schedule risks associated with potential relocation of multifamily units. Coordination with SR 18 off-ramp.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

Fife Station Area

Measure	Methodology	Fife 1 12th Street	Fife 3A North of 15th Street (I-5)	Fife 3B North of 15th Street (SR 99)	Fife 4A South of 15th Street (I-5)	Fife 4B South of 15th Street (SR 99)
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs						
L2.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 MPH	Moderate percentage of alignment below 55 mph (19.5%); middle alignment length compared to other alternatives; 0.05 miles longer than the shortest Fife alternative	High percentage of alignment below 55 mph (29.7%); longer alignment length; 0.09 miles longer than the shortest Fife alternative	High percentage of alignment below 55 mph (24.4%); shorter alignment length; 0.02 miles longer than the shortest Fife alternative	Low percentage of alignment below 55 mph (13.1%); middle alignment length compared to other alternatives; 0.06 miles longer than the shortest SF alternative	Moderate percentage of alignment below 55 mph (22.3%); shortest alignment length (3.99 miles).
L2.2: Daily and annual projected project ridership (2042)	Average daily projected riders (baseline estimate provided for Fife station area, with qualitative differences noted for station/alignment alternatives) **Fife: 11,930 Daily NB; 11,930 Daily SB**	Lower ridership potential due to distance from existing Fife primary commercial/entertainment corridor.	Moderate ridership potential due to proximity to existing Fife primary commercial/entertainment corridor.	Moderate ridership potential due to proximity to existing Fife primary commercial/entertainment corridor.	Moderate ridership potential due to proximity to existing Fife primary commercial/entertainment corridor.	Moderate ridership potential due to proximity to existing Fife primary commercial/entertainment corridor.
L2.3: Projected station boardings (2042)	Projected station boardings (baseline estimate provided for Fife station area, with qualitative differences noted for station/alignment alternatives) **Fife: 1,400 daily NB boardings; 630 daily SB boardings**	Lower level of projected station boardings due to distance from existing Fife primary commercial/entertainment corridor.	Moderate level of projected station boardings due to proximity to existing Fife primary commercial/entertainment corridor.	Moderate level of projected station boardings due to proximity to existing Fife primary commercial/entertainment corridor.	Moderate level of projected station boardings due to proximity to existing Fife primary commercial/entertainment corridor.	Moderate level of projected station boardings due to proximity to existing Fife primary commercial/entertainment corridor.
L2.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial Centers	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	4% Station near Port of Tacoma. 4% of 10-minute walkshed is in Puget Sound Regional Council manufacturing/industrial center area.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.
L2.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future (2040) pop and employment densities within 10-minute walkshed	Population densities: existing 61/future 78 Employment densities: existing 72/future 115 Low population density, low job density.	Population densities: existing 59/future 76 Employment densities: existing 70/future 111 Lower population density, lower job density.	Population densities: existing 59/future 76 Employment densities: existing 70/future 111 Lower population density, lower job density.	Population densities: existing 64/future 82 Employment densities: existing 76/future 121 Moderate population density. Moderate job density.	Population densities: existing 64/future 82 Employment densities: existing 76/future 121 Highest population density. Moderate job density.
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access						
L2.6: Consistency with civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral" or "inconsistent with TOD	Station is located in the future Fife City Center Vision area; Zoning is currently industrial but will be changed to a more mixed-use, transit-oriented development-compatible zoning based on the new Fife City Center Vision . The area adjacent to it is likely to remain industrial.	This station location is consistent with local land use and plans. Based on the zoning today, this station location would be in an industrial zone. However, zoning will be changed to a more mixed-use, transit-oriented development-compatible zoning based on the new Fife City Center Vision. This location is also close to the tribal casino.	This station location is consistent with local land use and plans. Based on the zoning today, this station location would be in an industrial zone. However, zoning will be changed to a more mixed-use, transit-oriented development-compatible zoning based on the new Fife City Center Vision. This location is also close to the tribal casino.	This station location is consistent with local land use and plans. Based on the zoning today, this station location would be adjacent to an industrial zone. However, zoning will be changed to a more mixed-use, transit-oriented development-compatible zoning based on the new Fife City Center Vision. This location is also close to the tribal casino.	This station location is consistent with local land use and plans. Based on the zoning today, this station location would be adjacent to an industrial zone. However, zoning will be changed to a more mixed-use, transit-oriented development-compatible zoning based on the new Fife City Center Vision. This location is also close to the tribal casino.
L2.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within a ¼ mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	Fife 1 has much less land that would have a greater likelihood to redevelop compared to other alternatives , and less total land than the other alternatives. (2,731,000 SF total land; 371,000 SF of land with a greater likelihood to redevelop; 2,360,000 SF of land with lower likelihood to redevelop)	This alternative has more total land to redevelop compared to the other alternatives and a greater percentage of land that would have a greater likelihood to redevelop. (3,893,000 SF total land; 827,000 SF of land with a greater likelihood to redevelop; 2,179,000 SF of land with lower likelihood to redevelop; 887,000 SF tribal land) Fife plans to substantially rezone the area to become a downtown neighborhood, which would be expected to create more land availability for development.	This alternative has more total land to redevelop compared to the other alternatives and a greater percentage of land that would have a greater likelihood to redevelop. (3,893,000 SF total land; 827,000 SF of land with a greater likelihood to redevelop; 2,179,000 SF of land with lower likelihood to redevelop; 887,000 SF tribal land) Fife plans to substantially rezone the area to become a downtown neighborhood, which would be expected to create more land availability for development.	This alternative has the most land with a greater likelihood of redeveloping within a 1/4 mile walking distance compared to other alternatives. (3,408,000 SF total land; 1,009,000 SF of land with a greater likelihood to redevelop; 1,480,000 SF of land with lower likelihood to redevelop; 919,000 SF tribal land)	This alternative has the most land with a greater likelihood of redeveloping within a 1/4 mile walking distance compared to other alternatives. (3,408,000 SF total land; 1,009,000 SF of land with a greater likelihood to redevelop; 1,480,000 SF of land with lower likelihood to redevelop; 919,000 SF tribal land)
L2.8: Detailed evaluation of nonmotorized barriers within a ½ mile of the station	Assessment of barriers within half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways)	This station location is closer to 54th Avenue, which is a wide (5-lane) street with a high volume of truck traffic. However, the station can provide the beginning of a new, smaller-scale street grid south of 12th Street.	This station location is relatively farther from the pedestrian barriers of SR 99 and 54th Avenue. This station location also is likely to break up some large parcels and large blocks, which are currently an obstacle to pedestrian connections and effectively reduce the size of the walkshed from what it could be with smaller blocks.	This station location is relatively farther from the pedestrian barriers of SR 99 and 54th Avenue. This station location also is likely to break up some large parcels and large blocks, which are currently an obstacle to pedestrian connections and effectively reduce the size of the walkshed from what it could be with smaller blocks.	This station is closer to SR 99 (which has seven lanes of traffic and is difficult to cross). It also can be built with the existing street network and so will not provide the beginning of a new, smaller-scale street grid. However, this station is relatively farther from 54th Avenue (which is a five-lane street with many trucks turning onto it from SR 99).	This station is closer to SR 99 (which has seven lanes of traffic and is difficult to cross). It also can be built with the existing street network and so will not provide the beginning of a new, smaller-scale street grid. However, this station is relatively farther from 54th Avenue (which is a five-lane street with many trucks turning onto it from SR 99).
L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	The alignment associated with this alternative is least likely to impact the businesses and amenities that are concentrated west of 54th Avenue. It is also closer to these amenities, which include restaurants, retail, and some services.	This station location is not particularly closer to the amenities located west of 54th Avenue, and the alignment is likely to have less of an impact to amenities on Pacific Highway west of 54th Avenue.	This station location is farther from the amenities located west of 54th Avenue, and the alignment is likely to remove some of these amenities.	This station location is farther from the amenities located west of 54th Avenue, and the alignment is the most likely of any of the Fife alternatives to remove several amenities.	This station location is further from the amenities located west of 54th Avenue, and the alignment is the most likely of any of the Fife alternatives to remove several amenities.
L2.10: Proximity to existing transit service and level of transit service diversion required	Distance to nearest existing bus stop with at least 30-minute headways; measure of the level of diversion that could be required.	Furthest distance (1,705 feet) from the westbound bus stop at Pacific Highway and 54th Avenue E Greatest amount of transit diversion	Moderate distance (1,225 feet) from the westbound bus stop at Pacific Highway and 59th Avenue E Moderate amount of transit diversion	Moderate distance (1,225 feet) from the westbound bus stop at Pacific Highway and 59th Avenue E Moderate amount of transit diversion	Shortest distance (705 feet) from the westbound bus stop at Pacific Highway and 59th Avenue E Least amount of transit diversion	Shortest distance (705 feet) from the westbound bus stop at Pacific Highway and 59th Avenue E Least amount of transit diversion

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

Fife Station Area

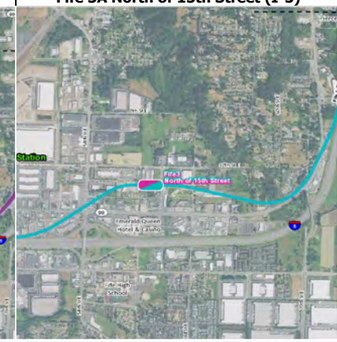

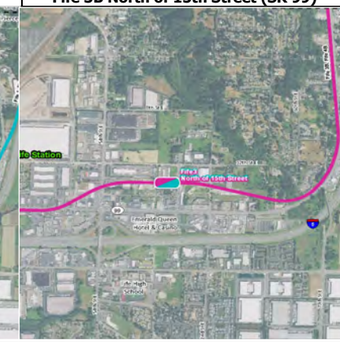

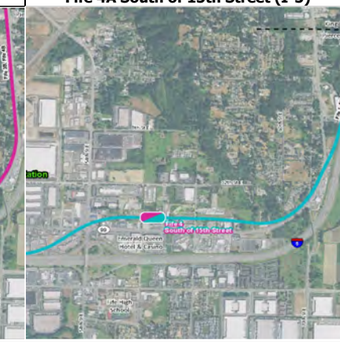

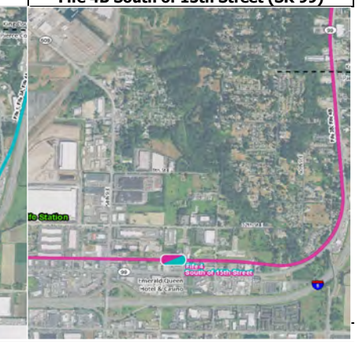

Measure	Methodology	Fife 1 12th Street	Fife 3A North of 15th Street (I-5)	Fife 3B North of 15th Street (SR 99)	Fife 4A South of 15th Street (I-5)	Fife 4B South of 15th Street (SR 99)
	Distance to nearest rail platform based on proposed station concepts (TACOMA DOME)	N/A	N/A	N/A	N/A	N/A
L2.11: Ease of vehicular pickup/drop-off for a variety of users	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion using proposed station concepts.	•Two ingress/egress points on 12th Street E; shared with the proposed parking garage •Left-turn access onto 12th Street E from either access point may be a possibility •Left turn access onto 54th Avenue E for drivers continuing south of I-5 would be less challenging than Fife 4 station areas	•Left-turn access onto 12th Street E may be a possibility •Left turn access onto 54th Avenue E for drivers continuing south of I-5 would be less challenging than Fife 4 station areas •Ingress and egress would require the greatest number of left turns, as the pickup/drop-off areas are in new internal streets	•Left-turn access onto 12th Street E may be a possibility •Left turn access onto 54th Avenue E for drivers continuing south of I-5 would be less challenging than Fife 4 station areas •Ingress and egress would require the greatest number of left turns, as the pickup/drop-off areas are in new internal streets	•Left-turn access onto 59th Avenue E currently permitted; a signal may be needed at this intersection to manage driveway traffic •Left turn access onto Pacific Highway south from 59th Avenue E permitted via the existing signal •Left turn access onto 59th Avenue E or 54th Avenue E could be challenging due to proximity to Pacific Highway S	•Left-turn access onto 59th Avenue E currently permitted; a signal may be needed at this intersection to manage driveway traffic •Left turn access onto Pacific Highway south from 59th Avenue E permitted via the existing signal •Left turn access onto 59th Avenue E or 54th Avenue E could be challenging due to proximity to Pacific Highway S
L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Higher existing and funded bike facility miles to roadway miles. Existing: 0.04 Funded: 0.35	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.03 Funded: 0.32	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.03 Funded: 0.32	Higher existing and funded bike facility miles to roadway miles. Existing: 0.04 Funded: 0.35	Higher existing and funded bike facility miles to roadway miles. Existing: 0.04 Funded: 0.35
L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.53 Funded: 0.66	Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.52 Funded: 0.69	Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.52 Funded: 0.69	Higher ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.60 Funded: 0.77	Higher ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.60 Funded: 0.77
Objective: Preserve the Environment						
L2.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	Minor impacts to relatively small wetlands associated with West Fork Hylebos Creek and Lower Hylebos Creek	Minor impacts to relatively small wetlands associated with West Fork Hylebos Creek and Lower Hylebos Creek	Minor impacts to relatively small wetlands associated with Lower Hylebos Creek	Minor impacts to relatively small wetlands associated with West Fork Hylebos Creek and Lower Hylebos Creek	Minor impacts to relatively small wetlands associated with Lower Hylebos Creek
L2.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within 100-foot buffer of each alternative	5 perpendicular crossings: West Fork Hylebos Creek, Lower Hylebos Creek, Wapato Creek, Wapato Creek tributary, and an unnamed stream	4 perpendicular crossings: West Fork Hylebos Creek, Lower Hylebos Creek, Wapato Creek, and an unnamed stream	3 perpendicular crossings: Lower Hylebos Creek, Wapato Creek, and an unnamed stream	4 perpendicular crossings: West Fork Hylebos Creek, Lower Hylebos Creek, Wapato Creek, and an unnamed stream	3 perpendicular crossings: Lower Hylebos Creek, Wapato Creek, and an unnamed stream
L2.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	Fish in Hylebos and Wapato	Fish in Hylebos and Wapato	Fish in Hylebos and Wapato	Fish in Hylebos and Wapato	Fish in Hylebos and Wapato
L2.17: Potential effects to vegetated areas	Estimated area of vegetation removal	Clearing in stream/wetland areas and disturbed vegetation along I-5	Clearing in stream/wetland areas and disturbed vegetation along I-5	Clearing in stream/wetland areas and disturbed vegetation along I-5	Clearing only in stream/wetland areas noted above [avoids vegetated patch] and disturbed vegetation along I-5	Clearing only in stream/wetland areas noted above [avoids vegetated patch] and disturbed vegetation along I-5
L2.18: Potential effects to floodplains	Number of impacts to or floodplains/floodways (additive) within 100-foot buffer	Crossings: West Hylebos Creek - 80-foot floodplain and floodway (both mapped) Hylebos Creek - 130-foot floodplain and floodway (both mapped) Wapato Creek tributary - 2,100-foot mapped floodplain and unmapped floodway; station would be located in middle of mapped floodplain, possibly floodway Wapato Creek - 60-foot floodplain and floodway (both mapped) Puyallup River - Assumed to make use of existing I-5 bridge to cross floodplain and floodway (both mapped)	Crossings: West Hylebos Creek - 80-foot floodplain and floodway (both mapped) Hylebos Creek - 330-foot floodplain and floodway (both mapped) Wapato Creek tributary - 1,900-foot mapped floodplain and unmapped floodway; station would be located in middle of mapped floodplain, possibly floodway Wapato Creek - 40-foot floodplain and floodway (both mapped) Puyallup River - new 430-foot crossing of floodplain and floodway (both mapped)	Crossings: West Hylebos Creek - none Hylebos Creek - 330-foot floodplain and floodway (both mapped) Wapato Creek tributary - 2,000-foot mapped floodplain and unmapped floodway; station would be located in middle of mapped floodplain, possibly floodway Wapato Creek - 60-foot floodplain and floodway (both mapped) Puyallup River - new 430-foot crossing of floodplain and floodway (both mapped)	Crossings: West Hylebos Creek - 80-foot floodplain and floodway (both mapped) Hylebos Creek - 170-foot floodplain and floodway (both mapped) Wapato Creek tributary - 1,700-foot mapped floodplain and unmapped floodway; station would be located in middle of mapped floodplain, possibly floodway Wapato Creek - 40-foot floodplain and floodway (both mapped) Puyallup River - new 430-foot crossing of floodplain and floodway (both mapped)	Crossings: West Hylebos Creek - none Hylebos Creek - 170-foot floodplain and floodway (both mapped) Wapato Creek tributary - 1,700-foot mapped floodplain and unmapped floodway; station would be located in middle of mapped floodplain, possibly floodway Wapato Creek - 60-foot floodplain and floodway (both mapped) Puyallup River - new 430-foot crossing of floodplain and floodway (both mapped)
L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	Number of geologic hazard areas (steep slope, erosion, landslide hazard areas)	Steep slopes along I-5 curve Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Steep slopes along I-5 curve Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Steep slopes along I-5 curve Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Steep slopes along I-5 curve Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Steep slopes along I-5 curve Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent
L2.20: Estimated number of affected parcels and total acreage by property type	Assessment of potential property impacts and general estimate of acreage of land converted from other land uses to a transportation use	Total potential parcels: 95-100 Total Potential Acre Impact: 20-25 Total Acres of Potential Parcels Impacted: 130-135	Total potential parcels: 90-95 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 150-155	Total potential parcels: 110-115 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 130-135	Total potential parcels: 100-105 Total Potential Acre Impact: 15-20 Total Acres of Potential Parcels Impacted: 145-150	Total potential parcels: 130-135 Total Potential Acre Impact: 20-25 Total Acres of Potential Parcels Impacted: 125-130

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

Fife Station Area

Measure	Methodology	Fife 1 12th Street	Fife 3A North of 15th Street (I-5)	Fife 3B North of 15th Street (SR 99)	Fife 4A South of 15th Street (I-5)	Fife 4B South of 15th Street (SR 99)
			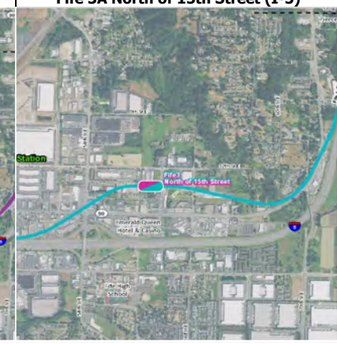	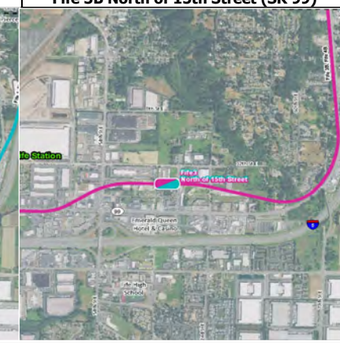	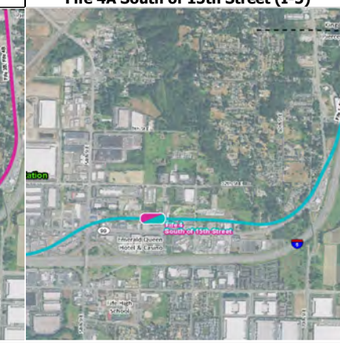	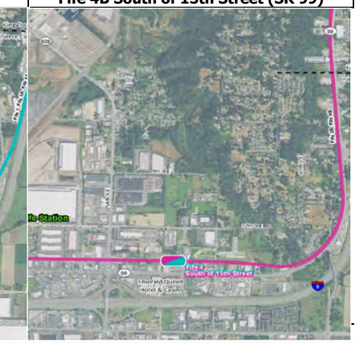
L2.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	Approximately 60-65 businesses displaced, including up to 2 hotels, 3 commercial retail centers, 4 auto dealers or major auto service providers, 2 business parks, 1 medical office, and 11 industrial businesses.	Approximately 20-25 businesses displaced, including up to 1 commercial retail center, 6 auto dealers or major auto service providers, and 11 industrial businesses.	Approximately 55-60 businesses displaced, including up to 1 hotel, 5 commercial retail centers, 5 auto dealers or major auto service providers, 1 business park, and 10 industrial businesses.	Approximately 25-30 businesses displaced, including up to 2 hotels, 1 commercial retail center, 9 auto dealers or major auto service providers, and 9 industrial businesses.	Approximately 45-50 businesses displaced, including up to 5 hotels, 2 commercial retail centers, 7 auto dealers or major auto service providers, 1 business park, and 8 industrial businesses.
L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Number of potential property impacts from alignment and station by property type; range may vary by segment due to length of alignment	Residential Displacements: 5-10 Commercial Displacements: 60-65 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 5-10 Commercial Displacements: 20-25 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0 Religious Services = 1	Residential Displacements: 10-15 Commercial Displacements: 55-60 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0 Religious Services = 1	Residential Displacements: 60-65 Commercial Displacements: 25-30 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 70-75 Commercial Displacements: 45-50 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0
L2.23: Estimated number of tribal parcels potentially affected	Number tribal-owned parcels affected by each alternative	Potential effects on five tribal properties at three addresses; Puyallup River accounted for in East Tacoma ratings	Potential effects on four tribal properties at four addresses; Puyallup River accounted for in East Tacoma ratings	Potential effects on seven tribal properties at four addresses; Puyallup River accounted for in East Tacoma ratings	Potential effects on five tribal properties at five addresses; Puyallup River accounted for in East Tacoma ratings	Potential effects on eight tribal properties at five addresses; Puyallup River accounted for in East Tacoma ratings
L2.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	No impacts to parks	No impacts to parks	Potential impacts to one park: West Hylebos Osaka Property	No impacts to parks	Potential impacts to one park: West Hylebos Osaka Property
L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places	Number of impacts to Section 4(f) resources and properties listed in or eligible for the National Register of Historic Places within 100-foot buffer of each alternative	10 total historic period resource, including one known historic resource of local significance and potential for national significance, and nine historic-period resources with undetermined eligibility. Based on the resource types and ages, potential for eligibility is moderate to high.	Potential to affect 11 historic-period resources with undetermined significance. Based on the resource types and ages, potential for significance is moderate.	Potential to affect 24 historic-period resources: one has been determined locally significant, and may be nationally significant, and the other 23 have undetermined significance. Based on the resource types and ages, potential for historic significance is moderate to high.	Potential to affect 18 historic-period resources of undetermined significance. Based on the resource types and ages, potential for historic significance is moderate to high.	Potential to affect 37 historic-period resources of undetermined significance. Based on the resource types and ages, potential for historic significance is moderate to high.
L2.26: Potential effects on Section 4(f) cultural and archaeological resources	Number of potential impacts and probability to encounter Section 4(f) cultural and/or archaeological resources within 100-foot buffer of each alternative	Potential to affect two cultural/archaeological resources.	Potential to affect one cultural/archaeological resource.	Potential to affect two cultural and archaeological resources.	Potential to affect one cultural/archaeological resource.	Potential to affect two cultural and archaeological resources.
L2.27: Potential effects to view sheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	Moderate number of parcels with view-dependent businesses.	More parcels with view-dependent businesses.	Moderate number of parcels with view-dependent businesses.	Moderate number of parcels with view-dependent businesses.	Moderate number of parcels with view-dependent businesses.
L2.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	Passes in close proximity to the large single-family residential development on 69th Avenue, Chateau Rainier apartments, eight hotels, and other single-family residences.	Passes in close proximity to the large single-family residential development on 69th Avenue, Chateau Rainier Apartments, Rainier View Senior Apartments, three hotels, and other single-family residences.	Passes in close proximity to the large single-family residential development on 69th Avenue, Rainier View Senior Apartments, Chateau Rainier Apartments, Sunridge Apartments, nine hotels, and other single-family residences.	Passes in close proximity to the large single-family residential development on 69th Avenue, Chateau Rainier Apartments, three hotels, and other single-family residences.	Passes in close proximity to the large single-family residential development on 69th Avenue, Chateau Rainier Apartments, Sunridge Apartments, 10 hotels, and other single-family residences.
L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted	Some added delay (up to 75 total additional seconds) at intersections compared to without the project (I-5 Northbound ramps/54th Avenue E, Pacific Highway/59th Avenue E). Traffic impacts similar to Fife 3 alternatives.	Some added delay (up to 75 total additional seconds) at intersections compared to without the project (I-5 Northbound ramps/54th Avenue E, Pacific Highway/59th Avenue E). Traffic impacts similar to Fife 1 alternative.	Some added delay (up to 75 total additional seconds) at intersections compared to without the project (I-5 Northbound ramps/54th Avenue E, Pacific Highway/59th Avenue E). Traffic impacts similar to Fife 1 alternative.	More delay (up to 90 total additional seconds) at study intersections (I-5 Northbound ramps/54th Avenue E, Pacific Highway/54th Avenue E, Pacific Highway/59th Avenue E) compared to without the project and Fife alternatives 1 and 3.	More delay (up to 90 total additional seconds) at study intersections (I-5 Northbound ramps/54th Avenue E, Pacific Highway/54th Avenue E, Pacific Highway/59th Avenue E) compared to without the project and Fife alternatives 1 and 3.
L2.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to Fife 3 alternatives.	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to Fife 1 alternative.	Some added delay at intersections compared to without the project. Freight impacts due to intersection congestion similar to Fife 1 alternative.	More freight impacts compared to Fife alternatives 1 and 3 due to additional congestion at the study intersection.	More freight impacts compared to Fife alternatives 1 and 3 due to additional congestion at the study intersection.
L2.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative	27 total hazardous materials sites	17 total hazardous materials sites	22 total hazardous materials sites	18 total hazardous materials sites	22 total hazardous materials sites

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

Fife Station Area

Measure	Methodology	Fife 1 12th Street	Fife 3A North of 15th Street (I-5)	Fife 3B North of 15th Street (SR 99)	Fife 4A South of 15th Street (I-5)	Fife 4B South of 15th Street (SR 99)
			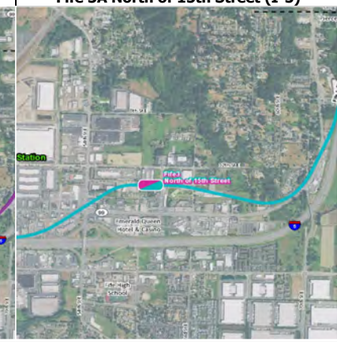		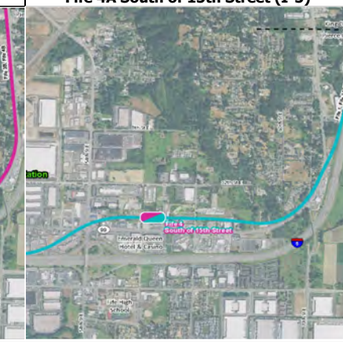	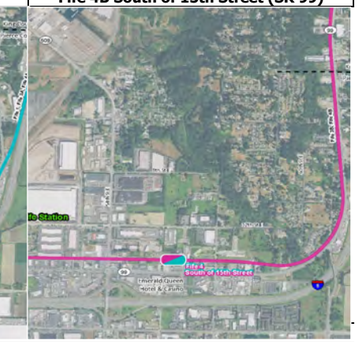
L2.32: Potential effects on parking demand and supply and spillover parking effects	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Count of parcels with parking that are potentially impacted: 25 Count of parcels with more than 50% of parking potentially impacted: 4 Parking Acreage Potentially Impacted: 2.41	Count of parcels with parking that are potentially impacted: 24 Count of parcels with more than 50% of parking potentially impacted: 2 Parking Acreage Potentially Impacted: 3.11	Count of parcels with parking that are potentially impacted: 27 Count of parcels with more than 50% of parking potentially impacted: 4 Parking Acreage Potentially Impacted: 2.26	Count of parcels with parking that are potentially impacted: 29 Count of parcels with more than 50% of parking potentially impacted: 3 Parking Acreage Potentially Impacted: 2.92	Count of parcels with parking that are potentially impacted: 35 Count of parcels with more than 50% of parking potentially impacted: 6 Parking Acreage Potentially Impacted: 2.40
Objective: Support Equitable Mobility						
L2.33: Potential benefits to low-income or minority populations	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 31.1% minority and 26.4% low-income population; therefore, the station would serve slightly less minority low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 38.1% minority and 32.0% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 38.1% minority and 32.0% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 43.8% minority and 36.2% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 43.8% minority and 36.2% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Fife as a whole.
L2.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	This alternative has either lower or approximately the same percentages of minority and low-income populations compared to Fife. There are 5-10 residential displacements anticipated and approximately 60-65 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations.	This alternative has either lower or approximately the same percentages of minority and low-income populations compared to Fife. There are 5-10 residential displacements anticipated and approximately 20-25 business displacements. Therefore it is possible there could be some potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have the lowest number of displacements in Fife, this would be the highest performing of the Fife alternatives.	This alternative has either lower or approximately the same percentages of minority and low-income populations compared to Fife. There are 10-15 residential displacements anticipated and approximately 55-60 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations.	This alternative has either lower or approximately the same percentages of minority and low-income populations compared to Fife. There are 60-65 residential displacements anticipated and approximately 25-30 business displacements. This alternative could involve displacement of known low-income residences. Therefore it is possible there could be substantial potential impacts to environmental justice populations.	This alternative has either lower or approximately the same percentages of minority and low-income populations compared to Fife. There are 70-75 residential displacements anticipated and approximately 45-50 business displacements. This alternative could involve displacement of known low-income residences. Therefore it is possible there could be substantial potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the highest numbers of displacements in Fife, including displacement of known low-income residences, this would be the lowest performing of the Fife alternatives.
Objective: Provide a Financially Sustainable and Constructible Project						
L2.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among*	$850M (highest estimate to build)	$700M (lower estimate to build)	$800M (higher estimate to build)	$700M (lower estimate to build)	$800M (higher estimate to build)
L2.36: Operating estimate	Assessment of potential magnitude of O&M estimates based on travel time	Two curves below 55 mph (45 mph and 45 mph); middle alignment length (4.04 miles) compared to most alternatives would result in moderate operating estimates.	One curve that reduces operating speeds to 40 mph and slightly longer alignment length (4.08 miles) would result in moderate operating estimates.	Two curves that reduce operating speeds to 40 mph and 45 mph and slightly shorter alignment length (4.01 miles) would result in moderate operating estimates.	One curve below 55 mph (45 mph); middle alignment length (4.05 miles) compared to most alternatives would result in moderate operating estimates.	Three curves below 55 mph (45, 45, 50 mph) and slightly shorter alignment length (3.99 miles) compared to other alternatives would result in moderate operating estimates.
L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g. power lines, transportation infrastructure)	Many utilities running parallel on Pacific Highway E, though many may be outside limits of work, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Many utilities running parallel on Pacific Highway E, though many may be outside limits of work, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Many utilities running parallel on Pacific Highway E, though many may be outside limits of work, moderate crossing of utilities.
L2.38: Number of sites requiring environmental remediation within the project-footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	One site requiring remediation	Five sites requiring remediation	Two sites requiring remediation	Five sites requiring remediation	Four sites requiring remediation
L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	This alternative requires a crossing of SR 99 that could create construction traffic impacts. This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.	This alternative impacts some structures, which could lead to additional considerations that could arise during construction. Impacts fewer structures compared to other alternatives west of 54th Avenue E. This alternative requires a crossing of SR 99 that could create construction traffic impacts.	This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.	This alternative impacts some structures, which could lead to additional considerations that could arise during construction. Impacts fewer structures compared to other alternatives west of 54th Avenue E. This alternative requires a crossing of SR 99 that could create construction traffic impacts.	This alternative also impacts many structures, which could lead to additional considerations that could arise during construction.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

Fife Station Area

Measure	Methodology	Fife 1 12th Street	Fife 3A North of 15th Street (I-5)	Fife 3B North of 15th Street (SR 99)	Fife 4A South of 15th Street (I-5)	Fife 4B South of 15th Street (SR 99)
			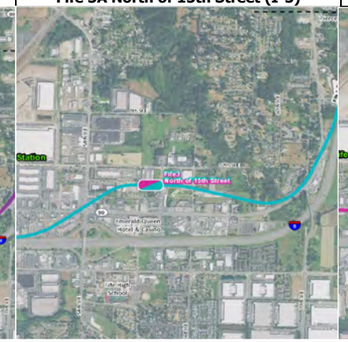			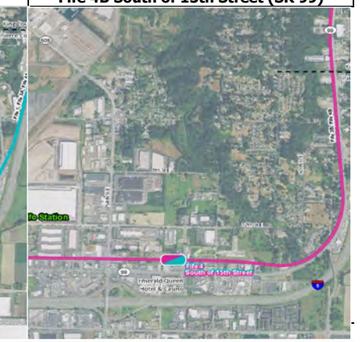
L2.40: Availability and potential to use publicly-owned right-of-way and publicly-owned property	Amount of publicly-owned ROW and publicly-owned property (individual parcels in public ownership) available per conceptual design of alignment	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 28.3% Parcels: 2	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 54.5% Parcels: 2	Moderate potential to use publicly-owned right-of-way, higher potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 26.2% Parcels: 5	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 54.8% Parcels: 2	Moderate potential to use publicly-owned right-of-way, moderate potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 27.3% Parcels: 4
L2.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the ST Long Range Plan	N/A	N/A	N/A	N/A	N/A
L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way, number of at grade crossings, if any)	This alignment varies in speed, so the train will be slowing down and speeding up through this area. All speeds are 45 mph and above despite a meandering alignment. Horizontal curve speeds: 50, 55, 45, 55, 45	This alignment meanders and has low speeds of 40 mph in the center. Horizontal curve speeds: 50, 55, 40, 40, 40, 55	This alignment meanders and has varying speeds as low as 40 mph. Horizontal curve speeds: 50, 55, 40, 40, 55, 45	Though this alignment meanders, it maintains speeds 45 mph and above, with the 45 mph restriction localized in one area, maximizing the efficiency of an urban alignment. Horizontal curve speeds: 50, 55, 45, 55	This alignment varies in speed on either end, but has a stretch of higher speed tangent in the center. All speeds are 45 mph and above. Horizontal curve speeds: 55, 45, 50, 45
L2.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	Schedule risks associated with coordination with SR 167 project and Port of Tacoma Road interchange project.	Schedule risks associated with coordination with SR 167 project and Port of Tacoma Road interchange project.	Schedule risks associated with coordination with SR 167 project and Port of Tacoma Road interchange project.	Schedule risks associated with potential relocation of senior housing units. Coordination with SR 167 project. Coordination with SR 167 project and Port of Tacoma Road interchange project.	Schedule risks associated with potential relocation of senior housing units. Coordination with SR 167 project and Port of Tacoma Road interchange project.

Lower Performing

Higher Performing

Tacoma Dome Link Extension - Level 2 Evaluation Results

East Tacoma Station Area

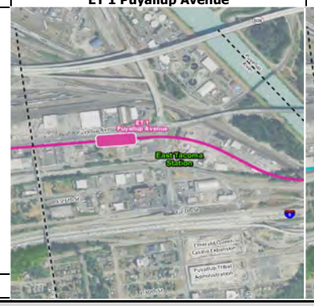

Measure	Methodology	ET 1 Puyallup Avenue	ET 2 E 25th Street	ET 3A E 26th Street to E 25th Street	ET 3B 26th Street East	ET 5 E 27th Street	ET 6 26th Street West
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs							
L2.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 MPH	High percentage of alignment below 55 mph (100.0%); middle alignment length; 0.04 miles longer than the shortest East Tacoma alternative	High percentage of alignment below 55 mph (100.0%); middle alignment length; 0.03 miles longer than the shortest East Tacoma alternative	Low percentage of alignment below 55 mph (0.0%); slightly shorter alignment length; 0.02 miles longer than the shortest East Tacoma alternative	Low percentage of alignment below 55 mph (0.0%); slightly shorter alignment length; 0.01 miles longer than the shortest East Tacoma alternative	Low percentage of alignment below 55 mph (0.0%); shortest alignment length (0.72 miles).	Low percentage of alignment below 55 mph (0.0%); longer alignment length; 0.07 miles longer than the shortest East Tacoma alternative
L2.2: Daily and annual projected project ridership (2042)	Average daily projected riders (baseline estimate provided for East Tacoma station area, with qualitative differences noted for station/alignment alternatives) **East Tacoma: 11,240 Daily NB; 11,240 Daily SB**	Lower ridership potential due to distance from existing residential, commercial, and entertainment uses.	Lower ridership potential due to distance from existing residential, commercial, and entertainment uses.	Moderate ridership potential due to proximity to existing residential, commercial, and entertainment uses south of I-5.	Moderate ridership potential due to proximity to existing residential, commercial, and entertainment uses south of I-5.	Moderate ridership potential due to proximity to existing residential, commercial, and entertainment uses south of I-5.	Moderate ridership potential due to proximity to existing residential, commercial, and entertainment uses south of I-5.
L2.3: Projected station boardings (2042)	Projected station boardings (baseline estimate provided for East Tacoma station area, with qualitative differences noted for station/alignment alternatives) **East Tacoma: 830 daily NB boardings; 60 daily SB boardings**	Lower level of projected station boardings due to distance from existing residential, commercial, and entertainment uses.	Lower level of projected station boardings due to distance from existing residential, commercial, and entertainment uses.	Moderate level of projected station boardings due to proximity to existing residential, commercial, and entertainment uses south of I-5.	Moderate level of projected station boardings due to proximity to existing residential, commercial, and entertainment uses south of I-5.	Moderate level of projected station boardings due to proximity to existing residential, commercial, and entertainment uses south of I-5.	Moderate level of projected station boardings due to proximity to existing residential, commercial, and entertainment uses south of I-5.
L2.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial centers	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	85.8% Station in proximity to Port of Tacoma and Tacoma Downtown. Highest potential to support growth centers. Center for industrial activities. Some opportunities for economic development. 18.5% of 10-minute walkshed is in Puget Sound Regional Council regional growth center area and 67.5% is in Puget Sound Regional Council manufacturing/industrial center area.	79.5% Station in proximity to Port of Tacoma and Tacoma Downtown. High potential to support growth centers. Center for industrial activities. Some opportunities for economic development. 18.1% of 10-minute walkshed is in Puget Sound Regional Council regional growth center area and 61.4% is in Puget Sound Regional Council manufacturing/industrial center area.	57% Station near Port of Tacoma and Tacoma Downtown. Low potential to support growth centers. Some industrial activities. Minimal opportunities for economic development. 5.8 % of 10-minute walkshed is in Puget Sound Regional Council regional growth center area and 51.2% is in Puget Sound Regional Council manufacturing/industrial center area.	57% Station near Port of Tacoma and Tacoma Downtown. Low potential to support growth centers. Some industrial activities. Minimal opportunities for economic development. 5.8 % of 10-minute walkshed is in Puget Sound Regional Council regional growth center area and 51.2% is in Puget Sound Regional Council manufacturing/industrial center area.	44.4% Station near Port of Tacoma and Tacoma Downtown. Lowest potential to support growth centers. Fewer industrial activities. Minimal opportunities for economic development. 2.1 % of 10-minute walkshed is in Puget Sound Regional Council regional growth center area and 42.3% is in Puget Sound Regional Council manufacturing/industrial center area.	65.4% Station in proximity to Port of Tacoma and near Tacoma Downtown. Medium potential to support growth centers. Many industrial activities. Some opportunities for economic development. 19.3 % of 10-minute walkshed is in Puget Sound Regional Council regional growth center area and 46.1% is in Puget Sound Regional Council manufacturing/industrial center area.
L2.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future (2040) pop and employment densities within 10-minute walkshed	Population densities: existing 23/future 36 Employment densities: existing 56/future 78 Lowest population density. High job density, high job growth.	Population densities: existing 29/future 43 Employment densities: existing 51/future 72 Lowest population density. High job density, high job growth.	Population densities: existing 47/future 61 Employment densities: existing 39/future 55 High population density, low job density.	Population densities: existing 47/future 61 Employment densities: existing 39/future 55 High population density, low job density.	Population densities: existing 56/future 70 Employment densities: existing 34/future 48 High population density, lowest job density.	Population densities: existing 36/future 49 Employment densities: existing 41/future 57 Medium population density. Low job density, medium job growth.
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access							
L2.6: Consistency with civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral", or "inconsistent with TOD around alternative location"(-)	This station is located in an industrial-zoned area, which is inconsistent with transit-oriented development. Based on current zoning, the best opportunities for transit-oriented development are located south of I-5. The location of ET 1 creates a dependency on the connection along Portland Avenue, which is highly congested and has high truck traffic volumes. The Port of Tacoma has economic development plans to preserve truck access and mobility along Portland Avenue, which is inconsistent with the siting of a station here.	This station is located in an industrial-zoned area, which is inconsistent with transit-oriented development. Based on current zoning, the best opportunities for transit-oriented development are located south of I-5. The location of ET 2 creates a dependency on the connection along Portland Avenue, which is highly congested and has high truck traffic volumes. The Port of Tacoma has economic development plans to preserve truck access and mobility along Portland Avenue, which is inconsistent with the siting of a station here.	This station is located in an industrial-zoned area, which is inconsistent with transit-oriented development. Based on current zoning, the best opportunities for transit-oriented development are located south of I-5. This station location has more opportunity to connect to areas south of I-5, which would support transit-oriented development and the Tribe's goals with respect to the casino's economic success. This station location is more proximal to multiple connections under I-5 (Portland Avenue and Bay Street).	This station is located in an industrial-zoned area, which is inconsistent with transit-oriented development. Based on current zoning, the best opportunities for transit-oriented development are located south of I-5. This station location has more opportunity to connect to areas south of I-5, which would support transit-oriented development and the Tribe's goals with respect to the casino's economic success. This station location is more proximal to multiple connections under I-5 (Portland Avenue and Bay Street).	This station is located in an industrial-zoned area, which is inconsistent with transit-oriented development. Based on current zoning, the best opportunities for transit-oriented development are located south of I-5. This station location has more opportunity to connect to areas south of I-5, which would support transit-oriented development and the Tribe's goals with respect to the casino's economic success. This station location is more proximal to multiple connections under I-5 (Portland Avenue and Bay Street).	This station is located in an industrial-zoned area, which is inconsistent with transit-oriented development. Based on current zoning, the best opportunities for transit-oriented development are located south of I-5. The location of ET 6 creates a dependency on the connection along Portland Avenue, which is highly congested and has high truck traffic volumes. The Port of Tacoma has economic development plans to preserve truck access and mobility along Portland Avenue, which is inconsistent with the siting of a station here.
L2.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within a ¼ mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	ET 1 has more total land compared to the other alternatives, primarily because nearby parcels are large (some parcels are included within the 1/4 mile walking distance even though just a small portion is within the walking distance). ET 1 has no land that would have a greater likelihood to redevelop; most of the land nearby is industrial and would have a lower likelihood to redevelop. (2,477,000 SF total land; 100% classified as lower likelihood to redevelop)	ET 2 has more total land compared to the other alternatives, primarily because nearby parcels are large (some parcels are included within the 1/4 mile walking distance even though just a small portion is within the walk distance). ET 2 has no land that would have a greater likelihood to redevelop; most of the land nearby is industrial and would have a lower likelihood to redevelop. (2,786,000 SF total land; 2,777,000 SF of land with lower likelihood to redevelop; 9,000 SF tribal land)	ET 3A has more land that has a greater likelihood to redevelop within the 1/4 mile walking distance. None of the other alternatives except ET 5 have any of this type of land within the 1/4 mile walking distance. (1,857,000 SF total land; 13,000 SF of land with a greater likelihood to redevelop; 1,633,000 SF of land with lower likelihood to redevelop; 211,000 SF tribal land)	ET 3A has more land that has a greater likelihood to redevelop within the 1/4 mile walking distance. None of the other alternatives except ET 5 have any of this type of land within the 1/4 mile walking distance. (1,857,000 SF total land; 13,000 SF of land with a greater likelihood to redevelop; 1,633,000 SF of land with lower likelihood to redevelop; 211,000 SF tribal land)	ET 5 has more land that has a greater likelihood to redevelop within the 1/4 mile walking distance. None of the other alternatives except ET 3 have any of this type of land within the 1/4 mile walking distance. (1,457,000 SF total land; 13,000 SF of land with a greater likelihood to redevelop; 1,023,000 SF of land with lower likelihood to redevelop; 421,000 SF tribal land)	ET 6 has a lower amount of total land compared to most other alternatives. ET 6 has no land that would have a greater likelihood to redevelop; most of the land nearby is industrial and would have a lower likelihood to redevelop. (1,691,000 SF total land; 1,683,000 SF of land with lower likelihood to redevelop; 9,000 SF tribal land)

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Tacoma Dome Link Extension - Level 2 Evaluation Results

East Tacoma Station Area

Measure	Methodology	ET 1 Puyallup Avenue	ET 2 E 25th Street	ET 3A E 26th Street to E 25th Street	ET 3B 26th Street East	ET 5 E 27th Street	ET 6 26th Street West
L2.8: Detailed evaluation of nonmotorized barriers within ½ mile of the station	Assessment of barriers within half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways)	This station location has minimal connectivity to the north because of the rail lines. Portland Avenue provides connections to the north but has grade changes, high volumes of faster moving truck traffic, and difficult pedestrian connectivity due to multiple ramp connections. The Puyallup River and rail yards are barriers to the east of the station. To the south, the Sounder trestle and I-5 are barriers. The primary connection to areas south of I-5 for this station is Portland Avenue, which is congested and has a lot of fast-moving trucks and turning traffic.	This station location has minimal connectivity to the north because of the rail lines. Portland Avenue provides connections to the north but has grade changes, high volumes of faster moving truck traffic, and difficult pedestrian connectivity due to multiple ramp connections. The Puyallup River and rail yards are barriers to the east of the station. To the south, the Sounder trestle and I-5 are barriers. The primary connection to areas south of I-5 for this station is Portland Avenue, which is congested and has a lot of fast-moving trucks and turning traffic.	This station location is more proximal to multiple connections under I-5 (Portland Avenue and Bay Street) for both vehicles and nonmotorized users. Bay Street and Portland Avenue could be improved into more pedestrian-friendly crossings (the Portland Avenue undercrossing is also congested and has fast-moving trucks and turning traffic). On the south side of Bay Street, the grade is less steep compared to Portland Avenue, and Bay Street currently has a wider sidewalk, an existing barrier between the sidewalk and vehicle traffic, fewer truck traffic and crossings, and a direct connection to the landscaped path through the casino grounds.	This station location is more proximal to multiple connections under I-5 (Portland Avenue and Bay Street) for both vehicles and nonmotorized users. Bay Street and Portland Avenue could be improved into more pedestrian-friendly crossings (the Portland Avenue undercrossing is also congested and has fast-moving trucks and turning traffic). On the south side of Bay Street, the grade is less steep compared to Portland Avenue, and Bay Street currently has a wider sidewalk, an existing barrier between the sidewalk and vehicle traffic, fewer truck traffic and crossings, and a direct connection to the landscaped path through the casino grounds.	This station location is more proximal to multiple connections under I-5 (Portland Avenue and Bay Street) for both vehicles and nonmotorized users. Bay Street and Portland Avenue could be improved into more pedestrian-friendly crossings (the Portland Avenue undercrossing is also congested and has fast-moving trucks and turning traffic). On the south side of Bay Street, the grade is less steep compared to Portland Avenue, and Bay Street currently has a wider sidewalk, an existing barrier between the sidewalk and vehicle traffic, fewer truck traffic and crossings, and a direct connection to the landscaped path through the casino grounds.	This station location has minimal connectivity to the north because of the rail lines. Portland Avenue provides connections to the north but has grade changes, high volumes of faster moving truck traffic, and difficult pedestrian connectivity due to multiple ramp connections. The Puyallup River and rail yards are barriers to the east of the station. To the south, I-5 is a barrier. The primary connection to areas south of I-5 for this station is Portland Avenue, which is congested and has a lot of fast-moving trucks and turning traffic. This station is closer to neighborhoods to the south.
L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	There are minimal to no amenities near the station.	There are minimal to no amenities near the station.	There are minimal to no amenities near the station; however, this station is close to a convenience store, which could be a useful amenity for riders. This station is also closer to the tribal headquarters and casino to the south of I-5.	There are minimal to no amenities near the station; however, this station is close to a convenience store, which could be a useful amenity for riders. This station is also closer to the tribal headquarters and casino to the south of I-5.	There are minimal to no amenities near the station. This station would also potentially impact a convenience store, possibly removing a useful amenity for riders. This station is also closest to the tribal headquarters and casino to the south of I-5.	There are minimal to no amenities near the station with the exception of a convenience store. This station is closer to the tribal headquarters and casino to the south of I-5.
L2.10: Proximity to existing transit service and level of transit service diversion required	Distance to nearest existing bus stop with at least 30-minute headways; measure of the level of diversion that could be required.	Shortest distance (255 feet) from the eastbound bus stop at Puyallup Avenue and Portland Avenue E Least amount of transit diversion	Moderate distance (430 feet) from the eastbound bus stop at Puyallup Avenue and Portland Avenue E Moderate amount of transit diversion	Shorter distance (395 feet) from the northbound bus stop at Portland Avenue E and East 26th Street Lower amount of transit diversion	Shorter distance (395 feet) from the northbound bus stop at Portland Avenue E and East 26th Street Lower amount of transit diversion	Further distance (610 feet) from the northbound bus stop at Portland Avenue E and East 26th Street Greater amount of transit diversion	Moderate distance (500 feet) from the southbound bus stop at Portland Avenue E and East 26th Street Moderate amount of transit diversion
	Distance to nearest rail platform based on proposed station concepts (TACOMA DOME)	N/A	N/A	N/A	N/A	N/A	N/A
L2.11: Ease of vehicular pickup/drop-off for a variety of users	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion using proposed station concepts.	•Left-turn access onto Puyallup Avenue would not be permitted from new "East O Street" •Most drivers are expected to access the station via East Portland Avenue and Puyallup Avenue; access would be most difficult for northbound drivers on East Portland Avenue and westbound drivers on Puyallup Avenue	•Left-turn access onto Puyallup Avenue would not be permitted from new "East O Street" •Most drivers are expected to access the station via East Portland Avenue and Puyallup Avenue; access would be most difficult for northbound drivers on East Portland Avenue and westbound drivers on Puyallup Avenue	•Two ingress/egress points from off-street lot on East Portland Avenue and new internal street •Southbound left turn access via East Portland Avenue would require drivers to circulate around the station	•Two ingress/egress points from off-street lot on East Portland Avenue and new internal street •Southbound left turn access via East Portland Avenue would require drivers to circulate around the station	•On-street area located on new internal streets would be accessible from East Portland Avenue, East Bay Street, and East 26th Street •Left turn access would not be available to or from East Bay Street; southbound left turn access via East Portland Avenue would require drivers to circulate around the station	•Single ingress/egress point from off-street lot on East 26th Street •Most drivers are expected to access the station via East Portland Avenue; access would be most difficult for northbound drivers on East Portland Avenue •Internal left turns on/off redeveloped East 26th Street and East 27th Street are not expected to be difficult
L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.08 Funded: 0.13	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.08 Funded: 0.12	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.05 Funded: 0.10	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.05 Funded: 0.10	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.04 Funded: 0.10	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.07 Funded: 0.12
L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	Low ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.67 Funded: 0.67	Low ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.67 Funded: 0.67	Moderate ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.72 Funded: 0.72	Moderate ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.72 Funded: 0.72	Moderate ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.73 Funded: 0.73	Low ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.63 Funded: 0.63
Objective: Preserve the Environment							
L2.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	May be minor impacts to wetlands along river	May be minor impacts to wetlands along river	May be minor impacts to wetlands along river	May be minor impacts to wetlands along river	May be minor impacts to wetlands along river	May be minor impacts to wetlands along river
L2.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within 100-foot buffer of each alternative	Crossing Puyallup River	May be minor impacts to wetlands along river	Crossing Puyallup River	Crossing Puyallup River	Crossing Puyallup River	Crossing Puyallup River
L2.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	Crossing Puyallup River	Crossing Puyallup River	Crossing Puyallup River	Crossing Puyallup River	Crossing Puyallup River	Crossing Puyallup River
L2.17: Potential effects to vegetated areas	Estimated area of vegetation removal	Small area of Riparian Forest along River	Small area of Riparian Forest along River	Small area of Riparian Forest along River	Small area of Riparian Forest along River	Small area of Riparian Forest along River	Avoids most vegetated areas
L2.18: Potential effects to floodplains	Number of impacts to or floodplains/floodways (additive) within 100-foot buffer	Would require new 430-foot crossing of Puyallup River floodplain and floodway (both mapped)	Would require new 430-foot crossing of Puyallup River floodplain and floodway (both mapped)	Would require new 430-foot crossing of Puyallup River floodplain and floodway (both mapped)	Would require new 430-foot crossing of Puyallup River floodplain and floodway (both mapped)	Would require new 430-foot crossing of Puyallup River floodplain and floodway (both mapped)	Would require new 430-foot crossing of Puyallup River floodplain and floodway (both mapped)

Lower Performing

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Tacoma Dome Link Extension - Level 2 Evaluation Results

East Tacoma Station Area

Measure	Methodology	ET 1 Puyallup Avenue	ET 2 E 25th Street	ET 3A E 26th Street to E 25th Street	ET 3B 26th Street East	ET 5 E 27th Street	ET 6 26th Street West
L2.19: Presence of geologic hazard areas (steep slopes, erosion or landslide hazard areas)	Number of geologic hazard areas (steep slope, erosion, landslide hazard areas)	Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Lahar hazard zone along entire extent High liquefaction susceptibility along entire extent	Lahar hazard zone along half of extent High liquefaction susceptibility along 2/3 of extent	Lahar hazard zone along half of extent High liquefaction susceptibility along half of extent	Lahar hazard zone along half of extent High liquefaction susceptibility along 3/4 of extent
L2.20: Estimated number of affected parcels and total acreage by property type	Assessment of potential property impacts and general estimate of acreage of land converted from other land uses to a transportation use	Total potential parcels: 20-25 Total Potential Acre Impact: 5-10 Total Acres of Potential Parcels Impacted: 15-20	Total potential parcels: 20-25 Total Potential Acre Impact: 5-10 Total Acres of Potential Parcels Impacted: 15-20	Total potential parcels: 15-20 Total Potential Acre Impact: 5-10 Total Acres of Potential Parcels Impacted: 10-15	Total potential parcels: 15-20 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 5-10	Total potential parcels: 10-15 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 10-15	Total potential parcels: 15-20 Total Potential Acre Impact: 0-5 Total Acre of Parcels Impacted: 10-15
L2.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	Approximately 10-15 businesses displaced, including up to 1 hotel, 2 auto dealers or major auto service providers, and 3 industrial businesses.	Approximately 5-10 businesses displaced, including up to 1 hotel, 1 auto dealer or major auto service provider, and 3 industrial businesses.	Approximately 5-10 businesses displaced, including up to 4 auto dealers or major auto service providers and 2 industrial businesses.	Approximately 5-10 businesses displaced, including up to 2 auto dealers or major auto service providers and 5 industrial businesses.	Approximately 1-5 businesses displaced, including up to 2 auto dealers or major auto service providers, 1 medical office, and 1 industrial business.	Approximately 5-10 businesses displaced, including up to 3 auto dealers or major auto service providers and 4 industrial businesses.
L2.22: Estimated number of displacements by property type; Impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Number of potential property impacts from alignment and station by property type; range may vary by segment due to length of alignment	Residential Displacements: 0-5 Commercial Displacements: 10-15 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0 -5 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0 -5 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0-5 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0-5 Commercial Displacements: 0-5 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0-5 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0
L2.23: Estimated number of tribal parcels potentially affected	Number tribal-owned parcels affected by each alternative	Potential effects on two tribal properties including Puyallup River	Potential effects on two tribal properties including Puyallup River	Potential effects on two tribal properties including Puyallup River	Potential effects on two tribal properties including Puyallup River	Potential effects on four tribal properties including Puyallup River	Potential effects on two tribal properties including Puyallup River
L2.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks
L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places	Number of impacts to Section 4(f) resources and properties listed in or eligible for the National Register of Historic Places within 100-foot buffer of each alternative	Potential to affect five historic-period resources with undetermined significance. Based on the resource types and ages, potential for historic significance is low to moderate.	Potential to affect six historic-period resources with undetermined significance. Based on the resource types and ages, potential for historic significance is low to moderate.	Potential to affect one historic-period resource with undetermined significance. Based on the resource type and age, potential for historic significance is low.	Potential to affect one historic-period resource with undetermined significance. Based on the resource type and age, potential for historic significance is low.	Potential to affect two historic-period resources with undetermined significance. Based on the resource type and age, potential for eligibility is low.	No potential to affect historic resources.
L2.26: Potential effects on Section 4(f) cultural and archaeological resources	Number of potential impacts and probability to encounter Section 4(f) cultural and/or archaeological resources within 100-foot buffer of each alternative	No recorded cultural and archaeological resources, but moderate potential to encounter unrecorded resources.	No recorded cultural and archaeological resources, but moderate potential to encounter unrecorded resources.	No recorded cultural and archaeological resources, but moderate potential to encounter unrecorded resources.	No recorded cultural and archaeological resources, but moderate potential to encounter unrecorded resources.	No recorded cultural and archaeological resources, but moderate potential to encounter unrecorded resources.	No recorded cultural and archaeological resources, but moderate potential to encounter unrecorded resources.
L2.27: Potential effects to view sheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.
L2.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	No sensitive receivers within 350-foot buffer	One single-family residence within 350-foot buffer	Two single-family residences and one hotel within 350-foot buffer	Two single-family residences and one hotel within 350-foot buffer	Two single-family residences and one hotel within 350-foot buffer	One hotel within 350-foot buffer
L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted	More delay (up to 500 total additional seconds) at study intersections (northbound left at E Portland Avenue/E 25th Street, eastbound left at E Portland Avenue/E 26th Street) compared to without the project and alternatives ET 3 and ET 5.	More delay (up to 500 total additional seconds) at study intersections (northbound left at E Portland Avenue/E 25th Street, eastbound left at E Portland Avenue/E 26th Street) compared to without the project and alternatives ET 3 and ET 5.	Some added delay (up to 300 total additional seconds) at intersections (eastbound left at E Portland Avenue/E 26th Street, E Bay Street/I-5 NB on-ramp) compared to without the project. Traffic impacts similar to ET 5 alternative.	Some added delay (up to 300 total additional seconds) at intersections (eastbound left at E Portland Avenue/E 26th Street, E Bay Street/I-5 NB on-ramp) compared to without the project. Traffic impacts similar to ET 5 alternative.	Some added delay (up to 300 total additional seconds) at intersections (eastbound left at E Portland Avenue/E 26th Street, E Bay Street/I-5 NB on-ramp) compared to without the project.. Traffic impacts similar to ET 3 alternative.	More delay (up to 500 total additional seconds) at study intersections (northbound left at E Portland Avenue/E 25th Street, westbound left at E Portland Avenue/E 26th Street) compared to without the project and alternatives ET 3 and ET 5.

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Tacoma Dome Link Extension - Level 2 Evaluation Results

East Tacoma Station Area

Measure	Methodology	ET 1 Puyallup Avenue	ET 2 E 25th Street	ET 3A E 26th Street to E 25th Street	ET 3B 26th Street East	ET 5 E 27th Street	ET 6 26th Street West
L2.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors	More freight impacts compared to alternatives ET 3 and ET 5 due to additional congestion at the study intersections.	More freight impacts compared to alternatives ET 3 and ET 5 due to additional congestion at the study intersections.	Some added delay at intersections compared to without the project alternative. Freight impacts due to intersection congestion similar to ET 5 alternative.	Some added delay at intersections compared to without the project alternative. Freight impacts due to intersection congestion similar to ET 5 alternative.	Some added delay at intersections compared to without the project alternative. Freight impacts due to intersection congestion similar to ET 3 alternatives.	More freight impacts compared to alternatives ET 3 and ET 5 due to additional congestion at the study intersections.
L2.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative	16 total hazardous materials sites	16 total hazardous materials sites	2 total hazardous materials sites	3 total hazardous materials sites	3 total hazardous materials sites	1 total hazardous materials site
L2.32: Potential effects on parking demand and supply and spillover parking effects	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Count of parcels with parking that are potentially impacted: 2 Count of parcels with more than 50% of parking potentially impacted: 1 Parking Acreage Potentially Impacted: 0.34	Count of parcels with parking that are potentially impacted: 6 Count of parcels with more than 50% of parking potentially impacted: 1 Parking Acreage Potentially Impacted: 0.35	Count of parcels with parking that are potentially impacted: 2 Count of parcels with more than 50% of parking potentially impacted: 1 Parking Acreage Potentially Impacted: 0.50	Count of parcels with parking that are potentially impacted: 2 Count of parcels with more than 50% of parking potentially impacted: 1 Parking Acreage Potentially Impacted: 0.49	Count of parcels with parking that are potentially impacted: 2 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 0.39	Count of parcels with parking that are potentially impacted: 0 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 0.00
Objective: Support Equitable Mobility							
L2.33: Potential benefits to low-income or minority populations	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 48.9% minority and 44.3% low-income population; therefore, the station would serve more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 48.6% minority and 43.9% low-income population; therefore, the station would serve more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 55.0% minority and 45.8% low-income population; therefore, the station would serve more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 55.0% minority and 45.8% low-income population; therefore, the station would serve more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 46.6% minority and 42.6% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 47.3% minority and 42.8% low-income population; therefore, the station would serve more slightly more minority low-income populations compared to Tacoma as a whole.
L2.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 10-15 business displacements. Therefore it is possible there could be limited potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the highest numbers of displacements in East Tacoma, this would be the lowest performing of the East Tacoma alternatives.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be limited potential impacts to environmental justice populations.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be limited potential impacts to environmental justice populations.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are 0-5 residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be limited potential impacts to environmental justice populations.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 0-5 business displacements. Therefore it is possible there could be limited potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the lowest numbers of displacements in East Tacoma, this would be the highest performing of the East Tacoma alternatives.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are 0-5 residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be some potential impacts to environmental justice populations.
Objective: Provide a Financially Sustainable and Constructible Project							
L2.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.*	$700M (higher estimate to build)	$700M (higher estimate to build)	$750M (highest estimate to build)	$650M (moderate estimate to build)	$700M (higher estimate to build)	$700M (higher estimate to build)
L2.36: Operating estimate	Assessment of potential magnitude of O&M estimates based on travel time	Curves operate at 45 and 50 mph; middle alignment length (0.76 miles) compared to most alternatives would result in slightly higher operating estimates.	Curves operate at 45 and 50 mph; middle alignment length (0.75 miles) compared to most alternatives would result in slightly higher operating estimates.	No curves below 55 mph and slightly shorter alignment length (0.74 miles) would result in lower operating estimates.	No curves below 55 mph and slightly shorter alignment length (0.73 miles) would result in lower operating estimates.	No curves below 55 mph and slightly shorter alignment length (0.72 miles) would result in lower operating estimates.	No curves below 55 mph; longer alignment length (0.79 miles) compared to most alternatives would result in moderate operating estimates.
L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g. power lines, transportation infrastructure)	Very few utilities running parallel, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Impacts parallel water main in Bay Street median, moderate crossing of utilities.
L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	10 sites requiring remediation	Seven sites requiring remediation	Zero sites requiring remediation	Zero sites requiring remediation	One site requiring remediation	Zero sites requiring remediation
L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	This alternative impacts some structures, which could lead to additional considerations that could arise during construction.	This alternative impacts some structures, which could lead to additional considerations that could arise during construction.	This alternative requires a crossing of the active Sounder tracks, which would create additional construction considerations. This alternative impacts some structures, which could lead to additional considerations that could arise during construction.	This alternative impacts some structures, which could lead to additional considerations that could arise during construction.	This alternative impacts the fewest structures, which could minimize potential construction considerations that may arise during construction.	This alternative impacts some structures, which could lead to additional considerations that could arise during construction.

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Tacoma Dome Link Extension - Level 2 Evaluation Results

East Tacoma Station Area

Measure	Methodology	ET 1 Puyallup Avenue	ET 2 E 25th Street	ET 3A E 26th Street to E 25th Street	ET 3B 26th Street East	ET 5 E 27th Street	ET 6 26th Street West
L2.40: Availability and potential to use publicly-owned right-of-way and publicly-owned property	Amount of publicly-owned ROW and publicly-owned property (individual parcels in public ownership) available per conceptual design of alignment	Lower potential to use publicly-owned right-of-way, moderate potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 31.2% Parcels: 2	Moderate potential to use publicly-owned right-of-way, moderate potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 46.7% Parcels: 2	3 Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 55.5% Parcels: 1	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 47.8% Parcels: 1	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 92.3% Parcels: 1	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 58.2% Parcels: 0
L2.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the ST Long Range Plan	N/A	N/A	N/A	N/A	N/A	N/A
L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way, number of at grade crossings, if any)	This alignment meanders, but maintains speeds 45 mph and above. Horizontal curve speeds: 45, 50	This alignment meanders, but maintains speeds 45 mph and above. Horizontal curve speeds: 45, 50	This alignment meanders, but maintains 55 mph speeds through horizontal curvature. Horizontal curve speed: 55	This alignment meanders, but maintains 55 mph speeds through horizontal curvature. Horizontal curve speed: 55	This alignment is mostly tangent and maintains 55 mph speeds through horizontal curvature. Horizontal curve speed: 55	This alignment meanders, but maintains 55 mph speeds through horizontal curvature. Horizontal curve speed: 55
L2.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	No major schedule risks	No major schedule risks	No major schedule risks	No major schedule risks	No major schedule risks	No major schedule risks

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Tacoma Dome - Level 2 Evaluation Results

Tacoma Dome Station Area

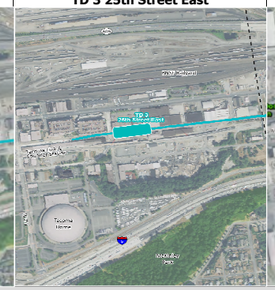

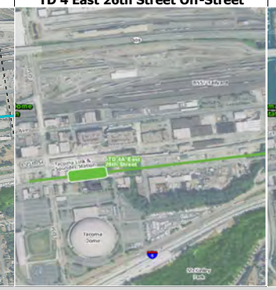

Measure	Methodology	TD 1 Puyallup Ave	TD 2 25th Street West	TD 3 25th Street East	TD 4 East 26th Street Off-Street	TD 4 East 26th Street In-Street	TD 4 West E 26th Street to E 27th Street (E 26th St to E 27th St)	TD 4 West E 26th Street to E 27th Street (E 27th St)
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs								
L2.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 MPH	Moderate percentage of alignment below 55 mph (14.4%); middle alignment length; 0.08 miles longer than the shortest Tacoma Dome alternative	Low percentage of alignment below 55 mph (0.0%); shorter alignment length (0.59 miles)	Low percentage of alignment below 55 mph (0.0%); shorter alignment length (0.59 miles)	Low percentage of alignment below 55 mph (0.0%); middle alignment length; 0.03 miles longer than the shortest Tacoma Dome alternative	Low percentage of alignment below 55 mph (0.0%); middle alignment length; 0.03 miles longer than the shortest Tacoma Dome alternative	High percentage of alignment below 55 mph (63.2%); longer alignment length; 0.19 miles longer than the shortest Tacoma Dome alternative	High percentage of alignment below 55 mph (31.6%); middle alignment length; 0.06 miles longer than the shortest Tacoma Dome alternative
L2.2: Daily and annual projected project ridership (2042)	Average daily projected riders (baseline estimate provided for Tacoma Dome station area, with qualitative differences noted for station/alignment alternatives) **Tacoma Dome: 10,530 Daily NB; 10,530 Daily SB**	Higher ridership potential due to proximity to existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and potential for transit-oriented development growth.	Higher ridership potential due to proximity to existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and potential for transit-oriented development growth.	Higher ridership potential due to proximity to existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and potential for transit-oriented development growth.	Moderate ridership potential due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers.	Moderate ridership potential due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers.	Moderate ridership potential due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers.	Moderate ridership potential due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers.
L2.3: Projected station boardings (2042)	Projected station boardings (baseline estimate provided for Tacoma Dome station area, with qualitative differences noted for station/alignment alternatives) **Tacoma Dome: 10,370 daily NB boardings; 0 daily SB boardings**	Higher level of projected station boardings due to proximity to existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and potential for transit-oriented development growth.	Higher level of projected station boardings due to proximity to existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and potential for transit-oriented development growth.	Higher level of projected station boardings due to proximity to existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and potential for transit-oriented development growth.	Moderate level of projected station boardings due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers	Moderate level of projected station boardings due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers	Moderate level of projected station boardings due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers	Moderate level of projected station boardings due to distance from existing commercial and residential uses, existing rail transfer opportunities, existing park-and-ride facilities, and presence of topographical barriers
L2.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial Centers	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	98.5% Station located within Tacoma Dome and near Port of Tacoma. Highest potential to support growth centers. Center for economic development. Some industrial activities. 82.3% of 10-minute walkshed in Puget Sound	98.4% Station located within Tacoma Dome and near Port of Tacoma. Highest potential to support growth centers. Center for economic development. Some industrial activities. 87.1% of 10-minute walkshed in Puget Sound	99.5% Station located within Tacoma Dome and near Port of Tacoma. Highest potential to support growth centers. Center for economic development. Some industrial activities. 80.5% of 10-minute walkshed in Puget Sound	93.4% Station located within Tacoma Dome and near Port of Tacoma. Medium potential to support growth centers. Center for economic development. Less industrial activities. 85.2% of 10-minute walkshed in Puget Sound	93.4% Station located within Tacoma Dome and near Port of Tacoma. Medium potential to support growth centers. Center for economic development. Less industrial activities. 85.2% of 10-minute walkshed in Puget Sound	85.3% Station located within Tacoma Dome and near Port of Tacoma. Lowest potential to support growth centers. Some opportunities for economic development. Fewer industrial activities. 76.0% of 10-minute walkshed is in	85.3% Station located within Tacoma Dome and near Port of Tacoma. Lowest potential to support growth centers. Some opportunities for economic development. Fewer industrial activities. 76.0% of 10-minute walkshed in
L2.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future (2040) pop and employment densities within 10-minute walkshed	Population densities: existing 10/future 35 Employment densities: existing 46/future 66 Lower population density, high population growth. moderate job density, moderate job growth.	Population densities: existing 11/future 35 Employment densities: existing 54/future 78 Lower population density, high population growth. Higher job density, higher job growth.	Population densities: existing 11/future 27 Employment densities: existing 64/future 91 Low population density, high population growth. Highest job density, highest job growth.	Population densities: existing 15/future 41 Employment densities: existing 52/future 75 Higher population density, higher population growth. Moderate job density, high job growth.	Population densities: existing 15/future 41 Employment densities: existing 52/future 75 Higher population density, higher population growth. Moderate job density, high job growth.	Population densities: existing 20/future 46 Employment densities: existing 43/future 63 High population density, high population growth. Lower job density, low job growth.	Population densities: existing 20/future 46 Employment densities: existing 43/future 63 High population density, high population growth. Lower job density, low job growth.
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access								
L2.6: Consistency with civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral", or "inconsistent with TOD around alternative location"(-)	Station is located in the Downtown Mixed Use zone, which is most compatible with the City's transit connectivity goals because it is closest to the transit hub. This station is also close to several new/planned transit-oriented developments. This station (as well as TD 2) also has the most intuitive and easy access under I-705 toward downtown and other residential neighborhoods where transit-oriented development could occur.	Station is located in the Downtown Mixed Use zone, which is most compatible with the City's transit connectivity goals because it is closest to the transit hub. This station is also close to several new/planned transit-oriented developments. This station (as well as TD 1) also has the most intuitive and easy access under I-705 toward downtown and other residential neighborhoods where transit-oriented development could occur.	This station is located in a light industrial zone that does not allow residential and is adjacent to a heavy industrial zone, which is not compatible with transit-oriented development. The area to the west of the station is a Downtown Mixed Use zone, but may be difficult to develop in the 1-2 blocks immediately adjacent because of the existing infrastructure that limits the supply of developable land.	This station is very close to the Tacoma Dome. While the station is located in the Downtown Mixed Use zone, there are important civic amenities (and associated parking) that are unlikely to be redeveloped into mixed use TOD. This station is also adjacent to a tribal trust property for which the tribe has economic development plans, which further limits the compatibility of this station.	This station is very close to the Tacoma Dome. While the station is located in the Downtown Mixed Use zone, there are important civic amenities (and associated parking) that are unlikely to be redeveloped into mixed use TOD. This station is also adjacent to a tribal trust property for which the tribe has economic development plans, which further limits the compatibility of this station.	This station is very close to the Tacoma Dome. While the station is located in the Downtown Mixed Use zone, there are important civic amenities (and associated parking) that are unlikely to be redeveloped into mixed use TOD.	This station is very close to the Tacoma Dome. While the station is located in the Downtown Mixed Use zone, there are important civic amenities (and associated parking) that are unlikely to be redeveloped into mixed use TOD.
L2.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within a ¼ mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	This alternative has a greater amount of land with a greater likelihood to redevelop within the 1/4 mile walking distance. This alternative also has a greater amount of total land within the 1/4 mile walking distance. (3,566,000 SF total land; 2,908,000 SF of land with a greater likelihood to redevelop; 580,000 SF of land with lower likelihood to redevelop; 78,000 SF tribal land)	This alternative has a greater amount of land with a greater likelihood to redevelop within the 1/4 mile walking distance. This alternative also has a greater amount of total land within the 1/4 mile walking distance. (3,673,000 SF total land; 2,893,000 SF of land with a greater likelihood to redevelop; 702,000 SF of land with lower likelihood to redevelop; 78,000 SF tribal land)	This alternative has the least amount of land with a greater likelihood to redevelop within the 1/4 mile walking distance but has a large amount of total land within the 1/4 mile walking distance. (3,615,000 SF total land; 2,181,000 SF of land with a greater likelihood to redevelop; 1,360,000 SF of land with lower likelihood to redevelop; 74,000 SF tribal land)	This alternative has a greater amount of land with a greater likelihood to redevelop within the 1/4 mile walking distance compared to other alternatives, but has less total land. (3,359,000 SF total land; 2,968,000 SF of land with a greater likelihood to redevelop; 313,000 SF of land with lower likelihood to redevelop; 78,000 SF tribal land)	This alternative has a greater amount of land with a greater likelihood to redevelop within the 1/4 mile walking distance compared to other alternatives, but has less total land. (3,359,000 SF total land; 2,968,000 SF of land with a greater likelihood to redevelop; 313,000 SF of land with lower likelihood to redevelop; 78,000 SF tribal land)	This alternative has slightly less land with a greater likelihood to redevelop within the 1/4 mile walking distance compared to other alternatives. This alternative also has less total land within the walkshed. (2,926,000 SF total land; 2,761,000 SF of land with a greater likelihood to redevelop; 87,000 SF of land with lower likelihood to redevelop; 78,000 SF tribal land)	This alternative has slightly less land with a greater likelihood to redevelop within the 1/4 mile walking distance compared to other alternatives. This alternative also has less total land within the walkshed. (2,926,000 SF total land; 2,761,000 SF of land with a greater likelihood to redevelop; 87,000 SF of land with lower likelihood to redevelop; 78,000 SF tribal land)
L2.8: Detailed evaluation of nonmotorized barriers within ½ mile of the station	Assessment of barriers within half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways)	TD 1 has fewer barriers due to a flatter grade nearby and easy connections to the transit hub via the multi-level station, which minimizes pedestrian/vehicle conflicts. This station has the best visual connection to the water and to downtown for wayfinding; although the railroad to the north is a barrier, there is a good pedestrian connection on the bridge that spans it. Connections to the west where there is more transit-oriented development potential are good at this station.	TD 2 has fewer barriers due to a flatter grade nearby and easy connections to the transit hub via the multi-level station, which minimizes pedestrian/vehicle conflicts. This station has good visual connection to the water and to downtown for wayfinding; although the railroad to the north is a barrier, there is a good pedestrian connection on the bridge that spans it. Connections to the west where there is more transit-oriented development potential are good at this station.	TD 3 is downhill from, and an approximately 2-3 minute walk from, the transit hub. The grade to the station development area to the west is potentially a barrier. The BNSF railyard and I-5 create barriers to the north and south of the station. The grade change immediately south of the Sounder trestle is also a barrier.	There is a grade change from the station to the transit hub. Access to the transit hub is also less intuitive because the Sounder tracks are a barrier to access. There are grade challenges and fewer visual connections between downtown to the west and the station. The civic amenities at the Tacoma Dome, the Sounder Tracks, and I-5 limit the points of connectivity to the rest of the Tacoma Dome neighborhood and to areas to the south. BNSF lines to the north further limit connectivity.	There is a grade change from the station to the transit hub. Access to the transit hub is also less intuitive because the Sounder tracks are a barrier to access. There are grade challenges and fewer visual connections between downtown to the west and the station. The civic amenities at the Tacoma Dome, the Sounder Tracks, and I-5 limit the points of connectivity to the rest of the Tacoma Dome neighborhood and to areas to the south. BNSF lines to the north further limit connectivity.	There is a grade change from the station to the transit hub. Access to the transit hub is also less intuitive because the Sounder tracks are a barrier to access. There are grade challenges and fewer visual connections between downtown to the west and the station. The civic amenities at the Tacoma Dome, the Sounder Tracks, and I-5 limit the points of connectivity to the rest of the Tacoma Dome neighborhood and to areas to the south. BNSF lines to the north further limit connectivity.	There is a grade change from the station to the transit hub. Access to the transit hub is also less intuitive because the Sounder tracks are a barrier to access. There are grade challenges and fewer visual connections between downtown to the west and the station. The civic amenities at the Tacoma Dome, the Sounder Tracks, and I-5 limit the points of connectivity to the rest of the Tacoma Dome neighborhood and to areas to the south. BNSF lines to the north further limit connectivity.
L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	The station is near the largest cluster of businesses on Puyallup Avenue and the transit amenities in Freighthouse Square. This alternative would impact a restaurant but does not impact many other transit-oriented development anchor-businesses.	The station is near the largest cluster of businesses on Puyallup Avenue and the transit amenities in Freighthouse Square. This alternative would likely preserve Freighthouse Square, including many food retailers and convenience/service retailers.	There are minimal amenities near the station. All of the amenities are located to the west of the station. The adjacent zoning and existing uses to the north, south, and east further limit the development likelihood of new amenities.	There are minimal amenities near the station. This alternative would impact a restaurant, which is one of the few existing amenities nearby. There is some potential for future amenities to develop due to nearby planned developments.	There are minimal amenities near the station. This alternative would impact a restaurant, which is one of the few existing amenities nearby. There is some potential for future amenities to develop due to nearby planned developments.	There are minimal amenities near the station. This alternative would impact a retail bookstore, which is one of the few existing amenities nearby. There is some potential for future amenities to develop due to nearby planned developments.	There are minimal amenities near the station. This alternative would impact a retail bookstore, which is one of the few existing amenities nearby. There is some potential for future amenities to develop due to nearby planned developments.

Lower Performing

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Tacoma Dome - Level 2 Evaluation Results

Tacoma Dome Station Area

Measure	Methodology	TD 1 Puyallup Ave	TD 2 25th Street West	TD 3 25th Street East	TD 4 East 26th Street Off-Street	TD 4 East 26th Street In-Street	TD 4 West E 26th Street to E 27th Street (E 26th St to E 27th St)	TD 4 West E 26th Street to E 27th Street (E 27th St)
				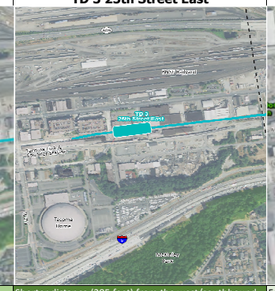	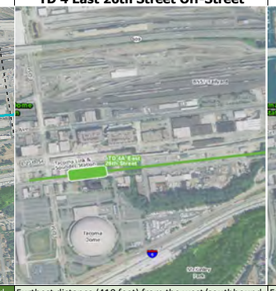			
L2.10: Proximity to existing transit service and level of transit service diversion required	Distance to nearest existing bus stop with at least 30-minute headways; measure of the level of diversion that could be required.	Shortest distance (280 feet) from the west/southbound bus stop at Puyallup Avenue and East D Street Least amount of transit diversion	Moderate distance (390 feet) from the west/southbound bus stop at Tacoma Dome Station - Zone H Moderate amount of transit diversion	Shorter distance (285 feet) from the west/southbound bus stop at Tacoma Dome Station - Zone H Lower amount of transit diversion	Furthest distance (410 feet) from the west/southbound bus stop at 26th Street East and East D Street Greatest amount of transit diversion	Furthest distance (430 feet) from the west/southbound bus stop at 26th Street East and East D Street Greatest amount of transit diversion	Moderate distance (370 feet) from the west/southbound bus stop at 26th Street East and East D Street Moderate amount of transit diversion	Moderate distance (370 feet) from the west/southbound bus stop at 26th Street East and East D Street Moderate amount of transit diversion
	Distance to nearest rail platform based on proposed station concepts (TACOMA DOME)	Shorter distance (430 feet) from the Tacoma Link platform (measured from the center of the station polygon; no direct connection to the Tacoma Link platform)	Shorter distance (445 feet) from the Tacoma Link platform (measured from the center of the station polygon; no direct connection to the Tacoma Link platform)	Further distance (1,080 feet) from the Tacoma Link platform (measured from the center of the station polygon; no direct connection to the Tacoma Link platform)	Moderate distance (795 feet) from the Tacoma Link platform (measured from the center of the station polygon - assumed use of the pedestrian bridge shown in the schematic design with a direct connection to the Sounder platform); no direct connection to the Tacoma Link platform	Further distance (970 feet) from the Tacoma Link platform (measured from the center of the station polygon - assumed use of the pedestrian bridge shown in the schematic design with a direct connection to the Sounder Platform); no direct connection to the Tacoma Link platform	Further distance (970 feet) from the Tacoma Link platform (measured from the center of the station polygon; no direct connection to the Tacoma Link platform)	Further distance (970 feet) from the Tacoma Link platform (measured from the center of the station polygon; no direct connection to the Tacoma Link platform)
L2.11: Ease of vehicular pickup/drop-off for a variety of users	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion using proposed station concepts.	•Two ingress/egress points from off-street lot to Puyallup Avenue •Left-turn access to and from Puyallup Avenue is currently permitted; if left turns were restricted or difficult due to volumes, drivers could circulate around the station to make a left turn at the signalized intersection	•Two ingress/egress points from off-street lot to Puyallup Avenue •Left-turn access to and from Puyallup Avenue is currently permitted; if left turns were restricted or difficult due to volumes, drivers could circulate around the station to make a left turn at the signalized intersection	•No pickup/drop-off area designated •Informal pickup/drop-off areas available on all two-way streets surrounding the station area	•Access would be challenging for eastbound drivers on East 26th Street •Left turns are likely to be less complicated on East D Street, East 26th Street, and East E Street than those onto Puyallup Avenue •Left turn access to Puyallup available at East D Street and East G Street (both signalized)	•Access would be challenging for eastbound drivers on East 26th Street •Left turns are likely to be less complicated on East D Street, East 26th Street, and East E Street than those onto Puyallup Avenue •Left turn access to Puyallup available at East D Street and East G Street (both signalized)	•Pickup/drop-off area farthest from primary east-west arterial (Puyallup Avenue) •Left turns are likely to be less complicated on East D Street, East 26th Street, East E Street, and East 27th Street than those onto Puyallup Avenue •Left-turn access to Puyallup available at East D Street and East G Street(both signalized)	•Pickup/drop-off area farthest from primary east-west arterial (Puyallup Avenue) •Left turns are likely to be less complicated on East D Street, East 26th Street, East E Street, and East 27th Street than those onto Puyallup Avenue •Left-turn access to Puyallup available at East D Street and East G Street(both signalized)
L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.14 Funded: 0.17	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.14 Funded: 0.17	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.12 Funded: 0.17	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.13 Funded: 0.16	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.13 Funded: 0.16	Low ratio of existing and funded bike facility miles to roadway miles. Existing: 0.13 Funded: 0.16	Low ratio of existing and funded bike facility miles to roadway miles Existing: 0.13 Funded: 0.16
L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	High ratio of existing and funded pedestrian facility miles to roadway miles, moderate topographical challenges. Existing: 0.83 Funded: 0.85	High ratio of existing and funded pedestrian facilities to roadway miles, moderate topographical challenges. Existing: 0.79 Funded: 0.80	Moderate ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.71 Funded: 0.71	High ratio of existing and funded pedestrian facilities to roadway miles, significant topographical challenges. Existing: 0.78 Funded: 0.80	High ratio of existing and funded pedestrian facilities to roadway miles, significant topographical challenges. Existing: 0.78 Funded: 0.80	High ratio of existing and funded pedestrian facility miles to roadway miles, significant topographical challenges. Existing: 0.82 Funded: 0.84	High ratio of existing and funded pedestrian facility miles to roadway miles, significant topographical challenges. Existing: 0.82 Funded: 0.84
		Objective: Preserve the Environment						
L2.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	No wetlands present	No wetlands present	No wetlands present	No wetlands present	No wetlands present	No wetlands present	Unlikely that wetlands are present
L2.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within 100-foot buffer of each alternative	No stream crossings	No stream crossings	No stream crossings	No stream crossings	No stream crossings	No stream crossings	No stream crossings
L2.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	No protected species or habitat	No protected species or habitat	No protected species or habitat	No protected species or habitat	No protected species or habitat	No protected species or habitat	No protected species or habitat
L2.17: Potential effects to vegetated areas	Estimated area of vegetation removal	Largely unvegetated	Largely unvegetated	Largely unvegetated	Largely unvegetated	Largely unvegetated	Clears small area of upland forest	Alignment would clear upland forest
L2.18: Potential effects to floodplains	Number of impacts to or floodplains/floodways (additive) within 100-foot buffer	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.	No mapped floodplains/floodways present.
L2.19: Presence of geologic hazard areas (steep slopes, erosion or landslide hazard areas)	Number of geologic hazard areas (steep slope, erosion, landslide hazard areas)	Lahar hazard zone along majority of extent High liquefaction susceptibility along majority of extent	Lahar hazard zone along majority of extent High liquefaction susceptibility along majority of extent	Lahar hazard zone along majority of extent High liquefaction susceptibility along majority of extent	Lahar hazard zone along 1/2 of extent High liquefaction susceptibility along 1/2 of extent	Lahar hazard zone along 1/2 of extent High liquefaction susceptibility along 1/2 of extent	Lahar hazard zone along 1/2 of extent High liquefaction susceptibility along 1/2 of extent	Steep slope east of Tacoma Dome High liquefaction susceptibility along 1/2 of extent
L2.20: Estimated number of affected parcels and total acreage by property type	Assessment of potential property impacts and general estimate of acreage of land converted from other land uses to a transportation use	Total potential parcels: 20-25 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 10-15 Potential to impact new development that is under construction	Total potential parcels: 20-25 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 10-15	Total potential parcels: 10-15 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 10-15	Total potential parcels: 25-30 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 5-10	Total potential parcels: 10-15 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 5-10	Total potential parcels: 30-35 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 35-40	Total potential parcels: 20-25 Total Potential Acre Impact: 0-5 Total Acres of Potential Parcels Impacted: 30-35
L2.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	Approximately 15-20 businesses displaced, including up to 1 auto dealer or major auto service provider and 4 industrial businesses.	Approximately 10-15 businesses displaced, including up to 5 industrial businesses.	Approximately 5-10 businesses displaced, including up to 3 industrial businesses.	Approximately 10-15 businesses displaced, including up to 7 industrial businesses.	Approximately 5-10 businesses displaced, including up to 5 industrial businesses.	Approximately 10-15 businesses displaced, including up to 1 commercial retail center, 1 medical office, and 6 industrial businesses.	Approximately 5-10 businesses displaced, including up to 1 hotel, 1 commercial retail center, and 1 medical office.
L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Number of potential property impacts from alignment and station by property type; range may vary by segment due to length of alignment	Residential Displacements: 0 Commercial Displacements: 15-20 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0 Commercial Displacements: 10-15 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0-5 Commercial Displacements: 10-15 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0-5 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0-5 Commercial Displacements: 10-15 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0	Residential Displacements: 0 Commercial Displacements: 5-10 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0
L2.23: Estimated number of tribal parcels potentially affected	Number tribal-owned parcels affected by each alternative	No tribal properties affected	No tribal properties affected	No tribal properties affected	Potential effects on four tribal properties	No tribal properties affected	Potential effects on one tribal property	Potential effects on two tribal properties

Lower Performing

Higher Performing

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				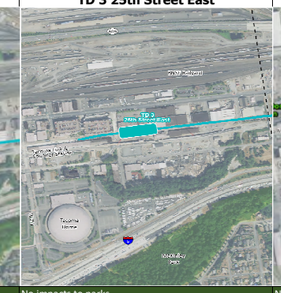	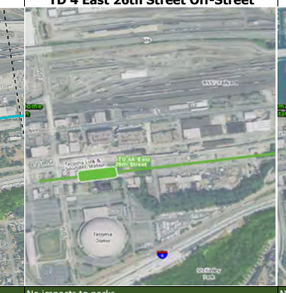		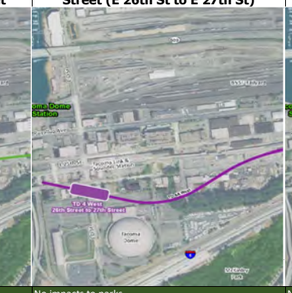	
L2.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks	No impacts to parks
L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places	Number of impacts to Section 4(f) resources and properties listed in or eligible for the National Register of Historic Places within 100-foot buffer of each alternative	Potential to impact seven historic-period resources with undetermined significance. Based on the resource types and ages, potential for significance is moderate to high.	Potential to affect five historic-period resources: including one of local significance but not meeting standards for national significance, and four resources with undetermined significance. Based on the resource types and ages, potential for eligibility is moderate.	Potential to affect one historic resource of local significance but not meeting standards for national significance.	Potential to impact two historic-period resources with undetermined significance. Based on the resource types and ages, potential for significance is low.	Potential to impact two historic-period resources with undetermined significance. Based on the resource types and ages, potential for significance is low.	Potential to impact five historic-period resources, including one determined nationally significant, and four buildings with undetermined significance.	Potential to impact two historic-period resources with undetermined significance. Based on the resource types and ages, potential for eligibility is low.
L2.26: Potential effects on Section 4(f) cultural and archaeological resources	Number of potential impacts and probability to encounter Section 4(f) cultural and/or archaeological resources within 100-foot buffer of each alternative	No recorded cultural and archaeological resources, but moderate to high probability to encounter unrecorded historic archaeological resources.	One recorded cultural and archaeological resource, and moderate to high probability to encounter unrecorded historic archaeological resources.	No recorded cultural and archaeological resources, but moderate to high probability to encounter unrecorded historic archaeological resources.	Two recorded cultural and archaeological resources, and moderate to high probability to encounter unrecorded historic archaeological resources.	No recorded cultural and archaeological resources, but moderate to high probability to encounter unrecorded historic archaeological resources.	Two recorded cultural and archaeological resources, and moderate to high probability to encounter unrecorded historic archaeological resources.	No recorded cultural and archaeological resources, but moderate to high probability to encounter unrecorded historic archaeological resources.
L2.27: Potential effects to view sheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	No effects to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.	No effects to protected views or to parcels with view-dependent businesses.
L2.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	One school within 350-foot buffer (Summit Public School)	Two single-family residences within 350-foot buffer	Two single-family residences within 350-foot buffer	Four single-family residences and one hotel within 350-foot buffer	Four single-family residences and one hotel within 350-foot buffer	Four single-family residences and one hotel within 350-foot buffer	Four single-family residences within 350-foot buffer (assuming hotel is a full property take)
L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted	Minimal added delay (up to 5 additional seconds) at one study intersection (E D Street/E 26th Street) compared to without the project.	More delay (up to 70 additional seconds) at study intersections (E D Street/E 26th Street) compared to without the project and TD 1 and TD 4 alternatives.	More delay (up to 50 total additional seconds) at study intersections (E D Street/E 26th Street, E G Street/E 25th Street) compared to without the project and TD 1 and TD 4 alternatives.	Some added delay (up to 25 additional seconds) at intersections (E D Street/E 26th Street) compared to without the project. Traffic impacts more than TD 1 but less than TD 2 and TD 3 alternatives.	Some added delay (up to 25 additional seconds) at intersections (E D Street/E 26th Street) compared to without the project. Traffic impacts more than TD 1 but less than TD 2 and TD 3 alternatives.	Some added delay (up to 20 additional seconds) at intersections (E D Street/E 26th Street) compared to without the project. Traffic impacts more than TD 1 but less than TD 2 and TD 3 alternatives.	Some added delay (up to 20 additional seconds) at intersections (E D Street/E 26th Street) compared to without the project. Traffic impacts more than TD 1 but less than TD 2 and TD 3 alternatives.
L2.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors	Minor freight impacts compared to alternatives TD 2, TD 3, and TD 4 due to minimal additional congestion at one study intersection.	More freight impacts compared to alternatives TD 1 and TD 4 due to additional congestion at the study intersections.	More freight impacts compared to alternatives TD 1 and TD 4 due to additional congestion at the study intersections.	Some added delay at intersections compared to without the project alternative.	Some added delay at intersections compared to without the project alternative.	Some added delay at intersections compared to without the project alternative.	Some added delay at intersections compared to without the project alternative.
L2.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative	11 total hazardous materials sites	Nine total hazardous materials sites	Eight total hazardous materials sites	Five total hazardous materials sites	Five total hazardous materials sites	11 total hazardous materials sites	Three total hazardous materials sites
L2.32: Potential effects on parking demand and supply and spillover parking effects	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Count of parcels with parking that are potentially impacted: 6 Count of parcels with more than 50% of parking potentially impacted: 1 Parking Acreage Potentially Impacted: 0.67	Count of parcels with parking that are potentially impacted: 3 Count of parcels with more than 50% of parking potentially impacted: 1 Parking Acreage Potentially Impacted: 0.13	Count of parcels with parking that are potentially impacted: 2 Count of parcels with more than 50% of parking potentially impacted: 0 Parking Acreage Potentially Impacted: 0.02	Count of parcels with parking that are potentially impacted: 7 Count of parcels with more than 50% of parking potentially impacted: 2 Parking Acreage Potentially Impacted: 0.68	Count of parcels with parking that are potentially impacted: 6 Count of parcels with more than 50% of parking potentially impacted: 3 Parking Acreage Potentially Impacted: 0.94	Count of parcels with parking that are potentially impacted: 6 Count of parcels with more than 50% of parking potentially impacted: 4 Parking Acreage Potentially Impacted: 1.21	Count of parcels with parking that are potentially impacted: 4 Count of parcels with more than 50% of parking potentially impacted: 3 Parking Acreage Potentially Impacted: 1.60
		Objective: Support Equitable Mobility						
L2.33: Potential benefits to low-income or minority populations	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 43.5% minority and 48.0% low-income population; therefore, the station would serve more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 39.4% minority and 43.2% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 36.2% minority and 38.7% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 39.1% minority and 43.3% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 39.1% minority and 43.3% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 39.1% minority and 43.3% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.	Tacoma is composed of 27.3% minority and 36.0% low-income populations. This station area has a 41.0% minority and 45.9% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Tacoma as a whole.
L2.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 15-20 business displacements. Therefore it is possible there could be limited potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the highest numbers of displacements in the Tacoma Dome segment, this would be the lowest performing of the alternatives.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 10-15 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the highest number of displacements in the Tacoma Dome segment, this would be the lowest performing of the alternatives.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be some potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the lowest number of displacements in the Tacoma Dome segment, this would be the highest performing of the alternatives.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are 0-5 residential displacements anticipated and approximately 10-15 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are 0-5 residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are 0-5 residential displacements anticipated and approximately 10-15 business displacements. Therefore it is possible there could be moderate potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the highest number of displacements in the Tacoma Dome segment, this would be the lowest performing of the alternatives.	This alternative has higher percentages of minority and low-income populations compared to Tacoma. There are no residential displacements anticipated and approximately 5-10 business displacements. Therefore it is possible there could be some potential impacts to environmental justice populations. Since environmental justice populations are similar across all alternatives and this alternative would have one of the lowest numbers of displacements in the Tacoma Dome segment, this would be the highest performing of the alternatives.

Lower Performing

Higher Performing

Tacoma Dome - Level 2 Evaluation Results

Tacoma Dome Station Area

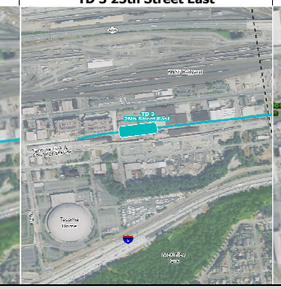

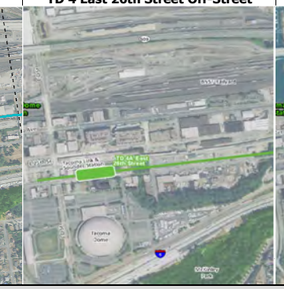

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Objective: Provide a Financially Sustainable and Constructible Project								
L2.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.*	$300M (moderate estimate to build)	$400M (highest estimate to build)	$350M (higher estimate to build)	$250M (lower estimate to build)	$250M (lower estimate to build)	$350M (higher estimate to build)	$300M (moderate estimate to build)
L2.36: Operating estimate	Assessment of potential magnitude of O&M estimates based on travel time	One 30 mph curve (tail track) and middle length alignment length (0.67 miles) would result in moderate operating estimates.	Shorter alignment length (0.59 miles) and no curves below 55 mph would result in lower operating estimates.	Shorter alignment length (0.59 miles) and no curves below 55 mph would result in lower operating estimates.	No curves and middle length alignment (0.62 miles) would result in slightly lower operating estimates.	No curves and middle length alignment (0.62 miles) would result in slightly lower operating estimates.	One curve at 40 mph and slightly longer alignment (0.78 miles) would result in higher operating estimates.	One curve at 40 mph and middle length alignment (0.65 miles) would result in moderate operating estimates.
L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g. power lines, transportation infrastructure)	Very few utilities running parallel, moderate crossing of utilities.	Water and sewer mains running parallel/beneath alignment on 25th Street, moderate crossing of utilities.	Water and sewer mains running parallel/beneath alignment on 25th Street, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	Very few utilities running parallel, moderate crossing of utilities.	No utilities running parallel, low crossing of utilities.
L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	Six sites requiring remediation	Five sites requiring remediation	Seven sites requiring remediation	Zero sites requiring remediation	Zero sites requiring remediation	Two sites requiring remediation	Zero sites requiring remediation
L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	This alternative impacts some structures, which could lead to additional considerations that could arise during construction.	Would require construction in narrow right-of-way near Freighthouse Square. Could have impacts to Tacoma Link operations during construction.	Tail tracks could have impacts to Tacoma Link operations during construction.	This alternative would require construction scheduling and coordination with events at the Tacoma Dome.	This alternative would require construction scheduling and coordination with events at the Tacoma Dome. Construction of the station spanning the street would require additional coordination for potential construction traffic impacts.	This alternative would require construction scheduling and coordination with events at the Tacoma Dome. Construction of the station spanning the street would require additional coordination for potential construction traffic impacts.	This alternative would require construction scheduling and coordination with events at the Tacoma Dome. Construction of the station spanning the street would require additional coordination for potential construction traffic impacts.
L2.40: Availability and potential to use publicly-owned right-of-way and publicly-owned property	Amount of publicly-owned ROW and publicly-owned property (individual parcels in public ownership) available per conceptual design of alignment	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 89.4% Parcels: 0	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 100.0% Parcels: 0	Higher potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 100.0% Parcels: 0	Lower potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 16.5% Parcels: 1	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 36.8% Parcels: 1	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 36.8% Parcels: 1	Moderate potential to use publicly-owned right-of-way, lower potential to use publicly-owned property (individual parcels in public ownership). Right-of-way: 46.4% Parcels: 0
L2.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the ST Long Range Plan	This alternative on Puyallup Avenue offers a less direct connection with more property impacts for a potential extension of the light rail line to Tacoma Mall, compared to TD 4 West or TD 4 East. This alternative would also require crossing over the Sounder/Amtrak rail line.	This alternative on E 25th Street offers a less direct connection with more property impacts for a potential extension of the light rail line to Tacoma Mall, compared to TD 4 West and TD 4 East. This alternative would also require crossing over the Sounder/Amtrak rail line and an extension at this location would need to avoid Tacoma Link.	This alternative on E 25th Street offers a less direct connection with more property impacts for a potential extension of the light rail line to Tacoma Mall, compared to TD 4 West and TD 4 East. This alternative would also require crossing over the Sounder/Amtrak rail line and an extension at this location would need to avoid Tacoma Link.	This location on E 26th Street offers a more direct connection with less property impacts for a potential extension of the light rail line to Tacoma Mall. This alternative also creates no conflicts with Sounder/heavy rail.	This location on E 26th Street offers a more direct connection with less property impacts for a potential extension of the light rail line to Tacoma Mall. This alternative also creates no conflicts with Sounder/heavy rail.	This location on E 26th Street offers a more direct connection with less property impacts for a potential extension of the light rail line to Tacoma Mall. This alternative also creates no conflicts with Sounder/heavy rail.	This location on E 26th Street offers a more direct connection with less property impacts for a potential extension of the light rail line to Tacoma Mall. This alternative also creates no conflicts with Sounder/heavy rail.
L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way, number of at grade crossings, if any)	This alignment is mostly tangent with a small 30 mph curve at the end of the alignment. This would be less efficient for future extensions, but unlikely to affect operations of the Tacoma Dome Link Extension as vehicles will already be moving slowly at the end of the line. Horizontal curve speeds: mostly 55, small 30 at end	This alignment is mostly tangent with 55 mph speeds throughout. Horizontal curve speed: 55	This alignment is mostly tangent with 55 mph speeds throughout. Horizontal curve speed: 55	This alignment is mostly tangent with 55 mph speeds throughout. Horizontal curve speed: 55	This alignment is mostly tangent with 55 mph speeds throughout. Horizontal curve speed: 55	This alignment meanders, causing a slowdown at a 40 mph curve prior to the station platform. Horizontal curve speeds: 55, 55, 40	This alignment meanders, causing a slowdown at a 40 mph curve prior to the station platform. Horizontal curve speeds: 55, 40
L2.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	Potential schedule risks due to archaeological impacts that could arise during construction	Potential schedule risks due to archaeological impacts that could arise during construction	Potential schedule risks due to archaeological impacts that could arise during construction	Potential schedule risks due to archaeological impacts that could arise during construction	Potential schedule risks due to archaeological impacts that could arise during construction	Potential schedule risks due to archaeological impacts that could arise during construction	Potential schedule risks due to archaeological impacts that could arise during construction

Tacoma Dome Link Extension - Level 2 Evaluation Potential Property Impacts Summary

		Alternative																									
		South Federal Way								Fife					East Tacoma						Tacoma Dome						
Property Impacts		SF 2 West	SF 2 East	SF 3	SF 4A	SF 4B	SF 4C	SF 4D	SF 8 & SF 9	Fife 1	Fife 3A	Fife 3B	Fife 4A	Fife 4B	ET 1	ET 2	ET 3A	ET 3B	ET 5	ET 6	TD 1	TD 2	TD 3	TD 4A East	TD 4B East	TD 4A West	TD 4B West
Total Acreage of Affected Parcels	Commercial	101.81	97.07	96.56	128.20	111.47	48.54	63.62	62.89	81.28	92.17	77.20	82.54	68.48	12.01	10.02	4.07	3.86	6.13	2.59	9.40	10.65	8.90	1.49		3.28	2.09
	Industrial	4.39	1.88	8.72	28.87	39.48	38.14	30.15	4.49	18.85	16.49	15.32	17.73	16.56	0.34	2.30	0.45	1.32	1.84	0.87	1.28	1.89	1.93	4.90		6.33	
	Other	52.10	55.84	60.52	49.53	143.56	172.81	78.78	47.75	19.59	24.40	24.32	24.08	25.01	3.37	3.81	8.31	4.69	2.80	8.32	0.94	0.37		2.86		26.86	29.15
	Residential	82.12	79.57	80.63	98.06	110.01	109.39	97.44	79.57	13.96	21.44	15.04	21.29	16.84				0.15		0.15				0.30		0.30	
	Total	**240.42**	**234.36**	**246.44**	**304.66**	**404.52**	**368.89**	**270.00**	**194.71**	**133.68**	**154.50**	**131.87**	**145.64**	**126.89**	**15.72**	**16.14**	**12.83**	**10.02**	**10.77**	**11.92**	**11.62**	**12.90**	**10.83**	**9.55**		**36.77**	**31.24**
Acreage of Affected Portion of Parcels	Commercial	7.58	8.35	7.75	12.76	11.83	8.22	9.15	9.95	11.43	8.54	9.83	10.35	9.25	5.44	4.59	2.06	2.18	0.60	2.59	1.92	1.23	0.18	0.61		1.76	1.19
	Industrial	4.37	0.19	0.30	4.39	5.60	6.65	9.15	1.92	6.04	1.57	1.18	2.38	1.99	0.23	0.40	0.45	0.85	0.45	0.39	0.50	1.03	0.26	1.56		1.57	
	Other	1.41	4.00	6.22	3.52	7.06	7.45	3.91	1.05	3.27	3.96	4.14	3.33	3.70	1.19	1.30	4.00	2.25	0.43	0.80	0.22	0.00		1.32		1.15	3.74
	Residential	5.79	4.73	5.54	3.43	3.41	5.25	5.27	4.34	1.66	2.01	3.00	3.92	5.45				0.07		0.07				0.13		0.11	
	Total	**19.16**	**17.27**	**19.81**	**24.11**	**27.89**	**27.56**	**23.78**	**17.26**	**22.40**	**16.08**	**18.15**	**19.98**	**20.39**	**6.87**	**6.28**	**6.51**	**5.35**	**1.48**	**3.85**	**2.64**	**2.27**	**0.44**	**3.62**		**4.59**	**4.93**
Affected Parcel Count	Commercial	16	14	13	42	43	21	18	8	53	41	51	51	57	13	9	9	7	6	4	16	14	9	7		15	6
	Industrial	1	2	4	10	14	13	10	3	6	8	7	9	8	1	5	1	4	4	3	3	5	3	8		9	
	Other	9	9	14	18	30	29	17	7	19	22	27	20	26	9	10	8	7	3	8	2	1		9		7	14
	Residential	9	7	9	10	10	10	10	7	16	22	29	24	40				1		1				2		2	
	Total	**35**	**32**	**40**	**80**	**97**	**73**	**55**	**25**	**94**	**93**	**114**	**104**	**131**	**23**	**24**	**18**	**19**	**13**	**16**	**21**	**20**	**12**	**26**		**33**	**20**
Acquisitions	Full	7	8	12	25	24	18	18	5	49	33	52	40	61	21	16	13	16	5	12	16	7	2	19		25	9
	Partial	29	24	28	57	73	55	37	20	46	60	62	64	70	2	8	5	3	8	4	6	13	10	7		8	11
	Total	**36**	**32**	**40**	**82**	**97**	**73**	**55**	**25**	**95**	**93**	**114**	**104**	**131**	**23**	**24**	**18**	**19**	**13**	**16**	**22**	**20**	**12**	**26**		**33**	**20**
Impacted Structures	Commercial	9	8	6	24	27	17	14	3	21	12	13	12	15	13	10	7	6	3	5	9	7	4	4		3	4
	Industrial	2	1	1	10	17	19	12	2	8	1		3	2	1	2	1	2	1	1	4	5	3			3	
	Other		1	1							2	2			1	1	3	3	1	1							1
	Residential	91	88	88	7	18	102	91	87	4	9	14	13	28				1		1				2			
	Total	**102**	**98**	**96**	**4**	**62**	**138**	**117**	**92**	**33**	**24**	**29**	**28**	**45**	**15**	**13**	**11**	**12**	**5**	**8**	**13**	**12**	**7**	**6**		**6**	**5**
Estimated Displacements	Single Family	87	86	86	2	1	86	87	86	8	6	12	10	23	0	0	0	1	0	1	0	0	0	2		0	0
	Multi Family	24	8	8	119	111	16	24	0	0	2	0	50	50	0	0	0	0	0	0	0	0	0	0		0	0
	Total Residential Units	111	94	94	121	112	102	111	86	8	8	12	60	73	0	0	0	1	0	1	0	0	0	2		1	0
	Businesses	24	21	20	48	49	38	37	4	63	24	58	27	48	13	9	8	9	4	7	16	13	7	11		13	7

Appendix B

Motion No. M2019-75

Identifying Tacoma Dome Link Extension Preferred Alternative(s) and Other Alternatives for Study in an Environmental Impact Statement

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee Board	07/11/2019 07/25/2019	Recommend to Board Final Action	Don Billen, PEPD Executive Director **Curvie Hawkins, Project Development Director**

Proposed action

Identifies the preferred alternative(s) and other alternatives for study in the Environmental Impact Statement for the Tacoma Dome Link Extension project.

Key features summary

- This action identifies the preferred alternative(s) and other alternatives to be studied in the Draft Environmental Impact Statement (EIS) from the range of alternatives evaluated during the alternatives development and environmental scoping phases of project development.
- Alternatives under consideration were refined through Level 1 and Level 2 evaluation with public input and recommendations by the Stakeholder Group (SG) and Elected Leadership Group (ELG). Public and agency input received during the National Environmental Policy Act (NEPA) scoping period and from the Federal Transit Administration (FTA) also informed additional alternatives under consideration.
- The System Expansion Implementation Plan includes the objective of identifying a preferred alternative along with other EIS alternatives at the end of the alternatives development process.
- The Representative Project in the voter-approved ST3 Plan defined the areas to be served by stations, general alignment and estimated cost and schedule.
- The alternatives identified for study will undergo conceptual engineering to support the EIS analyses. During the design and environmental review of the alternatives, Sound Transit will engage affected communities in the project development process and get feedback on alignment, profile and station design issues. Sound Transit will also seek to avoid, minimize or mitigate potential impacts of the project as the design progresses.

Alternatives for consideration

Alternatives considered for inclusion in the Draft EIS include the Level 2 alternatives, as described in the *Tacoma Dome Link Extension Scoping Information Report* (April 2019), and additional alternatives suggested during the EIS Scoping period. The alternatives are described below by geographical segment.

Heading south from the Federal Way Transit Center, potential alternatives generally follow along the west side of I-5 through Milton, or turn westward to align with SR 99. There are nine alternatives in South Federal Way (SF) that can generally be grouped into three alignment families:

- **I-5 West** – The I-5 West alternatives include SF 8: I-5/S 356th Street and SF 9: I-5/Jet
- **Enchanted Parkway** – The Enchanted Parkway alternatives include SF 2 West: Enchanted/S 352nd Street, SF 2 East: Enchanted/S 352nd Street, and SF 3: Enchanted/S 356th Street
- **SR 99** – The SR 99 alternatives include SF 4A: 99 North (SR 99 to I-5), SF 4B: 99 North (SR 99), SF 4C: 99 North (I-5 to SR 99), and SF 4D: 99 North (I-5 to SR 99 to I-5)

In South Federal Way, the station options are located between S 348th and S 356th streets with several options near I-5, along Enchanted Parkway, or on SR 99 near S 348th Street. The station options assume a 500-space park-and-ride.

Near the city limits of Milton and Fife, SR 99 and I-5 make a 90-degree curve to the west and are close together. In this area, the I-5 alternatives and SR 99 alternatives both enter Fife along SR 99. There are five alternatives in Fife that can generally be grouped into three alignment families:

- **12th Street** – The 12th Street alternative includes Fife 1: 12th Street E
- **North of 15th Street** – The North of 15th Street alternatives include Fife 3A: North of 15th Street E and Fife 3B: North of 15th Street E
- **South of 15th Street** – The South of 15th Street alternatives include Fife 4A: South of 15th Street E and Fife 4B: South of 15th Street E

The Fife alternatives are all located to the north of SR 99 to reach a station location near 59th Avenue E and 15th or 12th Streets E. The Fife station options assume a 500-space park-and-ride. The potential alignments then continue toward the Puyallup River either along SR 99/Pacific Highway E or along I-5.

Approaching the crossing of the Puyallup River, the alternatives are located near I-5 and south of Puyallup Avenue. There are six alternatives in East Tacoma (ET) that can generally be categorized into four alignment families:

- **Puyallup Avenue** – The Puyallup Avenue alternative includes ET 1: Puyallup Avenue
- **East 25th Street** – The East 25th Street alternative includes ET 2: E 25th Street
- **East 26th Street** – The East 26th Street alternatives include ET 3A: E 26th Street to E 25th Street, ET 3B: 26th Street East, and ET 6: 26th Street West
- **East 27th Street** – The East 27th Street alternative includes ET 5: E 27th Street

The East Tacoma Station would be located on E 25th, E 26th, E 27th, or Puyallup Avenue about a block east or west of Portland Avenue E.

Potential alternatives would follow E 25th, E 26th, E 27th, or Puyallup Avenue to the Tacoma Dome Station area. There are seven alternatives at the Tacoma Dome (TD) that can generally be categorized into four alignment families:

- **Puyallup Avenue** – The Puyallup Avenue alternative includes TD 1: Puyallup Avenue
- **East 25th Street** – The East 25th Street alternatives include TD 2: 25th Street West and TD 3: 25th Street East
- **East 26th Street** – The East 26th Street alternative includes TD 4 East: E 26th Street In-Street and TD 4 East: E 26th Street Off-Street
- **East 26th Street to East 27th Street** – The East 26th Street to East 27th Street alternatives include TD 4 West: E 26th Street to E 27th Street and TD 4 West: E 27th Street

The Tacoma Dome Station options are in the vicinity of East D, E, or G Streets.

The project's ELG, a comprehensive group of elected officials that represent the service corridor, recommended how to narrow and refine these alternatives based on the SG feedback and community, agency, and tribal input. The ELG recommended further study of the following alternatives in the Draft EIS:

- **South Federal Way** – SF 2 West (preferred alternative) and SF 2 East, SF 8/9
- **Fife** – Fife 3B SR 99 alignment west of station (preferred alternative) and 3A I-5 alignment west of station
- **East Tacoma** – ET 3A (preferred alternative) and ET 3B, ET 6
- **Tacoma Dome** - TD 2 (Preferred alternative) and TD 2 cut and cover, TD 3, TD 4 East In-Street

Background

The TDLE project would expand Link light rail transit service from the Federal Way Transit Center to the Tacoma Dome Station. The project corridor is approximately 10 miles long and is part of the Sound Transit 3 Plan (ST3) of regional transit system investments, funding for which was approved by voters in the region in 2016.

The mode and corridor served for the proposed project were identified through the years-long planning process for the Sound Transit Regional Transit Long-Range Plan and ST3 Plan. Through the local alternatives evaluation and screening process, Sound Transit ultimately developed the representative project included in the ST3 Plan and, based on additional public engagement and technical analysis, advanced various light rail transit alternatives with design options for further study. Each light rail transit alternative includes four stations that serve the following areas: South Federal Way, Fife, East Tacoma (near Portland Avenue and Interstate 5) and Tacoma Dome.

Evaluation of the alternatives identified by the Board will be conducted in cooperation with the Federal Transit Administration (FTA). Before committing federal funds to TDLE, the FTA is required to undertake environmental review in compliance with the National Environmental Policy Act (NEPA). As the public agency proposing the project, Sound Transit is required to comply with the State Environmental Policy Act (SEPA). The FTA, as the federal lead agency under NEPA, and Sound Transit, as the state lead agency under SEPA, have determined that the proposed project may have probable significant adverse environmental impacts. To satisfy both NEPA and SEPA requirements, the agencies are preparing a combined NEPA/SEPA EIS for the project.

The local planning and alternatives development processes included technical analysis, public engagement, and input from affected local, state, and federal agencies and tribes. Sound Transit developed an initial range of alternatives from agency and public input during the SEPA early scoping process held April 2 through May 3, 2018.The project's Elected Leadership Group (ELG), a comprehensive group of elected officials that represent the service corridor, and the Stakeholder Group (SG), an advisory group consisting of members of communities along the alignment appointed by the ELG, then recommended narrowing and refining these alternatives based on additional analysis and community, agency, and tribal input.

Project status

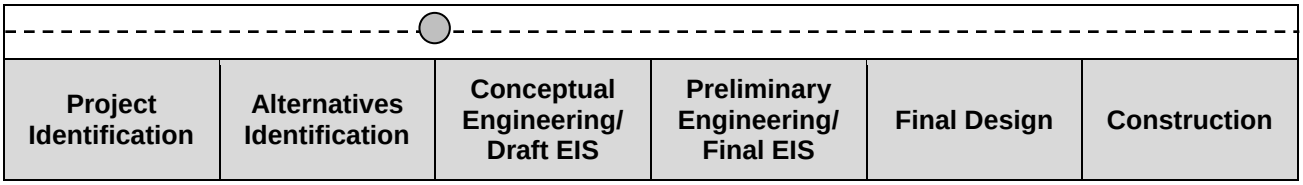

Projected completion date for Conceptual Engineering/Draft EIS: Q2 2021

Fiscal information

Although there is no direct fiscal action associated with the proposed action, the final alternative selection will have fiscal impacts affecting the design and construction of the project. Those impacts will be addressed during future actions as they are presented.

Disadvantaged and small business participation

Not applicable to this action.

Public involvement

Early scoping under SEPA for the TDLE project was conducted from April 2 through May 3, 2018, and public comment was received. The FTA and Sound Transit conducted EIS scoping from April 1 through May 1, 2019, under SEPA and NEPA. Three public scoping meetings and a meeting for agencies and tribes were held during this period, as well as an online open house from April 1 through May 1, 2019. FTA and Sound Transit asked for comments on the draft Purpose and Need statement; the alternatives that should be evaluated in the EIS; and social, economic, environmental, and transportation issues to be evaluated in the EIS. Comments were accepted by mail, email, online comment forms, transcribed phone messages, and through comment forms and via a court reporter at the scoping meetings. Input from the EIS scoping period was documented in the *Tacoma Dome Link Extension Scoping Summary Report* (May 2019) and was made available on the project website.

In total, six SG and nine ELG meetings were held over the course of the alternatives development process. In addition, Sound Transit continuously engaged the public to inform the recommendations of individuals and community groups at each level of screening and held 13 open houses and workshops throughout the corridor; attended 34 fairs/festivals and tabling events; visited more than 82 neighborhood and community organizations; provided 16 email updates, and developed three online open houses for those who could not engage in person.

Time constraints

A delay in the identification of the preferred alternative(s) and other alternatives to be studied in the DEIS would result in an equivalent delay to the subsequent production and review of the document.

Environmental review – SSK 7/3/19

Legal review – PW 7/9/19

Motion No. M2019-75

A motion of the Board of the Central Puget Sound Regional Transit Authority identifying the preferred alternative(s) and other alternatives for study in the Tacoma Dome Link Extension Environmental Impact Statement, for all segments except the Tacoma Dome segment.

Background

Early scoping under SEPA for the Tacoma Dome Link Extension (TDLE) project was conducted from April 2 through May 3, 2018, and public comment was received. The TDLE project would expand Link light rail transit service from the Federal Way Transit Center to the Tacoma Dome Station. The project corridor is approximately 10 miles long and is part of the Sound Transit 3 Plan (ST3) of regional transit system investments, funding for which was approved by voters in the region in 2016.

The mode and corridor served for the proposed project were identified through a multi-year planning process, including the Sound Transit Regional Transit Long-Range Plan and ST3 Plan. Through the local alternatives evaluation and screening process, Sound Transit ultimately developed the representative project included in the ST3 Plan and, based on additional public engagement and technical analysis, advanced various light rail transit alternatives with design options for further study. Each light rail transit alternative includes four stations that serve the following areas: South Federal Way, Fife, East Tacoma (near Portland Avenue and Interstate 5) and Tacoma Dome.

Evaluation of the alternatives identified by the Board will be conducted in cooperation with the Federal Transit Administration (FTA). Before committing federal funds to TDLE, the FTA is required to undertake environmental review in compliance with the National Environmental Policy Act (NEPA). As the public agency proposing the project, Sound Transit is required to comply with the State Environmental Policy Act (SEPA). The FTA, as the federal lead agency under NEPA, and Sound Transit, as the state lead agency under SEPA, have determined that the proposed project may have probable significant adverse environmental impacts. To satisfy both NEPA and SEPA requirements, the agencies are preparing a combined NEPA/SEPA EIS for the project.

The FTA and Sound Transit conducted Environmental Impact Statement (EIS) scoping from April 1 through May 1, 2019, under SEPA and NEPA, for the TDLE project. Three public scoping meetings and a meeting for agencies and tribes were held during this period, as well as an online open house from April 1 through May 1, 2019. FTA and Sound Transit asked for comments on the draft Purpose and Need statement; the alternatives that should be evaluated in the EIS; and social, economic, environmental, and transportation issues to be evaluated in the EIS. Comments were accepted by mail, email, online comment forms, transcribed phone messages, and through comment forms and via a court reporter at the scoping meetings. Input from the EIS scoping period was documented in the *Tacoma Dome Link Extension Scoping Summary Report* (May 2019) and was made available on the project website.

The local planning and alternatives development processes included technical analysis, public engagement, and input from affected local, state, and federal agencies and tribes. Sound Transit developed an initial range of alternatives from agency and public input during the SEPA early scoping process held April 2 through May 3, 2018. The project's Elected Leadership Group (ELG), a comprehensive group of elected officials that represent the service corridor, and the Stakeholder Group (SG), an advisory group consisting of members of communities along the alignment appointed by the ELG, then recommended narrowing and refining these alternatives based on additional analysis and community, agency, and tribal input.

The ELG recommended the following alternatives for inclusion in the EIS:

- **South Federal Way** – SF2 West (preferred alternative) and SF 2 East, SF 8/9
- **Fife** – F3B, SR 99 alignment west of station (preferred alternative) and F3A I-5 alignment west of station
- **East Tacoma** – ET3A (preferred alternative) and ET3B, ET6
- **Tacoma Dome** - TD2 (preferred alternative) and TD2 cut and cover, TD3, TD4 East In-Street

Subsequent to the ELG recommendation, the City of Tacoma requested also evaluating cut and cover stations at TD3 and TD4 East In-Street.

Additionally, potential station locations at ET 6 and SF 2 East were included in the ELG recommendation, however the potential opportunities of these station locations can be accomplished through design refinements to stations ET3A/ ET3B and SF2 West respectively. Therefore ET 6 and SF 2 East have not been included as separate alternatives in the EIS.

On July 11, 2019, FTA as the lead agency for the NEPA EIS process provided the following to Sound Transit:

Tacoma Dome Station Area

- The cut-and-cover alternatives should be removed from going forward into the NEPA EIS, based on Sound Transit's analysis, briefings, the alignment tour, tribal concerns, and conclusions described in the February 2019 technical memorandum…
- FTA concurs with TD2, TD3, and TD4 elevated alternatives moving forward into the NEPA EIS.

East Tacoma Station Area

- FTA concurs with preferred station alternative at ET3A, with ET3B elevated alternative moving forward into the NEPA EIS.

Fife Station Area

- FTA concurs with Fife 3 as a preferred station alternative.
- FTA does not concur with a "preferred" alternative alignment (I-5 vs. SR-99) identified for this location. Both alignment alternatives (I-5 and SR-99) should move forward into the NEPA EIS without one being identified as "preferred".

South Federal Way Station Area

- FTA concurs with SF2 West as the preferred station alternative, and SF 8/9 elevated alternatives moving forward into the NEPA EIS.
- FTA concurs with the I-5 alignment.

Motion

Recognizing the objectives included in the System Expansion Implementation Plan (SEIP) of identifying a preferred alternative and other alternatives under SEPA and NEPA prior to preparing environmental documents in order to accelerate overall project delivery, and given the commitments to schedule and budget noted in the Partnering Agreements and Statement of Partnering Intent made by the jurisdictions along the project corridor, the Board will consider identifying a "Preferred Alternative" and "Other EIS alternative(s)", for study within any given segment as follows:

- Preferred Alternative and Other EIS Alternative(s): Incorporates refinements to the representative project, consistent with the scope identified in the ST3 Plan, based on recommendations from the Elected Leadership Group and/ or input from the Stakeholder Group, scoping comments from the public, agencies and Tribes and Sound Transit's technical analysis.

- As part of the EIS analysis, Sound Transit will establish estimates of the costs of delivering the Preferred Alternative and Other EIS Alternative(s), The estimates would include any necessary modifications identified during the EIS analysis that may be needed to meet ST3 voter-approved requirements and would be calculated based on delivering the full project, not individual segments. These estimates would reflect updates to the costs of construction, real estate, EIS mitigation requirements, etc.

After publication of the draft EIS and receipt of public comment, the Board intends to confirm or modify the preferred alternative.

As such, it is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that, based on Board's review of the findings from the alternatives development process; the identification of third-party funding consistent with the partnering agreements with local jurisdictions; public and agency scoping comments; tribal comments; input from the SG (May 29, 2019) and ELG (June 14, 2019); the Partnering Agreements with the Cities of Tacoma, Fife, Milton, and Federal Way; the Statement of Partnering Intent with the Puyallup Tribe of Indians, the System Expansion Transit Integration Agreement with King County Metro, input from FTA, and other information developed to date, the preferred alternative, and other alternatives for the TDLE Draft EIS are identified as follows for all segments except the Tacoma Dome station area:

East Tacoma

Preferred Alternative

- ET3A: Elevated station at East Tacoma in the vicinity of E 26th St. or E 27th St. near Portland Avenue and north of Interstate 5 with elevated guideway in the vicinity of E 25th St. or E 26th St. connecting to TD2 or TD3. Option for an elevated station spanning Portland Avenue should be studied.

Other EIS alternative

- ET3B: Elevated station at East Tacoma in the vicinity of E 26th St. or E 27th St. near Portland Avenue and north of Interstate 5 with elevated guideway in the vicinity of E 26th St. connecting to TD4. Option for an elevated station spanning Portland Avenue should be studied.

The Board also directs staff to work with the City of Tacoma, Puyallup Tribe, Port of Tacoma, local transit agencies, the City's TOD Advisory Group and other stakeholders to examine opportunities to ensure appropriate multi-modal access, particularly non-motorized, drop-off and transit access, to this station, as well as how the station location and design can best support appropriate transit-oriented development. A particular focus will need to be on connections between the station and the neighborhoods and key destinations on the south side of I-5, including exploration of a pedestrian and bicycle bridge.

Fife

Preferred Alternative

- Fife 3: Elevated station in Fife north of 15th St.

Other EIS alternatives

- Fife A (I-5 Alignment): Elevated guideway alignment to the north of the station in the vicinity of I-5 and to the west of the station in the vicinity of I-5.

- Fife B (SR 99 Alignment): Elevated guideway alignment to the north of the station in the vicinity of I-5 and to the west of the station on the south side of SR 99.

The Fife station includes approximately 500 park-and-ride spaces. Additionally, the Board directs staff to examine opportunities to establish appropriate non-motorized, drop-off and transit access to this station and work with the City of Fife and stakeholders to support transit oriented development around the station.

South Federal Way

Preferred Alternative

- SF2 West: Elevated station in South Federal Way along Enchanted Parkway near S 352nd St. in the vicinity of I-5.

Other EIS alternatives

- SF 8/9: Elevated station in South Federal Way along I-5 near S 356th St. in the vicinity of I-5.

The South Federal Way station includes approximately 500 park-and-ride spaces. Additionally, the Board directs staff to work with the City of Federal Way and stakeholders to support transit oriented development around the station and examine opportunities to establish appropriate non-motorized, drop-off and transit access to this station.

This motion also authorizes staff to complete the Draft EIS, using the preferred alternative(s) and other alternatives identified above. The Board will not make a final decision on the project to be built until after completion of the Final EIS, which is anticipated to be published in 2022.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 25, 2019.

Kent Keel
Board Vice Chair

Attest:

Kathryn Flores
Board Administrator

Appendix C

Motion No. M2019-77

A motion of the Board of the Central Puget Sound Regional Transit Authority identifying the preferred alternative(s) and other alternatives for study in the Tacoma Dome Link Extension Environmental Impact Statement for the Tacoma Dome station area, with the expectation that prior to the Board meeting staff continue to work with the Federal Transit Administration in the hope of a revised opinion so the cut and cover options can be studied.

Motion

Recognizing the objectives included in the System Expansion Implementation Plan (SEIP) of identifying a preferred alternative and other alternatives under SEPA and NEPA prior to preparing environmental documents in order to accelerate overall project delivery, and given the commitments to schedule and budget noted in the Partnering Agreements and Statement of Partnering Intent made by the jurisdictions along the project corridor, the Board will consider identifying a "Preferred Alternative" and "Other EIS alternative(s)", for study within any given segment as follows:

- Preferred Alternative and Other EIS Alternative(s): Incorporates refinements to the representative project, consistent with the scope identified in the ST3 Plan, based on recommendations from the Elected Leadership Group and/ or input from the Stakeholder Group, scoping comments from the public, agencies and Tribes and Sound Transit's technical analysis.
- As part of the EIS analysis, Sound Transit will establish estimates of the costs of delivering the Preferred Alternative and Other EIS Alternative(s), The estimates would include any necessary modifications identified during the EIS analysis that may be needed to meet ST3 voter-approved requirements and would be calculated based on delivering the full project, not individual segments. These estimates would reflect updates to the costs of construction, real estate, EIS mitigation requirements, etc.

After publication of the draft EIS and receipt of public comment, the Board intends to confirm or modify the preferred alternative.

As such, it is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that, based on Board's review of the findings from the alternatives development process; the identification of third-party funding consistent with the partnering agreements with local jurisdictions; public and agency scoping comments; tribal comments; input from the SG (May 29, 2019) and ELG (June 14, 2019); the Partnering Agreements with the Cities of Tacoma, Fife, Milton, and Federal Way; the Statement of Partnering Intent with the Puyallup Tribe of Indians, the System Expansion Transit Integration Agreement with King County Metro, input from FTA, and other information developed to date, the preferred alternative, and other alternatives for the TDLE Draft EIS for the Tacoma Dome station area is identified as follows:

<u>Tacoma Dome</u>

Preferred Alternative

- TD2: Elevated station at Tacoma Dome station in vicinity of E 25th St., west of G Street. Options for the alignment and station close to the Sounder corridor should be examined.

Other EIS Alternatives

- TD3: Elevated station at Tacoma Dome station in vicinity of E 25th St., east of G Street. Options for the alignment and station close to the Sounder corridor should be examined.

- TD4 East In-Street: Elevated station at Tacoma Dome station located over E 26th St. Station location should be examined closer to D Street.

Recognizing that the Tacoma Dome Station is the stop for Downtown Tacoma and the South Sound's regional multi-modal hub, the Board also directs staff to work with the City of Tacoma, Puyallup Tribe, local transit agencies, Amtrak, the City's TOD Advisory Group and other stakeholders to ensure the Tacoma Dome Station represents the highest possible level of urban design and integration and catalyzes transit-oriented development in the neighborhood.

This motion also authorizes staff to complete the Draft EIS, using the preferred alternative(s) and other alternatives identified above. The Board will not make a final decision on the project to be built until after completion of the Final EIS, which is anticipated to be published in 2022.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 25, 2019.

Kent Keel
Board Vice Chair

Attest:

Kathryn Flores
Board Administrator

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

SCREENING FOR FIFE STATION OPTIONS

Appendix I5

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

February 2023

Tacoma Dome Link Extension

Screening for Fife Station Options

SOUNDTRANSIT

CENTRAL PUGET SOUND
REGIONAL TRANSIT AUTHORITY

Tacoma Dome Link Extension

Screening for Fife Station Options

Prepared for:
Sound Transit

Prepared by:
Parametrix

February 2023

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Acronyms and Abbreviations

Board	Sound Transit Board of Directors
COLI	Center of Local Importance
I-5	Interstate 5
NRHP	National Register of Historic Places
PSRC	Puget Sound Regional Council
Puyallup Tribe of Indians	Puyallup Tribe of the Puyallup Reservation
SEPA	State Environmental Policy Act
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
ST3 Plan	Sound Transit 3 Plan
TDLE	Tacoma Dome Link Extension

1 Introduction

In 2018 and 2019, Central Puget Sound Regional Transit Authority (Sound Transit) conducted an alternatives development process to identify station and alignment alternatives to study in the Tacoma Dome Link Extension (TDLE) Environmental Impact Statement. That process included three levels of screening: prescreening, Level 1, and Level 2 alternatives evaluation. The alternatives development process began with early scoping under the State Environmental Policy Act (SEPA) in April 2018 and scoping under the National Environmental Policy Act and SEPA in April 2019. Information on early scoping, scoping, and the development of the alternatives is included in Appendix I, Alternatives Development Supporting Documents.

In July 2019, the Sound Transit Board of Directors (Board) identified the alternatives for study in this Draft Environmental Impact Statement. The Board also identified a Preferred Alternative in the South Federal Way and Tacoma segments as well as in a portion of the Fife Segment, which is shown in Figure 1-1. The portion of the Fife Segment that was identified as preferred included the location of the Fife Station, which was supported by the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians) and the City of Fife.

While analyzing the alternatives for the Draft Environmental Impact Statement, Sound Transit identified challenges related to the preferred Fife Station location being sited inside the boundary of the Fife Ditch Tributary 1 floodplain. Pursuant to federal regulations, including Executive Order 11988 and U.S. Department of Transportation Order 5650.2, if an agency proposes a project to be located within a floodplain, an alternative to avoid adverse effects in the floodplain is required to be analyzed in the Draft Environmental Impact Statement. Sound Transit has coordinated with the Puyallup Tribe of Indians and the City of Fife to identify potential additional station options to evaluate in the Draft Environmental Impact Statement in addition to the preferred station location. The City of Fife's planning efforts for a new City Center, as well as the location of the State Route (SR) 167 Completion and SR 167/Interstate 5 (I-5) to SR 509 Expressway projects, were also considered during the development of potential station options.

This memorandum is organized into the following sections:

1. Introduction
2. Potential Fife Station Options Evaluation
3. Screening Summary
4. Next Steps

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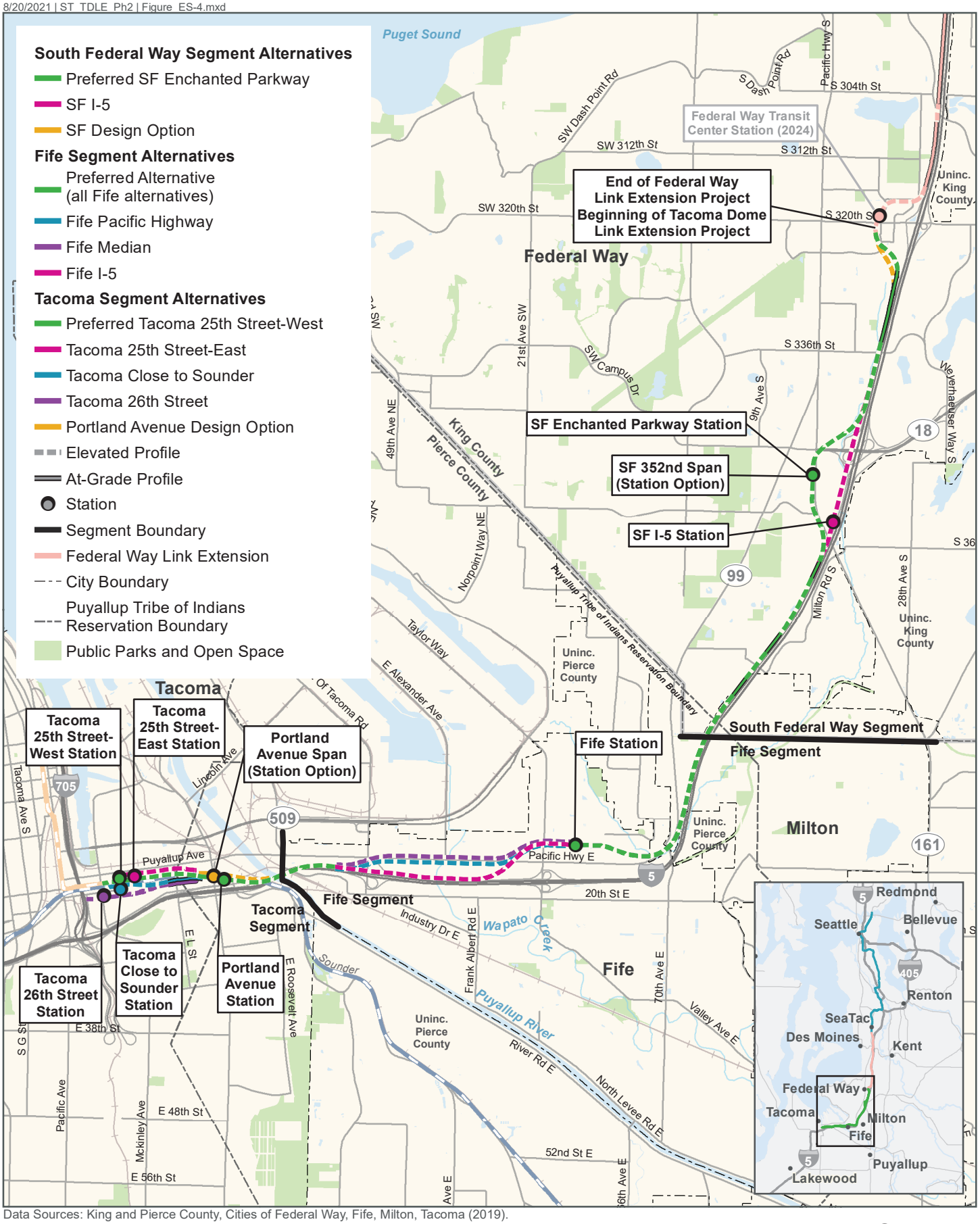

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 1-1

Alternatives Identified in 2019 for Study in the Draft Environmental Impact Statement

Tacoma Dome Link Extension

2 Potential Fife Station Options Evaluation

2.1 Development of Potential Fife Station Options for Screening

Developing potential station options to evaluate in the screening involved three steps: 1) identifying potential station facilities outside of Federal Emergency Management Agency's mapped floodplain boundary along the alternative alignments previously developed and identified by the Board for study in the Draft Environmental Impact Statement, 2) considering whether the station options being studied satisfy the purpose and need for the project, and 3) evaluating the station options for consistency with the Sound Transit 3 (ST3) Plan, which is the basis for the proposed project. Sound Transit and the Federal Transit Administration met with the Puyallup Tribe of Indians and the City of Fife to obtain input on an additional station option(s) in Fife.

The station options were then evaluated using applicable criteria from the Level 1 and 2 alternatives evaluations, such as transportation benefits, cost, ridership, transit oriented development, land use plans, technical feasibility, and environmental impacts. An opportunity for public feedback was provided as Sound Transit updated the community on this topic from February 27 to March 17, 2023. These evaluations, input from the Puyallup Tribe of Indians and City of Fife, and public feedback will help inform the station option or options to be included in the Draft Environmental Impact Statement.

2.2 Evaluation Criteria

The Purpose and Need established five objectives that have been used to develop the evaluation criteria and measures. The objectives are to:

- Provide effective transportation solutions to meet mobility, access, and capacity needs
- Support sustainable land use plans, economic development, and transit oriented development
- Preserve the environment
- Support equitable mobility
- Provide a financially sustainable and constructible project

The evaluation criteria and measures listed in Table 2-1, Evaluation Criteria, show the criteria used to assess the differences in performance or potential effects among the Fife station options, as well as the measures used in previous TDLE screening evaluations. The qualitative and quantitative measures were used to determine how the station option(s) performed when compared to each other. For the Fife station options, a sub measure was included to address consistency with Fife City Center planning.

TABLE 2-1 EVALUATION CRITERIA

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Fife Station Option Measures (2022)
Objective: Provide effective transportation solutions to meet mobility, access, and capacity needs Purpose and Need: • Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016)[1]. • Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand. • Expand mobility for the corridor and region's residents, which includes transit-dependent, low-income, and minority populations.			
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations	L2.1: Travel time L2.2: Daily and annual projected project ridership (2042) L2.3: Projected station boardings (2042) L2.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial centers L2.5: Population (persons/acre) and job (jobs/acre) densities	F.1: Travel time F.2: Daily and annual projected project ridership (2042) F.3: Projected station boardings (2042) F.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial centers F.5: Population (persons/acre) and job (jobs/acre) densities
Objective: Support sustainable land use plans, economic development, and transit oriented development Purpose and Need: • Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit system, as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan. • Encourage equitable and sustainable urban growth in station areas through support of transit oriented development and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies. • Encourage convenient and safe nonmotorized access to stations, such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.			
Supports future transit oriented development opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station, such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature	L2.6: Consistency with civic and community planning and land use; evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning; and/or comprehensive plans L2.7: Likelihood of station area redevelopment into transit-oriented neighborhood L2.8: Detailed evaluation of nonmotorized barriers within 1/2 mile of the station L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	F.6: Consistency with adopted civic and community planning and land use; evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning; and/or comprehensive plans F.6b: Consistency with City of Fife City Center planning F.7: Likelihood of station area redevelopment into transit-oriented neighborhood F.8: Inventory of nonmotorized barriers within 1/2 mile of the station F.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods

TABLE 2-1 EVALUATION CRITERIA (CONTINUED)

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Fife Station Option Measures (2022)
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas	L2.10: Proximity to existing transit service and level of transit service diversion required L2.11: Ease of vehicular pickup/drop-off for a variety of users L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	F.10: Proximity to local bus, and other transit facilities and services F.11: Ease of vehicular pickup/drop-off for a variety of users F.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations F.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations
Objective: Preserve the environment Purpose and Need: • Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.			
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)	L2.14: Potential effects to wetlands L2.15: Potential effects to streams/stream crossings L2.16: Potential to affect protected species and habitats L2.17: Potential effects to vegetated areas L2.18: Potential effects to floodplains L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	F.14: Potential effects to wetlands F.15: Potential effects to streams/stream crossings F.16: Potential to affect protected species and habitats F.17: Potential effects to vegetated areas F.18: Potential effects to floodplains/water resources F.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)

TABLE 2-1 EVALUATION CRITERIA (CONTINUED)

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Fife Station Option Measures (2022)
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax-generating properties affected L1.11: Estimated number of tribal parcels affected L1.12: Presence of known Section 4(f), park, historic, culturally significant tribal properties, or other protected areas L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste	L2.20: Estimated number of affected parcels and total acreage by property type L2.21: Estimated number of affected parcels with major economic activity generators L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating L2.23: Estimated number of tribal parcels potentially affected L2.24: Potential effects on Section 4(f) parks and recreational resources L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places (NRHP) L2.26: Potential effects on Section 4(f) cultural and archaeological resources L2.27: Potential effects to viewsheds along the alignment and potential for impacts to view-dependent businesses L2.28: Potential effects on sensitive noise and vibration receptors L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network L2.30: Potential effects on freight movement L2.31: Potential avoidance of hazardous waste L2.32: Potential effects on parking demand and supply	F.20: Estimated number of affected parcels F.21: Estimated number of affected parcels with major economic activity generators F.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating F.23: Estimated number of tribal parcels potentially affected F.24: Potential effects on Section 4(f) parks and recreational resources F.25: Potential effects on Section 4(f) historic resources (buildings) and properties that are listed in or eligible for the NRHP F.26: Potential effects on cultural and archaeological resources F.27: Potential effects to viewsheds along the alignment and potential for impacts to view-dependent businesses F.28: Potential effects on sensitive noise and vibration receptors F.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network F.30: Potential effects on freight movement F.31: Potential avoidance of hazardous waste F.32: Potential effects on parking demand and supply
Objective: Support equitable mobility Purpose and Need: • Expand mobility for the corridor and region's residents, which include transit-dependent, low-income, and minority populations.			
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations	L2.33: Potential benefits to low-income or minority populations L2.34: Potential for impacts on low-income and/or minority populations	F.33: Potential benefits to low-income or minority populations F.34: Potential for impacts on low-income and/or minority populations

TABLE 2-1 EVALUATION CRITERIA (CONTINUED)

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Fife Station Option Measures (2022)
Objective: Provide a financially sustainable and constructible project Purpose and Need: • Implement a system that is technically and financially feasible to build, operate, and maintain.			
Financial considerations	L1.20: Major cost elements beyond the representative project description	L2.35: Preliminary conceptual estimate[2] L2.36: Operating estimate	F.35: Preliminary conceptual estimate[2] F.36: Operating estimate
Constructibility and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly owned right-of-way L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan	L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects) L2.40: Availability and potential to use publicly owned right-of-way and publicly owned property[3] L2.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan[3]	F.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure F.38: Number of sites requiring environmental remediation within the project footprint of an alternative F.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects) F.40: Availability and potential to use publicly owned right-of-way and publicly owned property[3] F.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan[3]
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	F.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk	L2.43: Overall schedule risk	F.43: Overall schedule risk

1. Sound Transit. 2016. Sound Transit 3: The Regional Transit System Plan for Central Puget Sound. June 2016.
2. Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.
3. Measures F.40 and F.41 were not applicable for station screening.

Additional descriptions for how the criteria was used to evaluate the objectives is included in Appendix I, Attachments I3 (Pre-Screening and Level 1 Alternatives Evaluation Report) and I4 (Level 2 Alternatives Evaluation Report) to the Draft Environmental Impact Statement.

2.3 Potential Fife Station Options

In 2019, the Sound Transit Board identified three alternatives to study in the Fife Segment: the Fife Pacific Highway Alternative, the Fife Median Alternative, and the Fife I-5 Alternative. All three alternatives connect to the Preferred Fife Station.

In 2022, Sound Transit identified three additional areas for potential station options, as shown in Figure 2-1. These areas include near 62nd Avenue E (East Station Option), 54th Avenue E, and 51st Avenue E. The station option design at 54th Avenue E would be the same for the Fife Pacific Highway, Fife Median, and Fife I-5 alternatives. However, the guideway's alignment would differ as it enters and exits the station option, depending on the alternative. The station option design at 51st Avenue E would be the same for the Fife Pacific Highway and Fife Median alternatives. The design of this station option would vary slightly with the Fife I-5 Alternative.

For screening, the potential station options were named:

- Fife – East (located east of 62nd Street E, compatible with all alignment alternatives)
- Fife Pacific Highway – 54th Avenue
- Fife I-5 – 54th Avenue
- Fife Pacific Highway – 51st Avenue
- Fife I-5 – 51st Avenue

Table 2-2 presents the screening results for each of the potential Fife station options.

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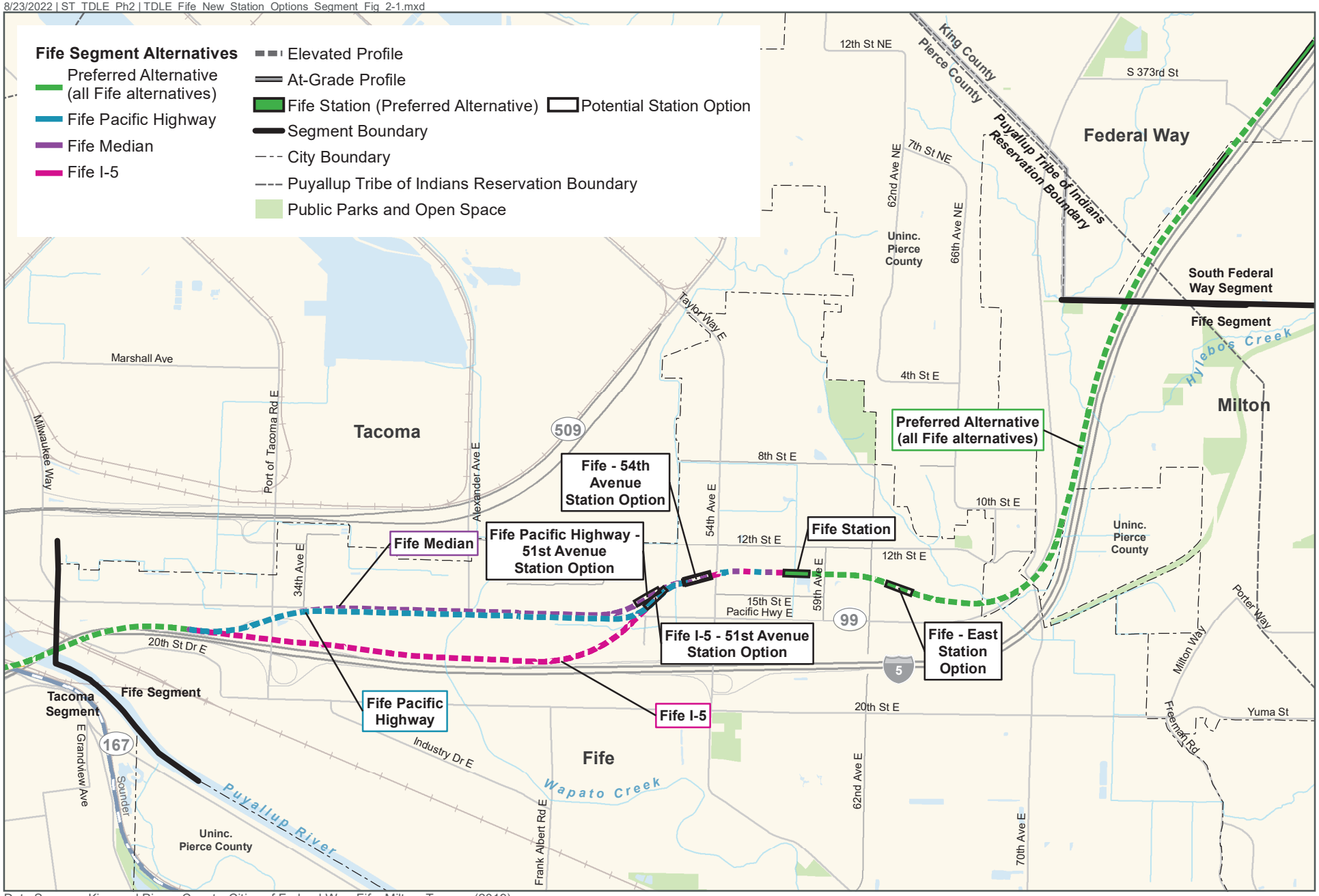

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2-1
Fife Segment
Potential Fife Station Options

Tacoma Dome Link Extension

Table 2-2 Screening Results for Potential Fife Station Options

Measure	Methodology	Performance Rating Notes (all options have center platforms)				
		Fife - East Station Option (all alternatives)	Fife Pacific Highway - 54th Avenue Station Option	Fife I-5 - 54th Avenue Station Option	Fife Pacific Highway - 51st Avenue Station Option	Fife I-5 - 51st Avenue Station Option
Objective: Provide effective transportation solutions to meet mobility, access, and capacity needs						
F.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 mph	Travel time is similar to the 10% design. Magnitude of O&M costs would be similar for all station options.	Travel time increased slightly (a few seconds) more than other options due to reduced speeds at curves.	Travel time increased slightly (a few seconds) from 10% design due to reduced speeds at curves.	Travel time increased slightly (a few seconds) from 10% design due to reduced speeds at curves.	Travel time increased slightly (a few seconds) from 10% design due to reduced speeds at curves.
F.2: Daily and annual projected project ridership (2042)	Average daily projected riders (baseline estimate provided for Fife station area, with qualitative differences noted for station/alignment alternatives) **Fife: 12,900 Daily Northbound (NB); 12,900 Daily Southbound (SB)**	12,900 NB; 12,900 SB	12,900 NB; 12,900 SB	12,900 NB; 12,900 SB	12,900 NB; 12,900 SB	12,900 NB; 12,900 SB
F.3: Projected station boardings (2042)	Projected station boardings (baseline estimate provided for Fife station area, with qualitative differences noted for station/alignment alternatives) **Fife: 1,700 daily NB boardings; 900 daily SB boardings**	2,600 daily boardings	2,600 daily boardings	2,600 daily boardings	2,600 daily boardings	2,600 daily boardings
F.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial centers	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	No Puget Sound Regional Council regional growth center or manufacturing/industrial center. No potential to support growth centers.	Station near Port of Tacoma, Puget Sound Regional Council manufacturing/industrial center area. Minimal potential to support growth centers.	Station near Port of Tacoma, Puget Sound Regional Council manufacturing/industrial center area. Minimal potential to support growth centers.	Station near Port of Tacoma, Puget Sound Regional Council manufacturing/industrial center area. Minimal potential to support growth centers.	Station near Port of Tacoma, Puget Sound Regional Council manufacturing/industrial center area. Minimal potential to support growth centers.
F.5: Population (persons/acre) and job (jobs/acre) densities	Existing and future (2040) population and employment densities within 10-minute walkshed	Population density: 2.4 (existing); 3.0 (future) Employment density: 1.8 (existing); 2.8 (future)	Population density: 2.6 (existing); 3.3 (future) Employment density: 3.1 (existing); 4.9 (future)	Population density: 2.6 (existing); 3.3 (future) Employment density: 3.1 (existing); 4.9 (future)	Population density: 2.6 (existing); 3.3 (future) Employment density: 3.1 (existing); 4.9 (future)	Population density: 2.6 (existing); 3.3 (future) Employment density: 3.1 (existing); 4.9 (future)
Objective: Support sustainable land use plans, transit oriented development, and multimodal station access						
F.6: Consistency with adopted civic and community planning and land use, evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral", or "inconsistent with TOD around alternative location"(-)	This station option is located on property currently zoned Small Lot Residential and Regional Commercial, adjacent to property zoned Single Family Residential, more Regional Commercial, and some Industrial. The area currently zoned Regional Commercial is proposed to be changed to Mixed Commercial/High Density Residential, which could provide additional opportunity for transit oriented development near the station.	Located entirely on property zoned Regional Commercial, adjacent to property zoned Business Park, Industrial, and Community Commercial. The property where the station is proposed to be located is planned to be zoned Mixed Commercial/High Density Residential, with no change in zoning proposed for other nearby property.	Located entirely on property zoned Regional Commercial, adjacent to property zoned Business Park, Industrial, and Community Commercial. The property where the station is proposed to be located is planned to be zoned Mixed Commercial/High Density Residential, with no change in zoning proposed for other nearby property.	Located on property currently zoned Regional Commercial and Business Park. The property currently zoned Regional Commercial is proposed to be rezoned as Mixed Commercial/High Density Residential along with adjacent to areas currently zoned Neighborhood Commercial.	Like Pacific Highway - 51st Avenue South, except located on more property currently zoned Business Park, which is not anticipated to change. Both 51st Avenue Station Options are located near property currently zoned regional commercial but proposed to be amended to Mixed Commercial/Hight Density Residential and some industrial property.
F.6b: Consistency with City of Fife City Center planning * Measure added for 2022 Fife station option screening	Assessment of station location related to the Fife Center of Local Importance (COLI) - City Center identified in the Comprehensive Plan and additional ongoing City Center planning efforts	The Fife - East Station Option would be located outside of the Fife COLI - City Center, adjacent to the eastern boundary.	The Fife Pacific Highway - 54th Avenue Station Option would be located within the Fife COLI - City Center, just inside the western boundary.	The Fife I-5 - 54th Avenue Station Option would be located within the Fife COLI - City Center, just inside the western boundary.	The Fife Pacific Highway - 51st Avenue Station Option would be located on the western boundary of the Fife COLI - City Center, partially within and partially outside the boundary.	The Fife I-5 - 51st Avenue Station Option would be located on the western boundary of the Fife COLI - City Center, partially within and partially outside the boundary.
F.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within 1/4 mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	This station option has some likelihood of redeveloping within a 1/4-mile walking distance. Some land not developable as it will be limited by SR 167; other land is unlikely to redevelop due to existing established uses and incompatible zoning.	This station option has some likelihood of redeveloping within a 1/4-mile walking distance. Some land is not likely to redevelop due to its location near the Port of Tacoma; other nearby land is tribally owned.	This station option has some likelihood of redeveloping within a 1/4-mile walking distance. Some land is not likely to redevelop due to its location near the Port of Tacoma; other nearby land is tribally owned.	This station option has some likelihood of redeveloping within a 1/4 mile walking distance. Some land is not likely to redevelop due to its location near the Port of Tacoma; other nearby land is tribally owned.	This station option has some likelihood of redeveloping within a 1/4-mile walking distance. Some land is not likely to redevelop due to its location near the Port of Tacoma; other nearby land is tribally owned.
F.8: Inventory of nonmotorized barriers within 1/2 mile of the station	Assessment of barriers within 1/2 mile of TDLE station areas (barriers list: (1) topography (hills) that limit the walkshed, (2) wide roads, (3) highways, (4) bodies of water, (5) railways)	SR 99 is located to south of the station (which has 5 lanes of traffic and is difficult to cross), and SR 167 will be located to the northeast. It is also located in an area with a sparser street grid and not within an area where the street will be expanded. However, this station is located near a crossing of I-5 to the southeast of the station via the Wapato Way E bridge. There will also be a shared-use path adjacent to SR 167, located to the northeast of the station.	This station location is located on 54th Avenue, which is a wide (5-lane) street with a high volume of truck traffic. Pacific Highway is also located to the south of the station and has 5 lanes and higher truck volumes. However, the station is located just west of an area that is planned to have an improved streetgrid.	This station location is located on 54th Avenue, which is a wide (5-lane) street with a high volume of truck traffic. Pacific Highway is also located to the south of the station and has 5 lanes and higher truck volumes. However, the station is located just west of an area that is planned to have an improved streetgrid.	This station location is located near 54th Avenue, which is a wide (5-lane) street with a high volume of truck traffic. Pacific Highway is also located to the south of the station and has 5 lanes and higher truck volumes. However, the station is located one block away, which provides some improvement for nonmotorized access, and there is an existing signalized crossing of Pacific Highway.	This station location is located near 54th Avenue, which is a wide (5-lane) street with a high volume of truck traffic. Pacific Highway is also located to the south of the station and has 5 lanes and higher truck volumes. However, the station is located one block away, which provides some improvement for nonmotorized access, and there is an existing signalized crossing of Pacific Highway.
F.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	This station location is furthest from the amenities located west of 54th Avenue	The station is closer to amenities concentrated west of 54th Avenue and along Pacific Highway, which include restaurants, retail, and some services.	The station is closer to amenities concentrated west of 54th Avenue and along Pacific Highway, which include restaurants, retail, and some services.	The station is closest to amenities concentrated west of 54th Avenue and along Pacific Highway, which include restaurants, retail, and some services.	The station is closest to amenities concentrated west of 54th Avenue and along Pacific Highway, which include restaurants, retail, and some services.
F.10: Proximity to local bus, and other transit facilities and services	Distance to nearest existing bus stop; measure of the level of diversion that could be required	Stop: Pacific Hwy E & 62nd Ave E (route 500, 60-minute freq) Distance: 1,120 feet	Stop: Pacific Hwy E & 54th Ave E (route 500, 60-minute freq) Distance: 1,250 feet	Stop: Pacific Hwy E & 54th Ave E (route 500, 60-minute freq) Distance: 1,250 feet	Stop: Pacific Hwy E & 52nd Ave E (route 500, 60-min freq) Distance: 660 feet	Stop: Pacific Hwy E & 52nd Ave E (route 500, 60-minute freq) Distance: 500 feet
F.11: Ease of vehicular pickup/drop-off for a variety of users	Assessment of ease of access to pickup/drop-off at stations due to nearby street network and congestion using proposed station concepts.	Vehicle delay increase of 87 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 118 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 118 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 185 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 185 seconds at 5 nearby intersections compared to No-Build Alternative

Table 2-2 Screening Results for Potential Fife Station Options (continued)

Measure	Methodology	Performance Rating Notes (all options have center platforms)				
		Fife - East Station Option (all alternatives)	Fife Pacific Highway - 54th Avenue Station Option	Fife I-5 - 54th Avenue Station Option	Fife Pacific Highway - 51st Avenue Station Option	Fife I-5 - 51st Avenue Station Option
F.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Located within close proximity and with potential for direction connection to SR 167 regional trail; proximity to bike lanes on Pacific Highway, proximity and direct connections to Interurban Trail Existing: 0.19 Funded: 0.40	Located near bike lanes on Pacific Highway, with connections to Interurban Trail Existing: 0.17 Funded: 0.25	Located near bike lanes on Pacific Highway, with connections to Interurban Trail Existing: 0.17 Funded: 0.25	Located near bike lanes on Pacific Highway, with connections to Interurban Trail Existing: 0.17 Funded: 0.25	Located near bike lanes on Pacific Highway, with connections to Interurban Trail Existing: 0.16 Funded: 0.25
F.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	Existing: 0.26 Funded: 1.16	Existing: 0.64 Funded: 0.67	Existing: 0.64 Funded: 0.67	Existing: 0.53 Funded: 0.53	Existing: 0.52 Funded: 0.52
Objective: Preserve the environment						
F.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	Permanent impact footprint encompasses all parts of a Category IV wetland.	Minor impacts to a Category IV wetland associated with Fife Ditch	Minor impacts to a Category IV wetland associated with Fife Ditch	Minor impacts to a Category IV wetland associated with Fife Ditch	Minor impacts to a Category IV wetland associated with Fife Ditch
F.15: Potential effects to streams/stream crossings	Number of impacts to streams and stream crossings within 100-foot buffer of each alternative	No streams or stream buffers in the permanent or temporary impact footprints.	Permanent impacts to a surface-flowing segment of Fife Ditch, temporary impacts to the stream buffer. Guideway crosses the open Fife Ditch stream. If 52nd Ave E is extended to 12th St E by the City of Fife and Sound Transit, the Fife Ditch may need to be relocated slightly west.	Permanent impacts to a surface-flowing segment of Fife Ditch; temporary impacts to the stream buffer. Guideway crosses the open Fife Ditch stream. If 52nd Ave E is extended to 12th St E by the City of Fife and Sound Transit, the Fife Ditch may need to be relocated slightly west.	Permanent impacts to a surface-flowing segment of Fife Ditch, temporary impacts to the stream buffer (smaller area of buffer impacts, compared to the 54th Ave Station Option). Guideway crosses open Fife Ditch stream and the station would be built directly over a piped reach of the stream. Piped reach of stream would potentially need to be relocated outside of station footprint.	Permanent impacts to a surface-flowing segment of Fife Ditch, temporary impacts to the stream buffer (smaller area of buffer impacts, compared to the 54th Ave Station Option). Guideway crosses open Fife Ditch stream and the station would be built directly over a piped reach of the stream. Piped reach of stream would potentially need to be relocated outside of station footprint.
F.16: Potential to affect protected species and habitats	Number of impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	No impacts to streams or other areas with which Priority Species have a primary association.	Fife Ditch is accessible to ESA-listed fish, but poor habitat conditions likely discourage use.	Fife Ditch is accessible to ESA-listed fish, but poor habitat conditions likely discourage use.	Fife Ditch is accessible to ESA-listed fish, but poor habitat conditions likely discourage use.	Fife Ditch is accessible to ESA-listed fish, but poor habitat conditions likely discourage use.
F.17: Potential effects to vegetated areas	Estimated area of vegetation removal	Site is largely developed, but it includes patches of grassland, wetland, and non-native forest habitat.	Site is largely developed. Some landscaping trees and a patch of grassland habitat (mowed grass) are present.	Site is largely developed. Some landscaping trees and a patch of grassland habitat (mowed grass) are present.	Site is largely developed. Some landscaping trees and a patch of grassland habitat (mowed grass) are present.	Site is largely developed. Some landscaping trees and a patch of grassland habitat (mowed grass) are present.
F.18: Potential effects to floodplains/ water resources	Number of impacts to or floodplains/floodways (additive) within 100-foot buffer	Station site is east of Fife Ditch Tributary floodplain and west of the Hylebos Creek floodplain, and does not cross any streams.	The station platform is over 100 ft away from mapped floodplains; however, the footprint for station area facilities (potentially parking/bus stops) is within 100 feet of Fife Ditch Tributary 1 floodplain to the east (54th Avenue) and Fife Ditch floodplain to the north (12th Street).	The station platform is over 100 feet away from mapped floodplains; however, the footprint for station area facilities (potentially parking/bus stops) is within 100 feet of Fife Ditch Tributary 1 floodplain to the east (54th Avenue) and Fife Ditch floodplain to the north (12th Street).	Station site is further away from Fife Ditch Tributary floodplain and Fife Ditch floodplain compared to 54th Avenue options.	Station site is further away from Fife Ditch Tributary floodplain and Fife Ditch floodplain compared to 54th Avenue options.
F.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	Number of geologic hazard areas (steep slope, erosion, landslide hazard areas)	Lahar hazard zone and high liquefaction susceptibility.	Lahar hazard zone and high liquefaction susceptibility.	Lahar hazard zone and high liquefaction susceptibility.	Lahar hazard zone and high liquefaction susceptibility.	Lahar hazard zone and high liquefaction susceptibility.
F.20: Estimated number of affected parcels	Assessment of potential property impacts and general estimate of acreage [needed for station]	14 parcels (10 full and 4 partial impact) 6 full takes are Commercial, 2 Public (Qwest/CenteryLink), 1 vacant residential (NRHP-eligible house), 1 occupied residential (Also, 1 new Tribal parcel corner clipped would need easement and 1 new Tribal temporary construction easement) Station footprint approximately 544,000 square feet	21 parcels (10 full and 11 partial) All full takes are Commercial [greater impact to Fife Business Park buildings compared to Fife I-5 - 54th but less than 51st options; slightly higher square footage than 51st options] Station footprint approximately 486,000 square feet	17 parcels (8 full, 9 partial) All full takes are Commercial [greater impact on Fife Business Park buildings compared to Fife I-5 - 51st option] Station footprint approximately 432,000 square feet	17 parcels (8 full, 9 partial) All full takes are Commercial [greater impact on Fife Business Park buildings compared to Fife I-5 - 51st option] Station footprint approximately 432,000 square feet	14 parcels (8 full, 6 partial) All full takes are Commercial [slightly less impact to Fife Business Park buildings than Fife Pacific Hwy - 51st option] Station footprint approximately 401,000 square feet
F.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	None	Three parcels - One strip mall building Fife Square (3693), Les Schwab (3700), and SE corner of Fife Business Park (3772) but less impact to buildings on large Fife Business Park (3772) parcel than 51st options.	Two parcels - One strip mall building Fife Square (3693) and Les Schwab (3700)	Three parcels - Impacts to approximately 5 Fife Business Park buildings, 2 of which are large (3722/3789) and a commercial building (corner of 52nd Ave and Pac Hwy, 4–6 tenant spaces) (3742)	Three parcels - Impacts to approximately 4 business park buildings, 1 of which is large (3722/3789) and a commercial building (corner of 52nd Ave and Pac Hwy, 4–6 tenant spaces) (3742)
F.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Estimated number of potential property impacts for station by property type	1 Industrial (partial), 2 Residential (fulls), 7 Commercial (fulls) properties would be impacted Estimate approximately 6 business displacements - 3544/3548 CenturyLink, 3522 Premier Trailer Leasing, 3524 Matheson Trucking, 3505 Hawk's Auto Repair, 3490/3505 Commercial Sales/Energy Conversions Inc., 3473 Concrete Services (sold Nov 24, 2021)	11 commercial parcels would have business displacements Les Schwab = 2 parcels, 3748 Tavern = 2 parcels, 3756 - Kings Inn. 3772 Fife Business Park (I-5 would impact this parcel less) 3721 - small warehouse building 3693 - multiple businesses in Fife Square - barber, restaurants, Antique store (closed), Dollar Tree, locksmith 3692, 3698, 3710 - three 2-story office buildings with multiple businesses 3722 - Marine Engineers Beneficial Association	10 commercial parcels would have business displacements Les Schwab = 2 parcels, 3748 Tavern = 2 parcels, 3756 - Kings Inn. 3693 - multiple businesses in Fife Square - barber, restaurants, Antique store (closed), Dollar Tree, locksmith 3721 - small warehouse building 3692, 3698, 3710 - three 2-story office buildings with multiple businesses 3722 - Marine Engineers Beneficial Association	10 commercial parcels would have business displacements 3748 Tavern (and parking, 2 parcels), 3756 Kings Motor Inn, 3757 Taco Time, several buildings in the Fife Business Park (3760, 3768, 3772, 3789), 3721 - small warehouse building, 3742 - 4–6 businesses, one is religious/church tenant. (# of properties with displacements greater than full takes because of large Fife Business Park parcels)	9 commercial parcels would have business displacements 3748 Tavern (and parking, 2 parcels), 3756 Kings Motor Inn, 3757 Taco Time, several buildings in the Fife Business Park (3768, 3772, 3789), 3721 - small warehouse building, 3742 - 4–6 businesses, one is religious/church tenant (# of properties with displacements greater than full takes because of large Fife Business Park parcels)
F.23: Estimated number of tribal parcels potentially affected	Number tribal-owned parcels affected by each alternative	One additional tribal parcel would be impacted, SW corner permanent footprint (3487), parcel is also impacted by WSDOT. One additional TCE parcel (at 62nd & SR 99) .	Station site would not impact Tribal trust parcels.	Station site would not impact Tribal trust parcels.	Station site would not impact Tribal trust parcels.	Station site would not impact Tribal trust parcels.

Table 2-2 Screening Results for Potential Fife Station Options (continued)

Measure	Methodology	Performance Rating Notes (all options have center platforms)				
		Fife - East Station Option (all alternatives)	Fife Pacific Highway - 54th Avenue Station Option	Fife I-5 - 54th Avenue Station Option	Fife Pacific Highway - 51st Avenue Station Option	Fife I-5 - 51st Avenue Station Option
F.24: Potential effects on Section 4(f) parks and recreational resources	Number of impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	One Section 4(f) resource is located within the construction footprint of the East Station Option; the same 4(f) property would be used by the guideway for all TDLE alternatives through Fife.	No Section 4(f) resources are located within the footprint of the Fife Pacific Highway - 54th Avenue Station Option, although the guideway for all TDLE alternatives through Fife would use one Section 4(f) property.	No Section 4(f) resources are located within the footprint of the Fife I-5 - 54th Avenue Station Option, although the guideway for all TDLE alternatives through Fife would use one Section 4(f) property.	No Section 4(f) resources are located within the footprint of the Fife Pacific Highway - 51st Avenue Station Option, although the guideway for all TDLE alternatives through Fife would use one Section 4(f) property.	No Section 4(f) resources are located within the footprint of the Fife I-5 - 52st Avenue Station Option, although the guideway for all TDLE alternatives through Fife would use one Section 4(f) property.
F.25: Potential effects on Section 4(f) historic resources (buildings) and properties that are listed in or eligible for NRHP	Number of impacts to Section 4(f) resources and properties listed in or eligible for the NRHP within 100-foot buffer of each alternative	East Station Option would displace one eligible property at 1309 62nd Avenue E; the same 4(f) property would be used by the guideway for all TDLE alternatives through Fife. No additional known NRHP listed or eligible resources within 100-foot buffer.	The guideway for all TDLE alternatives through Fife would use one eligible Section 4(f) property (1309 62nd Avenue E). No known NRHP listed or eligible resources within 100-foot buffer of the Fife Pacific Highway - 54th Avenue Station Option.	The guideway for all TDLE alternatives through Fife would use one eligible Section 4(f) property (1309 62nd Avenue E). No known NRHP listed or eligible resources within 100-foot buffer of the Fife I-5 - 54th Avenue Station Option.	The guideway for all TDLE alternatives through Fife would use one eligible Section 4(f) property (1309 62nd Avenue E). No known NRHP listed or eligible resources within 100-foot buffer of the Fife Pacific Highway - 51st Avenue Station Option.	The guideway for all TDLE alternatives through Fife would use one eligible Section 4(f) property (1309 62nd Avenue E). No known NRHP listed or eligible resources within 100-foot buffer of the Fife I-5 - 51st Avenue Station Option.
F.26: Potential effects on cultural and archaeological resources	Number of potential impacts and probability to encounter cultural and/or archaeological resources within 100-foot buffer of each alternative	Directly adjacent to and potential to affect one NRHP eligible pre-contact archaeological site. Archaeological site 45PI1555 (historic-period site) is within station area - recommended not NRHP-eligible but not yet determined. Close proximity to Hylebos Creek, high probability area.	No known cultural/archaeological resources in station area.	No known cultural/archaeological resources in station area.	No known cultural/archaeological resources in station area.	No known cultural/archaeological resources in station area.
F.27: Potential effects to viewsheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	No effects to protected views or parcels with view-dependent businesses.	No effects to protected views or parcels with view-dependent businesses.	No effects to protected views or parcels with view-dependent businesses.	No effects to protected views or parcels with view-dependent businesses.	No effects to protected views or parcels with view-dependent businesses.
F.28: Potential effects on sensitive noise and vibration receptors	Number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	Three properties. Two properties directly across 62nd from station site: St Paul Chong Hasang Church (multiple receptors, main church and secondary buildings) Rainier View Senior Apartments (multiple receptors/approx 50 units) One residence directly north of station area.	None (King's Motor Inn would be displaced)	None (King's Motor Inn would be displaced)	Residences on 49th Ave E are more than 350 feet from station platform, but would be within 350 feet of station facilities such as parking. Additional building removed closest to houses for Pacific Hwy alignments compared to I-5 alignment. (King's Motor Inn would be displaced).	Residences on 49th Ave E are more than 350 feet from station platform, but some would be within 350 feet of station facilities such as parking (fewer than with the Pacific Hwy alignment because the I-5 alignment's station area would not extend as far north). (King's Motor Inn would be displaced)
F.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted	Vehicle delay increase of 87 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 118 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 118 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 185 seconds at 5 nearby intersections compared to No-Build Alternative	Vehicle delay increase of 185 seconds at 5 nearby intersections compared to No-Build Alternative
F.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors	Vehicle delay increase of 63 seconds at 2 intersections on 54th freight corridor compared to No-Build Alternative	Vehicle delay increase of 91 seconds at 2 intersections on 54th freight corridor compared to No-Build Alternative	Vehicle delay increase of 91 seconds at 2 intersections on 54th freight corridor compared to No-Build Alternative	Vehicle delay increase of 111 seconds at 2 intersections on 54th freight corridor compared to No-Build Alternative	Vehicle delay increase of 111 seconds at 2 intersections on 54th freight corridor compared to No-Build Alternative
F.31: Potential avoidance of hazardous waste	Number of hazardous materials sites within 1/8 mile of each alternative	9 total hazardous materials sites	15 total hazardous materials sites	15 total hazardous materials sites	17 total hazardous materials sites	17 total hazardous materials sites
F.32: Potential effects on parking demand and supply	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Parcels with parking that are potentially impacted: 10 parcels Parcels with more than 50% of parking potentially impacted: 7 parcels Parking acreage potentially impacted: 4.9 acres	Parcels with parking that are potentially impacted: 13 parcels Parcels with more than 50% of parking potentially impacted: 7 parcels Parking acreage potentially impacted: 4.9 acres	Parcels with parking that are potentially impacted: 14 parcels Parcels with more than 50% of parking potentially impacted: 7 parcels Parking acreage potentially impacted: 4.9 acres	Parcels with parking that are potentially impacted: 16 parcels Parcels with more than 50% of parking potentially impacted: 8 parcels Parking acreage potentially impacted: 6.6 acres	Parcels with parking that are potentially impacted: 20 parcels Parcels with more than 50% of parking potentially impacted: 7 parcels Parking acreage potentially impacted: 5.8 acres
Objective: Support equitable mobility						
F.33: Potential benefits to low-income or minority populations	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 36% minority and 29% low-income population; therefore, the station would serve slightly more minority populations and slightly fewer low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 46% minority and 34% low-income population; therefore, the station would serve more minority and low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 46% minority and 33% low-income population; therefore, the station would serve more minority and low-income populations compared to Fife as a whole.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 41% minority and 32% low-income population; therefore, the station would serve more minority and low-income populations compared to Fife as a whole. The Fife 51st Avenue Station Options are located within 1/2 mile of a large low-income apartment complex; the closest of any of the Fife Station Options.	Fife is composed of 34.3% minority and 31.0% low-income populations. This station area has a 41% minority and 32% low-income population; therefore, the station would serve more minority and low-income populations compared to Fife as a whole. The Fife 51st Avenue Station Options are located within 1/2mile of a large low-income apartment complex; the closest of any of the Fife Station Options.

Table 2-2 Screening Results for Potential Fife Station Options (continued)

Measure	Methodology	Performance Rating Notes (all options have center platforms)				
		Fife - East Station Option (all alternatives)	Fife Pacific Highway - 54th Avenue Station Option	Fife I-5 - 54th Avenue Station Option	Fife Pacific Highway - 51st Avenue Station Option	Fife I-5 - 51st Avenue Station Option
F.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	The Fife East Station Option has a slightly greater percentage of minority population and slightly lower percentage of low-income populations compared to Fife as a whole. However, 2 residential displacements are anticipated, as well as 7 commercial and 1 industrial property. This could impact low-income or minority populations. The Fife East Station Option is the only potential station option that would displace residential properties, but will displace fewer commercial properties than the other station options.	This station option has a higher percentage of minority and low-income populations compared to Fife as a whole and would affect 21 parcels (10 full and 11 partial). All of the full takes/displacements are of commercial property. This could impact low-income or minority populations.	This station option has a higher percentage of minority and low-income populations compared to Fife as a whole and would affect 17 parcels (10 full and 7 partial). All of the full takes/displacements are of commercial property. This could impact low-income or minority populations.	This station option has a higher percentage of minority and low-income populations compared to Fife as a whole and would affect 17 parcels (7 full and 9 partial). All of the full takes/displacements are of commercial property, many of which are located in a business park with numerous businesses on one property. This could impact low-income or minority populations.	This station option has a higher percentage of minority and low-income populations compared to Fife as a whole and would affect 14 parcels (8 full, 6 partial). All of the full takes/displacements are of commercial property, many of which are located in a business park with numerous businesses on one property. This could impact low-income or minority populations.
Objective: Provide a financially sustainable and constructible project						
F.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.*	The total alignment length is comparable to 10% design. Guideway structure costs are increased with this station option due to close proximity of the station structure and special trackwork to the SR 167 crossing. Not located in the center of the business district and has limited business displacements and relocations, resulting in lower real estate costs than the other station options.	The total alignment length is comparable to 10% design. Guideway structure costs are similar to the 10% design. Increased number of business displacements and relocations than the 10% design, but fewer than the 51st Avenue options. The real estate costs would likely be less than those for the 51st Avenue options. Fife Ditch may need to be relocated slightly west. In general, the Pacific Hwy options will have higher costs than the I-5 costs based on 10% design cost estimates.	The total alignment length is comparable to 10% design. Guideway structure costs are similar to the 10% design. Increased number of business displacements and relocations than the 10% design, but fewer than the 51st Avenue options. The real estate costs would likely be less than those for the 51st Avenue options. Fife Ditch may need to be relocated slightly west.	The total alignment length is comparable to 10% design. Guideway structure costs are increased with this station option due to the need for 2 single-track long spans at the skewed and curved Pacific Hwy crossing. Option has the highest potential of business displacements and relocations resulting in highest real estate costs. Piped reach of stream would potentially need to be relocated. In general, the Pacific Hwy options will have higher costs than the I-5 costs based on 10% design cost estimates.	The total alignment length is comparable to 10% design. Guideway structure costs are increased slightly with this station option due to the need for two single-track long spans at Pacific Hwy crossing. Option has higher potential of business displacements and relocations resulting in higher real estate costs. Piped reach of stream would potentially need to be relocated.
F.36: Operating estimate	Assessment of potential magnitude of operations and maintenance (O&M) estimates based on travel time	Travel time is similar to the 10% design. Magnitude of O&M costs would be similar for all station options.	Travel time increased slightly (a few seconds) more than other options due to reduced speeds at curves, but magnitude of O&M costs would be similar for all station options.	Travel time increased slightly (a few seconds) from 10% design due to reduced speeds at curves, but magnitude of O&M costs would be similar for all station options.	Travel time increased slightly (a few seconds) from 10% design due to reduced speeds at curves, but magnitude of O&M costs would be similar for all station options.	Travel time increased slightly (a few seconds) from 10% design due to reduced speeds at curves, but magnitude of O&M costs would be similar for all station options.
F.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g., power lines, transportation infrastructure)	Utilities: Area is largely clear of any utilities, no impacts to major utilities. Planned infrastructure: Station option adjacent to WSDOT's SR 167/I-5 to SR 509 Expressway Project, future frontage road.	For both Pacific Highway and I-5 alignments, 54th Ave Station option will likely have minimal to no impacts to major utilities as the proposed station location is largely over existing buildings or area where major utilities are scarce.	For both Pacific Highway and I-5 alignments, 54th Ave Station options will likely have minimal to no impacts to major utilities as the proposed station location is largely over existing buildings or area where major utilities are scarce.	This option would likely produce minimal impacts to utilities as it is largely inline with previous alternative alignments that kept utility impacts minimized. No impacts to major utilities but potential impacts to utilities in 54th Avenue and the Taco Time/Kings Motor Inn parking lot.	This option would likely produce a few impacts to existing utilities because there are utilities in 54th Avenue but also several CenturyLink telecom ducts located in the Taco Time/Kings Motor Inn parking lot. One of the pieces of the CenturyLink system located in the parking lot is an SAE (serving area interface), which are more costly and difficult to relocate than most standard vaults; would be preferable to design to avoid.
F.38: Number of sites requiring environmental remediation within the project footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	0 hazardous materials sites requiring remediation.	0 hazardous materials sites requiring remediation.	0 hazardous materials sites requiring remediation.	0 hazardous materials sites requiring remediation.	0 hazardous materials sites requiring remediation.
F.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	Would require close coordination on construction timing with WSDOT and SR 167 to SR 509 Expressway Project and frontage road if construction periods overlap. Church and residential facility directly across 62nd.	Guideway skew (angle) crossing Pacific Hwy adjacent to station more challenging than I-5 alignment.	Construction of station and Pacific Highway crossing adjacent to station would require additional close coordination with WSDOT, Fife, and Port compared to if it was just the guideway. Guideway construction for an I-5 alternative would be in close proximity to Chateau Rainier.	Guideway skew (angle) exiting station crossing Pacific Hwy more challenging than I-5 alignment.	Construction of station and Pacific Highway crossing adjacent to station would require additional close coordination with WSDOT, Fife, and Port compared to if it was just the guideway. Guideway construction for an I-5 alternative would be in close proximity to Chateau Rainier.
F.40: Availability and potential to use publicly owned right-of-way and publicly owned property	Amount of publicly owned right-of-way and publicly owned property (individual parcels in public ownership) available per conceptual design of alignment	Not applicable for additional station screening	Not applicable for additional station screening	Not applicable for additional station screening	Not applicable for additional station screening	Not applicable for additional station screening
F.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan	Capability of station location and alignment to accommodate future expansion included in the Sound Transit Long-Range Plan	Not applicable for additional station screening	Not applicable for additional station screening	Not applicable for additional station screening	Not applicable for additional station screening	Not applicable for additional station screening
F.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome and South Federal Way, number of at-grade crossings, if any)	Comparable to 10%	Comparable to 10%	Comparable to 10%	Station spanning 51st (minor roadway) not as preferable for long-term operations.	Station spanning 51st (minor roadway) not as preferable for long-term operations.
F.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	Risk associated with potential cultural resources is highly sensitive on East. Additional coordination with WSDOT on SR 167 / 509 and frontage road crossings.	Increased number displacements and relocations	Increased number displacements and relocations	Increased number displacements and relocations	Increased number displacements and relocations

Lower Performing

Higher Performing

3 Screening Summary

In June and July 2022, Sound Transit held a series of workshops with the Puyallup Tribe of Indians and City of Fife to review potential station options. Through these workshops, the Puyallup Tribe of Indians and the City of Fife stated their preference for the current preferred Fife Station alternative. Additionally, through a collaborative process supported by the screening analysis (summarized in Table 2-2), the parties recommended carrying forward a variation of the 54th Avenue Station Option that would span 54th Avenue E to facilitate connections between the station and the proposed City Center. This variation is called the Fife 54th Span Station Option. In addition, Sound Transit identified the need to carry forward a non-span station option in this area, referred to as the Fife 54th West Station Option. Table 3-1 summarizes the screening. The Fife Pacific Highway, Fife Median, and Fife I-5 alternatives would all have the same station location for these options. The guideway's alignment would differ as it enters and exits the station, depending on the alternative.

TABLE 3-1 SCREENING SUMMARY

Fife Station Option	Screening Summary	
Fife – East Station Option	✗	Remove due to proximity to high probability for cultural resources, and it is located outside the Fife Center of Local Importance (COLI) for their proposed City Center.
Fife Pacific Highway/I-5 – 54th Avenue Station Option	✓	Advance for further study.
Fife 54th Span Station Option	✓	Advance for further study.
Fife Pacific Highway – 51st Avenue Station Option	✗	Remove due to greater potential impacts to businesses and distance from the Fife COLI for their proposed City Center.
Fife I-5 – 51st Avenue Station Option	✗	Remove due to greater potential impacts to businesses and distance from the Fife COLI for their proposed City Center.

4 Next steps

Sound Transit will conduct a project update with the community and seek feedback on the potential Fife Station options. Following the project update, Sound Transit will summarize public feedback for the Sound Transit Board's consideration. The Sound Transit Board will then identify station option(s) to study further in the Draft Environmental Impact Statement.

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

SCREENING FOR ADDITIONAL ALTERNATIVES IN SOUTH FEDERAL WAY TO MILTON

Appendix I6

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

March 2023

Tacoma Dome Link Extension

Draft – Screening for Additional Alternative in South Federal Way to Milton

SOUNDTRANSIT

CENTRAL PUGET SOUND
REGIONAL TRANSIT AUTHORITY

Tacoma Dome Link Extension

Screening for Additional Alternative in South Federal Way to Milton

Prepared for:
Sound Transit

Prepared by:
HDR & Parametrix

March 2023

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ATTACHMENT

Attachment 1 Correspondence

Acronyms and Abbreviations

Board	Sound Transit Board of Directors
I-5	Interstate 5
NRHP	National Register of Historic Places
PSRC	Puget Sound Regional Council
Puyallup Tribe of Indians	Puyallup Tribe of the Puyallup Reservation
SEPA	State Environmental Policy Act
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
ST3 Plan	Sound Transit 3 Plan
TDLE	Tacoma Dome Link Extension

1 Introduction

In 2018 and 2019, Central Puget Sound Regional Transit Authority (Sound Transit) completed an alternatives development process to identify station and alignment alternatives to study in the Tacoma Dome Link Extension (TDLE) Environmental Impact Statement (EIS). That process included three levels of screening: prescreening, Level 1, and Level 2 alternatives evaluation. The alternatives development process began with early scoping under the State Environmental Policy Act (SEPA) in April 2018 and scoping under the National Environmental Policy Act (NEPA) in April 2019. Information on the early scoping process, scoping, and development of the alternatives is included in Appendix I, Alternatives Development Supporting Documents.

In July 2019, the Sound Transit Board of Directors (Board) identified the alternatives for study in this Draft EIS. The Board also identified a Preferred Alternative in the South Federal Way and Tacoma segments as well as in a portion of the Fife Segment, which is shown in Figure 1-1. The portion of the alignment identified as preferred included a single guideway alignment south of Enchanted Parkway to the Fife Station, which was supported by the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians) and the cities of Federal Way, Milton, and Fife.

As the analysis of alternatives for the Draft EIS was being developed, coordination with Regional Tribal Partners identified more information on known cultural resources adjacent to I-5 in the South Federal Way Segment. A public engagement period was held from February 27 to March 14, 2023, to share information about the potential additional alignment and station locations being considered based on that new information.

This memorandum is organized into the following sections:

1. Introduction
2. Potential South Federal Way to Milton Additional Alternatives Evaluation
3. Screening Summary
4. Next Steps

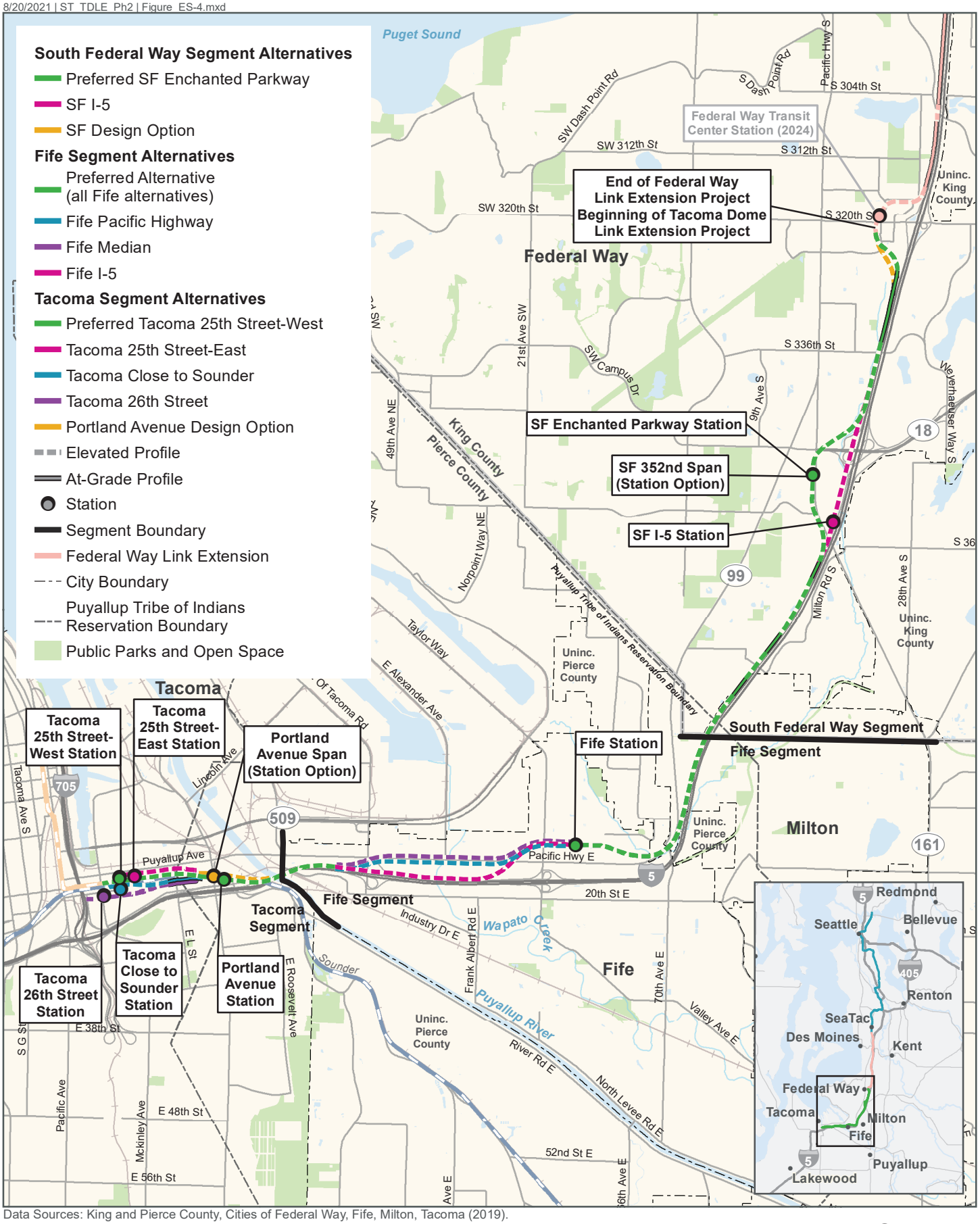

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1-1

Alternatives Identified in 2019 for Study in the Draft Environmental Impact Statement

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2 Potential Additional Alternatives Evaluation

2.1 Development of Potential Additional Alternatives for Screening

Developing potential additional alternatives in the South Federal Way Segment to evaluate in the screening involved three steps: 1) identifying potential additional alternatives outside of the areas sensitive for known cultural resources within the limits of the project corridor, 2) considering whether the potential additional alternatives being studied satisfy the purpose and need for the project, and 3) evaluating the potential additional alternatives for consistency with the Sound Transit 3 (ST3) Plan, which is the basis for the proposed project. Sound Transit and the Federal Transit Administration met with the Puyallup Tribe of Indians and the cities of Federal Way and Milton to obtain input on adding an additional alternative in South Federal Way Segment.

The potential additional alternatives were then evaluated using applicable criteria from the Level 1 and 2 alternatives evaluations, such as transportation benefits, cost, ridership, transit oriented development, land use plans, technical feasibility, and environmental impacts. An opportunity for public feedback was provided as Sound Transit updated the community on this topic in late February to March 2023. These evaluations, input from the Puyallup Tribe of Indians cities of Federal Way and Milton, and public feedback will help inform the additional alternative to be included in the Draft EIS.

2.2 Evaluation Criteria

The Purpose and Need established five objectives that have been used to develop the evaluation criteria and measures. The objectives are to:

- Provide effective transportation solutions to meet mobility, access, and capacity needs
- Support sustainable land use plans, economic development, and transit oriented development
- Preserve the environment
- Support equitable mobility
- Provide a financially sustainable and constructible project

The evaluation criteria and measures listed in Exhibit 2-1, Evaluation Criteria, show the criteria used to assess the differences in performance or potential effects among the Level 1 and Level 2 alternatives, as well as the potential additional alternatives. The qualitative and quantitative measures were used to determine how additional alternatives performed when compared to each other.

Additional descriptions for how the criteria was used to evaluate the objectives is included in Appendix I, Attachments I3 (Pre-Screening and Level 1 Alternatives Evaluation Report) and I4 (Level 2 Alternatives Evaluation Report) to the Draft EIS.

Table 2-1 Evaluation Criteria

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Additional Alternative Evaluation Measures
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs Purpose and Need: • Provide high-quality rapid, reliable, and efficient light rail transit service to communities in the project corridor, as defined through the local planning process and reflected in the ST3 Plan (Sound Transit 2016)[1]. • Improve regional mobility by increasing connectivity and capacity in the TDLE corridor from the Federal Way Transit Center to the Tacoma Dome Station area to meet projected transit demand. • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.			
Ridership Potential	L1.1: Travel time L1.2: Total population and employment (2035) within 1/2 mile of stations L1.3: Proximity to existing/future population and employment centers/activity centers and major destinations within 1/2 mile of stations	L2.1: Travel time L2.2: Daily and annual projected project ridership (2042) L2.3: Projected station boardings (2042) L2.4: Proximity to Puget Sound Regional Council (PSRC) growth centers and manufacturing/industrial centers L2.5: Population (persons/acre) and job (jobs/acre) densities	SF.1: Travel time SF.2: Daily and annual projected project ridership (2042) SF.3: Projected station boardings (2042) SF.4: Proximity to Puget Sound Regional Council (PSRC) growth centers and manufacturing/industrial centers SF.5: Population (persons/acre) and job (jobs/acre) densities
Objective: Support Sustainable Land Use Plans, Economic Development, and Transit Oriented Development Purpose and Need: • Connect communities of Federal Way, Milton, Fife, Tacoma, and the Puyallup Tribe of Indians to regional centers and destinations on the regional high-capacity transit (HCT) system as described in adopted regional and local land use, transportation, and economic development plans and Sound Transit's Regional Transit Long-Range Plan (Sound Transit 2014a). • Encourage equitable and sustainable urban growth in station areas through support of transit oriented development (TOD) and multimodal integration in a manner that is consistent with local land use plans and policies, including Sound Transit's Transit Oriented Development and Sustainability policies. • Encourage convenient and safe nonmotorized access to stations such as bicycle and pedestrian connections consistent with Sound Transit's System Access Policy.			
Supports future TOD opportunities	L1.4: Consistency with local and tribal economic development goals, planned development, current and anticipated zoning, and/or comprehensive plans L1.5: Barriers that limit the development potential, walkshed, and range and safety of bicycling around the station such as topography, wide roads, highways, bodies of water, and railways L1.6: Presence of amenities to catalyze complete neighborhoods, such as shops, services, schools, recreational facilities, civic or character amenities, or views/access to nature	L2.6: Consistency with civic and community planning and land use, evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans L2.7: Likelihood of station area redevelopment into transit oriented neighborhood L2.8: Detailed evaluation of nonmotorized barriers within a ½-mile of the station L2.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	SF.6: Consistency with adopted civic and community planning and land use, evaluating elements such as local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans SF.7: Likelihood of station area redevelopment into transit oriented neighborhood SF.8: Inventory of nonmotorized barriers within a ½-mile of the station SF.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods

Table 2-1 Evaluation Criteria (continued)

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Additional Alternative Evaluation Measures
Promotes multimodal access and connections	L1.7: Qualitative assessment of bicycle and pedestrian accessibility and potential for improvement L1.8: Qualitative assessment of transit connections and potential for improvement within station areas	L2.10: Proximity to existing transit service and level of transit service diversion required L2.11: Ease of vehicular pick-up/drop-off for a variety of users L2.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations L2.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations	SF.10: Proximity to existing transit service and level of transit service diversion required SF.11: Ease of vehicular pick-up/drop-off for a variety of users SF.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations SF.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations
Objective: Preserve the Environment Purpose and Need: • Preserve and promote a healthy environment and economy by minimizing adverse impacts on the natural, built, and social environments.			
Effects on the natural environment	L1.9: Proximity to major wetlands, streams, floodplains, steep slopes, Endangered Species Act (ESA) species, fisheries, or other natural habitat areas within 100 feet of an alternative (in acres of resources)	L2.14: Potential effects to wetlands L2.15: Potential effects to streams/stream crossings L2.16: Potential to affect protected species and habitats L2.17: Potential effects to vegetated areas L2.18: Potential effects to floodplains L2.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	SF.14: Potential effects to wetlands SF.15: Potential effects to streams/stream crossings SF.16: Potential to affect protected species and habitats SF.17: Potential effects to vegetated areas SF.18: Potential effects to floodplains SF.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)

Table 2-1 Evaluation Criteria (continued)

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Additional Alternative Evaluation Measures
Effects on the built environment	L1.10: Estimated levels of property impacts (residential, commercial, other) and number of large tax-generating properties affected L1.11: Estimated number of tribal parcels affected L1.12: Presence of known Section 4(f), park, historic, culturally significant tribal properties, or other protected areas L1.13: Presence of a viewshed or proximity to view-dependent businesses L1.14: Potential for impacts from vibration and noise L1.15: Potential for affecting areas with existing traffic congestion L1.16: Potential for affecting parking supply and demand and spillover parking effects L1.17: Potential avoidance of hazardous waste	L2.20: Estimated number of affected parcels and total acreage by property type L2.21: Estimated number of affected parcels with major economic activity generators L2.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating L2.23: Estimated number of tribal parcels potentially affected L2.24: Potential effects on Section 4(f) parks and recreational resources L2.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places (NRHP) L2.26: Potential effects on Section 4(f) cultural and archaeological resources L2.27: Potential effects to viewsheds along the alignment and potential for impacts to view-dependent businesses L2.28: Potential effects on sensitive noise and vibration receptors L2.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network L2.30: Potential effects on freight movement L2.31: Potential avoidance of hazardous waste L2.32: Potential effects on parking demand and supply	SF.20: Estimated number of affected parcels SF.21: Estimated number of affected parcels with major economic activity generators SF.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating SF.23: Estimated number of tribal parcels potentially affected SF.24: Potential effects on Section 4(f) parks and recreational resources SF.25: Potential effects on Section 4(f) historic resources and properties that are listed in or eligible for the National Register of Historic Places (NRHP) SF.26: Potential effects on cultural and archaeological resources SF.27: Potential effects to viewsheds along the alignment and potential for impacts to view-dependent businesses SF.28: Potential effects on sensitive noise and vibration receptors SF.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network SF.30: Potential effects on freight movement SF.31: Potential avoidance of hazardous waste SF.32: Potential effects on parking demand and supply
Objective: Support Equitable Mobility Purpose and Need: • Expand mobility for the corridor and region's residents, which include transit dependent, low-income, and minority populations.			
Provide equitable transit service to low-income, minority, and transit-dependent populations	L1.18: Qualitative demographic differences among the option census data (households with no car, low-income, and minority populations) in station areas L1.19: Potential for impacts on low-income and minority populations	L2.33: Potential benefits to low-income or minority populations L2.34: Potential for impacts on low-income and/or minority populations	SF.33: Potential benefits to low-income or minority populations SF.34: Potential for impacts on low-income and/or minority populations

Table 2-1 Evaluation Criteria (continued)

Evaluation Criteria	Level 1 Measures (2018)	Level 2 Measures (2019)	Additional Alternative Evaluation Measures
Objective: Provide a Financially Sustainable and Constructible Project Purpose and Need: • Implement a system that is technically and financially feasible to build, operate, and maintain.			
Financial considerations	L1.20: Major cost elements beyond the representative project description	L2.35: Preliminary conceptual estimate[2] L2.36: Operating estimate	SF.35: Preliminary conceptual estimate[2] SF.36: Operating estimate
Constructibility and engineering considerations	L1.21: Potential risks (major utilities or structures) L1.22: Availability and potential to use publicly owned right-of-way L1.23: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan	L2.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure L2.38: Number of sites requiring environmental remediation within the project footprint of an alternative L2.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects) L2.40: Availability and potential to use publicly owned right-of-way and publicly owned property L2.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan	SF.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure SF.38: Number of sites requiring environmental remediation within the project footprint of an alternative SF.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects) SF.40: Availability and potential to use publicly owned right-of-way and publicly owned property SF.41: Capability to accommodate future expansion included in the Sound Transit Long-Range Plan
Operational considerations	L1.24 Consideration of operational elements (e.g., potential reliability, track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	L2.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)	SF.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at-grade crossings, if any)
Schedule considerations	L1.25: Overall schedule risk	L2.43: Overall schedule risk	SF.43: Overall schedule risk

1. Sound Transit. 2016. Sound Transit 3: The Regional Transit System Plan for Central Puget Sound. June 2016.
2. Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.

2.3 Potential Additional Alternatives

In 2022, Sound Transit identified three routes for developing potential additional alternatives, as shown in Figure 2-1. The potential additional alternatives are located in the cities of Federal Way and Milton, spanning King and Pierce Counties. The study area for this screening begins at S 344th Street in the City of Federal Way and extends to the boundary of unincorporated Pierce County and City of Fife's city limits near Wapato Way E. For screening, the potential additional alternatives were named:

- SF Pacific Highway
- SF I-5 to Pacific Highway
- SF Enchanted Parkway to I-5 East

Through early coordination with the Puyallup Tribe of Indians, three options were explored near Porter Way to connect from Pacific Highway E to the preferred alternative's guideway. Input from the City of Milton also indicated the importance of minimizing impacts to streams and wetlands. Table 2-2 presents the screening results for each of the potential additional alternatives.

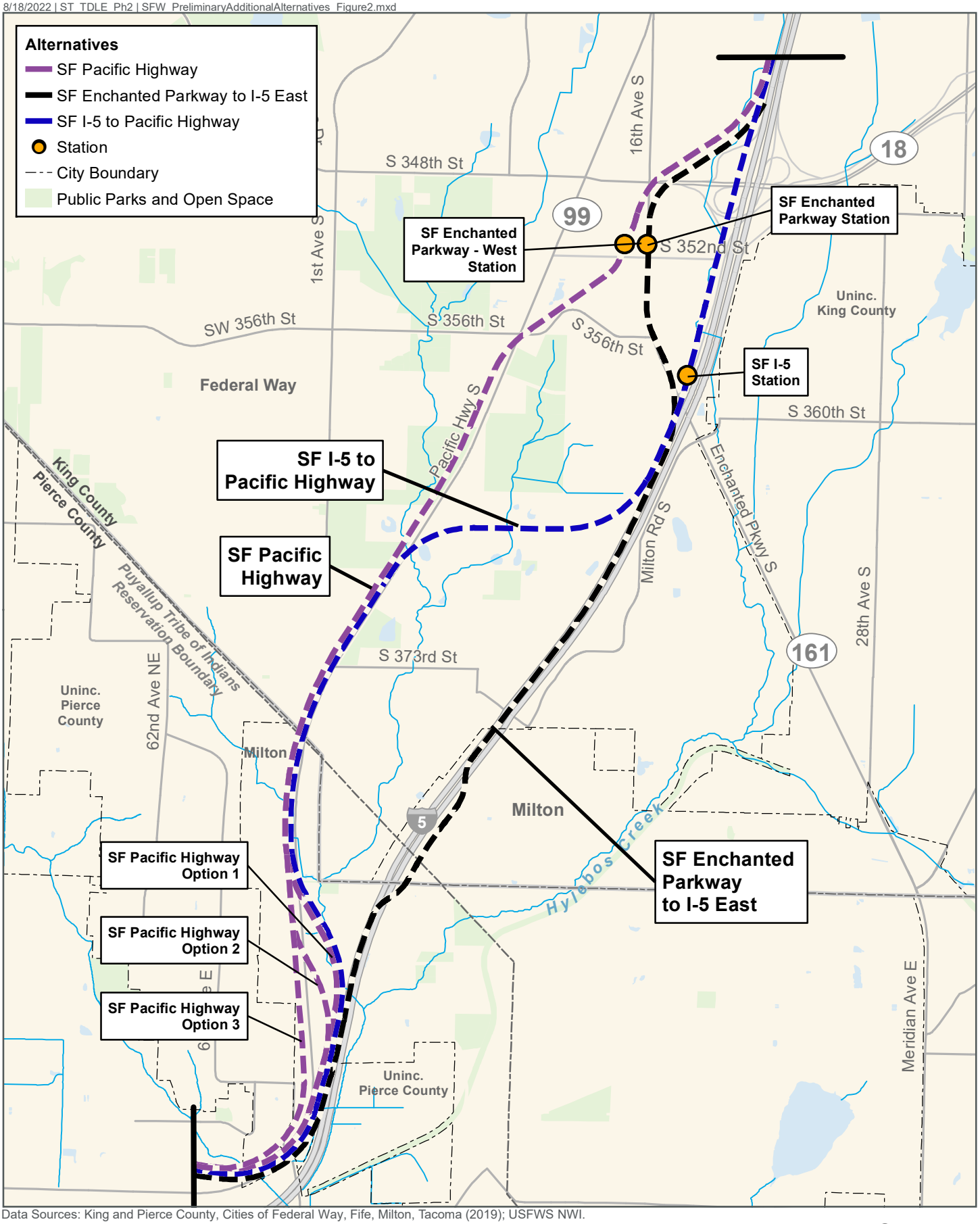

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019); USFWS NWI.

FIGURE 2-1

Potential Additional Alternatives in South Federal Way to Milton

N

0 0.25 0.5 Mile

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			SF I-5 to Pacific Highway (SF I-5 Station)	SF Enchanted Parkway to I-5 East (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
Objective: Provide Effective Transportation Solutions to meet Mobility, Access, and Capacity Needs						
SF.1: Travel time	Estimated based on alignment length, percent of alignment with horizontal speeds below 55 MPH	Travel time would increase slightly due to an increased guideway length added by this alternative, and slightly slower curves getting to/from Pacific Highway. Approximate percentage of alignment length below 55 mph: 45%	Travel time would increase slightly due to an increased guideway length added by this alternative, and slightly slower curves getting to/from Pacific Highway. Approximate percentage of alignment length below 55 mph: 41%	Travel time would increase slightly due to slightly slower curves getting to Pacific Highway and near 70th Avenue E. Approximate percentage of alignment length below 55 mph: 31%	Travel time would increase slightly due to an increased guideway length added by this alternative. Approximate percentage of alignment length below 55 mph: 41%	Travel time would increase slightly due to the lower speeds associated with the introduced curves to/from the east side of I-5. Approximate percentage of alignment length below 55 mph: 37%
SF.2: Daily and annual projected project ridership (2042)[1]	Average daily projected riders (baseline estimate provided for South Federal Way station area, with qualitative differences noted for station/alignment alternatives) **South Federal Way: 12,730 Daily NB; 12,730 Daily SB**	Moderate ridership potential due to relative potential for transit oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).			Moderate ridership potential due to relative potential for transit oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).	Moderate ridership potential due to relative potential for transit oriented development growth and multimodal station access (abundance of existing big-box retail and proximity to I-5).
SF.3: Projected station boardings (2042)[1]	Projected station boardings (baseline estimate provided for South Federal Way station area, with qualitative differences noted for station/alignment alternatives) **South Federal Way: 1,100 Daily NB; 330 Daily SB**	Moderate level of projected station boardings due to relative potential for transit oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).			Moderate level of projected station boardings due to relative potential for transit oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).	Moderate level of projected station boardings due to relative potential for transit oriented development growth and multimodal station access (abundance of big-box retail and proximity to I-5).
SF.4: Proximity to Puget Sound Regional Council growth centers and manufacturing/industrial Centers[1]	% Puget Sound Regional Council Growth Center and/or manufacturing/industrial center within 10-minute walkshed	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center.			0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center.	0% No Puget Sound Regional Council regional growth center or manufacturing/industrial center.
SF.5: Population (persons/acre) and job (jobs/acre) densities[1]	Existing and future (2040) population and employment densities within 10-minute walkshed (PSRC Land Use Vision Dataset)	Population densities (existing 236/future 259) and employment densities (existing 66/ future 85). High population density, high population growth. Medium job density, high job growth.			Population densities: existing 326/future 344 Employment densities: existing 70/future 82 Highest population density, lowest population growth. Highest job density, lowest job growth.	Population densities (existing 236/future 259) and employment densities (existing 66/ future 85). High population density, high population growth. Medium job density, high job growth.
Objective: Support Sustainable Land Use Plans, Transit-Oriented Development, and Multimodal Station Access						
SF.6: Consistency with adopted civic and community planning and land use, evaluating elements such as: local and tribal development goals, current and planned development, current and anticipated zoning, and/or comprehensive plans	Assessment of the civic and land use documents that are relevant and up to date in each station area. Evaluate each station location against the relevant documents/civic plans rating each plan as "consistent with TOD around alternative location"(+), "neutral", or "inconsistent with TOD around alternative location"(-)	Land use, zoning, and current comprehensive planning is not compatible with mixed-use transit-oriented development with mixed residential and commercial uses in proximity to transit. The City of Federal Way is currently updating their comprehensive plan (anticipated to be adopted in 2024), adding a chapter and subarea plan for the South Federal Way station area.			Land use, zoning, and current comprehensive planning is not compatible with mixed-use transit-oriented development with mixed residential and commercial uses in proximity to transit and its proximity to I-5 limits access and available land for TOD. The City of Federal Way is currently updating their comprehensive plan, adding a chapter and subarea plan for the South Federal Way station area.	Land use, zoning, and current comprehensive planning is not compatible with mixed-use transit-oriented development with mixed residential and commercial uses in proximity to transit. The City of Federal Way is currently updating their comprehensive plan (anticipated to be adopted in 2024), adding a chapter and subarea plan for the South Federal Way station area.
SF.7: Likelihood of station area redevelopment into transit-oriented neighborhood	Assessment of degree to which the station area has land available to support development into a transit-oriented neighborhood, as measured by the amount of land within a ¼ mile walking distance of station that has a relatively greater likelihood to redevelop into transit-supportive uses	Total acreage in walkshed: 52.4-56.6 Acreage not available for redevelopment: 8.9-9.4 acres (16.6-16.9%) The station is farther from I-5, which results in more land overall that could redevelop.			Total acreage in walkshed: 36.3 Acreage not available for redevelopment: 15.1 acres (41.7%) The station is adjacent to I-5, which results in less land overall that is available for redevelopment.	Total acreage in walkshed: 55.1 Acreage not available for redevelopment: 8.8 acres (16.0%) The station is farther from I-5, which results in more land overall that could redevelop.

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			**SF I-5 to Pacific Highway** (SF I-5 Station)	**SF Enchanted Parkway to I-5 East** (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
SF.8: Inventory of nonmotorized barriers within a ½ mile of the station[1]	Assessment of barriers within half-mile of TDLE station areas (barriers list: (1) Topography (hills) that limit the walkshed, (2) Wide roads, (3) Highways, (4) Bodies of water, (5) Railways)	Station is one of the best from a barriers point of view. Even though it has many large roads surrounding it (Enchanted Parkway, SR 99, 348th Street to the north), it is on the same block as all the amenities at Federal Way Crossing, and the crossing over 352nd Street is relatively less difficult compared to other alternatives and stations in Level 2 screening.			This station has lower connectivity. The station is bounded by I-5 with an difficult to cross overpass and the sidewalks end on the other side. Enchanted Parkway to the west is difficult to cross. The Washington State Department of Transportation's planned exit ramps and roundabout will create additional nonmotorized barriers. There is a substantial grade change to the west that limits the potential for future connectivity across Enchanted Parkway. This location is bounded by I-5 and Enchanted Parkway to the south and is most impacted by the steep grade west of Enchanted Parkway.	Station is one of the best from a barriers point of view. Even though it has many large roads surrounding it (Enchanted Parkway, SR 99, 348th Street to the north), it is on the same block as all the amenities at Federal Way Crossing, and the crossing over 352nd Street is relatively less difficult compared to other alternatives and stations in Level 2 screening.
SF.9: Presence of amenities that can catalyze development of transit-oriented neighborhoods	Assessment of amenities that can catalyze complete transit-oriented neighborhoods in station area.	This station could impact the following amenities that can catalyze transit-oriented development: Biscuits Café, Puerto Vallarta Mexican Restaurant, BECU, Catapult, and LA Fitness in Federal Way Crossing, but mostly leaves Federal Way Crossings intact. It also could impact the concrete plant, which is incompatible as a transit-oriented development amenity. Better connectivity to retail.			This station has no amenities to the south or east, except Todd Beamer High School to the southwest. Retail amenities clustered around 348th Street can be accessed to north via a several minute walk.	This station could impact the following amenities that can catalyze transit-oriented development: Biscuits Café, Puerto Vallarta Mexican Restaurant, and the BECU, but mostly leaves Federal Way Crossings intact. It also could impact the concrete plant, which is incompatible as a transit-oriented development amenity. Better connectivity to retail.
SF.10: Proximity to local bus, and other transit facilities and services	Distance to nearest existing bus stop; measure of the level of diversion that could be required.	About 450 to 525 feet from the southbound bus stop at Enchanted Parkway and S 352nd Street. Moderate amount of transit diversion.			1,070 feet from the northbound bus stop at Enchanted Parkway and S 356th Street. Highest amount of transit diversion.	450 feet from the southbound bus stop at Enchanted Parkway and S 352nd Street. Moderate amount of transit diversion.
SF.11: Ease of vehicular pickup/drop-off for a variety of users[1]	Assessment of ease of access to pick-up/drop-off at stations due to nearby street network and congestion using proposed station concepts.	• Drivers from all directions would be able to access the pick-up/drop-off area and then continue in any direction • Left-turn access out of the lot possible at west driveway • Left turns out of the lot may incur more delay than SF 3, SF 8, and SF 9 (options located on the east side of Enchanted Parkway that were evaluated in Level 2 screening)			Due to the presence of the roundabouts, drivers from all directions would be able to access the pickup/drop-off area and then continue in any direction except directly eastbound on SR 18 or southbound on I-5.	• Drivers from all directions would be able to access the pick-up/drop-off area and then continue in any direction • Left-turn access out of the lot possible at west driveway • Left turns out of the lot may incur more delay than SF 3, SF 8, and SF 9 (options located on the east side of Enchanted Parkway that were evaluated in Level 2 screening)
SF.12: Connections with local and regional bicycle facilities (existing and planned) and access to stations[1]	Ratio of existing and funded bicycle facility miles (greenway, lanes, protected lanes, trails) to total roadway miles within a 10-minute bikeshed	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.22 Funded: 0.22			Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.66 Funded: 0.70 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to pedestrian access directly adjacent to the station.	Moderate ratio of existing and funded bike facility miles to roadway miles. Existing: 0.22 Funded: 0.22
SF.13: Connections with local pedestrian facilities (existing and planned) and pedestrian access to stations[1]	Ratio of existing and funded pedestrian facility miles (trails, sidewalks) to total roadway miles within a 10-minute walkshed of stations	High ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.82 Funded: 0.86			Moderate ratio of existing and funded pedestrian facilities to roadway miles, low topographical challenges. Existing: 0.66 Funded: 0.70 The planned roundabout on Enchanted Parkway and S 356th Street will create a large impediment to pedestrian access directly adjacent to the station.	High ratio of existing and funded pedestrian facility miles to roadway miles, low topographical challenges. Existing: 0.82 Funded: 0.86

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			SF I-5 to Pacific Highway (SF I-5 Station)	SF Enchanted Parkway to I-5 East (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
Objective: Preserve the Environment						
SF.14: Potential effects to wetlands	Extent and quality of wetlands within 100-foot buffer of each alternative	Incremental impacts to wetland complex at existing Pacific Highway/West Fork Hylebos Creek crossing. Impacts to wetlands associated with lower reaches of West Fork Hylebos Creek and along the main stem of Hylebos Creek. If the station platform is parallel to Enchanted Parkway, guideway impacts the periphery of a large, high-quality wetland for approximately 1,000 linear feet just south of S 356th Street.	Incremental impacts to wetland complex at existing Pacific Highway/West Fork Hylebos Creek crossing. Impacts to wetlands along the main stem of Hylebos Creek. If the station platform is parallel to Enchanted Parkway, guideway impacts the periphery of a large, high-quality wetland for approximately 1,000 linear feet just south of S 356th Street.	Incremental impacts to wetland complex at existing Pacific Highway/West Fork Hylebos Creek crossing. Impacts to forested habitat in and near wetlands along the main stem of Hylebos Creek. If the station platform is parallel to Enchanted Parkway, guideway impacts the periphery of a large, high-quality wetland for approximately 1,000 linear feet just south of S 356th Street.	Approximately 1,000 linear-foot crossing of a large, high-quality wetland complex southwest of Todd Beamer High School. Impacts to wetland complex downstream of existing Pacific Highway/West Fork Hylebos Creek crossing. Impacts to wetlands associated with lower reaches of West Fork Hylebos Creek and along the main stem of Hylebos Creek.	Minor impacts (<1 acre) to small, isolated wetlands along I-5 and near southernmost crossing of West Fork Hylebos Creek. Impacts to wetlands along the main stem of Hylebos Creek.
SF.15: Potential effects to streams/stream crossings	Impacts to streams and stream crossings and riparian habitat within 100-foot buffer of each alternative	6 stream crossings. * Crosses East Fork Hylebos Creek tributary north of I-5/SR 18 interchange * No impacts to West Fork Hylebos Creek tributary * Impacts to forested riparian habitat at existing Pacific Highway/West Fork Hylebos Creek crossing * Impacts to riparian habitat along approximately 1,600 linear feet of the lower reaches of West Fork Hylebos Creek (including 2 crossings) * Parallels Stream SMI-01 for approximately 900 linear feet * Impacts to riparian habitat (mostly shrub-dominated) along main stem of Hylebos Creek If the station platform is parallel to Enchanted Parkway, potential effects to riparian habitat near headwaters of West Fork Hylebos Creek tributary just south of S 356th Street.	4 stream crossings. * Crosses East Fork Hylebos Creek tributary north of I-5/SR 18 interchange * No impacts to West Fork Hylebos Creek tributary * Impacts to forested riparian habitat at existing Pacific Highway/West Fork Hylebos Creek crossing * No impacts along the lower reaches of West Fork Hylebos Creek * Parallels Stream SMI-01 for approximately 600 linear feet * Impacts to riparian habitat (mostly shrub-dominated) along main stem of Hylebos Creek If the station platform is parallel to Enchanted Parkway, potential effects to riparian habitat near headwaters of West Fork Hylebos Creek tributary just south of S 356th Street.	4 stream crossings. * Crosses East Fork Hylebos Creek tributary north of I-5/SR 18 interchange * No impacts to West Fork Hylebos Creek tributary * Impacts to forested riparian habitat at existing Pacific Highway/West Fork Hylebos Creek crossing * No impacts along the lower reaches of West Fork Hylebos Creek * Impacts to forested riparian habitat along main stem of Hylebos Creek If the station platform is parallel to Enchanted Parkway, potential effects to riparian habitat near headwaters of West Fork Hylebos Creek tributary just south of S 356th Street.	7 stream crossings (possibility of reducing to 5, pending design refinements). * Impacts to East Fork Hylebos Creek tributary near I-5/SR 18 interchange (approximately 1,600 linear feet) * Crossing of West Fork Hylebos Creek tributary and high-quality riparian habitat * Impacts to mixed forested/disturbed riparian habitat at existing Pacific Highway crossing of West Fork Hylebos Creek * Impacts to riparian habitat along approximately 1,600 linear feet of the lower reaches of West Fork Hylebos Creek (including 2 crossings) (impacts may be reduced through design refinements) * Parallels Stream SMI-01 for up to 900 linear feet * Impacts to riparian habitat (mostly shrub-dominated) along main stem of Hylebos Creek	3 stream crossings. * Impacts to East Fork Hylebos Creek tributary near I-5/SR 18 interchange (approximately 1,600 linear feet) * Impacts to lower West Fork Hylebos Creek riparian area (approximately 800 linear feet) * No impacts to West Fork Hylebos Creek tributary or West Fork Hylebos Creek at existing Pacific Highway crossing * Parallels Stream SMI-01 for approximately 900 linear feet * Impacts to riparian habitat (mostly shrub-dominated) along main stem of Hylebos Creek
SF.16: Potential to affect protected species and habitats	Impacts to habitats or areas where endangered, threatened, or sensitive species have a primary association (based on Priority Habitats and Species data from the Washington Department of Fish and Wildlife within 100-foot buffer of each alternative)	Impacts to fish-bearing streams at the existing Pacific Highway/West Fork Hylebos Creek crossing, along the lower reaches of West Fork Hylebos Creek, and at the crossing of the main stem of Hylebos Creek. Affects more fish-bearing streams than Options 2 and 3.	Impacts to fish-bearing streams at the existing Pacific Highway/West Fork Hylebos Creek crossing and at the crossing of the main stem of Hylebos Creek near Wapato Way.		Impacts to fish-bearing streams at crossing of West Fork Hylebos Creek tributary, downstream of existing Pacific Highway/West Fork Hylebos Creek crossing, along the lower reaches of West Fork Hylebos Creek, and at the crossing of the main stem of Hylebos Creek.	Impacts to fish-bearing streams at the crossing of West Fork Hylebos Creek adjacent to I-5 and at the crossing of the main stem of Hylebos Creek.
SF.17: Potential effects to vegetated areas	Impacts to high-quality vegetation	Impacts to edges of large patches of mature forest along Pacific Highway. Alignment passes through areas of forested habitat associated with lower reaches of West Fork Hylebos Creek and mainstem Hylebos Creek, affecting more forested habitat than Options 2 and 3. If the station platform is parallel to Enchanted Parkway, guideway affects forested area near headwaters of West Fork Hylebos Creek tributary just south of S 356th Street.	Impacts to edges of large patches of mature forest along Pacific Highway. Alignment passes through areas of forested habitat associated with mainstem Hylebos Creek. If the station platform is parallel to Enchanted Parkway, guideway affects forested area near headwaters of West Fork Hylebos Creek tributary just south of S 356th Street.	Impacts to edges of large patches of mature forest along Pacific Highway. Alignment passes through areas of forested habitat associated with mainstem Hylebos Creek, affecting slightly more forested area than Option 2 but less than Option 1. If the station platform is parallel to Enchanted Parkway, guideway affects forested area near headwaters of West Fork Hylebos Creek tributary just south of S 356th Street.	Impacts through forested habitat in wetland complex southwest of Todd Beamer High School. Impacts to edges of large patches of mature forest along Pacific Highway; additional impacts to forested areas downstream of existing Pacific Highway/West Fork Hylebos Creek crossing. Alignment passes through areas of forested habitat associated with lower reaches of West Fork Hylebos Creek and mainstem Hylebos Creek.	Impacts to narrow strips of vegetation (which includes mature forest in some areas) along I-5. Alignment passes through areas of forested habitat associated with mainstem Hylebos Creek.
SF.18: Potential effects to floodplains/ water resources	Impacts to FEMA floodplains/floodways (both mapped) within 100-foot buffer	Floodplain crossing approximately 935 feet, including mapped FEMA floodway crossings just north of Porter Way as well as directly north of the roundabout at Pacific Highway and Wapato Way E.	Floodplain crossing approximately 415 feet, including mapped FEMA floodway crossings just north of Porter Way as well as directly north of the roundabout at Pacific Highway and Wapato Way E.	Floodplain crossing approximately 350 feet, including mapped FEMA floodway crossings just north of Porter Way as well as directly north of the roundabout at Pacific Highway and Wapato Way E.	Floodplain crossing approximately 935 feet, including mapped FEMA floodway crossings just north of Porter Way as well as directly north of the roundabout at Pacific Highway and Wapato Way E.	Floodplain crossing approximately 515 feet, including mapped FEMA floodway crossings just north of Porter Way as well as directly north of the roundabout at Pacific Highway and Wapato Way E.

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			SF I-5 to Pacific Highway (SF I-5 Station)	SF Enchanted Parkway to I-5 East (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
SF.19: Presence of geologic hazard areas (steep slopes, erosion, or landslide hazard areas)	Impacts to geologic hazard areas (steep slope, erosion, landslide hazard areas)	Lahar hazard zone in southern portion of alternative. Generally low liquefaction susceptibility in Federal Way and Milton, high liquefaction susceptibility in Unincorporated Pierce County and Fife.			Lahar hazard zone in southern portion of alternative. Generally low liquefaction susceptibility in Federal Way and Milton, high liquefaction susceptibility in Unincorporated Pierce County and Fife.	Lahar hazard zone in southern portion of alternative. Generally low liquefaction susceptibility in Federal Way and Milton, high liquefaction susceptibility in Unincorporated Pierce County and Fife.
SF.20: Estimated number of affected parcels and total acreage	Assessment of parcels potentially affected (partial and full) and general estimate of acreage of land converted from other land uses to a transportation use.	**Estimated number of affected parcels: 92 -103** King County: 48-59 Pierce County: 44 **Estimated potential acres impacted: 88 - 96 acres** King County: 61-69 acres Pierce County: 27 acres	**Estimated number of affected parcels: 89 -100** King County: 48-59 Pierce County: 41 **Estimated potential acres impacted: 92 - 100 acres** King County: 61-69 acres Pierce County: 31 acres	**Estimated number of affected parcels: 116-127** King County: 48-59 Pierce County: 68 **Estimated potential acres impacted: 93 - 101 acres** King County: 61-69 acres Pierce County: 32 acres	**Estimated number of affected parcels: 109** King County: 54 Pierce County: 55 **Estimated potential acres impacted: 75 acres** King County: 48 acres Pierce County: 27 acres	**Estimated number of affected parcels: 61** King County: 37 Pierce County: 24 **Estimated potential acres impacted: 49 acres** King County: 33 acres Pierce County: 16 acres
SF.21: Estimated number of affected parcels with major economic activity generators	Assessment of potential property impacts that have a major economic activity generator (such as Costco, Home Depot, Port of Tacoma property, strip malls)	Approximately 20-26 businesses displaced, including 2-3 strip mall retail centers, 3 commercial/office uses, 9 auto service providers.	Approximately 22-28 businesses displaced, including 2-3 strip mall retail centers, 7 commercial/office uses, 7 auto service providers.	Approximately 17-23 businesses displaced, including 2-3 strip mall retail centers, 5 commercial/office uses, 3 auto service providers.	Approximately 11-16 businesses displaced, including 1 auto dealer, 10 auto service providers, and 1 industrial business.	Approximately 17-23 businesses displaced, including 2-3 strip mall retail centers, 1 industrial business, 3 commercial uses, 3 auto service providers, 1 boat dealer, and 1 office (Container Storage).
SF.22: Estimated number of displacements by property type; impacts to important community facilities (such as churches, hospitals, and community centers) will also be factored into this rating	Estimated number of potential property impacts from alignment and station by property type	Residential Displacements: 87 units (84 units in former Red Lion) Commercial Displacements: 20-26 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 1 (frontage of Montessori Academy at Spring Valley)	Residential Displacements: 85 units (84 units in former Red Lion) Commercial Displacements: 22-28 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 1 (frontage of Montessori Academy at Spring Valley)	Residential Displacements: 109 units (84 units in former Red Lion) Commercial Displacements: 17-23 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 1 (frontage of Montessori Academy at Spring Valley)	Residential Displacements: 8 units Commercial Displacements: 11-16 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 1 (frontage of Montessori Academy at Spring Valley)	Residential Displacements: 124 units (36 units in CrossPointe Apartments, 84 units in former Red Lion) Commercial Displacements: 17-23 Hospitals = 0 Libraries = 0 Police + Fire = 0 Community Centers = 0 Schools = 0
SF.23: Estimated number of tribal parcels potentially affected	Number of tribal-owned parcels affected by each alternative	Potential effects on one Tribal property.	Potential effects on three Tribal properties. Temporary construction easements would be needed on three additional properties.	Potential effects on five Tribal properties.	Potential effects on one Tribal property.	Temporary construction easements would be needed on two Tribal properties.
SF.24: Potential effects on Section 4(f) parks and recreational resources	Impacts and estimated area of potential permanent impacts to parks and recreational resources within 100-foot buffer of each alternative	A small portion of permanent and temporary footprint traverse the Hylebos Wetlands to the east near S 356th Street and Hylebos Wetlands to the west, south of S 363rd Street and the West Hylebos Osaka Property, all of which are identified as open space in the Federal Way Parks, Recreation and Open Space Plan. If the station platform is parallel to Enchanted Parkway, guideway would have greater impacts to the Hylebos Wetlands.		A small portion of permanent and temporary footprint traverse the Hylebos Wetlands to the east near S 356th Street and Hylebos Wetlands to the west, south of S 363rd Street, all of which are identified as open space in the Federal Way Parks, Recreation and Open Space Plan. Option 3 would be adjacent to the and the West Hylebos Osaka Property, but would not cross it. If the station platform is parallel to Enchanted Parkway, guideway would have greater impacts to the Hylebos Wetlands.	A small portion of permanent and temporary footprint traverse the Hylebos Wetlands to the west, south of S 363rd Street and the West Hylebos Osaka Property, all of which are identified as open space in the Federal Way Parks, Recreation, and Open Space Plan.	None.

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			SF I-5 to Pacific Highway (SF I-5 Station)	SF Enchanted Parkway to I-5 East (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
SF.25: Potential effects on Section 4(f) historic resources (buildings) and properties that are listed in or eligible for the National Register of Historic Places	Estimated number of impacts to Section 4(f) resources and properties listed in or eligible for the National Register of Historic Places within 100-foot buffer of each alternative Resources assessed not eligible for listing in the NRHP, in consultation with SHPO, are not included (consultation in progress as of May 2022).	An estimated 24-25 historic-period resources not currently formally evaluated for NRHP eligibility and one NRHP-eligible resource (Gethsemane Cemetery). No Section 4(f) historic resources or properties that are listed in or eligible for the NRHP have been identified within the SF Pacific Highway Alternative footprint.		An estimated 34 historic-period resources not currently formally evaluated for NRHP eligibility, one NRHP-eligible resources (Gethsemane Cemetery), and one presumed NRHP-eligible resource not visible from the ROW. No Section 4(f) historic resources or properties that are listed in or eligible for the NRHP have been identified within the SF Pacific Highway Alternative footprint.	An estimated 16 historic-period resources not currently formally evaluated for NRHP eligibility and one NRHP-eligible resource (Gethsemane Cemetery). No Section 4(f) historic resources or properties that are listed in or eligible for the NRHP have been identified within the SF I-5 to Pacific Highway Alternative footprint.	An estimated two historic-period resources not currently formally evaluated for NRHP eligibility and one NRHP-eligible resource (Gethsemane Cemetery). No Section 4(f) historic resources or properties that are listed in or eligible for the NRHP have been identified within the SF Enchanted Parkway to I-5 East Alternative footprint.
SF.26: Potential effects on cultural and archaeological resources	Estimated number of potential impacts and probability to encounter cultural and/or archaeological resources within 100-foot buffer of each alternative	Three archaeological sites, one archaeological isolate, and one cemetery are within 100-foot buffer of the alternative. One of the archaeological sites and the archaeological isolate are precontact. The other two archaeological sites date to the historic period. Undeveloped portions of the alternative have a low to high probability of containing archaeological resources.			Three archaeological sites, one archaeological isolate, and one cemetery are within 100-foot buffer of the alternative. One of the archaeological sites and the archaeological isolate are precontact. The other two archaeological sites date to the historic period. Undeveloped portions of the alternative have a low to high probability of containing archaeological resources.	Four archaeological sites, one archaeological isolate (historic-period), and two cemeteries are within 100-foot buffer the of alternative. Three of the archaeological sites date to the historic period and one is precontact. All sites are historic-period. Undeveloped portions of the alternative have a low to high probability of containing archaeological resources.
SF.27: Potential effects to view sheds along the alignment and potential for impacts to view-dependent businesses	Assessment of impacts to protected views and view-dependent businesses	No effects to protected viewsheds or parcels with view-dependent businesses.			No effects to protected viewsheds or parcels with view-dependent businesses.	No effects to protected viewsheds or parcels with view-dependent businesses.
SF.28: Potential effects on sensitive noise and vibration receptors	Estimated number of potentially affected sensitive receptors within 350-foot buffer of each alternative; sensitive receptors include residences and "others" (schools, churches, parks, hotels, hospitals, libraries, cemeteries, etc.)	An estimated 99-100 residential buildings (100-123 units), one hotel, one school, one church, one cemetery, and a rehab clinic within 350 feet.	An estimated 110-111 residential buildings (111-135 units), one hotel, one school, one church, one cemetery, and a rehab clinic within 350 feet.	An estimated 115-116 residential buildings (165-189 units), one hotel, one school, one church, one cemetery, and a rehab clinic within 350 feet.	An estimated 115 residential buildings (159 units) (including an apartment complex with multiple buildings), one hotel, one school, one church, one cemetery, and a rehab clinic within 350 feet.	An estimated 72 residential buildings (165 units) (including an apartment complex with multiple buildings), and a rehab clinic within 350 feet.
SF.29: Potential effects on existing and planned traffic (general purpose and freight traffic) on local network	Assessment of intersection level of service, and effects on traffic circulation and access for both automobiles and freight, including potential number of lane restrictions, turn restrictions, and driveways impacted (permanent conditions)	Some added delay (up to 10 seconds) at intersections compared to without the project (S 352nd Street/Enchanted Parkway).			Some added delay (up to 20 seconds) at intersections compared to without the project (S 348th Street/Enchanted Parkway, S 356th Street/Pacific Highway).	Some added delay (up to 10 seconds) at intersections compared to without the project (S 352nd Street/Enchanted Parkway).
SF.30: Potential effects on freight movement	Assessment of impacts to level of service on freight corridors (permanent conditions)	Some added delay at intersections compared to without project.			Some added delay at intersections compared to without project.	Some added delay at intersections compared to without project.
SF.31: Potential avoidance of hazardous waste	Estimated number of hazardous materials sites within 1/8 mile of each alternative: 5 - 0 to 5 hazardous materials sites 4 - 6 to 10 hazardous materials sites 3 - 11 to 15 hazardous materials sites 2 - 16 to 20 hazardous materials sites 1 - 21+ hazardous materials sites	20 hazardous materials sites.		17 hazardous materials sites.	17 hazardous materials sites.	12 hazardous materials sites.

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			SF I-5 to Pacific Highway (SF I-5 Station)	SF Enchanted Parkway to I-5 East (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
SF.32: Potential effects on parking demand and supply	Assessment of impacts on parking supply (review of impacts to parcels with parking)	Parcels with parking that are potentially impacted: 24-25 parcels Parcels with more than 50% of parking potentially impacted: 8 parcels Parking acreage potentially impacted: 8.68-9.04 acres	Parcels with parking that are potentially impacted: 28-29 parcels Parcels with more than 50% of parking potentially impacted: 8 parcels Parking acreage potentially impacted: 8.30-8.66 acres	Parcels with parking that are potentially impacted: 32-33 parcels Parcels with more than 50% of parking potentially impacted: 14 parcels Parking acreage potentially impacted: 9.42-9.78 acres	Parcels with parking that are potentially impacted: 22 parcels Parcels with more than 50% of parking potentially impacted: 10 parcels Parking acreage potentially impacted: 9.32 acres	Parcels with parking that are potentially impacted: 17 parcels Parcels with more than 50% of parking potentially impacted: 5 parcels Parking acreage potentially impacted: 5.52 acres
Objective: Support Equitable Mobility						
SF.33: Potential benefits to low-income or minority populations[1]	Assessment of how well station serves low-income/minority and traditionally underserved or transit-dependent populations (e.g., population with no car, population younger than 18 and older than 65) compared to baseline; the baseline is the percentage of minority or low-income population and transit-dependent populations in each city that the station area serves	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 36.3% minority and 34.6% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Federal Way as a whole.			Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 31.3% minority and 29.5% low-income population; therefore, the station would serve slightly fewer minority low-income populations compared to Federal Way as a whole.	Federal Way is composed of 35.9% minority and 35.0% low-income populations. This station area has a 36.3% minority and 34.6% low-income population; therefore, the station would serve slightly more minority low-income populations compared to Federal Way as a whole.
SF.34: Potential for impacts on low-income and/or minority populations	Potential for displacement to affect Environmental Justice populations (minority and low-income)	Displacement would include known low-income residential buildings.			Displacement would include known low-income residential buildings.	Displacement would include known low-income residential buildings.
Objective: Provide a Financially Sustainable and Constructible Project						
SF.35: Preliminary conceptual estimate	Preliminary conceptual estimates based on conceptual design quantities and current Sound Transit unit pricing. *Preliminary conceptual estimates are not the project's budget. They are to be used for comparisons among alternatives.*	Adds approximately 500 linear feet of guideway costs to the project to cover the additional length to travel west to Pacific Highway (SR 99) and back east to I-5. Depending on the alignment location along Pacific Highway, this alignment could see a half or full street improvements, along with wetland and environmental mitigation measures needed due to impacts along Pacific Highway.		The overall alignment length for this alternative is approximately the same as the preferred alignment along I-5 so additional guideway costs will be minimal with this alignment. Depending on the alignment location along Pacific Highway, this alignment could see a half or full street improvements, along with wetland and environmental mitigation measures needed due to impacts along Pacific Highway.	Adds the largest amount of new guideway structure, approximately 2,000 linear feet. Additional costs for minimizing wetland disturbance during construction will be required. The highest additional costs will be due to the additional guideway structure cost along with wetland/environmental mitigation costs.	Adds approximately 100 linear feet. The highest additional costs will be related to the two I-5 crossings with piers in the median, and the traffic control and safety measures (temporary falsework, etc.) in place to get this work completed.
SF.36: Operating estimate	Assessment of potential magnitude of O&M estimates based on travel time	Travel time would increase slightly due to an increased guideway length added by this alternative, and slightly slower curves getting to/from Pacific Highway, but would not drastically increase operating estimates.		Travel time would increase slightly due to slightly slower curves getting to Pacific Highway and near 70th Avenue E.	Travel time would increase slightly due to an increased guideway length added by this alternative. It is assumed that travel time would increase compared to SF Pacific Highway, but would not drastically increase operating estimates.	Travel time would increase slightly due to the lower speeds associated with the introduced curves to/from the east side of I-5. It is assumed that travel time would increase compared to SF Pacific Highway, but would not drastically increase operating estimates.
SF.37: Potential conflicts with major utilities and structures, such as existing or planned transportation infrastructure	Potential impacts on known major utilities or structures (e.g. power lines, transportation infrastructure)	On the southeast side of the S 356th Street/Pacific Highway intersection, there is a large BPA Transmission pole with lines heading west and north. An alignment that curves through the S 356th Street intersection will likely have an impact to these poles/lines and require adjustment to the poles and lines. In addition, there are telecom/power poles along the east side of Pacific Highway for the length of the corridor. It is unknown whether utilities are also undergrounded within the roadway corridor, but any roadway improvement would trigger undergrounding these lines. Any stormwater systems within the roadway would also need to be reestablished with the new roadway footprint.			No known major utilities or structures that would be impacted by this alignment north of S 364th Street. Impacts south of S 364th Street are the same as SF Pacific Highway.	This alignment is in the vicinity of a fuel pipeline that runs parallel to I-5 on the east side. According to GIS map, it appears that the alignment would have sufficient distance from the pipeline for the majority of the alignment, but the southern end may be close enough to be in conflict. In addition, there are sign bridges crossing both NB and SB I-5 just south of the currently proposed alignment. These would need to be evaluated to determine whether proper sight distance is still provided. If not, the sign bridges would need to be relocated.

Table 2-2 Screening of Potential Additional Alternatives

Measure	Methodology	Performance Rating Notes				
		SF Pacific Highway (SF Enchanted Parkway - West Station)			SF I-5 to Pacific Highway (SF I-5 Station)	SF Enchanted Parkway to I-5 East (SF Enchanted Parkway Station)
		Option 1 (Guideway furthest east near Porter Way)	**Option 2** (Guideway shifts west of Option 1)	**Option 3** (Guideway west of Pacific Highway)		
SF.38: Number of sites requiring environmental remediation within the project-footprint of an alternative	Assessment of the number of sites requiring environmental remediation within the project footprint of an alternative	8 Sites potentially requiring remediation.	8 Sites potentially requiring remediation.	7 Sites potentially requiring remediation.	6 Sites potentially requiring remediation.	2 Sites requiring remediation.
SF.39: Unique construction challenges (potential for transportation, noise, vibration, and visual effects)	Assessment of temporary construction impacts to community, including potential for transportation, noise, vibration, and visual effects that could disrupt the community	Lesser amount of unique construction challenges other than constructing in and near wetland areas. The option would cross over the Hylebos Creek twice on the south end near Porter Way, requiring a structure system in place to construct without substantially impacting the ecosystem below. Construction activities could require lane closures on Pacific Highway for safety and street improvements.	Least amount of unique construction challenges other than constructing in and near wetland areas. Construction activities could require lane closures on Pacific Highway for safety and street improvements.	This alternative has potential of being closer to a residential community on the north side of SR 99 along the Fife Curve, which could result in additional noise, vibration, and visual effects on the homes. Construction activities could require lane closures on Pacific Highway for safety and street improvements.	Construction would extend through the Hylebos Creek stream and wetland areas, requiring some unique construction methodologies to avoid harmful impacts to the ecosystem. It is possible that construction falsework/bridges will need to be developed to keep the construction equipment off the ground. Construction activities could require lane closures on Pacific Highway for safety and street improvements.	Construction would require a double crossing of I-5, over active vehicular traffic. Structures will need to be put in place to allow construction to safely continue over traffic. This could result in short-term closures of lanes and/or shoulders while the structures are being put in place.
SF.40: Availability and potential to use publicly-owned right-of-way and publicly-owned property	Amount of publicly-owned ROW and publicly-owned property (individual parcels in public ownership) available per conceptual design of alignment	The Pacific Highway corridor is generally 100 ft in width, which is wide enough for the City's future roadway improvement plans. A guideway along the east or west side of the roadway would be placed within private property to allow room for road widening.			The Pacific Highway corridor is generally 100 ft in width, which is wide enough for the City's future roadway improvement plans. A guideway along the east or west side of the roadway would be placed within private property to allow room for road widening. The portion of the guideway that extends through the wetlands east of Pacific Highway would be a combination of public and private owned land, with the public (Federal Way) land containing Hylebos Creek and wetlands.	Along the west side of I-5, the guideway would be in WSDOT right-of way where possible. The I-5 crossings and supporting piers for these crossings would be within the I-5 right-of-way, with the piers in the median. Once the alignment crosses I-5, it would be within private property on the east side in order to provide sufficient width for WSDOT future compatibility.
SF.41: Capability to accommodate future expansion included in the Sound Transit Long Range Plan	Capability of station location and alignment to accommodate future expansion included in the ST Long Range Plan	Not applicable			Not applicable	Not applicable
SF.42: Assessment of operational elements (e.g., reliability based on track alignment, tail tracks and pocket track at Tacoma Dome, number of at grade crossings, if any)	Consideration of operational elements (e.g., potential reliability, track alignment, special trackwork, number of at grade crossings, if any)	No known impacts to operational elements.			No known impacts to operational elements.	No known impacts to operational elements.
SF.43: Overall schedule risk	Consideration of potential risks to schedule (i.e. potential to increase schedule)	Possible slight increase to project schedule in order to construct the additional civil improvements (roadway reconstruction of Pacific Highway and local coordination) and the additional 500 linear feet of guideway and added structures. Also potential increase to project schedule due to working within the Hylebos wetland area and lengthened construction to minimize impacts.	Possible slight increase to project schedule in order to construct the additional civil improvements (roadway reconstruction of Pacific Highway and local coordination) and the additional 500 linear feet of guideway and added structures.	Possible slight increase to project schedule in order to construct the additional civil improvements (roadway reconstruction of Pacific Highway and local coordination), and potentially a more complex bridge structure to get over the SR 167 Diverging Diamond interchange if TDLE can no longer place a column within a median area.	Increase to project schedule due to the additional 2,000 linear feet of guideway that would be built with this alternative and the additional civil improvements (roadway reconstruction of Pacific Highway and local coordination). The specialized construction methodologies through Hylebos Creek and wetland system would also add to the project schedule.	Partially within a sensitive historically mapped property boundary. A major schedule risk is due to the potential discovery of unknown resources, although prior investigation would be done to minimize the risk for unanticipated findings. Coordination and scheduling with WSDOT to construct over I-5 could potentially increase the project schedule.

Notes:
1. Station locations are in the same or nearly the same locations as the Level 2 screening . For measures that assess station-related criteria: the SF Enchanted Parkway Station is equivalent to the SF 2 West Enchanted/S 352nd results; the SF I-5 Station is equivalent to the SF 9 I-5/Jet results presented in the Level 2 Alternatives Evaluation prepared by Sound Transit in 2019.
2. SF I-5 to Pacific Highway includes the same alignment as SF Pacific Highway - Option 1 in the vicinity of Porter Way. SF I-5 to Pacific Highway could also be paired with the Option 2 and 3 alignments.

Lower Performing

Higher Performing

3 Screening Summary

Between mid-2022 and early 2023, Sound Transit met with the Puyallup Tribe of Indians and local jurisdictions to review potential additional alternatives. Through a collaborative process supported by the screening analysis (summarized in Table 2-2) and letter received from the Puyallup Tribe of Indians (Attachment 1), the SF Pacific Highway corridor is suggested for further development and study in the Draft EIS. Table 3-1 summarizes the screening.

Table 3-1 Screening Summary

Additional Alternative	Screening Summary
SF Pacific Highway (Option 1)	✓ Suggest developing conceptual design for further study.
SF Pacific Highway (Option 2)	✓ Suggest developing conceptual design for further study.
SF Pacific Highway (Option 3)	✗ Suggest removing. Stakeholders indicated Option 3 would have greater impacts to properties, including some residences.
SF I-5 to Pacific Highway	✗ Suggest removing due to greater impacts to wetlands and streams, and construction challenges across natural area.
SF Enchanted Parkway to I-5 East	✗ Suggest removing due to areas sensitive for known cultural resources

During screening activities in 2022, the Pacific Highway corridor was considered with the flexibility to develop a conceptual design on the west side, east side, or in the median.

4 Next Steps

Following the project update, Sound Transit will summarize public feedback for the Sound Transit Board. The Sound Transit Board will then identify additional alternatives to study further in the Draft EIS.

In coordination with the Puyallup Tribe of Indians and local jurisdictions, potential alignments being considered along the Pacific Highway corridor include (1) an alignment primarily on the west side of the highway and (2) an alignment along the east side and in the median of the highway. The new alignments would curve back to the I-5 corridor near Porter Way. The potential station location in South Federal Way would remain in the vicinity of Enchanted Parkway S and S 352nd Street, locations being considered would shift slightly west of Enchanted Parkway S or south of S 352nd Street along the new alignment.

Tacoma Dome
Link Extension

Attachment 1

Correspondence

Puyallup Tribe of Indians

February 6, 2023

Dow Constantine
Chair, Sound Transit Board
401 South Jackson Street
Seattle, WA 98104

RE: Sound Transit Tacoma Dome Link Extension Alternatives Comments

Dear Chair Constantine,

On behalf of Tribal Council, I would like to thank you for Vice-Chair Roscoe and Sound Transit staff on updating us on the TDLE project during your visit this past August. As we shared during our meeting, the Tribal Council must approach any project impacting our properties and reservation with caution and deference to the lasting effects. As we also shared, there is an important issue that has become an increasingly sensitive subject resonating throughout Indian Country and brings about challenges to the proposed alternatives of this project. Based on our recent meeting we have focused on providing you additional feedback on the alignments as you develop the DEIS and study the alternatives.

It was helpful to re-familiarize ourselves on the TDLE project especially with our new leadership on Council. This is particularly critical as your efforts are approaching key points in the process, such as the Draft Environmental Impact Statement (DEIS). As we shared during our meeting and as Sound Transit Vice-Chairwoman Roscoe also acknowledged the Tribe's concerns in the September 6, 2022 letter, we continue to have concerns over the alignments Sound Transit is exploring.

Our lands have already been stolen and developed largely without our input. So while we appreciate your reaching out to discuss this with us, but keep in mind this TDLE infrastructure runs directly through and across the entirety of the Puyallup Tribe Reservation; it will forever impact the reservation lands and our people. We do not take this responsibility lightly and pride ourselves in being the stewards of these lands. We have great interest and even greater concern for projects of this magnitude and the changes, both positive and negative, that they bring. As promised, we are sharing some of the concerns below so there is a clear understanding of the Tribe's viewpoint, which will be useful as we discuss the project plans in the future.

South Federal Way Alignment

The Tribe understands the preferred alternative alignment will be studied in the EIS as along with a new additional South Federal Way alternative alignment option. The Tribe previously provided letters to Sound Transit in the initial scoping phase and again at the end of the scoping period as further analysis was done. During that time, the Tribe flagged the sensitivity of the South Federal Way area and the potential impacts to cultural resources, particularly around the historical St. George's Indian Boarding School property and associated cemetery. While we hoped these impacts could potentially be minimized or outright avoided for the TDLE project, after further study we believe that is no longer possible. The Tribe has evaluated and performed additional studies of this area in collaboration with Sound Transit staff. If the preferred

3009 E. Portland Ave. **Tacoma, Washington 98404** **253/573-7800**

alternative alignment is chosen, the potential impacts to cultural resources are too high and unavoidable. Unfortunately, there is no amount of mitigation that would suffice should the project be constructed in this area; we can no longer support the preferred alternative alignment in this area. The Tribe prefers the South Federal Way Pacific Highway Alternative 2 option as it was presented during our August meeting. However, it should be noted that this alternative does impact trust lands in this area, and we would request future discussions regarding the options and impacts of each with you.

Puyallup River Crossing

During our meeting, you shared the two options you are exploring for crossing the Puyallup River including a "clear span" and "in river" pier option, both of which are being studied in the DEIS. As we shared, both options have equally high probability of impacting cultural resources. However, the Tribe strongly prefers a clear span option. The "in river" option would negatively impact our cultural and natural resources. The Tribe's traditional ceremonial grounds are located in this segment of the river and either crossing option would have lasting impacts to the adjacent lands. Of the two, the clear span option is preferred and will likely lessen potential impacts to the Puyallup River, fishing access, and water quality. Please be aware that the clear span option still has an incredibly high likelihood of encountering cultural resources and will require close coordination with THPOs. We do acknowledge the clear span presents challenges and that this alternative is still being studied. Constructing an "in river" pier option will require significant mitigation for the protracted impacts to our natural resources associated with the nature and duration of this type of work as well as for access and ensuring the safety of our Tribal Members exercising their right to fish and access the river. With that said, both options will require an easement for crossing the river, and we expect to work closely with Sound Transit to identify viable options and appropriate mitigation for all Tribal owned properties that are impacted by the project.

Fife Station Location

At the request of the Federal Transit Authority, we understand that you are adding another station location option in Fife to be studied in the DEIS. It is also our understanding that a station location closer to 54th Avenue East has been selected as an alternative. From the two options presented, a station on the West side of 54th and a station spanning 54th, the Tribe doesn't currently have a preference between the two. However due to the substantial amount of traffic in the area, and in particular on 54th Avenue East, a bicycle/pedestrian bridge should be included for either option as it would provide a safer access to the station. All of these things considered, the Tribe still favors the preferred alternative Fife station option far and above these additional station locations.

The Puyallup Tribe of Indians appreciates your planning efforts on the TDLE project and inclusion of the tribe during the process. As a parallel to the overall DEIS process, the Tribe would like to begin to discuss what mitigation would look like in relation to the project. Our lands are limited and we have fought for many decades to regain them back. We know all the alternatives being studied in the EIS will involve some level of impact to our lands and that the project, with its associated impacts, would persist on our Reservation for an indefinite amount of time. While some impacts are temporary, TDLE will forever change the landscape of the reservation. We would like to explore what opportunities Sound Transit could provide to mitigate these impacts in good faith.

Simply put, we need to understand the long-term impacts of the project and how Sound Transit plans to mitigate those impacts. We have experienced the impacts of similar projects and their legacies. The need for additional railroad lands for Northern Pacific spurred one of the largest land grabs of Tribal land. The need for the Interstate 5 project bifurcated our Reservation and desecrated graves and our sacred river. The need for shipping goods in and out of our waterways shrunk our homelands and water access yet again. These large infrastructure projects come at great cost to our community. Each of these "improvements" prevent us from ever utilizing or owning a fraction of our Reservation forever; effectively reducing our Reservation to a death by a thousand cuts. What will be needed 10, 100, 1,000 years from now? Reservation lands are so incredibly rare that we must look back on how the past has harmed our present and never repeat those mistakes again. It is our duty to our Tribal Members as their leaders to ask these questions today and for future generations who will live with the long-term effects and reflect upon them and judge our actions accordingly. The Tribe must have the self-determination to govern its lands now and in the future.

The Sound Transit system will be in place in perpetuity on our traditional lands and absent of much of our inclusion in future decision-making once Sound Transit secures what it needs from the Tribe. We are not part of the governing structure of the system and will not have a voice to articulate the ongoing impacts associated with growth and changes in the system. We must discuss what this means and what role the Tribe plays into this governance structure.

The tribe has been and will continue to provide guidance on design alternatives, such as the ones provided in this letter. Please note these comments are technical in nature and are not intended to grant any rights or serve as consent or waiver of the tribe with respect to this project. All project related impacts and concerns shall be addressed through a negotiated agreement between Sound Transit and the Puyallup Tribe of Indians.

We believe the next step is that we begin discussing the needs for necessary easements over Tribal lands and how you intend to resolve for the potential mitigation for these impacts through identifying surplus land opportunities, taxation solutions, and long-term partnership with the Tribe on the system. We look forward to identifying pathways forward that will be mutually beneficial to the project and to the Tribe.

Sincerely,

Vice Chair Sylvia Miller,
Puyallup Tribe of Indians

3009 E. Portland Ave. **Tacoma, Washington 98404** **253/573-7800**

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

TRANSPORTATION TECHNICAL REPORT

Appendix J1

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Attachments

Attachment A Transportation Methods Report
Attachment B Traffic Operations
Attachment C I-5 Clear Zone Analysis
Attachment D Parking Inventory and Impact Evaluation
Attachment E Ridership and Traffic Forecasting Memorandum

Acronyms and Abbreviations

ADA	Americans with Disabilities Act
APS	accessible pedestrian signals
BMP	best management practice
CFR	Code of Federal Regulations
EB	eastbound
EIS	environmental impact statement
FHWA	Federal Highway Administration
FWLE	Federal Way Link Extension
GIS	geographic information system
HOVs	high-occupancy vehicles
HRS	highway of regional significance
HSS	Highway of Statewide Significance
I-5	Interstate 5
I-705	Interstate 705
King County Metro	King County Department of Transportation Metro Transit Division
L.O.S.	level of service
LPI	leading pedestrian interval
Metro	King County Metro
mph	miles per hour
NB	northbound
NEPA	National Environmental Policy Act
OMF	Operations and Maintenance Facility
OMF South	Operations and Maintenance Facility South
PSRC	Puget Sound Regional Council
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SB	southbound
Sea-Tac Airport	Seattle-Tacoma International Airport
SEPA	State Environmental Policy Act
SF	South Federal Way
Sound Transit	Central Puget Sound Regional Transit Authority
SOVs	single-occupancy vehicles
SR	State Route
TDLE	Tacoma Dome Link Extension
USACE	United States Army Corps of Engineers
v/c	volume-to-capacity
VHD	vehicle hours delay
VHT	vehicle hours traveled
VMT	vehicle miles traveled
WB	westbound
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing to expand the regional light rail system south from the terminus of the Federal Way Link Extension (FWLE) at the Federal Way Downtown Station to the Tacoma Dome area in Tacoma. This project is known as the Tacoma Dome Link Extension (TDLE) project. This technical report provides a summary of the transportation conditions for the TDLE Draft Environmental Impact Statement (EIS). The transportation analysis identifies and evaluates the impacts of the project alternatives for the following transportation elements during both operations and construction:

- Regional transportation, including vehicle miles of travel, vehicle hours of travel, vehicle hours of delay, and mode share.
- Transit, including regional and local transit services, corridor and station ridership, and transit operations.
- Arterial and local streets, including corridor analysis, intersection level of service, property access, and local traffic circulation.
- Freight mobility and access.
- Nonmotorized facilities (bicycle and pedestrian) around stations as well as circulation/ connections to existing and planned networks.
- Safety (all modes).
- Public parking.
- Navigation.

This technical report discusses each transportation element individually. The discussion of each element covers the affected environment for the existing year (2019, when the data were collected) and the expected short-term (during construction) and long-term environmental impacts for the design year (2042) (comparing the No-Build Alternative with the build alternatives), including potential mitigation.

1.1 Tacoma Dome Link Extension Project

TDLE would expand the regional light rail system south from the Federal Way Downtown Station, which is the terminus of FWLE, opening in 2025–2026, to the Tacoma Dome area near the existing Tacoma Dome Station. The representative project included in the Sound Transit 3 Plan (Figure 1-1) was intended to serve as a starting point for alternatives development for TDLE. The alternatives under consideration for TDLE are discussed in detail in Chapter 2, Alternatives Considered, of the Draft EIS.

Project elements include:

- Approximately 10 miles of new dedicated guideway. Most of the guideway would be elevated, and there would be no at-grade vehicle or pedestrian crossings. The guideway extends across ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), as well as the cities of Federal Way, Milton, Fife, and Tacoma, and unincorporated Pierce County.
- New stations in South Federal Way and Fife, and two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome area).

- A new rail-only fixed-span bridge crossing the Puyallup River.
- New parking facilities with approximately 500 stalls each at the stations in South Federal Way and Fife in either surface or garage park-and-ride configurations.

The project would also include construction of multiple traction power substations (TPSS), emergency access spaces, stormwater management features, and various infrastructure realignments and upgrades. TDLE would connect Pierce and South King County residents to the regional light rail network, including direct access to Seattle-Tacoma International Airport (Sea-Tac Airport) and downtown Seattle.

1.2 Study Area

The study area for this transportation analysis includes the State Route (SR) 99 and Interstate 5 (I-5) corridors from S 320th Street in Federal Way to approximately Interstate 705 (I-705) in the City of Tacoma. Pacific Highway, which extends through the Federal Way, South Federal Way and Fife segments of the TDLE corridor, is designated as SR 99 to 54th Avenue E in Fife. SR 99 and Pacific Highway are both used in this analysis and refer to the same roadway. West of 54th Avenue E, Pacific Highway continues as a local surface street to the eastern approach of the Fishing Wars Memorial Bridge.

For purposes of review, the transportation study area was divided into four segments within the larger study area: Federal Way, South Federal Way, Fife, and Tacoma. Figure 1-2 shows the overall transportation study area and four segments. The light rail travel time between the South Federal Way and Tacoma Dome stations is anticipated to take approximately 20 minutes.

1.3 Organization of this Technical Report

In addition to Chapter 1, Introduction, this report includes the following chapters:

- Chapter 2, Methods and Assumptions, summarizes the analysis methods used to assess the alternatives in this report.
- Chapter 3, Relevant Plans, Policies, and Coordination, provides information regarding guiding regulations, plans, and policies, including agency participation in the planning and analysis process.
- Chapter 4, Affected Environment, discusses the existing 2019 transportation conditions for all elements of the transportation environment.
- Chapter 5, Long-Term Impacts, describes long-term impacts on all modes of travel for the No-Build and all build alternatives.
- Chapter 6, Construction Impacts, discusses expected impacts on all elements of the transportation environment due to project construction activities.
- Chapter 7, Indirect Impacts, describes the project impacts that could occur later in time or some distance from the project.
- Chapter 8, Potential Mitigation Measures, describes the potential measures that could be implemented to mitigate the potential effects of the project.
- Chapter 9, Cumulative Impacts, describes the potential additional cumulative transportation effects of other projects that were not included in the traffic and ridership modeling.
- Chapter 10, References, lists the sources used in preparing this report.

The following attachments support information presented in this report:

- Attachment A, Transportation Methods Report.
- Attachment B, Traffic Operations.
- Attachment C, I-5 Clear Zone Analysis.
- Attachment D, Parking Inventory and Impact Evaluation.
- Attachment E, Ridership and Traffic Forecasting Memorandum.

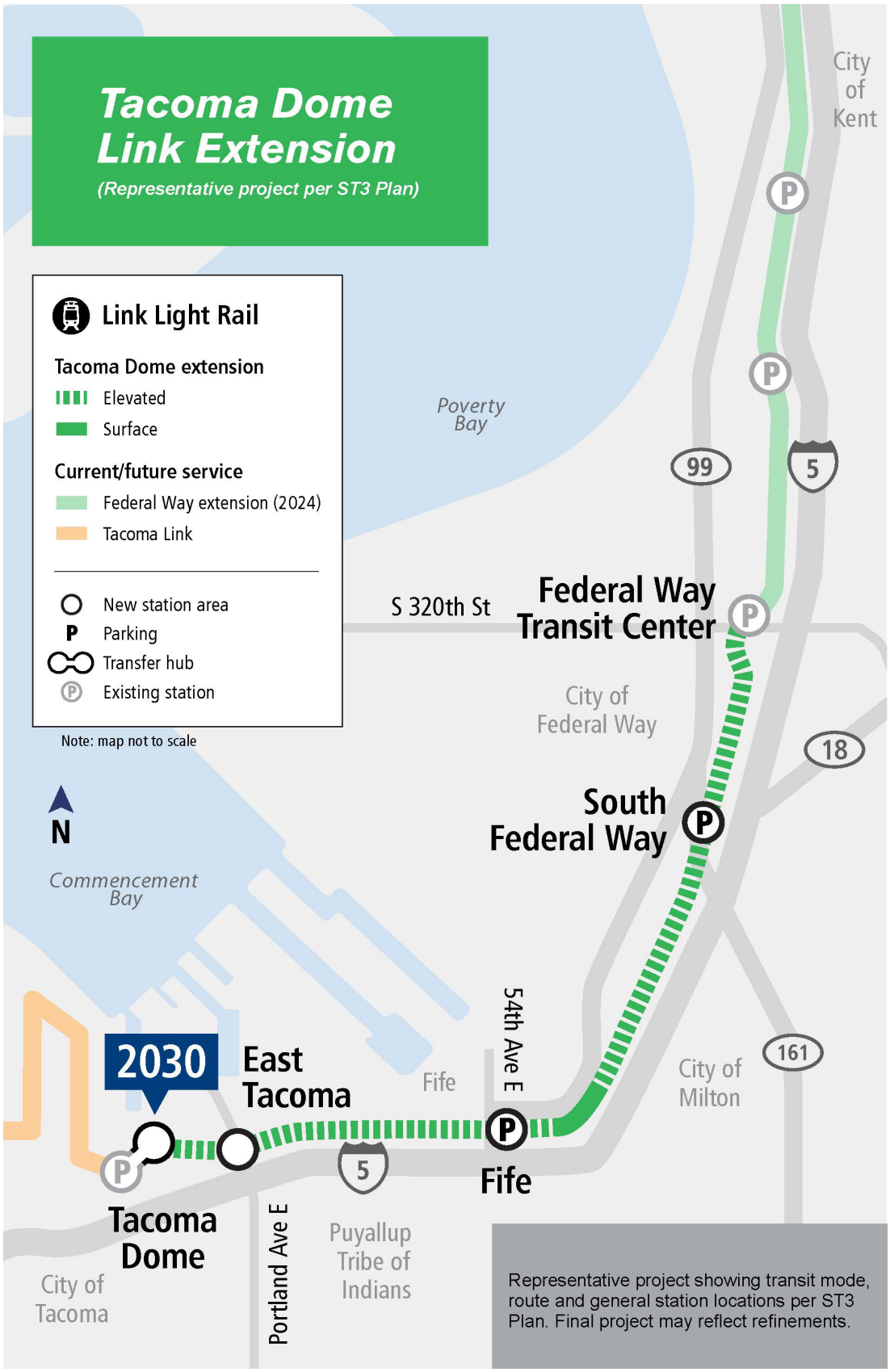

Figure 1-1 Representative Project Map (2016)

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1-2
Study Area

Tacoma Dome Link Extension

2 METHODOLOGY

The methodology and assumptions used to analyze the transportation impacts for the TDLE Draft EIS are discussed in detail in a Transportation Methods Report included in Attachment A. The following information is included in the TDLE Transportation Methods:

- Introduction.
- Guiding Regulations, Plans, and/or Policies.
- Data Needs and Sources.
- Study Area and Area of Effect.
- Affected Environment.
- Environmental Impact Analysis.
- Transportation Resource Analysis and Measures.
- Mitigation Measures.
- Proposed Figures, Maps, or Other Data.
- Documentation.
- Data Developed for Use by Other Disciplines.
- References.

3 RELEVANT PLANS, POLICIES, AND COORDINATION

3.1 Guiding Regulations, Plans, and/or Policies

The transportation analysis is guided by the following laws and regulations:

- National Environmental Policy Act (NEPA).
- State Environmental Policy Act (SEPA).
- Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Public Law 109-59.
- Title 23 of the Code of Federal Regulations (CFR) 23 Part 450 (implementing Title 23 of the United States Code, Section 111, which requires the U.S. Secretary of Transportation to approve access revisions to the Interstate System).
- 23 CFR Part 710 (Right-of-Way Regulations for Federal Assisted Transportation Programs.)
- Washington State Growth Management Act (Revised Code of Washington 36.70A.070).

In addition to the laws and regulations identified above, analysis of the local transportation impacts is guided by the policy direction established in the numerous plans or policy documents adopted by jurisdictions within the project corridor. These include, but are not limited to:

- 2016 Washington State Public Transportation Plan (WSDOT 2016).
- Washington Transportation Plan – 2040 and Beyond (Washington State Transportation Commission, 2018).
- WSDOT's Connecting Washington Package and Washington State Highway System Plan (WSDOT 2018a).
- WSDOT 2019–2022 Statewide Transportation Improvement Program (WSDOT 2019a).
- WSDOT Design Manual (M22-01.21; 2022) (WSDOT 2022).
- WSDOT Freight System Plan (WSDOT 2017).
- WSDOT Draft Rail System Plan (WSDOT 2019b).
- Sound Transit's Sound Transit 2 and Sound Transit 3 Programs (Sound Transit 2008, 2016).
- Strategic Plan for Public Transportation 2011–2021 (King County Metro 2011).
- METRO CONNECTS (King County Metro 2016).
- Destination 2040 Long Range Plan (Pierce Transit 2016).
- Transit Development Plan: 2019–2024 (Pierce Transit 2019a).
- Regional Transportation Plan – 2022–2050 (PSRC 2022).
- Puget Sound Regional Council (PSRC) VISION 2050: A Plan for the Central Puget Sound Region (PSRC 2020).

- Puget Sound Gateway Program Construction and Implementation Plan (WSDOT 2018b.)
- Comprehensive and/or Transportation Plans for the cities of Federal Way (2015), Fife (2005), and Tacoma (2010, 2015), as well as King County (2022) and Pierce County (2023).
- Tacoma Municipal Code.
- Tacoma Right-of-Way Design Manual (2016).
- Six-Year Capital Improvement Programs for the cities of Federal Way, Fife, and Tacoma, as well as King County and Pierce County.

4 AFFECTED ENVIRONMENT

This chapter describes the traffic-related operations and performance on all regional and local roadway facilities, transit (road-based and rail), freight, bicycles and pedestrians, safety, parking, and navigable waterways.

4.1 Transportation Conditions and Trends

Regional transportation modeling from the PSRC travel demand model and the Sound Transit incremental ridership model reflect conditions for the 2016 base year. The Sound Transit incremental ridership model was calibrated using observed 2016 regional transit ridership data, and estimates of regional travel measures from the travel demand model are shown in the same base year for consistency. The 2016 base year was used to forecast future transit ridership in 2042 for the build and no-build alternatives.

Prior to COVID-19 and between 2016 and 2029 Sound Transit ridership increased (Sound Transit 2017, 2019), while King County Metro ridership remained steady (King County Metro 2022), and Pierce Transit ridership experienced a modest decline (Pierce Transit 2019b). During the COVID-19 pandemic, transit ridership experienced a sudden and dramatic decline across all modes and agencies. Since 2020, transit ridership on Sound Transit, King County Metro, and Pierce Transit services continues to recover, but remains lower than pre-pandemic 2019 ridership for all three agencies as of 2024 (APTA 2020, 2024). Since the incremental ridership model was calibrated based on observed transit data in 2016 and trends in regional transit ridership remains lower than 2019 ridership, continue to change, the 2016 base year still provides the most meaningful base year from which to forecast future transit ridership in 2042.

Analysis of existing conditions and traffic on arterials and local streets uses 2019 observed traffic counts on roadway segments and at intersections along the TDLE corridor. Traffic on regional and local roadways experienced a decline during the height of the COVID-19 pandemic in 2020. The decline in overall traffic volumes on regional roadways, such as I-5 and Pacific Highway, was pronounced but have returned, as of 2023, to levels similar to the pre-pandemic 2019 average annual daily traffic (ADT) figures. In the TDLE study area, WSDOT annual counts for northbound and southbound traffic on Pacific Highway and I-5 are shown in Table 4-1. This WSDOT count information is similar to traffic volumes on major regional roadways used for analysis in the Draft EIS based on the observed traffic data and regional estimates. Since the ADT counts in 2023 are similar to 2019, the traffic analysis generally reflects current conditions as of 2023 and is therefore appropriate to use for the TDLE technical analysis.

Table 4-1 2019 and 2023 Estimated Traffic Volumes

Regional Roadway	Segment	Location	2019 Average Daily Traffic (ADT)	2023 Average Daily Traffic (ADT)
I-5	Federal Way Segment	North of SR 18	188,000	185,000
I-5	South Federal Way Segment	South of SR 18 Off-Ramps	142,000	140,000
I-5	Fife Segment	East of 54th Avenue E/SR 99 On-Ramp	195,000	193,000
I-5	Tacoma Segment	East of SR 705/SR 7 Off-Ramp	230,000	228,000
Pacific Highway	Federal Way Segment	North of 16th Avenue S	33,000	34,000
Pacific Highway	South Federal Way Segment	South of SR 18	26,000	27,000
Pacific Highway	Fife Segment	East of 54th Avenue E	24,000	25,000

Source: WSDOT 2024

4.2 Regional Transportation

This section describes the existing regional transportation within the study segments including descriptions of the regional roadways, regional travel measures for 2016, and screenline operations in 2016.

4.2.1 Regional Roadways

4.2.1.1 Existing Regional Roadways

The TDLE roadway network includes regional roadways, including highways and arterials that connect the TDLE study area to the region's major population and employment areas. All study segments are served by I-5, which is a north-south facility in Federal Way and an east-west facility in Fife and Tacoma. In addition to I-5, regional roadways throughout the study segments include SR 18, SR 161, SR 509, Pacific Highway (SR 99), SR 167, SR 7, and I-705.

Table 4-2 summarizes the regional roadway, roadway classification, number of travel lanes, speed limits, average daily traffic ranges, and nonmotorized facilities within the study area.

Table 4-2 Existing Major Freeway and Highway Facilities

Regional Roadway	Roadway Classification	Number of Travel Lanes	Speed Limit (mph)	2019 Average Daily Traffic (ADT)[1]	Bicycle Lanes[1]	Pedestrian Facilities[2]
I-5	Interstate	7-10	60	188,000 – Federal Way 202,700 – South Federal Way 198,000 – Fife 214,000 – Tacoma	No	No
SR 18	Freeway/ Principal Arterial	4-6	35-60	70,000 – east of SR 161 45,000 – west of SR 161	No	Yes, west of SR 161
SR 161	Principal Arterial	4-5	40	41,000	Partial	Yes

Table 4-2 Existing Major Freeway and Highway Facilities (continued)

Regional Roadway	Roadway Classification	Number of Travel Lanes	Speed Limit (mph)	2019 Average Daily Traffic (ADT)[1]	Bicycle Lanes[1]	Pedestrian Facilities[2]
SR 509	Freeway/ Expressway	4	60	31,000 – Fife	No	No
Pacific Highway (SR 99)	Principal Arterial	4-6	40-45	33,000 – Federal Way 28,000 – South Federal Way 27,000 – Fife	Partial	Partial
SR 167	Freeway/ Principal Arterial	4	35-60	29,000	No	No
SR 7	Freeway	6-8	55	26,000	No	No
I-705	Freeway	4-6	60	42,000	No	No

Source: Parametrix; WSDOT 2024

Notes:

(1) Partial bicycle lane indicates that a striped shoulder is present without sharrows in either one or both directions of travel.

(2) Partial pedestrian facility indicates that a striped shoulder or sidewalk is provided on only one side of the roadway.

I-5: Within the TDLE study area, I-5 is classified as an Urban Interstate and a Highway of Statewide Significance (HSS) by WSDOT. I-5 is the primary north-south limited-access corridor for local, regional, interstate, and international personal travel and commerce and has a posted speed limit of 60 miles per hour (mph) within the study area. Travel lanes on I-5 range from eight to 10 lanes depending on the study segment. There are five interchanges along I-5 in the TDLE study area at the following locations:

- S 348th Street/SR 18/SR 161 in Federal Way.
- 54th Avenue E in Fife.
- Port of Tacoma Road in Fife.
- E Portland Avenue and SR 167 (E Bay Street/River Road E) in Tacoma.
- I-705 and E 26th Street in Tacoma.

SR 18: SR 18 is an almost 30-mile-long state highway serving southeastern King County. In the study area, SR 18 begins at Pacific Highway in South Federal Way and provides connections to I-5, SR 167, SR 164, SR 169, and I-90 to the northeast. SR 18 is classified as an Urban Other Freeway/Expressway by WSDOT and has a posted speed limit of 60 mph east of SR 161 and 35 mph between Pacific Highway and SR 161. SR 18 has six travel lanes at the intersection with SR 161 but narrows to four lanes farther east. SR 18 is also classified as an HSS by WSDOT.

SR 161: SR 161 is an approximately 35-mile-long state highway serving Pierce and King counties. This highway is a regional facility that provides connections from South Federal Way to Milton and Puyallup. SR 161 is located within the South Federal Way Segment and begins south of the SR 18/16th Avenue S intersection. SR 161 is designated by WSDOT as a highway of regional significance (HRS). The posted speed limit ranges from 35 to 45 mph, and travel lanes range from four to six.

SR 509: SR 509 is a 35-mile-long state highway extending from I-705 in Tacoma to SR 99 south of downtown Seattle. It can be accessed via the local network in Fife and Tacoma at 54th Avenue E, Alexander Avenue E, Port of Tacoma Road, and E Portland Avenue. SR 509 is a WSDOT facility with an Urban Other Freeway/Expressway classification in the TDLE study area, and also serves a substantial volume of Port of Tacoma related traffic. The posted speed limit varies between 25 and 60 mph. The number of lanes varies between two and four in the study area.

Pacific Highway (SR 99): Pacific Highway, also designated as SR 99, is a 49-mile-long state highway from Everett to Fife. Pacific Highway, which extends through the Federal Way, South Federal Way and Fife segments of the TDLE corridor, is designated as SR 99 to 54th Avenue E in Fife. SR 99 and Pacific Highway are both used in this analysis and refer to the same roadway. West of 54th Avenue E, Pacific Highway continues as a local surface street to the eastern approach of the Fishing Wars Memorial Bridge. Pacific Highway provides direct access to the local network and destinations throughout the study area. Pacific Highway primarily accommodates north-south travel and portion designated SR 99 is classified by WSDOT as an Urban Other Principal Arterial roadway and HSS. The posted speed limit ranges from 35 to 45 mph, and travel lanes on Pacific Highway range from four to six lanes.

SR 167: SR 167, commonly known as the Valley Freeway, is an almost 30-mile-long state highway from I-5 in Tacoma to I-405 in Renton. The limited-access segment of SR 167 currently terminates in Puyallup southeast of the project study area. In the TDLE study area, SR 167 continues west along River Road E as a managed-access highway with an interchange just east of E Portland Avenue. The highway is designated as an HSS along the managed-access section along River Road E. The travel lanes on SR 167 diverge just north of Pioneer Way E, with northbound lanes continuing to E 26th Street and southbound lanes continuing from the I-5 ramp interchange. Two travel lanes in each direction are provided on SR 167 with a posted speed limit ranging between 35 and 45 mph.

SR 7: SR 7 is an almost 60-mile-long state highway serving Pierce and Lewis counties from Tacoma to Morton. Within the TDLE study area, this highway is a regional facility that connects the north and south sections of the Tacoma Segment near the Tacoma Dome. At its northern end, the highway begins as a limited-access roadway that extends from the I-5/I-705 interchange about 0.75 mile south to an interchange with S 38th Street. The northbound and southbound travel lanes of SR 7 are separated by 200 feet by a former rail line. SR 7 is designated an HSS by WSDOT. SR 7 maintains three to four travel lanes in each direction and has a posted speed limit of 55 mph.

I-705: I-705 is classified as an Urban Interstate and an HSS by WSDOT and is a spur route of I-5 in Tacoma. I-705 is the primary north-south limited-access corridor for local and regional travel into the downtown Tacoma area. I-705 extends roughly 1.5 miles from the I-5 interchange into downtown Tacoma. Travel lanes on I-705 range from four to six, with a posted speed limit of 60 mph. There are two interchanges along I-705 within the study area, one at E 26th Street and the second at SR 509/S 21st Street.

Local roadways and arterials throughout the four segments are described and inventoried in Section 4.3.1.

4.2.2 Regional Travel Measures

The regional travel measures of vehicle miles traveled (VMT), vehicle hours traveled (VHT), and vehicle hours delay (VHD) are used to summarize regional travel patterns across the Puget Sound region and are primarily useful for comparison purposes between existing and future conditions (summarized in Section 5.1) with and without the proposed TDLE. Table 4-3 summarizes existing conditions in 2016 for VMT, VHT, and VHD as estimated by the regional travel demand model. The Sound Transit incremental ridership model was calibrated from 2016 regional transit ridership data, and estimates of regional travel demand are shown in the same 2016 base year for consistency in regional and screenline estimates.

Table 4-3 Existing 2016 Regional Travel Measures – Daily VMT, VHT, and VHD by Mode

Mode of Travel	Vehicle Miles Traveled	Vehicle Hours Traveled	Vehicle Hours Delay
Passenger Vehicles	79,500,000	2,800,000	735,700
Heavy Trucks	9,000,000	260,000	82,300
Transit	205,000	15,000	2,600
Total	89,000,000	3,100,000	820,600

Source: PSRC Travel Demand Model – Base Forecast Scenario 2016, data rounded by Fehr & Peers April 2020

4.2.3 Screenline Traffic Volume Performance

Screenlines are imaginary lines drawn across major roadways within the study area. Data at these screenlines provide a snapshot of traffic conditions (such as volumes, roadway volume/ capacity ratios, and vehicle mode share) along the corridor. Five regional screenlines were evaluated to assess regional north-south and east-west travel along the project corridor. The five regional screenlines provide a regional snapshot of traffic operations using the PSRC regional travel demand models for passenger vehicle travel and the Sound Transit model for transit travel in the 2016 base year, including daily vehicle volumes, roadway/segment volume-to-capacity (v/c) ratios, and vehicle mode share, which separates vehicle travel by single-occupancy vehicles (SOVs), high-occupancy vehicles (HOVs) (two or more occupants), and transit. The v/c ratio is a measurement of the operating capacity of the roadway, where the number of vehicles passing through the segment is divided by the number of vehicles that could theoretically pass through that segment when at capacity. Capacity deficiencies can materialize when roadway v/c ratios begin to exceed 0.9. A v/c ratio above 1.0 indicates that vehicle demand exceeds the roadway capacity and resulting congestion could impede the efficient movement of vehicles.

Figure 4-1 shows the screenline locations contained in the four segments.

- Screenline #1: East-west crossing, located approximately along S 360th Street.
- Screenline #2: North-south crossing, located near 54th Avenue E.
- Screenline #3: North-south crossing, along Puyallup River.
- Screenline #4: North-south crossing, located approximately near East L Street.
- Screenline #5: East-west crossing, located approximately along S 48th Street.

The screenlines were evaluated using the PSRC regional travel demand models for passenger vehicle travel and the Sound Transit model for transit travel. The 2016 PM peak hour traffic volumes and v/c ratios for the five screenline locations within the study area are summarized in Table 4-4.

Table 4-4 Existing 2016 PM Peak Hour Screenline Performance

Screenline	Direction	PM Peak Hour Vehicle Volumes	PM Peak Hour Volume/ Capacity Ratio
Screenline #1: East-West South of Federal Way	Northbound	16,900	0.64
	Southbound	27,300	1.03
Screenline #2: North-South in Fife	Eastbound	11,500	0.71
	Westbound	15,000	0.90
Screenline #3: North-South at Puyallup River	Eastbound	8,700	0.73
	Westbound	13,400	1.15
Screenline #4: North-South near Tacoma Dome	Eastbound	9,500	0.67
	Westbound	13,100	0.76
Screenline #5: East-West at S 48th Street	Northbound	16,100	0.52
	Southbound	24,800	0.73

Source: PSRC Travel Demand Model – Base Forecast Scenario 2016, volumes rounded by Fehr & Peers April 2020

As shown in Table 4-3, three of the five screenlines (Screenlines #1, #2, and #3) have directional volumes at or close to capacity during the PM peak hour, which indicates substantial congestion in the southbound direction (the peak direction in the PM peak hour).[1] This level of congestion is expected during the PM peak period as commuters are leaving large employment centers, such as downtown Seattle north of the study segments. The other two screenlines (Screenlines #4 and #5) do not exhibit the same level of congestion, with v/c ratios below 0.8 across the entire screenline. Congestion does exist in the area, especially along I-5 due to heavy merging and diverging traffic and impacts from the SR 16 and I-705 interchanges in Tacoma. All v/c ratios in the southbound/westbound direction, the peak direction of travel during the PM peak hour, are higher than the corresponding northbound/eastbound v/c ratios at each individual screenline (off-peak direction during the PM peak hour).

The northbound/eastbound direction of travel does not currently show the same level of congestion across all screenlines as the southbound/westbound direction of travel.[2] This indicates on aggregate that these major roadways (Pacific Highway, I-5, SR 509, and SR 167) have available capacity in the northbound/eastbound direction of travel during the PM peak hour.

4.2.4 Screenline Mode of Travel

Table 4-5 shows the total person demand and their mode of travel at the five screenline locations during the PM peak hour from the regional travel demand models. More than 63 percent of the northbound traffic and about 60 percent of the southbound traffic are SOV across all screenlines. High-occupant vehicles account for about 33 percent of northbound traffic and nearly 36 percent of southbound traffic. Approximately 6 percent of southbound traffic and less than 2 percent of northbound traffic is attributed to transit. The mode share for persons

[1] The data used in the regional traffic analysis was provided from the regional travel demand model. This model only evaluates the PM peak period because this is the period of the day when traffic volumes are highest and congestion is greatest. Therefore, the analysis included in the Draft Environmental Impact Statement is reported for the PM peak period.

[2] It should be noted that while I-5 only provides north-south travel, it's configuration through the Fife-area is east-west. Therefore, northbound/eastbound and southbound/westbound are used to describe travel along I-5 in some parts of the study area.

in the AM peak hour would be similar to the PM peak hour, with northbound/eastbound being the peak direction of travel in the morning.

Table 4-5 Existing 2016 PM Peak Hour Mode Share

Screenline	Direction	Travel Mode Share Total Persons	Travel Mode Share SOV	Travel Mode Share HOV	Travel Mode Share Transit
Screenline #1: East-West South of Federal Way	Northbound	24,500	63%	36%	1%
	Southbound	40,500	58%	37%	5%
Screenline #2: North-South in Fife	Eastbound	16,200	69%	30%	1%
	Westbound	21,600	63%	34%	3%
Screenline #3: North-South at Puyallup River	Eastbound	12,400	67%	32%	1%
	Westbound	19,300	61%	36%	3%
Screenline #4: North-South near Tacoma Dome	Eastbound	13,100	70%	28%	2%
	Westbound	19,100	62%	32%	6%
Screenline #5: East-West at S 48th Street	Northbound	22,400	63%	36%	1%
	Southbound	35,200	60%	35%	5%

Source: PSRC Travel Demand Model and Sound Transit Incremental Ridership Model – Base Forecast Scenario 2016, modified by Fehr & Peers April 2020

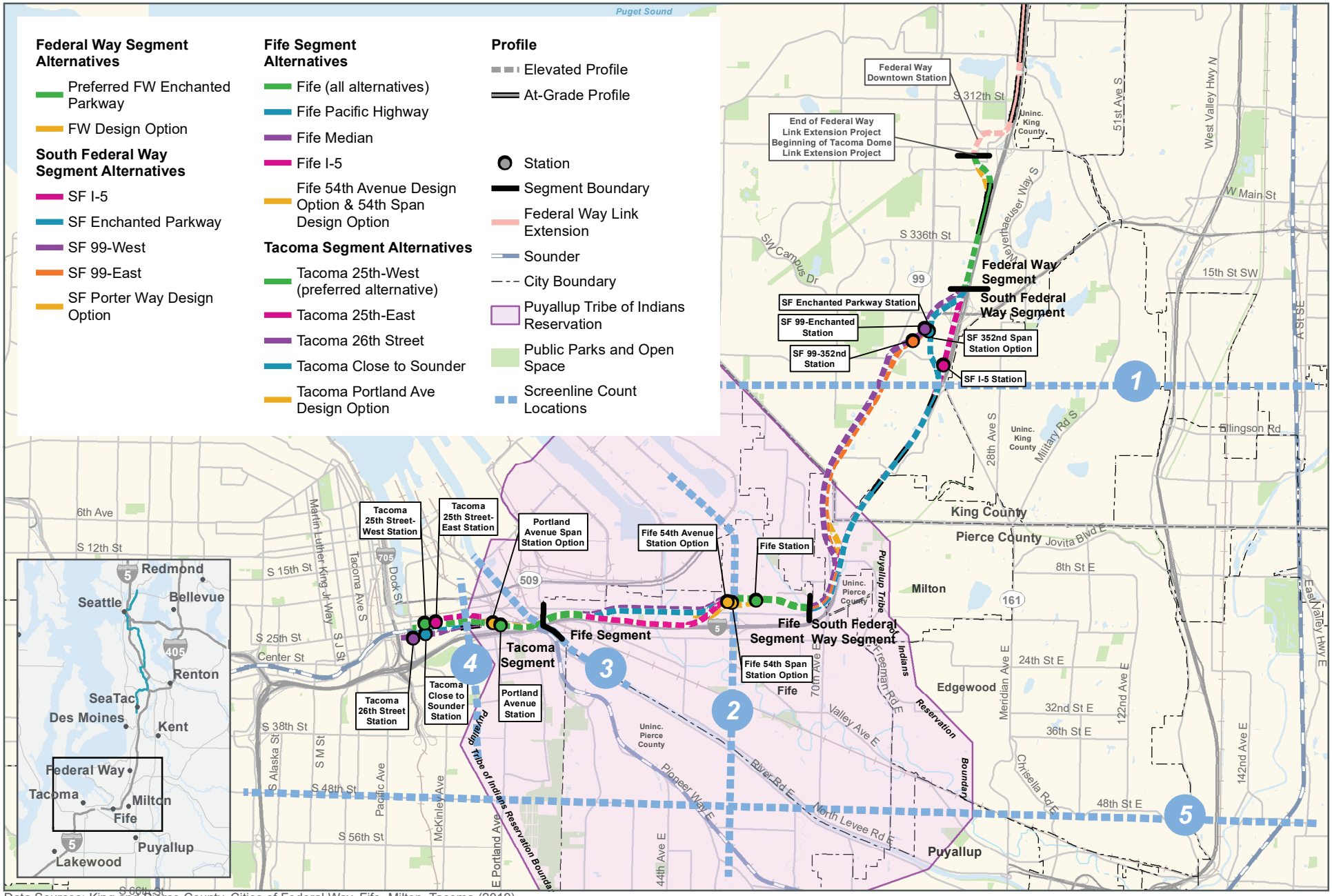

FIGURE 4-1
Screenline Count Locations

Tacoma Dome Link Extension

4.3 Transit Operations

This section inventories and evaluates existing regional and local transit facilities, operations, and services within the study area.

King County Metro (Metro), Pierce Transit, and Sound Transit provide transit service in the study areas with regional and local bus fixed-route, Sounder commuter rail, and T Line light rail service to transit centers, park-and-rides, and bus stops. Table 4-6 shows the current daily boardings and transit trips served by regional transit for the entire Sound Transit three-county transit district. The regional transit system serves riders with over 600,000 daily boardings.

Table 4-6 2016 Weekday Transit Ridership

	2016[2]
Total Regional Daily Transit Trips[1]	467,000
Total Regional Daily Transit Boardings[3]	605,000
Total Regional Link Boardings[3]	70,000

Source: Ridership & Traffic Forecast Technical Memorandum, Fehr & Peers April 2020

Notes:

(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, Central and T Line services, and the Seattle Streetcar.

(2) The Sound Transit Ridership model was calibrated for 2016 as the base or existing year and boardings in that year are included for reference.

(3) Boardings count each time a passenger boards a transit vehicle; passengers who transfer between transit lines in a single trip count as multiple transit boardings. Transit boardings include all boardings on bus, Sounder, Central and T Line services, and the Seattle Streetcar. Regional Link Boardings include boardings on Central and T Line services only.

Regional transit ridership from 2016 was used to calibrate the Sound Transit incremental ridership model to project potential transit ridership to 2042. The description of existing transit service and connections at transit centers and park-and-rides in the following sections presents more recent 2020 service information. The following sections discuss 2016 ridership in the context of recent (2019–2024) traffic, transit service, and conditions at transit facilities.

4.3.1 Transit Centers and Park-and-Rides

Transit centers and park-and-ride facilities are the major transit facilities within the TDLE study area. Park-and-rides in the study area include the Federal Way Downtown Station, Federal Way/S 320th Street Park and Ride, South Federal Way Park and Ride, and Tacoma Dome Station, which includes two park-and-ride structures. In addition to those listed, Metro and Pierce Transit partner with churches or unaffiliated parking lots in the area to provide more available parking.

Pierce Transit and Sound Transit provide transit service to facilities in King and Pierce counties. Metro provides bus service to facilities in King County only. Metro provides local and express bus service and Pierce Transit provides local service in the Federal Way and South Federal Way segments. Pierce Transit also provides local service in the South Federal Way, Fife, and Tacoma segments.

The T Line provides service within the City of Tacoma between the Tacoma Dome Station and the Theater District. Sound Transit's Regional Express buses and Sounder commuter trains provide regional service within the Tacoma study area to destinations in Pierce and King

counties. Table 4-7 lists the existing transit facilities in the study area. A total of approximately 3,700 park-and-ride spaces are currently provided at the transit facilities in the study area.

Table 4-7 Study Area Transit Centers and Park-and-Rides

Transit Facility	Type of Facility	Rider Amenities	Served by Routes	Park-and-Ride Stalls	Utilization
Federal Way Downtown Station	Transit center and park-and-ride	Bicycle lockers and racks, ORCA vending machines	King County Metro: RapidRide A Line, 177, 179, 181, 182, 183,187, 193, 187, DART 901, DART 903 Sound Transit: 574,577, 501 Pierce Transit: 402, 500, 501	1,190	69%[1]
Federal Way/ S 320th Street Park and Ride	Park-and-ride	Bicycle lockers	King County Metro 177, 178, 193	877	30%[1]
South Federal Way Park and Ride (S 348th Street west of SR 99)	Park-and-ride	None	King County Metro 178 and 182	515	19%[2]
Tacoma Dome Station	Transit center and park-and-ride	Permit parking, ticket vending machines, bicycle lockers and racks	Sound Transit 574, 586, 590, 594, Sounder, T Line Pierce Transit 13, 41, 42, 102, 400, 500, 501 Amtrak Greyhound Bus Service FlixBus	2,337	99%[3]

Notes:
(1) WSDOT Annual Park-and-Ride Utilization 2019
(2) Field visit conducted February 25, 2020
(3) Sound Transit Parking Utilization, August 2019

4.3.2 Transit Service

4.3.2.1 Regional and Local Bus Service

As of 2023, 16 bus routes serve destinations in the TDLE study area, including local and regional service provided by Sound Transit, Metro, and Pierce Transit. A mix of routes connect the study area communities to regional destinations including downtown Tacoma, downtown Seattle, Sea-Tac International Airport, the University of Washington Seattle campus, and the Federal Way Downtown Station. Bus frequency and hours of service are discussed below in Section 4.2.4, Transit Levels of Service. In the study area, peak-only service is provided northbound in the morning and southbound in the evening. During the peak periods, the number of buses and routes operating in the peak direction are greater than the number of buses operating in the opposite “reverse-peak” direction.

In the Federal Way Segment, Metro provides three peak-only routes (Routes 177/178, Route 182, Route 193), all of which provide service to the Federal Way/S 320th Street Park and Ride. Routes 177 and 178 provide service between the Federal Way S/320th Street Park and Ride and downtown Seattle along the same alignment; however, Route 178 begins at the South

Federal Way Park and Ride. Route 178 provides 15- to 30-minute headways (how often a vehicle passes by a point along the route). When combined beginning at the Federal Way/S 320th Street Park and Ride, the AM headways are as low as 6 minutes. Route 193 provides service between the Federal Way/S 320th Street Park and Ride and First Hill. Route 182 provides all-day service between northeast Tacoma and the Federal Way Transit Center, with peak headways of 20 to 60 minutes and off-peak headways of 60 minutes. It serves the South Federal Way Park and Ride. Pierce Transit Route 402 provides all-day service between Puyallup, Milton, and south Federal Way with 30-minute headways.

In the South Federal Way and Fife segments, Routes 500 and 501 provide all-day service with 30- and 60- minute headways, respectively, between south Federal Way, Milton, Fife, and Tacoma. Pierce Transit is the only bus transit provider in the Fife Segment.

Within the Tacoma Segment, Sound Transit's Regional Express buses have average headways that range between 5 and 30 minutes in the peak periods. Sound Transit Route 590 between the Tacoma Dome and downtown Seattle has the most frequent service, with headways of 5 to 8 minutes during the AM peak and PM peak periods. Route 594, which begins at Lakewood Station, provides off-peak service along the same route with 15- to 30-minute headways. Route 586 is a peak-only service between the Tacoma Dome and the University of Washington Seattle campus, with northbound headways of 9 to 34 minutes during the AM peak and southbound headways of 30 minutes in the PM peak. Because it primarily serves the University of Washington, the service span for this route is different from traditional peak operations, with northbound service from 5:15 to 9 a.m. and southbound service from 2:30 to 7:20 p.m. Route 574 provides all-day service between the Lakewood Transit Center and Sea-Tac Airport, with 20- to 30-minute headways. The service span for this route is designed to coincide with shifts at Sea-Tac Airport and operates from 2:15 to 12:40 a.m. Almost all Pierce Transit service in the Tacoma study area provides local connections, with 30- to 60-minute headways all day, with the exception of Route 102, which provides peak-only service between Gig Harbor and the Tacoma Dome.

Existing bus routes within the study area are listed in Tables 4-8 and 4-9.

Table 4-8 Bus Transit Serving the Federal Way, South Federal Way, and Fife Segments

Route	Service Period	Peak Headway	Off-Peak Headway	Service Area
Metro 177/178	Peak	5-30	-	Federal Way/S 320th Park and Ride, Downtown Seattle/South Federal Way Park and Ride, Federal Way/S 320th Park and Ride, Downtown Seattle
Metro 182	Daily	20-60	60	Northeast Tacoma, South Federal Way Park and Ride, Federal Way Transit Center
Metro 193	Peak	15-30	-	Federal Way/S 320th Park and Ride to First Hill
PT 402	Daily	30	30	South Hill, Puyallup, Milton, Federal Way Transit Center
PT 500	Daily	30	30	Tacoma, Fife, Milton, Federal Way
PT 501	Daily	60	60	Tacoma, Fife, Milton, Federal Way

Source: Pierce Transit schedule data 2020; King County Metro schedule data 2020

Table 4-9 Bus Transit Serving the Tacoma Segment

Route	Service Period	Peak Headway	Off-Peak Headway	Service Area
PT 13	Daily	60	60	University of Puget Sound, Tacoma Dome
PT 41	Daily	30	30	Tacoma Mall, 72nd Street Transit Center (South Tacoma), Tacoma Dome Station
PT 42	Daily	30	30	Tacoma Dome, Eastside/McKinley
PT 102	Peak	15-45	-	Gig Harbor, Tacoma Dome
PT 400	Daily	30	30	Puyallup, Downtown Tacoma
PT 500	Daily	30	30	Tacoma, Fife, Milton, Federal Way
PT 501	Daily	60	60	Tacoma, Fife, Milton, Federal Way
ST 574	Daily	30	20-30	Lakewood to SeaTac Airport
ST 586	Peak	10-30	-	Tacoma, University District
ST 590/594	Daily	5-10	30	Lakewood, Tacoma, Seattle

Source: Pierce Transit schedule data 2020, Sound Transit schedule data 2020

Greyhound provides long-distance service to destinations throughout the United States from the transit center at Tacoma Dome Station. Bolt Bus provided service between Vancouver, British Columbia, and Eugene, Oregon, with service to Tacoma accessed at the Greyhound bus station; however, service ceased in July 2021. FlixBus currently provides a similar range bus service to Tacoma Dome Station.

4.3.2.2 Sounder

Sound Transit operates Sounder commuter rail between Lakewood/Tacoma and Seattle, with a stop at the Tacoma Dome Station in the Tacoma Segment. Trains operate northbound and southbound, with a total of 13 trips per day at the Tacoma Dome Station in each direction on weekdays, and eight of these weekday trips in each direction serve stations south of Tacoma Dome. Northbound morning trains operate every 20 to 30 minutes between 4:30 and 8 a.m., and three afternoon trains operate between 4 and 5:15 p.m. every 30 to 45 minutes. An additional northbound train provides midmorning (10:30 a.m.) service to Seattle. Three southbound morning trains operate between 7 and 9 a.m. (every 30 to 75 minutes), and 10 southbound trains operate in the afternoon from 3:30 to 7:30 p.m. (every 13 to 45 minutes). A second Sounder commuter rail line operates between Everett and Seattle.

4.3.2.3 T Line

Sound Transit operates the T Line, which provides service between the Tacoma Dome Station and the Saint Joseph Medical Center in the Hilltop neighborhood. Stations along the route serve the University of Washington Tacoma campus, Tacoma Convention Center, and MultiCare Tacoma General Hospital. The T Line operates between 5 a.m. and 10:30 p.m. on weekdays, with service every 12 minutes between 6:30 a.m. and 8 p.m. and every 24 minutes before 6:30 a.m. and after 8 p.m. in both the southbound and northbound directions on weekdays. Service is provided every 12 minutes on Saturdays and every 24 minutes on Sundays; however, the span of service on weekends is shorter than on weekdays. There are no existing fares to ride the T Line.

4.3.2.4 Amtrak

Amtrak provides long-distance intercity and state-supported rail service, with a stop in Tacoma near the Tacoma Dome. Amtrak operates two routes that pass through the Tacoma Segment. The Amtrak Cascades (state-supported) route provides service between Vancouver, British Columbia, and Eugene, Oregon. Meanwhile, the Coast Starlight (long-distance) route provides service between Seattle and Los Angeles, California. The Tacoma Amtrak station was relocated to a newly constructed station within Freighthouse Square, located north of Tacoma Dome on E 25th Street, when train service began on the Point Defiance Bypass segment via DuPont in 2021. There is one daily round trip of the Coast Starlight route and four daily round trips of the Amtrak Cascades route. WSDOT is developing a Service Development Plan for Amtrak Cascades for potential service improvements, including additional trains at the Tacoma Dome Station.

4.3.3 Screenline Performance

The 2016 PM peak period transit ridership for all modes at the study area screenlines is presented in Table 4-10.

Table 4-10 Existing 2016 PM Peak Period Transit Ridership by Screenline Location

Screenline Location	Direction	Existing
Screenline #1: East-West South Federal Way	NB	130
	SB	1,420
Screenline # 2: North-South Fife	EB	100
	WB	460
Screenline #3: North-South Puyallup River	EB	90
	WB	460
Screenline #4: North-South Tacoma Dome	EB	160
	WB	850
Screenline #5: East-West S 48th Street	NB	160
	SB	1,320

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario 2016, modified by Fehr & Peers April 2020

Notes: EB – eastbound; NB – northbound; SB – southbound; WB - westbound

4.3.4 Transit Levels of Service

Transit level of service (L.O.S.) performance measures for service frequency, hours of service, passenger load, and reliability were analyzed for the PM peak period, unless otherwise noted. Transit L.O.S. is assessed with four performance measures: service frequency, hours of service, passenger load, and reliability. For transit L.O.S. performance, L.O.S. A indicates frequent peak-period service, more hours served during the day, high on-time performance, and minimal passenger crowding in a transit vehicle. Conversely, L.O.S. F indicates infrequent or irregular service, minimal service hours, poor reliability, and passenger crowding in the vehicle. Unless noted, existing transit levels of service were assessed for bus service only.

4.3.4.1 Service Frequency

Service frequency L.O.S. is the number of times within the PM peak hour that a bus or light rail train stops at a specific location. Shorter transit headways minimize transit rider wait times, resulting in better service frequency L.O.S. Transit routes that have headways of less than 10 minutes are considered L.O.S. A, whereas headways longer than 60 minutes reflect L.O.S. F. Table 4-11 shows thresholds for each transit L.O.S. level.

Table 4-11 Service Frequency Transit L.O.S. Thresholds

L.O.S.	Average Headway (minutes)	Vehicles per Hour	Comments
A	<10	>6	Passengers do not need schedules
B	10-14	5-6	Frequent service, passengers consult schedules
C	15-20	3-4	Maximum desirable time to wait if bus/train missed
D	21-30	2	Service unattractive to choice riders
E	31-60	1	Service available during the hour
F	>60	<1	Service unattractive to all riders

Source: Transit Capacity and Quality of Service Manual

Most of the study area does not have direct bus service connecting the corridor communities to major regional destinations such as Sea-Tac International Airport or downtown Seattle. Most routes operate with PM peak period service headways of 21 minutes or longer (L.O.S. D or worse). The exception is service from downtown Seattle to Tacoma, which operates with a PM peak period service headways of 5 to 8 minutes (L.O.S. A or B). Figure 4-2 provides a summary of the PM peak period transit service frequencies by L.O.S.

4.3.4.2 Hours of Service

Hours of service L.O.S. is the total transit operating hours provided within a 24-hour (daily) period. Hours of service L.O.S. is intended to measure the availability of transit service to riders and potential users. The longer that transit service is provided throughout the day, the better the L.O.S. Table 4-12 shows the thresholds for each L.O.S. level.

Table 4-12 Hours of Service Transit L.O.S. Thresholds

L.O.S.	Hours of Service	Comments
A	19-24	Night or “owl”
B	17-18	Late evening service provided
C	14-16	Early evening service provided
D	12-13	Daytime service provided
E	4-11	Peak hour service only or limited midday service
F	0-3	Very limited or no service

Source: Transit Capacity and Quality of Service Manual

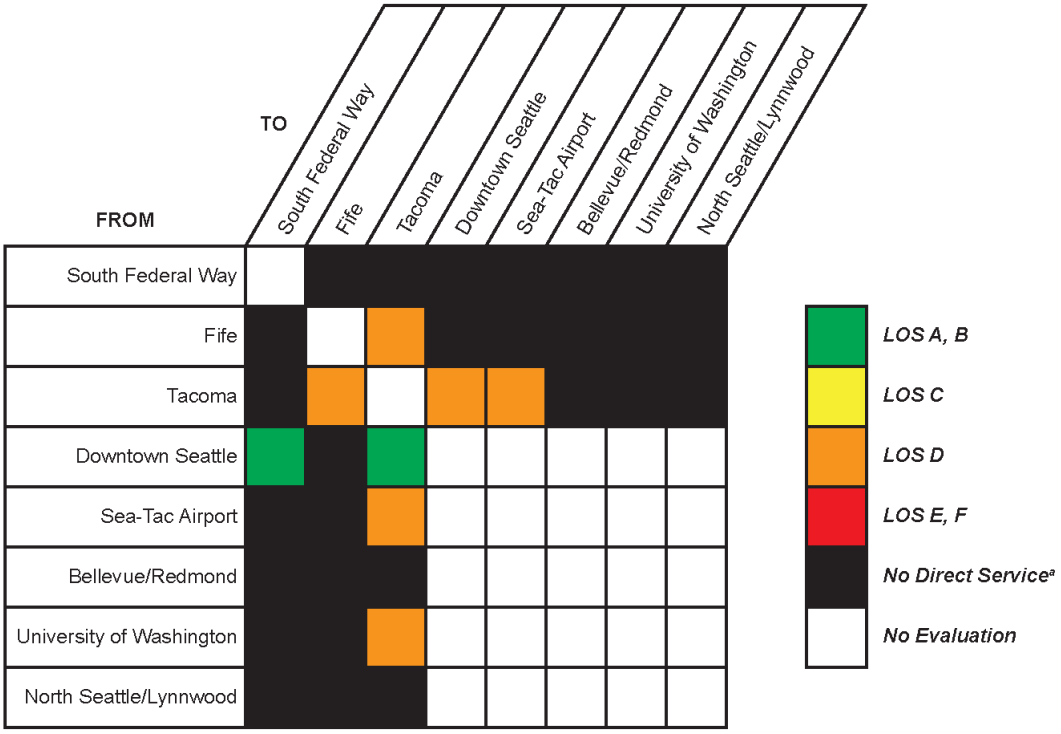

(a) No direct service or requires one or more bus transfers

Figure 4-2 2020 PM Peak Hour Transit Level of Service for Service Frequency

The L.O.S. for hours of service between the study segments and regional destinations, such as Tacoma, downtown Bellevue, Redmond, the University of Washington, Northgate, and Lynnwood, connected by bus is shown in Figure 4-3. From the transit center at Tacoma Dome Station, the Tacoma Segment is well-connected to downtown Seattle and Sea-Tac Airport for much of the day (L.O.S. A). South Federal Way has limited direct service to downtown Seattle (L.O.S. E/F). The Fife Segment has direct service to Tacoma (L.O.S. C).

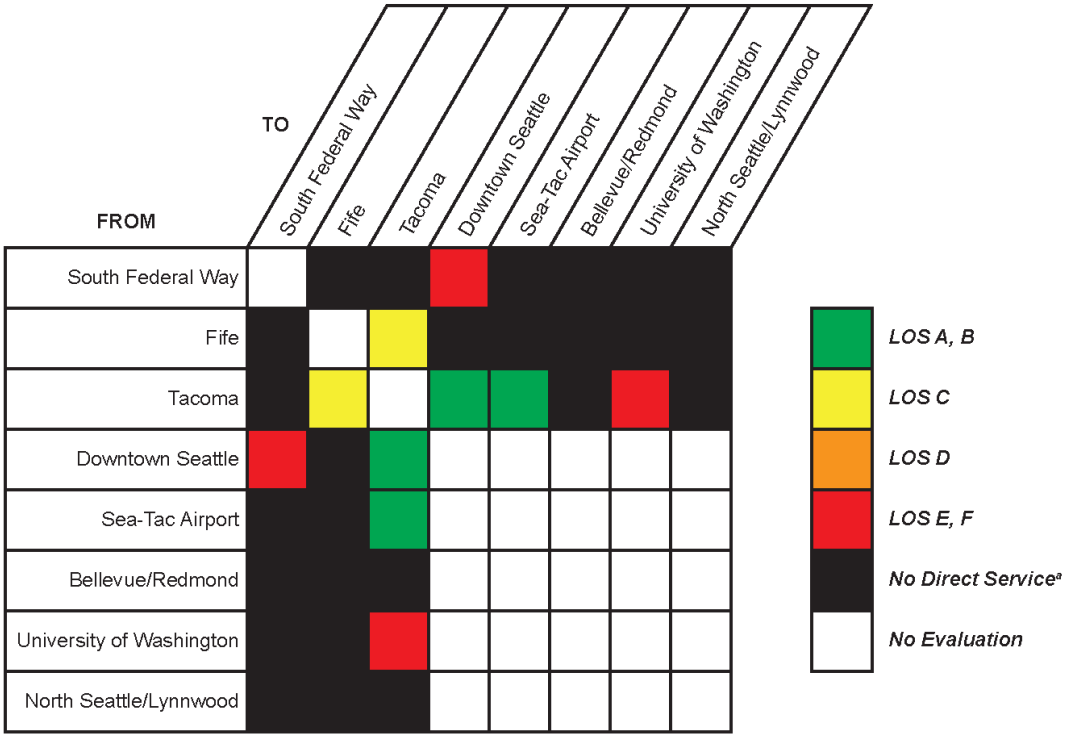

(a) No direct service or requires one or more bus transfers

Figure 4-3 2020 Transit Level of Service for Hours of Service

4.3.4.3 Passenger Load

Passenger load L.O.S. is intended to measure passenger comfort and the ability of a rider to find a seat on the bus or train during the PM peak hour. Passenger load L.O.S. also measures crowding in the transit vehicle. On buses, passenger load L.O.S. is defined by the number of passengers per seat (load factor). Passenger load L.O.S. A indicates that riders can spread out on the vehicle along with the potential to use empty seats for carry-on items instead of using their laps or the floor. A passenger load L.O.S. at or worse than L.O.S. D might reflect overcrowding, and service frequency would need to increase to improve L.O.S. In addition, large passenger volumes can cause the bus to dwell longer at stops as a result of slow passenger loading. The longer dwell time can negatively affect travel time and service reliability. Tables 4-13 and 4-14 show the thresholds for each L.O.S. level for bus, commuter rail, and light rail.

Table 4-13 Bus and Commuter Rail Passenger Load Transit L.O.S. Thresholds

L.O.S.	Load Factor (passenger per seat)	Comments
A	0.00-0.50	No passenger needs to sit next to another
B	0.51-0.75	Passengers can choose where to sit
C	0.76-1.00	All passengers can sit
D	1.01-1.25	Comfortable standee load for design
E	1.26-1.50	Maximum schedule load
F	>1.50	Crush load

Source: Transit Capacity and Quality of Service Manual

Table 4-14 Light Rail Passenger Load Transit L.O.S. Thresholds

L.O.S.	Square Feet per Passenger	Comments
A	>10.8	At most some passengers must stand
B	8.2-10.8	No passengers need to stand next to another
C	5.5-8.1	Passengers can choose where to stand
D	3.9-5.4	Comfortable standee load for design
E	2.2-3.8	Maximum schedule load
F	<2.2	Crush load

Source: Transit Capacity and Quality of Service Manual

Notes:

(1) This includes the potential for some cars to not have any standing passengers.

Table 4-15 shows that the average weekday PM peak hour passenger load L.O.S. for bus and Sounder service at each screenline is L.O.S. B or better. The L.O.S. reflects the average of all passenger loads on buses or Sounder service that cross a given screenline. L.O.S. B means passengers have the option to choose where they sit while L.O.S. A means no passenger needs to sit next to another passenger and empty seats area available to store carry-on items. At all screenlines, average passenger load L.O.S. for buses is L.O.S. A for northbound trips and L.O.S. B for all but one segment for southbound trips. The passenger load L.O.S. for the remaining southbound bus segment is L.O.S. A.

At each screenline, some of the peak hour bus service may experience higher passenger loads than others; however, the average weekday PM peak hour passenger load ranges from 0.02 to 0.63 (L.O.S. B or better). The screenlines capture Sounder riders starting south of the Auburn Sounder Station. Many southbound Sounder passengers disembark at Tukwila, Kent, and Auburn, and the passenger loads are L.O.S. B or better when the Sounder train reaches Screenline #1. On Sounder service, the average passenger load L.O.S. was L.O.S. A at all screenlines.

Table 4-15 2020 Average Weekday PM Peak Hour Route Passenger Load – L.O.S. for All Buses and Sounder at Screenlines

	Direction	Average Load	Average Capacity[1]	Load Factor (passengers/seat)	L.O.S.
Bus Screenlines					
Screenline #1: East-West South Federal Way	NB	12	40	0.30	A
Screenline #1: East-West South Federal Way	SB	22	40	0.55	B
Screenline #2: North-South Fife	EB	16	40	0.40	A
Screenline #2: North-South Fife	WB	25	40	0.63	B
Screenline #3: North-South Puyallup River	EB	9	40	0.23	A
Screenline #3: North-South Puyallup River	WB	24	40	0.60	B
Screenline #4: North-South Tacoma Dome	EB	15	40	0.38	A
Screenline #4: North-South Tacoma Dome	WB	22	40	0.55	B
Screenline #5: East-West S 48th Street	NB	7	40	0.18	A
Screenline #5: East-West S 48th Street	SB	16	40	0.40	A

Table 4-15 2020 Average Weekday PM Peak Period Route Passenger Load – L.O.S. for All Buses and Sounder at Screenlines (continued)

	Direction	Average Load	Average Capacity[1]	Load Factor (passengers/seat)	L.O.S.
Sounder Screenlines					
Screenline #1: East-West South Federal Way	NB	31	1,015	0.03	A
Screenline #1: East-West South Federal Way	SB	453	1,015	0.45	A
Screenline #2: North-South Fife	EB	N/A	N/A	N/A	N/A
Screenline #2: North-South Fife	WB	N/A	N/A	N/A	N/A
Screenline #3: North-South Puyallup River[2]	EB	N/A	N/A	N/A	N/A
Screenline #3: North-South Puyallup River[2]	WB	N/A	N/A	N/A	N/A
Screenline #4: North-South Tacoma Dome	EB	23	1,015	0.02	A
Screenline #4: North-South Tacoma Dome	WB	164	1,015	0.16	A
Screenline #5: East-West S 48th Street[2]	NB	31	1,015	0.03	A
Screenline #5: East-West S 48th Street[2]	SB	453	1,015	0.45	A

Source: Sound Transit Incremental Ridership Model – Base Year 2016, modified by Fehr & Peers April 2020

Notes:

(1) Vehicle capacity assumptions:
   a. Metro bus: 40 passengers
   b. Pierce Transit bus: 40 passengers
   c. Sound Transit Express bus: 40 passengers
   d. Sounder: 1,015 (seven-car trains)

(2) Both the South Federal Way and S 48th Street screenlines cross the Sounder line between Auburn and Sumner stations; therefore, the average load for Sounder is identical for both screenlines. Furthermore, the S 48th Street screenline crosses the Sounder line twice; the Auburn to Sumner segment was included, while the Puyallup to Tacoma segment was not included to avoid double counting.

4.3.4.4 On-Time Reliability

Reliability of service L.O.S. was analyzed between major transit hubs within or to and from the TDLE corridor. The reliability L.O.S. measures the degree to which a transit vehicle meets or misses the scheduled headway at its arrival station. This includes both a transit vehicle arriving late and a transit vehicle leaving early from a stop. A bus leaving early would mean some transit riders would miss their bus. Two methods were used to determine transit reliability. For transit routes with scheduled headways greater than 10 minutes, on-time reliability was evaluated in terms of on-time performance, defined as a departure being 1 minute early to 5 minutes late. For transit routes operating at scheduled headways of 10 minutes or less, headway adherence was used to determine reliability.[3] Reliability was calculated using the *Transit Capacity and Quality of Service Manual* methodology (TRB 2013), which compares the standard deviation of actual headways with scheduled headways of transit routes at major transit centers and park-and-ride lots within the study area. Table 4-16 shows the thresholds for each L.O.S. level.

[3] Sound Transit does not measure reliability by headway adherence for service with scheduled headways of 10 minutes or less. The former method was used to assess schedule reliability for routes with headways of 10 minutes or less.

Table 4-16 Reliability of Transit Service L.O.S. Thresholds

L.O.S.	On-Time Percentage	Comments[1]
A	95.0-100.0%	One late transit vehicle every 2 weeks
B	90.0-94.9%	One late transit vehicle every week (no transfer)
C	85.0-89.9%	Three late transit vehicles every 2 weeks (no transfer)
D	80.0-84.9%	Two late transit vehicles every week (no transfer)
E	75.0-79.9%	One late transit vehicle every day (with a transfer)
F	<75.0%	One late transit vehicle at least daily (with a transfer)

Source: Transit Capacity and Quality of Service Manual

Notes:

(1) Individual's perspective based on five round trips per week.

Service reliability between major transit hubs for Sound Transit Express bus and Sounder service, including on-time performance and L.O.S. results, is shown in Table 4-17. These are the only services analyzed for this metric because only Sound Transit provides connections between major regional transit hubs within the TDLE corridor. The four bus routes shown provide service between Tacoma and Sea-Tac Airport, the University of Washington, and downtown Seattle, and all use I-5 for most of the route.

As shown, Sound Transit Express buses operate with poor on-time performance due to traffic congestion and wide variations in roadway travel times, with the average on-time performance of 79 percent (L.O.S. E). Sounder service, which is not influenced by traffic congestion, has an average on-time performance of 95 percent (L.O.S. A).

Table 4-17 2019 PM Peak Hour Transit On-Time Performance and Reliability at Transit Hubs

Transit Hub	On-Time Performance Percentage[1]	Reliability L.O.S.
ST 574: Lakewood to SeaTac	78%	E
ST 586: Tacoma to University District	77%	E
ST 590: Tacoma to Seattle	80%	D
ST 594: Lakewood to Seattle	80%	D
ST Express Bus Average	79%	E
Sounder	95%	A

Source: Sound Transit 2020 Service Implementation Plan, adopted November 2019

Notes:

(1) Schedules for the Sound Transit Express bus routes noted fixed time points and estimated time points. Fixed time points include those that have high boarding activity and often occur before the bus enters I-5. Estimated time points are located at stops that are more likely to have passengers exiting the bus and low boarding activity. Estimated time points are not counted toward on-time performance. The percentages reported typically do not reflect highway traffic variability.

4.4 Arterials and Local Streets

This section describes existing conditions for arterials and local streets, including roadway network, daily and peak hour volumes, and intersection operations.

4.4.1 Roadway Network

In addition to the regional roadways that would connect the study segments to other regional population and employment centers, there are numerous local arterials and roadways that would connect drivers within the study segments to the proposed TDLE station locations. Local roadways and arterials throughout the three study segments range anywhere from two to eight lanes. Average daily traffic volumes, speed limits, and functional classification for the major arterials and local roadways in the three study segments are shown in Table 4-18.

Table 4-18 Existing Local Roadway Facilities and 2019 Average Daily Traffic

Regional Roadway	Arterial Classification[1]	Number of Travel Lanes	Speed Limit (mph)	Average Daily Traffic (ADT)	Bicycle Lanes[2]	Pedestrian Facilities[3]
Federal Way						
S 336th Street	Minor Arterial	3-5	35	25,000	Partial	Yes
16th Avenue S (SR 161)	Principal Arterial	5-7	35	23,000	Partial	Yes
South Federal Way						
16th Avenue S (SR 161)	Principal Arterial	5-7	35	23,000	Partial	Yes
S 352nd Street	Principal Collector	3	30	9,000	Partial	Yes
S 356th Street	Minor Arterial	5	35	15,000	Yes	Yes
Milton Road S/20th Avenue S	Principal Collector	2-3	30	8,000	Partial	Partial
70th Avenue E	Minor Arterial	2-5	35	12,000	Partial	Partial
Fife						
54th Avenue E	Principal Arterial	5	35	18,000	Partial	Yes
12th Street E	Collector Arterial	3	35	16,000	Partial	Yes
Port of Tacoma Road	Principal Arterial	5	35	14,000	No	Partial
Alexander Avenue E	Minor Arterial	3	25	7,000	No	Partial
20th Street E	Minor Arterial	3	35	16,000	Partial	Yes
Tacoma						
Puyallup Avenue	Principal Arterial	5	30	15,000	No	Yes
E Portland Avenue	Principal Arterial	5-6	30	32,000	No	Yes
Pacific Avenue	Principal Arterial	4	25	14,000	No	Yes
East D Street/E McKinley Avenue	Minor Arterial	2-3	30	8,000	Yes	Yes
East L Street[4]	Collector Arterial	2	25	1,000	Partial	Yes
East 25th Street	Unclassified Arterial	2	30	2,600	No	Yes
E 26th Street[5]	Collector Arterial	2-5	30	16,000	No	Yes
E 34th Street	Collector Arterial	2	30	5,000	No	Yes

Source: Parametrix
Notes:
(1) Table includes only roads classified as collector arterials and above.
(2) Partial bicycle lane indicates that a striped shoulder is present without sharrows in either one or both directions of travel.
(3) Partial pedestrian facility indicates that a striped shoulder or sidewalk is provided on only one side of the roadway.
(4) East L Street ADT reflects existing conditions, with the East L Street bridge over I-5 under construction; ADT with an open East L Street bridge would likely be higher.
(5) E 26th Street is classified as an arterial west of East G Street only.

4.4.2 Daily Vehicle Classification Counts

To assess how traffic volumes fluctuate by vehicle type and time of day, 13 multimodal vehicle classification counts were conducted in November and December 2019 within the study area. In South Federal Way three locations were counted, in Fife five locations were counted, and in Tacoma five locations were counted as shown in Figures 4-4 through 4-6. Data were collected for 3 days on Tuesday, Wednesday, and Thursday of a week. These roadway count locations were chosen based on arterial classification, truck volumes, and proximity to future proposed station locations. Small/medium trucks include Federal Highway Administration (FHWA) vehicle Classes 5 through 7 and are defined as single-unit trucks with two to four axles. Large trucks include FHWA vehicle Classes 8 through 13, along with Class 4 (motor buses) and are defined as three-axle (or more) trucks with separation between the driver unit and the trailer. School and motor buses (Class 4) are considered heavy vehicles for these calculations due to their size.

4.4.2.1 Federal Way and South Federal Way Segment Vehicle Classification Counts

Figure 4-4 shows total, passenger vehicle, small/medium truck, and large truck volumes on Pacific Highway south of S 348th Street, Enchanted Parkway (SR 161) south of S 348th Street and on S 348th Street east of Pacific Highway.

In the South Federal Way Segment, large truck traffic makes up a small percentage of overall traffic on Pacific Highway, SR 18, and SR 161. The large trucks that are present in the study segment use Pacific Highway and SR 161 as alternate routes of I-5, the main freight route in the study segment. Both S 348th Street and Pacific Highway have a large truck percentage of roughly 5 percent of all vehicle traffic. Truck volumes make up a smaller percentage of total traffic on Pacific Highway, SR 161, and S 348th Street in South Federal Way when compared with Fife and Tacoma roadway locations.

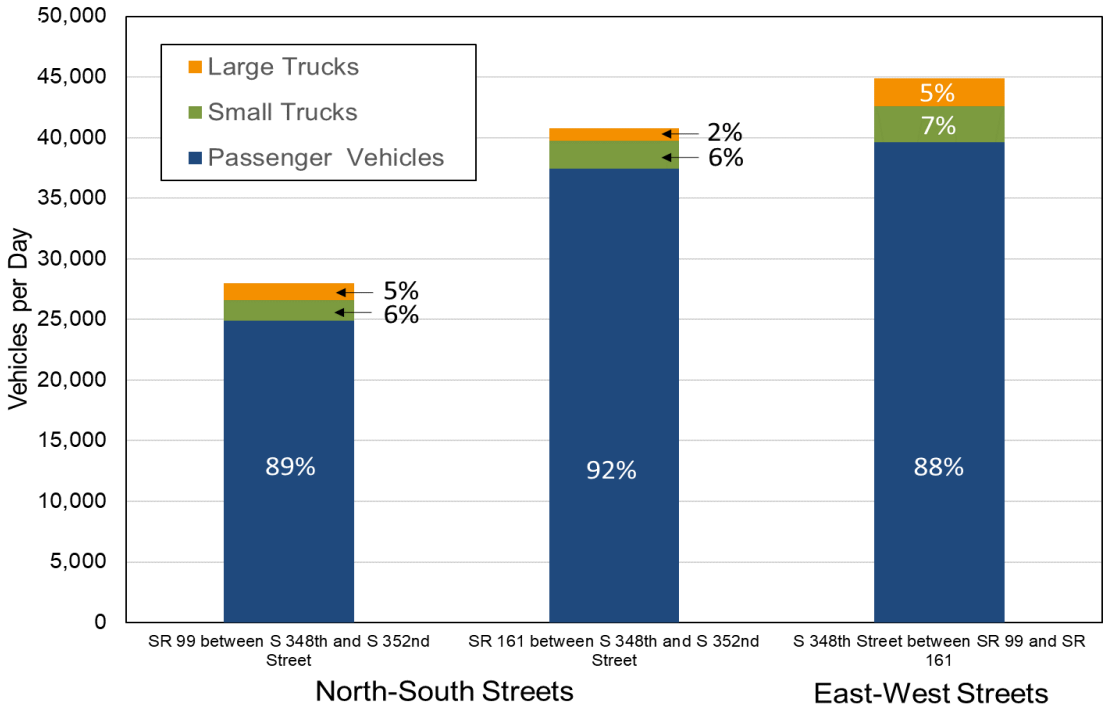

Source: Traffic counts performed by IDAX and compiled by Parametrix. Counts performed from November 19 through 21, 2019.

Figure 4-4 Weekday Traffic Volumes by Vehicle Type – South Federal Way Segment

4.4.2.2 Fife Segment Vehicle Classification Counts

Figure 4-5 shows total, passenger vehicle, small/medium truck, and large truck volumes on key arterials in Fife: Port of Tacoma Road north of Pacific Highway, both east of Willow Road E and west of 59th Avenue E, 54th Avenue E north of Pacific Highway, and Alexander Avenue E north of SR 99.

The daily counts show that 54th Avenue E and Port of Tacoma Road are two of the primary access routes to the Port of Tacoma and Tacoma Tideflats industrial area. Trucks also use 70th Avenue E to cross I-5 and then use Pacific Highway between 70th Avenue E and 54th Avenue E to reach the port access routes as well as I-5. The major freight routes of 54th Avenue E, Port of Tacoma Road, and Pacific Highway expectedly comprise the highest large truck percentages at roughly 19 percent of all vehicle traffic.

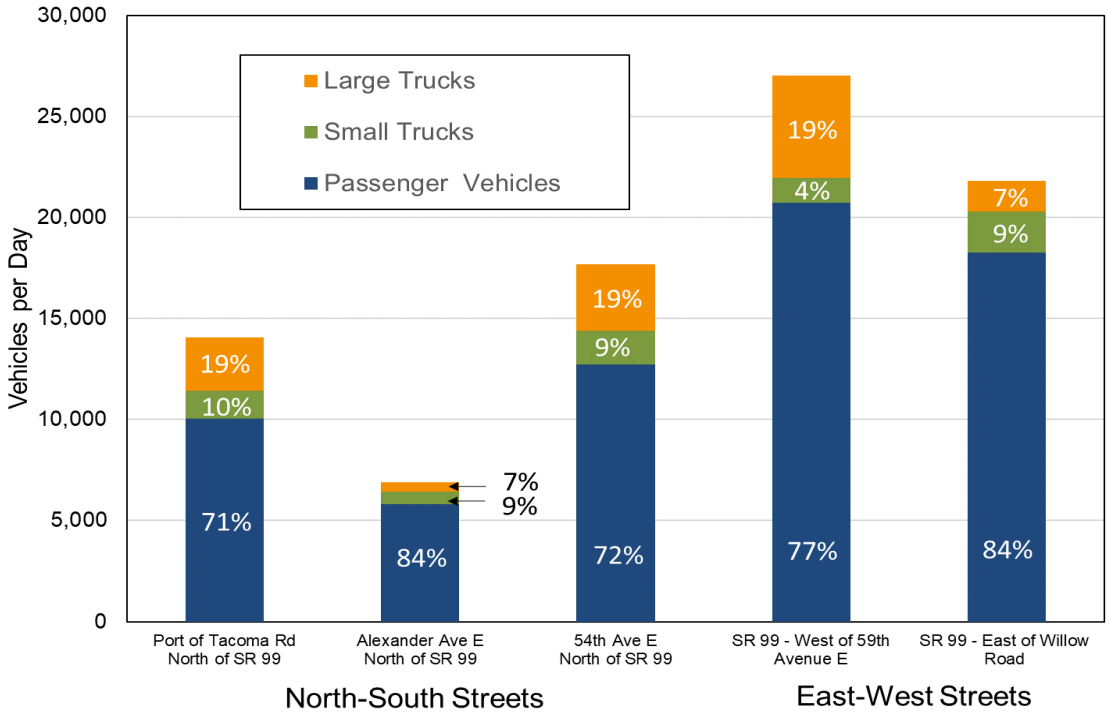

Source: Traffic counts performed by IDAX and compiled by Heffron Transportation. Counts performed from November 19 through 21, 2019, at three locations and from December 3 through 5, 2019, at the remaining locations.

Figure 4-5 Weekday Traffic Volumes by Vehicle Type – Fife Segment

4.4.2.3 Tacoma Segment Vehicle Classification Counts

Figure 4-6 shows total, passenger vehicle, small/medium truck, and large truck volumes in Tacoma at five locations: East D Street north of Puyallup Avenue, Puyallup Avenue west of East J Street, E Portland Avenue north of E 26th Street, Fishing Wars Memorial Bridge, and E Portland Avenue north of the SR 509 ramps. East D Street and E Portland Avenue are access routes to the Port of Tacoma, similar to the north-south arterials in Fife.

The daily counts show that E Portland Avenue maintains the highest large truck percentage of streets accessing the Port of Tacoma at approximately 21 percent just north of SR 509. East D Street did not show a similarly high percentage of large trucks, with just 2 percent noted north of Puyallup Avenue. On the east-west streets of Puyallup Avenue and the Fishing Wars Memorial Bridge, large trucks comprised only 5 and 2 percent, respectively.

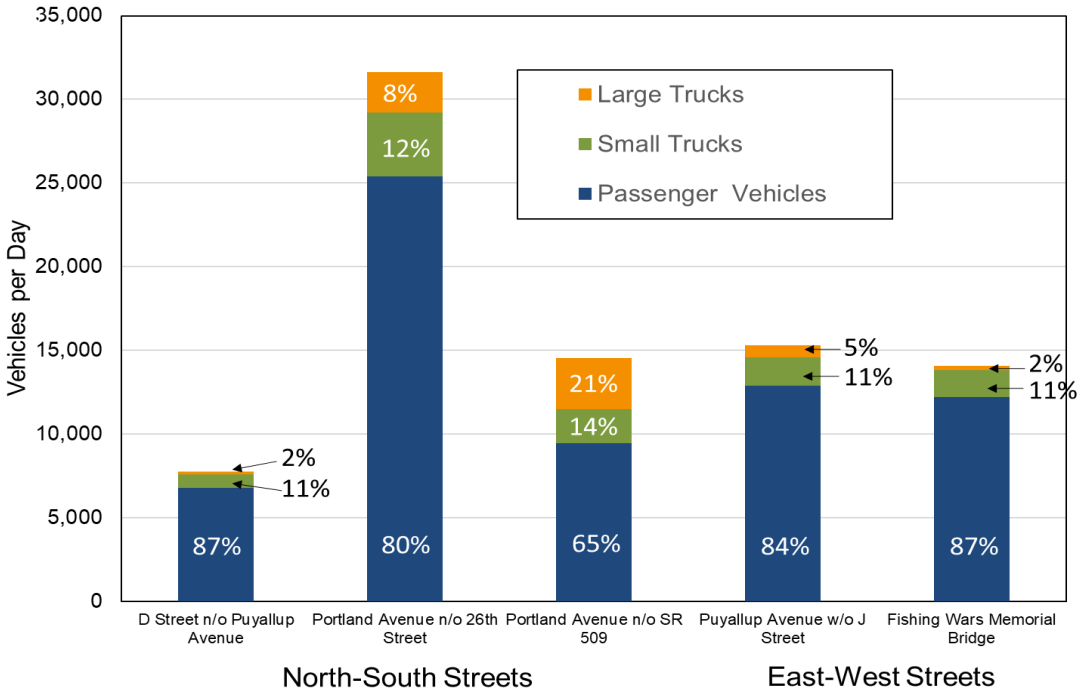

Source: Traffic counts performed by IDAX and compiled by Parametrix. Counts performed on East D Street and Fishing Wars Memorial Bridge from November 19 through 21, 2019, and on Portland and Puyallup on December 3 through 5, 2019.

Figure 4-6 Weekday Traffic Volumes by Vehicle Type – Tacoma Segment

4.4.3 Study Intersections

The 86 intersections listed in Table 4-19 and shown in Figures 4-7 through 4-10 summarize the study intersections in each of the four segments. These study intersections were identified based on the proximity to TDLE alternatives as well as professional judgment in coordination with staff from Federal Way, Fife, and Tacoma. AM and PM peak period L.O.S. analysis was conducted at all study intersections.

Table 4-19 Study Intersections for AM and PM Peak Hours

I.D.	Intersection Location
Federal Way Segment	
1	SR 99 (Pacific Highway) at S 336th Street
2	SR 99 (Pacific Highway) at 16th Avenue S
South Federal Way Segment	
1	SR 99 (Pacific Highway) at S 348th Street
2	SR 161/Enchanted Parkway at S 348th Street
3	I-5 Southbound Ramps at SR 18 Mainline
4	SR 99 (Pacific Highway) at S 352nd Street
5	S 352nd Street and western SF 99-352nd Station Access (Future Intersection)
6	S 352nd Street and eastern SF 99-352nd Station Access (Future Intersection)
7	SR 161/Enchanted Parkway at S 352nd Street
8	SR 99 (Pacific Highway) at S 356th Street
9	S 356th Street and western SF 99-352nd Station Access (Future Intersection)

Table 4-19 Study Intersections for AM and PM Peak Hours (continued)

I.D.	Intersection Location
10	S 356th Street and eastern SF 99-352nd Station Access (Future Intersection)
11	SR 161/Enchanted Parkway at S 356th Street
12	I-5 SB Off-Ramp Roundabout at S 356th Street (Future Intersection)
13	SR 161 (Enchanted Parkway at SR 18 Westbound Off-Ramp)
14	SR 161 (Enchanted Parkway) at Milton Road S/20th Avenue S
15	SR 99 (Pacific Highway) at Porter Way
Fife Segment	
1	Port of Tacoma Road at SR 509 Westbound Ramp
2	Port of Tacoma Road at SR 509 Eastbound Ramp (12th Street E)
3	Port of Tacoma Road at Pacific Highway
4	34th Avenue E at Pacific Highway
5	Alexander Avenue E at SR 509 Westbound
6	Alexander Avenue E at SR 509 Eastbound
7	Alexander Avenue E at 12th Street E
8	Alexander Avenue E at Pacific Highway
9	54th Avenue E/Taylor Way E at SR 509
10	54th Avenue E at SR 167 Ramp (Future Intersection)
11	52nd Avenue E and 12th Street E (Future Intersection)
12	54th Avenue E at 12th Street E
13	54th Avenue E at SR 99 (Pacific Highway)
14	54th Avenue E at I-5 Southbound Ramps
15	54th Avenue E at I-5 Northbound Ramps
16	54th Avenue E at 20th Street E
17	54th Avenue E at Valley Avenue E
18	52nd Avenue E at SR 99/Pacific Highway E
19	SR 99 (Pacific Highway) at I-5 Southbound Ramps (Future Intersection)
20	20th Street E at I-5 Northbound Ramps (Future Intersection)
21	59th Avenue Court E at SR 99 (Pacific Highway)
22	59th Avenue Court E at 12th Street E
23	62nd Avenue E at 12th Street E
24	62nd Avenue E at SR 99 (Pacific Highway)
25	70th Avenue E at SR 99 (Pacific Highway)/Wapato Way E at SR 99
26	70th Avenue E at 20th Street E
Tacoma Segment	
1	Pacific Avenue at SR 509
2	Pacific Avenue at Puyallup Avenue
3	Pacific Avenue at E 25th Street
4	Pacific Avenue at E 26th Street
5	Pacific Avenue at E 34th Street
6	A Street at Puyallup Avenue (S 24th Street)
7	A Street Highway at E 25th Street
8	A Street Highway at E 26th Street

Table 4-19 Study Intersections for AM and PM Peak Hours (continued)

I.D.	Intersection Location
9	I-705 Northbound Off-Ramp at E 26th Street
10	East C Street at E 25th Street
11	East C Street at Tacoma Dome Parking Lot Driveway
12	East C Street at E 26th Street
13	East D Street at E Dock Street Extension
14	East D Street at Puyallup Avenue
15	East D Street at E 25th Street
16	East D Street at Tacoma Dome Parking Lot Driveway
17	East D Street at E 26th Street
18	East D Street (E McKinley Way) at East C Street (E Wiley Avenue)
19	E McKinley Avenue at E 34th Street
20	East E Street at Puyallup Avenue
21	East F Street at Puyallup Avenue
22	East G Street at Puyallup Avenue
23	East G Street at E 25th Street
24	East L Street at Puyallup Avenue
25	East L Street at E 26th Street
26	East L Street at E 27th Street (E Wiley Avenue) (Under Construction)
27	East L Street at E 28th Street (Under Construction)
28	East L Street at E 34th Street
29	E Portland Avenue at SR 509 Westbound On-Ramp
30	E Portland Avenue at SR 509 Eastbound Off-Ramp
31	E Portland Avenue at Puyallup Avenue
32	E Portland Avenue at E 25th Street
33	E Portland Avenue at E 26th Street
34	E Portland Avenue at E 27th Street (I-5 Southbound On-Ramp)
35	E Portland Avenue at E 28th Street (I-5 Northbound On-Ramp/Off-Ramp)
36	E Portland Avenue at E 32nd Street
37	E Bay Street at SR 167 Access Ramps
38	E Bay Street at E 27th Street (I-5 Southbound Off-Ramp)
39	East R Street (E Bay Street) at E 28th Street (I-5 Northbound On-Ramp)
40	East R Street at E 30th Street
41	East R Street at E 32nd Street
42	East R Street and E 29th Street Roundabout
43	E Bay Street/River Road E (SR 167) at Pioneer Way E

Source: Parametrix

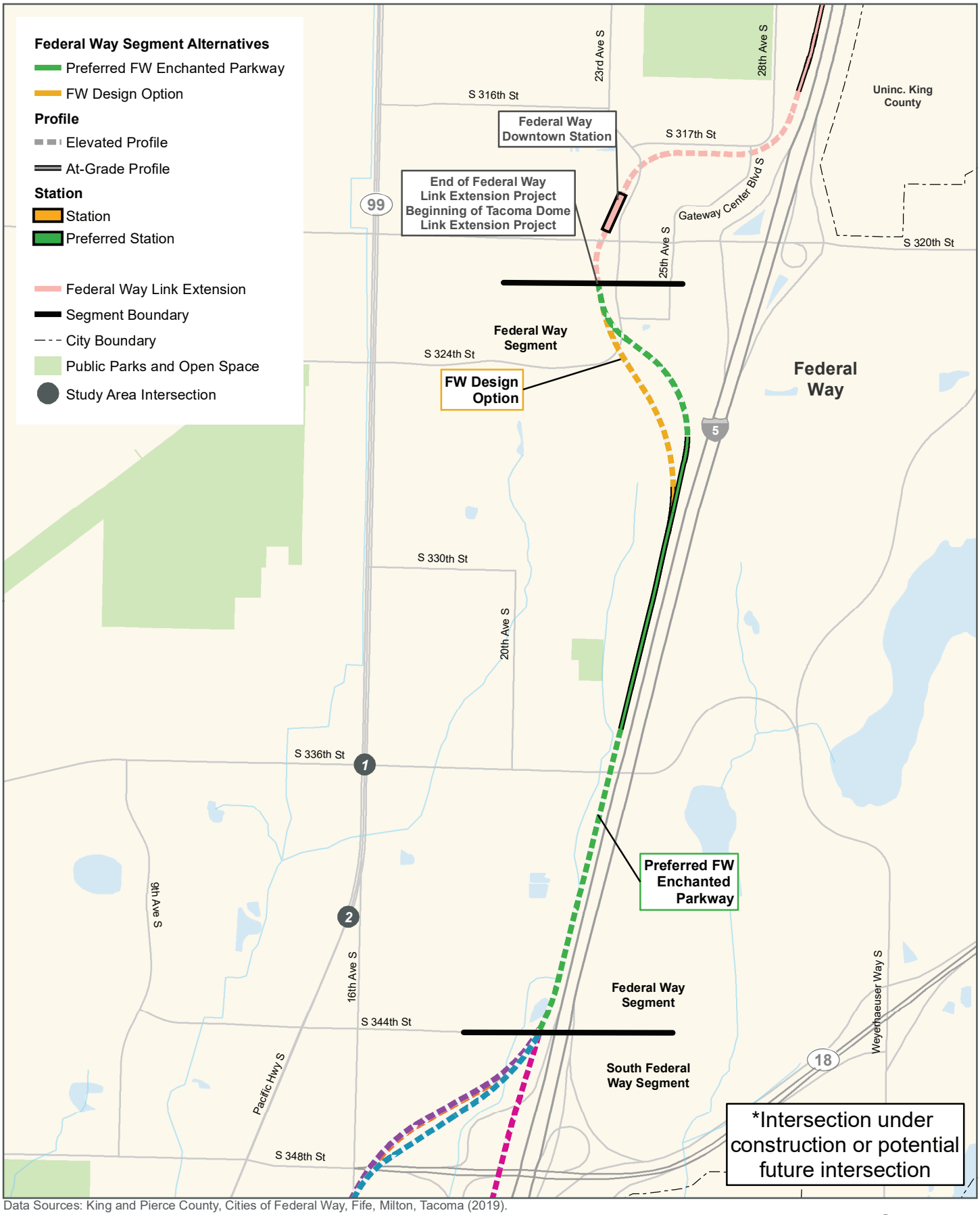

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 4-7
Study Area Analysis Intersections
Federal Way Segment

Tacoma Dome Link Extension

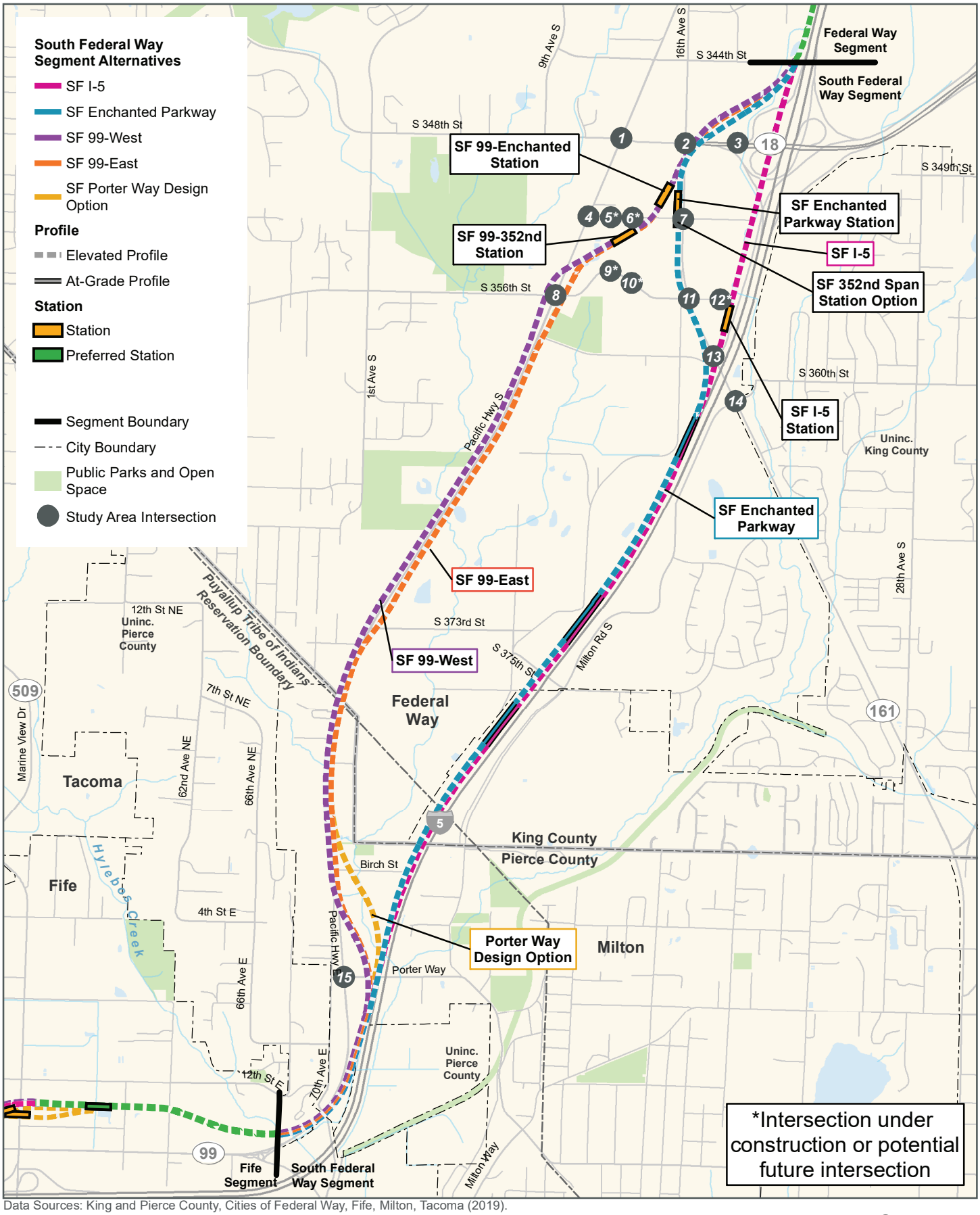

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-8
Study Area Analysis Intersections
South Federal Way Segment

Tacoma Dome Link Extension

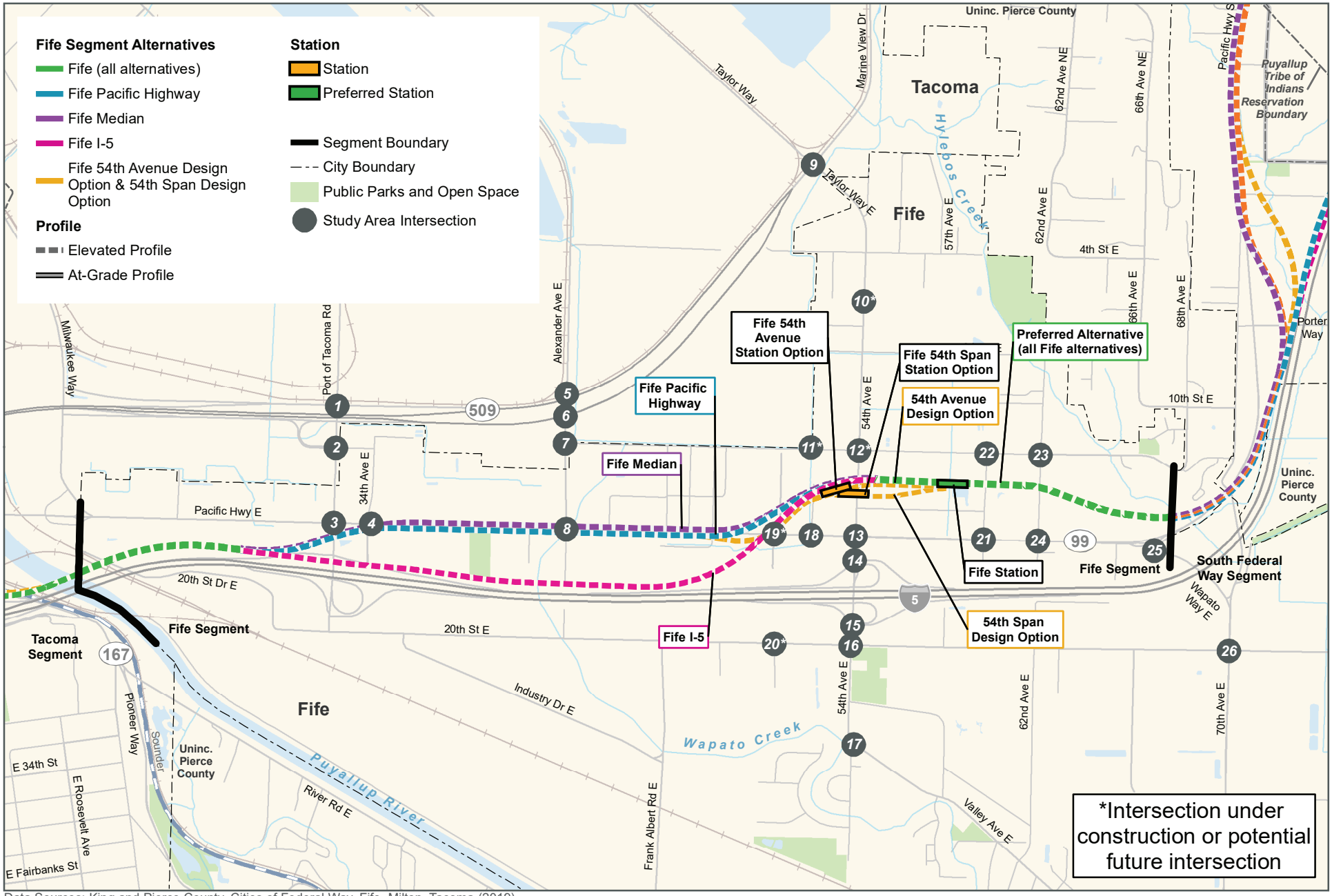

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-9
Study Area Analysis Intersections

N

0 0.5 1 Mile

Tacoma Dome Link Extension

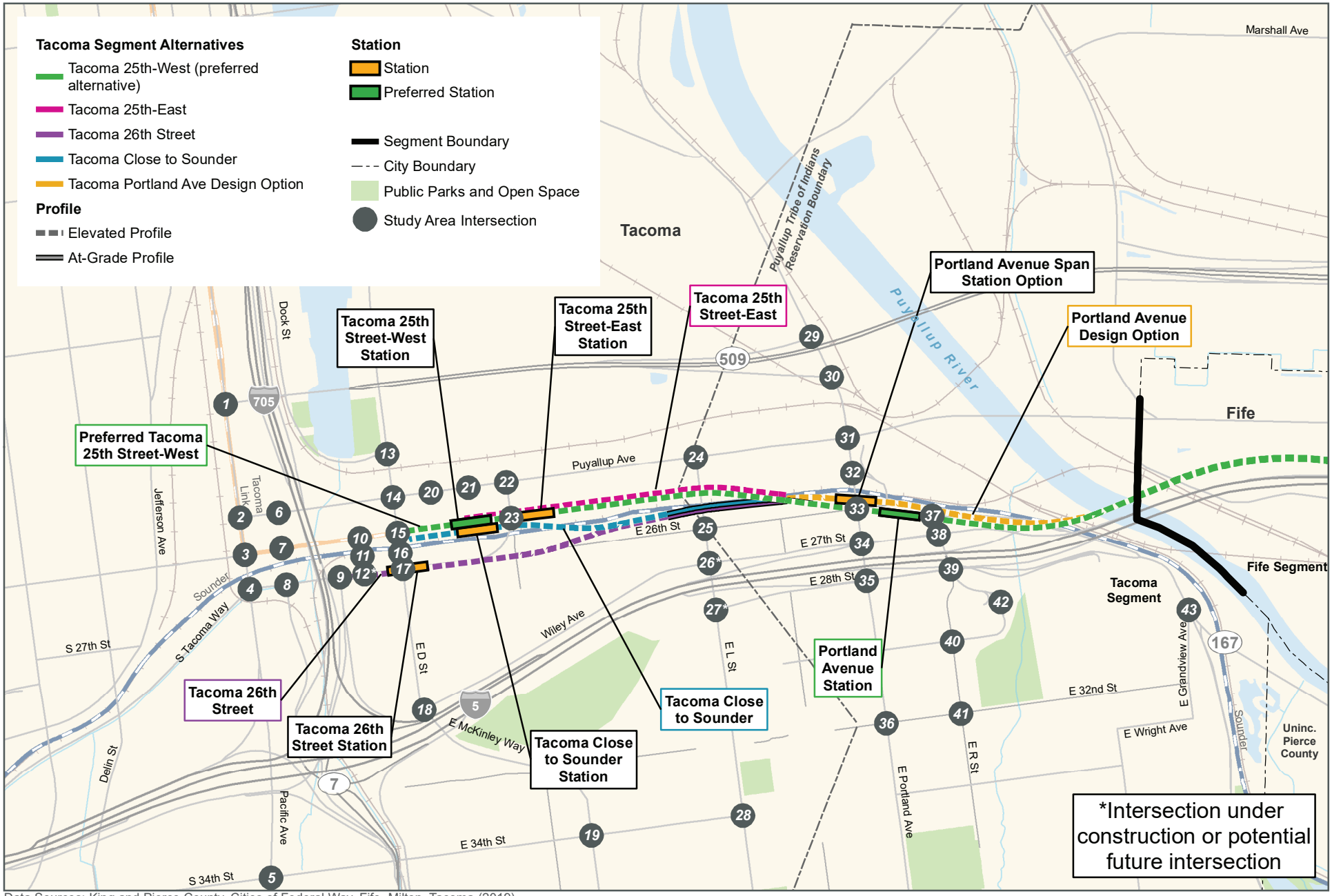

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-10
Study Area Analysis Intersections
Tacoma Segment

Tacoma Dome Link Extension

4.4.4 Peak Hour Intersection Volumes

Weekday intersection turning movement counts were collected in November 2019 and some data for intersections in the Fife segment were collected by the City of Fife in April and May 2019. The AM peak period was counted between 7 and 9 a.m., and the PM peak period between 4 and 6 p.m. These new intersection counts were supplemented with historical counts or data from traffic impact studies from local jurisdictions due to construction occurring at some of the study intersections. Historical counts and count data from traffic impacts studies were grown or adjusted by a growth factor of 0.5 percent annually at each intersection in the Federal Way, South Federal Way, and Tacoma segments and 0.3 percent annually in the Fife Segment to reflect traffic change between the count year and 2019, if needed, and balanced with current counts to account for different years when intersection counts were taken. The intersection turning movement counts included the total number of general-purpose vehicles, medium and large freight vehicles, pedestrians, and bicycles. A common peak hour was developed for each of the segments during both peak periods. Peak hour traffic volumes are summarized in the traffic operations outputs included in Attachment B.

4.4.5 Analysis Tools

The operations analysis for the study intersections used the software programs Synchro/SimTraffic (version 10.3) for signalized and unsignalized intersections and SIDRA (version 8) for roundabout controlled intersections. Synchro is a macroscopic analysis and optimization software application that supports the Transportation Research Board Highway Capacity Manual's methodology (2000, 2010, and 6th Edition methods) for signalized and unsignalized intersections and creates optimized signal timing plans for intersections. Synchro analyzes intersections in isolation and does not consider the effect of downstream congestion. SimTraffic summarizes intersection operations and accounts for nearby intersection interactions and therefore was used to calculate signalized and unsignalized intersection operations.

SimTraffic outputs include average intersection delay and L.O.S., while Synchro is used to summarize average intersection v/c ratios. Intersection L.O.S. is defined in terms of average intersection delay on a scale ranging from A to F, depending on the delay conditions at the intersection. L.O.S. A represents the best conditions with minimal delay, and L.O.S. F represents the worst conditions with severe congestion. The L.O.S. at an unsignalized intersection is also defined in terms of delay, but only for the worst operating movement, which is typically on the minor street or stopped approaches. SIDRA is an analytical traffic evaluation software application that uses lane-by-lane and vehicle path models to provide capacity estimates. Roundabouts were evaluated consistent with the WSDOT's SIDRA Policy and Settings (WSDOT 2019c). Table 4-20 summarizes the criteria used to define L.O.S. for signalized and unsignalized intersections.

Table 4-20 L.O.S. Thresholds for Signalized and Unsignalized Intersections

L.O.S.[1]	Average Control Delay (seconds per vehicle [sec/veh])		Traffic Flow Characteristics
	Signalized/ Roundabout Intersections	Unsignalized Intersections	
A	< 10	< 10	Virtually free flow; completely unimpeded.
B	> 10 and < 20	> 10 and < 15	Stable flow with slight delays; less freedom to maneuver.
C	> 20 and < 35	> 15 and < 25	Stable flow with delays; less freedom to maneuver.
D	> 35 and < 55	> 25 and < 35	High density but stable flow.
E	> 55 and < 80	> 35 and < 50	Operating conditions at or near capacity; unstable flow.
F	> 80	> 50	Forced flow; breakdown conditions.

Source: Transportation Research Board Highway Capacity Manual 2010

Notes:

(1) The L.O.S. criteria are based on control delay, which includes initial deceleration delay, final deceleration delay, stopped delay, and queue move-up time.

Another common method of measuring traffic congestion is v/c ratio, defined as a measurement of the operating capacity of the roadway where the number of vehicles passing through the segment is divided by the number of vehicles that could theoretically pass through that segment when at capacity. The v/c ratio is measured on a decimal scale with 0.0 representing excessive capacity and anything greater than 1.0 representing congestion because volume has exceeded roadway capacity. A v/c ratio can be calculated for either the intersection as a whole or by approach. Table 4-21 shows the relationship between v/c ratio and the previously mentioned L.O.S. analysis procedure by average vehicle delay.

Table 4-21 V/C Ratios Linked to Planning and Operational L.O.S.

Analysis Procedure	A	B	C	D	E	F
Planning (v/c ratio)	0.00-0.60	0.61-0.70	0.71-0.80	0.81-0.90	0.91-1.00	>1.00
Operational Delay (sec)	0-10	10-20	20-40	40-60	60-80	>80

Source: Transportation Research Circular 212, Interim Materials on Highway Capacity. Highway Capacity Manual (2000).

The measures of effectiveness for roundabouts in order of importance are v/c ratios, percent stopped, queues, and L.O.S. If v/c is equal to or more than 0.9, microsimulation may be used to closely examine the volumes at the roundabout intersections. As shown in Table 4-22, L.O.S. F is assigned to individual lanes in roundabouts regardless of the control delay if the v/c ratio exceeds 1.0. For overall intersection and approaches at roundabouts, L.O.S. is measured solely against the control delay thresholds.

Table 4-22 L.O.S. Thresholds for Roundabouts

Control Delay at Roundabouts (sec/veh)	L.O.S. by Volume-to-Capacity Ratio[1]	
	v/c < 1.0	v/c > 1.0
≤ 10	A	F
> 10 and ≤ 20	B	F
> 20 and ≤ 35	C	F
> 35 and ≤ 55	D	F
> 55 and ≤ 80	E	F
> 80	F	F

Source: Transportation Research Board Highway Capacity Manual 2010
Notes:
(1) For approaches and overall intersection assessment, L.O.S. is defined solely by control delay.

4.4.6 Agency Thresholds

The Puget Sound Regional Council (PSRC) defines the operating threshold in urban areas for state highways of statewide significance as either L.O.S. D or L.O.S. E mitigated, depending on the location. This includes ramp terminal intersections.

Outside of state highways, the cities of Federal Way, Fife, and Tacoma each have individual standards for intersection operations based on L.O.S. or v/c ratio. The City of Federal Way and City of Tacoma use v/c ratio, a measure of existing traffic relative to the amount of traffic the roadway was designed to accommodate, in their traffic operations standards. The City of Fife uses L.O.S. These standards apply to both the AM and PM peak periods. The following sections describe the agency thresholds for the Federal Way, Fife, and Tacoma segments.

4.4.6.1 Federal Way and South Federal Way Thresholds

As detailed in the City of Federal Way's Comprehensive Plan, the city's adopted operational standard is varying v/c ratios depending on intersection control and location. For unsignalized intersections, the v/c ratio standards are 1.0, and the v/c ratio standards are 1.2 for signalized intersections.

According to the PSRC, both SR 18 and Pacific Highway are HSS while SR 161 is an HRS in the South Federal Way Segment. The L.O.S. standard for intersections along SR 161 is L.O.S. E/mitigated meaning that congestion should be mitigated at this level of service or transit or other measures, while the L.O.S. standard for intersections along SR 18 and Pacific Highway are L.O.S. D.

For the purposes of this evaluation, the intersections of SR 161/S 348th Street (SR 18), I-5 Southbound Off-Ramp/SR 18, SR 161/Milton Road S, and the future I-5 Southbound Off-Ramps to S 356th Street were considered under the jurisdiction of WSDOT. All other intersections are under the City of Federal Way jurisdiction.

4.4.6.2 Fife Thresholds

As detailed in the 2005 City of Fife Comprehensive Plan Transportation Element, the City's "adopted L.O.S. standard is L.O.S. D or better, which represents stable operating conditions, but with a high density of vehicles. Intersections that fail to meet the standard are considered deficient and require improvements or modifications to meet the standard." The I-5 ramp terminal intersections as well as SR 99 through Fife are both noted as components of highways

of statewide significance. WSDOT standards of L.O.S. D or better are used to evaluate traffic operations at I-5 ramp terminal intersections and intersections on the portion of Pacific Highway designated as SR 99through the Fife study segment.

4.4.6.3 Tacoma Thresholds

The City of Tacoma intersection performance thresholds are based on the type of roadway as defined in the City's Transportation Element.[4] Multiple roadways in the Tacoma Segment are considered "Arterial Corridors," including E Portland Avenue, Puyallup Avenue, Pacific Avenue, East D Street/E McKinley Avenue, and S Tacoma Way.[5] Intersections along an arterial should operate at L.O.S. E or better and have a v/c ratio of 0.99 or below. Intersections separate from an arterial corridor should operate at L.O.S. D and have a v/c ratio of 0.89 or below.

Any and all ramp terminal intersections in the Tacoma Segment were assumed to be under WSDOT jurisdiction. The I-5, I-705, and SR 509 ramp terminal intersections are noted as components of an HSS through the study segment. Along this portion of I-5 and I-705, the L.O.S. Standard is L.O.S. D with no corresponding v/c ratio standard. It should be noted that the L.O.S. standard is also L.O.S. D at the River Road E/E Bay Street intersection, which operates as SR 167, also an HSS in the study area.

4.4.7 Intersection Operations

An intersection operations analysis was prepared for the existing conditions for each segment. Analysis of traffic operations at these intersections references agency intersection L.O.S. standards and applies these standards to both the AM and PM peak periods.

4.4.7.1 Federal Way and South Federal Way Segments

The City of Federal Way provided Synchro models of existing AM and PM peak-hour traffic operations for use in this evaluation. The City-provided Synchro models were updated with the 2019 counts conducted for the study area intersections and this analysis. The traffic operations analysis of intersections with HOV lanes in the Federal Way and South Federal Way segments (on Pacific Highway S and on SR 18) was modeled indirectly using Synchro software by estimating the HOV percentages in the general-purpose traffic and assigned the remaining general traffic (non-HOV) in the through lanes with right-turn pockets at the intersections. The purpose of this adjustment is to approximate the general traffic congestion in the through lanes (non-HOV lanes) to reflect current conditions. HOV percentages were estimated for Pacific Highway and SR 18 HOV lanes based on local observations and with volume balancing between intersections for both AM and PM peak-hour periods. HOV volumes are typically between 15 and 20 percent of total through-traffic.

The roadway network and traffic volumes near the southern boundary of the South Federal Way Segment are anticipated to substantially change after the construction of the SR 167 Completion Project. Because of this planned change near the South Federal Way Segment southern boundary, the existing L.O.S. was not analyzed for the intersections of SR 99 (Pacific Highway)/Porter Way and 70th Avenue E at SR 99 (Pacific Highway). The existing AM and PM peak-hour intersection operations are reported in Table 4-23 with v/c ratio values for all study intersections and average delay/vehicle values and intersection L.O.S. reported for intersections controlled by WSDOT. The existing study intersection operations for the AM and PM peak hours in the Federal Way Segment

[4] The most recent Transportation Element with information on L.O.S. and v/c ratio is from June 2010.
[5] All arterials listed above are classified as either Principal or Minor arterials

are shown in Figures 4-11 and 4-12, respectively, and the existing study intersection operations for the AM and PM peak hours in South Federal Way Segment are shown in Figures 4-13 and 4-14, respectively. All study intersections in the Federal Way and South Federal Way segments currently meet the City of Federal Way and WSDOT standards for intersection operations.

Table 4-23 Existing (2019) Traffic Operations – Federal Way and South Federal Way Segments

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak[1,2]			PM Peak[1,2]		
				L.O.S.	Delay (sec/veh)	V/C Ratio[3]	L.O.S.	Delay (sec/veh)	V/C Ratio[2]
Federal Way Segment									
1	SR 99/S 336th Street	Signal	Federal Way – (1.2 v/c ratio)			0.69			0.85
2	SR 99/S 340th Place	Signal	Federal Way – (1.2 v/c ratio)			0.54			0.79
South Federal Way Segment									
1	SR 99/S 348th Street/SR 18	Signal	Federal Way – (1.2 v/c ratio)			0.77			0.99
2	S 348th Street/SR 18/ SR 161 Enchanted Parkway	Signal	Federal Way – (1.2 v/c ratio)	D	40	0.83	E	67	0.94
3	SR 18/I-5 Southbound Ramp	Signal	WSDOT HSS (L.O.S. D)	A	6	0.53	B	15	0.75
4	SR 99/S 352nd Street	Signal	Federal Way – (1.2 v/c ratio)			0.50			0.65
5	S 352nd Street and western SF 99-352nd Station Access (Future Intersection)	N/A	N/A	-	-	-	-	-	-
6	S 352nd Street and eastern SF 99-352nd Station Access (Future Intersection)	N/A	N/A	-	-	-	-	-	-
7	SR 161/ Enchanted Parkway/ S 352nd Street	Signal	Federal Way – (1.2 v/c ratio), WSDOT HRS (Mitigated L.O.S. E)[4]	B	18	0.77	C	32	0.74
8	SR 99/S 356th Street	Signal	Federal Way – (1.2 v/c ratio)			0.64			0.98
9	S 356th Street and western SF 99-352nd Station Access (Future Intersection)	N/A	N/A	-	-	-	-	-	-

Table 4-23 Existing (2019) Traffic Operations – Federal Way and South Federal Way Segments (continued)

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak[1,2]			PM Peak[1,2]		
				L.O.S.	Delay (sec/veh)	V/C Ratio[3]	L.O.S.	Delay (sec/veh)	V/C Ratio[2]
10	S 356th Street and eastern SF 99-352nd Station Access (Future Intersection)	N/A	N/A	-	-	-	-	-	-
11	SR 161/ Enchanted Parkway/S 356th Street/16th Avenue S	Signal	Federal Way – (1.2 v/c ratio), WSDOT HRS (Mitigated L.O.S. E)[4]	E	57	0.73	D	54	0.86
12	I-5 Southbound Off-Ramp at S 356th Street (Future Intersection)[5]	N/A	N/A	-	-	-	-	-	-
13	SR 161/ Enchanted Parkway/SR 18 Westbound Ramp	Signal	Federal Way – (1.2 v/c ratio), WSDOT HSS (L.O.S. D)	B	18	0.53	C	28	0.75
14	SR 161/Milton Road S	Signal	WSDOT HRS (Mitigated L.O.S. E)[4]	C	22	0.64	C	24	0.77
15	SR 99 (Pacific Highway)/ Porter Way	Signal	WSDOT HRS (Mitigated L.O.S. E)[4]	Not in model	Not in model				

Source: Traffic operations models provided by City of Federal Way. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs. Analysis completed by Casseday Consulting.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle; v/c ratio = volume-to-capacity ratio for the overall intersection.

(2) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.

(3) Intersections under City of Federal Way jurisdiction only summarized V/C ratio since that is the City of Federal Way's operational measurement.

(4) The standard for WSDOT Tier 1 routes is LOS E/mitigated, meaning that congestion should be mitigated when PM peak hour L.O.S. is at or below E.

(5) This intersection does not currently exist but would exist in 2042 horizon year conditions.

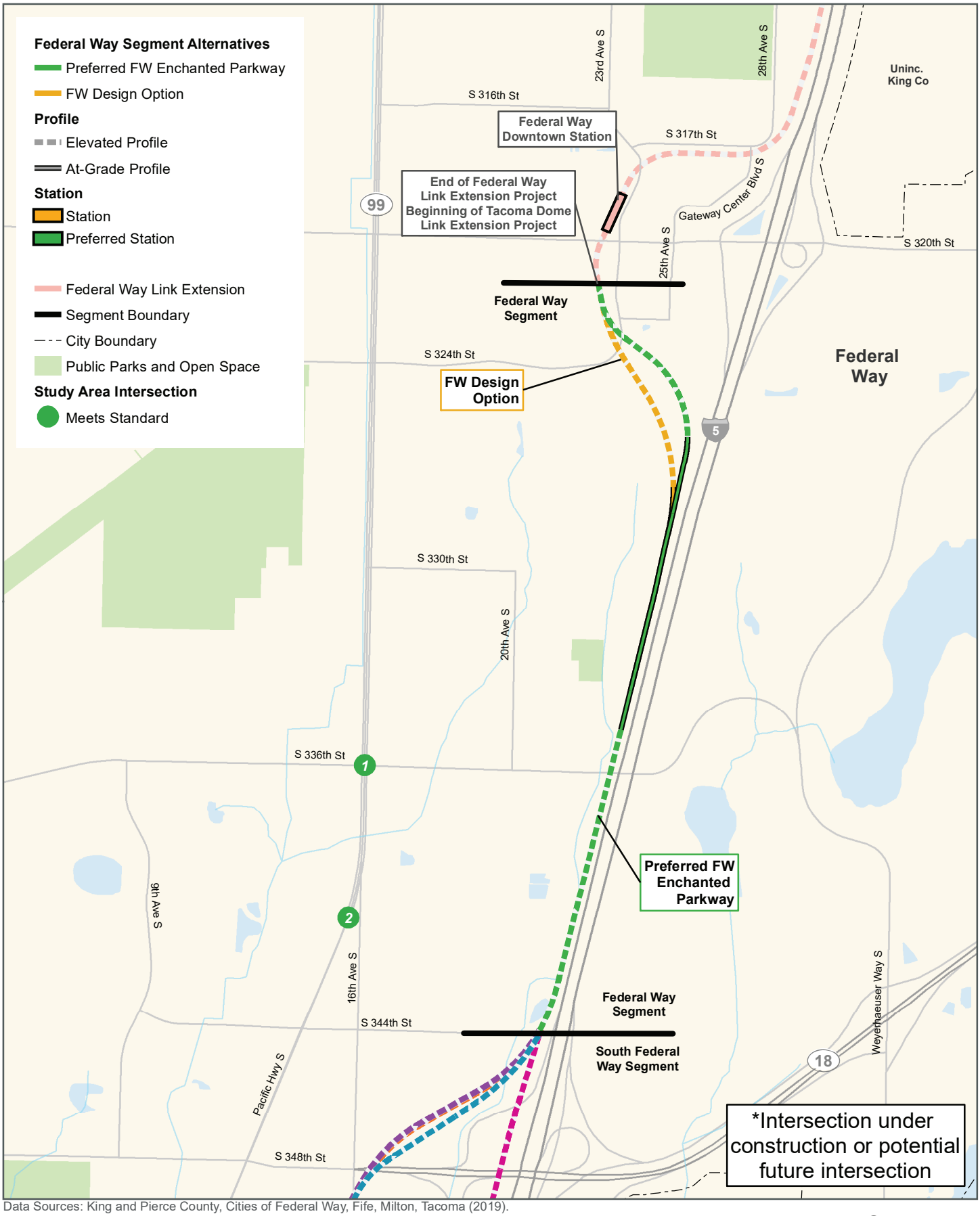

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-11
Existing Traffic Operations - AM Peak Hour
Federal Way Segment

N

0 0.25 0.5 Mile

Tacoma Dome Link Extension

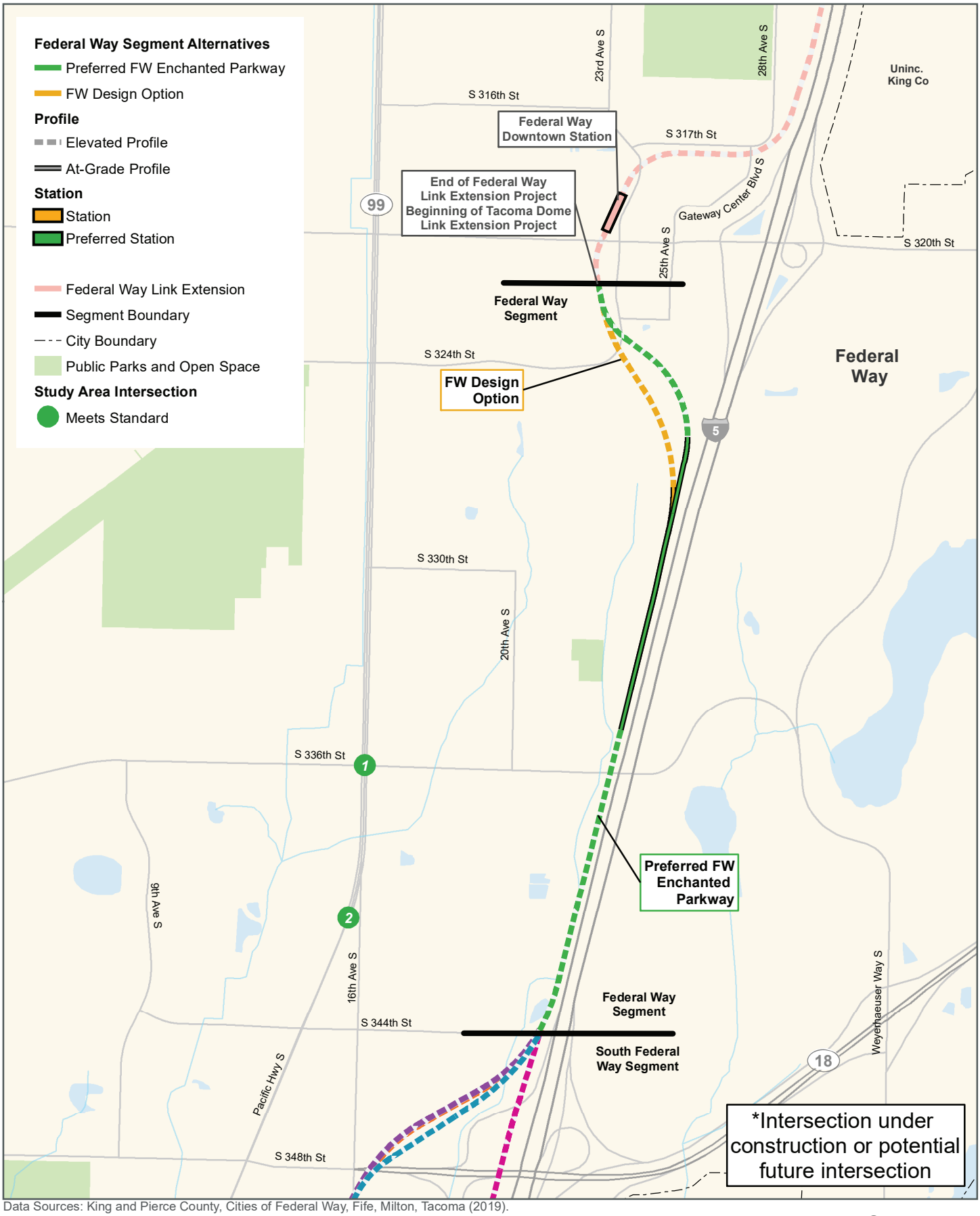

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-12
Existing Traffic Operations - PM Peak Hour
Federal Way Segment

N

0 0.25 0.5 Mile

Tacoma Dome Link Extension

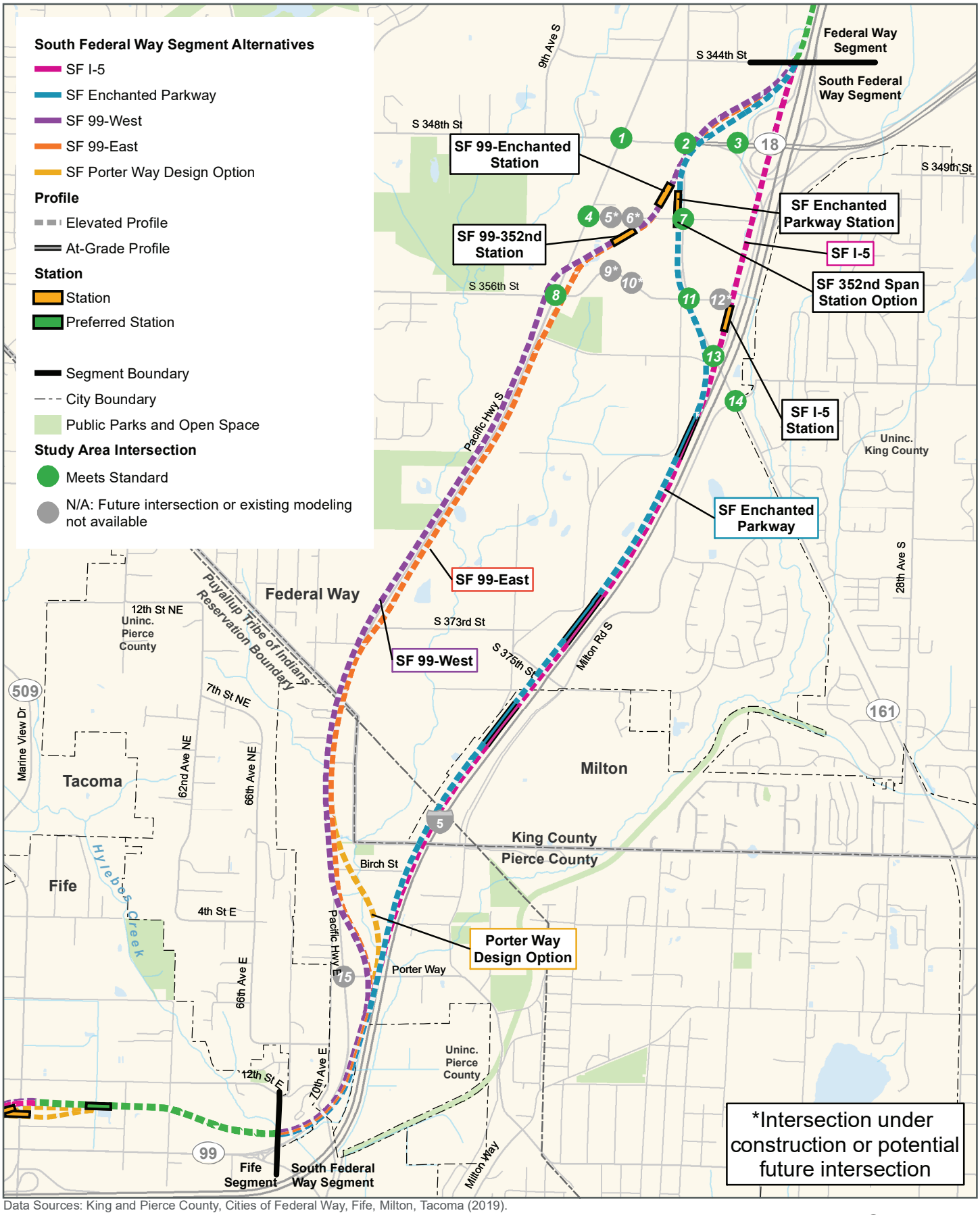

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-13
Existing Traffic Operations - AM Peak Hour
South Federal Way Segment

N

0 0.25 0.5 Mile

Tacoma Dome Link Extension

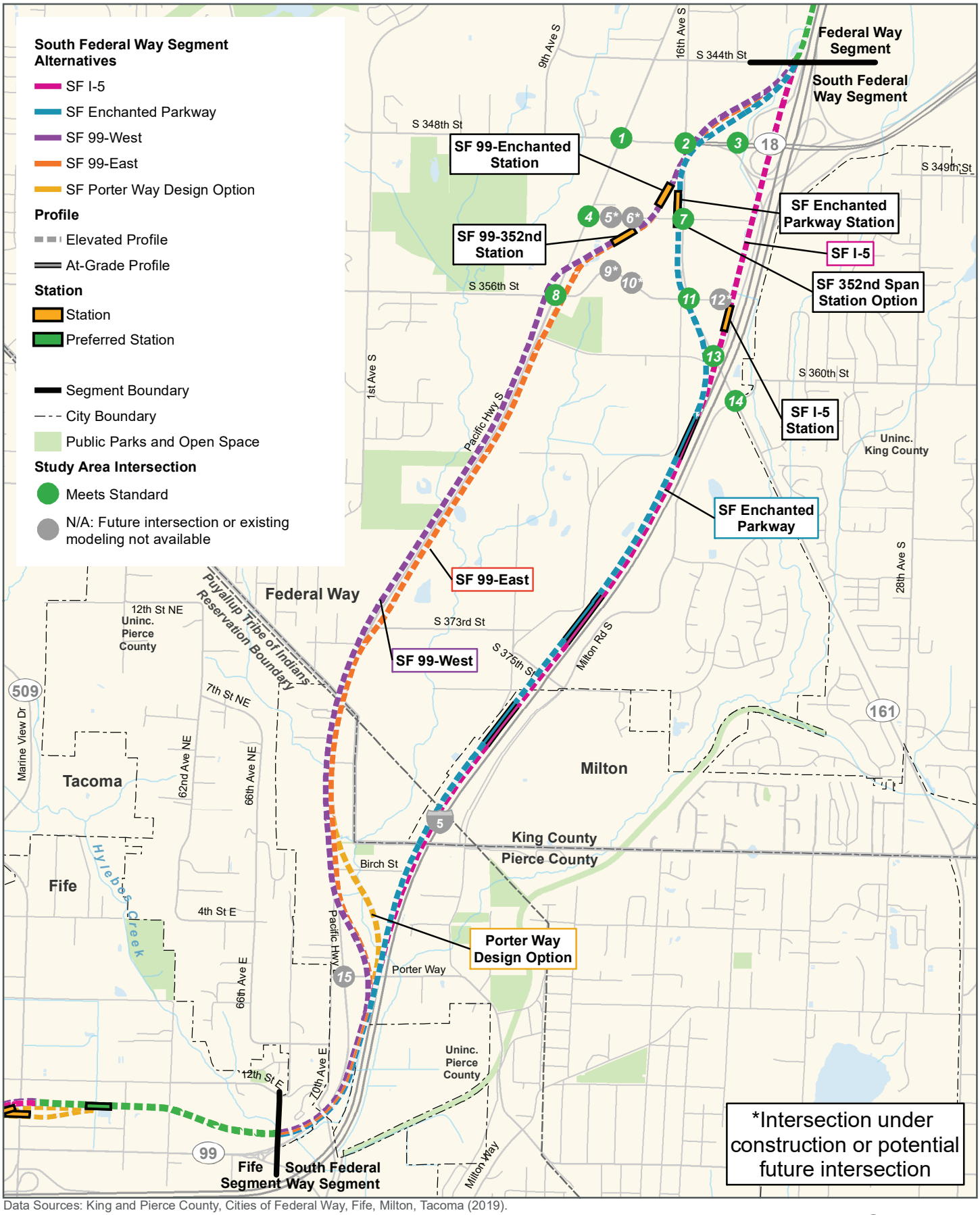

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-14
Existing Traffic Operations - PM Peak Hour
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

4.4.7.2 Fife Segment

The existing traffic operating conditions reflect year 2019 traffic volumes, based on the new traffic counts performed for the project, and current roadway conditions.

The roadway network and traffic volumes in the Fife Segment are anticipated to substantially change after the construction of the SR 167 Completion Project, as well as improvements to the I-5/54th Avenue E and Port of Tacoma Road interchanges. Because of these planned changes within the Fife Segment, the existing level of service was performed for select locations only to provide context. The existing L.O.S. at the sampling of study intersections are shown in Table 4-24. As shown, many of the intersections currently operate at L.O.S. E or F conditions, which is below the standard for both the City of Fife and WSDOT. The existing study intersection operations for the AM and PM peak hours in Fife are shown in Figures 4-15 and 4-16, respectively.

All Fife Segment study area intersections were evaluated for the future 2042 conditions with the planned improvements. Those future 2042 operations are presented in Section 5.3 of this report.

Table 4-24 Existing (2019) Traffic Operations – Fife Segment

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak Hour		PM Peak Hour	
				L.O.S.[1]	Delay[1]	L.O.S.	Delay
3	Port of Tacoma Road at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	C	26.4	***F***	***197.4***
12	54th Avenue E at 12th Street SE	Signal	City of Fife (L.O.S. D)	B	11.6	B	16.0
13	54th Avenue E at SR 99	Signal	WSDOT HSS (L.O.S. D)	D	38.5	***F***	***113.4***
14	54th Avenue E at I-5 Southbound Ramps	Signal	WSDOT HSS (L.O.S. D)	***E***	***60.0***	B	14.7
15	54th Avenue E at I-5 Northbound Ramps	TWSC[2]	WSDOT HSS (L.O.S. D)	B	12.8	***F***	***212.2***
16	54th Avenue E at 20th Street E	Signal	City of Fife (L.O.S. D)	D	46.2	D	41.5
18	52nd Avenue E at SR 99/Pacific Highway E	Signal	WSDOT HSS (L.O.S. D)	A	6.1	B	15.2
21	59th Avenue Court E at SR 99	Signal	WSDOT HSS (L.O.S. D)	A	7.3	***F***	***98.5***
22	12th Street E/59th Avenue Ct E	Signal	City of Fife (L.O.S. D)	A	6.3	A	6.1
24	62nd Avenue E at SR 99	TWSC	WSDOT HSS (L.O.S. D)	B	14.5	***F***	***456.4***
25	70th Avenue E at SR 99 (Wapato Way E at SR 99)	Signal	WSDOT HSS (L.O.S. D)	Not in model		***F***	***62.9***

Source: Future traffic operations models provided by WSDOT and City of Fife were combined and augmented to reflect year 2042 conditions with planned infrastructure and traffic control changes. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 and reflect average of 10 simulation runs. Analysis completed by Heffron Transportation Inc.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle.

(2) TWSC = two-way stop-controlled intersection.

(3) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.

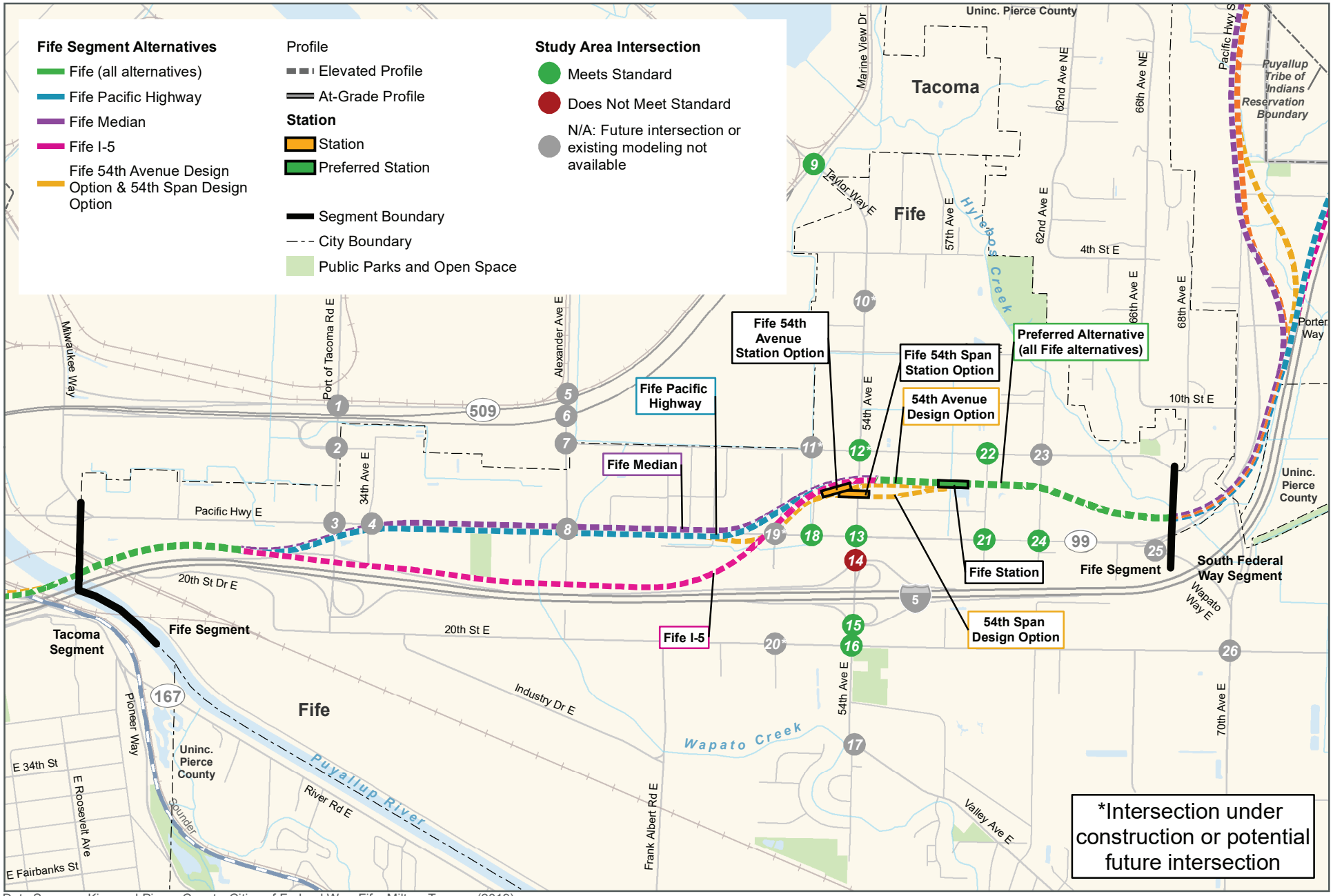

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-15
Existing Traffic Operations - AM Peak Hour
Fife Segment

Tacoma Dome Link Extension

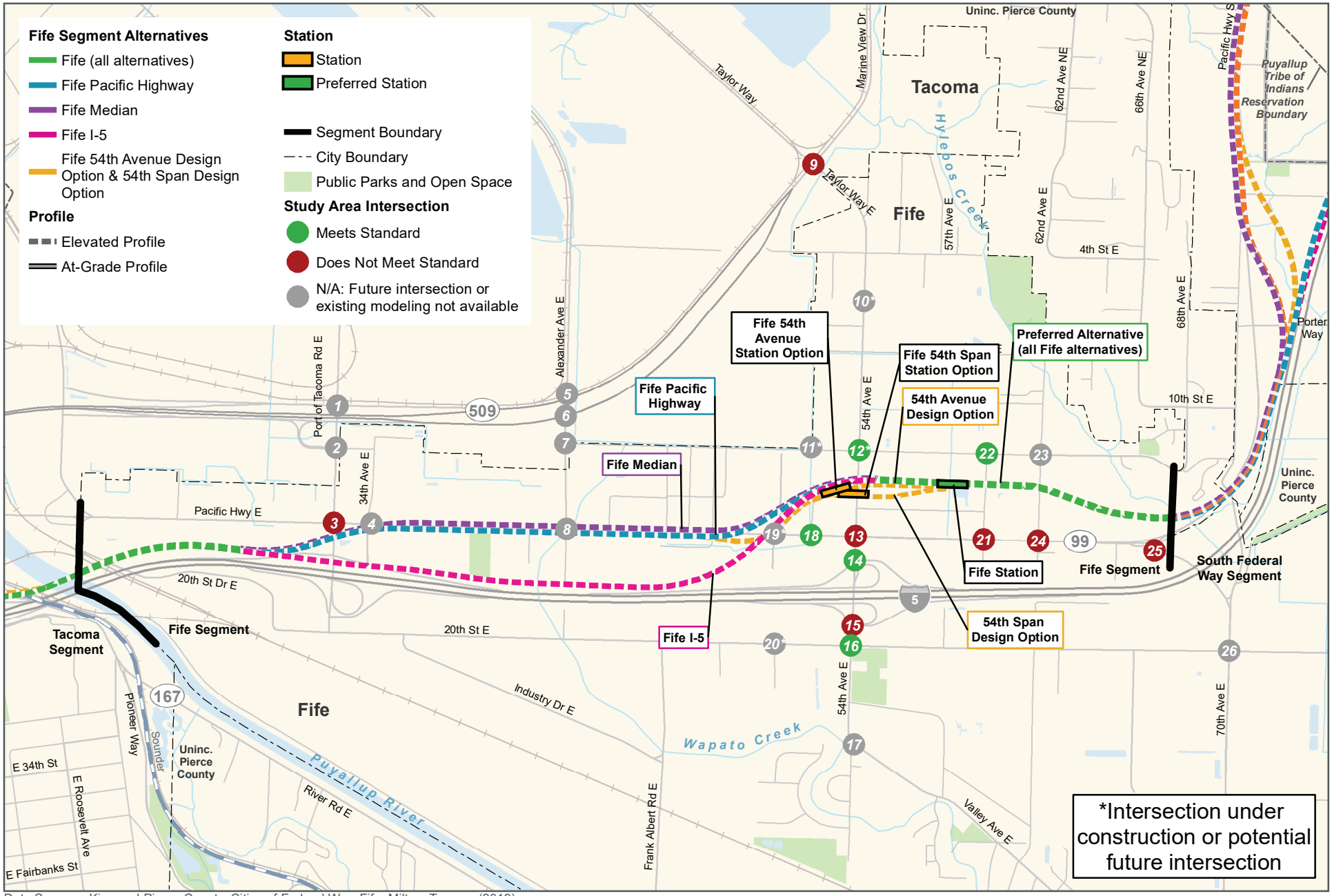

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-16

Existing Traffic Operations - PM Peak Hour
Fife Segment

Tacoma Dome Link Extension

4.4.7.3 Tacoma Segment

The existing traffic operating conditions reflect year 2019 traffic volumes, based on the new traffic counts performed for the project, and current roadway conditions. The City of Tacoma provided signal timing data for all signalized intersections in the Tacoma Segment. While signal timing data provided information such as pedestrian clearances and yellow/red times, no phasing or coordination information was provided. Because of this, existing traffic signals in the Tacoma Segment were coordinated and offset based on proximity and directional traffic volumes. Cycle lengths, phases, and splits were optimized for specific groups of intersections, including those signals on E Portland Avenue, Puyallup Avenue east of East C Street, Pacific Avenue/A Street, and the remaining signals near the Tacoma Dome. The East R Street interchange ramps along with other intersections not located along those corridors were assumed to be uncoordinated and were optimized independently. To reflect the influence of T Line on study intersections, intersections included a separate phase for T Line to replicate streetcar impacts on the intersection operations.

The existing AM and PM peak-hour intersection operations are reported in Table 4-25. Details included in the operations table include L.O.S., delay, and v/c ratio for the study intersections. To reflect current travel patterns and intersection operations, some minor traffic volume adjustments were made. The existing study intersection operations for the AM and PM peak hours in Tacoma are shown in Figures 4-17 and 4-18, respectively.

During the AM peak hour, most of the study intersections operate at or better than the intersection standards except for three two-way stop-controlled intersections. I-705 Northbound Off-Ramp/E 26th Street (Intersection #9), East C Street/Tacoma Dome Parking Lot (Intersection #11), and E Portland Avenue/E 26th Street (Intersection #33) all have minor street movements operating at either L.O.S. E or L.O.S. F. The worst movement, at East C Street/Tacoma Dome Parking Lot (Intersection #11), the westbound right turn, serves only five vehicles, which corresponds to a v/c ratio of 0.01.

Most intersections during the PM peak hour operate at or better than the intersection agency standards, except for two intersections that are both two-way stop-controlled intersections on E Portland Avenue. The intersections at E Portland Avenue/E 25th Street (Intersection #32) and E Portland Avenue/E 26th Street (Intersection #33) both operate below City of Tacoma agency standard at L.O.S. F. Neither movement operates with a v/c ratio above 0.99 (Tacoma v/c ratio standard).

Table 4-25 Existing (2019) Traffic Operations – Tacoma Segment

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak[1]			PM Peak		
				L.O.S.	Delay (sec/veh)	V/C ratio	L.O.S.	Delay (sec/veh)	V/C ratio
1	Pacific Avenue/ S 21st Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	25.0	0.70	C	33.1	0.73
2	Pacific Avenue/ S 24th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	34.3	0.56	D	41.2	0.66
3	Pacific Avenue/ S 25th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	26.4	0.54	C	27.7	0.64
4	Pacific Avenue/ S Tacoma Way/ S 26th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	28.8	0.63	C	25.1	0.70

Table 4-25 Existing Traffic Operations – Tacoma Segment (continued)

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak[1]			PM Peak		
				L.O.S.	Delay (sec/veh)	V/C ratio	L.O.S.	Delay (sec/veh)	V/C ratio
5	Pacific Avenue/ S 34th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8.3	0.49	A	9.9	0.62
6	A Street/S 24th Street/Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	3.7	0.56	A	7.0	0.71
7	A Street/S 25th Street/E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	B	11.4	0.38	B	14.4	0.50
8	A Street/S 26th Street/E 26th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	A	8.5	0.50	A	4.7	0.50
9	I-705 Northbound Off-Ramp/E 26th Street	TWSC[2]	WSDOT HSS (L.O.S. D)	***F***	***94.4***	***1.05***	D	32.1	0.43
10	East C Street/E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	C	22.0	0.46	C	31.6	0.36
11	East C Street/Tacoma Dome Parking Driveway	TWSC	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***F***	***91.0***	***0.01***	D	29.5	0.02
12	East C Street/E 26th Street	TWSC	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	D	26.1	0.15	C	24.3	0.50
13	East D Street/ E Dock Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	5.7	0.38	A	6.4	0.54
14	East D Street/Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	14.2	0.61	B	15.3	0.61
15	East D Street/E 25th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	23.8	0.49	C	32.7	0.41
16	East D Street/Tacoma Dome Parking Driveway	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	11.9	0.01	A	4.5	0.01
17	East D Street/E 26th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	15.7	0.60	B	12.1	0.75
18	East D Street/McKinley Way/E Wiley Avenue	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	7.2	0.08	B	10.2	0.31
19	McKinley Way/ E 34th Street	AWSC[3]	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8.2	0.41	B	11.1	0.48
20	East E Street/Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	4.4	0.50	B	15.4	0.52
21	East F Street/Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	3.4	0.43	A	6.6	0.34
22	East G Street/Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	6.0	0.52	B	11.3	0.53

Table 4-25 Existing Traffic Operations – Tacoma Segment (continued)

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak[1]			PM Peak		
				L.O.S.	Delay (sec/veh)	V/C ratio	L.O.S.	Delay (sec/veh)	V/C ratio
23	East G Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	C	23.7	0.42	C	31.0	0.58
24	East L Street/Puyallup Avenue	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	12.8	0.13	C	19.2	0.11
25	East L Street/E 26th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	5.0	0.04	A	5.6	0.05
26	East L Street/ E Wiley Avenue/ E 27th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	5.0	0.07	A	4.6	0.13
27	East L Street/E 28th Street[4]	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	-	-	-	-	-	-
28	East L Street/E 34th Street[4]	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	-	-	-	-	-	-
29	E Portland Avenue/SR 509 Westbound On-Ramp	TWSC	WSDOT HSS (L.O.S. D)	A	4.5	0.25	B	13.6	0.46
30	E Portland Avenue/SR 509 Eastbound Off-Ramp	TWSC	WSDOT HSS (L.O.S. D)	B	12.8	0.28	B	12.9	0.67
31	E Portland Avenue/Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	18.1	0.63	C	22.0	0.88
32	E Portland Avenue/E 25th Street	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	23.8	0.27	***F***	***61.3***	***0.73***
33	E Portland Avenue/E 26th Street	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***E***	***39.0***	***1.12***	***F***	***139.7***	***0.39***
34	E Portland Avenue/E 27th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	13.4	0.67	D	42.0	0.72
35	E Portland Avenue/E 28th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	14.4	0.67	C	20.1	0.72
36	E Portland Avenue/E 32nd Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	7.2	0.63	B	11.6	0.65
37	E Bay Street/SR 167 Access Ramps	Yield Control	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	5.8	0.29	C	18.1	0.29
38	E Bay Street/ E 27th Street/I-5 SB Off-Ramp	Signal	WSDOT HSS (L.O.S. D)	B	12.6	0.56	B	14.2	0.58
39	East R Street/E Bay Street/E 28th Street/I-5 NB On-Ramp	Signal	WSDOT HSS (L.O.S. D)	C	20.8	0.54	C	31.8	0.62
40	East R Street/E 30th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	5.5	0.17	A	5.9	0.23

Table 4-25 Existing Traffic Operations – Tacoma Segment (continued)

I.D.	Intersection	Control Type	Agency (Standard)	AM Peak[1]			PM Peak		
				L.O.S.	Delay (sec/veh)	V/C ratio	L.O.S.	Delay (sec/veh)	V/C ratio
41	East R Street/ E 32nd Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	6.1	0.19	A	8.1	0.27
42	East R Street/E 29th Street Roundabout	Roundabout	Tacoma (L.O.S. D) 0.89 v/c Ratio	-	-	0.21	-	-	0.08
43	E Bay Street/River Road E (SR 167)/ Pioneer Way E	Signal	WSDOT HSS (L.O.S. D)	C	21.7	0.69	D	50.7	0.59

Source: Traffic operations models developed by Parametrix. Signal timing data provided by City of Tacoma. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. HCM 6th edition for stop-control intersections. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle; v/c ratio = volume-to-capacity ratio for the overall intersection.
(2) TWSC = two-way stop-controlled intersection.
(3) AWSC = all-way stop-controlled intersection.
(4) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.
(5) This intersection was under construction, so no results are presented for existing conditions.

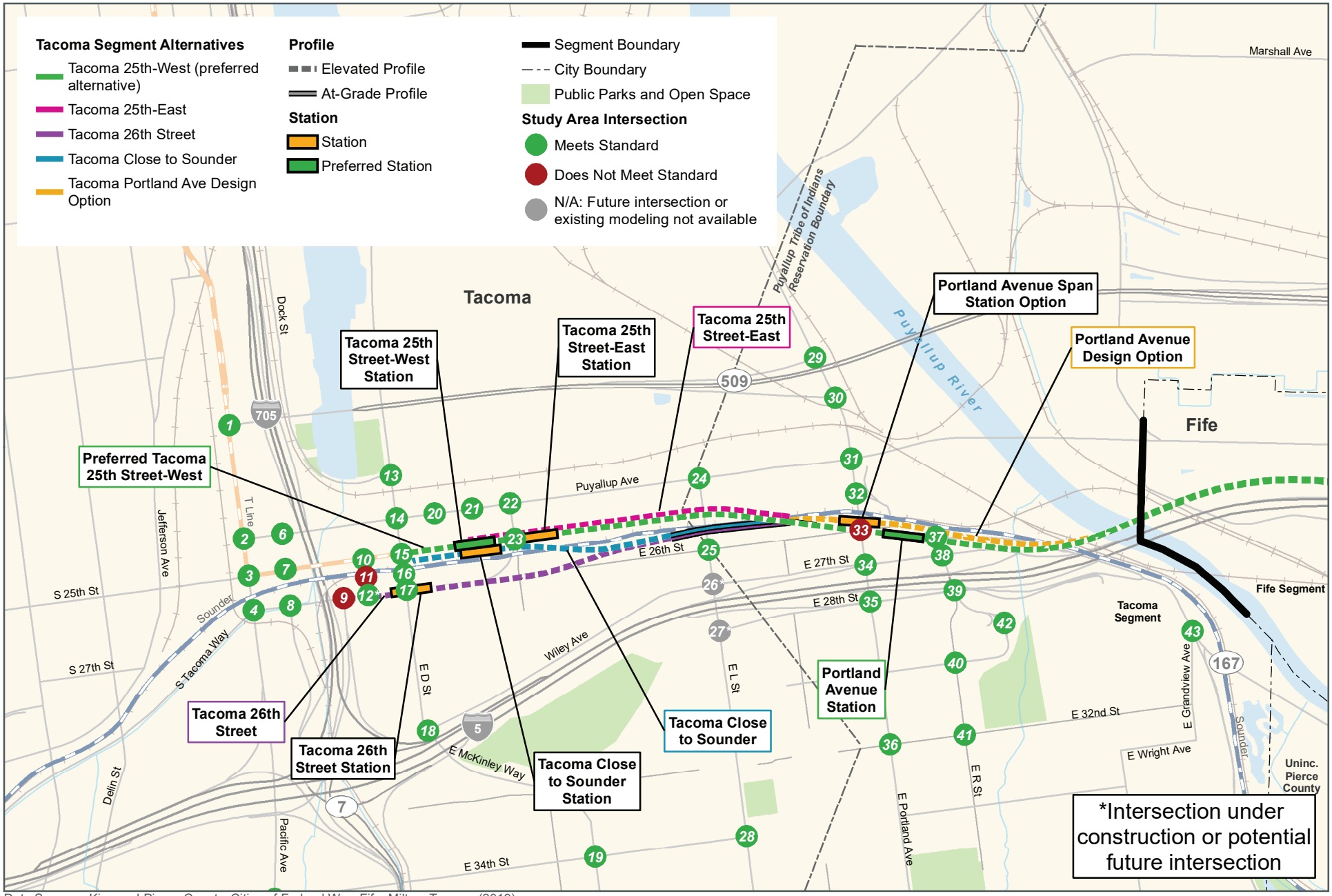

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-17

Existing Traffic Operations - AM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

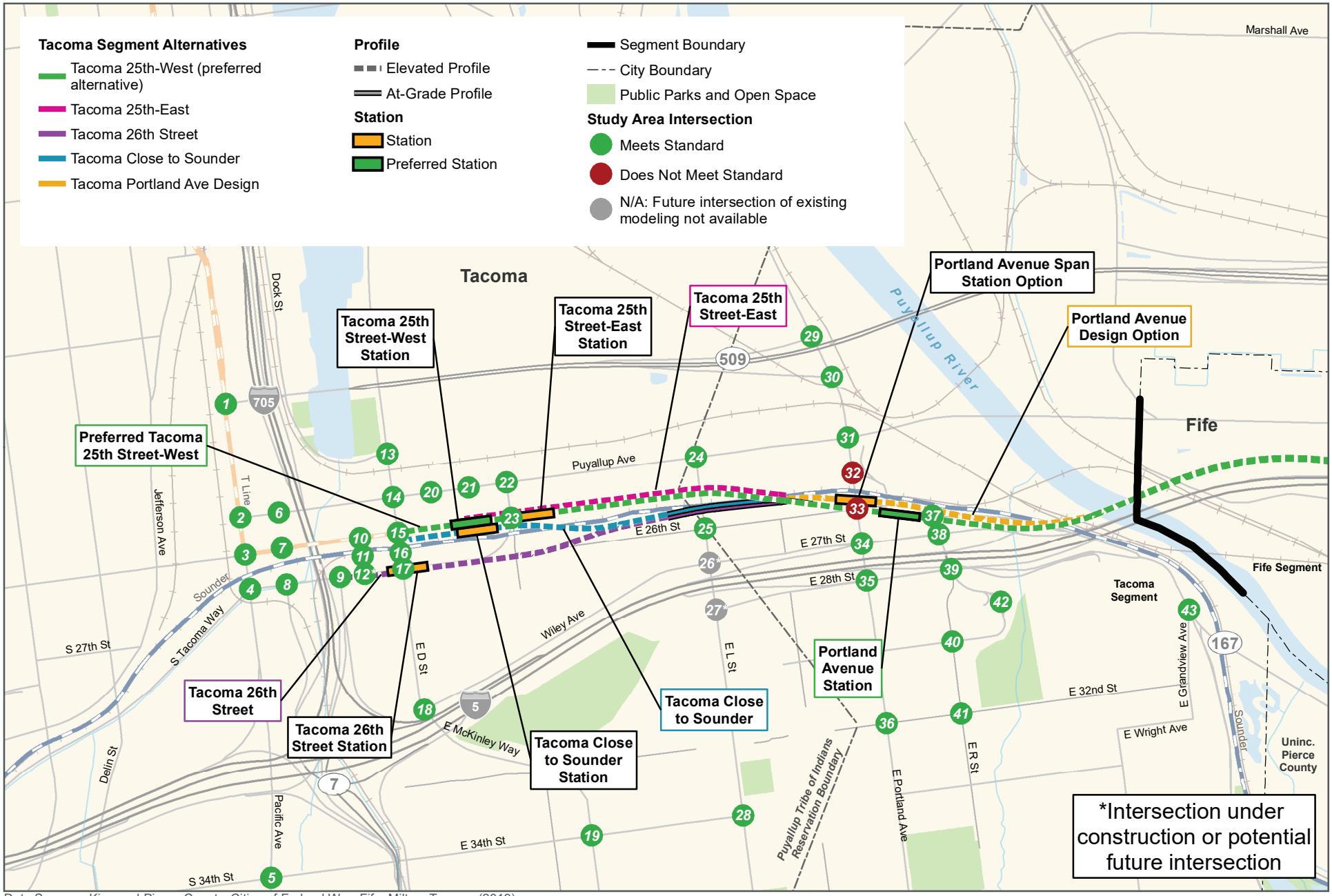

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-18

Existing Traffic Operations - PM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

4.5 Freight Mobility and Access

Freeways, arterials, and local streets are important for moving freight and goods in the study area. Truck mobility within the Puget Sound region, including the South Sound area, is largely supported by a system of designated freight routes.

WSDOT has designated the state freight corridors by modes based on annual freight tonnage moved by trucks, rail, and waterway freight corridors. This classification system is called the Freight and Goods Transportation System. The truck freight classifications range from T-1, with more than 10 million tons annually, to T-5, with more than 20,000 tons in 60 days, as summarized in Table 4-26. The study area contains several Freight and Goods Transportation System-designated freight routes which are shown in Figure 4-19.

Table 4-26 Freight Goods Transportation System Classification System

Freight Goods Transportation System Classification	Annual Gross Tonnage
T-1	Over 10,000,000
T-2	4,000,000 to 10,000,000
T-3	300,000 to 4,000,000
T-4	100,000 to 300,000
T-5	Over 20,000 in 60 days

Source: Washington State Freight and Goods Transportation System (FGTS) 2019 Update

The City of Tacoma also has a Freight Priority Network that includes a Heavy Haul Network to support commerce associated with the Port of Tacoma. This network establishes corridors within the City's transportation network, where designing roadways to accommodate freight as a priority modal user would be essential. The Heavy Haul Network is summarized in the City of Tacoma Transportation Master Plan and encompasses most of the streets in and near the Port of Tacoma. Design considerations include turn radii, paving and materials, and lane widths, as well as maintenance schedules.

As noted above in the daily classification counts, numerous streets in the Fife and Tacoma segments provide access to the Port of Tacoma, Tacoma Tideflats, and other industrial uses. These streets include E Portland Avenue, East D Street, Port of Tacoma Road, 34th Avenue E, Alexander Avenue E, and 54th Avenue E. E Portland Avenue and 54th Avenue E serve the highest volume of freight traffic, with approximately 5,000 daily trucks using the roadways. Port of Tacoma Road experienced less freight traffic, at about 4,000 trucks per day, while East D Street and Alexander Avenue E have approximately 1,000 trucks per day.

Of these Port of Tacoma access streets, E Portland Avenue north of SR 509 maintains the highest percentage of large trucks, at roughly 21 percent. Other T-1 roadways in the study segments have 10 percent large trucks. Small and medium trucks consistently made up about 15 percent of vehicle traffic on all T-1 freight routes providing access to the Port of Tacoma.

In addition, freight routes such as Pacific Highway E, SR 509, and Puyallup Avenue provide connections to the Port of Tacoma access roadways and are noted as either T-2 or T-3 freight routes. These roadways show large truck percentages close to 5 percent of all vehicles. The future SR 167 Completion Project is expected to change how trucks enter and exit the Port of Tacoma and Tideflats area, providing a limited-access connection direct to SR 509. It is expected that many trucks that now use 70th Avenue E, 54th Avenue E, Port of Tacoma Road, and E Portland Avenue would divert to the new SR 167.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-19
WSDOT Freight and Goods Classification

N

0 1 2 Miles

Tacoma Dome Link Extension

Although roadways in Federal Way do not directly connect with any access roadways to the Port of Tacoma, SR 18 (S 348th Street), Pacific Highway, and SR 161 are T-1, T-2, and T-3 freight routes, respectively. S 348th Street maintains the highest volume of freight traffic at more than 5,000 vehicles, while SR 161 and Pacific Highway are notably lower at roughly 3,000 vehicles. Trucks are roughly 5 percent of all vehicles on major roadways in South Federal Way.

Tacoma Rail operates freight rail service from the Port of Tacoma to their Mountain Division, which connects Tacoma to Chehalis and Morton, Washington. A portion of the rail line between the Port of Tacoma and the Tacoma Rail Mountain Division, near and at the Tacoma Dome Station, is owned by Sound Transit. Tacoma Rail has operating rights along the portion of Sound Transit-owned rail line. Tacoma Rail typically operates between two and three freight trains during the week in the evenings, and occasionally operate a train during the day.

4.6 Nonmotorized Access

The study area of effect for nonmotorized facilities is a 1-mile radius around each station for pedestrian facilities and a 3-mile radius around each station for bicycle facilities. The 1-mile radius around TDLE station locations represents the maximum distance typical riders would walk to the station and the 3-mile radius represents the maximum distance typical riders would bike to the station.

4.6.1 Pedestrian Facilities

Existing sidewalks and sidewalk gaps were inventoried on study area streets within 1 mile of stations, shown for both sides of the street on Figures 4-20 through 4-22. Sidewalk gaps exist where there is a lack of a dedicated pedestrian facility on the side of a public street.

Pedestrian facilities that were within 1 mile of the South Federal Way station locations were inventoried; streets located in both the Federal Way and South Federal Way segments fall within 1 mile of the station locations. In the Federal Way Segment, sidewalks are currently provided on most arterials, including Pacific Highway and 16th Avenue S (SR 161). There are some gaps on sections of S 336th Street and S 344th Street as well as other nearby local streets. Accessible pedestrian signals (APS) and other pedestrian safety elements, such as leading pedestrian intervals (LPIs) and no right turn on red phases, may not be provided at all signalized intersections.

In the South Federal Way Segment, sidewalks are currently provided on most arterial streets within a 1-mile radius of the proposed station locations. There are some existing gaps in the network, including on streets near Todd Beamer High School and in neighborhoods on the east side of I-5. Marked crosswalks are provided at most major intersections in the study area. Facilities such as curb ramps and sidewalks in the study area do not consistently meet current Americans with Disabilities Act (ADA) standards. APS and other pedestrian safety elements, such as LPIs and no right turn on red phases, may not be provided at all signalized intersections. Existing block sizes and current land uses in the station area are not conducive to pedestrian connectivity. Several intersections within a mile of the station area are large, resulting in pedestrian delay and decreased mobility. Pedestrian connectivity between the station area and the east side of I-5, where a large portion of the residential population within 1 mile of the station is located, is possible only at the I-5 overcrossing along Enchanted Parkway; sidewalks on this bridge are narrow, and high traffic volumes and lack of buffer to the adjacent travel lane may inhibit or discourage use by some pedestrians. Other than the residential population to the east of I-5, much of the remaining residential population is located more than a mile west of the station locations. There are only a few major east-west roadways that provide access between these areas and the station area.

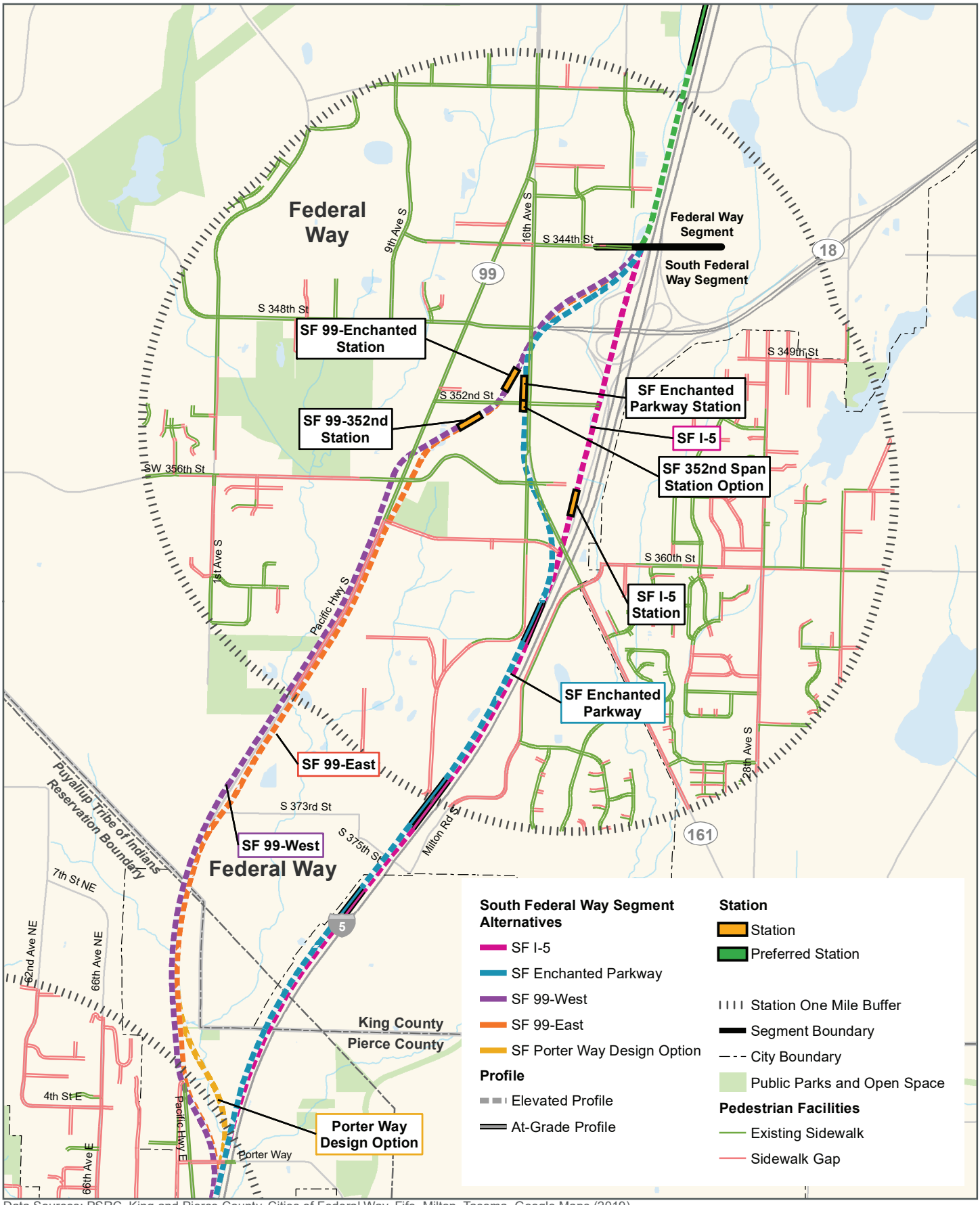

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Google Maps (2019).

FIGURE 4-20
Existing Pedestrian Facilities within One Mile of Station Alternatives South Federal Way Segment
Tacoma Dome Link Extension

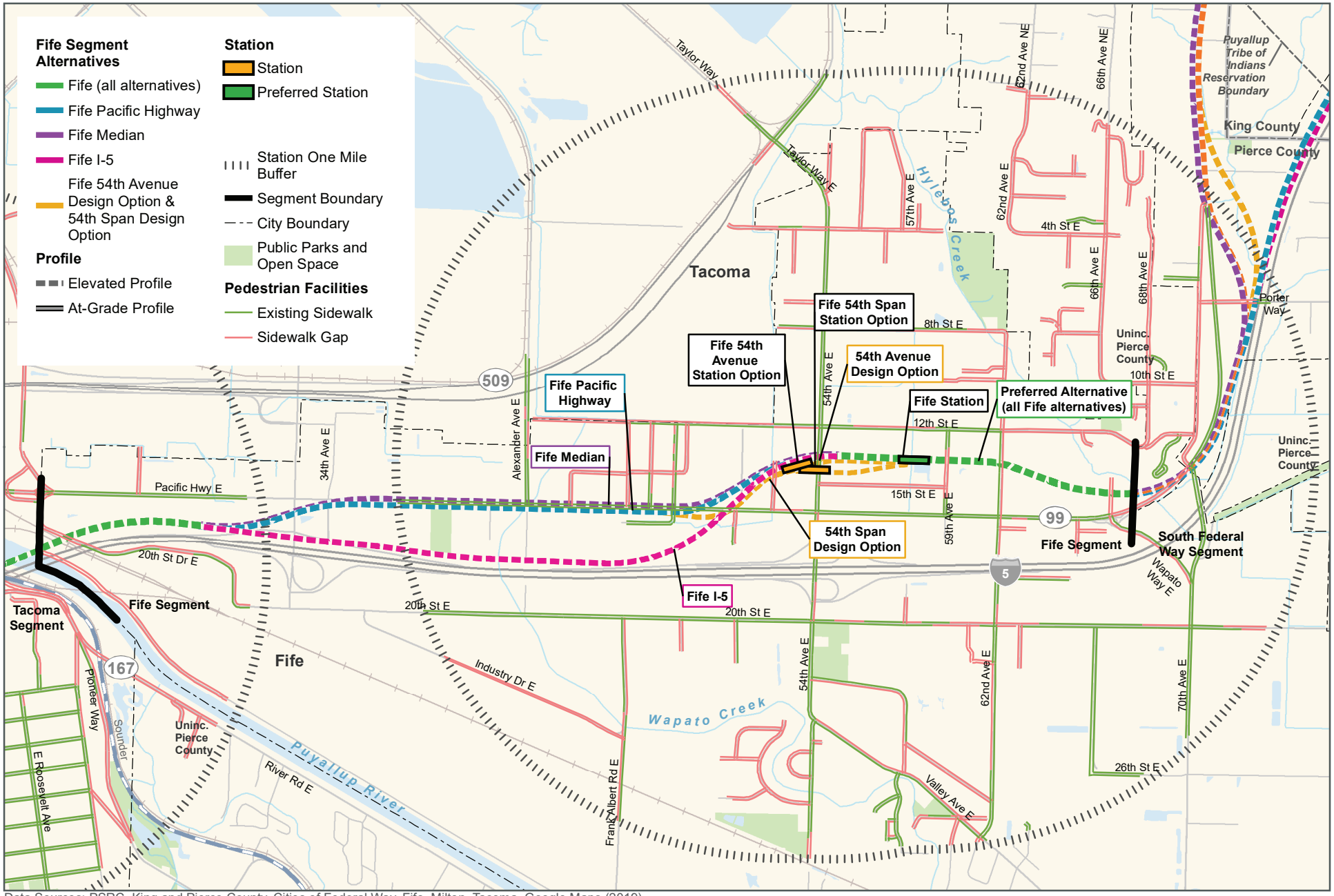

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Google Maps (2019).

N

0 0.5 1 Mile

FIGURE 4-21

Existing Pedestrian Facilities within One Mile of Station Alternatives
Fife Segment

Tacoma Dome Link Extension

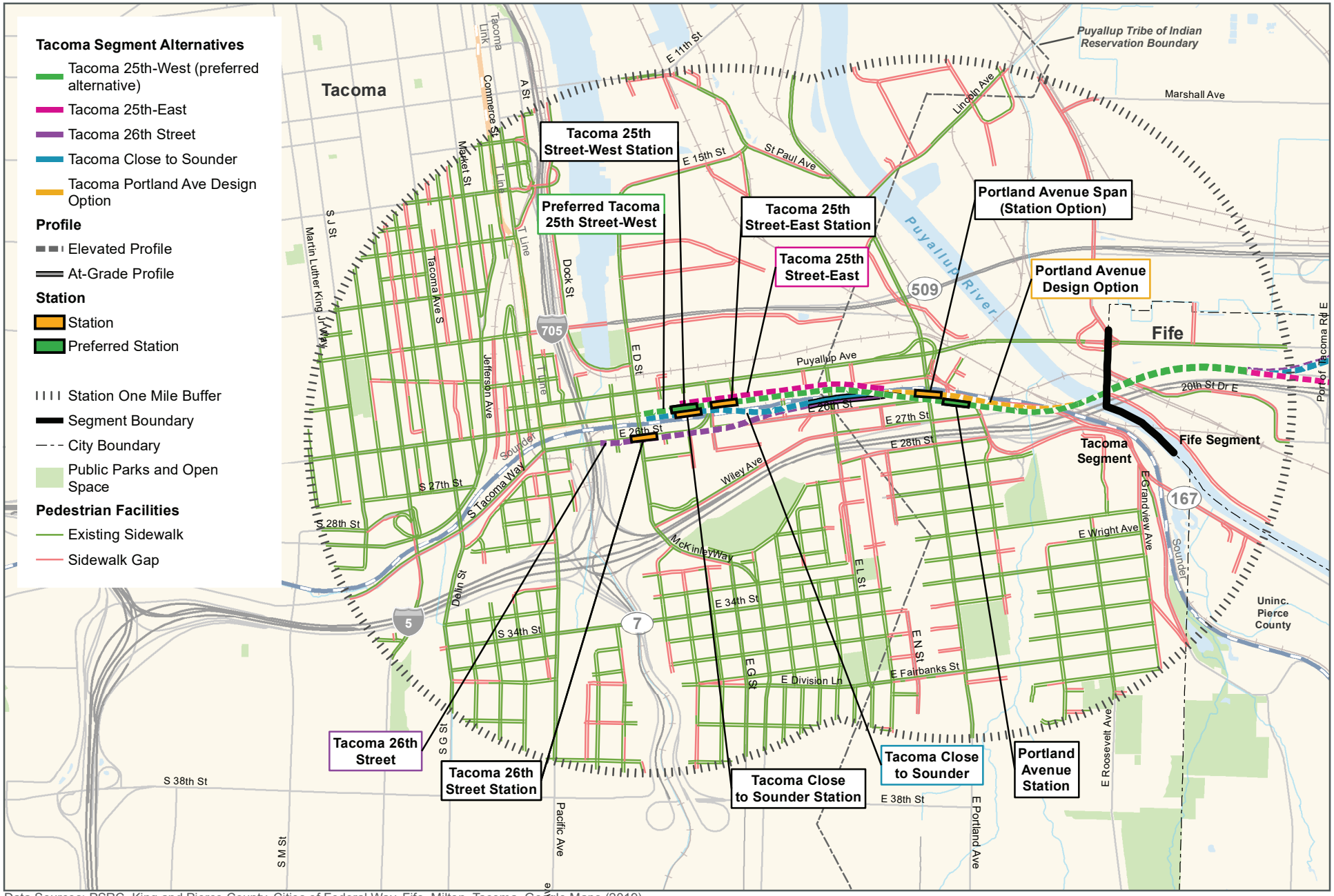

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Google Maps (2019).

N

0 0.5 1 Mile

FIGURE 4-22

Existing Pedestrian Facilities within One Mile of Station Alternatives
Tacoma Segment

Tacoma Dome Link Extension

In the Fife Segment, sidewalks are currently provided on some arterial streets within a 1-mile radius of the proposed stations. Notable existing gaps in the network include missing sidewalks on 59th Avenue E, 15th Street E, and 54th Avenue E at the overcrossing of I-5. Marked crosswalks are provided at most major signalized intersections. Curb ramps and sidewalks within the 1-mile radius do not consistently meet current ADA standards. APS and other pedestrian safety elements, such as LPIs and no right turn on red phases, may not be provided at all signalized intersections. In the immediate vicinity of the station, there is a lack of street grid, which reduces pedestrian connectivity. The Wapato Way E crossing of I-5 includes a shared-use path, while the crossings at 54th Avenue E and Porter Way both provide minimal pedestrian facilities. Much of the population near the station area is located on the south side of I-5 beyond a half-mile walking distance to the station.

In the Tacoma Segment, sidewalks are currently provided on some arterial streets within a 1-mile radius of the proposed stations near Portland Avenue and near the Tacoma Dome station locations. Near the proposed Portland Avenue Station, sidewalk gaps exist on many of the east-west streets north of I-5. Marked crosswalks are not currently provided at many intersections. Curb ramps and sidewalks within the 1-mile radius of the Portland Avenue Station do not consistently meet current ADA standards. APS and other pedestrian safety elements, such as LPIs and no right turn on red phases, may not be provided at all signalized intersections. There are two undercrossings of I-5 near the Portland Avenue Station — one at E Portland Avenue and one at E Bay Street. These undercrossings provide sidewalks but are adjacent to high-volume roadways with a higher percentage of large trucks. Near the proposed station locations in the Tacoma Dome vicinity, there are existing sidewalk gaps on E 25th Street and E 26th Street east of the stations and on the north side of Puyallup Avenue between E McKinley Avenue and the entrance to the Tacoma Dome parking garage. Crosswalks are provided at most intersections near the station locations proposed near the Tacoma Dome; marked crosswalks are missing at several of the intersections with Puyallup Avenue, including East D Street, East F Street, and East G Street. However, curb ramps and pedestrian signals are provided at these locations. Curb ramps and sidewalks within the 1-mile radius do not consistently meet current ADA standards.

4.6.2 Bicycle Facilities

On-street bicycle facilities are currently provided on several streets within a 3-mile radius of the proposed station locations, as shown in Figures 4-23 through 4-25. In the Federal Way Segment, bicycle lanes (striped shoulders with bicycle markings) are present along S 324th Street connecting to the BPA Trail, with shared lane markings connecting to Celebration Park on Celebration Park Road, 9th Avenue S, 332nd Street west of 13th Place S, and S 330th Street west of Pacific Highway. In the South Federal Way Segment, bicycle lanes (striped shoulders with bicycle markings) are provided on Enchanted Parkway (SR 161) south of S 352nd Street, along S 352nd Street, and along S 356th Street and provide connections into the immediate station area.

In the Fife Segment, bicycle lanes (striped shoulders with bicycle markings) are present on 54th Avenue E south of 20th Street E and on Pacific Highway E between Alexander Avenue E and 20th Street E. Bicycle lanes (striped shoulders with bicycle markings) are also present on Pacific Highway between 54th Avenue E and 62nd Avenue E, and on 12th Street E between 48th Avenue E and 52nd Avenue E.

In the Tacoma Segment, bicycle lanes (striped shoulders with bicycle markings) are currently located along a number of streets in Tacoma, with long stretches of bicycle lanes and key connections on the following streets:

- East L Street between Puyallup Avenue and E 26th Street and on the I-5 crossing.
- East D Street between SR 509 and Wiley Avenue and continuing along E McKinley Way to East G Street.
- S Yakima Avenue and S Thompson Avenue across I-5 and on S Yakima Avenue from S 46th Street to the south outside of the study area.
- Tacoma Avenue S, Delin Street, and South G Street between S 25th Street and S 38th Street.
- S 15th Street between Pacific Avenue and S Cedar Street.
- N Tacoma Avenue/S Stadium Way between S 7th Street and McCarver Street.
- S 6th Avenue between S Ainsworth Street and Broadway.
- S Alaska Street from E 38th Street to the south outside of the study area.

Bicycle boulevards, shared roadways with traffic calming and signed bicycle priority are also provided along a number of streets in the Tacoma Segment including:

- S 37th Street between Pacific Avenue and S Hosmer Street.
- South G Street and Park Avenue S from E 38th Street south outside of the study area.
- East I Street from Wright Avenue to E 40th Street.
- Fawcett Avenue from S 25th Street to S 6th Avenue.
- South G Street between Division Avenue and S 6th Avenue.
- N Yakima Avenue from outside of the study area to Division Avenue.

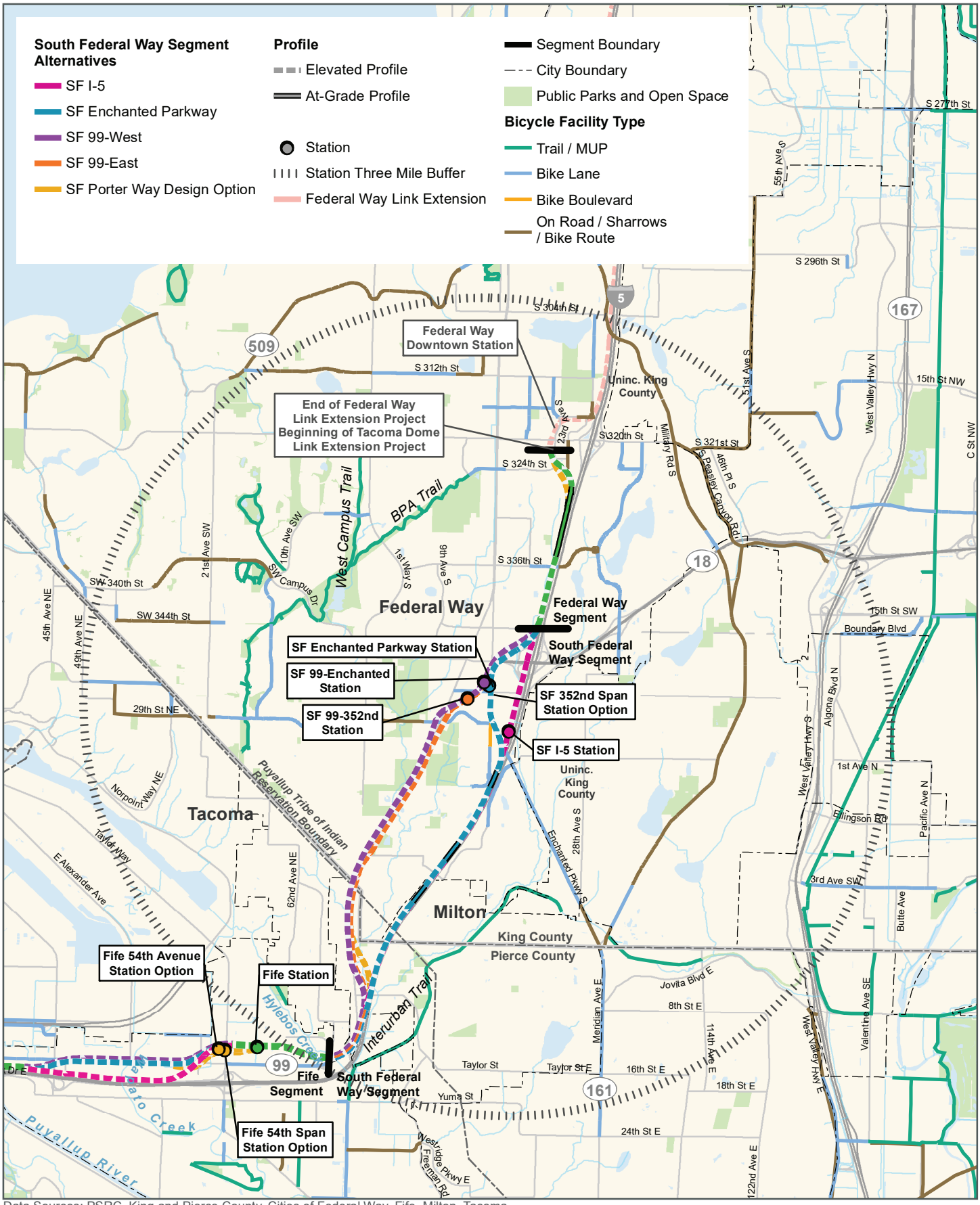

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Edgewood, Fircrest, University Place, Puyallup, Pacific, Algona, Auburn, Sumner, Google Maps (2019).

N

0 1 2 Miles

FIGURE 4-23
Existing Bicycle Facilities within Three Miles of Station Alternatives
South Federal Way Segment
Tacoma Dome Link Extension

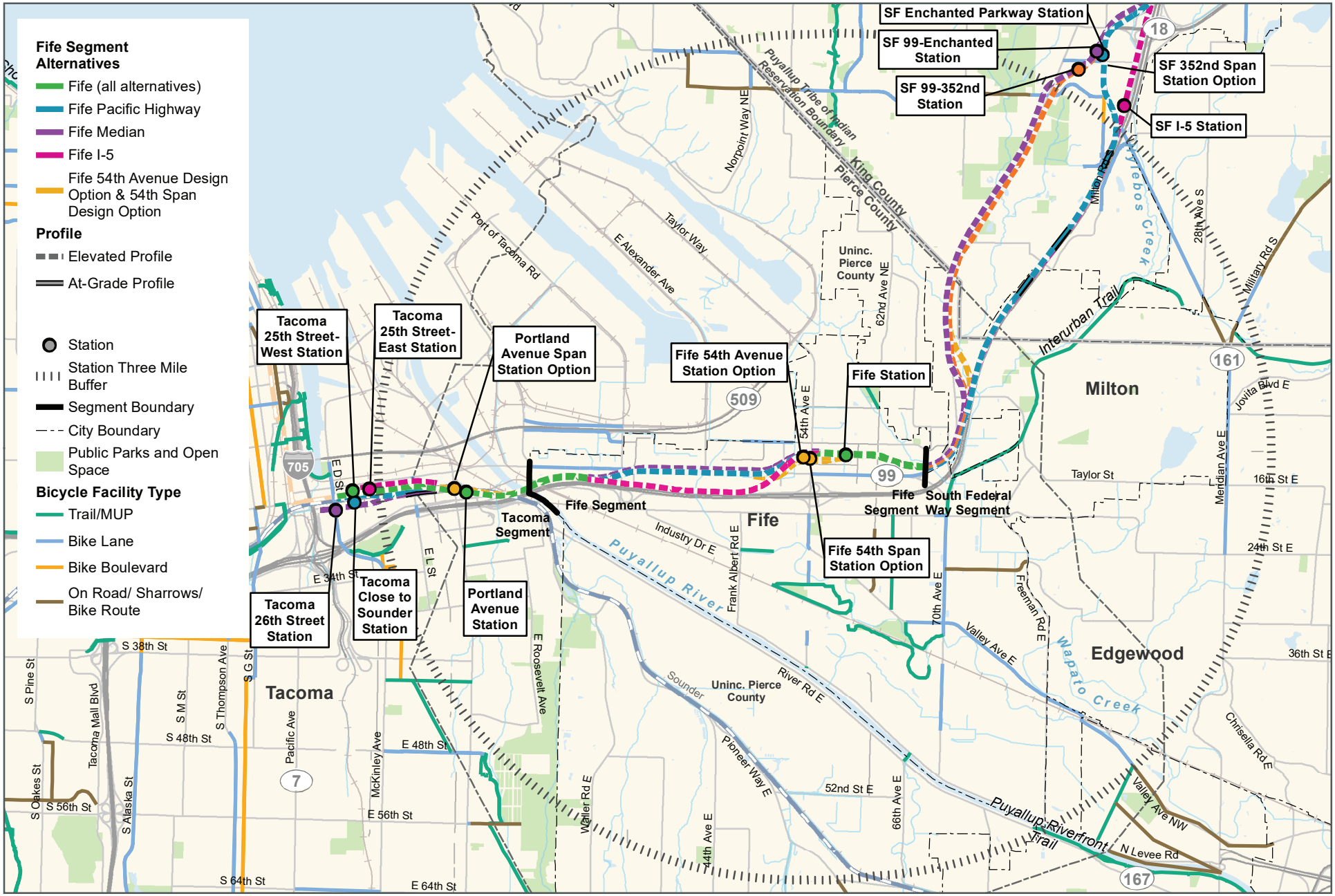

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Edgewood, Fircrest, University Place, Puyallup, Pacific, Algona, Auburn, Sumner, Google Maps (2019).

FIGURE 4-24

Existing Bicycle Facilities within Three Miles of Station Alternatives
Fife Segment

Tacoma Dome Link Extension

N

0 1 2 Miles

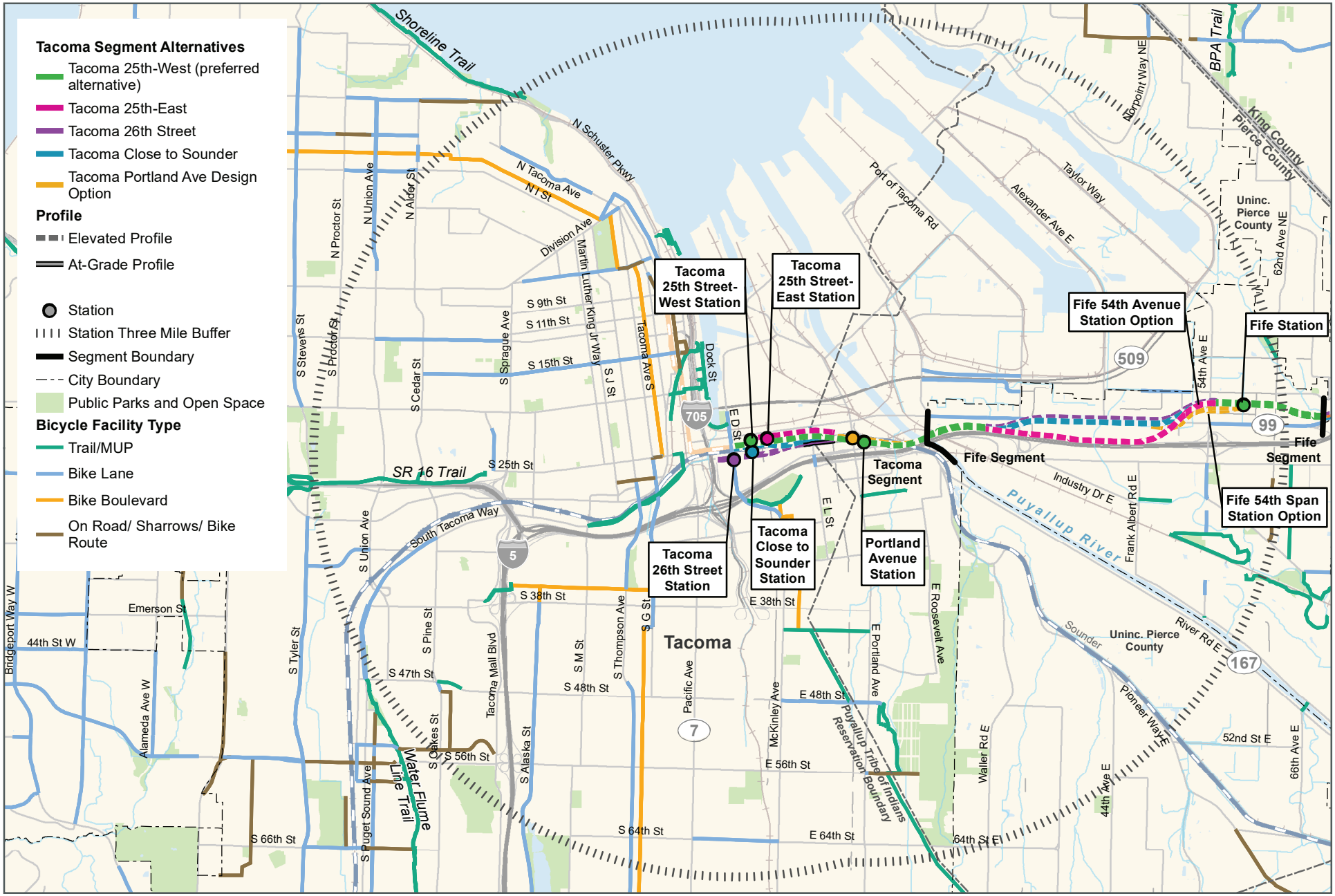

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Edgewood, Fircrest, University Place, Puyallup, Pacific, Algona, Auburn, Sumner, Google Maps (2019).

FIGURE 4-25

Existing Bicycle Facilities within Three Miles of Station Alternatives
Tacoma Segment

Tacoma Dome Link Extension

N

0 1 2 Miles

4.6.3 Shared-Use Paths

There are currently several shared-use paths in the study segments, as shown on Figures 4-23 through 4-25. In the Federal Way and South Federal Way segments, the BPA Trail is located to the northwest of the station locations at South Federal Way; the BPA Trail, which extends along the Bonneville Power Administration transmission line right-of-way and connects Celebration Park and Madrona Park in Federal Way, connects to the immediate station area via S 356th Street. In the Fife Segment, the Interurban Trail can be accessed from the Wapato Way E shared-use path at the intersection of SR 99/Wapato Way E and connects Fife to Milton and unincorporated King County. This segment of the Interurban Trail is related but unattached to the longer Interurban trail that connects Tukwila, Kent, Auburn, Pacific, and Algona.

In the Tacoma Segment, the Prairie Line Trail is located to the northwest of the proposed station locations near the Tacoma Dome and provides connections through the University of Washington Tacoma campus. The Scott Pierson Trail connects Gig Harbor with Tacoma and is located to the west of the proposed station locations near the Tacoma Dome. The Water Flume Line Trail is also located to the west of the proposed station locations near the Tacoma Dome. None of these shared-use paths provides direct connections to the proposed station locations. The Thea Foss Waterway Public Esplanade is located to the north of the proposed station locations between S 15th Street and E Dock Street; nonmotorized access is provided between the immediate station locations and the Thea Foss Waterway Public Esplanade via bicycle lanes on East D Street. The Pipeline Trail is located to the south of the Portland Avenue Station but does not provide a direct connection to the station. There are paved and unpaved shared-use paths within Swan Creek Park, located to the southeast of the proposed Portland Avenue Station.

4.7 Safety

This section discusses current safety-related conditions in the TDLE corridor and includes a review of crash data records for roadways in the study area. Crash data records were collected from WSDOT for the 3-year period from January 2016 to December 2018 for all four study segments. This period was selected because it is consistent with 2019 observed traffic data and represents the most recent available data for the pre-COVID pandemic condition. This does not include crash data from 2020 and 2021, when traffic volumes on arterial roadways were lower, according to WSDOT data. Historical crash data were reviewed to identify if any of the study area intersections have existing safety concerns that could be impacted by the proposed project.

The crash data were evaluated at study intersections, along I-5 mainline, and at I-5 ramps by severity, type, and frequency. The safety analysis was completed for intersection-related crashes, including both crashes occurring at an intersection and crashes caused by intersection operations (e.g., rear-end crashes resulting from vehicle queueing). Along the I-5 mainline, the safety analysis includes crashes that occurred on the I-5 mainline between interchanges inclusive of both HOV and GP lanes. I-5 ramp crashes were also analyzed and include crashes that did not occur at ramp interchange intersections and were not intersection related. Finally, a clear zone impact analysis was completed along southbound I-5.

4.7.1 Crashes by Severity

The following sections describe crashes in the study segments by crash severity. Crash severities can include no injuries (property damage only), possible injuries, minor injuries, major injuries, and fatalities.

4.7.1.1 Intersection Crashes

Tables 4-27, 4-28, 4-29, and 4-30 summarize intersection crashes by severity and include total crashes over the specified 3-year period for the Federal Way, South Federal Way, Fife, and Tacoma segments.

As shown in Tables 4-27 through 4-30 many crashes at the study intersections, resulted in property damage only in the study segments (approximately 60 percent in both Federal Way and Tacoma, approximately 70 percent in South Federal Way, and nearly 75 percent in Fife). Almost all remaining crashes resulted in a minor or possible injury.

While no fatal crashes occurred in the Federal Way Segment, one fatality crash occurred in the South Federal Way Segment, two fatality crashes occurred in Fife, and two fatality crashes occurred in Tacoma. One of the fatalities that occurred in the Fife Segment and one of the fatalities in the South Federal Way Segment were a result of drivers' disregard of traffic signals (Fife Intersections #8 and South Federal Way Intersection #13), and one was the result of driver inattention (Fife Intersection #3). Contributing circumstances surrounding the two fatal crashes in the Tacoma Segment involved a driver not granting right-of-way to another vehicle (Tacoma Intersection #33) and a driver striking a pedestrian with a vehicle (Tacoma Intersection #35).

Table 4-27 Crashes by Severity (January 2016 to December 2018) Federal Way Segment Intersections

Intersections		Crash Severities						
I.D.	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
1	SR 99 (Pacific Highway) at S 336th Street	0	0	7	18	35	0	60
2	SR 99 (Pacific Highway) at 16th Avenue S	0	0	2	11	30	0	43
	Federal Way Segment Total	***0***	***0***	***9***	***29***	***65***	***0***	***103***

Source: WSDOT Crash Data 2016–2018

Table 4-28 Crashes by Severity (January 2016 to December 2018) South Federal Way Segment Intersections

Intersections		Crash Severities						
I.D.	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
1	SR 99 (Pacific Highway) at S 348th Street	0	3	2	20	67	0	92
2	SR 161/Enchanted Parkway at S 348th Street	0	0	5	31	107	0	143
3	I-5 Southbound Ramps at SR 18 Mainline	0	0	2	12	25	0	39
4	SR 99 (Pacific Highway) at S 352nd Street	0	0	0	0	3	0	3
5	S 352nd Street and western SF 99-352nd Station Access (Future Intersection)	Future Intersection						

Table 4-28 Crashes by Severity (January 2016 to December 2018) South Federal Way Segment Intersections (continued)

I.D.	Intersections	Crash Severities						
	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
6	S 352nd Street and eastern SF 99-352nd Station Access (Future Intersection)	Future Intersection						
7	SR 161/Enchanted Parkway at S 352nd Street	0	0	0	2	1	1	4
8	SR 99 (Pacific Highway) at S 356th Street	0	0	1	11	26	0	38
9	S 356th Street and western SF 99-352nd Station Access (Future Intersection)	Future Intersection						
10	S 356th Street and eastern SF 99-352nd Station Access (Future Intersection)	Future Intersection						
11	SR 161/Enchanted Parkway at S 356th Street	0	1	7	22	69	5	104
12	I-5 SB Off-Ramp Roundabout at S 356th Street (Future Intersection)	Future Intersection						
13	SR 161 (Enchanted Parkway) at SR 18 Westbound Off-Ramp	0	0	1	3	10	1	15
14	SR 161(Enchanted Parkway) at Milton Road S/20th Avenue S	0	0	0	3	12	0	15
15	SR 99 (Pacific Highway) and Porter Way	1	0	2	8	20	0	31
	South Federal Way Segment Total	***1***	***4***	***20***	***112***	***340***	***7***	***484***

Source: WSDOT Crash Data 2016–2018

Table 4-29 Crashes by Severity (January 2016 to December 2018) Fife Segment Intersections

I.D.	Intersections	Crash Severities						
	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
1	Port of Tacoma Road and SR 509 Westbound Ramps	0	2	1	0	4	0	7
2	Port of Tacoma Road and SR 509 Eastbound Ramps	0	0	0	3	3	0	6
3	Pacific Highway E and Port of Tacoma Road	1	0	6	13	66	0	86
4	Pacific Highway E and 34th Avenue E	0	0	1	7	11	0	19
5	SR 509 Westbound and Alexander Avenue E	0	0	2	4	8	0	14
6	SR 509 Eastbound and Alexander Avenue E	0	0	1	13	20	0	34
7	Alexander Avenue E and 12th Street E	0	0	1	2	4	0	7
8	Pacific Highway E and Alexander Avenue E	1	0	2	3	20	0	26
9	SR 509 and Taylor Way E/54th Avenue E	0	0	0	7	15	4	26
10	SR 167 and 54th Avenue E (Future Intersection)	Future Intersection						

Table 4-29 Crashes by Severity (January 2016 to December 2018) Fife Segment Intersections (continued)

I.D.	Intersections	Crash Severities						
	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
11	52nd Avenue E and 12th Street E (Future Intersection)	Future Intersection						
12	54th Avenue E and 12th Street E	0	0	4	6	17	0	27
13	SR 99 and 54th Avenue E	0	0	4	20	60	1	85
14	54th Avenue E and I-5 Southbound Ramps	0	0	0	7	15	0	22
15	54th Avenue E and I-5 Northbound Ramps	0	1	4	15	52	1	73
16	54th Avenue E and 20th Street E	0	0	1	5	35	0	41
17	54th Avenue E and Valley Avenue E	0	0	0	0	2	0	2
18	52nd Avenue E at Pacific Highway E	0	0	0	6	9	1	16
19	SR99/Pacific Highway E and I-5 Southbound Ramps (Future Intersection)	Future Intersection						
20	20th Street E and I-5 Northbound Ramps (Future Intersection)	Future Intersection						
21	SR 99 (Pacific Highway) and 59th Avenue Court E	0	0	2	5	12	0	19
22	59th Avenue Court E at 12th Street E	0	0	0	0	1	0	1
23	12th Street E and 62nd Avenue E	0	0	0	5	1	0	6
24	SR 99 (Pacific Highway) and 62nd Avenue E	0	0	0	2	13	0	15
25	SR 99 (Pacific Highway) and 70th Avenue E (Wapato Way E and SR 99)	0	0	6	7	27	1	41
26	20th Street E and 70th Avenue E	0	0	0	7	7	0	14
	Fife Segment Total	***2***	***3***	***35***	***137***	***400***	***8***	***546***

Source: WSDOT Crash Data 2016–2018

Table 4-30 Crashes by Severity (January 2016 to December 2018) Tacoma Segment Intersections

I.D.	Intersections	Crash Severities						
	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
1	Pacific Avenue and S 21st Street	0	1	1	7	17	0	26
2	Pacific Avenue and Puyallup Avenue/ S 24th Street	0	0	0	4	5	0	9
3	Pacific Avenue and S 25th Street	0	1	0	2	6	0	9
4	Pacific Avenue and S 26th Street/ S Tacoma Way	0	0	3	10	7	1	21
5	Pacific Avenue and E 34th Street	0	0	0	5	4	0	9
6	Puyallup Avenue and A Street	0	0	0	2	5	0	7
7	E 25th Street and A Street	0	0	0	0	0	0	0
8	E 26th Street and A Street	0	0	0	0	4	0	4
9	E 26th Street and I-705 Northbound Off-Ramp	0	0	0	4	14	0	18
10	E 25th Street and East C Street	0	0	0	0	2	0	2
11	Tacoma Dome Parking Driveway and	0	0	0	0	0	0	0

Table 4-30 Crashes by Severity (January 2016 to December 2018) Tacoma Segment Intersections (continued)

I.D.	Intersections	Crash Severities						
	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
	East C Street							
12	E 26th Street and East C Street	0	1	0	1	0	0	2
13	East D Street and E Dock Street	0	0	0	0	2	0	2
14	Puyallup Avenue and East D Street	0	0	0	2	7	0	9
15	East D Street and E 25th Street	0	0	2	1	1	0	4
16	East D Street and Tacoma Dome Parking Driveway	0	0	0	0	0	0	0
17	East D Street and E 26th Street	0	0	1	2	1	0	4
18	East D Street/McKinley Way and E Wiley Avenue	0	0	0	1	1	0	2
19	E McKinley Avenue and E 34th Street	0	0	0	1	2	0	3
20	Puyallup Avenue and East E Street	0	0	0	0	1	0	1
21	Puyallup Avenue and East F Street	0	0	0	0	3	0	3
22	Puyallup Avenue and East G Street	0	0	1	1	1	0	3
23	East G Street/E 26th Street and E 25th Street	0	0	0	0	2	0	2
24	Puyallup Avenue and East L Street	0	0	0	1	2	0	3
25	East L Street and E 26th Street	0	0	1	1	0	0	2
26	East L Street and E 27th Street/ E Wiley Avenue	0	0	0	0	1	0	1
27	East L Street and E 28th Street	0	1	0	0	1	0	2
28	East L Street and E 34th Street	0	0	1	1	3	0	5
29	E Portland Avenue and SR 509 Southbound On-Ramp	0	0	0	2	5	1	8
30	E Portland Avenue and SR 509 Northbound Off-Ramp	0	0	0	6	9	0	15
31	E Portland Avenue and Puyallup Avenue	0	0	0	6	19	0	25
32	E Portland Avenue and E 25th Street/ E Bay Street	0	0	1	3	11	0	15
33	E Portland Avenue and E 26th Street	1	0	6	10	19	0	36
34	E Portland Avenue and E 27th Street (I-5 Southbound On-Ramp)	0	1	0	7	20	2	30
35	E Portland Avenue and E 28th Street (I-5 Northbound On-Ramp/Off-Ramp	1	2	2	11	30	1	47
36	E Portland Avenue and E 32nd Street	0	2	1	5	9	1	18
37	E Bay Street and SR 167 Access Ramps	0	0	0	0	0	0	0
38	E Bay Street and E 27th Street (I-5 Southbound Off-Ramp)	0	0	1	9	25	2	37
39	E Bay Street and E 28th Street (I-5 Northbound On-Ramp)	0	0	0	2	8	1	11
40	East R Street and E 30th Street	0	0	0	0	1	0	1
41	East R Street and E 32nd Street	0	0	0	4	0	0	4
42	East R Street and E 29th Street Roundabout	0	0	0	0	0	0	0
43	E Bay Street/River Road E (SR 167) and Pioneer Way E	0	1	2	6	6	0	15
	Tacoma Segment Total	**2**	**10**	**23**	**117**	**254**	**9**	**415**

Source: WSDOT Crash Data 2016–2018

Each study segment except for the Federal Way Segment had serious injury crashes, including four in South Federal Way, three in Fife, and 10 in Tacoma. Of the noted fatality and serious injury crashes, all occurred at study area intersections. Figures 4-26, 4-27, and 4-28 display fatal and serious injury crash locations at study area intersections within the three study segments.

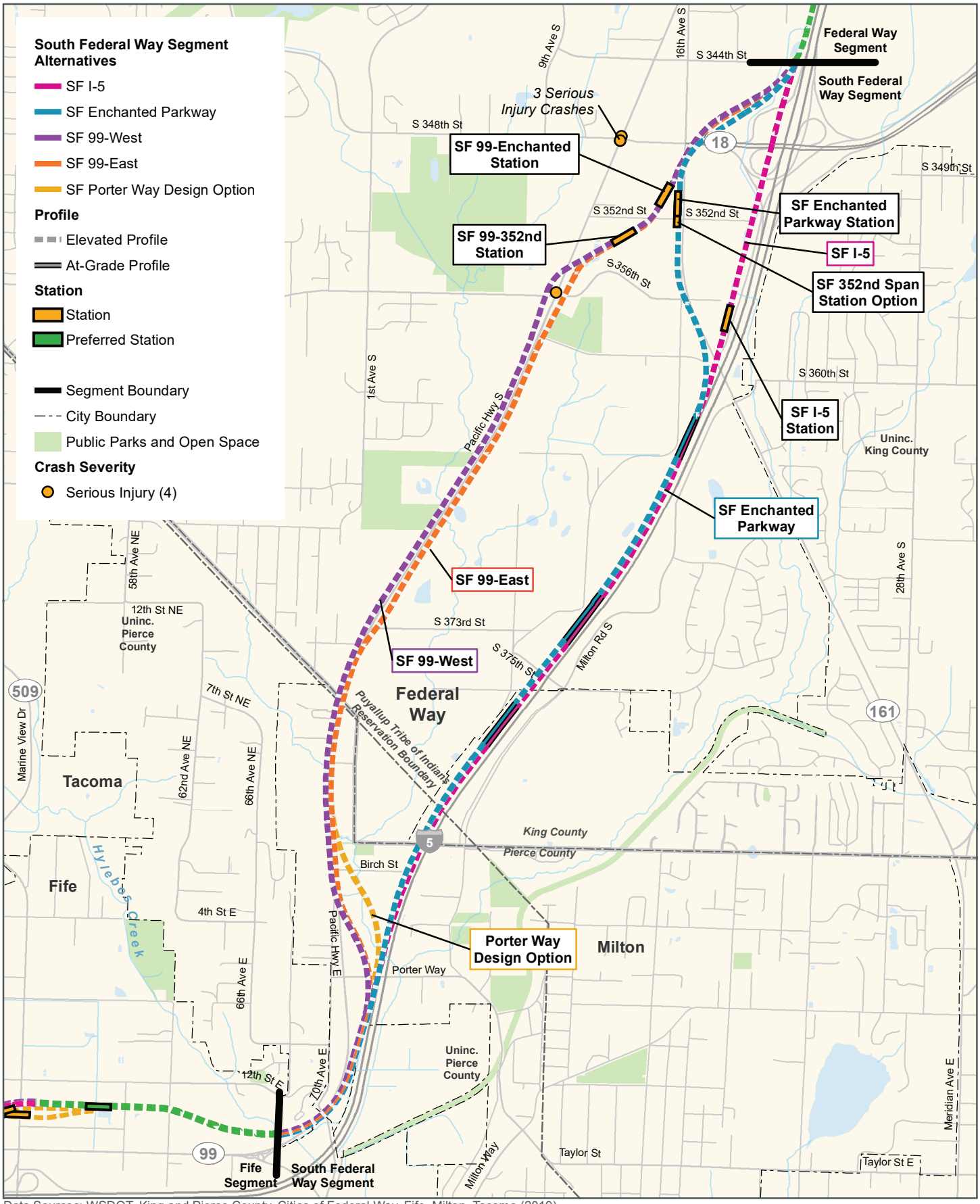

Data Sources: WSDOT, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-26

Study Area Intersection Collision Locations by Severity (2016-2018)
South Federal Way Segment

Tacoma Dome Link Extension

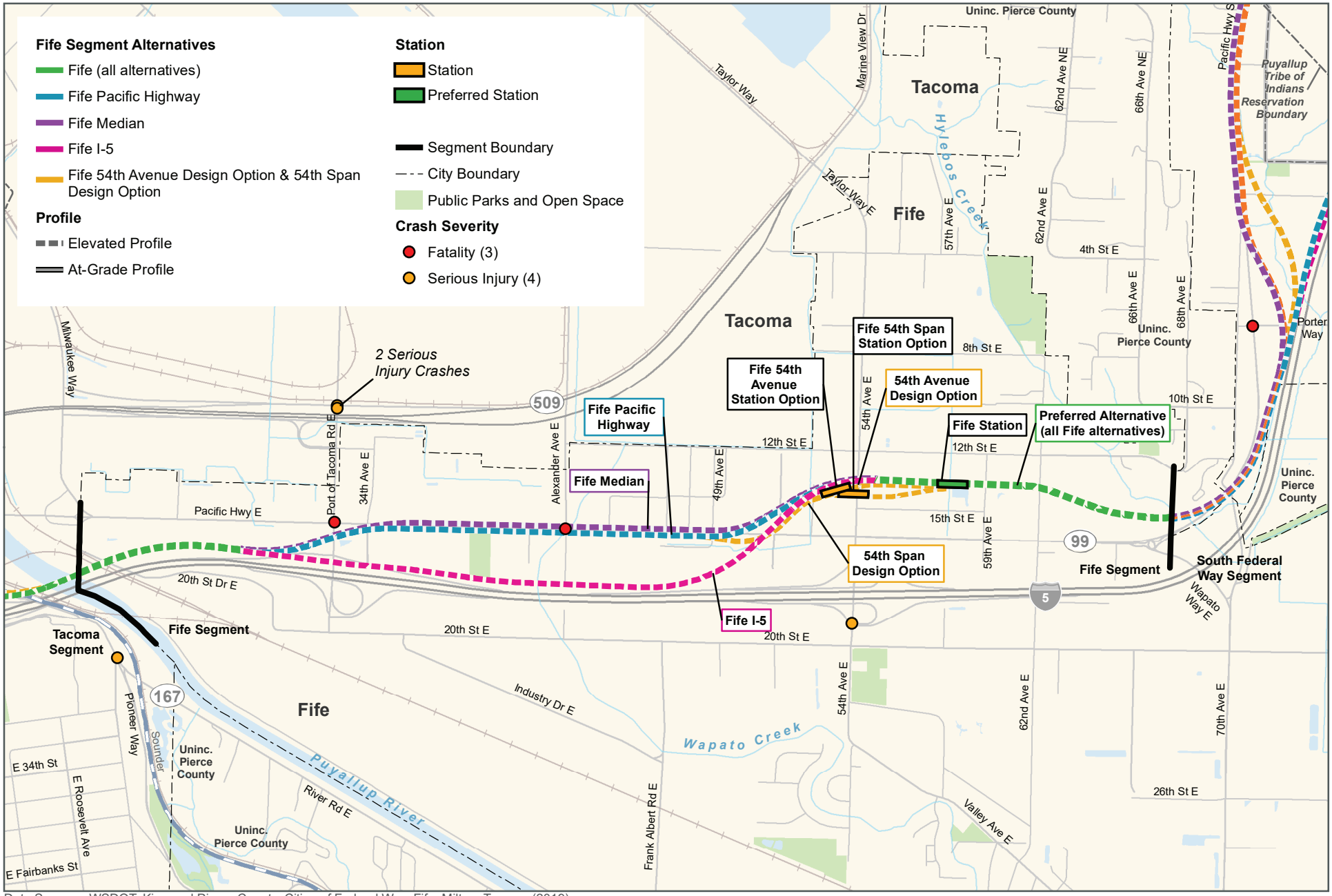

Data Sources: WSDOT, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-27

Study Area Intersection Collision Locations by Severity (2016-2018)
Fife Segment

Tacoma Dome Link Extension

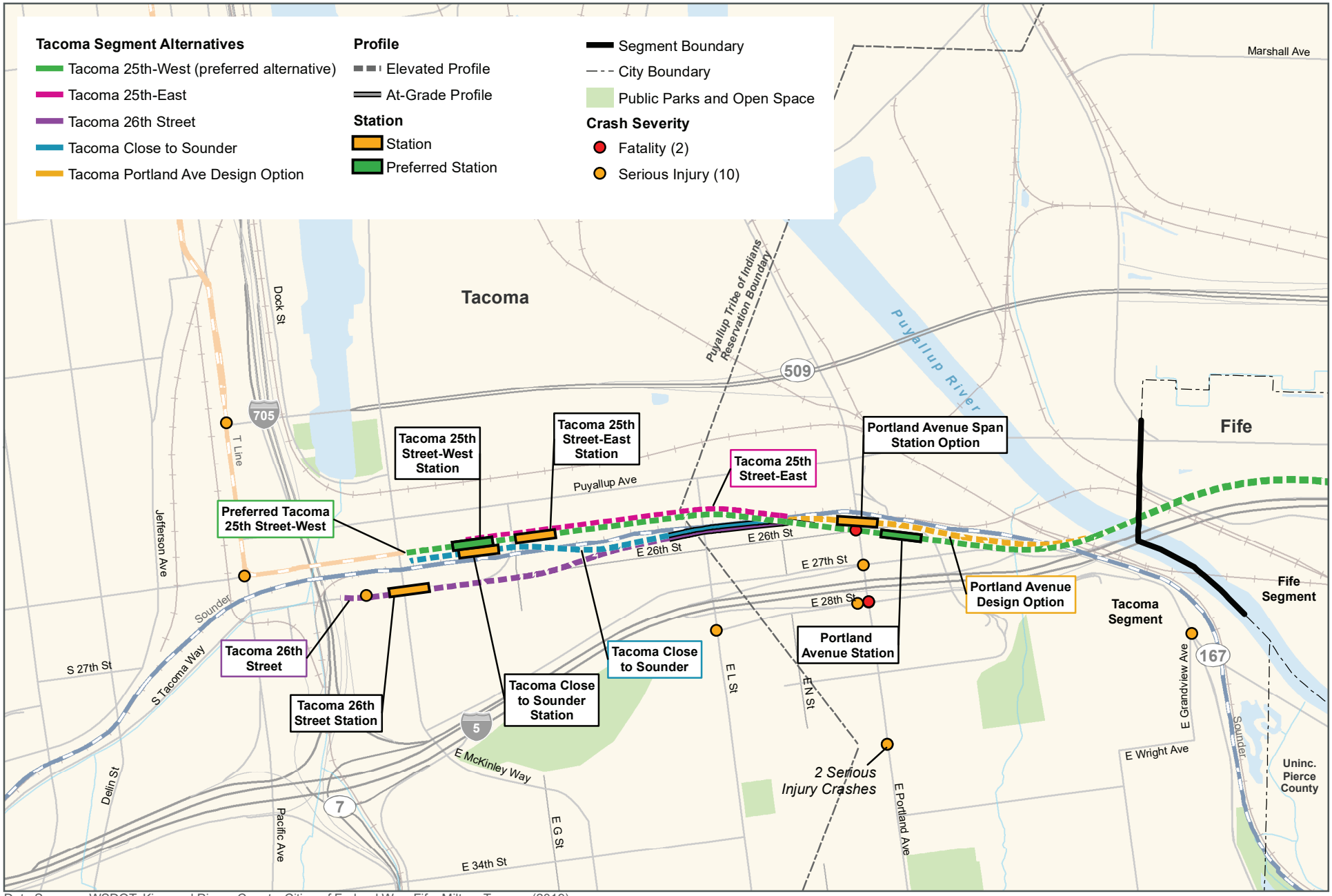

Data Sources: WSDOT, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-28

Study Area Intersection Collision Locations by Severity (2016-2018)
Tacoma Segment

Tacoma Dome Link Extension

4.7.1.2 I-5 Mainline and Ramp Crashes

Tables 4-31 and 4-32 summarize I-5 mainline and ramp crashes by severity and includes total crashes over the specified 3-year period for each of the Federal Way, South Federal Way, Fife, and Tacoma segments.

On I-5 mainline through the study segments, there was a total of 3,761 crashes between 2016 and 2018. The majority of crashes in the study segments were property damage only, accounting for almost 75 percent of all crashes. There was a total of nine fatality crashes over the 3-year period, with the majority occurring in the southbound direction between SR 18 in Federal Way and 54th Avenue E in Fife. There were 22 serious injury crashes along I-5 mainline in the study segments, with 14 in the southbound direction and eight in the northbound direction. Of the 31 fatality or serious injury crashes, alcohol or drug impairment was noted as a contributing factor for 10 of the crashes.

Table 4-31 Crashes by Severity (January 2016 to December 2018) I-5 Mainline

	I-5 Mainline Section	Crash Severities						
I.D.	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
Northbound								
1	I-705 to E Portland Avenue	0	2	13	112	429	0	556
2	E Portland Avenue to Port of Tacoma Road	0	1	15	99	387	1	503
3	Port of Tacoma Road to 54th Avenue E	1	1	4	20	111	1	138
4	54th Avenue E to SR 18	0	2	16	93	250	1	362
5	SR 18 to S 320th Street On-Ramp	1	2	7	73	175	5	263
	Northbound Subtotal	***2***	***8***	***55***	***397***	***1,352***	***8***	***1,822***
Southbound								
1	S 320th Street to SR 18	0	2	9	63	137	0	211
2	SR 18 to 54th Avenue E	5	5	24	212	616	5	867
3	54th Avenue E to Port of Tacoma Road	0	1	2	40	202	1	246
4	Port of Tacoma Road to E Portland Avenue	1	4	8	50	121	0	184
5	E Portland Avenue to I-705 On-Ramp	1	2	12	83	331	2	431
	Southbound Subtotal	***7***	***14***	***55***	***448***	***1,407***	***8***	***1,939***

Source: WSDOT

Table 4-32 Crashes by Severity (January 2016 to December 2018) Study Segments Freeway On/Off-Ramps

I.D.	I-5 Ramps Name	Crash Severities Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
Northbound								
1	I-705 Northbound to E 26th Street	0	0	1	0	3	0	4
2	I-705 Southbound to I-5 Northbound	0	2	2	3	14	0	21
3	SR 7 Northbound to I-5 Northbound	0	0	0	1	10	2	13
4	I-705 Southbound/SR 7 Northbound to I-5 Northbound	0	0	0	1	0	0	1
5	I-5 Northbound to E Portland Avenue/E 28th Street	0	0	1	0	2	0	3
6	I-5 Northbound to SR 167 Eastbound	0	0	0	2	6	0	8
7	E Portland Avenue/E 28th Street to I-5 Northbound	0	0	0	1	9	0	10
8	I-5 Northbound to Port of Tacoma Road Southbound	0	0	0	0	4	0	4
9	I-5 Northbound to Port of Tacoma Road Northbound	0	0	0	1	0	0	1
10	Port of Tacoma Road to I-5 Northbound	0	0	1	2	3	0	6
11	I-5 Northbound to 54th Avenue E	0	0	0	0	3	1	4
12	I-5 Northbound to 54th Avenue E Northbound	0	0	0	4	9	0	13
13	I-5 Northbound to 54th Avenue E Southbound	0	1	0	1	4	1	7
14	I-5 Northbound to SR 18 Eastbound	0	0	0	2	12	1	15
15	I-5 Northbound to SR 18 Westbound	0	0	0	0	5	0	5
16	SR 18 Eastbound to I-5 Northbound	0	0	0	1	7	0	8
17	SR 18 Westbound/Weyerhaeuser Way S to I-5 Northbound	0	0	0	1	3	1	5
18	SR 18 to I-5 Northbound	0	0	0	0	1	0	1
	Northbound Subtotal	***0***	***3***	***5***	***20***	***95***	***6***	***129***
Southbound								
1	I-5 Southbound to SR 18 Westbound	1	0	0	1	17	0	19
2	I-5 Southbound to SR 18 Eastbound	0	1	0	4	6	1	12
3	SR 18 Eastbound to I-5 Southbound	0	0	1	0	3	0	4
4	SR 18 Westbound/ Weyerhaeuser Way S to I-5 Southbound/SR 161	0	0	0	8	30	0	38
5	SR 18 Westbound/ Weyerhaeuser Way S to I-5 Southbound	0	0	0	0	3	0	3

Table 4-32 Crashes by Severity (January 2016 to December 2018) Study Segment Freeway On/Off-Ramps (continued)

I-5 Ramps		Crash Severities						
I.D.	Name	Fatality	Serious Injury	Minor Injury	Possible Injury	Property Damage Only	Other	Total
6	I-5 Southbound to 54th Avenue E	0	0	0	1	10	1	12
7	54th Avenue E Northbound to I-5 Southbound	0	0	1	1	6	0	8
8	54th Avenue E Southbound to I-5 Southbound	0	0	0	1	9	0	10
9	54th Avenue E to I-5 Southbound	0	0	0	1	1	0	2
10	I-5 Southbound to Port of Tacoma Road	0	0	0	1	5	0	6
11	Port of Tacoma Road to I-5 Southbound	0	0	4	3	6	0	13
12	I-5 Southbound to E Portland Avenue/E 27th Street	0	0	2	2	20	0	24
13	SR 167 Westbound to I-5 Southbound	0	1	1	1	9	0	12
14	E Portland Avenue/E 27th Street to I-5 Southbound	0	0	0	1	1	0	2
15	I-5 Southbound to I-705 Northbound/SR 7 Southbound/E 26th Street	0	0	0	1	10	1	12
16	I-5 Southbound to I-705 Northbound/E 26th Street	0	0	0		1	0	1
17	I-5 Southbound to E 26th Street	0	0	0	1	1	0	2
18	I-5 Southbound to I-705 Northbound	0	0	0	2	9	0	11
19	I-5 Southbound to SR 7 Southbound	0	0	0	4	5	0	9
20	Pacific Avenue Southbound to I-5 Southbound	0	0	0	0	2	0	2
21	SR 18 Westbound/ Weyerhaeuser Way S to SR 161	0	0	0	0	1	0	1
	Southbound Subtotal	***1***	***2***	***9***	***33***	***155***	***3***	***203***
Eastbound								
1	SR 18 Eastbound to I-5	0	0	1	0	10	1	12
	Eastbound Subtotal	***0***	***0***	***1***	***0***	***10***	***1***	***12***

Source: WSDOT Crash Data 2016–2018

On I-5 ramps through the study segments, there was a total of 344 crashes between 2016 and 2018. The majority of crashes in the study segments were property damage only, accounting for almost 75 percent of all crashes. There was one fatality crash in the study segments over the 3-year period, and it occurred on the E Bay Street (SR 167) ramp to southbound I-5. There were five serious injury crashes along I-5 ramps in the study segments, with three occurring in the northbound direction and two occurring in the southbound direction. Of the six fatality and serious injury crashes, all but one occurred in dark conditions, and two noted alcohol as a contributing factor. Figures 4-29, 4-30, and 4-31 display fatal and serious injury crash locations along the I-5 mainline and ramps within the study segments.

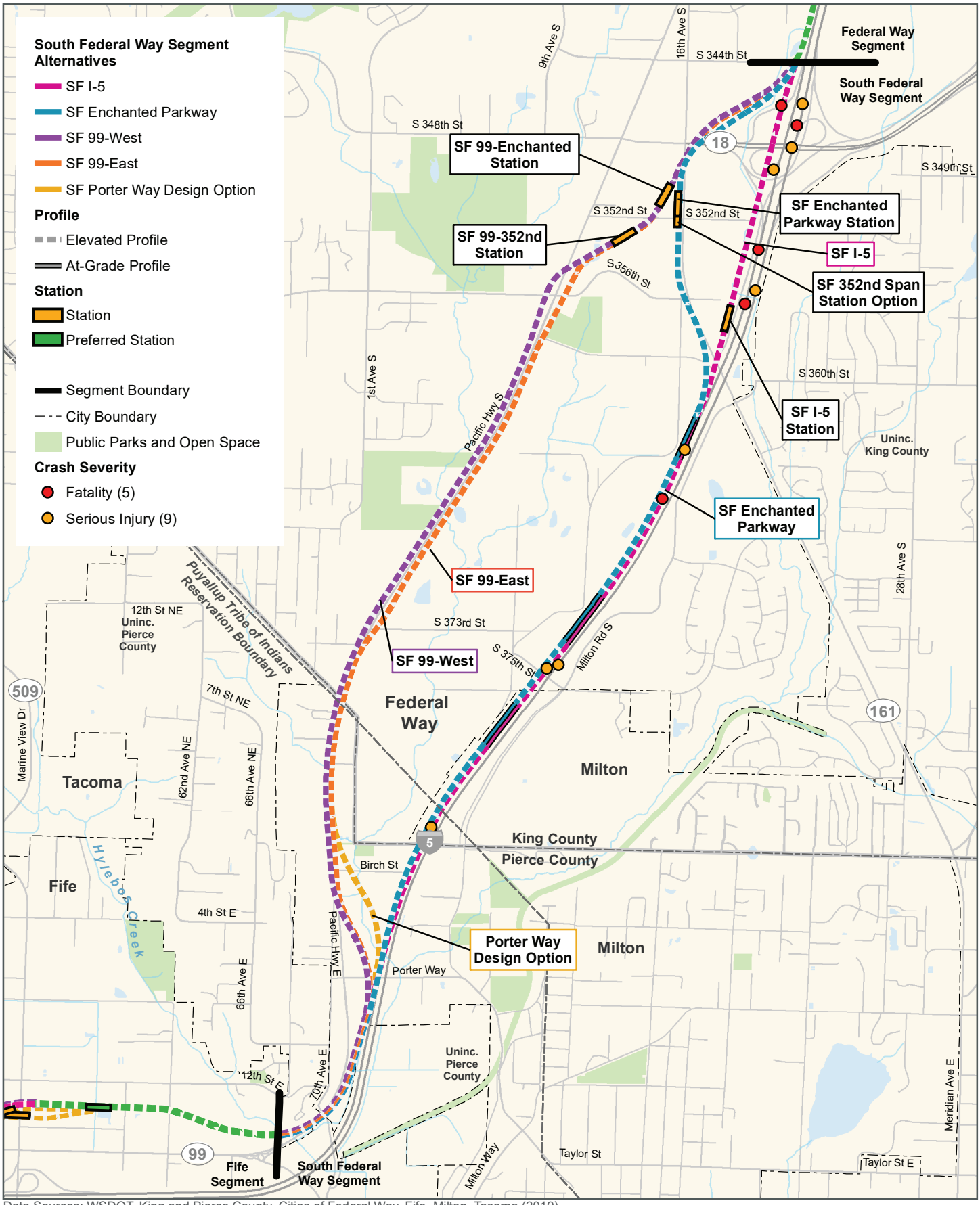

Data Sources: WSDOT, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-29

I-5 Mainline and Ramp Collision Locations by Severity (2016-2018)
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

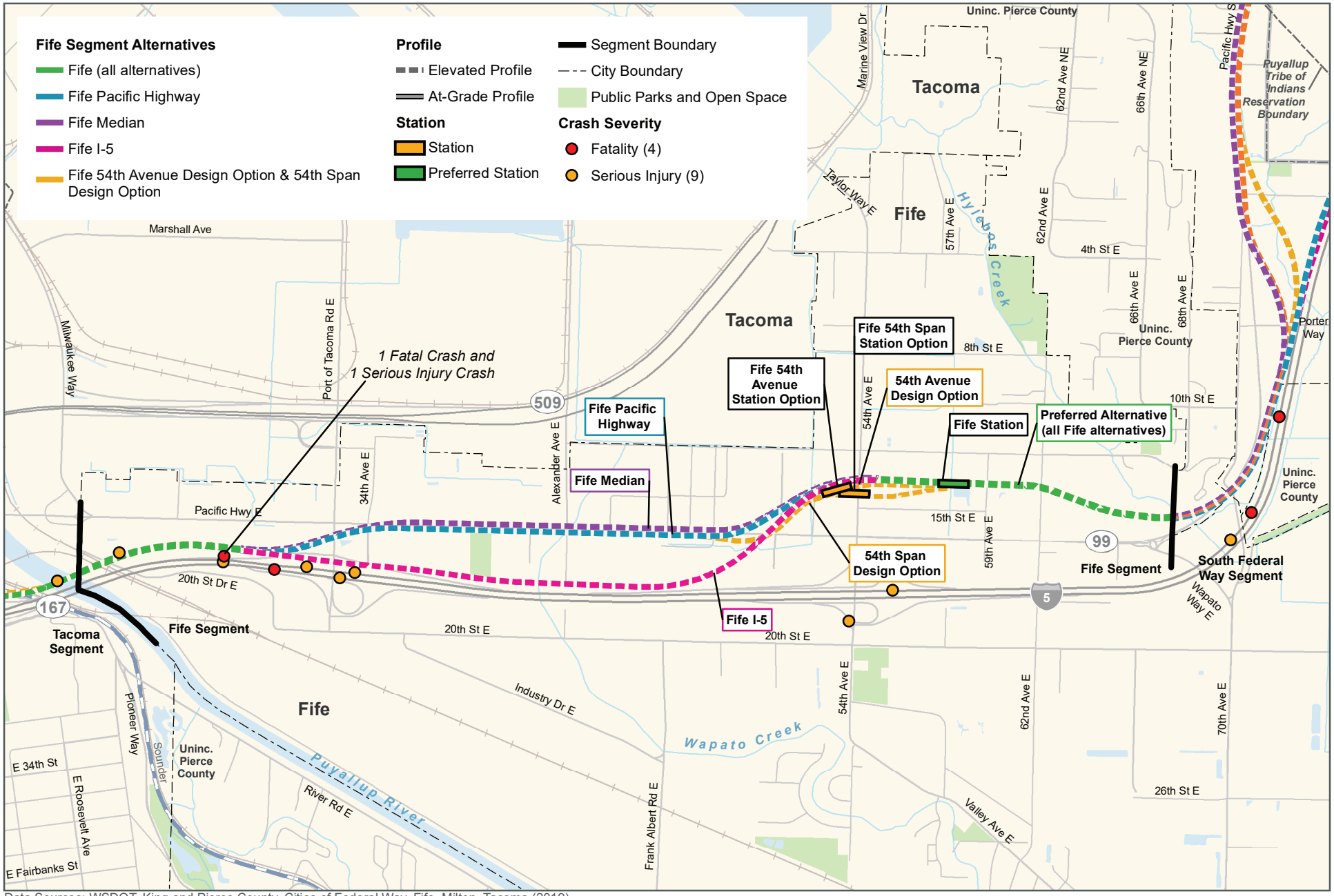

Data Sources: WSDOT, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-30

I-5 Mainline and Ramp Collision Locations by Severity (2016-2018)
Fife Segment

Tacoma Dome Link Extension

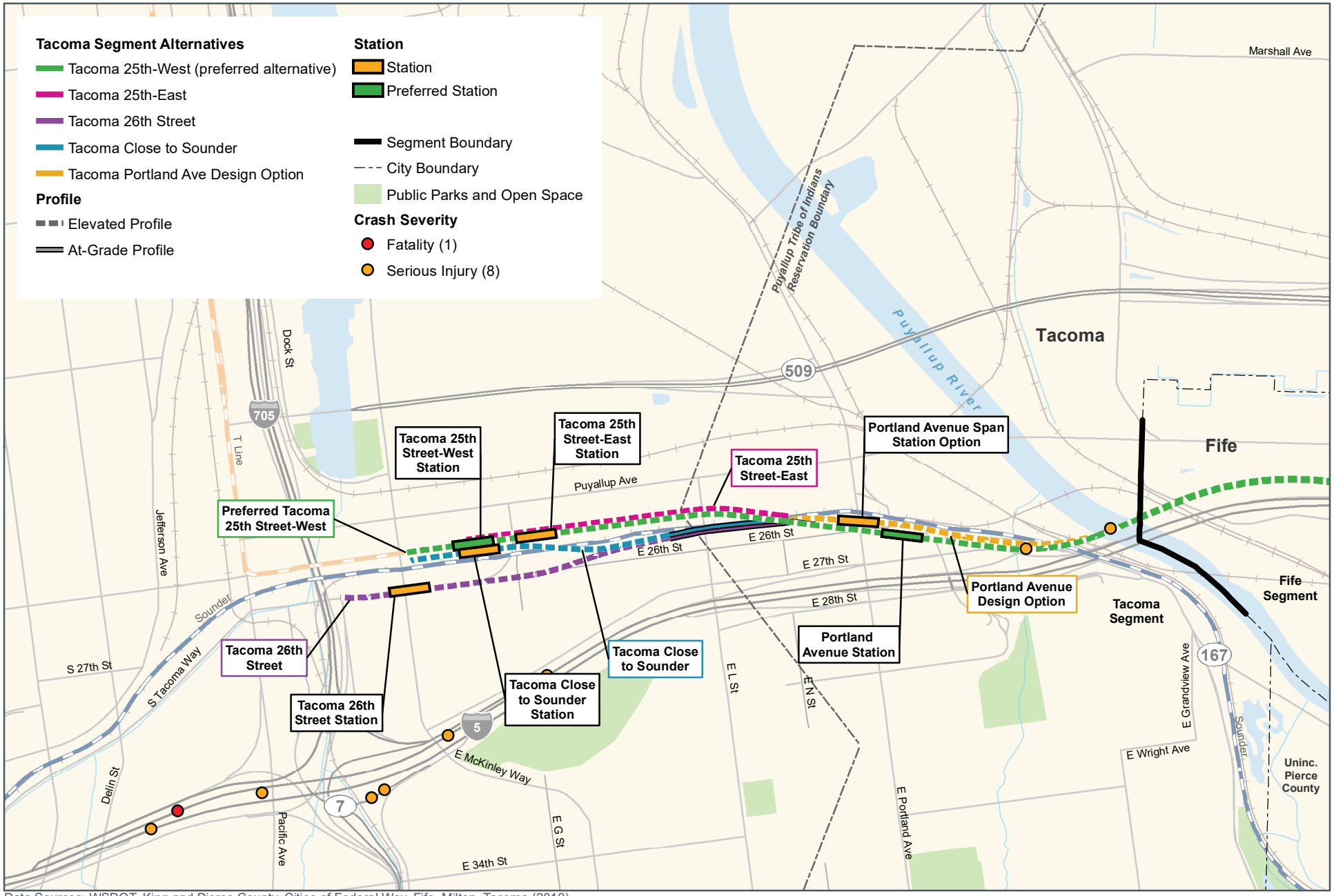

Data Sources: WSDOT, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-31

I-5 Mainline and Ramp Collision Locations by Severity (2016-2018)
Tacoma Segment

Tacoma Dome Link Extension

4.7.2 Crashes by Type

Crash types include rear end, angle, approach-turning, sideswipe, fixed object, pedestrian, cycle, others, and head-on.

4.7.2.1 Intersection Crashes

Tables 4-33, 4-34, 4-35, and 4-36 summarize crashes by type and include total crashes over the specified 3-year period for the Federal Way, South Federal Way, Fife, and Tacoma segments.

The most common type of crashes in the Federal Way Segment were rear-end crashes, which comprised approximately 35 percent of all crashes in the study segment. Angle-turn (T-bone) crashes accounted for 23 percent of total crashes, while approach-turn crashes accounted for over 21 percent of total crashes, and sideswipe crashes accounted for nearly 12 percent of total crashes in the study segment. Pedestrian and cyclists were involved in 3 percent and 1 percent of total crashes, respectively, in the study segment. None of the crashes in the Federal Way Segment resulted in serious injury.

The most common types of crashes in the South Federal Way segment were rear-end crashes, which accounted for approximately 44 percent of all crashes in the study segment. Angle-turn (T-bone) crashes accounted for nearly 18 percent of crashes, while sideswipe crashes accounted for almost 14 percent of total crashes, and approach-turn crashes accounted for 20 percent of crashes. Pedestrians and cyclists were involved in 7 (1.3 percent) and two crashes (0.2 percent) respectively over the past 3 years of all crashes in the study segment. One serious injury crash in the South Federal Way Segment involved a pedestrian; no further contributing factors were provided for the crash other than the crash occurred in dark conditions.

Table 4-33 Crashes by Type (January 2016 to December 2018)
Federal Way Segment Intersections

Intersections		Crash Types									
I.D.	Name	Rear-End	Angle	App. Turn	Side swipe	Fixed Obj	Ped	Cycle	Others	Head-On	Total
1	SR 99 (Pacific Highway) at S 336th Street	24	13	15	3	1	3	1	0	0	60
2	SR 99 (Pacific Highway) at 16th Avenue S	15	11	7	9	1	0	0	0	0	43
	Federal Way Segment Total	***39***	***24***	***22***	***12***	***2***	***3***	***1***	***0***	***0***	***103***

Source: WSDOT Crash Data 2016-2018

Table 4-34 Crashes by Type (January 2016 to December 2018) South Federal Way Segment Intersections

Intersections		Crash Types									
I.D.	Name	Rear-End	Angle	App. Turn	Side swipe	Fixed Obj	Ped	Cycle	Others	Head-On	Total
1	SR 99 (Pacific Highway) at S 348th Street	38	17	12	19	0	5	1	0	0	92
2	SR 161/Enchanted Parkway at S 348th Street	69	22	19	28	3	0	1	0	1	143
3	I-5 SB Ramps at SR 18 Mainline	27	6	0	4	2	0	0	0	0	39
4	SR 99 (Pacific Highway) at S 352nd Street	3	0	0	0	0	0	0	0	0	3
5	S 352nd Street and western SF 99-352nd Station Access (Future Intersection)	Future Intersection									
6	S 352nd Street and eastern SF 99-352nd Station Access (Future Intersection)	Future Intersection									
7	SR 161/Enchanted Parkway at S 352nd Street	1	1	2	0	0	0	0	0	0	4
8	SR 99 (Pacific Highway) at S 356th Street	11	6	15	4	1	1	0	0	0	38
9	S 356th Street and western SF 99-352nd Station Access (Future Intersection)	Future Intersection									
10	S 356th Street and eastern SF 99-352nd Station Access (Future Intersection)	Future Intersection									
11	SR 161/Enchanted Parkway at S 356th Street	52	12	31	6	2	1	0	0	0	104
12	I-5 SB Off-Ramp Roundabout at S 356th Street (Future Intersection)	Future Intersection									
13	SR 161 (Enchanted Parkway) at SR 18 Westbound Off-Ramp	7	3	1	1	3	0	0	0	0	15
14	SR 161 (Enchanted Parkway) at Milton Road S/20th Avenue S	7	3	0	5	0	0	0	0	0	15
15	SR 99 (Pacific Highway) and Porter Way	10	13	5	2	1	0	0	0	0	31
	South Federal Way Segment Total	***225***	***83***	***85***	***69***	***12***	***7***	***2***	***0***	***1***	***484***

Source: WSDOT Crash Data 2016-2018

Table 4-35 Crashes by Type (January 2016 to December 2018) Fife Segment Intersections

Intersections		Crash Types									
I.D.	Name	Rear-End	Angle	App. Turn	Side swipe	Fixed Obj	Ped	Cycle	Others	Head-On	Total
1	Port of Tacoma Road and SR 509 SB Ramps	0	2	5	0	0	0	0	0	0	7
2	Port of Tacoma Road and SR 509 NB Ramps	0	4	2	0	0	0	0	0	0	6
3	Pacific Highway E and Port of Tacoma Road	18	22	12	26	4	2	0	1	1	86
4	Pacific Highway E and 34th Avenue E	4	9	5	0	0	0	1	0	0	19
5	SR 509 SB and Alexander Avenue E	5	6	1	1	0	0	0	1	0	14
6	SR 509 NB and Alexander Avenue E	5	25	4	0	0	0	0	0	0	34
7	Alexander Avenue E and 12th Street E	0	2	5	0	0	0	0	0	0	7
8	Pacific Highway E and Alexander Avenue E	7	8	8	1	1	0	1	0	0	26
9	SR 509 and Taylor Way E	8	6	5	5	0	0	0	2	0	26
10	SR 167 and 54th Avenue E (Future Intersection)	Future Intersection									
11	52nd Avenue E and 12th Street E (Future Intersection)	Future Intersection									
12	54th Avenue E and 12th Street E	6	12	8	1	0	0	0	0	0	27
13	SR 99 (Pacific Highway) and 54th Avenue E	32	21	15	12	0	3	1	1	0	85
14	54th Avenue E and I-5 SB Ramps	9	7	3	2	1	0	0	0	0	22
15	54th Avenue E and I-5 NB Ramps	43	6	13	5	3	0	0	1	2	73
16	54th Avenue E and 20th Street E	11	14	8	8	0	0	0	0	0	41
17	54th Avenue E and Valley Avenue E	1	0	1	0	0	0	0	0	0	2
18	52nd Avenue E at Pacific Highway E	7	3	1	2	1	0	0	2	0	16
19	Pacific Highway E and I-5 SB Ramps (Future Intersection)	Future Intersection									
20	20th Street E and I-5 NB Ramps (Future Intersection)	Future Intersection									
21	SR 99 (Pacific Highway) and 59th Avenue Court E	3	3	8	2	0	3	0	0	0	19
22	59th Avenue Court E at 12th Street E	0	0	0	1	0	0	0	0	0	1
23	12th Street E and 62nd Avenue E	1	5	0	0	0	0	0	0	0	6
24	SR 99 (Pacific Highway) and 62nd Avenue E	1	5	4	5	0	0	0	0	0	15
25	SR 99 (Pacific Highway) and 70th Avenue E (Wapato Way E and SR 99)	7	10	20	3	0	0	0	1	0	41
26	20th Street E and 70th Avenue E	11	2	1	0	0	0	0	0	0	14
	Fife Segment Total	***179***	***172***	***129***	***74***	***10***	***8***	***3***	***9***	***3***	***587***

Source: WSDOT Crash Data 2016–2018

Table 4-36 Crashes by Type (January 2016 to December 2018) Tacoma Segment Intersections

Intersections		Crash Type									
I.D.	Name	Rear-End	Angle	App. Turn	Side swipe	Fixed Obj	Ped	Cycle	Others	Head-On	Total
1	Pacific Avenue and S 21st Street	7	3	11	1	0	2	2	0	0	26
2	Pacific Avenue and Puyallup Avenue/S 24th Street	0	3	4	1	0	1	0	0	0	9
3	Pacific Avenue and S 25th Street	1	4	3	0	0	0	1	0	0	9
4	Pacific Avenue and S 26th Street/S Tacoma Way	7	3	6	1	1	3	0	0	0	21
5	Pacific Avenue and E 34th Street	0	5	3	0	0	1	0	0	0	9
6	Puyallup Avenue and A Street	4	2	1	0	0	0	0	0	0	7
7	25th Street and A Street	0	0	0	0	0	0	0	0	0	0
8	26th Street and A Street	0	1	3	0	0	0	0	0	0	4
9	E 26th Street and I-705 NB Off-Ramp	2	11	0	4	1	0	0	0	0	18
10	E 25th Street and East C Street	0	2	0	0	0	0	0	0	0	2
11	Tacoma Dome Parking Driveway and East C Street	0	0	0	0	0	0	0	0	0	0
12	E 26th Street and East C Street	0	2	0	0	0	0	0	0	0	2
13	East D Street and E Dock Street	0	0	1	1	0	0	0	0	0	2
14	Puyallup Avenue and East D Street	0	4	4	1	0	0	0	0	0	9
15	East D Street and E 25th Street	1	1	0	0	0	1	1	0	0	4
16	East D Street and Tacoma Dome Parking Driveway	0	0	0	0	0	0	0	0	0	0
17	East D Street and E 26th Street	1	0	3	0	0	0	0	0	0	4
18	East D Street/McKinley Way and E Wiley Avenue	0	1	0	0	1	0	0	0	0	2
19	E McKinley Avenue and E 34th Street	0	2	0	0	0	0	1	0	0	3
20	Puyallup Avenue and East E Street	0	1	0	0	0	0	0	0	0	1
21	Puyallup Avenue and East F Street	2	0	0	0	1	0	0	0	0	3
22	Puyallup Avenue and East G Street	2	0	0	0	0	1	0	0	0	3
23	East G Street/E 26th Street and E 25th Street	1	0	1	0	0	0	0	0	0	2
24	Puyallup Avenue and East L Street	0	2	0	0	0	0	1	0	0	3
25	East L Street and E 26th Street	0	2	0	0	0	0	0	0	0	2
26	East L Street and E 27th Street/ E Wiley Avenue	1	0	0	0	0	0	0	0	0	1
27	East L Street and E 28th Street	0	0	0	0	1	0	1	0	0	2
28	East L Street and E 34th Street	0	5	0	0	0	0	0	0	0	5
29	E Portland Avenue and SR 509 SB On-Ramp	0	0	2	0	6	0	0	0	0	8
30	E Portland Avenue and SR 509 NB Off-Ramp	2	13	0	0	0	0	0	0	0	15
31	E Portland Avenue and Puyallup Avenue	4	12	7	0	0	1	0	0	1	25
32	E Portland Avenue and E 25th Street/E Bay Street	1	1	11	2	0	0	0	0	0	15
33	E Portland Avenue and E 26th Street	1	15	13	3	0	2	1	1	0	36
34	E Portland Avenue and E 27th Street	7	9	6	6	0	2	0	0	0	30

Table 4-36 Crashes by Type (January 2016 to December 2018) Tacoma Segment Intersections (continued)

I.D.	Intersections Name	Crash Type Rear-End	Angle	App. Turn	Side swipe	Fixed Obj	Ped	Cycle	Others	Head-On	Total
35	E Portland Avenue and E 28th Street	10	18	7	11	0	1	0	0	0	47
36	E Portland Avenue and E 32nd Street	1	8	3	1	1	4	0	0	0	18
37	E Bay Street and SR 167 Access Ramps	0	0	0	0	0	0	0	0	0	0
38	E Bay Street and E 27th Street	3	30	0	1	3	0	0	0	0	37
39	E Bay Street and E 28th Street	3	0	3	4	1	0	0	0	0	11
40	East R Street and E 30th Street	0	1	0	0	0	0	0	0	0	1
41	East R Street and E 32nd Street	0	3	1	0	0	0	0	0	0	4
42	East R Street and E 29th Street Roundabout	0	0	0	0	0	0	0	0	0	0
43	E Bay Street/River Road E (SR 167) and Pioneer Way E	8	3	0	2	0	0	0	1	1	15
	Tacoma Segment Total	***69***	***167***	***93***	***39***	***16***	***19***	***8***	***2***	***2***	***415***

Source: WSDOT Crash Data 2016-2018

Both rear-end and angle (T-bone) crashes accounted for approximately 30 percent of all crashes in the Fife Segment. Approach-turn and sideswipe crashes made up smaller percentages of crashes, at approximately 22 and 12 percent, respectively. Pedestrians and cyclists were involved in eight (1.4 percent) and three crashes (0.5 percent) respectively over the past 3 years of all crashes in the study segment. None of the pedestrian or cyclist crashes resulted in a serious injury or fatality in the study segment.

Unlike Federal Way, South Federal Way and Fife, angle (T-bone) crashes comprised the highest percentage of crashes in the Tacoma Segment, accounting for more than 40 percent of all crashes. Approach-turn and rear-end crashes accounted for a smaller percentage of crashes in the study segment, at roughly 20 and 15 percent of all crashes.

Pedestrians and cyclists were involved in 19 (4.6 percent) and eight crashes (1.9 percent) respectively over the past 3 years of all crashes in the Tacoma Segment. Four pedestrian crashes and two cyclist crashes resulted in either fatality or serious injury crashes in the study segment, which accounts for half of the severity crashes in the entire Tacoma Segment. Nearly 25 percent of all pedestrian or cyclist crashes in Tacoma resulted in a fatality or serious injury. All four pedestrian crashes occurred under dark conditions. No further contributing factors were noted other than one driver was operating a defective vehicle. All cyclist crashes occurred under daylight conditions. Specifically, the intersection of E Portland Avenue/E 32nd Street (Tacoma Intersection #36) had only 18 crashes over the past 3 years, but two of them were serious injury pedestrian crashes.

4.7.2.2 I-5 Mainline and Ramp Crashes

Tables 4-37 and 4-38 summarize crashes by type and include total crashes over the specified 3-year period for both mainline I-5 and I-5 ramps with connections to the Federal Way, South Federal Way, Fife, and Tacoma segments.

Table 4-37 Crashes by Type (January 2016 to December 2018) I-5 Mainline

I.D.	I-5 Mainline Section Name	Crash Types Rear-End	Sideswipe	Fixed Object	Other	Total
Northbound						
1	I-705 to E Portland Avenue	408	114	20	14	556
2	E Portland Avenue to Port of Tacoma Road	377	69	47	10	503
3	Port of Tacoma Road to 54th Avenue E	70	36	26	6	138
4	54th Avenue E to SR 18	202	82	46	32	362
5	SR 18 to S 320th Street On-Ramp	159	57	23	24	263
	Northbound Subtotal	***1,216***	***358***	***162***	***86***	***1,822***
Southbound						
1	S 320th Street to SR 18	137	39	20	15	211
2	SR 18 to 54th Avenue E	612	131	89	35	867
3	54th Avenue E to Port of Tacoma Road	156	66	15	9	246
4	Port of Tacoma Road to E Portland Avenue	127	33	17	7	184
5	E Portland Avenue to I-705 On-Ramp	261	105	48	17	431
	Southbound Subtotal	***1,293***	***374***	***189***	***83***	***1,939***

Source: WSDOT Crash Data 2016-2018

Table 4-38 Crashes by Type (January 2016 to December 2018) Transportation Segments Freeway On/Off-Ramps

I.D.	I-5 Ramps Name	Crash Types Fixed Object	Rear-End	Sideswipe	Other	Total
Northbound						
1	I-705 Northbound to E 26th Street	3	1	0	0	4
2	I-705 Southbound to I-5 Northbound	6	9	2	4	21
3	SR 7 Northbound to I-5 Northbound	10	2	0	1	13
4	I-705 Southbound/SR 7 Northbound to I-5 Northbound	1	0	0	0	1
5	I-5 Northbound to E Portland Avenue/ E 28th Street	1	1	0	1	3
6	I-5 Northbound to SR 167 Eastbound	2	6	0	0	8
7	E Portland Avenue/E 28th Street to I-5 Northbound	2	6	2	0	10
8	I-5 Northbound to Port of Tacoma Road Southbound	2	1	1	0	4
9	I-5 Northbound to Port of Tacoma Road Northbound	1	0	0	0	1
10	Port of Tacoma Road to I-5 Northbound	4	0	0	2	6
11	I-5 Northbound to 54th Avenue E	1	3	0	0	4
12	I-5 Northbound to 54th Avenue E Northbound	6	6	0	1	13
13	I-5 Northbound to 54th Avenue E Southbound	3	3	0	1	7
14	I-5 Northbound to SR 18 Eastbound	5	6	3	1	15
15	I-5 Northbound to SR 18 Westbound	3	1	0	1	5
16	SR 18 Eastbound to I-5 Northbound	4	1	2	1	8
17	SR 18 Westbound/Weyerhaeuser Way S to I-5 Northbound	4	1	0	0	5
18	SR 18 to I-5 Northbound	0	1	0	0	1
	Northbound Subtotal	***58***	***48***	***10***	***13***	***129***

Table 4-38 Crashes by Type (January 2016 to December 2018) Transportation Segments Freeway On/Off-Ramps (continued)

I.D.	I-5 Ramps Name	Crash Types: Fixed Object	Rear-End	Sideswipe	Other	Total
Southbound						
1	I-5 Southbound to SR 18 Westbound	11	4	4	0	19
2	I-5 Southbound to SR 18 Eastbound	10	1	1	0	12
3	SR 18 Eastbound to I-5 Southbound	2	2	0	0	4
4	SR 18 Westbound/Weyerhaeuser Way S to I-5 Southbound/SR 161	3	25	9	1	38
5	SR 18 Westbound/Weyerhaeuser Way S to I-5 Southbound	0	2	1	0	3
6	I-5 Southbound to 54th Avenue E	4	3	5	0	12
7	54th Avenue E Northbound to I-5 Southbound	6	2	0	0	8
8	54th Avenue E Southbound to I-5 Southbound	1	7	2	0	10
9	54th Avenue E to I-5 Southbound	1	1	0	0	2
10	I-5 Southbound to Port of Tacoma Road	3	1	2	0	6
11	Port of Tacoma Road to I-5 Southbound	6	3	2	2	13
12	I-5 Southbound to E Portland Avenue/E 27th Street	21	2	0	1	24
13	SR 167 Westbound to I-5 Southbound	11	1	0	0	12
14	E Portland Avenue/E 27th Street to I-5 Southbound	1	1	0	0	2
15	I-5 Southbound to I-705 Northbound/SR 7 Southbound/E 26th Street	2	3	7	0	12
16	I-5 Southbound to I-705 Northbound/ E 26th Street	0	0	1	0	1
17	I-5 Southbound to E 26th Street	2	0	0	0	2
18	I-5 Southbound to I-705 Northbound	3	2	4	2	11
19	I-5 Southbound to SR 7 Southbound	2	1	3	3	9
20	Pacific Avenue Southbound to I-5 Southbound	0	2	0	0	2
21	SR 18 Westbound/Weyerhaeuser Way S to SR 161	0	1	0	0	1
	Southbound Subtotal	***89***	***64***	***41***	***9***	***203***
Eastbound						
1	SR 18 Eastbound to I-5	5	0	7	0	12
	Eastbound Subtotal	***5***	***0***	***7***	***0***	***12***

Source: WSDOT Crash Data 2016-2018

The most common type of crashes on I-5 mainline through the study segments were rear-end crashes, accounting for more than 56 percent of all crashes. A combination of sideswipe (20 percent) and fixed object (10 percent) accounted for most of the remaining crashes on the mainline. There were no pedestrian and/or bicycle crashes on the mainline.

On the on/off-ramps to/from SR 18, I-5, I-705, SR 7, and SR 161 in the study area, the most common type of crashes were fixed-object crashes, accounting for about 45 percent of all crashes on the ramps. Rear-end crashes made up the second-highest percentage of crash types, at almost 35 percent. It should be noted that while freeway ramps would normally experience greater volumes of rear-end crashes, most of these crashes are intersection-related and were included in the on/off-ramp intersection crash totals. No pedestrian or bicycle crashes were noted on the on/off-ramps, similar to the mainline.

4.7.3 Southbound I-5 Clear Zone Impact Analysis

A minimum clear zone is defined by geometric considerations, including if a recoverable slope is present and if the area is free of fixed objects so that an errant vehicle can recover. Based on WSDOT Design Manual criteria for clear zone distances, a distance ranging between 29 and 45 feet, measured from the edge of traveled way, would allow for a sufficient clear zone along the TDLE project corridor. The clear zone is a function of posted speed limits, side slope, and traffic volumes.

A roadside clear zone inventory for the I-5 mainline was completed for the western edge (southbound) of I-5 in two areas where the alternatives are adjacent to I-5: between S 324th Street and 70th Avenue E and from Frank Albert Road E to the Puyallup River (see Table 4-39). The table includes the length of available clear zone along I-5 and where barriers along I-5 are located for safety (e.g., grade-separated crossings). All barriers identified are within the Federal Way, South Federal Way, and Fife segments. All areas without a barrier meet the clear zone criteria, according to the WSDOT Design Manual. In areas where minimum clear zone conditions are not currently available, barriers (guardrails, barriers, or walls) or impact attenuators are provided to “shield” vehicles from roadside hazards. These hazards typically include:

- Nonrecoverable slopes (slopes steeper than 1 foot vertical to 4 feet horizontal).
- Tree stands.
- Signs and signal supports.
- Communications cabinets.
- Power poles.
- Other landscaping elements.
- Street grade separation.
- Other non-breakaway or non-barrier features.

Table 4-39 Southbound I-5 Existing Clear Zone Summary

I-5 Roadside Condition	Existing Conditions (Length of segment in feet)
Available Clear Zone[1]	13,900
Barrier Provided[2]	18,360
Total Length	32,260

Source: Parametrix/HDR Design Teams

Notes:
(1) Represents areas without barriers.
(2) Represents areas where barriers currently exist. These areas include shielding to protect highway infrastructure, tree stands, steep side slopes, and other landscaping elements, or where barriers are used to protect grade-separated crossings.

A detailed inventory of existing and potential clear zone locations is provided in Attachment C, I-5 Clear Zone Analysis. Figures 4-32, 4-33, and 4-34 show the inventory of existing barrier locations in the study area.

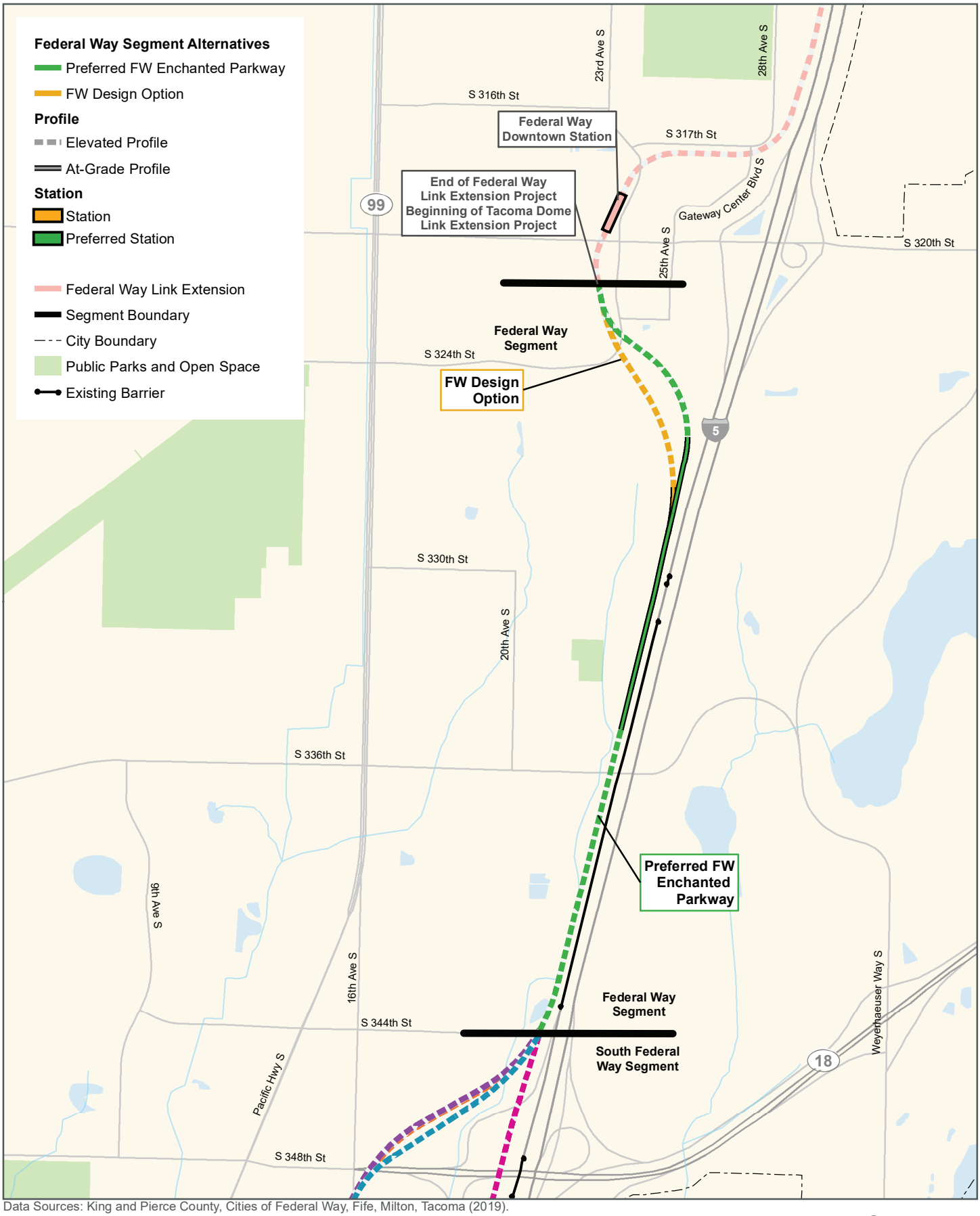

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 4-32

Existing Southbound I-5 Roadside Barrier Locations
Federal Way Segment

Tacoma Dome Link Extension

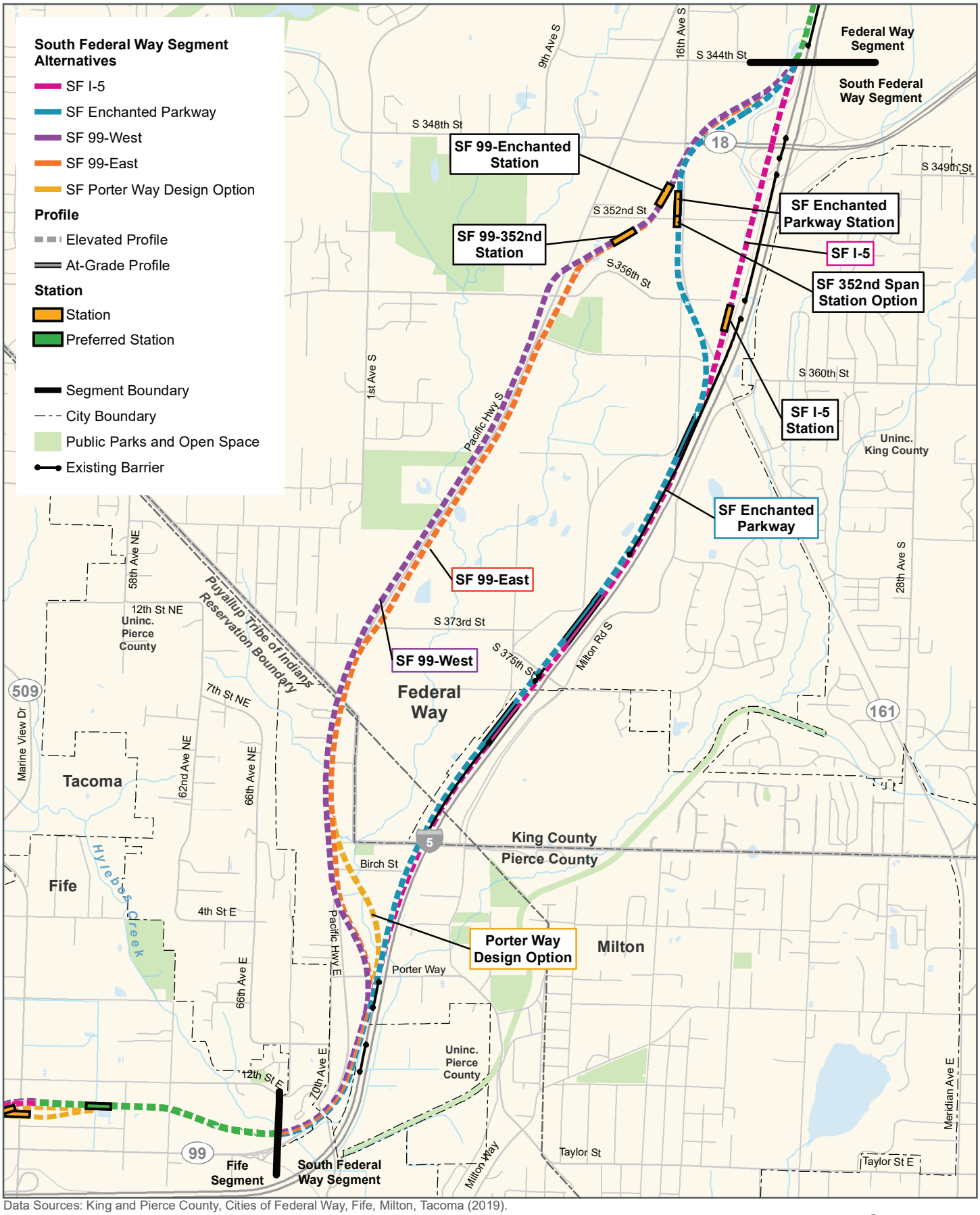

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 4-33

Existing Southbound I-5 Roadside Barrier Locations
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

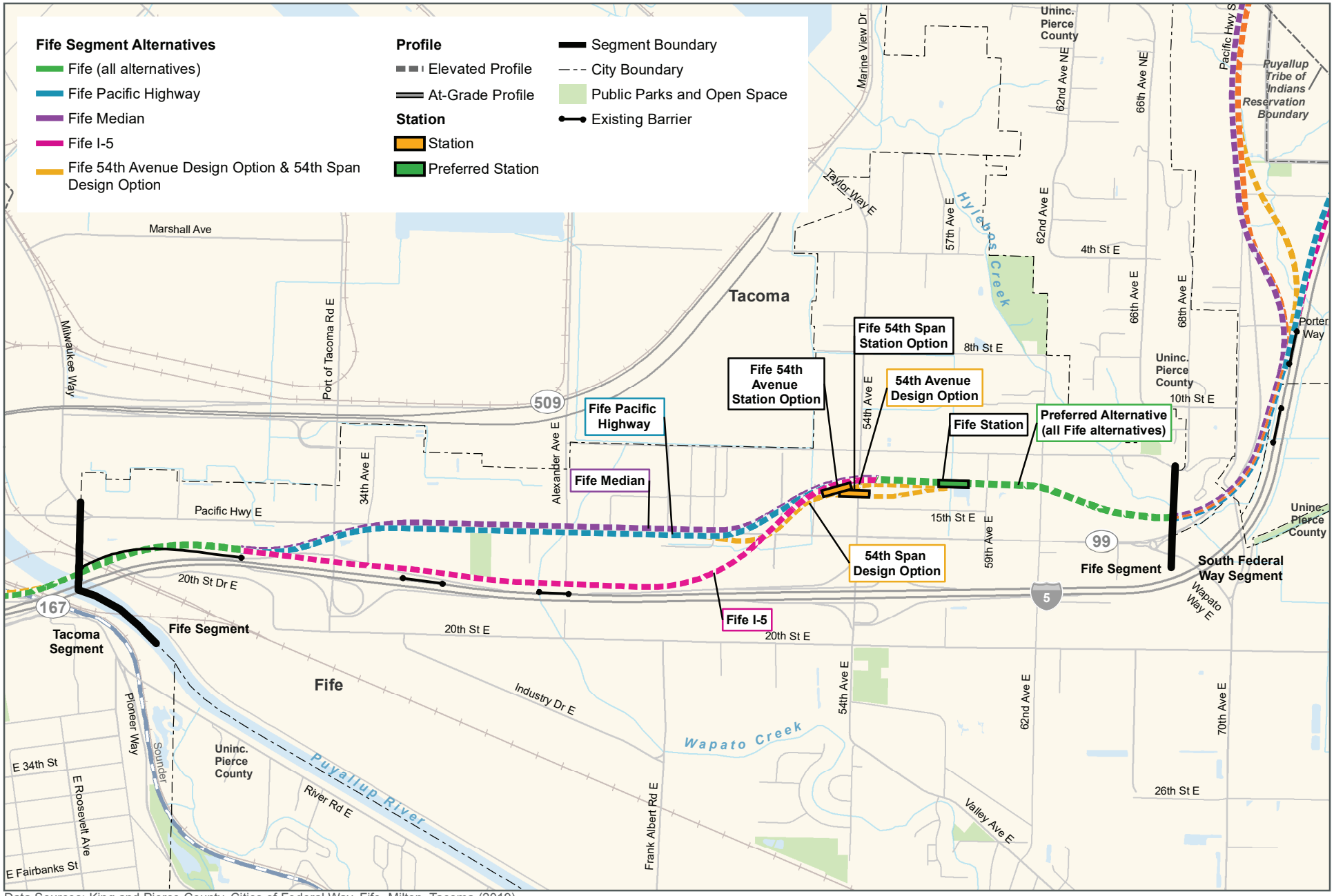

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4-34

Existing Southbound I-5 Roadside Barrier Locations
Fife Segment

Tacoma Dome Link Extension

Within the TDLE study area, approximately 13,900 feet of existing clear zone (approximately 43 percent of the total length) is present along the I-5 southbound mainline roadside. The remaining 57 percent (18,360 feet) is currently shielded by guardrail, walls, or barrier. The shielded segments of the southbound I-5 roadside include 13,630 feet where WSDOT could potentially create a clear zone by alteration, removal, or relocation of the roadside hazards described above. Approximately 4,730 feet of barrier would shield grade-separated streets or streams and a clear zone cannot be created. Additional barrier requested to meet clear zone requirements ranges from approximately 1,580 to 7,230 feet, depending upon the build alternative.

4.8 Parking

Existing weekday public on-street and off-street parking supply and utilization information was collected in February 2020 for all roads within a 0.25-mile radius of the preferred alternative through the Tacoma Segment and at the South Federal Way Park and Ride. The existing weekday public on-street and off-street parking supply and utilization in the Tacoma Segment is summarized by station area in Table 4-40. Parking supply data were collected by type of parking (time-limited parking, free parking, loading zone, private) and location. Parking utilization counts were collected once during the weekday peak mid-morning or mid-afternoon hours.

Table 4-40 Existing (2020) Weekday Parking Supply and Utilization by TDLE Station Area

Station Area	Parking Type	Stalls	Demand	Utilization
Portland Avenue	Park-and-Ride	-	-	-
	Public Off-Street	-	-	-
	Public On-Street	147	54	37%
	Total	147	54	37%
Tacoma Dome	Park-and-Ride	2,337	2,313	99%
	Public Off-Street	1,011	456	45%
	Public On-Street[2]	742	532	72%
	Total	4,090	3,300	81%

Source: Parametrix identified the number of parking stalls and completed the utilization counts.

Notes:

(1) All public parking supply and utilization data were collected in February 2020, except for the Tacoma Dome park-and-ride supply and utilization information, which used Sound Transit park-and-ride count data collected in August 2019.

(2) Vehicles parked in loading zones (either 5-minute or 15-minute) were not collected in parking survey.

There are three park-and-ride locations within the TDLE project area near potential station locations: two in Federal Way and one in Tacoma. The Federal Way/S320th Street Park and Ride within the Federal Way segment and had an estimated utilization of 30 percent in 2019. The South Federal Way Park and Ride, located on S 348th Street and west of Pacific Highway is in the South Federal Way segment and has an approximate parking utilization of 18 percent in 2019. At the Tacoma Dome Station, there are two existing parking garages with over 2,300 parking spaces that were 99 percent utilized in February 2020. This park-and-ride location can be accessed via vehicle from Puyallup Avenue and is less than 0.25 mile from the proposed TDLE station platforms. Another park-and-ride farther north in Federal Way is located near the alignment on 320th Street S, farther from potential station areas. The Federal Way Downtown Station park-and-ride, located north of the TDLE study area at the terminus of the Federal Way Link Extension, had an estimated occupancy of 69 percent in 2019. Estimated occupancy for all park-and-rides was included in this analysis to represent the same pre-pandemic timeframe.

In the South Federal Way and Fife segments, no public on-street or off-street parking is within 0.25 mile of the proposed station locations. Commercial and retail businesses surround each of the South Federal Way and Fife proposed station locations and include extensive on-site parking, but these parking spaces were not included in the field survey as they are private parking. Parking in off-street lots associated with these retail businesses is not time-restricted and may be monitored by the businesses to prevent long-term parking in the existing lots. The proposed SF I-5 Station and Fife Station are within 0.5 mile of residential neighborhoods with on-street parking.

Most of the industrial businesses near the Portland Avenue Station in Tacoma provide on-site parking for customers. Public on-street parking spaces near the Portland Avenue Station are mostly in the residential neighborhood south of I-5, with some on-street public parking located on E 26th Street. Approximately 37 percent of the public on-street parking spaces within 0.25 mile of the Portland Avenue Station are occupied during the midday period.

The area near the Tacoma Dome Station has the most on-street public parking available of all the segments. Most on-street parking along Puyallup Avenue, E 25th Street, E 26th Street, and East C Street is time-restricted. Additional streets, such as E Dock Street, East D Street, and E McKinley Avenue, also noted smaller levels of available on-street parking. For the 0.25-mile radius surrounding the proposed station locations, roughly 72 percent of on-street parking was occupied during the midday period.

In addition to the park-and-ride lots at the Tacoma Dome Station, there are six publicly available off-street parking lots, with a total of 1,011 parking spaces where vehicles may park for multiple hours at a time. These off-street lots include:

- Tacoma Dome Lot A, which has 562 parking spaces and is managed by Republic Parking (Parking Lot 130-078).
- Diamond Parking Lot WT48 Freighthouse Square, which is located at 2501 East D Street and has 64 parking spaces.
- Diamond Parking Lot WN21, which is located at 211 E 25th Street and has 42 parking spaces.
- Diamond Parking Lot, which is located at 102 E 25th Street and has 28 parking spaces.
- Diamond Parking Lot WT-51, which is located below I-705 and comprises two lots. The parking lot at 107 E 25th Street has 175 parking spaces, and the parking lot at 2362 A Street has 140 parking spaces.

The utilization percentage of the off-street public parking lots was approximately 45 percent for the midday time period. The large parking lot located just east of the transit center at Tacoma Dome Station, which was previously a public off-street parking lot, was noted to be closed to public parking and was occupied solely with U-Haul vehicles. In total, the area near the Tacoma Dome Station maintains an 81 percent parking utilization when considering all public on-street, off-street, and Tacoma Dome Station parking spaces within 0.25 mile of the proposed station locations.

4.9 Navigation

The Puyallup River and Thea Foss Waterway are the main navigable waterways in the study area. Thea Foss Waterway is located near the Tacoma Dome Station and has all types of users, including recreational and commercial. The Puyallup River is located near the proposed Portland Avenue Station and is navigable to watercraft, including both recreational and commercial users, from the confluence with Commencement Bay to 3 miles upstream. The

proposed light rail bridge crossing would occur at approximately mile 2.3, upstream of an existing railroad bridge that limits the size of watercraft that can navigate the Puyallup River. The U.S. Coast Guard has identified this reach of the Puyallup River as “navigable in law, but not actually navigated other than by logs, log rafts, rowboats, canoes, and small motorboats” (U.S. Coast Guard, 2018). The U.S. Coast Guard issued an advanced approval determination for the project on October 1, 2018. All other water bodies in the study area are not navigable.

The crossing of the Puyallup River is within the ancestral and reservation lands of the Puyallup Tribe of Indians and where the Puyallup Tribe has treaty-protected fishing rights to navigate and fish in and along the Puyallup River. The Puyallup River is a water of the U.S. and any work within the Puyallup River or that may otherwise affect fish in the study area would be conducted in accordance with the terms of the United States Army Corps of Engineers (USACE) Section 404/Section 10 permit, Hydraulic Project Approval (HPA), and other applicable permits and reviews, such as Tribal permits and ESA Section 7 consultation. Project activities would also be subject to Section 408 for actions that affect the Puyallup River levees that are under the jurisdiction of the USACE.

5 LONG-TERM IMPACTS

The future long-term effects described in this chapter are a comparison of the No-Build Alternative and TDLE build alternatives conditions for the year 2042. The year 2042 represents the first year after completion for all Sound Transit 3 projects. This provides a common future analysis year for ridership forecasting, air, noise, transportation, and other environmental elements on all Sound Transit 3 projects.

This chapter discusses changes in regional facilities and travel, transit operations, arterial and local street operations, freight mobility and access, nonmotorized facilities, safety, and parking. Changes to I-5 are addressed in sections pertaining to regional facilities and travel (screenline performance), arterials and local street operations (I-5 ramp terminal intersection operations and off-ramp queues), and safety.

The effects of the TDLE build alternatives were analyzed assuming that light rail would extend to the Tacoma Dome Station. Interim terminus options at stations in both South Federal Way and Fife were also evaluated. This chapter is organized to assess how the transportation network would change by comparing the No-Build Alternative with the build alternatives. For analysis elements where the TDLE build alternatives would trigger mitigation, further discussion on proposed mitigation is provided in Chapter 8, Potential Mitigation Measures.

Environmental impacts for the TDLE build alternatives are summarized by segment (shown on Figure 5-1):

- **Federal Way Segment:** The Preferred FW Enchanted Parkway Alternative and FW Design Option, which do not include a station.
- **South Federal Way Segment:** SF Enchanted Parkway Alternative, which includes the SF Enchanted Parkway Station, the SF I-5 Alternative, which includes the SF I-5 Station, the SF 99-East Alternative, which includes the SF 99-352nd Station, and the SF 99-West Alternative, which includes the SF 99-Enchanted Station. The SF 352nd Span Station Option (station design option for the SF Enchanted Parkway Alternative) and Porter Way Design Option for the SF 99-East and SF 99-West Alternatives are also evaluated in the South Federal Way Segment.
- **Fife Segment:** Fife Pacific Highway Alternative, the Fife Pacific Highway Median Alternative (Fife Median Alternative), and the Fife I-5 Alternative, all include the preferred Fife Station location. For all Fife Segment alternatives, the 54th Avenue Design Option with a station location west of 54th Avenue E, and the 54th Span Design Option with a station location spanning 54th Avenue E are also evaluated.
- **Tacoma Segment:** Preferred Tacoma 25th Street-West Alternative, which includes the 25th Street-West Station; Tacoma 25th Street-East Alternative, which includes the 25th Street-East Station; Tacoma Close to Sounder Alternative, which includes the Close to Sounder Station; and Tacoma 26th Street Alternative, which includes the 26th Street Station. A Portland Avenue Station and a Portland Avenue Span Station Option are evaluated for all alternatives in the Tacoma Segment.

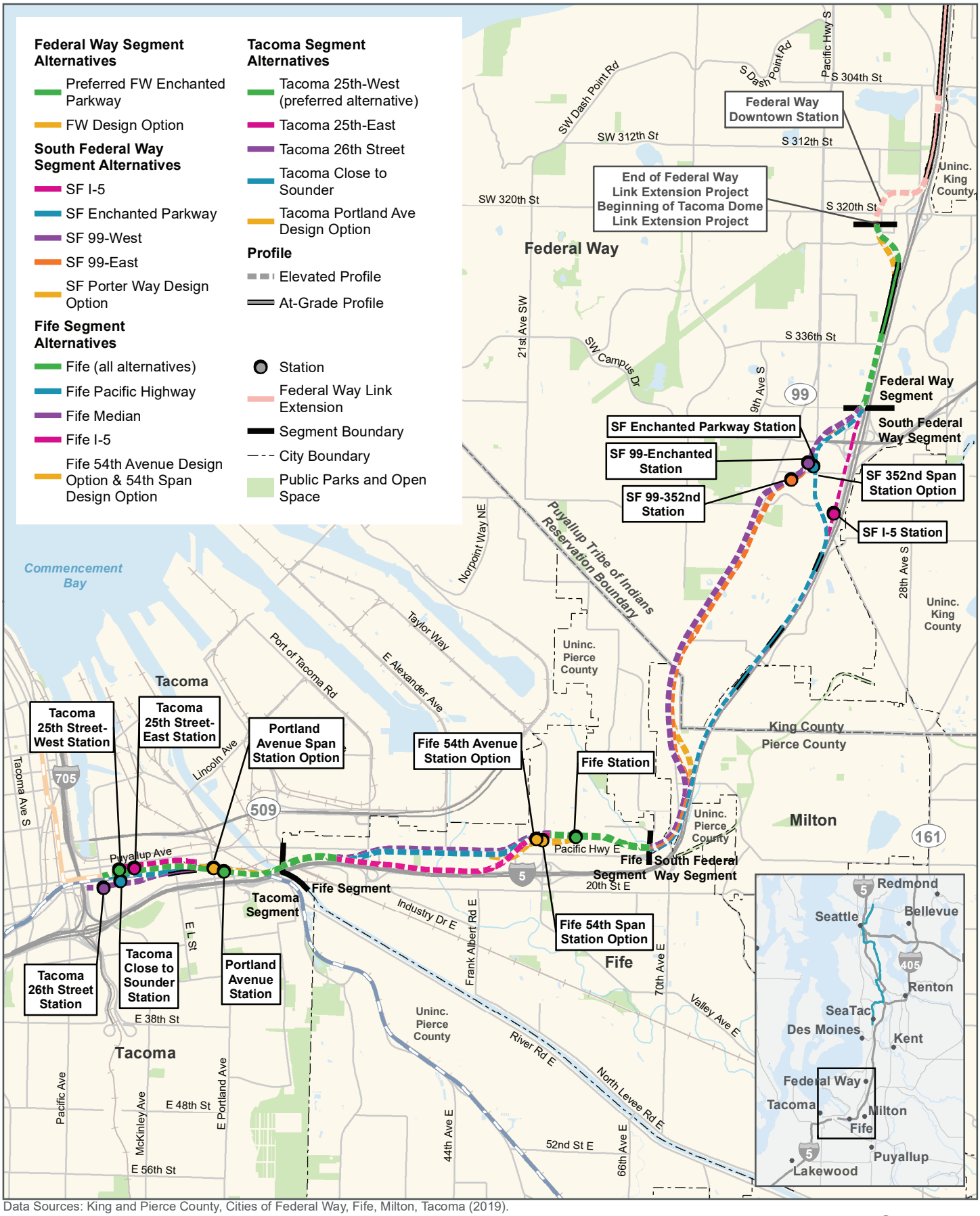

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 5-1
Alternatives

Tacoma Dome Link Extension

5.1 Regional Transportation

Regional travel patterns, including projected vehicle forecasts, regional travel, traffic congestion, and person mode of travel, are discussed in detail in this section. For the purposes of reporting in the tables and figures in this section, results are shown for all the build alternatives since all build alternatives would have similar regional impacts.

Key findings of note include the following:

- The TDLE transportation study area includes a variety of roadway and transit projects that are planned and have identified sources of funding for construction.
- Any of the TDLE build alternatives would reduce overall regional VMT by approximately 225,000 miles per day and VHT by approximately 15,000 hours per day compared to the No-Build Alternative.
- Screenline vehicle volumes and v/c ratios would be reduced with any of the build alternatives.
- While vehicle trips are expected to decrease, person trips would increase with any of the build alternatives through the TDLE corridor. The percentage of these trips using transit is expected to increase compared with the No-Build Alternative.

5.1.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE, as described in Chapter 2 (Section 2.2). No-Build improvements include roadway and transit actions by state, regional, and local agencies that are currently funded, and those that are likely to be implemented based on approved and committed funding.

These reasonably foreseeable projects and transit service changes were incorporated into the transportation analysis for the 2042 No-Build and build alternatives and include both regionally noteworthy projects (i.e., Central Link Extensions and SR 167 Completion Projects) and specific local transportation improvement projects.

Listed below in Table 5-1 are key future transportation improvement project assumptions in the vicinity of the TDLE alternatives for both the No-Build and all build alternatives.

The only change to the transportation network included in the TDLE build alternative compared with the No-Build Alternative would be the TDLE build alternatives and any associated multimodal transportation improvements in station areas.

Table 5-1 Regional Travel Demand Model Key Projects – Transit and Roadway

Location	Project Description
Central Link	Extend light rail spine north to Everett (by 2037 to 2041) and south to Federal Way (by 2024)
East Link	Extension to downtown Redmond (by 2023)
Kirkland to Issaquah Link	New light rail line from South Kirkland to Issaquah (by 2041 to 2044)
Infill Link stations	NE 130th Street (2025), S Graham Street (2031), and S Boeing Access Road (2031) in Seattle
Sounder South Line	Capacity enhancements and extensions to Tillicum and Dupont (by 2045)
Maintenance and Operations Facilities	Adding new facilities in Bellevue (2034), and north and south (2029) service areas.
I-5 HOV Projects	Completion of the I-5 HOV projects near Fife and Tacoma (2022).
I-5 SR 161/SR 18 Triangle Project – Phase 2	The project is currently suspended, with no timeline for resumption; Phase 2A of the project includes adding a new exit from southbound I-5 to S 356th Street and modifying the existing southbound off-ramps from I-5 to eastbound and westbound SR 18 (by 2027). Phase 2B includes adding a northbound lane to I-5 to improve traffic flow and a two-lane off-ramp from northbound I-5 to eastbound SR 18.
SR 167 Completion Project from SR 161 to SR 509	Completion of SR 167 from SR 161 to SR 509. When completed, drivers would see a divided highway with access points at interchanges in key locations, including SR 509, 54th Avenue E, I-5, Valley Avenue E, and SR 161. Its completion would benefit the movement of freight while improving safety and reducing congestion on local roads and highways in the surrounding area. All lanes on the new portion of SR 167 would be tolled using two electronic toll points with no tollbooths. The SR 167 Completion Project was originally funded over a 16-year timeline, with targeted completion in 2031. The state Legislature advanced program funding in the 2019 session, moving the project completion to 2028. The first stage of construction, a replacement of the 70th Avenue E bridge over I-5, was completed in 2021, and the second stage of construction linking I-5 to SR 509 began construction in summer 2022.
I-5/Port of Tacoma Road Interchange	The project would reconfigure the existing interchange to a split diamond interchange, moving the southbound off-ramp and northbound off-ramp to a new freeway overcrossing at 34th Avenue E. The two parallel bridges would each be one way between 20th Street E and Pacific Highway: southbound only on Port of Tacoma Road and northbound only on 34th Avenue E. The first of multiple construction projects was completed in 2020. Both southbound ramps were reconstructed and 34th Avenue E was extended from Pacific Highway to the interchange.
Frank Albert Road E from 20th Street E to Pacific Highway E	Extend Frank Albert Road E from 20th Street E to Pacific Highway E, including I-5 overpass (2024).
Canyon Road E from Pioneer Way E to 70th Avenue E	Extend Canyon Road E as four-lane roadway from Pioneer Way E over the Puyallup River to 70th Avenue E (2026).
I-5/54th Avenue Interchange	The planned improvement would build two additional sets of ramps to reduce conflicts at the existing ramp intersections along 54th Avenue E as well as at the 54th Avenue E/SR 99 intersection. New northbound on- and off-ramps would connect to 20th Street E west of 54th Avenue E, and new southbound on- and off-ramps would connect to Pacific Highway west of 54th Avenue E. These improvements are currently unfunded but are expected to be completed by 2028.

Source: PSRC Travel Demand Model and Sound Transit Incremental Ridership Model, modified by Fehr & Peers April 2020

Notes: Projects were included in the travel model if they are listed in the PSRC Regional Capacity Projects List (updated August 2019) under the Constrained Plan Category (Approved, Conditionally Approved, or Candidate). Unprogrammed projects are not included.

5.1.2 Vehicle Miles Traveled and Vehicle Hours Traveled

Table 5-2 shows the daily VMT, VHT, and VHD for the No-Build Alternative and build alternatives for 2042. Changes in VMT, VHT, and VHD would be similar among build alternatives; therefore, a representative TDLE build alternative is highlighted in Table 5-2. With the extension of light rail south to Tacoma, regional VMT is expected to decrease by approximately 230,000 miles on a typical weekday compared with the No-Build Alternative because some regional automobile trips are expected to shift to light rail with TDLE.

Table 5-2 2042 Weekday Daily Vehicle Miles of Travel, Vehicle Hours of Travel, and Vehicle Hours of Delay

Alternative	VMT	VHT	VHD
No-Build Alternative	97,078,000	3,416,000	924,000
Build Alternatives	96,850,000	3,401,000	914,000
Change	-228,000	-15,000	-10,000

Source: PSRC Travel Demand Model, modified by Fehr & Peers April 2020

Forecast VHT are expected to decrease by 15,000 hours per day regionally with TDLE, while forecast VHD are expected to decrease by 10,000 hours per day regionally.

5.1.3 Facility Screenline Traffic Volume Projections

The PM peak hour and daily traffic volumes and v/c ratios for five screenline locations within the study area were analyzed to understand the relative differences in travel between the No-Build and build alternatives. Screenline volumes and v/c results are summarized in Table 5-3. When light rail is extended to Federal Way, some vehicle trips would shift to transit due to increasing congestion and the reliability and convenience of rail service, thereby resulting in minor decreases in traffic volumes and congestion across all five screenlines in the TDLE corridor. Modest traffic volume decreases are expected in both the peak and off-peak directions of travel; however, most roads across the screenlines would still operate at or near capacity in the peak direction.

Table 5-3 2042 PM Peak Hour/Daily Screenline Performance

Screenline	Direction	PM Peak Hour				Daily	
		No-Build Vehicle Volumes	No-Build Volume/ Capacity Ratio	Build Alternatives Vehicle Volumes	Build Alternatives Volume/ Capacity Ratio	No-Build Vehicle Volumes	Build Alternatives Vehicle Volumes
Screenline #1: East-West South of Federal Way	Northbound	18,300	0.69	18,000	0.69	311,900	308,800
	Southbound	29,500	1.04	29,300	1.04	313,400	311,100
Screenline #2: North-South in Fife	Eastbound	12,100	0.64	11,900	0.63	185,600	182,900
	Westbound	15,700	0.80	15,500	0.79	182,100	179,800
Screenline #3: North-South at Puyallup River	Eastbound	9,700	0.74	9,500	0.73	164,100	161,700
	Westbound	14,400	1.11	14,200	1.10	163,900	161,600
Screenline #4: North-South near Tacoma Dome	Eastbound	10,400	0.68	10,200	0.67	167,100	164,900
	Westbound	14,500	0.79	14,300	0.78	166,300	164,300
Screenline #5: East-West at S 48th Street	Northbound	17,600	0.47	17,500	0.46	281,200	280,200
	Southbound	26,500	0.32	26,500	0.32	273,600	272,700

Source: PSRC Travel Demand Model, modified by Fehr & Peers April 2020

5.1.4 Screenline Mode of Travel

Table 5-4 shows the total person demand and their mode of travel at the five screenline locations during the PM peak hour. The mode share for persons in the AM peak hour would be similar to the PM peak hour, with northbound/eastbound being the peak direction of travel in the morning.

During the PM peak hour, the number of persons traveling through the study area is expected to increase with the build alternatives. A slight decrease in SOV and HOV person demand is expected with the build alternatives as people shift from automobiles to light rail and other forms of transit. The transit mode share would increase with the build alternatives at all screenlines, except for Screenline #5, from 1 to 3 percent to 2 to 4 percent for northbound/eastbound travel and from 1 to 12 percent to 8 to 15 percent for southbound/westbound travel. For Screenline #5, transit trips have changed modes from Sounder to TDLE light rail, and TDLE light rail does not cross the screenline. This results in a transit mode share reduction when comparing the build alternatives with the No-Build Alternative.

Table 5-4 2042 PM Peak Hour Mode Share

Screenline	Direction	No-Build Alternative				TDLE Build Alternatives			
		Total Persons	SOV %	HOV %	Transit %	Total Persons	SOV %	HOV %	Transit %
Screenline #1: East-West South of Federal Way	Northbound	27,400	63%	36%	1%	27,500	62%	36%	2%
	Southbound	47,700	53%	37%	10%	48,100	52%	36%	12%
Screenline #2: North-South in Fife	Eastbound	17,200	70%	29%	1%	17,500	68%	28%	4%
	Westbound	22,800	64%	35%	1%	25,000	57%	32%	11%
Screenline #3: North-South at Puyallup River	Eastbound	14,000	70%	29%	1%	14,100	68%	29%	3%
	Westbound	20,800	62%	37%	1%	22,800	57%	34%	11%
Screenline #4: North-South near Tacoma Dome	Eastbound	14,800	70%	27%	3%	14,800	69%	27%	4%
	Westbound	23,600	55%	31%	14%	23,900	54%	31%	15%
Screenline #5: East-West at S 48th Street	Northbound	25,100	63%	35%	2%	24,800	63%	35%	2%
	Southbound	41,400	55%	33%	12%	39,500	58%	34%	8%

Source: PSRC Travel Demand Model and Sound Transit Incremental Ridership Model, modified by Fehr & Peers April 2020

5.2 Transit Operations

This section reviews transit service and circulation, regional and local bus transit, ridership, station area mode of access, transit L.O.S., and transit transfer rates. Key findings and comparisons for the No-Build and build alternatives include the following:

- Up to 30,000 daily transit riders would use the proposed TDLE.
- Transit L.O.S. measures of effectiveness, including hours of service, service frequency, and passenger load, would improve with light rail.
- Light rail would provide more reliable transit service because it would operate in an exclusive right-of-way with no at-grade vehicle crossing in the study area.
- The build alternatives would provide improved connections to regional destinations, especially in areas where transit service is extremely limited or would require multiple bus transfers.
- The proposed station locations in the study area would accommodate connections with bus, Sounder, T Line, nonmotorized, and automobile access trips.

5.2.1 No-Build Alternative

The No-Build Alternative includes a variety of changes to both transit operations and facility improvements that are funded for construction by 2042. The FWLE would develop new light rail stations at Kent/Des Moines, S 272nd Street, and Federal Way Downtown Station. The No-Build Alternative also includes construction of new light rail OMFs in south King County as well as other facility, transit bus route, and service modifications proposed within each of the local transit agency's long-range plans.

Under the No-Build Alternative, light rail would be extended south from its existing terminus at S 200th Street (Angle Lake Station) to the Federal Way Downtown Station as part of FWLE. The FWLE would include development of three new Link stations: Kent/Des Moines, S 272nd Street, and Federal Way Downtown Station. Up to 3,200 new parking spaces would be developed at the three stations. The Federal Way Downtown Station would serve as the southern terminus of the light rail system until TDLE is constructed.

Other transit service improvements that are assumed in the No-Build Alternative include light rail extensions to serve Everett, Ballard, West Seattle, Bellevue, Redmond, South Kirkland, and Issaquah, and Sound Transit's STRIDE BRT service on SR 522 and I-405. T Line would be extended to Tacoma Community College. Sounder service would be extended to Tillicum and DuPont, with new parking provided at these stations. Existing Sounder stations would be modified to accommodate longer trains, and additional Sounder trips would be provided. New light rail OMFs in Bellevue, the north corridor along Everett Link Extension, and in the south corridor north of the South Federal Way station area would be in operation. King County Metro's expansion of the South Campus and a new Sound Transit bus base in Bothell would also be in operation.

Local transit agencies have identified conceptual transit bus service plans that could be integrated under the No-Build and build alternatives. The information provided by these agencies represents a potential condition that could meet the foreseeable transit needs of the study area. It should be noted that actual changes to regional and local bus routes would require agency approval prior to implementation. Table 5-5 shows how transit service could operate in 2042 with the No-Build and build alternatives.

Table 5-5 2042 Conceptual Transit Routes at Light Rail Stations

Route Number[1]	Route Description	2042 No-Build Headways (minutes) Peak Period	2042 No-Build Headways (minutes) Midday	2042 Build Transit Service	2042 Build Headways (minutes) Peak Period	2042 Build Headways (minutes) Midday
Metro 182	Northeast Tacoma, South Federal Way Park and Ride, to Federal Way Downtown Station	20-60	60	Revised as Metro 3064[2]	30	30
Metro 3164	Federal Way Downtown Station to South Federal Way	-	-	New	30	30
PT 2	Lakewood to Tacoma	-	-	Revised[3]	20	20
PT 13	University of Puget Sound, Tacoma Dome	30	60	Deleted	-	-
PT 15	Ruston to Tacoma	-	-	New[4]	30	30
PT 41	Tacoma Mall, 72nd Street Downtown Station (South Tacoma), Tacoma Dome Station	30	30	Same as No-Build	20	30
PT 42	Tacoma Dome, Eastside, McKinley	30	30	Same as No-Build	30	30
PT 62	Browns Point to Fife	-	-	New[5]	30	30
PT 102	Purdy, Gig Harbor, Tacoma Dome	30	-	Revised as PT 2102[6]	30	-
PT 400	Puyallup, Downtown Tacoma	-60	-60	Same as No-Build	30	30
PT 402	South Hill, Puyallup, Milton, Federal Way Downtown Station	20	30	Revised[7]	20	30
PT 498	Auburn, Milton, Fife	-	-	New	30	60
PT 500	Tacoma, Fife, Milton, Federal Way	20	30	Revised[8]	15	30
PT 501	Tacoma, Fife, Milton, Federal Way	30	30	Deleted	-	-

Table 5-5 2042 Conceptual Transit Routes at Light Rail Stations (continued)

Route Number[1]	Route Description	2042 No-Build Headways (minutes) Peak Period	2042 No-Build Headways (minutes) Midday	2042 Build Transit Service	2042 Build Headways (minutes) Peak Period	2042 Build Headways (minutes) Midday
PT 1001	Tacoma Community College, Tacoma Dome	-	-	New[9]	10	15
ST 574	Lakewood to Federal Way Downtown Station	15	30	Revised[10]	20	15
ST 590	Lakewood, Tacoma, Federal Way Downtown Station	5[11]	-	Deleted	-	-
ST 594	Lakewood to Federal Way Downtown Station	15	30	Deleted	-	-
ST 592/594	DuPont, Lakewood, Tacoma	-	-	New[12]	15	60
ST 595	Purdy to Tacoma	-	-	New[13]	30	-
ST 596	Bonney Lake, Puyallup, Fife	-	-	New[14]	20	-
KT 2060	Kitsap County to Tacoma Dome	-	-	New[15]	30	-

Source: King County Metro, Pierce Transit, Sound Transit, 2019

Notes:

(1) Route numbers are subject to change with final service decisions by transit agencies.
(2) Revised route providing service between Northeast Tacoma and South Federal Way
(3) Would be a revision of the existing Route 2, which would not serve the Tacoma Dome under the No-Build Alternative.
(4) Proposed new route between Ruston and Tacoma via Ruston Way.
(5) Route 62 would be a revision of the existing Route 63, which would not serve Fife under the No-Build Scenario.
(6) Proposed new route serving Purdy, Gig Harbor, and Tacoma via SR 16.
(7) Revised route providing service between South Hill in Puyallup and South Federal Way.
(8) Revised route providing service between Tacoma and South Federal Way.
(9) Route 1001 would be a revision of Route 1, which would not serve the Tacoma Dome under the No-Build Scenario.
(10) Revised route providing service from DuPont to South Federal Way via I-5.
(11) Route 590 would operate at 5-minute headways in the peak direction only.
(12) Proposed new routing from DuPont to Federal Way via I-5.
(13) Proposed new routing from Purdy to Tacoma via SR 16.
(14) Proposed new route between Bonney Lake and Fife, serving the Puyallup Sounder Station.
(15) Proposed new routing from Kitsap County to the Tacoma Dome via SR 16.

PT = Pierce Transit; ST = Sound Transit; KT = Kitsap Transit.

Transit service is assumed to change from what exists today with the No-Build Alternative. Metro service would reflect the 2025 network described in METRO CONNECTS, which includes the addition of new or revised routes shown in Table 5-5 and deletion of existing Metro Routes 177, 178, and 193 that serve the South Federal Way study area.

Pierce Transit service would reflect Scenario 2, Incremental Growth, as described in Destination 2040. Pierce Transit service routing in the study area would mostly remain the same as current service. The one change would be revisions to Route 1, which would be divided into two separate routes, the southern half of which would be converted into Bus Rapid Transit service between Spanaway and downtown Tacoma via the transit center at Tacoma Dome Station. Headways on several routes would be improved.

Several Sound Transit Express bus routes that currently provide regional service from DuPont, Lakewood, Puyallup, and Tacoma, including Routes 574, 578, 590, and 594, would maintain their existing routing but be truncated at the Federal Way Downtown Station. Route 586, 592, and 595 would be discontinued.

For all TDLE build alternatives, there would be the same systemwide transit improvements as the No-Build Alternative, plus the extension of light rail to the area near the Tacoma Dome and the Tacoma Dome Station. The project would include four new light rail stations, two with new or expanded park-and-ride capacity, and improved transit connectivity through the construction of multimodal transit hubs. All TDLE build alternatives would operate 20 hours per day Monday through Saturday and 18 hours on Sunday. Headways are planned to be every 5 minutes during the AM and PM peaks, every 10 minutes midday and in the evenings, and every 12 to 15 minutes in the early morning and late evening. Transit agencies have identified preliminary conceptual bus transit service assumptions that could be implemented to integrate bus and light rail service in the study area.

5.2.2 Regional and Local Bus Transit Operations at Light Rail Stations

This section describes how regional and local buses would operate at each of the TDLE light rail station areas. Table 5-6 provides a summary of transit routes serving each station area, and the routes are displayed on Figures 5-2 through 5-4. Several of the routes represent new or revised routing for bus service.

Table 5-6 2042 Conceptual Transit Routes at Light Rail Stations Build Alternatives

Station Area	Agency/Route
South Federal Way	Metro: 3064, 3164 Pierce Transit: 402, 500
Fife	Pierce Transit: 62, 498, 500 Sound Transit: 596
Portland Avenue	Pierce Transit: 41, 400
Tacoma Dome	Pierce Transit: 2, 15, 41, 42, 400, 500, 1001, 2102, PT Bus Rapid Transit Sound Transit: 592/594, 595, 574 Kitsap Transit: 2060

Source: King County Metro, Pierce Transit, Sound Transit, 2019

5.2.2.1 Federal Way Transportation Segment

The Federal Way Segment does not include any stations. Transit service to nearby stations, as shown in Table 5-5, is described for South Federal Way stations in the following section.

5.2.2.2 South Federal Way Transportation Segment

Two Metro bus routes and two Pierce Transit bus routes would serve either station location in the South Federal Way Segment as summarized in Table 5-6. All four routes would provide all-day service at the headways shown in Table 5-5 and would terminate at the station.

The SF Enchanted Parkway Station and SF 352nd Span Station Option would have an off-street bus loop adjacent to the station platform that would accommodate all active bus zones.

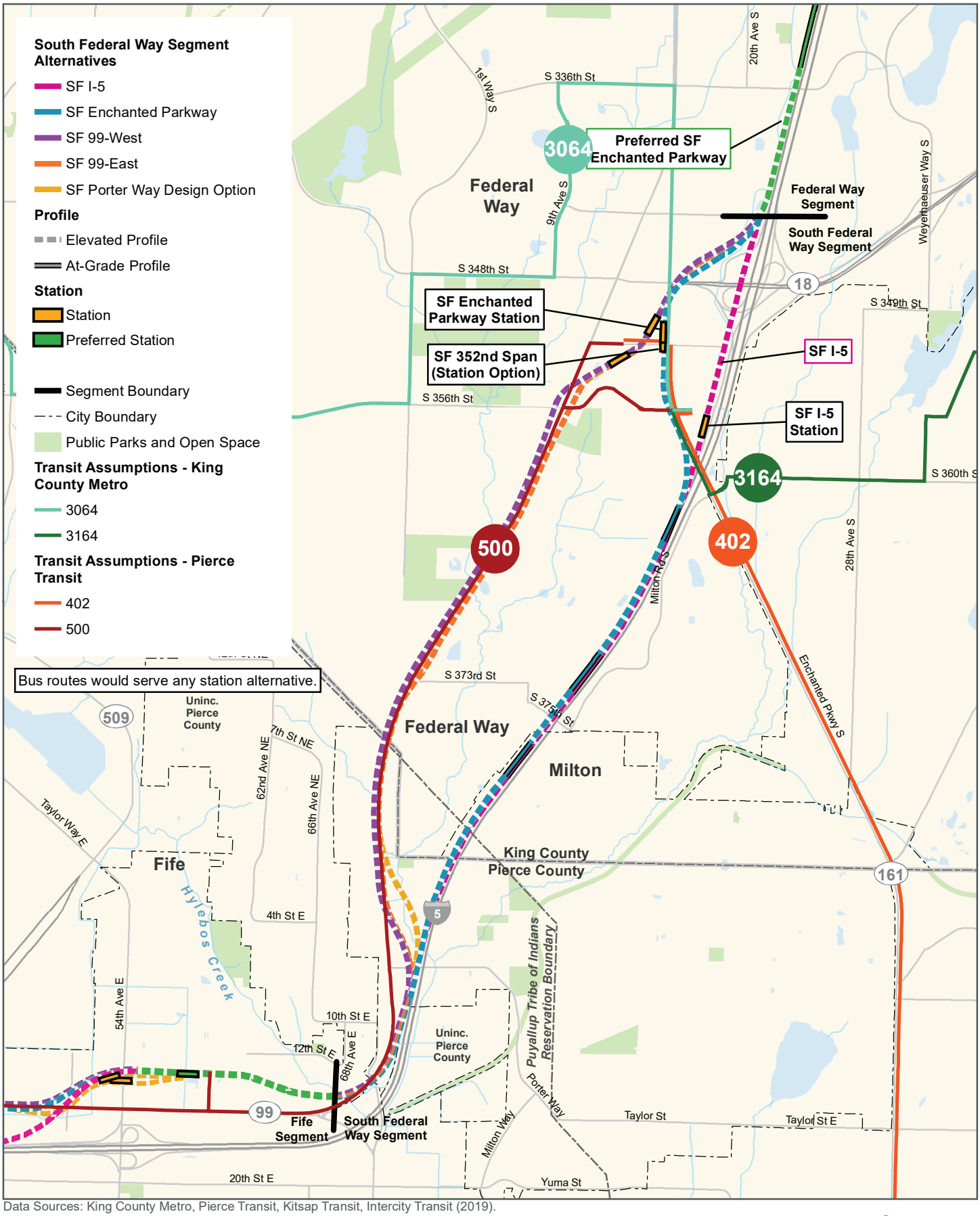

Data Sources: King County Metro, Pierce Transit, Kitsap Transit, Intercity Transit (2019).

FIGURE 5-2

2042 Conceptual Transit Routes at Light Rail Stations
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

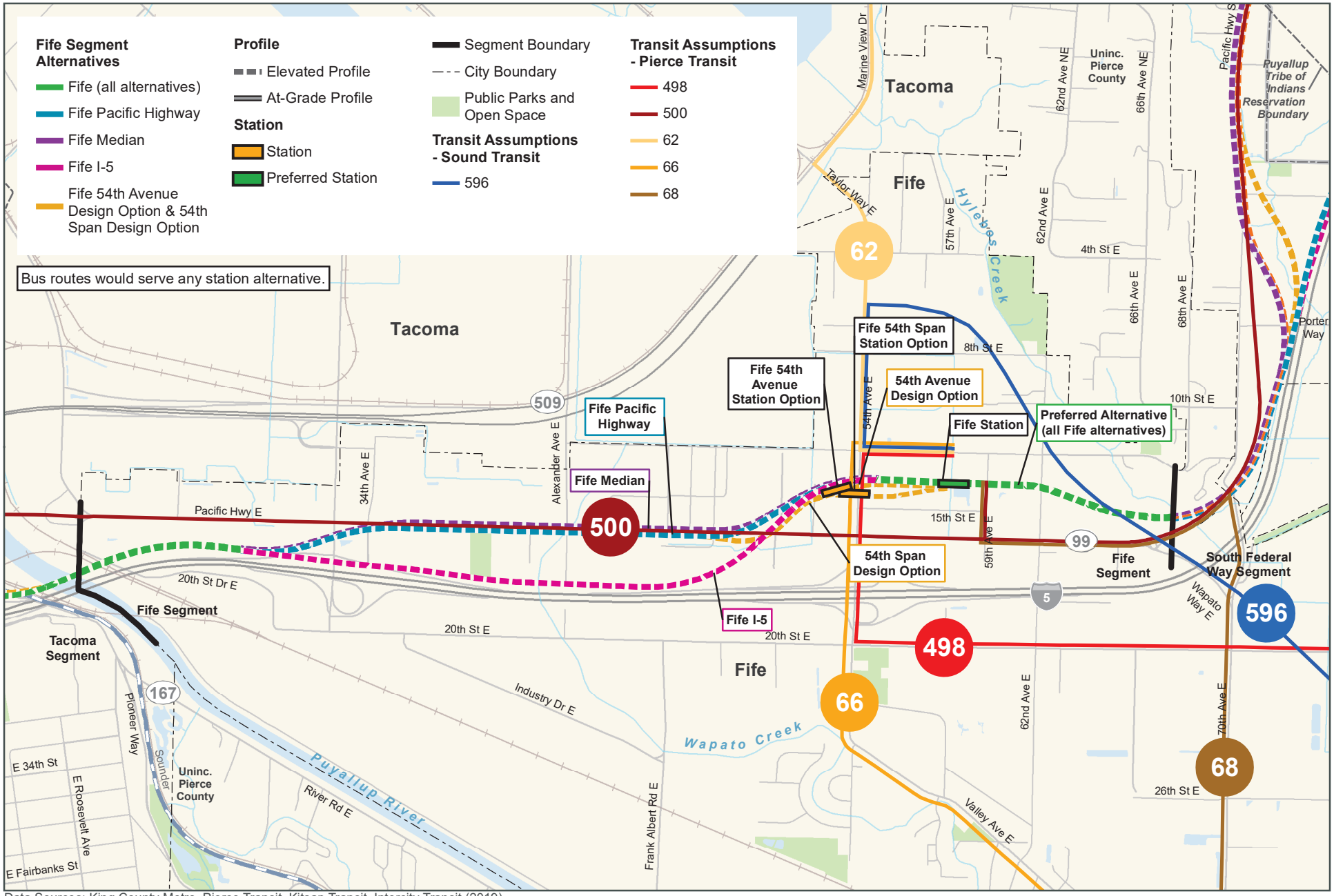

Data Sources: King County Metro, Pierce Transit, Kitsap Transit, Intercity Transit (2019).

FIGURE 5-3
2042 Conceptual Transit Routes at Light Rail Stations
Fife Segment

Tacoma Dome Link Extension

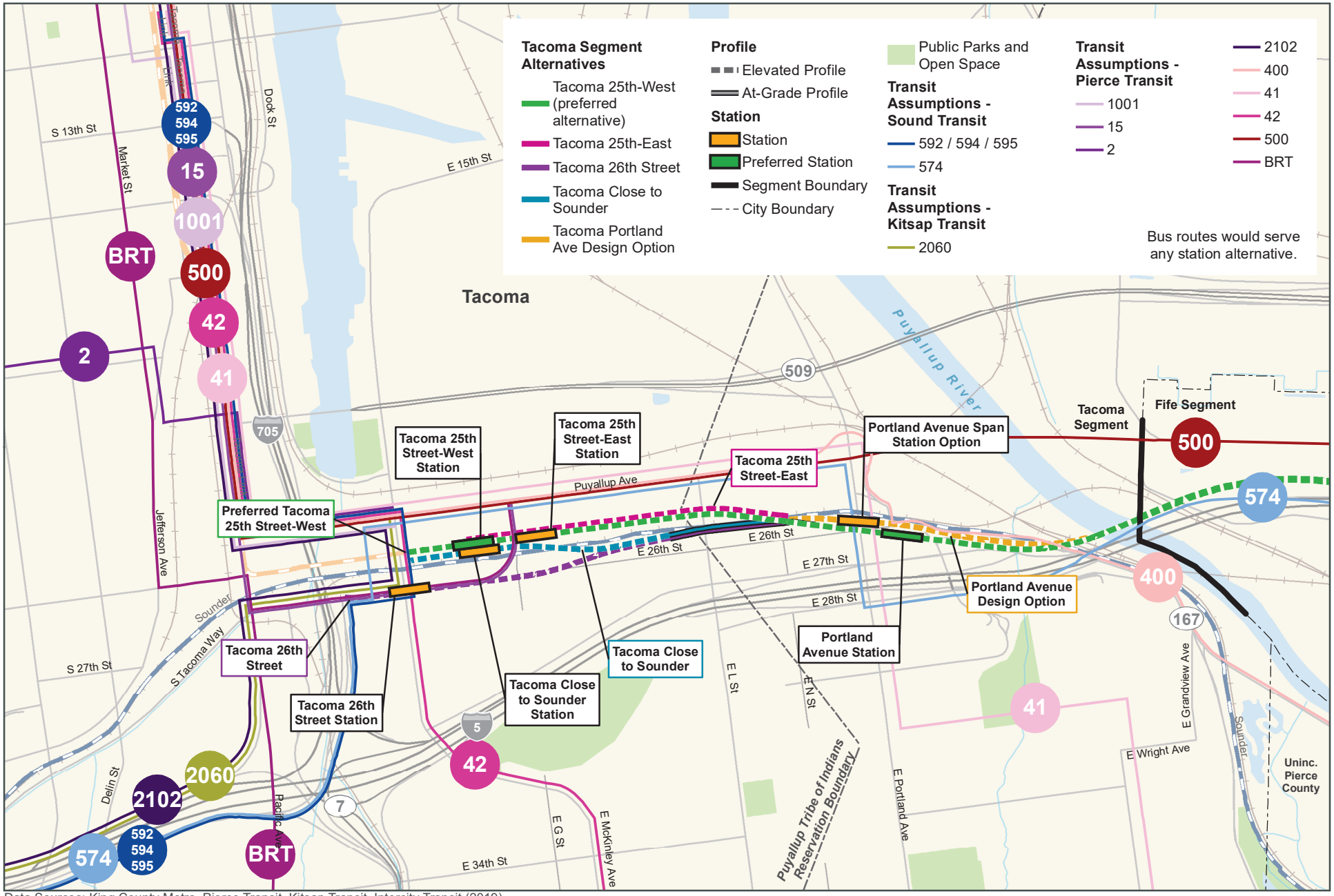

Data Sources: King County Metro, Pierce Transit, Kitsap Transit, Intercity Transit (2019).

N

0 0.5 1 Mile

FIGURE 5-4

2042 Conceptual Transit Routes at Light Rail Stations
Tacoma Segment

Tacoma Dome Link Extension

With the SF I-5 Station, all bus zones would be located in an off-street bus loop adjacent to the station platform. The SF I-5 Alternative would require buses to travel through the new roundabouts along S 356th Street to access the off-street bus loop.

For the SF 99-352nd Station on the SF 99-East Alternative, bus facilities would be located off of the street along S 352nd Street. There would be transit-only access from a central driveway between the two new streets, through the station site, connecting S 352nd Street and S 356th Street.

The SF 99-Enchanted Station on the SF 99-West Alternative would have an off-street transit and paratransit facility, with transit-only access from Enchanted Parkway and S 352nd Street.

5.2.2.3 Fife Transportation Segment

The Fife Segment would be served by five all-day Pierce Transit routes and one peak-only Sound Transit route as summarized in Table 5-6. Headways for these routes are shown in Table 5-5. These routes would serve all alternatives.

With the Fife Station, four on-street bus zones would be provided on a new station access street between the station platform and the parking facility. Two optional on-street stops would be provided on 59th Avenue E.

The 54th Avenue Station includes an off-street bus loop with access from 52nd Avenue E, which would be extended to connect with 12th Street E. The 54th Span Station over 54th Avenue would have a similar off-street bus loop connecting to 52nd Avenue E, which would be extended to 12th Street E.

5.2.2.4 Tacoma Transportation Segment

Portland Avenue Station

The Portland Avenue Station (Preferred Alternative) and Portland Avenue Span Station Option would be served by two Pierce Transit routes, both of which would provide all-day service. Routes serving the station and their headways are shown in Tables 5-6 and 5-5, respectively.

The Portland Avenue Station would include two on-street bus zones eastbound on E 26th Street, adjacent to the station platform, and two southbound zones on a new station access street between E 26th Street and E 27th Street. The Portland Avenue Span Station Option would include two on-street bus zones in each direction on E Portland Avenue.

Station near the Tacoma Dome

All of the TDLE station locations near the Tacoma Dome would be served by nine Pierce Transit routes, four Sound Transit routes, and one Kitsap Transit route. Table 5-6 summarizes these routes. These routes would provide a combination of all day and peak only service, as shown in Table 5-5. It would also be served by Sounder commuter rail and Amtrak passenger rail using the existing platform and station locations.

As summarized in Table 5-7, there are six options for bus transit facilities in the area near the Tacoma Dome that could be included with any of the build alternatives. Each build alternative near the Tacoma Dome includes at least one bus transit option; these options have been paired with a specific alternative for analysis.

For the Preferred Tacoma 25th Street-West Alternative, eight bus zones would be located at the existing transit center at Tacoma Dome Station and three would be located on-street on East G Street. Passengers would be able to transfer from the transit center at Tacoma Dome Station and the station platform via the existing walkway between the parking garage structures and via the sidewalk on East G Street. The westbound T Line platform at Tacoma Dome Station would be accessible just west of the proposed station platform, and the Sounder/Amtrak stations would be located to the south and west of the proposed platform.

Table 5-7 Summary of Tacoma Dome Bus Transit Options

Proposed Transit Layout	Tacoma 25th Street-West Station	Tacoma 25th Street-East Station	Tacoma Close to Sounder Station	Tacoma 26th Street Station
Active Stop Zone				
Puyallup Avenue Transit Plaza (Existing)	Paired	Paired	Not paired	Not paired
One-Way (Eastbound) 25th Street Sawtooth Layout	Not paired	Not paired	Optional; paired	Not paired
Two-Way (Transit Only) 25th Street Layout	Not paired	Not paired	Optional; paired	Not paired
Bus Plaza 27th Street and East D Street Loop Layout	Not paired	Not paired	Not paired	Paired
Puyallup Avenue/East G Street/McKinley Avenue E Transit Plaza	Not paired	Not paired	Paired	Not paired
Layover				
Layover Bus Plaza 26th Street and East G/J Street Layout	Not paired	Paired	Not paired	Not paired
Puyallup Avenue Transit Layover Plaza	Not paired	Not paired	Paired	Not paired
Layover Bus Plaza 25th Street and C Street Layout	Not paired	Not paired	Not paired	Paired
Puyallup Avenue/East G Street/McKinley Avenue E Layover Plaza	Paired	Not paired	Not paired	Not paired

Notes:

(1) Paired: Transit active stop zone and layover concepts that are paired with a station location for purposes of analysis.

(2) Optional: Transit active stop zones that are alternative transit layouts along E 25th Street.

(3) Not Paired: Transit active stop zones that could be paired with any station location, but have not been paired for this analysis.

For the Tacoma 25th Street-East Station, the bus zone layout would be the same as the Preferred Tacoma 25th Street-West Alternative. Passengers transferring between bus and TDLE would do so via East G Street. Both the T Line platform at Tacoma Dome Station and the Sounder/Amtrak stations would be located to the west of the proposed station platform.

For the Tacoma Close to Sounder Station, the T Line Station, including the T Line platform, transit center, and park-and-ride structures, and the Sounder/Amtrak stations would be located west of the proposed station platform. Three bus zone layouts could be developed as part of the Tacoma Close to Sounder Station:

1. Nine bus zones in a new off-street loop located at the northeast corner of East G Street and E 25th Street. Two adjacent on-street zones would be located on eastbound Puyallup Avenue.
2. Six bus zones in an off-street bus loop at the southwest corner of E 25th Street and East D Street. An additional five bus zones would be located on the south side of a one-way eastbound E 25th Street, adjacent to the station platform.

3. Six westbound on-street bus zones on the north side of E 25th Street and five eastbound bus zones on the south side, with the street operating as a two-way transit-only E 25th Street (which also is assumed to require a new eastbound T Line station on the south side of E 25th Street just east of East D Street, and relocation of the existing T Line station to operate westbound, directly across E 25th Street from the new station)

For the Tacoma 26th Street Station, 11 bus zones are in an off-street bus loop south of the proposed station platform. The T Line platform at Tacoma Dome Station and Sounder/Amtrak stations would be located north of the proposed station platform.

The Preferred Tacoma 25th Street-West Alternative would provide nearly uninterrupted connections between the bus zones and station platform, as street crossings would be required only to access one of the bus zones. No street crossings would be required to access T Line or Sounder. All other station locations near the Tacoma Dome would require crossings to access six or more bus zones. The East E Street crossing between the bus zones and the station platform at the Tacoma 26th Street Alternative would be shorter than others because it is narrow and low-volume and has a driveway-type design. All station locations near the Tacoma Dome, other than the Preferred Tacoma 25th Street-West Alternative, would require a street crossing to access T Line, Sounder, or both.

5.2.3 Ridership

The ridership forecasts produced for TDLE were consistent with regional planning and used the most up-to-date information available. This includes the current regional land use forecast published by the PSRC at the time the environmental analysis was being conducted. The ridership forecasts presented in this section do not directly forecast transit ridership during large events, such as those at the Tacoma Dome, special Sounder service to sporting events, or the Washington State Fair. While it is expected that additional ridership would be experienced on the light rail system during days with events at these facilities, it is not included in the forecasts. These events are intermittent and occur during various times of the day, with the highest surge often occurring outside of peak travel times. These events would occur without light rail expansion, and the TDLE Project would provide additional high-capacity transit service to support this demand and facilitate access by efficiently moving attendees and staff to and from events.

The Land Use Vision (LUV.2) is developed from adopted county growth targets and the Regional Growth Strategy, although it may not precisely reflect adopted targets or other growth assumptions in adopted comprehensive plans or other documents. It is intended to support travel modeling applications and other planning analyses, including comprehensive plan updates, subarea plans, utility planning, and transportation planning. It contains population, household, and employment characteristics by forecast analysis zone, jurisdiction (city, unincorporated urban, rural), and Census Tract. Further information on ridership forecasting can be found in Attachment E Ridership and Traffic Forecasting Memorandum.

Table 5-8 shows the 2042 daily transit ridership for the No-Build and build alternatives in the TDLE corridor. Table 5-8 also documents the expected daily ridership and change in the number of new transit riders with the build alternatives.

Table 5-8 2042 Weekday Daily Transit and TDLE Trips

Measure	No-Build Alternative	Build Alternatives
Total Regional Daily Transit Trips[1]	753,000	766,000
Total Regional Daily Transit Boardings[2]	1,152,000	1,169,000
Total Daily Regional Link Boardings[2]	500,000	526,000
Total TDLE Transit Trips[3]	N/A	24,000-36,000
2042 New Transit Trips	N/A	11,000-16,000

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020

Notes

(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, all Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar.

(2) Boardings count each time a passenger boards a transit vehicle; passengers who transfer between transit lines in a single trip count as multiple transit boardings. Transit boardings include all boardings on bus, Sounder, all Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar. Regional Link Boardings include boardings on Central and T Line services only.

(3) Total daily trips (ridership) account for riders on TDLE, regardless of where they would board the train.

The TDLE build alternatives would generate 24,000 to 36,000 daily transit riders whose trips include using some or all of the TDLE system, 11,000 to 16,000 of which would be new transit riders. With the TDLE build alternatives, the number of daily transit boardings in the Sound Transit service area is expected to increase by up to 1.5 percent.

Average 2042 weekday and PM peak period station boardings for the build alternatives are shown in Table 5-9. These are boardings only at each TDLE station, while the total trips shown in Table 5-8 include all trips to or from any TDLE station.

Table 5-9 TDLE Boardings by Station (2042)

	PM Peak (3 – 6:30 p.m.)			Average Weekday		
Station	NB	SB	Total	NB	SB	Total
South Federal Way	50	120	170	1,400	400	1,800
Fife	360	340	700	1,700	900	2,600
Portland Avenue	120	N/A	120	1,200	0	1,200
Tacoma Dome	1,090	N/A	1,090	10,800	N/A	10,800
Total	1,620	460	2,080	15,100	1,300	16,400

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020

Planned park-and-ride spaces at the stations in South Federal Way and Fife may be deferred for up to 3 years from the anticipated start of light rail service in 2035. Boardings during the AM and PM peak periods were forecast without parking at Federal Way and Fife to understand potential changes to ridership between 2035 and 2038 if parking were deferred. If no parking spaces were provided at the stations in South Federal Way and Fife, total daily boardings at these stations would decrease; they would have up to 300 fewer average weekday boardings each. The Tacoma Dome Station would have an increase of 100 weekday boardings because some riders would shift to using a different station if parking were delayed. It is anticipated that daily boardings would also increase by up to 100 at the Federal Way Downtown Station. Most of the changes in boardings would be experienced during the AM peak period.

5.2.4 Station Mode of Access

Light rail stations are typically accessed by automobile (including park-and-ride trips, as well as passenger drop-off/pickup), transit (bus, intercity rail, light rail, ferry, streetcar, and monorail), walking, or bicycling. The Sound Transit Ridership Model provides an estimate of the various modes of access that would occur at each station; however, it does not explicitly forecast pickup/drop-off trips, which could be made by private vehicle, transportation network company, or taxi.

Mode of access for riders that exit the train at TDLE stations during the peak period was determined based on the Sound Transit Incremental Ridership Model, park-and-ride demand, and observed pickup/drop-off shares at analogous stations in the BART system in the Bay Area. Transit and walk/bike shares are estimated based on the Sound Transit model output and planned transit service levels and station characteristics. Actual mode of access would depend largely on future land use development patterns around stations, bus service, and activity associated with transportation network companies and autonomous vehicles.

Rider mode of access is forecast for 2042; these forecasts do not reflect conditions between the anticipated start of service in 2035 and 2042. This forecast includes 500 park-and-ride spaces at the stations in South Federal Way and Fife. Parking at the stations in South Federal Way and Fife could be deferred for 3 years from 2035. If deferred, parking would be constructed and open to passengers by 2038. Mode of access for forecast boardings by 2042 were estimated both with and without parking to understand the potential effects of deferred parking.

Table 5-10 summarizes the projected mode of access for riders who exit the train at TDLE stations during the PM peak period from 3 to 6:30 p.m. Because the units shown are riders, the number of vehicles accessing each station for park-and-ride or pickup would likely be lower because some vehicles would carry more than one TDLE rider. Mode of access without parking was modeled for the year 2042, consistent with prior modeling, to illustrate how deferred parking may affect mode of access if parking at Federal Way and Fife stations were deferred from 2035 to 2038. If parking is deferred, ridership from 2035 to 2038 is expected to be lower, with more pickup/drop-off, nonmotorized, and transit transfer access to South Federal Way and Fife stations for passengers exiting in the PM peak period. It is anticipated that parking would be provided by 2038 at the stations in South Federal Way and Fife if it is deferred at the start of light rail service, and rider mode of access would be similar to what is described with parking by 2042.

Table 5-10 PM Peak Period Mode of Access at TDLE Stations (2042) – Passengers Exiting the Train

Station	Park-and-Ride	Pickup	Walk/Bike	Transit Transfer	Total Passengers Exiting the Train
With Parking (2042)[1]					
South Federal Way	520 (48%)	270 (25%)	140 (13%)	160 (14%)	1,090
Fife	500 (51%)	100 (10%)	20 (2%)	360 (37%)	980
Portland Avenue	0	440 (65%)	220 (32%)	20 (3%)	680
Tacoma Dome[2]	1,350 (22%)	980 (15%)	780 (13%)	3,000 (49%)	6,110
Total	2,370 (27%)	1,790 (20%)	1,160 (13%)	3,540 (40%)	8,860

Table 5-10 PM Peak Period Mode of Access at TDLE Stations (2042) – Passengers Exiting the Train (continued)

Station	Park-and-Ride	Pickup	Walk/Bike	Transit Transfer	Total Passengers Exiting the Train
Without Parking (2042)[3]					
South Federal Way	0	400 (50%)	170 (21%)	230 (29%)	800
Fife	0	200 (29%)	50 (7%)	450 (64%)	700
Portland Avenue	0	440 (65%)	220 (32%)	20 (3%)	680
Tacoma Dome[2]	1,350 (22%)	980 (16%)	3,080 (50%)	3,080 (50%)	6,190
Total	1,350 (16%)	2,020 (24%)	1,220 (15%)	3,780 (45%)	8,370

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020

Notes:

(1) Consistent with the Sound Transit 3 Plan, the mode of access shares shown above assume two 500-stall parking facilities: one in South Federal Way and one in Fife. An average vehicle occupancy of 1.2 was assumed for vehicles accessing park-and-ride facilities.

(2) Forecasts for transit often show that demand for parking typically exceeds supply. It is assumed that the spaces at Tacoma Dome Station would be fully utilized, much as they are today. Sounder, Tacoma Link, and bus riders would continue to use parking facilities at Tacoma Dome Station. TDLE is expected to create additional demand for parking, however, it is anticipated that additional parking demand would be partially offset due to:

- Some Sounder, Tacoma Link, and bus riders who currently park at Tacoma Dome Station or would do so under the No-Build Alternative would use TDLE instead. This would reflect a net change of zero in parking demand.
- Transfers to and from other transit modes (Sounder, Tacoma Link, and bus riders) are expected to represent a high percentage of mode of access to TDLE during the PM peak period. These riders would not create additional parking demand.
- For the purposes of evaluating mode of access as well as traffic, it was assumed that 55 percent of the existing 2,450 stalls at the Tacoma Dome Station parking facility would be used by TDLE riders. Nearby public off-street parking lots have additional capacity.

(3) 2042 was used as the model year for deferred parking at the stations in South Federal Way and Fife; 2042 is used to present the range of effects of deferred parking from 2035-2038. Parking would be provided at both stations by 2038 if deferred.

Table 5-11 summarizes the projected mode of access for riders who board at TDLE stations during the PM peak period from 3 to 6:30 p.m., most of whom would be traveling via light rail and exiting the train at TDLE stations in the AM Peak Period. These riders would have much lower rates of park-and-ride at TDLE stations than riders who board at a TDLE station during the AM peak period from 6 to 9:30 a.m. and exit the train in the 3.5-hour PM peak period (i.e., riders who live near TDLE stations rather than work near them). Therefore, the park-and-ride share was held at 15 to 18 percent for stations with parking facilities. Transit and drop-off mode shares were assumed to be similar to those for passengers exiting the train in the PM peak period, and walk/bike mode share is assumed to be substantially higher. This reflects the forecasted increase in employment along TDLE that would allow commuters to take light rail and then reach their place of work by foot.

Mode of access without parking was modeled for the year 2042, consistent with prior modeling, to illustrate how mode of access may be affected if parking at Federal Way and Fife stations were deferred from 2035 to 2038. Access to the station for people boarding the train would shift to pickup/drop-off at South Federal Way and transit transfers at Fife, but overall PM peak boardings would not be affected. It is anticipated that parking would be provided by 2038 at the stations in South Federal Way and Fife if it were deferred at the start of light rail service, and rider mode of access would be similar to what is described with parking by 2042.

Table 5-11 PM Peak Period Mode of Access at TDLE Stations (2042) – Passengers Boarding the Train

Station	Park-and-Ride	Drop-Off	Walk/Bike	Transit Transfer	Total Boardings
With Parking (2042)[1]					
South Federal Way	30 (18%)	40 (23%)	80 (47%)	20 (12%)	170
Fife	110 (16%)	70 (10%)	260 (37%)	260 (37%)	700
Portland Avenue	0 (0%)	80 (67%)	40 (33%)	0 (0%)	120
Tacoma Dome[2]	160 (15%)	160 (15%)	260 (24%)	510 (47%)	1,090
Total	320 (15%)	350 (17%)	620 (30%)	790 (38%)	2,080
Without Parking (2042)[3]					
South Federal Way	0 (0%)	60 (35%)	80 (47%)	30 (18%)	170
Fife	0 (0%)	90 (13%)	270 (39%)	340 (49%)	700
Portland Avenue	0 (0%)	80 (67%)	40 (33%)	0 (0%)	120
Tacoma Dome[2]	160 (15%)	16- (15%)	260 (24%)	510 (47%)	1,090
Total	160 (8%)	390 (19%)	650 (31%)	880 (42%)	2,080

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020

Notes:

(1) Consistent with the Sound Transit 3 Plan, the mode of access shares shown above assume two 500-stall parking facilities: one in South Federal Way and one in Fife. An average vehicle occupancy of 1.2 was assumed for vehicles accessing park-and-ride facilities.

(2) Forecasts for transit often show that demand for parking typically exceeds supply. It is assumed that the spaces at Tacoma Dome Station would be fully utilized, much as they are today. Sounder, T Line, and bus riders would continue to use parking facilities at Tacoma Dome Station. TDLE is expected to create additional demand for parking; however, it is anticipated that additional parking demand would be partially offset due to:

- Some Sounder, T Line, and bus riders, who currently park at Tacoma Dome Station or would do so under the No-Build Alternative, would use TDLE instead. This would reflect a net change of zero in parking demand.
- Transfers to and from other transit modes (Sounder, T Line, and bus riders) are expected to represent a high percentage of mode of access to TDLE during the PM peak period. These riders would not create additional parking demand.
- For the purposes of evaluating mode of access as well as traffic, it was assumed that 55 percent of the existing 2,450 stalls at the Tacoma Dome Station parking facility would be used by TDLE riders. Nearby off-street parking lots have additional capacity.

(3) 2042 was used as the model year for deferred parking at the stations in South Federal Way and Fife; 2042 is used to present the range of effects of deferred parking from 2035 to 2038. Parking would be provided at both stations by 2038 if deferred.

5.2.4.1 South Federal Way Station

Table 5-10 illustrates that the primary mode of access in the South Federal Way station area is expected to be auto-oriented, mostly via park-and-ride users, with pickup representing the second-highest mode of access. Bus service to this station would be limited to four bus routes, two of which would have peak period headways of 30 minutes, which could result in long waits for transfers. The lack of residential development near the station also contributes to relatively low walk and bike access to this station.

Mode of access in the South Federal Way station area would be different if parking were not provided when service starts in 2035. Under this scenario, pickup/drop-off, walk/bike, and transit transfers would increase (total AM peak boardings would decrease as described earlier).

5.2.4.2 Fife Station

Park-and-ride users are forecast to represent the highest mode of access for the station in Fife, as shown in Table 5-10. Due to a high number of feeder lines, transit transfers are expected to comprise over one-third of the mode of access. Land uses around the station are expected to change over time to be more transit oriented, contributing to a higher walk and bike mode of access to this station.

Mode of access at the station in Fife would be different if parking were not provided when service starts in 2035. Under this scenario, pickup/drop-off, walk/bike, and transit transfers would increase (total AM peak boardings would decrease as described earlier).

5.2.4.3 Portland Avenue Station

Table 5-10 illustrates that pickup is anticipated to be the highest mode of access at the Portland Avenue Station since no parking is provided. Walk and bike access are forecast to represent approximately one-third of the mode of access. Only two bus routes would serve this station, which contributes to the low transit transfer activity.

5.2.4.4 Station near the Tacoma Dome

Sixteen bus routes, T Line, and Sounder would provide connections to any of the station locations near the Tacoma Dome. As a result, transit transfers are forecast to represent the highest mode of access to this station as shown in Table 5-10. Existing parking is available at the Tacoma Dome Station; however, it must be shared among Sounder, T Line, and bus users — thus not all of it can be attributed to TDLE riders. It was assumed that 60 percent of the planned total stalls would be used by TDLE riders. Increased residential land uses near the station would influence the walk and bike mode of access. Table 5-12 displays the distribution of transit transfers by mode at the Tacoma Dome Station.

Table 5-12 PM Peak Period TDLE Tacoma Dome Transit Transfers by Mode (2042)

	PM Peak Period Transit Transfer Share	Number of PM Peak Period Transfers for Boardings	Percentage of Total Boardings (1,090)	Number of PM Peak Period Transfers for Passengers Exiting the Train	Percentage of Total Passengers Exiting the Train (6,110)
T Line	47%	240	22%	1,410	23%
Bus	43%	220	20%	1,290	21%
Sounder	10%	50	5%	300	5%
Total Transit Transfers	100%	510	47%	3,000	49%

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) T Line transfers are forecast to account for most transit transfers per the Sound Transit Model. This is due to increased frequency of T Line when compared with bus transit, as well as the T Line extension to Tacoma Community College.

5.2.5 Transit L.O.S. Measures

Transit L.O.S. was analyzed for service frequency, hours of service, passenger loads, and reliability to describe transit performance in the No-Build and build alternatives for the year 2042. The transit L.O.S. methodology used the same procedures and metrics described in Section 4.2.4 in Chapter 4, Affected Environment.

In 2042, the regional Link system is forecast to have four lines. Transfers among the first three would be possible in downtown Seattle.

- Ballard to Tacoma Dome.
- West Seattle to Everett.
- Everett to Redmond.
- South Kirkland to Issaquah.

5.2.5.1 Service Frequency

Figures 5-5 and 5-6 show the L.O.S. for service frequency for the 2042 No-Build and build alternatives during the PM peak hour. The 2042 No-Build service frequency would be the same as existing conditions because service levels would not notably change between the study area and regional destinations. In connection with FWLE, service from the study area would be refocused to connect to the regional light rail system at the Federal Way Downtown Station. Direct light rail transit service between the study area and North Seattle (Northgate and Lynnwood) and Bellevue/Redmond would not be available with the No-Build Alternative.

With the build alternatives, TDLE PM peak headways would be every 6 minutes, improving service frequency to L.O.S. A for connections between Tacoma, Fife, South Federal Way, and many of the Puget Sound regional destinations. With all TDLE build alternatives, connections to regional destinations north and east of downtown Seattle (Bellevue/Redmond, University of Washington, North Seattle/Lynnwood) would still require a transfer; however, the frequency of the rail service and the ease of transfer between light rail lines would offset the transfer time.

5.2.5.2 Hours of Service

Figures 5-7 and 5-8 show the L.O.S. for hours of service for the 2042 No-Build and build alternatives. The 2042 No-Build transit hours of service are assumed to remain the same as existing transit operations. With the No-Build Alternative, the hours of service between most study areas and regional destinations remain poor. The exception is service between Tacoma and downtown Seattle, which would be L.O.S. A or B.

With all TDLE build alternatives, service would operate 20 hours per day Monday through Saturday and 18 hours on Sunday, resulting in L.O.S. A for hours of service.

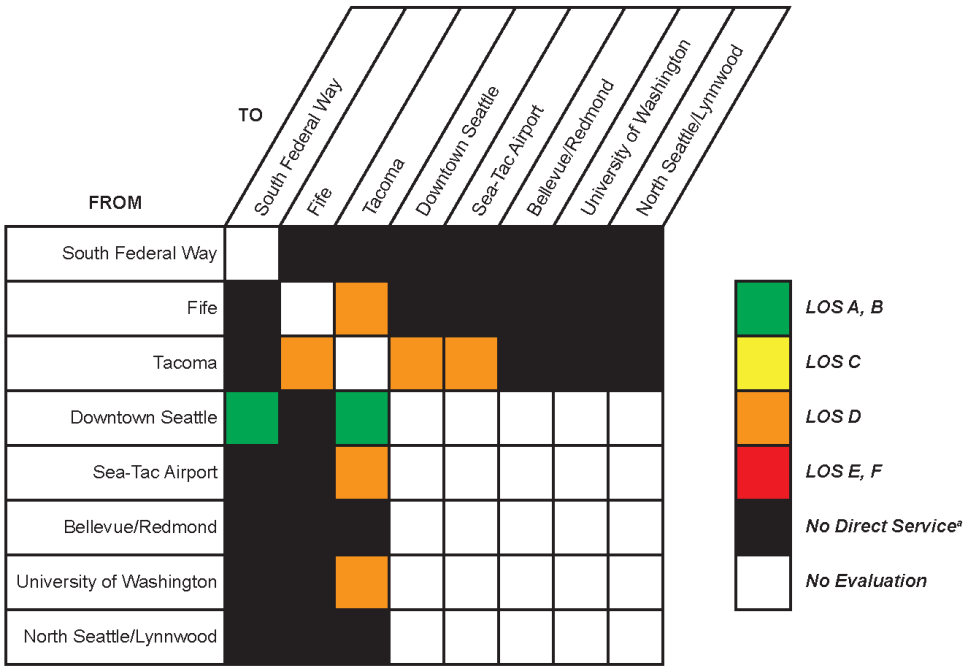

(a) No direct service or requires one or more bus transfers

Figure 5-5 2042 No-Build Alternative PM Peak Hour Transit Level of Service for Service Frequency

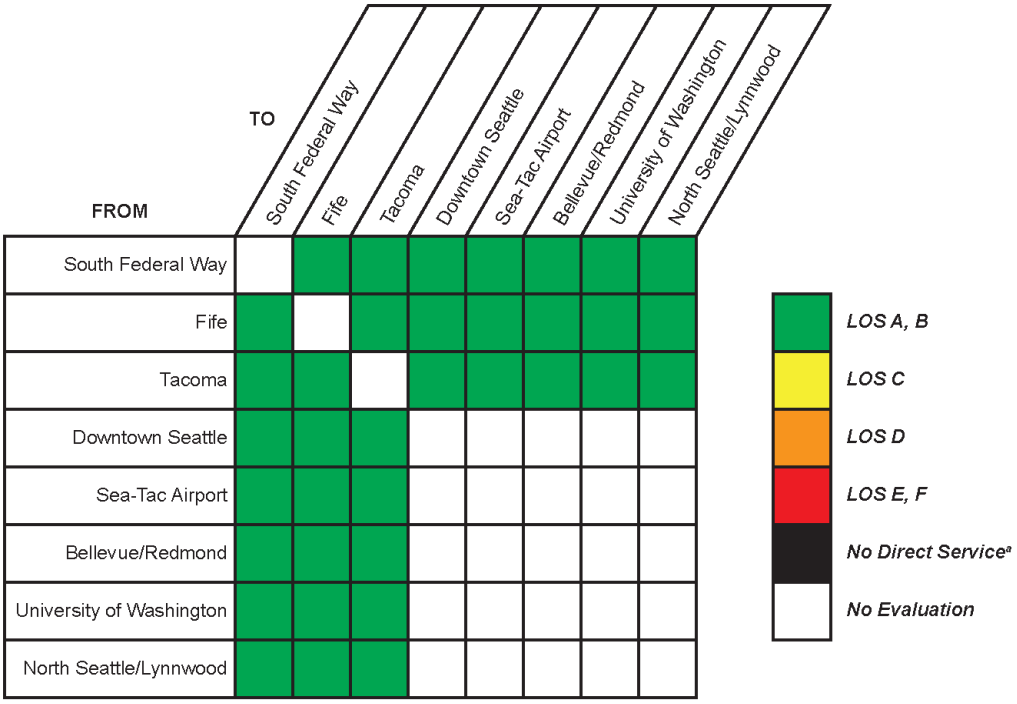

(a) No direct service or requires one or more bus transfers

Figure 5-6 2042 Build Alternatives PM Peak Hour Transit Level of Service for Service Frequency

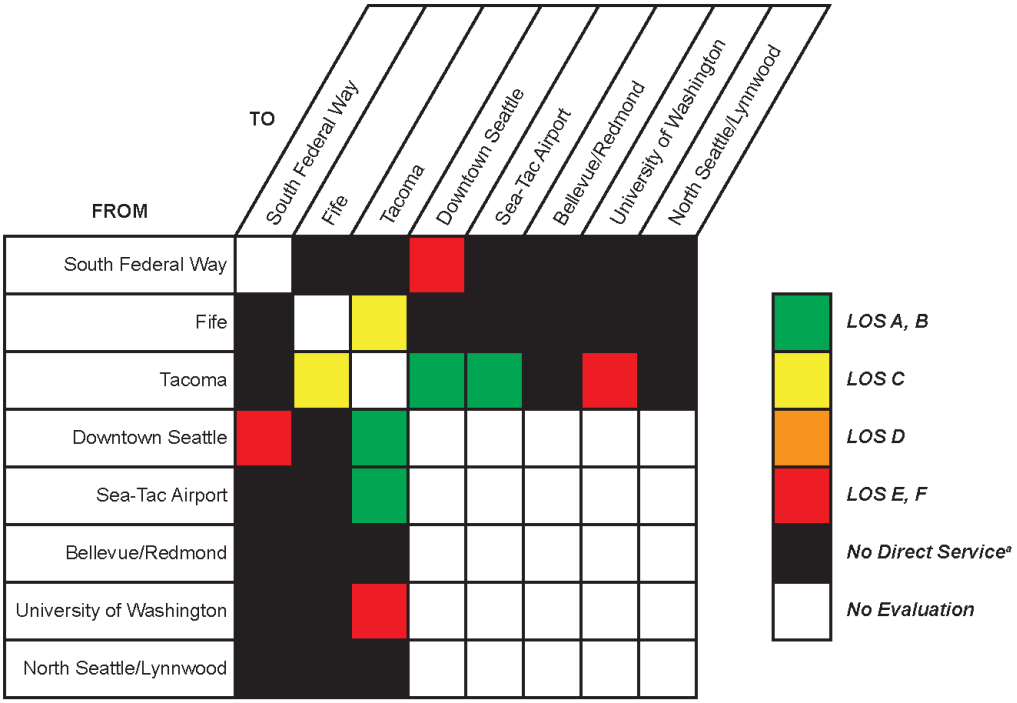

(a) No direct service or requires one or more bus transfers

Figure 5-7 2042 No-Build Alternative Transit Level of Service for Hours of Service

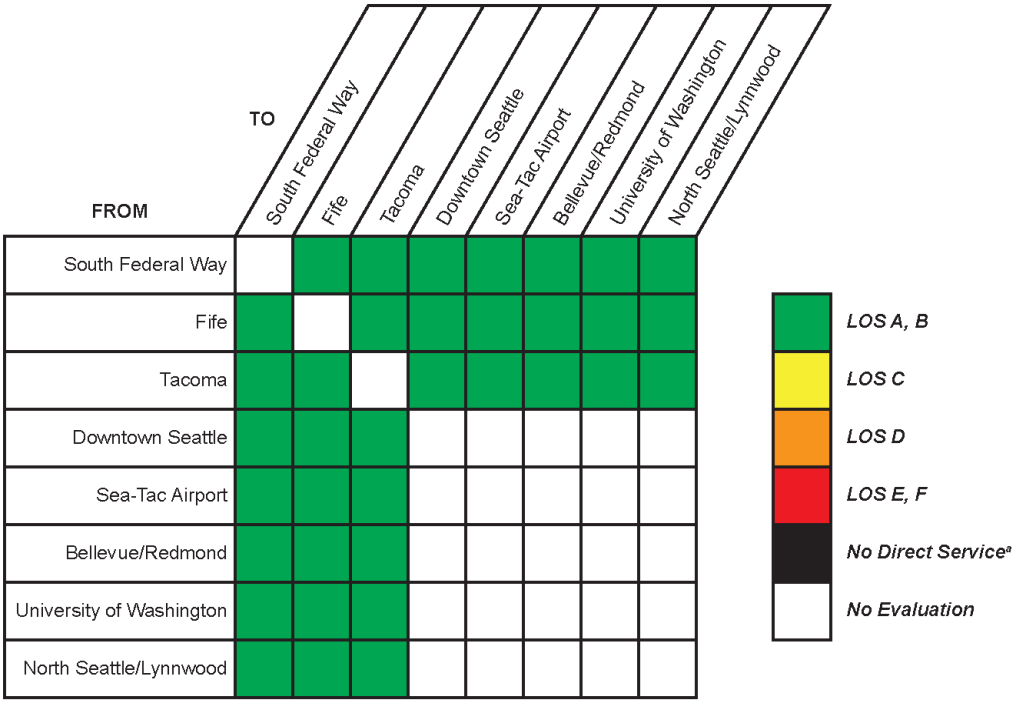

(a) No direct service or requires one or more bus transfers

Figure 5-8 2042 Build Alternatives Transit Level of Service for Hours of Service

5.2.5.3 Passenger Load

Passenger load L.O.S. for the No-Build and build alternatives was analyzed using estimated PM peak period passenger volume forecasts from the Sound Transit ridership model (Sound Transit 2019a). Table 5-13 compares the passenger load L.O.S. for the No-Build and build alternatives at the project screenline locations. Integrating the conceptual bus service plan and estimated passenger loads, a L.O.S. was calculated in accordance with the *Transit Capacity and Quality Service Manual* guidelines.

Under the No-Build Alternative, direct bus service connecting to some regional destinations would no longer be provided because riders would transfer at the Federal Way Downtown Station and travel to and from areas north of Federal Way by light rail. In the PM peak period, the transit passenger load for buses is expected to improve to L.O.S. A in both directions of travel resulting from planned changes to the bus network in the study area. Increased bus service is planned in the study area, providing additional capacity for riders. Expanded Sounder service is also expected to draw some riders from buses, also contributing to lower passenger loads. Increased demand would contribute to a decline in the average passenger load L.O.S. on Sounder at several screenlines in both directions from L.O.S. A to B or C. Although capacity would increase with the provision of longer train sets (increase from seven-car trains to 10-car trains), ridership is also forecast to increase across several screenlines. While average passenger loads are forecast to remain below the Sounder seating capacity, some trips would experience fuller trains where passengers have less seating choice.

With the build alternatives, the passenger load L.O.S. for light rail would be L.O.S. A across the four screenlines served by light rail. Light rail trains would provide additional capacity to accommodate forecast transit demand. Passenger load L.O.S. for buses would improve to L.O.S. A for all segments in both directions because riders would switch from buses to light rail. Average loads would improve across all screenlines as passengers use light rail for regional travel and bus service to access light rail stations. Sounder passenger load L.O.S. would remain at L.O.S. A or B across all screenlines. Table 5-13 summarizes forecast passenger load L.O.S. for the No-Build and build alternatives.

Table 5-13 2042 No-Build and Build Alternatives PM Peak Hour Route Passenger Load

	Direction	No-Build Average Load[1]	No-Build Average Capacity[2]	No-Build Load Factor[3]	No-Build L.O.S.	Build Average Load[1]	Build Average Capacity[2]	Build Load Factor[3]	Build L.O.S.
Bus									
Screenline #1: East-West South Federal Way	NB	7	40	0.18	A	4	40	0.10	A
Screenline #1: East-West South Federal Way	SB	8	40	0.20	A	4	40	0.10	A
Screenline #2: North-South Fife	EB	4	40	0.10	A	4	40	0.10	A
Screenline #2: North-South Fife	WB	6	40	0.15	A	2	40	0.05	A
Screenline #3: North-South Puyallup River	EB	8	40	0.20	A	1	40	0.03	A
Screenline #3: North-South Puyallup River	WB	9	40	0.23	A	3	40	0.08	A
Screenline #4: North-South Tacoma Dome	EB	20	40	0.50	A	4	40	0.10	A
Screenline #4: North-South Tacoma Dome	WB	8	40	0.20	A	3	40	0.08	A
Screenline #5: East-West S 48th Street	NB	7	40	0.18	A	7	40	0.18	A
Screenline #5: East-West S 48th Street	SB	10	40	0.25	A	9	40	0.23	A
Sounder									
Screenline #1: East-West South Federal Way	NB	159	1,450	0.11	A	59	1,450	0.04	A
Screenline #1: East-West South Federal Way	SB	1,233	1,450	0.85	C	749	1,450	0.52	B
Screenline #2: North-South Fife	EB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Screenline #2: North-South Fife	WB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Screenline #3: North-South Puyallup River[4]	EB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Screenline #3: North-South Puyallup River[4]	WB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Screenline #4: North-South Tacoma Dome	EB	155	1,450	0.11	A	68	1,450	0.05	A
Screenline #4: North-South Tacoma Dome	WB	762	1,450	0.53	B	302	1,450	0.21	A

Table 5-13 2042 No-Build and Build Alternatives PM Peak Hour Route Passenger Load (continued)

	Direction	No-Build Average Load[1]	No-Build Average Capacity[2]	No-Build Load Factor[3]	No-Build L.O.S.	Build Average Load[1]	Build Average Capacity[2]	Build Load Factor[3]	Build L.O.S.
Screenline #5: East-West S 48th Street[4]	NB	159	1,450	0.11	A	749	1,450	0.52	B
Screenline #5: East-West S 48th Street[4]	SB	1,233	1,450	0.85	C	59	1,450	0.04	A
Light Rail									
Screenline #1: East-West South Federal Way	NB	N/A	N/A	N/A	N/A	43	0	>10.8	A
Screenline #1: East-West South Federal Way	SB	N/A	N/A	N/A	N/A	216	0	>10.8	A
Screenline #2: North-South Fife	EB	N/A	N/A	N/A	N/A	43	0	>10.8	A
Screenline #2: North-South Fife	WB	N/A	N/A	N/A	N/A	216	0	>10.8	A
Screenline #3: North-South Puyallup River	EB	N/A	N/A	N/A	N/A	36	0	>10.8	A
Screenline #3: North-South Puyallup River	WB	N/A	N/A	N/A	N/A	201	0	>10.8	A
Screenline #4: North-South Tacoma Dome	EB	N/A	N/A	N/A	N/A	34	0	>10.8	A
Screenline #4: North-South Tacoma Dome	WB	N/A	N/A	N/A	N/A	200	0	>10.8	A
Screenline #5: East-West S 48th Street	NB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Screenline #5: East-West S 48th Street	SB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Source: Sound Transit Incremental Ridership Model, modified by Fehr & Peers April 2020.

Notes:

(1) Average load is per bus or train.

(2) Vehicle capacity assumptions:

a. Metro bus: 40 passengers

b. Pierce Transit bus: 40 passengers

c. Sound Transit Express bus: 40 passengers

d. Sounder: 1,450 (10-car trains)

e. Light rail: 80 seats per car for seated passengers; 330 square feet per vehicle for standing passengers.

(3) Load factor for bus and Sounder is passengers/seat. Load factor for light rail is ft^2/standing passenger.

(4) Both the South Federal Way and S 48th Street screenlines cross the Sounder line between Auburn and Sumner stations; therefore, the average load for Sounder is identical for both screenlines. Furthermore, the S 48th Street screenline crosses the Sounder line twice; the Auburn to Sumner section of the line was included, while the Tacoma section on the line was not included to avoid double counting.

5.2.5.4 Reliability and On-Time Performance

The future reliability of bus service with the No-Build Alternative is expected to degrade compared with existing conditions. Current Sound Transit Express bus service already operates at L.O.S. D or E between regional destinations. By 2042, speeds on key roadways such as I-5, I-5 HOV lanes, and major arterial streets are expected to decrease during the PM peak period. Furthermore, some buses are expected to be crowded, resulting in longer boarding and exiting times, which leads to more delay and lower schedule reliability at bus stops. If buses are at capacity, as many are forecast to be in the future No-Build conditions, bus drivers might be forced to skip picking up additional passengers. Poor bus reliability causes passengers to be less confident about arriving at the scheduled time. As a result, passengers might need to take an earlier trip to ensure getting to their destination on time or they may shift to another mode of travel.

With the build alternatives, light rail would provide more reliable transit service because it would operate in an exclusive right-of-way with no at-grade crossings in the study area. Light rail reliability in the TDLE corridor could be affected by unexpected delays at station areas or by system delays outside of the TDLE corridor, where light rail would be operating at grade with traffic.

5.2.5.5 Transit Transfers

Transfers include trips using multiple buses or using a bus and light rail/commuter rail. Transit transfers can be the result of making service more efficient for operators; however, increases in travel time, the potential to miss a connection, and increased complexity of a transit trip are less convenient for passengers.

Transfers are most successfully used in a transit system that provides reliable, quick transfer connections. Short transfers are more acceptable and might be only a minor inconvenience to riders. Increases in transfers typically result in fewer trips made on transit.

Several hubs in the Sound Transit region, including the Tacoma Dome Station, are considered “multi-centered” route hubs where bus routes converge so transfers can be made to multiple destinations at one location. The transit transfer rate is calculated by dividing the total number of regional transit boardings by the total number of regional transit trips. The transfer rate shows how many transit trips include more than one transit boarding, such as a trip that begins on a bus and transfers to light rail. As shown in Table 5-14, the transfer rate with the No-Build Alternative and build alternatives is estimated at 1.53 boardings per trip in 2042. Many regional trips on light rail would require a transfer in downtown Seattle; however, the frequency of light rail service and the ease of transfer between lines would minimize the inconvenience.

Table 5-14 Transit Transfer Rates for the No-Build and Build Alternatives (2042)

Measure of Effectiveness	No-Build Alternative	Build Alternatives
Daily Transit Boardings	1,150,500	1,169,000
Daily Transit Trips	752,595	765,258
Transfer Rate	1.53	1.53

Source: Ridership & Traffic Forecast Technical Memorandum, Fehr & Peers April 2020

At Tacoma Dome Station, approximately 45 percent of TDLE riders are expected to transfer to another transit service due to the high L.O.S. provided at this transit hub. Of those transit transfers forecast at Tacoma Dome Station, the following shares of transit service types are estimated: 47 percent T Line, 43 percent bus, and 10 percent Sounder.

5.2.6 Minimum Operable Segments and Interim Termini

TDLE could be constructed and operated in phases, depending on available funding or other factors. The station in South Federal Way or the station in Fife would serve as a minimum operable segment (M.O.S.) or an interim terminus. Since the M.O.S. and interim terminus scenarios are the same, the term interim terminus is used to refer to both. Under these scenarios different transit service assumptions from the build alternatives.

- **South Federal Way Interim Terminus:** This interim terminus at South Federal Way Station assumes the same Metro bus service as the build alternative. Several of the Pierce Transit routes (62, 66, 68, and 498) and Sound Transit Route 596, which would serve the station in Fife in the build alternative, would be routed to the transit center at Tacoma Dome Station instead. Sound Transit Routes 574 and 590 would be extended and truncated, respectively, to serve the interim terminus at the station in South Federal Way.
- **Fife Interim Terminus:** The interim terminus at Fife Station assumes the same Pierce Transit bus service as the build alternative. Sound Transit Routes 574 and 590 would be truncated at the interim terminus at the station in Fife.

The assumed changes to bus service could require changes to the station design to accommodate the greater bus volumes compared with the build alternatives. With an interim terminus at the station in South Federal Way, both the station in South Federal Way and the existing transit center at Tacoma Dome Station would need to accommodate additional bus volumes. With an interim terminus at the station in Fife, that station would need to accommodate additional Sound Transit buses. The number of bus bays and layover zones included in the station designs may be sufficient to accommodate increased service levels as part of interim terminus conditions; however, depending on transit service level changes, the station designs may need to include additional bays and/or layover spaces as appropriate.

5.2.6.1 Ridership

Tables 5-15 and 5-16 include the forecast transit ridership and new transit rider information with an interim terminus at the stations in South Federal Way and Fife, respectively. An interim terminus at the station in South Federal Way would result in a comparable number of transit trips and TDLE riders as the No-Build Alternative. It would have fewer transit trips and TDLE riders compared to the build alternatives. The expected daily boardings with an interim terminus at the South Federal Way station is approximately 2,700 and is approximately 4,700 with an interim terminus at the station in Fife.

Table 5-15 2042 Regional and TDLE Transit Trips with the South Federal Way Interim Terminus

Measure	No Build Alternative	Build Alternative	South Federal Way Interim Terminus
Total Regional Daily Transit Trips[1]	753,000	766,000	751,000
Total TDLE Trips	N/A	24,000-36,000	5,000

Source: Ridership & Traffic Forecast Technical Memorandum, Fehr & Peers April 2020
Notes
(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar.

Table 5-16 Regional and TDLE Transit Trips with the Fife Interim Terminus

Measure	No Build Alternative	Build Alternative	Fife Interim Terminus
Total Regional Daily Transit Trips[1]	753,000	766,000	757,000
Total TDLE Trips	N/A	24,000-36,000	8,700

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes
(1) Transit trips count each passenger only once between the origin and destination of their trip. Transit trips include all trips on bus, Sounder, Link services programmed through completion of the Sound Transit 3 Plan, and the Seattle Streetcar.

Tables 5-17 and 5-18 summarize the 2042 station boardings for an interim terminus at the stations in South Federal Way and Fife, respectively. The expected daily boardings with an interim terminus at the station in South Federal Way is approximately 2,700 and is approximately 4,600 with an interim terminus at the station in Fife.

Table 5-17 South Federal Way Interim Terminus Boardings by Station (2042)

Station	PM Peak (3 6:30 p.m.)			Average Weekday		
	NB	SB	Total	NB	SB	Total
South Federal Way	300	N/A	300	2,700	N/A	2,700
Total	300	N/A	300	2,700	N/A	2,700

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) NB = northbound.
(2) SB = southbound.

Table 5-18 Fife Interim Terminus Boardings by Station (2042)

Station	PM Peak (3 6:30 p.m.)			Average Weekday		
	NB	SB	Total	NB	SB	Total
South Federal Way	60	50	110	1,300	100	1,400
Fife	720	N/A	720	3,300	N/A	3,300
Total	780	50	830	4,600	100	4,700

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) NB = northbound.
(2) SB = southbound.

5.2.6.2 Mode of Access

Tables 5-19 through 5-22 show the expected mode of access to each station area for the potential interim termini at the stations in South Federal Way or Fife.

South Federal Way Station

With an interim terminus at the station in South Federal Way, transit transfers would represent the greatest mode of access percentage. More bus routes would feed the station, which would reduce the share of riders being picked up by someone else. The number of park-and-ride users would remain constant because the size of the parking facility would not change, resulting in high use for passengers exiting the train but low use for passengers boarding the train because parking spaces are expected to be mostly full, with cars parked during the AM peak period. Similarly, riders accessing the station via walking and biking would remain the same due to similar assumptions as the build alternatives regarding surrounding land uses. The relative percentages of park-and-ride and nonmotorized users would change based on the forecast increased ridership at this station.

Table 5-19 PM Peak Period Mode of Access at South Federal Way Interim Terminus (2042) – Passengers Exiting the Train

Station	Park-and-Ride[1]	Pickup	Walk/Bike	Transit Transfer	Total Passengers Exiting the Train
South Federal Way	520 (33%)	180 (11%)	140 (9%)	730 (47%)	1,570
Total	520 (33%)	180 (11%)	140 (9%)	730 (47%)	1,570

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) Consistent with the Sound Transit 2 and Sound Transit 3 Plans, the mode of access shares shown above assume 500-stall parking facilities in South Federal Way.

Table 5-20 summarizes the projected mode of access for riders who board at an interim terminus at the station in South Federal Way during the PM peak period from 3 to 6:30 p.m. Most riders would access the station by transit. More bus routes would feed the station, which would reduce the number of riders being picked up by someone else. Mode of access via park-and-ride is expected to be low for riders boarding in the PM peak period because parking spaces are expected to be mostly filled by riders who arrived in the AM and have not yet returned. This results in a higher percentage of riders accessing the station via walking or biking compared with passengers exiting the train in the PM peak period.

Table 5-20 PM Peak Period Mode of Access at South Federal Way Interim Terminus (2042) – Boardings

Station	Park-and-Ride[1]	Drop-Off	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	50 (17%)	30 (10%)	80 (27%)	140 (46%)	300
Total	50 (17%)	30 (10%)	80 (27%)	140 (46%)	300

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) Consistent with the Sound Transit 2 and Sound Transit 3 Plans, the mode of access shares shown above assume 500-stall parking facilities in South Federal Way.

Fife Station

As with the station in South Federal Way, the number of riders accessing the station in Fife via park-and-ride and walking or bicycling would remain the same, given the constant assumptions about the size of the parking facilities and future land uses with the build alternatives and the Fife Interim Terminus condition. Pickup activity would also remain constant. Their relative percentages would change based on the forecast increase in ridership. Transit transfer activity would increase, commensurate with assumed increases in bus feeder service to the Fife station area.

Table 5-21 PM Peak Period Mode of Access at Fife Interim Terminus (2042) – Passengers Existing the Train

Station	Park-and-Ride[1]	Pickup	Walk/Bike	Transit Transfer	Total Passengers Exiting the Train
South Federal Way	520 (50%)	260 (25%)	100 (10%)	150 (15%)	1,030
Fife	500 (34%)	100 (7%)	20 (1%)	860 (58%)	1,480
Total	1,020 (41%)	360 (14%)	120 (5%)	1,010 (40%)	2,510

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) Consistent with the Sound Transit 2 and Sound Transit 3 Plans, the mode of access shares shown above assume 500-stall parking facilities in South Federal Way and Fife.

Mode of access for riders who board during the PM peak period from 3 to 6:30 p.m. with an interim terminus at the station in Fife is summarized in Table 5-22. Similar to the AM peak period, transit transfers would represent the highest mode of access percentage, reflecting the increase in bus feeder service to the station. Available parking spaces are expected to be limited for riders boarding in the midday or PM peak period because not all riders who arrived in the AM would have returned to relinquish their space, resulting in a lower park-and-ride mode of access. This results in a higher percentage of riders accessing the station via walking or biking as compared with passengers exiting the train in the PM peak period.

Table 5-22 PM Peak Period Mode of Access at Fife Interim Terminus (2042) – Boardings

Station	Park-and-Ride[1]	Drop-Off	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	20 (20%)	30 (30%)	40 (40%)	10 (10%)	100
Fife	110 (15%)	50 (7%)	140 (20%)	420 (58%)	720
Total	130 (16%)	80 (10%)	180 (22%)	430 (52%)	820

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020
Notes:
(1) Consistent with the Sound Transit 2 and Sound Transit 3 Plans, the mode of access shares shown above assume 500-stall parking facilities in South Federal Way and Fife.

5.2.6.3 Transit Transfers

The transit transfer rate with an interim terminus at a station in either South Federal Way or Fife would be the same as the No-Build Alternative (shown in Table 5-23). Transfers between feeder bus service and light rail would be required for both interim termini, as would light rail to light rail transfers to travel to regional destinations.

Table 5-23 Transit Transfer Rates for South Federal Way and Fife Interim Termini (2042)

Measure of Effectiveness	No-Build Alternative	South Federal Way Interim Terminus	Fife Interim Terminus
Daily Transit Boardings	1,150,500	1,145,000	1,156,500
Daily Transit Trips	752,595	750,614	756,760
Transfer Rate	1.53	1.53	1.53

Source: Ridership & Traffic Forecast Technical Memorandum, Fehr & Peers April 2020

5.3 Arterials and Local Streets

This section describes the effects of the No-Build and build alternatives on arterial and local streets in the study area, including 2042 traffic volume forecasts; expected traffic generated at stations; intersection operations; and changes in access, circulation, and traffic control.

Key findings and comparisons for the No-Build and build alternatives include:

- No-Build traffic forecasts for the Federal Way, South Federal Way, and Tacoma segments were estimated using a 0.5 percent annual growth rate from existing (2019) conditions to No-Build (2042) conditions. No-Build traffic forecasts for Fife were calculated using applied growth forecast from WSDOT and City of Fife that include specific major improvement projects, such as the WSDOT SR 167 Completion Project, I-5/Port of Tacoma Road, and I-5/54th Avenue interchanges. No-Build traffic forecasts in the Fife Segment were estimated using a 0.3 percent annual growth rate from existing (2019) conditions based on those forecasts and project assumptions.
- Additional major development and/or planned transportation improvement projects accounted for beyond growth rates in the No-Build (2042) forecasts include the Triangle Project in South Federal Way and the Emerald Queen Casino Redevelopment in Tacoma.
- For all build alternatives, changes to traffic circulation, property access, and traffic control would be minor and would primarily occur around the station areas.
- For the SF 99-East Alternative, Pacific Highway would be reconfigured in some locations to provide space for guideway in the median. This would have limited impacts to traffic circulation, property access, and traffic control because the lane configuration would be similar and left turns are already restricted on portions of the corridor. Left-turn movements at some intersections on Pacific Highway and for property access would be further restricted due to column placement.
- For the Fife Median Alternative, Pacific Highway E would be reconfigured in some locations to provide space for a median. This would have few impacts to traffic circulation, property access, and traffic control because the same lane configurations that would exist under the No-Build Alternative would be provided. Direct property access from the midblock two-way left-turn lane would be restricted due to column placement. U-turns would be permitted at signalized intersections to minimize the property access impact.

- South Federal Way Segment intersections would operate within City of Federal Way and WSDOT standards for both No-Build and build alternatives.
- Most intersections in the Fife Segment would operate within City of Fife and WSDOT standards. Corridors such as Alexander Avenue E, 54th Avenue E, and Pacific Highway would experience increased congestion and delays in both the No-Build and build alternatives.
- Most intersections in the Tacoma Segment would operate within Tacoma and WSDOT standards. Corridors such as E Portland Avenue and E Bay Street would experience increased congestion and delays in both No-Build and build alternatives.

5.3.1 Traffic Forecasts

5.3.1.1 No-Build Alternative

Future year 2042 peak period traffic volume forecasts were developed for TDLE based on the PSRC's latest population and employment forecasts for the region. The forecast annual traffic growth rates (2019 to 2042) were calculated based on several roadways around each station, as shown in Table 5-24. The annual growth rate of 0.5 percent per year is typical in areas with a regionally congested transportation network that anticipates infill development and redevelopment. Instead of using the growth rate from the model in Fife, the team applied an annual growth rate of 0.3 percent based on forecasts from WSDOT and the City of Fife. The WSDOT forecasts included major infrastructure projects, such as the SR 167 Completion Project and I-5/54th Avenue Interchange as well as other smaller interchange and roadway improvements. The forecast adjustment from the City of Fife assumed a high-growth scenario for future development as part of the Fife City Center. Further information on traffic forecasting and annual growth rates can be found in Attachment E Ridership and Traffic Forecasting Memorandum.

Table 5-24 Traffic Volumes Annual Growth Rates

Station	Model Volume Locations	Recommended Annual Growth Rate
South Federal Way	• Pacific Highway south of S 348th Street • S 348th Street east of Pacific Highway • S 356th Street east of Pacific Highway • S 352nd Street east of Pacific Highway • Enchanted Parkway north of S 352nd Street • 20th Avenue S east of Enchanted Parkway	0.5%
Fife	• Pacific Highway east of 54th Avenue E • SR 167 north of I-5 • 12th Street E east of 54th Avenue E • 20th Street E east of 54th Avenue E • 54th Avenue E south of 20th Street E	Applied growth forecasts from WSDOT and City of Fife, which assumed SR 167 completion and I-5 interchange improvements as well as a high-growth alternative for the Fife City Center.
Tacoma	• East D Street north of Puyallup Avenue • Puyallup Avenue north of East D Street • Pacific Avenue north of S 25th Street • East D Street south of E 26th Street • E Portland Avenue south of E 28th Street • East L Street south of E 28th Street • E Portland Avenue north of Puyallup Avenue	0.5%

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020

All regional transportation projects noted in Table 5-1 were included in the No-Build Alternative analysis. In addition to those major projects, multiple municipal planned improvements were included in the No-Build transportation network. Projects include improvements such as additional or widened roadways, intersection improvements, and the addition of traffic signalization. Further details within each study segment are described below.

Federal Way and South Federal Way Segments

The I-5 SR 161/SR 18 Triangle Improvement (Triangle) Project was suspended in 2023, with no scheduled date of resumption, but is included in traffic analysis. Future traffic volumes in the Federal Way and South Federal Way segments would change with the completion of Phase 2 of the Triangle Project, which would construct a new ramp connection from southbound I-5 to S 356th Street and SR 161. The Triangle Project would construct the new southbound I-5 freeway ramp connection to SR 161, with roundabout intersection control at both the new off-ramp and at Enchanted Parkway (SR 161). It would close the southbound I-5 to eastbound SR 18 loop ramp and would add southbound left turns at the signalized I-5 off-ramp to SR 18.

No-Build volume forecasts using the 0.5 percent annual growth rates were adjusted and reassigned to account for the Triangle Project based on the forecasts completed in the Interchange Justification Report. The Triangle Project would result in reduced westbound traffic on SR 18/348th Avenue approaching both the Enchanted Parkway and Pacific Highway intersections. Future traffic volumes in the southern portion of the South Federal Way Segment would also change with the WSDOT SR 167 Completion Project.

Fife Segment

Future traffic forecasts in the Fife Segment reflect the substantial infrastructure changes planned as part of the WSDOT SR 167 Completion Project, I-5/Port of Tacoma Road, and I-5/54th Avenue interchanges. In addition, the City of Fife is planning for new development near the proposed station as part of its Town Center plan. A large roundabout is also planned at the SR 167 ramps/54th Avenue E intersection, while a new roundabout was constructed at the intersection of SR 99/Wapato Way E in 2021.

WSDOT provided Synchro models for year 2045 conditions with the proposed SR 167 Completion Project and I-5 interchange improvements. As a conservative assumption, no changes to heavy vehicle percentages were assumed in the study segment due to possible diversions to SR 167 for the 2042 No-Build condition. The City of Fife provided PM peak hour Synchro models for 2040 conditions with those improvements, plus additional growth in the Fife City Center that included the new Sound Transit station trips. The analysis assumed the City of Fife's "High Growth" scenario, which plans for 675 new residential units, 350,000 square feet of retail space, 200,000 square feet of office space, and 425 hotel rooms. The 2040 No-Build condition accounts for all Fife Center City growth except that associated with the Sound Transit Station. Using both the WSDOT and City of Fife models, the team developed an adjusted 2042 future year model to be used for the TDLE project.

Tacoma Segment

While the Tacoma Segment does not have any planned roadway and network changes on the same magnitude as either South Federal Way or Fife, additional steps were taken to adjust 2042 No-Build volumes to account for roadway modifications and developments within the study area.

Since the East L Street bridge over I-5 was closed to vehicle traffic during existing 2019 counts, vehicles counted on E Portland Avenue and East D Street/E McKinley Avenue were adjusted to

account for the closure for the No-Build condition. Based on historical counts provided by the City of Tacoma, roughly 80 percent of north-south traffic was assigned to E Portland Avenue, while East L Street and East D Street were each assigned 10 percent of the total north-south traffic among the three streets. Specific detour information provided to the public by WSDOT was also utilized in the reassignment of vehicle traffic.

The 2042 No-Build PM peak hour volumes were also adjusted to account for the buildout of the Emerald Queen Casino redevelopment. The Emerald Queen Casino project is located just south of E 28th Street and bordered by E Portland Avenue to the west and E Bay Street to the east. The most recent Emerald Queen Casino traffic impact analysis for the Emerald Queen Casino redevelopment was provided by the City of Tacoma. The team utilized the 2030 Full Buildout PM peak hour volumes from the Emerald Queen Casino traffic impact analysis report for developing the 2042 No-Build volumes at the study area intersections in the area of the Emerald Queen Casino.

The Portland Avenue Freight Access Improvement Project includes the signalization and coordination of the SR 509 off-ramp/E Portland Avenue intersection, the addition of one southbound through lane at the intersections of E Portland Avenue/E 27th Street, and the transition of one northbound lane at E Portland Avenue/E 27th Street from a through lane to a left-turn lane. Consistent with the lane transition, the on-ramp to southbound I-5 would be widened to two lanes for at least a portion of the on-ramp to accommodate the new double-left turn-lane channelization.

The Puyallup Avenue Safety Improvement Project would convert one lane eastbound on Puyallup Avenue to a transit-only lane from Pacific Avenue to E Portland Avenue. One westbound lane would also be removed between E Portland Avenue and East G Street and between East D Street and Pacific Avenue. Substantial nonmotorized improvements would also be constructed with this project, including a two-way bicycle track and increased pedestrian facilities.

5.3.1.2 Build Alternatives

For the build alternatives, the forecast vehicular trip generation was calculated at each station based on information from Sound Transit's Incremental Ridership Model, Version 2019.01, and station characteristics. The station area mode of access for each station is described above in the Transit section. The total trip generation is comprised of three different vehicle trip types: park-and-ride vehicle trips, passenger drop-off/pickup trips, and bus service. The change in vehicle trips that would occur from TDLE were then added to No-Build Alternative traffic volume forecasts to develop an estimate of future traffic volumes with the build alternatives. This conservatively high project trip generation estimate does not account for people changing their mode of travel from driving under the No-Build Alternative to using transit with TDLE.

Planned park-and-ride spaces at the stations in South Federal Way and Fife may be deferred for up to 3 years from the anticipated start of light rail service in 2035. For a portion of that period, smaller surface parking areas may be available to riders before park-and-ride structures or lots are constructed. Between 2035 and 2038, park-and-ride vehicle trips that cannot be accommodated in temporary parking areas are likely to shift to other modes, including pickup/drop-off, walk/bike, and transit. Additionally, some TDLE riders would choose to drive to their destination rather than use transit (up to 500 riders per weekday). These changes would have a limited effect on ridership and access to the station in 2042 when both the stations and parking facilities would be online.

Table 5-25 shows the existing and proposed park-and-ride capacities associated with each station area by build alternative. New park-and-ride lots would be provided at the stations in South Federal Way and Fife, with 500 park-and-ride spaces proposed at each station. The existing Tacoma Dome Station already has 2,337 park-and-ride spaces and no new spaces are planned. The proposed Portland Avenue Station would not include park-and-ride spaces.

Table 5-25 Existing and Proposed Park-and-Ride Capacity and Available Parking for Transit Riders

Segment	Station Area	Alternative	Park-and-Ride Capacity (# of spaces)		
			Existing	Proposed Increase[1]	With TDLE
South Federal Way	South Federal Way	SF Enchanted Parkway	N/A	+500	500
		SF I-5	N/A	+500	500
		Fife SF 99-East	N/A	+500	500
		Fife SF 99-West	N/A	+500	500
Fife	Fife	Pacific Highway	N/A	+500	500
		Fife Median	N/A	+500	500
		I-5	N/A	+500	500
		Fife 54th Avenue Design Option	N/A	+500	500
		54th Span Design Option	N/A	+500	500
Tacoma	Tacoma Dome	25th Street-West	2,337	0	2,337
		25th Street-East	2,337	0	2,337
		Close to Sounder	2,337	0	2,337
		26th Street	2,337	0	2,337
	Portland Avenue	Portland Avenue	N/A	0	0
		Portland Avenue Span	N/A	0	0

Source: WSDOT PT Map-ParkRideUtilization-19Q2

Notes:

(1) Parking construction at these stations may be deferred after TDLE opens for service until 2038, and the proposed number of parking spaces at South Federal Way and Fife stations may not be available until that year.

The traffic operations analysis was performed for a one-hour peak period, and the trip generation at each station would not be constant during the evening peak period between 3 and 6:30 p.m. For the traffic analysis, it was assumed that 35.5 percent of the 3.5-hour peak period ridership occurs during the peak hour, per Sound Transit ridership forecasting procedures. To provide a conservatively high estimate of traffic impacts near the TDLE stations, all stations that include a park-and-ride were assumed to fully fill and empty during the 3.5-hour peak period. Furthermore, the traffic analysis assumed the highest peak hour trip generation at the station would coincide with the surrounding roadway peak hour, which does not always occur – especially in the mornings when a park-and-ride lot is typically already full prior to the start of the morning commute peak hour. The park-and-ride and pickup/drop-off trips are new vehicle trips that were assigned to each TDLE station. Vehicle trips summarized in the pickup/drop-off category would generate two vehicle trips at each station during each peak hour: one trip entering and one trip exiting. Riders arriving to the TDLE stations via either walking or transit transfer were noted but not included as new vehicle trips in the traffic analysis.

Table 5-26 shows the total peak hour vehicle trips generated for each of the planned TDLE stations. As mentioned previously, both the South Federal Way and Fife station areas would include approximately 500-space parking facilities and pickup/drop-off facilities, while the

stations near Portland Avenue and the Tacoma Dome would include only pickup/drop-off facilities because no new parking would be added. Therefore, both the Portland Avenue Station and each station location near the Tacoma Dome would have equal numbers of inbound and outbound peak hour vehicle trips because the only new vehicle trips assigned would be pickup/drop-off, which requires a vehicle to arrive and depart within the same peak hour. Fife and South Federal Way, conversely, show different inbound and outbound trips because of the presence of the new park-and-rides as well as the pickup/drop-off facilities.

Table 5-26 TDLE Peak Hour Vehicle Trips by Station

Station	AM Peak Hour		PM Peak Hour	
	In	Out	In	Out
South Federal Way				
Park-and-Ride	185	11	11	185
Pickup/Drop-Off	110	110	110	110
Nonmotorized	50	28	28	50
Transit Transfer	57	7	7	57
South Federal Way Total Vehicle Trips	295	121	121	295
Fife				
Park-and-Ride	178	39	39	178
Pickup/Drop-Off	60	60	60	60
Nonmotorized	7	92	92	7
Transit Transfer	128	92	92	128
Fife Total Vehicle Trips	238	99	99	238
Portland Avenue				
Park-and-Ride	0	0	0	0
Pickup/Drop-Off	185	185	185	185
Nonmotorized	78	14	14	78
Transit Transfer	7	0	0	7
Portland Avenue Total Vehicle Trips	185	185	185	185
Tacoma Dome				
Park-and-Ride[1]	0	0	0	0
Pickup/Drop-Off	383	383	383	383
Nonmotorized	249	92	92	249
Transit Transfer	1008	181	181	1008
Tacoma Dome Total Vehicle Trips	383	383	383	383

Source: Ridership & Traffic Forecasts Technical Memorandum, Fehr & Peers April 2020

Notes:

(1) No new park-and-ride trips were included as those were already account for in current count data.

Trip distribution patterns for peak hour vehicle trips generated by the proposed stations were developed using the regional travel demand models based on current and future forecast travel patterns. The vehicle trip distribution and assignment for each study segment are shown in Figures 5-9 through 5-11.

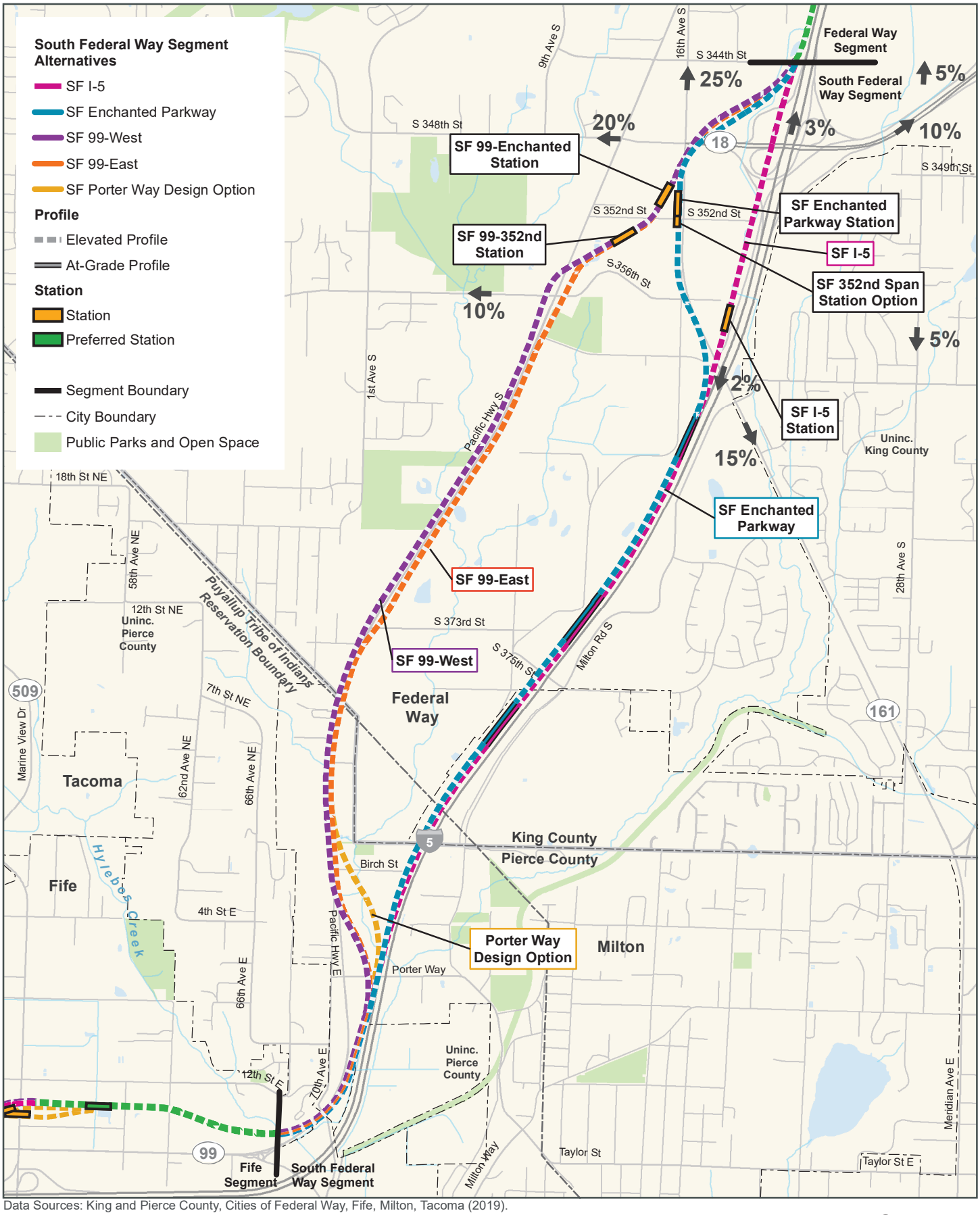

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-9

Project Trip Distribution - PM Peak Hour
South Federal Way Segment

Tacoma Dome Link Extension

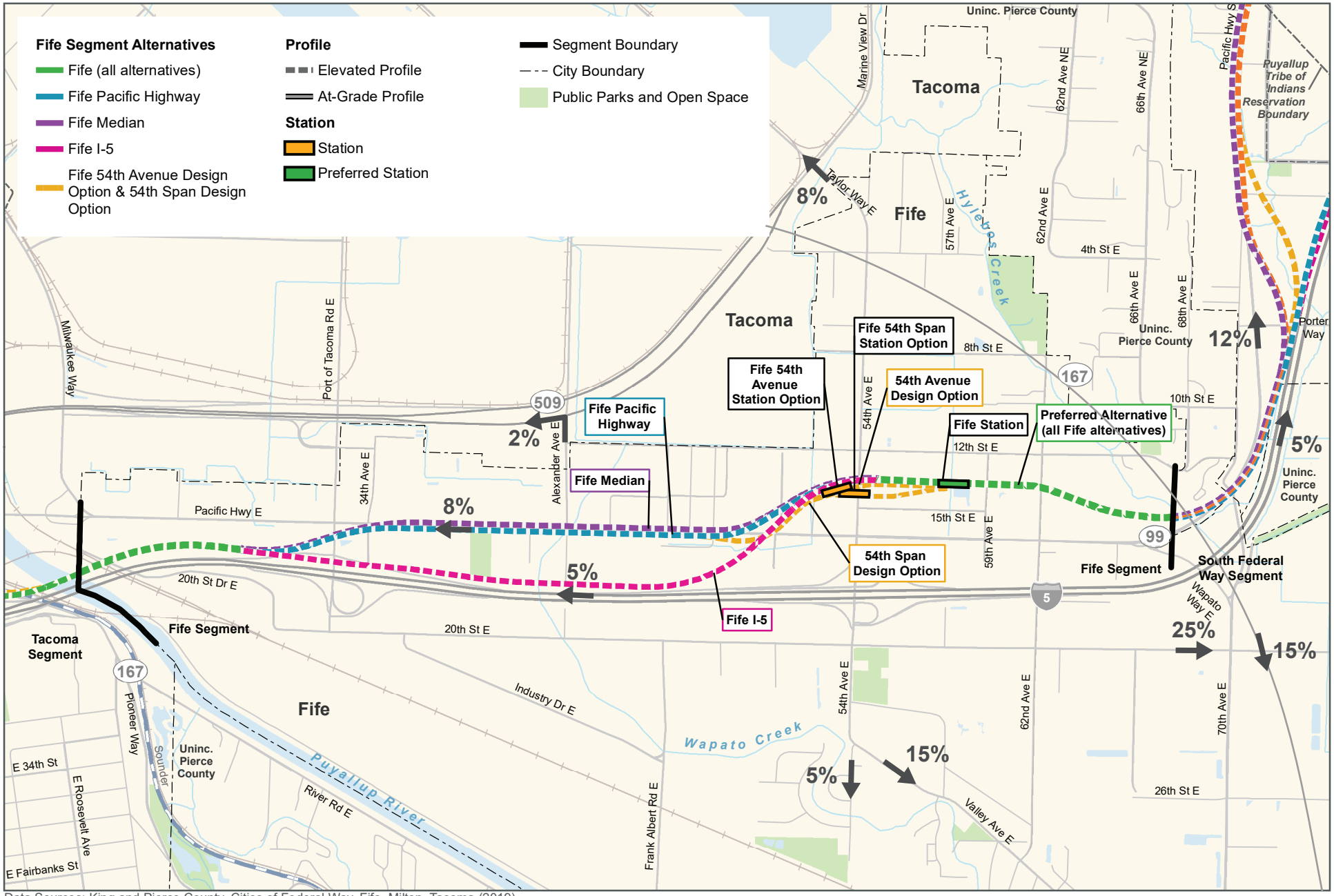

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-10
Project Trip Distribution - PM Peak Hour
Fife Segment

Tacoma Dome Link Extension

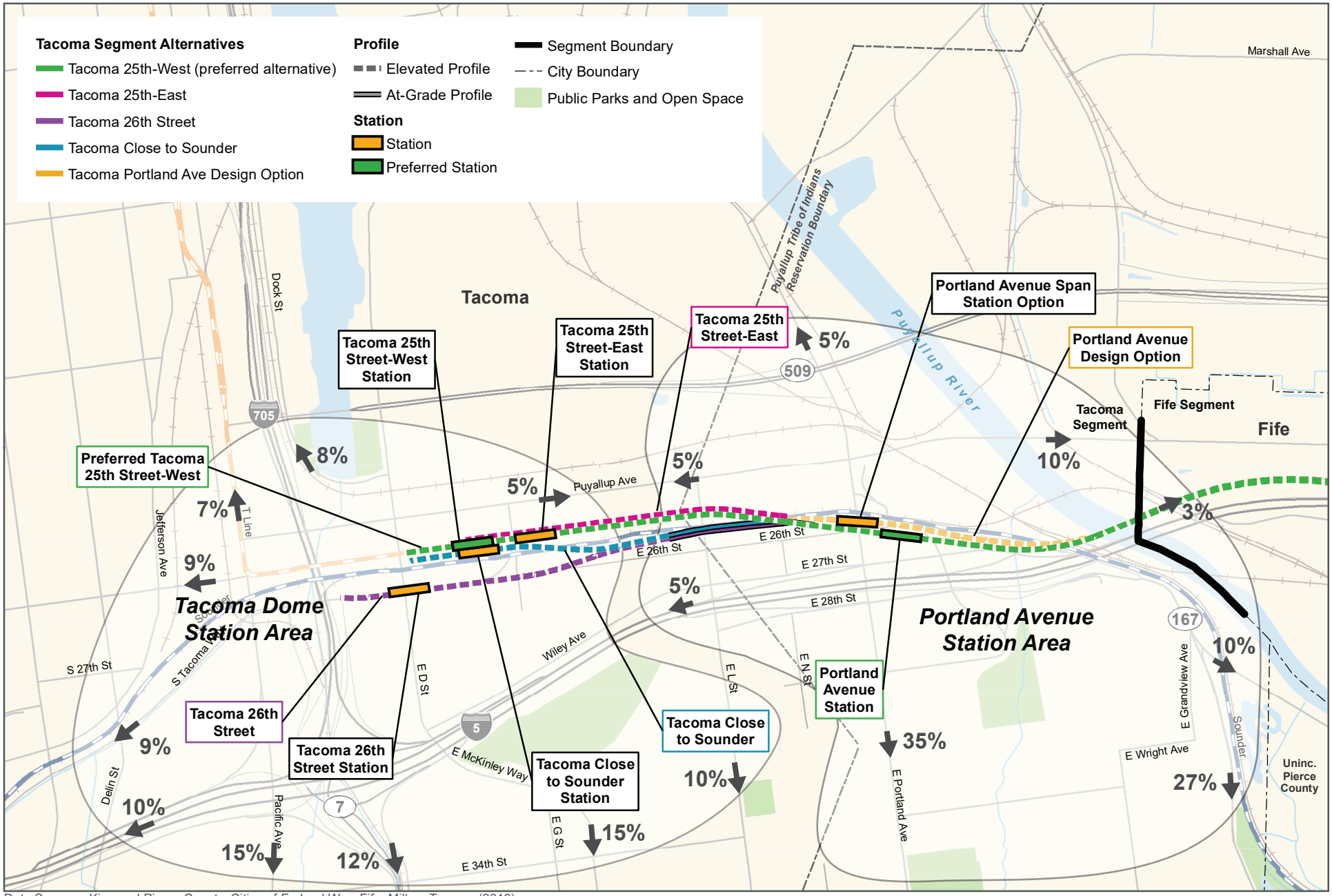

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-11
Project Trip Distribution - PM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

5.3.1.3 Interim Termini

With either the Fife or South Federal Way interim termini, the total peak hour auto volumes and trip distribution would be similar to build alternatives for the stations in South Federal Way and Fife because the number of parking spaces and pickup and drop-off trip generation would be the same as the build alternatives. The peak hour auto volumes at the Tacoma Dome Station would be the same as the No-Build Alternative with an interim terminus at a station either in South Federal Way or Fife since no additional parking would be provided at the existing station location. Therefore, no additional forecast volumes need to be developed for the interim terminus scenarios at the South Federal Way or Fife station areas.

5.3.2 Traffic Circulation, Property Access, and Traffic Control

The build alternatives could have some impact on property access, traffic circulation patterns, and traffic control, depending on the alternative and station options. The traffic circulation, property access, and traffic control discussion in this section is based on the conceptual light rail guideway and station area plans.

5.3.2.1 Impacts Common to All Build Alternatives

The build alternatives could have some impact on property access, traffic circulation patterns, and traffic control, depending on the alternative and station options. The traffic circulation, property access, and traffic control discussion in this section is based on the conceptual light rail guideway and station area plans.

Even though some of the build alternative alignments would be adjacent to I-5, there would be no circulation or access impacts on I-5 because the number of and configuration of freeway lanes, interchange access points, and freeway shoulders would be maintained. The build alternatives would be located near five I-5 interchanges, S 320th Street, SR 18/Enchanted Parkway, 54th Avenue E, Port of Tacoma Road, and E Portland Avenue, but would be grade-separated above the interchange ramps and cross streets. There would be no changes to intersection control or traffic circulation.

WSDOT requires access to perform routine maintenance activities along I-5. Maintenance activities include mowing, stormwater facility maintenance, spraying noxious weeds, accessing Intelligent Transportation System equipment and signs, and removing invasive plant species. Typical maintenance activities, such as mowing, are performed adjacent (within a 10-foot-wide area) to the edge of pavement. To perform these maintenance activities, WSDOT typically parks vehicles in the shoulder and provides advance warning signage to drivers. The current design of the build alternatives would not affect this type of maintenance activities between I-5 and the light rail guideway from the I-5 shoulder.

For maintenance access west or south of the guideway, such as servicing stormwater facilities and removing invasive weeds, access from I-5 would be provided beneath the guideway, where there would be vertical clearances of 16.5 feet or more from local streets.

5.3.2.2 Federal Way Segment

This section discusses the traffic circulation, property access, and traffic control changes associated with the alternatives in the Federal Way Segment.

Impacts Common to All Federal Way Segment Build Alternatives

There would be some changes to property access and local circulation for all build Alternatives and design options in the Federal Way Segment. In some locations, emergency access to the guideway would be provided by extending existing cul-de-sac or dead ends of streets to the guideway. However, these streets would not be open to general-purpose traffic. There would be no other impacts to traffic circulation, property access, or traffic control.

5.3.2.3 South Federal Way Segment

This section discusses the traffic circulation, property access, and traffic control changes associated with the alternatives in the South Federal Way Segment.

Impacts Common to All South Federal Way Segment Build Alternatives

All station locations in South Federal Way would have changes to property access, traffic circulation, and/or signal control resulting from the alternatives in the South Federal Way Segment. Specific changes along the alignment and within each station area are described in the subsections below.

South Federal Way Enchanted Parkway Alternative

There would be few changes to property access and local circulation outside of station areas for the SF Enchanted Parkway alternative in the South Federal Way Segment. In some locations, emergency access to the guideway would be provided by extending existing cul-de-sac or dead ends of streets to the guideway. However, these streets would not be open to general-purpose traffic. There would be no other impacts to traffic circulation, property access, or traffic control outside of station areas in the South Federal Way Segment.

Access to the parking garage for the SF Enchanted Parkway Station would be provided along S 352nd Street approximately 600 feet west of Enchanted Parkway S. Access for transit vehicles would be at the same location off of S 352nd Street as vehicular access to the garage; there would also be a right-in/right-out transit-only access point on southbound Enchanted Parkway approximately 450 feet north of S 352nd Street. Pickup and drop-off parking would be provided south of the garage, with driveway access provided on S 352nd Street.

If parking were provided in a surface configuration, there would be a surface lot directly north of the platform along Enchanted Parkway S as well a surface lot to the west of the platform and the bus loop along S 352nd Street. There would be two access points to the surface lot on S 352nd Street – one approximately 600 feet west of Enchanted Parkway S and one approximately 220 feet west of Enchanted Parkway S. Pickup and drop-off parking would use the access point 220 feet west of Enchanted Parkway S and buses would share the driveway 600 feet from Enchanted Parkway S to access the bus loop. Buses would also have a right-in/right-out transit-only access point on southbound Enchanted Parkway approximately 450 feet north of S 352nd Street. Access to the surface lot on Enchanted Parkway S would be provided via the existing parking lot of the Federal Way Crossings Shopping Center.

South Federal Way 352nd Span Station Option

Access to the SF 352nd Span Station Option would be provided in the same locations as the SF Enchanted Parkway Station. There would be no other changes to traffic circulation, property access, and traffic control.

South Federal Way I-5 Alternative

There would be few changes to property access and local circulation outside of station areas for the SF I-5 alternative in the South Federal Way Segment. In some locations, emergency access to the guideway would be provided by extending existing cul-de-sac or dead ends of streets to the guideway. However, these streets would not be open to general-purpose traffic. There would be no other impacts to traffic circulation, property access, or traffic control outside of station areas in the South Federal Way Segment.

The SF I-5 Alternative would be located adjacent to the Triangle Project, which would include two new roundabouts located at Enchanted Parkway S and S 356th Street and to the east of Enchanted Parkway S on S 356th Street. The Triangle Project was suspended in 2023, with no schedule for resumption. The SF I-5 Alternative would construct an additional leg to the initial roundabout on the off-ramp to provide access to the bus loop. The parking facility would be accessed via S 356th Street or Enchanted Parkway. Both access points would be right-in/right-out only. Pickup and drop-off parking would also be accessed from the driveways on S 356th Street and Enchanted Parkway.

If parking were provided in a surface configuration, an additional access point would be provided on Enchanted Parkway.

South Federal Way 99-East Alternative

The SF 99-East Alternative would require driveway reconstruction and some modifications to driveway access on the east side of Pacific Highway north of S 373rd Street. South of S 373rd Street, the guideway would be located in the median of the roadway and would require driveway reconstruction and some changes to access for private businesses and residences on both sides of Pacific Highway. This would include construction of new driveways to access parking on private properties, where driveways are currently not defined. The median alignment would remove the center turn lane and restrict left-turn movements along Pacific Highway between S 373rd Street and south of the intersection of 70th Avenue E near milepost 5.5. Left turns at the intersections of Birch Street and 70th Avenue E with Pacific Highway would also be restricted because of the location of the alignment.

Access to the SF 99-352nd Station would be provided from S 352nd Street at two access points: one approximately 300 feet east of Pacific Highway and another approximately 310 feet west of Enchanted Parkway, connecting two new north-south streets traveling along either side of the station site to S 356th Street. The primary transit access point would be located on S 352nd Street, allowing more direct transit access to the bus facility adjacent to the platform. This access point would be transit only.

Impacts from the Porter Way Design Option would be similar to those described for the SF 99-East Alternative, but with fewer impacts to private property and intersections because it is located in the median of Pacific Highway for a shorter distance. The Porter Way Design Option would not restrict left-turn movements at the intersections of Birch Street or 70th Avenue E with Pacific Highway.

South Federal Way 99-West Alternative

The SF 99-West Alternative would require driveway reconstruction and some modifications to driveway access on the west side of Pacific Highway. This would include construction of new driveways to access parking on private properties, where driveway access is currently not defined. The SF 99-West Alternative crosses over Pacific Highway three times north of the Fife

Segment. The crossing near the intersection of Pacific Highway and 70th Avenue E would restrict left-turn movements at this intersection.

Access to the SF Enchanted Parkway Station would be provided from S 352nd Street and transit access would be provided by transit only access points on S 352nd Street and right-in/right-out access to the transit facilities from Enchanted Parkway.

Impacts from the Porter Way Design Option would be similar but would cross Pacific Highway farther north and would not have permanent impacts to traffic operations at the intersection of Pacific Highway and 70th Avenue E.

5.3.2.4 Fife Segment

This section discusses the traffic circulation, property access, and traffic control changes associated with the alternatives in the Fife Segment.

Impacts Common to All Fife Segment Build Alternatives

The preferred Fife Station would be located west of 59th Avenue E and south of 12th Street E. The station would have a 500-stall parking facility located in the northwest corner of the station site, with its primary access driveway on 59th Avenue Court E and a right-in/right-out only driveway on 12th Street E. Separate driveways on each of those streets would provide access to on-site bus stops, located close to the public stair and elevator to the station platform. Passenger pickup/drop-off would be located west of the bus areas and accessed from the same driveways. Bus layovers could occur internally on the access road connecting to 12th Street E or along 59th Avenue E adjacent to the station's garage.

The Fife 54th Avenue Station Option would be located west of 54th Avenue and south of 12th Avenue E. The station would have a 500-stall parking facility on 12th Street E, with access from both 12th Street E and an extended 52nd Ave E. A separated driveway from 52nd Avenue E would provide access to bus bays and layover areas for transit vehicles, with passenger pickup and drop-off integrated into the parking area for surface parking options or with separate access from 52nd Avenue E for the structured parking option.

The Fife 54th Span Station Option would be located on 54th Avenue spanning the roadway south of 12th Avenue E. The station would have 500 parking stalls in one structured garage or two smaller surface parking areas. Pickup and drop-off access would be located on the south side of the station platform and would be integrated with parking in surface parking options. A separated driveway from 52nd Avenue E would provide access to bus bays and layover areas for transit vehicles.

If parking were provided in a surface configuration, two additional access points would be provided on 59th Avenue E. One would be provided as the western leg of the intersection of the new street and 59th Avenue E. The second would be provided at the intersection of 15th Street E and 59th Avenue E.

In locations outside of the station area where the guideway would be located adjacent to I-5 or away from existing public streets, emergency access to the guideway would be provided by extending existing cul-de-sac or dead ends of streets to the guideway. However, these streets would not be open to general-purpose traffic. There would be no other impacts to traffic circulation, property access, or traffic control outside of station areas in the Fife Segment.

The Fife Segment build alternatives would also include a multiuse path, called the Fife Multiuse Path, beneath the guideway between the SR 167 Completion Project and 54th Avenue E. The Fife Multiuse Path would introduce nonmotorized crossings of several streets along this portion of the build alternatives, including 62nd Avenue E and 59th Avenue E. These crossings would be marked with crosswalks, lighting, and other pedestrian improvements.

All build alternatives and design options in the Fife Segment would have impacts to commercial driveways and access along Pacific Highway E and 54th Avenue E, with some reconfiguration of private driveway access required to accommodate the guideway and supports.

Fife Pacific Highway Alternative

This alternative would not result in additional impacts from changes to traffic circulation, property access, or traffic control, although the number of property access locations could be reduced for some businesses.

Fife Median Alternative

The Fife Median Alternative would result in changes to traffic circulation on Pacific Highway E between 51st Avenue E and Port of Tacoma Road. This alternative would include a median along Pacific Highway E where the guideway support columns would be located. Columns would be located approximately every 130 feet, providing flexibility for longer spans if needed. This would result in midblock left-turn restrictions on Pacific Highway E from the two-way left-turn lane between 44th Avenue E and Port of Tacoma Road. U-turn opportunities would be provided at intersections.

The following intersections on Pacific Highway E would be widened to accommodate the median and columns:

- Willow Road E.
- 46th Avenue E.
- Alexander Avenue E.
- Fife Municipal Court Access Road.
- 34th Avenue E, which would be constructed as part of the I-5/Port of Tacoma Road Interchange improvements previously described.

The same lane configurations that would exist under the No-Build Alternative would be provided at each of the widened intersections, so there would be no changes to traffic circulation or operations at these intersections. There would be no other changes to traffic circulation, property access, or traffic control in other parts of the Fife Segment under the Fife Median Alternative.

Fife I-5 Alternative

This alternative would not result in additional changes to traffic circulation, property access, or traffic control.

Fife 54th Avenue Station Option and Fife 54th Span Station Option

The Fife 54th Avenue Station Option and the Fife 54th Span Station Option would both extend 52nd Avenue E from its current terminus to 12th Street E. This would provide continuous access between Pacific Highway and 12th Street E along the western side of the station site. Access to

the parking, pickup/drop-off, and bus facilities would be provided from 52nd Avenue E. There would also be access to the parking facility from 12th Street E, located west of the intersection of 54th Avenue E and 12th Street E.

5.3.2.5 Tacoma Segment

This section discusses the traffic circulation, property access, and traffic control changes associated with the alternatives in the Tacoma Segment.

Impacts Common to All Tacoma Segment Build Alternatives

All build alternatives in the Tacoma Segment would include the same Portland Avenue Station location. Each of the build alternatives would also include the potential to implement the Portland Avenue Span Station Option.

The Portland Avenue Station would be located on E 26th Street between E Portland Avenue and E Bay Street. The station would include a pickup/drop-off area accessed via a driveway on E Portland Avenue between E 26th Street and E 27th Street, or via a new access street connecting E 26th Street and E 27th Street between E Portland Avenue and E Bay Street. This new street would be right-in/right-out only from E 26th Street. Bus stops would be provided on the new street and on E 26th Street.

The Portland Avenue Span Station Option would be located on E 26th Street, straddling E Portland Avenue. A pickup/drop-off lot would be provided on both sides of E Portland Avenue on E 26th Street. Access to the eastern lot would be provided on E Portland Avenue and E 26th Street (right-in/right-out only). Access to the western lot would be provided in two locations on E 26th Street. Three bus stops would be provided on E Portland Avenue (two north of E 26th Street and one south of E 26th Street).

There would be no changes to traffic circulation, property access, or traffic control outside of the station areas for any of the build alternatives in the Tacoma Segment.

Tacoma 25th Street-West Alternative

The Preferred Tacoma 25th Street-West Alternative would include the Tacoma 25th Street-West Station, located above E 25th Street between East G Street and East C Street. Bus stops would be provided within the existing bus transit plaza on Puyallup Avenue and East G Street as well as on-street on East G Street. Bus layover would be provided on the parcel between Puyallup Avenue, E 25th Street, E McKinley Avenue, and East G Street. Access to the bus layover facility would be provided via two one-way transit-only driveways on E McKinley Avenue. A single one-way transit-only exit driveway would be provided on East G Street. There would be no other changes to traffic circulation, property access, or traffic control for the Preferred Tacoma 25th Street-West Alternative.

Tacoma 25th Street-East Alternative

The Tacoma 25th Street-East Alternative would include the Tacoma 25th Street-East Station, located above E 25th Street between East G Street and E McKinley Avenue. Bus stops would be located within the existing bus transit plaza on Puyallup Avenue and East G Street as well as on-street on East G Street. Bus layover would be provided on E 26th Street at either the corner of East G Street or the corner of East J Street. Access to the bus layover facility would be provided via two transit-only driveways on E 26th Street. A pickup/drop-off lot would also be provided just north of the station plaza, with entrances on both East G Street and E McKinley

Avenue. There would be no other changes to traffic circulation, property access, or traffic control for the Tacoma 25th Street-East Alternative.

Tacoma Close to Sounder Alternative

The Tacoma Close to Sounder Alternative would include the Tacoma Close to Sounder Station, located adjacent to the northern edge of the Sounder tracks. Bus stops would be provided in a transit plaza on the parcel between Puyallup Avenue, E 25th Street, E McKinley Avenue and East G Street. Two transit-only driveways on East G Street would provide access to the transit plaza. Bus layover would be provided in the existing bus transit plaza on Puyallup Avenue and East G Street as well as on-street on East G Street.

Two additional bus transit concepts were evaluated with the Tacoma Close to Sounder Alternative: the 25th Street One-Way Option and the 25th Street Two-Way Transit-Only Option. Both bus transit concepts on 25th Street could also be paired with the Tacoma 25th Street-East and Tacoma 26th Street Station.

The 25th Street One-Way Option would provide on-street bus stops along E 25th Street between East D Street and East G Street as well as a bus transit plaza on the parcel between E 25th Street, East C Street, East D Street, and the Sounder tracks. Bus layover would be provided in the existing bus transit plaza on Puyallup Avenue and East G Street as well as on-street on East G Street.

The 25th Street Two-Way Transit-Only Option would provide bus stops in both directions of travel along E 25th Street between East D Street and East G Street. This would result in E 25th Street between East D Street and East G Street becoming a two-way transit-only street. Bus layover would be provided in the existing bus transit plaza on Puyallup Avenue and East G Street as well as on-street on East G Street.

There would be no other changes to traffic circulation, property access, or traffic control for the Tacoma Close to Sounder Alternative.

Tacoma 26th Street Alternative

The Tacoma 26th Street Alternative would include the Tacoma 26th Street Station, located above E 26th Street, straddling East D Street. Bus stops would be provided in a transit plaza at E 27th Street between East D Street and East F Street. Two transit-only driveways on East D Street would provide access to the transit plaza. Bus layover would be provided on the parcel between E 25th Street, East C Street, East D Street, and the Sounder tracks. Localized impacts to the Amtrak and Sounder stations and Freighthouse Square could occur. Vehicles would use East D Street, East G Street, Puyallup Avenue, and E 26th Street to circulate around the traffic restriction on E 25th Street. There would be no other changes to traffic circulation, property access, or traffic control for the Tacoma 26th Street Alternative.

5.3.3 Traffic Operations

For the 2042 traffic operations analysis, the No-Build Alternative is compared with the build alternatives and their station options. With input from the local jurisdictions, Sound Transit selected 79 intersections for analysis in the AM and PM peak hours. These include intersections that would be directly affected by TDLE, including intersections with changes to channelization, roadway width, or signal control, as well as intersections that would be indirectly affected, such as by a change in vehicular or pedestrian activity due to proximity to light rail stations.

Therefore, the intersections analyzed are more concentrated around station areas because these areas would experience an increase in vehicle and/or nonmotorized activity.

Intersections near light rail stations with any of the build alternatives are expected to operate at a L.O.S. similar to the No-Build Alternative. A few exceptions would occur around the preferred Fife Station, the Portland Avenue Station, and each of the station locations near the Tacoma Dome. A few other isolated locations show a L.O.S. degradation that would depend on a particular station location. Figures 5-12 through 5-19 present the 2042 AM and PM peak-hour intersection L.O.S. for the No-Build Alternative and build alternatives.

5.3.3.1 No-Build Alternative

The future No-Build Alternative traffic operations reflect year 2042 traffic conditions based on traffic volume growth rates, planned projects, and future roadway conditions. Signal timing plans were optimized for the No-Build Alternative. Pedestrian volumes at study intersections with substantial pedestrian activity were grown at the same percentage as vehicles for the No-Build Alternative.

A few intersections show improved intersection operations in the 2042 No-Build conditions compared with existing conditions. The planned improvements in each study segment would improve intersection operations at most intersections, although some study intersection traffic operations would degrade in the future No-Build Alternative when compared with existing conditions. For example, the SR 509 intersections located west of the new SR 167 connections would degrade due to additional volumes accessing the new SR 167 freeway connection to SR 509.

Of the 86 study intersections analyzed for TDLE, the following 23 intersections would not meet the applicable jurisdictional L.O.S. standard in the No-Build condition in either the AM or the PM peak hours:

Federal Way Segment

All intersections meet City of Federal Way and WSDOT standards.

South Federal Way Segment

- SR 99/Porter Way (Intersection #15) – AM, PM.

Fife Segment

- Port of Tacoma Road/Pacific Highway (Intersection #3) – PM.
- 34th Avenue E/Pacific Highway (Intersection #4) – PM.
- Alexander Avenue E/SR 509 WB (Intersection #5, within Tacoma city limits) – AM, PM.
- Alexander Avenue E/12th Street E (Intersection #7, on City of Tacoma and City of Fife boundary) – AM, PM.
- 52nd Avenue E/12th Street E (Intersection #11) – PM.
- 54th Avenue E/12th Street E (Intersection #12) – PM.
- 54th Avenue E/SR 99 (Intersection #13) – PM.
- 54th Avenue E/I-5 Northbound Ramps (Intersection #15) – AM, PM.
- 54th Avenue E/20th Street E (Intersection #16) – AM.
- 62nd Avenue E/12th Street E (Intersection #23) – PM.
- 62nd Avenue E/SR 99 (Intersection #24) – AM, PM.
- 70th Avenue E/20th Street E (Intersection #26) – AM.

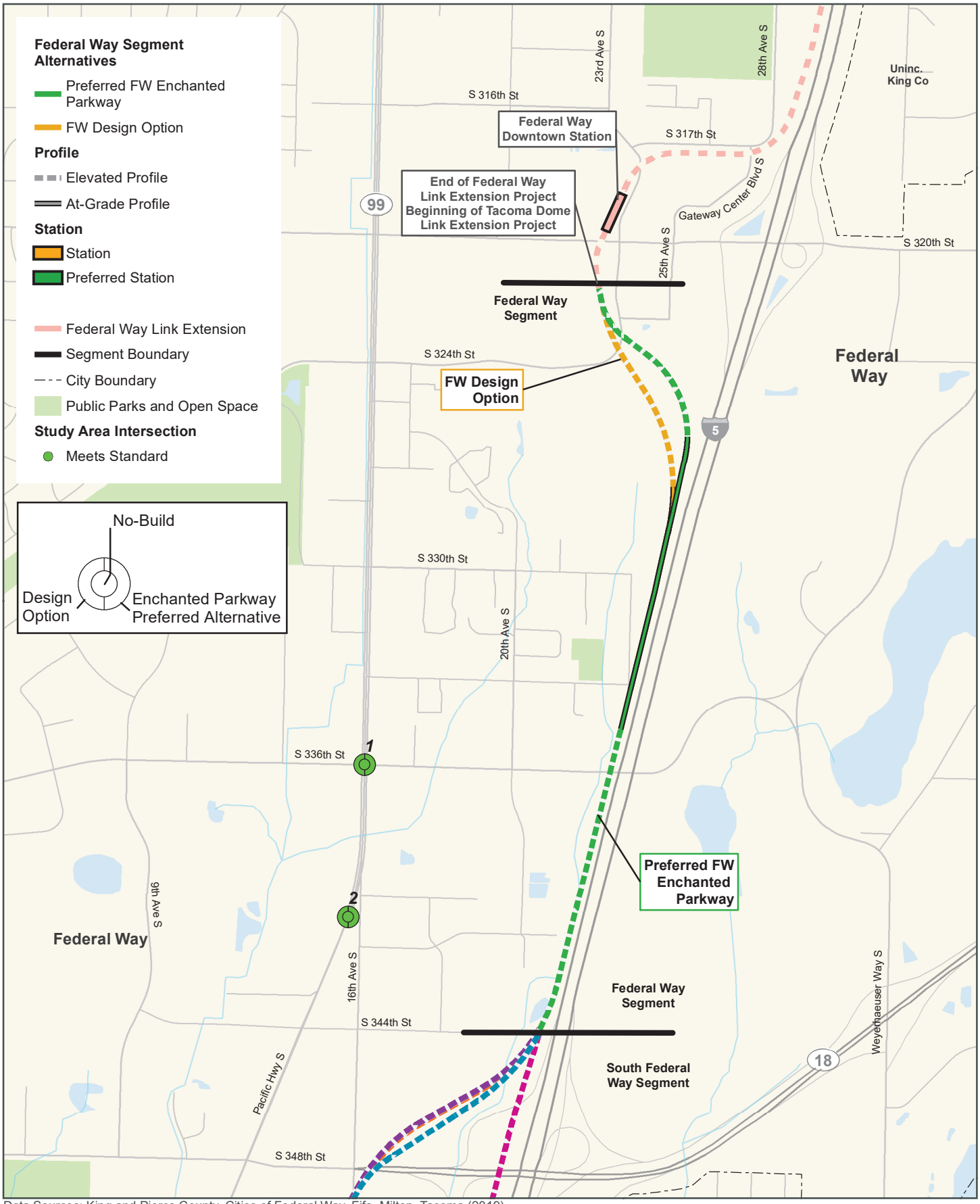

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 5-12

2042 No-Build and Build Alternative Traffic Operations - AM Peak Hour Federal Way Segment

Tacoma Dome Link Extension

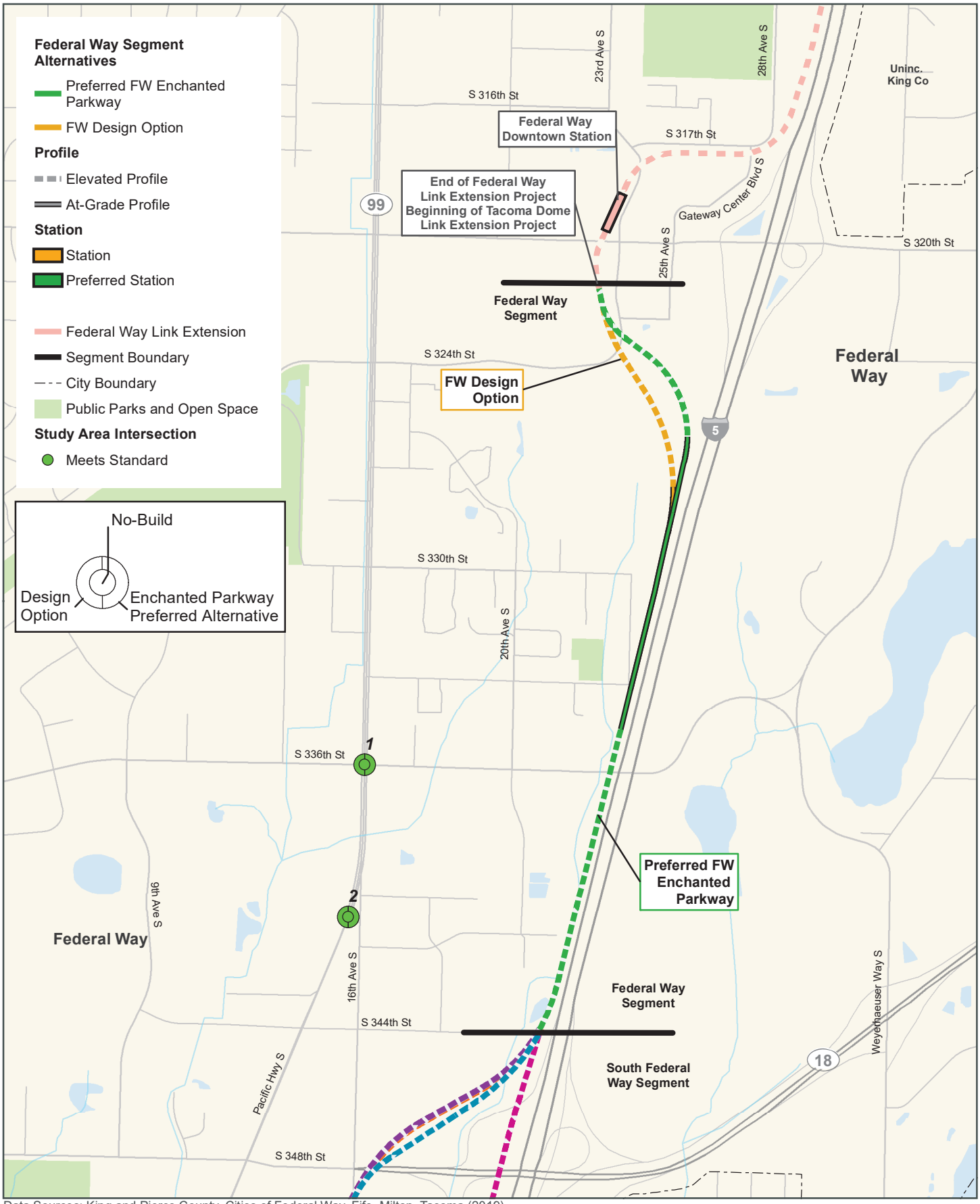

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-13

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour Federal Way Segment

Tacoma Dome Link Extension

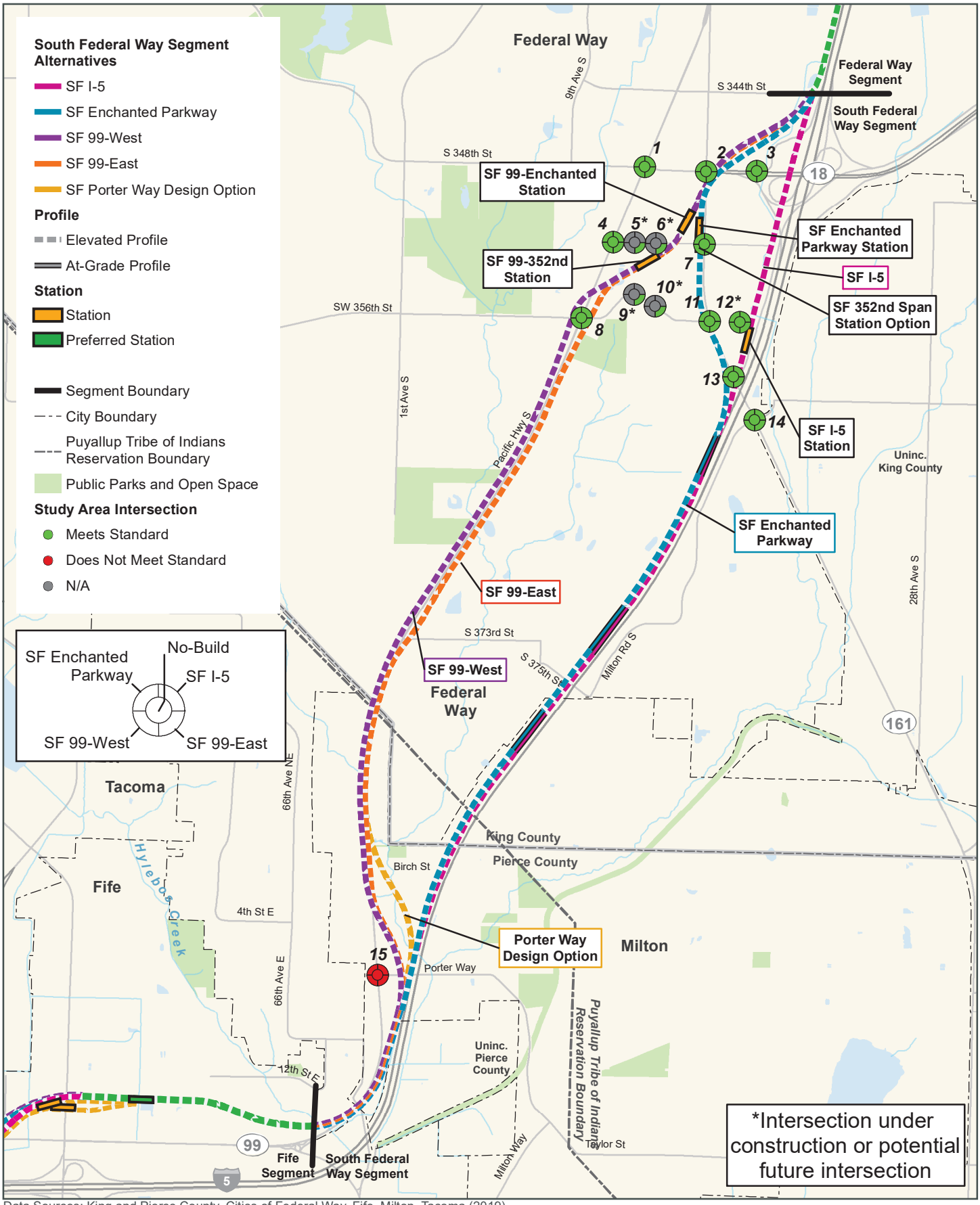

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-14

2042 No-Build and Build Alternative Traffic Operations - AM Peak Hour South Federal Way Segment

Tacoma Dome Link Extension

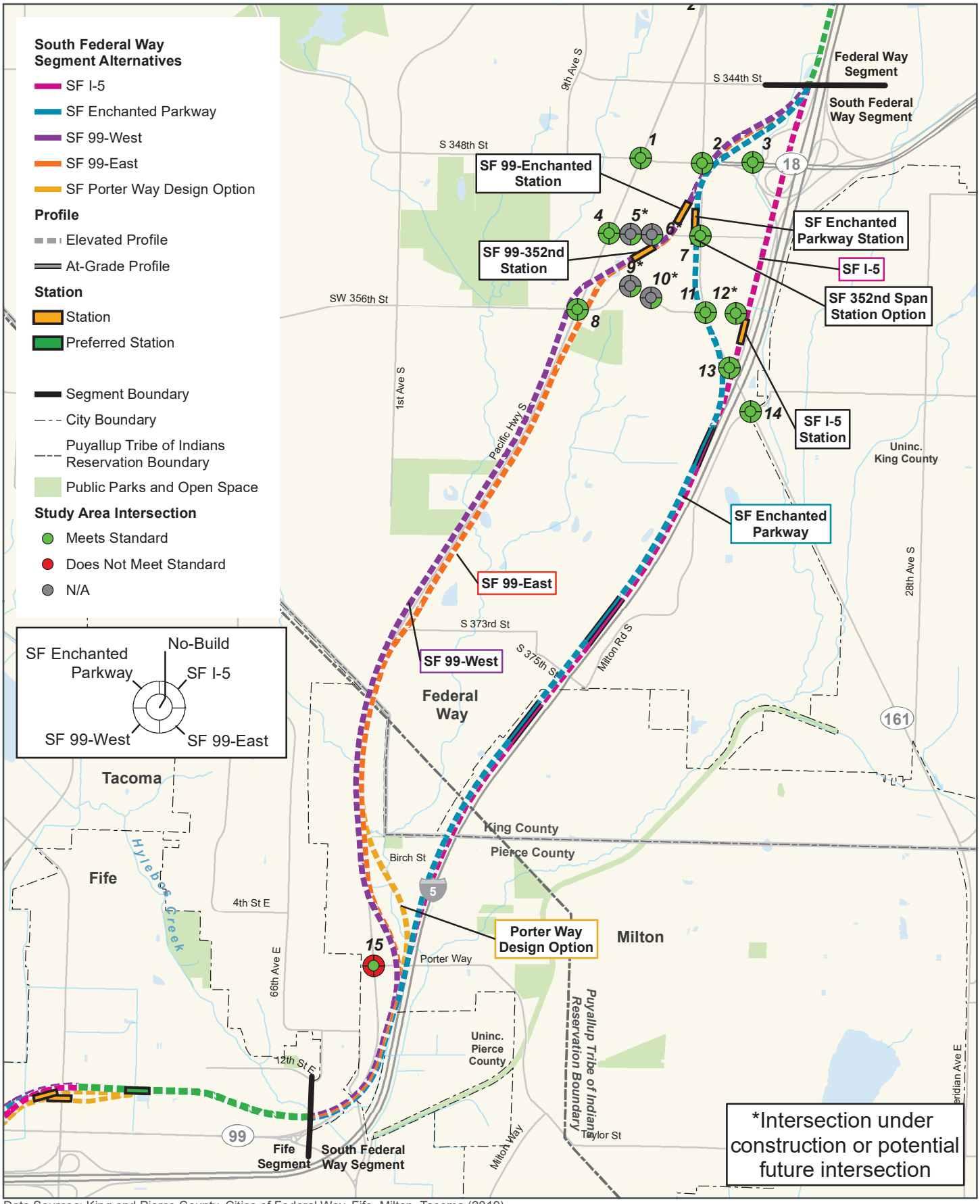

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-15

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour South Federal Way Segment

Tacoma Dome Link Extension

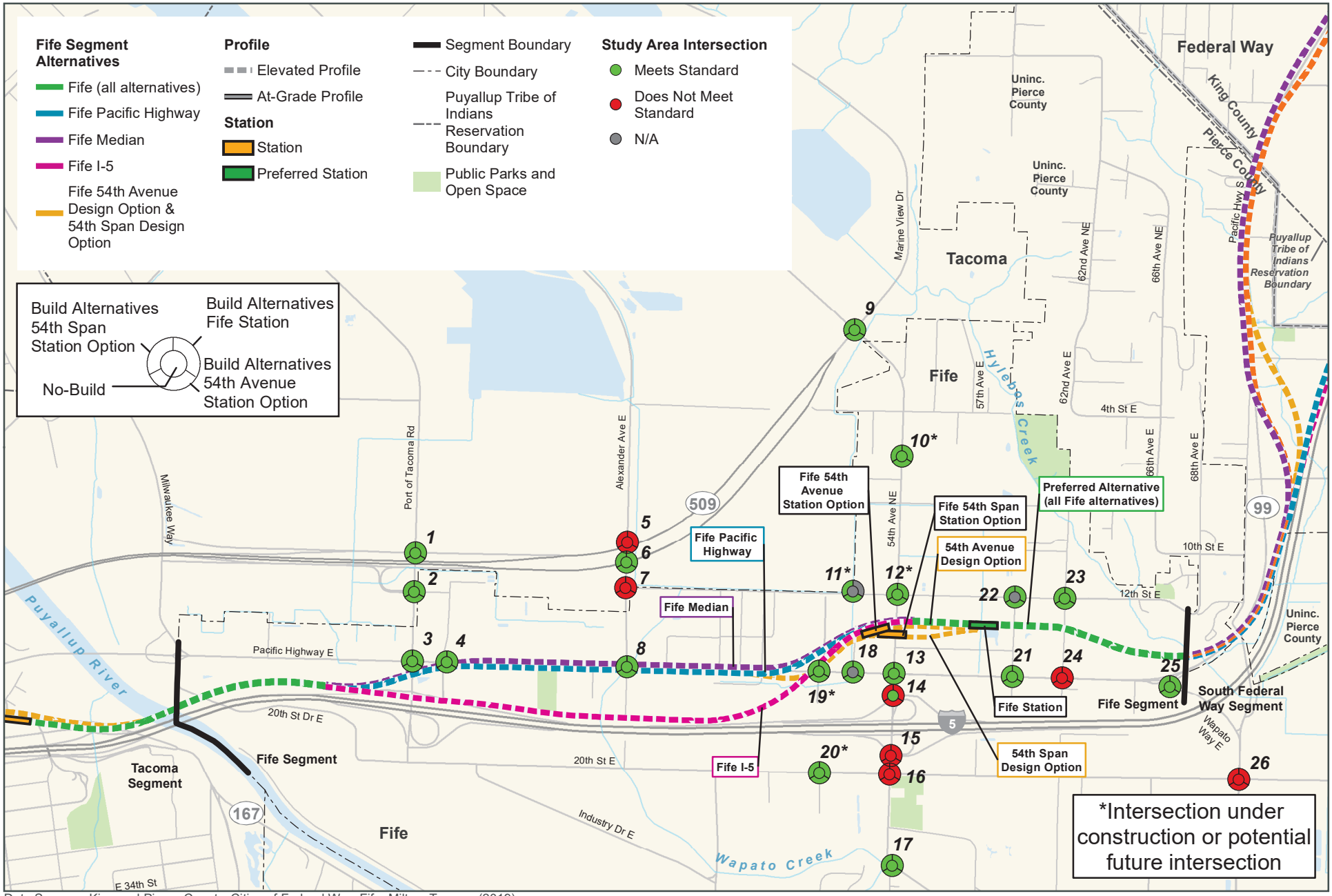

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-16

2042 No-Build and Build Alternative Traffic Operations - AM Peak Hour Fife Segment

Tacoma Dome Link Extension

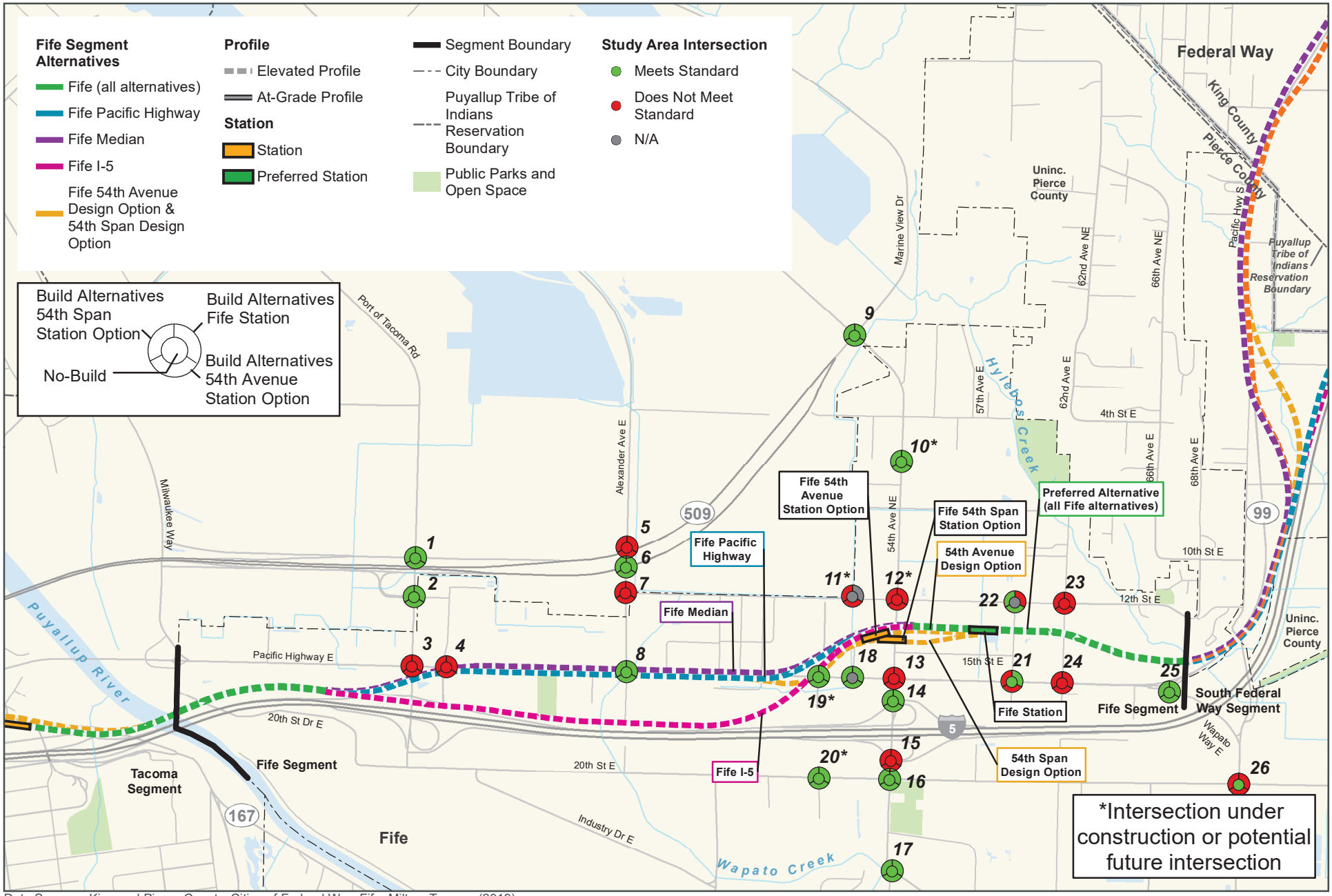

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-17

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour Fife Segment

Tacoma Dome Link Extension

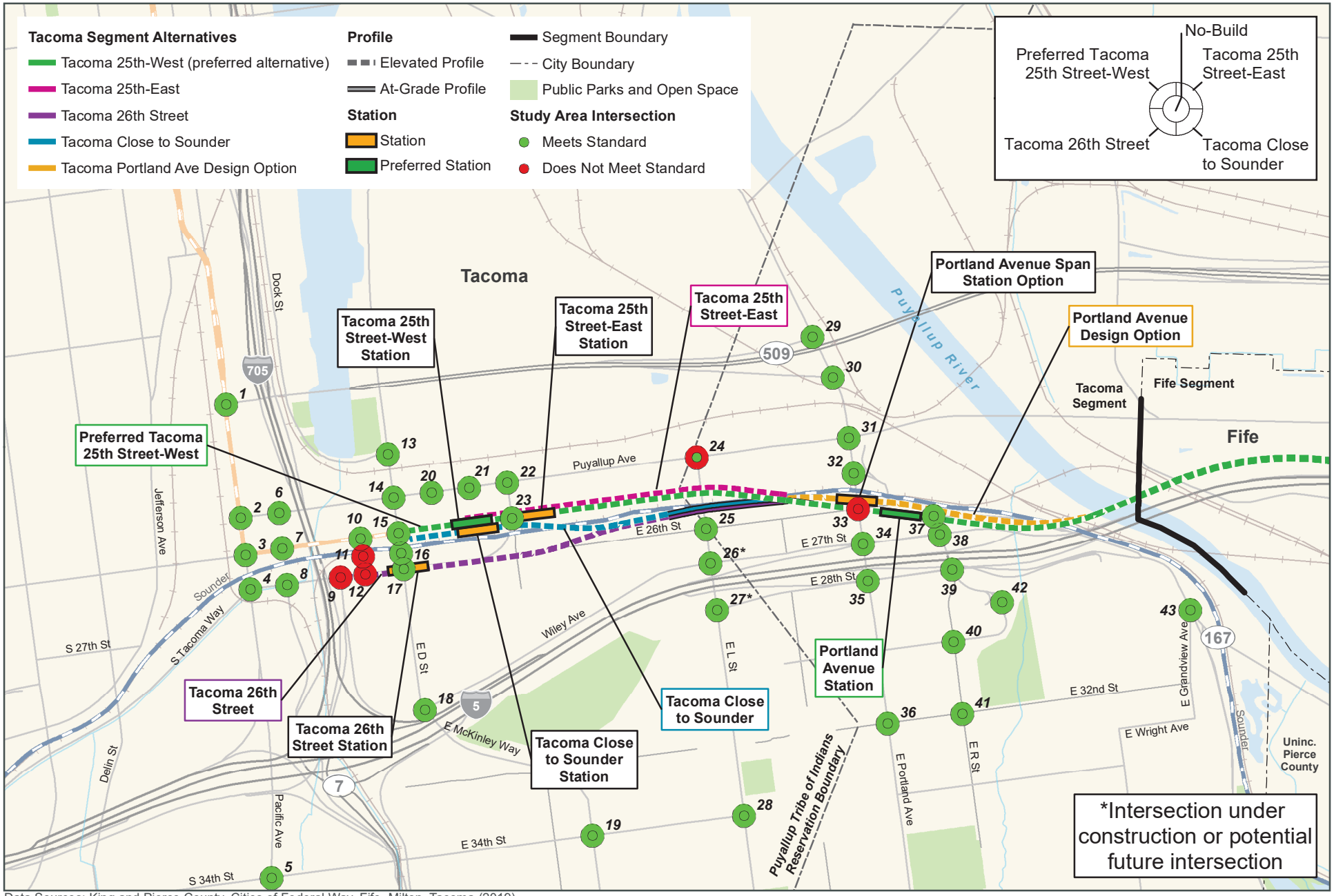

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-18

2042 No-Build and Build Alternative Traffic Operations - AM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

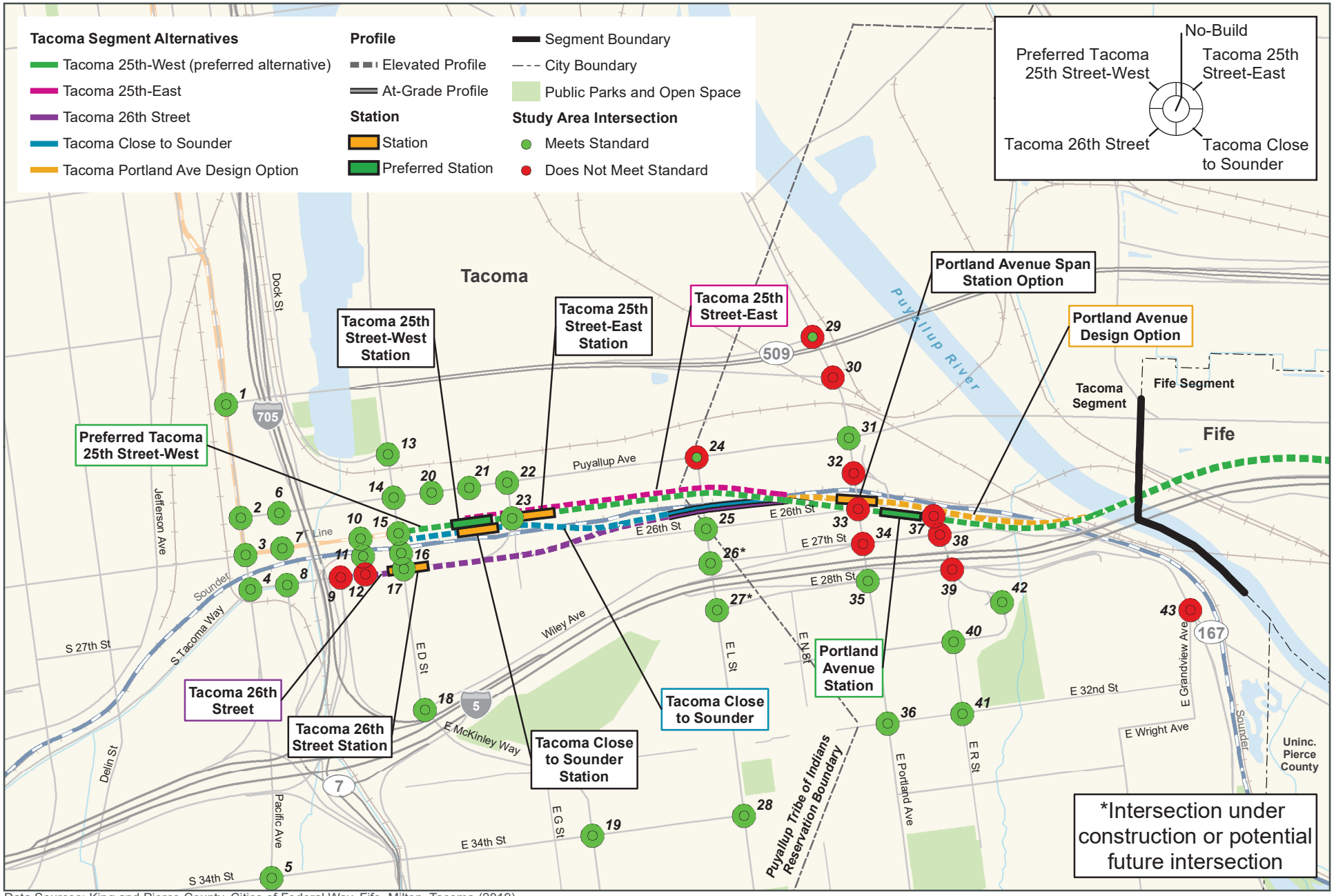

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 5-19

2042 No-Build and Build Alternative Traffic Operations - PM Peak Hour
Tacoma Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Tacoma Segment

- I-705 Off-Ramp/E 26th Street (Intersection #9) – AM, PM.
- East C Street/Tacoma Dome Parking Lot Driveway (Intersection #11) – AM.
- East C Street/E 26th Street (Intersection #12) – AM, PM.
- E Portland Avenue/SR 509 Eastbound Off-Ramp (Intersection #30) – PM.
- E Portland Avenue/E 25th Street/E Bay Street (Intersection #32) – PM.
- E Portland Avenue/E 26th Street (Intersection #33) – AM, PM.
- E Portland Avenue/E 27th Street (Intersection #34) – PM.
- E Bay Street at SR 167 Access Ramps (Intersection #37) – PM.
- E Bay Street/E 27th Street/I-5 Southbound Off-Ramp (Intersection #38) – PM.
- East R Street/E 28th Street/I-5 Northbound On-Ramp (Intersection #39) – PM.
- E Bay Street/River Road E (SR 167)/Pioneer Way E (Intersection #43) – PM.

5.3.3.2 Build Alternatives

Most of the intersections analyzed for the build alternatives would operate similar to the No-Build Alternative. The intersections that would not meet jurisdictional L.O.S. standards in the No-Build Alternative would continue to not meet standards under the build alternatives.

Federal Way Segment

All study intersections in the Federal Way Segment would meet City of Federal Way and WSDOT standards in all Federal Way Build Alternatives. Traffic operations in the Federal Way Segment were evaluated with the additional traffic generated by nearby stations. AM peak hour results are presented in Table 5-27, and PM peak hour results are presented in Table 5-28.

Table 5-27 2042 AM Peak Hour Traffic Operations – Federal Way Segment

I.D.	Intersection	Control Type	Agency (Standard)	No-Build	SF Enchanted Parkway Station	SF 99-Enchanted Station	SF 99-352nd Station	SF I-5 Station	% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				V/C Ratio	V/C Ratio	V/C Ratio	V/C Ratio	V/C Ratio	
1	SR 99/S 336th Street	Signal	Federal Way – (1.2 v/c Ratio)	0.72	0.73	0.73	0.73	0.73	1%
2	SR 99 (S 340th Place	Signal	Federal Way – (1.2 v/c Ratio)	0.58	0.59	0.59	0.59	0.59	2%

Source: Traffic operations models provided by City of Federal Way. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle; v/c ratio = volume-to-capacity ratio for the overall intersection.

(2) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.

(3) Intersections under City of Federal Way jurisdiction only summarized V/C ratio since that is the City of Federal Way operational measurement.

(4) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).

Table 5-28 2042 PM Peak Hour Traffic Operations – Federal Way Segment

I.D.	Intersection	Control Type	Agency (Standard)	No-Build	SF Enchanted Parkway Station	SF 99-Enchanted Station	SF 99-352nd Station	SF I-5 Station	% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				V/C Ratio	V/C Ratio	V/C Ratio	V/C Ratio	V/C Ratio	
1	SR 99/S 336th Street	Signal	Federal Way – (1.2 v/c Ratio)	0.94	0.95	0.95	0.95	0.95	1%
2	SR 99/S 340th Place	Signal	Federal Way – (1.2 v/c Ratio)	0.82	0.82	0.82	0.80	0.83	0-1%

Source: Traffic operations models provided by City of Federal Way. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle; v/c ratio = volume-to-capacity ratio for the overall intersection.

(2) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.

(3) Intersections under City of Federal Way jurisdiction only summarized V/C ratio since that is the City of Federal Way operational measurement.

(4) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).

South Federal Way Segment

This section discusses the traffic operations changes associated with the alternatives in the South Federal Way Segment. The SF Design Option would not change intersection operations results.

Impacts Common to All South Federal Way Alternatives

During the AM and PM Peak hours, one intersection would operate below standard under the build alternative:

- SR 99/Porter Way (Intersection #15).

Traffic operations at this intersection are associated with build alternatives in the Fife segment and are common to all Federal Way and Fife build alternatives.

South Federal Way Enchanted Parkway Alternative

Traffic operations in the South Federal Way Segment were evaluated with the additional traffic generated by the station, as assigned for the SF Enchanted Parkway Station location. AM peak hour results are presented in Table 5-29, and PM peak hour results are presented in Table 5-30. V/c ratios are shown for both the No-Build and build alternatives for comparison. The project traffic added to the network is expected to be distributed within the study area, project-related changes in v/c values would be small, and intersection operations would continue to meet the City of Federal Way and WSDOT standards during both the AM and PM peak hours. Vehicular access to and from the station was evaluated similarly to intersections for this alternative, and driveways accessing pickup/drop-off areas and parking perform acceptably, with an L.O.S. of C or higher for all options.

The SF 352nd Span Station Option would have the same traffic operations results.

The surface parking lot option would have similar traffic operations as the parking garage option.

South Federal Way I-5 Alternative

Traffic operations in the South Federal Way study area were evaluated with the additional traffic generated by the station as assigned for the SF I-5 Station location. AM peak hour results are presented in Table 5-29, and PM peak hour results are presented in Table 5-30. V/c ratios are shown for both the No-Build and build alternatives for comparison. The project traffic added to the network is expected to be distributed within the study area. The project-related changes in v/c values would be small, and intersection operations apart from the SR 99 and Porter Way intersection would continue to meet the City of Federal Way and WSDOT standards during both the AM and PM peak hours. Vehicular access to and from the station was evaluated similarly to intersections for this alternative. Driveways accessing pickup/drop-off areas and parking perform acceptably, with an L.O.S. of C or higher for all options.

The surface parking lot option would have similar traffic operations as the parking garage option.

South Federal Way 99-West Alternative

Traffic operations in the South Federal Way study area were evaluated with the additional traffic generated by the station as assigned for the SF 99-Enchanted Station. AM peak hour results are presented in Table 5-29, and PM peak hour results are presented in Table 5-30. V/c ratios are shown for both the No-Build and build alternatives for comparison. The project traffic added

to the network is expected to be distributed within the study area. The project-related changes in v/c values would be small, and intersection operations apart from the SR 99 and Porter Way intersection would continue to meet the City of Federal Way and WSDOT standards during both the AM and PM peak hours. Vehicular access to and from the station was evaluated similarly to intersections for this alternative and driveways accessing pickup/drop-off areas and parking perform acceptably, with an L.O.S. of C or higher for all options.

The surface parking lot option would have similar traffic operations as the parking garage option.

South Federal Way 99-East Alternative

Traffic operations in the South Federal Way study area were evaluated with the additional traffic generated by the station as assigned for the SF 99-352nd Station. AM peak hour results are presented in Table 5-29, and PM peak hour results are presented in Table 5-30. V/c ratios are shown for both the No-Build and build alternatives for comparison. The project traffic added to the network is expected to be distributed within the study area. The project-related changes in v/c values would be small, and intersection operations apart from the SR 99 and Porter Way intersection would continue to meet the City of Federal Way and WSDOT standards during both the AM and PM peak hours. Vehicular access to and from the station was evaluated similarly to intersections for this alternative. Driveways accessing pickup/drop-off areas and parking perform acceptably, with an L.O.S. of C or higher for all options.

The surface parking lot option would have similar traffic operations as the parking garage option.

Table 5-29 2042 AM Peak Hour Traffic Operations – South Federal Way Segment

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			SF Enchanted Parkway Station			SF 99-Enchanted Station			SF 99-352nd Station			SF I-5 Station			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[4]
				L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	
1	SR 99/S 348th Street/SR 18	Signal	Federal Way – (1.2 v/c Ratio)			0.79			0.80			0.80			0.80			0.79	0-1%
2	S 348th Street/ SR 18/SR 161 Enchanted Parkway	Signal	Federal Way – (1.2 v/c Ratio)	D	41	0.86	D	44	0.87	D	44	0.87	D	44	0.87	D	44	0.87	7%
3	SR 18/I-5 SB Ramp	Signal	WSDOT HSS (L.O.S. D)	B	13	0.61	B	14	0.61	B	14	0.61	B	14	0.61	B	15	0.61	8-15%
4	SR 99/S 352nd Street	Signal	Federal Way – (1.2 v/c Ratio)			0.55			0.68			0.68			0.68			0.55	0-24%
5	S 352nd Street and western SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			0.48			0.28			N/A	Future intersection with SF 99-Enchanted and SF 99-352nd stations only
6	S 352nd Street and eastern SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			0.31			0.29			N/A	Future intersection with SF 99-Enchanted and SF 99-352nd stations only
7	SR 161/ Enchanted Parkway/ S 352nd Street	Signal	Federal Way – 1.2 v/c Ratio, WSDOT HRS (Mitigated L.O.S. E)[5]	C	31	0.84	C	31	0.87	C	33	0.87	C	22	0.85	C	32	0.86	0-6%
8	SR 99/S 356th Street	Signal	Federal Way – (1.2 v/c Ratio)			0.70			0.73			0.73			0.71			0.71	1-4%
9	S 356th Street and western SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			N/A			0.32			N/A	Future intersection with SF 99-352nd Station only

Table 5-29 2042 AM Peak Hour Traffic Operations – South Federal Way Segment (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			SF Enchanted Parkway Station			SF 99-Enchanted Station			SF 99-352nd Station			SF I-5 Station			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[4]
				L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	
10	S 356th Street and eastern SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			N/A			0.25			N/A	Future intersection with SF 99-352nd Station only
11	SR 161/ Enchanted Parkway/ S 356th Street/16th Avenue S	Roundabout	Federal Way – 1.2 v/c Ratio WSDOT HRS (Mitigated L.O.S. E)[5]			0.69			0.72			0.73			0.73			0.84	4-22%
12	I-5 SB Off-Ramp at S 356th Street	Roundabout	WSDOT HSS (L.O.S. D)			0.07			0.07			0.07			0.07			0.09	0-29%
13	SR 161/ Enchanted Parkway/ SR 18 WB Ramp	Signal	Federal Way – 1.2 v/c Ratio WSDOT HSS (L.O.S. D)	B	16	0.64	B	15	0.64	B	15	0.64	B	15	0.64	B	18	0.66	0-13%
14	SR 161/Milton Road S	Signal	WSDOT HRS (Mitigated L.O.S. E)[5]	C	24	0.69	C	25	0.70	C	25	0.70	C	25	0.70	C	25	0.70	4%
15	SR 99 at Porter Way	Signal	WSDOT HSS (L.O.S. D)	***E***	***77***		***F***	***85***		***F***	***85***		***F***	***85***		***F***	***85***		***10%***

Source: Traffic operations models provided by City of Federal Way. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle; v/c ratio = volume-to-capacity ratio for the overall intersection.

(2) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.

(3) Intersections under City of Federal Way jurisdiction only summarized V/C ratio since that is the City of Federal Way operational measurement.

(4) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).

(5) The standard for WSDOT Tier 1 routes is LOS E/mitigated, meaning that congestion should be mitigated when PM peak hour L.O.S. is at or below E.

(6) For the SF 99-Enchanted Station and SF 99-352nd Station, the traffic operations analysis was updated at intersections 6, 7, 8 and 9. The intersection operations at the remaining study intersections are expected to be similar to the SF Enchanted Parkway Station.

Table 5-30 2042 PM Peak Hour Traffic Operations – South Federal Way Segment

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			SF Enchanted Parkway Station			SF 99-Enchanted Station			SF 99-352nd Station			SF I-5 Station			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[4]
				L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	
1	SR 99/S 348th Street/SR 18	Signal	Federal Way – (1.2 v/c ratio)			0.98			1.00			1.00			1.00			0.98	0-2%
2	S 348th Street/ SR 18/SR 161 Enchanted Parkway	Signal	Federal Way – (1.2 v/c ratio)	D	37	0.89	D	39	0.90	D	39	0.90	D	39	0.90	D	39	0.90	5%
3	SR 18/I-5 Southbound Ramp	Signal	WSDOT HSS (L.O.S. D)	C	23	0.85	C	23	0.86	C	23	0.86	C	23	0.86	C	24	0.85	0-4%
4	SR 99/S 352nd Street	Signal	Federal Way – (1.2 v/c ratio)			0.65			0.70			0.70			0.70			0.65	0-8%
5	S 352nd Street and western SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			0.56			0.39			N/A	Future intersection with SF 99-Enchanted and SF 99-352nd stations only
6	S 352nd Street and eastern SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			0.40			0.38			N/A	Future intersection with SF 99-Enchanted and SF 99-352nd stations only
7	SR 161/ Enchanted Parkway/ S 352nd Street	Signal	Federal Way – 1.2 v/c ratio, WSDOT HRS (Mitigated L.O.S. E)[5]	B	18	0.79	C	27	0.82	C	28	0.82	C	27	0.82	B	19	0.84	6-56%
8	SR 99/S 356th Street	Signal	Federal Way – (1.2 v/c ratio)			1.07			1.08			1.08			1.08			1.08	1%
9	S 356th Street and western SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			N/A			0.41			N/A	Future intersection with SF 99-352nd Station only

Table 5-30 2042 PM Peak Hour Traffic Operations – South Federal Way Segment (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			SF Enchanted Parkway Station			SF 99-Enchanted Station			SF 99-352nd Station			SF I-5 Station			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[4]
				L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	L.O.S.	Delay (sec/veh)	V/C Ratio	
10	S 356th Street and eastern SF 99-352nd Station Access	Signal	Federal Way – (1.2 v/c ratio)			N/A			N/A			N/A			0.42			N/A	Future intersection with SF 99-352nd Station only
11	SR 161/ Enchanted Parkway/ S 356th Street/16th Avenue S	Roundabout	Federal Way – 1.2 v/c ratio WSDOT HRS (Mitigated L.O.S. E)[5]			0.58			0.59			0.60			0.60			0.81	2-40%
12	I-5 Southbound Off-Ramp at S 356th Street	Roundabout	WSDOT HSS (L.O.S. D)			0.31			0.31			0.31			0.31			0.34	0-10%
13	SR 161/ Enchanted Parkway/ SR 18 Westbound Ramp	Signal	Federal Way – 1.2 v/c ratio WSDOT HSS (L.O.S. D)	C	34	0.81	D	36	0.82	D	36	0.82	D	36	0.82	C	35	0.83	3-6%
14	SR 161/Milton Road S	Signal	WSDOT HRS (Mitigated L.O.S. E)[5]	C	26	0.83	C	27	0.84	C	27	0.84	C	27	0.84	C	26	0.84	0-4%
15	SR 99 at Porter Way	Signal	WSDOT HSS (L.O.S. D)	D	49		***E***	***57***		***E***	***57***		***E***	***57***		***E***	***57***		***16%***

Source: Traffic operations models provided by City of Federal Way. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle; v/c ratio = volume-to-capacity ratio for the overall intersection.

(2) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility.

(3) Intersections under City of Federal Way jurisdiction only summarized V/C ratio since that is the City of Federal Way operational measurement.

(4) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).

(5) The standard for WSDOT Tier 1 routes is LOS E/mitigated, meaning that congestion should be mitigated when PM peak hour L.O.S. is at or below E.

(6) For the SF 99-Enchanted Station and SF 99-352nd Station, the traffic operations analysis was updated at intersections 6, 7, 8 and 9. The intersection operations at the remaining study intersections are expected to be similar to the SF Enchanted Parkway Station.

Fife Segment

This section discusses the traffic operations changes associated with the alternatives in the Fife Segment.

Impacts Common to All Alternatives in the Fife Segment

Traffic operations in the Fife study area were evaluated with the additional traffic generated by the preferred Fife Station. AM peak hour results are presented in Table 5-31, and PM peak hour results are presented in Table 5-32. No-Build conditions AM and PM peak-hour L.O.S. are also shown in the tables for comparison. As previously described, the No-Build conditions assume substantial infrastructure changes planned as part of the WSDOT SR 167 Completion Project, I-5/Port of Tacoma Road, and I-5/54th Avenue interchanges. In addition, the No-Build conditions assume new development near the proposed station that the City of Fife is planning as part of its Town Center plan.

During the AM Peak Hour, six intersections would operate below standards in the No-Build Alternative (Intersections #5, #7, #15, #16, #24, and #26) and one additional intersection (Intersection #14) would operate below standard under the build alternative. The eight intersections that would operate below standard under the Fife Station include:

- Alexander Avenue E/SR 509 Westbound (Intersection #5, within Tacoma city limits).
- Alexander Avenue E/12th Street E (Intersection #7, on City of Tacoma and City of Fife boundary).
- 54th Avenue E/I-5 Southbound Ramps (Intersection #14).
- 54th Avenue E/I-5 Northbound Ramps (Intersection #15).
- 54th Avenue E/20th Street E (Intersection #16).
- 62nd Avenue E/SR 99 (Intersection #24).
- 70th Avenue E/20th Street E (Intersection #26).

During the PM Peak Hour, nine intersections would operate below standards in the No-Build Alternative (Intersections #3, #4, #5, #7, #12, #13, #15, #23, and #24) and four additional intersections (Intersections #11, #21, #22, and #26) would operate below standard under the build alternative. The 13 intersections that would operate below standard under the Fife Station include:

- Port of Tacoma Road/Pacific Highway (Intersection #3).
- 34th Avenue E/Pacific Highway (Intersection #4).
- Alexander Avenue E/SR 509 Westbound (Intersection #5, within Tacoma city limits).
- Alexander Avenue E/12th Street E (Intersection #7, on City of Tacoma and City of Fife boundary).
- 52nd Avenue E/12th Street E (Intersection #11).
- 54th Avenue E/12th Street E (Intersection #12).
- 54th Avenue E/SR 99 (Intersection #13).
- 54th Avenue E/I-5 Northbound Ramps (Intersection #15).

- 59th Avenue Ct E/SR 99 (Intersection #21).
- 12th Street E/59th Avenue Ct E (Intersection #22).
- 62nd Avenue E/12th Street E (Intersection #23).
- 62nd Avenue E/SR 99 (Intersection #24).
- 70th Avenue E/20th Street E (Intersection #26).

Vehicular access to and from station locations in the Fife segment was evaluated similarly to intersections and driveways accessing pickup/drop-off areas and parking perform acceptably, with an L.O.S. of C or higher for all options.

54th Avenue and 54th Span Design Options

Traffic operations in the Fife study area were evaluated with the additional traffic generated by the Fife Station. AM peak hour results are presented in Table 5-31, and PM peak hour results are presented in Table 5-32. The 54th Avenue and 54th Avenue Design Options would include an extension of 52nd Avenue E to connect with 12th Street E and provide access to the station site. The new intersection between 52nd Avenue E and 12th Street E (Fife Intersection #11) would operate below standard during the PM Peak Hour.

Table 5-31 2042 Traffic Operations – Fife Segment – AM Peak Hour

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			All Build Alternatives with Preferred Fife Station			All Build Alternatives with 54th Avenue Design Option			All Build Alternatives with 54th Span Design Option			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[7]
				L.O.S.[1]	Delay[1]	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	
1	Port of Tacoma Road at SR 509 Westbound Ramp	Signal	WSDOT HSS (L.O.S. D)	A	9		A	10		A	10		A	10		11%
2	Port of Tacoma Road at SR 509 Eastbound Ramp	Signal	WSDOT HSS (L.O.S. D)	B	11		B	11		B	11		B	11		0%
3	Port of Tacoma Road at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	B	18		B	19		B	19		B	19		6%
4	34th Avenue E at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	A	8		A	8		A	8		A	8		0%
5	Alexander Avenue E at SR 509 Westbound	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio)	***F***	***200***	***0.90***	***F***	***>200***[8]	***0.90***	***F***	***>200***[8]	***0.90***	***F***	***>200***[8]	***0.90***	0%
6	Alexander Avenue E at SR 509 Eastbound	Signal	WSDOT HSS (L.O.S. D)	D	52		D	55		D	55		D	55		6%
7	Alexander Avenue E at 12th Street E	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***183***	***0.85***	***F***	***>200***[8]	***0.86***	***F***	***>200***[8]	***0.86***	***F***	***>200***[8]	***0.86***	9%
8	Alexander Avenue E at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	B	12		B	11		B	11		B	11		0%
9	54th Avenue E/Taylor Way E at SR 509	Signal	WSDOT HSS (L.O.S. D)	D	35		D	48		D	48		D	48		37%
10	54th Avenue E at SR 167 Ramps[3]	Roundabout	WSDOT HSS (L.O.S. D)			0.43			0.48			0.48			0.48	12%

Table 5-31 2042 Traffic Operations – Fife Segment – AM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			All Build Alternatives with Preferred Fife Station			All Build Alternatives with 54th Avenue Design Option			All Build Alternatives with 54th Span Design Option			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[7]
				L.O.S.[1]	Delay[1]	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	
11	52nd Avenue E and12th Street E	Signal	City of Fife (L.O.S. D)	N/A	N/A	N/A	N/A	N/A	N/A	**A**	**1.4**		**A**	**1.4**		N/A
12	54th Avenue E at 12th Street E	Signal	City of Fife (L.O.S. D)	B	15		B	19		B	16		B	16		7-27%
13	54th Avenue E at SR 99	Signal	WSDOT HSS (L.O.S. D)	D	47		D	54		D	50		D	50		6-15%
14	54th Avenue E at I-5 Southbound Ramps	Signal	WSDOT HSS (L.O.S. D)	C	27		***E***	***64***		***E***	***64***		***E***	***64***		***137%***
15	54th Avenue E at I-5 Northbound Ramps	No Control[4]	WSDOT HSS (L.O.S. D)	***E***	***40***		***E***	***43***		***E***	***43***		***E***	***43***		8%
16	54th Avenue E at 20th Street E	Signal	City of Fife (L.O.S. D)	***F***	***86***		***F***	***88***		***F***	***88***		***F***	***88***		2%
17	54th Avenue E at Valley Avenue E	Signal	City of Fife (L.O.S. D)	C	28		D	45		D	45		D	45		61%
18	52nd Avenue E at SR99/Pacific Highway E	Signal	WSDOT HSS (L.O.S. D)	B	19		C	20		C	25		C	25		5-26%
19	SR 99/I-5 Southbound Ramps[3]	Signal	WSDOT HSS (L.O.S. D)	C	24		C	23		C	23		C	23		0%
20	20th Street E/I-5 Northbound Ramps[3]	Signal	WSDOT HSS (L.O.S. D)	B	13		B	13		B	13		B	13		0%
21	59th Avenue Court E at SR 99	Signal	WSDOT HSS (L.O.S. D)	C	26		C	28		C	26		C	26		0-8%
22	59th Avenue Court E at 12th Street E	Signal	City of Fife (L.O.S. D)	A	8		A	8		D	44		D	44		0-450%
23	62nd Avenue E at 12th Street E	TWSC	City of Fife (L.O.S. D)	D	28		D	28		D	25		D	25		0%

Table 5-31 2042 Traffic Operations – Fife Segment – AM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			All Build Alternatives with Preferred Fife Station			All Build Alternatives with 54th Avenue Design Option			All Build Alternatives with 54th Span Design Option			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[7]
				L.O.S.[1]	Delay[1]	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	
24	62nd Avenue E at SR 99	TWSC	WSDOT HSS (L.O.S. D)	***E***	***36***		***E***	***36***		***F***	***125***		***F***	***125***		***0-248%***
25	Wapato Way at SR 99 (70th Avenue E at SR 99)[5]	Roundabout	WSDOT HSS (L.O.S. D)	B	10.2	0.91	A	2	0.92	A	2	0.92	A	2	0.92	0%-<0%
26	70th Avenue E at 20th Street E	Signal	City of Fife (L.O.S. D)	***F***	***110***		***F***	***118***		***F***	***118***		***F***	***118***		7%

Source: Future traffic operations models provided by WSDOT and City of Fife were combined and augmented to reflect year 2042 conditions with planned infrastructure and traffic control changes. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle.
(2) TWSC = two-way stop-controlled intersection.
(3) New intersection planned as part of SR 167 Completion Project.
(4) Current configuration would change in the future. Left turns from southbound 54th Avenue E would no longer be allowed at this location and would be diverted to the new northbound on-ramp from 20th Street E.
(5) Roundabout is proposed for the future condition. v/c ratio is reported.
(6) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility and may require mitigation.
(7) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).
(8) Delay over 200 seconds is not accurately captured by traffic modeling, and estimated delay is limited to over 200 seconds in reporting model results and calculating mitigation thresholds.
(9) For the 54th Avenue Design Option, the traffic operations analysis was updated at intersections 11, 12, 17, 19, 20 and 21. The intersection operations at the remaining study intersections are expected to be similar to the Build alternatives with the preferred Fife Station.
(10) The intersection operations for the 54th Span Design Option are expected to be similar to the 54th Avenue Design Option.
(11) Intersection assumed to be offset for the purposes of analysis and may be constructed by others as an aligned intersection with the 54th Avenue and 54th Span Design Options.

Table 5-32 2042 Traffic Operations – Fife Segment – PM Peak Hour

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			All Build Alternatives with Preferred Fife Station			All Build Alternatives with 54th Avenue Design Option			All Build Alternatives with 54th Span Design Option			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[7]
				L.O.S.[1]	Delay[1]	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	
1	Port of Tacoma Road at SR 509 Westbound Ramp	Signal	WSDOT HSS (L.O.S. D)	B	17		B	18		B	18		B	18		6%
2	Port of Tacoma Road at SR 509 Eastbound Ramp	Signal	WSDOT HSS (L.O.S. D)	D	36		C	30		C	30		C	30		0%
3	Port of Tacoma Road at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	***F***	***121***		***F***	***120[6]***		***F***	***120[6]***		***F***	***120[6]***		0%
4	34th Avenue E at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	***F***	***86***		***F***	***89***		***F***	***89***		***F***	***89***		3%
5	Alexander Avenue E at SR 509 Westbound	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***>200[9]***	***1.04***	***F***	***>200[9]***	***1.04***	***F***	***>200[9]***	***1.04***	***F***	***>200[9]***	***1.04***	0%
6	Alexander Avenue E at SR 509 Eastbound	Signal	WSDOT HSS (L.O.S. D)	D	48		D	45[6]		D	45[6]		D	45[6]		0%
7	Alexander Avenue E at 12th Street E	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***>200[9]***	***0.62***	***F***	***>200[9]***	***0.63***	***F***	***>200[9]***	***0.63***	***F***	***>200[9]***	***0.63***	0%
8	Alexander Avenue E at Pacific Highway	Signal	WSDOT HSS (L.O.S. D)	B	17		B	18		B	18		B	18		6%
9	54th Avenue E/Taylor Way E at SR 509	Signal	WSDOT HSS (L.O.S. D)	C	33		C	33		C	33		C	33		0%
10	54th Avenue E at SR 167 Ramps[3]	Roundabout	WSDOT HSS (L.O.S. D)			0.34			0.37			0.37			0.37	9%
11	52nd Avenue E and 12th Street E[10]	Signal	City of Fife (L.O.S. D)	N/A	N/A	N/A	N/A	N/A	N/A	***E***	***70.4***			***E***	***70.4***	N/A
12	54th Avenue E at 12th Street E	Signal	City of Fife (L.O.S. D)	***E***	***77***		***F***	***199***		***F***	***150***		***F***	***150***		***95-158%***
13	54th Avenue E at SR 99	Signal	WSDOT HSS (L.O.S. D)	***F***	***97***		***F***	***101***		***F***	***133***		***F***	***133***		***4-37%***
14	54th Avenue E at I-5 Southbound Ramps	Signal	WSDOT HSS (L.O.S. D)	C	27		C	26		C	26		C	26		0%
15	54th Avenue E at I-5 Northbound Ramps	No Control[4]	WSDOT HSS (L.O.S. D)	***F***	***140***		***F***	***142***		***F***	***142***		***F***	***142***		1%
16	54th Avenue E at 20th Street E	Signal	City of Fife (L.O.S. D)	D	48		D	50		D	50		D	50		4%

Table 5-32 2042 Traffic Operations – Fife Segment – PM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			All Build Alternatives with Preferred Fife Station			All Build Alternatives with 54th Avenue Design Option			All Build Alternatives with 54th Span Design Option			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative[7]
				L.O.S.[1]	Delay[1]	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	L.O.S.	Delay	V/C Ratio	
17	54th Avenue E at Valley Avenue E	Signal	City of Fife (L.O.S. D)	A	8		A	8		A	8		A	8		0%
18	52nd Avenue E Pacific Highway E	Signal	WSDOT HSS (L.O.S. D)	C	20		B	19		C	31		C	31		-6%-53%
19	SR 99/I-5 Southbound Ramps[3]	Signal	WSDOT HSS (L.O.S. D)	C	31		C	30[6]		C	32		C	32		0-3%
20	20th Street E/I-5 Northbound Ramps[3]	Signal	WSDOT HSS (L.O.S. D)	C	23		C	23		C	23		C	23		0%
21	59th Avenue Court E at SR 99	Signal	WSDOT HSS (L.O.S. D)	C	33		D	44		***E***	***66***		***E***	***66***		***33-100%***
22	59th Avenue Court E at 12th Street E	Signal	City of Fife (L.O.S. D)	B	14		***F***	***81***		C	22.8		C	22.8		***64%-482%***
23	62nd Avenue E at 12th Street E	TWSC	City of Fife (L.O.S. D)	***F***	***108***		***F***	***>200[9]***		***F***	***148***		***F***	***148***		***37-85%***
24	62nd Avenue E at SR 99	TWSC	WSDOT HSS (L.O.S. D)	***E***	***49***		***F***	***196***		***F***	***>200[9]***		***F***	***>200[9]***		***300-414%***
25	Wapato Way at SR 99 (70th Avenue E at SR 99)[5]	Roundabout	WSDOT HSS (L.O.S. D)	A	5.9	0.72	A	6.1	0.74	A	6.1	0.74	A	6.1	0.74	3%
26	70th Avenue E at 20th Street E	Signal	City of Fife (L.O.S. D)	D	54		***E***	***61***		***E***	***61***		***E***	***61***		***13%***

Source: Future traffic operations models provided by WSDOT and City of Fife were combined and augmented to reflect year 2042 conditions with planned infrastructure and traffic control changes. All signal timings were optimized. Intersection operations analyzed using SimTraffic 10 for L.O.S. and delay and Synchro for overall intersection v/c ratio. SimTraffic results are the average of 10 simulation runs.

Notes:

(1) L.O.S. = level of service; delay = seconds of delay per vehicle.
(2) TWSC = two-way stop-controlled intersection.
(3) New intersection planned as part of SR 167 Completion Project.
(4) Current configuration would change in the future. Left turns from southbound 54th Avenue E would no longer be allowed at this location and would be diverted to the new northbound on-ramp from 20th Street E.
(5) Roundabout is proposed for the future condition; v/c ratio is reported.
(6) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility and may require mitigation.
(7) The column summarizing the percent change in either seconds of delay or v/c ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).
(8) Delay over 200 seconds is not accurately captured by traffic modeling, and estimated delay is limited to over 200 seconds in reporting model results and calculating mitigation thresholds.
(9) For the 54th Avenue Design Option, the traffic operations analysis was updated at intersections 11, 12, 17, 19, 20 and 21. The intersection operations at the remaining study intersections are expected to be similar to the Build alternatives with the preferred Fife Station.
(10) The intersection operations for the 54th Span Design Option are expected to be similar to the 54th Avenue Design Option. Intersection assumed to be offset for the purposes of analysis and may be constructed by others as an aligned intersection with the 54th Avenue and 54th Span Design Options.

Tacoma Segment

This section discusses the traffic operations changes associated with the alternatives in the Tacoma Segment. Traffic operations in the Tacoma Segment were evaluated with the additional traffic generated by the Portland Avenue Station in combination with a station near the Tacoma Dome. The Portland Avenue Span Station Option is a design option that was only evaluated with the Tacoma Segment's Preferred Alternative (Tacoma 25th Street-West).

Vehicular access to and from the Tacoma Dome and Portland Avenue station locations was evaluated similarly to intersections and driveways accessing pickup/drop-off areas perform acceptably, with an L.O.S. of C or higher for all options.

AM Peak Hour

The following section describes the traffic operations impacts to the Tacoma street network for the AM peak hour. The AM peak hour results are presented in Table 5-33. Operational details included in the operations tables include L.O.S., delay, and v/c ratio for the study intersections.

Impacts Common to All Alternatives in the Tacoma Segment

During the AM Peak Hour, four intersections would operate below standards in the No-Build Alternative (Intersections #9, #11, #12, and #33) and one additional intersection (Intersection #24) would operate below standard under all build alternatives. The five intersections that would operate below standard under any proposed Tacoma Dome Alternative with Portland Avenue Station locations include:

- I-705 Northbound Off-Ramp/E 26th Street (Intersection #9).
- East C Street/Tacoma Dome Parking Lot Driveway (Intersection #11).
- East C Street/E 26th Street (Intersection #12).
- East L Street/E Puyallup Avenue (Intersection #24).
- E Portland Avenue/E 26th Street (Intersection #33).

No further intersections would operate below standard in the AM peak hour for specific Tacoma Dome-Portland Avenue Station combinations, including with the Portland Avenue Span Station Option.

Table 5-33 2042 Traffic Operations – Tacoma Segment – AM Peak Hour

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			Tacoma 25th Street-West			Tacoma 25th Street-West-Portland Avenue Span			Tacoma 25th Street-East			Tacoma Close to Sounder			Tacoma 26th Street			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	
1	Pacific Avenue/ S 21st Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	31	0.72	C	34	0.73	C	33	0.73	C	32	0.73	C	32	0.73	C	33	0.73	3-10%
2	Pacific Avenue/ S 24th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	33	0.58	C	33	0.63	C	32	0.63	C	34	0.61	C	33	0.63	C	34	0.62	0-3%
3	Pacific Avenue/ S 25th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	24	0.56	C	23	0.57	C	22	0.57	C	23	0.60	C	22	0.61	C	24	0.62	0%
4	Pacific Avenue/ S Tacoma Way/S 26th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	21	0.65	C	23	0.72	C	22	0.72	C	24	0.72	C	23	0.72	C	25	0.74	5-19%
5	Pacific Avenue/ S 34th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8	0.53	A	8	0.53	A	8	0.53	A	8	0.53	A	8	0.53	A	8	0.53	0%
6	A Street/ S 24th Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	5	0.56	A	5	0.56	A	5	0.56	A	6	0.52	A	6	0.56	A	5	0.52	0-20%
7	A Street/ S 25th Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	A	9	0.40	B	10	0.42	B	10	0.42	B	10	0.42	B	11	0.42	B	10	0.40	11-22%
8	A Street/ S 26th Street/ E 26th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	A	4	0.50	A	5	0.53	A	4	0.53	A	5	0.54	A	5	0.53	A	5	0.55	0-25%
9	I-705 NB Off-Ramp/ E 26th Street	TWSC	WSDOT Highways of Statewide Significance (L.O.S. D)	***F***	***188***	***1.16***	***F***	***>200[5]***	***1.52***	***F***	***>200[5]***	***1.52***	***F***	***>200[5]***	***1.52***	***F***	***>200[5]***	***1.52***	***F***	***>200[5]***	***1.65***	6%
10	East C Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	C	20	0.49	C	20	0.50	C	20	0.50	C	20	0.49	C	24	0.51	C	21	0.72	0-20%
11	East C Street/ Tacoma Dome Parking Driveway[2]	TWSC	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***F***	***61***	***0.01***	***F***	***53***	***0.01***	***F***	***51***	***0.01***	***F***	***63***	***0.01***	***E***	***46***	***0.01***	***F***	***70***	***0.10***	***0-15%***
12	East C Street/ E 26th Street	TWSC	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***E***	***37***	***0.30***	***F***	***183***	***0.43***	***F***	***183***	***0.43***	***F***	***69***	***0.43***	***F***	***>200[5]***	***0.43***	***F***	***89***	***0.39***	***85->200%***
13	East D Street/ E Dock Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	6	0.40	A	7	0.42	A	7	0.42	A	7	0.42	A	8	0.42	A	6	0.42	0-33%
14	East D Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	19	0.78	C	22	0.84	C	22	0.84	C	20	0.83	C	24	0.84	B	18	0.82	0-26%
15	East D Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	22	0.54	C	22	0.83	C	23	0.83	C	21	0.56	C	24	0.83	B	17	0.56	0-9%
16	East D Street/ Tacoma Dome Parking Driveway	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	15	0.01	C	22	0.01	C	19	0.01	B	13	0.01	C	20	0.01	B	12	0.01	0-47%
17	East D Street/ E 26th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	13	0.63	C	32	0.73	C	27	0.73	B	14	0.72	C	29	0.73	B	16	0.74	8-146%
18	East D Street/ McKinley Way/ E Wiley Avenue	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8	0.06	A	8	0.06	A	9	0.06	A	8	0.06	A	9	0.06	A	8	0.16	0-13%
19	McKinley Way/ E 34th Street	AWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	9	0.46	A	9	0.51	A	9	0.51	A	8	0.51	A	8	0.51	A	9	0.51	0%
20	East E Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	6	0.56	A	6	0.56	A	6	0.56	A	5	0.59	A	6	0.56	A	5	0.56	0%

Table 5-33 2042 Traffic Operations – Tacoma Segment – AM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			Tacoma 25th Street-West			Tacoma 25th Street-West-Portland Avenue Span			Tacoma 25th Street-East			Tacoma Close to Sounder			Tacoma 26th Street			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	
21	East F Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	4	0.54	A	4	0.54	A	4	0.54	A	4	0.57	A	4	0.54	A	4	0.54	0%
22	East G Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8	0.59	B	10	0.65	B	10	0.65	B	13	0.61	B	10	0.65	B	10	0.69	25-63%
23	East G Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	C	21	0.44	B	11	0.60	B	12	0.60	C	20	0.60	B	14	0.63	B	11	0.44	0%
24	East L Street/ Puyallup Avenue	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	30	0.79	***F***	***60***	***1.22***	***F***	***72***	***1.37***	***F***	***63***	***1.23***	***F***	***60***	***1.23***	***F***	***55***	***1.23***	***83-140%***
25	East L Street/ E 26th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	6	0.04	A	7	0.04	A	6	0.07	A	6	0.04	A	6	0.04	A	6	0.04	0-17%
26	East L Street/ E Wiley Avenue/ E 27th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	6	0.18	A	6	0.24	A	6	0.24	A	6	0.24	A	6	0.24	A	6	0.24	0%
27	East L Street/ E 28th Street	Signal[3]	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	2	-	A	2	-	A	2	-	A	2	-	A	2	-	A	2	-	0%
28	East L Street/ E 34th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	3	0.24	A	9	0.28	A	8	0.28	A	9	0.28	A	9	0.28	A	9	0.28	167-200%
29	E Portland Avenue/ SR 509 WB On-Ramp	TWSC	WSDOT Highways of Statewide Significance (L.O.S. D)	A	6	-	A	6	-	A	6	-	A	6	-	A	6	-	A	6	-	0%
30	E Portland Avenue/ SR 509 EB Off-Ramp	Signal[3]	WSDOT Highways of Statewide Significance (L.O.S. D)	A	6	0.40	A	6	0.41	A	5	0.41	A	6	0.41	A	6	0.41	A	6	0.41	0%
31	E Portland Avenue/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	22	0.73	C	24	0.75	C	24	0.75	C	24	0.75	C	24	0.75	C	24	0.75	9%
32	E Portland Avenue/ E 25th Street/ E Bay Street	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	29	0.31	E	37	0.22	D	31	0.30	E	41	0.22	E	43	0.22	E	44	0.22	7-52%
33	E Portland Avenue/ E 26th Street	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***50***	***0.82***	***E***	***37***	***1.06***	***D***	***29***	***1.00***	***F***	***64***	***1.06***	***F***	***67***	***1.06***	***F***	***65***	***1.06***	***0-34%***
34	E Portland Avenue/ E 27th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	16	0.72	B	16	0.80	B	17	0.79	B	15	0.82	B	15	0.80	B	15	0.82	0-6%
35	E Portland Avenue/ E 28th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	18	0.72	C	25	0.80	C	24	0.79	C	24	0.82	C	25	0.80	C	21	0.82	17-39%
36	E Portland Avenue/ E 32nd Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	11	0.66	B	13	0.68	B	12	0.68	B	13	0.68	B	14	0.68	B	11	0.68	0-27%
37	E Bay Street/ SR 167 Access Ramps	Yield Control	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8	-	B	11	-	B	12	-	A	9	-	B	10	-	B	10	-	13-50%
38	E Bay Street/ E 27th Street/ I-5 SB Off-Ramp	Signal	WSDOT Highways of Statewide Significance (L.O.S. D)	B	15	0.60	B	15	0.64	B	14	0.64	B	14	0.64	B	15	0.64	B	14	0.64	0%

Table 5-33 2042 Traffic Operations – Tacoma Segment – AM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			Tacoma 25th Street-West			Tacoma 25th Street-West-Portland Avenue Span			Tacoma 25th Street-East			Tacoma Close to Sounder			Tacoma 26th Street			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	
39	East R Street/ E 28th Street/ I-5 NB On-Ramp	Signal	WSDOT Highways of Statewide Significance (L.O.S. D)	C	23	0.58	C	24	0.59	C	24	0.59	C	24	0.59	C	25	0.59	C	24	0.59	4-9%
40	East R Street/ E 30th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	5	0.19	A	5	0.19	A	5	0.19	A	5	0.19	A	5	0.19	A	5	0.19	0%
41	East R Street/ E 32nd Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	6	0.22	A	7	0.22	A	7	0.22	A	6	0.22	A	7	0.22	A	6	0.22	0-17%
42	East R Street/ E 29th Street	Roundabout	Tacoma (L.O.S. D) 0.89 v/c Ratio	-	-	0.24	-	-	0.24	-	-	0.24	-	-	0.24	-	-	0.24	-	-	0.24	0%
43	E Bay Street/River Road E (SR 167)/ Pioneer Way E	Signal	WSDOT Highways of Statewide Significance (L.O.S. D)	C	27	0.76	D	36	0.78	C	29	0.78	D	43	0.78	D	39	0.78	D	35	0.78	30-59%

Source: Parametrix

Notes:

(1) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility and may require mitigation.

(2) Worst movement at the intersection would serve less than 10 vehicles. With minimal minor-street vehicle movements arriving in random seeds, delays can vary at TWSC intersections in SimTraffic.

(3) Intersection would be converted from a TWSC to a traffic signal under the No-Build condition.

(4) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).

(5) Delay over 200 seconds is not accurately captured by traffic modeling, and estimated delay is limited to over 200 seconds reporting model results and calculating mitigation thresholds.

PM Peak Hour

The following section describes the traffic operations impacts to the Tacoma street network for the PM peak hour. The PM peak hour results are presented in Table 5-34**.** Operational details in the table include L.O.S., delay, and v/c ratio for the study intersections.

Impacts Common to All Alternatives in the Tacoma Segment

During the PM peak hour, 10 intersections would operate below standards in the No-Build Alternative (Intersections #9, #12, #30, #32, #33, #34, #37, #38, #39, and #43) and two additional intersections (Intersections #24 and #29) would operate below standard under all build alternatives. The 12 intersections that would operate below standard under any proposed Tacoma Dome Alternative with Portland Avenue Station locations scenario include:

- I-705 Northbound Off-Ramp/E 26th Street (Intersection #9).
- East C Street/E 26th Street (Intersection #12).
- East L Street/E Puyallup Avenue (Intersection #24).
- E Portland Avenue/SR 509 Westbound On-Ramp (Intersection #29).
- E Portland Avenue/SR 509 Eastbound Off-Ramp (Intersection #30).
- E Portland Avenue/E 25th Street (Intersection #32).
- E Portland Avenue/E 26th Street (Intersection #33).
- E Portland Avenue/E 27th Street (Intersection #34).
- E Bay Street/SR 167 Access Ramps (Intersection #37).
- E Bay Street/E 27th Street/I-5 Southbound Off-Ramp (Intersection #38).
- East R Street/E 28th Street/I-5 Northbound On-Ramp (Intersection #39).
- E Bay Street/River Road E (SR 167)/Pioneer Way E (Intersection #43).

No further intersections would operate below standard in the PM peak hour for specific Tacoma Dome-Portland Avenue station combinations, including with the Portland Avenue Span Station Option.

Table 5-34 2042 Traffic Operations – Tacoma Segment – PM Peak Hour

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			Tacoma 25th Street-West			Tacoma 25th Street West-Portland Avenue Span			Tacoma 25th Street- East			Tacoma Close to Sounder			Tacoma 26th Street			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	
1	Pacific Avenue/ S 21st Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	40	0.78	D	46	0.78	D	45	0.78	D	42	0.78	D	47	0.78	D	41	0.78	3-18%
2	Pacific Avenue/ S 24th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	33	0.68	C	31	0.69	C	33	0.69	C	35	0.70	C	32	0.69	C	34	0.69	0-6%
3	Pacific Avenue/ S 25th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	33	0.84	C	35	0.88	C	35	0.88	C	35	0.90	D	35	0.89	C	34	0.89	3-6%
4	Pacific Avenue/ S Tacoma Way/ S 26th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	25	0.72	C	27	0.77	C	27	0.77	C	26	0.77	C	27	0.77	C	28	0.79	4-12%
5	Pacific Avenue/ S 34th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	9	0.66	B	10	0.64	B	10	0.64	B	10	0.64	B	10	0.64	B	10	0.64	11%
6	A Street/ S 24th Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	8	0.67	A	8	0.67	A	8	0.67	B	11	0.69	A	8	0.67	A	8	0.65	0-38%
7	A Street/ S 25th Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	A	10	0.50	B	14	0.50	B	11	0.50	A	10	0.50	B	14	0.50	B	10	0.50	0-40%
8	A Street/ S 26th Street/ E 26th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	A	5	0.50	A	5	0.51	A	5	0.51	A	5	0.51	A	6	0.51	A	6	0.52	0-20%
9	I-705 NB Off-Ramp/ E 26th Street	TWSC	WSDOT Highways of Statewide Significance (L.O.S. D)	***F***	***59***	***0.49***	***F***	***>200[4]***	***0.56***	***F***	***>200[4]***	***0.56***	***F***	***128***	***0.56***	***F***	***>200[4]***	***0.56***	***F***	***>200[4]***	***0.61***	***117-239%***
10	East C Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	C	25	0.37	C	27	0.37	C	27	0.37	C	27	0.37	C	27	0.37	C	24	0.59	0-8%
11	East C Street/ Tacoma Dome Parking Driveway	TWSC	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	D	27	0.03	D	29	0.01	D	29	0.01	D	33	0.02	D	28	0.03	D	34	0.03	4-26%
12	East C Street/ E 26th Street	TWSC	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	***E***	***39***	***0.57***	***F***	***>200[4]***	***1.26***	***F***	***>200[4]***	***1.26***	***F***	***77***	***1.22***	***F***	***>200[4]***	***1.26***	***F***	***54***	***1.14***	***38->400%***
13	East D Street/ E Dock Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	7	0.56	A	7	0.58	A	7	0.58	A	7	0.58	A	7	0.58	A	10	0.58	0-43%
14	East D Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	17	0.65	B	11	0.74	C	21	0.74	C	20	0.72	B	20	0.74	C	21	0.69	0-24%
15	East D Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	31	0.42	C	27	0.64	C	26	0.64	C	33	0.43	C	27	0.65	B	15	0.60	0-6%

Table 5-34 2042 Traffic Operations – Tacoma Segment – PM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			Tacoma 25th Street-West			Tacoma 25th Street West-Portland Avenue Span			Tacoma 25th Street- East			Tacoma Close to Sounder			Tacoma 26th Street			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	
16	East D Street/ Tacoma Dome Parking Driveway	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	4	0.01	A	9	0.01	B	10	0.01	A	4	0.01	B	10	0.01	A	5	0.01	0-150%
17	East D Street/ E 26th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	12	0.77	D	37	0.96	D	37	0.96	B	12	0.87	D	37	0.96	C	22	0.93	0-208%
18	East D Street/ McKinley Way/ E Wiley Avenue	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	9	0.15	A	10	0.17	B	10	0.17	A	10	0.18	A	9	0.17	A	10	0.27	0-11%
19	McKinley Way/ E 34th Street	AWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	11	0.43	B	11	0.47	B	11	0.47	B	12	0.47	B	11	0.47	B	12	0.47	0-9%
20	East E Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	14	0.58	B	15	0.58	B	14	0.58	B	15	0.61	B	14	0.58	B	15	0.58	0-7%
21	East F Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	A	7	0.46	A	7	0.46	A	7	0.46	A	8	0.49	A	7	0.46	A	8	0.46	0-14%
22	East G Street/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	B	10	0.66	B	12	0.69	B	12	0.69	B	16	0.71	B	12	0.69	B	13	0.70	20-60%
23	East G Street/ E 25th Street	Signal	Tacoma – Arterial (L.O.S. D) 0.89 v/c Ratio	C	29	0.61	C	32	0.81	C	32	0.81	C	31	0.78	D	49	0.89	C	22	0.64	0-69%
24	East L Street/ Puyallup Avenue	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	E	39	0.38	***F***	***63***	***1.40***	***F***	***108***	***1.68***	***F***	***108***	***1.40***	***F***	***106***	***1.40***	***F***	***95***	***1.40***	***62-177%***
25	East L Street/ E 26th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	7	0.06	A	6	0.07	A	7	0.10	A	7	0.07	A	7	0.07	A	7	0.07	0%
26	East L Street/ E Wiley Avenue/ E 27th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	6	0.31	A	6	0.37	A	7	0.37	A	7	0.36	A	7	0.37	A	7	0.36	0-17%
27	East L Street/ E 28th Street	Signal[2]	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	2	0.23	A	1	0.19	A	1	-	A	1	0.19	A	1	0.19	A	1	0.19	0%
28	East L Street/ E 34th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	8	0.25	A	9	0.28	A	9	0.28	A	9	0.28	A	9	0.28	A	9	0.28	13%
29	E Portland Avenue/ SR 509 WB On-Ramp	TWSC	WSDOT Highways of Statewide Significance (L.O.S. D)	D	28	-	***F***	***85***	***-***	***F***	***52***	***-***	***F***	***57***	***-***	***F***	***57***	***-***	***F***	***79***	***-***	***86-204%***
30	E Portland Avenue/ SR 509 EB Off-Ramp	Signal[2]	WSDOT Highways of Statewide Significance (L.O.S. D)	***F***	***88***	***0.58***	***F***	***>200[4]***	***0.58***	***F***	***137***	***0.58***	***F***	***141***	***0.58***	***F***	***141***	***0.58***	***F***	***>200[4]***	***0.58***	***56-127%***
31	E Portland Avenue/ Puyallup Avenue	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	43	0.96	E	66	0.98	E	58	0.98	E	57	0.98	E	59	0.98	E	68	0.98	33-58%

Table 5-34 2042 Traffic Operations – Tacoma Segment – PM Peak Hour (continued)

I.D.	Intersection	Control Type	Agency (Standard)	No-Build			Tacoma 25th Street-West			Tacoma 25th Street West-Portland Avenue Span			Tacoma 25th Street- East			Tacoma Close to Sounder			Tacoma 26th Street			% Change in Seconds of Delay or V/C Ratio between Build Alternatives and No-Build Alternative
				L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	L.O.S.	Delay (sec/veh)	v/c ratio	
32	E Portland Avenue/ E 25th Street/ E Bay Street	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***>200[4]***	***0.91***	***F***	***>200[4]***	***0.94***	***F***	***>200[4]***	***0.93***	***F***	***>200[4]***	***0.94***	***F***	***>200[4]***	***0.94***	***F***	***>200[4]***	***0.94***	0%
33	E Portland Avenue/ E 26th Street	TWSC	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***158***	***0.39***	***F***	***>200[4]***	***0.39***	***F***	***>200[4]***	***0.37***	***F***	***>200[4]***	***0.39***	***F***	***120***	***0.39***	***F***	***>200[4]***	***0.39***	***0-27%***
34	E Portland Avenue/ E 27th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***E***	***66***	***0.73***	***F***	***102***	***0.80***	***F***	***83***	***0.78***	***F***	***82***	***0.80***	***F***	***89***	***0.80***	***F***	***92***	***0.80***	***24-55%***
35	E Portland Avenue/ E 28th Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	D	42	0.73	D	54	0.80	D	53	0.78	D	48	0.80	E	56	0.80	E	60	0.80	14-43%
36	E Portland Avenue/ E 32nd Street	Signal	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	C	25	0.84	C	28	0.86	C	25	0.86	C	26	0.86	C	26	0.86	C	28	0.86	0-12%
37	E Bay Street/ SR 167 Access Ramps	Yield Control	Tacoma – Arterial (L.O.S. E) 0.99 v/c Ratio	***F***	***>200[4]***	***-***	***F***	***>200[4]***	***-***	***F***	***>200[4]***	***-***	***F***	***>200[4]***	***-***	***F***	***>200[4]***	***-***	***F***	***>200[4]***	***-***	0%
38	E Bay Street/ E 27th Street/ I-5 SB Off-Ramp	Signal	WSDOT Highways of Statewide Significance (L.O.S. D)	***E***	***71***	***0.78***	***E***	***66***	***0.82***	***E***	***66***	***0.82***	***E***	***66***	***0.82***	***E***	***70***	***0.82***	***E***	***68***	***0.82***	0%
39	E Bay Street/ E 28th Street/ I-5 NB On-Ramp	Signal	WSDOT Highways of Statewide Significance (L.O.S. D)	***F***	***96***	***0.85***	***F***	***103***	***0.87***	***F***	***103***	***0.87***	***F***	***99***	***0.87***	***F***	***104***	***0.87***	***F***	***106***	***0.87***	3-10%
40	East R Street/ E 30th Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	A	7	0.36	A	7	0.36	A	7	0.36	A	7	0.36	A	9	0.36	A	7	0.36	0-29%
41	East R Street/ E 32nd Street	TWSC	Tacoma (L.O.S. D) 0.89 v/c Ratio	B	15	0.51	B	13	0.51	B	13	0.51	B	14	0.51	C	16	0.51	C	19	0.51	0-27%
42	East R Street/ E 29th Street	Roundabout	Tacoma (L.O.S. D) 0.89 v/c Ratio	-	-	0.53	-	-	0.53	-	-	0.53	-	-	0.53	-	-	0.53	-	-	0.53	0%
43	E Bay Street/River Road E (SR 167)/ Pioneer Way E	Signal	WSDOT Highways of Statewide Significance (L.O.S. D)	***F***	***86***	***0.65***	***F***	***163***	***0.68***	***F***	***>200[4]***	***0.68***	***F***	***156***	***0.68***	***F***	***>200[4]***	***0.68***	***F***	***158***	***0.68***	***81-133%***

Source: Parametrix

Notes:

(1) Cells highlighted in ***gray bold and italicized*** identify intersections that operate below the L.O.S. standard for the facility and may require mitigation.

(2) Intersection would be converted from a TWSC to a traffic signal under the No-Build condition.

(3) The column summarizing the percent change in either seconds of delay or V/C ratio between the No-Build Alternative and the build alternatives was included because 10 percent is the mitigation threshold when neither scenario would meet agency standards. This is described in more detail in Chapter 8 (Potential Mitigation Measures).

(4) Delay over 200 seconds is not accurately captured by traffic modeling, and estimated delay is limited to over 200 seconds reporting model results and calculating mitigation thresholds.

5.4 Freight Mobility and Access

The following sections describe the effects of the No-Build and build alternatives on freight mobility and access within the TDLE study area. Key findings and comparisons between build alternatives include the following:

- The completion of SR 167 and corresponding extension to I-5 from Puyallup is anticipated to remove a portion of the truck traffic that currently accesses the Port of Tacoma from roadways such as Pacific Highway, 20th Street E, and E Portland Avenue.
- None of the proposed TDLE build alternatives would affect truck circulation or change truck route designations on the regional and local street system, except for the Fife Median Alternative. While the elevated structure would not affect any turning movements at any major intersections along Pacific Highway, including Port of Tacoma Road, Alexander Avenue E, and 54th Avenue E, the median would prohibit left turns at some midblock intersections and driveways. Larger trucks that previously accessed business driveways from the existing two-way left-turn lane may be required to approach affected businesses using routes that do not require left turns.

5.4.1 No-Build Alternative

Freight mobility and access are expected to improve under the No-Build Alternative compared with existing conditions because the SR 167 Completion Project would create a new regional highway connection to/from I-5 within the TDLE study area. This new highway facility would improve freight mobility between major freight activity centers, such as the Port of Tacoma, when completed and would be a major freight route.

This highway extension project is planned to be completed by 2028. Within the study area, the SR 167 Completion Project is anticipated to remove some of the truck traffic that currently accesses the Port of Tacoma via I-5, Pacific Highway, or 20th Street E because the new highway would allow freight traffic to travel directly to SR 509. The project would also be anticipated to remove freight traffic from E Portland Avenue in Tacoma because the managed-access segment of SR 167 that currently continues to E Portland Avenue would no longer operate as SR 167. Overall, this SR 167 extension would increase north-south and east-west freight mobility in the TDLE study area. In addition to the SR 167 Completion Project, both the I-5/Port of Tacoma Road Interchange and I-5/54th Avenue Interchange planned improvements would improve freight travel because interchange improvements would reduce congestion through both interchanges. Even with these major planned background projects, roadway congestion would continue to occur along some freight corridors as traffic volumes increase in the TDLE study area.

In the Tacoma Segment, the City of Tacoma has planned improvements specifically for Freight Access along E Portland Avenue. These include the Portland Avenue Freight Access Improvement Project, which includes the installation of a traffic signal at the SR 509 Off-Ramp/E Portland Avenue intersection, along with the reconfiguration of an additional northbound left-turn lane at E Portland Avenue/E 27th Street while reducing two northbound through lanes down to one through the interchange area. This improvement would also include an additional southbound through lane at the intersection of E Portland Avenue/E 27th Street that would extend to E Portland Avenue/E 26th Street.

Other changes in Tacoma include the multimodal planned improvements along Puyallup Avenue, which includes converting one eastbound travel lane to a transit-only lane. This would add some vehicle delay and congestion to Puyallup Avenue, although freight traffic that previously used this section of Puyallup Avenue could utilize other freight roadways, including SR 509 or I-5, to reach their destinations.

5.4.2 Impacts Common to All Build Alternatives

With construction of the TDLE build alternatives, truck traffic would still be expected to use the designated freight facilities. The distribution of trucks on I-5, Pacific Highway, SR 167, Port of Tacoma Road, E Portland Avenue, and other major freight routes in the study area would be similar to the No-Build conditions.

Because the build alternatives would be either grade-separated or travel in an exclusive light rail guideway outside the roadway travel lanes, freight mobility and access would be similar to automobile mobility and access.

5.4.3 Federal Way Segment

This section discusses the freight mobility and access changes associated with the alternatives in the Federal Way Segment.

5.4.3.1 Federal Way Enchanted Parkway Alternative

The Preferred FW Enchanted Parkway Alternative would be elevated above existing roadways from its connection to the Federal Way Link Extension to the South Federal Way Segment. Since the track would not have at-grade crossings and would be on grade-separated guideway, freight traffic and access would be similar to automobile mobility. While some increases in traffic are anticipated with the construction of stations further south, this would not affect truck circulation and truck route designations. The guideway and columns are not anticipated to have any permanent impacts to loading areas.

5.4.4 South Federal Way Segment

This section discusses the freight mobility and access changes associated with the alternatives in the South Federal Way Segment.

5.4.4.1 South Federal Way Enchanted Parkway Alternative

The SF Enchanted Parkway Alternative station would be located just south of S 348th Street along SR 161. The track would be elevated above existing roadways and would not have any at-grade crossings in the South Federal Way Segment. Because this build alternative would be grade-separated and in an exclusive light rail guideway outside the roadway travel lanes, freight mobility and access would be similar to automobile mobility and access. While roadway traffic on SR 161 is anticipated to increase with the construction of the station, the station location would not affect truck circulation or change truck route designations on the regional and local street system. The SF Enchanted Parkway Alternative would permanently impact some loading areas for private businesses along the west side of Enchanted Parkway.

5.4.4.2 South Federal Way I-5 Alternative

The SF I-5 Alternative would be set back from SR 161 and other Federal Way roads but would be close to the I-5 southbound off-ramp to SR 161. The South Federal Way I-5 Alternative would add right-in, right-out driveways to SR 161 and to S 356th Street, connecting to the future constructed off-ramp intersections. While roadway traffic on SR 161 is anticipated to increase with the construction of the station, the station location would not affect truck circulation or change truck route designations on the regional and local street system.

5.4.4.3 South Federal Way 99-East Alternative

The SF 99-East Alternative would have an approximately 2-mile stretch of guideway along the east side or in the median of Pacific Highway. The track would be elevated exclusive light rail guideway. From S 356th Street to S 373rd Street, the guideway would travel along the east side of Pacific Highway, with some changes to driveways on that side of the roadway to maintain safe access to properties on the east side of the roadway. Between S 373rd Street and 70th Avenue E, the SF 99-East Alternative would be in the median of Pacific Highway and left-turn movements at intersections and to access businesses along both sides of Pacific Highway would be restricted. While traffic along Pacific Highway is expected to increase, the SF 99-East Alternative and SF 99-352nd Station would not affect truck circulation or change truck route designations.

5.4.4.4 South Federal Way 99-West Alternative

The SF 99-West Alternative would have an approximately 2-mile stretch of guideway along the west side of Pacific Highway. The track would be elevated exclusive light rail guideway, but because of the proximity to the roadway, freight access along the corridor would be affected. The SF 99-West Alternative would modify access points to properties on the west side of the roadway with the guideway, columns, and roadway improvements. While traffic along Pacific Highway is expected to increase, the SF 99-West Alternative and SF 99-352nd Station would not affect truck circulation or change truck route designations.

5.4.5 Fife Segment

This section discusses the freight mobility and access changes associated with the alternatives in the Fife Segment.

5.4.5.1 Fife Pacific Highway Alternative

The Fife Pacific Highway Alternative would include an elevated structure along the south side of Pacific Highway E, just west of the preferred Fife Station location. Because this alternative would be either grade-separated or in an exclusive light rail guideway outside the roadway travel lanes, freight mobility and access would be similar to automobile mobility and access. No proposed roadway network changes to Pacific Highway E or other Port of Tacoma access roadways are included with the Fife Pacific Highway Alternative; intersection channelization would be similar to that of the No-Build condition. Therefore, the proposed alignment would not affect truck circulation or change truck route designations on the regional and local street system.

Freight access and loading for some businesses adjacent to 13th Street E may require modification to accommodate the guideway and station. Permanent impacts to freight access and mobility would be similar for the Fife Station and the 54th Avenue Design Option, but the

54th Span Design Option would not have freight impacts along 13th Street E. 54th Avenue E is a major access point for freight to and from the Port of Tacoma. Continued maintenance of the of the guideway over 54th Avenue E would require some temporary partial closures of 54th Avenue E, and partial closures would be more frequent or longer in duration for the 54th Span Design Option with a station platform that spans the roadway.

5.4.5.2 Fife Median Alternative

The Fife Median Alternative would have an elevated structure that would bisect the current channelization of Pacific Highway E from 34th Avenue E to Willow Road E.

The elevated structure would not affect any turning movements at major intersections along Pacific Highway, including Port of Tacoma Road, Alexander Avenue E, and 54th Avenue E. The median would prohibit left turns at some midblock driveways. U-turn facilities provided at major intersections could be used by smaller trucks. However, larger trucks may be required to approach affected businesses using a route that does not require left turns. This is possible because there are full-access I-5 interchanges at each end of the affected segment. The Fife Median Alternative would have a greater effect on freight compared with the Fife Pacific Highway or Fife I-5 alternatives because of adjacent property access limitations.

Freight access and loading for some businesses adjacent to 13th Street E may require modification to accommodate the guideway and station. Permanent impacts to freight access and mobility would be similar for the Fife Station and 54th Avenue Design Option, but the 54th Span Design Option would not have freight impacts along 13th Street E. 54th Avenue E is a major access point for freight to and from the Port of Tacoma. Continued maintenance of the of the guideway over 54th Avenue E would require some temporary partial closures of 54th Avenue E, and partial closures would be more frequent or longer in duration for the 54th Span Design Option with a station platform that spans the roadway.

5.4.5.3 Fife I-5 Alternative

The Fife I-5 Alternative would be the farthest south of Pacific Highway E and adjacent to I-5. The alignment would be elevated for the entire section of guideway near I-5 and would not include any associated roadway network changes. The proposed alignment would not affect truck circulation or change truck route designations on the regional and local street system.

Freight access and loading for some businesses adjacent to 13th Street E may require modification to accommodate the guideway and station. Permanent impacts to freight access and mobility would be similar for the Fife Station and the 54th Avenue Design Option, but the 54th Span Design Option would not have freight impacts along 13th Street E. 54th Avenue E is a major access point to for freight to and from the Port of Tacoma. Continued maintenance of the of the guideway over 54th Avenue E would require some temporary partial closures of 54th Avenue E and partial closures would be more frequent or longer in duration for the 54th Span Design Option with a station platform that spans the roadway.

5.4.6 Tacoma Segment

This section discusses the freight mobility and access changes associated with the alternatives in the Tacoma Segment.

5.4.6.1 Impacts Common to All Tacoma Segment Build Alternatives

All Tacoma Segment build alternatives would include the same Portland Avenue Station as well as the Portland Avenue Span Station Option.

The Preferred Tacoma Portland Avenue Alternative would maintain an elevated track crossing above E Portland Avenue near E 26th Street. E Portland Avenue is an access point to the Port of Tacoma and is considered a T-2 freight access corridor. The proposed alignment and station location would not affect channelization on E Portland Avenue compared with No-Build conditions. Pickup/drop-off access would be via E Portland Avenue, E 26th Street, and E 27th Street, with the latter two being right-in, right-out. While traffic volumes on E Portland Avenue would be anticipated to increase from No-Build conditions with the construction of the station and pickup/drop-off trips accessing the station, the station location would not affect truck circulation or change truck route designations on the regional and local street system.

Similar to the Preferred Tacoma Portland Avenue Alternative, the Tacoma Portland Avenue Span Alternative would maintain an elevated track above E Portland Avenue and cross near E 26th Street. The Span alternative would remove the previously noted access to E 27th Street and would be replaced with a second E 26th access just west of E Portland Avenue. The proposed alignment would not affect channelization on E Portland Avenue, nor would the station location alter E Portland Avenue from No-Build conditions. While roadway traffic on E Portland Avenue would be anticipated to increase from No-Build conditions with the construction of the station and pickup/drop-off trips accessing the station, the station location would not affect truck circulation or change truck route designations on the regional and local street system.

A nonmotorized overcrossing of I-5, referred to as the optional Portland Avenue bike and pedestrian bridge, could be provided between the station and the area south of I-5 in the vicinity of either East R Street or E Portland Avenue. This optional bike and pedestrian bridge would not impact freight movement as it would be grade-separated from all roadways. WSDOT standards would be met for clearances over I-5.

None of the build alternatives in the Tacoma Segment would impact Tacoma Rail freight rail operations.

5.4.6.2 Tacoma 25th Street-West Alternative

The Preferred Tacoma 25th Street-West Alternative currently includes an elevated structure that would be above E 25th Street near the Tacoma Dome with access from E 25th Street. As E 25th Street is not a designated freight route, the station location and proposed alignment would not affect truck circulation or change truck route designations on the regional and local street system.

5.4.6.3 Tacoma 25th Street-East Alternative

The Tacoma 25th Street-East Alternative currently includes an elevated structure that would be above E 25th Street near the Tacoma Dome with pickup/drop-off access along East G Street and E McKinley Avenue. As E 25th Street, East G Street, and E McKinley Avenue are not designated freight routes, the station location and alignment would not affect truck circulation or change truck route designations on the regional and local street system.

5.4.6.4 Tacoma Close to Sounder Alternative

The Tacoma Close to Sounder Alternative would have an elevated structure and would also be offset to the south of E 25th Street. E 25th Street would experience minor channelization changes with the Close to Sounder Alternative, but no other street network changes would be incorporated. Similar to the Tacoma 25th Street West Alternative, pickup/drop-off access would be via E 25th Street. As E 25th Street is not a designated freight route, the station location would not affect truck circulation or change truck route designations on the regional and local street system.

5.4.6.5 Tacoma 26th Street Alternative

The Tacoma 26th Street Alternative would also maintain an elevated track above E 26th Street in the study segment. While S Tacoma Way is a T-3 freight route in the study segment, E 26th Street is not designated a freight route. As alternatives west of Tacoma Dome Station are not considered in this evaluation, the station location would not affect truck circulation or change truck route designations on the regional and local street system.

5.5 Nonmotorized Access

This section discusses the future nonmotorized conditions (year 2042) for the No-Build Alternative and the anticipated nonmotorized conditions for the build alternatives. The analysis includes future pedestrian and bicycle facilities, nonmotorized trip activity at stations, and pedestrian facility (crosswalks and sidewalks) operations (L.O.S.). Key findings and comparisons for the No-Build and build alternatives include the following:

- With the No-Build Alternative, pedestrian and bicycle activities would have a modest increase due to new developments, new pedestrian and bicycle facilities, and/or a mode shift to walking and bicycling.
- TDLE build alternatives would increase the number of pedestrians and bicyclists around stations.
- The TDLE guideway would not create barriers to nonmotorized travel because it would be elevated where it would cross public streets and private driveways or property access.
- For the South Federal Way, Fife, and Portland Avenue stations, I-5 is a major barrier to walking and bicycle activity and could prevent, inhibit, or discourage using nonmotorized modes to access stations. Other major roads, including Pacific Highway, S 348th Street, Enchanted Parkway, 54th Avenue E, and E Portland Avenue, have high traffic volumes and higher vehicle speeds, and are wider roadways with longer pedestrian crossings. These characteristics can be uncomfortable for pedestrians and bicyclists to access the station.
- The station near the Tacoma Dome would have the highest nonmotorized activity (all pedestrians and bicyclists traveling to and from the station as well as within the station for mode transfers) during the PM peak period (7,200 persons). The Portland Avenue Station would have the lowest nonmotorized activity (800 persons) during the PM peak period.
- Pedestrian L.O.S. for intersections and sidewalks near the stations would be acceptable (between L.O.S. A and C). However, there would be some intersections and sidewalk segments that would exceed L.O.S. C.
- Sound Transit would provide pedestrian and bicycle improvements at stations to safely accommodate the projected increase in pedestrian and bicycle travel associated with TDLE in accordance with Sound Transit System Access Policy.

5.5.1 Pedestrian Trip Generation

For the No-Build Alternative, future pedestrian volumes were developed at the study area intersections from the existing data and population and employment growth forecasts surrounding each station area.

For the build alternatives, the number of pedestrians within a station area is based on an estimate of the number of nonmotorized users accessing the station that would walk to or from the following:

- A park-and-ride facility.
- A passenger drop-off/pickup area.
- A transit transfer area (bus to bus, bus to rail).
- Surrounding land uses.

AM and PM peak period mode of access information for each TDLE station was obtained from the Sound Transit Ridership Model. PM peak period information was used because ridership and pedestrian volumes are higher than the AM peak period. Trips were distributed between the platforms and the facilities listed above within and surrounding the station area. Nonmotorized trips were distributed to and from each station based on an assessment of adjacent land uses and an estimate of where nonmotorized-based trips would be generated. These trips were added to the No-Build pedestrian forecasts to estimate the pedestrian activity at each of the stations for the build alternatives.

5.5.2 Pedestrian Level of Service

Pedestrian L.O.S. was evaluated for intersections within approximately 350 feet of the stations as well as street segments within a mile radius. The L.O.S. analysis was conducted using the *Highway Capacity Manual, 6th Edition* (Transportation Research Board [TRB] 2016) methodology. For intersections, each crosswalk and holding area (corner) is evaluated separately. For sidewalk segments, each side of the street between cross streets was evaluated, including streets without existing sidewalks.

The intersection L.O.S. analysis focused on four components of the pedestrian experience for the No-Build and build alternatives during the PM peak hour:

- Intersection corner circulation area.
- Crosswalk circulation area.
- Pedestrian delay.
- Pedestrian L.O.S. score.

The first two components are based on the concept of circulation area and describe the space available to pedestrians. The first element focuses on the amount of area provided to pedestrians while they wait at an intersection corner. The other measure focuses on the experience while walking within the crosswalk. A larger area for each of these is desirable from a pedestrian perspective. As the volume of pedestrians increases, the area available for maneuverability and comfort decreases. For these two measures of effectiveness, the *Highway Capacity Manual* recommends a circulation area of 60 square feet or greater per pedestrian, representing the ability of pedestrians to move at desired speeds. At 60 square feet of circulation area or less, speed and the ability to pass slower pedestrians become more

restricted. As circulation area decreases, speed is severely restricted and contact with other pedestrians is frequent. This is typical of dense urban areas.

The third component analyzed, pedestrian delay, is a measure of the average number of seconds of delay at a crosswalk. Pedestrian delay is determined by the walk time serving a crosswalk and the intersection cycle length. The *Highway Capacity Manual* recommends pedestrian delays of less than 30 seconds; delays above that could contribute to pedestrian noncompliance.

The last component analyzed for intersections, the pedestrian L.O.S. score, is an indication of the typical pedestrian's perception of the overall crossing experience and was analyzed for each crosswalk leg of signalized intersections. This score considers the number of travel lanes crossed, motorized vehicle speed, average pedestrian delay, motorized vehicle volumes, and number of right-turn channelizing islands.

The pedestrian L.O.S. for both intersections and street segments is assigned a grade, A through F, that is intended to correspond to pedestrians' perceived comfort that a facility provides. A grade of A represents a high level of comfort, while a grade of F represents a low level of comfort.

For sidewalk segments, pedestrian L.O.S. focused on the following components:

- Motorized vehicle speed.
- Width of sidewalk.
- Motorized vehicle volumes.
- Width of roadway shoulder.
- Number of through lanes adjacent to sidewalk.
- Bicycle facility width adjacent to sidewalk.
- Striped parking lane width adjacent to sidewalk.
- Buffer width between pavement edge or curb and sidewalk.

Traffic counts were used to establish the baseline data for vehicle volumes and speeds to evaluate pedestrian L.O.S., with some assumptions made for turning vehicle volumes in specific signal phases. These factors are part of a widely used equation to calculate a numerical value for pedestrian segment L.O.S. that can then be converted to a grade from A through F. Similar to pedestrian segment L.O.S., a pedestrian intersection L.O.S. grade of A represents a high level of comfort, while a grade of F represents a low level of comfort. Pedestrian L.O.S. at the planned five-leg roundabout intersection of Enchanted Parkway, S 356th Street, and 16th Avenue S was not evaluated, since the *Highway Capacity Manual, 6th Edition* methodologies for pedestrian L.O.S. at intersections do not apply to roundabouts. Results of both pedestrian segment and intersection L.O.S. are described for each of the build alternatives in the following sections.

5.5.3 No-Build Alternative

Future pedestrian and bicycle facilities expected to exist in the study area under No-Build Alternative are shown on Figures 5-20 through 5-25. Planned facilities with identified construction funding were included in the analysis. Pedestrian facilities were inventoried and evaluated within a mile radius, and bicycle facilities were inventoried within a 3-mile radius of the station locations. In each of the station areas, there are some proposed facilities included in

regional and local agency plans. Regional nonmotorized facilities expected to be constructed in the study area by 2042 include:

- spuyaləpabš Trail (formerly called the Tacoma to Puyallup Regional Trail) including the portion constructed by the SR 167 completion project to be completed by WSDOT is funded through construction.
- Sidewalk improvements along the south side of E 25th Street adjacent to the T Line Operations and Maintenance Facility. This project is funded through construction.
- Puyallup River Front Trail along the Puyallup River for the entire length of the City of Fife to be completed by the City of Fife, with a completion year of 2025. This project is not currently funded for construction.
- Pipeline Trail along N Levee Road between I-5 and 140th Street E to be completed by Pierce County, with a completion year of 2040. This project is not currently funded for construction.
- Water Flume Line Trail Phase 3 along South Tacoma Way between South M Street and S Pine Street to be constructed in two phases between 2023 (Phase 3A) and 2024 (Phase 3B). This project is fully funded for construction and would be completed by the City of Tacoma.
- Bicycle Lanes on Puyallup Avenue between E Portland Avenue and South C Street to be completed by the City of Tacoma, with a completion year of 2023. This project is not currently funded for construction.
- Trail to the Mountain Shared-Use Path on City of Tacoma-owned rail line between E 11th Street and the entrance of Mount Rainier to be completed by the City of Tacoma, with a completion year of 2040. This project is not currently funded for construction.
- Improved Sidewalk and/or Shared-Use Path on E Portland Avenue between E 28th Street and E 11th Street to be completed by the City of Tacoma, with a completion year of 2026. This project is not currently funded for construction.
- Tacoma Dome Station Access Improvements to be completed by Sound Transit, with a completion year of 2023. This project is funded but undefined. It is expected that potential access improvements would be identified as part of TDLE.
- Schuster Parkway Promenade Phase 1 Multiuse Path on Schuster Parkway between S 4th Street and N 30th Street to be completed by the City of Tacoma, with a completion year of 2023. This project is not currently funded for construction.
- Green River Trail Phases 3, 4, and 5 along the banks of the Green River between 86th Avenue S in Kent and SE Green Valley Road at Flaming Geyser State Park to be completed by King County. This project is not currently funded for construction.
- Historic Water Ditch Trail Phase III along S Tacoma Way between South M Street and S Pine Street to be completed by the City of Tacoma. This project is not currently funded for construction.
- SR 18 Trail (Auburn to Snoqualmie Trail) along SR 18 between the Interurban Trail in Auburn to the Redmond Ridge Trail north of I-90 to be completed by King County. This project is not currently funded for construction.
- A multiuse path along the north side of Stewart Road/8th Street E between Valentine Avenue E and Butte Avenue to be completed by the City of Pacific. This project is not currently funded for construction.
- A multiuse path along the north side of Stewart Road/8th Street E across the White River to be completed by the City of Sumner. This project is not currently funded for construction.

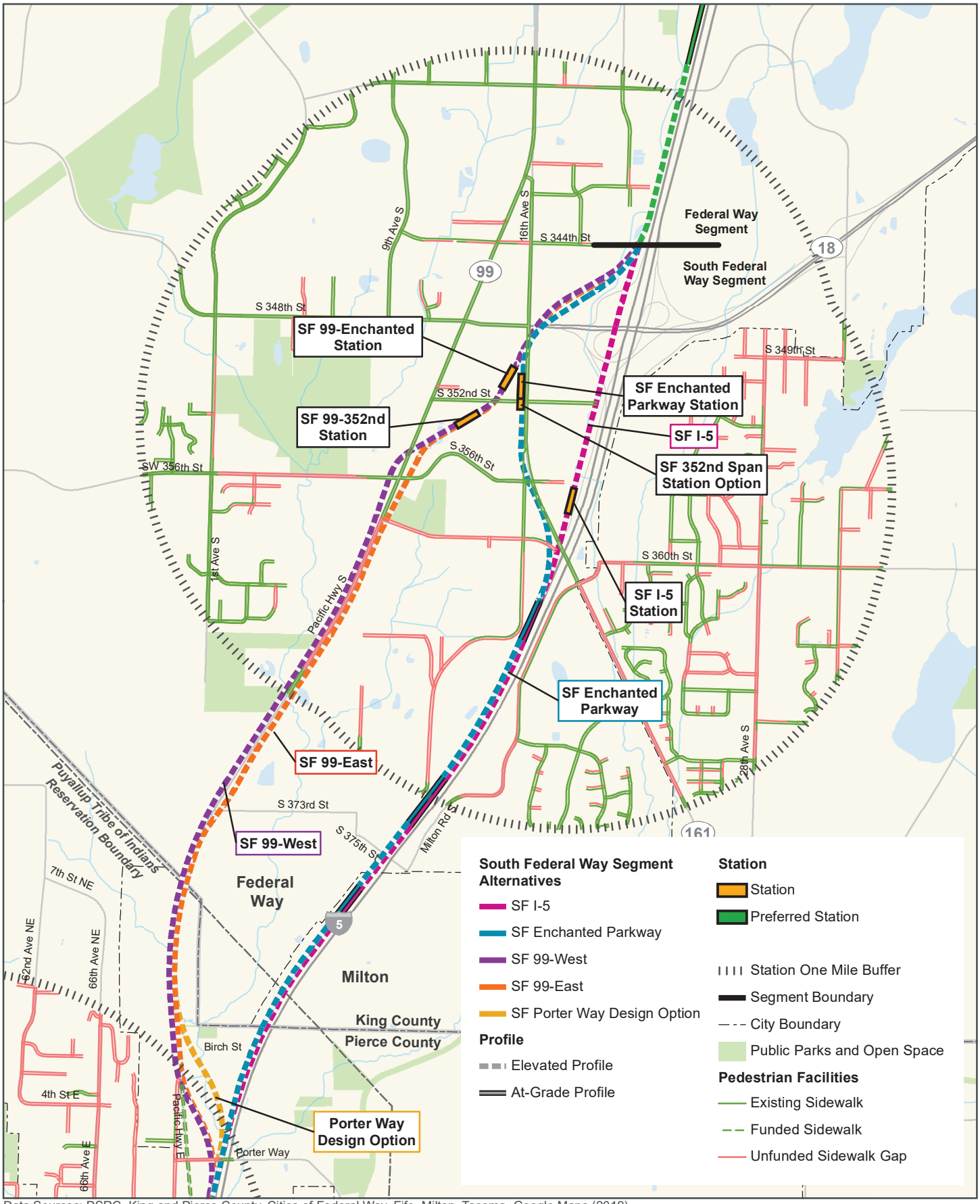

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Google Maps (2019).

N

0 0.5 1 Mile

FIGURE 5-20

Existing and Funded Pedestrian Facilities within One Mile of Station Alternatives South Federal Way Segment

Tacoma Dome Link Extension

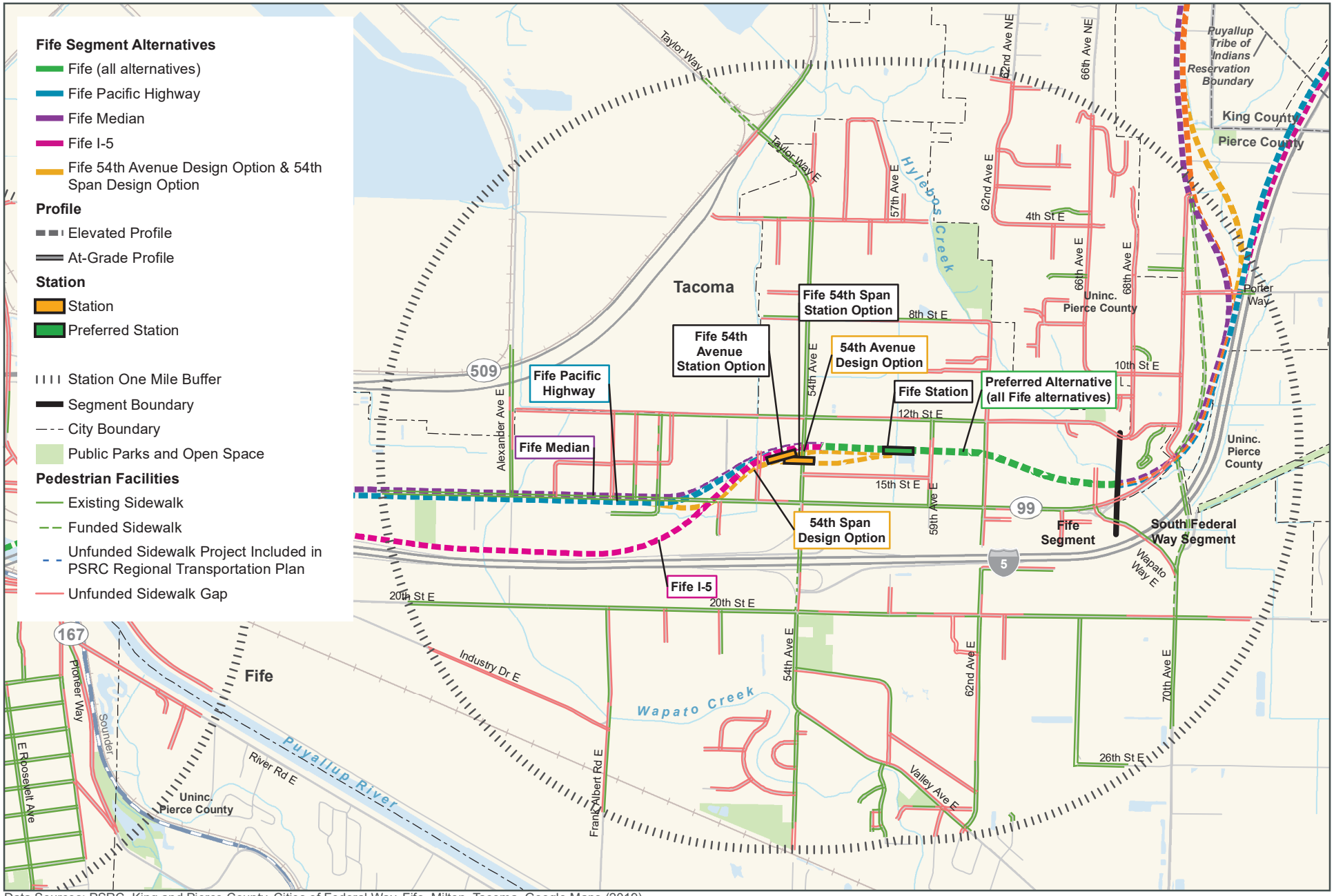

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Google Maps (2019).

N

0 0.5 1 Mile

FIGURE 5-21

Existing and Funded Pedestrian Facilities within One Mile of Station Alternatives
Fife Segment

Tacoma Dome Link Extension

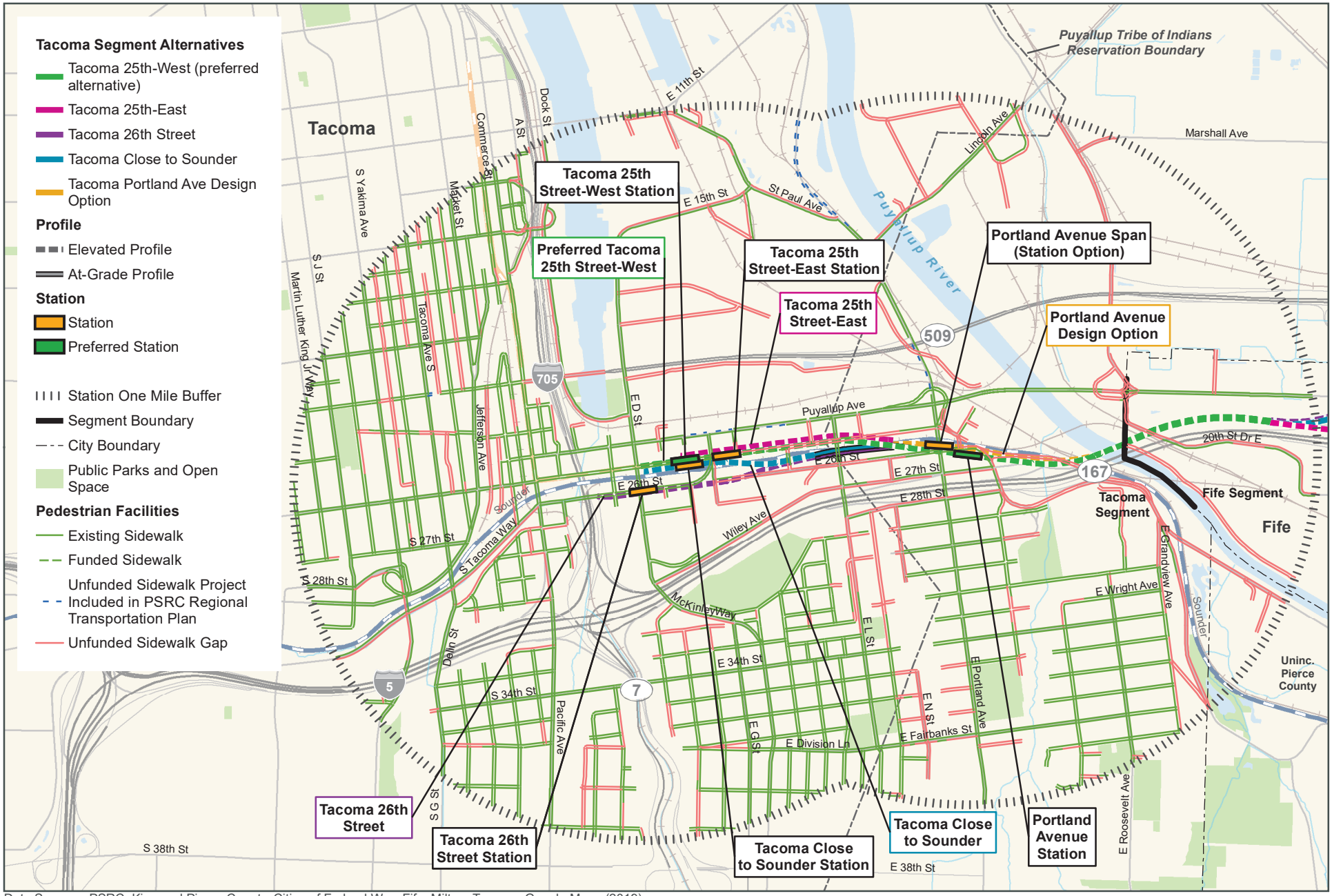

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Google Maps (2019).

FIGURE 5-22

Existing and Funded Pedestrian Facilities within One Mile of Station Alternatives
Tacoma Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

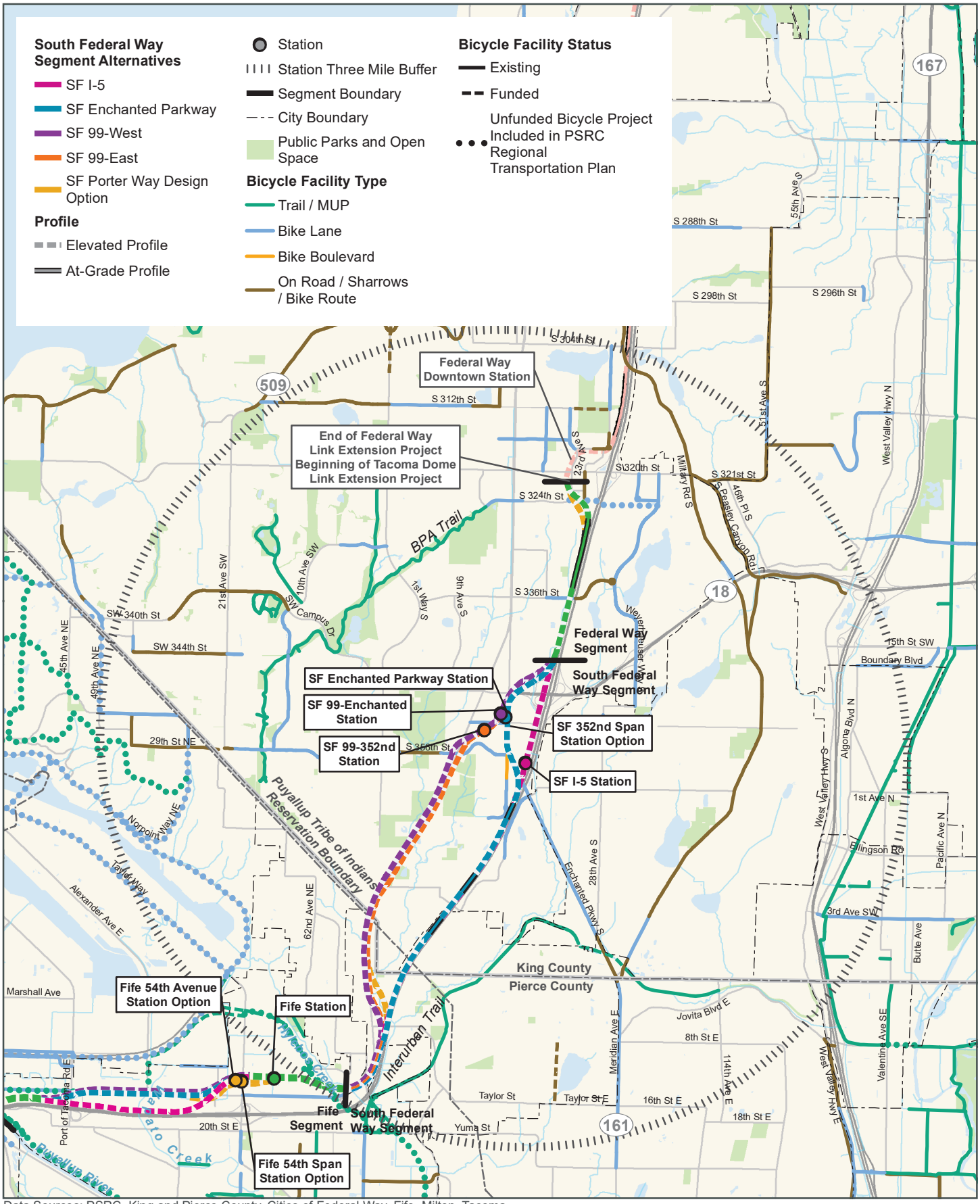

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Edgewood, Fircrest, University Place, Puyallup, Pacific, Algona, Auburn, Sumner, Google Maps (2019).

N

0 1 2 Miles

FIGURE 5-23

Existing and Funded Bicycle Facilities within Three Miles of Station Alternatives South Federal Way Segment

Tacoma Dome Link Extension

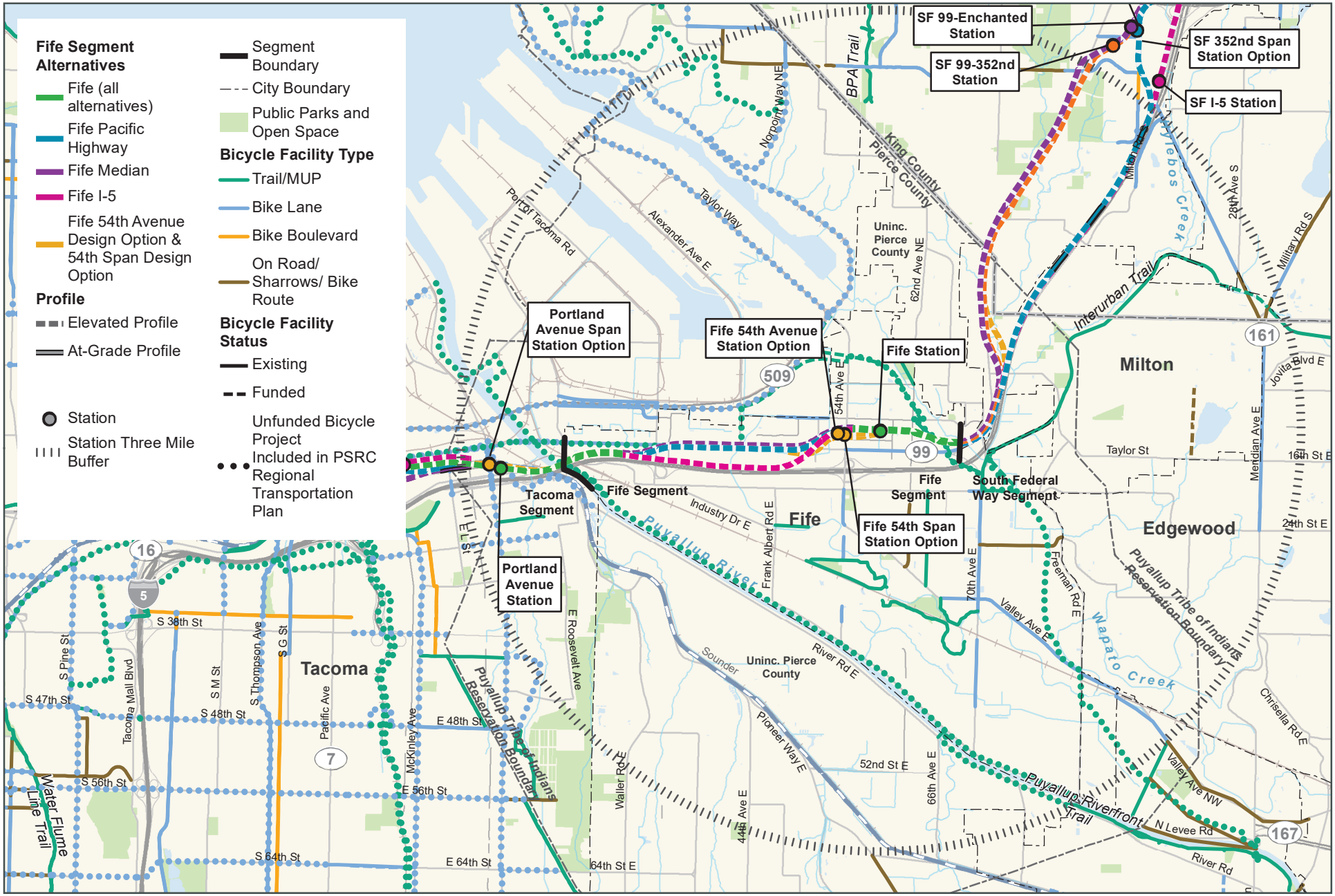

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Edgewood, Fircrest, University Place, Puyallup, Pacific, Algona, Auburn, Sumner, Google Maps (2019).

FIGURE 5-24

Existing and Funded Bicycle Facilities within Three Miles of Station Alternatives
Fife Segment

Tacoma Dome Link Extension

N

0 1 2 Miles

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma, Edgewood, Fircrest, University Place, Puyallup, Pacific, Algona, Auburn, Sumner, Google Maps (2019).

FIGURE 5-25

Existing and Funded Bicycle Facilities within Three Miles of Station Alternatives
Tacoma Segment

N

0 1 2 Miles

Tacoma Dome Link Extension

- Bicycle lanes along a new section of S 324th Street between 23rd Avenue S and Weyerhaeuser Way S to be completed by the City of Federal Way. This project is not currently funded for construction.
- Bicycle lanes along S 272nd Street between Pacific Highway S and Military Road S to be completed by the City of Kent. This project is not currently funded for construction.
- Nonmotorized improvements within the Brewery District Roadway Improvement project area, bounded by Pacific Avenue, Jefferson Avenue, S 19th Street, and S 25th Street, to be completed by the City of Tacoma. This project is not currently funded for construction.
- Nonmotorized improvements within the MLK Mixed Use Center Complete Streets Improvement Project, bounded by MLK Jr Way, East J Street, Division Avenue, and S 25th Street, to be completed by the City of Tacoma. This project is not currently funded for construction.

Some sidewalks and crosswalks in the station areas could be out of compliance with ADA standards in 2042.

Nonmotorized volumes are expected to increase throughout the study area from land use and development changes, construction of new nonmotorized facilities, and users shifting from other travel modes. It is expected that nonmotorized trips would grow by approximately 11.5 percent from existing conditions by 2042. Nonmotorized travel patterns are expected to be similar to Affected Environment conditions.

5.5.3.1 Federal Way and South Federal Way Segments

Pedestrian volumes would not exceed the available capacity for intersections and crosswalks in the station areas under the No-Build condition; however, pedestrians would experience average delays in excess of 30 seconds at all crosswalks.

The pedestrian L.O.S. for most study intersections in the South Federal Way Segment would operate at L.O.S. C or better, shown on Figure 5-26. There would be one location that would be expected to operate at L.O.S. D in the future: the east crosswalk leg of the of Enchanted Parkway S/S 348th Street intersection (SF Intersection #4). The east crosswalk leg is expected to operate at L.O.S. D because of the number of travel lanes crossed, vehicular speeds east of Enchanted Parkway S, and high traffic volumes. Pedestrian L.O.S. at the intersection of Enchanted Parkway, S 356th Street and 16th Avenue South, planned for reconstruction as a two-lane roundabout was not evaluated, as the *Highway Capacity Manual* pedestrian methodologies do not include roundabouts.

Most street segments within a mile of the station areas would also be expected to operate at pedestrian L.O.S. C or better, as shown on Figure 5-27, due to the presence of sidewalks, low vehicular traffic volumes, low vehicular speeds, and/or separation between the roadway edge and sidewalk. There would be some segments that would be expected to operate at L.O.S. D. These include:

- 1st Avenue S (east side) between Jewell Street and the edge of the study area.
- S 356th Street (both sides of the street) between the edge of the study area and Pacific Highway.
- Pacific Highway S (both sides of the street) between the edge of the study area and S 356th Street.
- Pacific Highway S (west side) between S 351st Street and S 352nd Street.
- Enchanted Parkway S (east side) between S 348th Street and S 352nd Street.

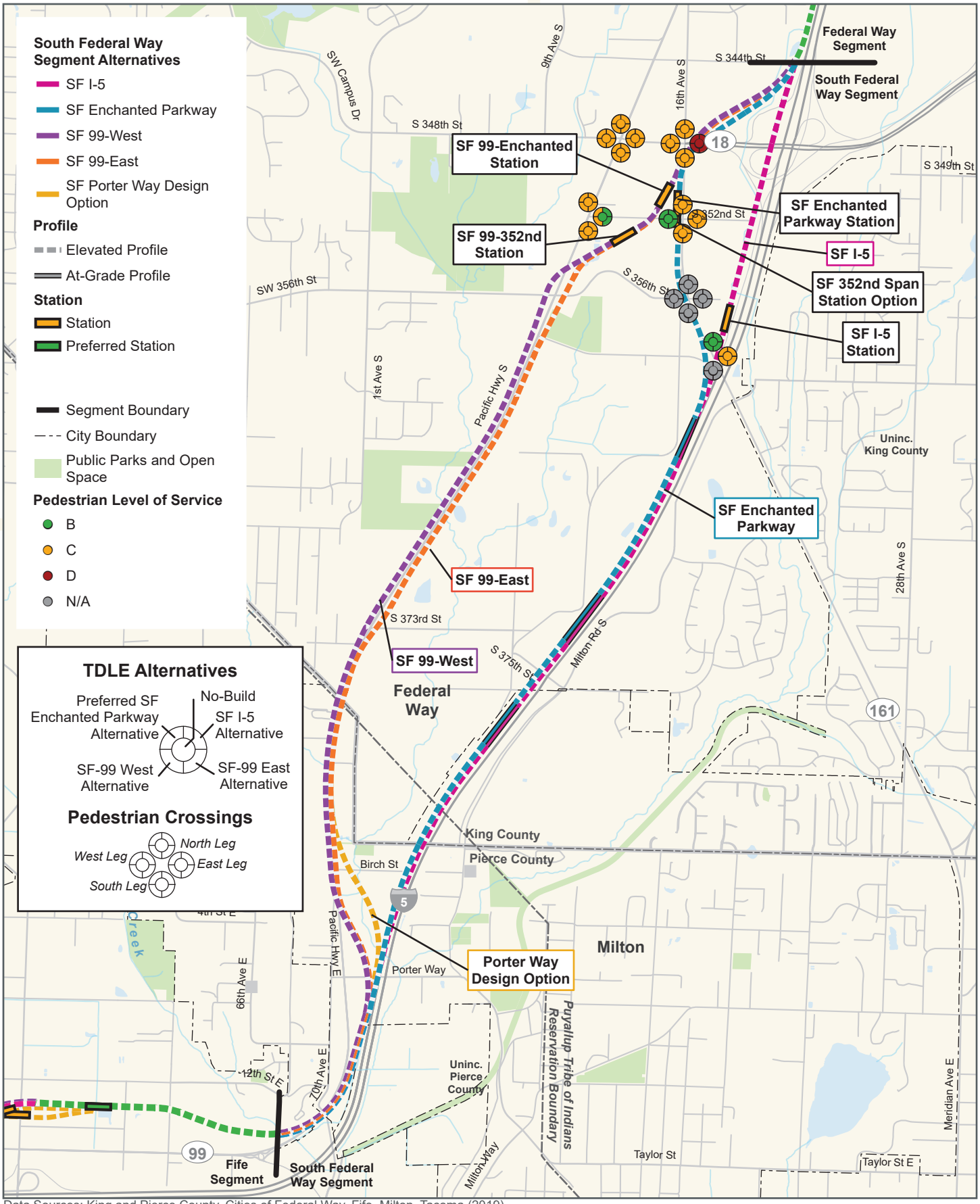

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-26

No-Build and Build Alternatives
Pedestrian Level of Service - Intersections
South Federal Way Segment

Tacoma Dome Link Extension

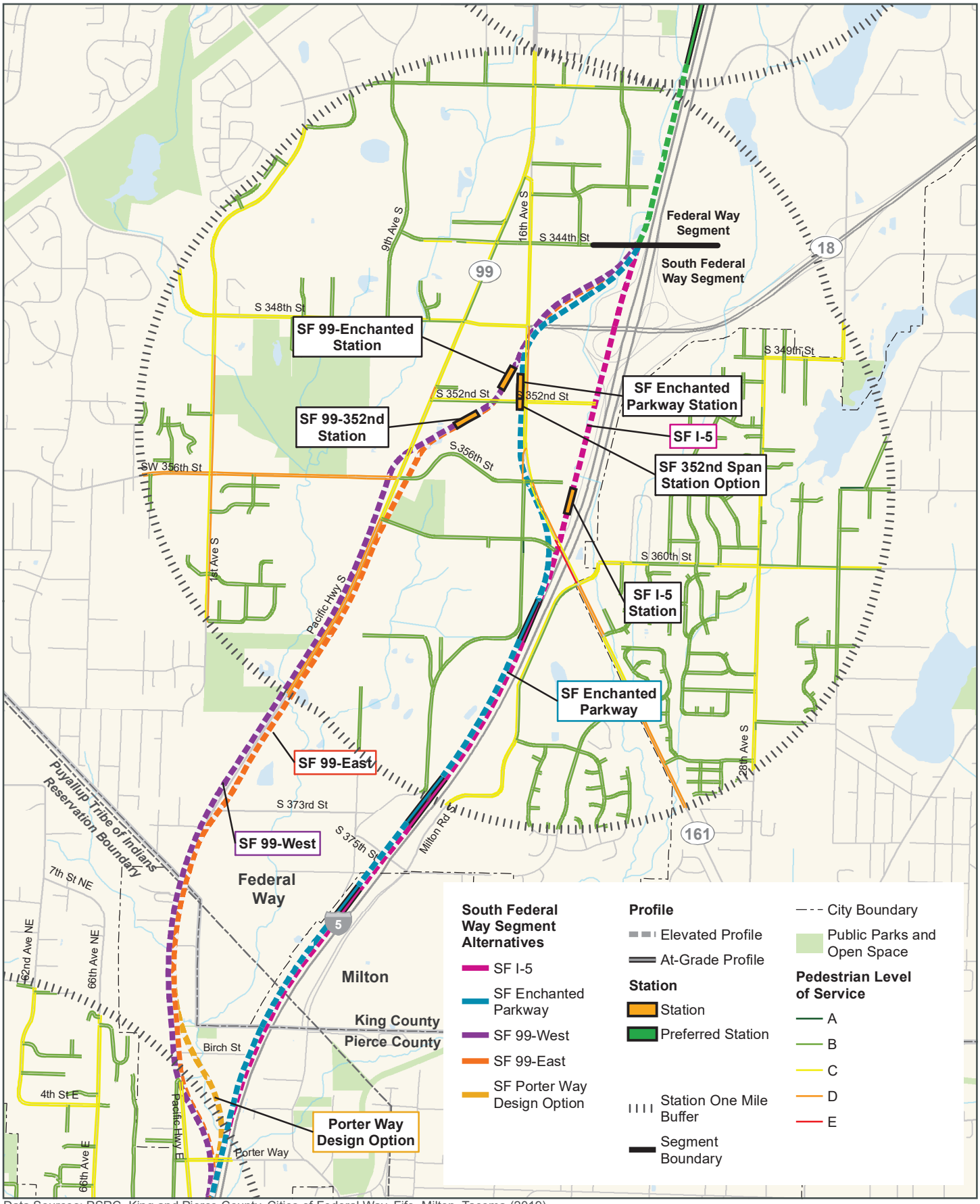

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-27

Pedestrian Level of Service within One Mile of Station Alternatives South Federal Way Segment

Tacoma Dome Link Extension

- Enchanted Parkway S (east side) between S 356th Street and the south I-5 off-ramp.
- SR 161 (both sides) between 20th Avenue S/Milton Road S and 363rd Place S.

The west side of Enchanted Parkway S between the I-5 southbound off-ramp and 20th Avenue S/Milton Road S across I-5 would be expected to operate at pedestrian L.O.S. E.

5.5.3.2 Fife Segment

Pedestrian volumes would not exceed the available capacity for intersections and crosswalks in the station area under the No-Build condition, except for the north leg crosswalk at the intersection of Pacific Highway E and 59th Avenue Court E (Fife Intersection #19). However, pedestrians would experience average pedestrian delays in excess of 30 seconds at all crosswalks.

The pedestrian L.O.S. for all intersections would be expected to operate at L.O.S. C or better, shown on Figure 5-28.

Many street segments within a mile of the station would also be expected to operate at pedestrian L.O.S. C or better, as shown on Figure 5-29, due to the presence of sidewalks, low vehicular traffic volumes, low vehicular speeds, and/or separation between the roadway edge and sidewalk. There would be some segments that would be expected to operate at L.O.S. D. These include:

- Valley Avenue E (east side) between 62nd Avenue E and 54th Avenue E.
- Frank Albert Road E (east side) between the edge of the study area and 20th Street E.
- Various segments (both sides) on 20th Street E between 54th Avenue E and the edge of the study area.
- Various segments (both sides) on Pacific Highway between Porter Way and 59th Avenue E.
- 54th Avenue E between 20th Street E and the I-5 northbound off-ramp (both sides) and between Pacific Highway E and the I-5 southbound off-ramp (east side).
- 12th Street E (north side) between 59th Avenue E and 54th Avenue E.
- Taylor Way E (both sides) between Marine View Drive and the edge of the study area.

There are no segments that would be expected to operate at pedestrian L.O.S. E.

5.5.3.3 Tacoma Segment

Pedestrian volumes would not exceed the available capacity at most intersections and crosswalks under the No-Build condition. However, several intersection corners and crosswalk legs experience higher pedestrian volumes and/or constrained facilities, which could reduce the ability of pedestrians to circulate. These include:

- Puyallup Avenue and East D Street (Tacoma Intersection #14).
  - Northeast intersection corner.
- East D Street and E 25th Street (Tacoma Intersection #15).
  - Southwest intersection corner.
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg.

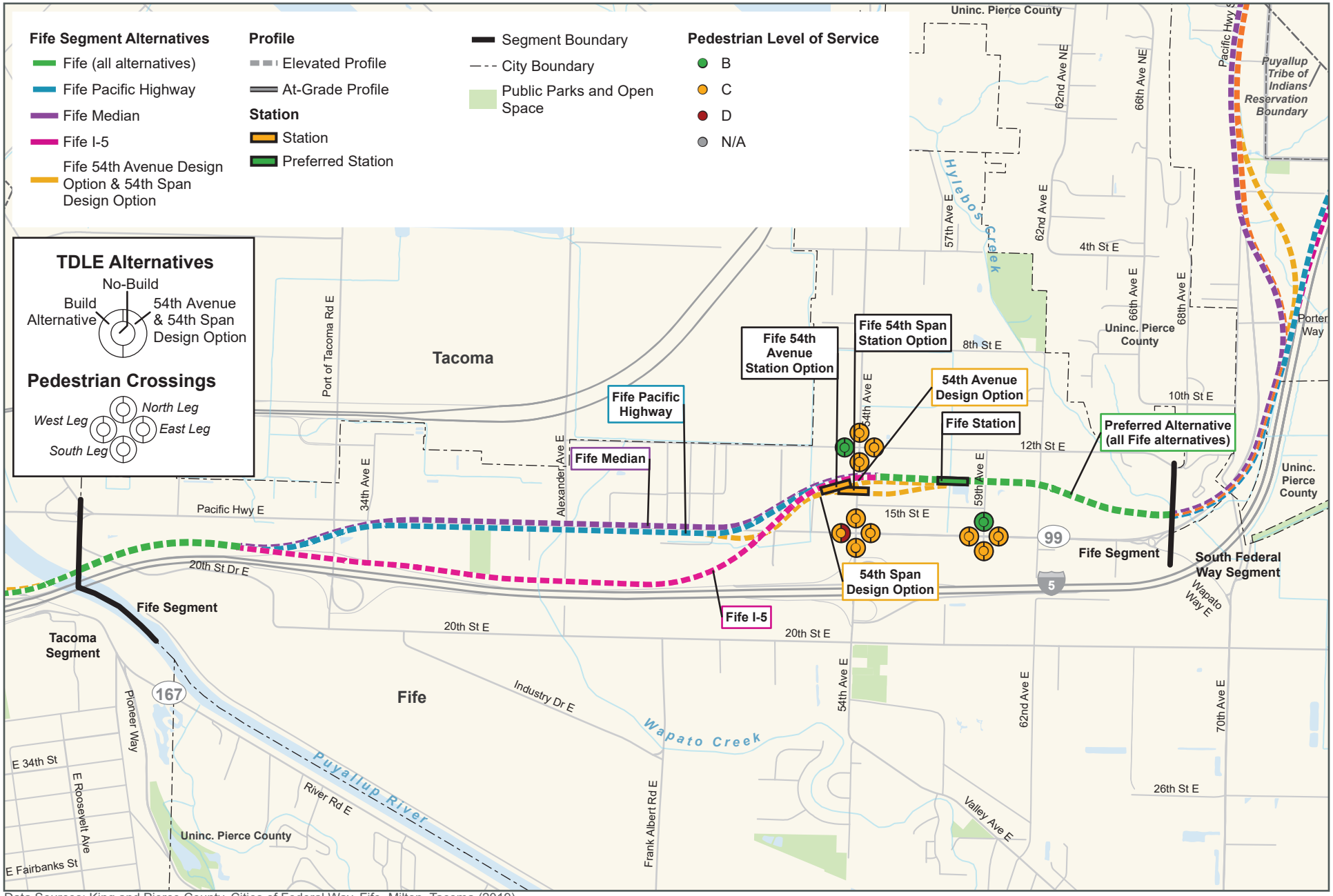

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 5-28
No-Build and Build Alternatives
Pedestrian Level of Service - Intersections
Fife Segment
Tacoma Dome Link Extension

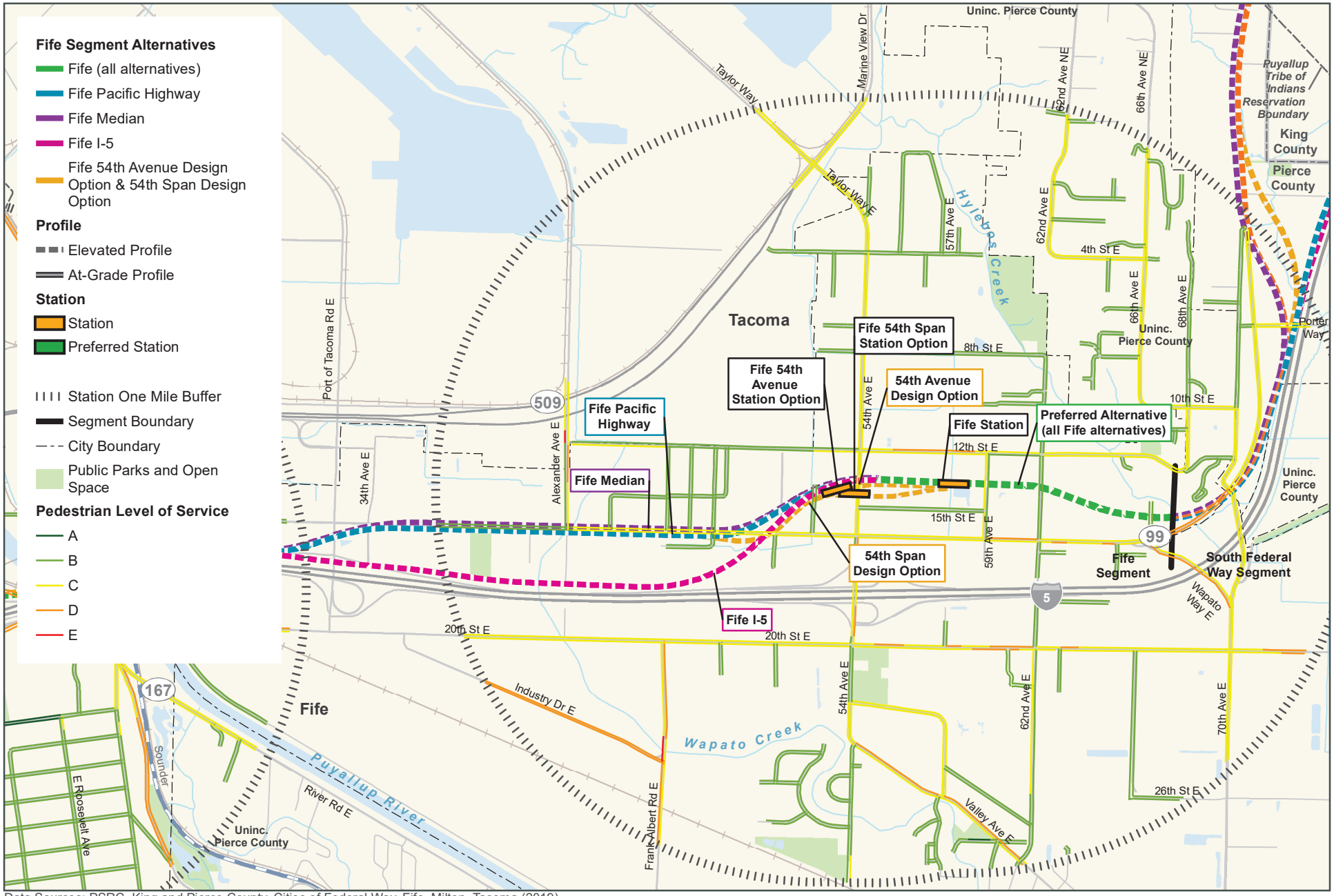

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-29

Pedestrian Level of Service within One Mile of Station Alternatives
Fife Segment

Tacoma Dome Link Extension

Pedestrians would experience average pedestrian delays in excess of 30 seconds at all crosswalks. The pedestrian L.O.S. for all study intersections in the Tacoma Segment would operate at L.O.S. C or better, as shown in Figure 5-30.

Most street segments within a mile of the station would also be expected to operate at pedestrian L.O.S. C or better, as shown on Figure 5-31, due to the presence of sidewalks, low vehicular traffic volumes, low vehicular speeds, and/or separation between the roadway edge and sidewalk. There would be some segments that would be expected to operate at L.O.S. D, primarily in the eastern portion of the Tacoma Segment. These include:

- Milwaukee Way (both sides) between the edge of the study area and Pacific Highway E.
- 20th Street Drive E (west side and east side in some locations) between the edge of the study area and Pacific Highway E.
- E Bay Street (both sides) between E 26th Street and River Road E.
- Pioneer Way E (both sides) between River Road E and the edge of the study area.
- E 28th Street (both sides) between E Bay Street and E Portland Avenue.
- E Portland Avenue Ramp to Puyallup Avenue (both sides) between Puyallup Avenue and E 25th Street.
- E Portland Avenue (west side) between E 26th Street and E 27th Street.
- E 27th Street (north side) between E Portland Avenue and East N Street, and between East M Street and East L Street.
- S Tacoma Way (south side) between the edge of the study area and Pacific Avenue.
- S 21st Street (both sides) between S Yakima Avenue and South G Street, and between Tacoma Avenue S and Fawcett Avenue.

The street segment on the north side of E 27th Street between East M Street and East N Street would be expected to operate at L.O.S. E.

5.5.4 Build Alternatives

5.5.4.1 Impacts Common to All Build Alternatives

TDLE could affect how pedestrians access and circulate within each of the station areas. This could result in differences in nonmotorized flows that would not occur under the No-Build Alternative.

None of the build alternatives would create barriers to nonmotorized traffic. The guideway would be elevated where it would cross public streets and private driveways or property access to prevent impacts. Where the guideway is at grade, it would not cross any existing streets, or the guideway would pass below the existing street.

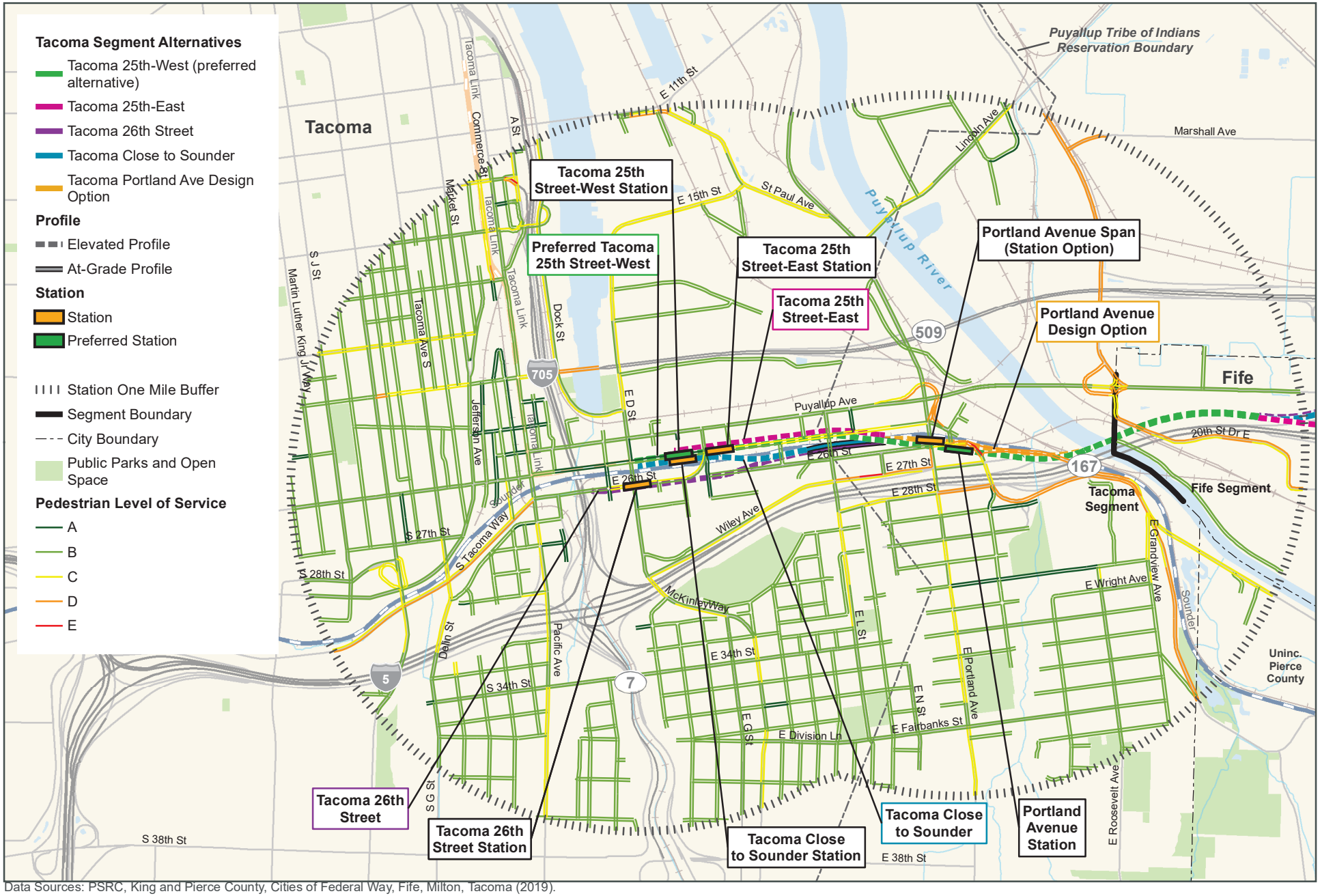

Data Sources: PSRC, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-30

Pedestrian Level of Service within One Mile of Station Alternatives
Tacoma Segment

Tacoma Dome Link Extension

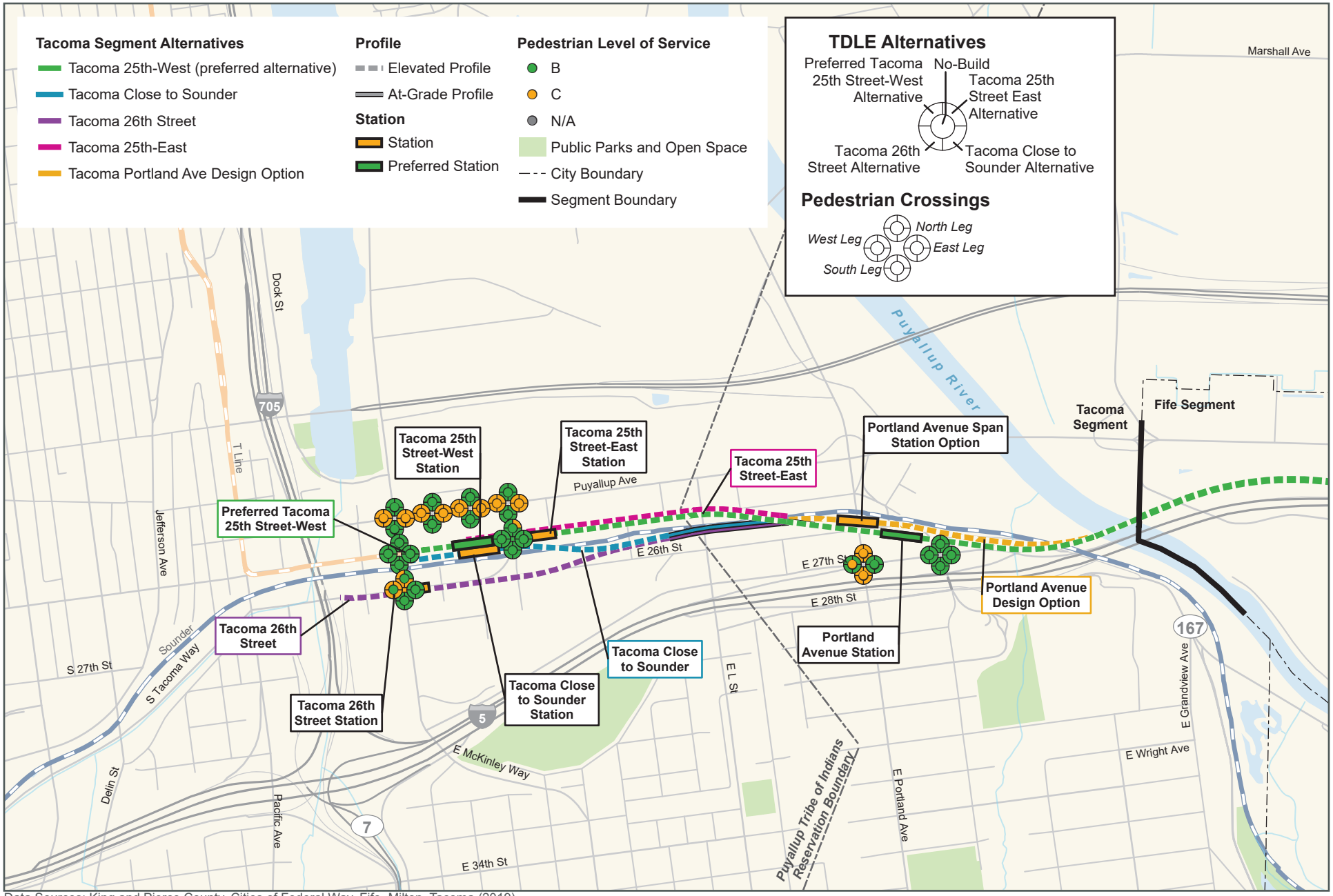

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 5-31
No-Build and Build Alternatives
Pedestrian Level of Service - Intersections
Tacoma Segment

Tacoma Dome Link Extension

Consistent with Sound Transit System Access Policy, TDLE includes pedestrian and bicycle improvements at stations to safely accommodate the projected increase in pedestrian and bicycle travel with TDLE (Sound Transit 2013). In September 2019, the Board provided $40.6 million in the Sound Transit District to award funds to local jurisdictions and agencies who would lead the design, construction, operation, and maintenance of the access projects. This program, called the System Access Program, is intended to fund projects that make it easier and more convenient for people to get to Sound Transit facilities. Potential nonmotorized projects are being identified for the program, in consultation with local jurisdictions, to safely accommodate the projected increase in pedestrian and bicycle travel with TDLE. The potential nonmotorized projects are not part of TDLE and no funding has been identified for any of these potential access projects. This Draft EIS does not evaluate the potential environmental impacts of these access projects. Once the access projects have been refined and identified by local jurisdictions, in consultation with Sound Transit, the local agency would prepare the appropriate environmental review. Some of the nonmotorized improvements may be implemented by others such as cities, the Puyallup Tribe of Indians, or others as lead agencies and require multi-agency funding partnerships to implement.

5.5.4.2 Federal Way Segment

5.5.4.3 Federal Way Enchanted Parkway Alternative

The Preferred FW Enchanted Parkway Alternative and FW Design Option are not near streets designated as Safe Routes to School for Federal Way Public Schools. Alternatives and design options in this segment do not have a station within the segment and would not have permanent effects on pedestrian facilities, volumes, or conditions in this segment.

5.5.4.4 South Federal Way Segment

5.5.4.5 Impacts Common to All South Federal Way Segment Build Alternatives

For all South Federal Way build alternatives, there would be approximately 220 pedestrian and bicycle trips associated with the station in South Federal Way during the PM peak period, which would likely be traveling to and from residential areas outside of the station area. Land uses near the station area would be primarily auto oriented. There would be a multi-family residential area in the southern portion of the station area; all other residential uses would be located on the east side of I-5 and to the west of the station area. Transfers between modes would also result in nonmotorized traffic, primarily within the station area. During the PM peak period, there would be approximately 310 transfers between pickup/drop-off, 550 transfers between park-and-ride, and 180 transfers between bus transit.

I-5 would be a barrier to walking and biking between the station and areas to the east. Nonmotorized users accessing the station would be able to cross I-5 using the Enchanted Parkway bridge, but this would be the only crossing of I-5 in the study area. The Enchanted Parkway bridge would provide sidewalks and shoulders; however, sidewalks are adjacent to vehicle travel lanes.

Limited right-of-way and large block sizes would also reduce nonmotorized access to the stations in the South Federal Way Segment. The roadway network would require some out-of-direction travel for nonmotorized users since there would be limited roadways connecting to the station area. It is possible that some pedestrians and bicyclists may choose to circulate through parking lots of adjacent properties to access the station. Many of the streets and intersection crossings near the stations would be wide, which could result in nonmotorized delay at intersections.

Sidewalks would be provided on most streets as well as some separated bicycle facilities on streets adjacent to the stations. Crosswalks and curb ramps would be provided on all legs of most intersections. Curb ramps and sidewalks would not consistently meet ADA standards.

Both alternatives in the South Federal Way Segment would traverse areas directly adjacent to several roadways designated as Safe Routes to School for Federal Way Public Schools' Todd Beamer High School. These include:

- 16th Avenue S.
- S 359th Street.
- S 364th Way.
- 12th Avenue S.
- S 372nd Way.

There would be no disruption to these walking routes because the TDLE guideway would be elevated. Roadways designated as Safe Routes to School for Federal Way Public Schools' Rainier View Elementary are located east of I-5 and the project area.

5.5.4.6 South Federal Way Enchanted Parkway Alternative

South Federal Way Enchanted Parkway Station

For the SF Enchanted Parkway Station, short- and long-term bicycle parking would be provided at the station in a centralized location, which could include lockers and bicycle racks.

Intersection and crosswalk capacity and pedestrian delay near the SF Enchanted Parkway Station would be expected to remain consistent with the No-Build Alternative.

For the SF Enchanted Parkway Alternative, pedestrian L.O.S. for study intersections would be expected to operate under the same conditions as the No-Build Alternative, shown on Figure 5-26. Only the east crosswalk leg at the intersection of Pacific Highway and S 352nd Street (SF Intersection #4) would degrade to pedestrian L.O.S. C from L.O.S. B due to increases in traffic volumes.

For the SF Enchanted Parkway Alternative, street segments within 1 mile of the station would be expected to operate at the same pedestrian L.O.S. as the No-Build Alternative, as shown in Figure 5-27.

South Federal Way 352nd Span Station Option

The SF 352nd Span Station Option would have similar impacts to nonmotorized travel as the SF Enchanted Parkway Station; however, this option would eliminate the need for nonmotorized users from the south to cross S 352nd Street at grade since there would be station entrances on both sides of the street. Bicycle parking would be provided near the station entrances on both sides of S 352nd Street.

5.5.4.7 South Federal Way I-5 Alternative

South Federal Way I-5 Station

At the SF I-5 Station, the Triangle Project would introduce two roundabouts: a five-leg roundabout where Enchanted Parkway intersects S 356th Street, 16th Avenue S, and an

eastern leg of S 356th Street that extends from the new I-5 southbound off-ramp and a smaller roundabout farther east on the leg where the new off-ramp lands. The latter roundabout would be immediately north of the SF I-5 Station. Station accessibility may be reduced for some nonmotorized users due to the proximity of the roundabouts to the station. The Triangle Project was suspended in 2023, with no schedule for resumption.

The SF I-5 Station would also be located directly adjacent to I-5. This would reduce nonmotorized access by limiting the street network accessible by pedestrian and bicycle users directly surrounding the station. The terrain between Enchanted Parkway and the station would also create a barrier for some users because there is an elevation gain between the plaza and Enchanted Parkway. The station site would be graded to transition nonmotorized users from Enchanted Parkway to the plaza.

Short- and long-term bicycle parking would be provided at the station in a centralized location, which could include lockers and bicycle racks.

Intersection and crosswalk capacity and pedestrian delay near the SF I-5 Station would be expected to remain consistent with the No-Build Alternative.

For the SF I-5 Alternative, the pedestrian L.O.S. for study intersections would be expected to operate under the same conditions as the No-Build Alternative, shown on Figure 5-26. Street segments within a mile of the station would be expected to operate at the same pedestrian L.O.S. as the No-Build Alternative, as shown on Figure 5-27.

5.5.4.8 South Federal Way 99-East Alternative

The SF 99-East Alternative would add sidewalks along the east side of Pacific Highway between S 359th Street and S 373rd Street. Between S 373rd Street to south of Birch Street, sidewalks would be added along both sides of Pacific Highway. The Porter Way Design Option would not extend as far south along Pacific Highway and would not add sidewalks to the roadway near Birch Street.

Near the SF 99-352nd Station, the intersection and crosswalk capacity and pedestrian delay would be expected to remain consistent with the No-Build Alternative.

Pedestrian L.O.S. for study intersections near the SF 99-352nd Station would be expected to operate under the same conditions as the No-Build Alternative, shown on Figure 5-26.

Street segments within a mile of the station are expected to operate at the same pedestrian L.O.S. as the No-Build Alternative, as shown in Figure 5-27.

5.5.4.9 South Federal Way 99-West Alternative

The SF 99-West Alternative would add sidewalks along the west side of Pacific Highway from S 356th Street to Birch Street, and on both sides of the roadway where the guideway crosses Pacific Highway south of Birch Street.

The SF 99-Enchanted Station would have very similar impacts to the SF Enchanted Parkway Station.

Intersection and crosswalk capacity and pedestrian delay near the SF 99-Enchanted Station would be expected to remain consistent with the No-Build Alternative.

Pedestrian L.O.S. for study intersections near the SF 99-Enchtated Station are expected to operate under similar conditions as the No-Build Alternative, shown on Figure 5-26. Only the east crosswalk leg at the intersection of SR 99 and S 352nd Street (SF Intersection #4) would degrade to pedestrian L.O.S. C from L.O.S. B due to increases in vehicular traffic volumes.

Street segments within 1 mile of the station are expected to operate at the same pedestrian L.O.S. as the No-Build Alternative, as shown in Figure 5-27.

5.5.4.10 Fife Segment

The preferred Fife Station, the 54th Avenue Station Option, and the 54th Span Station Option are compatible with all Fife build alternatives. There would be approximately 280 pedestrian and bicycle trips associated with the TDLE station in Fife during the PM peak period, which would likely be traveling to and from residential areas outside of the station area. Land uses near the station area are primarily auto oriented. Most residential uses would be located south of I-5. Transfers between modes would also result in nonmotorized traffic, primarily within the station area. During the PM peak period, there would be approximately 170 transfers between pickup/drop-off, 610 transfers between park-and-ride, and 620 transfers between bus transit.

I-5 would be a major barrier to walking and biking between the station and areas to the south. Nonmotorized users accessing the station would be able to cross I-5 on improved pedestrian facilities on 54th Avenue E as part of the I-5/54th Avenue E interchange improvements; however, higher travel speeds and volumes with heavy freight vehicles would make it uncomfortable for most users to access the station area from the south of I-5. There would also be few crossing opportunities along Pacific Highway E.

Sidewalks would be provided on some streets adjacent to the station, with notable sidewalk gaps along 59th Avenue E and 15th Street E. Crosswalks and curb ramps would be provided at most intersections but may not be present on all legs. Curb ramps and sidewalks would not consistently meet ADA standards.

A multiuse path, referred to as the Fife Multiuse Path, could be provided beneath the guideway between 54th Avenue E and the SR 167 Completion Project, where it would connect to the trail associated with that project. This would provide a direct connection to a regional shared-use path system, with connections to the Interurban Trail to the south, in addition to the shared-use path provided as part of the SR 167 Completion Project. There is currently no funding commitment by any party, including Sound Transit, to build the Fife Multiuse Path.

Short- and long-term bicycle parking would be provided at the stations in a centralized location, which could include lockers and bicycle racks.

For all Fife Segment build alternatives, intersection and crosswalk capacity, and pedestrian delay would be expected to be similar to the No-Build Alternative.

In the 54th Avenue and 54th Span design options, the west crosswalk would leg at the intersection of 54th Avenue E and SR 99 (Fife Intersection #13) would degrade to pedestrian L.O.S. D from L.O.S. C due to small increases turning traffic through the west crossing of Pacific Highway (SR 99). The pedestrian L.O.S. score for this crossing is near the threshold between L.O.S. C and L.O.S. D for the no-build alternative and for other build alternatives and is sensitive to small changes in turning volumes. For all Fife Segment build alternatives, street segments within a mile of the station would be expected to operate at the same pedestrian L.O.S. as the No-Build Alternative, as shown on Figure 5-29.

There would be no Safe Routes to School near the alternatives in the Fife Segment.

5.5.4.11 Fife Median Alternative

In order to accommodate roadway widening under the Fife Median Alternative, the sidewalk and crosswalks could move from their existing location along Pacific Highway E between 54th Avenue E and Port of Tacoma Road. All sidewalks and crosswalks would be reconstructed to meet the current standards at the time of construction. Some crossing distances could increase to accommodate roadway widening; the median would provide a midblock refuge for nonmotorized users at intersections and designated crossing locations.

5.5.4.12 Tacoma Segment

5.5.4.13 Impacts Common to All Tacoma Segment Build Alternatives

At the Portland Avenue Station, there would be approximately 260 pedestrian and bicycle trips associated with TDLE during the PM peak period, which would likely be traveling to residential areas outside of the station area. Land uses near the station area are primarily industrial and auto oriented. Most residential uses as well as the Emerald Queen Casino, a major event and entertainment destination, would be located on the south side of I-5. Transfers between modes would also result in nonmotorized traffic, primarily within the station area. During the PM peak period, there would be approximately 520 transfers between pickup/drop-off and 20 transfers between bus transit.

Near the Portland Avenue Station area, I-5 would be a major barrier to walking and biking between the station and areas to the south. Nonmotorized users accessing the station would be able to cross I-5 using the undercrossings at E Portland Avenue and E Bay Street/East R Street. These undercrossings would be improved as part of TDLE, which could include sidewalk widening, lighting, and art. A nonmotorized overcrossing of I-5, referred to as the optional Portland Avenue bike and pedestrian bridge, could be provided between the station and the area south of I-5 in the vicinity of either East R Street or E Portland Avenue. This would provide nonmotorized users traveling to and from the area south of I-5 with a direct grade-separated connection into the Portland Avenue Station. There is currently no funding commitment by any party, including Sound Transit, to build this overcrossing of I-5.

Near the Portland Avenue Station, sidewalks would be provided on most streets adjacent to the station, with notable sidewalk gaps along E Bay Street, E 25th Street, E 26th Street, E 27th Street, and E 28th Street. Crosswalks and curb ramps would be provided at most intersections but may not be present on all legs. Curb ramps and sidewalks would not consistently meet ADA standards.

At any of the station locations near the Tacoma Dome, there would be approximately 960 pedestrian and bicycle trips associated with TDLE during the PM peak period. Transfers between modes would result in additional nonmotorized traffic within the station area and along streets immediately adjacent to the station area. During the PM peak period, there would be approximately 1,810 transfers between park-and-ride, 1,080 transfers between pickup/drop-off, and 3,350 transfers between bus transit.

Near the Tacoma Dome Station, sidewalks would be provided on many streets adjacent to the existing station, with some gaps to the east and southeast on E 25th Street, East G Street, E 26th Street, East F Street, and E Wiley Avenue. Crosswalks and curb ramps would be provided at most intersections but may not be present or marked on all legs. Curb ramps and sidewalks would not consistently meet ADA standards. Bicycle lanes would be provided on

East D Street, which would provide a north-south bicycle connection near the station. A separated bicycle facility would also be provided on Puyallup Avenue. There would be an at-grade crossing of the Sounder tracks along East D Street.

Short- and long-term bicycle parking would be provided in a centralized location at each station in the Tacoma Segment, which could include lockers and bicycle racks. In the Tacoma Dome Station Parking Garage, there is currently additional short-term and long-term bicycle parking provided. This includes two bicycle racks, seven bike lockers, and a locked bicycle cage.

For all Tacoma Segment build alternatives, street segments within a mile of the station would be expected to operate at the same pedestrian L.O.S. as the No-Build Alternative, as shown on Figure 5-30. Pedestrian delay at all intersections would be expected to remain consistent with the No-Build Alternative.

During large events at the Tacoma Dome, there could be surges of nonmotorized users prior to and after events. During these times, the pedestrian L.O.S. for facilities near the Tacoma Dome would degrade due to event attendees using light rail. It is anticipated that these events would occur sporadically during the year and that traffic control would be provided by the City of Tacoma and Tacoma Dome management to manage vehicular and nonmotorized traffic.

Roadways designated as Safe Routes to School for Tacoma Public Schools' Blix and Roosevelt Elementary Schools are located south of I-5 and the project area. There would be no disruption to these walking routes as the TDLE guideway would be elevated.

5.5.4.14 Tacoma 25th Street-West Alternative

The Preferred Tacoma 25th Street-West Station would include a pedestrian bridge between the station mezzanine and E 26th Street. This would allow nonmotorized users to cross the Sounder tracks above grade rather than at grade along East D Street. The pedestrian bridge would also provide direct access between the mezzanine and the Sounder platform. There would be an optional grade-separated connection over E 25th Street between the mezzanine and the parking garage.

Most intersections and crosswalk capacity near the Preferred Tacoma 25th Street-West Station would remain consistent with the No-Build Alternative. The following locations would exhibit conditions different from those experienced under the No-Build Alternative:

- East D Street and E 25th Street (Tacoma Intersection #15).
  - East crosswalk leg (pedestrian volumes exceed capacity).
- East G Street/E 26th Street and E 25th Street (Tacoma Intersection #23).
  - North crosswalk leg (pedestrian volumes exceed capacity).
  - South crosswalk leg (pedestrian volumes exceed capacity).
  - West crosswalk leg (pedestrian volumes exceed capacity).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (pedestrian volumes no longer exceed capacity).

The pedestrian L.O.S. for most intersections near the Preferred Tacoma 25th Street-West Station would remain consistent with the No-Build Alternative, as shown on Figure 5-31. The following intersection crosswalks would exhibit pedestrian L.O.S. conditions different from those experienced under the No-Build condition:

- East D Street and E 26th Street (Tacoma Intersection #17).
  - North crosswalk leg (degrades from L.O.S. B to L.O.S. C).
  - West crosswalk leg (degrades from L.O.S. B to L.O.S. C).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (improves from L.O.S. C to L.O.S. B).

Most intersections and crosswalk capacity near the Tacoma 25th Street-West Station with the Portland Avenue Span Station Option would remain consistent with the No-Build Alternative. The following locations would exhibit conditions different from those experienced under the No-Build Alternative:

- East D Street and E 25th Street (Tacoma Intersection #15).
  - East crosswalk leg (pedestrian volumes exceed capacity).
- East G Street/E 26th Street and E 25th Street (Tacoma Intersection #23).
  - North crosswalk leg (pedestrian volumes exceed capacity).
  - South crosswalk leg (pedestrian volumes exceed capacity).
  - West crosswalk leg (pedestrian volumes exceed capacity).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (pedestrian volumes no longer exceed capacity).

The pedestrian L.O.S. for most intersections near the Tacoma 25th Street-West Station with the Portland Avenue Span Station Option would remain consistent with the No-Build Alternative, as shown on Figure 5-31. The following intersection crosswalks would exhibit pedestrian L.O.S. conditions different from those experienced under the No-Build condition:

- East D Street and E 26th Street (Tacoma Intersection #17).
  - North crosswalk leg (degrades from L.O.S. B to L.O.S. C).
  - West crosswalk leg (degrades from L.O.S. B to L.O.S. C).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (improves from L.O.S. C to L.O.S. B).

5.5.4.15 Tacoma 25th Street-East Alternative

The Tacoma 25th Street-East Station would include a pedestrian bridge between the station mezzanine and E 25th Street. This would allow nonmotorized users to cross East G Street above grade.

Most intersections and crosswalk capacity near the Tacoma 25th Street-East Station would remain consistent with the No-Build Alternative. The following locations would exhibit conditions different from those experienced under the No-Build Alternative:

- East G Street/E 26th Street and E 25th Street (Tacoma Intersection #23).
  - North crosswalk leg (pedestrian volumes exceed capacity).
  - Northwest intersection corner (pedestrian volumes exceed capacity).
  - Northeast intersection corner (pedestrian volumes exceed capacity).

- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (pedestrian volumes no longer exceed capacity).

The pedestrian L.O.S. for most intersections near the Tacoma 25th Street-East Station would remain consistent with the No-Build Alternative, as shown on Figure 5-31. The following intersection crosswalks would exhibit pedestrian L.O.S. conditions different from those experienced under the No-Build condition:

- East D Street and E 26th Street (Tacoma Intersection #17).
  - West crosswalk leg (degrades from L.O.S. B to L.O.S. C).
  - East G Street/E 26th Street and E 25th Street (Tacoma Intersection #23).
  - North crosswalk leg (degrades from L.O.S. B to L.O.S. C).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (improves from L.O.S. C to L.O.S. B).

5.5.4.16 Tacoma Close to Sounder Alternative

The Tacoma Close to Sounder Station would include a pedestrian bridge between the mezzanine and E 26th Street. This would allow nonmotorized users to cross the Sounder tracks above grade rather than at grade along East D Street. The pedestrian bridge would also provide direct access between the mezzanine and the Sounder platform. There would be an optional connection between the mezzanine and the parking garage.

Most intersections and crosswalk capacity near the Tacoma Close to Sounder Station would remain consistent with the No-Build Alternative. The following locations would exhibit conditions different from those experienced under the No-Build Alternative:

- East D Street and E 25th Street (Tacoma Intersection #15).
  - East crosswalk leg (pedestrian volumes exceed capacity).
- East G Street/E 26th Street and E 25th Street (Tacoma Intersection #23).
  - North crosswalk leg (pedestrian volumes exceed capacity).
  - South crosswalk leg (pedestrian volumes exceed capacity).
  - West crosswalk leg (pedestrian volumes exceed capacity).
  - East crosswalk leg (pedestrian volumes exceed capacity).
  - Northwest intersection corner (pedestrian volumes exceed capacity).
  - Northeast intersection corner (pedestrian volumes exceed capacity).
  - Southwest intersection corner (pedestrian volumes exceed capacity).
  - Southeast intersection corner (pedestrian volumes exceed capacity).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (pedestrian volumes no longer exceed capacity).

The pedestrian L.O.S. for most intersections near the Tacoma Close to Sounder Station would remain consistent with the No-Build Alternative, as shown on Figure 5-31. The following

intersection crosswalks would exhibit pedestrian L.O.S. conditions different from those experienced under the No-Build condition:

- East D Street and E 26th Street (Tacoma Intersection #17).
  - North crosswalk leg (degrades from L.O.S. B to L.O.S. C).
  - West crosswalk leg (degrades from L.O.S. B to L.O.S. C).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (improves from L.O.S. C to L.O.S. B).

5.5.4.17 Tacoma 26th Street Alternative

The Tacoma 26th Street Station would include a pedestrian bridge between the mezzanine and E 25th Street. This would allow nonmotorized users to cross the Sounder tracks above grade rather than at grade along East D Street. The pedestrian bridge would also provide direct access between the mezzanine and the Sounder lobby on E 25th Street. There would be an optional connection to extend the pedestrian bridge to the Tacoma Dome Station parking garage.

Most intersections and crosswalk capacity near the Tacoma 26th Street Station would remain consistent with the No-Build Alternative. The following locations would exhibit conditions different from those experienced under the No-Build Alternative:

- East D Street and E 26th Street (Tacoma Intersection #17).
  - North crosswalk leg (pedestrian volumes exceed capacity).
- East G Street/E 26th Street and E 25th Street (Tacoma Intersection #23).
  - Northeast intersection corner (pedestrian volumes exceed capacity).
  - Southwest intersection corner (pedestrian volumes exceed capacity).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (pedestrian volumes no longer exceed capacity).

The pedestrian L.O.S. for most intersections near the Tacoma 26th Street Station would remain consistent with the No-Build Alternative, as shown on Figure 5-31. The following intersection crosswalks would exhibit pedestrian L.O.S. conditions different from those experienced under the No-Build condition:

- East D Street and E 26th Street (Tacoma Intersection #17).
  - North crosswalk leg (degrades from L.O.S. B to L.O.S. C).
  - West crosswalk leg (degrades from L.O.S. B to L.O.S. C).
- E Portland Avenue and E 27th Street (Tacoma Intersection #34).
  - West crosswalk leg (improves from L.O.S. C to L.O.S. B).

5.5.4.18 Interim Terminus

South Federal Way Station

If the station in South Federal Way were the interim terminus, nonmotorized trips would be the same as the full-build condition. While there would be changes to the transit transfers and pickup/drop-off trips, these transfers would occur within the station footprint, there would be no changes to nonmotorized impacts near the station.

Fife Station

If the station in Fife were the interim terminus, there would be fewer nonmotorized trips and fewer pickup/drop-off transfers during the PM peak period than the full-build condition. Bus transit transfers would be expected to increase with more bus service feeding the station. Nonmotorized trips would decrease from 280 trips to 160 trips during the PM peak period. Bus transit transfers would increase from 620 trips to 1,280 trips, and pickup/drop-off transfers would decrease from 170 trips to 150 trips. Because nonmotorized volumes would be lower and transfers would occur within the station footprint, nonmotorized impacts near the station would be similar to or less than those present at the station in Fife under the full-build condition.

Nonmotorized trips at the station in South Federal Way would also change if the station in Fife were the interim terminus. There would be fewer nonmotorized trips to the station as well as fewer transfers between modes. Nonmotorized trips would decrease to 140 trips during the PM peak period. Park-and-ride transfers would decrease to 540 trips, pickup/drop-off trips would decrease to 290 trips, and bus transit transfers would decrease to 160 trips.

Avoidance and Minimization Measures for Construction Impacts

Sound Transit would provide pedestrian and bicycle improvements at stations to safely accommodate the projected increase in pedestrian and bicycle travel associated with TDLE in accordance with Sound Transit System Access Policy. Any new facilities would be expected to meet local and federal design standards for pedestrian and bicycle facilities, including ADA accessibility standards.

5.6 Safety

This section summarizes the qualitative safety evaluation for all build alternatives. Impacts from TDLE were evaluated for general-purpose traffic, transit, freight, and nonmotorized safety.

Key findings and comparisons between build alternatives include the following:

- All TDLE build alternatives would shift up to 30,000 people per day from driving or taking another non-transit mode to use transit and reduce VMT in the region by up to 228,200. A mode shift to transit from auto and non-transit trips would be likely to benefit safety and result in fewer crashes.
- Safety conditions are expected to be similar to existing conditions because all TDLE build alternatives would be located in an exclusive guideway outside of roadway operations. With all build alternatives and station options, there would be an increase in vehicle and nonmotorized activity around the station areas, which would increase the potential for conflicts among different travel modes.
- In Tacoma, the 25th Street West, Close to Sounder, and 26th Street alternatives include a possible nonmotorized bridge over Sounder tracks that provides a safer alternative to the existing at-grade crossings of Sounder tracks.
- The southbound I-5 clear zone would be maintained under all TDLE alternatives within the I-5 right-of-way. The alternatives along I-5 are not expected to have any quantifiable impact on the safety of the I-5 mainline. If any build alternative introduces fixed objects within the southbound I-5 buildout clear zone, all TDLE build alternatives would provide guardrails and barriers to protect mainline traffic from light rail columns.

5.6.1 No-Build Alternative

The safety of the transportation system would be expected to be similar to existing conditions, but crash frequencies may increase due to more traffic. Crash types and locations would be similar to those described in the Affected Environment chapter.

Within the South Federal Way Segment, the Triangle Project would introduce two roundabouts along S 356th Street at Enchanted Parkway S/16th Avenue S and the new I-5/SR 18 ramp. A change from the current signalized intersection configuration could result in changes to crash types and conflicts between travelers in the vicinity. Roundabout intersections typically reduce the total number of crashes as well as greatly reduce crash severity, including the number of personal injury and fatal crashes. This project was suspended in 2023, with no scheduled date for resumption.

5.6.2 Impacts Common to All Build Alternatives

The safety of the transportation system is expected to be largely consistent with existing conditions because all build alternatives would be grade-separated and operate in exclusive right-of-way, with no direct conflicts with vehicles, pedestrians, or bicyclists. The light rail design would adhere to both light rail and roadway standards to minimize the potential effects on traffic safety. For example, infrastructure elements of the light rail guideway, such as walls and columns, would be designed to current standards for fixed objects, vertical and horizontal clearances, and other infrastructure-related safety elements.

A roadside clear zone assessment of the I-5 mainline was completed for the western edge of I-5 southbound in areas where build alternatives are adjacent to I-5. Segments of I-5 in which clear zone assessments were performed include I-5 southbound between S 324th Street and 70th Avenue E and I-5 southbound between Frank Albert Road E to the Puyallup River. See Table 4-38 for a summary of I-5 southbound clear zone and barrier lengths.

Coordination between WSDOT and TDLE staff has resulted in the preservation of an additional 38 feet (28-foot expansion with 10-foot buffer) beyond the existing edge of traveled way along I-5 southbound. Planned geometry for this widening consists of a 12-foot express toll lane, 14-foot bus-on-shoulder lane, and a 2-foot width reserved for roadside barriers. A detailed inventory of clear zone impacts under existing conditions and build alternatives with unwidened and widened scenarios of I-5 is provided in Attachment C, I-5 Clear Zone Analysis.

Under unwidened conditions, construction of TDLE build alternatives would affect 1,600 feet of the I-5 southbound clear zone adjacent to Oakland Hills Boulevard and approximately 300 feet of the exiting clear zone at the Port of Tacoma Road interchange. These changes in clear zone could result in increased crash rates and impacts to safety conditions along I-5. Additional barrier required under unwidened conditions to meet clear zone requirements range from 1,580 feet to 1,880 feet, depending upon the build alternative.

Under widened conditions, construction of TDLE build alternatives would affect 6,900 feet of the I-5 southbound clear zone adjacent to Oakland Hills Boulevard, 800 feet of the existing clear zone between Enchanted Parkway S and Milton Road S, and 300 feet of existing clear zone at the Port of Tacoma Road interchange. Changes to these clear zone areas could result in increased crash frequencies and impact safety conditions along I-5. Additional barrier required under widened conditions to meet clear zone requirements range from 6,930 feet to 7,230 feet, depending upon the build alternative.

If TDLE were to remove or modify transportation infrastructure, these facilities would be replaced to ensure that the transportation system would operate similar to or better than the No-Build Alternative. In some locations, increased traffic volumes could be expected to result in an increase in crashes.

All TDLE build alternatives would shift up to 30,000 people per day from driving or other type of vehicular travel to using light rail. This would reduce the amount of VMT in the region by up to 228,200 miles, which would be likely to result in fewer crashes in the region because people would be driving fewer miles. There would be an increase in general traffic volumes, transit movements, pedestrians, and bicyclists near each of the stations, which could increase the risk of traffic conflicts and conflicts among travel modes.

Traffic signals and protected turn phasing indicated in Section 8.3 are anticipated to reduce the severity of crashes (fatality and serious injury) compared with two-way or all-way stop-control intersections. As a result of these measures, intersection safety would be improved with construction of TDLE.

5.6.3 Federal Way Segment

This section discusses the safety conditions associated with the alternatives in the Federal Way Segment.

5.6.3.1 Impacts Comment to All Federal Way Segment Build Alternatives

The Federal Way Segment does not include any stations, but traffic volumes on some roadways in this segment are likely to increase with vehicles accessing the station in the South Federal Way Segment. This would increase the potential for conflicts between travel modes on the southern end of the Federal Way Segment near the station in South Federal Way.

5.6.3.2 Federal Way Enchanted Parkway Alternative

For the Preferred FW Enchanted Parkway Alternative and FW Design Option, the guideway would be elevated or at grade west of I-5 southbound and would be directly adjacent to roadside clear zones. Some portions of the I-5 mainline would maintain clear zone standards established in the WSDOT Design Manual. In areas where minimum clear zone conditions cannot be maintained, barriers or impact attenuators would be provided to “shield” vehicles from roadside hazards.

5.6.4 South Federal Way Segment

This section discusses the safety conditions associated with the alternatives in the South Federal Way Segment.

5.6.4.1 Impacts Common to All South Federal Way Segment Build Alternatives

Under all South Federal Way Segment build alternatives, safety elements of the transportation system would be expected to be similar to existing conditions, with crash types and locations consistent with those described in the Affected Environment chapter.

There would be an increase in vehicle and nonmotorized activity around the station area, which would increase the potential for conflicts between different travel modes.

Transfers between bus transit and light rail would contribute to the pedestrian traffic near the station. The bus transit and paratransit facilities would be within the station footprint for all build alternatives, so these users would likely not be crossing at intersections near the station. The station and facilities located within the footprint would be designed to standards that minimize the potential for conflicts among buses, nonmotorized users, and vehicles.

In the South Federal Way segment, the roadside clear zones along the I-5 southbound mainline between S 324th Street and 70th Avenue E are located directly adjacent to portions of all build alternatives. Both the SF Enchanted Parkway Alternative and the SF I-5 Alternative would include longer sections of roadside clear zones along I-5 southbound, with longer stretches of guideway along the west side of the highway. Some portions of the I-5 mainline would maintain clear zone standards established in the WSDOT Design Manual. In areas where minimum clear zone conditions cannot be maintained, barriers or impact attenuators would be provided to "shield" vehicles from roadside hazards.

5.6.4.2 South Federal Way Enchanted Parkway Alternative

For the SF Enchanted Parkway Alternative, the light rail guideway would be elevated or at grade west of the WSDOT right-of-way for I-5 for most of the South Federal Way Segment. Between S 344th Street and S 359th Street, the guideway would deviate from the I-5 right-of-way extending along the west side of Enchanted Parkway S. It would be elevated for this entire section. The guideway would cross public streets, private driveways, and property access points with grade-separated crossings. The SF Enchanted Parkway Alternative design would adhere to current design standards and would not be expected to result in additional safety impacts.

A bus loop would be provided within the SF Enchanted Parkway Station; however, buses may serve an on-street bus stop along Enchanted Parkway S, which would result in additional nonmotorized users at the Enchanted Parkway S and S 352nd Street intersection (SF Intersection #7). This intersection is signalized and includes crosswalks to facilitate pedestrian movements across the street.

The SF 352nd Span Station Option would have similar impacts to safety as the SF Enchanted Parkway Station; however, this option would eliminate the need for nonmotorized users from the south to cross S 352nd Street at grade since there would be station entrances on both sides of the street.

5.6.4.3 South Federal Way I-5 Alternative

For the SF I-5 Alternative, the light rail guideway would be elevated or at grade west of the WSDOT right-of-way for I-5 for the entire length of the South Federal Way Segment. The guideway would cross public streets, private driveways, and property access points with grade-separated crossings. The SF I-5 Alternative design would adhere to current design standards and would not be expected to result in safety impacts.

A bus loop would be provided within the SF I-5 Station; however, buses may serve an on-street bus stop along Enchanted Parkway S, which would result in additional nonmotorized users at the Enchanted Parkway S/16th Avenue S and S 356th Street intersection (SF Intersection #9). This intersection would be a roundabout and include crosswalks to facilitate pedestrian movements across the street.

5.6.4.4 South Federal Way 99-East Alternative

The SF 99-East Alternative would include elevated guideway along the east side and in the median of Pacific Highway through the South Federal Way Segment. Columns on the east side of Pacific Highway would be set back from the roadway to provide adequate sight distance for vehicles turning out of connecting streets or driveways.

South of S 373rd Street, the guideway for the SF 99-East Alternative would be in the median, resulting in left-turn restrictions between intersections. Restrictions to left turns through Milton and unincorporated Pierce County would be implemented, which would be similar to conditions on other portions of Pacific Highway where there are existing turn restrictions. This could result in small reductions in crashes in this part of Pacific Highway, with fewer locations where vehicles would be turning across traffic.

All columns and guideway infrastructure would be designed to current standards for fixed objects, vertical and horizontal clearances, and other infrastructure-related safety elements. This could result in more crashes in this part of Pacific Highway because there would be new objects to the roadway system.

5.6.4.5 South Federal Way 99-West Alternative

The SF 99-West Alternative crosses over Pacific Highway three times north of the Fife Segment. Columns on the west side of Pacific Highway would be set back from the roadway to provide adequate sight distance for vehicles turning out of connecting streets or driveways.

5.6.5 Fife Segment

This section discusses the safety conditions associated with the alternatives in the Fife Segment.

5.6.5.1 Impacts Common to All Fife Alternatives

Under all Fife Segment build alternatives, safety elements of the transportation system would be similar to existing conditions, with crash types and locations consistent with those described in the Affected Environment section.

There would be an increase in vehicle and nonmotorized activity around the station area, which would increase the potential for conflicts among different travel modes, specifically at intersections where local streets intersect the arterial street network. For the preferred Fife Station, this would include the intersections of 54th Avenue E/12th Street E (Fife Intersection #12), 62nd Avenue E/12th Street E (Fife Intersection #21), and SR 99/62nd Avenue E (Fife Intersection #22), where increases in traffic volumes and delay could result in increases in crashes at these locations. For the 54th Avenue Station Option and 54th Span Station Option, nonmotorized activity would be expected to increase at the intersection of 54th Avenue E/12th Street E (Fife Intersection #12), 54th Avenue/Pacific Highway E (Fife Intersection #13), Pacific Highway E/51st Avenue E (Fife Intersection #18), and the new 12th Street E/54th Avenue E intersections (Fife Intersection #12).

Transfers between bus transit and light rail would contribute to the pedestrian traffic near the station. The bus transit and paratransit facilities would be located within the station footprint so these users would likely not be crossing at intersections near the station. The station and facilities located within the footprint would be designed to standards that minimize the potential

for conflicts among buses, nonmotorized users, and vehicles. If on-street bus stops were provided along 59th Avenue E, there could be additional nonmotorized users at the crossing of 59th Avenue E near the station. This crossing would be marked with crosswalks, lighting, and other pedestrian improvements to facilitate pedestrian movements across the street.

The Fife 54th Avenue Station Option would increase nonmotorized users along 54th Avenue E as well as at the intersection with 12th Street E and 52nd Avenue E, which would be extended from its current terminus on private property to the north. The 54th Span Station Option would have station entrances on the east and west sides of 54th Avenue E, which would result in fewer crossings of 54th Avenue E at nearby intersections. This would result in the potential for reducing conflicts between nonmotorized users and vehicles.

The Fife build alternatives could also include a multiuse path, to be provided beneath the guideway between 54th Avenue E and the SR 167 Completion Project. If constructed, the Fife Multiuse Path would introduce nonmotorized crossings of several streets along this portion of the build alternatives, including 62nd Avenue E and 59th Avenue E. These new crossings could increase the potential for conflicts among nonmotorized users and vehicles. These crossings would be marked with crosswalks, lighting, and other pedestrian improvements to facilitate crossings.

In the Fife Segment, roadside clear zones along the I-5 southbound mainline between 46th Avenue E and 20th Street E are directly adjacent to portions of all alternatives. Some portions of the I-5 mainline would maintain clear zone standards established in the WSDOT Design Manual. In areas where minimum clear zone conditions cannot be maintained, barriers or impact attenuators would be provided to “shield” vehicles from roadside hazards.

5.6.5.2 Fife Pacific Highway Alternative

There would be no additional changes to safety conditions for the Fife Pacific Highway Alternative. Columns for the elevated guideway would be set back far enough from Pacific Highway to provide adequate sight distance for vehicles turning out of connecting streets or driveways.

5.6.5.3 Fife Median Alternative

The Fife Median Alternative would include a median along Pacific Highway E, where the guideway support columns would be located. This would result in localized left-turn restrictions on Pacific Highway E as well as U-turn opportunities at intersections. Restrictions on left turns could result in minor reductions in crashes in this part of Pacific Highway E because there would be fewer locations where vehicles would be turning across traffic.

All columns and guideway infrastructure associated with the median would be designed to current standards for fixed objects, vertical and horizontal clearances, and other infrastructure-related safety elements and could result in more crashes in this part of Pacific Highway E because this adds new objects to the roadway system.

5.6.5.4 Fife I-5 Alternative

There would be no additional changes to safety conditions for the Fife Pacific Highway Alternative because the guideway would be grade-separated and operate in exclusive right-of-way, with no direct conflicts with vehicles, pedestrians, or bicyclists.

5.6.6 Tacoma Segment

This section discusses the safety conditions associated with the alternatives in the Tacoma Segment.

5.6.6.1 Impacts Common to All Tacoma Segment Build Alternatives

Under all Tacoma Segment build alternatives, safety elements of the transportation system would be expected to be similar to existing conditions, with crash types and locations consistent with those described in the Affected Environment chapter. There would be an increase in vehicle and nonmotorized activity around the station area, which would increase the potential for conflicts among different travel modes.

Some intersections along E Portland Avenue – including E Portland Avenue/E 25th Street (Tacoma Intersection #32), E Portland Avenue/E 26th Street (Tacoma Intersection #33), and E Portland Avenue/E 27th Street (Tacoma Intersection #34) – would experience increases in traffic volumes and delay, which could result in increases in crashes along this corridor. The intersection of E Bay Street and the SR 167 access ramps (Tacoma Intersection #37) would also experience more congestion relative to other roadways in the study area. This congestion increase could result in a commensurate increase in crashes.

Transfers between bus transit and light rail at the Portland Avenue Station would contribute to the pedestrian traffic near the station. The bus transit and paratransit facilities would be located within the station footprint, so these users would likely not be crossing at intersections near the station. The station and facilities located within the footprint would be designed to standards that minimize the potential for conflicts among buses, nonmotorized users, and vehicles.

The Portland Avenue Span Station Option would include on-street bus stops; however, the potential for conflicts among buses, nonmotorized users, and vehicles would be lessened through the inclusion of station entrances on both sides of E Portland Avenue. This would likely result in a reduction of pedestrians crossing E Portland Avenue at grade to make transfers between modes.

5.6.6.2 Tacoma 25th Street-West Alternative

Transfers between bus transit and light rail at the Tacoma 25th Street-West Station would contribute to the pedestrian traffic near the station. The bus transit facilities would be located at the existing transit plaza on Puyallup Avenue, which can be accessed via the existing transit plaza at the Tacoma Dome Station, so most users would likely not be crossing at intersections near the station. This would minimize the potential for conflicts among buses, nonmotorized users, and vehicles.

The Sounder tracks are at grade along East D Street. Nonmotorized users could use East D Street to access the station, which could introduce some additional nonmotorized crossings of the Sounder tracks. However, the Sounder at grade crossing has safety measures, including pedestrian crossing gates and signage, and the station design includes the potential for a nonmotorized bridge. The nonmotorized bridge would allow grade-separated crossings of the Sounder tracks with a direct connection into the station mezzanine.

5.6.6.3 Tacoma 25th Street-East Alternative

Transfers between bus transit and light rail at the Tacoma 25th Street-East Station would contribute to the pedestrian traffic near the station. The bus transit facilities would be located at

the existing transit plaza on Puyallup Avenue as well as on East G Street. The Tacoma 25th Street-East Station would include the potential for a nonmotorized bridge between the station mezzanine and E 25th Street. This would allow nonmotorized users to avoid the at-grade crossing of East G Street and improve pedestrian safety.

5.6.6.4 Tacoma Close to Sounder Alternative

Transfers between bus transit and light rail at the Tacoma Close to Sounder Station would contribute to the pedestrian traffic near the station. The bus transit facilities would be in a new transit plaza on the parcel between Puyallup Avenue, E 25th Street, E McKinley Avenue, and East G Street. Users would likely cross East G Street at grade to transfer between bus and rail, which could result in the potential for conflicts among buses, nonmotorized users, and vehicles.

Two additional bus transit concepts could be paired with the Tacoma Close to Sounder Alternative: the 25th Street One-Way Option and the 25th Street Two-Way Transit-Only Option.

The 25th Street One-Way Option would provide on-street bus stops along E 25th Street between East D Street and East G Street as well as a bus transit plaza on the parcel between E 25th Street, East C Street, East D Street, and the Sounder tracks. Some transfers between bus and rail would cross East D Street to access the bus transit plaza on E 25th Street and East D Street. This intersection is signalized and includes marked crosswalks. There could be the potential for conflicts among vehicles and nonmotorized users.

The 25th Street Two-Way Transit-Only Option would provide bus stops in both directions of travel along E 25th Street between East D Street and East G Street. Some transfers between bus and rail would cross E 25th Street. The 25th Street Two-Way Transit-Only Option would also result in double-tracking of T Line along E 25th Street between East D Street and East G Street. This would introduce an additional at-grade crossing of T Line. Crossings would be isolated to the two midblock crossing locations and would include pedestrian safety improvements; however, there could be the potential for conflicts among vehicles, buses, rail, and nonmotorized users.

The Sounder tracks are at grade along East D Street. Nonmotorized users may use East D Street to access the station, which could introduce some additional nonmotorized crossings of the Sounder tracks. However, the existing Sounder at-grade crossing has safety measures, including pedestrian crossing gates and signage, and the station design would include a nonmotorized bridge. The nonmotorized bridge would allow grade-separated crossings of the Sounder tracks with a direct connection into the station mezzanine.

5.6.6.5 Tacoma 26th Street Alternative

Transfers between bus transit and light rail at the Tacoma 26th Street Station would contribute to the pedestrian traffic near the station. The bus transit facilities would be provided in a transit plaza at E 27th Street between East D Street and East F Street. Users would likely need to cross a low-volume driveway on East D Street to transfer between bus and rail, which could result in the potential for conflicts among nonmotorized users and vehicles.

The Sounder tracks are at grade along East D Street. Nonmotorized users may use East D Street to access the station, which could introduce some additional nonmotorized crossings of the Sounder tracks. However, the existing Sounder at-grade crossing has safety measures including pedestrian crossing gates and signage, and the station design would include a nonmotorized bridge. The nonmotorized bridge would allow grade-separated crossings of the Sounder tracks with a direct connection into the station plaza area.

5.7 Parking

This section documents the amount of public on-street and off-street parking that would be removed by the build alternatives and assesses the potential for the station parking demand to exceed capacity. In areas where parking demand may exceed available supply at the stations, the potential for spillover to nearby on-street parking that surrounds the station areas is assessed. It also summarizes the amount of private (off-street) parking that would be removed with any of the build alternatives as well as parking loss associated with partial property acquisitions. Detailed public and private parking impacts for all build alternatives are summarized in Attachment D to this Appendix J1.

Key findings and comparisons between build alternatives include the following:

- The build alternatives would remove between 80 and 230 public parking spaces throughout the entire study area. The public parking loss would be confined to the Federal Way/ S 320th Street Park and Ride or to on-street parking in the area near the Tacoma Dome.
- The build alternatives could result in a loss of between 30 and 120 parking spaces on private business or residential properties, depending on the build alternative.
- Depending upon the build alternative, parking losses associated with partial property acquisitions range from 500 to 750 parking spaces; full property acquisitions are not included in these totals because they would remove the corresponding demand associated with parking removal.
- The stations in both Fife and South Federal Way include construction of 500-stall park-and-ride facilities to accommodate transit users who drive to/from the stations.
- Neither of the stations in Tacoma (Portland Avenue Station or any of the station locations near the Tacoma Dome) would provide additional public parking with the construction of TDLE. The Tacoma Dome Station currently has 2,337 parking spaces.
- An increased usage of unrestricted on-street parking by TDLE patrons may be experienced around the Portland Avenue Station location because no additional parking would be provided by TDLE, and both public and private time-unlimited parking exist within 0.25 mile of the proposed Portland Avenue Station location. On-street parking near the station locations in South Federal Way and Fife and any of the station locations near the Tacoma Dome is not anticipated to increase notably because of the adjacent park-and-ride facilities.

5.7.1 No-Build Alternative

The No-Build Alternative includes projects, funding packages, and proposals in the central Puget Sound region that are planned to occur with or without TDLE. The No-Build Alternative has potential for some parking impacts to occur as a result of pending development and transportation projects that are in the environmental and design process.

5.7.2 Impacts Common to All Build Alternatives

Table 5-35 summarizes the number of public on- or off-street parking spaces removed, private parking spaces removed, and parking spaces that would be removed for construction staging resulting from partial business acquisition for each build alternative compared with the No-Build Alternative. All build alternatives would affect the availability of private off-street parking for businesses and residents near the proposed alignments and stations. Public off-street parking would not be removed with any of the build alternatives or station options except for both South

Federal Way alternatives, which would remove portions of the Federal Way/S 320th Street Park and Ride. Private parking spaces within properties that are expected to be entirely acquired by Sound Transit for an alternative are not considered in the analysis of the build alternatives because the corresponding demand for the parking spaces would also be removed. Private parking that would be removed due to partial property acquisitions could reduce business activity in those locations, make the business nonconforming to city parking standards, and/or limit the type of business that could occupy the space based on the remaining number of parking spaces. If the removed parking was deemed to make the property unviable, it was considered a full acquisition and was not included in the parking impacts assessment.

Table 5-35 Parking Impacts by Build Alternative

Segment	Alternative	Removed Public (On- or Off-Street Spaces)	Removed Private Parking Spaces	Total Parking Removed
Federal Way	FW Enchanted Parkway Alternative	79	248	327
	FW Enchanted Parkway Alternative with Design Option	42	259	301
South Federal Way	SF Enchanted Parkway Alternative, including SF Enchanted Parkway Station	0	96	96
	SF I-5 Alternative, including SF I-5 Station	0	3	3
	SF 99-West Alternative, including SF 99-Enchanted Station	0	64	64
	SF 99-East Alternative, including SF 99-352nd Station	0	22	22
	SF 99-West Alternative, including SF 99-Enchanted Station with Porter Way Design Option	0	64	64
	SF 99-East Alternative, including SF 99-352nd Station with Porter Way Design Option	0	26	26
Fife	Fife Pacific Highway Alternative, including Fife Station	0	200	200
	Fife Pacific Highway Alternative with 54th Avenue Design Option	0	198	198
	Fife Pacific Highway Alternative with 54th Span Design Option	0	190	190
	Fife Median Alternative, including Fife Station	0	254	254
	Fife Median Alternative, including 54th Avenue Station Option	0	252	252
	Fife Median Alternative, including 54th Span Station Option	0	244	244
	Fife I-5 Alternative, including Fife Station	0	193	193
	Fife I-5 Alternative, including 54th Avenue Station Option	0	191	191
	Fife I-5 Alternative, including 54th Span Station Option	0	184	184
Tacoma	Preferred Tacoma 25th Street-West Alternative, including Portland Avenue Station and 25th Street-West Station	166	3	169
	Tacoma 25th Street-East Alternative, including Portland Avenue Station and 25th Street-East Station	187	3	190
	Tacoma Close to Sounder Alternative, including Portland Avenue Station and Close to Sounder Station	40	0	40
	Tacoma 26th Street Alternative, including Portland Avenue Station and 26th Street Station	86	5	91

Sources: TDLE Team estimated parking impacts based on the 10 percent design drawings.

In general, the build alternatives would impact public on-street and off-street parking in the South Federal Way Segment and the Tacoma Segment. Impacts to public off-street parking are limited to the Federal Way Segment and vary from 42 to 79 spaces removed depending on the alternative. Impacts to public off-street parking in the Federal Way Segment are limited to the Federal Way/S 320th Street Park and Ride.

Impacts to public on-street parking spaces are limited to the station locations near the Tacoma Dome and range between 40 and 190 impacted spaces, depending upon the build alternative. The locations of these parking impacts are expected to occur on E 25th Street (between East D Street and East J Street) or on E 26th Street (between East D Street and East G Street), depending upon the build alternative.

Permanent parking impacts from partial acquisitions of private property to accommodate the guideway, structure, and supports along the corridor were evaluated separately from construction staging acquisitions. There are permanent parking impacts from partial acquisitions in all four project segments. The Fife and South Federal Way segments have the largest potential impacts to private parking; these impacts are located primarily along Pacific Highway and properties adjacent to I-5. These permanent parking impacts range from approximately three to 14 spaces impacted in the Federal Way Segment, none to 77 in the South Federal Way Segment, 19 to 82 in the Fife Segment, and three to five in the Tacoma Segment.

Parking impacts for each alternative are described in the following sections.

5.7.3 Federal Way Enchanted Parkway Alternative

The Preferred FW Enchanted Parkway Alternative would remove approximately 79 public off-street parking spaces located at the Federal Way/S 320th Street Park and Ride. Current utilization of this 515-space park-and-ride is 18 percent, or 95 spaces. While future utilization of this park-and-ride could increase, the number of parking spaces remaining is more than the current and forecast usage. Any changes to the Federal Way/S 320th Street Park and Ride facility would be coordinated with WSDOT. The Preferred FW Enchanted Parkway Alternative would permanently remove 248 private parking spaces because of partial business acquisitions for construction of the alignment and to accommodate guideway and associated features.

The FW Design Option for the Preferred FW Enchanted Parkway Alternative would include a modified alignment at the northern end of the TDLE project. This design option associated with a design speed of 55 mph would impact fewer spaces at the Federal Way/S 320th Street Park and Ride. Parking impacts associated with this design option include 42 public parking spaces at the Federal Way/S 320th Park and Ride (a reduction of approximately 40 spaces), 259 private parking spaces from partial business acquisitions to accommodate construction of the guideway and related features.

5.7.4 South Federal Way Enchanted Parkway Alternative

The SF Enchanted Parkway Alternative, including the SF Enchanted Parkway Station, would permanently remove approximately 96 private parking spaces from businesses along Enchanted Parkway from alignment impacts, and construction of the guideway and station.

5.7.5 South Federal Way I-5 Alternative

The South Federal Way I-5 Alternative has a proposed alignment along the west side of southbound I-5 with the South Federal Way station adjacent to the interstate. The current design of this alternative shows that the SF I-5 Station would be constructed south of S 356th Street and east of Enchanted Parkway. Construction of this alternative would have permanent impacts to three private parking because of partial acquisitions or alignment impacts.

5.7.6 South Federal Way 99-East Alternative

The SF 99-East Alternative, including the SF 99-352nd Station would permanently remove approximately 26 private parking spaces from businesses along Enchanted Parkway and Pacific Highway. Most of these permanent parking impacts would be spaces in the Walmart parking lot between I-5 and SR 18, with an estimated 20 parking spaces removed. The SF 99-East Alternative and all design options would have impacts to the loading docks for U-Haul in Federal Way off South 352nd Street.

The SF Porter Way Design Option would displace approximately six private business parking spaces with partial property acquisitions. This design option would have the same impacts to parking spaces in the Walmart parking lot, with an estimated 20 spaces permanently removed.

5.7.7 South Federal Way 99-West Alternative

The SF 99-West Alternative, including the SF 99-Enchanted Station, would permanently remove approximately 61 private parking spaces from businesses along Enchanted Parkway and Pacific Highway and approximately three private residential parking spaces from properties on SR 99. Nearly one-third of permanent impacts private business spaces would be in the Walmart parking lot between I-5 and SR 18, with an estimated 20 parking spaces removed.

The SF Porter Way Design Option would have very similar permanent parking impacts along the corridor and would remove an estimated 61 private business parking spaces and an estimated 3 private residential parking spaces. This design option would have the same impacts the Walmart parking lot, with an estimated 20 spaces permanently removed.

5.7.8 Fife Pacific Highway Alternative

The current design of the Fife Pacific Highway Alternative, including Fife Station, shows a proposed alignment along the southern side of Pacific Highway. Most parking impacts associated with the Fife Pacific Highway Alternative would be partial acquisitions for construction staging and would permanently displace approximately 200 private business parking spaces along the alignment because of partial property acquisitions for the guideway and station. None of the build alternatives within the Fife Segment are anticipated to incur public parking impacts.

The 54th Avenue Design Option and 54th Span Design Option include other station options along 54th Avenue. There would be similar permanent parking impacts from partial business acquisitions, with 198 private parking spaces permanently removed for the 54th Avenue Design Option and 190 spaces permanently removed for the 54th Span Design Option.

5.7.9 Fife Median Alternative

The Fife Median Alternative, including the Fife Station, has a proposed alignment within the median of Pacific Highway and is anticipated to displace approximately 254 private business parking spaces from partial acquisitions to accommodate the guideway, station, and related features. None of the build alternatives within the Fife Segment are anticipated to incur public parking impacts.

The 54th Avenue Design Option and 54th Span Design Option include other station options along 54th Avenue and would have similar permanent parking impacts compared to the preferred Fife Station with the Fife Median Alternative. An estimated 252 parking spaces would be permanently removed for the Fife 54th Avenue Design Option and 244 parking spaces would be permanently removed for the Fife 54th Span Design Option.

5.7.10 Fife I-5 Alternative

The Fife I-5 Alternative, including Fife Station, has a proposed alignment along the north side of I-5 southbound in Fife and is anticipated to permanently remove a total of 193 parking spaces: 185 from partial business acquisitions and eight from partial residential acquisitions to accommodate the guideway and station through the Fife Segment.

The 54th Avenue Design Option and the 54th Span Design Option include other station options along 54th Avenue and would have similar permanent parking impacts compared to the preferred Fife Station with the Fife I-5 Alternative. An estimated 191 parking spaces would be permanently removed for the Fife 54th Avenue Design Option and 184 parking spaces would be permanently removed for the Fife 54th Span Design Option.

5.7.11 Tacoma 25th Street-West Alternative

Parking impacts associated with the Tacoma 25th Street-West Alternative are anticipated to be confined to E 25th Street between East D Street and East M Street. Approximately 170 public on-street parking spaces are expected to be displaced by the guideway and station. Approximately 70 percent of public on-street parking impacts associated with this alternative would occur on E 25th Street between East D Street and East J Street. This alternative would displace about five private business parking spaces. The current design of this alternative proposes the construction of roughly 15 public on-street parking stalls on E 25th Street between East D Street and McKinley Avenue. No partial business acquisitions are anticipated to be needed for this alternative.

5.7.12 Tacoma 25th Street-East Alternative

Parking impacts associated with the Tacoma 25th Street-East Alternative are anticipated to be confined to E 25th Street between East D Street and East M Street. This alternative would displace approximately 185 on-street public parking spaces and five private business parking spaces and would provide approximately 40 new public on-street parking stalls on the south side of E 25th Street, between East D Street and East G Street.

A design option for the Tacoma 25th Street-East Alternative would shift the proposed location of the Portland Avenue Station from east of Portland Avenue (between E 27th Street and E 26th Street) to west of Portland Avenue (between E 26th Street and E 25th Street). This design option would have similar private business parking impacts and similar proposed public

on-street parking stalls and would result in the displacement of approximately 190 on-street parking spaces.

5.7.13 Tacoma Close to Sounder Alternative

The Tacoma Close to Sounder Alternative alignment would be parallel to existing Sounder/Amtrak lines on the south side of E 25th Street. Compared with previously discussed alternatives, this alternative would incur fewer public on-street parking impacts. Approximately 40 public on-street parking stalls would be displaced with this alternative. These impacts would occur on the south side of E 25th Street (between East D Street and East G Street) and would be replaced with roughly 35 new public on-street parking stalls. No private parking spaces are anticipated to be impacted by this alternative.

The design option for this alternative would modify the proposed location of the Portland Avenue Station from east of Portland Avenue (between E 27th Street and E 26th Street) to the west so that it spans over Portland Avenue (between E 26th Street and E 25th Street). This design option would have similar private and public parking impacts but would provide approximately 25 new public on-street parking stalls on the south side of E 25th Street (between East D Street and East G Street).

5.7.14 Tacoma 26th Street Alternative

The Tacoma 26th Street Alternative shows an alignment that is parallel to existing Sounder/Amtrak lines on the south side of E 25th Street. This alignment continues onto E 26th Street and has a proposed station platform location at the intersection of E 26th Street and East D Street.

The alignment of the Tacoma 26th Street Alternative is anticipated to impact approximately five private business parking stalls and 90 public on-street parking spaces. Public parking impacts associated with this alternative are primarily located on E 26th Street between East D Street and East G Street. The current design of the Tacoma 26th Street Alternative would provide approximately 40 new public on-street parking stalls within this section of E 26th Street.

The design option for this alternative would modify the proposed location of the Portland Avenue Station from east of Portland Avenue (between E 27th Street and E 26th Street) to the west so that it spans over Portland Avenue (between E 26th Street and E 25th Street) and is expected to incur similar parking impacts.

5.7.15 Station Area Parking

The two proposed light rail station facilities in South Federal Way and Fife would both include the construction of new park-and-ride facilities to accommodate the increase in demand. Each park-and-ride facility is proposed to have roughly 500 parking spaces. Each of the stations would include parking spaces for pickup/drop-off (including accessible spaces) and paratransit. Accessible spaces would be provided at each of the parking facilities at South Federal Way and Fife.

For the stations in South Federal Way and Fife, the 500-space parking facilities could be delayed until 2038, approximately 3 years after light rail operations begin in 2035. there would be some shift in mode of access to both stations to pickup/drop-off, walk/bike, and transit. In the interim years during which the South Federal Way and Fife stations would be open with some or

no parking available on the station site, there would be somewhat lower ridership at both stations and there would be more demand for pickup/drop-off spaces.

No additional parking would be provided at either of the stations in the Tacoma Segment for the build condition. The Portland Avenue Station and the Portland Avenue Span Station option would serve only pickup/drop-off, nonmotorized, and transit transfers and would not have any dedicated park-and-ride facility. The existing Tacoma Dome Station currently has more than 2,300 parking stalls and is close to 100 percent utilized under existing conditions.

In each of the station areas, there is the potential for parking spillover onto private property or unrestricted on-street parking. In Federal Way and Fife, transit riders may choose to park in retail lots such as at Federal Way Crossings or the Emerald Queen Hotel and Casino, although these lots are intended only for retail and recreational patrons. Both stations in South Federal Way and Fife would include a 500-space parking facility, but there is still some potential for spillover parking. There is no unrestricted on-street parking in either the South Federal Way or Fife station areas.

In Tacoma, the possibility of Sound Transit riders using unrestricted on-street parking exists in the residential area west of E Portland Avenue and at parking lots associated with the Emerald Queen Casino. Neither the Portland Avenue Station or Span Option provides park-and-ride facilities, only pickup/drop-off locations, so drivers may resort to parking on-street. Currently, nearby on-street parking has no time restrictions and is less than 40 percent utilized, but parking controls could be considered to restrict TDLE users from this area. The newly constructed parking lots for the Emerald Queen Casino could also be used for TDLE patrons because the lot would be less than 0.25 mile from the proposed Portland Avenue Station location. It is anticipated that the Emerald Queen Casino and other private businesses near the stations would have parking controls in place to deter unauthorized use.

The possibility of TDLE patrons using unrestricted on-street parking could also exist in Tacoma around the potential station locations near the Tacoma Dome. The existing Tacoma Dome Station parking garage is currently near capacity, with almost 100 percent of the stalls used daily for commuters and other station users. Off-street parking near the Tacoma Dome is currently 45 percent occupied, so TDLE users could use these public off-street lots as needed. In addition, over 70 percent of the on-street public parking near the Tacoma Dome was utilized, while much of the parking is time-limited; this parking control would minimize TDLE patron use of public on-street parking in the station area.

5.7.16 Interim Terminus

With an interim terminus at the station in South Federal Way or Fife, 500 parking spaces would be included at the station. Since this is the same as the full-length TDLE alternatives, the impacts would be similar for either interim terminus. Parking demand at the South Federal Way interim terminus, based on rider mode of- access, would be comparable to the South Federal Way station in either the Fife interim terminus or the full build condition to Tacoma Dome.

5.8 Navigation

This section summarizes the qualitative assessment of impacts to navigable waterways in the study area.

The key finding and comparisons between build alternatives include the following:

- TDLE build alternatives would have no long-term effects on navigation on any navigable waterways in the study area.

5.8.1 No-Build Alternative

The navigable waterways and usage would be expected to be similar to existing conditions as described in the Affected Environment chapter.

5.8.2 Impacts Common to All Build Alternatives

The operation of TDLE with all build alternatives would not affect navigation on the Puyallup River or Thea Foss Waterway.

The Puyallup River crossing could include columns within the ordinary high-water mark, depending on the bridge type. Any in-water bridge columns would be outside of the navigation channel and would maintain navigability by recreational and small craft. However, an in-water column may change vessel movement outside of the navigation channel. The bridge height would be the same or higher than the existing I-5 bridge and higher than the downstream Milwaukee Railroad Puyallup River Bridge; therefore, it would not reduce the existing vertical clearance. The Thea Foss Waterway, north of the potential station locations near the Tacoma Dome, would not be impacted.

6 CONSTRUCTION IMPACTS

This chapter provides an overview of potential construction impacts and mitigation measures for regional transportation facilities and travel, transit, arterials and local streets, parking, nonmotorized facilities, freight mobility and access, safety, and waterway navigation that would be caused by the construction of the TDLE build alternatives.

This section provides an overview of potential construction activities and timing. Major activities would include:

- Civil construction: This includes utility relocation, foundation and column placement, guideway construction, and track work, followed by construction of other facilities such as stations, park-and-ride lots and structures, and ancillary facilities.
- Systems installation: This includes the installation of the electrical system that would power the trains.
- Testing and startup activities: Before beginning revenue operations, Sound Transit would complete a safety certification process by testing vehicles, communications, safety, and emergency systems.

The duration of construction could range from approximately 1 to 4 years in any given portion of the corridor. Activities would be most intense in the initial part of construction, with later periods involving station finishing, systems installation, and testing. For all build alternatives, construction would likely be staged and occur in approximately half-mile-long work zones. Construction activities expected to have roadway impacts include utility relocation, street reconstruction, foundation and column construction, guideway placement, truck hauling, demolition, and construction staging. The impacts from truck hauling were evaluated based on the number of truck trips and potential haul routes, as discussed in the following subsection.

The SR 167 Completion Project was included in the 2042 No-Build Alternative for the TDLE analysis. The SR 167 Completion Project was originally funded over a 16-year timeline, with targeted completion in 2031. The state Legislature advanced program funding in the 2019 session, accelerating project completion to 2028. Stage 1a was completed in 2022 and Stage 1b is expected to be completed in 2026. Stage 2 of construction connecting the SR 167 interchange with SR 161 in Puyallup should be completed in 2028 prior to TDLE construction but may overlap with the beginning of the TDLE construction period. Due to the uncertainty of the timing/sequencing of major construction activities for TDLE and the end of Stage 2 for the SR 167 Completion Project, this chapter analyzes only TDLE project construction impacts. Potential combined impacts of both projects being constructed at the same time are discussed in Chapter 9, Cumulative Impacts.

There are several factors that affect how a project is built, including site-specific conditions, permit requirements, and market conditions at the time of construction. Many impacts described in this chapter are discussed qualitatively because it is not known exactly how the project would be constructed and the design would likely be adjusted during preliminary and final design as additional information on site conditions is obtained. Sound Transit will coordinate with each jurisdiction regarding the necessary permits required for construction, and specific mitigation measures would be determined through these permitting processes.

6.1 Maintenance of Traffic, Truck Volumes, and Haul Routes

Figures 6-1 through 6-4 show the potential construction staging areas and truck haul routes for the TDLE build alternatives in each segment. The potential construction staging areas and truck haul routes would include and be adjacent to where guideway construction would occur and in the vicinity of the station areas. For elevated guideway construction, peak truck trips are estimated at 10 to 15 trucks per hour for concrete delivery, or between 80 and 240 trips per day, assuming 8 to 16 hours per day of active construction. The duration of this truck activity would vary from a few nights to several months at a given location, depending on the type of construction. A similar level of truck activity is expected for earthwork activities, but this would be focused on trucks hauling material during excavation and backfill operations and would not occur at the same time and location as guideway construction.

Construction truck traffic would typically use I-5, I-5 ramps, Pacific Highway (SR 99), and other truck routes in the study area, and/or, if required, other principal arterials to access the construction areas. There could be direct access allowed from the I-5 mainline, pending coordination with and approval from WSDOT, where staging areas are adjacent to I-5 and in the following areas:

- Transmission and distribution electrical line relocations across I-5.
- Tree removal along I-5.

Tree removal along I-5 would likely require closure of the southbound shoulder and possibly one lane periodically over several months for safety purposes. This activity is expected to occur only during the daytime hours outside of peak commute periods.

A Maintenance of Traffic Plan that addresses all transportation modes would be prepared during subsequent TDLE design and construction phases for agency approval. The Maintenance of Traffic Plan would include detailed design drawings that establish all physical and operating characteristics for staging, access, lane or shoulder closures and transitions, hauling, traffic management (including general-purpose traffic, transit, bicycle, and pedestrian traffic), detours, lane modifications, and other construction zones or activities. The plan would incorporate guidance in the FHWA Manual on Uniform Traffic Control Devices (2009) and the WSDOT Transportation Management Plan strategies in Chapter 1010 of the Design Manual (2020) to be applied during construction periods.

6.2 Regional Facilities and Travel

6.2.1 Impacts Common to All Alternatives

In addition to Pacific Highway and I-5, there are also several regional roadway facilities that would be impacted by TDLE construction. Approval would be needed from WSDOT and local jurisdictions for traffic control plans for all build alternatives. All alternatives would require nighttime closure of local roads for adjacent guideway construction. Impacts specific to each build alternative are described below.

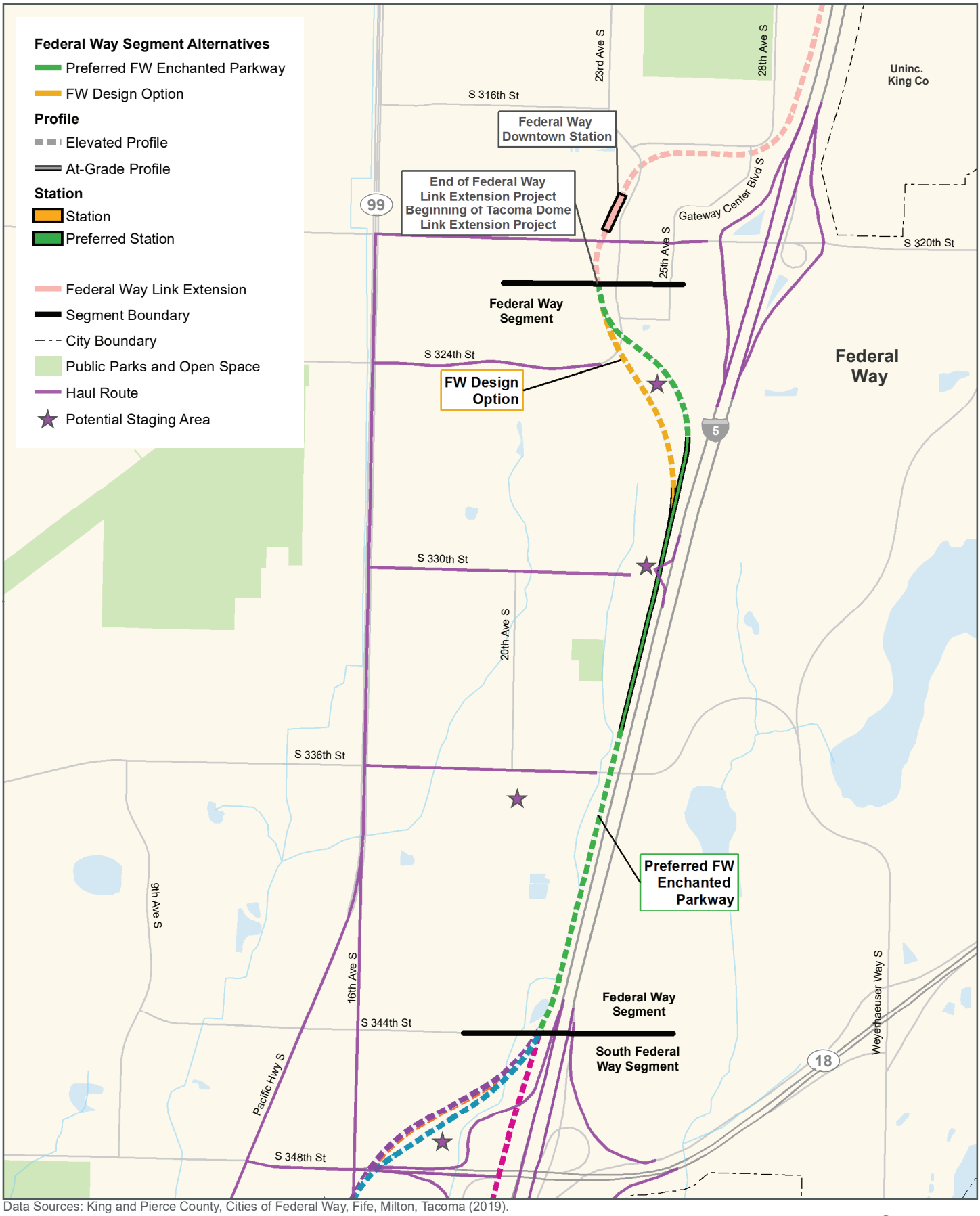

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.25 0.5 Mile

FIGURE 6-1
Truck Hauling Routes
Federal Way Segment

Tacoma Dome Link Extension

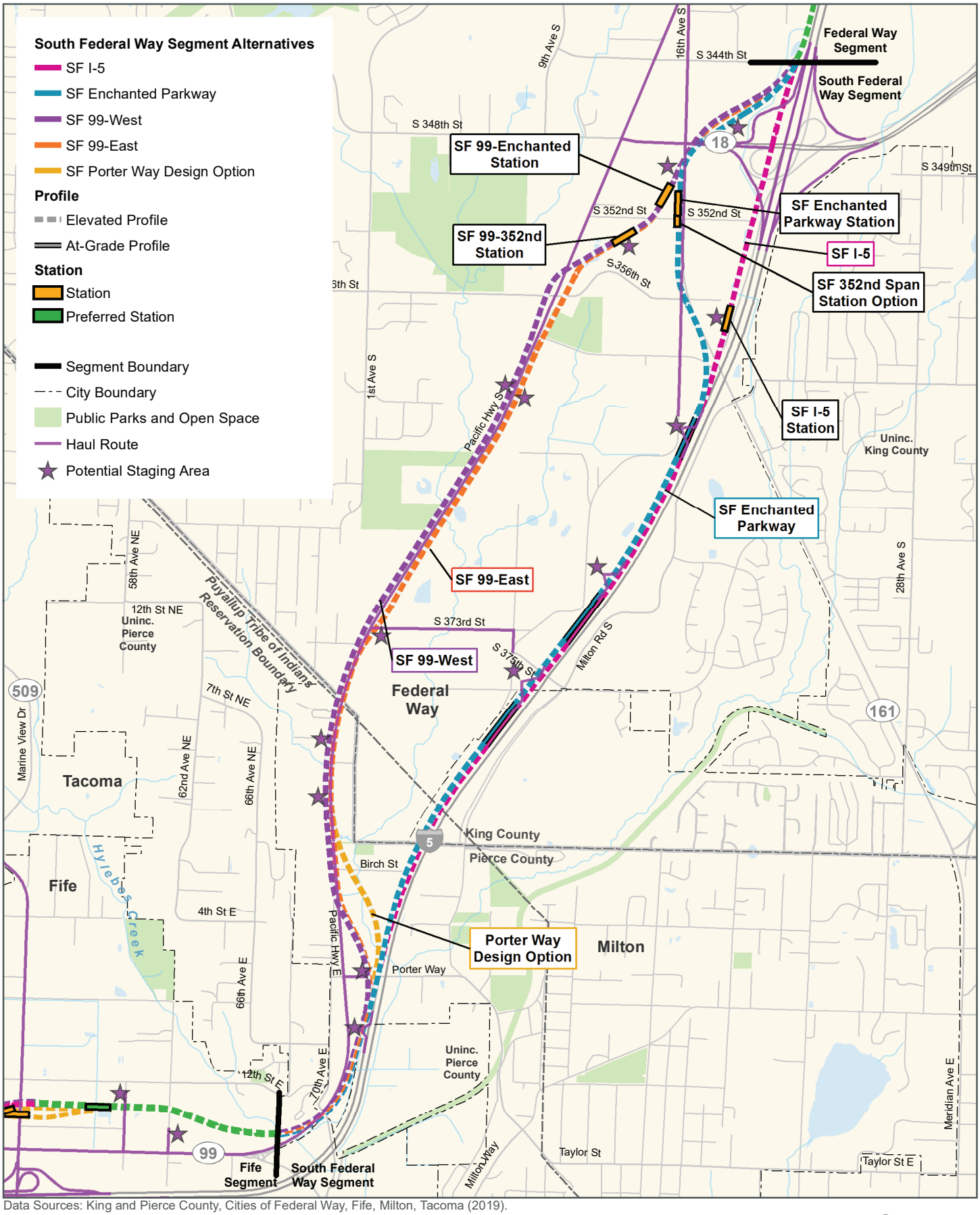

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 6-2
Truck Hauling Routes
South Federal Way Segment

Tacoma Dome Link Extension

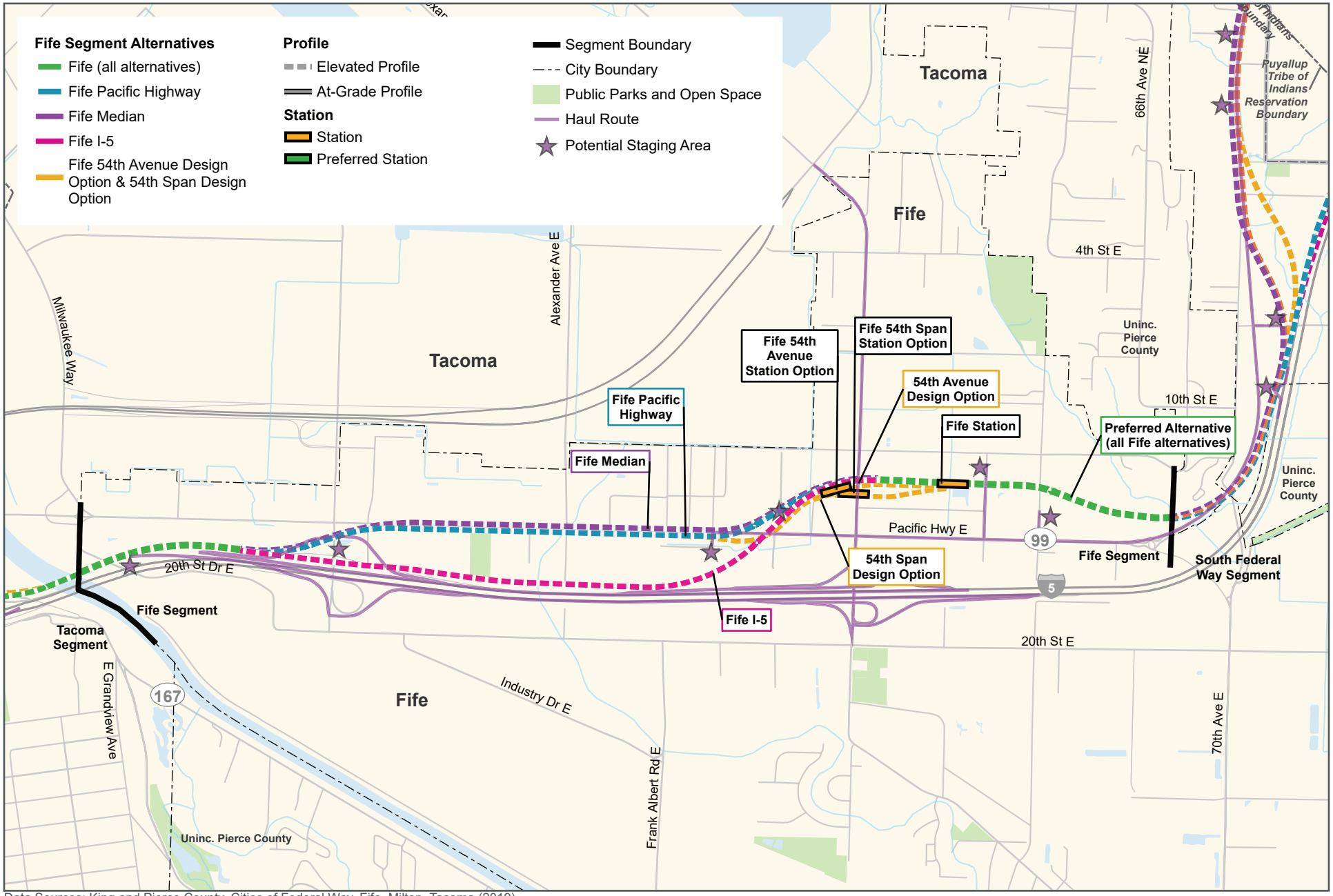

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 6-3
Truck Hauling Routes
Fife Segment

Tacoma Dome Link Extension

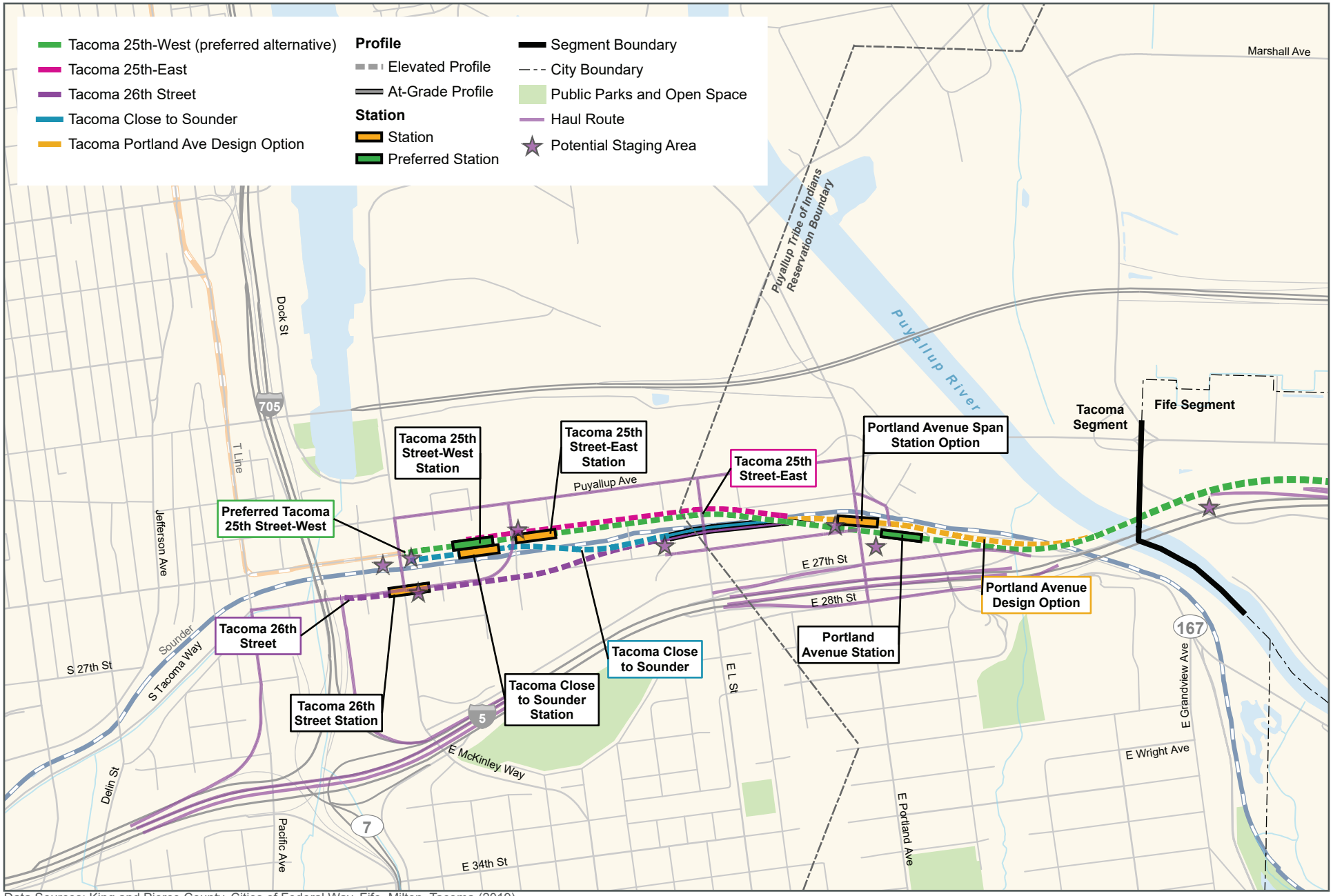

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 6-4
Truck Hauling Routes
Tacoma Segment

Tacoma Dome Link Extension

6.2.2 Federal Way and South Federal Way Segments

Construction along I-5 would have few impacts to highway operations on the I-5 mainline or shoulders.

The SF 99-East and SF 99-West Alternatives extend along Pacific Highway (SR 99) for approximately 2 miles and would require temporary roadway closures. The SF 99-East Alternative includes a section of alignment in the median of SR 99 that may require more extensive nighttime and weekend closures and daytime lane reductions. The SF 99-East Alternative would cross over SR 99 northbound into the roadway median south of S 373rd Street and cross over the northbound travel lanes again south of Birch Street. The SF 99-West Alternative would cross SR 99 north of S 356th Street and north of Birch Street. All South Federal Way Segment build alternatives would cross SR 99 near the intersection with 70th Avenue E. This crossing would require temporary roadway closures when the aerial guideway straddle bent structure is constructed spanning the highway.

All construction activities would occur west of the I-5 mainline. Truck access to the construction areas would be provided west of the guideway via arterials, local streets, I-5 interchanges, and I-5 shoulders between interchanges with approval from WSDOT. Up to 15 trucks per hour would use the I-5 mainline and ramps. Direct access to the construction area would be provided from the I-5 mainline as negotiated with WSDOT. A small increase in delay could occur at ramp terminal intersections. A Maintenance of Traffic Plan that addresses all modes would be prepared during subsequent TDLE design phases for agency approval.

There is a closed WSDOT truck weigh station located just south of Todd Beamer High School that the TDLE guideway would cross. The elevated guideway would include columns placed within the limits of the weigh station. Vehicle access to the WSDOT stormwater facility at the truck weigh station site would be maintained in the completed state for WSDOT access and potentially for project construction access, pending approval from WSDOT.

6.2.3 Fife Segment

The Fife Pacific Highway and Fife Median alternatives would cross over and into the Pacific Highway right-of-way and would traverse it from Willow Road E to Port of Tacoma Road. The Fife Pacific Highway Alternative is located just south of Pacific Highway and would require the installation of several columns in existing parking spaces for businesses on the south side of the street. The Fife Median Alternative is located in the median of Pacific Highway and would require extensive reconstruction and reconfiguration of the roadway, including partial and full shutdown of travel lanes for 1 to 4 years.

6.2.4 Tacoma Segment

The TDLE guideway crossing over the Puyallup River is located in the footprint of the former I-5 southbound bridge. On the east side of the crossing, 20th Avenue S would be realigned, requiring a full closure. On the west side, the on-ramp to southbound I-5 from E Bay Street may experience varying degrees of impact, from temporary overnight closures to full closure and temporary realignment to avoid conflict with construction of TDLE guideway columns. All other roadway construction impacts to roadway facilities in Tacoma are on local streets, which is described below in the Arterial and Local Streets section.

6.2.5 Potential Mitigation Measures

During TDLE construction, Sound Transit would work with WSDOT, the Port of Tacoma, and the local jurisdictions to develop a detailed construction plan. This plan would coordinate construction activities, such as incident management, construction staging, traffic control, and closure details, where light rail construction might affect either I-5 or Pacific Highway. Sound Transit would also coordinate with WSDOT and local jurisdictions to disseminate construction closure information to the public as needed.

No long-term transportation impacts were identified for regional transportation facilities as a result of TDLE; therefore, no mitigation for long-term impacts on regional transportation facilities would be needed. Construction mitigation measures, including traffic control, closure details, safety and construction barriers, and signage, will be included in a detailed construction plan to be coordinated with WSDOT.

6.3 Transit Operations

6.3.1 Impacts Common to All Alternatives

All build alternatives would involve lane closures, bus stop relocations, partial or full temporary closures of park-and-ride facilities, and sidewalk impacts that could affect transit operations within the TDLE study area during construction.

6.3.2 Federal Way Segment

In the Federal Way Segment, construction of the Preferred FW Enchanted Parkway Alternative would include guideway spanning 23rd Avenue S and extending through the South Federal Way Park and Ride on the west side of the roadway. Periodic roadway or lane closures on 23rd Avenue S and construction staging in the South Federal Way Park and Ride would impact bus service as this section of the guideway is constructed. For extended periods during construction, transit vehicles and riders would not be able to access the South Federal Way Park and Ride from the southern driveway on 23rd Avenue S, where it bends and becomes S 324th Street.

6.3.3 South Federal Way Segment

All build alternatives are expected to impact bus service along Pacific Highway (SR 99) near 70th Avenue E where the guideway crosses SR 99 to connect with the Fife Segment. Construction activities along portions of the guideway parallel to I-5 are not expected to impact bus service.

The SF Enchanted Parkway Alternative would include guideway construction in and adjacent to the Federal Way Crossings shopping area in South Federal Way. There is existing bus service on Enchanted Parkway, so any lane closures during guideway and column construction would impact bus service. There would also be additional delays on bus service for this alternative due to the increased traffic delay from temporary road-capacity reductions. Temporary access restrictions or closures could also be required during construction along Enchanted Parkway.

The SF I-5 Alternative would have few impacts on local bus service because it would not have any construction impacts on Enchanted Parkway except for the TDLE guideway crossing of Enchanted Parkway just west of I-5.

The SF 99-West Alternative would impact transit service along SR 99 during construction of the guideway with partial and periodic closures along a 2.2-mile stretch of SR 99 in the South Federal Way Segment. Crossings of SR 99 north of S 356th Street and south of Birch Street are likely to affect transit operations in either direction. There would be closures impacting both transit and general-purpose traffic as these elevated crossings over the state highway are constructed.

The SF 99-East Alternative would have impacts to transit service over a similar section of the SR 99 corridor but would have more extensive impacts where the guideway would be in the median of SR 99. In this approximately 1-mile section of guideway from S 373rd Street to south of Birch Street, construction of the guideway and columns in the median of SR 99 may require more extensive closures as both the northbound and southbound lanes are reconstructed.

6.3.4 Fife Segment

Bus operations on Pacific Highway in Fife would be temporarily impacted during construction from road capacity decreases and traffic delay resulting from lane closures. For the Fife Pacific Highway and Fife Median alternatives, buses along Pacific Highway would be less reliable, have increased travel times, and may have temporary service disruptions from increased congestion. Bus stops along Pacific Highway E may require temporary relocation or provision of temporary passenger facilities during construction of the guideway for both Fife Pacific Highway and Fife Median Alternatives.

The Fife I-5 Alternative would have few impacts on the existing bus routes on Pacific Highway.

6.3.5 Tacoma Segment

During the guideway construction on the west shore of the Puyallup River and when the guideway crosses Sounder/Amtrak tracks in Tacoma, the Sounder/Amtrak tracks located below I-5 may experience temporary closures resulting in train schedule impacts during adjacent guideway foundation construction. All efforts would be made to perform critical work during BNSF scheduled maintenance closures at night and on weekends, minimizing the impact to Sounder/Amtrak operations. Guideway construction adjacent to and above freight rail right-of-way on each side of the river would likely be temporarily paused from October through December because, historically, the freight railroads do not allow construction during this high rail traffic volume window.

There would be impacts to the bus service in the area near the Tacoma Dome. Existing buses traveling along Puyallup Avenue could experience delays from increased congestion due to potential closures of E 25th Street or E 26th Street for guideway and column construction. Additionally, the existing Pierce Transit bus facility at the corner of East G Street and Puyallup Avenue could be closed and reconfigured if it is used for active or layover bays as part of TDLE. Buses that use East D Street to pass through the Dome District may encounter temporary closures and reroutes as guideway is installed at the end of the alignment.

The existing T Line system would be impacted during construction. The current system includes a single in-street track on E 25th Street, terminating in the operations and maintenance facility (OMF) at E 25th Street and East G Street. If either the Preferred Tacoma 25th Street-West Alternative or Tacoma 25th Street-East Alternative is selected to be built, the required column and guideway construction, along with utility relocations, may require temporary relocation or closure of the T Line terminus station on the north side of E 25th Street across from Freighthouse Square. Temporary relocation of the track connection to the OMF or a modified

vehicle service schedule that minimizes construction stoppage duration and allows intermittent ingress/egress to the OMF may also be required. These temporary relocations, closures, or schedule adjustments would take place for approximately 1 to 3 years. During that time T Line riders would board and deboard at South 25th Street Station near A Street, approximately 0.25 mile west of the existing Tacoma Dome Station.

If the Tacoma Close to Sounder Alternative is selected to be built, it is probable that the Amtrak and Sounder stations, located in Freighthouse Square, would need to be demolished and reconstructed. This would require that the stations be temporarily relocated during construction to the west end of Freighthouse Square. During this time, riders would board and deboard approximately 350 feet to the west, near East D Street.

Avoidance and Minimization Measures for Construction Impacts

Transit service modifications would be coordinated with King County Metro, Pierce Transit, Sound Transit, and private transportation services, such as Greyhound and FlixBus, to minimize temporary impacts and disruptions to bus facilities and service during construction. This includes developing modified service plans to accommodate stop closures during station construction. During construction within street right-of-way, buses would either continue service on the street or be rerouted to nearby roadways, where appropriate, to maintain transit service. Bus stops would be maintained in their existing locations where possible but may need to be temporarily relocated in construction areas. Access between the surrounding land uses and bus stops would be maintained to the extent feasible. Other measures could include posting informative signage before construction at existing transit stops that would be affected by construction activities.

To minimize impacts to T Line during construction, information of any changes to T Line operations would be provided, including information on alternate bus routes that could be used to mirror T Line service if temporary suspension of service is required. A temporary bus route that follows the exact T Line route at the same headways could be provided during TDLE construction.

6.3.6 Potential Mitigation Measures

No construction mitigation would be required beyond the measures discussed above.

6.4 Arterials and Local Streets

6.4.1 Impacts Common to All Alternatives

With each of the TDLE build alternatives, construction would require local road closures, lane closures, traffic detours, and property access modifications and closures to maintain traffic flow. Streets that would be beneath the guideway would require temporary full and/or partial closures to construct the guideway and other associated features. If driveway closures are required, access to these properties would be maintained to the extent practical. If access to a business could not be maintained during construction, the specific construction activity would be conducted during non-business hours where feasible.

The peak number of truck trips is expected to occur during earthwork operations and during concrete delivery for both guideway and station construction. For the elevated guideway construction, peak truck trips are estimated at 10 to 15 trucks per hour for concrete delivery, or between 80 and 240 trips per day, assuming 8 to 16 hours per day of active construction, some

of which may occur at night. This would occur for approximately 2 years for each area of construction. A similar level of truck activity is expected for earthwork activities, but this would be focused on trucks hauling material during excavation and would not overlap with concrete delivery trucks.

Construction truck traffic would use truck routes and, where required, local roadways to access the construction areas. Delivery of large items, such as precast girders, would occur via truck routes. There would be limited direct access via the I-5 mainline, although trucks may use I-5 for trips to and from other locations in the region. For these trips, access would be from existing interchange ramps, WSDOT facilities, or even I-5, pending coordination with and approval from WSDOT and FHWA. Some of the staging areas along the guideway would allow I-5 access in controlled areas that would require approval from and coordination with WSDOT and FHWA. During construction there may be some short-term closures (night/weekend) to on- and off-ramps to accommodate installing girders over ramps. As the design and construction plans are advanced, there could be the need for direct access between I-5 and construction areas. If direct access is required, Sound Transit would coordinate with WSDOT and FHWA. Specific local street impacts with each alternative are described in this section.

Construction staging areas would be located within the project's construction limits shown in Appendix F, Conceptual Design Drawings. The staging areas will be refined in the Final EIS.

6.4.2 Federal Way Segment

For the Preferred FW Enchanted Parkway Alternative, construction of the guideway over local streets and arterials would occur at S 320th Street, where TDLE connects to the Downtown Federal Way Station of FWLE, and at 23rd Avenue S and S 336th Street. Construction activities over and surrounding these roadways would require weekend and nighttime roadway and lane closures. With limited east-west crossings of I-5, detour routes during these closures may be necessary and are likely to use Pacific Highway. Both design options of this alternative would have impacts to some roadways for internal circulation in Belmor Mobile Home Park (Belmor) and access to the South Federal Way Park and Ride from 23rd Avenue S. Temporary construction impacts to the park-and-ride and Oakland Hill Road would include long-term closures for construction staging and construction of stormwater facilities.

6.4.3 South Federal Way Segment

In the SF Enchanted Parkway Alternative, construction of the guideway over or under local streets and arterials would occur at S 348th Street, Enchanted Parkway S, S 352nd Street, S 356th Street, and S 375th Street. Construction activities would require weekend and nighttime road and lane closures. Because of the limited number of roadways crossing I-5, detour routes for weekend or nighttime closures could be needed and would likely use Pacific Highway.

Construction of the SF Enchanted Parkway Alternative over S 348th Street and Enchanted Parkway S would require periodic nighttime or weekend closures of the impacted streets and lane reductions during other hours. No columns would need to be constructed within the street limits or medians for this alternative.

WSDOT would construct a new roundabout at S 356th Street and Enchanted Parkway S, which the TDLE aerial guideway would pass directly over. Close coordination between the two projects during the design and construction stages would be required.

The SF I-5 Alternative would not require any closures on Enchanted Parkway S, but due to the guideway crossing of S 348th Street, temporary night and/or weekend closures would be expected at this major intersection. No columns would be placed in active vehicle lanes.

The SF 352nd Span Station Option would require more frequent and extensive temporary closures of S 352nd Street because of the station construction occurring directly above the roadway.

Construction of the SF 99-East Alternative along the east side of Pacific Highway (SR 99) and in the median of the roadway would require periodic weekend and nighttime closures, reduced traffic speeds, and lane reductions on SR 99 and intersecting east-west streets. There would be lane reductions and periodic closures of SR 99 north of S 373rd Street for construction of the light rail guideway and reconstruction of SR 99 southbound. South of S 373rd Street, the SF 99-East Alternative would be constructed in the roadway median with columns located in the center of SR 99, requiring more extensive roadway and lane closures along approximately 1 mile of SR 99. While construction is ongoing in the SR 99 median, one travel lane would be open in either direction, and left turns would be restricted.

The Porter Way Design Option includes a shorter section of guideway in the median of SR 99 and would require less extensive closures on the southern end of the SR 99 corridor compared to the SF 99-East Alternative.

Construction of the SF 99-West Alternative along the west side on SR 99 would require periodic weekend and nighttime closures and lane reductions along SR 99 and intersecting east-west streets. Construction of the guideway and roadway reconstruction on the west side of SR 99 would require lane reductions and periodic closures of SR 99. The SF 99-West Alternative includes crossings of SR 99; the crossings north of S 356th Street and south of Birch Street may require more extensive roadway closures with columns in the median at both locations. The Porter Way Design Option would have similar impacts along SR 99 and intersecting roadways.

6.4.4 Fife Segment

All build alternatives in the Fife Segment would have impacts to north-south roadways connecting to Pacific Highway and would require periodic closures to local roadways, including 59th Avenue E and 62nd Avenue E. To the west of the Fife Station, all build alternatives and design options would span over 54th Avenue E and 51st Avenue E, which require temporary road and/or lane closures while the elevated guideway sections are placed. The same impacts to local roadways and arterials are anticipated for the 54th Avenue and the 54th Span Design Option. Potential roadway or lane closures on 54th Avenue E could be isolated to nights and weekends. The 54th Span Station Option would likely require intermittent nighttime and weekend closures over a longer period as the span station is constructed.

Vehicular access to the Fife Station, with either a surface or structured parking configuration, would be from both 12th Street E and 59th Avenue E, with parking access near the intersection of the two roadways. Transit and driving access to the 54th Avenue Station and 54th Span Station design options would primarily be from 12th Street E and an extended 52nd Avenue E connecting Pacific Highway E and 12th Street E. Transit and pickup/drop-off access would be exclusively from 52nd Avenue E and primary access to parking areas would be on both 12th Street E and 52nd Avenue E. The Fife Pacific Highway Alternative and Fife Median Alternative would require intermittent road closures wherever the guideway crosses a street, including at larger intersections along Pacific Highway such as Willow Road E, Alexander Avenue E, and Port of Tacoma Road.

The Fife I-5 Alternative crosses over Pacific Highway near 51st Avenue E and extends parallel to I-5 for the remainder of the alignment until it approaches the Puyallup River. There are no anticipated impacts to I-5 operations or local streets between 51st Avenue E and 20th Avenue E.

The ongoing reconfiguration work at the Port of Tacoma Road intersection is expected to be completed prior to TDLE construction. The TDLE guideway would span the Port of Tacoma Road/I-5 interchange on- and off-ramps, requiring temporary lane or ramp closures.

There are several future WSDOT projects that may impact TDLE construction, including the SR 167 Completion Project and new roadway intersection improvements at 54th Avenue E and 46th Avenue E. The TDLE guideway would be elevated above these proposed projects, and vertical clearance requirements would need to be verified during final design. These projects would require their own construction phasing and lane closure plan, and close coordination between WSDOT and Sound Transit would be necessary.

There could be temporary lane closures and lane reconfigurations on local roads surrounding the Fife Station (15th Street E, 59th Avenue E, and 12th Street E), which could result in increased traffic delay as the station site is reconfigured for buses.

6.4.5 Tacoma Segment

On the east side of the Puyallup River, 20th Street E could be closed temporarily overnight as well as fully closed and realigned to avoid conflict with TDLE guideway columns and to allow for foundation and overhead guideway construction. On the west side of the Puyallup River, the guideway would cross over E Bay Street, requiring temporary lane reductions and/or closures for foundation and overhead guideway construction.

Levee access roads used for levee maintenance and inspection on each side of the Puyallup River may require temporary or permanent realignment to avoid conflicts with guideway columns.

The local roads impacted by construction in the Tacoma Segment include E 25th Street, E 26th Street, E Portland Avenue, and East D Street. The guideway for the Preferred Tacoma 25th Street-West Alternative and Tacoma 25th Street-East Alternative is located directly above E 25th Street and could require full closure of the street for guideway and column construction and utility relocation. The Tacoma 26th Street Alternative would require complete closure of E 26th Street between East G Street and East C Street. The intersection of East D Street and E 26th Street would need to be fully closed intermittently to construct the station directly above the intersection. For the Tacoma 25th Street-East Alternative, the intersection of East G Street and E 25th Street would be closed intermittently to construct the station immediately adjacent to the eastern leg of the intersection.

During closures of E 25th Street or E 26th Street, traffic would be expected to increase on parallel arterials, such as Puyallup Avenue.

The alignments for the Tacoma Close to Sounder and the Tacoma 26th Street alternatives extend parallel to the Sounder tracks between approximately East N Street and East J Street and pass beneath the East L Street bridge. Due to the incompatibility of the bridge footing with the TDLE guideway, the East L Street bridge would need to be removed and replaced. This would require traffic detours, which could result in temporary traffic delay and congestion.

All proposed station locations near the Tacoma Dome would require intermittent adjacent road closures as the facilities are being constructed. Additionally, construction of new bus facilities could temporarily impact the flow of traffic.

6.4.6 Potential Mitigation Measures

All avoidance and minimization measures associated with constructing all TDLE build alternatives would comply with local regulations governing construction traffic control and construction truck routing. Sound Transit would finalize detailed construction plans in close coordination with local jurisdictions and WSDOT during the final design and permitting phases of the project. Potential mitigation measures for traffic impacts due to light rail construction could include the following practices:

- Conform to the Manual on Uniform Traffic Control Devices (FHWA 2009) and jurisdictional agency requirements for all traffic plan maintenance.
- Clearly sign and provide reasonable detour routes when cross streets are closed for guideway construction. The contractor would be required to keep nearby parallel facilities open to facilitate access and mobility.
- Use lighted or reflective signage to direct drivers to truck haul routes to ensure visibility during nighttime work hours.
- Communicate public information through tools such as print, radio, posted signs, websites, and email to provide information regarding street closures, hours of construction, business access, and parking impacts. Sound Transit would provide this plan.
- Coordinate access closures with affected businesses and residents. The contractor would be required to perform this task in coordination with Sound Transit staff. If access closures are required, property access to residences and businesses would be maintained to the extent possible. If access to the property cannot be maintained, the specific construction activity would be reviewed to determine if it could occur during non-business hours or if the parking spaces and users of this access (for example, deliveries) could be provided at an alternative location.
- Post advance notice signs prior to construction in areas where construction activities would affect access to surrounding businesses.
- Provide regular updates to schools, emergency service providers, local agencies, solid waste utilities, and postal services, and assist public school officials in providing advance and ongoing notice to students and parents concerning construction activity near schools.
- Schedule traffic lane closures and high volumes of construction truck traffic during off-peak hours to minimize delays during periods of higher traffic volumes as much as possible.
- Cover potholes and open trenches, where possible, and use protective barriers to protect drivers from open trenches.

6.5 Freight Mobility and Access

6.5.1 Impacts Common to All Alternatives

For all build alternatives, impacts on freight truck movements would be approximately the same as impacts to general traffic.

The lane closures within the construction areas on Enchanted Parkway in South Federal Way and on Pacific Highway in Fife could temporarily affect freight mobility in a similar manner as general-purpose traffic. When partial street closures are necessary during construction, the intended purpose of any detour routes would be to provide an alternate for general-purpose traffic. It is expected that freight would continue to travel on Pacific Highway, Enchanted Parkway, or other designated freight corridors.

Temporary access closures for businesses could also occur during construction, affecting freight (such as deliveries). Service and loading areas for private businesses in the Federal Way, South Federal Way, and Fife segments may be impacted by periodic access closures during construction. If driveway closures are required, access to these properties would be maintained to the extent possible. With driveway closures, detours for freight would cause similar impacts compared to what is described for general-purpose traffic impacts. Full street closures on these main arterials are expected only on nights and weekends.

Port of Tacoma truck traffic utilizes East D Street, E Portland Avenue, and Port of Tacoma Road/34th Avenue E as the three primary corridors for access to container terminals. In addition, 54th Avenue E is highly utilized by Port of Tacoma truck traffic. Closures on these roads could result in temporary delays to freight traffic, with temporary closures over a longer period for construction of the Fife 54th Span Design Option.

During construction of overhead guideway across active rail lines, there could be some temporary closures of rail lines, which could result in delays to freight train traffic. It is anticipated that this impact would be minor, and all efforts would be made to perform critical work during BNSF shutdowns that would occur only at night and on weekends, minimizing the impact to freight rail operations. Construction would be limited to the times approved and coordinated with freight rail operations.

Avoidance and Minimization Measures for Construction Impacts

To minimize potential freight impacts, Sound Transit would coordinate with affected businesses throughout the construction period to notify them of lane and/or access closures and maintain business access to the extent practical.

For any construction activities that could impact regional roadways, Sound Transit would provide construction information to the Port of Tacoma, local jurisdictions, and WSDOT for use in the state's freight notification system. Sound Transit would provide information in a format required by WSDOT.

6.5.2 Potential Mitigation Measures

No additional construction mitigation would be required beyond the measures described above. A Maintenance of Traffic Plan that addresses all transportation modes would be prepared during subsequent TDLE design and construction phases for agency approval.

6.6 Nonmotorized Access

6.6.1 Impacts Common to All Alternatives

All alternatives would temporarily close either sidewalks and/or bicycle facilities or reduce sidewalk widths within construction areas. Impacts specific to each alternative are described in this section.

6.6.2 Federal Way Segment

Nonmotorized travel could be affected by construction of the guideway for the Preferred FW Enchanted Parkway Design Option through the Federal Way Segment, particularly along 23rd Avenue S near the South Federal Way Park and Ride and on S 336th Street from 20th Avenue S to the I-5 undercrossing. The FW Design Option would have similar impacts to nonmotorized travel through this segment. Nonmotorized access on and across these roadways where crossings and dedicated facilities exist would be maintained to the extent practical.

6.6.3 South Federal Way Segment

Nonmotorized travel could be affected in station areas during station and guideway construction as well as from construction of the elevated guideway over arterials and local streets. The limited number of I-5 crossings currently restricts the pedestrian and bicycle activity across I-5 in the study area. Existing nonmotorized facilities across I-5 along Enchanted Parkway, Porter Way, and Wapato Way would be maintained to the extent practical.

There would be more nonmotorized impacts associated with construction of the SF Enchanted Parkway Station and the SF 352nd Span Station Option compared to the SF I-5 Alternative. The SF Enchanted Parkway Alternative includes more active nonmotorized areas along Enchanted Parkway, 16th Avenue S, and intersecting east-west streets, including SR 18. There would be intermittent sidewalk and/or bicycle facility closures during construction, and existing walking and biking routes would need to be temporarily rerouted.

Construction of the SF 99-East Alternative including the SF 99-352nd Station would affect nonmotorized facilities along Enchanted Parkway, S 352nd Street, S 356th Street, and Pacific Highway (SR 99). There would be periodic sidewalk and roadway closures along these streets for construction of guideway crossings of Enchanted Parkway, S 352nd Street, S 356th Street, and Porter Way. There would also be intermittent lane closures along SR 99 for construction of the guideway along the east side of the roadway and in the roadway median. Walking and biking routes on these streets or across SR 99 on intersecting east-west streets may be rerouted temporarily during construction. The SF 99-East Porter Way Design Option would have similar effects to nonmotorized access and mobility during construction.

Construction of the SF 99-West Alternative, including the SF 99-Enchanted Station would have similar impacts to nonmotorized access and mobility as the SF 99-East Alternative. There are few dedicated bicycle and pedestrian facilities along SR 99, particularly south of S 359th Street. This alternative would have a smaller impact on access along SR 99 since it would only require reconstruction of the west side of the roadway. The SF 99-West Porter Way Design Option would have similar affects to nonmotorized access and mobility during construction.

6.6.4 Fife Segment

All build alternatives would affect nonmotorized access on north-south streets through the Fife Segment, with guideway crossings over 62nd Avenue E, 59th Avenue E, and 54th Avenue E. Compared to the preferred Fife Station, the 54th Avenue and the 54th Span design options would have more extensive effects to nonmotorized access along 54th Avenue E and at the intersection with 12th Street E. The 54th Span Design Option would likely require a longer-term closure of 54th Avenue E or intermittent closures of the street over a longer period, which would require rerouting nonmotorized users to one side of the street in an area with limited crossings.

There would be some impact on nonmotorized travel during construction of the elevated guideway along Pacific Highway under the Fife Pacific Highway and Fife Median alternatives. Wherever practical, sidewalks and crosswalks would remain open in the construction areas. Protected sidewalks next to the construction area would be provided when detour routes are not practical. The Fife Pacific Highway and Fife Median alternatives would affect pedestrian and nonmotorized access along Pacific Highway during construction. Short sections of sidewalks may be temporarily closed during construction on or adjacent to the roadway and would require pedestrians to detour to the closest signalized crossing of Pacific Highway.

During construction, the Fife I-5 Alternative would have some impacts along Pacific Highway E near the intersection with 51st Avenue E, but would otherwise have limited impacts to nonmotorized access west of the Fife Station, the 54th Avenue Design Option, and the 54th Span Design Option.

6.6.5 Tacoma Segment

The sidewalk network in the area near the Tacoma Dome would be impacted during construction. Construction would necessitate several sidewalk closures during column construction, including along E 25th Street and E 26th Street, depending on the alternative chosen. There is an existing at-grade pedestrian crossing of the Sounder/Amtrak tracks at East D Street, which would be temporarily closed during construction. This would require nonmotorized detours.

6.6.6 Potential Mitigation Measures

Sound Transit would minimize impacts from temporary sidewalk and bicycle facility closures by providing detours within construction areas, such as protected walkways, and notifying the public as appropriate.

6.7 Safety

6.7.1 Impacts Common to All Alternatives

With each of the TDLE build alternatives, traffic diversion caused by light rail guideway construction would lead to higher traffic volumes on detour streets. The higher traffic volumes could lead to a potential increase in collision frequency; however, crash rates should remain similar to existing conditions due to the limited volume diversion and length of closures. In locations where there is no physical change to the roadway, the types of crashes would also remain similar to existing conditions. Currently, most crashes in the study area are property damage only.

6.7.2 Federal Way Segment

In the Federal Way Segment, the construction zone for the alignment through the segment would be located mostly near the edge of I-5 southbound. During construction of the guideway, there would be temporary impacts to the clear zone along I-5 southbound. Where the light rail alignment is adjacent to I-5 from S 324th Street to S 344th Street, a temporary construction barrier would be placed along the edge of pavement for I-5 southbound for the duration of construction, approximately 1 to 4 years. Current lane and shoulder widths along I-5 would be maintained. During the 1- to 4-year construction period, there may be an increase in crashes on I-5 southbound, which would likely be property damage only based on crash history in this segment.

6.7.3 South Federal Way Segment

The construction area for the SF Enchanted Parkway and SF I-5 alternatives would be located near the I-5 pavement edge in several locations. During construction, there would be temporary impacts to the clear zone along most of southbound I-5 through the study area. Where the light rail alignment is parallel to the I-5 mainline, from approximately S 344th Street to Porter Way in the City of Milton, a temporary construction barrier would be placed near the southbound I-5 edge of pavement where barriers are not already present; this would provide separation of construction activity from traffic on I-5. This temporary construction barrier would be present for the duration of guideway construction, approximately 1 to 4 years. During this period, an increase of crashes could occur. Most of these additional crashes would likely be property damage only, consistent with the crash history in the area. Current I-5 travel lane and shoulder widths would be maintained during construction.

The construction area for the SF 99-East Alternative would be located along the east pavement edge of Pacific Highway (SR 99) and in the middle of the roadway. This construction would have temporary impacts to the roadway itself, requiring some configuration during construction changes to of the guideway in the center of SR 99. Temporary construction barriers would be placed along the eastern pavement edge of SR 99 north of S 373rd St and on the perimeter of the construction zone in the center of the roadway from S 373rd Street to 70th Avenue E. Construction barriers would be present along SR 99 through the South Federal Way Segment for 1 to 2.5 years as the alignment is constructed along SR 99 and may shift along the corridor as construction progresses. During this 1- to 2.5-year period, speeds would be reduced near construction areas and left-turn movements would be restricted where the guideway is being constructed in the median. Changes to access and lane closures may increase the number of crashes; however, there would likely be fewer crashes over this period with fewer left-turn movements and lower speeds on SR 99.

The SF 99-West Alternative would be constructed along the west side of SR 99, with temporary construction impacts to SR 99 primarily along the western roadway edge and at crossings over the roadway. This alternative would also require intermittent lane or roadway closures during guideway construction and reconstruction of the roadway. Temporary construction barriers would be placed along the west side of the roadway during construction, and closures may shift for guideway and roadway construction alongside SR 99 southbound. During this period, changes to access and closures may increase the number of crashes on SR 99, while reduced speeds through construction areas could reduce the number or severity of crashes along the corridor during construction.

6.7.4 Fife Segment

Access modifications (such as right-in, right-out) and left-turn restrictions at intersections along Pacific Highway would occur in the construction areas for the Fife Pacific Highway and Fife Median alternatives. This would eliminate some vehicle conflicts at these locations. Detour routes would change traffic circulation. This could lead to driver confusion and increase the potential for crashes. Strategic sequencing or construction phasing would minimize the potential safety impacts and would be addressed in a Maintenance of Traffic Plan.

The Fife I-5 Alternative would have the same potential impacts as described above for the Fife Pacific Highway and Fife Median alternatives east of 51st Avenue E. Once the Fife I-5 Alternative crosses Pacific Highway just west of 51st Avenue E, the I-5 alignment would not create vehicle conflicts or necessitate detour routes. The Fife Pacific Highway Alternative and Fife Median Alternative would continue to have access and lane reduction impacts west of 51st Avenue E. During construction, there would be temporary impacts to the clear zone along southbound I-5 between 46th Avenue E to 20th Street E. Where the light rail alignment is parallel to the I-5 mainline, a temporary construction barrier would be placed near the southbound I-5 edge of pavement where barriers are not already present. This would provide separation of construction activity from traffic on I-5. This temporary construction barrier would be present for the duration of guideway construction. During this period, an increase in crashes could occur. Most of these additional crashes would likely be property damage only, consistent with the crash history in the area. Current I-5 travel lane and shoulder widths would be maintained during construction.

6.7.5 Tacoma Segment

During construction of the guideway over Sounder/Amtrak tracks, closures may be necessary to ensure safety. This occurs at the Puyallup River crossing and where the guideway crosses the Sounder/Amtrak tracks near East M Street.

For safety, navigation would be restricted when construction activities occur directly over the Puyallup River. Activities that restrict navigation would be coordinated and approved in advance by the Puyallup Tribe of Indians and are anticipated to last for short periods during only a portion of the day or night. For the pier-supported bridge option, when working in the Puyallup River, the water could be a hazard during rough weather and especially during high or low tides. Work may be canceled during inclement conditions when a higher concentration of debris may be present.

The area near the Tacoma Dome has high pedestrian volumes, especially before or after events at the Tacoma Dome and during the peak travel periods near the Tacoma Dome Station. Pedestrian detours could be required to ensure safety near construction zones.

6.7.6 Potential Mitigation Measures

Near I-5, potential avoidance and minimization measures include placing a temporary construction barrier near the southbound I-5 edge of pavement where barriers are not already present to separate construction activity from I-5 mainline traffic.

6.8 Parking

6.8.1 Impacts Common to All Build Alternatives

Construction worker parking would be provided within the construction area where possible and could also occur on local streets and arterials where parking is unrestricted. Construction worker parking near designated construction staging areas could affect the nearby parking supply during peak construction periods. Contractors would be responsible for providing parking for construction workers where necessary. It is expected that some worker parking could be accommodated at the staging areas and along the alignment construction area.

Private parking impacts for construction of the guideway, stations and associated features occur in the Federal Way, South Federal Way, and Fife segments. Temporary private parking impacts range from 15 to 23 spaces in the Federal Way Segment, from 3 to 448 spaces in South Federal Way segment, and from 288 to 407 spaces in Fife. Impacts to parking in the South Federal Way and Fife segments include longer-term temporary construction staging impacts for stormwater facilities and utility work. The largest impacts to private parking are expected to occur within the South Federal Way Segment and are limited to businesses located along Enchanted Parkway.

There is limited to no on-street parking allowed along the entire length of SR 99/Pacific Highway in the TDLE corridor. Available on-street parking exists in neighborhoods east and west of SR 99 in Federal Way and north and south of Pacific Highway in Fife and would not be affected by construction activity.

6.8.2 Federal Way Segment

There is minimal on-street parking along the length of both build alternatives in the Federal Way Segment. There are multiple surface parking lots along Enchanted Parkway, which would have some impacts during construction. While some parking spaces would be impacted temporarily by construction of the guideway, most parking would remain intact or be replaced when construction is complete. The SF Enchanted Parkway Station would impact approximately 20 to 30 private business parking spaces in The Commons at Federal Way during construction, but most spaces would be replaced once construction of the guideway is complete.

Construction worker parking along the alignment through the Federal Way Segment would be on local streets only, with purpose-built access roads leading to specific work areas.

6.8.3 South Federal Way Segment

There is limited on-street parking in the South Federal Way Segment, but there are multiple surface parking lots along Enchanted Parkway and Pacific Highway that would be impacted temporarily by construction in each of the build alternatives. The SF I-5 Alternative in this segment is anticipated to have very limited temporary parking impacts, while the SF 99-West and SF 99-East Alternatives would have more potential temporary construction impacts to parking areas by comparison. The SF Enchanted Parkway Alternative would have somewhat fewer temporary construction impacts to parking spaces compared to the SF 99-West and SF 99-East alternatives.

Apart from the SF I-5 Alternative, all other South Federal Way build alternatives would have temporary, but longer-term impacts to parking spaces for construction staging in the Walmart parking lot northwest of the interchange between I-5 and SR 18. In the SF Enchanted Parkway

Alternative, Walmart customers and employees would not be able to access 251 parking spaces when they are in use for construction staging but would be replaced following construction. Both the SF 99-East Alternative and the SF 99-West Alternative would impact more parking spaces in the Walmart parking lot for construction staging, with an estimated 406 stalls that would no longer be accessible to customers and employees during construction but would be replaced once construction is complete. Parking spaces that would be removed as part of partial acquisitions to accommodate permanent guideway features are included in Section 5.7.

The SF I-5 Alternative is anticipated to have limited temporary parking impacts to three privately owned parking spaces. Construction of the SF Enchanted Parkway Alternative would temporarily impact approximately 325 privately owned parking stalls. The SF 99-West and SF 99-East alternatives would have similar temporary impacts to private parking stalls, approximately 450 with the SF 99-West Alternative and 415 with the SF 99-East Alternative.

Construction worker parking in the South Federal Way segment would be on local streets only, with purpose-built access roads leading to specific work areas.

6.8.4 Fife Segment

There is limited on-street parking in the Fife segment, and no on-street parking would be impacted by construction of the guideway, station, and associated features through this segment. All build alternatives in the Fife Segment would have temporary construction impacts to parking at private businesses along the corridor. The Fife I-5 Alternative would also have temporary impacts to privately owned residential parking spaces, while other Fife build alternatives would only affect business parking.

The Fife I-5 Alternative would have more temporary parking impacts, with 407 spaces temporarily impacted by construction. While the Fife I-5 Alternative would not impact any parking along Pacific Highway, it would temporarily impact private storage parking for car dealerships along I-5 as well as rows of parking adjacent to the I-5 right-of-way for other businesses and residences. The Fife Pacific Highway and Fife Median alternatives would have temporary impacts to parking spaces at businesses and some car dealership storage during construction on the south side of Pacific Highway. An estimated 347 private parking spaces would be temporarily impacted for construction of the Fife Pacific Highway Alternative, and an estimated 288 spaces would be temporarily impacted for construction of the Fife Median Alternative. All build alternatives in the Fife Segment would have some longer-term temporary construction impacts to parking spaces for stormwater facilities and construction staging.

6.8.5 Tacoma Segment

There are no parking impacts for the Puyallup River bridge crossing.

The Preferred Tacoma 25th Street-West, Tacoma 25th Street-East, and Tacoma Close to Sounder alternatives would impact regular operations of the existing Tacoma Dome Station Parking Garage due to column construction, possible pedestrian bridge connections, and operational improvements to integrate with the new TDLE station. It is possible some entrances could be closed, and some parking spaces could be removed during construction.

Temporary parking impacts during construction of build alternatives in the Tacoma segment are expected to be primarily to on-street parking spaces. Temporary parking impacts would be similar between all build alternatives and design options in the Tacoma segment and range from 27 to 42 spaces impacted temporarily during construction.

6.8.6 Potential Mitigation Measures

In South Federal Way and Tacoma, avoidance and minimization measures, including a public education campaign and/or signage, could be used to let transit riders know when construction impacts would affect operations near and at the South Federal Way Park and Ride and at the Tacoma Dome Station Parking Garage.

6.9 Navigation

6.9.1 Impacts Common to All Alternatives

Construction of the bridge over the Puyallup River could affect navigability and restrict boating in a portion of the river for short periods of time for both the long-span or pier-supported bridge option. For safety, watercraft would be directed around active construction areas, but navigation of the river would not be blocked.

Any in-water work in the Puyallup River would be subject to work window restrictions to protect Endangered Species Act-listed fish, as well as timing restrictions for Tribal fishing and ceremonial activities. The exact windows and associated activity restrictions would be determined during the permitting process with U.S. Fish and Wildlife Service, National Marine Fisheries Service, U.S. Army Corps of Engineers, and Puyallup Tribe of Indians.

The pier-supported bridge option would require the placement of construction equipment and construction areas within the Puyallup River to allow construction of the support piers. This would result in temporary areas of the Puyallup River that would not be navigable while barges are present, equipment is set, and the pier is constructed. There could also be periods of time when navigation would be restricted to allow for the placement of cofferdams or temporary shoring systems. These conditions could occur for up to 3 years and there would be adequate space maintained to allow watercraft to navigate around active construction areas. The construction of the pier would occur in line with the piers for I-5, so the area where navigability would be restricted would be similar to existing conditions.

The long-span bridge could also have periods of time when navigation close to the shore would be restricted to allow for the placement of cofferdams or temporary shoring systems for construction of supporting piers that are located on or near the Puyallup River levees. The placement of columns would be further defined as the conceptual design develops.

All required permits and approvals from the Coast Guard would be acquired prior to construction of either bridge option over the Puyallup River.

Avoidance and Minimization Measures for Construction Impacts

During construction, Sound Transit would minimize impacts on the navigability of the Puyallup River by minimizing work within the waterway. If barges are required during in-water construction for the pier-supported bridge option or other bridge structure types, Sound Transit would coordinate with the Puyallup Tribe of Indians, the U.S. Coast Guard, and others to minimize impacts and allow passage of boat traffic.

Sound Transit would also consult with and work with the Puyallup Tribe of Indians on necessary agreements for any in-water work. Such agreements could include measures to avoid and minimize impacts to Treaty Fishing Activities, such as construction timing restrictions, in-water and over-water work notifications, coordination on construction debris removal, reimbursement for lost fishing time, and would also identify mitigation for unavoidable impacts.

6.9.2 Potential Mitigation Measures

During TDLE operation, no mitigation of impacts on navigable waterways would be required for the long-span bridge option. An elevated long-span bridge would completely cross over the Puyallup River maintaining navigability by Tribal, recreational, and commercialized watercraft users and therefore would not impact navigation.

The construction footprint for the pier-supported bridge option would be minimized and located as much as practical in-line with the existing I-5 piers. Restrictions on navigation during construction of the pier-supported bridge option would be scheduled as much as practical outside of peak navigation periods.

7 INDIRECT IMPACTS

This chapter discusses the indirect transportation impacts that would be caused by TDLE. Key observations and findings include the following:

- TDLE could help facilitate potential increases in residential and employment uses around TDLE station areas.
- These potential increases in land use and development density around TDLE station areas could lead to changes in regional and local travel patterns because trips to and from these station areas may increase for all modes, affecting transit, traffic volumes, parking demand, and nonmotorized users.
- Other changes in transit service in the corridor in response to the TDLE light rail service that are not yet planned or anticipated could also result in shifts in ridership. These could include the potential for Metro, Sound Transit, and Pierce Transit to redeploy and/or reinvest bus service that is replaced by light rail service. Also, ridership on Sounder South commuter rail service could be affected by TDLE, although overall ridership on Sounder would not be expected to decrease.

7.1 Regional Facilities and Travel

The completion of TDLE build alternatives would provide reliable light rail service between Tacoma and many of the region's urban centers. Light rail service could help facilitate potential increases in residential and employment uses around project stations. This could lead to corresponding changes in regional travel patterns as both trips to and from these areas potentially increase for all travel modes, thus affecting transit, traffic volumes, parking demand, and nonmotorized users.

7.2 Transit Service and Operations

In addition to the planned changes to local and commuter bus service assumed for TDLE, Metro, Pierce Transit, and Sound Transit could make additional changes in response to the project. These could include redeploying and/or reinvesting in bus service that is replaced by the TDLE light rail service for Metro, Pierce Transit, and Sound Transit. Such changes are dependent on transit funding and would result in a net benefit for transit riders. Also, ridership on the Sounder South commuter rail service could be affected if some riders choose to shift from commuter rail to TDLE at Tacoma Dome Station. This would free up additional capacity on Sounder trains for riders boarding north of Tacoma. TDLE may also provide improved access to the Amtrak Station near the Tacoma Dome, improving ridership on the Amtrak Cascades route. Some bus riders could be affected if there are additional changes to the bus system beyond the previously identified bus integration plans to support new connections with the light rail system.

Light rail service could facilitate a concentration of residential and commercial land uses, known as transit-oriented development, surrounding the TDLE stations. The population and employment projections used in Sound Transit's ridership forecasting model were the PSRC Land Use Targets. Because the Sound Transit and PSRC travel demand models already include adopted land use changes, the overall TDLE ridership is not expected to substantially change as a result of concentrated development (transit-oriented) around future TDLE light rail stations. However, the mode of access to and from stations may shift to a greater percentage of nonmotorized access or transit transfers and a lower percentage of automobile access as the population and employment densities increase within station area walksheds and bikesheds.

Any development beyond the PSRC's adopted population and employment land use forecasts for 2042 could require further regional and local planning and policy decisions. This could result in overall ridership increases in the TDLE corridor.

7.3 Arterials and Local Streets

Increased automobile and bus transit trips both to and from the station areas could result from potential increases in land use and development density around the light rail stations in the corridor. This increase in traffic could cause additional impacts on the arterials and local street operations near stations. Conversely, increased development along the light rail corridor could also result in shifts from automobile trips to other travel modes, such as transit, bicycle, and pedestrian trips.

7.4 Freight Mobility and Access

Increased automobile and bus transit trips both to and from the station areas could result from potential increases in land use and development density around the light rail stations along the TDLE corridor. The increase in traffic could cause additional impacts on the arterials and local street operations near stations, which could affect freight mobility and access on local roadways. Any operational impacts on freight would be similar to those for automobiles; however, freight routes are fewer, which could result in more pronounced impacts to freight movement.

7.5 Nonmotorized Access

Higher-density residential and commercial development around station areas could increase light rail ridership and resulting nonmotorized trips as well as additional pedestrian and bicycle trips. These nonmotorized trips could travel along older streets that lack ADA accessibility but could encourage improvements to these facilities by local jurisdictions as increased usage becomes evident.

7.6 Safety

The potential for increases in residential and employment uses around the light rail stations could lead to an increase in motorized and nonmotorized activity and further conflicts among all travel modes (automobile, transit, and nonmotorized).

7.7 Parking

The potential for increased land use and development density around station areas in the TDLE corridor could l increase the demand for parking in these areas. The demand for park-and-ride spaces beyond 0.25 mile from the stations could increase because riders could park along feeder bus routes and travel to the station by bus. There could be reduced demand at park-and-rides on parallel corridors from riders shifting to the light rail service.

7.8 Navigation

No indirect impacts on navigable waterways are expected.

8 POTENTIAL MITIGATION MEASURES FOR LONG-TERM IMPACTS

This chapter describes whether mitigation would be needed with TDLE and describes potential mitigation measures for the transportation elements analyzed in this report. It also describes measures that Sound Transit proposes to take but that require agreement of other parties. For instance, Sound Transit has identified certain intersection improvements, traffic management, safety, and parking strategies to mitigate project-related impacts, but the agency does not have the sole authority to make those improvements when the facilities are owned and managed by others. Others may also have alternative plans or projects to address future conditions with or without TDLE. In these cases, Sound Transit would coordinate with these other agencies to further define and implement improvements to mitigate the impacts of these projects.

Key observations and findings include the following:

- Regional Facilities and Travel – No mitigation is required.
- Transit – The transit integration plans developed by the partner transit agencies and Sound Transit would provide coordinated bus service with the light rail system. No additional transit mitigation is required.
- Arterials and Local Streets – For impacts on arterials and local streets, mitigation would be required for intersections with the build alternatives that do not meet the agency operational standards where the No-Build Alternative would otherwise meet agency operational standards. As the project design advances, Sound Transit would continue to work with affected jurisdictions/agencies to evaluate mitigation strategies for safe, efficient operations. Final mitigation would be determined and agreed upon by Sound Transit and the affected jurisdiction(s) and agency(s). Sound Transit's contribution to improve intersections would be determined during the project permitting process. This may include contributing a proportionate share of costs to improve intersections affected by TDLE based on the project's proportionate ratio of trips at the intersection or another equitable method.
- Freight Mobility and Access – The build alternatives would not require mitigation during operation to improve freight mobility and access because the station locations would not affect truck circulation or change truck route designations on the regional and local street system. In cases where a TDLE segment could affect truck circulation (Fife Median Alternative), trucks could use other intersections and routing that would not require left turns from midblock intersections.
- Nonmotorized Access – The project would have no impact on nonmotorized facilities; therefore, no mitigation would be required.
- Safety – The project would have few to no impact on safety; therefore, no mitigation would be required.
- Parking – Mitigation may be required at the TDLE stations for parking impacts should they occur.
- Navigation – No mitigation of impacts on navigable waterways would be required.

8.1 Regional Facilities and Travel

No long-term transportation impacts were identified for regional transportation facilities as a result of TDLE; therefore, no mitigation would be needed for these elements.

8.2 Transit Service and Operations

Mitigation for transit service and operations with all TDLE build alternatives would not be required because the light rail extension would improve the regional transit system. The expanded light rail network with TDLE build alternatives would have a beneficial impact on transit service, including reduced transit travel times and improved transit reliability to regional destinations. All TDLE build alternatives would coordinate with Sound Transit, Metro, and Pierce Transit to develop bus service integration plans that integrate bus service with the regional light rail system.

8.3 Arterials and Local Streets

Traffic impacts were determined for arterials and local streets by comparing the overall intersection operations (L.O.S. or v/c ratios) for the No-Build and build alternatives against the agency operational standards. Mitigation would be required at intersections where the operational standard would be worse than with the No-Build Alternative and would not meet the agency operational standards. Sound Transit would contribute a proportionate share toward identified mitigation to improve intersection performance as agreed to with the local jurisdiction.

Where an intersection is not expected to meet agency operational standards with the No-Build Alternative, mitigation would be required if TDLE build alternatives would degrade overall intersection operations by more than 10 percent compared with the No-Build Alternative. Under this condition, Sound Transit would contribute a proportionate share toward identified mitigation to improve intersection performance as agreed to with the local jurisdiction.

Potential improvements for the up to 18 intersections that would require mitigation are summarized below. Sound Transit would provide these improvements or other improvements agreed to with the agency of jurisdiction. As the project design advances, Sound Transit would continue to work with affected jurisdictions/agencies to evaluate mitigation strategies for safe, efficient operations. Final mitigation will be determined and agreed upon by Sound Transit and the affected jurisdiction(s). Sound Transit's contribution to improve intersections would be determined during the project permitting process. This may include contributing a proportionate share of costs to improve intersections affected by the build alternative, based on the project's proportionate ratio of trips at the intersection, or another equitable method.

The proposed mitigation for study intersections includes:

Federal Way Segment

No study intersections in the South Federal Way Segment would require mitigation because all are forecast to meet agency standards.

South Federal Way Segment

One intersection in the South Federal Way Segment would require mitigation or some contribution of proportionate share. Refer to Tables 5-29 and 5-30 to see the percentage increase between the No-Build and build alternatives and to see when the 10 percent rule applies when both the No-Build and build alternatives are below agency standards.

- **SR 99/Porter Way (Federal Way Intersection #15) –** The station in Fife is expected to degrade operations from L.O.S. E to L.O.S. F during the AM peak hour, and from L.O.S. D to L.O.S. E during the PM peak hour. The increase in delay is expected to be about

10 percent during the AM peak hour and 16 percent during the PM peak hour. Eastbound and westbound traffic on Porter Way have shared left-through movements and permissive left-turn phasing (meaning that left turns must yield to oncoming traffic). Widening Porter Way to provide exclusive left-turn lanes would improve AM and PM peak-hour traffic operations and accommodate projected background and station growth. Sound Transit would work with the local agency to determine intersection improvements and what proportionate share Sound Transit should contribute to these improvements.

Fife Segment

In the Fife Segment, nine intersections (Intersections #11, #12, #13, #14, #21, #22, #23, #24, and #26) would require mitigation or some contribution of proportionate share. Refer to Tables 5-31 and 5-32 to see the percentage increase between the No-Build and build alternatives and to see when the 10 percent rule applies when both the No-Build and build alternatives are below agency standards.

- **52nd Avenue E/12th Street E (Fife Intersection #11) –** During the PM peak hour, this intersection is expected to experience increased vehicle trips to access the 54th Avenue or 54th Span Station Options along with a more traffic on the eastbound approach to 54th Avenue E/12th Street E (Fife Intersection #12). Improvements to mitigate PM peak hour operations with the 54th Avenue and 54th Span design options at this intersection would include adding a southbound right-turn pocket at the downstream intersection of 54th Avenue E/SR 99 (Fife Intersection #13) along with optimization.
- **54th Avenue E/12th Street E (Fife Intersection #12) –** During the PM peak hour, this intersection is expected to experience increased vehicle trips on the southbound approach and the eastbound approach. Improvements to mitigate PM peak hour operations at this intersection would include optimizing the signal phasing as well as adding a southbound right-turn pocket at the downstream intersection of 54th Avenue E/SR 99 (Fife Intersection #13). The added southbound right-turn pocket would improve southbound traffic operations along 54th Avenue E, which would reduce delay for eastbound vehicles destined for southbound 54th Avenue E.
- **54th Avenue E/SR 99(Fife Intersection #13) –** This intersection is expected to operate below city and WSDOT thresholds in the No-Build and all build alternatives in the PM peak hour. The 54th Avenue and 54th Span Station Options are expected to add more trips to this intersection in the PM peak hour and degrade future operations beyond the 10 percent mitigation threshold. Improvements to mitigate PM peak hours traffic operations at this intersection include optimizing the signal phasing as well as adding southbound and westbound right-turn pockets to improve traffic operations.
- **54th Avenue E/I-5 Southbound Ramps (Fife Intersection #14) –** The station in Fife is expected to add 100 trips to this intersection during the AM peak hour and degrade future intersection operations below the city threshold. This intersection would be modified by the future I-5/54th Street Ramp project to split the interchange ramps and add new ramps at 51st Avenue E. The City of Fife is currently completing an Access Revision Report required by WSDOT and FHWA for approving modifications to the existing interchange. Sound Transit will continue to assess future operational performance and mitigation and would work with the City of Fife to determine the proportionate share contribution for AM peak-hour traffic operations based on the limited additional trips added to this intersection from the station in Fife.

- **59th Avenue Ct E/SR 99 (Fife Intersection #21) –** This signalized intersection would operate below standard only with the 54th Avenue Design Options in the PM Peak. Proposed mitigation at other nearby intersections, including a westbound right-turn pocket at 54th Avenue E/SR 99 (Fife Intersection #13), would mitigate PM peak traffic operations at this intersection. Sound Transit would work with the City of Fife to determine appropriate intersection configuration and traffic control at nearby intersections
- **12th Street E/59th Avenue Ct E (Intersection #22) –** This signalized intersection would operate below standard only with the preferred Fife Station in the PM peak hour. Proposed mitigation at other nearby intersections would mitigate PM Peak operations at this intersection including a southbound right turn pocket at 54th Avenue/SR 99 (Fife Intersection #13) and signal; timing optimization at 54th Avenue E and 12th Street E (Fife Intersection #12). Sound Transit would work with the City of Fife to determine appropriate intersection configuration and traffic control at these nearby intersections.
- **12th Street E/62nd Avenue E (Fife Intersection #23) –** This intersection is stop-controlled on 62nd Avenue E. The Fife City Center Plan would increase traffic on 62nd Avenue E through this intersection, while the station in Fife would increase through-traffic on 12th Avenue E, which is uncontrolled, increasing delay for side-street movements during the PM peak hour. In 2042, the volumes on the side street traffic would likely be high enough to warrant a traffic signal if/when the planned Fife City Center development occurs. Installing a traffic signal would improve overall intersection operations, and Sound Transit would work with the City of Fife to determine what proportionate share Sound Transit would contribute to these improvements.
- **SR 99/62nd Avenue E (Fife Intersection #24) –** This intersection is stop-controlled on 62nd Avenue E. The Fife City Center Plan would increase traffic on 62nd Avenue E through this intersection, while the station in Fife would increase through-traffic on SR 99, which is uncontrolled, increasing delay for side-street movements during the PM peak hour. In 2042, the volumes on the side street traffic would likely be high enough to warrant a traffic signal in the AM and PM peak hours if/when the planned Fife City Center development occurs. Installing a traffic signal would improve overall intersection operations. Sound Transit would work with the City of Fife to determine what proportionate share Sound Transit should contribute to these improvements.
- **70th Avenue E/20th Street E (Intersection #26) –** This intersection would operate at L.O.S. F with or without the proposed station during the AM peak hour, and the increase in delay associated with the station would be less than 10 percent. During the PM peak hour, the station is expected to degrade the intersection from L.O.S. D to L.O.S. E, with an increase in delay of 13 percent. Travel patterns through this intersection are expected to change in the future with the extension of SR 167, and at the time of analysis was under construction and Sound Transit will continue to assess traffic operations and potential mitigation or contribution of proportionate share.

Tacoma Segment

In the Tacoma Segment, eight intersections (Intersections #9, #12, #24, #29, #30. #33, #34, and #43) would require mitigation or some contribution of proportionate share. Refer to Tables 5-33 and 5-34 to see the percentage increase between the No-Build and build alternatives and to see when the 10 percent rule applies when both the No-Build and build alternatives are below agency standards.

- **I-705 Northbound Ramp/E 26th Street (Tacoma Intersection #9) –** This intersection would operate at L.O.S. F with or without the proposed station during the AM and PM peak

hours, but the increase in delay associated with the station during the PM peak hour would be well over the 10 percent threshold. Installing a traffic signal at this intersection would improve intersection operations in both the AM and PM peak hours, especially for the northbound stop-controlled movement.

- **East C Street/E 26th Street (Tacoma Intersection #12) –** This intersection would operate at L.O.S. F with any of the build alternatives in both the AM and PM peak hours. Installing protected left turns for the eastbound movement would improve intersection operations in the AM and PM peak hours. Delays for the low northbound volume (less than 20 vehicles) are due to queuing from the East D Street intersection.
- **East L Street/Puyallup Avenue (Tacoma Intersection #24) –** This intersection would operate at L.O.S. F with any of the build alternatives in both the AM and PM peak hours. Installing a traffic signal would assist both northbound and southbound traffic (currently stop controlled).
- **E Portland Avenue Intersections at SR 509 Ramps (Tacoma Intersections #29 and #30) –** These SR 509 ramp intersections perform below agency standards during the PM peak hour. Improvements to mitigate PM peak traffic operations would include signalization of the intersections at the SR 509 access ramps on E Portland Avenue. Sound Transit would work with the local agency to determine intersection improvements for mitigation or contribution of proportionate share to accommodate both future TDLE station and Emerald Queen Casino growth.
- **E Portland Avenue Intersections at E 26th Street (Tacoma Intersection #33) and E 27th Street (Tacoma Intersection #34)** – These intersections perform below agency standards during the PM Peak period and the intersection at E Portland Avenue/E 26th Street also performs below standard in the AM peak hour. Sound Transit would work with the City of Tacoma to determine appropriate intersection configuration and traffic control to accommodate the future TDLE station and growth along E Portland Avenue from Puyallup Tribe of Indians development projects and other private development projects. Improvements to mitigate AM peak traffic operations at E 26th Street and PM peak traffic operations at both intersections would include signalization of current two-way stop-controlled intersections at E 25th Street and E 26th Street to improve operations and provide protected left-turn access to the Portland Avenue Station.
- **E Bay Street/River Road E (SR 167)/Pioneer Way E (Tacoma Intersection #43) –** This intersection performs below agency standards during the PM Peak period in the No-Build and Build Alternatives. At the time of analysis, this intersection was under construction and Sound Transit will continue to assess traffic operations and potential mitigation or contribution of proportionate share to accommodate both future TDLE station and Emerald Queen Casino growth.

8.4 Freight Mobility and Access

The TDLE alternatives do not require freight mitigation during operations beyond the mitigation identified at the local intersections identified in the Arterials and Local Streets section.

8.5 Nonmotorized Access

All TDLE build alternatives would not result in any permanent adverse impacts on existing nonmotorized facilities near the stations or along the guideway; therefore, no mitigation would be required.

8.6 Safety

All TDLE build alternatives would have no permanent impacts on transportation safety that would require mitigation. In locations where the available clear zone is reduced and relocation of the guideway is not feasible, Sound Transit would work with WSDOT and FHWA to design to roadway standards, such as regrading to reestablish a clear zone or installing guardrail, barriers, and/or walls. The proposed measures outlined in Section 8.3 would not adversely affect transportation safety in the study area.

8.7 Parking

Mitigation for parking impacts would be specific to each station.

Sound Transit would evaluate the impacts of TDLE patrons using available public on-street and off-street parking near the Tacoma Dome and the Portland Avenue Station. Sound Transit would inventory public on-street and off-street parking within 0.25 mile around each station for up to 1 year before the start of light rail revenue service. Inventories would exclude spaces that would be permanently removed and any space still in use for construction staging. These inventories would document the public on-street and off-street parking supply and utilization prior to the opening of TDLE for revenue service. Within a year after opening, Sound Transit would again inventory supply and utilization to determine parking impacts within 0.25 mile of the stations. If impacts are determined after light rail operations begin, Sound Transit and the local jurisdiction would work with the affected stakeholders to identify and implement appropriate mitigation measures.

Parking control measures could consist of parking meters, restricted parking signage, passenger and truck load zones, and residential parking zone permitting systems. Other parking mitigation strategies could include promotion of alternative transportation services (e.g., encourage the use of buses, vanpool or carpool services, walking, or bicycle riding). For parking controls agreed to with the local jurisdiction and community, Sound Transit would be responsible for the cost of installing the signage or other parking controls and any expansion of the parking controls for 1 year after opening the light rail system. The local jurisdiction would be responsible for monitoring the parking controls and providing all enforcement and maintenance of the parking controls, including ongoing residential parking zone-related costs. Off-street private lot owners would be responsible for monitoring and preventing potential TDLE patron parking within their own lots.

For acquired off-street parking resulting from partial property acquisitions Sound Transit would work closely with affected private business owners to determine the fair market value of the acquired spaces.

If parking is deferred from 2035 to 2038, spillover parking effects at the Fife and South Federal Way stations would be more likely in the period that TDLE is in service because not all 500 spaces would be available at each of the stations. The Fife and South Federal Way segments have very limited public on-street parking. Spillover parking impacts are anticipated to primarily affect privately owned off-street lots. Sound Transit and the local jurisdiction would work with affected stakeholders and implement appropriate mitigation measures if necessary.

8.8 Navigation

During TDLE operation, no mitigation of impacts on navigable waterways would be required. The elevated crossing over the Puyallup River with or without the pier-supported bridge option would maintain navigability by recreational and commercial watercraft users and therefore would not impact navigation.

9 CUMULATIVE IMPACTS

Cumulative impacts result from the proposed action's incremental impact when added to those of other past, present, and reasonably foreseeable future actions, regardless of what agency (federal or nonfederal) or person undertakes such other actions (40 CFR 1508.7). Cumulative impacts are considered because the public and government agencies need to evaluate a proposed action and its alternatives in a broad perspective, including how the project might interact with impacts that persist from past actions, with present-day activities, and with other projects that are planned but have not been built yet (reasonably foreseeable future actions). See Appendix H, Reasonably Foreseeable Future Actions, for the list of projects considered.

This chapter discusses potential cumulative transportation impacts that would be caused by TDLE. The analysis of the No-Build Alternative and the TDLE alternatives is inherently cumulative because it is based on regional forecasts that assume future funded projects and future growth in population and employment, located in designated growth centers, and consistent with adopted land use plans. However, there could be differences in impacts based on the details of other individual transportation or development projects and the actual rate and timing of population or employment growth in a given community.

9.1 Regional Facilities and Travel

Based on the latest state, regional, and surrounding local agencies' transportation plans, several transportation projects are assumed to be constructed by 2042 and therefore are included in the No-Build and build alternatives analysis. The background project list includes the WSDOT Puget Sound Gateway Program, which includes the SR 167 Completion Project, the Triangle Project Phase 2 improvements, the Port of Tacoma Road Interchange improvements, the 54th Avenue Interchange improvements, and other local agency intersection and roadway projects.

WSDOT could continue to implement lane management strategies, such as express tolled lanes or HOV designations along the highway system. Depending on how lane management strategies were administered, managed lanes could improve travel conditions on the highway system for some travel modes. WSDOT has no specific plans to implement lane management strategies on I-5 adjacent to the TDLE corridor, beyond the current 2+ HOV lane designation on the inside travel lanes in both directions.

The Triangle Project Phase 2 improvements portion of the WSDOT Puget Sound Gateway Program was suspended in 2023 with no scheduled resumption date. The construction timeline for these improvements could potentially overlap with construction of the TDLE alignment in the Federal Way and South Federal Way segment. Improvements to I-5 access ramps on S 348th Street would be adjacent to the construction of all alignment alternatives at the northern end of the South Federal Way Segment. Construction of the proposed roundabout at the intersection of Enchanted Parkway S, S 356th Street, and 16th Avenue S would be in close proximity to the station locations in South Federal Way and would affect portions of the construction zone for the SF Enchanted Parkway Alternative. If TDLE project construction and construction of these improvements occurred simultaneously, there would be additional impacts to traffic accessing I-5 from S 348th Street or along Enchanted Parkway and SR 18 during construction.

Stages 2a and 2b of the SR 167 Completion Project may overlap with TDLE construction in the Fife Segment and could affect traffic operations along Pacific Highway between the Fife and South Federal segments. Construction of the 54th Avenue Interchange and Port of Tacoma

Road Interchange improvements could potentially coincide with TDLE construction in the Fife Segment and may affect traffic accessing I-5 at these access points: SR 509 at Port of Tacoma Road and Pacific Highway at 54th Avenue E.

9.2 Transit Service and Operations

Future extensions of the regional mass transit network are depicted in Sound Transit's Regional Transit Long-Range Vision and include an extension south to Tacoma (Sound Transit 2014). If voters approve funding for construction of additional transit extensions, transit accessibility for the communities in the TDLE corridor would be increased through connections to additional regional destinations. Metro and Pierce Transit have adopted long-range plans that propose changes to bus service in their respective service networks. If fully implemented, they would include expansions to communities in the TDLE corridor and could increase overall light rail ridership.

In addition, WSDOT is developing a Service Development Plan for Amtrak Cascades that could increase regional connections at the Tacoma Dome Station.

9.3 Arterial and Local Street Operations

The future transportation impacts discussed in Chapter 5, Environmental Impacts, of this technical report were based on the results of traffic and ridership modeling that incorporates funded and approved future actions as well as projected growth that would include development in the region.

Other planned, but not funded, regional and local transportation and development projects could have some impacts on transit ridership and travel patterns within the study area, including traffic operations near the TDLE stations. This includes potential transit-oriented development, which could change how people access the stations, with a likely increase in people walking or biking to the station as nearby development occurs. Future transit and roadway capacity projects could also improve person throughput, traffic flow, and circulation on local streets along the corridor and reduce the impacts of proposed light rail stations on local traffic operations. Also, if the implementation of these projects overlaps, construction activities could have cumulative short-term impacts.

Stages 2a and 2b of the SR 167 Completion Project may overlap with TDLE construction in the Fife Segment and could create additional impacts to traffic accessing the Wapato Way E crossing of I-5. If construction in the Fife Segment and construction of the 54th Avenue and Port of Tacoma Road interchange improvements were to occur simultaneously, there would be potential for additional impacts to traffic operations on local and arterial streets, including Pacific Highway E, Port of Tacoma Road, and 54th Avenue E in Fife.

Planned Puyallup Avenue Corridor improvements in the City of Tacoma are currently partially funded, with construction anticipated between 2027 and 2031. Reconstruction of the roadway to implement bicycle, pedestrian, and streetscape improvements have the potential to overlap with TDLE construction activities in the Tacoma Segment. If construction activities in the Tacoma Segment and on Puyallup Avenue were to occur simultaneously, there would potentially be additional impacts to east-west traffic traveling along Puyallup Avenue, E 25th Street, and E 26th Street. Traffic crossing I-5 to access the Tacoma Dome and Portland Avenue station areas or SR 509 on E McKinley Way, East D Street, East L Street, and E Portland Avenue would also potentially be impacted.

9.4 Freight Mobility and Access

As described above, none of the build alternatives would have long-term travel impacts on freight mobility or access within the study area because the light rail guideway would operate in its own right-of-way. Therefore, there would be no potential cumulative transportation impacts on freight mobility and access with any of the build alternatives.

9.5 Nonmotorized Access

The spuyaləpabš Trail (formerly called the Tacoma to Puyallup Regional Trail) connecting the Tacoma Dome station area with SR 161 in Puyallup is funded through construction and would include trail facilities along Puyallup Avenue in Tacoma and Pacific Highway in Fife. There is potential for collaboration on the design of the trail and alternatives along Pacific Highway in the Fife Segment that together could improve nonmotorized access to the station locations in Fife.

Future unfunded nonmotorized projects could add more pedestrian and bicycle trips to the street network surrounding the TDLE light rail stations. These future projects could improve nonmotorized facilities within the TDLE study area.

9.6 Safety

The future safety impacts described previously for the No-Build and build alternatives include reasonably foreseeable future transportation projects. Other development would not likely affect safety in the TDLE study area.

9.7 Parking

Parking within the TDLE corridor could be affected by land use and transportation roadway changes that are not reflected in this analysis. Transportation projects that increase roadway capacity or multimodal options could increase parking demand within the TDLE corridor. Plans for local development near TDLE station areas, including the Federal Way South Station Subarea and Fife City Center Plan, would encourage transit oriented development around future stations. Parking demand generated by new development in TDLE station areas would be accommodated by developers based on jurisdictional parking requirements in local development regulations.

9.8 Construction

Chapter 6, Construction, covers the impacts of TDLE construction, assuming TDLE and Stage 2 of SR 167 Completion Project may have some concurrent construction. Since there could be some overlapping construction, the number of trucks on I-5, Pacific Highway, and other major roadways in the area and the number and duration of road closures would increase, thereby affecting all modes of transportation. Overall, it would increase impacts on the roadway capacity, transit service, sidewalks, and parking within most construction zones.

Sound Transit would coordinate with WSDOT on the timing of any road closures to minimize traffic impacts. As project designs advance, Sound Transit and WSDOT would coordinate on opportunities to combine construction of some project elements to minimize impacts and potentially reduce project costs.

Similar to Stage 2 of the SR 167 Completion Project, construction of other WSDOT projects, including the Triangle, I-5/54th Street Interchange, and I-5/Port of Tacoma Road Interchange projects, could overlap with TDLE construction. If so, truck volumes are expected to increase on I-5 but, in general, would not affect the number and duration of road closures in the TDLE study area. Regardless, Sound Transit would coordinate with WSDOT on the timing of any road closures to minimize traffic impacts.

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ATTACHMENT A

Transportation Methods Report

ATTACHMENT A. TRANSPORTATION METHODOLOGY REPORT

1.1 Introduction

This technical analysis memorandum is for the Tacoma Dome Link Extension (TDLE) Environmental Impact Statement (EIS) and describes the methods that will be used to analyze project effects on local, corridor, and regional transportation system elements. The transportation analysis will identify and evaluate the project alternatives' impacts for the following transportation elements during both operations and construction:

- Regional transportation, including vehicle miles of travel, vehicle hours of travel, vehicle hours of delay, and mode share
- Transit, including regional and local transit services, corridor and station ridership, and transit operations
- Arterial and local streets, including corridor analysis, intersection level of service, property access and local traffic circulation
- Freight
- Nonmotorized facilities (bicycle and pedestrian) around stations as well as circulation/connections to existing and planned networks
- Safety (all modes)
- Public Parking
- Navigation

1.2 Guiding Regulations, Plans, and/or Policies

In addition to the relevant regulations, plans and policies considered in all environmental analyses, the transportation analysis will be guided by the following laws and regulations:

- Code of Federal Regulations (CFR) 23 Part 450 (implementing United States Code [USC] 23 Section 111, which requires the U.S. Secretary of Transportation to approve access revisions to the Interstate System)
- CFR 23 Part 710 (Right-of-Way Regulations for Federally Assisted Transportation Programs)

Analysis of local transportation impacts will also be guided by the policy direction established in the numerous plans and policy documents adopted within the project corridor. These include:

- 2016 Washington State Public Transportation Plan (Washington State Department of Transportation [WSDOT] 2016a)
- WSDOT's Connecting Washington Package and Washington State Highway System Plan (WSDOT 2018a)
- WSDOT 2019–2022 Statewide Transportation Improvement Program (WSDOT 2019a)
- WSDOT Development Services Manual (M3007; last updated 2016) (WSDOT 2016b)

- WSDOT Design Manual (M22-01.18; 2019) (WSDOT 2019b)
- WSDOT Freight System Plan (WSDOT 2017)
- Sound Transit's Sound Transit 2 (ST2) and Sound Transit 3 (ST3) Programs (Sound Transit 2008, 2016)
- Strategic Plan for Public Transportation 2011–2021 (King County Department of Transportation Metro Transit Division [King County Metro] 2011)
- METRO CONNECTS (King County Metro 2016)
- Destination 2040 Long Range Plan (Pierce Transit 2016)
- Transit Development Plan: 2019-2024 (Pierce Transit 2019)
- The Regional Transportation Plan – 2018 (Puget Sound Regional Council [PSRC] 2018)
- PSRC Draft VISION 2050: A Plan for the Central Puget Sound Region (PSRC 2019)
- Puget Sound Gateway Program Construction and Implementation Plan (WSDOT 2018b)
- Comprehensive and/or Transportation Plans for the cities of Federal Way, Fife, and Tacoma, as well as King County and Pierce County
- Tacoma Municipal Code
- Tacoma Right-of-Way Design Manual
- Six-Year Capital Improvement Program for the cities of Federal Way, Fife, and Tacoma, as well as King County and Pierce County

1.3 Data Needs and Sources

A variety of data will be assembled to analyze the transportation-related effects of the project alternatives in each of the three study subareas (Federal Way, Fife, and Tacoma). These data sets include the following:

- Adopted PSRC Regional Land Use Forecasts
- PSRC based regional travel demand model to calculate regional and project area traffic volume growth and other associated traffic metrics
- The Sound Transit Incremental Ridership Model to produce transit ridership forecasts
- City of Tacoma Travel Demand Model
- Existing transportation information from state and local jurisdictions such as WSDOT, Federal Way, Fife, and Tacoma, including:
  - Traffic counts
  - Physical roadway characteristics
  - Freight volumes and facilities existing and planned
  - Existing truck routes, over-dimension routes, and any truck restrictions
  - Pedestrian and bicycle volumes and existing and planned facilities
  - Accident and collision data
  - Public parking information

- Existing transit route information in the study subareas from the local and regional transit agencies, and the Transit Integration Plan for future transit service prepared by Sound Transit and local transit providers
- Trip generation estimates from Link Light Rail Extension mode of access survey (2019) and/or Bay Area Rapid Transit (BART) Station Profile Study (BART 2015)
- Transportation facilities plans and other "committed" improvements assumed for the No-Build Alternative, including:
  - WSDOT's Connecting Washington Package and Washington State Highway System Plan (WSDOT 2018a)
  - PSRC's Regional Transportation Plan 2018 (PSRC 2018)
  - Sound Transit's ST2 and ST3 Programs (Sound Transit 2008, 2016)
  - Regional capital and/or transportation improvement plans (CIPs/TIPs) for Pierce County and King County
  - Relevant local agency capital and/or transportation improvement plans including those for Federal Way, Fife, and Tacoma

1.4 Study Area and Area of Effect

1.4.1 Regional Transportation

Analysis of system-wide traffic impacts will address the project alternatives' regional effects within Sound Transit's district boundaries and the project-specific regional study subareas shown in Figure A-1.

1.4.2 Transit

The transit analysis study area for each subarea is addressed in the transit integration plan developed by Sound Transit and both Pierce Transit and King County Metro. For more broadly defined transit measures the study subareas expand to the relevant regional transit system.

1.4.3 Arterials and Local Streets

The arterial and local street analysis study subareas will focus on locations affected by the light rail alternatives. The intersections that will be analyzed are those directly affected, such as by a change in channelization or intersection control, and those indirectly affected by changes in volume as a result of project trips accessing the system, including intersections and roadways surrounding transit stations and passenger pick-up and drop-off activity locations.

Seventy-eight intersections listed in Tables A-1 through A-3 and shown in Figures A-2 through A-4 summarize the proposed study intersections in each of the three study subareas. These study intersections were identified based on the project alternatives in the Alternative Development phase of the project as well as professional judgement in coordination with staff from Federal Way, Fife, and Tacoma. This list is preliminary based on expected direct and indirect impacts of the various project alternatives and will be reviewed and modified as necessary with Sound Transit and local jurisdiction staff. AM and PM peak period level of service (LOS) analysis will be conducted at all study intersections. Final confirmation of intersections to be studied will be documented in the Transportation Technical Report and EIS chapter.

Figure A-1 Study Area Subareas

Table A-1 Proposed Study Intersections in the South Federal Way Subarea

ID	Intersection Location	AM Peak Hour	PM Peak Hour
1	SR 99 (Pacific Highway) at S 336th Street	X	X
2	SR 99 (Pacific Highway) at 16th Avenue S	X	X
3	SR 99 (Pacific Highway) at S 348th Street	X	X
4	SR 161/Enchanted Parkway at S 348th Street	X	X
5	I-5 SB Ramps at SR 18 Mainline	X	X
6	SR 99 (Pacific Highway) at S 352nd Street	X	X
7	SR 161/Enchanted Parkway at S 352nd Street	X	X
8	SR 99 (Pacific Highway) at S 356th Street	X	X
9	SR 161/Enchanted Parkway at S 356th Street	X	X
10	Future I-5 SB Off-Ramp RAB at S 356th Street	X	X
11	SR 161 (Enchanted Parkway at SR 18 Westbound Off-Ramp)	X	X
12	SR 161 (Enchanted Parkway at Milton Road S/20th Avenue S)	X	X

EB = Eastbound; I-5 = Interstate 5; NB = Northbound; RAB = Roundabout; SB = Southbound; SR = State Route; WB = Westbound

Table A-2 Proposed Study Intersections in the Fife Subarea

ID	Intersection Location	AM Peak Hour	PM Peak Hour
1	Port of Tacoma Road at SR 509 WB Ramp	X	X
2	Port of Tacoma Road at SR 509 EB Ramp (12th Street E)	X	X
3	Port of Tacoma Road at Pacific Highway	X	X
4	34th Avenue E at Pacific Highway	X	X
5	Alexander Avenue E at SR 509 WB	X	X
6	Alexander Avenue E at SR 509 EB	X	X
7	Alexander Avenue E at 12th Street E	X	X
8	Alexander Avenue E at Pacific Highway	X	X
9	54th Avenue E at SR 509	X	X
10	54th Avenue E at 12th Street SE	X	X
11	54th Avenue E at SR 99 (Pacific Highway)	X	X
12	54th Avenue E at I-5 SB Ramps	X	X
13	54th Avenue E at I-5 NB Ramps	X	X
14	54th Avenue E at 20th Street E	X	X
15	54th Avenue E at Valley Avenue E	X	X
16	59th Avenue Court E at SR 99 (Pacific Highway)	X	X
17	62nd Avenue E at 12th Street SE	X	X

Table A-2 Proposed Study Intersections in the Fife Subarea (continued)

ID	Intersection Location	AM Peak Hour	PM Peak Hour
18	62nd Avenue E at SR 99 (Pacific Highway)	X	X
19	SR 99 (Pacific Highway) at Porter Way	X	X
20	70th Avenue E at SR 99 (Pacific Highway)	X	X
21	70th Avenue E at 20th Street E	X	X

EB = Eastbound; I-5 = Interstate 5; NB = Northbound; RAB = Roundabout; SB = Southbound; SR = State Route; WB = Westbound

Table A-3 Proposed Study Intersections in the Tacoma Subarea

ID	Intersection Location	AM Peak Hour	PM Peak Hour
1	Pacific Avenue at SR 509	X	X
2	Pacific Avenue at Puyallup Avenue	X	X
3	Pacific Avenue at E 25th Street	X	X
4	Pacific Avenue at E 26th Street	X	X
5	Pacific Avenue at E 34th Street	X	X
6	A Street at Puyallup Avenue (S 24th Street)	X	X
7	A Street Highway at E 25th Street	X	X
8	A Street Highway at E 26th Street	X	X
9	I-705 NB Off-Ramp at E 26th Street	X	X
10	East C Street at E 25th Street	X	X
11	East C Street at Tacoma Dome Parking Lot West Driveway	X	X
12	East C Street at E 26th Street	X	X
13	Future East D Street at SR 509 WB Off-Ramp	X	X
14	Future East D Street at SR 509 EB On-Ramp	X	X
15	East D Street at Dock Street Extension	X	X
16	East D Street at Puyallup Avenue	X	X
17	East D Street at E 25th Street	X	X
18	East D Street at Tacoma Dome Parking Lot East Driveway	X	X
19	East D Street at E 26th Street	X	X
20	East D Street (E McKinley Way) at East C Street (Wiley Avenue)	X	X
21	East McKinley Avenue at E 34th Street	X	X
22	East E Street at Puyallup Avenue	X	X
23	East F Street at Puyallup Avenue	X	X
24	East G Street at Puyallup Avenue	X	X
25	East G Street at E 25th Street	X	X
26	East L Street at Puyallup Avenue	X	X
27	East L Street at E 26th Street	X	X
28	East L Street at E 27th Street (E Wiley Avenue)	X	X
29	East L Street at E 28th Street	X	X

Table A-3 Proposed Study Intersections in the Tacoma Subarea (continued)

ID	Intersection Location	AM Peak Hour	PM Peak Hour
30	East L Street at E 34th Street	X	X
31	Portland Avenue at SR 509 WB On-Ramp	X	X
32	Portland Avenue at SR 509 EB Off-Ramp	X	X
33	E Portland Avenue at Puyallup Avenue	X	X
34	E Portland Avenue at E 25th Street	X	X
35	E Portland Avenue at E 26th Street	X	X
36	E Portland Avenue at E 27th Street (I-5 SB On-Ramp)	X	X
37	E Portland Avenue at E 28th Street	X	X
38	E Portland Avenue at E 32nd Street	X	X
39	East R Street (E Bay Street) at Alley	X	X
40	East R Street (E Bay Street) at E 27th Street	X	X
41	East R Street (E Bay Street) at E 28th Street	X	X
42	East R Street at E 30th Street	X	X
43	East R Street at E 32nd Street	X	X
44	E Bay Street at E 29th Street RAB	X	X
45	E Bay Street (River Road E) at E Pioneer Street	X	X

EB = Eastbound; I-5 = Interstate 5; NB = Northbound; RAB = Roundabout; SB = Southbound; SR = State Route; WB = Westbound

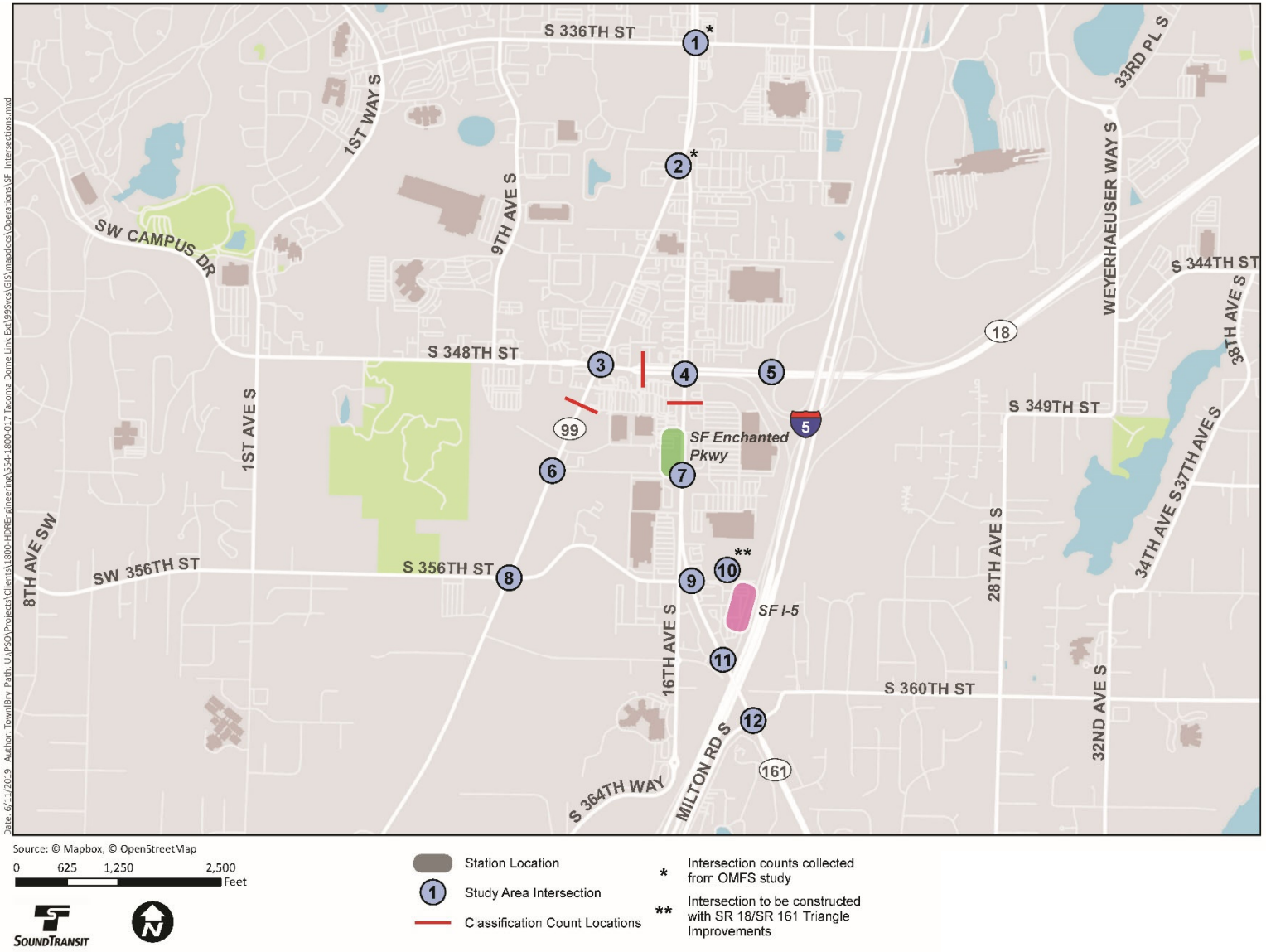

Figure A-2 South Federal Way Subarea Intersections

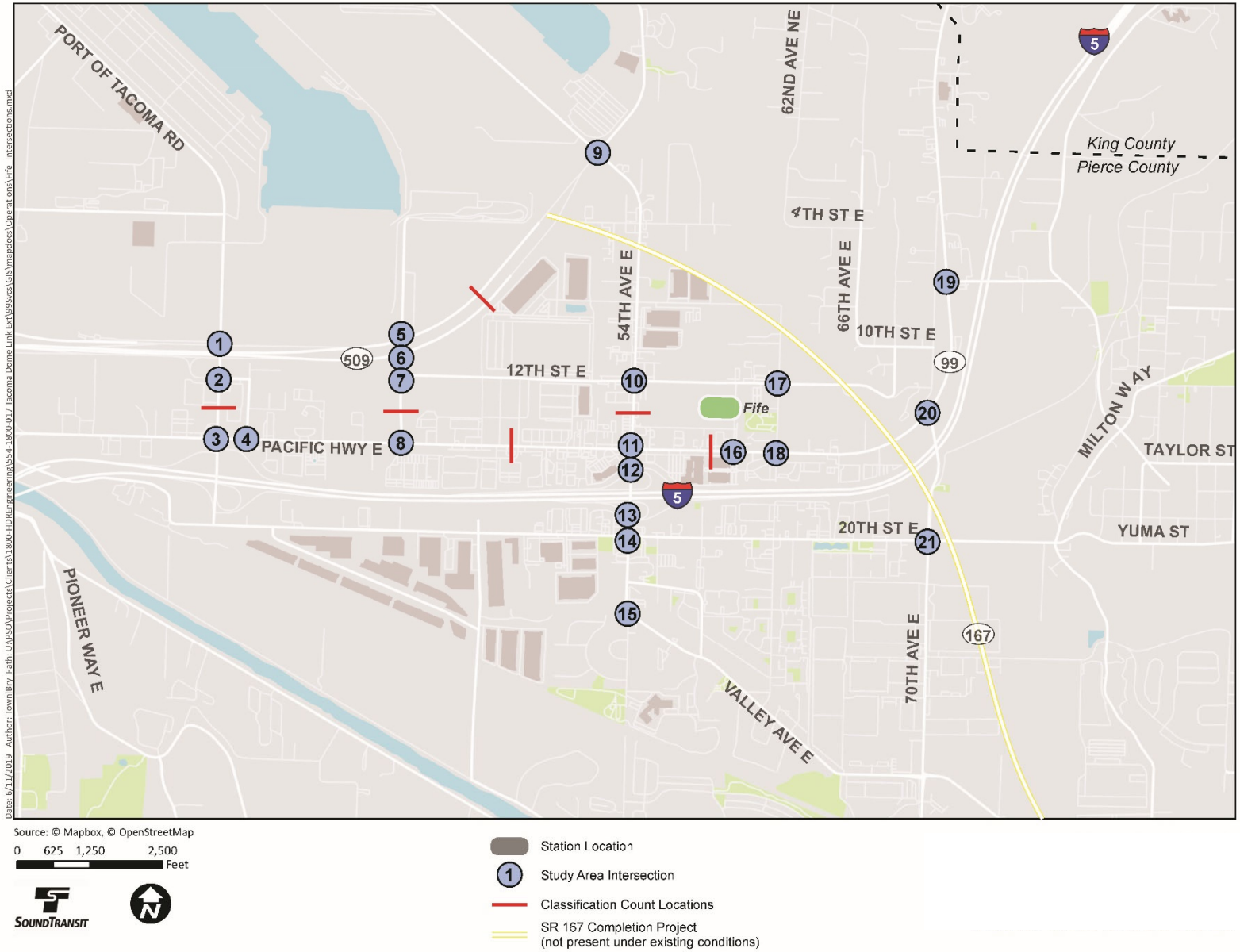

Figure A-3 Fife Subarea Intersections

Figure A-4 Tacoma Subarea Intersections

1.4.4 Freight

The methodology will identify freight volumes in all three study subareas, as applicable. The study subareas for freight will be the same as for regional and local roadways.

Truck freight will be classified into two vehicle types: small/medium trucks and large trucks (the remaining percentage of total vehicles would consist of passenger vehicles). Special attention will be paid to freight facilities, freight operations, and freight movements in the Fife and Tacoma subareas, which house multiple entrances to the Port of Tacoma.

1.4.5 Nonmotorized

The study subareas and area of effect for nonmotorized facilities will be within a 1-mile radius of each station area for pedestrian facilities and within a 3-mile radius of each station area for bicycle facilities.

1.4.6 Safety

The safety analysis will consider all modes of transportation and therefore the study subareas and areas of effect will be the same as described for each mode above.

1.4.7 Parking

The study subareas and areas of effect for public on-street and off-street parking will generally be limited to one block on either side of the project footprint, the area used for construction, and 0.25-mile walking distance from each station. Additional off-street parking provided by the TDLE station would be evaluated as well.

1.4.8 Navigation

The elevated crossing over the Puyallup River would maintain navigability. The project has received advance approval determination from the U.S. Coast Guard, and an individual bridge permit from the U.S. Coast Guard will not be required.

1.5 Affected Environment

The affected environment will document existing conditions for each element of the transportation system evaluated within each of the study subareas. These elements include Regional Transportation, Transit, Arterials and Local Streets, Freight, Nonmotorized Facilities, Safety, Parking, and Navigation. The detailed means for documenting the existing conditions for these transportation elements are discussed in the Environmental Impact section because the methods and measures to assess the existing conditions, No-Build Alternative, and project alternatives are largely the same. Existing conditions information will be both quantitative and qualitative and will be displayed both graphically and in a tabular format as appropriate. Specific existing conditions information will include the following:

- Existing transit route information in the study subareas will be obtained from the local and regional transit agencies and compiled. This task will include information on routes that serve the project corridor. The bus route information will include service areas, hours of service (including schedule/frequency), reliability, and passenger load. Passenger load

information will be collected at selected screenline locations. Transit reliability information will be collected for selected routes at key destinations that serve the project corridor.

- Existing AM and PM peak hour turning-movement counts at the study intersections in each of the subareas as summarized in Tables A-1 through A-3. Historical counts will be obtained from Federal Way, Fife, Tacoma, and WSDOT for reference and volume development purposes. New counts will be collected for all of the subarea study intersections for the 2 hours during the AM and PM peak periods. The new counts will include automobiles, trucks, buses, pedestrians, and bicyclists. All peak hour turning-movement counts will be factored into the existing conditions analysis year using available historical data trends.
- Daily roadway classification counts in the study subareas will be collected. These counts will be for multiple days, and the relationship between average daily traffic (ADT) and AM and PM peak hour volumes would be noted for each study count. Daily classification counts will also be summarized to show general purpose versus truck freight volumes and peaking characteristics.
- Physical characteristics of the existing street system will be noted, including functional use, lane geometry, traffic signal timing and phasing patterns, and other parameters necessary to conduct traffic operations analysis (such as the proximity of bus stops, speed limits, transit signal priority, and presence of public and restricted on-street parking). This data will be field-verified as appropriate.
- Existing freight facilities, truck routes, over-dimension routes, and any truck restrictions will be identified.
- Pedestrian and bicycle volumes in the study subareas will be obtained from local jurisdictions as available. Where data is not available for areas of high pedestrian and bicycle activity in the study subareas (including station areas, activity centers, and major nonmotorized facilities such as regional trails), pedestrian and bicycle volumes will be collected. The data collection effort will consist of the study intersections identified previously and any nonmotorized trails within the subarea study areas.
- Existing and planned pedestrian and bicycle facilities in each station area will be inventoried by either field visits or available information from local jurisdictions. The pedestrian and bicycle facility assessment will be based on a radius buffer. This inventory will include identification of school walk routes and any barriers to pedestrian or bicycle travel within each station area. The general sidewalk condition immediately surrounding station areas will be qualitatively assessed.
- Collision data for the most recent 3-year period will be obtained for the study subarea intersections (signalized and unsignalized). Collision data for roadway segments (between intersections) will be collected where at-grade or elevated light rail alternatives are running within or immediately adjacent to a roadway.
- On- and off-street public parking supply, existing parking restrictions, and weekday public parking utilization survey data will be obtained from local jurisdictions and augmented by field visits where appropriate. Parking supply data collected will be by type of parking (e.g., time limited parking, free parking, loading zone, private) and location (e.g., block face). Parking utilization counts by block face or parking lot will be collected once during the weekday mid morning or mid-afternoon hours. This time period represents typical conditions for parking demand.
- Existing river navigation on the Puyallup River will be summarized.

1.6 Environmental Impact Analysis

1.6.1 Assumptions and Tools

1.6.1.1 Transportation Analysis Years and Period

Based on the project's schedule and available traffic forecasting data, the transportation analysis will focus on two distinct years:

- Existing – 2019.
- Future horizon year – 2042. This is the proposed horizon analysis year consistent with regional planning. This horizon year is consistent with Sound Transit long-range planning and assumes the full build of Sound Transit's ST3 system, which is planned for completion by 2041. This horizon year would utilize the PSRC 2040 land uses and roadway network assumptions (PSRC 2018).

In the existing and horizon year analysis, the AM and PM peak periods will be evaluated with the focus of the analysis on the impact analysis during the peak hour. The intersections that will be evaluated under each time period are identified in Tables A-1 through A-3. The AM peak period is between 6:00 a.m. and 9:00 a.m. and the PM peak period is between 3:00 p.m. and 6:00 p.m., although both peak periods will be confirmed through historical daily counts. These peak periods are considered the timeframes when traffic impacts are the highest; therefore, the analysis will be of the worst-case scenario for overall traffic conditions. Common peak hours will be determined for each study subarea as opposed to individual intersection peak hours.

1.6.1.2 EIS Analysis Conditions

The EIS analysis will be developed for the conditions listed in Table A-4. The existing and no-build conditions will provide a point of comparison against the build (project alternatives) conditions. This comparison determines project benefits and impacts based on the measures described later in this report.

Table A-4 EIS Analysis Conditions

Condition	Existing Year 2019	Future Horizon Year 2042	Notes
Existing	X		
No-Build		X	Based on travel demand forecasts and an assumed list of constructed background projects.
Build (Project Alternatives)		X	The horizon year condition assumes the full-length project is constructed and operating.

1.6.1.3 Background Project Identification

The future 2042 No-Build Alternative and project alternatives include a variety of projects from the state, regional, and surrounding local agencies' transportation plans. These projects are assumed to be built and in place before the project is completed. This list of background projects provides valuable insight into how the transportation system within and surrounding the project's study subareas will change from existing conditions. These projects may directly affect transportation conditions, such as by altering travel patterns, affecting roadway operations and safety, and influencing nonmotorized access and connections. The sources for developing the background project list include:

- WSDOT's Connecting Washington Package and Washington State Highway System Plan (WSDOT 2018a)
- WSDOT 2019–2022 Statewide Transportation Improvement Program (WSDOT 2019a)
- PSRC's Regional Transportation Plan—2018 (PSRC 2018)
- Sound Transit's Sound Transit 2 (ST2) and ST3 Programs (Sound Transit 2008, 2016)
- Relevant local agency CIPs and/or TIPs
- Comprehensive Plans for Pierce and King counties (Pierce County 2015; King County 2017)
- Comprehensive Plans for the cities of Federal Way, Fife, and Tacoma

The horizon year conditions will include state, regional, and local agency projects that are reasonably foreseeable, in an officially adopted plan, and have either completed environmental review or are funded or permitted.

Sound Transit 3 Modeling: Background Bus Network documents the network assumptions for the regional transit system that are the basis of the transit ridership forecasting.

1.6.1.4 Analysis Tools and Processes

This section describes the analysis tools and modeling process that will be used to conduct the 2042 horizon year transportation analysis for the EIS.

Travel Demand Forecasting Models and Process

The transportation analysis will use two regional travel demand models to support the assessment of future conditions. These models are:

- The Sound Transit Incremental Ridership Model to produce transit ridership forecasts
- A PSRC-based regional travel demand model to calculate regional and project area traffic volume growth and other associated traffic metrics

These models provide data for the regional measures, transit system operations analysis, local and arterial traffic operations analysis, and a variety of other environmental analyses.

While the Sound Transit Incremental Ridership and the PSRC regional travel demand models will be run independent of one another, they use many of the same data sources, including land use, costs, and transit networks. Figure A-5 illustrates the relationship between the two demand models.

Sound Transit Incremental Ridership Model

The current version of the Sound Transit Incremental Ridership Model (Version 2019.01) uses analytical ridership forecasting procedures developed over three decades of incremental methods applications. During this period, the methods have been subjected to substantial external review, including three independent expert review panels and four cycles of review by the Federal Transit Administration (FTA) over the course of New Starts grant applications for Link light rail projects (FTA 2013). As previously noted, the Sound Transit and PSRC modeling procedures are the foundation of the transportation technical analysis and are closely interrelated and highly complementary. The Sound Transit ridership model uses data from the PSRC modeling process to establish measures of change in external factors, including population and economic growth, and highway congestion.

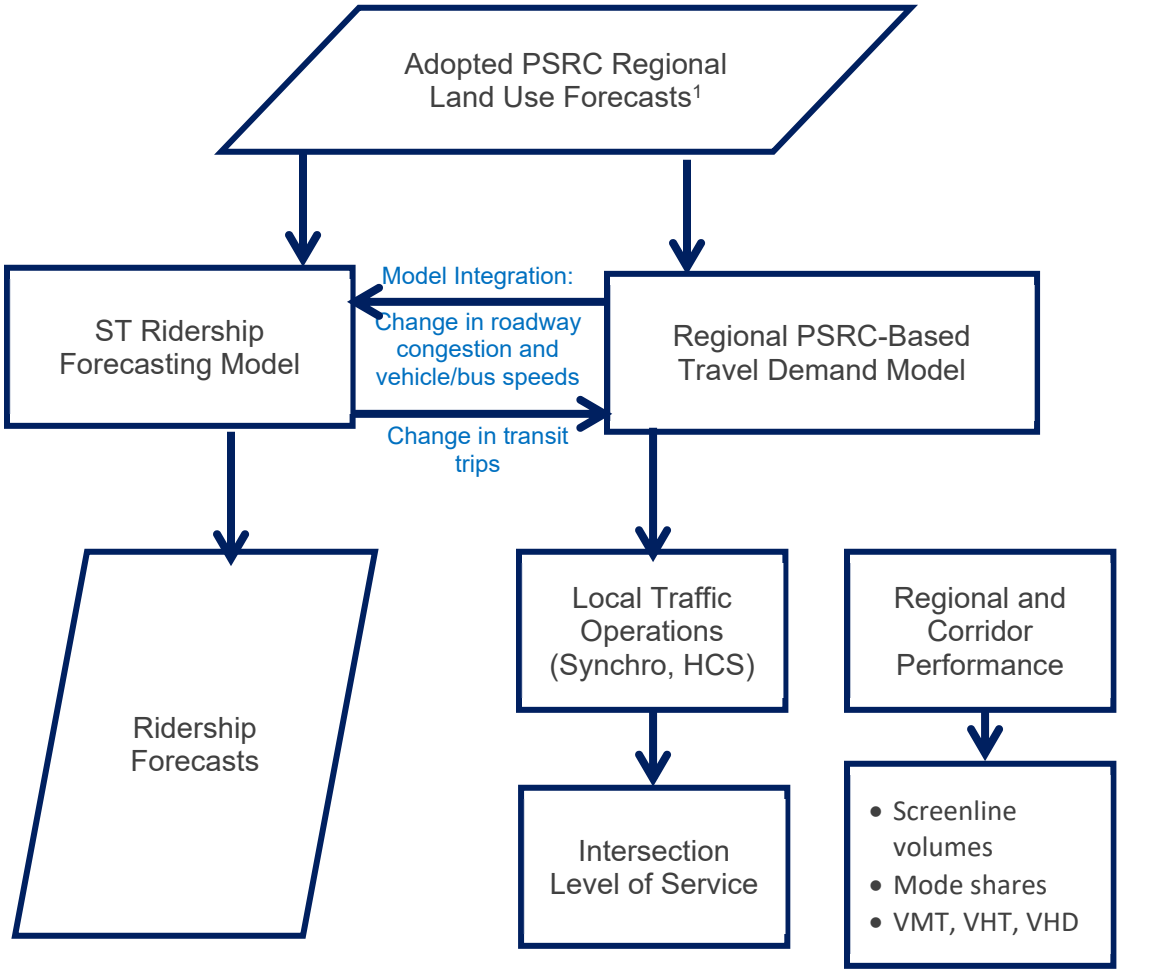

[1] This model will be updated to reflect the latest adopted PSRC land use forecasts available at the beginning of the EIS process. It is assumed this will be PSRC's "Land Use Vision 2" land use scenario released in 2017.

Figure A-5 Sound Transit Ridership Forecasting Model and PSRC Based Regional Model Relationship

The current model version is 2016-based, using new land use data (PSRC's January 2017 Land Use Vision, version 2 [LUV.2]) consistent with the version implemented in the current PSRC planning activities, along with ORCA card tap and passenger count data within the general incremental modeling framework. The version of the model being used was updated using service levels and average weekday ridership counts from late September 2016 to late March 2017, reflecting data after the opening of the U-Link extension. The Sound Transit model will be used to produce rail and bus ridership forecasts for the EIS and will be part of a post-processing step to provide adjustments to the regional traffic model.

Transit Ridership Forecasting Process

The Sound Transit Incremental Ridership Model will be used to perform the transit ridership (bus and rail) forecasts for the future horizon year of 2042. The transit ridership output from this model is used to analyze transit impacts as well as provide information used to analyze the regional system, traffic and roadway conditions, station areas, and nonmotorized system.

The existing transit system and future transit system, which includes the planned Sound Transit system and a reasonably foreseeable future bus network, will be documented through a transit integration plan developed with King County Metro and Pierce Transit. This transit integration plan will be used to code the transit services/networks for the No-Build Alternative and project alternatives in the ridership model. The Sound Transit ridership model will then be run for the No-Build Alternative and project alternatives to prepare transit forecasts for analysis in the EIS.

For the 2042 horizon year, the Sound Transit ridership model is run to reflect a low, base, and high future ridership scenario reflecting varying levels of land use growth and per-mile auto pricing, while maintaining a consistent transit network between the three scenarios. This is similar to the way the ridership forecasts were prepared for ST3: The Regional Transit System Plan, where forecasts were presented as ranges rather than a single number (Sound Transit 2016). Specifically, the assumptions are as follows:

- Growth in real income is assumed to be 0.5 percent per year and is common across all three scenario forecasts.
- Low transit forecast scenario:
  - Land use change between 2016 and 2030.
- Base transit forecast scenario:
  - Land use changes between 2016 and 2040. Year 2040 land use forecast was used as an approximate of 2042.
- High transit forecast scenario:
  - Land use changes between 2016 and 2045 (based on extending 2040 land use for 5 more years using implied growth exhibited in 2035 to 2040 land use forecasts).
  - Per-mile pricing (7 cents per mile for peak and 2 cents per mile for off-peak) added to base 19 cents per mile auto operating costs (Sound Transit 2018).

As indicated in the high transit forecast scenario, auto operating costs used in the Sound Transit ridership model take into account relevant tolls and driving fees and are consistent with assumptions in the PSRC Based Travel Demand Model being used for this analysis.

PSRC-Based Four-County Regional Travel Demand Model

The regional travel demand model that will be used in this analysis has been developed specifically for the four county PSRC area as a refinement of the PSRC trip-based travel demand model. The model is rooted in the latest PSRC 4k model (V4.05, fall 2017) and includes enhancements to trip generation, trip distribution, and assignment methodologies to reflect localized conditions within the project corridor.

The land use inputs used in the regional travel demand model, consistent with those used for the Sound Transit ridership model and WSDOT Gateway SR 167 Completion project, are based on LUV.2. The LUV.2 forecasts, developed to support PSRC's 2018 transportation plan update, are used as control totals for all land use estimates within the region. While the official control totals (at the city level) are used for regional consistency, land use distribution modifications have been made in the regional model based on specific data provided by PSRC jurisdictions (Seattle, Bellevue, Redmond, Tacoma, Issaquah, Tukwila, Federal Way, Kent, Des Moines, King County, Snohomish County) that have utilized the model for other recent projects.

Regional Travel Demand Model Process

Future No-Build (Baseline) Travel Demand Conditions

For the future no-build conditions, the regional travel demand model will be run and trip tables will be assigned to networks by time of day. Growth rates derived from the travel demand model assignments will be applied to the observed traffic volume counts to develop estimated future AM and PM peak hour and daily traffic forecasts.

Future Build Travel Demand Conditions

The regional travel demand model will be used to generate traffic volumes for the project alternatives based on the integration of transit ridership forecasts developed for the project alternatives from the Sound Transit Incremental Ridership Model. The projected changes to transit demand associated with the project alternatives will be incorporated into the regional travel demand model to reflect travel pattern and volume effects from changes in transit ridership. This process is illustrated in Figure A-5. This process will only be used to produce traffic volumes for the project alternatives at the regional, corridor and subarea system levels (e.g., vehicle miles traveled [VMT], vehicle hours traveled [VHT], vehicle hours of delay [VHD], and screenline data).

To develop traffic volumes for the build condition used in the arterial and local street analysis, the traffic volumes developed for the no-build condition will be used as a base, with additional volumes added to reflect the vehicle traffic anticipated to be generated by the project. This is explained further under the Transportation Analysis and Measures section.

The model integration process between the Sound Transit and PSRC models is a step within the overall modeling process shown in Figure A-5. In this integration process, the goal is to supplement the transit demand forecasts generated by the PSRC model with the data from Sound Transit's Incremental model to ensure consistency in the forecasts between the two models. This is accomplished by supplying future roadway congestion and vehicle speed information from the PSRC model to the Sound Transit model to develop the future transit ridership forecasts. The transit ridership forecasts from the Sound Transit model are then input into the PSRC regional travel demand model to develop the traffic forecasts for the project alternatives.

Trip Generation

Trip generation at transit stations or other Sound Transit facilities will be developed for various modes of travel, including:

- Park-and-rides and other public parking facilities
- Auto trips: drop-off/pick-up and transportation network company trips such as Uber and Lyft
- Transit trips: number of buses serving a station
- Walk/bike trips: bus transfers and walk/bike trips

Trip generation estimates will be based on several sources. One consideration is the Sound Transit mode of access survey for the Link Light Rail Extension collected in spring 2019. The mode of access survey collected data for the full length of the light rail line from the University of Washington Station to the Angle Lake Station. Additionally, national data sources such as data from the BART Station Profile Study (BART 2015) will be considered. The BART study is a comprehensive mode of access and egress survey of BART rail users in the San Francisco Bay area. Available research and data related to transportation network company trips to and from transit stations will also be considered.

Trip generation at park-and-rides will assume the parking supply is fully utilized and will be based on the maximum capacity of the parking facility and not forecasted demand. Trip generation for other Sound Transit facilities (e.g., maintenance facility parking) will be based on maximum parking capacity or projected use, as appropriate.

Information on bus service for each station will be developed by Sound Transit, Pierce Transit, and King County Metro service planners as part of the planning-level transit service integration plan. This plan includes changes in local transit circulation to and from the station area, which will be incorporated into the overall trip generation.

The vehicle and nonmotorized (pedestrian and bicycle) trips associated with the light rail station ridership forecasts for the alternative with the highest ridership at that station will be used for evaluating the station area effects. Exceptions may be made at locations with substantial differences between alternatives (e.g., one has bus transfer opportunities, and one does not). In these cases, two trip-generation scenarios may be developed. Trips will be assigned to the nonmotorized and vehicular networks around the station locations based on existing and anticipated future circulation patterns.

1.6.2 Traffic Operations Analysis Tools

The Synchro/SimTraffic 10 studio suite combines the modeling capabilities of Synchro and the micro simulation and animation capabilities of SimTraffic. Synchro is a macroscopic analysis and optimization software application that supports the Highway Capacity Manual's (HCM) 6th Edition (Transportation Research Board 2016), 2010 and 2000 for signalized intersections, unsignalized intersections, and roundabouts. Synchro's signal optimization routine allows users to weight specific phases, thus providing more options when developing signal timing plans. SimTraffic is a powerful, easy-to-use traffic simulation software application. With SimTraffic, individual vehicles are modeled and displayed traversing a street network.

The study subarea intersection operations and 95th percentile queuing results will be evaluated and compared based on SimTraffic models to understand the true impact of traffic congestion and closely spaced intersection interactions. Synchro/SimTraffic models will be developed for

the existing year (2019) and future year (2042) No-Build Alternative and project alternatives. Existing signal timing plans will be obtained from local agencies and used in the existing Synchro/SimTraffic models.

SIDRA (version 7) will be used to analyze study subarea intersections that either currently operate as, or are anticipated to operate as roundabouts consistent with WSDOT protocols.

1.6.3 Other Tools

Mode-of-access tools including geographic information system (GIS)-based software will be utilized to define the walk, bicycle, and automobile “access sheds” in study subareas described previously. As existing travel behaviors continue to change and travel behaviors emerge that provide mobility options and choices for travelers, such as rideshare vehicles, additional analysis software and/or tools may be developed to provide support for evaluation measures related to these behaviors.

1.7 Transportation Resource Analysis and Measures

This section discusses the transportation analysis and measures that will be documented in the EIS to understand the affected environment and the direct impacts of the No-Build Alternative and project alternatives. Direct impacts include measures to assess the long-term impacts as well as short-term construction impacts. This section also includes the analysis and measures used to determine indirect and cumulative impacts on the transportation system.

1.7.1 Assessment Methods and Analysis Thresholds

The analysis and measures in this section are presented by the specific transportation element that will be documented in the Transportation chapter and Transportation Technical Report of the EIS. The transportation analysis will be performed at three assessment levels, depending on transportation element: regional, corridor and subarea, and local.

Regional measures are defined as within the project area and beyond, and are considered regional-wide (e.g., Pierce and King counties). Measures at the corridor and subarea level are intended to provide information for the project area or a segment within the project area. Measures at the local level would provide information specific to a certain location, transit route, or transportation facility. Table A-5 summarizes the transportation analysis measures.

Measures for assessing these transportation elements, discussed in the following sections, will be both quantitative and qualitative, and results will be displayed both graphically and in a tabular format as appropriate.

Table A-5 Transportation Measures by Transportation Element

Transportation Element	Assessment Level	Measures
Regional and Corridor Traffic	Regional	Growth rates, VMT, VHT, VHD.
	Corridor and Subarea	Growth rates, screenline volume, volume-to-capacity (v/c) ratio, mode share.
Transit	Regional	System-wide daily transit trips and boardings, total daily light rail boardings, total daily Sounder boardings.
	Corridor and Subarea	Project-wide daily transit trips, project-wide daily transit trips by transit-dependent population, station area boardings, travel times.
	Local	Effects on local transit patterns and circulation, reliability, and access to proposed station locations.
Arterials and Local Streets	Local	Traffic patterns, street closures, property access modifications.
		Intersection LOS, delay, and queue lengths.
Freight	Local	Identify truck and rail freight routes and impacts, as well as impacts to business loading zones and access.
Safety	Local	Historical intersection and roadway collision type and frequency. Safety assessment of effects on auto, freight, transit, and nonmotorized modes.
Nonmotorized Facilities and Modes	Local	Pedestrian and bicycle access, circulation and facility gaps surrounding stations, barriers, Americans with Disabilities Act accessibility, school walk route impacts.
Parking	Local	Parking impact near stations, including: parking provided by the project, spaces removed, current parking supply and restrictions, estimated parking demand, and assessment of drop-off/pick-up area needs based on estimated kiss-and-ride and rideshare forecasts.
Construction	Local	Qualitative impacts on traffic operations, transit operations, property access, nonmotorized travel, parking supply, freight, and marine navigation (if applicable) associated with transportation facility closures. Include estimation of construction-related traffic, truck routes, and staging areas.

1.7.2 Regional and Corridor Traffic

1.7.2.1 Operations

Regional Traffic

Evaluation Measures

Information from the regional model developed for this study will be the key data source for this analysis. The following types of data will be produced for horizon year 2042 to analyze the effect of project alternatives on regional or system-wide traffic characteristics:

- Traffic growth rate – the annual growth rate for vehicle traffic in the region
- VMT – Total average daily vehicle miles traveled on the regional highway system
- VHT – Total average daily vehicle hours traveled on the regional highway system
- VHD – Total average daily vehicle hours of delay on the regional highway system, which indicates the total level of congestion on the highway system

Evaluation Approach

Information from the regional model will be used to generate the No-Build Alternative and project alternatives VMT, VHT, and VHD data for the long-term conditions. This model will be run in an iterative process with the Sound Transit Incremental Ridership Model, with highway traffic volumes reflecting changes in transit ridership as described in the Analysis Tools section. Matrices of vehicle trips and travel times on an origin-destination pair level from the model will be used to quantify estimated VHT, and matrices of vehicle trips and hours of delay per trip will be used to quantify the impact of the project alternatives on VHD.

Short-term changes in regional traffic during construction will not be assessed unless there are direct construction impacts on a regional facility, such as state highways.

Corridor Subarea Traffic

Evaluation Measures

Vehicle traffic demand within the project area will be forecasted and presented as an annual growth rate. Additional measures used to evaluate effects within a corridor and/or section of the study subareas will be based on a screenline-level analysis. Screenlines are imaginary lines drawn across one or more roadways to compare aggregate changes in traffic conditions. Data for each screenline may include:

- PM peak hour and daily vehicle volumes
- Roadway/segment vehicle v/c ratios (possibly converted to a generalized LOS)
- Mode share – person mode split between transit and automobile

Evaluation Approach

The analysis of traffic impacts in various segments of the corridor will involve comparing traffic conditions on the highway and local street system at selected screenlines for each alternative.

The screenline comparisons will provide a snapshot of traffic operations along each corridor. A map and table will be used to present data at screenline locations, as shown in Figure A-6.

- Screenline 1 – East-west between SR 509 and E Valley Highway near 360th Street
- Screenline 2 – North-south between SR 509 and Pioneer Avenue west of 54th Avenue
- Screenline 3 – North-south between SR 509 and Pioneer Way near the Puyallup River
- Screenline 4 – North-south between E 11th Street and I-5 near the Tacoma Dome
- Screenline 5 – East-west between I-5 and E Valley Highway between S 38th and S 56th Street

Information for each screenline will be generated from the project's regional model and Sound Transit's ridership model and will include PM peak hour and daily values.

1.7.2.2 Construction

Construction impacts will be qualitatively assessed to determine if the project's construction would have any impact on the regional and subarea traffic measures.

1.7.3 Transit

1.7.3.1 Operations

Regional Transit

Evaluation Measures

The following measures will be considered for assessing effects of the project on regional transit for horizon year 2042:

- Daily transit trips for each project alternative, compared to the No-Build Alternative (the currently assumed 2042 ST3 transit system). The number of new riders will also be estimated based on the difference in numbers of system-wide transit riders between the No-Build Alternative and project alternatives.
- Daily transit boardings for each project alternative compared to the No-Build Alternative.
- Daily system-wide Link boardings associated with each corridor alternative.
- Daily system-wide Sounder boardings associated with each corridor alternative.

Evaluation Approach

As described earlier, the Sound Transit ridership model will be used to produce data related to regional transit forecasts associated with the alternatives. The network will be coded to reflect the No-Build Alternative and project alternatives, and then the model will be run to produce transit forecasts for each alternative. Ridership forecast results will be provided as direct outputs from the ridership model.

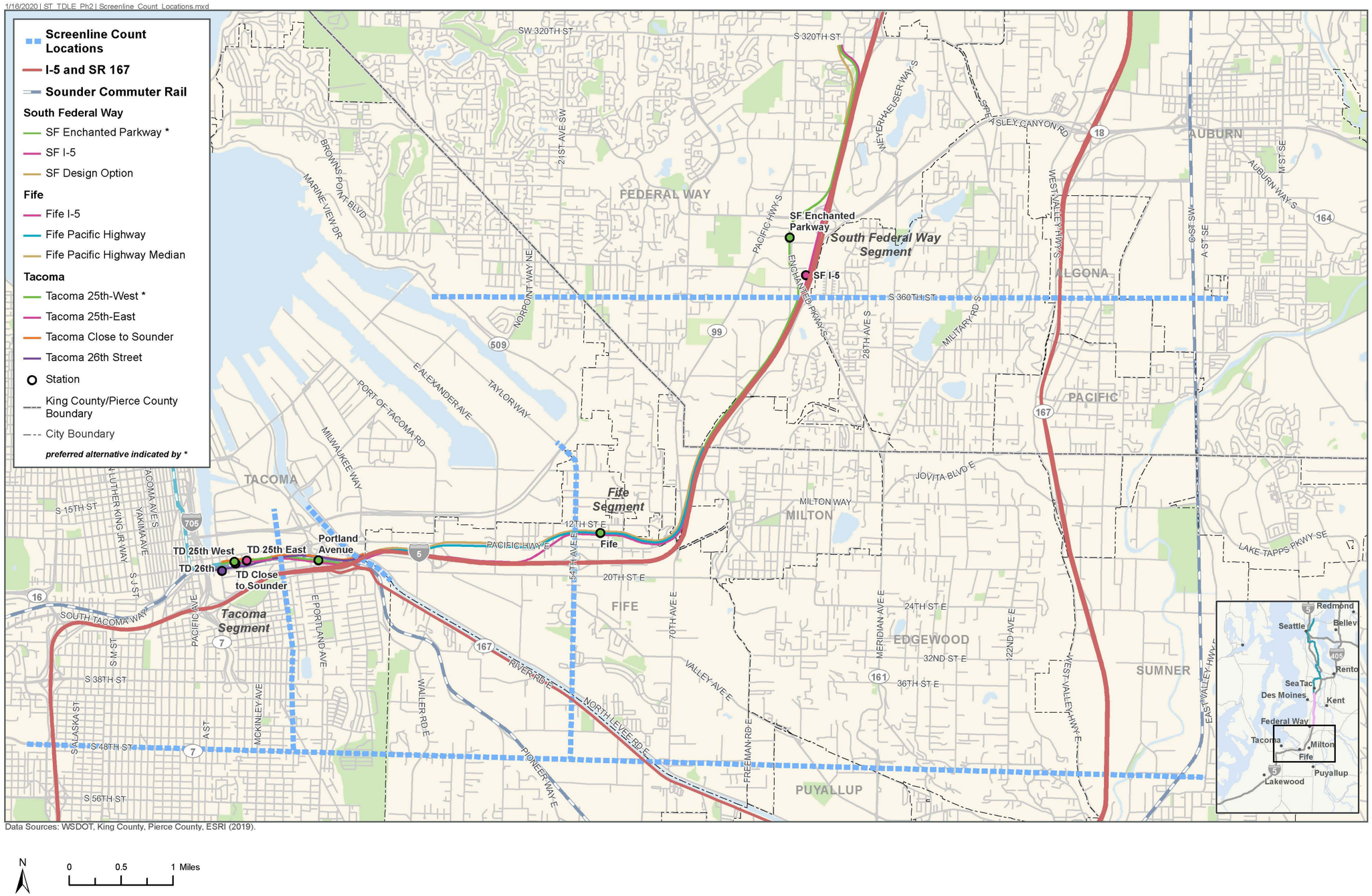

Figure A-6 Screenline Count Locations and Draft EIS Alternatives

Corridor Subarea Transit

This section describes the corridor and subarea analyses that will evaluate projected changes to transit services (light rail and bus) resulting from the project alternatives.

Evaluation Measures

The following evaluation measures will be considered to understand the corridor and subarea effects on transit service for horizon year 2042:

- Daily project ridership – Daily project ridership by project alternative. For the No-Build Alternative, corridor daily bus ridership will be estimated.
- Station area boardings – Daily and PM peak period station boardings by project alternative will be produced from the Sound Transit incremental ridership model. Each alternative will have a specific transit integration plan and parking capacity developed, along with transit travel times (light rail and bus) within the TDLE corridor and other key areas.

Evaluation Approach

As described earlier, the Sound Transit incremental ridership model will be used to produce ridership data related to the project subarea transit forecasts with the project alternatives. Ridership will be estimated for both the PM peak and daily periods.

Local Transit

The transit quality of service assessment will analyze the expected project effects on the existing and future bus and light rail services within the TDLE study area using both qualitative and quantitative information. The approach will follow the methodology and guidelines presented in the Transit Capacity and Quality of Service Manual (Transportation Research Board 2017). Transit quality of service information will be reported either at the screenlines or at station areas within the TDLE study area.

Evaluation Measures

The evaluation will document the transit service effects for existing conditions, No-Build Alternative, and project alternatives. This will include:

- Service coverage and circulation
- Walk time for transferring passengers from the Tacoma Dome Station platform to other transit facilities

Evaluation Approach

Expected changes in transit service and routing with the project alternatives will be identified and compared to the transit service and routing under no-build conditions. These changes will be developed in conjunction with King County Metro, Pierce Transit, and Sound Transit service planners as part of the project's transit integration plan. The comparison will focus on changes in coverage area and potential effects on speed and reliability (based on existing reliability information from the transit agencies, traffic operations results, and/or other traffic analysis data). Passenger load data will be provided from the Sound Transit incremental ridership model.

1.7.3.2 Construction

This analysis will evaluate the potential short-term impacts to regional, corridor, and local transit combined. Transit impacts during construction will be closely coordinated with the following sections: Regional and Corridor Traffic, Arterial and Local Street Traffic, and Nonmotorized. Construction impacts to transit will consider both the transit service and transit rider. This assessment will evaluate the potential modifications to roadway capacity and operations during construction of transit service and the ability to access transit as a result of the project construction activities. This would include construction activities that could prohibit access to transit stops or activities that would close transit stops and require riders to relocate to another transit route or stop.

1.7.4 Arterial and Local Street Traffic

1.7.4.1 Operations

Property Access and Local Circulation

This evaluation will assess local area traffic circulation impacts, including access to properties affected by the project alternatives.

Evaluation Measures

The evaluation will document any physical change to the traffic patterns and movements along with changes in property access.

Evaluation Approach

This assessment will include such factors as:

- Effect of street closures on localized traffic movement
- Loss of access (such as left turns) to and from driveways for below-grade and elevated light rail alignments
- Changes in property access

1.7.4.2 Intersection Operations

All the study subarea intersections will be evaluated for the existing (2019) and horizon year (2042) No-Build Alternative and project alternatives. The time periods that will be analyzed for each subarea study intersection are listed in Tables A-1 through A-3.

Evaluation Measures

Effects on intersection operations will be evaluated based on the horizon year 2042 peak hour intersection LOS. LOS measures the quality of traffic operations at an intersection. As described in Table A-6, LOS ratings range from “A” to “F.” LOS A represents the best operation and LOS F the poorest operation. Queue lengths will be reported at intersections that operate at or below (failing) the agency’s LOS threshold.

Table A-6 Level of Service Definitions for Signalized and Unsignalized Intersections

LOS	Average Control Delay (seconds per vehicle)		Traffic Flow Characteristics
	Signalized Intersections	Unsignalized Intersections	
A	< 10	< 10	Virtually free flow; completely unimpeded.
B	> 10 and < 20	> 10 and < 15	Stable flow with slight delays; less freedom to maneuver.
C	> 20 and < 35	> 15 and < 25	Stable flow with delays; less freedom to maneuver.
D	> 35 and < 55	> 25 and < 35	High density but stable flow.
E	> 55 and < 80	> 35 and < 50	Operating conditions at or near capacity; unstable flow.
F	> 80	> 50	Forced flow; breakdown conditions.

Source: Transportation Research Board 2016.

Agency transportation goals and LOS standards are developed as part of each agency's comprehensive planning efforts. Although agencies accept different levels of congestion, a delay-based intersection LOS analysis is typically conducted for impacts analyses and is proposed for this project. Delay is expressed in terms of average delay (in seconds) per vehicle as a result of the intersection operations.

Although intersections may be located along a state route or state facility, the intersection operations standard may be under the jurisdiction of the local municipality as opposed to WSDOT. Specific agency thresholds and relation to intersection operations will be assessed in the Transportation Discipline Report.

Evaluation Approach

Synchro/SimTraffic (version 10.0) software will be used to determine the projected 2042 peak hour LOS at the intersections identified in the study subarea. SimTraffic will be used to summarize average intersection delay and LOS, while Synchro will used to summarize average intersection v/c ratios. The signalized intersections' LOS will be defined in terms of average intersection delay. The LOS at an unsignalized intersection is also defined in terms of delay, but only for the worst operating movement, which is typically on the minor street (i.e., stop) approaches. For unsignalized intersections that are stop-controlled on each approach, the average intersection delay is reported. Vehicle queue lengths will be reported from SimTraffic for intersections adjacent to stations, intersections not meeting agency LOS standards, or intersections with direct physical project impacts, as agreed to with the relevant jurisdictions, to understand if the project alternatives extend vehicle queues beyond the storage length.

Default assumption values for the analysis will be developed for intersections where actual values are not available. These will include assumptions with respect to saturation flow rates, geometry, traffic, and signalization conditions. Table A-7 provides assumptions for existing and future year (No-Build Alternative and project alternatives) input values and assumptions.

Table A-7 Default Synchro Parameters and Assumptions

Arterial Intersection Parameter	Existing Year 2019	Horizon Year 2042
Peak Hour Factor	From count and for entire intersection; otherwise: If total entering vehicles ≥1000, 0.92. If total entering vehicles <1000, 0.90.	Use 0.95 for all intersections except where existing peak hour factor (PHF) is greater than 0.95 or less than 0.70. Use existing PHF in cases where the PHF is greater than 0.95. If existing PHF is less than 0.70, then use peak 15-minute volumes multiplied by a factor of 4.
Conflicting Cyclists and Pedestrians per Hour	From traffic count, otherwise assume 10 pedestrians/cyclists in both AM and PM periods.	For the No-Build Alternative, apply growth rate from adjacent street to existing volumes. For the project alternatives, add the number of pedestrians based on the station ridership and mode of access forecasts.
Area Type	"Other" for all areas.	Same as existing.
Ideal Saturation Flow (for all movements)	1,900 vehicles per hour.	Same as existing.
Lane Utilization	Default software assumptions unless data/engineering judgment suggests otherwise.	Same as existing.
Lane Width	Existing lane widths. Assume 11 feet if no information available.	Same as existing, unless improvements proposed; then use agency standards/plans.
Percent Heavy Vehicles	From count, otherwise 3%.	Same as existing.
Percent Grade[a]	Flat approach = 0%. Moderate grade on approach = 3%. Steep grade on approach = 6% or from field/elevation data.	Same as existing.
Parking Maneuvers per Hour	Based on parking regulations. For less than 15-minute parking, assume 4 maneuvers per hour; otherwise, assume 1 maneuver per hour, unless data/information gathered or provided from agencies suggest otherwise.	Same as existing. For new parking, assume existing assumptions for maneuvers based on parking durations.
Bus Blockages	Headway information provided by transit agencies.	Use future service assumptions developed by King County Metro, Pierce Transit, and Sound Transit as part of the Transit Service Integration Plan.

Table A-7 Default Synchro Parameters and Assumptions (continued)

Arterial Intersection Parameter	Existing Year 2019	Horizon Year 2042
Intersection Signal Phasing and Coordination	From agency signal phasing sheets or their existing analysis files.	Splits, offsets, and cycle lengths optimized between existing and no-build conditions. Signal timings kept consistent between No-Build Alternative and project alternatives, but splits and offsets optimized. For timing adjustments: Left turns, if permitted in existing, will be examined for a protected phase based on LOS, access/geometry, safety, and agency guidance. For project alternatives: Any left-turn conflict with at-grade light rail will include a separate lane and have protected phasing. Left turns will be restricted (or protected with a gate or similar treatment) at unsignalized intersections. For elevated light rail, mid-block left turns will be restricted.
Intersection Signal Timing Optimization Limits	Not applicable.	Between 60 and maximum of 180 seconds.
Minimum Green Time	Per signal timing cards.	Based on pedestrian times (minimum of 7 seconds walk time and 3.5 feet per second for flashing don't walk clearance). If no crosswalk: 10 seconds.
Yellow and All Red Time	Per signal timing cards.	New signals: Yellow = 4 seconds, and All Red = 1 second.
High-occupancy Vehicle (HOV) Lanes	Lane Utilization Method[b]	Same as existing.
Right Turn on Red	Allow (unless signed otherwise).	Same as existing.
Right Turn Overlaps	Per signal timing cards.	Identify if used.
Vehicle Queue Lengths	Based on 25 feet per vehicle.	Same as existing.

[a] Percent grade assumed for at-grade intersections only.

[b] This methodology assumes intersection lane designations will be coded exactly as shown in the field. Shared through (HOV) and right turn lanes will be coded as a general-purpose traffic lane because Synchro does not have a special method for HOV lane analysis. To account for lower HOV lane volumes, the lane utilization factors will be adjusted to reflect this condition. In instances of congested intersections with HOV lanes, adjusting the lane utilization factor may not assist in replicating the congested conditions. In this case, other Synchro parameters (such as the Saturation Flow Rates and Headway Factors) will be adjusted in the model.

1.7.4.3 Construction

The assessment of construction-related transportation impacts on local and arterial streets will focus primarily on corridors near light rail alignment or on streets that could be substantially affected by construction of any of the project alternatives. For the purposes of impact assessment on local and arterial streets, the construction phase considered to be most disruptive to traffic operations in the corridor will be the one assessed in the most detail. This phase will be identified in coordination with Sound Transit staff and staff from local jurisdictions, as appropriate.

The construction analysis on local and arterial streets will consider the following:

- Changes in roadway capacity including potential lane closures, parking restrictions, roadway modifications, areas of construction activity adjacent to travel lanes, or other reductions to capacity as a result of project construction activity.
- Identification of access and impacts from potential construction staging areas on roadway operations.
- Assessment of potential for neighborhood traffic intrusion related to road closures, and options for traffic detours.
- Estimation of construction truck traffic.

The analysis will be summarized in a tabular format to identify the following:

- Impact location(s).
- Street characteristics.
- Type of construction activity, including likely duration of impact to roadways (characterized as full or partial closures for short-term or long-term periods) on local and arterial roadways.
- Level of construction traffic (characterized as high, moderate, or low). High truck traffic is generally associated with major fill, excavation, and concrete work.
- Availability and identification of potential detour routes. Potential for detoured traffic to affect a residential neighborhood. (This is characterized as high, medium, or low and is related to both potential for road closures and options for traffic detour.)

1.7.5 Freight

1.7.5.1 Operations

Evaluation Measures

Evaluation measures will include the following:

- Truck Volumes – Change in truck volumes and/or percentages between existing and future conditions
- Truck operations – Change in congestion levels and/or travel speeds along identified freight facilities/routes
- Truck access – Physical impacts on truck routes, loading zones, or access to local businesses
- Freight rail impact – Physical impacts to freight rail corridors or port intermodal facilities

Evaluation Approach

Impacts of the project alternatives on freight movements will be qualitatively assessed. This assessment will focus on truck movement and truck routing impacts as well as the potential impact to freight rail corridors and facilities and port intermodal support facilities.

The assessment of truck issues will focus on designated major truck routes and truck service areas, access to these facilities and areas, and loss of on-street loading zones and/or modifications of truck access to local businesses.

The assessment of freight rail impacts will focus on physical changes proposed within, above, or below railroad right-of-way.

1.7.5.2 Construction

The assessment of freight impact during construction will include analysis of freight trucks and freight rail. The construction impacts will consider the impacts on freight routes, load ratings along routes, and intermodal and port terminal facilities, including access and circulation. This assessment will be coordinated with the construction impacts identified in the Arterial and Local Street Traffic section.

1.7.6 Nonmotorized Facilities and Modes

1.7.6.1 Operations

Evaluation Measures

The Nonmotorized Facilities and Modes section will evaluate pedestrian and bicycle access, circulation and facility gaps surrounding stations, barriers, Americans with Disabilities Act accessibility, and school walk route impacts. The assessment of future nonmotorized (pedestrian and bicycle) facilities will address the following issues:

- Pedestrian access and circulation in the vicinity of the proposed station in relation to the forecasted ridership.
- Identification of short-term and long-term bicycle parking near the proposed stations.
- Direct (physical) effects on pedestrian and bicycle facilities along the alignment of each alternative. This would include identifying any barriers to nonmotorized movements the project alternatives might create.
- Identification of existing physical barriers for nonmotorized (pedestrian and bicycle) movements accessing proposed stations.
- Identification of currently missing and funded new sidewalk sections for city arterials within the study subareas.
- Impacts on designated school walk routes.
- Identification of deficiencies in the existing and funded regional bicycle paths and routes within 1.0 mile of proposed station locations, and a general quantification of how major multi-use trails/paths are used (e.g., by commuters or recreational users).

Evaluation Approach

The evaluation of nonmotorized facilities and modes will be conducted through an inventory of the existing and planned future nonmotorized facilities surrounding each proposed station as identified in the evaluation measures. This will identify existing and future gaps in the nonmotorized network. In coordination with the regional travel demand and transit ridership forecasts, future estimated pedestrian and bicycle volumes will be generated for each station and assigned to the nonmotorized facilities within the station nonmotorized study subareas. This will be conducted for both the No-Build Alternative and project alternatives. This assignment of the pedestrian and bicycle forecasts will identify any physical barriers limiting access to the stations.

A quantitative pedestrian LOS analysis will be conducted for sidewalks at intersections within one block (approximately 300 feet) of each proposed station entrance (the study area may exceed one block or 300 feet from the station depending on the location of transfer points, major key intersections for pedestrian connections, or nearby pedestrian generators). The Transit Capacity and Quality of Service Manual (Transportation Research Board 2017) and HCM methodology for determining sidewalk LOS will be used for this analysis. This methodology produces a score that indicates the pedestrian's perception of the travel experience and is based on the average pedestrian space and average flow rate.

1.7.6.2 Construction

Nonmotorized construction analysis will be coordinated with the local and arterial traffic analysis considering the potential pedestrian or bicycle facility impacts on roadways or nonmotorized facilities as a result of project construction activity that could close or modify these facilities. This analysis will summarize the impact location, type of facility, and construction activity, including likely duration of impact (short-term versus long-term).

1.7.7 Safety

1.7.7.1 Operations

Potential effects of the project on safety will be assessed qualitatively, and where appropriate, quantitatively, for all modes within the study subareas, including general traffic, transit, freight, bicycle, and pedestrian modes.

Evaluation Measures

Evaluation measures will include the following:

- Intersection and roadway collision histories (type, severity, and frequency)
- Qualitative effects on general-purpose traffic, transit, freight, and nonmotorized safety

Evaluation Approach

A safety analysis will be used to assess historical collisions/crashes within the project limits in terms of type, severity, and frequency. Collision data from the latest 3 years will be compiled and summarized to identify any current safety deficiencies. Unique collision patterns (e.g., high frequency of a specific pattern) will be noted. The collision data will be collected for any directly affected study intersections and roadways.

A safety assessment of the intersection and roadway design will be conducted only where the project alternatives are proposed to be either at-grade in semi-exclusive right of way or elevated

within the road right-of-way, predicted to substantially increase volumes of one or more modes, or will result in a physical change to the roadway geometrics or channelization. Along these streets, a qualitative discussion of how the project may directly affect the existing collision type and frequency will be developed and documented.

Safety effects on general vehicle traffic and truck freight travel due to station trip activities will be qualitatively assessed based on projected changes in traffic volumes and critical queue lengths, modal conflicts, and proposed roadway design.

Safety effects on bicycle and pedestrian travel will also be qualitatively assessed based on changes in the number of conflicts with motorized modes and changes in facilities provided for their travel. This assessment will consider school walk routes and school bus zones.

1.7.7.2 Construction

Construction impacts will be qualitatively assessed to determine if the project's construction would have any impact on the safety of the transportation system. This will include assessing the safety of transit riders, arterial and local streets, nonmotorized modes (pedestrians and bicyclists), and freight travel.

1.7.8 Parking

1.7.8.1 Operations

Demand for parking will likely vary depending on location throughout the study subareas. An assessment of drop-off/pick-up activity and informal parking near station areas will be conducted through analysis of existing mode-of-access survey information and data from Sound Transit for similar station areas. This data will be used to estimate the impact of driving and/or parking for stations along the corridor.

If station park-and-ride (surface or garage) facilities are included in the project, the project will evaluate the demand for station parking for the length of the project and determine the allocation at stations based on factors to be determined for each project. While the station parking analysis will evaluate the demand compared to the proposed parking to be provided, the traffic analysis will assume that station parking facilities are full in order to analyze the worst-case condition.

Evaluation Measures

Analysis of the impacts of the project on existing on-street and off-street public parking will consider roads where permanent facilities would be located in the right-of-way and roadways around stations. The analysis will consider the loss of existing public on-street and off-street parking supply and the potential for hide-and-ride parking.

Evaluation Approach

The evaluation of parking impacts will include an inventory of parking supply, types of restrictions, and utilization in locations where parking is anticipated to be affected by the project. This information will be compared to the changes the project alternatives would make in the parking supply and the potential for hide and ride parking. Field data related to station access via auto modes will be used to assess the impact these modes will have in and around station areas along the alignment.

Along the alignment, the assessment of parking loss will be based on review of the inventory of parking supply and demand coupled with an evaluation of the conceptual drawings for each project alternative. Comparison between existing demand and the supply remaining after construction of each project alternative will form the basis for identifying parking loss associated with each alternative. This comparison will also consider that loss in relation to parking utilization and will facilitate the identification of possible mitigation strategies. The potential loss of existing parking spaces will be presented by both location and type. Off-street parking lots will be considered in the analysis as additional supply for the loss of on-street parking. In station areas, the potential for hide-and-ride parking will be based on ridership forecasts, parking restrictions, and potential walkshed to available parking.

1.7.8.2 Construction

The assessment of construction-related parking impacts will consider the following:

- Changes in roadway parking restrictions
- Impacts to on- and off-street public parking supply
- Additionally, there may be some temporary loss of off-street parking as a result of the location and operation of construction staging, as well as construction worker parking

1.7.9 Navigation

A Navigation Impact Report will be prepared for the Puyallup River crossing, and the findings will be summarized in the Transportation Technical Report. The Navigation Impact Report will be based on information from agency and tribal coordination (including the Puyallup Tribe Fisheries Department), waterway user interviews and surveys, historical navigation patterns, and additional economic or freight cargo research if needed. The report will document existing and future navigational needs as well as potential impacts to navigation from each project alternative.

If needed, an Obstruction Evaluation/Airport Airspace Analysis will be developed per Federal Aviation Administration requirements.

The assessment of potential impacts will include direct long-term impacts during operations as well as impacts during construction on marine transportation and navigation.

1.7.10 Indirect Effects

Indirect impacts are potential effects related to the project but not part of it, and that may occur separated by distance or time but are still reasonably foreseeable. Typical indirect transportation effects are those associated with changes in land use development over time. The land use changes are described in the Land Use EIS section, and the associated potential impacts to transportation will be discussed qualitatively.

1.7.11 Cumulative Effects

The cumulative impacts analysis will consider impacts on transportation from other past, present, and reasonably foreseeable future actions, including other transportation or infrastructure projects, and other land use actions or developments in the study area. The discussion of cumulative impacts will be developed in coordination with the Federal Way Link Extension project, which is assumed to be part of the No-Build Alternative, and the Operations and Maintenance

Facility South project, which is a reasonably foreseeable future project. Other projects that are reasonably foreseeable and will be considered in the cumulative impacts analysis are the SR 167 Completion project and the Federal Way City Center Access project. An appendix to the EIS will include a table and map summarizing reasonably foreseeable future actions.

A qualitative assessment will address additional cumulative transportation effects for specific reasonably foreseeable future plans or proposals that have not completed environmental review, or are not fully funded for construction (and therefore are not directly accounted for in the modeling), but could foreseeably be built by the horizon year. These may include, but are not limited to, consideration of effects from actions such as the following:

- Highway/lane management, such as from the implementation of tolls on state and/or local facilities, that could further alter travel behavior in the corridor.
- Construction activities from other transportation projects that could affect or be influenced by the project construction activities.
- Local developments and public infrastructure projects that could contribute to cumulative traffic delays on local arterial streets over the construction period.

1.8 Mitigation Measures

Potential impacts to transportation will be controlled through project planning, design, and the application of required best management practices (BMPs) during construction and operation. Measures to avoid and minimize potential impacts of the alternatives will be incorporated as appropriate. Where impacts cannot be avoided or minimized, mitigation measures will be developed.

The development of potential mitigation measures will be coordinated with the relevant federal, state, and local agencies and jurisdictions to identify strategies that may already be under consideration but could benefit the project.

1.8.1 Regional

Mitigation would be determined if any impacts to the measures evaluated within the Regional and Corridor Traffic section during operations or construction were identified.

1.8.2 Transit

Mitigation would be determined if any impacts to the measures evaluated within the Transit section during operations or construction were identified, including regional and subarea transit impacts.

1.8.3 Local Streets and Arterials

Mitigation to property access and local circulation will be developed to address impacts to the roadway system and/or individual properties caused by the project. This could include project impacts that create substantial out-of-direction travel or would substantially limit access to areas or properties through road closures or direct barriers the project creates. Local circulation mitigation could also be determined if the project shifts traffic and causes intersections to operate with a worse LOS based on the LOS standards established in this section.

For intersection operations, if the intersection LOS is equal to or better than the jurisdictional agency's LOS standard with the project alternatives, then that intersection is considered to meet the jurisdictional agency's standard and does not require mitigation. In situations where the intersection already operates worse than the jurisdictional agency's LOS standard (e.g., LOS F) in the No-Build Alternative, then mitigation is only required if the overall intersection delay and/or LOS noticeably degrades (greater than a 10 percent increase in the delay) with the project alternatives. In these situations, the project is only obligated to bring the operating condition back to the overall intersection delay levels in the no-build condition. Additionally, depending on the agreement with the relevant jurisdictions, potential mitigation may be needed if the project extends queue lengths further than those in the No-Build Alternative and beyond the storage provided. Potential mitigation might include operational changes to signal phasing and physical modification such as restriping, extending, or adding turn lanes.

Mitigation measures, if necessary, will be developed to address construction impacts on the local and arterial roadway system with respect to property access and circulation, and arterial and local roadway operations.

1.8.4 Freight

Potential improvements will be identified to mitigate potential direct (long-term and construction) impacts from the project alternatives on freight. This will consider degradation of freight operations access and circulation impacts along affected roadways, rail, and intermodal facilities.

1.8.5 Nonmotorized

Potential improvements will be identified to mitigate potential direct (long-term and construction) impacts from the project alternatives on the nonmotorized system. This will consider degradation of pedestrian and bicycle conditions surrounding station areas, and any identified direct impacts to the pedestrian and bicycle facilities.

1.8.6 Safety

Potential improvements will be identified to mitigate potential direct (long-term and construction) impacts from the project alternatives on the safety of the transportation system. This will consider degradation of safety to transit riders, arterial and local streets, nonmotorized modes (pedestrians and bicyclists), and freight travel.

1.8.7 Parking

Areas for potential parking mitigation will be identified by considering the potential for hide-and-ride parking activity in neighborhoods surrounding the stations. Areas with a high potential for hide-and-ride activity will be identified with potential mitigation strategies to reduce the likelihood of this activity. Mitigation for the loss of existing public on-street and off-street parking supply and parking impacts during construction will also be described as appropriate.

1.8.8 Navigation

Any mitigation measures necessary to address impacts to navigation during operation or construction will be identified.

1.9 Proposed Figures, Maps, or Other Data

Potential figures include:

- Study subareas
- Screenlines
- Freight routes and facilities
- Study intersection volumes
- Intersection LOS
- Walksheds and bikesheds
- Existing and future nonmotorized facilities

Potential tables and graphs include:

- Roadway v/c ratio
- Station mode of access
- Station ridership

1.10 Documentation

For the TDLE EIS, the transportation discipline will develop the following documentation:

- EIS chapter
- Transportation Technical Report

1.11 Data Developed for Use by Other Disciplines

Specific types of transportation data will also be developed for use in analyzing project impacts on other environmental resources.

Air Quality Analysis Data

To support the air quality impact analysis, the following types of data will be produced:

- Daily VMT estimates by speeds for four areas: the three TDLE study subareas and the regional system. These estimates will be provided in a tabular format for greenhouse gas analyses.

The above information will be provided for existing conditions (2019) and the horizon year (2042).

Noise Analysis Data

To support the noise impact analysis, the following types of data will be produced:

- Existing (2019) and horizon year (2042) PM peak hour Synchro model files and general system-wide vehicle classification information (i.e., heavy vehicle percentage).

Energy Analysis Data

To determine operational energy impacts, the following types of data for year 2042 will be produced:

- Daily regional VMT and VHT
- Daily light rail transit VMT

Economics Analysis Data

To support the economics analysis, the following information will be provided:

- Changes in access
- Parking impacts
- Construction detour routes
- Long term effects on general and freight mobility
- Temporary construction impacts to freight routes or loading zones

Environmental Justice and Social Resources, Community Facilities, and Neighborhoods Analysis Data

To support the environmental justice and social resources, community facilities, and neighborhoods analysis, a variety of data will be produced, including the following:

- Estimated travelsheds as determined by using the travel demand model to identify transportation analysis zones relevant to the environmental justice and social resources, community facilities, and neighborhoods analysis.
- Estimated travel times to selected destinations (e.g., Seattle-Tacoma International Airport; Seattle central business district; Tacoma central business district; Tacoma's "Medical Mile"; and University of Washington campuses in Seattle, Tacoma, Olympia, Federal Way, Kent, and Bellevue) for use in the analysis of access to employment centers, educational institutions, and medical services for environmental justice populations.
- Analysis of temporary or permanent impacts on Americans with Disabilities Act parking or designated parking at social services, as well as percentage of parking spaces temporarily or permanently lost in designated commercial shopping districts.
- Change in LOS or V/C ratios on corridor roadways and potential mitigation.

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ATTACHMENT B

Traffic Operations

South Federal Way Segment

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5
Total Del/Veh (s)	36.2	34.8	33.8	37.0	35.7	35.0	34.7	34.6	33.4	35.4	35.1

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	16.1	13.5	14.0	17.5	14.7	11.8	14.1	13.5	14.2	16.7	14.6

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	31.6	31.1	30.4	32.6	32.2	31.6	31.3	31.4	30.6	30.8	31.4

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	46.2	39.0	40.4	48.6	44.2	37.1	41.5	34.4	36.6	34.5	40.3

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	6.1	6.2	6.3	6.4	6.7	6.2	6.6	6.6	5.8	5.7	6.3

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.2	7.6	7.9	8.7	7.9	8.9	8.3	8.8	8.3	8.9	8.4

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.5	0.6	0.6	0.5	0.6	0.8	0.5	1.3	0.6	0.7
Total Del/Veh (s)	17.3	16.6	18.7	16.9	16.8	17.6	18.3	15.9	19.7	17.0	17.5

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	26.7	31.3	27.8	28.7	31.1	27.6	28.7	29.4	27.6	29.9	28.9

5251: Enchanted Pkwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	1.3	1.6	0.0	0.3	0.0	0.0	0.1	0.3
Total Del/Veh (s)	38.4	49.7	51.2	59.5	72.8	45.1	76.4	65.5	46.8	66.0	57.1

5451: Enchanted Pkwy S & SR18 - SR 161 Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	4.8	0.0	0.0	0.0	0.5
Total Del/Veh (s)	9.0	10.2	10.7	15.6	25.8	8.9	63.4	15.6	9.6	12.0	18.2

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	20.2	20.3	21.7	18.4	20.1	22.1	36.3	20.9	21.8	21.5	22.4

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	0.8	0.9	0.9	1.6	1.8	0.9	2.9
Total Del/Veh (s)	340.8	339.4	348.7	401.1	396.9	333.3	444.3

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	0.8	1.2	0.9	1.3
Total Del/Veh (s)	354.7	326.9	355.0	365.1

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Total Del/Veh (s)	47.1	50.3	47.0	42.6	42.7	49.0	47.2	45.6	42.6	45.3	46.0

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.2	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
Total Del/Veh (s)	24.2	23.6	21.6	22.1	23.0	23.4	24.8	20.2	22.5	22.4	22.8

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Total Del/Veh (s)	43.4	47.4	52.3	45.3	45.5	46.7	43.6	44.2	45.1	48.0	46.1

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	93.0	5.5	48.3	36.2	18.4	97.4	13.8	35.3	32.3	55.5	43.5
Total Del/Veh (s)	84.0	63.5	66.2	65.7	64.9	65.2	58.6	66.9	61.2	78.4	67.4

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	14.7	13.4	14.8	14.9	14.4	14.7	15.1	16.1	14.8	14.5	14.7

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	15.1	15.4	15.5	17.0	16.6	16.1	15.3	16.7	14.5	13.6	15.6

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	14.9	0.5	0.5	0.6	0.5	0.5	1.8	3.8	0.5	6.0	2.9
Total Del/Veh (s)	82.7	21.5	23.0	23.5	21.9	21.3	24.3	29.1	24.1	48.1	31.8

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	4.3	0.8	0.1	0.5	0.2	2.9	0.1	0.0	0.2	0.1	0.9
Total Del/Veh (s)	40.9	39.1	44.2	37.0	37.8	45.1	36.7	40.5	42.8	36.6	40.1

5251: Enchanted Pkwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	6.2	10.8	0.0	0.1	0.1	0.1	0.2	0.1	0.2	1.8
Total Del/Veh (s)	53.3	64.3	65.5	39.6	54.0	49.0	61.8	60.5	34.2	61.5	54.4

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	26.5	26.7	34.6	23.6	25.4	24.8	26.2	26.5	23.6	38.4	27.6

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	24.4	26.0	25.5	23.6	26.1	23.7	24.0	22.8	25.1	20.0	24.1

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	62.6	6.4	32.8	22.6	11.9	60.8	9.6
Total Del/Veh (s)	918.3	839.4	823.6	775.4	782.1	792.0	778.5

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	23.1	20.6	35.6	28.6
Total Del/Veh (s)	813.6	772.3	814.3	812.8

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6
Total Del/Veh (s)	36.5	37.9	35.9	39.1	38.2	36.0	38.8	35.7	36.9	36.9	37.2

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	19.1	20.1	19.6	20.4	21.9	22.0	22.2	20.9	20.1	18.9	20.5

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	30.8	29.4	29.8	31.3	30.4	29.2	30.2	30.9	30.4	31.9	30.4

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	40.0	37.3	47.1	41.9	38.9	39.2	38.6	38.9	41.1	42.7	40.6

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	12.7	13.0	12.9	12.8	13.3	12.9	13.4	12.5	13.1	12.8	12.9

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.2	9.6	8.4	9.8	9.0	9.4	8.7	9.6	9.5	9.0	9.2

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	27.8	30.7	40.0	32.4	30.1	25.1	32.8	30.3	31.1	30.8	31.2

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	32.0	31.8	30.5	30.6	33.2	31.3	31.1	31.1	32.4	30.8	31.5

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	14.3	15.2	15.2	16.5	16.0	16.6	16.4	16.2	15.0	15.5	15.7

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
Total Del/Veh (s)	25.3	23.8	25.1	26.7	22.8	24.0	23.2	24.0	22.8	24.1	24.2

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	0.8	0.8	0.9	0.8	0.8	0.8	0.8
Total Del/Veh (s)	622.2	646.8	685.7	656.3	612.0	596.7	642.6

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	0.8	0.8	0.8	0.8
Total Del/Veh (s)	627.5	646.0	656.3	640.0

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	16.0	5.3	1.2	3.0	1.1	0.6	0.6	26.1	1.3	5.6
Total Del/Veh (s)	66.7	93.4	87.8	83.3	88.4	83.1	59.1	67.9	95.7	101.9	82.9

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.4	0.3	0.4
Total Del/Veh (s)	23.4	24.2	23.4	23.1	23.3	26.2	24.9	25.0	23.8	24.6	24.2

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.2
Total Del/Veh (s)	43.4	49.2	46.1	46.5	47.2	44.0	47.2	46.0	50.0	45.8	46.6

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	35.5	37.4	38.5	37.0	37.6	37.2	37.6	37.1	37.4	37.5	37.3

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	22.9	23.9	21.9	22.5	23.4	23.3	21.2	22.4	23.0	24.2	22.9

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	18.8	19.3	18.9	17.5	17.6	14.7	17.9	16.7	16.0	17.7	17.5

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	5.2	0.4	3.7	0.4	4.8	0.5	0.4	0.4	9.4	0.5	2.6
Total Del/Veh (s)	32.2	26.4	38.6	25.8	38.1	25.1	25.2	24.3	46.6	24.3	30.7

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	95.6	78.1	96.5	67.0	94.0	79.0	105.5	82.3	86.2	80.2	86.6

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1
Total Del/Veh (s)	30.9	36.9	34.2	31.9	40.8	32.3	33.8	30.4	29.8	33.0	33.5

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	24.1	29.5	26.8	22.7	27.2	22.7	27.3	25.0	24.0	26.1	25.5

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	2.6	8.1	4.3	1.2	3.6	1.1	0.9
Total Del/Veh (s)	702.4	781.4	766.8	684.4	808.5	690.7	689.5

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	0.9	15.6	1.2	4.0
Total Del/Veh (s)	682.8	780.6	735.0	732.9

3: S 352 St & East Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	1.8	2.2	1.9	2.0	1.8	1.8	1.8	2.2	2.0	1.9

8: S 352 St & West Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	1.3	1.6	1.6	1.5	1.5	1.6	2.0	1.7	1.8	1.9	1.7

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5
Total Del/Veh (s)	36.4	36.0	38.2	37.5	37.1	36.9	36.1	37.4	35.4	37.4	36.9

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	21.1	20.5	22.0	18.8	21.0	20.4	21.3	20.7	18.9	21.7	20.7

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Total Del/Veh (s)	36.9	34.1	34.7	32.9	35.2	35.0	35.9	31.8	34.5	35.4	34.7

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1
Total Del/Veh (s)	45.1	43.4	41.6	39.7	45.0	47.5	41.7	41.9	47.1	41.5	43.5

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1
Total Del/Veh (s)	14.1	14.4	12.1	14.8	16.8	13.3	14.3	14.2	13.8	13.7	14.2

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	24.2	19.4	17.2	18.3	22.5	20.1	18.5	19.2	20.6	22.3	20.3

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	32.4	28.7	32.9	29.0	29.4	32.9	27.4	26.9	33.3	31.7	30.5

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	32.1	31.9	30.1	30.7	32.3	30.9	32.2	32.8	32.3	34.5	32.0

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	14.0	15.0	16.6	15.7	14.7	15.9	15.9	14.6	14.9	14.9	15.2

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5
Total Del/Veh (s)	25.9	22.7	25.4	23.6	23.0	26.1	24.6	25.5	25.0	25.4	24.7

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	0.9	0.9	0.9	0.8	0.8	0.9	0.9
Total Del/Veh (s)	695.5	669.7	657.0	631.4	674.6	661.6	650.3

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	1.0	1.0	0.9	0.9
Total Del/Veh (s)	620.4	730.2	698.2	671.9

1: S 352 St & East Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.7	2.9	2.3	2.6	2.5	2.5	2.9	2.1	2.4	2.7	2.6

8: S 352 St & West Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Total Del/Veh (s)	3.0	2.9	3.1	2.9	2.5	2.0	2.7	2.6	2.5	3.4	2.8

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.6	0.6	5.9	29.3	1.8	16.7	4.0	0.6	6.1
Total Del/Veh (s)	62.4	76.7	81.9	52.7	104.6	96.9	89.4	98.0	85.9	71.3	82.1

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.7	0.4	0.3	0.4	0.3	0.4	0.3	0.4	0.4
Total Del/Veh (s)	23.3	26.4	23.7	23.5	22.9	21.2	25.0	27.2	23.4	23.8	24.1

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	50.0	55.1	51.0	50.5	47.4	46.7	48.4	47.6	50.1	50.4	49.7

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	39.4	39.8	38.6	37.0	38.3	37.1	41.0	39.2	38.3	37.3	38.6

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	22.6	24.3	21.3	22.4	22.4	21.9	23.5	24.1	25.3	22.8	23.1

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	24.6	29.8	28.0	24.8	24.6	27.4	24.5	25.8	24.6	36.5	27.1

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.7	0.5	0.5	0.4	0.8	0.5	0.5	2.7	0.5	0.7
Total Del/Veh (s)	25.2	30.0	24.3	27.1	26.8	26.1	26.3	26.8	28.3	26.3	26.7

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	8.2	0.0	0.2	0.0	0.1	4.3	0.6	3.9	0.0	0.6	1.8
Total Del/Veh (s)	99.7	97.1	109.9	102.7	101.1	104.2	99.0	86.1	95.1	110.4	100.6

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2
Total Del/Veh (s)	36.5	46.6	33.3	33.0	34.7	31.5	37.5	33.9	33.2	39.5	36.0

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	25.2	28.1	28.4	26.2	23.9	23.7	27.3	33.1	24.3	25.9	26.6

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	4.2	1.0	1.1	0.9	3.3	15.7	1.6
Total Del/Veh (s)	735.4	783.1	771.5	727.4	774.1	752.0	743.8

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	9.5	3.2	1.2	4.1
Total Del/Veh (s)	752.3	759.9	790.3	760.7

1: Enchanted Pkwy S & Station Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.4	3.4	3.4	3.4	3.3	3.1	3.7	3.0	3.4	3.1	3.3

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5
Total Del/Veh (s)	37.8	37.2	36.8	38.3	36.6	37.1	38.5	39.1	37.7	38.4	37.7

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	23.0	21.3	21.4	21.2	22.1	22.7	21.7	21.3	22.6	21.3	21.9

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	32.7	33.1	31.2	32.1	32.6	33.3	33.0	33.4	32.8	32.5	32.7

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.1
Total Del/Veh (s)	40.5	44.4	42.9	43.2	43.5	43.9	48.2	41.6	43.2	44.5	43.6

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Total Del/Veh (s)	13.9	14.6	14.2	15.3	15.7	12.9	13.4	13.7	13.9	13.7	14.1

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.5	9.6	9.6	9.6	9.9	9.3	9.0	9.8	9.3	9.1	9.5

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	3.1	0.3	0.3	0.3	0.6
Total Del/Veh (s)	28.2	28.5	30.1	28.8	31.2	31.1	51.9	28.8	30.3	29.3	31.9

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.2	0.5	0.5	0.4	0.4	0.3	0.4	0.8	0.2	0.4
Total Del/Veh (s)	30.3	31.7	30.3	34.3	31.3	30.8	31.6	32.1	31.7	30.7	31.5

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	16.5	16.8	17.0	18.1	17.6	18.2	19.2	17.3	18.3	16.5	17.5

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5
Total Del/Veh (s)	25.1	24.9	26.6	26.0	26.1	25.8	24.5	24.6	24.2	26.2	25.4

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	1.1	1.0	1.0	1.1	1.0	1.1	2.3
Total Del/Veh (s)	612.5	603.8	615.4	603.4	623.8	623.1	678.0

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	1.0	1.2	1.0	1.2
Total Del/Veh (s)	613.2	627.0	640.8	624.9

1: S 352 St & East Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.7	2.9	2.3	2.6	2.5	2.5	2.9	2.1	2.4	2.7	2.6

8: S 352 St & West Dwy Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Total Del/Veh (s)	3.0	2.9	3.1	2.9	2.5	2.0	2.7	2.6	2.5	3.4	2.8

4050: Pacific Hwy S & S 336 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.6	0.6	5.9	29.3	1.8	16.7	4.0	0.6	6.1
Total Del/Veh (s)	62.4	76.7	81.9	52.7	104.6	96.9	89.4	98.0	85.9	71.3	82.1

4250: Pacific Hwy S & S 340 Pl/16 Av S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.7	0.4	0.3	0.4	0.3	0.4	0.3	0.4	0.4
Total Del/Veh (s)	23.3	26.4	23.7	23.5	22.9	21.2	25.0	27.2	23.4	23.8	24.1

4848: Pacific Hwy S & S 348 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	50.0	55.1	51.0	50.5	47.4	46.7	48.4	47.6	50.1	50.4	49.7

4850: Enchanted Pkwy S/16 Av S & S 348 St/SR 18 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	39.4	39.8	38.6	37.0	38.3	37.1	41.0	39.2	38.3	37.3	38.6

4851: SR 18 & I-5 SB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	22.6	24.3	21.3	22.4	22.4	21.9	23.5	24.1	25.3	22.8	23.1

5047: Pacific Hwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	24.6	29.8	28.0	24.8	24.6	27.4	24.5	25.8	24.6	36.5	27.1

5050: Enchanted Pkwy S & S 352 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.7	0.5	0.5	0.4	0.8	0.5	0.5	2.7	0.5	0.7
Total Del/Veh (s)	25.2	30.0	24.3	27.1	26.8	26.1	26.3	26.8	28.3	26.3	26.7

5246: Pacific Hwy S & S 356 St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	8.2	0.0	0.2	0.0	0.1	4.3	0.6	3.9	0.0	0.6	1.8
Total Del/Veh (s)	99.7	97.1	109.9	102.7	101.1	104.2	99.0	86.1	95.1	110.4	100.6

5451: Enchanted Pkwy S & SR18 WB Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2
Total Del/Veh (s)	36.5	46.6	33.3	33.0	34.7	31.5	37.5	33.9	33.2	39.5	36.0

5652: Enchanted Pkwy S & Milton Rd S Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	25.2	28.1	28.4	26.2	23.9	23.7	27.3	33.1	24.3	25.9	26.6

Total Zone Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	4.2	1.0	1.1	0.9	3.3	15.7	1.6
Total Del/Veh (s)	735.4	783.1	771.5	727.4	774.1	752.0	743.8

Total Zone Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	9.5	3.2	1.2	4.1
Total Del/Veh (s)	752.3	759.9	790.3	760.7

Fife Segment

11: 54th Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.3
Total Del/Veh (s)	12.0	10.0	11.9	12.5	10.8	10.8	10.8	12.0	12.6	12.7	11.6

12: 54th Ave E & Pacific HWY/Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.3	0.2	0.3	0.6	0.2	0.4	0.3	0.2	0.3
Total Del/Veh (s)	38.2	39.3	38.2	37.6	38.4	39.0	39.7	38.2	37.2	39.6	38.5

13: I-5 SB On & 54th Ave E & I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	60.7	52.5	61.0	58.8	59.5	64.4	59.7	60.9	59.8	62.7	60.0

14: 54th Ave E & I-5 NB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	5.5	6.9	5.0	5.2	6.5	4.6	5.7	7.3	4.6	6.1	5.7

15: 54th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	1.0	0.5	0.5	0.8	0.5	0.9	0.5	0.5	0.8	0.6
Total Del/Veh (s)	46.5	43.6	41.4	44.6	57.0	41.9	51.8	40.3	41.2	53.9	46.2

17: 51st Ave E & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	6.1	5.4	6.0	6.0	5.7	5.1	5.7	5.0	6.2	5.7	5.7

18: 51st Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.1	2.2	2.3	2.2	2.6	2.0	1.9	2.1	1.9	2.0	2.1

19: 59th Ave CT E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	7.1	7.6	6.8	7.2	7.5	7.1	7.8	7.7	6.8	7.2	7.3

21: Pacific HWY (SR 99) & 62nd Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.0	2.0	1.7	2.2	2.0	1.6	2.1	1.9	2.0	1.8	1.9

38: 52nd Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	10.3	9.6	10.0	10.2	9.0	8.8	9.4	7.9	9.6	9.7	9.5

44: Willows Rd E & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	5.9	4.5	5.1	5.4	5.3	5.0	4.6	4.8	4.7	4.9	5.0

47: 54th Ave E & 8th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.5	2.3	2.4	2.5	2.4	2.6	2.1	3.0	2.5	1.8	2.4

50: Pacific HWY & 46th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	1.2	1.0	1.2	1.1	1.0	0.8	0.9	0.9	0.9	1.0	1.0

53: 62nd Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5
Total Del/Veh (s)	2.9	2.6	2.9	3.1	2.7	3.1	3.2	2.7	2.9	3.2	2.9

56: 58th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	3.1	2.5	2.7	3.1	2.7	3.1	3.9	2.5	2.0	2.3	2.8

60: Frank Albert Rd E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.4	0.4	0.4	0.4
Total Del/Veh (s)	4.7	4.8	4.7	4.7	4.5	4.5	4.5	4.1	4.3	4.0	4.5

90: Frank Albert Rd E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1

168: I-5 NB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	39.3	12.7	41.8	48.2	55.0	50.9	41.9
Total Del/Veh (s)	77.2	69.6	75.8	76.5	80.9	75.4	79.4

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	60.1	37.8	48.7	43.6
Total Del/Veh (s)	76.4	74.2	81.5	76.7

3: Port of Tacoma Rd & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	16.1	11.2	9.5	2.2	12.8	40.0	7.1	2.1	52.2	3.2	15.9
Total Del/Veh (s)	211.8	242.4	200.4	187.0	217.5	179.0	205.2	189.0	170.9	173.4	197.4

4: Pacific HWY & 34th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.7	17.7	3.6	3.9	10.2	3.7	4.7	4.0	4.0	3.7	5.9

8: Alexander Ave E & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
Total Del/Veh (s)	10.7	11.5	11.5	12.7	12.4	12.8	11.7	11.5	11.4	10.9	11.7

11: 54th Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.7	0.7
Total Del/Veh (s)	16.7	14.8	14.8	15.0	17.0	15.6	16.7	17.3	14.8	17.2	16.0

12: 54th Ave E & Pacific Hwy E/Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.7	2.8	0.6	0.6	1.7	0.8	0.6	1.3	2.1	1.1
Total Del/Veh (s)	114.1	115.6	113.4	112.8	114.3	115.2	108.8	108.6	115.3	116.4	113.4

13: I-5 SB On & 54th Ave E & I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	13.7	14.8	22.6	14.1	12.7	11.8	14.3	14.1	14.7	13.8	14.7

14: 54th Ave E & I-5 NB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	31.1	11.9	19.8	41.4	28.5	10.4	47.2	73.0	7.3	42.9	31.5
Total Del/Veh (s)	45.1	39.5	43.6	38.0	38.6	37.6	43.1	56.7	38.0	42.1	42.3

15: 54th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	41.5	40.8	39.7	40.8	41.5	40.6	42.3	42.4	42.4	42.8	41.5

17: 51st Ave E & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	8.9	7.9	8.2	8.4	8.5	7.8	9.0	8.3	8.6	9.2	8.5

18: 51st Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.5	0.4
Total Del/Veh (s)	2.5	2.6	2.2	2.3	2.3	2.4	2.4	2.6	2.3	2.6	2.4

19: Pacific HWY (SR 99) & 59th Ave CT E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	57.9	46.8	16.9	11.9	5.3	53.3	60.7	5.8	13.3	9.0	28.1
Total Del/Veh (s)	109.6	102.3	93.5	87.5	87.7	110.7	102.4	83.4	103.4	105.7	98.5

21: Pacific HWY (SR 99) & 62nd Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	37.4	26.1	21.1	16.3	14.9	37.3	23.0	6.6	19.2	20.8	22.1
Total Del/Veh (s)	177.6	140.4	135.0	119.1	145.4	157.0	143.1	104.1	143.0	169.7	143.1

23: 70th Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	74.7	56.2	27.4	18.2	28.0	97.5	56.3	23.0	28.2	113.8	52.7
Total Del/Veh (s)	73.4	65.3	46.8	46.0	59.6	71.9	64.8	51.7	65.1	86.1	62.9

30: 54th Ave E & 23rd St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3
Total Del/Veh (s)	4.0	4.5	3.9	5.0	4.6	3.7	4.7	5.7	4.3	4.4	4.5

34: Pacific HWY & 46th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.7	3.6	4.7	3.8	4.0	4.4	4.1	3.8	3.7	2.8	3.8

35: Port of Tacoma Rd & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	13.6	30.4	20.8	27.7	22.4	17.6	29.3	20.9	24.8	17.2	22.4

37: 52nd Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	9.3	9.8	9.4	10.0	9.9	9.2	10.2	9.4	8.9	8.8	9.5

39: Port of Tacoma Rd & I-5 SB On/I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	11.1	19.3	16.1	23.8	25.4	3.7	27.7	24.7	21.5	13.7	18.5
Total Del/Veh (s)	72.5	83.6	79.0	82.5	83.2	62.3	86.7	84.7	84.1	69.5	78.6

60: Port of Tacoma Rd & I-5 NB Off/I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.7	0.5	2.5	0.6	0.3	0.4	0.3	1.2	0.8	0.8
Total Del/Veh (s)	24.5	34.3	30.6	34.4	31.4	23.5	36.1	26.0	31.8	26.4	29.8

65: Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.6	3.5	4.0	3.9	4.5	4.3	4.6	4.9	4.7	4.3	4.3

67: Pacific HWY & 44th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	3.6	0.1	0.1	0.0	0.1	1.5	1.6	0.1	0.4	1.0	0.8
Total Del/Veh (s)	8.7	5.2	5.6	4.2	5.3	6.8	9.5	6.3	8.8	6.6	6.7

68: Willows Rd E & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	9.2	9.5	9.8	9.5	10.4	9.2	10.3	9.0	9.7	9.1	9.6

78: 40th Ave Ct E & Pacific HWY Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.1	2.2	2.3	2.5	2.6	2.3	2.5	2.7	2.8	2.5	2.5

89: 58th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.4	4.1	5.0	4.5	4.5	3.2	3.6	4.8	3.6	3.9	4.2

101: 62nd Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.8	0.8	0.9	0.8	0.8	0.8	0.7	0.8	0.8	0.7	0.8
Total Del/Veh (s)	4.2	4.5	4.9	3.9	4.5	4.2	4.3	5.8	4.1	3.7	4.4

105: I-5 SB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	120.3	74.2	116.2	104.1	115.0	80.7	103.1	107.8	97.2	57.6	97.6
Total Del/Veh (s)	102.9	99.7	109.3	106.9	110.1	102.3	109.1	106.2	112.0	102.6	106.2

168: I-5 NB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	53.2	64.4	41.2	43.4	49.0	55.8	78.3
Total Del/Veh (s)	203.4	202.9	186.4	176.0	189.2	187.5	198.2

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	38.5	55.4	51.4	53.1
Total Del/Veh (s)	176.2	190.2	196.3	190.9

1: Port of Tacoma Rd & N Frontage Rd/SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	9.7	9.5	9.6	9.5	9.1	9.2	8.8	10.0	9.5	9.2	9.4

2: Port of Tacoma Rd & NB SR 509 on/off/12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Total Del/Veh (s)	11.4	10.6	10.6	11.8	10.5	10.9	9.9	11.6	10.5	10.3	10.8

3: Port of Tacoma Rd & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	18.5	18.0	18.2	18.2	18.6	18.3	18.3	17.9	18.3	17.8	18.2

4: 34th Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.1	8.0	8.4	8.6	7.7	8.3	8.3	8.3	8.4	8.4	8.2

5: Alexander Ave E & SR 509/SR 509 WB Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	195.4	123.3	195.9	94.5	148.8	94.5	112.9	183.0	101.4	169.6	142.4
Total Del/Veh (s)	206.1	198.3	204.4	193.3	202.6	194.8	199.3	206.9	191.7	204.2	200.1

6: Alexander Ave E & SR 509 EB/SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	8.4	17.5	4.8	6.9	9.0	5.0	6.2	5.6	9.6	15.1	8.8
Total Del/Veh (s)	53.2	77.5	36.6	62.4	41.7	38.3	54.1	48.0	38.4	70.1	52.2

7: Alexander Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	36.4	0.1	0.4	0.1	0.1	0.1	0.1	0.1	3.9	4.2
Total Del/Veh (s)	52.8	81.8	33.1	54.3	28.1	7.3	31.8	36.5	60.7	67.2	45.5

8: Alexander Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	11.8	11.4	12.3	10.9	11.2	12.1	11.7	11.6	10.6	12.6	11.6

9: Taylor Way & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.7	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5
Total Del/Veh (s)	35.8	44.3	32.7	33.4	33.6	33.8	36.0	37.6	32.9	33.3	35.4

10: 54th Ave E & SR 167 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	37.9	90.2	23.9	55.4	75.8	27.8	82.3	62.9	56.5	14.9	52.8
Total Del/Veh (s)	37.4	36.1	34.1	31.6	32.9	32.7	35.8	35.7	35.8	35.3	34.8

11: 54th Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2
Total Del/Veh (s)	15.9	15.6	15.7	15.4	16.5	13.5	15.6	14.6	15.6	15.6	15.4

12: 54th Ave E & Pacific Hwy E/Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.7	2.3	1.8	1.5	1.5	1.3	1.5	0.7	1.2	0.7	1.4
Total Del/Veh (s)	49.0	45.4	52.6	47.5	43.2	46.9	48.4	45.5	47.6	44.6	47.1

13: 54th Ave E & I-5 SB Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.5	5.0	0.3	0.4	0.9	0.3	0.8	0.5	0.4	0.9
Total Del/Veh (s)	16.8	25.7	53.0	17.1	16.5	46.4	15.9	26.8	25.8	26.1	27.1

14: 54th Ave E & I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	4.7	14.1	3.1	0.1	0.1	0.1	12.3	9.9	0.3	4.5
Total Del/Veh (s)	8.0	24.5	39.6	16.1	10.6	8.8	6.3	35.5	28.1	15.8	19.4

15: 54th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	27.5	13.1	30.8	18.1	2.6	24.8	28.0	21.0	17.4	25.2	20.9
Total Del/Veh (s)	80.4	75.7	90.1	88.1	86.8	86.4	88.6	89.1	87.5	88.0	86.1

16: E Valley Ave & 54th Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	17.0	0.5	0.7	69.4	3.2	58.7	44.8	26.3	19.1	105.4	34.4
Total Del/Veh (s)	26.4	9.6	12.3	44.8	16.1	46.2	26.0	23.7	27.5	48.5	27.8

17: I-5 SB Ramps/51st Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	25.0	0.3	0.3	0.3	0.3	0.3	0.4	0.3	1.0	0.3	2.8
Total Del/Veh (s)	36.9	22.7	20.1	23.1	18.9	21.4	31.9	18.1	30.9	19.2	24.4

18: 51st Ave E/I-5 NB Ramps & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3
Total Del/Veh (s)	14.0	12.1	12.8	13.3	13.5	13.5	13.0	13.6	13.2	12.7	13.2

19: 59th Ave Ct E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
Total Del/Veh (s)	25.3	27.3	24.5	24.4	25.8	25.2	27.1	25.3	27.1	23.5	25.6

20: 62nd Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.5	0.2	0.4	0.2	0.4	0.2	0.2	0.3
Total Del/Veh (s)	8.9	8.6	6.1	12.2	7.4	8.6	7.1	10.2	9.6	6.6	8.6

21: 62nd Ave E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	5.5	7.1	3.6	8.7	5.4	11.2	4.0	9.0	4.7	12.2	7.2

22: Pacific HWY (SR 99) & Porter Way Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	71.2	24.2	18.0	19.6	25.2	73.2	71.5	63.3	22.1	43.8	43.4
Total Del/Veh (s)	77.7	71.4	64.2	66.1	81.8	86.8	90.7	81.2	76.3	73.3	76.9

23: Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	146.8	162.0	152.2	166.2	216.0	187.7	186.2	171.7	166.6	188.4	174.4
Total Del/Veh (s)	225.7	230.4	206.0	219.7	228.3	230.5	215.1	218.5	198.6	225.8	220.0

24: 70th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	71.6	5.3	55.3	11.3	1.0	66.3	136.9	61.8	5.0	98.4	52.0
Total Del/Veh (s)	136.9	98.9	137.3	74.9	65.3	104.9	143.6	121.1	76.1	139.5	109.6

26: 54th Ave E & Driveway/15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.9	10.0	16.5	8.8	8.6	8.1	9.9	7.8	8.7	7.7	9.7

28: 59th Ave Ct E/Driveway & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2
Total Del/Veh (s)	18.4	16.2	16.7	16.4	16.8	16.8	17.0	17.2	16.6	18.8	17.1

30: 54th Ave E & 23rd St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	13.5	2.0	6.1	8.1	9.1	15.2	7.9	16.8	10.4	38.9	12.8
Total Del/Veh (s)	43.6	19.5	38.8	41.9	43.6	44.0	40.9	41.3	31.6	54.1	39.9

32: Port of Tacoma Rd & I-5 NB Off/I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	7.8	7.9	7.9	7.7	8.5	8.4	8.3	8.6	8.2	7.9	8.1

33: Port of Tacoma Rd & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.6	0.4	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
Total Del/Veh (s)	6.4	7.2	6.9	6.6	6.1	6.4	6.8	6.2	6.2	6.6	6.5

35: 59th Ave Ct E & 15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.5	5.2	4.9	5.5	5.8	4.6	4.9	4.6	6.8	5.3	5.3

38: 52nd Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.8	1.3	0.7	0.3	0.4	0.4	0.3	0.5	0.4	0.3	0.5
Total Del/Veh (s)	28.3	23.8	22.1	19.0	13.2	21.4	26.7	18.0	27.1	15.1	21.5

41: I-5 SB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.3	0.6	0.2	0.3	0.3	0.3	0.4	0.3	0.3
Total Del/Veh (s)	7.1	1.8	0.9	9.2	1.5	2.3	2.7	1.0	6.0	2.0	3.5

47: 54th Ave E & 8th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
Total Del/Veh (s)	12.0	11.7	12.3	12.5	12.2	11.9	11.7	13.5	13.7	14.2	12.6

59: 54th Ave E & 4th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	35.4	0.6	0.1	17.9	1.8	0.7	0.6	0.6	1.0	2.3	6.1
Total Del/Veh (s)	130.0	96.4	29.5	89.7	110.6	32.9	68.2	70.6	71.5	58.3	75.9

65: Port of Tacoma Rd & I-5 SB On/I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.7	9.9	9.3	8.8	7.7	7.8	9.0	9.3	8.7	10.1	8.9

66: I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4
Total Del/Veh (s)	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.6

70: SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.1	3.3	1.6	1.0	1.8	1.3	1.8	2.1	2.4	3.2	2.1
Total Del/Veh (s)	5.9	6.6	6.3	6.3	5.9	5.9	6.3	6.2	6.4	6.8	6.3

145: I-5 SB Off & 34th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	6.3	6.1	6.3	6.0	6.3	6.9	6.1	6.1	6.0	5.8	6.2

147: I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.8	9.6	10.1	9.8	9.9	10.6	9.6	10.1	9.6	10.2	10.0

148: 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	2.1	2.5	2.4	2.2	2.3	2.4	2.4	2.3	2.5	2.4	2.4

150: SR 509 WB/SR 509 EB & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.0	12.6	11.4	11.5	11.0	11.5	11.5	12.2	11.1	11.6	11.6

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	64.1	46.4	53.3	43.0	48.7	56.1	68.4
Total Del/Veh (s)	153.1	148.5	136.2	137.0	135.9	142.8	148.0

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	61.6	42.2	66.9	55.1
Total Del/Veh (s)	146.7	131.0	150.3	143.0

1: Port of Tacoma Rd & N Frontage Rd/SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.8	0.8	0.7	0.9	0.7	0.7	0.9	0.8	0.9	0.7	0.8
Total Del/Veh (s)	16.8	16.1	18.5	17.0	16.2	17.2	18.9	15.4	16.9	15.9	16.9

2: Port of Tacoma Rd & NB SR 509 on/off/12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.5	2.1	5.5	1.7	2.9	3.0	39.3	15.4	13.9	7.9	9.3
Total Del/Veh (s)	23.3	31.8	44.1	23.6	29.6	24.8	51.9	42.3	48.5	43.0	36.3

3: Port of Tacoma Rd & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	64.2	73.0	43.4	58.9	65.7	62.2	70.7	104.0	115.4	77.2	73.5
Total Del/Veh (s)	146.8	127.9	78.9	95.0	71.1	157.5	79.9	174.2	173.4	114.7	121.4

4: 34th Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	59.7	13.3	36.6	56.6	10.2	41.3	124.0	26.6	8.0	107.9	48.7
Total Del/Veh (s)	97.3	79.6	78.5	93.4	58.2	77.7	97.0	98.0	76.6	104.3	85.9

5: Alexander Ave E & SR 509/SR 509 WB Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	367.2	300.3	331.2	379.5	300.3	452.0	405.9	353.2	336.1	394.0	362.9
Total Del/Veh (s)	257.7	224.7	219.3	221.5	209.0	222.7	262.4	215.0	224.2	232.7	228.6

6: Alexander Ave E & SR 509 EB/SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.9	0.8	1.1	1.4	1.3	2.0	1.1	1.1	0.6	0.8	1.1
Total Del/Veh (s)	60.3	45.6	45.1	45.3	46.5	46.2	65.0	40.3	40.4	40.4	47.6

7: Alexander Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	1.4	0.4	7.9	0.2	0.6	0.2	0.2	0.2	1.2
Total Del/Veh (s)	64.1	14.6	61.1	51.1	83.2	66.9	52.5	19.5	8.2	15.5	43.7

8: Alexander Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	16.4	15.7	16.8	18.1	16.9	14.7	18.0	15.5	19.2	16.2	16.8

9: Taylor Way & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Total Del/Veh (s)	36.5	33.6	31.0	31.3	33.2	32.1	38.5	29.2	32.5	31.0	32.9

10: 54th Ave E & SR 167 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.4	0.2	1.7	0.2	1.7	0.1	0.2	1.3	0.2	0.2	0.7
Total Del/Veh (s)	29.9	19.7	32.8	22.5	39.4	16.7	21.9	26.8	21.5	21.7	25.4

11: 54th Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	36.0	1.9	0.1	0.1	0.3	17.5	0.2	2.7	12.8	7.3
Total Del/Veh (s)	37.0	169.5	70.8	33.2	33.5	55.9	100.0	33.4	92.4	140.6	77.3

12: 54th Ave E & Pacific Hwy E/Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	1.0	0.1	2.7	0.2	2.1	0.2	0.4	1.8	0.1	0.9
Total Del/Veh (s)	75.6	113.0	80.2	123.5	81.5	116.4	84.4	112.4	107.3	73.7	96.8

13: 54th Ave E & I-5 SB Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	5.1	0.3	0.4	0.3	0.3	0.3	7.8	0.3	0.4	1.6
Total Del/Veh (s)	19.3	49.6	27.5	19.7	17.5	16.2	21.1	46.4	19.7	33.2	27.1

14: 54th Ave E & I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	54.6	10.8	0.7	0.9	4.7	2.5	0.1	13.9	21.4	32.4	14.2
Total Del/Veh (s)	26.0	22.8	17.6	20.8	21.6	15.5	17.7	21.9	26.0	26.7	21.6

15: 54th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	6.9	4.5	0.8	2.8	7.5	1.7	2.2	0.9	2.4	3.0
Total Del/Veh (s)	43.1	48.5	47.1	56.6	49.2	45.5	48.0	47.1	49.8	46.7	48.1

16: E Valley Ave & 54th Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.4	0.4
Total Del/Veh (s)	7.9	8.3	7.1	6.9	8.5	10.0	8.4	8.1	8.7	9.1	8.3

17: I-5 SB Ramps/51st Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.2	0.1	0.1	0.2	0.0	0.1	0.1	0.1
Total Del/Veh (s)	31.8	34.4	30.4	31.0	31.5	29.5	29.8	28.5	29.6	33.3	31.0

18: 51st Ave E/I-5 NB Ramps & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	21.9	22.5	24.0	22.3	22.9	21.3	24.2	22.0	23.5	21.7	22.7

19: 59th Ave Ct E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.2	24.0	0.2	37.3	0.2	0.2	6.0	0.2	6.9
Total Del/Veh (s)	28.6	34.2	28.9	41.7	26.8	55.2	27.6	28.4	32.5	28.3	33.1

20: 62nd Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	3.4	0.4	0.3	0.3	9.8	0.4	0.3	0.4	0.4	1.6
Total Del/Veh (s)	6.6	41.8	6.4	6.2	30.0	65.3	5.7	7.5	9.9	6.7	18.9

21: 62nd Ave E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.2	6.3	4.9	4.7	7.3	24.3	6.5	5.6	5.8	5.3	7.7

22: Pacific HWY (SR 99) & Porter Way Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.2	1.2	0.9	0.9	1.1	1.3	4.6	1.6	1.3	1.5	1.6
Total Del/Veh (s)	41.2	42.7	50.3	40.2	42.2	48.6	55.4	57.8	50.0	60.6	48.9

23: Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.3	0.8	0.0	0.4	3.7	1.8	0.0	0.1	0.7
Total Del/Veh (s)	30.0	29.7	41.6	37.5	32.2	43.5	48.3	41.0	28.3	33.2	36.6

24: 70th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.1	4.1	1.1	1.2	1.1	4.6	1.3	0.9	1.0	1.3	1.8
Total Del/Veh (s)	46.1	67.2	51.7	57.6	49.6	67.4	53.6	48.5	48.4	52.8	54.3

26: 54th Ave E & Driveway/15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	8.5	23.0	2.3	0.6	0.2	5.9	43.1	0.6	18.4	18.2	12.1
Total Del/Veh (s)	85.3	99.5	94.0	36.1	28.2	80.4	101.9	44.2	95.5	91.9	75.9

28: 59th Ave Ct E/Driveway & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	20.1	33.8	18.7	22.3	35.0	39.8	29.9	24.2	21.9	26.2	27.3

30: 54th Ave E & 23rd St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.2	4.4	4.8	4.9	4.2	4.0	4.7	3.8	4.4	4.3	4.3

32: Port of Tacoma Rd & I-5 NB Off/I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	15.2	13.7	16.3	14.3	14.9	15.6	13.7	14.6	15.2	15.7	14.9

33: Port of Tacoma Rd & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
Total Del/Veh (s)	8.3	7.9	8.3	8.0	8.4	8.2	8.0	9.0	7.4	8.6	8.2

35: 59th Ave Ct E & 15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.7	6.1	5.7	20.4	5.3	6.3	6.2	5.0	4.5	6.2	7.0

38: 52nd Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.5	0.4	0.3	0.3	0.4	0.3	0.4	0.2	0.4
Total Del/Veh (s)	20.8	26.3	24.4	24.2	22.3	22.2	22.5	21.2	25.3	20.6	23.0

41: I-5 SB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.5	1.7	1.8	1.8	1.8	1.8	2.1	1.6	2.4	1.6	1.9

44: Willows Rd E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	10.7	13.2	12.0	13.0	10.6	11.4	11.8	11.4	13.9	10.8	11.9

47: 54th Ave E & 8th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.7	0.6	0.6	0.6	0.6	2.0	0.6	0.7	0.7	0.8
Total Del/Veh (s)	10.6	10.8	12.1	10.5	18.4	9.8	31.7	12.4	11.5	10.8	13.9

50: Frank Albert Rd E/46th Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	22.3	23.0	22.6	23.0	22.6	23.1	22.5	20.1	21.4	23.9	22.4

53: 62nd Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.3	0.3	0.2	0.6	0.8	0.3	0.3	0.3	2.5	0.6
Total Del/Veh (s)	13.4	35.5	14.3	14.7	38.3	49.4	14.6	17.3	14.1	51.3	26.5

56: School Driveway/58th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	1.0	0.1	0.1	3.8	3.4	0.1	0.4	0.4	0.8	1.0
Total Del/Veh (s)	14.0	44.4	19.8	17.2	53.5	69.4	20.2	37.0	20.9	45.9	34.3

59: 54th Ave E & 4th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.2	3.3	2.7	2.6	3.7	2.3	3.0	3.1	3.0	2.7	3.0

60: Frank Albert Rd E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3
Total Del/Veh (s)	28.7	30.2	30.3	25.2	28.1	25.2	23.7	24.4	26.5	24.7	26.7

65: Port of Tacoma Rd & I-5 SB On/I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	15.7	25.4	34.5	23.4	23.9	7.4	78.3	42.3	53.3	11.7	31.6
Total Del/Veh (s)	21.6	22.8	25.7	22.5	25.2	19.3	29.1	27.7	27.3	22.2	24.3

66: I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3
Total Del/Veh (s)	1.1	1.1	1.4	1.3	1.4	1.6	1.5	2.0	1.8	1.1	1.4

70: SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	192.0	107.5	163.8	184.4	183.7	115.6	181.5	184.3	178.0	199.1	169.1
Total Del/Veh (s)	10.6	10.1	10.3	11.0	10.7	10.3	11.2	10.7	10.8	10.7	10.6

145: I-5 SB Off & 34th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0
Total Del/Veh (s)	15.0	16.2	16.2	14.7	14.5	14.1	14.0	15.2	14.8	14.9	15.0

147: I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2
Total Del/Veh (s)	14.4	12.5	12.2	11.9	11.9	12.5	12.7	12.8	12.9	12.8	12.7

148: 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.0	2.2	2.0	2.1	2.0	2.0	2.0	2.0	1.7	2.2	2.0

150: SR 509 WB/SR 509 EB & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	11.4	10.6	10.1	10.0	10.7	10.5	11.0	9.9	9.7	10.4	10.4

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	87.2	67.0	70.0	84.8	66.5	89.1	108.3
Total Del/Veh (s)	164.8	186.9	161.4	164.3	153.4	186.0	178.1

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	84.7	82.8	98.6	83.9
Total Del/Veh (s)	170.7	171.4	178.6	171.6

1: Port of Tacoma Rd & N Frontage Rd/SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2
Total Del/Veh (s)	9.2	10.2	9.9	9.8	9.5	9.8	9.1	9.9	9.8	9.8	9.7

2: Port of Tacoma Rd & NB SR 509 on/off/12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.3	1.4	1.3	1.4	1.4	1.3	1.4	1.3	1.4	1.3	1.4
Total Del/Veh (s)	11.1	11.5	10.5	10.7	11.5	11.1	12.1	11.1	10.6	11.0	11.1

3: Port of Tacoma Rd & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	18.4	18.1	17.9	18.1	19.6	18.8	17.8	18.7	19.2	18.3	18.5

4: 34th Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.5	8.0	8.6	8.9	8.4	8.2	8.2	8.3	8.3	8.1	8.4

5: Alexander Ave E & SR 509/SR 509 WB Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	89.5	164.4	137.2	126.8	161.2	244.6	133.6	144.6	96.2	145.9	145.5
Total Del/Veh (s)	191.7	208.0	201.7	201.6	201.1	205.9	210.2	205.0	187.4	196.4	200.9

6: Alexander Ave E & SR 509 EB/SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	18.7	11.8	4.4	9.5	1.8	10.4	7.3	9.7	3.8	9.2	8.7
Total Del/Veh (s)	70.6	62.0	42.9	49.8	45.8	43.2	65.0	56.4	50.5	63.6	55.0

7: Alexander Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	20.5	11.7	0.8	21.5	0.1	7.0	0.1	15.5	0.1	0.1	7.9
Total Del/Veh (s)	76.5	86.4	55.9	81.1	9.5	72.1	13.8	77.0	15.1	51.4	54.5

8: Alexander Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.4	0.4
Total Del/Veh (s)	10.4	12.2	11.0	10.6	10.8	12.0	11.5	12.0	10.3	11.4	11.2

9: Taylor Way & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	27.4	1.0	0.6	17.7	0.6	0.5	0.6	50.1	8.9	0.7	11.0
Total Del/Veh (s)	64.3	47.2	40.2	63.2	36.5	34.1	34.5	66.3	51.4	43.9	48.0

10: 54th Ave E & SR 167 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	58.9	84.6	59.6	73.1	67.0	55.6	81.1	34.6	75.0	47.4	63.7
Total Del/Veh (s)	34.0	49.9	34.3	42.5	38.1	44.4	35.6	36.5	38.5	44.6	39.9

11: 54th Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.5	0.2	0.3
Total Del/Veh (s)	16.7	18.6	19.2	19.5	19.9	20.5	16.9	17.9	22.6	19.3	19.1

12: 54th Ave E & Pacific Hwy E/Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.8	2.4	2.4	2.7	2.0	0.7	3.4	1.2	15.6	1.9	3.5
Total Del/Veh (s)	52.2	52.6	49.5	53.6	54.5	49.1	56.2	51.0	60.4	56.9	53.6

13: 54th Ave E & I-5 SB Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	80.7	41.6	76.2	3.5	9.9	8.0	105.9	7.3	53.6	0.8	38.4
Total Del/Veh (s)	82.6	69.9	83.8	47.3	52.8	49.8	80.3	64.1	71.6	42.0	64.2

14: 54th Ave E & I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.5	0.1	0.5	13.8	0.1	1.9	0.1	25.5	9.2	5.3
Total Del/Veh (s)	29.3	12.2	13.6	12.1	32.2	11.9	19.2	8.3	38.9	36.3	21.5

15: 54th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	27.8	11.9	23.0	17.7	27.1	11.8	33.1	25.3	20.9	29.2	22.8
Total Del/Veh (s)	94.3	86.9	90.1	88.1	86.8	90.2	83.1	81.9	83.5	92.5	87.8

16: E Valley Ave & 54th Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	220.3	36.8	140.8	154.3	188.0	22.7	122.2	198.2	47.3	234.6	136.9
Total Del/Veh (s)	64.1	28.1	47.8	47.5	51.6	26.2	44.8	51.1	40.5	53.2	45.2

17: I-5 SB Ramps/51st Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.4	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.5
Total Del/Veh (s)	29.3	20.2	18.9	18.5	23.7	17.8	30.4	28.6	19.7	18.3	22.5

18: 51st Ave E/I-5 NB Ramps & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.3
Total Del/Veh (s)	11.9	13.7	14.1	12.5	14.3	13.5	13.5	12.1	14.6	12.8	13.3

19: 59th Ave Ct E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3
Total Del/Veh (s)	24.8	28.6	27.5	26.4	27.8	29.1	27.4	27.4	28.3	28.6	27.6

20: 62nd Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	5.2	0.2	0.8	0.3	0.2	0.2	0.2	0.2	0.8
Total Del/Veh (s)	5.8	7.4	23.0	7.7	12.4	10.7	6.7	7.2	7.6	8.9	9.8

21: 62nd Ave E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	2.2	1.9	0.0	0.0	0.1	0.2	0.1	0.1	0.5
Total Del/Veh (s)	5.0	12.5	38.8	23.4	4.6	4.5	5.2	17.0	5.7	17.9	13.4

22: Pacific HWY (SR 99) & Porter Way Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	182.1	86.0	76.3	14.3	6.3	43.8	119.6	110.1	39.6	59.4	74.1
Total Del/Veh (s)	121.2	85.8	98.2	64.3	57.2	78.5	101.8	100.2	74.5	78.8	85.4

23: Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	173.8	193.1	199.4	186.1	154.0	181.7	231.9	202.4	182.9	192.7	189.8
Total Del/Veh (s)	227.6	217.2	222.2	224.0	209.9	226.1	214.7	227.2	219.4	222.5	221.1

24: 70th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	64.4	44.7	85.6	152.8	312.0	80.7	137.2	96.6	134.4	111.9	123.7
Total Del/Veh (s)	107.5	100.4	100.8	115.1	157.9	99.8	145.5	109.9	135.0	105.1	117.8

26: 54th Ave E & Driveway/15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.8	0.1	0.1
Total Del/Veh (s)	11.8	8.9	11.1	23.5	16.0	9.9	21.2	8.8	90.2	18.0	21.8

28: 59th Ave Ct E/Driveway & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	15.5	14.9	20.6	15.3	17.5	17.3	15.9	16.4	15.9	16.8	16.7

30: 54th Ave E & 23rd St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	22.3	2.7	25.0	45.2	14.4	13.1	18.7	45.6	19.7	47.5	25.3
Total Del/Veh (s)	50.1	28.6	47.7	55.3	43.6	34.6	46.3	50.4	39.3	52.5	44.7

32: Port of Tacoma Rd & I-5 NB Off/I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	8.4	8.6	8.1	8.6	8.4	8.4	8.3	7.6	7.9	8.2	8.3

33: Port of Tacoma Rd & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.5	0.4	0.4	0.4	0.5	0.4	0.5	0.4	0.4	0.4
Total Del/Veh (s)	6.9	6.9	6.2	6.4	6.6	6.1	6.5	6.1	6.9	5.3	6.4

35: 59th Ave Ct E & 15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.8	5.2	5.7	6.2	4.9	7.2	6.6	4.6	6.0	4.8	5.7

38: 52nd Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.3	0.3	0.5	0.3	0.4	0.6	0.4	0.4	0.5	0.4
Total Del/Veh (s)	27.7	17.8	17.7	20.1	25.4	13.2	25.7	26.9	12.8	13.8	20.1

41: I-5 SB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3
Total Del/Veh (s)	5.5	1.9	2.1	1.9	1.2	1.8	3.5	1.7	1.8	1.3	2.3

47: 54th Ave E & 8th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	12.1	12.8	12.3	12.7	12.3	12.1	11.7	12.5	10.6	11.6	12.1

59: 54th Ave E & 4th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.9	0.5	1.1	32.4	2.9	1.0	0.5	0.6	70.4	11.5
Total Del/Veh (s)	70.9	100.5	106.9	102.5	120.1	111.2	100.6	74.7	105.2	120.2	101.7

65: Port of Tacoma Rd & I-5 SB On/I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.4	9.8	8.7	8.6	7.8	8.2	8.3	8.9	8.9	9.4	8.8

66: I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.4	0.3	0.3	0.4	0.5	0.3	0.4	0.4	0.4
Total Del/Veh (s)	0.5	0.6	0.6	0.4	0.5	0.6	0.6	0.5	0.6	0.6	0.6

70: SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.7	1.6	1.4	0.8	5.2	1.6	1.4	2.2	1.3	1.2	2.0
Total Del/Veh (s)	6.1	6.1	5.7	5.4	6.6	6.1	5.9	6.3	6.2	6.2	6.1

145: I-5 SB Off & 34th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	6.6	6.0	6.6	5.9	6.2	5.9	6.2	6.0	6.1	6.2	6.2

147: I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.0	11.0	10.1	10.2	11.0	10.0	10.3	9.3	10.4	10.0	10.2

148: 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	2.4	2.5	2.5	2.5	2.6	2.3	2.5	2.2	2.5	2.1	2.4

150: SR 509 WB/SR 509 EB & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.2	11.7	11.6	11.5	11.9	11.4	12.3	11.8	11.7	12.0	11.8

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	94.1	69.0	80.8	73.7	92.1	69.2	95.8
Total Del/Veh (s)	173.3	159.4	165.6	164.7	151.4	150.5	161.8

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	87.8	70.6	85.4	81.9
Total Del/Veh (s)	168.9	161.8	165.9	162.4

1: Port of Tacoma Rd & N Frontage Rd/SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.8	0.8	0.8	0.7	4.3	0.8	0.7	0.7	0.8	1.1
Total Del/Veh (s)	16.9	17.2	16.6	17.2	16.3	26.0	16.8	20.7	17.2	16.7	18.2

2: Port of Tacoma Rd & NB SR 509 on/off/12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	15.1	1.2	1.6	1.4	4.0	45.3	1.5	41.3	1.2	1.2	11.7
Total Del/Veh (s)	40.2	16.0	21.5	18.4	37.0	58.2	18.6	51.2	19.1	18.4	29.9

3: Port of Tacoma Rd & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	102.7	51.0	83.0	31.3	65.0	46.6	51.1	87.6	51.6	78.1	64.8
Total Del/Veh (s)	174.5	112.3	188.4	122.3	73.1	78.6	112.9	68.9	91.6	174.8	120.2

4: 34th Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	14.8	6.5	80.2	4.7	102.9	129.8	10.6	63.9	71.6	15.4	50.2
Total Del/Veh (s)	90.4	71.7	100.1	65.2	113.5	137.7	66.0	93.9	85.8	71.4	89.1

5: Alexander Ave E & SR 509/SR 509 WB Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	305.4	453.9	378.9	322.1	257.1	443.3	354.4	424.1	359.6	364.9	367.4
Total Del/Veh (s)	217.9	227.2	222.4	219.5	215.9	227.1	230.8	217.9	248.6	229.2	225.7

6: Alexander Ave E & SR 509 EB/SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.1	0.8	0.8	1.0	0.8	0.8	0.7	1.3	1.7	0.7	1.0
Total Del/Veh (s)	42.9	55.3	42.0	43.8	49.4	51.1	35.3	42.5	45.0	44.7	45.2

7: Alexander Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	1.3	0.2	20.3	0.2	0.1	2.7	0.2	0.2	2.7
Total Del/Veh (s)	49.7	14.7	83.4	29.5	84.4	20.5	5.7	78.4	26.0	29.2	42.5

8: Alexander Ave E & Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	16.0	17.7	20.0	17.1	15.4	25.8	18.9	14.8	16.8	16.5	17.9

9: Taylor Way & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Total Del/Veh (s)	33.1	34.7	34.5	30.2	31.5	30.4	41.1	28.8	34.7	31.4	33.1

10: 54th Ave E & SR 167 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	5.4	0.4	0.2	0.3	1.3	0.3	8.8	1.0	0.6	1.8	2.0
Total Del/Veh (s)	31.3	25.4	24.5	21.2	28.7	20.3	33.4	22.2	20.2	30.7	25.9

11: 54th Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	67.3	52.9	19.9	101.9	8.9	45.8	54.2	21.9	99.1	25.1	48.8
Total Del/Veh (s)	226.8	248.2	146.1	248.5	128.5	156.5	247.5	140.7	286.5	177.7	199.4

12: 54th Ave E & Pacific Hwy E/Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.3	0.7	1.3	0.1	0.6	2.3	3.1	3.8	0.1	1.4	1.6
Total Del/Veh (s)	109.5	98.1	110.0	74.0	95.6	89.1	132.5	122.6	50.0	117.9	100.8

13: 54th Ave E & I-5 SB Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.5	0.4	0.4	0.4	0.3	1.1	0.5	1.4	0.6
Total Del/Veh (s)	31.9	21.1	33.1	20.3	24.3	23.8	19.3	29.6	23.1	33.3	26.0

14: 54th Ave E & I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.5	17.8	3.1	3.4	16.8	2.3	3.6	7.8	34.6	1.6	9.3
Total Del/Veh (s)	26.6	24.9	20.0	27.2	22.3	38.3	22.3	27.2	26.7	20.9	25.7

15: 54th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	4.2	7.9	5.0	0.7	0.5	2.0	7.3	6.6	2.6	0.8	3.7
Total Del/Veh (s)	50.6	60.1	58.8	49.9	43.3	48.7	47.7	46.7	47.0	49.1	50.2

16: E Valley Ave & 54th Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	9.3	7.7	7.0	8.2	8.1	7.5	8.0	8.3	7.7	8.0	8.0

17: I-5 SB Ramps/51st Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	29.5	32.5	30.8	29.8	28.8	30.8	31.5	30.8	30.4	28.7	30.4

18: 51st Ave E/I-5 NB Ramps & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	20.1	27.9	21.3	22.6	22.1	22.4	21.3	21.0	23.2	22.3	22.5

19: 59th Ave Ct E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	1.8	0.2	0.3	0.2	0.3	67.2	0.3	16.4	6.3	9.0
Total Del/Veh (s)	31.2	40.9	34.7	31.2	30.5	28.0	62.0	37.0	108.3	47.4	44.1

20: 62nd Ave E & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	86.1	269.7	0.5	57.4	11.2	258.0	18.3	45.0	213.3	12.7	95.7
Total Del/Veh (s)	128.6	175.3	8.4	169.4	73.8	226.2	120.1	66.1	192.9	36.1	115.3

21: 62nd Ave E & Pacific Hwy E (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	4.9	0.0	4.7	0.0	9.5	1.5	0.0	6.7	0.0	2.4
Total Del/Veh (s)	11.6	95.4	7.4	131.4	8.7	117.2	59.6	6.9	119.7	5.7	50.3

22: Pacific HWY (SR 99) & Porter Way Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.5	19.0	1.0	23.8	3.2	18.4	1.2	11.2	21.0	3.9	10.3
Total Del/Veh (s)	52.4	72.8	42.4	61.2	55.9	56.6	56.6	57.6	54.9	45.2	55.3

23: Pacific HWY (SR 99) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.5	15.1	1.5	5.9	4.0	29.0	5.7	5.4	5.9	0.5	7.2
Total Del/Veh (s)	46.9	79.8	42.6	80.1	50.5	96.5	66.9	47.4	73.2	39.9	61.0

24: 70th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.7	1.1	1.1	1.0	2.5	5.0	1.2	1.1	0.9	1.1	1.8
Total Del/Veh (s)	92.4	54.6	59.8	54.1	56.5	65.1	63.7	57.0	51.9	52.5	61.0

26: 54th Ave E & Driveway/15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	37.8	36.2	25.2	34.2	14.5	46.9	44.1	44.2	42.0	32.4	35.5
Total Del/Veh (s)	105.4	104.3	92.8	98.4	90.8	98.1	101.4	102.0	106.8	96.2	99.4

28: 59th Ave Ct E/Driveway & 12th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.4	3.0	0.1	0.1	0.4	0.2	0.7	1.7	3.2	0.2	1.0
Total Del/Veh (s)	79.4	120.0	32.9	113.3	76.2	116.4	76.5	74.3	151.2	52.9	87.2

30: 54th Ave E & 23rd St Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1
Total Del/Veh (s)	4.7	5.6	5.3	5.7	6.1	5.2	4.9	5.0	4.7	5.7	5.3

32: Port of Tacoma Rd & I-5 NB Off/I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	14.0	15.0	15.0	13.0	14.5	15.2	15.4	14.4	15.3	14.4	14.6

33: Port of Tacoma Rd & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5
Total Del/Veh (s)	8.2	8.6	7.7	7.5	8.7	7.7	7.8	8.5	8.3	8.2	8.1

35: 59th Ave Ct E & 15th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	18.4	0.1	0.6	0.1	0.0	0.0	0.2	25.2	0.0	4.1
Total Del/Veh (s)	12.6	117.8	10.8	14.6	20.5	15.6	15.5	23.6	154.9	14.3	37.6

38: 52nd Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.5	0.4	0.4	0.4
Total Del/Veh (s)	24.8	22.3	20.1	19.8	20.7	20.1	23.2	21.8	18.7	23.0	21.5

41: I-5 SB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	1.8	3.1	2.3	1.4	2.0	1.7	1.8	2.0	1.8	1.4	1.9

44: Willows Rd E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2
Total Del/Veh (s)	11.7	12.3	11.2	12.6	10.8	12.2	12.4	10.9	11.6	11.2	11.7

47: 54th Ave E & 8th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	34.0	4.2	0.6	7.4	0.7	0.6	24.5	0.7	1.1	0.6	7.5
Total Del/Veh (s)	72.1	49.8	12.3	40.6	16.9	10.5	93.5	10.4	43.5	16.6	36.4

50: Frank Albert Rd E/46th Ave E & Pacific Hwy E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	20.2	22.7	22.7	22.6	23.8	21.7	21.6	22.0	22.9	20.7	22.1

53: 62nd Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	34.8	53.2	15.3	17.2	16.0	15.2	23.2	19.7	14.4	13.2	22.2

56: School Driveway/58th Ave E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	2.3	23.8	0.1	1.0	0.4	0.3	2.8	0.6	0.3	0.1	3.2
Total Del/Veh (s)	48.4	77.3	26.9	36.7	27.7	27.1	63.8	38.8	34.1	16.0	39.8

59: 54th Ave E & 4th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.0	0.1	0.7	0.0	0.1	0.1	0.1
Total Del/Veh (s)	11.3	2.9	2.5	2.8	4.7	3.0	25.1	2.9	4.1	3.3	6.3

60: Frank Albert Rd E & 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	25.3	27.1	24.0	24.4	24.7	23.8	25.1	24.9	25.1	26.5	25.1

65: Port of Tacoma Rd & I-5 SB On/I-5 SB Off Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	35.2	13.4	30.6	12.5	27.2	66.7	17.8	40.2	43.0	7.5	29.2
Total Del/Veh (s)	24.5	22.9	26.6	22.2	24.6	30.4	22.7	25.8	27.6	20.5	24.7

66: I-5 NB Ramps Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	0.9	2.3	1.0	1.3	1.6	1.5	0.9	1.1	1.1	1.7	1.4

70: SR 509 Off Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	184.8	178.9	211.8	165.2	177.9	190.5	176.9	200.9	122.9	178.1	178.9
Total Del/Veh (s)	10.7	10.7	10.9	10.8	10.6	10.5	11.0	10.9	10.6	10.2	10.7

145: I-5 SB Off & 34th Ave E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.0	0.9	1.0	0.9	1.4	1.0	0.9	0.9	0.9	1.0	1.0
Total Del/Veh (s)	15.2	15.4	14.6	13.2	15.7	16.7	14.0	13.9	15.8	14.8	14.9

147: I-5 NB On Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	12.4	11.4	12.9	13.2	12.9	13.7	12.7	13.0	11.5	12.6	12.6

148: 20th St E Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.0	2.0	2.1	1.8	2.1	1.8	1.8	2.1	2.1	2.2	2.0

150: SR 509 WB/SR 509 EB & SR 509 Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.5	10.6	10.0	10.0	11.0	10.6	12.2	9.8	10.4	10.7	10.6

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	89.7	111.3	95.9	79.1	78.0	133.9	88.9
Total Del/Veh (s)	217.2	237.0	195.6	214.5	185.5	228.2	220.1

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	110.1	106.6	80.9	97.5
Total Del/Veh (s)	190.3	226.3	190.6	210.6

Tacoma Segment

15: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.9	1.9	1.9	1.7	1.7	1.9	2.1	1.8	1.7	1.8

18: E Portland Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.2	3.3	3.7	2.9	2.9	3.2	3.1	3.0	2.6	2.7	3.1

31: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	0.3	0.3	0.3	0.4	0.3	0.2	0.4	0.2	0.3	0.3	0.3

32: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4

35: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.5	0.5	0.5
Total Del/Veh (s)	26.8	25.6	25.3	24.9	24.7	24.0	24.4	23.3	24.8	26.0	25.0

36: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.2
Total Del/Veh (s)	33.7	36.0	32.6	34.9	34.2	34.1	34.0	31.6	39.2	32.2	34.3

37: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	26.2	25.9	25.7	24.5	27.8	27.9	27.2	26.6	27.2	24.7	26.4

38: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.6	0.6	0.6	0.6	48.3	0.6	0.6	0.6	5.0
Total Del/Veh (s)	19.8	22.6	22.5	21.7	21.5	20.6	106.3	21.5	21.5	22.3	28.8

39: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	7.8	8.3	8.5	8.1	8.6	8.0	8.8	8.6	8.5	8.4	8.3

40: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.9	2.9	3.3	4.0	4.1	3.6	3.8	3.3	4.7	3.8	3.7

41: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Total Del/Veh (s)	10.6	9.0	17.8	10.7	12.9	9.3	11.0	11.4	10.7	10.6	11.4

42: A Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.7	4.9	4.6	5.8	5.2	4.3	61.1	5.3	4.5	5.1	8.5

43: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.8	0.4	1.8	0.4	0.4	262.8	0.5	0.4	0.4	22.2
Total Del/Veh (s)	25.0	35.6	32.4	42.9	28.1	24.7	169.5	23.6	30.2	29.8	38.6

44: C Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.4	0.5	0.3	0.6	0.5	0.0	0.2	0.3	0.1	0.3
Total Del/Veh (s)	21.9	21.7	20.1	22.0	21.2	22.5	28.4	21.7	20.5	20.6	22.0

45: C Street & ST Driveway Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.3	0.2	0.4	0.3	0.6	0.2	0.1	0.2
Total Del/Veh (s)	11.3	16.1	16.1	13.9	11.8	12.1	15.7	15.6	13.2	12.9	13.8

46: C Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0	0.0	1.0
Total Del/Veh (s)	2.0	2.9	3.1	2.4	2.3	2.2	86.8	2.1	2.0	2.8	7.4

47: E D Street & E Dock Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	5.3	5.3	6.1	5.9	5.2	6.1	5.3	6.2	5.8	5.4	5.7

48: E D Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	14.3	14.5	15.6	14.4	13.5	14.0	13.0	14.2	14.2	13.8	14.2

49: E D Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1
Total Del/Veh (s)	22.5	24.1	22.2	21.4	24.0	23.4	24.5	24.6	25.5	25.5	23.8

50: E D Street & ST Driveway Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.0	0.1
Total Del/Veh (s)	9.5	10.5	12.8	12.9	11.2	10.4	10.0	14.5	11.7	11.6	11.6

51: E D Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.3	13.4	12.2	12.8	12.7	12.6	62.4	11.4	12.2	13.2	15.7

52: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.2	1.3	1.4	1.7	1.4	1.7	1.6	1.4	1.3	1.5

53: E McKinley Way & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2
Total Del/Veh (s)	6.6	6.4	7.1	6.6	6.8	6.5	6.4	6.3	6.7	6.6	6.6

54: E E Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.0	3.6	3.7	4.6	5.0	4.4	4.1	4.4	3.7	5.8	4.4

55: E F Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.7	3.5	3.2	3.2	3.8	2.7	3.6	3.5	3.2	3.4	3.4

56: E G Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Total Del/Veh (s)	6.4	6.1	6.6	6.0	5.4	5.1	5.6	6.3	6.5	6.2	6.0

57: E G Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	23.3	25.6	25.2	23.9	23.9	22.4	22.6	23.5	22.2	23.8	23.7

58: E L Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.1	2.1	2.1	2.0	1.9	1.9	1.7	2.0	2.1	2.3	2.0

59: E L Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.9	1.6	1.8	1.7	2.1	1.7	1.4	1.6	1.8	1.7

60: E Wiley Avenue & E L Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.5	2.8	3.0	3.2	3.0	3.1	2.9	3.3	2.7	2.9	3.1

62: E L Street & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0
Total Del/Veh (s)	4.6	4.5	4.9	4.9	4.1	4.7	4.6	4.4	4.6	5.0	4.6

63: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.5	1.5	1.6	1.3	1.3	1.5	1.2	1.6	1.4	1.3	1.4

64: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1
Total Del/Veh (s)	2.7	2.6	3.3	2.3	2.8	2.7	2.6	2.8	2.5	2.7	2.7

65: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	19.2	17.5	19.9	17.7	18.2	17.4	17.5	19.6	18.6	18.5	18.4

66: E Portland Ave & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.0	3.2	3.4	3.5	3.5	3.4	2.9	3.3	3.5	3.2	3.4

67: E Portland Ave & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.4	0.2	2.3	0.1	0.1	0.2	0.1	0.7	0.2	0.4
Total Del/Veh (s)	4.7	6.6	4.9	6.5	5.0	5.0	4.2	3.9	6.1	4.4	5.1

68: E Portland Ave & E 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	13.5	13.7	12.4	13.6	14.6	13.5	14.4	13.1	12.5	12.6	13.4

69: E Portland Ave & E 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	14.9	13.8	14.1	14.0	15.1	14.7	14.3	14.6	14.5	14.0	14.4

70: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.6	0.5
Total Del/Veh (s)	7.9	7.1	6.8	6.7	8.0	6.7	7.1	7.2	7.2	7.3	7.2

71: E R Street & E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.7	4.7	4.8	4.9	5.0	3.3	3.8	4.9	3.8	4.9	4.5

72: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.4
Total Del/Veh (s)	13.7	13.1	12.6	12.2	12.5	11.8	11.5	13.5	13.1	12.5	12.6

73: E S Street & E 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	20.7	20.4	21.3	21.6	22.0	20.5	21.2	21.0	20.3	19.1	20.8

74: E R Street & E 30th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	4.2	4.1	4.2	4.3	4.2	4.1	4.4	4.2	4.2	4.1	4.2

75: E R Street & E 32nd Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.8	2.9	2.9	3.1	2.8	2.9	3.0	3.0	2.8	2.9	2.9

76: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	21.4	20.8	22.5	22.1	21.1	22.2	21.8	22.4	21.9	20.5	21.7

81: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	13.0	14.2	16.9	16.6	13.0	13.4	14.2	13.3	12.7	14.0	14.2

82: E 26th Street/E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.0	2.2	2.4	2.4	2.0	2.3	2.2	2.2	2.2	2.0	2.2

96: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.9	8.5	3.4	2.3	4.2	8.1	2.6	2.1	2.7	1.8	4.0

97: E 26th Street & E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.5	2.5	0.7	3.1	0.8	0.9	0.7	0.7	2.3	0.5	1.3

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.8	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8

102: Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.7	1.9	1.7	1.4	1.6	1.6	1.5	1.6	1.5	1.6

110: E 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	2.0	2.1	1.8	2.0	1.9	1.9	2.0	1.8	1.9	1.9	1.9

117: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	1.3	1.0	1.4	1.1	1.0	1.1	1.2	1.5	1.1	1.2

121: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.9	3.7	3.8	3.7	3.7	3.6	3.7	3.7	3.8	3.6	3.7

124: E G Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.0	2.4	2.2	2.4	1.8	1.8	1.9	2.3	2.2	2.7	2.2

131: E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.6	0.8	0.6	0.8	0.6	0.8	0.7	0.7	0.6	0.8	0.7

999: Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.8	3.0	2.7	2.8	3.1	2.8	2.3	2.7	2.6	2.9	2.8

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	0.7	0.8	0.7	1.2	0.7	0.6	31.8
Total Del/Veh (s)	53.1	55.3	56.0	55.7	53.3	52.5	81.7

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.7	0.7	3.9
Total Del/Veh (s)	53.0	54.3	53.1	56.8

15: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.2	0.6	1.8

18: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Total Del/Veh (s)	24.0	34.7	29.0	0.0	10.1	4.1	2.8	2.7	14.7	1.3	1.4	3.1

31: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.4	0.1	0.3

32: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.5	0.1	0.4

35: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.1	0.2	0.2	0.8	0.2	0.7	0.0	0.1	0.0	0.0	3.8	1.0
Total Del/Veh (s)	26.5	29.0	14.1	30.7	21.0	11.7	39.8	42.3	23.0	30.1	43.2	22.0

35: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.8	0.5
Total Del/Veh (s)	8.6	25.0

36: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.8	4.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.2
Total Del/Veh (s)	43.7	36.6	8.6	41.4	26.6	7.6	41.2	37.3	37.6	29.7	22.6	34.3

37: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Total Del/Veh (s)	37.6	33.8	4.9	38.6	16.6	23.2	25.5	29.4	29.4	24.1	20.3	11.9

37: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	26.4

38: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	16.8	11.4	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	51.7	49.5	9.6	41.2	35.0	22.8	24.7	20.9	33.0	28.9	6.4	2.4

38: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	5.0
Total Del/Veh (s)	28.8

39: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	3.1	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	15.3	14.2	6.3	17.2	16.6	9.7	20.4	7.7	3.4	23.1	2.8	2.9

39: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	8.3

40: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
Total Del/Veh (s)	5.8	2.1	0.9	7.1	2.8	1.1	43.8	28.7	4.6	46.7	4.7	3.7

41: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.5	10.0	28.9	8.1	0.3	4.5	11.4

42: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	11.8	5.3	19.6	12.8	2.6	54.8	29.9	8.5

43: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.8	0.0	42.7	40.6	22.2
Total Del/Veh (s)	6.6	0.4	94.4	56.7	38.6

44: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.6	0.5	0.0	0.0	0.0
Total Del/Veh (s)	21.7	24.2	21.2	17.6	7.6	4.0	20.9	22.7	15.4	52.6	30.2	7.4

44: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	22.0

45: C Street & ST Driveway Performance by movement

Movement	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.3	0.7	0.0	0.0	0.0	0.2
Total Del/Veh (s)	58.2	15.7	14.0	13.4	19.5	3.0	0.6	13.8

46: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBR	SBU	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.4	2.0	0.0	0.1	0.0	21.5	22.1	1.0
Total Del/Veh (s)	4.7	5.8	0.5	6.9	11.9	0.8	22.0	50.6	70.1	32.3	7.4

47: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.7	0.3	0.2	0.0	0.6	3.5	0.4
Total Del/Veh (s)	30.5	5.3	6.4	3.8	3.1	1.0	5.7

48: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	17.5	9.6	6.4	15.6	9.2	6.0	22.0	22.4	17.6	30.5	26.1	3.6

48: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	14.2

49: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.1
Total Del/Veh (s)	28.6	26.5	23.8	26.1	22.9	14.7	37.8	27.1	14.4	23.8

50: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.1
Total Del/Veh (s)	3.8	14.3	2.1	1.3	11.6

51: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	13.4	8.0	4.9	9.1	13.0	7.4	73.2	35.4	28.1	20.2	19.2	11.0

51: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	15.7

52: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.8	7.4	1.9	5.0	0.6	0.4	3.4	0.9	0.8	1.5

53: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.3	0.0	0.0	0.0
Total Del/Veh (s)	7.3	7.9	5.6	5.5	6.7	3.5	6.5	7.9	4.9	5.0	4.5	3.5

53: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	6.6

54: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	9.5	7.3	4.6	4.3	7.5	11.1	3.4	1.6	25.7	3.6	4.7	4.4

55: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.3	0.3	0.0	0.7	0.3	0.1	0.0
Total Del/Veh (s)	8.0	2.5	2.2	5.7	7.5	2.6	21.4	6.9	19.8	3.4

56: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0
Total Del/Veh (s)	5.1	3.8	2.1	7.2	3.7	2.8	31.0	14.9	7.4	3.9	6.0

57: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	45.2	33.5	11.2	42.2	0.6	12.4	26.3	22.8	41.9	23.6	23.7

58: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
Total Del/Veh (s)	4.9	2.0	1.9	5.1	1.3	1.9	13.2	0.1	6.4	15.6	3.9	2.0

59: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	4.2	4.8	2.6	2.9	3.2	1.7	0.6	0.4	2.0	0.5	0.3	1.7

60: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Del/Veh (s)	4.8	0.4	4.8	2.7		2.7	3.1

62: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Total Del/Veh (s)	6.9	4.7	4.4	5.9	2.7	1.4	0.1	0.0	0.0	4.6

63: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.6	0.7	0.3	0.3	1.4

64: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	12.5	4.4	2.2	0.3	2.7

65: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	3.7	0.2	3.6	0.0	0.0	0.1	0.0	0.0	0.2
Total Del/Veh (s)	39.5	27.3	1.9	41.4	29.2	8.5	19.5	3.5	39.9	9.6	1.2	18.4

66: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.4	7.3	3.2	23.9	6.7	7.2	1.5	0.7	1.9	2.2	1.7	3.4

67: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	27.7	13.9	6.7	40.9	7.7	17.4	5.6	1.8	1.1	9.3	0.6	0.5

67: E Portland Ave & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	5.1

68: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	33.4	29.3	8.8	36.5	9.4	7.5	2.6	13.4

69: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	33.5	30.9	1.9	12.7	7.4	35.8	4.0	14.4

70: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	2.2	0.7	0.9	0.2	0.0	0.0	0.5
Total Del/Veh (s)	21.9	4.6	27.6	0.2	12.4	5.7	7.3	6.6	15.4	1.9	1.1	7.2

71: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.7	1.5	4.8	4.5

72: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.4	0.0	0.0	0.4	0.1	0.4
Total Del/Veh (s)	13.6	14.1	21.8	0.6	10.6	0.9	12.6

73: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	19.7	20.8	0.9	29.7	26.9	20.8

74: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2		0.0	0.1
Total Del/Veh (s)	4.4	3.2	4.5	5.3		3.1	4.2

75: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.5	0.8	0.5	0.3	6.3	4.1	5.9	3.4	2.9

76: Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.2	0.4	0.2
Total Del/Veh (s)	15.9	7.0	22.8	28.1	12.1	21.7

81: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	18.9	8.1	14.2

82: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.2	0.6	2.9	2.2

96: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	7.9	1.9	4.0

97: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.1	0.9	1.7	0.8	7.7	1.0	1.3

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.0	0.5	0.8

102: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.9	2.6	0.9	2.6	1.6

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.6	0.7	1.9

117: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.1	0.1	1.3	1.2

121: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.1	1.9	3.7

124: E G Street Performance by movement

Movement	EBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.1	2.5	0.6	0.3	2.2

131: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.7	0.6	5.2	0.7

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.7	0.7	0.4	3.5	1.2	1.3	12.4	3.3	8.0	2.8

Total Network Performance

Denied Del/Veh (s)	3.9
Total Del/Veh (s)	56.8

12: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.2	2.1	2.2

24: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2
Total Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

25: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	8.5	0.7	0.9	32.8	0.8	0.8	2.0	0.8	12.4	4.7	6.5
Total Del/Veh (s)	7.3	1.3	1.4	9.5	1.3	1.8	3.2	1.7	6.5	6.0	4.0

35: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.7	0.5	1.2	0.6	1.2	0.6	0.7	0.6	0.6	0.7
Total Del/Veh (s)	31.2	35.2	30.8	35.7	32.5	36.9	29.2	30.9	32.3	36.4	33.1

36: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	41.7	41.2	41.8	41.6	39.4	41.6	39.4	43.8	40.5	41.5	41.2

37: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.3
Total Del/Veh (s)	26.8	28.0	27.7	28.2	27.2	26.9	28.0	29.2	27.3	27.9	27.7

38: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.5
Total Del/Veh (s)	25.3	24.7	24.2	26.3	24.8	24.5	24.4	25.6	24.8	25.8	25.1

39: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1
Total Del/Veh (s)	9.6	9.7	10.3	9.5	9.7	9.6	10.1	9.6	10.5	10.0	9.9

40: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.9	7.4	6.9	5.8	6.3	7.9	6.4	6.3	7.4	7.3	7.0

41: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	14.5	14.0	16.0	13.4	14.1	15.1	13.8	15.1	14.1	13.5	14.4

42: A Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.6	4.7	5.2	4.4	4.5	4.9	4.5	4.5	5.0	4.8	4.7

43: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Total Del/Veh (s)	8.4	7.9	7.2	8.0	8.2	8.7	7.0	8.3	10.0	9.0	8.3

44: C Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.4	0.0	0.0	0.1	0.1	0.3	0.0	0.2	0.1
Total Del/Veh (s)	31.2	31.5	31.7	31.4	32.4	31.2	33.1	29.3	33.0	29.9	31.6

45: C Street & ST Driveway Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.8	4.8	4.4	4.4	3.7	4.3	3.1	4.3	3.3	3.7	4.0

46: C Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.2	2.9	3.2	3.4	3.0	3.1	3.8	3.1	3.0	3.8	3.4

47: E D Street & E Dock Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Total Del/Veh (s)	5.6	7.1	7.0	5.4	6.4	6.6	7.0	5.8	6.6	6.0	6.4

48: E D Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	15.9	14.9	15.9	13.5	16.4	15.3	14.6	15.1	15.1	16.2	15.3

49: E D Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	32.4	33.7	30.5	34.2	29.0	33.3	32.6	32.1	36.9	32.1	32.7

50: E D Street & ST Driveway Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.5	3.2	2.5	3.0	2.7	2.6	2.2	2.0	2.1	3.9	2.7

51: E D Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.1	0.2	0.1	0.2
Total Del/Veh (s)	11.6	11.8	12.4	11.2	12.5	12.5	11.9	12.9	12.6	11.3	12.1

52: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.2	3.9	4.6	3.7	4.4	3.4	4.1	4.1	4.0	4.1	4.0

53: E McKinley Way & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.6	7.5	7.0	6.9	7.3	7.0	7.2	6.9	7.4	7.1	7.2

54: E E Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.8	0.9	1.8	0.9	0.9	1.1	0.6	1.2	1.0	1.3	1.1
Total Del/Veh (s)	14.3	15.0	17.3	16.7	15.4	14.4	14.4	15.1	16.4	14.8	15.4

55: E F Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.3	0.4	0.2	0.9	0.5	0.4	0.3	0.8	0.8	0.5
Total Del/Veh (s)	6.7	6.7	7.0	6.4	8.1	5.9	5.9	5.9	6.3	7.1	6.6

56: E G Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	12.8	10.2	12.2	12.2	10.9	11.1	10.2	11.2	10.0	12.3	11.3

57: E G Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.2	0.2	0.1
Total Del/Veh (s)	32.5	30.2	31.1	30.9	31.7	31.9	29.7	30.2	29.2	33.2	31.0

58: E L Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.4	2.9	3.5	3.0	3.2	3.2	3.2	3.4	3.2	3.4	3.2

59: E L Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	2.1	2.1	1.8	2.1	2.2	1.9	2.0	1.5	1.7	1.9

60: E Wiley Avenue & E L Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.4	4.0	4.2	4.1	4.1	3.9	4.0	4.2	4.1	3.8	4.1

62: E L Street & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.2	4.3	3.8	3.5	4.0	4.1	4.0	3.9	4.6	4.1	4.1

63: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	2.6	3.5	3.2	2.4	2.6	3.7	2.4	2.0	2.5	2.0	2.7

64: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
Total Del/Veh (s)	3.4	3.5	3.2	2.8	2.9	4.1	2.6	3.0	3.7	3.0	3.2

65: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Total Del/Veh (s)	22.8	21.2	23.1	22.0	22.8	23.2	20.0	22.7	21.4	20.5	22.0

66: E Portland Ave & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.8	0.0	0.6	0.4	0.0	0.1	0.0	0.2	0.0	0.0	0.2
Total Del/Veh (s)	9.1	5.4	9.1	8.8	4.6	9.2	5.7	8.3	5.6	5.4	7.1

67: E Portland Ave & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	13.2	5.4	15.0	14.6	3.6	18.7	4.4	21.1	4.3	4.3	10.5

68: E Portland Ave & E 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.3	0.1	0.2	0.1	0.0	0.0	0.2	0.0	0.1	0.1
Total Del/Veh (s)	38.2	27.3	38.9	44.3	26.0	40.3	27.9	43.4	28.0	26.4	34.1

69: E Portland Ave & E 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.2	0.1	0.3	0.1	0.2	0.1	0.1	0.1
Total Del/Veh (s)	23.3	19.7	20.2	20.3	18.0	21.0	19.7	20.7	19.6	18.2	20.1

70: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1
Total Del/Veh (s)	11.0	11.2	10.8	11.3	11.2	12.3	11.8	11.8	12.5	11.7	11.6

71: E R Street & E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.0	10.5	9.5	14.8	12.9	12.8	12.2	14.9	9.9	10.4	11.8

72: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.3
Total Del/Veh (s)	13.6	14.3	13.2	14.4	14.7	14.3	14.7	14.6	14.4	13.1	14.2

73: E S Street & E 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	48.2	27.6	34.6	29.6	28.6	34.9	28.3	30.3	29.9	25.3	31.8

74: E R Street & E 30th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.1	5.1	5.6	4.8	5.1	5.2	5.1	5.1	5.1	4.9	5.1

75: E R Street & E 32nd Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.0	3.2	3.3	3.0	2.8	3.0	3.5	3.2	3.0	3.2	3.1

77: Pioneer Way & River Road Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	19.4	19.0	19.1	19.2	18.8	18.9	19.7	18.4	19.6	19.8	19.2

81: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.4	8.2	8.0	7.2	8.3	7.5	7.6	7.2	8.5	8.1	7.8

82: E 26th Street/E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	1.9	0.0	0.0	0.2	0.0	0.1	0.0	0.4	0.7	0.1	0.3
Total Del/Veh (s)	22.9	9.3	5.0	27.9	7.0	8.3	17.3	13.1	17.5	28.2	15.6

96: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6

97: E 26th Street & E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.9	0.8	0.8	0.9	0.8	0.8	0.7	0.9	0.8	0.7	0.8

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.6	0.6	0.8	0.5	0.7	0.6	0.6	0.6	0.7	0.6	0.6

102: Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.9	3.1	2.9	2.7	3.1	2.7	3.0	2.7	2.9	2.9	2.9

110: E 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.1	2.3	2.2	2.4	2.3	2.2	2.1	2.3	2.3	2.2	2.2

115: E 30th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	1.5	1.8	1.4	1.3	1.6	1.5	1.5	1.6	1.5	1.3	1.5

117: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.6	0.6

121: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.0	3.7	3.7	3.9	3.7	3.8	3.7	3.8	3.9	3.7	3.8

124: E G Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.8	3.4	4.3	4.7	3.2	4.5	3.7	5.4	4.6	4.6	4.4

131: E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.9	3.0	3.4	2.8	3.1	3.3	3.0	3.0	2.6	2.9	3.0

133: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.5	0.1
Total Del/Veh (s)	30.8	7.3	6.9	38.8	6.1	7.6	20.6	10.5	26.4	42.1	19.7

900: Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	1.8	1.9	1.9	2.0	1.8	2.0	1.8	2.0	1.9	1.9

901: E Portland Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.5	2.5	2.4	2.3	2.7	2.4	2.4	2.5	2.6	2.5	2.5

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	2.7	0.9	1.1	5.9	0.9	1.1	1.0
Total Del/Veh (s)	89.1	72.5	76.6	89.6	70.4	80.2	74.9

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	1.1	2.8	1.6	1.9
Total Del/Veh (s)	80.7	78.8	82.7	79.7

12: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.0	0.4	2.2

24: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.3	0.2
Total Del/Veh (s)	0.3	0.2	0.2

25: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	12.5	6.5
Total Del/Veh (s)	4.5	3.5	4.0

35: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.2	0.6	0.8	1.1	0.2	0.9	0.0	0.1	0.0	0.0	4.0	1.7
Total Del/Veh (s)	34.8	45.6	27.2	48.2	23.3	11.2	35.0	46.2	27.2	26.8	67.8	25.9

35: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	4.1	0.7
Total Del/Veh (s)	14.4	33.1

36: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	1.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	37.1	33.6	8.8	39.0	31.0	7.2	69.9	65.2	38.4	38.5	25.1	41.2

37: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.4	0.4	0.3	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.1	0.1
Total Del/Veh (s)	40.1	32.6	9.6	41.9	37.1	37.5	34.6	37.8	41.9	20.4	22.0	18.0

37: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	27.7

38: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.1	0.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	43.9	44.4	4.9	35.8	35.4	30.1	35.1	19.0	12.2	14.4	11.7	4.9

38: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	25.1

39: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.3	0.3	0.1	0.1	0.1	3.6	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	14.5	14.8	9.9	19.1	18.0	11.2	27.7	11.5	4.2	24.0	5.6	7.0

39: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	9.9

40: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	5.1	8.7	2.5	2.3	6.0	9.6	4.5	3.2	29.2	32.0	3.8	42.7

40: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0
Total Del/Veh (s)	40.0	18.1	7.0

41: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.3	10.2	30.9	16.4	62.7	52.3	0.5	5.3	14.4

42: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.2	0.0
Total Del/Veh (s)	4.5	4.6	8.7	3.7	25.9	7.0	4.7

43: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.4	0.4	0.1
Total Del/Veh (s)	0.7	0.5	32.1	18.0	8.3

44: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.0	0.1
Total Del/Veh (s)	27.7	28.9	19.9	21.4	18.8	29.2	33.2	12.9	35.0	40.7	27.8	31.6

45: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.4	29.5	4.1	1.5	1.7	4.0

46: C Street & E 26th Street Performance by movement

Movement	EBU	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.8	6.1	0.6	0.4	1.5	1.0	19.1	5.9	24.3	24.3	11.1	3.4

47: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.7	0.2	0.0	0.0	1.3	3.3	0.6
Total Del/Veh (s)	19.5	5.2	9.5	3.6	3.3	1.8	6.4

48: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.3	7.1	4.6	15.1	10.3	8.8	45.5	33.7	23.0	40.4	38.6	6.0

48: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	15.3

49: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.3	0.1
Total Del/Veh (s)	38.3	38.2	29.2	40.2	28.9	15.6	34.9	34.3	25.9	32.7

50: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.1	4.5	1.5	0.9	2.7

51: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.2	0.5	1.2	0.0	0.1	0.0	0.0	0.1
Total Del/Veh (s)	19.8	10.9	7.1	9.4	6.1	3.8	42.3	28.3	12.9	18.3	15.4	10.3

51: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	12.1

52: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Total Del/Veh (s)	7.7	5.1	10.2	6.0	7.6	0.3	0.1	2.9	1.9	4.0

53: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	11.1	8.7	9.9	6.5	6.8	3.2	6.2	7.1	4.2	7.4	5.8	6.0

53: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	7.2

54: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.0	0.0	0.4	0.1	0.2	5.0	3.9	4.6	0.1	0.1	0.1
Total Del/Veh (s)	15.3	8.2	6.5	12.8	9.9	7.2	38.4	53.7	28.6	33.6	33.0	9.1

54: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	1.1
Total Del/Veh (s)	15.4

55: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.1	0.0	6.2	5.6	0.5
Total Del/Veh (s)	12.2	6.8	5.7	10.3	7.4	4.0	29.0	10.8	6.6

56: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.1	0.0
Total Del/Veh (s)	12.0	11.6	10.9	5.0	44.3	23.1	7.4	51.3	11.3

57: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1
Total Del/Veh (s)	33.3	30.3	13.6	46.1	0.8	27.1	40.9	28.0	52.0	35.4	31.0

58: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	6.4	3.6	3.9	7.5	2.2	2.6	17.7	0.2	6.3	12.5	19.2	5.9

58: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	3.2

59: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.6	5.3	3.2	4.8	4.5	2.9	2.1	0.4	0.3	2.1	0.7	0.5

59: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.9

60: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Del/Veh (s)	4.6	0.1	5.8	2.6		3.0	4.1

62: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Total Del/Veh (s)	6.7	3.5	4.8	5.2	3.0	1.6	0.1	0.1	0.1	0.0	4.1

63: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.2	0.3	0.2
Total Del/Veh (s)	13.6	0.3	0.7	0.7	2.7

64: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	12.9	11.3	1.7	0.6	3.2

65: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	2.9	0.5	2.8	0.0	0.0	0.1	0.0	0.0	0.5
Total Del/Veh (s)	51.7	33.8	3.5	39.8	22.7	4.6	26.3	1.7	50.6	24.4	1.7	22.0

66: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	40.0	7.4	61.3	41.6	0.8	0.9	2.1	4.7	4.0	7.1

67: E Portland Ave & E 26th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.6	130.4	0.6	9.6	92.1	139.7	3.4	1.1	9.8	7.7	5.4	10.5

68: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.1
Total Del/Veh (s)	42.5	31.4	9.7	50.2	16.6	39.3	9.0	34.1

69: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.2	0.4	0.1	0.1
Total Del/Veh (s)	36.6	34.6	2.8	26.4	13.3	41.5	5.0	20.1

70: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.1	0.0	3.0	0.3	0.4	0.1	0.0	0.0
Total Del/Veh (s)	15.7	15.4	8.7	18.8	11.2	5.7	13.4	13.1	9.0	13.5	10.2	8.7

70: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	11.6

71: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	18.1	2.0	6.5	11.8

72: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.4	0.4	0.0	0.0	0.2	0.0	0.3
Total Del/Veh (s)	19.3	17.2	26.3	0.4	8.9	0.9	14.2

73: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	33.8	29.8	14.8	27.1	29.6	25.0	36.7	39.5	31.8

74: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	5.9	4.0	4.6	5.3	4.5	0.1	2.9	5.8	5.1

75: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	2.3	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	3.2	1.3	0.9	2.3	0.8	0.6	8.2	7.7	4.9	6.8	8.1	4.2

75: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	3.1

77: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1	0.2	0.1
Total Del/Veh (s)	16.7	20.1	18.1	27.4	4.8	19.2

81: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	9.9	4.8	7.8

82: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.6	0.0	0.3
Total Del/Veh (s)	6.7	25.1	1.5	15.6

96: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	1.1	0.5	0.6

97: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	3.4	0.5	0.2	0.3	6.2	3.2	0.8

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBT	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.3	0.9	0.4	0.6

102: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.3	3.2	4.2	7.0	2.9

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.0
Total Del/Veh (s)	2.7	0.7	2.2

115: E 30th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.2	0.2	0.1
Total Del/Veh (s)	5.6	5.3	1.2	1.1	0.4	0.1	1.5

117: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.2	0.3	0.8	0.6

121: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.0	2.9	3.8

124: E G Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.2	10.4	6.2	3.7	3.6	2.1	4.4

131: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.4	5.3	3.0

133: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.1	0.3	0.1	0.1
Total Del/Veh (s)	18.4	10.4	311.1	19.7

900: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	0.9	0.7	3.7	1.3	1.2	4.7	10.1	12.4	1.9

901: E Portland Ave Performance by movement

Movement	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	20.8	25.4	7.2	2.1	1.9	7.3	2.3	2.5

Total Network Performance

Denied Del/Veh (s)	1.9
Total Del/Veh (s)	79.7

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
Total Del/Veh (s)	32.1	33.7	30.4	29.3	30.5	27.6	30.3	34.1	33.6	30.5	31.3

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	34.0	33.2	34.0	33.3	32.7	33.5	33.5	33.7	32.5	32.7	33.3

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.4
Total Del/Veh (s)	24.6	24.3	24.9	24.5	23.9	24.0	24.9	23.9	24.7	22.9	24.3

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Total Del/Veh (s)	20.1	21.9	21.9	20.4	20.6	22.1	20.5	21.4	20.9	21.6	21.1

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total Del/Veh (s)	7.3	6.8	7.4	7.8	7.9	6.9	8.2	7.7	7.7	7.6	7.5

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	5.1	4.0	4.4	4.5	3.9	4.8	5.4	4.2	4.9	4.6	4.6

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	9.5	12.4	6.1	8.7	11.2	8.6	8.4	7.7	8.3	10.9	9.2

8: A Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.5	4.3	4.2	3.5	3.2	4.0	3.5	4.0	3.7	3.5	3.8

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	87.7	89.7	100.7	120.4	33.2	3.5	0.5	7.4	8.2	45.8
Total Del/Veh (s)	38.2	87.3	84.4	84.6	91.4	81.1	41.5	63.2	50.1	68.7	69.1

10: C Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	21.2	20.1	20.6	19.7	19.7	20.3	20.6	20.1	19.9	19.8	20.2

11: C Street & ST Driveway Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.2	0.1	0.2	0.3	0.4	0.1	0.9	0.0	0.1	0.3
Total Del/Veh (s)	15.7	11.8	13.1	11.3	11.4	12.6	9.8	15.4	9.8	9.9	12.1

12: C Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.9	2.6	2.8	2.5	3.2	2.4	2.4	3.0	3.3	3.0	2.8

13: E D Street & E Dock Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.4
Total Del/Veh (s)	6.0	5.9	6.5	5.4	6.2	5.8	6.1	5.8	5.8	5.8	5.9

14: E D Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.3	0.1	0.2	0.3	0.2	0.6	0.2	0.2	0.2	0.3
Total Del/Veh (s)	19.3	20.9	16.6	18.0	18.9	17.1	19.4	18.4	18.2	20.2	18.7

15: E D Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.2	0.0	0.1	0.1
Total Del/Veh (s)	23.6	23.2	22.8	19.6	21.7	20.5	20.8	24.1	19.8	21.2	21.8

16: E D Street & ST Driveway Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	15.4	14.2	14.7	12.0	12.5	12.8	11.0	11.8	10.2	17.4	13.3

17: E D Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.8	11.8	12.7	11.8	11.8	11.8	13.1	12.3	13.5	19.7	13.2

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.4	1.5	1.3	1.2	1.7	1.6	1.5	1.4	1.4	1.5

19: E McKinley Way & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	6.9	6.9	7.0	7.4	6.8	6.5	6.9	6.7	6.9	7.2	7.0

20: E E Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	5.5	5.6	5.5	5.3	7.5	5.2	7.3	5.6	6.0	6.2	6.0

21: E F Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.4	4.7	3.5	4.1	4.9	4.2	4.6	4.4	4.4	3.8	4.3

22: E G Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	9.2	7.9	8.8	9.5	7.2	8.0	8.9	7.6	7.8	7.5	8.2

23: E G Street & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	20.5	20.8	20.9	18.3	20.2	21.3	20.9	21.1	21.0	22.5	20.8

24: E L Street & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.7	5.5	6.1	4.5	4.8	3.6	4.4	5.0	5.7	4.4	4.9

25: E L Street & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.8	1.7	1.7	1.8	2.0	1.8	1.8	1.8	1.7	1.8

26: E Wiley Avenue/S 27th Street & E L Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.0	4.9	4.9	4.7	4.5	4.9	4.8	4.8	5.0	4.8	4.8

27: E L Street & S 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.4	1.2	1.9	1.7	1.2	1.7	1.9	2.2	1.6	1.7

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1
Total Del/Veh (s)	1.9	2.5	1.9	1.9	2.2	1.9	1.9	2.1	2.0	1.7	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	5.2	6.4	5.5	5.6	5.4	5.8	5.5	6.1	5.4	5.2	5.6

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.3	0.3	0.3	0.5	0.3	0.2	0.4	0.4	0.3	0.3
Total Del/Veh (s)	20.2	21.5	21.5	20.8	20.4	23.0	22.3	21.4	23.7	22.4	21.7

32: E Portland Ave & E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.9	4.1	3.4	3.7	4.2	4.4	4.3	4.9	4.2	4.1	4.1

33: E Portland Ave & E 26th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.4	0.1	1.4	0.3	1.2	1.9	0.9	1.2	0.8
Total Del/Veh (s)	4.4	5.2	6.0	3.7	7.6	6.8	7.3	7.9	6.5	7.0	6.3

34: E Portland Ave & E 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	16.2	17.0	15.0	15.1	15.4	14.8	15.0	15.7	16.4	15.6	15.6

35: E Portland Ave & E 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	17.3	18.9	16.8	18.9	17.3	17.4	17.1	18.1	17.2	17.3	17.6

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	1.0	1.0	1.6	1.2	1.0	0.8	1.5	0.8	0.7	1.0
Total Del/Veh (s)	9.1	11.6	12.0	12.2	12.1	11.3	10.1	12.5	10.3	10.2	11.2

37: E R Street & E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Total Del/Veh (s)	5.8	7.8	7.0	4.7	5.9	4.5	7.6	6.3	9.4	5.0	6.5

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.4	0.5	0.3	0.4	0.4	0.6	0.4	0.4	0.4	0.4
Total Del/Veh (s)	14.4	14.8	16.0	13.5	14.7	14.2	15.7	14.0	15.8	13.9	14.7

39: E S Street & E 28th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	23.2	24.1	23.2	23.3	23.6	22.3	23.1	23.7	23.3	22.2	23.2

40: E R Street & E 30th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.6	4.5	4.5	4.7	4.7	4.2	4.6	4.6	4.3	4.5	4.5

41: E R Street & E 32nd Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.1	3.0	3.1	2.9	2.9	3.0	3.2	3.5	3.3	3.0	3.1

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	25.3	23.7	24.7	25.5	25.1	26.3	43.5	25.5	25.1	25.1	27.0

63: E L Street & E 34th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.0	3.2	3.4	3.4	2.9	3.4	3.4	3.2	3.0	3.2	3.2

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.8	0.7	0.7	0.8	0.8	0.7	1.0	0.7	0.8	0.8

137: S 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.2	0.1	0.1

985: Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.9	2.9	2.9	2.6	4.0	2.7	3.4	3.8	3.9	3.5	3.3

986: E 27th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	2.0	2.1	1.9	2.1	2.2	2.1	2.0	2.0	2.0	2.0	2.0

987: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1

988: E 26th Street/E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.1	0.1	8.0	0.2	0.0	0.1	0.9
Total Del/Veh (s)	7.2	3.1	3.2	4.7	3.7	7.6	22.5	7.6	3.2	4.8	6.8

989: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	0.4	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4

990: Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	3.5	3.5	3.4	3.5	3.6	3.4	3.5	3.6	3.5	3.6	3.5

991: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	48.3	22.8	29.3	48.5	39.3	62.8	79.7	58.2	26.1	50.0	46.8

992: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.0	1.9	1.9	2.0	2.0	1.8	1.9	1.9	2.0	1.7	1.9

993: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	1.2	1.3	1.1	1.4	1.1	1.2	1.8	1.1	1.2	1.3

994: E 26th Street & E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	1.0	1.3	0.7	3.5	1.0	2.3	4.4	1.7	2.1	1.9

995: E Bay Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.1	8.1	1.9	4.5	4.5	8.3	6.4	18.5	5.5	2.3	6.5

996: E Portland Ave Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	6.0	5.9	6.1	7.6	6.4	6.5	6.5	8.4	6.0	6.1	6.6

997: E G Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.5	2.8	3.5	2.9	2.3	2.3	3.0	2.5	3.1	2.9	2.8

998: E 25th Street Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	0.6	0.8	0.8	0.8	0.8	0.9	0.6	0.9	0.6	0.7	0.7

999: Puyallup Avenue Performance by run number

Run Number	1	10	2	3	4	5	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.9	4.4	4.0	4.5	4.0	4.5	4.6	4.3	4.5	4.4	4.4

Total Network Performance By Run

Run Number	1	10	2	3	4	5	6
Denied Del/Veh (s)	0.8	10.7	10.9	12.1	14.6	4.5	3.3
Total Del/Veh (s)	67.9	70.0	69.0	71.4	71.4	74.8	83.3

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	1.3	1.7	1.8	6.2
Total Del/Veh (s)	74.8	66.1	71.0	72.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.0	0.2	0.3	1.1	0.3	1.0	0.0	0.1	0.0	0.0	3.8	1.0
Total Del/Veh (s)	34.5	38.6	22.2	41.8	26.4	15.0	49.0	47.3	25.3	33.3	59.5	25.3

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.7	0.5
Total Del/Veh (s)	10.5	31.3

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	3.9	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.1
Total Del/Veh (s)	32.7	31.4	5.7	39.8	23.2	8.3	41.6	42.0	33.9	26.7	21.0	33.3

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.5	0.6	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	32.0	29.7	5.3	24.7	16.4	17.5	23.4	29.1	31.1	20.2	16.3	11.0

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	24.3

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.9	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Total Del/Veh (s)	35.8	30.6	3.6	35.3	30.6	20.4	24.0	17.8	16.7	15.4	7.3	2.7

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.6
Total Del/Veh (s)	21.1

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	3.1	0.2	0.3	0.0	0.0	0.0
Total Del/Veh (s)	14.8	13.5	6.2	16.2	14.9	9.1	8.9	8.4	3.5	11.0	2.7	3.8

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	7.5

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	9.4	2.8	1.4	7.3	4.2	2.7	48.8	42.7	4.7	35.2	6.6	4.6

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.2	7.9	20.9	6.6	37.1	0.2	4.1	9.2

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.6	2.6	9.7	10.5	2.0	17.4	5.7	3.8

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	86.4	86.3	45.8
Total Del/Veh (s)	1.5	0.3	188.0	97.4	69.1

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	24.6	24.2	20.0	20.6	10.0	6.0	16.5	20.8	13.4	31.2	19.7	5.4

10: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	20.2

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	1.1	0.3	0.5	0.0	0.0	0.0	0.3
Total Del/Veh (s)	2.1	61.4	11.9	12.5	10.4	22.0	1.3	1.4	12.1

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBU	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.0	1.9	0.5	6.3	1.2	1.1	30.5	16.3	30.0	37.3	5.3	2.8

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.7	0.3	0.0	0.0	0.8	3.4	0.4
Total Del/Veh (s)	28.3	5.5	6.5	4.1	3.0	1.5	5.9

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.5	1.7	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.2	0.0
Total Del/Veh (s)	22.5	14.7	7.5	27.7	15.1	4.0	20.4	18.5	17.2	43.9	32.3	3.8

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	18.7

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.0	0.3	0.0	0.1	0.1	0.1	0.0	0.0	0.1
Total Del/Veh (s)	24.2	26.7	17.6	26.2	20.3	13.7	38.5	19.7	10.2	21.8

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.6	15.3	2.2	0.6	13.3

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	14.5	8.7	6.4	14.3	5.3	3.5	32.2	31.1	26.7	24.8	5.3	4.8

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	13.2

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	7.5	2.4	5.9	0.6	0.4	2.8	0.5	0.6	1.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.4	0.3	0.0	0.0	0.0
Total Del/Veh (s)	8.5	7.9	6.1	5.7	6.6	3.3	6.9	8.2	5.3	4.3	1.9	3.6

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.0

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	11.4	10.9	7.5	5.5	8.8	12.0	3.5	1.3	38.4	5.2	3.5	6.0

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.3	0.4	0.0	0.9	1.0	0.1	0.1
Total Del/Veh (s)	8.4	3.5	2.5	9.6	9.2	3.2	23.1	8.4	24.7	4.3

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.1	0.1
Total Del/Veh (s)	9.3	7.5	4.2	9.6	5.4	3.6	30.2	9.9	9.7	4.9	8.2

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0
Total Del/Veh (s)	37.7	31.4	14.6	36.8	0.6	12.1	22.6	17.9	41.2	20.4	20.8

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	4.8	1.4	0.8	9.9	4.4	4.3	30.1	0.1	18.1	16.6	7.3	4.9

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.1	5.8	3.2	3.4	3.3	1.7	1.7	2.8	0.4	0.4	1.8

26: E Wiley Avenue/S 27th Street & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.9	0.4	2.3	4.4	5.9	3.2	5.9	4.8	3.0	4.8

27: E L Street & S 28th Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.0	8.4	1.5	1.7

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.2	0.1
Total Del/Veh (s)	5.7	1.3	0.3	0.2	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	18.1	5.5	5.1	3.8	5.6

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.5	0.2	3.6	0.2	3.5	0.1	0.1	0.2	0.0	0.0	0.3
Total Del/Veh (s)	43.3	30.7	2.0	47.0	25.8	9.7	23.8	13.7	25.7	14.3	2.0	21.7

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	0.4	9.6	5.4	28.6	10.1	7.8	1.7	0.4	1.8	2.5	2.1	4.1

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Total Del/Veh (s)	50.0	24.1	10.3	6.1	23.7	4.6	0.8	0.9	14.6	0.7	0.5	6.3

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	31.1	33.1	16.5	42.7	12.0	9.4	3.3	15.6

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	34.2	31.3	2.0	18.5	11.9	38.0	4.2	17.6

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	2.7	1.4	1.4	0.1	0.0	0.0	1.0
Total Del/Veh (s)	26.1	5.5	25.4	0.2	14.1	8.5	12.5	12.3	15.6	2.1	1.4	11.2

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Del/Veh (s)	6.6	1.7	7.6	6.5

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.4	0.0		0.6	0.0	0.4
Total Del/Veh (s)	15.0	16.2	25.8		12.7	1.5	14.7

39: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	21.7	22.6	1.4	34.0	33.2	23.2

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	5.1	3.9	4.7	5.3	0.1	3.2	4.5

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.5	0.8	0.6	0.3	6.7	4.2	6.3	3.5	3.1

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.0	0.3	0.3	0.4	0.2
Total Del/Veh (s)	16.8	9.5	30.8	34.2	17.4	27.0

63: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1
Total Del/Veh (s)	8.0	5.8	6.0	6.0	3.3	1.7	0.2	0.4	0.6	3.2

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.8	0.5	0.8

137: S 27th Street Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	0.1	0.1

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	2.2	3.9	6.3	3.3

986: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.5	0.9	2.0

987: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.2	0.1	0.1

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	1.3	0.9
Total Del/Veh (s)	0.2	0.7	9.4	6.8

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.6	0.1	0.4

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.0
Total Del/Veh (s)	4.8	1.9	3.5

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	54.8	36.1	46.8

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.3	0.7	1.9

993: E Bay Street Performance by movement

Movement	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.3	1.4	1.3

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.6	1.1	2.6	1.1	7.5	1.0	1.9

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	11.1	3.3	6.5

996: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0
Total Del/Veh (s)	56.4	70.9	65.6	72.2	50.5	4.8	5.5	4.9	24.3	1.5	1.3	6.6

997: E G Street Performance by movement

Movement	EBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.8	3.3	0.7	0.5	2.8

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Del/Veh (s)	0.7	0.6	6.1	0.7

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.3	1.6	0.8	3.1	0.8	0.2	16.1	19.0	13.0	4.4

Total Network Performance

Denied Del/Veh (s)	6.2
Total Del/Veh (s)	72.1

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.6	13.1	0.9	2.5	5.2	0.9	3.9	1.3	2.6	10.7	4.2
Total Del/Veh (s)	36.6	46.2	36.6	38.3	41.9	36.7	42.7	39.0	39.7	44.9	40.3

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	32.1	31.3	32.8	30.9	34.2	31.3	35.7	33.0	32.5	34.1	32.8

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.6	0.7	0.5	0.3	0.4	0.3	0.6	0.6	0.3	0.3	0.5
Total Del/Veh (s)	32.6	34.1	33.5	31.8	31.4	33.9	33.7	32.0	33.5	32.6	32.9

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.5	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	25.0	25.6	25.5	24.7	25.0	24.3	25.4	26.8	24.9	24.0	25.1

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1
Total Del/Veh (s)	9.7	9.5	9.5	8.9	9.9	9.1	9.2	9.4	8.9	9.8	9.4

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1
Total Del/Veh (s)	8.7	7.3	6.9	8.2	8.3	7.2	7.7	7.7	9.5	10.7	8.2

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.1	10.8	9.3	10.5	10.2	9.2	10.8	8.6	9.9	9.2	9.8

8: A Street & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.6	5.5	4.6	4.8	4.1	3.5	4.6	4.7	6.0	4.4	4.7

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2
Total Del/Veh (s)	17.7	12.3	16.6	13.0	12.2	10.2	12.0	23.2	12.8	9.1	14.0

10: C Street & E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.1
Total Del/Veh (s)	23.4	24.8	26.2	24.8	26.2	23.1	23.6	26.9	21.5	27.2	24.8

11: C Street & ST Driveway Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	3.5	4.9	2.2	6.0	3.2	4.3	4.0	4.0	3.4	3.0	3.9

12: C Street & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.8	5.6	5.1	4.4	6.0	5.6	4.8	4.4	4.0	4.2	4.9

13: E D Street & E Dock Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.6
Total Del/Veh (s)	6.9	6.4	6.5	5.8	6.6	6.3	7.0	6.7	7.1	5.9	6.5

14: E D Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.3	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	19.2	15.6	16.1	17.3	17.5	15.5	18.5	17.9	19.1	17.2	17.4

15: E D Street & E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	30.6	30.1	28.8	30.5	29.3	31.2	33.7	30.3	30.0	31.2	30.6

16: E D Street & ST Driveway Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.8	1.8	1.6	2.3	1.8	2.4	2.1	2.2	2.3	2.0

17: E D Street & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3
Total Del/Veh (s)	12.4	11.5	11.6	11.9	11.9	12.0	12.1	12.4	11.2	12.0	11.9

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.8	2.7	2.8	3.1	2.9	2.8	2.5	3.2	2.7	3.0	2.9

19: E McKinley Way & E 34th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.8	7.0	6.3	6.1	6.8	7.1	6.7	6.6	7.1	6.1	6.7

20: E E Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.8	0.8	1.0	0.9	0.4	0.5	0.8	0.7	0.7	0.7	0.7
Total Del/Veh (s)	15.2	13.9	13.7	15.3	12.3	13.1	14.2	13.4	13.4	13.4	13.8

21: E F Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.3	0.4	0.4	0.2	0.4	0.3	0.4	0.3	0.4	0.3
Total Del/Veh (s)	6.6	7.2	6.3	7.0	6.5	6.4	6.4	7.3	6.5	6.5	6.7

22: E G Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	10.5	10.2	11.3	11.0	10.0	10.3	11.7	9.8	8.5	10.7	10.4

23: E G Street & E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Total Del/Veh (s)	26.7	29.9	30.7	30.1	28.1	31.1	28.4	27.3	29.3	27.7	28.9

24: E L Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.1	3.1	3.7	3.1	3.5	3.6	3.1	3.6	3.4	3.2	3.3

25: E L Street & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	1.7	1.7	1.8	1.8	1.9	1.7	1.9	1.5	1.7	1.7

26: E Wiley Avenue & E L Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.7	5.4	5.5	5.7	5.6	5.9	5.6	5.5	5.5	5.5	5.6

27: E L Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.4	1.2	1.4	1.5	1.3	1.4	1.3	1.3	1.3	1.2	1.3

28: E L Street & E 34th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	3.3	2.7	2.9	3.3	3.1	3.1	3.3	3.4	3.1	2.7	3.1

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	103.2	141.5	57.3	0.2	74.4	13.3	2.0	2.6	1.0	0.2	39.6
Total Del/Veh (s)	43.4	47.9	36.9	3.4	47.9	15.9	10.4	10.4	15.0	3.9	22.9

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	43.3	70.2	15.7	0.0	113.4	2.0	13.2	0.1	34.3	0.0	28.7
Total Del/Veh (s)	107.1	134.2	82.7	7.0	169.4	39.9	59.1	19.7	89.2	8.4	69.0

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	6.1	5.2	1.8	0.4	1.8	1.1	2.7	0.8	1.0	0.5	2.1
Total Del/Veh (s)	57.3	64.4	48.6	22.8	56.5	37.6	44.2	29.0	49.2	23.1	42.7

32: E Portland Ave & E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	4.6	3.9	3.0	0.6	12.4	0.6	8.1	2.0	11.2	0.0	4.5
Total Del/Veh (s)	38.5	47.9	40.2	13.5	53.3	21.3	37.8	20.5	38.8	4.8	31.0

33: E Portland Ave & E 26th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.5	0.0	0.2	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	34.0	42.5	34.3	15.5	42.1	18.3	31.4	19.1	34.1	3.9	26.9

34: E Portland Ave & E 27th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	1.3	0.1	12.2	0.1	0.1	0.1	0.1	0.1	1.4
Total Del/Veh (s)	36.1	36.0	33.3	28.5	32.5	30.4	29.5	25.4	32.8	21.1	30.5

35: E Portland Ave & E 28th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.3	1.0	0.5	0.2	0.2	0.2	0.4	0.3	1.4	0.1	0.4
Total Del/Veh (s)	47.8	57.5	45.9	35.7	41.6	36.0	40.6	36.7	55.2	26.8	42.2

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	3.1	0.7	2.5	2.1	0.3	14.7	1.0	0.2	1.1	0.3	2.6
Total Del/Veh (s)	23.1	25.3	25.5	28.0	19.8	28.9	25.5	23.6	25.0	20.8	24.6

37: E R Street & E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	7.7	7.7	12.3	27.3	1.3	21.7	15.6	0.9	4.3	9.1	10.8
Total Del/Veh (s)	85.0	98.4	88.9	107.3	59.1	118.6	93.5	73.5	56.7	86.4	86.7

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	496.8	488.9	548.1	528.0	447.6	502.3	652.4	674.3	646.3	646.5	564.2
Total Del/Veh (s)	67.3	69.2	68.1	71.2	69.6	69.6	77.5	73.2	72.7	72.7	71.0

39: E S Street & E 28th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.6	0.3	1.2	0.4	0.6	0.6	0.7	0.6	1.0	0.3	0.6
Total Del/Veh (s)	98.6	106.5	95.9	91.7	104.4	87.5	101.3	92.5	101.7	80.1	95.9

40: E R Street & E 30th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.1	4.8	5.3	5.2	5.3	5.2	5.2	5.3	5.4	5.0	5.2

41: E R Street & E 32nd Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Total Del/Veh (s)	3.9	4.0	4.7	4.4	4.2	4.1	4.5	4.1	4.0	3.7	4.2

43: Pioneer Way & River Road Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	29.8	0.1	118.0	15.2	0.1	0.1	0.1	16.1
Total Del/Veh (s)	20.7	20.3	31.1	57.0	20.3	82.0	43.6	20.9	20.9	20.3	33.4

50: E Portland Ave Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Total Del/Veh (s)	4.7	4.6	4.0	4.0	4.1	3.9	4.5	4.4	15.4	3.7	5.3

59: Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.4	4.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.7
Total Del/Veh (s)	0.5	3.5	0.4	0.4	0.5	0.5	0.9	0.5	0.6	0.5	0.8

80: Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.2	0.2	0.1	0.1
Total Del/Veh (s)	21.0	44.2	40.5	24.1	39.7	41.9	26.2	38.6	47.0	35.3	35.8

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.7	0.7	0.9	1.1	0.6	0.6	0.7	0.8	0.8	0.8

110: E 27th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.4	2.3	2.5	2.3	2.1	2.2	2.2	2.1	2.3	2.1	2.2

115: E 30th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.6	0.1	0.5
Total Del/Veh (s)	3.1	3.0	3.4	3.1	3.2	2.9	3.4	3.4	8.5	2.7	3.7

120: E R Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.2	2.4	2.3	2.2	2.2	2.2	2.4	2.2	2.3	2.1	2.3

137: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.7	4.3	3.9	4.2	3.6	4.2	3.5	3.7	3.4	3.5	3.8

141: Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	1.7	1.9	2.5	2.2	1.8	1.9	2.4	2.1	1.9	2.0

144: E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	2.6
Total Del/Veh (s)	2.3	26.1	29.1	0.7	380.1	0.8	29.1	0.8	10.5	0.6	48.1

985: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	13.8	11.5	12.4	11.9	11.2	12.8	9.9	8.9	9.3	9.2	11.1

988: E 26th Street/E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.5	0.3	0.0	0.3	0.5	0.0	0.0	0.0	0.2
Total Del/Veh (s)	24.4	30.3	41.6	35.5	29.0	59.0	31.8	30.9	29.2	29.4	33.9

989: Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	2.8	143.4	159.8	21.2	82.9	159.7	25.4	100.9	150.6	85.5	94.3
Total Del/Veh (s)	2.6	9.0	9.4	5.2	10.0	10.6	7.5	8.6	10.5	8.6	8.2

990: Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	3.8	4.0	4.0	3.9	4.1	4.1	4.9	3.9	4.0	4.1	4.1

991: E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.3	11.1	104.9	95.8	9.3	205.5	96.4	9.4	12.6	38.3	57.4

992: E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2
Total Del/Veh (s)	11.6	23.3	50.6	44.5	5.6	105.7	66.9	14.5	16.4	40.5	36.6

993: E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	0.7	0.8	0.8	0.7	0.8	0.7	0.7	0.7	1.7	0.9

994: E 26th Street & E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.0	1.0	0.8	0.8	0.9	1.3	1.0	0.9	1.0	1.0	1.0

995: E Bay Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	1.5	0.7	0.9	0.7	0.9	0.7	1.0	0.9	0.7	0.7	0.9

997: E G Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	5.2	4.6	4.9	6.0	3.7	5.3	6.4	4.6	3.2	4.3	4.8

998: E 25th Street Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.1	3.3	3.7	3.2	3.5	3.2	2.9	3.1	3.3	3.3	3.3

999: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	2	3	5	6	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.6	1.5	1.5	1.7	1.5	1.9	1.9	1.7	1.7	1.7

Total Network Performance By Run

Run Number	1	10	11	13	2	3	5
Denied Del/Veh (s)	101.0	130.9	130.5	105.8	111.9	137.0	109.0
Total Del/Veh (s)	135.9	150.4	154.4	129.7	159.2	155.4	141.6

Total Network Performance By Run

Run Number	6	8	9	Avg
Denied Del/Veh (s)	117.9	125.1	119.8	119.0
Total Del/Veh (s)	115.1	140.2	104.1	138.7

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	20.6	14.4	14.7	1.0	0.3	1.0	0.0	0.0	0.0	0.0	3.5	1.3
Total Del/Veh (s)	61.4	71.6	58.1	44.3	24.8	13.2	45.0	46.1	30.9	32.1	52.7	26.7

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.5	4.2
Total Del/Veh (s)	15.1	40.3

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	35.8	32.2	7.7	41.7	24.8	8.4	40.9	38.0	35.9	36.7	31.0	32.8

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.5	0.5	0.3	0.1	0.1	0.0	0.1	0.0	0.0	0.7	0.5	0.5
Total Del/Veh (s)	35.4	30.4	11.1	44.0	44.3	47.5	30.2	35.3	37.4	30.5	36.5	33.4

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	32.9

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.1	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	42.4	42.0	5.5	33.6	32.2	27.0	37.6	20.2	14.9	22.8	15.8	7.6

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	25.1

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.3	0.3	0.1	0.1	0.1	3.5	0.1	0.2	0.0	0.0	0.0
Total Del/Veh (s)	15.2	14.9	10.4	20.8	18.8	13.5	11.7	11.8	4.9	11.9	5.8	6.1

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	9.4

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.1
Total Del/Veh (s)	20.9	13.8	2.3	1.5	9.2	7.2	6.1	25.0	23.5	4.0	36.1	38.4

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	0.2	0.1
Total Del/Veh (s)	19.8	8.2

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.2	7.6	18.5	8.1	36.3	42.7	0.6	5.1	9.8

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	3.2	4.0	8.9	3.9	30.9	9.1	4.7

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.5	0.5	0.2
Total Del/Veh (s)	0.7	0.6	59.1	28.4	14.0

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1
Total Del/Veh (s)	16.4	17.7	9.1	19.4	17.7	36.9	29.0	13.0	26.0	34.6	21.9	24.8

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.5	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.0	27.0	3.6	3.3	1.5	3.9

12: C Street & E 26th Street Performance by movement

Movement	EBU	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.5	8.3	0.7	0.3	1.8	1.3	27.1	7.7	38.7	38.8	18.1	4.9

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.8	0.2	0.0	0.0	1.3	2.9	0.6
Total Del/Veh (s)	23.4	5.3	9.6	4.0	3.6	2.1	6.5

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	34.9	13.8	6.5	22.0	15.6	4.5	17.4	18.9	12.7	37.9	36.4	9.6

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	17.4

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	44.4	43.6	27.8	22.9	21.7	9.9	31.6	30.5	22.0	30.6

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.3	2.9	1.3	0.8	2.0

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.4	0.9	1.5	0.1	0.1	0.0	0.0	0.1
Total Del/Veh (s)	18.0	7.3	4.5	13.0	9.0	6.2	38.1	25.0	8.5	14.0	19.7	12.3

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	11.9

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Total Del/Veh (s)	5.3	3.2	8.7	8.9	6.1	0.2	0.1	2.6	1.3	2.9

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	11.4	8.8	9.5	6.3	6.9	3.2	5.6	6.9	3.7	6.3	3.6	4.7

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	6.7

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.4	0.1	0.0	3.3	5.0	3.2	0.1	0.1	0.1
Total Del/Veh (s)	14.6	8.0	5.5	14.0	9.4	3.6	33.4	28.2	25.4	32.4	23.8	7.4

20: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.7
Total Del/Veh (s)	13.8

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.8	0.0	0.0	0.0	4.1	3.7	0.3
Total Del/Veh (s)	9.5	5.6	4.3	16.4	13.3	5.4	25.8	13.0	6.7

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.2	0.5	0.0	0.0	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	6.7	4.8	15.1	5.2	46.6	27.6	13.2	34.9	10.4

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1		0.1	0.0	0.0	0.0	0.6	0.2
Total Del/Veh (s)	29.0	24.0	12.8	41.0		24.3	39.5	28.6	33.3	31.5	28.9

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	9.2	1.9	1.4	10.2	1.5	0.8	39.0	0.1	13.0	39.1	26.5	12.8

24: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	3.3

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.2	6.3	3.6	6.8	5.9	3.3	3.9	1.8	1.6	2.2	0.8	0.5

25: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.7

26: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.6	0.1	2.7	5.6	6.3	2.5	5.4	5.7	3.9	5.6

27: E L Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.3	4.1	1.7	1.3

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	8.3	3.9	6.2	7.4	3.2	2.2	0.1	0.1	1.4	1.4	3.1

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	58.3	54.1	39.6
Total Del/Veh (s)	24.8	1.2	27.8	26.8	22.9

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	112.6	124.6	0.1	0.0	28.7
Total Del/Veh (s)	58.4	225.6	7.8	45.4	69.0

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	1.5	4.7	3.3	0.9	3.0	0.0	0.0	2.3	2.2	1.2	2.1
Total Del/Veh (s)	52.2	37.3	23.8	53.7	25.2	5.4	27.6	2.5	54.8	85.1	5.3	42.7

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	88.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	4.5
Total Del/Veh (s)	270.9	13.8	123.1	51.9	0.9	1.3	2.1	25.3	28.1	31.0

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.6	0.4	0.1	0.0	0.1
Total Del/Veh (s)	47.7	1.1	10.1	157.9	1.0	0.9	25.4	36.3	21.0	26.9

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	2.3	3.0	1.4
Total Del/Veh (s)	45.8	31.0	7.4	37.5	18.6	34.2	9.4	30.5

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.5	1.0	0.6	0.4	0.4
Total Del/Veh (s)	43.2	50.1	7.4	54.5	23.7	77.1	20.9	42.2

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.0	10.0	7.2	8.3	0.0	0.0	0.0
Total Del/Veh (s)	17.9	17.7	9.1	26.7	11.3	9.7	24.9	33.7	36.5	34.3	15.0	12.5

36: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	2.6
Total Del/Veh (s)	24.6

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	22.2	0.0	0.1	10.8
Total Del/Veh (s)	148.7	98.2	24.7	86.7

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	883.5	890.8	0.0		0.6	0.5	564.2
Total Del/Veh (s)	129.0	37.8	89.0		39.3	11.8	71.0

39: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.6	1.6	2.9	0.3	1.1	1.0	0.0	0.0	0.6
Total Del/Veh (s)	125.3	134.7	112.7	40.0	60.8	57.9	101.1	97.6	95.9

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.5	4.2	4.8	5.3	4.9	0.3	3.5	6.2	3.5	5.2

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	2.1	0.4	0.4	0.3	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	4.7	1.5	0.9	3.0	1.5	1.1	14.8	13.4	7.3	12.2	12.6	7.2

41: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	4.2

43: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	52.3	1.6	2.6	16.1
Total Del/Veh (s)	17.7	21.3	54.9	46.1	17.5	33.4

50: E Portland Ave Performance by movement

Movement	EBL	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.3	0.0	0.1	0.1	0.0	0.0
Total Del/Veh (s)	59.9	34.0	44.4	27.2	5.0	4.7	11.7	3.4	5.3

59: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.9	0.7
Total Del/Veh (s)	0.4	0.9	0.8

80: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.1	0.4	0.1	0.1
Total Del/Veh (s)	32.8	21.1	566.7	35.8

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.3	0.4	0.8

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	2.3	1.9	2.2

115: E 30th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	1.0	1.1	0.5
Total Del/Veh (s)	2.6	0.5	1.2	1.0	6.7	6.3	3.7

120: E R Street Performance by movement

Movement	EBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	3.3	2.3	1.5	2.3

137: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0		0.0	0.0
Total Del/Veh (s)	1.5	0.9	10.1	4.8		8.0	3.8

141: Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.0	2.0

144: E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	All
Denied Del/Veh (s)	0.0	5.5	0.0	0.0	0.0	2.6
Total Del/Veh (s)	46.9	101.4	0.2	0.1	0.0	48.1

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	5.0	9.7	24.9	29.4	11.1

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)		0.0	0.4	0.2
Total Del/Veh (s)		45.5	18.4	33.9

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	163.4	94.3
Total Del/Veh (s)	7.3	8.9	8.2

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.0
Total Del/Veh (s)	5.0	3.2	4.1

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	65.1	46.8	57.4

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.5	0.0	0.2
Total Del/Veh (s)	81.9	4.7	36.6

993: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.2	0.8	0.9	0.9

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	3.0	0.6	0.2	0.4	6.8	3.7	1.0

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	1.6	1.7	0.6	0.9

997: E G Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	14.3	11.2	7.6	3.9	3.2	1.7	4.8

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1
Total Del/Veh (s)	0.2	0.4	5.3	3.3

999: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	1.0	0.7	3.0	0.9	1.3	4.6	20.4	14.7	1.7

Total Network Performance

Denied Del/Veh (s)	119.0
Total Del/Veh (s)	138.7

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.3	0.3	0.4	1.0	0.3	1.0	0.0	0.1	0.0	0.0	3.7	1.1
Total Del/Veh (s)	40.6	40.4	21.5	53.9	30.8	19.1	45.2	43.9	28.9	36.7	53.7	25.3

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.7	0.5
Total Del/Veh (s)	12.0	34.3

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	4.1	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.1
Total Del/Veh (s)	33.4	30.2	5.3	34.4	18.9	10.8	43.0	40.9	32.6	25.7	19.8	32.6

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.6	0.8	0.3	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.2
Total Del/Veh (s)	36.3	28.0	5.0	20.7	13.2	13.8	20.3	26.7	30.2	19.3	17.6	11.7

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	23.3

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.8	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	35.9	30.7	3.8	33.5	24.0	15.2	30.9	22.9	22.4	19.7	8.0	3.3

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.6
Total Del/Veh (s)	22.5

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	2.9	0.2	0.3	0.0	0.0	0.0
Total Del/Veh (s)	14.5	14.9	6.9	18.5	14.5	9.1	9.2	8.5	3.5	11.0	3.0	4.0

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	7.7

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	9.2	2.9	1.6	9.9	4.8	3.2	47.7	38.0	5.3	46.7	5.4	4.9

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.8	7.7	17.4	9.9	42.6	0.5	5.0	9.9

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	5.4	2.6	10.5	15.2	2.7	20.4	6.3	4.8

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	565.3	570.9	275.4
Total Del/Veh (s)	5.1	0.4	329.7	194.5	101.2

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	23.5	22.8	19.1	27.2	9.2	6.4	20.7	21.2	14.4	32.6	18.3	6.2

10: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	20.0

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	2.5	0.1	0.9	0.3	0.7	0.0	0.1	0.0	0.3
Total Del/Veh (s)	5.6	53.0	13.0	11.6	11.2	31.2	1.5	0.9	11.3

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1
Total Del/Veh (s)	5.3	7.7	0.6	13.1	1.8	1.3	89.8	90.5	182.5	54.9	7.7

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.5	0.4	0.0	0.0	0.6	3.2	0.4
Total Del/Veh (s)	29.9	7.4	7.6	4.9	4.3	1.4	7.3

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.7	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.9	0.3
Total Del/Veh (s)	27.3	17.9	8.8	30.1	16.8	6.1	23.1	17.8	17.2	53.8	43.9	4.6

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	22.0

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	24.6	22.4	17.0	18.5	16.0	11.4	75.6	22.5	21.8	21.7

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.1
Total Del/Veh (s)	8.5	21.7	2.2	1.1	19.6

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.7	0.3	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	49.5	20.7	16.5	16.4	9.8	9.4	47.1	72.5	70.6	31.3	10.7	7.6

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	32.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.4	8.4	2.5	5.6	0.8	0.4	2.9	0.9	1.2	1.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.5	0.4	0.4	0.0	0.0	0.0
Total Del/Veh (s)	9.4	8.3	6.5	5.4	7.0	3.5	7.5	8.9	6.3	5.0	4.5	3.6

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.4

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	10.9	10.6	7.5	5.6	8.4	10.6	3.2	2.5	33.0	7.8	3.7	5.7

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.3	0.3	0.0	0.9	1.5	0.1	0.1
Total Del/Veh (s)	8.6	3.9	2.6	8.1	9.3	3.4	22.6	7.6	24.4	4.4

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	12.7	9.4	5.7	11.3	7.1	5.5	29.8	11.5	8.6	4.2	10.1

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	30.1	20.9	10.1	36.0	0.5	16.3	7.9	4.2	16.1	8.7	11.4

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.2	0.4	0.0	0.1	0.0	0.0	0.0	0.7	0.1	0.1	0.2
Total Del/Veh (s)	5.7	1.4	0.8	11.2	4.8	3.5	59.6	1.5	48.2	24.3	7.5	9.0

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.4	6.6	3.3	3.5	3.8	1.8	1.7	2.7	0.4	0.3	1.7

26: E Wiley Avenue/S 27th Street & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.8	0.3	3.1	4.8	6.3	2.5	6.4	5.1	3.2	5.2

27: E L Street & S 28th Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	0.9	9.2	1.6	1.8

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.0	0.1	0.1
Total Del/Veh (s)	8.6	3.6	6.6	6.6	3.2	1.9	0.2	0.7	0.9	3.0

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.2	0.1
Total Del/Veh (s)	5.9	1.3	0.3	0.2	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	18.0	5.3	5.0	3.8	5.5

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.9	0.6	3.5	0.2	3.5	0.1	0.2	0.1	0.0	0.0	0.5
Total Del/Veh (s)	44.5	33.7	2.1	50.6	25.2	9.1	27.5	17.0	26.1	15.1	1.9	23.9

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	0.2	7.3	5.6	37.2	5.6	6.5	1.9	0.7	2.0	2.3	2.0	4.3

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Total Del/Veh (s)	37.2	27.2	11.3	5.0	20.2	8.1	1.5	1.6	17.5	0.8	0.6	5.9

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.6	0.4	0.3
Total Del/Veh (s)	23.9	15.4	20.0	38.1	15.7	10.4	3.2	15.7

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	32.7	30.6	2.0	35.6	22.3	38.4	6.6	25.4

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	6.8	3.9	4.5	0.1	0.0	0.0	2.8
Total Del/Veh (s)	24.0	5.0	25.8	0.2	14.2	8.5	15.1	15.5	16.5	2.0	1.4	12.8

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.3	0.0	0.0	0.2
Total Del/Veh (s)	10.5	2.3	9.1	9.5

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.5	0.0	0.0	0.5	0.1	0.4
Total Del/Veh (s)	16.6	18.5	28.0	0.4	12.2	2.2	14.8

39: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.3	22.0	1.2	35.6	35.4	23.7

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	5.1	3.6	4.7	5.4	0.1	3.2	4.5

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.5	0.9	0.5	0.3	6.8	4.5	6.1	3.5	3.2

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.2	0.0	1.8	1.7	2.4	1.2
Total Del/Veh (s)	17.6	11.2	45.6	45.2	29.2	36.0

45: E 25th Street Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.3	0.1
Total Del/Veh (s)	3.0	2.0	8.2	4.4

46: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.0	0.3	0.1	0.1	0.1
Total Del/Veh (s)	0.5	6.9	1.4	6.9	1.4

47: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Total Del/Veh (s)	10.8	1.9	1.2	1.4	3.1	3.0	8.1	1.1	2.3

48: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.3	1.9	5.2	2.6

69: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	1.0	0.0	0.1
Total Del/Veh (s)	5.4	2.2	1.0	13.4	1.6	2.0

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.0	0.5	0.9

137: S 27th Street Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	0.1	0.1

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	2.5	4.0	7.3	3.7

986: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.5	0.9	2.0

987: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.1	0.2

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	1.0	0.7
Total Del/Veh (s)	0.6	0.8	18.3	12.9

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.6	0.1	0.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.1
Total Del/Veh (s)	4.7	1.9	3.4

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	76.4	57.3	68.0

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.5	0.6	2.1

993: E Bay Street Performance by movement

Movement	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.5	1.9	1.6

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	28.2	12.0	18.2

996: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.6	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.1
Total Del/Veh (s)	82.2	129.1	138.7	98.1	93.8	8.0	11.8	12.3	26.0	1.7	1.8	11.9

997: E G Street Performance by movement

Movement	EBL	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.5	3.7	2.1	0.7	0.5	2.3

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.8	0.8	9.3	0.9

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.7	2.0	1.0	3.5	0.9	0.2	21.1	25.3	15.0	4.9

Total Network Performance

Denied Del/Veh (s)	35.3
Total Del/Veh (s)	86.9

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	33.7	5.2	29.0	1.5	15.7	5.8	11.8	1.2	2.4	11.9	11.8
Total Del/Veh (s)	50.0	40.6	50.5	38.3	49.3	49.3	47.8	38.7	43.5	47.3	45.6

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1
Total Del/Veh (s)	31.8	31.1	29.6	31.0	31.2	30.4	32.8	31.1	30.1	32.9	31.2

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.3	0.3	0.5	0.4	0.4	0.4	0.8	0.3	0.4	0.4	0.4
Total Del/Veh (s)	36.8	32.4	37.9	32.4	32.3	33.9	34.5	37.4	33.0	34.4	34.5

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.4	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	25.4	26.5	26.9	26.8	26.8	26.5	28.2	24.7	28.1	27.5	26.7

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2
Total Del/Veh (s)	10.5	9.5	11.3	9.9	9.8	10.3	11.7	10.0	10.0	9.8	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1
Total Del/Veh (s)	7.0	7.1	8.0	6.8	7.7	9.1	8.2	8.1	7.6	6.8	7.7

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	19.9	9.0	18.8	9.9	13.5	8.8	10.0	25.9	11.2	10.7	13.9

8: A Street & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.9	5.9	4.6	5.4	4.2	5.2	5.8	4.5	5.2	4.3	5.1

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	42.6	0.2	0.2	79.6	18.1	62.5	0.2	155.5	140.1	52.7	55.4
Total Del/Veh (s)	100.0	48.2	40.7	107.6	87.9	102.9	38.3	101.7	114.6	86.1	82.4

10: C Street & E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
Total Del/Veh (s)	27.5	25.4	28.6	25.6	26.7	27.2	27.2	28.0	26.4	24.4	26.8

11: C Street & ST Driveway Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	6.0	6.0	5.0	3.7	5.1	5.6	4.1	3.6	3.7	2.6	4.6

12: C Street & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	19.6	0.0	0.2	16.0	8.1	38.9	2.6	12.3	33.0	10.6	14.0
Total Del/Veh (s)	31.0	5.4	14.9	37.4	27.8	35.7	17.8	23.5	35.0	26.0	25.4

13: E D Street & E Dock Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.5
Total Del/Veh (s)	6.6	6.9	7.2	6.6	6.6	7.2	7.1	7.2	6.8	8.2	7.0

14: E D Street & Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.2
Total Del/Veh (s)	19.4	20.7	22.0	20.5	19.4	21.6	20.0	21.3	22.7	20.5	20.8

15: E D Street & E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.1
Total Del/Veh (s)	27.8	27.5	27.7	24.9	28.2	26.2	25.2	27.2	25.1	28.8	26.9

16: E D Street & ST Driveway Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1	0.4	0.0	0.2	0.1	0.1	0.1
Total Del/Veh (s)	7.4	3.8	5.8	3.7	5.8	8.5	7.2	5.5	5.5	7.7	6.1

17: E D Street & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.6	0.4	0.2	0.4	0.3	0.3	0.7	0.2	0.2	0.4	0.4
Total Del/Veh (s)	39.7	22.2	33.5	45.7	37.8	44.2	32.5	33.9	40.6	40.0	37.0

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.7	3.0	2.5	2.5	2.2	2.7	2.6	2.8	3.4	2.4	2.7

19: E McKinley Way & E 34th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.6	6.7	7.2	6.7	7.1	7.5	7.3	6.7	6.8	6.4	6.9

20: E E Street & Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.6	0.4	0.8	0.7	0.8	1.1	0.8	0.7	0.9	0.5	0.7
Total Del/Veh (s)	12.8	13.9	15.7	13.9	13.6	19.0	14.7	14.9	18.0	11.8	14.9

21: E F Street & Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.5	0.1	0.7	0.3	0.1	0.5	0.3	0.4	0.4	0.5	0.4
Total Del/Veh (s)	7.3	6.3	7.4	6.4	6.7	8.2	7.5	5.8	7.2	7.6	7.1

22: E G Street & Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.3	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Total Del/Veh (s)	11.5	11.4	12.3	9.9	12.3	12.9	12.8	12.4	12.4	11.1	11.9

23: E G Street & E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1
Total Del/Veh (s)	51.6	24.5	24.2	27.0	28.7	28.2	25.9	32.5	45.7	30.5	31.9

24: E L Street & Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Total Del/Veh (s)	4.2	10.6	5.0	10.6	8.1	5.0	10.0	7.2	4.7	8.3	7.4

25: E L Street & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.7	1.7	1.7	1.7	1.9	1.8	1.6	1.7	1.7	1.7

26: E Wiley Avenue & E L Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.6	5.8	6.0	5.5	5.6	5.8	6.1	5.8	5.9	5.9	5.8

27: E L Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.2	1.3	1.4	1.3	1.4	1.3	1.4	1.3	1.4	1.3	1.3

28: E L Street & E 34th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	3.1	2.9	3.3	2.8	3.0	2.9	2.9	2.9	3.0	3.0	3.0

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	245.3	193.3	21.5	484.4	184.9	125.0	104.0	87.6	60.9	210.5	172.1
Total Del/Veh (s)	58.4	59.2	22.7	81.1	79.3	48.1	42.3	46.6	35.2	72.6	53.5

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	115.2	103.5	25.6	219.4	294.0	47.9	20.1	84.9	71.8	156.6	111.2
Total Del/Veh (s)	163.2	163.1	91.9	215.7	230.3	127.8	90.1	135.4	160.1	184.6	152.5

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	5.6	2.9	1.1	21.8	3.4	1.0	2.5	2.1	4.1	12.5	5.5
Total Del/Veh (s)	69.0	66.7	49.8	87.8	76.7	58.5	54.2	61.2	60.3	80.9	66.1

32: E Portland Ave & E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	15.5	7.3	2.6	11.7	16.2	9.6	5.9	5.3	10.2	10.2	9.4
Total Del/Veh (s)	65.0	56.3	37.6	75.3	62.5	60.0	37.6	45.3	49.7	64.3	54.9

33: E Portland Ave & E 26th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	1.6	0.1	0.4	0.1	0.6	1.0	0.2	0.5	0.1	0.4	0.5
Total Del/Veh (s)	60.4	57.4	39.2	62.6	57.9	56.8	40.8	44.2	45.8	60.5	52.3

34: E Portland Ave & E 27th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	11.5	5.4	0.6	15.6	6.8	26.2	18.7	8.3	1.2	1.3	9.6
Total Del/Veh (s)	38.7	36.9	36.2	40.9	35.9	35.3	33.3	34.1	35.2	41.1	36.7

35: E Portland Ave & E 28th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.5	0.3	0.4	2.6	0.7	0.6	0.3	0.5	0.9	0.6	0.7
Total Del/Veh (s)	55.9	48.1	47.2	76.4	56.1	49.0	48.7	50.4	50.4	55.5	53.7

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	3.6	0.5	2.8	6.1	6.1	4.1	4.5	1.0	13.4	1.0	4.4
Total Del/Veh (s)	28.0	23.8	28.4	29.6	27.1	29.1	27.2	22.7	32.1	26.5	27.5

37: E R Street & E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	51.1	102.7	37.3	11.2	48.8	76.9	54.2	53.6	71.6	72.1	57.3
Total Del/Veh (s)	125.6	150.3	119.7	119.8	129.5	144.5	112.7	117.2	120.2	137.6	127.1

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	660.2	427.1	574.5	567.3	437.3	516.1	528.8	619.8	428.9	481.5	527.1
Total Del/Veh (s)	64.7	65.7	65.1	66.1	65.6	67.7	64.9	64.1	67.4	68.0	66.0

39: E S Street & E 28th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.7	0.6	0.4	1.0	0.9	0.7	0.9	0.7
Total Del/Veh (s)	102.7	105.1	101.4	105.7	100.3	104.8	99.4	102.6	99.5	107.3	102.8

40: E R Street & E 30th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	5.1	5.5	5.6	5.0	5.0	5.1	5.6	5.4	5.2	5.0	5.3

41: E R Street & E 32nd Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	4.0	3.7	4.6	4.6	3.9	4.0	4.0	3.9	4.0	4.1	4.1

43: Pioneer Way & River Road Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	72.1	222.3	248.4	5.9	118.0	393.2	202.4	15.3	113.6	227.5	162.2
Total Del/Veh (s)	72.2	111.1	132.5	44.1	89.1	160.5	116.3	48.1	112.0	113.9	98.0

45: E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	2.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3
Total Del/Veh (s)	7.7	3.4	3.3	3.6	3.3	3.5	3.4	3.5	3.4	3.6	3.9

46: Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.8	1.7	1.7	1.8	1.5	1.9	1.8	1.8	1.7	1.7

50: E Portland Ave Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	4.0	3.6	3.7	30.2	5.1	3.9	3.8	3.7	4.2	3.7	6.6

59: Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.3
Total Del/Veh (s)	0.5	0.5	0.5	1.0	0.5	0.4	0.5	0.5	1.1	0.7	0.6

80: Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.3	0.0	0.1	0.2	0.2	0.0	0.1
Total Del/Veh (s)	39.3	50.9	49.0	43.9	44.9	39.6	38.9	50.0	42.8	44.2	44.3

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.6	0.6	0.7	0.8	0.6	0.7	0.6	0.6	0.5	0.5	0.6

102: E 27th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	2.6	2.4	2.3	2.4	2.7	5.5	2.6	2.5	2.3	2.8

110: E 27th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.1	2.2	2.3	2.6	2.2	2.4	2.1	2.2	2.3	2.3	2.3

120: E R Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.1	2.5	2.2	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.3

136: E Portland Ave Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	1.5	1.2	0.6	1.2	1.6	1.1	1.1	3.1	2.6	0.9	1.5
Total Del/Veh (s)	38.6	35.8	28.2	39.5	35.2	35.8	30.3	29.8	32.6	39.3	34.4

137: Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.1	0.1
Total Del/Veh (s)	3.2	5.3	3.2	6.9	3.3	3.0	5.7	3.2	3.2	7.6	4.4

141: Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	2.2	2.3	1.8	1.7	2.2	1.9	2.1	2.1	1.9	2.0

144: E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	22.3	2.2	0.0	37.0	57.8	17.0	0.0	0.0	0.2	24.0	15.8
Total Del/Veh (s)	440.6	209.0	89.4	439.4	502.9	395.1	83.9	190.5	148.3	323.1	277.1

985: Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.3	15.6	8.9	18.8	13.0	8.0	14.5	9.0	10.4	19.9	12.5

988: E 26th Street/E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	1.0	1.9	4.0	0.7	2.0	1.4	0.6	0.7	2.7	6.5	2.1
Total Del/Veh (s)	54.5	76.6	73.2	46.9	56.9	89.3	69.2	41.9	68.1	68.9	63.7

989: Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	68.0	155.9	242.1	95.8	51.8	59.4	82.0	86.8	178.1	156.7	118.4
Total Del/Veh (s)	9.8	11.8	13.0	11.7	8.2	9.3	10.3	10.5	10.8	9.6	10.5

990: Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.1
Total Del/Veh (s)	3.8	4.7	4.2	4.4	4.0	4.5	4.1	3.9	4.3	3.9	4.2

991: E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	215.0	303.7	248.5	124.7	190.3	442.1	221.0	113.2	271.9	289.6	228.2

992: E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	8.4	6.7	0.0	0.6	71.3	0.7	0.0	15.9	26.2	9.9
Total Del/Veh (s)	129.8	169.9	128.4	81.6	106.1	220.8	118.2	100.6	152.6	156.6	130.8

993: E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	6.9	1.2	0.9	1.0	3.0	1.0	1.1	0.9	1.1	1.8

994: E 26th Street & E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	2.5	1.6	1.1	1.6	1.5	1.5	1.3	1.4	1.4	1.5

995: E Bay Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1
Total Del/Veh (s)	0.7	0.9	0.8	0.7	0.9	0.8	0.9	0.8	0.7	1.0	0.8

997: E G Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.4	3.3	3.6	2.4	2.5	5.1	2.8	4.2	4.1	2.7	3.4

998: E 25th Street Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	2.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.3
Total Del/Veh (s)	18.0	4.0	3.6	4.7	3.9	4.1	4.7	5.6	6.8	5.3	6.1

999: Puyallup Avenue Performance by run number

Run Number	10	11	12	13	14	3	4	5	6	7	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	2.0	1.8	1.8	1.6	1.9	2.0	2.0	1.8	1.9	1.5	1.8

Total Network Performance By Run

Run Number	10	11	12	13	14	3	4
Denied Del/Veh (s)	158.0	166.6	177.7	171.7	154.1	195.0	149.1
Total Del/Veh (s)	209.5	205.1	190.4	210.5	213.6	227.7	190.4

Total Network Performance By Run

Run Number	5	6	7	Avg
Denied Del/Veh (s)	139.5	154.6	180.1	164.8
Total Del/Veh (s)	176.7	211.6	219.8	205.8

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	46.9	40.4	42.7	1.1	0.2	1.0	0.0	0.0	0.0	0.0	10.5	8.7
Total Del/Veh (s)	64.7	81.0	68.2	48.7	25.4	12.9	48.9	44.6	31.5	33.5	68.7	42.5

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	10.3	11.8
Total Del/Veh (s)	40.3	45.6

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	47.5	28.5	7.3	37.2	23.2	11.3	37.4	36.5	36.7	36.6	28.0	31.2

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.4	0.5	0.3	0.0	0.4	0.0	0.1	0.0	0.4	0.1	0.4	0.5
Total Del/Veh (s)	38.3	30.7	10.9	60.9	66.2	70.2	29.7	33.5	36.1	32.1	35.2	32.7

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	34.5

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.0	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	41.6	42.5	6.9	35.6	34.2	31.9	44.5	21.8	15.2	23.2	16.9	7.2

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	26.7

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.4	0.3	0.1	0.1	0.1	3.4	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	19.1	17.0	11.6	23.9	21.3	14.7	13.0	12.5	5.0	13.1	6.2	9.1

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	0.0	0.2	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	13.5	12.1	2.2	1.7	9.4	6.1	4.4	32.6	18.7	4.1	43.6	39.0

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	0.1	0.1
Total Del/Veh (s)	21.8	7.7

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.3	8.1	21.5	10.1	40.0	40.0	0.9	15.7	13.9

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.2	3.7	10.7	4.1	33.7	10.0	5.1

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.2	0.0	180.1	175.1	55.4
Total Del/Veh (s)	17.6	0.7	336.5	207.3	82.4

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	23.5	24.1	14.2	22.3	16.8	34.0	33.1	17.0	39.2	33.8	17.6	26.8

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.3	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.9	28.7	4.9	2.4	1.6	4.6

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.0	751.6	977.0	0.0	0.0	14.0
Total Del/Veh (s)	19.9	33.3	13.7	2.4	2.1	934.2	638.9	1.7	11.0	25.4

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.8	0.3	0.0	0.0	1.2	3.1	0.5
Total Del/Veh (s)	24.4	6.1	10.2	3.8	4.0	2.0	7.0

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.6	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	39.8	16.6	7.6	28.3	20.9	7.6	24.6	19.7	15.2	38.1	37.0	10.8

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	20.8

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1
Total Del/Veh (s)	44.4	42.3	29.7	26.6	22.0	11.3	38.4	30.9	21.8	26.9

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.1
Total Del/Veh (s)	5.1	8.6	1.5	0.5	6.1

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.3	0.7	0.8	1.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	136.6	33.6	30.3	16.1	11.2	8.7	46.5	30.0	11.6	24.3	26.6	20.8

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	37.0

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Total Del/Veh (s)	5.9	4.3	9.6	8.1	6.1	0.2	0.1	3.1	1.7	2.7

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	10.7	9.0	9.8	5.6	7.1	3.5	5.8	7.1	3.9	6.5	4.4	5.4

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	6.9

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.0	0.0	0.4	0.1	0.1	3.4	3.0	2.9	0.1	0.1	0.1
Total Del/Veh (s)	15.0	6.7	4.1	14.8	12.7	4.1	33.7	36.7	25.7	28.8	25.4	7.9

20: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.7
Total Del/Veh (s)	14.9

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.3	0.1	0.1	0.0	4.9	4.0	0.4
Total Del/Veh (s)	10.3	5.8	3.6	17.6	16.7	6.0	23.7	13.0	7.1

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.2	0.6	0.0	0.1	0.4	0.0	0.1	0.1	0.2
Total Del/Veh (s)	9.4	6.1	17.1	7.8	32.7	14.0	9.7	35.5	11.9

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1		0.1	0.0	0.0	0.0	0.2	0.1
Total Del/Veh (s)	34.7	28.2	20.0	148.4		105.5	19.9	13.1	24.5	20.6	31.9

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.3	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	7.1	2.9	2.2	11.8	1.4	0.7	79.5	0.3	62.9	41.1	51.5	13.7

24: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.4

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.1	6.1	3.4	6.3	5.8	4.1	4.4	1.7	1.7	2.2	0.8	0.7

25: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.7

26: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.1	0.3	2.6	5.1	6.7	2.9	5.6	6.0	3.9	5.8

27: E L Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.3	4.4	1.7	1.3

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	0.0
Total Del/Veh (s)	8.6	3.2	6.4	7.4	4.3	2.5	0.2	0.1	1.7	1.8	3.0

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	242.7	263.2	172.1
Total Del/Veh (s)	25.7	1.1	73.1	85.4	53.5

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	500.5	429.6	0.0	0.0	111.2
Total Del/Veh (s)	123.8	595.6	7.9	99.7	152.5

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	3.4	11.5	11.9	5.1	3.3	4.9	0.0	0.0	10.7	5.3	2.6	5.5
Total Del/Veh (s)	61.1	46.7	40.1	79.6	27.7	5.3	30.9	2.2	92.2	159.9	8.8	66.1

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	373.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	9.4
Total Del/Veh (s)	1032.7	15.7	1102.5	0.8	1.1	1.9	43.8	43.4	54.9

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	1.4	0.5	0.7	0.0	0.5
Total Del/Veh (s)	83.4	1.5	10.9	214.6	1.0	1.0	53.8	75.0	57.4	52.3

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.0	0.4	0.2	0.3	16.9	24.1	9.6
Total Del/Veh (s)	53.5	25.6	8.5	41.3	23.4	43.5	12.4	36.7

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.2	0.0	0.1	1.0	1.3	1.3	0.4	0.7
Total Del/Veh (s)	45.2	53.8	8.7	78.0	35.6	96.8	25.2	53.7

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.1	0.0	16.2	11.7	11.9	0.0	0.0	0.0
Total Del/Veh (s)	18.5	17.2	9.8	28.2	11.8	10.5	28.9	39.6	43.5	34.5	15.4	13.4

36: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	4.4
Total Del/Veh (s)	27.5

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	130.6	0.0	0.8	57.3
Total Del/Veh (s)	238.5	153.7	38.1	127.1

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	819.7	828.4	0.0		1.2	0.1	527.1
Total Del/Veh (s)	122.3	41.5	91.2		30.2	6.8	66.0

39: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.8	1.2	2.3	0.3	0.7	0.9	0.0	0.0	0.7
Total Del/Veh (s)	137.5	161.4	140.4	40.2	61.7	58.9	101.5	99.1	102.8

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	6.5	4.2	5.0	5.7	4.9	0.5	3.6	6.3	3.5	5.3

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.0	0.0	2.0	0.4	0.3	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	4.5	1.5	0.9	3.4	1.5	0.9	14.6	12.4	7.4	11.6	12.7	7.3

41: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	4.1

43: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	435.4	187.9	167.9	162.2
Total Del/Veh (s)	17.6	22.9	219.2	212.5	153.0	98.0

45: E 25th Street Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.8	0.3
Total Del/Veh (s)	3.1	2.4	5.6	3.9

46: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.0
Total Del/Veh (s)	0.6	7.4	1.9	7.8	1.7

50: E Portland Ave Performance by movement

Movement	EBL	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.2	1.1	0.3	0.0	0.1
Total Del/Veh (s)	66.3	39.9	6.7	32.0	7.7	7.5	14.0	3.4	6.6

59: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.4	0.3
Total Del/Veh (s)	0.4	0.7	0.6

80: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.1	0.3	0.1	0.1
Total Del/Veh (s)	42.1	29.5	515.5	44.3

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.2	0.4	0.6

102: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.5	1.6	5.2	2.8

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	2.4	1.7	2.3

120: E R Street Performance by movement

Movement	EBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	3.3	2.2	1.5	2.3

136: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	2.3	2.0	1.5
Total Del/Veh (s)	3.9	2.8	1.3	35.6	46.1	34.4

137: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.8	4.3	9.7	4.1	0.0	15.3	4.4

141: Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.0	2.0

144: E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	All
Denied Del/Veh (s)	22.5	32.0	0.0	0.0	0.0	15.8
Total Del/Veh (s)	766.3	569.4	0.3	0.1	0.0	277.1

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.9	8.7	16.6	26.5	12.5

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)		0.0	5.6	2.1
Total Del/Veh (s)		50.8	85.1	63.7

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	206.9	118.4
Total Del/Veh (s)	9.4	11.5	10.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.1
Total Del/Veh (s)	4.8	3.5	4.2

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	257.1	191.6	228.2

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	13.3	6.9	9.9
Total Del/Veh (s)	246.8	24.1	130.8

993: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	2.5	1.0	1.8

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	4.1	0.9	0.8	0.2	0.5	3.7	7.1	4.2	1.5

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1
Total Del/Veh (s)	1.5	1.4	0.6	0.8

997: E G Street Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.3	5.0	1.7	0.7	3.4

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	1.2	0.3
Total Del/Veh (s)	0.8	2.2	16.2	6.1

999: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	1.0	0.7	3.2	1.0	0.9	5.0	19.1	19.8	1.8

Total Network Performance

Denied Del/Veh (s)	164.8
Total Del/Veh (s)	205.8

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.7	0.7	0.9	1.0	0.3	0.9	0.0	0.1	0.0	0.0	3.7	1.0
Total Del/Veh (s)	37.9	40.6	23.9	47.1	27.7	16.1	42.0	46.4	27.3	33.0	51.6	24.2

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.7	0.6
Total Del/Veh (s)	10.7	32.2

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	3.9	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.1
Total Del/Veh (s)	31.5	28.4	5.9	43.9	18.9	8.4	44.3	42.6	33.4	26.2	16.5	33.9

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.5	0.6	0.2	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0
Total Del/Veh (s)	32.9	27.8	5.0	22.3	10.5	16.2	19.4	28.3	35.4	20.0	17.1	12.7

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	23.4

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.8	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	37.0	30.9	3.7	35.7	24.8	17.3	31.0	25.9	25.4	20.1	9.0	3.7

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.6
Total Del/Veh (s)	23.9

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	2.9	0.2	0.3	0.0	0.0	0.0
Total Del/Veh (s)	16.0	14.0	6.3	16.7	15.1	8.9	9.4	8.2	3.7	10.9	3.2	4.6

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	7.6

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.2	0.1	0.1
Total Del/Veh (s)	8.2	2.9	2.1	10.7	6.3	5.2	42.5	48.7	5.8	50.3	7.5	5.8

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.1	8.1	23.2	8.8	35.0	0.4	4.4	9.9

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	5.2	2.7	13.0	13.6	2.5	25.2	6.8	4.5

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	385.9	387.9	183.8
Total Del/Veh (s)	1.3	0.4	304.8	143.6	85.6

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	24.9	23.8	18.5	20.2	6.6	5.3	22.2	20.5	14.1	28.2	16.0	6.5

10: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	20.4

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	3.3	0.0	0.2	0.4	0.0	0.0	0.0	0.3
Total Del/Veh (s)	2.4	63.2	8.6	12.5	9.3	28.8	1.0	1.6	12.2

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBU	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.5	0.9	0.3	7.7	1.7	2.1	69.3	19.8	56.1	42.3	11.2	2.8

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.6	0.4	0.0	0.0	0.6	3.2	0.4
Total Del/Veh (s)	27.9	6.3	7.3	4.6	3.8	1.6	6.7

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.7	2.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.2	0.3
Total Del/Veh (s)	26.1	16.2	8.3	29.4	16.0	4.1	23.9	18.8	16.8	45.2	33.3	4.7

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	19.8

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	22.6	23.7	19.4	18.0	21.3	13.5	36.6	22.5	10.0	21.4

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.8	13.2	1.9	0.6	11.3

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	19.4	9.4	7.1	19.4	6.6	5.5	34.2	33.5	24.3	23.0	9.5	6.4

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	14.0

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.7	8.3	2.2	5.7	0.7	0.5	3.5	0.9	0.8	1.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.4	0.4	0.0	0.0	0.0
Total Del/Veh (s)	8.3	7.9	5.8	5.9	6.7	3.6	7.2	8.6	5.8	4.8	4.1	3.6

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.0

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	7.5	10.3	6.5	4.9	9.5	13.0	2.7	0.7	38.0	10.0	4.6	5.1

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.1	0.2	0.2	0.3	0.0	1.6	2.9	0.1	0.1
Total Del/Veh (s)	7.6	3.8	2.4	6.4	10.9	2.9	28.3	10.2	25.1	4.4

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.1	0.1
Total Del/Veh (s)	19.5	13.3	8.0	15.8	9.9	4.7	22.6	8.6	11.3	4.0	12.5

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.2	0.6
Total Del/Veh (s)	28.5	19.3	7.9	25.1	0.5	10.6	21.1	18.2	45.9	22.3	20.0

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.2	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	6.0	1.5	1.1	14.2	5.9	5.5	62.7	0.2	47.5	31.2	10.0	9.6

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.1	6.1	3.3	3.8	3.5	1.8	1.7	2.9	0.5	0.3	1.7

26: E Wiley Avenue/S 27th Street & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.2	0.4	2.2	5.2	6.0	3.1	6.3	5.0	3.7	5.3

27: E L Street & S 28th Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	0.8	8.4	1.5	1.6

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	8.7	3.8	5.6	7.9	3.9	2.0	0.3	0.7	0.8	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	5.8	1.2	0.3	0.3	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.0	0.1
Total Del/Veh (s)	19.9	5.3	4.8	3.6	5.5

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.9	0.3	3.6	0.2	3.6	0.1	0.4	0.2	0.0	0.0	0.5
Total Del/Veh (s)	45.2	34.5	2.1	47.6	24.7	9.0	27.3	17.6	26.9	14.4	1.9	23.8

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	0.3	7.9	11.3	40.8	6.7	7.0	2.0	0.7	2.0	2.3	2.0	4.7

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Total Del/Veh (s)	64.4	21.2	13.4	3.9	17.6	4.8	1.4	1.0	18.1	0.7	0.7	5.5

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.5	0.3	0.2
Total Del/Veh (s)	23.5	15.3	18.0	48.1	14.1	9.7	3.1	15.3

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	31.3	29.9	2.1	32.2	21.0	39.1	6.1	24.0

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	2.1	3.8	4.0	0.2	0.0	0.0	2.7
Total Del/Veh (s)	22.9	3.3	24.6	0.1	15.7	8.8	15.2	15.7	16.1	2.0	1.3	12.8

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	9.4	2.4	9.6	9.0

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.5	0.0		0.7	0.1	0.5
Total Del/Veh (s)	15.2	17.8	30.4		12.0	1.9	14.4

39: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.5	22.2	1.2	38.1	36.7	24.0

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	5.1	3.2	4.7	5.4	0.1	3.2	4.5

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.4	0.8	0.5	0.3	6.3	4.2	6.1	3.4	3.1

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.1	3.7	10.0	13.7	4.6
Total Del/Veh (s)	17.5	11.6	56.5	55.6	41.5	43.3

44: E G Street Performance by movement

Movement	EBL	WBL	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	5.3	4.9	0.0	0.1	0.1	0.2	0.0	1.5
Total Del/Veh (s)	13.8	44.1	8.8	3.6	2.3	7.3	5.0	2.1	12.6

45: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.0	0.3	0.1	0.1	0.1
Total Del/Veh (s)	0.6	7.0	1.4	7.6	1.4

46: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	1.0	0.0	0.1
Total Del/Veh (s)	4.6	2.0	0.9	14.8	1.4	1.9

47: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	12.1	2.3	1.0	0.9	4.1	3.0	10.4	1.0	2.5

48: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.4	1.9	5.5	2.6

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.0	0.5	0.9

137: S 27th Street Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	0.1	0.1

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	2.9	4.1	7.7	4.0

986: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.5	0.8	2.1

987: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.1	0.2

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	2.6	1.8
Total Del/Veh (s)	0.3	0.8	22.6	15.9

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.6	0.1	0.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.0
Total Del/Veh (s)	4.7	1.9	3.4

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	77.5	60.1	69.7

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.4	0.6	2.1

993: E Bay Street Performance by movement

Movement	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.5	1.7	1.4

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	36.7	13.9	22.9

996: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.0	0.1
Total Del/Veh (s)	104.3	82.8	127.9	102.0	87.6	9.6	12.0	13.7	28.3	1.6	1.5	12.1

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Del/Veh (s)	0.7	0.6	6.4	0.8

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	5.5	1.9	1.2	4.0	0.9	0.2	20.2	20.0	15.2	4.8

Total Network Performance

Denied Del/Veh (s)	24.7
Total Del/Veh (s)	86.1

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.9	1.7	21.4	1.3	5.6	6.2	0.9	1.3	1.4	1.1	4.2
Total Del/Veh (s)	39.9	42.7	48.4	43.1	44.9	43.3	39.8	38.9	41.3	35.3	41.7

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	34.8	39.2	35.1	34.6	33.9	37.3	30.2	31.6	34.8	32.6	34.5

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.6	0.3	0.6	0.6	0.8	0.4	0.3	0.3	0.3	0.5
Total Del/Veh (s)	33.2	39.6	33.8	34.7	34.9	38.4	34.0	32.1	33.1	31.2	34.5

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4
Total Del/Veh (s)	25.1	26.3	26.0	27.1	25.2	26.1	26.8	25.2	26.6	27.1	26.2

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Total Del/Veh (s)	9.2	11.2	11.8	10.6	10.4	10.6	10.6	10.4	9.8	9.4	10.4

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.7	0.1	0.1	0.6	0.7	0.2	0.3	0.6	0.1	0.4
Total Del/Veh (s)	8.8	15.9	8.0	9.5	12.8	11.5	6.7	13.1	12.4	9.4	10.9

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.1	9.0	8.7	10.6	8.8	8.9	10.8	10.3	9.6	9.3	9.6

8: A Street & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.1	4.5	4.7	6.4	5.6	4.8	5.6	4.1	5.3	5.4	5.1

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	16.4	17.6	13.3	34.5	23.9	18.2	24.8	23.3	21.0	37.5	23.1

10: C Street & E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1
Total Del/Veh (s)	26.1	25.3	26.5	26.1	33.0	26.7	27.0	24.1	26.4	25.6	26.6

11: C Street & ST Driveway Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	4.1	5.0	4.4	3.9	6.3	5.5	4.8	4.3	4.2	5.1	4.8

12: C Street & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Total Del/Veh (s)	7.3	5.9	6.2	5.6	8.5	7.3	4.6	4.5	6.0	7.5	6.4

13: E D Street & E Dock Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.5	0.5
Total Del/Veh (s)	7.3	7.0	6.4	6.9	7.5	7.0	7.6	6.8	6.4	7.0	7.0

14: E D Street & Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Total Del/Veh (s)	21.4	21.3	18.2	19.2	21.8	18.7	20.0	18.6	21.1	21.2	20.1

15: E D Street & E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.2	0.0	0.0	0.1
Total Del/Veh (s)	34.6	35.2	30.1	31.1	33.5	33.5	30.1	32.8	35.0	31.3	32.7

16: E D Street & ST Driveway Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	1.6	2.4	2.0	1.6	2.1	1.9	1.3	1.6	2.4	1.9

17: E D Street & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2
Total Del/Veh (s)	12.4	11.8	10.5	13.5	11.4	12.8	12.7	12.8	12.3	11.2	12.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.6	2.5	2.6	2.7	3.0	2.5	2.7	2.5	2.8	2.4	2.6

19: E McKinley Way & E 34th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.1	7.9	6.8	7.4	7.0	7.4	7.2	7.6	6.3	7.0	7.2

20: E E Street & Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.9	0.9	0.8	1.2	0.5	0.8	0.9	0.7	1.3	0.7	0.9
Total Del/Veh (s)	14.9	14.7	12.8	13.3	14.6	12.8	13.8	15.3	17.6	14.9	14.5

21: E F Street & Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.4	0.3	0.2	0.8	0.4	0.3	0.3	0.7	0.6	0.5
Total Del/Veh (s)	8.3	6.9	6.9	6.5	8.7	8.6	7.7	7.6	10.3	7.4	7.9

22: E G Street & Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.2	0.5	0.3	0.4	0.9	0.3	0.6	0.4	0.4
Total Del/Veh (s)	15.9	13.7	15.8	13.7	17.2	17.9	19.2	15.4	16.1	15.7	16.0

23: E G Street & E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.3	0.3	0.2	0.2	0.2	0.1	0.3	0.3	0.4	0.3
Total Del/Veh (s)	28.4	32.7	32.0	32.3	30.9	30.1	31.7	29.9	30.9	29.7	30.9

24: E L Street & Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	2.1	4.8	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.8
Total Del/Veh (s)	5.0	21.7	32.6	7.7	10.1	4.8	5.3	7.8	5.5	6.0	10.7

25: E L Street & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.7	2.5	1.8	1.6	1.7	1.7	1.7	1.4	1.7	1.8

26: E Wiley Avenue & E L Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.6	5.8	5.9	6.0	6.1	5.6	5.9	6.1	6.1	5.9	5.9

27: E L Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.4	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3

28: E L Street & E 34th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.9	3.2	3.0	3.4	3.0	3.5	2.9	3.0	2.9	2.9	3.1

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	377.2	449.9	0.9	174.6	241.9	41.4	41.1	5.2	75.6	142.5
Total Del/Veh (s)	5.9	84.3	74.2	8.7	53.9	78.5	39.3	24.7	12.9	32.9	38.9

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	8.8	163.0	153.2	1.4	67.1	201.2	50.0	5.8	3.2	15.0	62.1
Total Del/Veh (s)	58.6	217.8	197.3	36.6	119.4	207.3	102.8	58.5	43.5	76.5	103.4

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	1.2	9.9	65.6	0.7	10.4	3.3	1.7	4.7	0.7	1.9	9.4
Total Del/Veh (s)	41.6	89.9	97.8	37.0	67.5	70.2	48.9	43.6	35.5	46.2	56.6

32: E Portland Ave & E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	5.5	15.6	10.2	2.2	3.3	6.3	3.3	1.5	0.8	6.6	5.3
Total Del/Veh (s)	33.4	67.0	62.9	24.1	40.0	57.7	34.6	27.8	21.9	40.2	40.0

33: E Portland Ave & E 26th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	4.8	0.2	0.1	0.2	0.1	0.3	0.1	0.0	0.0	0.6
Total Del/Veh (s)	30.5	52.8	52.0	24.1	33.0	50.0	28.7	25.6	19.9	32.8	34.3

34: E Portland Ave & E 27th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	22.9	23.6	1.3	4.3	1.1	10.7	3.4	0.7	3.7	17.8	8.9
Total Del/Veh (s)	36.6	39.2	52.7	32.6	41.4	38.7	30.7	34.5	35.1	33.9	37.4

35: E Portland Ave & E 28th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.6	0.3	0.6	0.2	0.8	0.3	0.3	3.0	0.5	0.7
Total Del/Veh (s)	40.9	54.2	56.2	49.6	43.5	53.8	40.3	41.1	57.1	45.9	48.1

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.9	0.7	3.2	2.0	8.9	1.9	0.2	3.7	3.1	29.0	5.5
Total Del/Veh (s)	24.2	21.6	29.3	27.4	28.9	23.5	18.5	25.2	25.5	29.5	25.5

37: E R Street & E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	53.1	31.6	38.0	62.3	62.6	61.3	43.2	57.7	56.9	42.9	51.3
Total Del/Veh (s)	125.7	113.1	128.0	109.9	112.8	126.5	151.9	133.9	138.4	119.3	125.2

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	733.3	534.5	536.3	577.5	580.0	667.3	653.5	622.9	594.3	632.8	613.8
Total Del/Veh (s)	66.8	62.5	66.4	65.1	65.6	66.8	72.2	66.4	67.9	64.2	66.3

39: E S Street & E 28th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.7	0.4	0.8	0.8	0.7	0.7	0.6	0.4	0.8	0.5	0.7
Total Del/Veh (s)	98.6	100.3	102.7	99.9	100.1	101.6	102.4	94.2	97.0	96.1	99.3

40: E R Street & E 30th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	5.2	5.0	5.4	5.6	5.0	5.2	5.2	5.1	5.2	5.2	5.2

41: E R Street & E 32nd Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	4.2	3.7	3.9	4.3	3.8	3.7	3.2	4.2	3.8	4.5	3.9

43: Pioneer Way & River Road Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	36.8	3.2	22.9	284.6	6.4	47.0	65.6	406.3	331.8	211.9	141.3
Total Del/Veh (s)	55.7	63.5	71.6	129.4	41.3	62.5	90.9	139.8	136.7	110.4	88.1

49: E 27th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	2.3	2.5	1.6	3.3	1.8	1.5	1.9	1.9	2.2	2.1

50: E Portland Ave Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	4.2	3.3	4.5	6.8	4.0	4.9	3.8	3.5	8.8	9.5	5.4

59: Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.6	3.6	0.3	0.4	0.3	0.4	0.4	0.3	0.4	0.7
Total Del/Veh (s)	0.5	2.0	4.1	0.4	0.6	0.8	0.5	0.4	0.7	0.4	1.1

80: Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.4	0.0	0.1	0.0	0.2	0.1	0.1	0.1
Total Del/Veh (s)	46.8	39.3	37.4	61.6	53.9	48.4	43.4	49.0	47.1	48.3	47.4

96: Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.9	3.3	1.6	1.5	1.9	1.8	1.9	1.7	1.8	1.9

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.7	0.8	0.6	0.5	0.6	0.7	0.5	0.5	0.6	0.6

110: E 27th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	2.2	2.4	2.1	2.4	2.1	2.2	2.3	2.2	2.3	2.2

120: E R Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.1	2.3	2.6	2.3	2.2	2.1	2.2	2.3	2.2	2.3	2.3

136: E Portland Ave Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.6	2.5	6.7	0.8	0.4	1.9	0.9	0.6	0.5	0.9	1.5
Total Del/Veh (s)	29.8	38.5	40.4	23.1	29.2	37.5	26.9	25.6	22.3	30.7	30.0

137: Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	1.3	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	3.7	11.6	17.5	3.4	8.2	3.4	3.5	3.5	3.3	3.3	6.1

141: Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.0	1.6	1.9	1.6	2.2	1.7	1.8	1.7	2.0	1.9	1.9

144: E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	1.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
Total Del/Veh (s)	34.6	165.5	228.1	0.9	82.8	77.2	0.9	3.9	1.1	10.7	59.2

985: Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.9	0.0	0.6	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
Total Del/Veh (s)	11.0	21.6	27.0	8.3	19.6	10.9	9.5	11.0	7.8	8.2	13.5

988: E 26th Street/E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.9	0.3	3.7	0.4	0.7	0.7	5.1	4.1	1.3	1.7
Total Del/Veh (s)	48.5	57.7	58.0	74.5	48.4	50.0	65.5	82.5	84.0	70.7	63.3

989: Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	95.0	107.4	73.9	379.4	171.7	111.3	106.8	96.4	138.2	182.3	146.9
Total Del/Veh (s)	11.8	8.0	9.6	22.1	12.3	12.3	15.3	9.8	13.9	13.3	12.7

990: Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.2	0.0	0.1	0.4	0.1	0.1	0.0	0.1
Total Del/Veh (s)	5.0	4.0	4.0	5.4	4.0	4.1	5.9	4.0	4.8	4.3	4.5

991: E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	124.7	211.0	201.2	208.7	134.0	152.1	224.5	362.2	345.2	282.2	214.7

992: E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	7.9	0.0	9.9	0.0	8.2	2.8	0.0	2.7	3.1
Total Del/Veh (s)	106.2	104.5	125.7	100.9	109.2	109.9	149.2	198.6	163.4	152.5	127.3

993: E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	0.8	0.8	1.4	2.0	3.1	8.4	2.0	2.9	3.1	2.7

994: E 26th Street & E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	1.4	1.3	1.5	1.3	1.5	1.5	3.4	1.6	1.6	2.5	1.8

995: E Bay Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.8	1.0	0.8	0.8	0.8	0.9	0.8	0.6	1.0	0.8

997: E G Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	383.5	339.7	275.8	169.0	357.4	269.2	346.9	274.4	303.5	242.0	297.6
Total Del/Veh (s)	47.2	51.3	44.9	46.3	45.5	42.5	50.3	47.5	45.4	48.6	47.0

998: E 25th Street Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.6	2.6	3.4	3.2	2.9	3.2	3.5	3.3	3.2	3.4	3.2

999: Puyallup Avenue Performance by run number

Run Number	1	11	12	13	3	4	6	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	1.9	2.8	1.9	2.1	2.1	1.9	1.6	1.8	1.9	2.1	2.0

Total Network Performance By Run

Run Number	1	11	12	13	3	4	6
Denied Del/Veh (s)	162.2	172.8	179.4	204.2	162.4	179.2	157.9
Total Del/Veh (s)	156.8	203.1	207.5	179.5	175.8	189.8	173.5

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	209.2	194.0	191.1	181.3
Total Del/Veh (s)	182.5	180.8	185.2	183.8

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	28.2	14.4	16.2	1.0	0.2	1.0	0.0	0.1	0.0	0.0	3.5	1.4
Total Del/Veh (s)	62.2	76.1	59.2	46.0	24.5	12.5	32.6	47.0	31.2	32.6	59.1	27.4

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.6	4.2
Total Del/Veh (s)	16.3	41.7

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	3.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	32.0	28.1	8.2	51.0	26.2	9.9	39.1	38.7	39.0	39.2	35.2	34.5

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.3	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.4
Total Del/Veh (s)	38.2	30.0	10.7	48.0	47.5	47.3	28.0	33.9	36.5	34.0	40.3	39.8

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	34.5

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.9	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	41.5	42.5	6.7	33.4	33.2	29.9	40.6	23.1	16.0	23.4	16.1	7.0

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	26.2

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.4	0.3	0.1	0.1	0.1	3.3	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	17.6	16.6	12.0	22.9	20.4	13.3	12.8	13.1	4.9	12.9	6.3	8.4

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	10.4

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	0.0	0.1	0.0	0.2	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	22.2	14.1	2.0	2.0	14.0	11.9	14.2	25.7	25.1	4.1	39.3	37.0

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	0.2	0.4
Total Del/Veh (s)	22.8	10.9

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.7	7.3	16.4	4.7	47.9	44.7	0.5	5.3	9.6

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.1	3.6	10.2	4.1	30.4	11.4	5.1

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.6	0.7	0.2
Total Del/Veh (s)	0.9	0.6	127.9	30.2	23.1

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.1	0.0	0.1
Total Del/Veh (s)	16.9	20.9	11.2	22.0	18.7	33.8	31.4	15.1	35.6	36.8	23.8	26.6

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.4	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.2	32.6	4.8	3.7	1.8	4.8

12: C Street & E 26th Street Performance by movement

Movement	EBU	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	8.5	8.9	1.2	0.3	1.8	1.2	45.4	20.3	50.0	76.8	32.7	6.4

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	4.0	0.2	0.0	0.0	1.1	2.9	0.5
Total Del/Veh (s)	20.6	5.9	10.4	3.9	3.6	2.0	7.0

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.8	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	38.1	16.3	5.7	26.8	19.9	5.9	22.3	20.2	12.0	39.0	35.4	10.4

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	20.1

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	47.9	46.8	28.3	25.8	21.9	10.6	32.5	30.9	24.3	32.7

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	3.5	3.0	1.2	0.6	1.9

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.4	0.0	1.0	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	22.3	9.8	7.0	17.2	7.4	5.9	42.8	28.8	9.1	11.9	18.6	13.3

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	12.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Total Del/Veh (s)	6.1	4.7	9.8	7.5	6.2	0.2	0.1	2.9	1.5	2.6

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	11.6	9.5	10.2	6.8	7.0	3.4	6.3	7.1	4.1	6.7	4.5	5.4

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	7.2

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.0	0.5	0.1	0.0	4.0	2.4	4.7	0.1	0.1	0.2
Total Del/Veh (s)	19.3	8.3	6.6	14.8	11.4	4.3	32.8	32.5	25.5	24.0	28.9	7.8

20: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.9
Total Del/Veh (s)	14.5

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1	0.0	5.9	5.2	0.5
Total Del/Veh (s)	11.0	7.5	6.2	25.0	18.1	5.7	27.7	15.1	7.9

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.8	1.2	0.1	0.1	0.5	0.0	0.1	0.1	0.4
Total Del/Veh (s)	14.1	15.6	29.7	6.7	36.9	18.0	11.4	51.1	16.0

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1		0.2	0.0	0.0	0.0	0.9	0.3
Total Del/Veh (s)	32.4	23.6	15.0	35.6		22.5	40.2	33.1	46.1	28.7	30.9

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	1.7	2.7	0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.1
Total Del/Veh (s)	7.9	5.1	3.7	13.0	1.6	1.1	108.4	4.6	94.8	78.3	63.5	41.8

24: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.8
Total Del/Veh (s)	10.7

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.7	6.7	3.5	6.2	6.9	4.8	3.9	1.9	1.6	2.6	0.8	0.8

25: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.8

26: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.5	0.1	3.1	5.7	6.5	2.4	5.7	6.2	4.2	5.9

27: E L Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.6	0.2	4.1	1.7	1.3

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	8.8	3.7	6.6	9.0	3.5	2.5	0.2	0.1	1.7	1.6	3.1

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	203.7	206.6	142.5
Total Del/Veh (s)	21.2	1.1	52.8	56.7	38.9

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	281.1	246.5	0.0	0.0	62.1
Total Del/Veh (s)	60.5	347.1	6.5	71.3	103.4

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	9.7	11.3	11.5	18.3	14.7	18.8	0.0	0.0	8.7	4.4	5.2	9.4
Total Del/Veh (s)	56.4	43.9	35.4	79.3	26.3	5.6	30.9	2.5	66.5	119.9	5.7	56.6

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	108.7	0.0	0.0	0.0	0.0	0.0	0.4	0.3	5.3
Total Del/Veh (s)	367.5	13.4	15.1	0.7	1.2	1.9	34.4	39.0	40.0

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	21.7	1.8	1.2	0.3	0.2	0.0	0.6
Total Del/Veh (s)	80.0	0.9	10.0	247.9	1.2	0.9	31.8	46.8	34.1	34.3

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.4	0.3	0.4	0.2	0.4	16.3	15.3	8.9
Total Del/Veh (s)	62.9	27.0	10.8	47.0	26.8	39.7	12.7	37.4

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.1	0.2	1.0	2.2	0.8	0.3	0.7
Total Del/Veh (s)	45.0	47.4	8.9	72.6	27.2	86.3	20.9	48.1

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.1	0.0	15.7	15.0	15.0	0.1	0.0	0.0
Total Del/Veh (s)	18.6	18.7	10.4	27.1	13.8	9.9	29.3	35.5	38.0	32.8	15.3	12.5

36: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	5.5
Total Del/Veh (s)	25.5

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	120.5	0.0	0.3	51.3
Total Del/Veh (s)	236.5	157.5	40.4	125.2

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	958.3	975.4	0.0		0.8	0.1	613.8
Total Del/Veh (s)	130.7	39.3	88.1		29.3	6.3	66.3

39: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.7	3.0	3.6	0.3	1.0	0.7	0.0	0.0	0.7
Total Del/Veh (s)	130.7	148.4	124.9	40.9	60.6	59.4	100.7	99.5	99.3

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	6.8	4.2	4.8	5.3	5.0	0.3	3.5	5.9	3.6	5.2

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	2.2	0.4	0.6	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	4.5	1.5	1.0	4.0	1.5	1.5	13.7	11.7	6.8	11.1	13.8	6.8

41: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	3.9

43: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	350.2	215.4	240.6	141.3
Total Del/Veh (s)	17.8	22.8	190.2	178.9	117.7	88.1

49: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	1.7	1.3	4.7	2.1

50: E Portland Ave Performance by movement

Movement	EBL	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
Total Del/Veh (s)	50.5	45.8	3.0	22.8	5.8	6.7	13.3	3.6	5.4

59: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.9	0.7
Total Del/Veh (s)	0.6	1.2	1.1

80: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.1
Total Del/Veh (s)	44.3	31.4	565.8	47.4

96: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.0
Total Del/Veh (s)	0.9	7.5	1.9	9.4	1.9

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.3	0.4	0.6

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	2.3	1.8	2.2

120: E R Street Performance by movement

Movement	EBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	3.3	2.2	1.4	2.3

136: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	2.7	2.0	1.5
Total Del/Veh (s)	4.3	2.9	1.4	32.5	39.3	30.0

137: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.5	2.3	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	5.8	2.9	11.1	4.9	2.8	46.4	6.1

141: Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	1.9	1.9

144: E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	All
Denied Del/Veh (s)	0.1	3.8	0.0	0.0	0.0	1.9
Total Del/Veh (s)	96.9	118.6	0.2	0.1	0.0	59.2

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.2	0.0		0.7	0.2
Total Del/Veh (s)	13.0	8.9		26.6	13.5

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)		0.0	4.3	1.7
Total Del/Veh (s)		53.4	78.8	63.3

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	257.1	146.9
Total Del/Veh (s)	13.0	12.4	12.7

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	4.9	4.1	4.5

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	241.3	181.2	214.7

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	4.1	2.3	3.1
Total Del/Veh (s)	238.1	23.6	127.3

993: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.2	4.1	1.0	2.7

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	2.5	1.2	1.4	0.2	0.5	4.5	7.1	4.5	1.8

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	1.3	1.4	0.6	0.8

997: E G Street Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	8.0	5.3	1070.2	1084.7	0.0	0.0	0.0	0.3	0.2	0.3	297.6
Total Del/Veh (s)	62.2	57.4	257.2	58.9	9.3	8.1	1.8	13.4	12.8	7.2	47.0

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1
Total Del/Veh (s)	0.4	0.5	5.8	3.2

999: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	1.0	0.8	3.3	1.2	1.8	5.1	24.0	20.5	2.0

Total Network Performance

Denied Del/Veh (s)	181.3
Total Del/Veh (s)	183.8

1: Pacific Avenue & S 21st Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	14.7	0.5	0.0	2.1	4.2
Total Del/Veh (s)	75.1	27.3	33.2	34.8	41.7

2: Pacific Avenue & S 24th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	1.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	24.2	28.2	39.0	39.1	34.5

3: Pacific Avenue & E 25th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.9	0.0	0.0	0.5	0.5
Total Del/Veh (s)	22.3	48.0	33.3	40.0	34.5

4: Pacific Avenue & E 26th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	1.8	0.0	0.0	0.0	0.4
Total Del/Veh (s)	31.7	33.1	24.3	14.5	26.2

5: Pacific Avenue & E 34th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.4	0.1	0.5	0.0	0.2
Total Del/Veh (s)	15.8	20.3	11.4	6.8	10.4

6: A Street & S 24th Street/Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.5	0.0	0.1	0.4
Total Del/Veh (s)	3.5	12.1	11.2	34.2	10.9

7: Car Wash Dwy/A Street & E 25th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.1	0.0	0.0
Total Del/Veh (s)	7.5	14.9	47.9	8.3	9.6

8: A Street & E 26th Street Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	3.9	4.9	24.1	5.1

9: I-705 Off-Ramp & E 26th Street Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.7	0.2
Total Del/Veh (s)	0.9	0.6	69.1	23.1

10: C Street & E 25th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.1	0.1
Total Del/Veh (s)	19.2	19.8	27.7	35.8	26.6

11: C Street & ST Driveway Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.4	0.0	0.0	0.0
Total Del/Veh (s)	7.2	32.6	4.7	1.8	4.8

12: C Street & E 26th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	2.4	1.8	41.5	36.1	6.4

13: E D Street & E Dock Street Performance by approach

Approach	EB	NB	SB	All
Denied Del/Veh (s)	0.4	0.0	1.4	0.5
Total Del/Veh (s)	6.5	9.6	3.4	7.0

14: E D Street & Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.7	0.1	0.0	0.0	0.2
Total Del/Veh (s)	18.4	17.4	19.6	28.6	20.1

15: E D Street & E 25th Street Performance by approach

Approach	EB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1
Total Del/Veh (s)	44.3	20.9	30.6	32.7

16: E D Street & ST Driveway Performance by approach

Approach	EB	NB	SB	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0
Total Del/Veh (s)	3.5	3.0	1.1	1.9

17: E D Street & E 26th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.5	0.0	0.2
Total Del/Veh (s)	11.2	8.9	26.9	15.2	12.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.3	8.4	0.2	1.5	2.6

19: E McKinley Way & E 34th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.2	0.0	0.0
Total Del/Veh (s)	9.9	5.7	6.1	4.8	7.2

20: E E Street & Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.1	4.1	0.1	0.9
Total Del/Veh (s)	8.5	11.4	31.7	17.1	14.5

21: E F Street & Puyallup Avenue Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	5.6	0.5
Total Del/Veh (s)	7.5	5.9	22.2	7.9

22: E G Street & Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.9	0.1	0.3	0.1	0.4
Total Del/Veh (s)	14.4	12.9	26.1	51.1	16.0

23: E G Street & E 25th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.9	0.3
Total Del/Veh (s)	22.2	32.9	39.4	28.8	30.9

24: E L Street & Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	1.8	0.1	0.0	0.2	0.8
Total Del/Veh (s)	4.9	3.6	98.0	60.2	10.7

25: E L Street & E 26th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.4	5.8	1.9	0.9	1.8

26: E Wiley Avenue & E L Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.3	6.1	5.7	6.1	5.9

27: E L Street Performance by approach

Approach	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.4	2.0	1.3

28: E L Street & E 34th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.2	0.0	0.0
Total Del/Veh (s)	6.5	5.7	0.4	1.7	3.1

29: E Portland Ave & SR 509 On-Ramp Performance by approach

Approach	NB	SB	All
Denied Del/Veh (s)	0.0	203.9	142.5
Total Del/Veh (s)	11.1	53.1	38.9

30: E Portland Ave & SR 509 Off-Ramp Performance by approach

Approach	EB	NB	SB	All
Denied Del/Veh (s)	248.8	0.0	0.0	62.1
Total Del/Veh (s)	329.0	6.5	71.3	103.4

31: E Portland Ave & Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	11.3	16.4	0.0	4.8	9.4
Total Del/Veh (s)	38.7	45.5	19.7	100.2	56.6

32: E Portland Ave & E 25th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	108.7	0.0	0.0	0.4	5.3
Total Del/Veh (s)	364.1	13.4	0.9	34.6	40.0

33: E Portland Ave & E 26th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	1.9	0.2	0.6
Total Del/Veh (s)	80.0	9.4	3.6	44.8	34.3

34: E Portland Ave & E 27th Street Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.4	0.3	16.2	8.9
Total Del/Veh (s)	45.4	35.8	35.5	37.4

35: E Portland Ave & E 28th Street Performance by approach

Approach	EB	NB	SB	All
Denied Del/Veh (s)	0.1	1.4	0.5	0.7
Total Del/Veh (s)	33.5	57.9	47.3	48.1

36: E Portland Ave & E 32nd Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.1	15.0	0.0	5.5
Total Del/Veh (s)	14.1	22.5	35.9	18.3	25.5

37: E R Street & E Bay Street Performance by approach

Approach	WB	SB	All
Denied Del/Veh (s)	116.7	0.3	51.3
Total Del/Veh (s)	234.0	40.4	125.2

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	964.3	0.0	0.6	613.8
Total Del/Veh (s)	99.0	87.0	23.0	66.3

39: E S Street & E 28th Street Performance by approach

Approach	EB	SB	NW	All
Denied Del/Veh (s)	0.9	0.5	0.0	0.7
Total Del/Veh (s)	131.0	48.4	99.5	99.3

40: E R Street & E 30th Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.1
Total Del/Veh (s)	6.1	5.1	4.1	5.0	5.2

41: E R Street & E 32nd Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.4	0.2	0.0	0.2
Total Del/Veh (s)	2.2	1.6	8.6	7.8	3.9

43: Pioneer Way & River Road Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	350.2	216.2	141.3
Total Del/Veh (s)	19.9	190.2	176.9	88.1

49: E 27th Street Performance by approach

Approach	WB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.0
Total Del/Veh (s)	1.7	4.7	2.1

50: E Portland Ave Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	50.5	11.0	5.9	3.7	5.4

59: Performance by approach

Approach	EB	SE	All
Denied Del/Veh (s)	0.0	0.9	0.7
Total Del/Veh (s)	0.6	1.2	1.1

80: Performance by approach

Approach	EB	NB	All
Denied Del/Veh (s)	0.1	0.1	0.1
Total Del/Veh (s)	44.1	565.8	47.4

96: Puyallup Avenue Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.0
Total Del/Veh (s)	0.9	2.3	9.4	1.9

98: E Bay Street & Portland Ave LT Loop Performance by approach

Approach	NB	NE	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.3	0.4	0.6

110: E 27th Street Performance by approach

Approach	WB	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.2	2.2

120: E R Street Performance by approach

Approach	EB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.1
Total Del/Veh (s)	3.3	1.6	2.3

136: E Portland Ave Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.1	2.0	1.5
Total Del/Veh (s)	4.3	2.7	39.3	30.0

137: Puyallup Avenue Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.6	0.0	0.0	0.2
Total Del/Veh (s)	5.7	5.4	44.6	6.1

141: Performance by approach

Approach	WB	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	1.9	1.9

144: E 25th Street Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	3.7	0.0	0.0	1.9
Total Del/Veh (s)	118.7	0.2	0.0	59.2

985: Puyallup Avenue Performance by approach

Approach	EB	WB	SW	All
Denied Del/Veh (s)	0.2	0.0	0.7	0.2
Total Del/Veh (s)	13.0	8.9	26.6	13.5

988: E 26th Street/E Bay Street Performance by approach

Approach	EB	NW	All
Denied Del/Veh (s)	0.0	4.3	1.7
Total Del/Veh (s)	53.4	78.8	63.3

989: Performance by approach

Approach	EB	NE	All
Denied Del/Veh (s)	0.0	257.1	146.9
Total Del/Veh (s)	13.0	12.4	12.7

990: Performance by approach

Approach	EB	All
Denied Del/Veh (s)	0.1	0.1
Total Del/Veh (s)	4.5	4.5

991: E Bay Street Performance by approach

Approach	WB	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	214.7	214.7

992: E Bay Street Performance by approach

Approach	WB	All
Denied Del/Veh (s)	3.1	3.1
Total Del/Veh (s)	127.3	127.3

993: E Bay Street Performance by approach

Approach	EB	WB	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	4.1	1.0	2.7

994: E 26th Street & E Bay Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	1.3	0.3	4.5	6.2	1.8

995: E Bay Street Performance by approach

Approach	EB	WB	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.3	0.8	0.8

997: E G Street Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	6.3	1074.4	0.0	0.3	297.6
Total Del/Veh (s)	59.1	201.6	5.1	11.7	47.0

998: E 25th Street Performance by approach

Approach	EB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.5	5.7	3.2

999: Puyallup Avenue Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.9	1.5	4.9	22.3	2.0

Total Network Performance

Denied Del/Veh (s)	181.3
Total Del/Veh (s)	183.8

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.2	0.4	0.8	1.0	0.3	0.9	0.0	0.1	0.0	0.0	3.6	1.0
Total Del/Veh (s)	39.3	41.5	28.6	48.1	27.9	16.1	55.9	49.9	26.9	34.2	56.4	25.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.7	0.6
Total Del/Veh (s)	10.7	32.9

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	3.9	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.1
Total Del/Veh (s)	36.6	29.8	5.1	34.2	20.0	10.4	40.5	38.8	34.0	25.7	21.8	31.7

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.4	0.7	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	33.2	27.9	5.0	23.9	14.6	14.8	17.9	23.2	27.3	19.9	18.4	11.2

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	21.7

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.9	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	36.3	30.5	3.7	31.9	24.5	16.2	28.8	21.8	22.0	20.0	9.4	3.3

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.6
Total Del/Veh (s)	22.2

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	2.9	0.2	0.3	0.0	0.0	0.0
Total Del/Veh (s)	15.4	13.7	7.2	16.7	14.8	9.3	9.1	8.5	3.7	11.3	3.2	4.4

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	7.7

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	8.2	2.7	1.2	9.1	5.0	4.0	54.2	42.6	4.8	39.1	6.0	5.1

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.1	7.9	17.0	9.6	36.4	0.5	4.2	9.9

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.9	2.6	11.2	13.6	2.2	30.0	6.5	4.4

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	592.1	603.9	289.2
Total Del/Veh (s)	3.5	0.4	336.4	180.9	97.0

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	24.0	24.5	21.9	15.7	8.6	6.0	20.9	21.3	14.4	33.4	17.3	9.3

10: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	20.4

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.2	0.3	0.0	0.0	0.0	0.2
Total Del/Veh (s)	1.9	51.1	9.1	12.0	11.5	37.3	1.3	0.4	11.6

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.3	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	5.3	6.0	0.4	8.9	1.8	2.6	73.4	90.5	87.9	18.6	5.8

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.6	0.4	0.0	0.0	0.6	3.5	0.4
Total Del/Veh (s)	30.1	7.3	7.3	4.2	4.3	1.0	6.9

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.6	0.9	0.0	0.0	0.0	0.0	0.0	0.1	1.6	0.7	2.1
Total Del/Veh (s)	29.5	18.1	9.7	31.9	17.4	5.8	19.0	17.8	17.5	53.9	43.0	4.3

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	22.3

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.1
Total Del/Veh (s)	25.2	23.4	19.0	16.8	16.8	10.4	84.4	21.7	9.9	22.5

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.1
Total Del/Veh (s)	6.0	19.3	2.2	1.1	17.4

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.1	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	44.1	17.6	15.1	15.7	9.0	8.7	38.9	55.1	51.1	30.1	8.9	7.1

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	27.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.8	9.0	2.5	5.5	0.7	0.5	3.6	0.9	0.5	1.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.4	0.4	0.0	0.0	0.0
Total Del/Veh (s)	8.4	8.4	6.0	5.7	6.9	3.7	7.2	8.7	5.7	5.1	4.4	3.3

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.2

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	1.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	12.3	12.0	7.7	5.7	7.3	11.2	3.3	1.4	34.9	4.9	4.2	5.9

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.1	0.3	0.3	0.2	0.0	0.3	0.5	0.1	0.1
Total Del/Veh (s)	9.4	4.0	3.1	8.1	9.8	3.2	20.5	9.5	30.9	4.3

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1	0.1	0.1
Total Del/Veh (s)	14.3	9.5	5.4	10.5	6.9	6.3	30.1	8.6	9.4	5.0	10.2

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	33.3	20.2	10.1	39.4	0.5	13.4	9.0	5.4	18.0	8.9	12.0

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.6	0.1	0.1	0.1
Total Del/Veh (s)	4.2	1.5	0.8	10.4	4.6	4.5	72.1	4.6	61.2	20.1	10.5	11.6

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.5	6.3	3.7	3.7	3.6	2.9	1.8	1.7	2.3	0.4	0.3	1.9

26: E Wiley Avenue/S 27th Street & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.2	0.4	3.0	5.2	6.3	3.3	6.0	5.1	3.7	5.1

27: E L Street & S 28th Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	0.9	8.8	1.6	1.6

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1
Total Del/Veh (s)	8.4	4.0	5.4	7.8	3.2	1.7	0.2	0.7	0.5	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.2	0.1
Total Del/Veh (s)	5.7	1.2	0.3	0.3	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	18.4	5.1	5.0	3.4	5.4

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.8	0.2	3.5	0.2	3.6	0.0	0.1	0.1	0.0	0.0	0.4
Total Del/Veh (s)	45.1	34.8	2.1	50.3	24.7	8.7	26.7	15.1	27.8	15.1	1.8	23.7

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.3	7.1	6.9	31.3	7.3	6.9	1.5	0.5	1.9	2.3	1.9	3.9

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Total Del/Veh (s)	29.0	23.7	9.2	3.0	15.3	8.4	1.4	1.0	12.9	0.8	0.8	4.5

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.5	0.4	0.2
Total Del/Veh (s)	27.0	26.3	23.7	44.9	14.8	9.2	3.2	16.9

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.4	0.0	0.1	0.1	0.0	0.0
Total Del/Veh (s)	32.8	30.1	2.0	33.4	21.0	39.7	6.3	24.4

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	4.1	2.3	2.8	0.1	0.0	0.0	1.7
Total Del/Veh (s)	28.1	5.7	25.8	0.1	14.1	11.5	14.2	13.9	15.9	2.2	1.7	12.0

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.5	0.0	0.0	0.3
Total Del/Veh (s)	11.7	2.0	9.7	10.4

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.5	0.0		0.9	0.2	0.6
Total Del/Veh (s)	16.6	18.2	27.0		11.6	2.2	13.8

39: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.3	22.6	1.2	36.8	35.1	23.8

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	5.1	3.5	4.7	5.3	0.2	3.1	4.5

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.4	0.8	0.5	0.3	6.5	4.1	6.3	3.6	3.1

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.2	0.1	0.3	0.4	0.4	0.3
Total Del/Veh (s)	17.2	10.8	33.4	37.6	19.7	29.1

45: E 25th Street Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.4	0.1
Total Del/Veh (s)	3.1	2.0	8.1	4.4

46: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1	0.1
Total Del/Veh (s)	0.5	6.6	1.4	6.9	1.4

47: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.5	0.0	0.0	0.2	0.0	0.0	0.1
Total Del/Veh (s)	11.3	2.6	0.5	1.2	3.2	8.2	1.0	1.6

69: E Portland Ave Performance by movement

Movement	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.1
Total Del/Veh (s)	2.4	1.1	1.3	1.8

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.8	0.5	0.8

137: S 27th Street Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	0.2	0.2

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Del/Veh (s)	2.8	3.7	6.1	3.6

986: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.5	0.8	2.1

987: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.1	0.2

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	0.7	0.5
Total Del/Veh (s)	0.4	0.7	13.6	9.7

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.6	0.1	0.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.1
Total Del/Veh (s)	4.8	1.9	3.4

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	69.2	50.0	60.6

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.5	0.6	2.2

993: E Bay Street Performance by movement

Movement	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.6	1.2	1.0

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	14.3	4.0	8.4

996: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.1
Total Del/Veh (s)	84.6	67.9	71.9	80.8	57.7	7.2	12.1	14.0	28.1	1.7	1.7	11.3

997: E G Street Performance by movement

Movement	EBL	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.4	2.7	2.3	0.7	0.5	2.5

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.0
Total Del/Veh (s)	0.8	0.8	10.7	0.9

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.5	1.9	1.2	3.9	1.0	0.2	16.9	18.2	13.8	4.5

Total Network Performance

Denied Del/Veh (s)	37.3
Total Del/Veh (s)	82.1

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	16.3	7.8	1.0	1.6	11.5	15.6	1.0	41.9	7.5	11.8
Total Del/Veh (s)	49.0	47.9	36.4	40.1	50.7	53.1	34.4	49.9	46.5	45.4

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	31.4	32.8	33.4	33.6	31.0	36.4	32.4	30.5	32.6	32.7

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.3	0.5	0.3	0.4	0.3	2.0	0.2	0.3	0.7	0.6
Total Del/Veh (s)	32.7	37.0	33.3	34.3	31.7	38.8	33.7	36.4	36.9	35.1

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	25.7	27.2	25.7	26.9	27.9	26.7	27.7	27.7	28.8	27.2

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	10.8	10.4	10.8	11.0	9.5	10.1	9.6	9.7	10.9	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	6.6	10.5	7.4	7.8	6.9	7.5	7.5	7.7	6.7	7.7

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.6	9.6	10.2	10.0	10.9	9.5	10.3	13.4	9.6	10.5

8: A Street & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.9	5.0	4.2	5.8	5.4	5.1	5.5	5.1	6.1	5.3

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	78.1	9.8	1.3	139.3	28.0	28.2	36.4	14.1	0.7	37.4
Total Del/Veh (s)	94.8	82.2	63.7	99.7	65.6	75.3	90.9	70.8	60.3	78.1

10: C Street & E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	25.5	28.2	23.3	30.8	25.4	26.8	26.7	28.5	28.3	27.2

11: C Street & ST Driveway Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.2	4.0	4.1	2.3	4.4	4.3	2.8	3.6	5.2	4.1

12: C Street & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	26.4	5.4	0.1	4.2	2.2	6.0	13.4	5.7	5.2	7.5
Total Del/Veh (s)	31.5	25.6	9.6	27.1	17.4	19.5	28.7	18.1	21.9	22.2

13: E D Street & E Dock Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.5
Total Del/Veh (s)	6.7	7.8	7.5	7.1	7.5	6.7	6.5	6.2	7.6	7.1

14: E D Street & Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.3	0.2	0.1	0.2	0.1	0.1	0.2	0.2
Total Del/Veh (s)	20.7	22.7	24.6	21.5	19.2	20.3	20.7	18.1	21.0	21.0

15: E D Street & E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.1	0.1
Total Del/Veh (s)	29.8	26.0	25.9	22.6	27.8	26.1	24.9	26.5	26.2	26.2

16: E D Street & ST Driveway Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.3	0.1	0.0	0.1	0.1	0.3	0.1	0.0	0.1
Total Del/Veh (s)	9.4	8.5	5.8	8.0	8.0	4.4	6.7	7.2	6.7	7.2

17: E D Street & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.3	0.2	0.4	0.3	0.7	0.2	0.6	0.2	0.3	0.3
Total Del/Veh (s)	41.8	37.8	30.6	37.6	35.1	31.3	36.9	35.7	38.0	36.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.7	2.4	2.7	3.0	2.5	2.1	2.6	2.7	2.6	2.6

19: E McKinley Way & E 34th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.1	7.0	7.6	7.0	6.9	6.8	7.1	7.0	7.0	7.1

20: E E Street & Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.7	0.7	0.9	0.8	0.6	0.5	1.3	0.9	1.0	0.8
Total Del/Veh (s)	13.4	13.7	17.3	14.8	14.4	13.6	16.4	14.1	12.8	14.5

21: E F Street & Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.2	0.5	0.6	0.5	0.4	0.3	0.8	0.5	0.4	0.5
Total Del/Veh (s)	6.0	7.3	6.9	9.5	6.6	6.4	7.6	6.9	6.5	7.1

22: E G Street & Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Total Del/Veh (s)	10.5	11.8	12.0	15.0	13.6	12.0	12.7	11.5	11.7	12.3

23: E G Street & E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	31.5	36.5	26.3	34.2	34.2	25.2	26.4	24.9	47.2	31.9

24: E L Street & Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.2	4.8	11.4	5.9	9.4	7.5	6.8	5.4	9.5	7.3

25: E L Street & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.9	1.8	2.0	1.9	1.9	1.7	1.9	1.9	1.9

26: E Wiley Avenue & E L Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.0	5.6	5.8	5.7	6.1	5.7	6.0	5.9	5.8	5.9

27: E L Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.4	1.2	1.4	1.2	1.4	1.3	1.3	1.2	1.3	1.3

28: E L Street & E 34th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1
Total Del/Veh (s)	2.9	3.1	3.2	2.7	3.1	3.0	3.0	3.0	2.6	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	10.3	348.4	142.8	0.2	82.4	43.3	0.6	330.0	0.2	108.4
Total Del/Veh (s)	37.1	78.4	64.9	3.6	36.9	22.9	5.5	68.2	5.1	33.8

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	85.1	234.9	133.1	0.1	28.0	0.8	0.1	127.5	0.1	64.9
Total Del/Veh (s)	127.5	212.6	168.7	11.4	86.7	59.1	18.0	189.2	19.7	91.1

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.8	2.7	3.8	0.5	2.7	11.1	0.8	27.4	0.6	5.2
Total Del/Veh (s)	55.6	70.9	68.4	28.3	52.0	53.8	32.7	89.8	33.5	52.8

32: E Portland Ave & E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	12.7	17.3	9.8	0.8	1.4	5.7	0.5	16.5	0.0	6.8
Total Del/Veh (s)	46.1	66.2	54.0	12.0	35.9	47.2	24.0	71.8	15.4	39.9

33: E Portland Ave & E 26th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.5	0.3	0.0	1.0	0.3	0.1	0.1	0.2	0.3
Total Del/Veh (s)	47.1	55.4	53.2	13.5	36.6	49.3	27.1	67.1	17.3	39.5

34: E Portland Ave & E 27th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.4	17.3	11.2	0.2	3.8	31.8	2.2	9.9	0.9	8.1
Total Del/Veh (s)	32.8	34.2	36.1	26.1	33.8	39.8	29.3	42.0	26.8	33.1

35: E Portland Ave & E 28th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	1.1	0.7	0.4	0.3	1.0	3.7	0.3	2.3	0.2	1.1
Total Del/Veh (s)	57.7	53.4	49.8	34.7	54.5	78.2	41.0	64.5	34.9	51.5

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	1.8	7.7	2.1	7.3	0.9	6.8	9.6	1.1	0.3	4.2
Total Del/Veh (s)	24.6	27.9	22.4	26.9	23.8	30.4	25.7	23.4	22.4	25.3

37: E R Street & E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	55.9	45.4	56.9	60.1	44.0	64.3	51.4	41.8	41.0	50.9
Total Del/Veh (s)	112.4	122.5	131.5	122.0	123.3	174.5	99.1	118.4	116.4	122.7

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	552.5	521.2	662.9	626.9	465.5	739.4	618.2	619.0	617.2	602.6
Total Del/Veh (s)	63.4	63.9	66.2	63.2	64.2	77.5	63.6	63.9	64.1	65.3

39: E S Street & E 28th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.7	0.7	0.5	0.8	0.6	1.0	0.6	0.6	1.1	0.7
Total Del/Veh (s)	102.0	105.7	105.3	89.5	100.4	129.6	100.0	101.6	93.3	102.6

40: E R Street & E 30th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	4.9	5.1	5.0	4.8	5.5	5.0	5.0	5.5	5.2	5.1

41: E R Street & E 32nd Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	3.9	4.2	3.9	3.7	4.3	4.5	4.2	4.0	4.2	4.1

43: Pioneer Way & River Road Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	389.7	489.7	153.4	285.2	159.7	340.3	526.4	355.0	298.2	332.9
Total Del/Veh (s)	142.9	158.2	121.8	133.1	98.7	179.8	145.9	131.9	124.2	136.2

45: E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Total Del/Veh (s)	3.4	3.6	3.2	3.6	3.4	3.4	3.4	3.2	3.5	3.4

46: Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.7	1.8	1.9	1.7	2.0	1.8	1.6	1.6	1.7

50: E Portland Ave Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.9	5.1	3.6	3.9	4.3	15.5	3.4	6.1	4.2	5.6

59: Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.4	0.4	0.3	18.7	0.6	0.4	0.4	2.4
Total Del/Veh (s)	0.4	0.5	0.5	0.4	0.5	9.7	2.0	0.8	0.5	1.6

80: Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.3	0.1	0.2	0.7	0.4	0.1	0.2
Total Del/Veh (s)	54.1	53.2	52.4	46.0	57.6	73.6	57.0	56.1	49.7	55.2

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.8	0.5	0.6

110: E 27th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	2.5	2.3	2.2	2.1	2.1	2.2	2.3	2.5	2.3

120: E R Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.2	2.2	2.1	2.2	2.4	2.4	2.2	2.2	2.2	2.2

136: E Portland Ave Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.5	1.7	0.7	0.2	1.0	1.9	0.6	2.2	0.2	0.9
Total Del/Veh (s)	31.8	35.0	32.9	12.6	27.0	37.6	21.7	41.1	16.6	27.8

137: Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.3	2.9	4.3	3.4	3.4	6.5	3.6	4.3	3.3	3.9

141: Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.3	2.0	1.7	1.8	1.8	1.9	1.9	2.1	1.9	1.9

144: E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	20.5	3.0	0.0	0.6	0.0	0.0	19.7	0.0	4.8
Total Del/Veh (s)	251.7	331.7	216.0	0.8	100.0	48.2	4.5	486.0	0.8	152.4

985: Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	8.4	7.6	12.4	8.6	10.0	16.7	8.6	13.1	7.8	10.3

988: E 26th Street/E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	1.8	5.3	3.0	5.8	5.4	3.5	5.2	0.5	1.6	3.5
Total Del/Veh (s)	79.6	85.2	80.2	79.4	72.1	105.4	77.2	75.0	77.3	80.6

989: Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	348.0	138.1	250.7	143.0	260.8	236.2	252.2	188.9	210.9	226.3
Total Del/Veh (s)	13.7	12.3	14.0	12.1	16.4	22.4	18.6	12.7	12.8	14.8

990: Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	1.6	0.0	0.0	0.0	0.2
Total Del/Veh (s)	4.1	3.9	4.0	4.0	4.6	7.9	4.3	3.9	4.2	4.5

991: E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	291.3	345.9	325.1	335.2	297.3	444.1	272.7	262.0	308.8	314.7

992: E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	4.1	3.1	8.0	38.4	33.4	37.1	4.0	5.6	0.0	13.9
Total Del/Veh (s)	150.0	171.9	169.1	186.5	178.7	271.7	128.5	124.3	154.7	165.8

993: E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	4.1	3.0	2.9	2.7	9.7	2.7	5.5	2.6	3.7

994: E 26th Street & E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.3	0.1	0.0	0.1	0.3	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.1	2.5	2.2	2.2	2.1	7.5	2.4	3.2	2.1	2.8

995: E Bay Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.1
Total Del/Veh (s)	0.8	1.0	1.0	0.8	0.9	0.9	0.8	0.8	0.6	0.8

997: E G Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.0	2.9	2.7	3.8	3.6	3.5	5.2	3.3	2.1	3.4

998: E 25th Street Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.1	0.6	0.1	3.7	0.1	0.1	0.1	0.2	0.1	0.6
Total Del/Veh (s)	3.5	7.6	3.7	7.8	4.1	4.6	4.5	5.0	4.7	5.1

999: Puyallup Avenue Performance by run number

Run Number	10	11	13	2	3	4	5	6	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	1.6	2.2	1.7	1.6	1.6	1.8	1.8	1.6	1.9	1.8

Total Network Performance By Run

Run Number	10	11	13	2	3	4	5
Denied Del/Veh (s)	229.6	239.4	177.8	187.3	157.7	209.2	237.7
Total Del/Veh (s)	218.5	233.8	210.7	173.2	191.9	222.2	182.0

Total Network Performance By Run

Run Number	6	9	Avg
Denied Del/Veh (s)	227.1	173.6	204.4
Total Del/Veh (s)	226.3	171.7	203.4

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	57.5	44.6	43.9	1.0	0.2	0.9	0.0	0.1	0.0	0.0	7.1	5.5
Total Del/Veh (s)	73.2	85.2	72.7	48.8	25.7	13.2	42.5	45.8	31.5	32.5	66.3	40.2

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	6.6	11.8
Total Del/Veh (s)	34.5	45.4

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	4.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.1
Total Del/Veh (s)	42.6	29.7	6.5	40.8	24.4	9.8	40.7	42.5	37.1	36.9	26.9	32.7

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.3	0.5	0.3	0.0	0.3	0.4	0.0	0.0	0.2	1.1	0.8	0.2
Total Del/Veh (s)	41.8	29.4	10.5	60.6	64.3	60.6	27.8	34.4	38.3	32.3	36.5	35.0

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.6
Total Del/Veh (s)	35.1

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.0	0.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	42.2	44.7	6.7	34.8	34.7	31.9	44.3	23.4	16.7	25.2	16.6	7.2

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	27.2

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.4	0.4	0.3	0.1	0.1	0.1	3.4	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	17.7	15.9	11.9	21.4	20.4	14.3	12.8	12.7	4.9	13.0	6.5	9.0

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	0.0	0.2	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2
Total Del/Veh (s)	14.1	12.4	2.1	1.5	8.7	6.4	6.6	31.0	30.9	3.8	41.3	41.3

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	0.2	0.1
Total Del/Veh (s)	23.1	7.7

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.1	7.0	17.9	10.5	35.8	43.6	0.6	6.6	10.5

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.1	3.7	10.3	4.2	34.9	12.6	5.3

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.0	121.8	121.9	37.4
Total Del/Veh (s)	14.9	0.7	330.8	192.1	78.1

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.2	23.0	15.2	19.6	16.7	41.8	32.3	13.3	33.7	36.6	27.2	27.2

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.4	30.3	4.4	3.7	1.4	4.1

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	424.7	302.9	0.0	0.0	7.5
Total Del/Veh (s)	19.8	29.0	9.0	2.2	1.9	621.4	793.8	1.4	10.5	22.2

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.7	0.3	0.0	0.0	1.2	3.0	0.5
Total Del/Veh (s)	28.4	5.8	10.5	3.9	3.9	2.2	7.1

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.8	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	40.7	17.6	8.5	26.7	20.2	7.5	23.8	20.4	15.3	40.8	38.0	11.0

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	21.0

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1
Total Del/Veh (s)	44.1	42.4	29.5	25.7	22.0	11.9	39.4	28.1	21.4	26.2

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.1
Total Del/Veh (s)	11.8	10.0	1.4	0.6	7.2

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.3	0.7	0.8	1.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	127.3	31.8	28.1	16.5	11.4	8.8	42.9	32.1	14.8	29.2	26.7	20.6

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	36.1

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	6.1	5.0	10.3	8.0	5.7	0.2	0.0	3.0	1.5	2.6

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	11.8	9.2	9.8	6.3	6.8	3.3	5.8	7.0	4.1	6.6	4.5	5.1

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	7.1

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.7	0.1	0.0	3.7	3.6	4.0	0.1	0.1	0.1
Total Del/Veh (s)	21.0	7.9	4.9	15.5	11.2	4.7	33.5	32.2	25.3	32.2	31.4	9.3

20: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.8
Total Del/Veh (s)	14.5

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.0	5.4	6.0	0.5
Total Del/Veh (s)	14.3	5.9	3.3	21.2	16.5	5.8	25.6	12.5	7.1

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.2	0.7	0.0	0.1	0.3	0.0	0.0	0.1	0.2
Total Del/Veh (s)	10.3	6.9	17.9	7.4	31.6	16.3	10.1	33.1	12.3

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1		0.1	0.0	0.0	0.0	0.2	0.1
Total Del/Veh (s)	35.4	26.6	18.6	157.2		135.0	19.7	13.9	31.8	20.9	31.9

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	6.4	2.5	1.9	11.7	1.3	0.6	75.4	1.8	49.3	33.7	43.9	12.0

24: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	7.3

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.9	6.7	3.9	7.3	4.8	3.6	4.2	1.8	1.6	3.1	0.8	0.9

25: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.9

26: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.5	0.2	2.3	5.7	6.7	2.9	5.6	6.0	4.2	5.9

27: E L Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	0.7	0.3	3.9	1.7	1.3

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.0	0.1
Total Del/Veh (s)	8.7	3.4	6.4	7.8	3.1	2.2	0.2	0.0	1.7	2.4	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	151.8	159.5	108.4
Total Del/Veh (s)	22.0	1.1	44.4	41.7	33.8

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	236.6	261.5	0.0	0.0	64.9
Total Del/Veh (s)	64.6	288.8	8.1	61.3	91.1

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	5.4	4.3	5.5	12.1	9.2	11.1	0.0	0.0	3.1	1.9	1.1	5.2
Total Del/Veh (s)	57.1	44.8	28.0	77.1	25.7	5.4	28.9	2.2	57.6	106.1	5.1	52.8

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	171.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
Total Del/Veh (s)	455.8	16.7	520.7	0.6	1.0	2.0	30.9	30.0	39.9

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	1.4	0.3	0.4	0.0	0.3
Total Del/Veh (s)	66.9	2.4	11.6	240.7	1.2	0.8	41.2	53.1	41.1	39.5

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.2	14.9	15.2	8.1
Total Del/Veh (s)	58.8	30.7	10.9	37.8	20.1	37.3	10.2	33.1

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.2	1.7	2.1	1.2	0.7	1.1
Total Del/Veh (s)	52.4	54.9	8.4	75.0	34.1	91.1	22.2	51.5

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.1	0.0	13.3	11.0	12.4	0.1	0.0	0.0
Total Del/Veh (s)	19.9	17.9	9.0	27.3	14.8	10.6	26.7	35.3	37.9	32.2	15.1	11.9

36: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	4.2
Total Del/Veh (s)	25.3

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	150.5	0.0	1.0	50.9
Total Del/Veh (s)	288.3	143.4	38.1	122.7

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	969.5	967.8	0.0		1.3	0.6	602.6
Total Del/Veh (s)	135.1	40.0	86.1		27.7	5.5	65.3

39: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.9	3.0	3.0	0.3	1.0	0.8	0.0	0.0	0.7
Total Del/Veh (s)	137.1	150.5	132.6	41.8	60.2	60.7	99.6	98.3	102.6

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	6.4	4.2	4.7	5.4	5.0	0.3	3.5	6.1	3.5	5.1

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	1.9	0.4	0.4	0.1	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	4.7	1.5	1.0	3.9	1.5	0.7	13.4	12.7	7.7	13.4	11.2	6.6

41: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	4.1

43: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	847.0	395.6	388.9	332.9
Total Del/Veh (s)	17.5	24.0	368.2	285.8	203.1	136.2

45: E 25th Street Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.3	0.1
Total Del/Veh (s)	2.9	1.8	5.1	3.4

46: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.7	7.6	1.8	7.8	1.7

50: E Portland Ave Performance by movement

Movement	EBL	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0
Total Del/Veh (s)	43.0	57.8	1.8	21.3	6.7	8.3	12.7	3.4	5.6

59: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	3.1	2.4
Total Del/Veh (s)	3.2	1.2	1.6

80: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.1	0.2
Total Del/Veh (s)	53.6	34.7	379.0	55.2

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.2	0.3	0.6

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	2.4	1.9	2.3

120: E R Street Performance by movement

Movement	EBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	3.2	2.2	1.4	2.2

136: E Portland Ave Performance by movement

Movement	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.1	1.2	0.9
Total Del/Veh (s)	3.0	1.6	36.9	27.8

137: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	0.8	10.5	4.4	0.0	9.5	3.9

141: Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	1.9	1.9

144: E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	All
Denied Del/Veh (s)	10.2	9.8	0.0	0.0	0.0	4.8
Total Del/Veh (s)	204.2	314.9	0.1	0.1	0.0	152.4

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.0	8.8	8.3	26.8	10.3

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)		0.0	10.2	3.5
Total Del/Veh (s)		54.7	129.5	80.6

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	395.0	226.3
Total Del/Veh (s)	14.4	15.2	14.8

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.1	0.2	0.2
Total Del/Veh (s)	4.9	4.1	4.5

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	351.4	268.6	314.7

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	14.6	13.3	13.9
Total Del/Veh (s)	315.3	29.6	165.8

993: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	5.4	1.0	3.7

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.1
Total Del/Veh (s)	4.1	1.0	0.6	0.5	6.1	9.3	6.6	2.8

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1
Total Del/Veh (s)	1.2	1.4	0.7	0.8

997: E G Street Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.0	4.8	1.6	0.9	3.4

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	1.9	0.6
Total Del/Veh (s)	0.9	1.2	14.2	5.1

999: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	1.0	0.7	3.3	1.0	1.2	5.0	20.4	17.1	1.8

Total Network Performance

Denied Del/Veh (s)	204.4
Total Del/Veh (s)	203.4

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	3.4	0.3	0.3	1.1	0.3	1.0	0.0	0.1	0.0	0.0	3.7	1.1
Total Del/Veh (s)	34.1	40.4	22.8	45.2	28.0	16.9	39.2	45.4	29.3	36.1	52.7	24.5

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.7	0.5
Total Del/Veh (s)	9.8	32.8

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	4.2	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.2
Total Del/Veh (s)	33.3	30.0	6.0	41.8	18.2	8.2	44.2	43.6	33.5	26.5	17.6	34.2

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.3	0.6	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	27.8	26.4	5.9	18.1	7.3	14.4	23.8	30.4	35.8	18.1	17.3	11.2

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	23.8

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.8	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	38.7	31.6	3.7	33.7	25.3	20.0	31.8	27.7	29.2	24.0	9.6	3.5

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	24.7

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	2.9	0.2	0.3	0.0	0.0	0.0
Total Del/Veh (s)	16.5	14.6	7.8	16.0	15.2	9.5	9.3	9.0	4.2	11.7	3.4	4.8

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	8.2

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	8.5	2.9	1.5	8.2	4.5	3.3	43.1	43.2	5.1	50.8	6.5	5.0

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.7	8.5	22.6	7.8	38.9	0.3	4.3	9.8

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
Total Del/Veh (s)	5.5	2.4	13.4	16.1	1.9	25.1	6.0	4.6

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	617.6	620.5	287.6
Total Del/Veh (s)	1.3	0.6	340.1	162.3	87.2

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	24.9	24.5	21.0	24.2	6.4	16.1	17.3	20.0	14.2	38.5	17.7	6.0

10: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	20.9

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	2.6	1.3	0.7	0.7	0.0	0.1	0.7	0.5
Total Del/Veh (s)	5.6	70.3	18.2	13.5	14.1	48.5	0.7	0.6	9.3

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	8.6	10.9	0.0	0.0	0.1
Total Del/Veh (s)	4.9	1.2	0.3	13.0	0.8	0.9	88.6	41.7	1.4	7.5	3.3

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.6	0.4	0.0	0.0	0.6	2.8	0.4
Total Del/Veh (s)	27.7	6.3	6.5	4.1	3.0	1.2	6.2

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.5	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.0
Total Del/Veh (s)	22.1	15.8	7.1	26.0	14.4	3.4	22.0	17.8	15.5	38.4	30.6	3.8

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	18.3

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
Total Del/Veh (s)	20.4	21.2	17.8	17.1	14.0	9.0	25.9	22.8	13.5	16.6

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	12.2	7.3	2.9	0.7	6.7

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.8	0.5	0.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	21.2	9.3	7.8	16.7	8.8	8.1	30.9	29.9	24.0	25.2	7.8	7.0

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	15.9

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.0	8.0	5.3	0.8	0.5	3.0	0.6	0.5	2.3

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.4	0.4	0.0	0.0	0.0
Total Del/Veh (s)	8.4	8.4	6.6	5.5	7.2	3.9	7.3	8.8	6.0	4.7	4.3	3.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.2

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	8.3	9.9	6.9	5.1	7.0	11.1	2.7	1.3	34.4	6.4	4.2	5.3

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.2	0.4	0.0	0.8	1.1	0.1	0.1
Total Del/Veh (s)	8.0	3.4	2.1	11.0	9.8	2.7	26.5	9.5	32.9	4.1

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
Total Del/Veh (s)	16.1	10.4	6.1	11.6	7.0	3.6	30.6	7.9	10.1	5.4	10.0

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	26.4	20.6	7.5	29.7	0.6	9.5	8.8	5.0	18.1	9.3	11.0

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	4.2	1.5	0.9	12.0	5.3	4.9	54.6	0.7	48.2	20.9	8.7	8.8

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.2	5.6	3.4	3.3	3.7	1.7	1.7	2.7	0.4	0.3	1.7

26: E Wiley Avenue/S 27th Street & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.0	0.4	2.4	4.5	6.0	3.4	6.2	5.1	3.2	5.1

27: E L Street & S 28th Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	1.0	8.5	1.5	1.8

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.0	0.1
Total Del/Veh (s)	8.8	5.7	6.3	7.7	3.9	1.8	0.2	0.7	0.3	3.0

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.2	0.1
Total Del/Veh (s)	5.8	1.3	0.3	0.4	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.0	0.1
Total Del/Veh (s)	18.5	5.3	4.9	3.7	5.5

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.9	0.2	3.5	0.2	3.5	0.0	0.2	0.1	0.0	0.0	0.4
Total Del/Veh (s)	46.1	35.1	2.2	50.7	25.5	9.7	26.9	16.3	25.8	14.6	1.9	23.9

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.3	7.5	19.5	44.2	7.5	7.1	1.8	0.5	2.1	2.3	1.8	4.9

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total Del/Veh (s)	65.1	17.4	13.7	4.5	18.7	6.4	1.4	1.2	18.4	0.7	0.4	5.6

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.5	0.3	0.2
Total Del/Veh (s)	23.5	15.7	18.6	42.6	13.5	9.5	3.2	14.7

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	33.1	29.2	1.8	28.2	15.7	36.2	6.4	21.2

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	3.2	1.3	1.6	0.2	0.0	0.0	0.9
Total Del/Veh (s)	27.6	4.4	25.1	0.2	14.2	8.6	13.2	13.1	16.3	2.1	1.0	11.3

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.3	0.0	0.0	0.2
Total Del/Veh (s)	9.8	2.2	8.9	9.1

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.5	0.0		0.7	0.2	0.5
Total Del/Veh (s)	16.1	18.0	27.8		11.8	1.9	14.3

39: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.2	22.1	1.3	37.2	36.0	23.7

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2		0.0	0.1
Total Del/Veh (s)	5.1	3.3	4.7	5.4		3.1	4.6

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.4	0.8	0.5	0.3	6.4	4.2	6.0	3.5	3.0

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.1	5.0	4.3	8.8	3.2
Total Del/Veh (s)	17.0	10.6	44.3	42.8	26.5	34.6

44: E G Street Performance by movement

Movement	EBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.2	2.4	0.8	0.6	2.1

45: E 26th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	21.5	0.1	3.7
Total Del/Veh (s)	2.4	0.8	1.2	0.7	33.2	3.8	7.3

46: E 26th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	0.8	0.2	0.8	0.3	5.0	3.0	1.2

47: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	7.2	1.4	1.0	1.6	0.8	3.0	10.7	1.0	1.5

48: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.2	1.7	4.9	2.5

58: E 26th Street/E G Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.9	0.5	1.1	0.9

97: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.8	0.0	0.1
Total Del/Veh (s)	4.6	2.1	1.0	14.5	1.2	1.8

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.8	0.5	0.8

137: S 27th Street Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	0.2	0.2

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.1
Total Del/Veh (s)	2.6	4.0	5.9	3.5

986: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.5	0.9	2.1

987: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.1	0.2

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	0.9	0.6
Total Del/Veh (s)	0.6	0.8	13.6	9.6

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.6	0.1	0.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.1
Total Del/Veh (s)	4.7	1.9	3.4

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	64.8	45.6	56.4

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.5	0.6	2.1

993: E Bay Street Performance by movement

Movement	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	0.5	1.4	1.3

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.8	11.4	3.6	6.9

996: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0
Total Del/Veh (s)	115.7	90.5	94.8	89.8	69.9	6.4	7.5	7.5	26.0	1.6	1.6	8.5

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	0.1	0.1
Total Del/Veh (s)	0.6	0.5	6.5	0.7

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.1	1.8	1.1	3.5	0.7	0.1	20.7	16.6	14.2	5.0

Total Network Performance

Denied Del/Veh (s)	39.1
Total Del/Veh (s)	78.5

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.8	8.9	0.6	10.0	0.6	11.5	0.6	9.1	6.1	1.0	5.0
Total Del/Veh (s)	37.2	48.8	34.6	44.6	32.4	48.3	33.5	43.7	47.5	36.9	40.8

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	34.0	33.8	34.0	35.3	33.7	33.6	31.2	32.8	33.1	32.6	33.5

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.4	0.3	0.3	0.4	0.5	0.4	0.3	0.4	0.6	0.4
Total Del/Veh (s)	30.9	33.8	33.3	35.8	34.1	34.8	34.9	33.8	33.9	34.1	34.0

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	27.5	27.2	27.0	27.7	26.3	28.3	29.3	27.8	29.9	28.3	27.9

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	11.7	10.2	9.5	10.1	10.0	10.1	11.4	10.5	10.0	9.1	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Total Del/Veh (s)	8.0	7.6	12.1	7.5	7.7	6.3	6.5	6.5	6.0	7.2	7.6

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	11.1	9.1	10.3	10.2	10.2	8.6	10.9	11.0	10.0	9.8	10.2

8: A Street & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.9	5.9	5.0	5.6	5.1	5.5	8.4	5.0	6.2	6.2	5.9

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	3.3	4.3	48.7	42.6	13.0	7.7	12.2
Total Del/Veh (s)	37.2	34.9	34.2	39.8	43.0	33.0	63.9	69.6	50.5	53.7	46.0

10: C Street & E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Total Del/Veh (s)	23.3	28.6	24.3	25.1	22.3	25.9	23.0	22.5	22.4	23.3	24.1

11: C Street & ST Driveway Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1
Total Del/Veh (s)	3.3	3.8	3.4	3.0	3.5	3.4	3.6	3.3	3.7	2.9	3.4

12: C Street & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.8	4.8	3.8	4.6	3.4	4.2	4.3	4.2	4.0	6.0	4.3

13: E D Street & E Dock Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.6	0.5	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6
Total Del/Veh (s)	7.7	31.6	7.1	7.1	7.0	7.2	7.3	7.0	7.3	7.5	9.7

14: E D Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	2.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Total Del/Veh (s)	21.8	34.3	21.7	18.0	16.9	20.1	19.0	16.3	19.7	20.0	20.8

15: E D Street & E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.2	0.0	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	13.8	14.5	14.4	15.9	14.3	15.6	14.5	14.6	15.0	14.6	14.7

16: E D Street & ST Driveway Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
Total Del/Veh (s)	1.7	1.8	1.8	3.0	1.7	1.6	1.5	1.8	1.9	1.6	1.8

17: E D Street & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	1.2	2.6	1.1	1.7	0.7	0.5	2.8	4.1	0.4	1.3	1.6
Total Del/Veh (s)	19.9	20.5	21.9	22.8	19.9	21.4	24.5	22.4	21.4	24.1	21.9

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	3.3	3.0	3.9	3.8	3.7	3.9	3.5	3.3	3.1	3.9	3.5

19: E McKinley Way & E 34th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.4	7.1	7.0	7.5	7.5	6.5	7.6	7.0	7.0	6.6	7.1

20: E E Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.6	1.7	1.0	0.9	1.5	0.8	1.1	0.7	1.1	1.2	1.1
Total Del/Veh (s)	14.4	25.2	13.9	13.6	14.4	12.9	15.5	13.7	14.4	15.0	15.2

21: E F Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.3	4.8	0.3	0.3	0.3	0.4	0.5	0.3	0.5	0.1	0.7
Total Del/Veh (s)	6.7	20.6	6.2	6.9	7.7	7.2	6.0	6.1	6.0	5.8	7.8

22: E G Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	3.8	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.5
Total Del/Veh (s)	12.6	22.2	12.0	11.0	12.5	14.4	13.1	12.0	11.9	12.5	13.3

23: E G Street & E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Total Del/Veh (s)	22.1	21.0	21.0	21.3	20.4	22.9	22.2	20.7	23.6	22.2	21.8

24: E L Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	2.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.3
Total Del/Veh (s)	4.7	25.0	7.7	5.3	12.6	7.3	6.7	7.8	5.1	12.2	9.2

25: E L Street & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.6	1.6	1.9	1.5	1.6	1.5	1.6	1.6	1.7	1.7	1.6

26: E Wiley Avenue & E L Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.0	5.7	5.9	6.0	6.0	5.6	5.9	5.6	5.7	5.9	5.8

27: E L Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.2	1.3	1.3	1.3	1.2	1.2	1.4	1.3	1.3	1.3	1.3

28: E L Street & E 34th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.0	3.5	3.2	3.1	3.0	2.8	3.3	3.3	3.0	3.5	3.2

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	123.5	232.3	166.8	268.8	123.3	152.3	141.0	101.7	32.0	15.2	136.2
Total Del/Veh (s)	57.4	67.8	47.8	67.5	87.6	47.9	67.1	44.2	43.2	33.4	55.5

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	138.4	83.7	107.2	191.7	226.3	48.1	221.1	48.9	90.9	16.5	115.8
Total Del/Veh (s)	160.3	153.9	127.7	207.8	227.9	111.1	206.6	127.7	150.9	85.3	152.6

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	3.0	54.8	10.3	7.0	26.5	10.0	4.3	6.8	1.8	0.9	11.9
Total Del/Veh (s)	60.9	96.3	59.6	77.7	92.7	60.0	72.6	66.9	56.4	49.4	68.2

32: E Portland Ave & E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	4.9	11.7	8.7	10.2	20.9	1.9	13.5	10.2	7.5	2.2	8.8
Total Del/Veh (s)	52.2	63.6	36.5	60.2	78.3	35.9	61.5	49.3	45.3	36.3	50.8

33: E Portland Ave & E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	1.3	0.1	0.3	0.7	0.0	1.6	0.3	0.1	0.1	0.4
Total Del/Veh (s)	40.7	52.1	28.9	48.0	61.8	31.7	47.4	40.0	40.0	29.9	41.2

34: E Portland Ave & E 27th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	4.9	5.5	0.4	0.9	27.0	0.6	4.8	9.5	0.7	5.3	5.4
Total Del/Veh (s)	35.9	43.7	30.9	36.4	43.0	37.0	36.6	45.2	33.7	32.0	37.1

35: E Portland Ave & E 28th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.7	0.5	3.0	8.8	1.2	0.3	0.7	0.6	1.1	1.6
Total Del/Veh (s)	52.1	59.7	49.4	75.5	107.4	60.9	49.0	55.3	48.3	52.3	59.6

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	1.6	1.3	4.7	0.6	32.4	2.0	1.0	5.4	3.9	22.4	7.3
Total Del/Veh (s)	23.5	21.9	29.5	22.4	42.2	26.6	26.0	27.4	28.9	31.6	27.8

37: E R Street & E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	68.6	57.7	56.9	91.4	69.7	67.7	50.7	58.3	71.9	54.6	64.2
Total Del/Veh (s)	105.1	109.7	94.4	145.2	241.1	131.6	133.8	116.5	121.7	155.5	129.9

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	560.2	537.7	577.2	450.1	796.8	570.4	523.1	612.2	489.2	587.8	569.4
Total Del/Veh (s)	62.0	62.2	61.2	71.6	108.3	62.6	65.8	64.7	66.0	68.1	67.7

39: E S Street & E 28th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.7	0.8	5.6	0.4	0.5	0.8	0.3	0.7	0.9
Total Del/Veh (s)	96.7	104.3	94.9	111.0	161.0	98.6	103.1	106.8	101.3	98.9	105.8

40: E R Street & E 30th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	5.0	5.3	5.4	5.4	5.0	5.4	5.0	5.2	5.4	5.0	5.2

41: E R Street & E 32nd Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	3.5	3.7	4.2	3.7	22.5	4.0	5.0	4.5	4.4	4.3	5.8

43: Pioneer Way & River Road Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	177.0	272.4	53.8	231.8	176.0	248.9	260.7	202.0	361.3	296.1	229.0
Total Del/Veh (s)	100.0	104.6	82.1	122.3	119.9	117.4	118.4	109.9	138.8	140.5	113.9

49: E 27th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.1	2.6	1.9	1.7	2.1	2.4	2.0	2.2	1.9	2.1	2.1

50: E Portland Ave Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	5.8	4.6	5.1	12.3	40.0	8.1	4.1	4.2	4.2	20.4	10.3

56: E 26th Street/E G Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.3	2.1	2.9	2.8	2.0	10.0	2.7	2.4	2.5	3.3	3.5

59: Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.5	0.3	0.3	90.8	0.4	0.3	0.6	0.3	0.4	9.4
Total Del/Veh (s)	0.4	1.6	0.4	0.5	46.4	0.5	0.7	1.7	0.4	0.5	4.5

80: Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	26.1	9.3	15.3	38.6	83.0	32.7	18.1	8.3	19.2	24.8	25.3

82: E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	3.3	17.1	1.0	39.5	0.1	2.7	37.1	105.7	0.7	88.5	30.0
Total Del/Veh (s)	7.8	14.8	9.5	15.5	4.7	8.8	20.4	20.2	8.7	20.2	13.1

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.6	0.7	0.5	0.5	0.7	0.6	0.6	0.6	0.5	0.6

102: E 26th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.2	0.0	2.1	0.1	0.1	0.0	0.0	0.3
Total Del/Veh (s)	18.4	16.0	19.9	19.1	12.9	28.0	20.6	20.2	18.6	25.4	20.0

110: E 27th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	2.4	2.1	2.1	2.3	2.2	2.1	2.5	2.1	2.4	2.2

120: E R Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	2.2	2.1	2.2	2.2	2.6	2.2	2.3	2.2	2.2	2.2	2.2

136: E Portland Ave Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.9	7.5	1.7	1.3	6.8	1.5	1.6	4.2	1.5	1.3	2.7
Total Del/Veh (s)	35.0	40.2	26.0	38.4	43.7	30.0	36.4	36.4	33.2	24.8	33.9

137: Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	3.6	0.0	0.0	0.7	0.2	0.0	0.1	0.0	0.0	0.4
Total Del/Veh (s)	3.6	15.7	4.2	3.3	8.1	5.7	3.6	6.5	3.1	3.6	5.6

141: Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	2.1	2.1	2.0	2.1	1.8	1.5	1.7	2.1	2.2	2.0

144: E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	6.0	2.6	0.0	16.2	0.0	0.0	0.0	2.6
Total Del/Veh (s)	187.2	133.7	109.7	207.3	371.5	0.8	355.2	42.2	76.5	0.7	144.0

985: Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.8	30.3	15.4	8.4	19.5	17.5	12.0	20.2	9.5	10.2	15.1

988: E 26th Street/E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	6.6	1.8	0.6	3.0	1.7	3.2	9.1	1.3	3.4	3.0	3.4
Total Del/Veh (s)	40.0	37.4	32.3	78.9	85.3	70.4	55.7	40.6	59.4	72.1	54.9

989: Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	2.0	5.7	3.3	80.5	212.7	14.1	1.8	2.1	4.0	61.8	36.2
Total Del/Veh (s)	2.8	3.1	3.5	12.0	31.3	6.2	3.5	2.5	3.7	6.4	6.5

990: Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	9.0	0.0	0.0	0.0	0.0	0.0	0.7
Total Del/Veh (s)	3.8	3.8	3.9	5.0	15.2	3.9	4.0	3.9	4.0	4.0	4.8

991: E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	211.1	186.9	147.4	293.2	319.6	282.6	337.1	228.1	311.0	408.0	255.7

992: E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.4	2.9	0.0	0.1	5.6	4.4	2.9	3.0	23.7	62.2	8.3
Total Del/Veh (s)	105.2	95.5	64.7	151.8	211.1	157.1	178.4	121.2	164.0	205.6	134.0

993: E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.9	1.0	1.0	1.8	35.2	0.9	2.6	3.0	1.4	4.8	4.2

994: E 26th Street & E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	33.2	0.0	0.0	0.0	0.0	0.0	2.6
Total Del/Veh (s)	1.4	1.5	1.5	1.3	58.1	1.4	1.6	2.3	1.5	1.6	5.7

995: E Bay Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.1	0.0	0.2	0.1
Total Del/Veh (s)	0.8	0.9	0.8	0.8	0.8	0.9	0.7	0.8	0.7	0.8	0.8

997: E G Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	3.3	8.3	4.1	3.6	2.8	4.8	4.3	2.9	3.4	3.0	4.0

998: E 25th Street Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total Del/Veh (s)	3.5	3.0	2.9	3.2	3.2	3.1	3.1	3.3	3.1	2.8	3.1

999: Puyallup Avenue Performance by run number

Run Number	1	10	11	2	3	4	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
Total Del/Veh (s)	2.0	9.6	1.8	2.1	1.6	1.8	1.9	1.9	1.8	1.9	2.6

Total Network Performance By Run

Run Number	1	10	11	2	3	4	5
Denied Del/Veh (s)	151.0	188.1	130.3	171.6	196.8	168.4	190.1
Total Del/Veh (s)	187.2	206.0	172.3	219.6	245.2	190.9	213.0

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	166.7	172.9	174.6	171.2
Total Del/Veh (s)	189.0	199.1	193.1	201.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	24.3	18.0	16.2	1.0	0.2	1.0	0.0	0.0	0.0	0.0	3.5	1.4
Total Del/Veh (s)	58.4	72.9	61.7	42.4	24.9	14.3	54.9	48.0	31.8	33.1	54.8	27.4

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.5	5.0
Total Del/Veh (s)	15.6	40.8

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	48.1	28.1	6.8	43.8	25.4	9.0	40.6	42.6	37.3	37.5	29.2	33.5

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.3	0.5	0.3	0.1	0.1	0.0	0.1	0.0	0.3	0.0	0.4	0.3
Total Del/Veh (s)	34.7	29.9	12.4	49.9	47.9	51.9	31.9	35.9	38.0	37.1	37.8	36.3

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	34.0

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.0	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	43.0	45.2	7.0	35.1	35.7	35.1	45.1	24.3	17.0	23.0	17.4	7.0

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	27.9

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.3	0.3	0.1	0.1	0.1	3.3	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	15.8	16.1	10.4	24.9	20.8	13.5	13.0	12.7	4.9	13.1	6.3	8.8

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	0.0	0.2	0.0	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.2
Total Del/Veh (s)	19.5	12.2	2.0	2.0	9.5	6.3	5.9	33.7	34.0	4.1	37.8	37.6

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	0.1	0.2
Total Del/Veh (s)	17.2	7.6

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.5	6.9	20.4	7.7	40.5	47.1	0.5	5.2	10.2

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	4.6	3.4	12.1	5.2	37.3	11.0	5.9

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	40.7	42.8	12.2
Total Del/Veh (s)	1.0	1.0	309.8	53.2	46.0

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.2	0.0	0.1	0.0	0.1
Total Del/Veh (s)	13.2	17.6	9.0	23.1	13.3	31.2	30.1	16.7	34.6	33.6	16.4	24.1

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	1.2	0.1	0.0	0.0	0.1
Total Del/Veh (s)	3.4	33.5	6.0	5.1	1.0	3.4

12: C Street & E 26th Street Performance by movement

Movement	EBU	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	7.8	8.0	1.9	0.3	1.1	0.4	53.9	26.4	2.2	9.8	4.3

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.9	0.3	0.0	0.0	1.2	3.1	0.6
Total Del/Veh (s)	23.0	12.3	11.0	3.9	7.0	2.2	9.7

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	1.1	1.4	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	36.5	16.6	9.0	25.0	18.9	5.8	24.5	21.7	13.3	42.6	40.5	9.6

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	20.8

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.1
Total Del/Veh (s)	28.6	24.4	14.1	12.0	6.4	2.9	23.1	19.7	12.9	14.7

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Del/Veh (s)	5.0	2.3	1.0	0.4	1.8

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	5.4	2.8	2.6	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	48.2	11.5	9.9	16.9	12.1	11.0	47.3	30.0	10.7	26.2	24.1	16.6

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	1.6
Total Del/Veh (s)	21.9

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.3	0.0	0.0
Total Del/Veh (s)	5.3	4.1	9.5	8.8	6.4	0.2	0.4	2.9	1.7	3.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	12.0	9.3	10.0	5.7	7.4	3.8	6.1	6.9	4.2	6.6	4.7	5.4

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	7.1

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.2	0.2	0.7	0.1	0.1	4.4	2.5	4.9	0.1	0.1	0.1
Total Del/Veh (s)	19.8	10.9	8.2	14.2	10.1	3.5	32.8	36.4	24.7	25.8	26.1	7.5

20: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	1.1
Total Del/Veh (s)	15.2

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.2	0.0	6.8	9.1	0.7
Total Del/Veh (s)	10.9	7.9	3.1	10.5	13.7	5.1	24.7	16.2	7.8

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	1.1	1.6	0.0	0.0	0.2	0.0	0.3	0.1	0.5
Total Del/Veh (s)	12.2	9.3	19.1	7.0	37.5	18.8	13.9	39.6	13.3

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1		0.1	0.0	0.0	0.0	0.4	0.1
Total Del/Veh (s)	31.0	26.0	12.9	43.0		24.9	16.4	9.9	28.3	21.1	21.8

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.5	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	6.4	5.7	3.4	12.9	1.6	0.7	94.8	0.3	58.7	59.8	53.7	16.3

24: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	9.2

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.1	6.5	3.8	5.9	4.9	4.3	3.4	1.7	1.6	2.4	0.8	0.8

25: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.6

26: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.8	0.1	2.6	5.2	6.5	2.9	5.8	5.9	4.4	5.8

27: E L Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.3	4.0	1.7	1.3

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	9.3	4.0	6.7	8.2	3.6	2.3	0.2	0.0	1.6	1.6	3.2

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	194.0	178.4	136.2
Total Del/Veh (s)	29.7	1.1	75.7	79.3	55.5

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	472.9	439.4	0.2	0.0	115.8
Total Del/Veh (s)	147.1	581.6	9.7	100.9	152.6

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	4.4	11.9	11.5	22.8	20.0	24.3	0.0	0.0	5.8	7.0	8.8	11.9
Total Del/Veh (s)	55.1	46.8	46.2	86.8	26.9	7.0	31.2	2.3	88.9	158.3	9.9	68.2

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	201.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	8.8
Total Del/Veh (s)	528.3	13.6	17.0	0.7	1.2	2.2	43.2	44.0	50.8

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	8.8	0.4	7.2	0.4	0.5	0.0	0.4
Total Del/Veh (s)	109.0	1.3	10.9	205.8	1.1	1.1	39.7	56.8	45.7	41.2

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.1	0.2	10.8	5.5	5.4
Total Del/Veh (s)	59.6	27.6	8.5	41.9	24.2	42.6	12.8	37.1

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	1.8	0.4	0.5	2.3	3.2	1.9	0.8	1.6
Total Del/Veh (s)	60.4	61.5	13.0	92.8	50.2	97.3	23.6	59.6

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.2	0.1	0.3	0.0	0.0	21.9	19.2	21.5	0.1	0.0	0.0
Total Del/Veh (s)	28.7	20.1	21.4	30.3	13.3	16.8	28.4	38.3	40.7	34.4	15.9	15.4

36: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	7.3
Total Del/Veh (s)	27.8

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	142.3	0.0	1.5	64.2
Total Del/Veh (s)	235.1	170.3	42.6	129.9

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	888.1	900.3	0.0		1.7	0.5	569.4
Total Del/Veh (s)	132.8	39.8	84.9		29.9	8.1	67.7

39: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	1.0	2.2	2.5	0.6	0.9	2.0	0.0	0.0	0.9
Total Del/Veh (s)	142.1	157.0	142.2	41.6	61.9	61.8	103.7	101.6	105.8

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	6.7	4.2	5.1	5.8	4.9	0.3	3.6	6.0	3.4	5.2

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	2.5	0.4	0.4	0.9	0.5	0.6	0.0	0.0	0.0
Total Del/Veh (s)	4.6	1.4	1.0	5.3	4.7	5.6	19.4	13.4	9.3	11.8	12.0	9.0

41: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	5.8

43: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	663.0	178.2	169.9	229.0
Total Del/Veh (s)	19.8	14.2	308.0	213.7	178.9	113.9

49: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	1.7	1.3	4.7	2.1

50: E Portland Ave Performance by movement

Movement	EBL	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.2	1.1	0.2	0.0	0.1
Total Del/Veh (s)	69.9	84.2	5.9	61.7	14.1	13.8	13.4	3.6	10.3

56: E 26th Street/E G Street Performance by movement

Movement	EBT	EBR	WBT	NBL	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.2	1.7	2.7	21.0	3.5

59: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	11.8	9.4
Total Del/Veh (s)	11.4	2.7	4.5

80: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	3.3	0.0
Total Del/Veh (s)	19.1	14.8	1040.0	25.3

82: E 26th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	204.5	0.1	30.0
Total Del/Veh (s)	4.5	1.6	1.5	0.8	76.5	8.6	13.1

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.3	0.3	0.6

102: E 26th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.4	0.2	0.1	0.1	0.3
Total Del/Veh (s)	9.4	5.3	28.2	23.1	3.0	6.2	20.0

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	2.3	1.9	2.2

120: E R Street Performance by movement

Movement	EBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Del/Veh (s)	3.2	2.1	1.4	2.2

136: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	7.3	3.6	2.7
Total Del/Veh (s)	4.2	2.8	1.3	31.7	45.3	33.9

137: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	1.1	1.5	0.0	0.0	0.0	0.0	0.4
Total Del/Veh (s)	6.3	3.2	11.2	4.3	0.0	12.1	5.6

141: Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.0	2.0

144: E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	All
Denied Del/Veh (s)	8.5	5.1	0.0	0.0	0.0	2.6
Total Del/Veh (s)	159.4	290.6	0.2	0.1	0.0	144.0

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0
Total Del/Veh (s)	17.1	9.2	11.1	25.6	15.1

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)		0.0	9.4	3.4
Total Del/Veh (s)		27.0	104.2	54.9

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	62.5	36.2
Total Del/Veh (s)	7.7	5.6	6.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.3	1.0	0.7
Total Del/Veh (s)	4.9	4.7	4.8

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	283.0	220.0	255.7

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	12.5	4.4	8.3
Total Del/Veh (s)	244.4	22.9	134.0

993: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.4	6.9	0.9	4.2

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.6	0.0	0.0	0.0	14.9	4.6	7.5	2.6
Total Del/Veh (s)	3.1	6.6	0.5	0.3	0.5	13.4	15.4	16.1	5.7

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1
Total Del/Veh (s)	1.6	1.3	0.6	0.8

997: E G Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.4	0.4	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	15.9	9.0	6.0	3.7	2.1	1.2	4.0

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.4	5.8	3.1

999: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.0	0.0	0.4	0.1	0.1	0.1
Total Del/Veh (s)	2.8	1.5	3.3	1.0	1.5	7.6	19.5	16.8	2.6

Total Network Performance

Denied Del/Veh (s)	171.2
Total Del/Veh (s)	201.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	2.9	0.2	0.3	1.0	0.3	0.9	0.0	0.1	0.0	0.0	3.7	1.0
Total Del/Veh (s)	37.2	39.4	21.4	48.8	27.7	17.0	40.8	46.7	26.5	32.0	50.2	25.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	3.7	0.5
Total Del/Veh (s)	10.9	31.9

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	4.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.1
Total Del/Veh (s)	31.3	31.3	5.0	33.7	18.1	10.7	43.6	42.8	34.2	26.4	20.0	33.2

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.7	1.0	0.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	29.3	27.6	5.6	21.2	12.9	13.3	19.6	25.8	29.9	23.1	17.3	12.0

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	22.3

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	2.8	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	37.3	31.2	3.6	31.8	23.7	17.6	29.5	23.3	25.1	20.0	8.2	3.4

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.5
Total Del/Veh (s)	22.8

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.2	0.2	0.1	0.1	0.1	2.9	0.2	0.3	0.0	0.0	0.0
Total Del/Veh (s)	16.3	15.1	7.9	16.0	15.0	10.4	8.9	8.2	3.2	10.9	3.1	4.0

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	7.7

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	8.8	3.1	2.5	8.4	5.7	5.0	44.3	40.6	5.2	40.9	6.9	5.5

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	11.1	9.3	16.8	10.3	40.5	0.4	3.9	11.1

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	5.3	2.7	14.3	15.0	2.3	18.7	5.6	4.6

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	635.6	628.6	310.9
Total Del/Veh (s)	6.2	0.4	312.9	209.3	105.2

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	34.8	31.1	30.3	20.1	9.1	7.1	19.2	20.9	15.3	45.0	29.9	11.1

10: C Street & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	23.7

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	35.4	0.1	0.0	0.2	0.3	0.0	0.0	0.0	0.7
Total Del/Veh (s)	24.1	45.8	13.8	11.5	9.4	26.4	4.0	0.8	11.5

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	73.7	104.5	0.0	0.0	0.6
Total Del/Veh (s)	6.3	8.1	0.5	13.0	1.8	1.0	278.5	325.2	290.7	138.6	11.6

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.6	0.4	0.1	0.0	0.6	3.3	0.4
Total Del/Veh (s)	30.0	8.5	7.6	4.4	5.9	1.4	7.6

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.2	0.8	0.4	0.0	0.0	0.0	0.0	0.1	0.1	4.7	3.2	2.8
Total Del/Veh (s)	26.7	18.4	9.0	34.8	17.8	6.3	17.6	17.0	17.6	65.3	53.6	5.3

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	1.0
Total Del/Veh (s)	23.8

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	2.3	0.1
Total Del/Veh (s)	23.4	23.9	21.4	15.8	15.5	11.1	96.4	24.9	19.4	23.7

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.1	0.2
Total Del/Veh (s)	6.5	19.8	2.4	0.5	17.9

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.6	0.1	1.1	0.1	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	47.4	19.7	16.3	16.8	9.8	10.2	37.2	55.0	44.5	29.8	6.9	6.9

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.3
Total Del/Veh (s)	28.7

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.3	8.9	2.2	5.7	0.7	0.5	3.6	0.9	0.7	1.5

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.5	0.4	0.4	0.0	0.0	0.0
Total Del/Veh (s)	7.7	8.2	6.3	5.9	6.9	3.7	7.4	8.7	5.9	5.0	4.2	3.7

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	7.2

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Del/Veh (s)	11.7	12.6	8.0	5.8	7.5	10.3	3.5	2.6	38.9	5.6	4.3	6.1

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.5	0.3	0.0	0.3	0.3	0.1	0.1
Total Del/Veh (s)	10.6	3.8	2.6	6.8	9.0	3.1	24.2	8.7	30.6	4.3

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.0
Total Del/Veh (s)	16.7	9.1	5.0	11.0	6.6	4.7	29.6	11.8	8.6	4.2	9.9

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	33.8	25.1	14.6	43.2	0.6	12.3	8.6	5.9	19.6	9.7	13.9

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	4.7	1.5	0.9	10.8	4.7	4.9	59.5	1.0	45.0	21.4	8.2	8.8

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.9	5.8	4.4	3.5	3.6	1.8	1.7	2.2	0.4	0.4	1.7

26: E Wiley Avenue/S 27th Street & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.2	0.4	3.0	5.1	6.4	3.2	6.3	5.2	3.5	5.3

27: E L Street & S 28th Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	0.8	9.0	1.5	1.6

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.0	0.1	0.1
Total Del/Veh (s)	8.6	3.6	5.8	5.7	3.5	2.0	0.2	0.7	0.1	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	0.0
Total Del/Veh (s)	5.9	1.3	0.3	0.2	2.0

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	18.8	5.1	5.2	3.5	5.6

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.8	0.3	3.6	0.2	3.6	0.0	0.3	0.2	0.0	0.0	0.4
Total Del/Veh (s)	45.8	33.9	3.3	49.5	24.6	9.2	27.0	18.6	27.1	15.4	1.8	24.2

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBT	EBR	WBT	WBR	NBU	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	0.6	11.9	15.2	42.9	4.9	6.8	1.9	0.7	1.9	4.0	1.9	5.5

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Total Del/Veh (s)	66.5	33.0	15.9	6.1	23.2	4.6	1.4	11.4	30.1	0.9	0.8	7.3

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.5	0.3	0.2
Total Del/Veh (s)	23.7	15.4	18.1	42.6	14.5	9.7	3.1	15.1

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	34.4	30.3	1.9	34.3	23.5	36.6	6.2	25.2

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	11.3	7.7	8.7	0.2	0.0	0.0	5.5
Total Del/Veh (s)	28.5	5.2	26.1	0.2	15.1	10.6	16.6	17.8	15.4	2.1	1.3	13.8

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Del/Veh (s)	10.4	2.6	9.2	9.5

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.3	0.5	0.0	0.0	0.7	0.1	0.5
Total Del/Veh (s)	16.2	18.2	24.2	0.3	12.2	1.9	14.5

39: E S Street & E 28th Street Performance by movement

Movement	EBT	SBL2	SBT	NWR	NWR2	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	23.4	21.9	1.5	37.7	37.8	24.6

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	5.0	3.5	4.7	5.5	0.1	3.2	4.6

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBT	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	2.4	0.8	0.4	0.4	6.6	4.2	6.2	3.4	3.0

43: Pioneer Way & E Bay Street/SR 167 (River Road) Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.1	0.1	5.0	2.9	2.1	2.8
Total Del/Veh (s)	17.2	11.6	50.6	48.5	28.8	38.8

45: E 25th Street Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.4	0.1
Total Del/Veh (s)	2.6	1.4	9.0	4.4

46: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.0	0.4	0.0	0.1	0.1
Total Del/Veh (s)	0.5	6.5	1.4	6.8	1.4

47: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBT	All
Denied Del/Veh (s)	3.8	2.6	0.9	0.0	0.0	0.1	0.0	0.0	0.4
Total Del/Veh (s)	37.2	15.2	17.0	3.1	10.4	2.9	8.7	1.0	7.8

48: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.3	1.7	4.9	2.5

69: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	0.9	0.0	0.1
Total Del/Veh (s)	5.2	2.1	0.9	13.5	1.4	1.9

82: E 25th Street Performance by movement

Movement	EBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.7	2.7

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.0	0.5	0.9

110: E 25th Street Performance by movement

Movement	EBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.2	2.2

137: S 27th Street Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	0.1	0.1

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Del/Veh (s)	2.8	4.0	8.1	4.0

986: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.1	0.0	0.1
Total Del/Veh (s)	2.5	0.8	2.1

987: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	0.2	0.1
Total Del/Veh (s)	0.3	0.1	0.2

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)	0.0	0.0	1.3	0.9
Total Del/Veh (s)	0.4	0.8	19.3	13.6

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	0.3	0.1
Total Del/Veh (s)	0.6	0.1	0.5

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.0	0.1	0.1
Total Del/Veh (s)	4.8	1.9	3.4

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	74.7	55.6	66.1

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	5.5	1.7	2.9

993: E Bay Street Performance by movement

Movement	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.2	0.2
Total Del/Veh (s)	0.6	6.0	5.1

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	45.1	20.8	30.5

996: E Portland Ave Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.0	0.0	0.2
Total Del/Veh (s)	88.9	60.6	81.5	64.5	71.2	8.7	14.9	15.8	25.0	1.7	1.5	13.4

997: E G Street Performance by movement

Movement	EBL	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.4	3.1	2.0	0.7	0.5	2.4

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.5	0.5	9.3	0.6

999: Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.0	2.0	1.3	4.0	0.9	0.2	24.4	15.0	15.9	4.9

Total Network Performance

Denied Del/Veh (s)	41.2
Total Del/Veh (s)	90.1

1: Pacific Avenue & S 21st Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	15.5	3.8	2.9	9.1	16.2	3.5	11.0	13.4	12.5	23.4	11.2
Total Del/Veh (s)	51.6	41.3	41.6	48.3	48.3	45.8	51.8	45.6	47.6	52.4	47.4

2: Pacific Avenue & S 24th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1
Total Del/Veh (s)	30.8	33.2	33.6	32.6	34.2	31.7	31.0	32.0	30.3	33.3	32.2

3: Pacific Avenue & E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.3	0.5	0.3	0.3	0.5	0.5	0.3	0.2	0.5	0.4
Total Del/Veh (s)	39.3	34.0	33.8	33.6	35.4	34.2	36.2	33.0	31.4	38.3	35.0

4: Pacific Avenue & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Total Del/Veh (s)	26.8	26.9	30.0	25.1	25.8	26.0	26.4	26.4	26.7	26.7	26.7

5: Pacific Avenue & E 34th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1
Total Del/Veh (s)	10.0	10.7	10.5	9.6	10.5	9.9	10.0	10.6	10.8	10.1	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1
Total Del/Veh (s)	8.1	7.3	6.9	6.6	7.6	7.3	6.8	8.1	10.2	7.0	7.6

7: Car Wash Dwy/A Street & E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	35.6	10.7	11.3	16.5	11.0	8.5	9.1	11.4	10.3	9.8	13.6

8: A Street & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.8	5.6	11.5	4.5	5.6	5.1	5.8	5.1	5.9	4.6	5.8

9: I-705 Off-Ramp & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	117.4	68.2	354.0	4.2	44.3	74.5	64.1	0.8	0.2	33.3	77.8
Total Del/Veh (s)	95.5	90.7	132.3	56.7	92.0	68.2	105.6	26.5	24.3	74.6	76.4

10: C Street & E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Del/Veh (s)	29.2	30.5	29.2	26.4	27.5	29.0	26.4	21.7	23.5	28.0	27.3

11: C Street & ST Driveway Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.1
Total Del/Veh (s)	5.6	3.8	6.7	3.3	3.0	5.8	4.7	3.9	5.2	2.9	4.5

12: C Street & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	16.4	7.1	36.5	1.6	10.7	0.0	15.8	0.5	0.1	5.7	9.4
Total Del/Veh (s)	33.4	26.9	35.7	18.5	25.9	7.6	30.5	8.9	9.4	22.8	21.9

13: E D Street & E Dock Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.5	0.6
Total Del/Veh (s)	7.0	6.9	7.0	6.7	6.8	7.2	6.7	8.1	7.3	6.4	7.0

14: E D Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.3	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.2
Total Del/Veh (s)	18.1	16.9	21.0	18.0	20.7	19.7	19.8	20.9	20.0	23.3	19.8

15: E D Street & E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Total Del/Veh (s)	26.7	27.9	28.2	24.5	28.3	28.8	27.0	26.8	26.3	29.0	27.4

16: E D Street & ST Driveway Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.2	0.2	0.1	0.1	0.0	0.1	0.0	0.1	0.2	0.1
Total Del/Veh (s)	8.1	8.1	6.5	5.5	6.0	8.7	8.4	6.8	8.3	6.3	7.3

17: E D Street & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.4	0.5	0.6	0.4	0.3	0.3	0.5	0.2	0.2	0.3	0.4
Total Del/Veh (s)	41.1	40.5	41.8	35.6	38.8	28.7	43.1	26.5	33.0	37.7	36.7

18: E McKinley Way/E D Street & E Wiley Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	2.6	2.4	2.7	2.8	2.5	2.9	2.4	2.4	3.1	2.6

19: E McKinley Way & E 34th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	7.6	7.4	6.6	7.1	7.2	6.9	6.7	7.5	6.3	7.2	7.1

20: E E Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.7	1.1	0.6	1.0	0.7	0.8	0.8	1.2	1.2	0.9
Total Del/Veh (s)	14.8	13.2	15.0	12.6	14.7	12.9	14.1	12.6	13.9	16.9	14.1

21: E F Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.3	0.7	0.4	0.5	0.2	0.5	0.6	0.4	0.2	0.3	0.4
Total Del/Veh (s)	7.1	6.9	6.3	6.9	6.4	7.1	8.3	6.8	5.7	6.4	6.8

22: E G Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2
Total Del/Veh (s)	10.7	10.9	12.0	12.1	13.7	12.1	10.9	12.8	11.7	11.3	11.8

23: E G Street & E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.1	0.8	0.2
Total Del/Veh (s)	30.2	39.8	43.2	30.9	37.3	38.3	81.9	47.2	27.0	111.0	48.9

24: E L Street & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.1	0.0	0.1	0.1	7.7	0.1	0.1	0.1	0.1	0.9
Total Del/Veh (s)	10.5	4.2	5.4	6.0	9.2	29.5	11.7	8.2	4.8	6.7	9.5

25: E L Street & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.7	1.6	1.9	1.5	1.7	1.7	1.8	1.9	1.7	1.8	1.7

26: E Wiley Avenue & E L Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.7	5.5	5.7	5.8	5.8	5.9	5.8	5.6	5.5	5.8	5.8

27: E L Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.4	1.3

28: E L Street & E 34th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1
Total Del/Veh (s)	2.8	2.9	2.9	3.1	3.0	2.9	2.7	3.0	2.9	3.0	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	244.0	166.1	3.7	41.1	39.0	249.1	0.3	391.2	119.5	0.2	126.9
Total Del/Veh (s)	65.5	58.5	14.7	44.3	29.1	56.5	7.8	84.0	39.6	5.1	38.6

30: E Portland Ave & SR 509 Off-Ramp Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	117.2	114.3	1.4	39.7	9.0	91.8	2.4	203.9	36.8	10.0	58.9
Total Del/Veh (s)	150.5	140.8	42.0	111.9	71.1	139.8	69.4	221.9	108.8	68.6	107.2

31: E Portland Ave & Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	13.0	2.0	2.8	1.1	7.7	106.0	0.7	9.1	35.8	0.8	17.1
Total Del/Veh (s)	83.7	58.2	41.8	48.9	54.5	86.3	38.2	82.8	67.9	37.8	58.9

32: E Portland Ave & E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	11.9	4.6	0.5	2.8	1.1	13.5	6.9	7.1	13.5	5.8	6.7
Total Del/Veh (s)	64.8	51.8	19.7	42.6	34.0	53.0	29.3	67.6	50.9	29.6	43.4

33: E Portland Ave & E 26th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.6	0.2	0.3	0.4	0.2	0.3	0.0	1.3	1.3	0.2	0.5
Total Del/Veh (s)	53.8	50.5	20.0	44.0	36.5	48.9	29.5	64.1	53.0	32.3	42.6

34: E Portland Ave & E 27th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.5	4.6	0.3	0.4	7.8	15.0	1.4	0.6	1.0	11.3	4.3
Total Del/Veh (s)	39.6	38.3	30.4	32.6	38.0	39.5	30.5	41.3	39.8	30.4	35.8

35: E Portland Ave & E 28th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.6	7.2	0.8	0.3	1.6	0.8	0.5	1.1	7.5	0.2	2.0
Total Del/Veh (s)	54.6	74.1	37.6	42.9	66.8	55.6	49.0	70.3	72.3	41.6	56.1

36: E Portland Ave & E 32nd Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.5	3.3	0.2	3.5	6.8	1.5	1.1	4.2	10.8	0.3	3.2
Total Del/Veh (s)	23.1	28.3	20.7	30.3	32.4	23.7	24.0	27.9	29.8	23.3	26.3

37: E R Street & E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	46.7	77.7	45.4	91.8	89.1	73.1	66.1	109.0	73.0	57.3	72.4
Total Del/Veh (s)	149.5	135.2	134.7	129.8	193.6	130.8	118.1	142.5	121.2	108.4	134.3

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	566.4	523.3	542.9	520.6	767.6	561.9	643.4	548.8	427.9	635.3	574.5
Total Del/Veh (s)	68.4	73.8	67.8	66.7	87.3	68.8	68.0	69.0	69.0	65.6	69.9

39: E S Street & E 28th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.8	1.0	0.3	0.7	3.0	0.7	0.7	0.7	1.0	0.6	0.9
Total Del/Veh (s)	104.0	105.2	82.4	105.0	136.0	109.6	102.3	105.3	100.8	99.7	104.3

40: E R Street & E 30th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	3.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
Total Del/Veh (s)	5.0	78.1	5.1	5.3	5.2	5.0	5.2	5.2	14.2	5.4	13.7

41: E R Street & E 32nd Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total Del/Veh (s)	3.5	5.0	4.0	4.1	5.1	3.9	3.9	3.7	4.4	4.5	4.2

43: Pioneer Way & River Road Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	148.5	318.5	278.3	222.6	329.3	138.1	201.1	185.0	284.7	46.8	212.8
Total Del/Veh (s)	108.7	135.7	117.6	133.4	197.2	114.9	135.1	136.5	136.1	72.4	125.8

45: E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2
Total Del/Veh (s)	3.4	3.2	3.8	2.9	3.0	3.1	3.7	3.5	3.3	3.5	3.4

46: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.5	1.8	1.5	1.7	3.5	5.3	1.6	1.9	1.8	1.6	2.2

50: E Portland Ave Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	4.1	39.6	3.7	3.9	21.0	5.3	4.7	7.7	25.0	4.0	11.9

59: Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.5	0.4	0.4	0.4	17.0	0.6	0.3	0.3	0.3	0.4	2.1
Total Del/Veh (s)	1.8	0.5	0.4	0.5	7.5	1.3	0.4	0.8	0.6	0.5	1.4

80: Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	1.5	0.0	0.0	0.3	0.1	0.4	0.8	0.0	0.0	0.1	0.3
Total Del/Veh (s)	42.6	51.0	52.6	48.6	86.8	63.4	49.3	37.0	56.4	42.1	51.8

82: E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.4	2.5	2.4	2.5	2.8	2.2	2.8	2.8	2.9	2.5	2.6

98: E Bay Street & Portland Ave LT Loop Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.5	0.6	0.6	0.6

102: E 27th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	3.0	2.5	2.5	2.2	2.4	2.2	2.1	2.7	2.1	2.4

110: E 27th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.2	2.3	2.5	2.2	2.2	2.3	2.2	2.3	2.3	2.3	2.3

120: E R Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	23.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5
Total Del/Veh (s)	2.1	26.5	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.3	4.7

124: E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	2.1	2.8	1.9	1.9	2.0	2.4	2.3	2.1	2.6	2.2

136: E Portland Ave Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.9	0.5	0.8	0.9	4.5	1.2	0.4	1.6	1.0	0.9	1.2
Total Del/Veh (s)	34.2	32.5	16.5	29.5	25.0	31.9	23.8	39.5	36.1	23.3	28.9

137: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.1	3.4	0.0	0.2	0.0	0.0	0.4
Total Del/Veh (s)	8.1	3.2	3.1	3.7	7.0	16.0	3.4	4.5	3.6	3.6	5.5

141: Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.1	1.8	2.3	2.0	1.9	2.1	1.9	2.2	2.0	1.9	2.0

144: E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	15.1	4.1	0.0	0.0	0.0	3.5	0.0	10.2	18.5	0.0	5.1
Total Del/Veh (s)	305.8	209.1	10.8	63.0	37.2	183.1	19.6	370.9	340.3	98.3	160.3

985: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	20.2	8.4	8.5	10.3	16.1	26.0	8.7	12.2	14.6	9.7	13.3

988: E 26th Street/E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	1.1	5.5	4.6	0.6	8.7	1.4	6.2	3.0	2.8	0.7	3.2
Total Del/Veh (s)	63.4	78.0	77.3	83.2	126.2	81.1	76.4	81.0	74.9	55.2	77.9

989: Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	81.9	174.2	166.7	194.2	286.3	215.7	181.9	32.6	267.8	55.8	164.7
Total Del/Veh (s)	8.8	11.9	12.1	10.7	29.9	15.1	12.3	6.5	14.9	9.7	12.6

990: Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	2.7	0.1	0.0	0.1	0.1	0.0	0.3
Total Del/Veh (s)	3.9	4.1	4.0	4.1	9.9	4.8	4.0	3.9	4.1	3.8	4.5

991: E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	294.4	270.9	314.2	335.7	436.7	288.0	297.6	359.0	261.5	186.3	296.0

992: E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	59.0	0.4	34.7	19.3	2.3	36.2	14.0	7.1	0.0	16.8
Total Del/Veh (s)	159.6	152.8	153.8	172.1	245.4	150.3	152.0	175.8	137.4	116.2	157.7

993: E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.1	3.7	1.5	1.2	15.9	1.2	1.1	1.5	2.9	1.3	2.9

994: E 26th Street & E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.4
Total Del/Veh (s)	1.4	2.1	1.4	1.6	15.2	1.5	1.5	1.7	1.8	1.4	2.8

995: E Bay Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.1	0.0	0.2	0.1	0.0	0.1	0.1
Total Del/Veh (s)	0.8	0.8	0.7	0.7	0.9	0.7	0.7	0.8	0.7	0.9	0.8

997: E G Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.9	3.4	3.5	4.0	4.2	2.9	2.6	4.3	3.7	2.9	3.5

998: E 25th Street Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.2	0.1	0.2	0.1	0.1	1.0	1.2	2.7	0.1	1.8	0.8
Total Del/Veh (s)	6.5	6.0	11.4	5.2	3.2	8.6	11.2	14.6	3.6	11.2	8.3

999: Puyallup Avenue Performance by run number

Run Number	1	10	11	13	14	3	5	7	8	9	Avg
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	1.9	1.7	1.8	1.8	1.9	1.9	1.7	1.7	1.9	1.9	1.8

Total Network Performance By Run

Run Number	1	10	11	13	14	3	5
Denied Del/Veh (s)	174.3	193.6	206.7	159.8	196.3	191.7	170.5
Total Del/Veh (s)	220.5	225.5	183.7	199.5	225.1	219.7	197.7

Total Network Performance By Run

Run Number	7	8	9	Avg
Denied Del/Veh (s)	179.1	181.9	122.3	177.7
Total Del/Veh (s)	225.4	213.7	179.1	209.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	25.9	41.8	45.5	1.1	0.2	0.9	0.0	0.1	0.0	0.0	6.2	4.9
Total Del/Veh (s)	71.4	90.3	85.8	50.3	25.8	13.5	47.0	47.4	32.3	32.1	67.2	41.1

1: Pacific Avenue & S 21st Street Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	6.5	11.2
Total Del/Veh (s)	37.0	47.4

2: Pacific Avenue & S 24th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	44.3	30.7	7.9	38.0	23.1	11.0	39.7	38.5	37.8	37.0	27.5	32.2

3: Pacific Avenue & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.4	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.3	0.9
Total Del/Veh (s)	36.5	30.0	11.5	61.4	65.2	73.4	27.8	34.0	35.4	34.9	35.9	35.9

3: Pacific Avenue & E 25th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	35.0

4: Pacific Avenue & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	3.0	0.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	42.3	44.1	6.1	33.7	34.3	32.8	45.1	23.2	16.2	22.1	16.3	7.7

4: Pacific Avenue & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	26.7

5: Pacific Avenue & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.3	0.3	0.1	0.1	0.1	3.4	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	16.6	16.5	11.2	21.9	20.1	12.9	13.0	12.6	4.9	12.5	6.5	8.6

5: Pacific Avenue & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.1
Total Del/Veh (s)	10.3

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Del/Veh (s)	0.0	0.2	0.0	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	16.8	16.1	2.5	1.8	9.7	6.4	4.0	22.1	30.0	4.5	35.7	36.4

6: A Street & S 24th Street/Puyallup Avenue Performance by movement

Movement	SBR	All
Denied Del/Veh (s)	0.2	0.1
Total Del/Veh (s)	17.6	7.6

7: Car Wash Dwy/A Street & E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	NBT	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.0	7.3	21.4	11.6	40.9	45.9	0.6	15.3	13.6

8: A Street & E 26th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	5.9	4.5	12.5	4.3	37.9	9.3	5.8

9: I-705 Off-Ramp & E 26th Street Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.3	0.0	248.6	251.8	77.8
Total Del/Veh (s)	18.3	0.7	344.0	185.9	76.4

10: C Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	22.0	24.2	16.1	20.2	18.4	40.5	32.9	16.2	32.5	35.0	16.4	27.3

11: C Street & ST Driveway Performance by movement

Movement	EBR	WBR	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.1	0.8	0.0	0.0	0.0	0.1
Total Del/Veh (s)	5.6	27.9	5.2	2.6	1.4	4.5

12: C Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	527.8	474.1	0.0	0.0	9.4
Total Del/Veh (s)	18.6	29.6	9.2	2.5	1.8	729.2	578.7	1.6	9.6	21.9

13: E D Street & E Dock Street Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	3.4	0.3	0.0	0.0	1.2	3.1	0.6
Total Del/Veh (s)	22.7	5.9	10.3	4.2	4.0	1.9	7.0

14: E D Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.3	0.6	1.5	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Total Del/Veh (s)	38.2	16.8	7.8	25.6	19.4	6.8	22.7	19.4	13.6	38.1	36.8	9.6

14: E D Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	19.8

15: E D Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.1
Total Del/Veh (s)	39.1	43.0	28.2	30.1	23.5	12.3	41.3	30.1	19.2	27.4

16: E D Street & ST Driveway Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.2	0.0	0.0	0.1
Total Del/Veh (s)	6.4	10.4	1.6	0.6	7.3

17: E D Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.3	0.8	0.8	0.9	0.1	0.0	0.1	0.0	0.0
Total Del/Veh (s)	132.4	32.0	28.0	17.9	13.0	10.8	44.8	30.0	24.0	24.5	26.5	20.2

17: E D Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.4
Total Del/Veh (s)	36.7

18: E McKinley Way/E D Street & E Wiley Avenue Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Total Del/Veh (s)	6.5	4.2	9.7	9.0	6.2	0.3	0.1	3.2	1.7	2.6

19: E McKinley Way & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	11.1	9.1	10.0	6.5	6.9	3.5	6.1	7.4	4.1	6.8	4.6	5.1

19: E McKinley Way & E 34th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	7.1

20: E E Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	0.0	0.1	0.4	0.1	0.1	4.1	4.6	3.7	0.1	0.1	0.1
Total Del/Veh (s)	18.6	7.6	4.5	15.1	10.1	5.1	33.8	29.9	26.0	27.1	24.5	8.6

20: E E Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.9
Total Del/Veh (s)	14.1

21: E F Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBU	WBL	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.1	0.0	4.8	5.2	0.4
Total Del/Veh (s)	7.4	6.1	3.7	19.8	10.1	5.4	24.1	11.7	6.8

22: E G Street & Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	All
Denied Del/Veh (s)	0.2	0.7	0.0	0.1	0.3	0.0	0.1	0.1	0.2
Total Del/Veh (s)	9.4	6.8	16.9	6.9	34.3	15.9	10.0	40.0	11.8

23: E G Street & E 25th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.6		2.0	0.0	0.0	0.0	0.2	0.2
Total Del/Veh (s)	39.7	35.6	27.6	295.8		238.2	20.8	14.3	21.2	21.3	48.9

24: E L Street & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.0	1.8	3.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Total Del/Veh (s)	10.6	4.8	4.3	12.3	1.5	0.3	106.3	0.3	72.3	43.6	48.5	18.7

24: E L Street & Puyallup Avenue Performance by movement

Movement	All
Denied Del/Veh (s)	0.9
Total Del/Veh (s)	9.5

25: E L Street & E 26th Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.1	6.4	3.8	6.0	7.4	3.0	4.0	1.7	1.7	2.5	0.8	0.6

25: E L Street & E 26th Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.0
Total Del/Veh (s)	1.7

26: E Wiley Avenue & E L Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.0	0.1	2.5	5.6	6.6	2.9	5.6	5.9	4.4	5.8

27: E L Street Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.7	0.3	4.1	1.7	1.3

28: E L Street & E 34th Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.1
Total Del/Veh (s)	8.8	3.3	6.2	6.9	3.6	2.3	0.2	0.2	1.6	2.1	2.9

29: E Portland Ave & SR 509 On-Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	179.0	199.6	126.9
Total Del/Veh (s)	22.5	1.1	51.5	57.1	38.6

30: E Portland Ave & SR 509 Off-Ramp Performance by movement

Movement	EBL	EBR	NBT	SBT	All
Denied Del/Veh (s)	255.2	229.0	0.0	0.0	58.9
Total Del/Veh (s)	80.7	347.6	7.5	73.2	107.2

31: E Portland Ave & Puyallup Avenue Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	6.0	11.1	14.5	41.4	36.9	36.2	0.0	0.0	10.4	4.9	3.0	17.1
Total Del/Veh (s)	60.7	45.2	35.3	86.7	26.1	5.6	29.8	2.3	69.3	123.8	6.1	58.9

32: E Portland Ave & E 25th Street Performance by movement

Movement	EBR	WBR	NBL	NBT	NBR	NBR2	SBT	SBR	All
Denied Del/Veh (s)	194.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	6.7
Total Del/Veh (s)	578.8	14.8	739.4	0.6	1.0	2.1	35.7	35.7	43.4

33: E Portland Ave & E 26th Street Performance by movement

Movement	EBR	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	1.3	0.3	0.7	0.0	0.5
Total Del/Veh (s)	64.2	2.1	9.4	119.6	1.1	1.0	47.9	60.0	42.9	42.6

34: E Portland Ave & E 27th Street Performance by movement

Movement	WBL	WBT	WBR	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.3	7.4	10.1	4.3
Total Del/Veh (s)	60.1	25.8	8.4	43.3	23.9	39.8	11.2	35.8

35: E Portland Ave & E 28th Street Performance by movement

Movement	EBL	EBT	EBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.1	0.4	3.4	7.9	1.3	0.5	2.0
Total Del/Veh (s)	49.8	54.7	9.6	86.0	47.5	92.2	24.1	56.1

36: E Portland Ave & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.1	0.0	9.7	8.4	9.0	0.1	0.0	0.0
Total Del/Veh (s)	21.1	23.8	10.4	28.9	14.4	13.5	30.3	36.7	39.0	33.8	14.5	13.1

36: E Portland Ave & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	3.2
Total Del/Veh (s)	26.3

37: E R Street & E Bay Street Performance by movement

Movement	WBL	WBT	SBT	All
Denied Del/Veh (s)	176.1	0.0	0.4	72.4
Total Del/Veh (s)	267.6	142.6	40.9	134.3

38: E 27th Street/I-5 SB Off-Ramp & E R Street Performance by movement

Movement	WBL	WBT	NBL	NBT	SBT	SBR	All
Denied Del/Veh (s)	889.7	899.2	0.0		0.7	0.1	574.5
Total Del/Veh (s)	135.6	41.9	90.5		31.3	6.4	69.9

39: E S Street & E 28th Street Performance by movement

Movement	EBT	EBR	EBR2	SBL2	SBL	SBT	NWR	NWR2	All
Denied Del/Veh (s)	1.0	0.9	4.0	0.8	1.2	1.2	0.0	0.0	0.9
Total Del/Veh (s)	137.9	161.3	135.5	43.5	62.3	63.4	101.0	99.1	104.3

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	1.2	7.7	0.0	0.0	0.0	0.0	0.0	0.5
Total Del/Veh (s)	6.9	4.5	35.4	26.5	21.6	0.6	6.2	9.2	32.8	13.7

41: E R Street & E 32nd Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Del/Veh (s)	0.1	0.0	0.0	2.2	0.4	0.4	0.2	0.2	0.2	0.0	0.0	0.0
Total Del/Veh (s)	4.7	1.5	1.0	3.1	1.6	1.7	15.7	12.7	7.0	12.4	13.1	7.3

41: E R Street & E 32nd Street Performance by movement

Movement	All
Denied Del/Veh (s)	0.2
Total Del/Veh (s)	4.2

43: Pioneer Way & River Road Performance by movement

Movement	EBT	EBR	WBT	NBL	NBR	All
Denied Del/Veh (s)	0.0	0.0	573.7	200.4	197.5	212.8
Total Del/Veh (s)	18.4	23.6	314.7	265.5	225.3	125.8

45: E 25th Street Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.0	0.0	0.4	0.2
Total Del/Veh (s)	2.7	1.4	5.4	3.4

46: Puyallup Avenue Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Del/Veh (s)	0.1	0.1	0.0	0.1	0.0
Total Del/Veh (s)	1.5	7.2	1.8	12.1	2.2

50: E Portland Ave Performance by movement

Movement	EBL	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.2	0.4	0.2	0.0	0.1
Total Del/Veh (s)	75.3	105.6	24.3	84.6	14.2	15.1	11.9	3.6	11.9

59: Performance by movement

Movement	EBT	SEL	All
Denied Del/Veh (s)	0.0	2.6	2.1
Total Del/Veh (s)	1.6	1.3	1.4

80: Performance by movement

Movement	EBT	EBR	NBR	All
Denied Del/Veh (s)	0.3	0.7	0.1	0.3
Total Del/Veh (s)	48.1	30.4	665.6	51.8

82: E 25th Street Performance by movement

Movement	EBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.6	2.6

98: E Bay Street & Portland Ave LT Loop Performance by movement

Movement	NBR	NET	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	1.3	0.3	0.6

102: E 27th Street Performance by movement

Movement	WBT	WBR	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.0
Total Del/Veh (s)	2.1	1.6	4.6	2.4

110: E 27th Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	2.4	1.9	2.3

120: E R Street Performance by movement

Movement	EBR	SBT	SBR	All
Denied Del/Veh (s)	6.6	0.0	0.1	2.5
Total Del/Veh (s)	8.5	4.8	1.8	4.7

124: E 25th Street Performance by movement

Movement	EBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.2	2.2

136: E Portland Ave Performance by movement

Movement	WBR	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.1	0.1	2.5	1.6	1.2
Total Del/Veh (s)	4.1	2.9	1.4	29.9	38.4	28.9

137: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	All
Denied Del/Veh (s)	0.9	0.0	0.0	0.0		0.0	0.4
Total Del/Veh (s)	5.5	1.1	11.1	4.8		12.3	5.5

141: Performance by movement

Movement	WBT	All
Denied Del/Veh (s)	0.0	0.0
Total Del/Veh (s)	2.0	2.0

144: E 25th Street Performance by movement

Movement	EBL	EBT	WBT	WBR	SBT	All
Denied Del/Veh (s)	1.2	10.5	0.0	0.0	0.0	5.1
Total Del/Veh (s)	283.3	325.2	0.2	0.2	0.0	160.3

985: Puyallup Avenue Performance by movement

Movement	EBT	WBT	SWT	SWR	All
Denied Del/Veh (s)	0.2	0.0	0.0	0.1	0.1
Total Del/Veh (s)	13.0	8.7	6.7	26.3	13.3

988: E 26th Street/E Bay Street Performance by movement

Movement	EBT	EBR	NWT	All
Denied Del/Veh (s)		0.0	9.1	3.2
Total Del/Veh (s)		55.2	118.8	77.9

989: Performance by movement

Movement	EBT	NER	All
Denied Del/Veh (s)	0.0	284.7	164.7
Total Del/Veh (s)	11.9	13.2	12.6

990: Performance by movement

Movement	EBL	EBT	All
Denied Del/Veh (s)	0.1	0.4	0.3
Total Del/Veh (s)	4.9	4.2	4.5

991: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0
Total Del/Veh (s)	335.6	246.2	296.0

992: E Bay Street Performance by movement

Movement	WBL	WBT	All
Denied Del/Veh (s)	18.6	15.2	16.8
Total Del/Veh (s)	291.1	29.2	157.7

993: E Bay Street Performance by movement

Movement	EBT	EBR	WBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.5	4.4	1.0	2.9

994: E 26th Street & E Bay Street Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBL	SBR	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	1.9	1.5	1.3	0.4
Total Del/Veh (s)	2.8	1.5	1.2	0.2	0.4	8.0	10.2	9.0	2.8

995: E Bay Street Performance by movement

Movement	EBT	WBT	WBR	All
Denied Del/Veh (s)	0.0	0.0	0.1	0.1
Total Del/Veh (s)	1.3	1.2	0.6	0.8

997: E G Street Performance by movement

Movement	EBR	NBT	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	5.2	4.9	1.8	0.9	3.5

998: E 25th Street Performance by movement

Movement	EBL	EBT	SBL	All
Denied Del/Veh (s)	0.0	0.0	2.6	0.8
Total Del/Veh (s)	1.7	2.3	22.4	8.3

999: Puyallup Avenue Performance by movement

Movement	EBT	EBR	WBL	WBT	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Total Del/Veh (s)	1.1	0.8	3.4	1.0	1.5	5.1	20.9	18.2	1.8

Total Network Performance

Denied Del/Veh (s)	177.7
Total Del/Veh (s)	209.1

40: E R Street & E 30th Street Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR	All
Denied Del/Veh (s)	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Total Del/Veh (s)	6.6	4.4	5.8	6.3	8.0	0.6	3.6	6.0	8.7	6.2

ATTACHMENT C

I-5 Clear Zone Analysis

Attachment C: I-5 Clear Zone Analysis
Location of Tacoma Dome Link Extension Alternatives within I-5 Right-of-Way

C.1 Introduction

The Tacoma Dome Link Extension (TDLE) Alternative would extend the regional light rail system south from the interim terminus of the Federal Way Link Extension (FWLE) at the Federal Way Transit Center (opening in 2024) to the Tacoma Dome area near the existing Tacoma Dome Station. It would extend through the cities of Federal Way, Milton, Fife, and Tacoma, and the Puyallup Tribe of Indians Reservation, and would connect Pierce and South King County residents to the regional light rail network, including direct access to Seattle-Tacoma International Airport (Sea-Tac Airport) and downtown Seattle. The TDLE corridor is approximately 10 miles in length and would involve the construction of elevated and at-grade segments south of the Federal Way Transit Center. The TDLE alternatives have a proposed segment along southbound I-5 in Federal Way, Milton, and Fife, and a proposed rail-only bridge that would cross the Puyallup River into Tacoma.

The Regional Transportation Plan (PSRC 2018), which is the 2018 update to the Transportation 2040 Regional Transportation Plan first adopted in May 2010, describes PSRC's engagement with WSDOT "to identify near-term actions to improve system performance and close additional funding gaps" and the development of a "State Facilities Action Plan to address several strategic issues facing state facilities in the central Puget Sound region." Among the I-5 operational improvement strategies are shoulder running, HOV policy, and managed lanes.

With this WSDOT system performance plan, coordination efforts between TDLE staff and WSDOT's Sound Transit Liaison staff in the Regional Transit Coordination Office settled on reserving an additional 38 feet (28-foot expansion with a 10-foot buffer) beyond the I-5 existing edge of traveled way for I-5 system improvements. The future WSDOT 28-foot expansion area is configured this way: 12 feet for an additional travel lane (Express Toll Lane), 14 feet for shoulder running (known as Bus on Shoulder), and 2 feet for roadside barrier. It may be necessary to seek concurrence with WSDOT leadership and/or emergent project leadership in the future. See Figure C-1, Future WSDOT Expansion, below for more details on the future WSDOT expansion area.

Within the TDLE study area adjacent to I-5, light rail guideway will be constructed alongside the western edge of the interstate right-of-way. Given the project's current level of conceptual design, it is premature to define the precise location of the light rail guideway that will be located along the interstate right-of-way. If for the Final Environmental Impact Statement, Sound Transit identifies a Preferred Alternative within the I-5 right-of-way, additional analysis and more detailed design will help inform the specific siting of the guideway within the right-of-way.

To help decision-makers and the public understand potential impacts of an alignment occurring along I-5 right-of-way, Sound Transit has assumed in this Draft Environmental Impact Statement that the guideway will generally follow the western edge of the interstate right-of-way. This is to ensure that potential impacts to neighboring properties and land uses are disclosed as fully as possible given the current level of design. It also reflects the general practice of agencies with jurisdiction over interstate highways (in Washington state, FHWA and WSDOT) to locate non-highway uses as far as possible from an existing highway. There are several reasons for this approach, including the following:

- **Safety.** As the distance diminishes between the proposed non-highway structure and the highway pavement, the risk to highway users increases. The amount of increased hazard at any location depends on factors like the specific highway configuration, location-specific highway volumes,

average speeds, topography, and the distance from the edge of pavement to the structure/barrier. The effect could range from a very slight increase in the accident rate to a substantial increase, depending on the factors involved. Safety mitigation measures may help, but WSDOT and FHWA believe they may not mitigate all safety concerns. For example, a guardrail in front of the structure may mitigate the increased hazard of a non-highway use's large concrete pier, but guardrails themselves are potential hazards.

- **Future highway-related needs for the right-of-way.** The highway agencies must also determine that any use of the right-of-way leaves enough room to accommodate reasonably foreseeable highway expansion needs, considering the width of the right-of-way and the anticipated regional growth. Even if highway expansion is not precluded after the introduction of the non-highway use, such projects become more difficult and expensive if there is inadequate right-of-way in which to work. In addition to potentially needing right-of-way for new lanes, highway agencies may also need it for requirements such as new or improved drainage/stormwater facilities, signage, new or existing technologies to improve traffic management, environmental mitigation, upgrading stormwater facilities, and innovative interchange designs. For example, grassy swales within a right-of-way provide an effective stormwater treatment. They can be replaced with concrete vaults, but vaults are more costly and require more maintenance.
- **Operations and maintenance.** The highway agencies must also maintain their roadways. As the amount of right-of-way decreases, the likelihood that maintenance will disrupt traffic increases. If maintenance vehicles have to use the highway shoulders, that also increases risk to motorists. And just as insufficient right-of-way can make new construction more costly, it can increase maintenance costs.

FHWA and WSDOT also recognize that site-specific constraints along the undeveloped right-of-way exist and may require flexibility to adjust the location of the transit guideway to avoid impacts or problems. For example, moving a guideway closer to the pavement from the edge of the right-of-way in some locations could reduce visual and noise impacts; it may avoid or reduce impacts to streams or wetlands or other natural features at a specific location; it may resolve constructability conflicts or serious cost problems due to working in or around existing infrastructure in the area; or, it may mitigate or avoid other problems that would exist if the guideway were on the edge of the right-of-way.

To inform the definition of TDLE Alternatives and to provide an initial evaluation of the trade-offs described above, Sound Transit conducted an analysis to compare potential alignment configurations under the existing edge of traveled way and the future edge of traveled way geometry.

If the Sound Transit board identifies a preferred alternative that would use portions of the I-5 right-of-way, Sound Transit must secure from WSDOT and FHWA agreements and approvals for such use, or to modify other parts of the freeway, such as shoulders or existing noise walls. Sound Transit has coordinated with FHWA and WSDOT during conceptual design to identify where the alternatives evaluated in the Draft Environmental Impact Statement could potentially use the I-5 right-of-way. If an alternative using the I-5 right-of-way is identified as preferred, additional design coordination and analysis will occur during the development of the Final Environmental Impact Statement. Ultimate approvals would not occur until final design of the TDLE. During final design, FHWA and WSDOT could require modifications or place other conditions on the project that might require other environmental reviews.

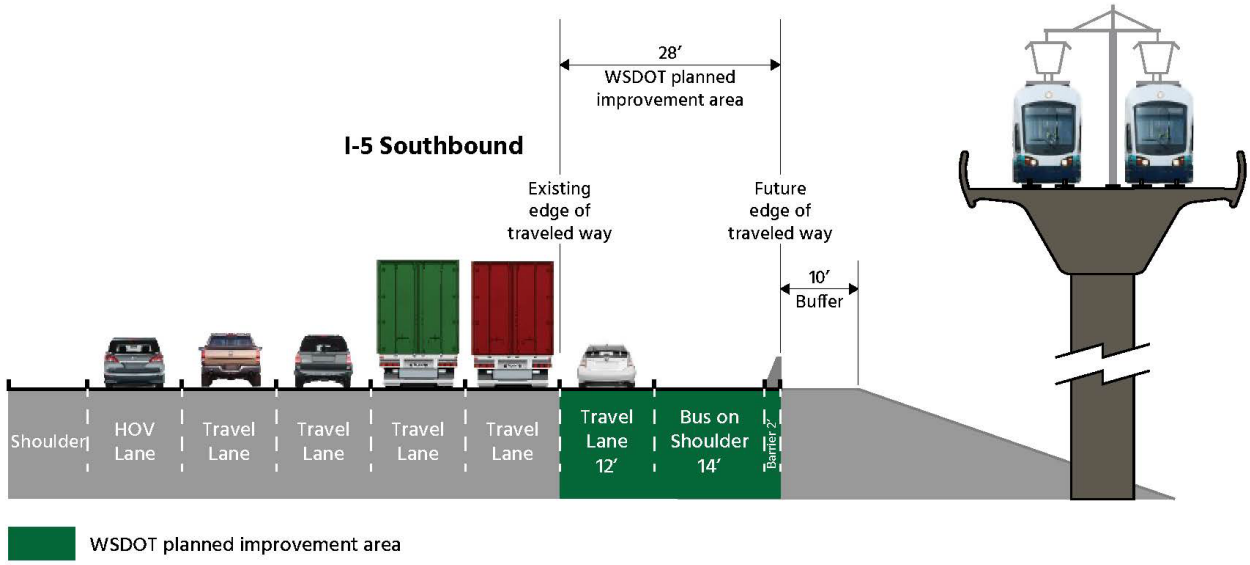

Figure C-1 Future WSDOT I-5 Southbound Expansion and TDLE Proposed Alignment (looking south)

C.2 Comparison of Impacts

The comparison of TDLE alignments under existing and future edge of traveled way scenarios involved the inventory of existing roadside hazards located within I-5 right-of-way, and the assessment of additional barrier needed to maintain design clear zone widths as a result of TDLE construction.

C.2.1 Clear Zone Impacts

The American Association of State Highway and Transportation Officials (AASHTO) Roadside Design Guide (AASHTO 2011) defines a clear zone or clear roadside border area as an unobstructed, relatively flat area beyond the edge of the traveled way that allows a driver to stop safely or regain control of a vehicle that leaves the traveled way.

A minimum clear-zone area is defined by geometric considerations, including where a recoverable slope is present and where the area is free of fixed objects. The clear-zone definition is based on posted speed limits, daily traffic volumes, and roadside geometrics. In areas where minimum clear-zone conditions cannot be met, longitudinal barriers (guardrail, barrier, or walls) or impact attenuators can be provided to “shield” vehicles from roadside hazards. These hazards generally include:

- Non-recoverable slopes (slopes steeper than 1 foot vertical to 4 feet horizontal)
- Tree stands
- Signs and signal supports
- Communications cabinets
- Power poles
- Other landscaping elements
- Street grade separation

Existing Conditions

Within the portion of the TDLE alignment that is adjacent to I-5, from S 324th Street to 70th Avenue E and from 46th Avenue E to 20th Street E, approximately 13,900 feet of clear zone (almost 43 percent of the total length) exists along the I-5 southbound mainline roadside. The remaining 57 percent (approximately 18,360 feet) is currently shielded by guardrail, walls, or barriers.

The shielded segments of the southbound I-5 roadside include 13,630 feet where WSDOT could potentially create a clear zone by alteration, removal, or relocation of the roadside hazards described above. The remaining 4,730 feet of barrier would shield grade-separated streets or streams and a clear zone cannot be created. The length of barrier and clear zone for the segment of TDLE adjacent to I-5 are documented in Table C-1.

Table C-1 TDLE Alignment Adjacent to Southbound I-5

Condition	Existing Conditions [1]
Length of Barrier (in feet)	18,360
Length of Clear Zone (in feet)	13,900
Segment Length (in feet)[1]	32,260

Notes:
(1) Measured along I-5 from S 324th Street to 70th Ave E and from 46th Avenue E to 20th Street E

Proposed Conditions

Table C-2 documents the additional barrier that would be required as a result of TDLE construction adjacent to I-5 in the event of future I-5 expansion as described previously. The table includes the length where TDLE would potentially be adjacent to I-5 and a range of additional barrier required as a result of TDLE construction, the lower end of the range represents the preferred alternative while the higher end of the range represents using SF I-5 and Fife I-5 alignments in those areas. In areas where a clear zone is not currently provided it was assumed that this condition would persist if I-5 was widened. Graphic representation of existing barrier locations and proposed alignments can be found in Appendix J1 Transportation Technical Report, Figures 4-29, 4-30, and 4-31.

Table C-2 TDLE Potential Impacts to SB I-5 Clear Zone

Condition	Current Conditions	Future WSDOT Expansion Area
Additional Barrier Required (in feet)[1]	1,580 – 1,880	6,930 – 7,230
Total Length (in feet)[2]	32,260	32,260

Notes:
(1) Represents barrier added to segment as a result of TDLE construction.
(2) Represents total length of areas where TDLE is adjacent to I-5.

C.2.1.1 Operation

The impacts on the clear zone identified in Table C-2 and a qualitative assessment of potential changes in crash rates associated with the changes in the clear zone are described in this section. Crash data records were collected from WSDOT for the most recent full 3-year period from January 2016 to December 2018 for the TDLE project area.

Without I-5 Widening

When compared to the current conditions plus construction of the planned 324th Street interchange, the Preferred Alignment would affect approximately 1,600 feet of the I-5 southbound clear zone adjacent to Oakland Hills Boulevard. Between January 2016 and December 2018, this section of I-5 southbound (from S 320th Avenue to SR 18) experienced approximately 210 crashes. There would likely be minimal changes in crash rates under the “without-widening” condition and, therefore, minimal impacts to safety conditions along I-5.

The Fife I-5 alignment alternative would also affect a short portion of the I-5 southbound clear zone. Approximately 300 feet of the existing clear zone would be eliminated at the southern end of the Port of Tacoma Road interchange. Between January 2016 and December 2018, this section of I-5 southbound (between 54th Avenue East and Port of Tacoma Road) experienced approximately 250 crashes. Under the “without-widening” condition, there would likely be minimal increases in crash frequencies on southbound I-5 within the Fife I-5 segment and, therefore, minimal impacts to safety conditions along I-5.

With I-5 Widening

The following section assumes the I-5 mainline southbound traveled way would extend 28 feet beyond its current location, as shown in Figure C-1. It is assumed ramps would not be not widened. In this condition, the preferred alternative would have a significant impact on the I-5 southbound clear zone. Approximately 6,900 feet of clear zone would be eliminated by TDLE project elements adjacent to Oakland Hills Boulevard and between 12th Avenue S and 70th Avenue E. Between January 2016 and December 2018, this section of I-5 southbound (from S 320th Avenue to SR 18) experienced approximately 210 crashes. Implementing the I-5 widening condition within this segment of I-5 could result in increased crash frequencies along southbound I-5 and could impact safety conditions along I-5.

The SF I-5 alignment alternative would also affect a portion of the I-5 southbound clear zone. Approximately 800 feet of the existing clear zone would be eliminated from Enchanted Parkway S to Milton Road S. Between January 2016 and December 2018, the section of I-5 southbound between SR 18 and 54th Avenue East experienced approximately 870 crashes. Under the SF I-5 alignment alternative, there would likely be increases in crash frequencies on southbound I-5 within this segment and, therefore, impacts to safety conditions along I-5.

As with the “not-widened” condition, the Fife I-5 Alternative would affect a short portion of the I-5 southbound clear zone. Approximately 300 feet of the existing clear zone would be eliminated at the southern end of the Port of Tacoma Road interchange. Between January 2016 and December 2018, this section of I-5 southbound (between 54th Avenue East and Port of Tacoma Road) experienced approximately 250 crashes. Under the widening condition, there would likely be increases in crash frequencies on southbound I-5 within the Fife I-5 segment and, therefore, impacts to safety conditions along I-5.

Highway Maintenance Activities

WSDOT routinely performs maintenance activities along I-5. Maintenance activities generally include mowing, stormwater facility maintenance, spraying noxious weeds, accessing Intelligent Transportation System equipment and signs, and removing invasive plant species. Typical maintenance activities, such as mowing, are generally performed within a 10-foot-wide area adjacent to the edge of pavement. To perform these maintenance activities, WSDOT will typically park vehicles on the shoulder and provide advance warning signage to drivers. For maintenance access west of the guideway, such as servicing stormwater facilities and removing invasive weeds, access from I-5 would be provided beneath the guideway where there would be vertical clearances of 10 feet or more, or in some areas the right-of-way could be accessed from local streets.

As currently designed, maintenance activities could be accommodated in all areas of the corridor with each alignment and condition. A minimum 10-foot buffer between the edge of pavement and the light rail guideway would exist to facilitate maintenance activities.

C.2.1.2 Construction

Potential construction impacts and mitigation measures that would be caused by the construction of the TDLE build alternatives may include the following major activities:

- Civil construction. This includes utility relocation, foundation and column placement, guideway construction, construction worker parking, and track work, followed by construction of other facilities such as stations, park-and-ride lots and structures, and ancillary facilities.
- Traffic control and facility closures. This includes traffic control plans, road closures and detours, sidewalk closures and other nonmotorized impacts, and higher volumes on detour streets.
- Systems installation. This includes the installation of the electrical system that would power the trains.
- Testing and startup activities. Before beginning revenue operations, Sound Transit would complete a safety certification process by testing vehicles, communications, safety, and emergency systems.
- Impacts to existing transit operations.
- Impacts to Puyallup River navigation and boating activities.

The duration of construction could range from approximately 1 to 4 years in any given portion of the corridor. Activities would be most intense in the initial part of construction, with later periods involving station finishing, systems installation, and testing. For all build alternatives, construction would likely be staged and occur in approximately 0.5-mile-long work zones. Construction activities expected to have roadway impacts include utility relocation, street reconstruction, foundation and column construction, guideway placement, truck hauling, demolition, and construction staging. The impacts from truck hauling were evaluated based on the number of truck trips and potential haul routes, as discussed in the following subsection.

The SR 167 Completion Project was included in the 2042 No-Build Alternative for the TDLE analysis. The SR 167 Completion Project was originally funded over a 16-year timeline, with targeted completion in 2031. The state legislature advanced program funding in the 2019 session, accelerating project completion to 2028. It is likely that the SR 167 Completion Project construction period will overlap a portion of the TDLE construction period. Potential combined impacts of both projects being constructed at the same time are discussed in Chapter 6 (Cumulative Impacts) of the Transportation Technical Report.

C.2.1.3 Clear Zone Mitigation

In locations where the available clear zone is reduced and relocation of the guideway is not feasible, Sound Transit would work with WSDOT and FHWA to identify where mitigation would be required, such as regrading to reestablish a clear zone or installing guardrail, barriers, and/or walls. For impacted stormwater facilities, ponds may be relocated or modified and access for maintenance activities would be provided.

C.3 Conclusion

FHWA and WSDOT recognize that site-specific constraints along the undeveloped right-of-way exist and may require flexibility to adjust the location of the transit guideway to avoid impacts or problems. Sound Transit and the highway agencies acknowledge that if an alternative that uses I-5 right-of-way is identified as the Preferred Alternative, they will work collectively to perform this balancing of cost, complexity, and benefits with impacts to safety, future highway needs, and interstate maintenance and operations. A safety analysis of current alternatives shows that construction of TDLE guideway along and within I-5 southbound clear zones would likely result in a minimal increase in crash frequencies.

After the Sound Transit board identifies a Preferred Alternative, Sound Transit will prepare a Final Environmental Impact Statement with more precise and detailed information and more refined designs for that alternative. This will occur as the project team performs more detailed analysis and refines the design to reduce the project's impacts and maximize its benefits. Still more design refinements will continue after the Record of Decision during final design and permitting. Consultation with the highway agencies, other interested agencies, and the public will also continue in tandem with the design advancement. All design refinements made after the record of decision is issued will be subject to additional environmental review, consistent with the National Environmental Policy Act and the State Environmental Policy Act.

C.4 References

AASHTO (American Association of State Highway and Transportation Officials). 2011. Roadside Design Guide.

WSDOT. (Washington State Department of Transportation). 2019. WSDOT Design Manual. M 22.01.18. Available at: https://www.wsdot.wa.gov/publications/manuals/fulltext/M22-01/1600.pdf. Accessed June 12, 2020.

ATTACHMENT D

Parking Inventory and Impact Evaluation

Segment	Business Name / Location	Parking Type	FW Enchanted Parkway		
			Impacted	New	Net Loss/Gain
Federal Way	The Commons at Federal Way	Private: Business	20	17	-3
	Federal Way Park and Ride	Park and Ride / Transit Station	85	6	-79
	Academic and Athletic Center	Private: Business	245	0	-245

Summary	Subtotals	Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station	85	6	**-79**
	Private: Business	265	17	**-248**
	Private: Residential	-	-	**0**
	Public: On-Street	-	-	**0**
	Public: Off-Street	-	-	**0**
	Total	**350**	**23**	**-327**

Segment	Business Name / Location	Parking Type	Design Option: FW 55 MPH Design Option		
			Impacted	New	Net Loss/Gain
Federal Way	The Commons at Federal Way	Private: Business	29	15	-14
	Federal Way Park and Ride	Park and Ride / Transit Station	42	0	-42
	Academic and Athletic Center	Private: Business	245	0	-245

Summary	Subtotals	Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station	42	0	**-42**
	Private: Business	274	15	**-259**
	Private: Residential	-	-	**0**
	Public: On-Street	-	-	**0**
	Public: Off-Street	-	-	**0**
	Total	**316**	**15**	**-301**

Segment	Business Name / Location	Parking Type	South Federal Way Enchanted Parkway Alignment		
			Impacted	New	Net Loss/Gain
South Federal Way	Walmart*	Private: Business	270	251	-19
	34626 16th Avenue -Denny's	Private: Business	0	0	0
	U-Haul	Private: Business	13	5	-8
	Lowe's	Private: Business	134	65	-69
	37006 12th Avenue - West Side Sceptic Design	Private: Business	3	3	0
	Crossing Retail Center	Private: Business	0	0	0
	DBM Construction* - 1200 S 356th St	Private: Business	0	0	0
	Fuller Electric*	Private: Business	0	0	0
	CT Supplies LLC - 37405 Pacific Haghway	Private: Business	0	0	0
	8507 Pacific Highway	Private: Business	0	0	0
	Cedars RV Park	Private: Residential	0	0	0
	8025 Pacific Highway - Glacier West	Private: Business	0	0	0
	8011 Pacific Highway - Red Wolf Smoke Shop	Private: Business	0	0	0
	8118 Pacific Highway - Byoko Motors	Private: Business	0	0	0
	Secoma Fence - 7720 Pacific Highway	Private: Business	0	0	0
	Union Marine - 7708 Pacific Highway*	Private: Business	0	0	0
	Northwest Camping Center	Private: Business	0	0	0

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	South Federal Way Enchanted Parkway Alignment		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		420	324	**-96**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Total		**420**	**324**	**-96**

Segment	Business Name / Location	Parking Type	South Federal Way I-5 Alignment		
			Impacted	New	Net Loss/Gain
South Federal Way	Walmart*	Private: Business	0	0	0
	34626 16th Avenue -Denny's	Private: Business	0	0	0
	U-Haul	Private: Business	0	0	0
	Lowe's	Private: Business	N/A	N/A	N/A
	37006 12th Avenue - West Side Sceptic Design	Private: Business	3	3	0
	Crossing Retail Center	Private: Business	0	0	0
	DBM Construction* - 1200 S 356th St	Private: Business	0	0	0
	Fuller Electric*	Private: Business	0	0	0
	CT Supplies LLC - 37405 Pacific Haghway	Private: Business	0	0	0
	8507 Pacific Highway	Private: Business	0	0	0
	Cedars RV Park	Private: Residential	0	0	0
	8025 Pacific Highway - Glacier West	Private: Business	0	0	0
	8011 Pacific Highway - Red Wolf Smoke Shop	Private: Business	0	0	0
	8118 Pacific Highway - Byoko Motors	Private: Business	0	0	0
	Secoma Fence - 7720 Pacific Highway	Private: Business	0	0	0
	Union Marine - 7708 Pacific Highway*	Private: Business	0	0	0
	Northwest Camping Center	Private: Business	0	0	0

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	South Federal Way I-5 Alignment		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		3	3	**0**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Total		**3**	**3**	**0**

Segment	Business Name / Location	Parking Type	South Federal Way SR 99-East Alignment (S352nd Station)		
			Impacted	New	Net Loss/Gain
South Federal Way	Walmart*	Private: Business	426	406	-20
	34626 16th Avenue -Denny's	Private: Business	5	5	0
	U-Haul	Private: Business	3	3	0
	Lowe's	Private: Business	0	0	0
	37006 12th Avenue - West Side Sceptic Design	Private: Business	0	0	0
	Crossing Retail Center	Private: Business	0	0	0
	DBM Construction* - 1200 S 356th St	Private: Business	0	0	0
	Fuller Electric*	Private: Business	0	0	0
	CT Supplies LLC - 37405 Pacific Haghway	Private: Business	0	0	0
	8507 Pacific Highway	Private: Business	0	0	0
	Cedars RV Park	Private: Residential	0	0	0
	8025 Pacific Highway - Glacier West	Private: Business	0	0	0
	8011 Pacific Highway - Red Wolf Smoke Shop	Private: Business	0	0	0
	8118 Pacific Highway - Byoko Motors	Private: Business	0	0	0
	Secoma Fence - 7720 Pacific Highway	Private: Business	2	0	-2
	Union Marine - 7708 Pacific Highway*	Private: Business	0	0	0
	Northwest Camping Center	Private: Business	0	0	0

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	South Federal Way SR 99-East Alignment (S352nd Station)		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		436	414	**-22**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Total		**436**	**414**	**-22**

Segment	Business Name / Location	Parking Type	South Federal Way SR 99-West Alignment (Enchanted Parkway Station)		
			Impacted	New	Net Loss/Gain
South Federal Way	Walmart*	Private: Business	426	406	-20
	34626 16th Avenue -Denny's	Private: Business	5	5	0
	U-Haul	Private: Business	3	3	0
	Lowe's	Private: Business	0	0	0
	37006 12th Avenue - West Side Sceptic Design	Private: Business	0	0	0
	Crossing Retail Center	Private: Business	45	15	-30
	DBM Construction* - 1200 S 356th St	Private: Business	3	0	-3
	Fuller Electric*	Private: Business	9	7	-2
	CT Supplies LLC - 37405 Pacific Haghway	Private: Business	6	6	0
	8507 Pacific Highway	Private: Business	1	0	-1
	Cedars RV Park	Private: Residential	9	6	-3
	8025 Pacific Highway - Glacier West	Private: Business	1	0	-1
	8011 Pacific Highway - Red Wolf Smoke Shop	Private: Business	4	0	-4
	8118 Pacific Highway - Byoko Motors	Private: Business	0	0	0
	Secoma Fence - 7720 Pacific Highway	Private: Business	0	0	0
	Union Marine - 7708 Pacific Highway*	Private: Business	0	0	0
	Northwest Camping Center	Private: Business	0	0	0

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	South Federal Way SR 99-West Alignment (Enchanted Parkway Station)		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		503	442	**-61**
	Private: Residential		9	6	**-3**
	Public: On-Street		0	0	0
	Public: Off-Street		0	0	0
	Total		**512**	**448**	**-64**

Segment	Business Name / Location	Parking Type	Design Option: South Federal Way SR 99-West Alignment with Porter Way (Enchanted Parkway Station)		
			Impacted	New	Net Loss/Gain
South Federal Way	Walmart*	Private: Business	426	406	-20
	34626 16th Avenue -Denny's	Private: Business	5	5	0
	U-Haul	Private: Business	3	3	0
	Lowe's	Private: Business	0	0	0
	37006 12th Avenue - West Side Sceptic Design	Private: Business	0	0	0
	Crossing Retail Center	Private: Business	45	15	-30
	DBM Construction* - 1200 S 356th St	Private: Business	3	0	-3
	Fuller Electric*	Private: Business	9	7	-2
	CT Supplies LLC - 37405 Pacific Haghway	Private: Business	6	6	0
	8507 Pacific Highway	Private: Business	1	0	-1
	Cedars RV Park	Private: Residential	9	6	-3
	8025 Pacific Highway - Glacier West	Private: Business	1	0	-1
	8011 Pacific Highway - Red Wolf Smoke Shop	Private: Business	4	0	-4
	8118 Pacific Highway - Byoko Motors	Private: Business	0	0	0
	Secoma Fence - 7720 Pacific Highway	Private: Business	0	0	0
	Union Marine - 7708 Pacific Highway*	Private: Business	0	0	0
	Northwest Camping Center	Private: Business	0	0	0

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option: South Federal Way SR 99-West Alignment with Porter Way (Enchanted Parkway Station)		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		503	442	**-61**
	Private: Residential		9	6	**3**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Total		**512**	**448**	**-64**

Segment	Business Name / Location	Parking Type	Design Option: South Federal Way SR 99-East Alignment with Porter Way		
			Impacted	New	Net Loss/Gain
South Federal Way	Walmart*	Private: Business	426	406	-20
	34626 16th Avenue -Denny's	Private: Business	5	5	0
	U-Haul	Private: Business	3	3	0
	Lowe's	Private: Business	0	0	0
	37006 12th Avenue - West Side Sceptic Design	Private: Business	0	0	0
	Crossing Retail Center	Private: Business	0	0	0
	DBM Construction* - 1200 S 356th St	Private: Business	0	0	0
	Fuller Electric*	Private: Business	0	0	0
	CT Supplies LLC - 37405 Pacific Haghway	Private: Business	0	0	0
	8507 Pacific Highway	Private: Business	0	0	0
	Cedars RV Park	Private: Residential	0	0	0
	8025 Pacific Highway - Glacier West	Private: Business	0	0	0
	8011 Pacific Highway - Red Wolf Smoke Shop	Private: Business	0	0	0
	8118 Pacific Highway - Byoko Motors	Private: Business	13	9	-4
	Secoma Fence - 7720 Pacific Highway	Private: Business	2	0	-2
	Union Marine - 7708 Pacific Highway*	Private: Business	0	0	0
	Northwest Camping Center	Private: Business	0	0	0

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option: South Federal Way SR 99-East Alignment with Porter Way		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		449	423	**-26**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Total		**449**	**423**	**-26**

Segment	Business Name / Location	Parking Type	Fife Pacific Highway		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	2	0	-2
	Fife Business Park	Private: Business	136	0	-136
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	N/A	N/A	N/A
	1307 54th Ave E - Pape Material Handling	Private: Business	8	0	-8
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	45	39	-6
	4505/4507 Pacific Highway	Private: Business	N/A	N/A	N/A
	4600 Pacific Highway - Bucky's	Private: Business	13	10	-3
	4695 Pacific Highway	Private: Business	N/A	N/A	N/A
	4703/4711 Pacific Highway	Private: Business	N/A	N/A	N/A
	4716/4756 Pacific Highway	Private: Business	26	20	-6
	4802 Pacific Highway - Herfy's	Private: Business	6	6	0
	Gull & Pacific Xpress	Private: Business	30	0	-30
	1601 40th Ct - Land Rover Tacoma	Private: Business	35	35	0
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	49	49	0
	3700 Pacific Highway	Private: Business	1	1	0
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	31	31	0
	3402 Paxific Highway E - Jack in the Box	Private: Business	10	10	0
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	10	10	0
	3100 Pacific Highway E	Private: Business	17	17	0
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	N/A	N/A	N/A
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	N/A	N/A	N/A
	Camping World of Fife	Private: Business	N/A	N/A	N/A
	Fife Business Center	Private: Business	N/A	N/A	N/A
	Chateau Rainer Apartments	Private: Residential	N/A	N/A	N/A
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Fife Pacific Highway		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	N/A	N/A	N/A
	Fife RV	Private: Business	N/A	N/A	N/A
	Lexus of Tacoma at Fife	Private: Business	N/A	N/A	N/A

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Fife Pacific Highway		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		546	346	**-200**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**546**	**346**	**-200**

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway - 54th Span		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	0	0	0
	Fife Business Park	Private: Business	136	0	-136
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	N/A	N/A	N/A
	1307 54th Ave E - Pape Material Handling	Private: Business	0	0	0
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	45	39	-6
	4505/4507 Pacific Highway	Private: Business	N/A	N/A	N/A
	4600 Pacific Highway - Bucky's	Private: Business	13	10	-3
	4695 Pacific Highway	Private: Business	N/A	N/A	N/A
	4703/4711 Pacific Highway	Private: Business	N/A	N/A	N/A
	4716/4756 Pacific Highway	Private: Business	26	20	-6
	4802 Pacific Highway - Herfy's	Private: Business	6	6	0
	Gull & Pacific Xpress	Private: Business	30	0	-30
	1601 40th Ct - Land Rover Tacoma	Private: Business	35	35	0
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	49	49	0
	3700 Pacific Highway	Private: Business	1	1	0
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	31	31	0
	3402 Paxific Highway E - Jack in the Box	Private: Business	10	10	0
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	10	10	0
	3100 Pacific Highway E	Private: Business	17	17	0
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	N/A	N/A	N/A
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	N/A	N/A	N/A
	Camping World of Fife	Private: Business	N/A	N/A	N/A
	Fife Business Center	Private: Business	N/A	N/A	N/A
	Chateau Rainer Apartments	Private: Residential	N/A	N/A	N/A
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Design Option		
			Fife Pacific Highway - 54th Span		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	N/A	N/A	N/A
	Fife RV	Private: Business	N/A	N/A	N/A
	Lexus of Tacoma at Fife	Private: Business	N/A	N/A	N/A

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option		
			Fife Pacific Highway - 54th Span		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		536	346	**-190**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**536**	**346**	**-190**

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway - 54th Ave		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	0	0	0
	Fife Business Park	Private: Business	136	0	-136
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	N/A	N/A	N/A
	1307 54th Ave E - Pape Material Handling	Private: Business	8	0	-8
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	45	39	-6
	4505/4507 Pacific Highway	Private: Business	N/A	N/A	N/A
	4600 Pacific Highway - Bucky's	Private: Business	13	10	-3
	4695 Pacific Highway	Private: Business	N/A	N/A	N/A
	4703/4711 Pacific Highway	Private: Business	N/A	N/A	N/A
	4716/4756 Pacific Highway	Private: Business	26	20	-6
	4802 Pacific Highway - Herfy's	Private: Business	6	6	0
	Gull & Pacific Xpress	Private: Business	30	0	-30
	1601 40th Ct - Land Rover Tacoma	Private: Business	35	35	0
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	49	49	0
	3700 Pacific Highway	Private: Business	1	1	0
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	31	31	0
	3402 Paxific Highway E - Jack in the Box	Private: Business	10	10	0
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	10	10	0
	3100 Pacific Highway E	Private: Business	17	17	0
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	N/A	N/A	N/A
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	N/A	N/A	N/A
	Camping World of Fife	Private: Business	N/A	N/A	N/A
	Fife Business Center	Private: Business	N/A	N/A	N/A
	Chateau Rainer Apartments	Private: Residential	N/A	N/A	N/A
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Design Option		
			Fife Pacific Highway - 54th Ave		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	N/A	N/A	N/A
	Fife RV	Private: Business	N/A	N/A	N/A
	Lexus of Tacoma at Fife	Private: Business	N/A	N/A	N/A

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option		
			Fife Pacific Highway - 54th Ave		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		544	346	**-198**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**544**	**346**	**-198**

Segment	Business Name / Location	Parking Type	Fife Pacific Highway Median Alternative		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	2	0	-2
	Fife Business Park	Private: Business	154	0	-154
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	12	0	-12
	1307 54th Ave E - Pape Material Handling	Private: Business	8	0	-8
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	12	12	0
	4505/4507 Pacific Highway	Private: Business	2	0	-2
	4600 Pacific Highway - Bucky's	Private: Business	N/A	N/A	N/A
	4695 Pacific Highway	Private: Business	10	0	-10
	4703/4711 Pacific Highway	Private: Business	23	0	-23
	4716/4756 Pacific Highway	Private: Business	3	0	-3
	4802 Pacific Highway - Herfy's	Private: Business	6	6	0
	Gull & Pacific Xpress	Private: Business	30	0	-30
	1601 40th Ct - Land Rover Tacoma	Private: Business	35	35	0
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	49	49	0
	3700 Pacific Highway	Private: Business	1	1	0
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	31	31	0
	3402 Paxific Highway E - Jack in the Box	Private: Business	10	9	-1
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	10	10	0
	3100 Pacific Highway E	Private: Business	17	17	0
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	N/A	N/A	N/A
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	N/A	N/A	N/A
	Camping World of Fife	Private: Business	N/A	N/A	N/A
	Fife Business Center	Private: Business	N/A	N/A	N/A
	Chateau Rainer Apartments	Private: Residential	N/A	N/A	N/A
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Fife Pacific Highway Median Alternative		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	N/A	N/A	N/A
	Fife RV	Private: Business	N/A	N/A	N/A
	Lexus of Tacoma at Fife	Private: Business	N/A	N/A	N/A

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Fife Pacific Highway Median Alternative		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		542	288	**-254**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**542**	**288**	**-254**

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway Median Alternative - 54th Span		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	0	0	0
	Fife Business Park	Private: Business	154	0	-154
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	12	0	-12
	1307 54th Ave E - Pape Material Handling	Private: Business	0	0	0
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	12	12	0
	4505/4507 Pacific Highway	Private: Business	2	0	-2
	4600 Pacific Highway - Bucky's	Private: Business	N/A	N/A	N/A
	4695 Pacific Highway	Private: Business	10	0	-10
	4703/4711 Pacific Highway	Private: Business	23	0	-23
	4716/4756 Pacific Highway	Private: Business	3	0	-3
	4802 Pacific Highway - Herfy's	Private: Business	6	6	0
	Gull & Pacific Xpress	Private: Business	30	0	-30
	1601 40th Ct - Land Rover Tacoma	Private: Business	35	35	0
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	49	49	0
	3700 Pacific Highway	Private: Business	1	1	0
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	31	31	0
	3402 Paxific Highway E - Jack in the Box	Private: Business	10	9	-1
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	10	10	0
	3100 Pacific Highway E	Private: Business	17	17	0
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	N/A	N/A	N/A
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	N/A	N/A	N/A
	Camping World of Fife	Private: Business	N/A	N/A	N/A
	Fife Business Center	Private: Business	N/A	N/A	N/A
	Chateau Rainer Apartments	Private: Residential	N/A	N/A	N/A
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway Median Alternative - 54th Span		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	N/A	N/A	N/A
	Fife RV	Private: Business	N/A	N/A	N/A
	Lexus of Tacoma at Fife	Private: Business	N/A	N/A	N/A

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway Median Alternative - 54th Span		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		532	288	**-244**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**532**	**288**	**-244**

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway Median Alternative - 54th Ave		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	0	0	0
	Fife Business Park	Private: Business	154	0	-154
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	12	0	-12
	1307 54th Ave E - Pape Material Handling	Private: Business	8	0	-8
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	12	12	0
	4505/4507 Pacific Highway	Private: Business	2	0	-2
	4600 Pacific Highway - Bucky's	Private: Business	N/A	N/A	N/A
	4695 Pacific Highway	Private: Business	10	0	-10
	4703/4711 Pacific Highway	Private: Business	23	0	-23
	4716/4756 Pacific Highway	Private: Business	3	0	-3
	4802 Pacific Highway - Herfy's	Private: Business	6	6	0
	Gull & Pacific Xpress	Private: Business	30	0	-30
	1601 40th Ct - Land Rover Tacoma	Private: Business	35	35	0
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	49	49	0
	3700 Pacific Highway	Private: Business	1	1	0
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	31	31	0
	3402 Paxific Highway E - Jack in the Box	Private: Business	10	9	-1
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	10	10	0
	3100 Pacific Highway E	Private: Business	17	17	0
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	N/A	N/A	N/A
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	N/A	N/A	N/A
	Camping World of Fife	Private: Business	N/A	N/A	N/A
	Fife Business Center	Private: Business	N/A	N/A	N/A
	Chateau Rainer Apartments	Private: Residential	N/A	N/A	N/A
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway Median Alternative - 54th Ave		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	N/A	N/A	N/A
	Fife RV	Private: Business	N/A	N/A	N/A
	Lexus of Tacoma at Fife	Private: Business	N/A	N/A	N/A

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option: Fife Pacific Highway Median Alternative - 54th Ave		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		540	288	**-252**
	Private: Residential		0	0	**0**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**540**	**288**	**-252**

Segment	Business Name / Location	Parking Type	Fife I-5 Alignment		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	2	0	-2
	Fife Business Park	Private: Business	3	0	-3
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	N/A	N/A	N/A
	1307 54th Ave E - Pape Material Handling	Private: Business	8	0	-8
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	5	2	-3
	4505/4507 Pacific Highway	Private: Business	N/A	N/A	N/A
	4600 Pacific Highway - Bucky's	Private: Business	N/A	N/A	N/A
	4695 Pacific Highway	Private: Business	N/A	N/A	N/A
	4703/4711 Pacific Highway	Private: Business	N/A	N/A	N/A
	4716/4756 Pacific Highway	Private: Business	N/A	N/A	N/A
	4802 Pacific Highway - Herfy's	Private: Business	N/A	N/A	N/A
	Gull & Pacific Xpress	Private: Business	N/A	N/A	N/A
	1601 40th Ct - Land Rover Tacoma	Private: Business	N/A	N/A	N/A
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	N/A	N/A	N/A
	3700 Pacific Highway	Private: Business	N/A	N/A	N/A
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	N/A	N/A	N/A
	3402 Paxific Highway E - Jack in the Box	Private: Business	N/A	N/A	N/A
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	N/A	N/A	N/A
	3100 Pacific Highway E	Private: Business	N/A	N/A	N/A
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	4	3	-1
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	2	2	0
	Camping World of Fife	Private: Business	39	0	-39
	Fife Business Center	Private: Business	89	0	-89
	Chateau Rainer Apartments	Private: Residential	58	50	-8
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	106	96	-10

Segment	Business Name / Location	Parking Type	Fife I-5 Alignment		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	38	33	-5
	Fife RV	Private: Business	29	24	-5
	Lexus of Tacoma at Fife	Private: Business	90	79	-11

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Fife I-5 Alignment		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		542	357	**-185**
	Private: Residential		58	50	**8**
	Public: On-Street		0	0	**0**
	Public: Off-Street		0	0	**0**
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**600**	**407**	**-193**

Segment	Business Name / Location	Parking Type	Design Option: Fife I-5 Alignment - 54th Span		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	0	0	0
	Fife Business Park	Private: Business	3	0	-3
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	N/A	N/A	N/A
	1307 54th Ave E - Pape Material Handling	Private: Business	0	0	0
	5150 Pacific Avenue - Taco Time	Private: Business	3	`	#VALUE!
	4420/4500 Pacific Highway*	Private: Business	5	2	-3
	4505/4507 Pacific Highway	Private: Business	N/A	N/A	N/A
	4600 Pacific Highway - Bucky's	Private: Business	N/A	N/A	N/A
	4695 Pacific Highway	Private: Business	N/A	N/A	N/A
	4703/4711 Pacific Highway	Private: Business	N/A	N/A	N/A
	4716/4756 Pacific Highway	Private: Business	N/A	N/A	N/A
	4802 Pacific Highway - Herfy's	Private: Business	N/A	N/A	N/A
	Gull & Pacific Xpress	Private: Business	N/A	N/A	N/A
	1601 40th Ct - Land Rover Tacoma	Private: Business	N/A	N/A	N/A
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	N/A	N/A	N/A
	3700 Pacific Highway	Private: Business	N/A	N/A	N/A
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	N/A	N/A	N/A
	3402 Paxific Highway E - Jack in the Box	Private: Business	N/A	N/A	N/A
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	N/A	N/A	N/A
	3100 Pacific Highway E	Private: Business	N/A	N/A	N/A
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	4	3	-1
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	2	2	0
	Camping World of Fife	Private: Business	39	0	-39
	Fife Business Center	Private: Business	89	0	-89
	Chateau Rainer Apartments	Private: Residential	58	50	-8
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	106	96	-10

Segment	Business Name / Location	Parking Type	Design Option		
			Fife I-5 Alignment - 54th Span		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	5	0	-5
	Fife RV	Private: Business	29	24	-5
	Lexus of Tacoma at Fife	Private: Business	90	79	-11

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option		
			Fife I-5 Alignment - 54th Span		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		499	323	**-176**
	Private: Residential		58	50	8
	Public: On-Street		0	0	0
	Public: Off-Street		0	0	0
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**557**	**373**	**-184**

Segment	Business Name / Location	Parking Type	Design Option: Fife I-5 Alignment - 54th Ave		
			Impacted	New	Net Loss/Gain
Fife Station	Premier Trailer Leasing	Private: Business	101	96	-5
	Restaurant Depot	Private: Business	2	0	-2
	Les Schwab	Private: Business	0	0	0
	Fife Business Park	Private: Business	3	0	-3
	4711 Pacific Highway E - McFarland Upholstery	Private: Business	N/A	N/A	N/A
	1307 54th Ave E - Pape Material Handling	Private: Business	8	0	-8
	5150 Pacific Avenue - Taco Time	Private: Business	3	1	-2
	4420/4500 Pacific Highway*	Private: Business	5	2	-3
	4505/4507 Pacific Highway	Private: Business	N/A	N/A	N/A
	4600 Pacific Highway - Bucky's	Private: Business	N/A	N/A	N/A
	4695 Pacific Highway	Private: Business	N/A	N/A	N/A
	4703/4711 Pacific Highway	Private: Business	N/A	N/A	N/A
	4716/4756 Pacific Highway	Private: Business	N/A	N/A	N/A
	4802 Pacific Highway - Herfy's	Private: Business	N/A	N/A	N/A
	Gull & Pacific Xpress	Private: Business	N/A	N/A	N/A
	1601 40th Ct - Land Rover Tacoma	Private: Business	N/A	N/A	N/A
	1602 40th Ave - Volvo/Lexus of Tacoma	Private: Business	N/A	N/A	N/A
	3700 Pacific Highway	Private: Business	N/A	N/A	N/A
	3518 Pacific Highway E - Travelodge Tacoma	Private: Business	N/A	N/A	N/A
	3402 Paxific Highway E - Jack in the Box	Private: Business	N/A	N/A	N/A
	3408 Pacific Highway E - Tacoma Express #4	Private: Business	N/A	N/A	N/A
	3100 Pacific Highway E	Private: Business	N/A	N/A	N/A
	2602 Pacific Highway E	Private: Business	21	21	0
	Arbys	Private: Business	4	3	-1
	8912 Pacific Highway - WSDOT Vehicle Emissions Testing	Private: Business	2	2	0
	Camping World of Fife	Private: Business	39	0	-39
	Fife Business Center	Private: Business	89	0	-89
	Chateau Rainer Apartments	Private: Residential	58	50	-8
	Mercedes-Benz/Porsche/Audi of Tacoma*	Private: Business	106	96	-10

Segment	Business Name / Location	Parking Type	Design Option		
			Fife I-5 Alignment - 54th Ave		
			Impacted	New	Net Loss/Gain
	Nissan of Fife	Private: Business	5	0	-5
	Fife RV	Private: Business	29	24	-5
	Lexus of Tacoma at Fife	Private: Business	90	79	-11

*** includes longer term temporary impacts**

Segment	Business Name / Location	Parking Type	Design Option		
			Fife I-5 Alignment - 54th Ave		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		507	324	**-183**
	Private: Residential		58	50	8
	Public: On-Street		0	0	0
	Public: Off-Street		0	0	0
	Private: Partial Business (Construction Staging Area)		0	0	**0**
	Total		**565**	**374**	**-191**

Segment	Business Name / Location	Parking Type	Preferred Tacoma 25th Street-West		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	N/A	N/A	N/A
	Aim Aerospace	Private: Business	N/A	N/A	N/A
	AWI	Private: Business	N/A	N/A	N/A
	E 25th Street - South (D Street to E Street)	Public: On-Street	12	13	1
	E 25th Street - South (E Street to F Street)	Public: On-Street	16	2	-14
	E 25th Street - South (F Street to G Street)	Public: On-Street	13	0	-13
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	25	12	-13
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	5	0	-5
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	44	0	-44
	E 25th Street - South (G Street to J Street)	Private: Business	3	0	-3
	E 25th Street - North (K Street to L Street)	Public: On-Street	24	0	-24
	E 25th Street - South (K Street to L Street)	Public: On-Street	16	0	-16
	E 25th Street - North (L Street to M Street)	Public: On-Street	0	0	0
	E 25th Street - South (L Street to M Street)	Public: On-Street	11	0	-11
	E 26th Street - North (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Preferred Tacoma 25th Street-West		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		3	0	**-3**
	Private: Residential		0	0	**0**
	Public: On-Street		125	27	**-98**
	Public: Off-Street		0	0	**-**
	Total		**128**	**27**	**-101**

Segment	Business Name / Location	Parking Type	Portland Ave Straddle to Tacoma Dome 25th West		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	N/A	N/A	N/A
	Aim Aerospace	Private: Business	N/A	N/A	N/A
	AWI	Private: Business	N/A	N/A	N/A
	E 25th Street - South (D Street to E Street)	Public: On-Street	12	13	1
	E 25th Street - South (E Street to F Street)	Public: On-Street	16	2	-14
	E 25th Street - South (F Street to G Street)	Public: On-Street	13	0	-13
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	25	12	-13
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	5	0	-5
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	44	0	-44
	E 25th Street - South (G Street to J Street)	Private: Business	3	0	-3
	E 25th Street - North (K Street to L Street)	Public: On-Street	24	0	-24
	E 25th Street - South (K Street to L Street)	Public: On-Street	16	0	-16
	E 25th Street - North (L Street to M Street)	Public: On-Street	0	0	0
	E 25th Street - South (L Street to M Street)	Public: On-Street	19	0	-19
	E 26th Street - North (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Portland Ave Straddle to Tacoma Dome 25th West		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		3	0	**-3**
	Private: Residential		0	0	**0**
	Public: On-Street		133	27	**-106**
	Public: Off-Street		0	0	**-**
	Total		**136**	**27**	**-109**

Segment	Business Name / Location	Parking Type	Portland Ave to Close to Sounder Alt		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	N/A	N/A	N/A
	Aim Aerospace	Private: Business	N/A	N/A	N/A
	AWI	Private: Business	N/A	N/A	N/A
	E 25th Street - South (D Street to E Street)	Public: On-Street	12	12	0
	E 25th Street - South (E Street to F Street)	Public: On-Street	18	14	-4
	E 25th Street - South (F Street to G Street)	Public: On-Street	9	9	0
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to J Street)	Private: Business	N/A	N/A	N/A
	E 25th Street - North (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - North (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Portland Ave to Close to Sounder Alt		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		0	0	**0**
	Private: Residential		0	0	**0**
	Public: On-Street		39	35	**-4**
	Public: Off-Street		0	0	**-**
	Total		**39**	**35**	**-4**

Segment	Business Name / Location	Parking Type	Design Option: Portland Ave Straddle to Close to Sounder Design		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	N/A	N/A	N/A
	Aim Aerospace	Private: Business	N/A	N/A	N/A
	AWI	Private: Business	N/A	N/A	N/A
	E 25th Street - South (D Street to E Street)	Public: On-Street	12	12	0
	E 25th Street - South (E Street to F Street)	Public: On-Street	15	4	-11
	E 25th Street - South (F Street to G Street)	Public: On-Street	13	7	-6
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to J Street)	Private: Business	N/A	N/A	N/A
	E 25th Street - North (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - North (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A

Tacoma Dome Link Extension

Parking Impact Study

Alternative Impacts

Segment	Business Name / Location	Parking Type	Design Option: Portland Ave Straddle to Close to Sounder Design		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		0	0	**0**
	Private: Residential		0	0	**0**
	Public: On-Street		40	23	**-17**
	Public: Off-Street		0	0	**-**
	Total		**40**	**23**	**-17**

Segment	Business Name / Location	Parking Type	Portland Ave to Tacoma Dome 25th East		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	N/A	N/A	N/A
	Aim Aerospace	Private: Business	N/A	N/A	N/A
	AWI	Private: Business	N/A	N/A	N/A
	E 25th Street - South (D Street to E Street)	Public: On-Street	12	18	6
	E 25th Street - South (E Street to F Street)	Public: On-Street	16	20	4
	E 25th Street - South (F Street to G Street)	Public: On-Street	13	4	-9
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	**25**	0	-25
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	**5**	0	-5
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	44	0	-44
	E 25th Street - South (G Street to J Street)	Private: Business	3	0	-3
	E 25th Street - North (K Street to L Street)	Public: On-Street	24	0	-24
	E 25th Street - South (K Street to L Street)	Public: On-Street	16	0	-16
	E 25th Street - North (L Street to M Street)	Public: On-Street	0	0	0
	E 25th Street - South (L Street to M Street)	Public: On-Street	11	0	-11
	E 26th Street - North (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Portland Ave to Tacoma Dome 25th East		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		3	0	**-3**
	Private: Residential		0	0	**0**
	Public: On-Street		125	42	**-83**
	Public: Off-Street		0	0	**-**
	Total		**128**	**42**	**-86**

Segment	Business Name / Location	Parking Type	Design Option: Portland Ave Straddle to Tacoma Dome 25th East Design		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	N/A	N/A	N/A
	Aim Aerospace	Private: Business	N/A	N/A	N/A
	AWI	Private: Business	N/A	N/A	N/A
	E 25th Street - South (D Street to E Street)	Public: On-Street	12	18	6
	E 25th Street - South (E Street to F Street)	Public: On-Street	16	20	4
	E 25th Street - South (F Street to G Street)	Public: On-Street	13	4	-9
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	25	0	-25
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	5	0	-5
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	44	0	-44
	E 25th Street - South (G Street to J Street)	Private: Business	3	0	-3
	E 25th Street - North (K Street to L Street)	Public: On-Street	24	0	-24
	E 25th Street - South (K Street to L Street)	Public: On-Street	16	0	-16
	E 25th Street - North (L Street to M Street)	Public: On-Street	5	0	-5
	E 25th Street - South (L Street to M Street)	Public: On-Street	27	0	-27
	E 26th Street - North (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (C Street to D Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A

Segment	Business Name / Location	Parking Type	Design Option: Portland Ave Straddle to Tacoma Dome 25th East Design		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		3	0	**-3**
	Private: Residential		0	0	**0**
	Public: On-Street		146	42	**-104**
	Public: Off-Street		0	0	
	Total		**149**	**42**	**-107**

Segment	Business Name / Location	Parking Type	Portland Ave to Tacoma Dome 26th Alt		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	1	0	-1
	Aim Aerospace	Private: Business	2	0	-2
	AWI	Private: Business	2	0	-2
	E 25th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (F Street to G Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to J Street)	Private: Business	N/A	N/A	N/A
	E 25th Street - North (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - North (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (C Street to D Street)	Public: On-Street	16	3	-13
	E 26th Street - South (C Street to D Street)	Public: On-Street	16	0	-16
	E 26th Street - North (D Street to E Street)	Public: On-Street	6	6	0
	E 26th Street - North (E Street to F Street)	Public: On-Street	21	14	-7
	E 26th Street - South (D Street to E Street)	Public: On-Street	10	7	-3
	E 26th Street - South (E Street to F Street)	Public: On-Street	17	12	-5

Segment	Business Name / Location	Parking Type	Portland Ave to Tacoma Dome 26th Alt		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		5	0	**-5**
	Private: Residential		0	0	**0**
	Public: On-Street		71	42	**-29**
	Public: Off-Street		0	0	
	Total		**76**	**42**	**-34**

Segment	Business Name / Location	Parking Type	Design Option: Portland Ave to Tacoma Dome 26th Design		
			Impacted	New	Net Loss/Gain
Tacoma Dome Station	Western Builders Supply, Inc	Private: Business	1	0	-1
	Aim Aerospace	Private: Business	2	0	-2
	AWI	Private: Business	2	0	-2
	E 25th Street - South (D Street to E Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (E Street to F Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (F Street to G Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - North (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to McKinley Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (McKinley Street to J Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (G Street to J Street)	Private: Business	N/A	N/A	N/A
	E 25th Street - North (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (K Street to L Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - North (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 25th Street - South (L Street to M Street)	Public: On-Street	N/A	N/A	N/A
	E 26th Street - North (C Street to D Street)	Public: On-Street	16	3	-13
	E 26th Street - South (C Street to D Street)	Public: On-Street	16	0	-16
	E 26th Street - North (D Street to E Street)	Public: On-Street	6	6	0
	E 26th Street - North (E Street to F Street)	Public: On-Street	21	14	-7
	E 26th Street - South (D Street to E Street)	Public: On-Street	10	7	-3
	E 26th Street - South (E Street to F Street)	Public: On-Street	17	12	-5

Segment	Business Name / Location	Parking Type	Design Option		
			Portland Ave to Tacoma Dome 26th Design		
			Impacted	New	Net Loss/Gain
Summary	Subtotals		Impacted	New	Net Loss/Gain
	Park and Ride / Transit Station		0	0	**0**
	Private: Business		5	0	**-5**
	Private: Residential		0	0	**0**
	Public: On-Street		71	42	**-29**
	Public: Off-Street		0	0	
	Total		**76**	**42**	**-34**

ATTACHMENT E

Ridership and Traffic Forecasting Memorandum

DRAFT TECHNICAL MEMORANDUM

DATE: April 10, 2020

TO: TDLE Team

FROM: Fehr & Peers

SUBJECT: Ridership & Traffic Forecasts

PROJECT NAME: Tacoma Dome Link Extension

1 Introduction

This memorandum summarizes the ridership forecasts contained in the Sound Transit (ST) Incremental Ridership model, as well as recommends annual growth rates to develop traffic forecasts for roadways in the vicinity of each station.

2 Ridership Forecasts

Fehr & Peers reviewed the ST Incremental Ridership Model, Version 2019.01 that uses the EMME software platform. There are three future year (2042) forecasts, which have the same transit network, but different land use and income growth assumptions to provide low, base, and high forecast scenarios.

The model has peak and off-peak transit networks and assignments: the 3.5-hour PM peak period (the transpose of which reflects the AM peak period) and the 17-hour off-peak period. The model uses employment and household growth rates as estimated in the current regional land use forecast (LUV.2) published by the Puget Sound Regional Council (PSRC).

Several alternatives were developed to study ridership along the TDLE corridor. Link Light Rail assumptions for each alternative were provided by Brant Lyerla on October 11, 2019. Bus network assumptions for the Build Alternative and Turnback Operations Scenario were provided via a Remix transit network from Sound Transit Access and Integration Staff (received by Fehr & Peers December 6, 2019). Based on that input, Fehr & Peers modeling staff revised bus network assumptions for the No Build, South Federal Way Interim Terminus, and Fife Interim Terminus Alternatives. All transit routes not included in the Remix transit network remain the same as the Sound Transit model, which is based

on regional long-range plans such as Metro Connects for King County Metro. The light rail and other bus service assumptions are listed below, and ST Express route assumptions are shown in **Table 1**:

1. **No Build**: The TDLE project is not included, while the remaining ST3 projects are included with 5-minute peak and 10-minute off-peak Link headways from Ballard to Federal Way Transit Center (FWTC). Pierce Transit route changes are based on 2040 assumptions provided by agency staff as interpreted by Fehr & Peers modeling staff to account for changes to routes that terminated at Tacoma Dome, Fife, or South Federal Way Link stations[1]. King County Metro planned route 3064 was extended from South Federal Way to the Federal Way Transit Center to provide a light rail connection.
2. **Build**: The TDLE project is completed with 5-minute peak and 10-minute off-peak headways to Tacoma Dome. Changes to the Pierce Transit bus network are incorporated based on 2040 assumptions provided by agency staff and the Remix network.
3. **Turnback Operations**: This option is similar to the Build scenario but replaces Ballard-Tacoma Dome 5-minute peak frequency with one Ballard-Tacoma Dome train every 10 minutes and one Smith Cove (just north of Downtown Seattle)-South Federal Way train every 10 minutes, for a combined peak frequency of 5 minutes between Smith Cove and South Federal Way. Off-peak light rail service is the same as the Build Alternative.
4. **Interim Terminus - South Federal Way**: This alternative includes the TDLE extension from Federal Way Transit Center to South Federal Way only by 2042. Pierce Transit route changes are based on assumptions provided by agency staff as interpreted by Fehr & Peers modeling staff to account for changes to routes that terminated at Tacoma Dome or Fife Link stations. Ballard-South Federal Way Link headways are 6 minutes in the peak and 10 minutes in the off-peak.[2]

Interim Terminus - Fife: This alternative includes the TDLE extension from Federal Way to Fife only by 2042. Pierce Transit route changes are based on 2040 assumptions provided by agency staff as interpreted by Fehr & Peers modeling staff to account for changes to routes that terminated at the Tacoma Dome Link station. Headways are the same as the South Federal Way Interim Terminus.

[1] No bus routes terminated at Portland Avenue Link Station

[2] Six minute headways, consistent with the headways on all other light rail lines, were assumed for the two interim termini alternatives based on direction from ST staff. A comparison of peak hour capacity and the forecasted peak segment ridership along the light rail line was completed to ensure adequate capacity with reduced frequency under the Interim Termini Alternatives. The forecasted ridership was not found to exceed the capacity guidelines provided by Sound Transit staff.

Table 1. ST Express Assumptions by Alternative

	Alternative			
Route	No Build	Build/Turnback	South Federal Way Interim Terminus	Fife Interim Terminus
ST 574	Lakewood to Federal Way Transit Center	Route is extended to DuPont to the south and truncated at Federal Way Transit Center to the north	Matches Build	Matches Build
ST 578	Puyallup to Federal Way Transit Center	Deleted	Deleted	Deleted
ST 586	Federal Way Transit Center to Tacoma Dome	Deleted	Deleted	Deleted
ST 590	Tacoma Dome to Federal Way Transit Center	Deleted	Deleted	Deleted
ST 592	Federal Way Transit Center to DuPont	Route is truncated to Downtown Tacoma to the north	Matches Build	Matches Build
ST 594	Deleted	Deleted	Deleted	Deleted
ST 595	Federal Way Transit Center to Gig Harbor	Truncated to Tacoma Dome Station	Truncated to South Federal Way Station	Truncated to Fife Station
ST 596	Route is extended to Tacoma Dome Station	Route is extended to Fife Station	Matches No Build	Matches Build

Source: Build Alternative/Turnback Operations Scenario from Remix Network by Sound Transit, provided to Fehr & Peers December 6, 2019. All other Alternatives based on assumptions by Fehr & Peers modeling staff.

The numbers reported in this memo are slightly higher than those reported in the preliminary forecasts completed in January 2019. These increases are mostly related to new information from Pierce Transit regarding their future service and how it will be modified with the opening of TDLE. The modeling described here includes many more routes feeding into the TDLE stations and reinvests service hours into higher frequencies and additional coverage as compared to the bus network assumptions at the time of the preliminary forecasts.

2.1 Comparison of Forecast Scenarios

All forecast scenarios (low, base, and high) were modeled for each of the four build alternatives to determine the differences between each combination of forecast and alternative. **Table 2** shows the total TDLE trips by time of day for each combination. Daily trips on the TDLE range from a low of 4,250 under the South Federal Way Interim Terminus – Low scenario to a high of 35,990 under the full Build – High scenario. The Build scenario ranges from approximately 24,000 to 36,000 daily trips, which is similar to the 27,000 to 37,000 range forecasted in 2016 during ST3 project development. *All subsequent tables in this memo reflect the Base Forecast Scenario, which is used for the Draft EIS analysis.* The Base Forecast Scenario represents 2042, the year being used by Sound Transit for cumulative analysis of all ST3 projects, and consistent with PSRC's regional forecasts.

Table 2. TDLE Trips on Project by Alternative and Forecast Scenario (2042)

	PM Peak (3.5 Hours)	Average Weekday
Build – Low	8,100	24,300
Build – Base	10,300	30,200
Build – High	12,500	36,000
Turnback – Low	7,600	23,300
Turnback – Base	9,600	28,800
Turnback – High	11,800	34,400
SFW Interim Terminus – Low	1,600	4,300
SFW Interim Terminus – Base	1,900	4,900
SFW Interim Terminus – High	2,200	5,600
Fife Interim Terminus – Low	2,800	7,400
Fife Interim Terminus – Base	3,200	8,700
Fife Interim Terminus – High	3,800	10,000

Source: Sound Transit Incremental Ridership Model, 2019, modified by Fehr & Peers.

2.2 Comparison of No Build and Build Alternatives

All tables in Sections 2.2 through 2.6 reflect the Base Forecast Scenario, which is used for the Draft EIS analysis. **Table 3** shows a comparison of the alternatives at a regional level. Total daily transit trips regionwide are forecast to increase with most TDLE project build alternatives and comparable for the South Federal Way Minimum Operable Segment (M.O.S). However, with the Fife interim terminus, the overall increase in regional transit trips would be more modest. The number of TDLE riders for the full build alternatives ranges from 29,000 – 3,000. The Fife and Federal Way interim termini both have substantially lower ridership than the full build alternatives, with an estimated 4,900 daily trips for the South Federal Way interim terminus and 8,700 trips for the Fife interim terminus. The

Table 3. Regional Transit Measures by Alternative (2042)

			Build Alternatives			
Measure	2016 Base Year	No Build Alternative	Build	Turnback Operations	Interim Terminus - South Federal Way	Interim Terminus - Fife
Link Light Rail Extents (Ballard to Tacoma Dome Line)	N/A	Ballard to Federal Way Transit Center	Ballard to Tacoma Dome	Smith Cove to South Federal Way (core) and Ballard to Tacoma Dome (full)	Ballard to South Federal Way	Ballard to Fife
Ballard to Tacoma Dome Link Peak Period Headway	N/A	5 minutes	5 minutes	5 minutes (core) 10 minutes (full)	6 minutes	6 minutes
Ballard to Tacoma Dome Link Off Peak Headway	N/A			10 minutes		
Total Regional Daily Transit Trips[1]	467,000	753,000	766,000	762,000	751,000	757,000
Total TDLE Light Rail Trips	N/A	N/A	30,200	28,800	4,900	8,700

1 Transit trips only count each passenger once between the origin and destination of their trip.

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario, 2019, modified by Fehr & Peers.

2.3 TDLE Segment Volumes

Table 4 summarizes passenger volumes by segment along the TDLE corridor for each build alternative. The busiest segment along the extension would be between Federal Way Transit Center and South Federal Way under all alternatives. The data shown in the PM directional columns is indicative of travel patterns that exhibit a stronger orientation to the north in the AM and south in the PM (i.e., people traveling toward Federal Way and Seattle in the morning and returning in the evening).

Table 4. TDLE Segment Volumes (2042)

Build Alternative Segment	PM Peak (3.5 Hours)		Average Weekday	
	NB	SB	NB	SB
Federal Way Transit Center – South Federal Way	1,400	8,200	13,900	13,900
South Federal Way – Fife	1,400	7,300	12,900	12,900
Fife – Portland Avenue	1,200	6,800	12,100	12,100
Portland Avenue – Tacoma Dome	1,100	6,800	11,600	11,600
Turnback Operations Segment	**PM Peak (3.5 Hours)**		**Average Weekday**	
	NB	SB	NB	SB
Federal Way Transit Center – South Federal Way	1,300	7,200	12,800	12,800
South Federal Way – Fife	1,300	6,300	11,900	11,900
Fife – Portland Avenue	1,100	5,900	11,200	11,200
Portland Avenue– Tacoma Dome	1,000	5,900	10,800	10,800
South Federal Way Interim Terminus Alternative Segment	**PM Peak (3.5 Hours)**		**Average Weekday**	
	NB	SB	NB	SB
Federal Way Transit Center – South Federal Way	300	1,600	2,400	2,400
Fife Interim Terminus Alternative Segment	**PM Peak (3.5 Hours)**		**Average Weekday**	
	NB	SB	NB	SB
Federal Way Transit Center – South Federal Way	700	2,300	4,200	4,200
South Federal Way – Fife	700	1,500	3,100	3,100

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario, 2019, modified by Fehr & Peers.

Under Turnback Operations, the trains that travel to Tacoma Dome Station (instead of turning back at South Federal Way) would carry far more passengers in the study segments because most passengers on the TDLE are traveling to Tacoma Dome Station. The two lines are totaled above in **Table 4** and separated out by line in **Table 5** below.

Table 5. Turnback Operations TDLE Segment Volumes (2042)

Turnback Operations (Ballard-Tacoma Dome Trains)	PM Peak (3.5 Hours)		Average Weekday	
Segment	NB	SB	NB	SB
Federal Way Transit Center – South Federal Way	1,300	6,700	12,300	12,300
South Federal Way – Fife	1,300	6,300	11,900	11,900
Fife – Portland Avenue	1,100	5,900	11,200	11,200
Portland Avenue– Tacoma Dome	1,000	5,900	10,800	10,800
Turnback Operations (Smith Cove-South Federal Way Turnback Trains)	PM Peak (3.5 Hours)		Average Weekday	
Segment	NB	SB	NB	SB
Federal Way Transit Center – South Federal Way	30	500	500	500

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario, 2019, modified by Fehr & Peers.

Service levels during the peak periods vary by alternative between five and six minute headways with four cars per train. **Table 6** shows the average passengers per car in the peak load segment based on the assumptions that 35.5 percent of the peak period ridership occurs during the peak hour (per ST ridership forecasting practices).

Table 6. TDLE Peak Load Segments (2042)

Alternative	Peak Headway	Peak Directional Load (3.5 hours)	Peak Hour Directional Load	Riders per Car
Build	5 minutes	8,200	2,910	61
Turnback (Ballard-Tacoma Dome Train)	10 minutes	6,700	2,390	100
Turnback (Smith Cove-South Federal Way Train)	10 minutes	500	170	7
South Federal Way Interim Terminus	6 minutes	1,600	560	14
Fife Interim Terminus	6 minutes	2,300	820	21

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario, 2019, modified by Fehr & Peers.

TDLE segment volumes suggest that there would be on average roughly 61 passengers per car along the peak load segment for the Build Alternative. This indicates that all passengers could be seated as current seat capacity for each light rail car is 74 seats. The Turnback Operations Scenario would exceed the seated capacity for the Ballard-Tacoma Dome train due to less frequency and a high passenger load traveling to Fife, Portland Avenue, and Tacoma Dome Stations. However, the number of riders per car on the TDLE segment is still well within the total capacity of a train car. Within the TDLE area, the peak load on the Turnback Operations Scenario trains that travel between Smith Cove and South Federal Way are low at seven riders per car. However, this result reflects the fact that by the time trains reach

South Federal Way, there are relatively few riders remaining (as many will have alighted at Federal Way Transit Center or points north) and peak loads north of the TDLE area are more typical.

2.4 TDLE Station Boardings

Tables 7 and 8 summarize TDLE boardings by station for each alternative. The initial analysis, completed in January 2019, showed that boardings at the Portland Avenue station were higher than expected given the existing and planned industrial land uses in the area that would likely generate relatively low transit use. After examining the Traffic Analysis Zone (TAZ) structure around this station, it was apparent that the projected higher-density land use growth along the Foss waterway on the western edge of the TAZ was driving high ridership at the Portland Avenue station. This condition changed with the current version of the model: Sound Transit included updates to the TAZ and connector structure that eliminated the bias towards the Portland Avenue Station for growth that is occurring closer to the Tacoma Dome Station. However, upon analyzing the new model, very few riders were found to be utilizing Portland Avenue Station. Ridership at the Portland Avenue Station will likely be driven largely by special generators, such as the nearby casino, to which the ridership model is not as sensitive. Given this effect, the results shown in **Tables 7 and 8** have been post-processed to reassign some of that ridership to the Portland Avenue Station.

As the terminus station of the line, Tacoma Dome is forecasted to have the highest daily boardings along the extension at roughly 10,800 under the Build Alternative. Fife would draw almost 2,600 daily boardings, South Federal Way would have roughly 1,800 daily boardings, and Portland Avenue would have about 1,200 daily boardings. For comparison, Tacoma Dome's projected boardings are similar to 2019 weekday boardings at the University of Washington station and Fife's projected boardings are similar to an average weekday at the Mount Baker and SODO stations. Projected boardings at South Federal Way would be slightly less than the average weekday boardings at Rainier Beach Station, while Portland Avenue is lower than any existing Link station's current weekday boardings.[3]

Table 7. TDLE Boardings by Station - Build Alternative (2042)

Build Alternative Station	PM Peak (3.5 Hours)			Average Weekday		
	NB	SB	Total	NB	SB	Total
South Federal Way	50	120	170	1,400	400	1,800
Fife	360	340	700	1,700	900	2,600
Portland Avenue	120	-	120	1,200	-	1,200
Tacoma Dome	1,090	-	1,090	10,800	-	10,800
Total	1,620	460	2,080	15,100	1,300	16,400

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario, 2019, modified by Fehr & Peers.

[3] Sound Transit 2020 Service Implementation Plan, p. 44.

Table 8. TDLE Boardings by Station by Alternative (2042)

Turnback Operations Station	PM Peak (3.5 Hours)			Daily		
	NB	SB	Total	NB	SB	Total
South Federal Way	70	110	180	1,300	400	1,700
Fife	320	290	610	1,600	800	2,400
Portland Avenue	110	-	110	1,100	-	1,100
Tacoma Dome	990	-	990	9,900	-	9,900
Total	1,490	400	1,890	13,900	1,200	15,100
South Federal Way Interim Terminus Alternative Station	PM Peak (3.5 Hours)			Daily		
	NB	SB	Total	NB	SB	Total
South Federal Way	300	-	300	2,700	-	2,700
Total	300	-	300	2,700	-	2,700
Fife Interim Terminus Alternative Station	PM Peak (3.5 Hours)			Daily		
	NB	SB	Total	NB	SB	Total
South Federal Way	60	50	110	1,300	100	1,400
Fife	720	-	720	3,300	-	3,300
Total	780	50	830	4,600	100	4,700

Source: Sound Transit Incremental Ridership Model – Base Forecast Scenario, 2019, modified by Fehr & Peers.

Events at the Tacoma Dome would occasionally generate surges in ridership[4]. The Tacoma Dome arena hosts events ranging in size from 1,000 to 23,000 attendees, with the largest events typically occurring in the evening. Assuming a transit mode share of 10 to 20 percent (a typical transit mode share range for event venues in the Puget Sound), this could translate to roughly 2,300 to 4,600 riders using transit available in the Tacoma Dome Station area. These riders would be spread among TDLE, Tacoma Link, and local buses. Arrivals (i.e. Tacoma Dome station alightings) would be more dispersed during pre-event conditions with the most concentrated activity occurring post-event. Assuming the surge occurs during off-peak service with 10-minute frequencies, that level of ridership could be served within one hour. In coordination with others, Sound Transit could consider providing more frequent Link service for some special events (using the pocket track and tail tracks to stage trains).

2.5 Mode of Access

Table 9 summarizes the projected mode of access for riders that alight at TDLE stations during the PM peak period based on several sources: the ST model, park-and-ride demand findings summarized in the Parking Demand Technical Memorandum, and observed pick-up/drop-off shares at analogous stations in the BART system in the San Francisco Bay Area. The ST model does not explicitly differentiate pick-up/drop-off access from other modes of access. Pick-up/drop-off access could be made by private vehicle, a Transportation Network Company (TNC), or taxi. **Table 9**, which focuses on alightings and therefore pick-up trips, includes all types of these trips in the pick-up category. Transit and walk/bike shares are estimated based on the ST model output, planned transit service levels, and station characteristics including levels of expected park & ride and pickup/dropoff use. Actual mode of access/egress shares will depend largely on how land use develops around each station area, bus service provision, as well as the degree of penetration and regulation for TNCs and autonomous vehicles (AVs). Note that the units shown in **Table 9** are riders, not vehicles. The number of vehicles accessing each station for park & ride and pick-up/drop-off would be slightly lower as some vehicles would carry more than one TDLE rider.

[4] In 2019, there were 45 events at Tacoma Dome and/or the LeMay Car Museum where the attendance was 5,000 people or more (Sound Transit).

Table 9. TDLE Rider Mode of Egress – PM Peak 3.5 Hour Period Alightings by Alternative (2042)

Build Alternative Station	Park-and-Ride[1]	Pick-up	Walk/Bike	Transit Transfer	Total Alightings
South Federal Way	520 (48%)	270 (25%)	140 (13%)	160 (15%)	1,090
Fife	500 (51%)	100 (10%)	20 (2%)	360 (37%)	980
Portland Avenue	0	440 (65%)	220 (32%)	20 (3%)	680
Tacoma Dome[2]	1,350 (22%)	980 (16%)	780 (13%)	3,000 (49%)	6,110
Total	**2,370 (27%)**	**1,790 (20%)**	**1,160 (13%)**	**3,540 (40%)**	**8,860**
Turnback Operations Station	Park-and-Ride[1]	Pick-up	Walk/Bike	Transit Transfer	Total Alightings
South Federal Way	520 (49%)	270 (25%)	120 (11%)	160 (15%)	1,070
Fife	500 (60%)	20 (2%	20 (2%)	290 (35%)	830
Portland Avenue	0	380 (64%)	190 (32%)	20 (3%)	590
Tacoma Dome[2]	1,350 (25%)	870 (16%)	320 (6%)	2,770 (52%)	5,310
Total	**2,370 (30%)**	**1,540 (20%)**	**650 (8%)**	**3,240 (42%)**	**7,800**
South Federal Way Interim Terminus Alternative Station	Park-and-Ride[1]	Pick-up	Walk/Bike	Transit Transfer	Total Alightings
South Federal Way	520 (33%)	180 (11%)	140 (9%)	730 (47%)	1,570
Total	**520 (33%)**	**180 (11%)**	**140 (9%)**	**730 (47%)**	**1,570**
Fife Interim Terminus Alternative Station	Park-and-Ride[1]	Pick-up	Walk/Bike	Transit Transfer	Total Alightings
South Federal Way	520 (51%)	260 (25%)	100 (10%)	150 (15%)	1,030
Fife	500 (34%)	100 (7%)	20 (1%)	860 (58%)	1,480
Total	**1,020 (41%)**	**360 (14%)**	**120 (5%)**	**1,010 (40%)**	**2,510**

Source: Fehr & Peers, 2019.

Note: 1. Consistent with the ST2 and ST3 Plans, the mode of access shares shown above assume 500-stall parking facilities in South Federal Way and Fife.

2. There is more demand for parking spaces at Tacoma Dome Station than could be accommodated by the existing and planned stalls. Sounder, Tacoma Link, and bus riders would also use parking facilities at Tacoma Dome Station so some TDLE riders would have to shift to other modes or use nearby private parking facilities if they are unable to park at ST's parking facility. It was assumed that 55% of the 2,450 stalls would used by TDLE riders.

Transit access at Tacoma Dome and Fife Stations has greatly increased as compared to preliminary forecasting completed in January 2019 due to the updated transit network with more up-to-date assumptions on bus service changes to accommodate TDLE. The pick-up share at Tacoma Dome Station is expected to be relatively low (about 15 percent) given its more urban character and higher parking facility capacity which make walking, biking, transit, and parking more convenient. Fife Station has several feeder lines under the new service change assumptions and thus has a lower pick-up percentage of 2-10 percent depending on alternative. South Federal Way Station is expected to have a 25 percent pick-up percentage for all alternatives except the South Federal Way Interim Terminus Alternative. Under that alternative, more riders are expected to use local Pierce Transit service to reach the South Federal Way Station, reducing the pickup percentage to 11.5 percent. Because Portland Avenue Station would not have a dedicated parking facility, the pick-up percentage would likely be the mode of access for the majority of riders, with the remainder mostly accessing via walk/bike. At Tacoma Dome Station, almost 50 percent of TDLE riders are expected to transfer to another transit service.

Mode of access estimates for riders that board at TDLE stations during the PM peak period are shown in **Table 10**. Most of these riders would also alight at the TDLE station during the AM peak, for example commuters traveling to work in South Federal Way, Fife, or Tacoma. These riders would have much lower rates of park-and-ride use than riders who board at a TDLE station in the AM peak period and alight in the PM peak period (i.e. riders who live near TDLE stations rather than work near them). Therefore, the park-and-ride share was held at 15 percent for those stations with parking facilities. Transit and drop-off mode shares were assumed to be similar to those for PM alightings and walk/bike mode share is assumed to be substantially higher. This reflects the forecasted increase in employment along the TDLE that would allow commuters to take light rail and then reach their place of work by foot.

Table 10. TDLE Rider Mode of Access – PM Peak 3.5 Hour Period Boardings (2042)

Build Alternative Station	Park-and-Ride	Pick-up	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	30 (18%)	40 (23%)	80 (47%)	20 (12%)	170
Fife	110 (16%)	70 (10%)	260 (37%)	260 (37%)	700
Portland Avenue	0	80 (67%)	40 (33%)	0	120
Tacoma Dome	160 (15%)	160 (15%)	260 (24%)	510 (47%)	1,090
Total	**320 (15%)**	**350 (17%)**	**620 (30%)**	**790 (38%)**	**2,080**
Turnback Operations Station	Park-and-Ride	Pick-up	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	30 (17%)	50 (28%)	70 (39%)	30 (17%)	180
Fife	90 (15%)	10 (2%)	300 (49%)	210 (34%)	610
Portland Avenue	0	70 (64%)	40 (36%)	0	110
Tacoma Dome	150 (15%)	150 (15%)	210 (21%)	480 (49%)	990
Total	**290 (15%)**	**280 (15%)**	**600 (32%)**	**720 (38%)**	**1,890**
South Federal Way Interim Terminus Alternative Station	Park-and-Ride	Pick-up	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	50 (17%)	30 (10%)	80 (27%)	140 (47%)	300
Total	**50 (17%)**	**30 (10%)**	**80 (27%)**	**140 (47%)**	**300**
Fife Interim Terminus Alternative Station	Park-and-Ride	Pick-up	Walk/Bike	Transit Transfer	Total Boardings
South Federal Way	20 (20%)	30 (30%)	40 (40%)	10 (10%)	100
Fife	110 (15%)	50 (7%)	140 (19%)	420 (58%)	720
Total	**130 (16%)**	**80 (10%)**	**180 (22%)**	**430 (52%)**	**820**

Source: Fehr & Peers, 2019.

2.6 Transit Transfers at Tacoma Dome Station

For the Tacoma Dome Station, model results were post-processed to develop a breakdown of transit transfers made by TDLE riders. Transfers were aggregated by Tacoma Link (running between Tacoma Dome and Tacoma Community College in 2042), Sounder commuter rail, and bus. **Table 11** shows the forecasted transit transfers for both the Build Alternative and Turnback Operations Scenario. The shares are the same under each alternative, even though the number of riders varies slightly. The TDLE would not reach Tacoma Dome in the South Federal Way and Fife Interim Terminus Alternatives.

Table 11. TDLE Tacoma Dome Transit Transfers by Mode (2042)

	PM Peak Period Transit Transfer Share	PM Peak Period Boardings – Build Alternative		PM Peak Period Alightings – Build Alternative	
		Number of PM Peak Period Transfers	Percentage of Total Boardings (1,090)	Number of PM Peak Period Transfers	Percentage of Total Alightings (6,110)
Tacoma Link	47%	240	22%	1,410	23%
Bus	43%	220	20%	1,290	21%
Sounder	10%	50	5%	300	5%
Total Transit Transfers	**100%**	**510**	**47%**	**3,000**	**49%**

Source: Fehr & Peers, 2020.

Note: Tacoma Link transfers are forecasted to account for most transit transfers per the Sound Transit Model. This is due to increased frequency of Tacoma Link when compared to bus transit, as well as the Tacoma Link extension to Tacoma Community College.

3 Traffic Forecasts

Fehr & Peers also developed vehicle traffic annual growth rate forecasts for each station area. This section describes the methodology and assumptions used for the traffic forecasts and summarizes recommended annual growth rates.

3.1 Travel Demand Model Methodology and Assumptions

To develop traffic growth forecasts, Fehr & Peers reviewed the base and future year travel demand models updated for use on the West Seattle and Ballard Link Extensions (WSBLE) project, which are based on the Puget Sound Regional Council (PSRC) regional model (model version 4K_v4.1.0, released July 2018). The regional travel demand model has a horizon year of 2040. The model uses the EMME software platform with key elements including the traffic analysis zone structure, roadway and transit networks, and land use data. Land use data was updated for both the base and future years using control totals provided by Sound Transit. Land use for 2019 was interpolated between 2014 and 2040.

The model has five time periods: AM, Midday, PM, Evening, and Night. The 3-hour PM peak period is used for traffic volume forecasts. Key project assumptions for the future year model in the vicinity of TDLE are summarized in **Table 12**.

Table 12. Regional Travel Demand Model Key Project Assumptions

Location	Description
SR 167 from SR 161 to SR 509	Completion of SR 167 from SR 161 to SR 509. All movements would be allowed at the I-5 interchange except for eastbound SR 167 to southbound I-5 and northbound I-5 to westbound SR 167.
I-5/Port of Tacoma Rd Interchange	Reconfigure interchange to a split diamond with one-way couplet by adding a second bridge over I-5.
SR 99 from S 340th St to S 359th St	Widen SR 99 to six lanes including two general purpose lanes and one HOV lane in each direction.
S 352nd St from SR 99 to SR 161	Extend 3-lane principal collector from SR 99 to SR 161.
S 356th St from SR 99 to SR 161	Widen to 5 lanes.
Frank Albert Rd E from 20th St E to Pacific Highway E	Extend Frank Albert Rd E from 20th St E to Pacific Highway E including I-5 overpass.
Canyon Rd E from Pioneer Way to 70th Ave E	Extend Canyon Rd E as 4-lane roadway from Pioneer Way over the Puyallup River to 70th Ave E.
I-5/54th Ave Interchange	Current interchange east of 54th Avenue is maintained, but new connections to Pacific Hwy E from southbound I-5 and 20th St E from northbound I-5 are added.

Source: Fehr & Peers, 2019.

Note: Projects were included in the travel model if they are listed in the PSRC Regional Capacity Projects List (updated August 2019) under the Constrained Plan Category (Approved, Conditionally Approved, or Candidate). Unprogrammed projects are not included.

3.2 Annual Traffic Growth Rates

The forecasted annual traffic growth rates (2019 to 2040) were calculated based on several roadways around each station, as shown in **Table 13**. Tacoma Dome and Portland Avenue stations were combined due to the proximity of the stations. The annual growth rates of 0.3 to 0.5 percent are typical of areas expected to include infill development/redevelopment combined with a regionally congested transportation network.

Table 13. Traffic Volumes Annual Growth Rates

Station	Model Volume Locations	Annual Roadway Growth Rate
South Federal Way	• SR 99 s/o 348th St • 348th St e/o SR 99 • S 356th St e/o SR 99 • S 352nd St e/o SR 99 • Enchanted Pkwy n/o 352nd St • 20th Ave S e/o Enchanted Pkwy	0.5%
Fife	• Pacific Hwy e/o 54th Ave • SR 167 n/o I-5 • 12th St E e/o 54th Ave • 20th St E e/o 54th Ave • 54th Ave s/o 20th St	0.3%
Portland Avenue/Tacoma Dome	• East D St n/o Puyallup Ave • Puyallup Ave n/o E D St • Pacific Ave n/o S 25th St • E D St s/o E 26th St • E Portland Ave s/o E 28th St • E L St s/o E 28th St • E Portland Ave n/o Puyallup Ave	0.5%

Source: Fehr & Peers, 2019.

4 Acronyms

AV	Autonomous Vehicles
BART	Bay Area Rapid Transit
EIS	Environmental Impact Statement
FWTC	Federal Way Transit Center
LUV	Land Use Forecast
PSRC	Puget Sound Regional Council
SFW	South Federal Way
ST	Sound Transit
TAZ	Traffic Analysis Zone
TDLE	Tacoma Dome Link Extension
TNC	Transportation Network Company
WSBLE	West Seattle and Ballard Link Extensions

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

VISUAL AND AESTHETICS RESOURCES BACKGROUND AND SIMULATION ANALYSIS

Appendix J2

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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APPENDIX J2 VISUAL AND AESTHETIC RESOURCES BACKGROUND AND SIMULATION ANALYSIS

1 LANDSCAPE UNIT VISUAL QUALITY ANALYSIS

The approach used to determine visual and aesthetic resources was based upon the Federal Highway Administration (FHWA) methodology for assessing impacts related to transportation projects (FHWA 1988) and the *FHWA Guidelines for the Visual Impact Assessment of Highway Projects* (FHWA 2015). Visual quality is defined as a measure of what viewers like and dislike about the visual character of the area being evaluated. Visual quality is rated for each of the following categories:

- Vividness refers to the way landscape components combine in distinctive and memorable visual patterns.
- Intactness refers to whether the natural and human-built visual patterns form a consistent landscape or whether highly contrasting features intrude into the view.
- Unity refers to the visual coherence and compositional harmony of the landscape considered as a whole.

Landscape units are geographic units that are used to assess impacts on visual quality on viewers. Landscape units are defined by both viewshed area (an area that is visible from a specific location) and landscape type (defined by the visible features of an area of land). Landscape units are generally visually homogenous with one viewshed and one landscape type. However, specific locations within a landscape unit can be heterogeneous or not typical of the visual character of the general area. For purposes of this analysis, the Tacoma Dome Link Extension (TDLE) corridor has been divided into eight landscape units, which are defined by changes in topography, neighborhoods, streets, building types, and tree cover. The landscape unit boundaries are generally shown 0.25 mile from the centerline of each alternative; however, dense vegetation or development in areas caused evaluations within viewsheds to focus generally on areas closer within the foreground viewing distance of approximately 200 to 500 feet. Landscape Unit 1 is in the Federal Way Segment. Landscape Units 2, 3, and 4 are in the South Federal Way Segment. Landscape Units 5 and 6 are in the Fife Segment. Landscape Units 7 and 8 are located in the Tacoma Segment. Figure J2-1 contains a map showing the locations of all the landscape units.

Analysis of the potential visual impacts of TDLE began with the assessment of a baseline visual quality rating of the value viewers place on the existing visual character of the affected environment based on their visual preferences for vividness, intactness, and unity for each landscape unit. Then each landscape unit was given a visual quality rating for each category based on the presence of each TDLE alternative. The visual quality ratings for each category were then averaged to determine the average visual quality rating for each landscape unit with and without the different build alternatives. Table J2-1 outlines the visual quality ratings for each landscape unit.

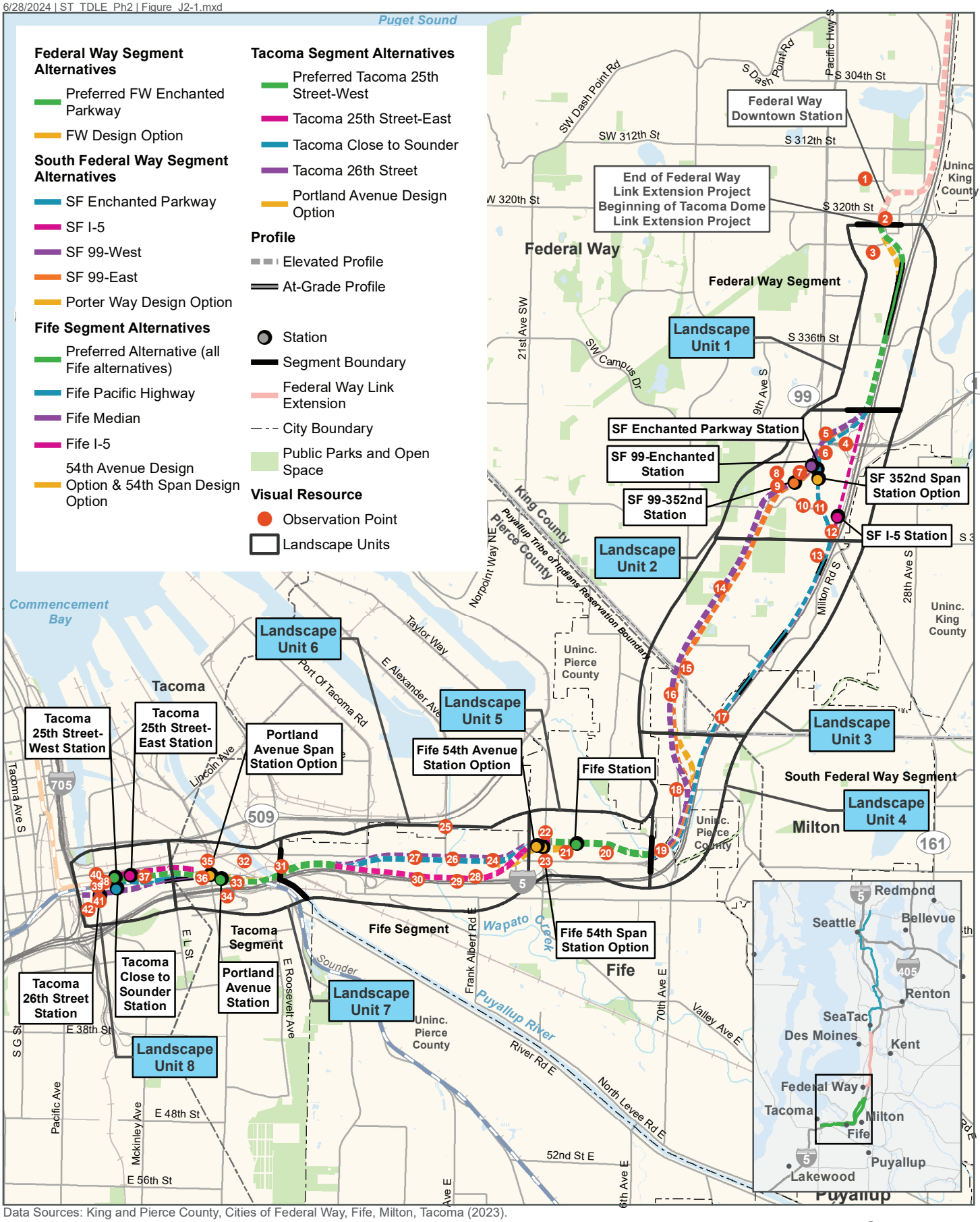

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE J2-1
Landscape Unit Overview

Tacoma Dome Link Extension

Visual quality ratings range from 1 to 7 and are described as follows:

1. Very Low
2. Low
3. Medium Low
4. Medium
5. Medium High
6. High
7. Very High

After defining the general visual quality of the landscape units, key observation points were selected at locations to document views where potential changes could affect higher-sensitivity viewers and views that were representative of the visual character of the landscape.

1.1 Impacts Common to All Alternatives

All of the project alternatives would change visual conditions by removing existing landscape features, including trees, landscaping, and buildings, and replacing these with a primarily elevated light rail guideway, stations, and other accessory facilities. All of the alternatives would involve visual changes when overhead utilities are added, raised, or relocated, or where streets or other facilities are modified, replaced, or added. All of the alternatives have components such as retaining walls and sections of elevated guideway supported by columns that would be visually prominent for some adjacent residents and other viewers. Where mature vegetation framing the roadway is removed, viewers may perceive the highway corridor as wider and more prominent, and it can change the visual context of adjacent residential areas by removing the visual buffer from the transportation corridor.

Common to all the alternatives lighting at stations and parking facilities could create light impacts with glare, an increase in the level of ambient light nearby, and increased skyglow, which can impact nighttime views of the sky. Future light rail passengers are likely to experience scenic views from the elevated TDLE station platforms and along the elevated guideway.

1.2 Landscape Unit 1 Visual Quality Analysis Summary

For all alternatives in Landscape Unit 1, Federal Way – S 322nd Street to S 344th Street:

- An existing Bonneville Power Administration transmission line near S 324th Street, visible in downtown Federal Way locations in Landscape Unit 1, would need to be raised. This change would result in low visual change because Mount Rainier would still be visible from public gathering locations, including the Federal Way Performing Arts and Event Center.
- Views to the west and northwest from some locations and homes in Belmor Mobile Home Park (Belmor) would be impacted. The elevated guideway would pass over the top of the northeastern area of Belmor before transitioning to at-grade track parallel to I-5. Displacement of homes in Belmor would impact the visual character of the community. Some views of Mount Rainier would be obscured, resulting in a high visual change for sensitive viewers. The Preferred FW Enchanted Parkway would create less visual impact to Belmor than the FW Design Option because it would displace fewer residences; however, both would result in a high visual change within the Belmor property.

- Mature vegetation along I-5 would be removed adjacent to residential areas, resulting in a high visual change for some residents and sightseeing travelers.

Overall, the build alternatives would have a medium change to visual quality in Landscape Unit 1, with impact for some residents of Belmor and for some residents on the west side of I-5.

1.3 Landscape Unit 2 Visual Quality Analysis Summary

In Landscape Unit 2, South Federal Way – S 344th Street to S 360th Street, the visual analysis is summarized by alternative.

SF Enchanted Parkway Alternative:

- Between S 348th Street and S 356th Street, the elevated guideway would pass over and near several commercial properties, resulting in a medium visual change mainly for shoppers and workers who, as viewers, would be less sensitive to visual changes, so this would not be considered a visual impact.
- The SF Enchanted Parkway Station and SF 352nd Span Station Option would in an area with automobile-dependent businesses set back from the street frontage and surrounded by surface parking and would be constructed in a largely hardscaped area with very little vegetation, mostly outside of and adjacent to existing streetscape landscaping and street tree areas, which would result in a low to medium visual change not resulting in a visual impact.
- Existing views of Mount Rainier from the street and sidewalk on Enchanted Parkway would not be obstructed by the station or guideway structures; however, the guideway would be visually prominent as seen by pedestrians from sidewalks on the Enchanted Parkway, resulting in a medium visual change but no visual impact at this location.
- Between S 356th Street and Todd Beamer High School, some residents in the area would experience visual impacts from tree removal and proximity to the build alternatives. The SF Enchanted Parkway Alternative would have more potential for visual impact where it is closer to residents near S 360th Street along Enchanted Parkway than the SF I-5 Alternative would; however, it would have a lower profile, so would be less prominent and have less visual impact further south within the South Federal Way Segment, where the horizontal alignments between the alternatives are similar.

SF I-5 Alternative:

- The proposed station area would require the acquisition of several parcels along S 356th Street. The addition of an elevated station, new parking facilities, and new roads would result in a medium visual change.
- The SF I-5 Alternative would create a greater visual change to the tree-lined portions of I-5 because mature trees would be removed to accommodate the elevated guideway parallel to I-5 on the back side of nearby businesses. The guideway, which is largely seen alone, would appear similar in scale with structures on I-5, resulting overall in a medium visual change as seen by motorists and higher-sensitivity traveling sightseers.
- the SF I-5 Alternative would have a higher profile south of S 356th Street than would the SF Enchanted Parkway Alternative, so it would be more prominent and have a greater visual impact for viewers further south within the South Federal Way Segment where the horizontal alignments between the alternatives are similar.

SF 99-West and SF 99-East Alternatives:

- The build alternatives would both have less visual impact for viewers on the Enchanted Parkway than would the SF Enchanted Parkway Alternative and much less impact for viewers in the I-5 corridor than the SF I-5 Alternative and SF Enchanted Parkway Alternative, but there would be greater impacts on S 352nd Street and on the State Route (SR) 99 corridor south of S 352nd Street.
- There would be some potential for residents of the Park 16 Apartments to see a SF 99-352nd Station facilities across S 356th Street to the northwest. Similarly, the elevated guideway for the SR 99-East Alternative would potentially be visible. However, the visual quality would not be lower, given that the proposed built alternatives would be less or as visually prominent compared to the existing view of a box store and the industrial storage on the property seen beyond the tree-lined streetscape of S 356th Street.
- The SF 99-West and SF 99-East alternatives would have similar visual impacts for lower-sensitivity commuters and higher-sensitivity sightseers traveling on SR 99. However, for viewers in the SR 99 corridor in the vicinity north of S 356th Street, the SF 99-West Alternative would be more visually prominent and have greater visual change where the elevated guideway crosses over the highway.

Overall, the build alternatives would result in a medium to low change to visual quality in Landscape Unit 2.

1.4 Landscape Unit 3 Visual Quality Analysis Summary

Landscape Unit 3, South Federal Way – S 360th Street to the King/Pierce County Line

For the SF I-5 and SF Enchanted Parkway alternatives in this landscape unit:

- The elevated guideway would parallel Interstate 5(I-5), resulting in the removal of vegetation and a medium visual change.
- Some parcels would be acquired, which would displace some residential structures, resulting in a medium visual change.
- Where the proposed alignment is adjacent to I-5, south of S 360th Street, residents within close proximity of the alignment would experience a high visual change. The slightly higher elevated guideway of the SF I-5 Alternative in the northmost part of this landscape unit would be more visually impactful than would the lower profile of the SF Enchanted Parkway Alternative.

For the SF 99-West and SF 99-East alternatives in this landscape unit:

- The elevated guideway for both alternatives would parallel SR 99, resulting in the removal of vegetation and a medium to high visual change.
- The elevated guideway structure would be visually apparent in this narrower highway corridor resulting in high visual change for lower-sensitivity motorists and higher-sensitivity traveling sightseers. It would have a low to moderate impact for residential viewers who have limited views, except for some residents in the Spring Valley Mobile Home Park near SR 99 who would see a moderate impact to visual quality in Landscape Unit 3.
- Both the SF 99-West and SF99-East alternatives would have a moderate visual impact to the Montessori Academy at Spring Valley for students and staff, who have average viewer sensitivity. The SF 99-West Alternative would be closer and more visually prominent that the SF 99-East Alternative.

- Visitors to Gethsemane Cemetery would have high sensitivity to visual change and would experience a moderate visual impact with both SF 99 alternatives. However, the SF 99-East Alternative would be closer and more prominent and have a greater visual impact.

Higher-sensitivity traveling sightseers on I-5 and SR 99 would see a moderate to high impact to visual quality for the build alternatives proposed for those corridors.

Overall, the build alternatives would result in a medium to low change on visual quality in Landscape Unit 3. However, both the SF I-5 and the SF Enchanted Parkway alternatives would be viewed by some residents south of S 360th Street and west of I-5 and students at Todd Beamer High School, and these viewers would see an impact to visual quality. Additionally, where higher-sensitivity visitors to Gethsemane Cemetery and Montessori students would see the SF 99 alternatives, they would also experience impact on visual quality.

1.5 Landscape Unit 4 Visual Quality Analysis Summary

Landscape Unit 4, Milton – King/Pierce County Line to Fife City Limit near Wapato Way E

For all the alternatives in this landscape unit:

- Residents in the neighborhood near 69th Avenue E, with views of the alignment to the southeast, would be sensitive to visual changes in this area, resulting in a high visual change for these viewers. Some views of Mount Rainier from this area would be obstructed.

For the SF Enchanted Parkway and SF I-5 alternatives in this landscape unit:

- The alternatives would have the same alignment along I-5 in Landscape Unit 4. The alignment would require the acquisition of some parcels along I-5 and the removal of mature dense vegetation in some areas. A reduction of visual unity would result in a medium degree of change because vegetation would be cleared, and new facilities would cause a visual encroachment.
- Some views from I-5 of video billboards west of I-5 would change with the elevated guideway, which would represent a visually prominent element. The elevated guideway would not affect any vivid and memorable features or views and would not substantially reduce the unity of this complex and heterogeneous area.

For the SF 99-West and SF 99-East alternatives in this landscape unit:

- The alternatives would have close to the same alignment in Landscape Unit 4. Visual alterations to the area would result in a moderate visual change for drivers on local roads and Pacific Highway.
- The Porter Way Design Option would have less visual impact along SR 99 than either alternative. However, the Porter Way Design Option would generally result in more visual impact in the surrounding area and slightly more impact for viewers in the I-5 corridor due to more removal of mature vegetation.

Overall, the build alternatives would result in medium to low changes to visual quality in Landscape Unit 4. Some residents with direct views would experience visual quality impacts near 69th Avenue E.

1.6 Landscape Unit 5 Visual Quality Analysis Summary

Landscape Unit 5, Fife – Fife City Limit near Wapato Way E to 52nd Avenue E

For the Preferred Alternative (where the Fife Pacific Highway Alternative, Fife Median, and Fife I-5 alternatives are on the same alignment):

- The Fife Pacific Highway, Fife Median, and Fife I-5 alternatives would have the same visual impacts from the elevated guideway and the acquisition of several parcels.
- Between 12th Street E and 15th Street E near 59th Avenue E, the addition of the elevated guideway and elevated station and the displacement of some existing industrial land uses would change the visual character of the area, but it would not substantially affect vivid and memorable features or views and would slightly reduce the visual unity of this area. Because this area is moderately populated and mostly associated with commercial uses, most viewers would be low-sensitivity viewers. View of the elevated guideway would be prominent for sensitive viewers from the St. Paul Chong Hasang Church. Overall, all of the alternatives would have a low visual impact in Landscape Unit 5.
- Some residents and church visitors in the area, including those on 15th Street E, would experience visual impact with close views of the elevated guideway and the preferred Fife Station on E 15th Street and 59th Avenue E north of Pacific Highway. The built elements could also be seen to add visual unity or coherence to an area with a wide variety of building forms and uses.

For the design options in Landscape Unit 5:

- The 54th Avenue Design Option would have roughly the same visual impacts as the Preferred Alternative, except that the Fife 54th Avenue Station Option would shift the station west to a more commercial and industrial area, away from residents on 15th Street E. Thus, it would have less visual impact for residents, who would instead have views of the somewhat less visually prominent elevated guideway.

- For the 54th Span Design Option, the elevated guideway would curve south, with the alignment located closer to residents on 15th Street E than the Preferred Alternative. The station would be closer and more prominent for residential viewers closer to 54th Avenue E and less prominent than the Preferred Alternative station location for residents closer to 59th Avenue E.

Overall, the build alternatives would result in low change to visual quality in Landscape Unit 5. However, some residents with direct views would experience a visual impact.

1.7 Landscape Unit 6 Visual Quality Analysis Summary

Landscape Unit 6, Fife – 52nd Avenue E to the Puyallup River

For all alternatives in this landscape unit:

- For all the alternatives, between 52nd Avenue E and the vicinity of 51st Avenue E, the guideway would be elevated throughout Landscape Unit 6 and would curve south along the same or close to the same alignment across industrial and commercial properties before crossing Pacific Highway. All alternatives would also have the same alignment west of the I-5 on-ramp at Port of Tacoma Road, resulting in the same visual change. The elevated guideway in both of these locations would be apparent to all viewers, but the impact is anticipated to be low due to the heterogeneous visual character of the areas.

Fife Pacific Highway and Fife Median alternatives:

- Viewers south of the highway would have a higher visual change, with the elevated guideway of the Fife Pacific Highway Alternative more prominently located along the south side of Pacific Highway. Conversely, for the Fife Pacific Highway Alternative, viewers north of the highway would have less visual change further away and partially screened by street trees.
- The Fife Median Alternative would be in the median of Pacific Highway on elevated guideway and equally prominent for viewers north and south of the highway, but it would result in less visual change due to greater retention of streetscape areas for street tree plantings, which would screen and buffer the visual prominence of the elevated structures. The Fife Pacific Highway Alternative would allow larger street trees to be located only on the north side of the highway.
- Motorists and higher-sensitivity sightseeing travelers for both alternatives would see elevated guideway on one side and restored or existing streetscapes on the other. For the Fife Pacific Highway Alternative, the elevated guideway structure would be more prominent for eastbound travelers. For the Fife Median Alternative, the elevated guideway would be closer and equally prominent for travelers in both directions.
- Residents in the vicinity of Alexander Avenue E would have limited views of the build alternatives, with vegetation along Wapato Creek screening most views of Pacific Highway. The elevated guideway for the Fife Pacific Highway alternatives would be visible at a distance where they cross over Alexander Avenue, as would the more distant Fife I-5 Alternative.
- Where the elevated guideways for both alternatives cross over the I-5 and the Port of Tacoma interchange curving south to parallel I-5, a medium low visual change would result because of the area's medium low visual quality and medium viewer sensitivity.
- The Fife Pacific Highway and Fife Median alternatives would be more central to the community than the Fife I-5 Alternative along the freeway and would result in a high visual change for viewer groups including business owners, employees, patrons, drivers, considered to have lower sensitivity to visual change and higher-sensitivity traveling sightseers and pedestrians on both sides of Pacific Highway.

Fife I-5 Alternative:

- The Fife I-5 Alternative alignment curves southwest from the preferred Fife Station and crosses over Pacific Highway west of 51st Avenue E, continuing along to the north edge of I-5. The elevated guideway structure would be constructed on the two parcels to the east of the Chateau Rainier apartment complex, resulting in a medium visual change.
- The alternative would continue west along I-5, on the southern edge of the Chateau Rainier apartment complex, several auto dealerships, and the Puyallup Tribal Integrative Medicine facility. The elevated guideway would alter some views of Mount Rainier from the apartment complex and would block some views of the existing auto dealership signs in this area for travelers on I-5. It would be a high level of change to visual intactness and a visual impact for residents of the apartments with direct views.

Overall, the build alternatives would result in a medium to low change to visual quality in Landscape Unit 6. The elevated guideway of the Fife I-5 Alternative would appear more similar in scale with other structures seen on I-5 as compared with the Fife Pacific Highway and Fife Median Alternatives, where the large scale of the elevated guideway would visually contrast more with the smaller visual scale elements visible along Pacific Highway.

1.8 Landscape Unit 7 Visual Quality Analysis Summary

Landscape Unit 7 – Tacoma – Puyallup River to East L Street

For all alternatives in this landscape unit:

- The Puyallup River is important for the Puyallup Tribe of Indians. There are many different users of the river who are viewers. Two bridge options are being considered for the guideway crossing. The pier-supported guideway bridge would be about 10 feet higher than the existing I-5 bridges. The long-span bridge (segmental box girder) would span the river and would be approximately 60 feet higher than the existing I-5 bridges and, thus, be more prominent to viewers. West of the river, the elevated guideway would traverse an area with industrial uses within view of a large rail yard to the north, resulting in low visual change.
- The Portland Avenue Station or the Portland Avenue Span Station Option would be constructed in a heavily developed area, resulting in a medium change in an area with low viewer sensitivity. The elevated structure of the station and elevated guideway would represent a visually prominent element but would have limited impact to views of vivid or memorable features in this area, would not reduce the visual unity, and would improve vividness in this complex and heterogeneous area.
- All the build alternatives would be visually apparent for visitors to the Emerald Queen Casino and hotel. However, they would not be visually incompatible with the prominent structures of I-5 in the foreground and industrial and commercial buildings beyond I-5. The elevated guideway structure would not block views of the horizon from the level of the main casino floor and higher.
- An optional Portland Avenue bike and pedestrian bridge (not currently funded or part of TDLE) is being considered and may be constructed across I-5 to the heavily developed area on the south side of the interstate, resulting in a medium change. The elevated structure would represent a visually prominent element, particularly to drivers on I-5, adjacent to the new Puyallup Tribe of Indians casino and hotel. The optional bridge would not reduce the visual unity and could improve vividness in this visually complex area. Viewer sensitivity for visiting pedestrians and motorists in this area is average for visiting hotel guests.
- When paired with the Tacoma Close to Sounder or the Tacoma 26th Street alternatives, the elevation of the Portland Avenue Span Station would be approximately 10 feet lower than if paired with other alternatives in the Tacoma Segment and 14 feet lower than any alternative paired with the Portland Avenue Station. This difference in elevation would reduce the visual prominence for some viewers but would not substantially change the overall visual impacts in the station area.

Overall, viewer sensitivity is low in this area, and the build alternatives would result in a low change to visual quality, while addition of the distinctive visual patterns of the elevated guideway structure in this area would improve vividness to some views in Landscape Unit 7 for all alternatives.

Other structure types that could potentially be considered for a long-span bridge over the Puyallup River could include a cable-stayed, extradosed, truss, or arch. Bridge type would be determined during final design based on various factors. These bridge types could be higher and have more visible elements such as cables that could be more prominent in the visual landscape.

1.9 Landscape Unit 8 Visual Quality Analysis Summary

Landscape Unit 8, Tacoma – East L Street to I-705

Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives:

- The overhead station structures, the supporting columns, and the elevated guideway for the Preferred Tacoma 25th Street-West and Tacoma 25th Street-East alternatives create a visual effect of a tunnel, which continues west over E 25th Street, with high visual changes to the street. However, the impact to visual quality would be most noticed and reduced for residents (development under construction), patrons, visitors, and transit users in the transit station areas adjacent to Freighthouse Square. For more distant views, there would be low change for the lower profile of the Tacoma 25th Street-East Alternative because the scale and form have less contrast with surrounding buildings and structures. The Tacoma 25th Street-West Alternative would result in greater visual change as seen from farther away because of its higher profile.
- The tail track for the Preferred Tacoma 25th Street-West Alternative extends the full length of the Freighthouse Square block but would not extend across or block views north to the waterways for transit users and visitors to the Tacoma Dome on East D Street. The tail track for the Tacoma 25th Street-East Alternative extends just halfway along the Freighthouse Square block of 25th Street, so it would result in less visual change for transit users and visitors in the area.

Tacoma Close to Sounder Alternative

- There would be fewer street-level viewers for the Tacoma Close to Sounder Alternative east of East L Street than for the alternatives on E 25th Street, so it would represent lower visual quality change on E 25th Street. However, the removal of the Freighthouse Square building and replacement with a new Tacoma Close to Sounder Alternative station would result in a medium visual change for this alternative for patrons, visitors, and transit users.
- The Tacoma Close to Sounder Alternative would result in greater visual change as seen from farther away because of its higher profile.

Tacoma 26th Street Alternative:

- With the guideway overhead and structural columns located on both sides of E 26th Street between East G Street and the I-705 off-ramp to the west, the Tacoma 26th Street Alternative's elevated guideway would represent a high change to street-level views, but a moderate visual impact given the similar visual character of the existing surroundings.
- As seen from farther away, this build alternative would result in a higher visual change for Tacoma Dome and LeMay Museum visitors looking toward the facilities. Some views north toward the cable stay bridge, toward downtown, and to the Thea Foss Waterway would be partially obstructed.

Overall, the build alternatives would result in a low to moderate visual change in Landscape Unit 8. Visual impacts would result in the Freighthouse Square area, where there would be some reduction of visual quality, most notably with the Tacoma 25th Street-West and Tacoma Close to Sounder alternatives. Partial obstruction of water and city views, including the prominent cable-stayed East 21st Street Bridge would result in visual impact from the Tacoma 26th Street Alternative.

Table J2-1 TDLE Visual Quality Ratings

Alternative	Notes	Vividness Rating	No.	Intactness Rating	No.	Unity Rating	No.	Average Rating
Landscape Unit 1 Federal Way Segment								
Existing		Areas of commercial, residential, and I-5 mixed with mature trees and other vegetation. Medium vividness.	4	Commercial area, single-family residential neighborhoods, and I-5. Medium low intactness.	3	Mature trees and other vegetation are the most unifying elements, especially along I-5. Medium high unity along I-5. Medium unity overall.	4	3.7
Preferred FW Enchanted Parkway Alternative	All build alternatives would displace some mobile homes from Belmor Mobile Home Park.	Vegetation and some residential development would be removed, reducing vividness.	3	Elevated guideway would displace some houses and reduce intactness for adjacent residents and sightseeing travelers on I-5.	3	Some trees and vegetation would be removed, reducing unity for residential viewers and sightseeing travelers on I-5.	3	3.0
Preferred FW Enchanted Parkway Alternative with FW Design Option	All build alternatives would displace some mobile homes from Belmor Mobile Home Park.	More residential development would be removed than the base alternatives, but impact on vividness would be the same.	3	Elevated guideway would displace some houses and would be more visually prominent, further reducing intactness for adjacent residents.	2	Some trees and vegetation would be removed, reducing unity for residential viewers and sightseeing travelers on I-5.	3	2.7
Landscape Unit 2 South Federal Way Segment								
Existing		Large commercial buildings with surface-level parking and sparse vegetation. Medium low vividness.	3	Street-level view of street trees on Enchanted Parkway combined with buildings of various sizes, colors, heights, and street orientation. Medium intactness.	4	Streetscapes on local streets, landscaping around developed areas, and trees along I-5 are the most unifying elements. Medium unity.	4	3.7
SF Enchanted Parkway Alternative		Elevated structure would obscure sky views to the west but would not substantially reduce vividness of the varied elements seen along Enchanted Parkway.	2	Addition of elevated guideway would be visually obvious as seen from the street but would not substantially reduce intactness to the varied built environment along Enchanted Parkway. It would reduce intactness for residents adjacent the parkway and I-5.	3	Landscaping would not be substantially impacted, so the unity would not be substantially affected.	4	3
SF I-5 Alternative		Elevated structure would reduce vividness parallel to I-5.	2	Addition of elevated guideway parallel to I-5 would be of similar scale to I-5 structures and reduce intactness only slightly.	3	Some vegetation along I-5 would be removed, and the impact would reduce visual unity.	3	2.7

Table J2-1 TDLE Visual Quality Ratings (continued)

Alternative	Notes	Vividness Rating	No.	Intactness Rating	No.	Unity Rating	No.	Average Rating
SF 99-West Alternative		Would not substantially reduce vividness of the varied elements seen in this area.	3	Addition of elevated guideway would be visually obvious as seen from the street but would not substantially reduce intactness to the varied built environment.	3	Unity would not be reduced by the addition of the elevated guideway.	3	3
SF 99-East Alternative		Would not substantially reduce vividness of the varied elements seen in this area.	3	Addition of elevated guideway would be visually obvious as seen from the street but would not substantially reduce intactness to the varied built environment.	3	Unity would not be reduced by the addition of the elevated guideway.	3	3
Landscape Unit 3 South Federal Way Segment								
Existing	The roadside visual character of I-5 and SR 99 are similar in this landscape unit.	Generously spaced residential properties on rolling hills delineated by mature trees and other vegetation. Medium vividness.	4	Rural residential properties, forested areas, high school and preschool campuses, Wild Waves Theme & Water Park, gravel pit, and I-5 and SR 99 bisecting the landscape unit. Medium high intactness.	5	Large residential and agricultural properties create a rural feel in the central part of the landscape unit, providing some unity. Medium unity.	4	4.3
SF Enchanted Parkway Alternative		Elevated structure would slightly lower vividness on the west side of I-5 due to the removal of trees for some residents and sightseers on I-5.	3	Elevated guideway would parallel a similar structure in I-5, but removal of some trees would reduce intactness.	3	Elevated guideway would leave most agricultural properties intact, preserving unity.	3	3.0
SF I-5 Alternative	Elevated guideway structure of SF I-5 Alternative is higher in profile here than the SF Enchanted Parkway Alternative south of SR 161.	Elevated structure would slightly lower vividness on the west side of I-5 due to removal of trees for some residents and sightseers.	3	Removal of some trees and a higher elevated guideway profile compared to the SF Enchanted Parkway Alternative would reduce intactness more.	3	Compared to the SF Enchanted Parkway Alternative, the higher elevated guideway would be more visible and have greater impact on visual unity.	3	3
SF 99-West Alternative		Elevated structure would slightly lower vividness on east side of SR 99 due to the removal of trees for some residents and sightseers.	3	Elevated guideway would parallel a similar size structure of SR 99, but removal of some trees would reduce intactness.	3	Removal of trees along SR 99 would reduce visual unity of views of the forested roadside.	2	2.7

Table J2-1 TDLE Visual Quality Ratings (continued)

Alternative	Notes	Vividness Rating	No.	Intactness Rating	No.	Unity Rating	No.	Average Rating
SF 99-East Alternative		Elevated structure would slightly lower vividness on east side of SR 99 due to the removal of trees for some residents and sightseers.	3	Elevated guideway would parallel a similar size structure of SR 99, but removal of some trees would reduce intactness.	3	Removal of trees along SR 99 would reduce visual unity of views of the forested roadside would remove fewer trees than the SF 99-West alignment.	3	3
Landscape Unit 4 South Federal Way Segment								
Existing in the I-5 corridor	I-5 corridor visual character is different than SR 99 corridor in this landscape unit. Concentration of sensitive viewers in residential area in the southeast, near the Fife Heights neighborhood.	Residential, commercial, and agricultural properties. Medium vividness.	4	Mix of residential and commercial building types and agricultural land bisected by I-5 and SR 99. Medium intactness.	4	Mature vegetation is the most unifying element in the landscape unit. Medium unity.	4	4
SF Enchanted Parkway and SF I-5 Alternatives		Elevated guideway would reduce vividness for some sensitive viewers.	2	Large, elevated guideway would have minor impact to intactness.	3	Some vegetation would be removed, but unity would not be substantially reduced.	3	2.7
Existing in SR 99 corridor	SR 99 corridor visual character is different than I-5 corridor in this landscape unit.	Mix of commercial building types bisected by SR 99. Low to medium vividness.	3	Mix of commercial building types bisected by SR 99. Low to medium intactness.	3	Mix of commercial building types bisected by SR 99. Low to medium unity.	3	3.0
SF 99-West Alternative		Elevated guideway would not reduce vividness.	3	Large, elevated guideway would not impact intactness.	3	Unity would not be reduced.	3	3.0
SF 99-East Alternative		Elevated guideway would not reduce vividness.	3	Large, elevated guideway would not impact intactness.	3	Unity would not be reduced.	3	3.0
SF 99-West and SF 99-East with Porter Way Design Option		Elevated guideway would not reduce vividness.	3	Large, elevated guideway would have minor impact to intactness.	3	Vegetation would be removed, but unity would not be substantially reduced.	3	3.0
Landscape Unit 5 Fife Segment								
Existing		Industrial and commercial buildings with some agricultural land. Medium vividness.	4	Warehouse and industrial buildings have encroached into previous natural areas. Medium low intactness.	3	Mix of uses, building types, and vegetation. Medium unity.	4	3.7

Table J2-1 TDLE Visual Quality Ratings (continued)

Alternative	Notes	Vividness Rating	No.	Intactness Rating	No.	Unity Rating	No.	Average Rating
Fife Pacific Highway, Median, I-5 Alternatives and 54th Avenue Design Option/	All alternatives follow the same alignment in this landscape unit.	Elevated guideway would not reduce vividness.	4	Elevated guideway would have minor impact to intactness.	3	Elevated guideway would slightly reduce visual unity.	3	3.3
54th Span Design Option	Alignment would locate closer to residents on 15th Street E.	Prominent guideway would reduce vividness.	3	Elevated guideway would reduce intactness.	2	Elevated guideway would reduce visual unity.	2	2.3
Landscape Unit 6 Fife Segment								
Existing	The visual character of I-5 and SR 99 are similar. The baseline visual quality is medium low.	A diverse blend of shapes and colors of commercial, industrial buildings, highway, parking, and signage. Medium low vividness.	3	Mix of building types with large parking and storage areas with encroaching building types, signage, and parking areas. medium low intactness.	3	The most unifying elements are streetscaping and light posts on some segments of SR 99. Medium low unity.	3	3.0
Fife Pacific Highway Alternative		The elevated guideway would not reduce vividness along SR 99.	3	Elevated guideway would introduce a new vertical element but would not be out of scale with nearby elements. No reduction in intactness.	3	Any impacts on streetscape elements would be replaced following city requirements and would not impact unity.	3	3.0
Fife Median Alternative		The elevated guideway would not reduce vividness along SR 99.	3	Elevated guideway would introduce a new vertical element but would not be out of scale with nearby elements. No reduction in intactness.	3	Unity would not be reduced by the addition of the elevated guideway.	3	3.0
Fife I-5 Alternative	Business owners along I-5 are sensitive to keeping open visibility to signs.	The elevated guideway would not reduce vividness along I-5 but would obscure some views of Mount Rainier.	2	Elevated guideway would introduce a new vertical element but would not be out of scale with nearby elements. No reduction in intactness.	3	Unity would not be reduced by the addition of the elevated guideway.	3	2.7
54th Avenue Design Option and 54th Span Design Option	Alignment for both options is different than the alternatives without options in the area between S 54th Ave E and Pacific Highway.	The elevated guideway would not reduce vividness along SR 99.	2	Elevated guideway would introduce a new vertical element but would not be out of scale with nearby elements. No reduction in intactness.	2	Unity would not be reduced by the addition of the elevated guideway.	2	2.0

Table J2-1 TDLE Visual Quality Ratings (continued)

Alternative	Notes	Vividness Rating	No.	Intactness Rating	No.	Unity Rating	No.	Average Rating
Landscape Unit 7 Tacoma Segment								
Existing	Some sensitive viewers on or along river otherwise viewers not sensitive close to build alternatives.	Commercial and industrial buildings divided by wide streets, highways, and rail lines. Low vividness.	2	Varied development types and land uses with high degree of encroachment. Low intactness.	2	Some degree of unity south of I-5, but development north of I-5 is inconsistent without much visual harmony. Low unity.	2	2.0
Tacoma 25th Street-West Alternative		Elevated guideway architecture adds visual order to visually diverse views in this area.	3	Elevated structure would not reduce intactness in this landscape unit.	2	Elevated structure would not reduce unity in this landscape unit.	2	2.3
Tacoma 25th Street-East Alternative		Elevated guideway architecture adds visual order to visually diverse views in this area.	3	Elevated structure would not reduce intactness in this landscape unit.	2	Elevated structure would not reduce unity in this landscape unit.	2	2.3
Tacoma 26th Street Alternative		Elevated guideway architecture adds visual order to visually diverse views in this area.	3	Elevated structure would not reduce intactness in this landscape unit.	2	Elevated structure would not reduce unity in this landscape unit.	2	2.3
Tacoma Close to Sounder Alternative		Elevated guideway architecture adds visual order to visually diverse views in this area.	3	Elevated structure would not reduce intactness in this landscape unit.	2	Elevated structure would not reduce unity in this landscape unit.	2	2.3
Landscape Unit 8 Tacoma Segment								
Existing	Higher sensitivity for street-level viewers in the Freighthouse square area and for visitors to the Tacoma Dome and LeMay Museum.	Industrial and commercial buildings and monumental architecture of the Tacoma Dome and LeMay Museum, with light presence of vegetation and views of port, bridges and downtown. Identifiable and desirable pedestrian streetscape character in the Freighthouse Square area on E 25th Street. Medium to high vividness.	5	Industrial storage and older warehouses along E 25th St. A few blocks around and east of Freighthouse Square have more intactness. Overall, medium intactness in an area both with intact historic and new elements.	4	Blocks around Freighthouse Square show some cohesiveness in streetscape, landscape, and building scale and design. Outside of these areas, unity is lower. Overall, medium unity.	4	4.3

Table J2-1 TDLE Visual Quality Ratings (continued)

Alternative	Notes	Vividness Rating	No.	Intactness Rating	No.	Unity Rating	No.	Average Rating
Tacoma 25th Street-West Alternative		Elevated structure on E 25th Street would create a tunnel effect and detract from streetscape character near Freighthouse Square and vividness of sky view would be reduced.	3	Distant views of the elevated structure along E 25th Street would be seen as compatible with other structures in terms of scale, but at street level one would see reduced intactness of sky and streetscape views.	2	Although new structures and streetscape elements would be compatible with other structures of similar scale, the elevated linear structure would obstruct some visual unity in existing urban fabric of this area.	3	2.7
Tacoma 25th Street-East Alternative		Though less so than the E 25th Street-West Alternative, elevated structure on E 25th Street would create a tunnel effect and detract from streetscape character near Freighthouse Square, and vividness of sky view would be reduced.	4	Distant views of the elevated structure along E 25th Street would be seen as compatible with other structures of similar scale, but at street level one would see reduced intactness of sky and streetscape views.	2	The elevated linear structure would obstruct some visual unity in the urban fabric of this area	3	3.0
Tacoma Close to Sounder Alternative		Elevated structure replacing the existing Freighthouse Square would impact the neighborhoods character and vividness of the area.	3.5	Elevated structure would be similar and seen together with the existing Sounder guideway, but replacement of Freighthouse Square with station and guideway would reduce intactness.	3	New elevated guideway would be designed to be compatible with existing Sounder tracks and development, thus it would not reduce unity.	4	3.5
Tacoma 26th Street Alternative		Elevated structure on E 26th Street would introduce a new overhead track and station, which would lower vividness of views toward the port, bridges and downtown.	3.5	Elevated structure on E 26th Street would be a similar scale to buildings and other infrastructure elements in the area. No reduction of intactness.	3	Unity of design along E 26th Street is medium. The future station area has the potential to enhance unity in the area and would not lower existing unity.	4	3.5

2 OBSERVATION POINT ANALYSIS

This section depicts and explains how TDLE would affect the visual quality of the corridors TDLE would pass through as seen from selected locations, or observation points, within the study area. Figure J2-2 shows the 31 observation point locations where the visual quality of the observation point views would change or where views of Puget Sound, Mount Rainier, or other mountains might be blocked or intruded upon by TDLE components, such as elevated guideways.

The criteria for selecting views are based upon, but do not strictly follow, the visual assessment methodology developed by FHWA. The views were selected to represent areas with concentrations of visually sensitive viewers and to help answer the questions:

- Is this particular view common or dramatic?
- Is it a pleasing composition with a mixture of elements that appear to belong together or not with elements that do not appear to belong together or which contrast with the other elements in the surroundings?

The consideration of a “view” (of Puget Sound, the mountains, or Mount Rainier) is considered to contribute to vividness and is a stand-alone factor for assessing impacts on visual and aesthetic resources. The three factors used to assess impacts on visual and aesthetic resources in this technical report are changes to visual quality based on vividness, intactness, and unity; intrusion upon or blockage of views of Puget Sound, Mount Rainier, or other mountains; and impacts associated with light and glare.

The visual simulations contained in this appendix were developed from photographs taken from selected observation points with preliminary designs superimposed on the photos. The designs of the build alternatives are preliminary (5 to 10 percent design level), and they show approximate shapes and elevations to depict potential visual quality impacts of the build alternatives. These simulations are useful for depicting the form and scale of the components of the various alternatives and options as well as how they might affect views. The simulations are valuable for depicting differences between the alternatives and options.

Some of the simulations show potential landscaping, minimization, or mitigation measures for landscape elements that would be developed as the project progresses, as described in the Draft Environmental Impact Statement Visual Resources Section 4.5.4, Potential Mitigation Measures.

For the purpose of this analysis, a visual impact occurs when the visual quality category would be lowered one category or more (high to medium or medium to medium low) in an area with a concentration of sensitive viewers.

2.1 Federal Way Segment

Observation points 1 through 3 in the Federal Way (FW) Segment, which includes Landscape Unit 1, were chosen to assist in evaluating the impacts of the Preferred FW Enchanted Parkway Alternative with and without the FW Design Option. These observation points and simulations are shown in Figures J2-2 to J2-5.

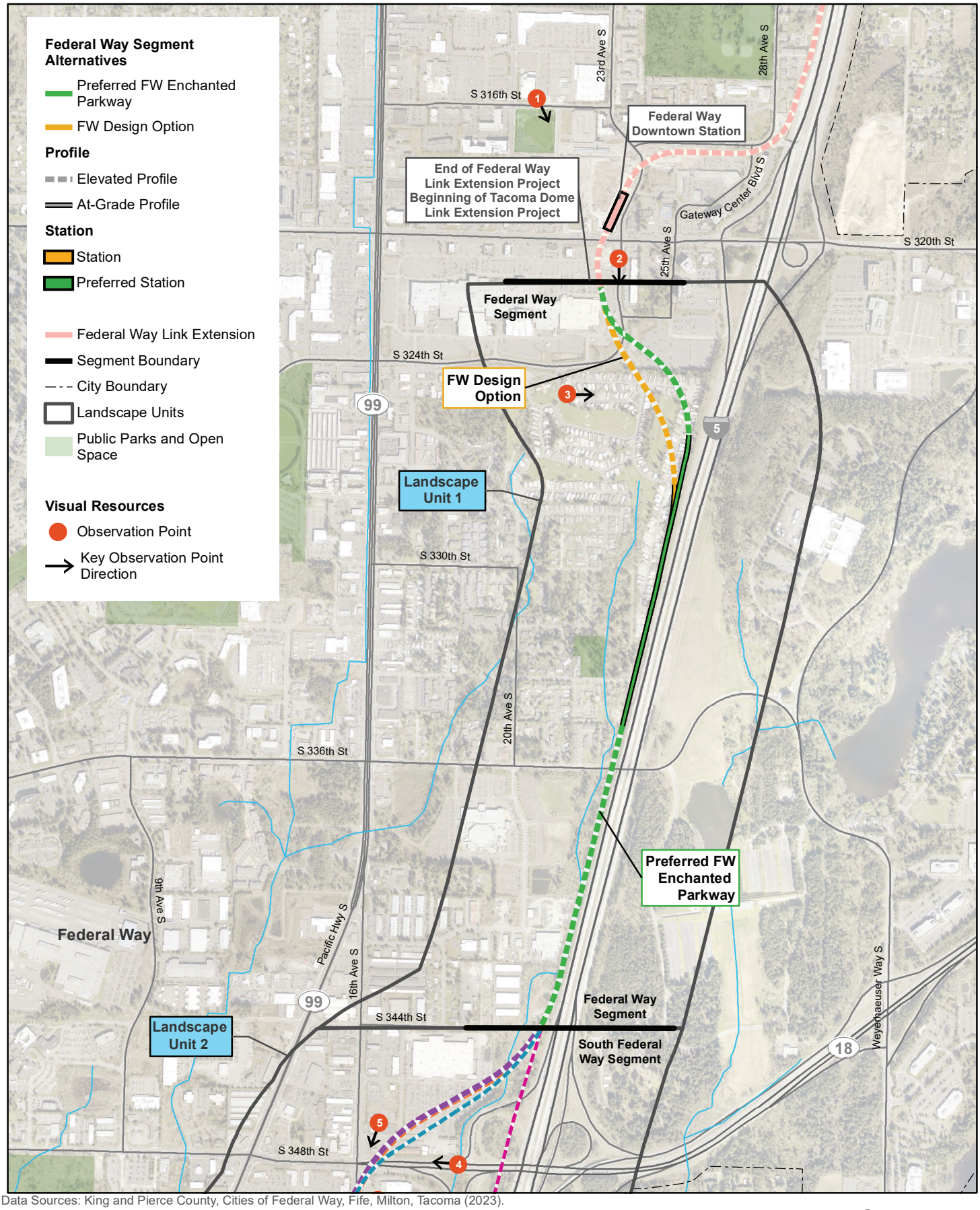

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J2-2
Landscape Units and Observation Points
Federal Way Segment

Tacoma Dome Link Extension

2.1.1 Observation Point 1, Looking Southeast from the Federal Way Performing Arts Center

Existing View

Figure J2-3 shows the view looking southeast from the Federal Way Performing Arts Center. The Center is an important public space that overlooks the City and provides views of Mount Rainier. The expansive view includes Town Square Park in the foreground, with a varied mix of commercial, retail, and office building forms of the Federal Way downtown area; transmission towers just beyond; and more distant views of terrain and Mount Rainier. This view is typical for Town Square Park and other civic spaces nearby. Viewers include people at the Federal Way Performing Arts and Event Center and Town Square Park, as well as commuting motorists and pedestrians. The view from observation point 1 is a mix of the highly vivid view of Mount Rainier and civic buildings and the less vivid, lower unity view of the commercial areas.

Preferred FW Enchanted Parkway Alternative (with or without FW Design Option)

As shown in Figure J2-3, the scale and form of the elevated guideway of the Preferred FW Enchanted Parkway Alternative with and without the FW Design Option would not substantially contrast with the existing scale of elements or visual unity of the area. The raising of transmission lines that would be required to allow clearance for the guideway and trains to pass under could impact more distant views but would not substantially change the view of Mount Rainier from the Performing Arts Center or Town Square Park and would not result in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium).
- Intactness = medium low (medium low).
- Unity = medium low (medium low).
- Visual Quality = medium low (medium low).

2.1.2 Observation Point 2, Looking South on 23rd Avenue S, South of S 320th Street

Existing View

The view looking south on 23rd Avenue S shown in Figure J2-4 is of the roadway arterial, the shopping center, and large areas of parking. Motorists and pedestrians in this area see a limited amount of visual unity provided by trees and ornamental light standards along the street and in the commercial area. This is contrasted by a diversity of commercial, parking, and roadway elements, resulting in lower visual intactness, unity, and vividness for this view.

Preferred FW Enchanted Parkway Alternative (with or without FW Design Option)

The simulations in Figure J2-4 show differences in the visual impact that the Preferred FW Enchanted Parkway Alternative with and without the FW Design Option would have on the visual quality as experienced by motorists and pedestrians on 23rd Avenue S. The view of the elevated guideways would in part be silhouetted against the sky. Many of the elements of the commercial landscape beyond would be visible looking under the guideway and between the columns. Although views of the elevated guideway and trains would be dominant in this view, the Preferred FW Enchanted Parkway Alternative with or without the FW Design Option would not substantially change the visual quality and would not result in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = medium low (medium low).
- Visual Quality = medium low (medium low).

2.1.3 Observation Point 3, Looking East on Seminole Lane in Belmor

Existing View

Figure J2-5 represents the view looking east from a central location within the Belmor residential neighborhood and shows foreground and middle-ground views of the street with homes and a backdrop of conifer trees screening the view of I-5 and open sky beyond. This view has a medium level of visual unity and intactness and medium low vividness. Mount Rainier and the golf course are seen from nearby, but this view focuses on the potential visual impacts of the elevated guideway. Viewers include local residents who are considered sensitive viewers, visitors, and facility staff.

Preferred FW Enchanted Parkway Alternative (with or without FW Design Option)

The simulations in Figure J2-5 show the difference in impact of the Preferred FW Enchanted Parkway Alternative with and without the FW Design Option in the Belmor neighborhood. The scale and form of the elevated guideway would substantially contrast with the scale of elements or visual unity and intactness of the area. With the FW Design Option, the guideway would be closer and more dominant in this view. Without the FW Design Option, the guideway would be located slightly closer to I-5 and would still be substantially intrusive in this view, resulting in a visual impact for some residents, but it would be seen more against the backdrop of trees in the background and would be seen less in silhouette against the sky.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium (medium low).
- Unity = medium (medium low).
- Visual Quality = medium (medium low).

Existing view

Simulation: Preferred FW Enchanted Parkway Alternative
(with or without the FW Design Option)

Figure J2-3 Observation Point 1 – Federal Way Performing Arts Center Front Plaza (looking southeast)

Existing view

Simulation: Preferred FW Enchanted Parkway Alternative

Simulation: Preferred FW Enchanted Parkway Alternative with FW Design Option

Figure J2-4 Observation Point 2 – 23rd Avenue S South of S 320th Street (looking south)

Existing view

Simulation: Preferred FW Enchanted Parkway Alternative

Simulation: Preferred FW Enchanted Parkway Alternative with FW Design Option

Figure J2-5 Observation Point 3 – Seminole Lane, Belmor (looking east)

2.2 South Federal Way Segment

Observation points 4 through 19 in the South Federal Way (SF) Segment, which include Landscape Units 2 and 3, were chosen to assist in evaluating potential for impacts of the SF Enchanted Parkway, SF I-5, SF 99-West, and SF 99-East alternatives, as well as the Porter Way Design Option and station locations. These observation points and simulations are shown in Figures J2-6 to J2-22.

2.2.1 Observation Point 4, Looking West on SR 18 (S 348th Street)

Existing View

Observation point 4, shown in Figure J2-7, depicts views looking west from the roadside primarily by motorists on this busy highway arterial. The view is primarily of vehicles and the roadway itself, with commercial buildings to the sides and ahead beyond Pacific Highway. The view includes some native conifer trees in the foreground and a distant horizon background of native vegetation. The area and elements in the view have a transportation corridor/commercial character, giving the view a lower overall visual quality.

SF Enchanted Parkway Alternative

The simulation found in Figure J2-7 shows the visual impact the SF Enchanted Parkway Alternative would have where it crosses S 348th Street and Enchanted Parkway as seen from street level. The simulation shows the elevated guideway partially obstructing the distant view of the horizon. This would reduce visual intactness as an intruding element in this view. However, with the level of existing intactness and unity relatively low in this view, the SF Enchanted Parkway Alternative would be consistent with the character in this area and would not result in an impact on visual quality.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = medium low (medium low).
- Visual Quality = medium low (medium low).

2.2.2 Observation Point 5, Looking Southwest from Enchanted Parkway at S 348th Street Intersection

Existing View

The existing view from observation point 5, shown in Figure J2-8, depicts the view looking southwest from the eastern sidewalk of Enchanted Parkway just north of S 348th Street. The view is of the multilane arterial roadway intersection of S 348th Street and Enchanted Parkway surrounded with commercial signage and buildings. Power lines are seen overhead along the eastern side of Enchanted Parkway. Otherwise, the view is relatively open to the sky. The street-front plantings visible beyond the intersection, the wide expanse of roadway, the varied signage and utilities give a low to medium level of visual unity and intactness. Viewers include a range of traveling local residents and commuting motorists and pedestrians.

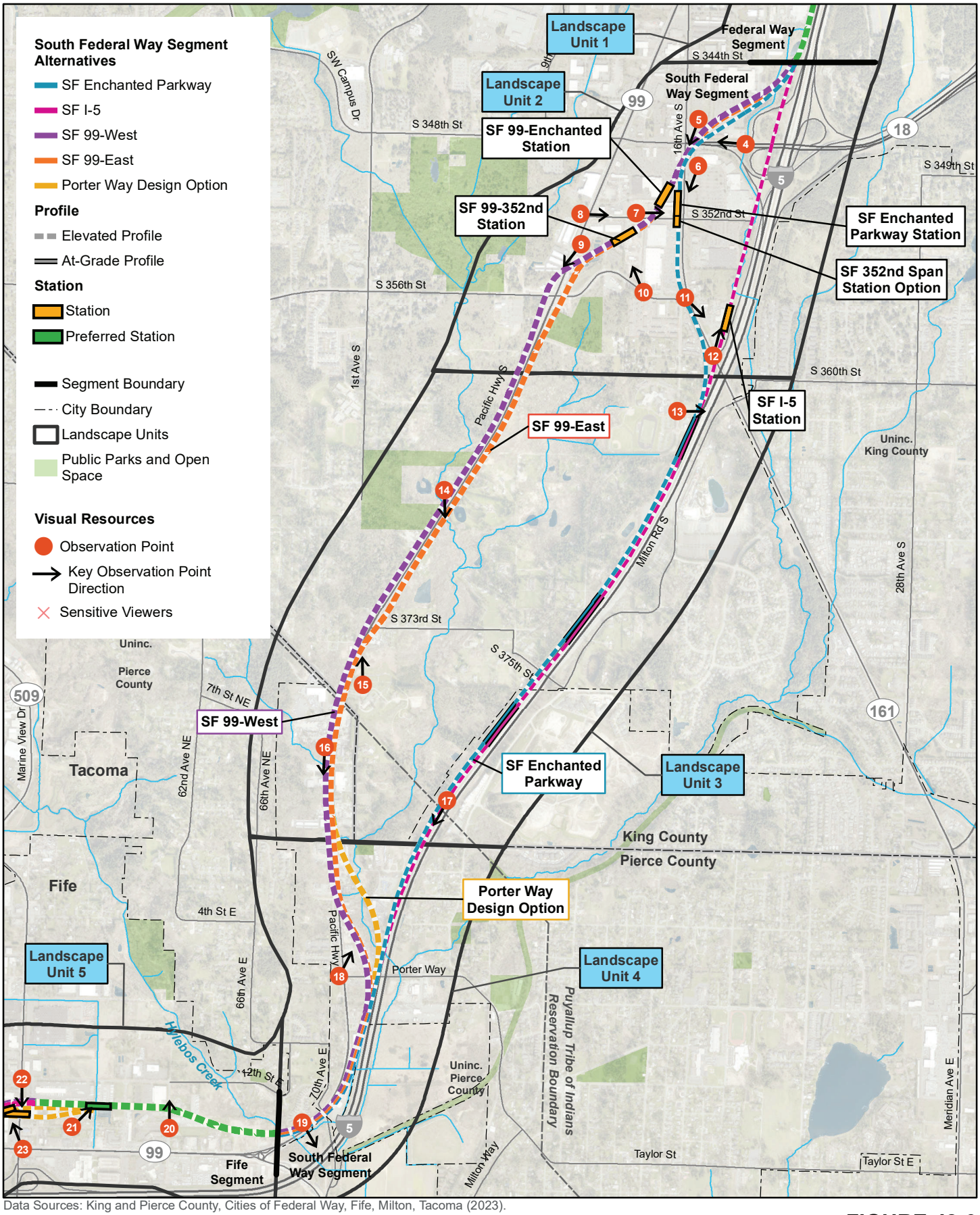

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE J2-6
Landscape Units and Observation Points
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

Existing view

Simulation: SF Enchanted Parkway Alternative

Simulation: SF 99-West and SF 99-East Alternatives

Figure J2-7 Observation Point 4 – SR 18 (S 348th Street) (looking west)

Existing view

Simulation: SF Enchanted Parkway Alternative

Simulation: SF 99-West and SF 99-East Alternatives

Figure J2-8 Observation Point 5 – S 348th Street and Enchanted Parkway S Intersection (looking south)

SF Enchanted Parkway Alternative with SF Design Option

As seen in Figure J2-8, the simulations from this location show the impact of the SF Enchanted Parkway Alternative on visual quality of Enchanted Parkway and the intersection at S 348th Street. The elevated guideway crossing over to the west side of Enchanted Parkway, partially silhouetted against the sky, would provide visual interest and vividness by distracting attention from the otherwise visually dominant expanse of intersection paving. The new guideway structure would improve visual unity and intactness with long, unbroken curving lines of the guideway structure visible into the distance. The SF Enchanted Parkway Alternative guideway structure would be visually obvious to motorists and pedestrians, but its scale and visual dominance would not be substantially inconsistent with the character of this portion of Enchanted Parkway and would not result in a visual impact as seen from observation point 5.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = low (medium low).
- Intactness = medium low (medium low).
- Unity = medium low (medium).
- Visual Quality = medium low (medium low).

2.2.3 Observation Point 6, Looking Southwest from Enchanted Parkway

Existing View

The existing view from observation point 6, shown in Figure J2-9, depicts the view looking southwest along Enchanted Parkway from just south of S 348th Street. The view is of a multilane arterial roadway that sits below the surrounding commercial parking and buildings on either side above roadway level. Power lines are seen overhead along the eastern side of Enchanted Parkway. Otherwise, the view is relatively open to the sky. Substantial street tree plantings and landscaping border Enchanted Parkway on both sides, contributing to a medium level of visual unity and intactness. Viewers include a range of traveling local residents and commuting motorists and pedestrians.

SF Enchanted Parkway Alternative with SF Design Option

As seen in Figure J2-9, the simulations from this location show the visual change of the SF Enchanted Parkway Alternative, the SF 352nd Span Station, and the differences that the two stations would have on visual quality of Enchanted Parkway. The presence of the elevated guideway and stations on the west side of Enchanted Parkway would dominate views looking up from either side of the roadway with the elevated transit components partially silhouetted against the sky. The SF Enchanted Parkway Alternative would be a dominant visual presence as seen from observation point 6 by pedestrians and motorists from the roadway and sidewalk, but would not be substantially inconsistent with the character of the area surrounding Enchanted Parkway with existing commercial buildings and parking areas of similar scale. Although the SF Enchanted Parkway Station and the SF 352nd Span Station would appear distinct from each other at street level and from various distances, neither station location would have a visual impact.

SF 99-West and SF 99-East Alternatives

As seen in Figure J2-9, the SF 99-West and SF 99-East alternatives would be more distant and result in less visual change to this view than would the SF Enchanted Parkway Alternative and would not result in a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium (medium low with the Enchanted Parkway Alternative, medium with SF 99-East and SF 99-West alternatives).
- Unity = medium (medium).
- Visual Quality = medium (medium low with the Enchanted Parkway Alternative, medium with SF 99-East and SF 99-West alternatives).

2.2.4 Observation Point 7, Looking East on S 352nd Street

Existing View

As seen in Figure J2-10, the land near the intersection of S 352nd Street and Enchanted Parkway is commercial in use and gives the intersection area a transportation corridor/ commercial character. The view from observation point 7 along S 352nd Street toward Enchanted Parkway and beyond has some streetscape that contributes to unity and intactness, with the existing concrete mixing plant on the north side of the street giving an industrial feel to the view. Viewers include a range of local residents and commuting motorists and pedestrians.

SF Enchanted Parkway Alternative

Figure J2-10 shows views of the SF Enchanted Parkway Alternative with the SF Enchanted Parkway Station and the SF 352nd Span Station Option. The views with simulations from this location show the impact of the SF Enchanted Parkway Alternative and the differences in impact that the SF Enchanted Parkway Station and the SF 352nd Span Station Option would have on visual quality of S 352nd Street and the Enchanted Parkway corridor. The parking options (garage or surface) for the stations would replace the concrete mixing operation that is seen on the north side of the street. Landscaping and architectural treatments of the parking development could enhance visual unity and intactness. Although the SF Enchanted Parkway Station and the SF 352nd Span Station Option would look noticeably different one from the other as seen from S 352nd Street, the overall visual change would not result in a visual impact for either station location.

SF 99-West and SF 99-East Alternatives

As seen in Figure J2-10, this mid-block photo location is positioned just west of where the alignment for SF 99-West and SF 99-East alternatives would cross S 352nd Street and shows a visually dominant guideway structure overhead. As viewed at a greater distance, the guideway structure would appear less imposing, with existing views of the S 352nd Street streetscape visible under the structure providing a medium change to visual intactness and unity. The SF 99-West Alternative would have a slightly higher adverse change to visual quality in this view, with the presence of the station and bus transit facilities north of S 352nd Street, but the alternatives would not result in a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium (medium low).
- Unity = medium (medium low).
- Visual Quality = medium (medium low).

Existing view

Simulation: SF Enchanted Parkway Station

Simulation: SF 99-West and SF 99-East Alternatives

Figure J2-9 Observation Point 6 – Enchanted Parkway South of S 348th Street (looking southwest)

Existing view

Simulation: SF Enchanted Parkway Alternative

Simulation: SF Enchanted Parkway with 352nd Span Station Option

Figure J2-10 Observation Point 7 – Midblock S 352nd Street (looking east) (Sheet 1 of 2)

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-10 Observation Point 7 – Midblock S 352nd Street (looking east) (Sheet 2 of 2)

2.2.5 Observation Point 8, Looking East at S 352nd Street and SR 99 Intersection

Existing View

As seen in Figure J2-11, the view from observation point 8 looking east across SR 99 and along S 352nd Street is a streetscape of planting strips, with small street trees and vegetation beyond that contribute to unity and intactness. Existing businesses and storage facilities give a business-park look to the view. Viewers include a range of local residents and commuting motorists and pedestrians.

SF 99-East and SF99-West Alternatives with Stations

Simulations in Figure J2-11 from this observation point show the visual impacts that the SF 99-East and the SF 99-West alternative station and guideway locations would have on visual quality of S 352nd Street and SR 99 corridor. The elevated guideway would be apparent where is crosses S 352 Street for both alternatives. The stations would be partially visible for both alternatives, with the SF 99-East station closer and more prominently located south of S 352nd Street. However, the built alternatives would largely be obscured from view by street trees and landscaping and would not result in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium (medium low).
- Unity = medium (medium).
- Visual Quality = medium (medium).

2.2.6 Observation Point 9, Looking Southwest on SR 99 toward S 356th Street Intersection

Existing View

As seen in Figure J2-12, the view from observation point 9 looking southwest along the eastern sidewalk of SR 99 is of planting strips and median landscaping with street trees, northbound roadway lanes, and vegetation beyond that contributes to unity and intactness and existing businesses and billboard are prominent in this view. Viewers include a range of local residents and commuting motorists and pedestrians.

SF 99-East and SF 99-West Alternatives with Stations

Figure J2-12 shows simulations for the elevated guideway structures of the SF 99-East and the SF 99-West alternatives approaching and positioned on either side of SR 99. The SR 99-West alternative would be closer in this view, appearing more prominently as it crosses SR 99 to the west side of the highway. While the elevated guideway for both alternatives would contribute some vividness with a strong visual presence, this would reduce the visual unity or intactness for this view only slightly, and without sensitive viewers identified at this location, the build alternatives would not result in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium).
- Intactness = medium (medium low).
- Unity = medium (medium low).
- Visual Quality = medium (medium low).

2.2.7 Observation Point 10, Looking Northwest from Midblock on S 356th Street

Existing View

As seen in Figure J2-13, the view looks northwest across S 356th Street with planting strips with street trees, a box store building, and a construction storage yard beyond all contributing to a mix of visual quality resulting in medium to low unity and intactness. Views from residences south of S 356th Street are screened from this view by on site mature vegetation. Viewers include a range of local residents and commuting motorists and pedestrians.

SF 99-East and SF 99-West Alternatives with Stations

Figure J2-13 shows simulations for the SF 99-East and the SF 99-West alternatives elevated guideway structures and SF 99-East station. The SF 99-West build alternative would be less prominent in this view compared to a taller station or parking garage of the SF 99-East alternative. Both surface parking and a parking garage are being considered for the SF 99-East alternative. The parking garage option would be more visually apparent, and therefore is the option depicted. Either parking option would include streetscape and on-site landscape, which would help screen changes to this view. Either build alternative would result in visual change to this view but would not result in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium).
- Unity = medium low (medium).
- Visual Quality = medium low (medium).

2.2.8 Observation Point 11, Looking Southeast from Enchanted Parkway S near S 356th Street

Existing View

As shown in Figure J2-14, the land near the intersection of S 356th Street and Enchanted Parkway S has commercial uses on the east and southeast and residential uses to the south of Enchanted Parkway. The SF I-5 Station site topography rises toward I-5. From this vantage, the car sales lots and buildings of the car dealership are not visible. Enchanted Parkway S is amply lined with maturing roadside street tree planting, landscaping, and areas of established conifer trees. This, combined with the roadway elements and commercial elements, gives the view of the area medium unity and intactness. Viewers include a range of local residents and commuting motorists and pedestrians.

SF I-5 Station

The simulated view from observation point 11, shown in Figure J2-14, depicts the SF I-5 Station area with the proposed parking foreground to the station. Both surface parking and a parking garage are being considered for this alternative. The parking garage option would be more visually apparent from this location than a surface parking option and, therefore, is the option depicted in the visual simulation. The visual changes for this alternative would not be considered a visual impact. Both parking options would include streetscape and on-site landscape, which would help screen changes to this view. The guideway would be visible crossing over Enchanted Parkway S just west of I-5.

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-11 Observation Point 8 – S 352nd Street and SR 99 Intersection (looking east)

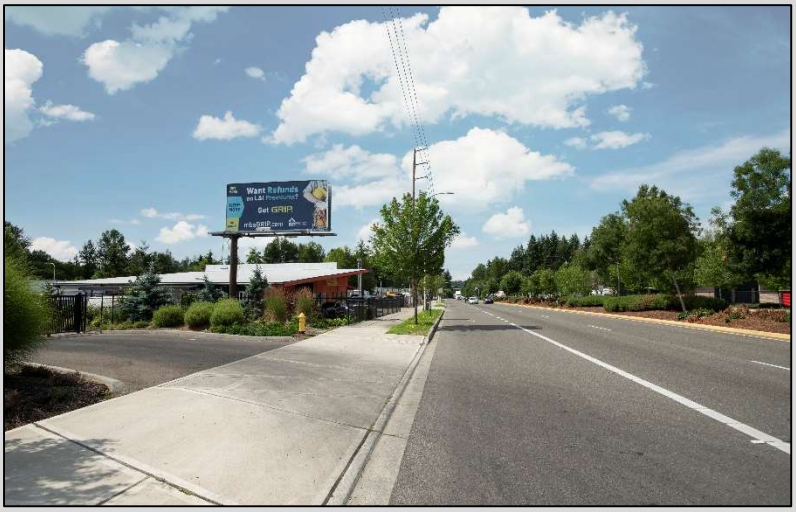

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-12 Observation Point 9 – SR 99 north of S 356th Street (looking southwest)

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-13 Observation Point 10 – Midblock S 356th Street (looking northwest)

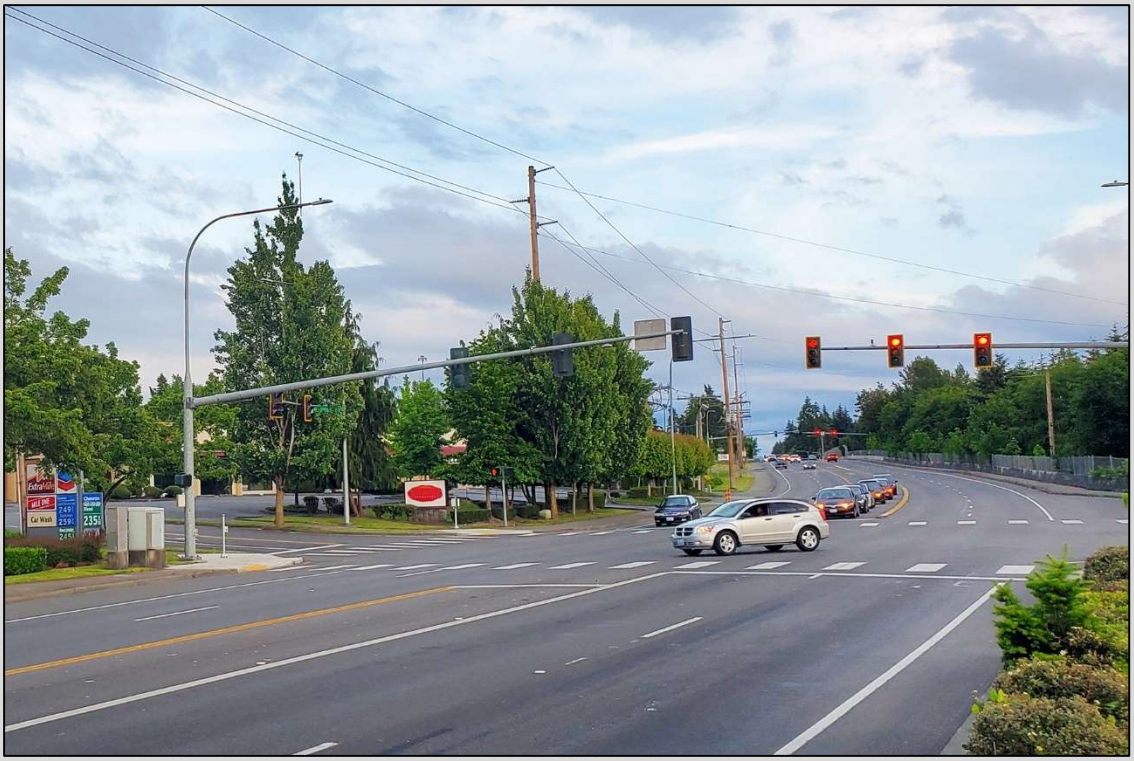

Existing view

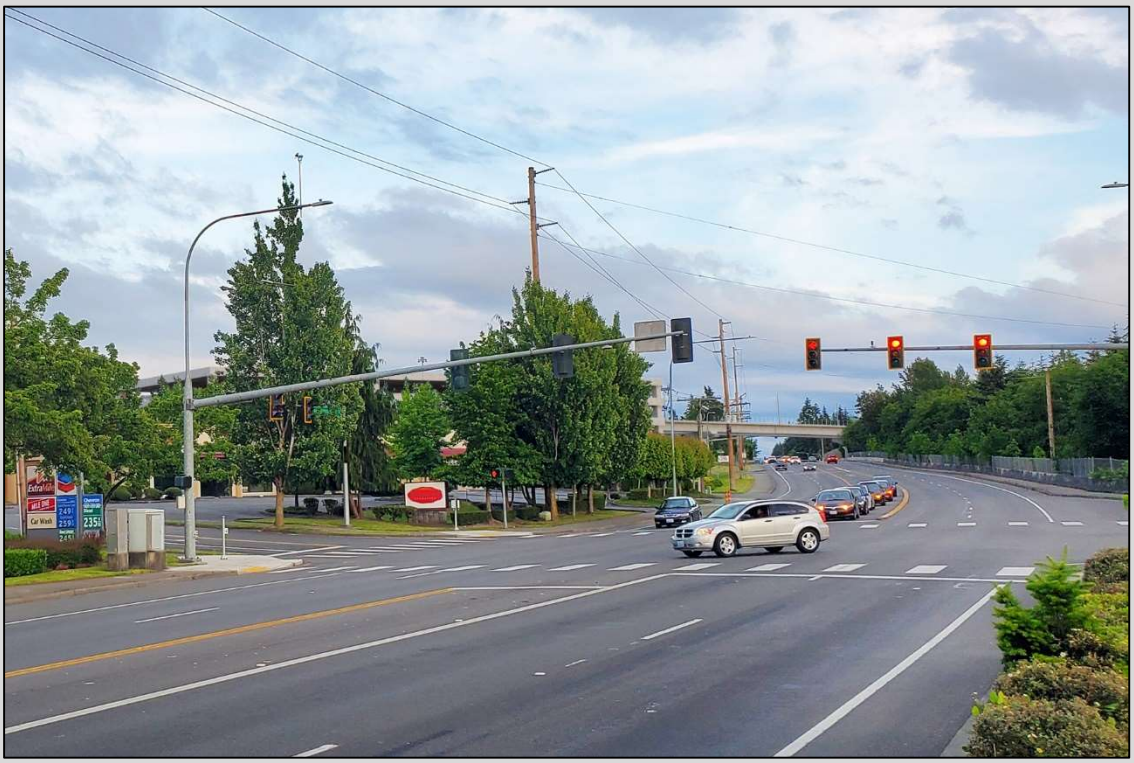

Simulation: SF I-5 Alternative

(Future WSDOT plans included constructing a roundabout at this location; however, that project was suspended in 2023.)

Figure J2-14 Observation Point 11 – Enchanted Parkway S and S 356th Street (looking southeast)

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium (medium).
- Unity = medium (medium).
- Visual Quality = medium (medium).

2.2.9 Observation Point 12, Looking Northbound SR 161/Corner Where I-5 Off-Ramp Intersects

Existing View

The existing view from observation point 12, shown in Figure J2-15, depicts the same subject area as observation point 11 but from a different angle. From this location, the view of the SF I-5 Station would be predominantly of the off-ramp and the vehicles of the car dealership sales lots, which mostly obscure the view of the dealership buildings behind. A tall solitary cell tower stands out in this view, with a backdrop of mature conifer trees behind. This background of trees is also seen to the northeast beyond I-5. While the background vegetation improves visual unity and intactness of the foreground, elements are dominant and create the overall lower visual quality for this view. Viewers include commuting motorists and pedestrians.

SF I-5 Alternative

The simulated view from observation point 12, shown in Figure J2-15, depicts the SF I-5 Station Alternative with the proposed parking to the west of the elevated station and guideway. Both surface parking and a parking garage are being considered for this alternative. The parking garage option would be more visually apparent than the surface parking option, and therefore the garage option is shown in the visual simulation. Either parking option would include streetscape and on-site landscape, which would help screen changes to this view. The visual changes for this alternative would not be considered a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (low).
- Unity = medium low (medium low).
- Visual Quality = medium low (medium low).

2.2.10 Observation Point 13, Looking East from 16th Avenue S

Existing View

The existing view from observation point 13, shown in Figure J2-16, is adjacent to Todd Beamer High School and a residential area, where views of the I-5 corridor are mostly blocked by vegetation, nearby structures, and a perimeter fence. The view is as seen by students and school staff from the high school, who are considered sensitive viewers, as well as pedestrians. The land near the school is suburban or rural residential in use and gives the area medium visual intactness and unity. The visual quality of the view from observation point 13 is medium.

SF Enchanted Parkway Alternative and SF I-5 Alternative, with and without the SF Design Option

Figure J2-16 shows simulated views from observation point 13. Substantial vegetation that currently screens views of I-5 would be removed for all build alternatives, which would reduce visual intactness, resulting in visual impacts for some viewers. The elevated guideway and trains would be visible, would partly block view of vegetation in the background across I-5, and would be partially silhouetted against the sky as seen from this location. The SF I-5 Alternative would be more prominent because its elevated guideway profile is higher than the SF Enchanted Parkway Alternative.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium low).
- Intactness = medium (medium low).
- Unity = medium low (medium low).
- Visual Quality = medium (medium low).

2.2.11 Observation Point 14 – SR 99 at Spring Valley Montessori School (looking southwest)

Existing View

The existing view from observation point 14, shown in Figure J2-17, is adjacent to Spring Valley Montessori school and a rural residential area. Nearby views of the SR 99 corridor are mostly blocked by vegetation, except at the school campus, which has a mostly open view of the highway. The view looks southwest along the roadway and shows medium to high unity and intactness, with continuous mature vegetation on both sides. Viewers include lower sensitivity motorists, higher sensitivity sightseeing travelers, and students, who are considered to be high sensitivity viewers.

SF 99-East and SF 99-West Alternatives

Figure J2-17 shows simulated views from observation point 14. Substantial vegetation that currently screens views of SR 99 would be removed for either build alternatives east or west of the roadway, which would impact visual intactness. The elevated guideway and trains for both SF 99 alternatives would be visible from the school campus.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium low).
- Intactness = medium high (medium for the SF 99-East Alternative, medium low for the SF 99-West Alternative).
- Unity = medium high (medium).
- Visual Quality = medium high (medium for the SF 99-East Alternative, medium low for the SF 99-West Alternative).

Existing view

Simulation: SF I-5 Station

Figure J2-15 Observation Point 12 – SR 161/Corner Where I-5 Off-Ramp Intersects (looking north)

Existing view

Simulation: SF Enchanted Parkway Alternative

Simulation: SF I-5 Alternative

Figure J2-16 Observation Point 13 – 16th Avenue S near Todd Beamer High School (looking southeast)

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-17 Observation Point 14 – SR 99 at Montessori Academy at Spring Valley (looking southwest)

2.2.12 Observation Point 15 – SR 99 at Gethsemane Cemetery (looking north)

Existing View

The existing view from observation point 15, shown in Figure J2-18, is taken from the driveway entry of the cemetery and a rural area. The view looks north along the roadway and shows medium to high unity and intactness, with a view of continuous mature forest lining the highway and horizon. Viewers include lower sensitivity motorists, higher sensitivity sightseeing travelers, and cemetery visitors, who are also considered to be higher sensitivity viewers.

SF 99-East and SF 99-West Alternatives

Figure J2-18 shows simulated views from observation point 15. The elevated guideway and trains for both SF 99 alternatives would be visible from the cemetery. The SF 99-East Alternative would be closer, directly adjacent the cemetery, but would not remove the existing trees and hedges that currently screen views of the roadway from the cemetery. The SR 99-West Alternative would be less prominent, located across the highway from the cemetery, and existing vegetation would more effectively screen views of the guideway structure and trains from the cemetery.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium low).
- Intactness = medium high (medium).
- Unity = medium high (medium).
- Visual Quality = medium high (medium).

2.2.13 Observation Point 16 – SR 99 at Spring Valley Mobile Park (looking south)

Existing View

The existing view from observation point 16, shown in Figure J2-19, is taken from north of the driveway entry of the mobile home park. The view looks south along the roadway and shows medium to low unity and intactness, with views of businesses across the highway to the east and forested vegetation beyond on the west side. Viewers include lower sensitivity motorists, higher sensitivity sightseeing travelers, and high sensitivity residential viewers at the mobile home park.

SF 99-East and SF 99-West Alternatives

Figure J2-19 shows simulated views from observation point 16. The elevated guideway and trains for both SF 99 alternatives would be visible from the mobile home residences. The SF 99-West alternative would be closer directly adjacent the mobile home park and would remove existing trees closest to the west side of highway to the south. The SR 99-East Alternative would be slightly less visually prominent located in a central median of the highway farther from the mobile home park.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium low).
- Intactness = medium low (low).
- Unity = medium low (low).
- Visual Quality = medium low (low).

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-18 Observation Point 15 – SR 99 at Gethsemane Cemetery (looking north)

Existing view

Simulation: SF 99-West Alternative

Simulation: SF 99-East Alternative

Figure J2-19 Observation Point 16 – SR 99 at Spring Valley Mobile Park (looking south)

2.2.14 Observation Point 17, Looking Southwest from I-5

Existing View

The existing view from observation point 17, shown in Figure J2-20, represents the view for motorists traveling on I-5. The interstate has relatively continuous vegetation lining the roadsides in this area, which provides a level of intactness and unity to views in this area. The view also shows relatively open sightlines to the video billboards in the distance.

SF Enchanted Parkway and SF I-5 alternatives

Figure J2-20 shows the simulated view. Observation point 17 represents the view for motorists traveling on I-5. Visual intactness would be reduced somewhat, with the guideway blocking views of vegetation that would remain west of the guideway.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium (medium low).
- Unity = medium (medium).
- Visual Quality = medium (medium low).

2.2.15 Observation Point 18 – SR 99 at Porter Way Intersection (looking northwest)

Existing View

The existing view, shown in Figure J2-21, is taken from the southwest corner of SR 99 and Porter Way and looks northwest across the intersection, showing a view with medium to low visual unity and intactness. A trucking facility with storage is in the foreground and other businesses and advertising billboards are in view. Forest vegetation is visible on the west side of SR 99 and beyond in the distance. Viewers include lower sensitivity motorists and higher sensitivity sightseeing travelers.

SF 99-East and SF 99-West Alternatives and with the Porter Way Option

Figure J2-21 shows simulated views of the elevated guideway structure and trains for both SF 99 alternatives, which are located along the same alignment, transitioning from SR 99 to the east side of I-5. The SF 99 alternatives would be closer and more prominent in this view than the alternatives with the Porter Way Design Option, which positions the alignment further to the east and would not be as apparent in this view.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = medium low (medium low).
- Visual Quality = medium low (medium low).

Existing view

Simulation: SF Enchanted Parkway and SF I-5 alternatives

Figure J2-20 Observation Point 17 – I-5 (looking southwest)

Existing view

Simulation: SF 99-West and SF 99-East Alternatives

Simulation: SF 99-West and SF 99-East with Porter Way Option

Figure J2-21 Observation Point 18 – Porter Way and SR 99 Intersection (looking northeast)

2.2.16 Observation Point 19 – From Backyard of a Home at the South End of 69th Avenue E Looking Southeast

Existing View

Observation point 19, the view shown in Figure J2-22, is adjacent to a number of residences with sensitive viewers within a subdivision on 69th Avenue E. The southeast-facing backyards of the subdivision sit 40 to 50 feet above Pacific Highway, with 50 to 70 feet of horizontal distance from road shoulder edge to backyard fences. A rockery retaining wall, some lower native deciduous trees, and overhead wires are in the foreground between the houses and the road. Beyond Pacific Highway, a mix of mature deciduous trees and residential landscape trees and more distant mature conifers blend to give a medium degree of visual unity to the view. On clear days, Mount Rainier is visible from this observation point and provides distinct vividness to the view.

Alternative (All Alternatives in the South Federal Way Segment)

Figure J2-22 shows simulated views from this observation point. All alternatives in the Fife Segment would be located between the residential properties and Pacific Highway. The elevated guideway and passing trains would be apparent in this view, reducing visual unity and intactness from medium to low. Weather permitting, Mount Rainier would continue to be partially visible over the guideway, but passing trains would block it from view, reducing vividness.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium high (medium).
- Intactness = medium (low).
- Unity = medium (low).
- Visual Quality = medium (low).

Existing view

Simulation: Alternative (All alternatives in the Fife Segment)

Figure J2-22 Observation Point 19 – Backyard of a Home on 69th Avenue E (looking southeast)

2.3 Fife Segment

Observation points 20 through 30 in the Fife Segment, which include Landscape Units 5 and 6, were chosen to assist in evaluating the impacts of the Fife I-5, Fife Median, and Fife Pacific Highway alternatives, as well as the proposed station locations. These observation points and simulations are shown in Figures J2-23 to J2-34.

2.3.1 Observation Point 20, Looking North on 62nd Avenue E South of Church Entrance Sign

Existing View

Figure J2-24 shows the existing view from observation point 20 and represents impacts on street views and visitors of the St. Paul Chong Hasang Church who access the main entrance to the church property from 62nd Avenue E. 62nd Avenue E has sidewalk improvements on the west side of the street, with a combination of ornamental landscaping on the church property and roadside vegetation apparent in this view looking north. A warehouse-type building is prominent in the view farther north on 62nd Avenue E. Beyond 12th Street E, the vegetation of Fife Heights forms the backdrop of this view. The mix of built elements in this view provides a lower level of intactness, and vegetation contributes to visual unity. Overall, the visual quality is medium at this location.

Alternative (All Alternatives in the Fife Segment)

Figure J2-24 shows simulated views from observation point 20. All alternatives in the Fife Segment would be intrusive in this view, as the elevated guideway crosses over the street and continues west. Whereas the guideway would contribute some vividness with its strong presence, this would not serve to improve the visual unity or intactness for this view. Some distant views of background vegetation may still be visible under the guideway.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium).
- Intactness = medium low (medium low).
- Unity = medium (medium low).
- Visual Quality = medium (medium low).

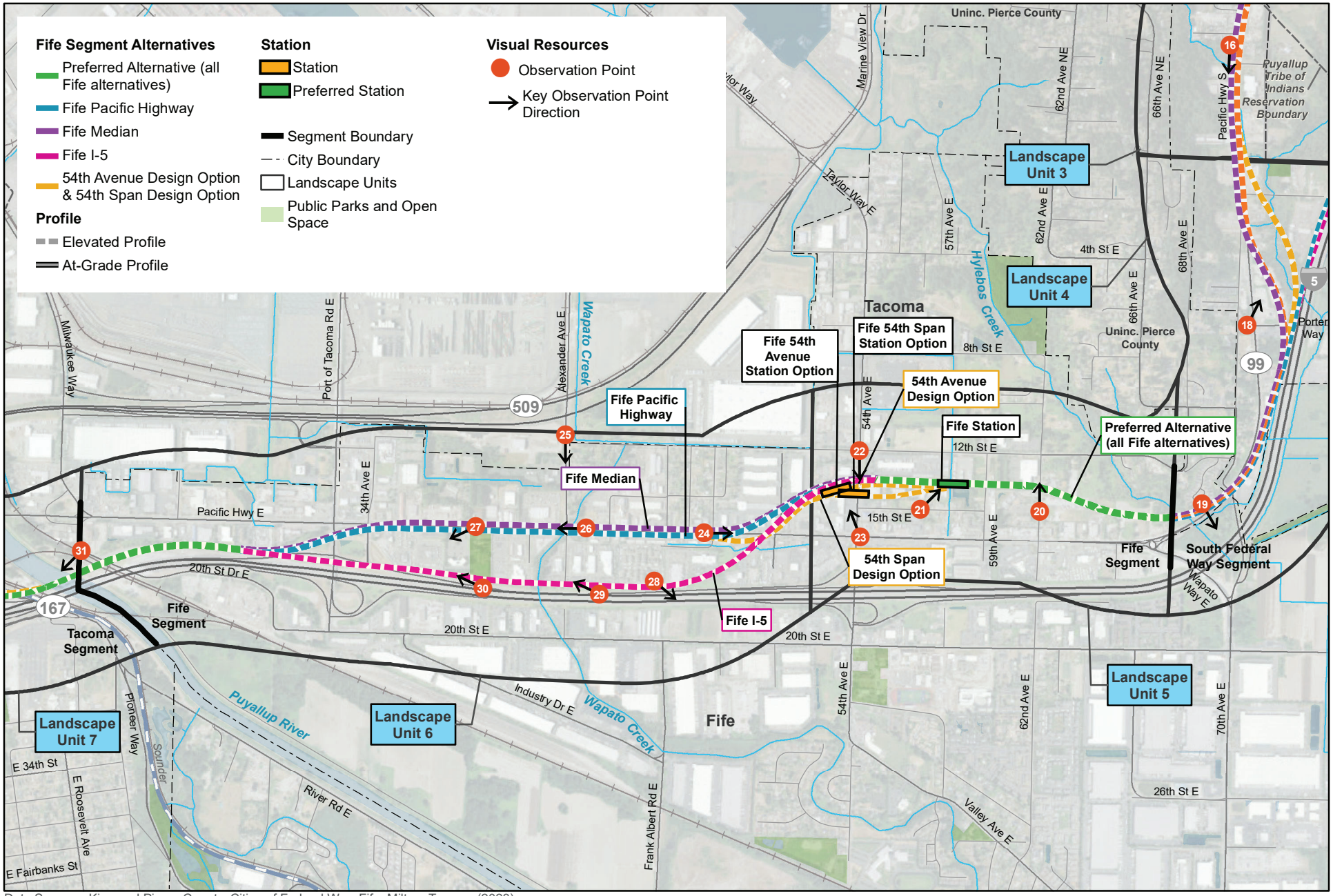

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE J2-23
Landscape Units and Observation Points
Fife Segment

Tacoma Dome Link Extension

Existing view

Simulation: Alternative (All alternatives in the Fife Segment)

Figure J2-24 Observation Point 20 – 62nd Avenue E South of Entrance to Church (looking north)

2.3.2 Observation Point 21, Looking Northeast at Fife Station from 15th Street E

Existing View

Figure J2-25 shows the existing view from observation point 21 and represents the changes that would result from station and guideways on local residential views. The view from 15th Street E toward the Fife Station location and beyond is currently unremarkable, and vividness is medium. The view includes a residence in the foreground, the roof of a low commercial building in the distant background, and a vegetated horizon, which together produce a low level of intactness. Trees on the residential property combined with views of the distant horizon and open sky contribute to a medium degree of unity. The visual quality of this view is medium.

Alternative (All Alternatives in the Fife Segment)

Figure J2-25 shows simulated views from observation point 21. The elevated Fife Station and guideway would be prominent in this view, as it would be aligned parallel to 15th Street E relatively close at about 300 feet away. The guideway would contribute some vividness but would not serve to improve the reduction in visual unity, as it would block distant views of the horizon and be partially seen silhouetted against the sky for this view. The 54th Span Design Option would locate the alignment closer to residential viewers on 15th Street E, so it would be close to houses and visually dominate in the foreground of views north. Visual changes for all the alternatives would result in visual impacts at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium).
- Intactness = medium low (low).
- Unity = medium (low).
- Visual Quality = medium (medium low).

2.3.3 Observation Point 22, 54th Avenue E and 12th Street E Intersection (looking south)

Existing View

The view from observation point 22 south along 54th Avenue E toward Pacific Highway, as shown in Figure J2-26, is unremarkable and vividness is low. The view includes 54th Avenue E, parking areas, adjacent commercial buildings, utility poles and lines, and some landscaped areas fronting businesses, which together produce a lower intactness rating. Trees that can be seen along 54th Avenue E, a pocket view of the distant horizon, and a relatively open view of the sky contribute to a medium degree of unity. The visual quality of the view from observation point 22 is medium low for drivers, pedestrians, and visitors to businesses near this location.

All Alternatives and Design Options in the Fife Segment

Figure J2-26 shows the simulated view from observation point 22. The elevated guideway and/or Fife Station options would be prominent in this view because the elevated guideway would cross over the street and a station would be in view for the design options. The Fife 54th Span Station Option would impact this view the most, with the station positioned directly over 54th Avenue E. A portion of the east end of the station would also be visible with the Fife 54th Avenue Station Option. Although the alternatives and design options would contribute some vividness in this view, they would not serve to improve the reduction in visual unity because they would block distant

views of the horizon and be seen partially silhouetted against the sky for motorists and pedestrians looking south. A visual impact would not result from the build alternatives at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium).
- Intactness = medium low (medium low).
- Unity = medium (medium low).
- Visual Quality = medium (medium low).

2.3.4 Observation Point 23, Looking Northwest at Corner of 54th Avenue E and Pacific Highway E

Existing View

The view from observation point 23 northwest across the 54th Avenue E and Pacific Highway intersection, as shown in Figure J2-27, is visually busy with low unity, intactness, and vividness. The view includes the large expanse of intersection pavement, parking areas, and adjacent restaurant, gas station, commercial buildings, as well as utility poles and lines, with some trees visible in background areas behind businesses. The visual quality of the view from observation point 23 is medium low for drivers, pedestrians, and visitors to businesses near this location.

All Alternatives and Design Options in the Fife Segment

Figure J2-27 shows the simulated views from this observation point. The elevated guideway and or Fife station options would be visible but not prominent in this visually cluttered view. The Fife 54th Span Station Option would be most apparent, with a larger profile visible over 54th Avenue E. A portion of the east end of the station would also be visible with the Fife 54th Avenue Station Option over the roadway and behind businesses west of 54th Avenue E. Although all the alternatives and design options would be visible in this view and would obscure more distant views, there would be little reduction or improvement to visual quality as seen from this location and no impact to visual quality.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = low (low).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

Existing view

Simulation: Alternative (All alternatives in the Fife Segment with Fife Station)

Figure J2-25 Observation Point 21 – E 15th Street (looking northeast)

Existing view

Simulation: All alternatives in the Fife Segment with the preferred Fife Station

Figure J2-26 Observation Point 22 – 54th Avenue E and E 12th Street (looking south)

Existing view

Simulation: 54th Avenue Design Option

Simulation: 54th Span Design Option

Figure J2-27 Observation Point 23 – Pacific Highway E and 54th Avenue E Intersection (looking northwest)

2.3.5 Observation Point 24, Looking East on Pacific Highway E, East of 47th Avenue E

Existing View

Figure J2-28 shows the existing view from observation point 24. This view is intended to show the difference in impact of the Fife Pacific Highway and Fife Median alternatives where they join the Pacific Highway corridor. The view from this observation point along the Pacific Highway corridor is seen by customers of local businesses and pedestrians and motorists looking east toward the intersection of Willows Road E. The view along Pacific Highway and beyond is unremarkable and vividness is medium low. The view includes Pacific Highway E, parking areas, adjacent commercial buildings, and street and traffic lights. Streetscape landscaping can be seen farther to the east of the intersection but is less visible in the foreground where the road is widened for turn lanes. The distant horizon is visible, and the sky is relatively open, without intruding overhead utility lines or poles, contributing to a medium low degree of unity. The level of visual intactness and overall visual quality of the view from observation point 24 is medium low.

Fife Pacific Highway and Fife Median Alternatives

Figure J2-28 shows the simulated view from observation point 24. This view gives the opportunity to gauge the relative impacts for the Fife Pacific Highway and Fife Median alternatives on the character of Pacific Highway. The elevated guideway for both the Fife Pacific Highway Alternative, which would build the guideway on the south side of the roadway, or the Fife Pacific Highway Median Alternative, which would place the guideway in the center of the roadway, would be visually intrusive and overhead or almost overhead in this view, but there would not be a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = medium low (medium low).
- Visual Quality = medium low (medium low).

2.3.6 Observation Point 25, Alexander Avenue E and 12th Street E Intersection (looking south)

Existing View

The view from observation point 25 looks south along Alexander Avenue E toward Pacific Highway, as shown in Figure J2-29. The view includes the wide roadway, adjacent residential and commercial buildings, utility poles and lines, and some landscaped areas fronting homes and businesses, which together produce a medium low intactness and vividness rating. Trees can be seen along the roadway, and a relatively open view of the sky contribute to a medium degree of unity. The visual quality of the view from observation point 25 is medium low for drivers, pedestrians, residents, and visitors to businesses.

All Alternatives and Design Options in the Fife Segment

Figure J2-29 shows the simulated view from observation point 25. The elevated guideway build alternatives would be a good distance away and not prominent in this view, and thus would not change the visual quality substantially as seen from this location. A visual impact would not result from the build alternatives at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = medium (medium).
- Visual Quality = medium low (medium low).

Existing view

Simulation: Fife Pacific Highway Alternative

Simulation: Fife Median Alternative

Figure J2-28 Observation Point 24 – Pacific Highway E near 47th Avenue E (looking east)

Existing view

Simulation: Fife Pacific Highway Alternative

Simulation: Fife Median Alternative

Figure J2-29 Observation Point 25 – Alexander Avenue E and 12th Street E Intersection (looking south)

2.3.7 Observation Point 26, Looking West on Pacific Highway E toward Alexander Avenue E

Existing View

Figure J2-30 shows the existing view from observation point 26. Observation point 26 along Pacific Highway in the Fife Segment is seen by motorists and customers of local businesses and pedestrians looking west toward Alexander Avenue E. On the south side of the roadway, Pick-Quick Drive In is seen and adds an element of vividness, but otherwise the view along Pacific Highway and beyond is unremarkable. The view includes Pacific Highway E, parking areas and adjacent commercial buildings, and utility poles and lines. Some natural area vegetation and mature landscape trees can be seen in the middle-ground view, and background vegetation continues in the distance, blending with a pocket view of the green horizon in the distance. The level of visual intactness and overall visual quality of the view from observation point 26 are medium low.

Fife Pacific Highway and Fife Median Alternatives

Figure J2-30 shows the simulated view from observation point 26. As with observation point 24, the elevated guideway for the Fife Pacific Highway and the Fife Median alternatives would be intrusive and nearly overhead in this view, with either option largely silhouetted against the sky. Views under the guideway of local businesses and signs would be possible from most locations when observed from an angle but, looking west down the line of the guideway columns, the views underneath would be mostly blocked. The visual changes would not result in a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = low (low).
- Visual Quality = medium low (medium low).

2.3.8 Observation Point 27, Looking West on Pacific Highway E Near 40th Avenue E

Existing View

As with observation points 24 and 26, this view was selected to show the impact of the guideway in the Pacific Highway corridor. The view from observation point 27 along the Pacific Highway corridor, as seen in Figure J2-31, is seen by motorists and customers of local businesses and pedestrians. The view includes Pacific Highway E, parking areas, bus transit stop shelter, adjacent commercial buildings, utility poles and lines, and ornamental street lighting and traffic lights at the intersection. Maturing street tree plantings are prominent in this view, with a filtered view of the green horizon visible in the distance. Puyallup Tribal Integrative Medicine can be seen on the south side of the roadway at the intersection. The level of visual intactness and overall visual quality of the view from observation point 27 are medium low.

Fife Pacific Highway and Fife Median Alternatives

The simulated view from observation point 27 can be seen in Figure J2-31. As with observation point 26, the elevated guideway for Fife Pacific Highway and Fife Median alternatives would be visually intrusive and nearly overhead in this view, with either option largely silhouetted against the sky. Views under the guideway of local businesses and signs would be possible from most locations when observed from an angle but, looking west down the line of the guideway columns, the views underneath would be mostly blocked.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium low).
- Intactness = medium low (medium low).
- Unity = low (low).
- Visual Quality = medium low (medium low).

2.3.9 Observation Point 28, Looking Southeast from the Chateau Rainier Apartment Complex

Existing View

The view from observation point 28, seen in Figure J2-32, shows the view from the second-story stair landing, which represents sensitive viewers of a residential apartment building located adjacent to I-5, looking south. Carports can be seen in front of I-5, and heavy traffic is apparent in the foreground. The fact that a photo freezes the movement of traffic gives a milder sense for the visual commotion that the traffic causes. Beyond I-5, a tall grass field is seen with commercial buildings behind and a distant horizon with a good view of Mount Rainier. The mountain view adds great vividness to this view. This contrasts with the foreground view of I-5 to give the view an overall low visual unity. The level of visual intactness of the view from observation point 28 is low.

Fife I-5 Alternative

Figure J2-32 shows the simulated view from observation point 28. The presence of the Fife I-5 Alternative in this view would be in the foreground and very apparent. Viewers would be able to see I-5 and traffic looking under the guideway and between the columns. The elevated guideway and passing trains would block views of Mount Rainier for some viewers, which would result in a visual impact for some residential viewers at this location.

Visual Quality Rating – Existing (with Build Alternative)

- Vividness = medium high (medium low).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = medium low (low).

2.3.10 Observation Point 29, Looking West on I-5 from Southbound Lanes

Existing View

The existing view from observation point 29 seen in Figure J2-33 shows I-5 in the foreground. Along the roadside are tall grasses with evergreen and deciduous trees and a right-of-way fence; car dealership signage, perimeter landscaping, car sales lot, and dealership building are in the background. Together, the combination of these visual elements produces a low level of intactness. Trees along the road combined with landscaping on the property contribute to a degree of unity. The dealership's presentation to the interstate provides a degree of vividness as seen by the traveling public from the interstate. The visual quality of the view from observation point 29 overall is low.

Fife I-5 Alternative

Figure J2-33 shows the simulated view from observation point 29. The Fife I-5 Alternative would be in the foreground and very apparent in this view. The apparent view of the elevated guideway along the interstate would add vividness to views in this area. Views under the guideway of local businesses and signs would be possible from most locations when observed from an angle, but looking west down the line of the guideway columns, the views underneath would be mostly blocked, and the guideway could block views of taller business signs but would not result in a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternative)

- Vividness = low (medium low).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

2.3.11 Observation Point 30, Looking West/Northwest on I-5 from Southbound Lanes Just before the Puyallup Tribal Integrative Medicine

Existing View

Observation point 30 is similar to observation point 29, but farther west along I-5. The view as experienced by the traveling public on I-5 from observation point 30, as seen in Figure J2-34, shows I-5 in the foreground with guardrail at the edge of the shoulder, a recessed open tall grass area between I-5 and the car dealership signage, and a car sales lot and dealership building in the background. Puyallup Tribal Integrative Medicine can be seen beyond the car dealership to the west. Palm trees accent the front of the dealership, and a mix of mature trees frame Puyallup Tribal Integrative Medicine. Overhead utility wires cross I-5 and the view in the distance in front of a distant horizon. Together the combination of these visual elements produces a low level of intactness and unity. The dealerships and Puyallup Tribal Integrative Medicine presentation to the interstate provides a degree of vividness as seen from the interstate. The visual quality of the view from observation point 30 overall is low.

Fife I-5 Alternative

Figure J2-34 shows the simulated view from observation point 30. The presence of the Fife I-5 Alternative in this view would be in the foreground and very apparent. The apparent view of the elevated guideway along I-5 would add vividness to views in this area. Views under the guideway of local businesses and signs would be possible from most locations when observed from an angle, but looking west down the line of the guideway columns, the views underneath would be mostly blocked, and the guideway could block views of taller business signs but would not result in a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternative)

- Vividness = low (medium low).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

Existing view

Simulation: Fife Pacific Highway Alternative

Simulation: Fife Median Alternative

Figure J2-30 Observation Point 26 – Pacific Highway East of Alexander Avenue E (looking west)

Existing view

Simulation: Fife Pacific Highway Alternative

Simulation: Fife Median Alternative

Figure J2-31 Observation Point 27 – Pacific Highway E at 40th Avenue E (looking west)

Existing view

Simulation: Fife I-5 Alternative

Figure J2-32 Observation Point 28 – Chateau Rainier Apartments (looking southeast)

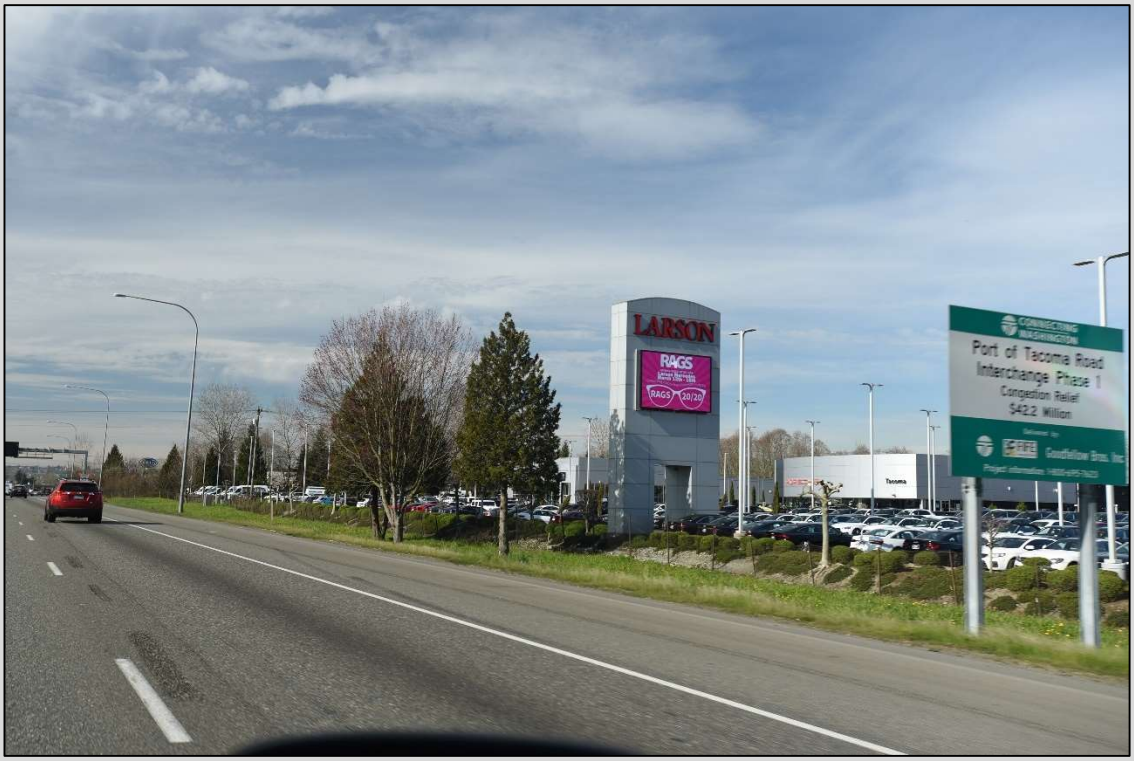

Existing view

Simulation: Fife I-5 Alternative

Figure J2-33 Observation Point 29 – I-5 (looking northwest)

Existing view

Simulation: Fife I-5 Alternative

Figure J2-34 Observation Point 30 – I-5 (looking northwest)

2.4 Tacoma Segment

Observation points 31 through 42 in the Tacoma Segment include Landscape Units 7 and 8 and were chosen to assist in evaluating the impacts of build alternatives and station locations. These observation points and simulations are shown in Figures J2-35 to J2-43.

2.4.1 Observation Point 31, Looking West/Southwest toward I-5 and New Light Rail Bridge Crossing

Existing View

The view from observation point 31, as seen in Figure J2-36, shows a roadway to riverfront areas passing under a railroad bridge. The existing southbound I-5 bridge structure is seen to the southwest, and tall cottonwood trees are seen behind a prominent billboard to the west. Viewers at this location are mostly drivers and visitors to local businesses. Together, the combination of these visual elements produces a low level of intactness and unity. The overall visual quality of the view from observation point 31 is low.

All Alternatives in the Tacoma Segment– Puyallup River Bridge

Figure J2-36 depicts the simulated view from observation point 31 and shows the visual change and impact of the long-span and pier-supported bridge options being analyzed for crossing the Puyallup River. Both bridge types would be located just north of WSDOT's new I-5 bridge. The long-span bridge would need to be higher to achieve spanning the river without a center support column. The pier-supported bridge would have piers in the river, which allows the profile elevation of the bridge to be lower. Both bridge types would partially be seen silhouetted against the sky – the long-span bridge (segmental box girder) more so. Other structure types that could potentially be considered for a long-span bridge over the Puyallup River could include a cable-stayed, extradosed, truss, or arch. Bridge type would be determined during final design based on various factors. These bridge types could be higher and have more visible elements such as cables that could be more prominent in the visual landscape.

The construction of guideway structures would contribute a degree of vividness to this view, which it currently lacks. No visual impact would result from changes that would be made in this view.

Visual Quality Rating – Existing (with Build Options)

- Vividness = low (medium).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

2.4.2 Observation Point 32, Looking Southeast from the Levee on the West Side of the Puyallup River

Existing View

For viewers on or near the Puyallup River the existing view from observation point 32, as seen in Figure J2-37, shows the view of the river from the levee, on the west side of the river, north of I-5. The slope down to the river is covered in tall grass and herbaceous plants. Looking across the expanse of flowing river, the I-5 bridge structures are seen to the southeast. Billboards, railroad structures, and other industrial area forms frame the river on either side. The overall visual quality of the view is medium because the levee and river have high visual unity, intactness, and vividness, whereas the surroundings are low in all these qualities.

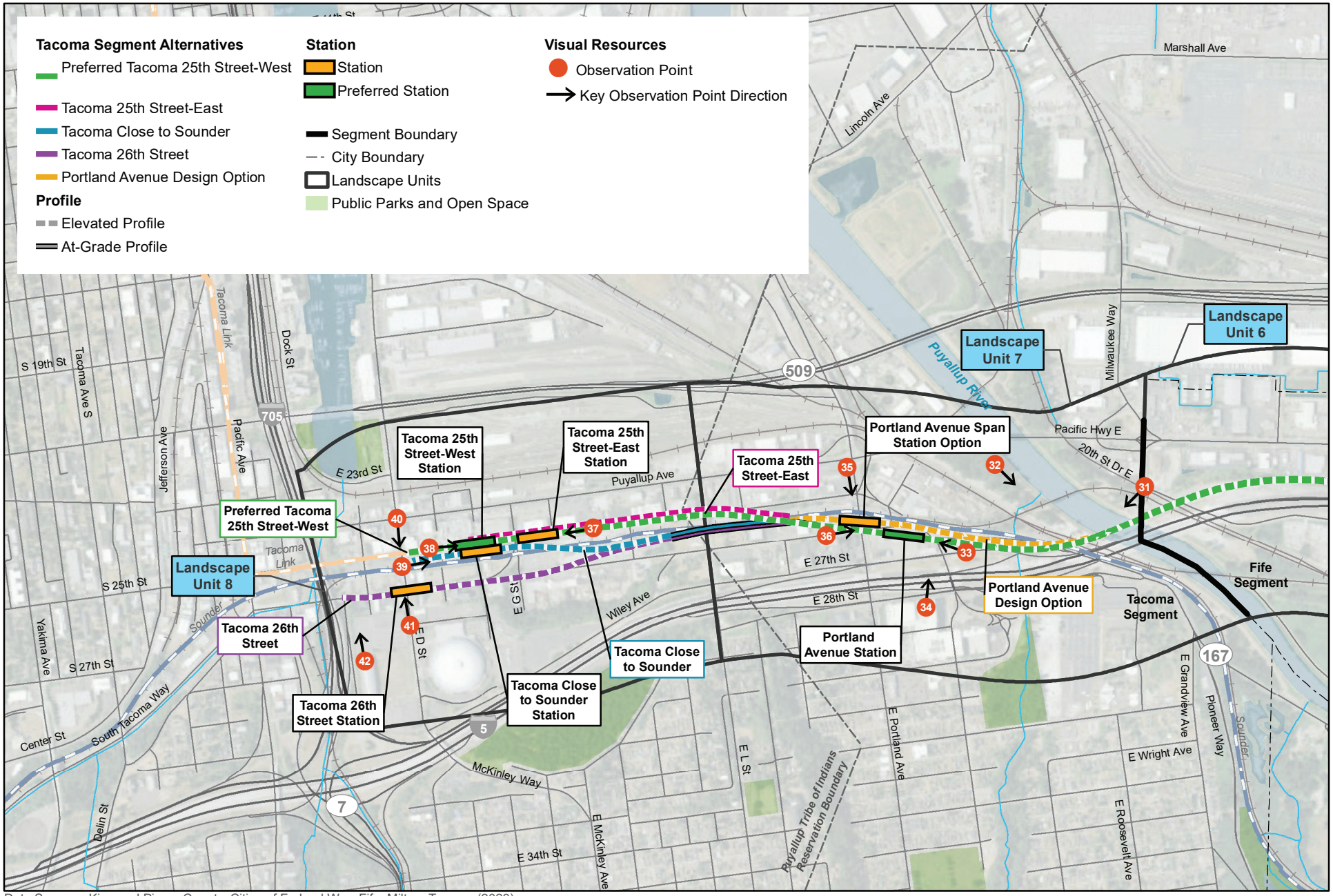

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J2-35
Landscape Units and Observation Points
Tacoma Segment

Tacoma Dome Link Extension

Existing view (I-5 bridge visible in view has been removed)

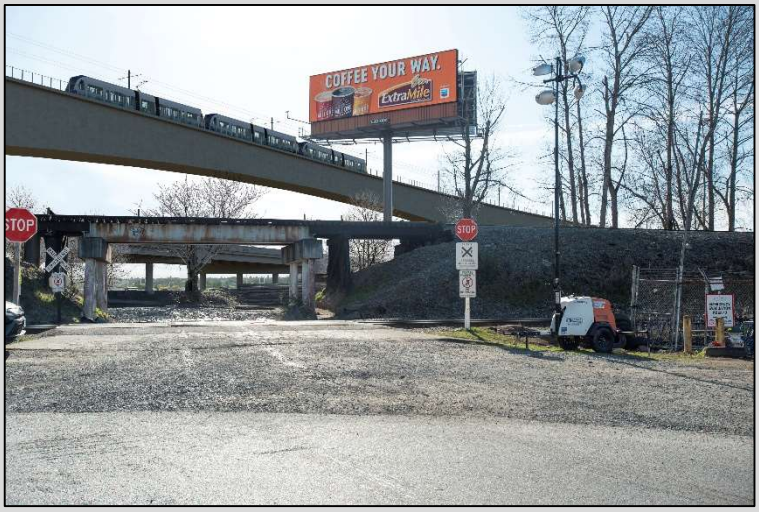

Simulation: Long-span bridge over the Puyallup River

Simulation: Pier-supported bridge over the Puyallup River

Figure J2-36 Observation Point 31 – 20th Street E (looking southwest)

Existing view

Simulation: Long-span bridge over the Puyallup River

Simulation: Pier-supported bridge over the Puyallup River

Figure J2-37 Observation Point 32 – Levee on West Side of Puyallup River (looking southeast)

All Alternatives in the Tacoma Segment– Puyallup River Bridge

The simulated views from observation point 32 depicted in Figure J2-37 show the visual change of the long-span and pier-supported bridge options being analyzed for crossing the Puyallup River. Both bridge types would be located just north of WSDOT's I-5 bridge. The pier-supported bridge would have piers in the river, which allows the profile elevation of the bridge to be lower. The long-span bridge (segmental box girder) would need to be higher to achieve spanning the river without a center support column. Remaining I-5 bridge structures would be visible under both the long-span and pier-supported bridge. Both bridge types would partially be seen silhouetted against the sky, with the long-span bridge more so. The bridge would result in a visual change and blockage of Mount Rainier that has the potential to impact views of the landscape that are important to the Tribal community. Other structure types that could potentially be considered for a long-span bridge over the Puyallup River could include a cable-stayed, extradosed, truss, or arch. Bridge type would be determined during final design based on various factors and in coordination with the Puyallup Tribe of Indians. These bridge types could be higher and have more visible elements such as cables that could be more prominent in the visual landscape and block views of Mount Rainier.

Visual Quality Rating – Existing (with Build Options)

- Vividness = medium (medium).
- Intactness = medium (medium).
- Unity = medium (medium).
- Visual Quality = medium (medium).

2.4.3 Observation Point 33, Looking Northwest on E 27th Street East of Bay Street

Existing View

The existing view from observation point 33 seen in Figure J2-38 is unremarkable and vividness is low. The view includes areas disturbed by I-5 construction activities on either side of the ramp, older buildings in the middle-ground distance, and a light standard billboard and traffic lights as seen by drivers exiting I-5. Altogether, those characteristics produce a low level of unity and intactness. The visual quality of the view from observation point 33 is low.

Portland Avenue Station and Portland Avenue Span Station Option

Figure J2-38 shows simulated views from observation point 33. The elevated guideway near Portland Avenue Station would be very apparent, passing almost overhead of this viewpoint. The guideway and both Portland Avenue Station and the Portland Avenue Span Station would add vividness to this view. Because the development would change much of the area in this view, changes to unity and intactness would depend on the character of the landscape restoration and built elements. The Portland Avenue Span Station would be more distant in this view, so the visual mass of the station would be less apparent than the Portland Avenue Station. When paired with the Tacoma Close to Sounder or the Tacoma 26th Street alternatives, the elevation of the Portland Avenue Span Station would be approximately 10 feet lower than if paired with other alternatives in the Tacoma Segment and 14 feet lower than any alternative paired with the Portland Avenue Station. This difference in elevation would reduce the visual prominence for some viewers but would not result in overall visual impacts in the station area.

An optional Portland Avenue bike and pedestrian bridge is also being considered to connect the station to the neighborhoods and Puyallup Tribe of Indians facilities on the south side of I-5. Overall, viewer sensitivity is low in this area. The build alternatives would result in a low change to visual quality, while for all alternatives, the addition of the distinctive visual patterns of the elevated guideway structure in this area could improve visual quality.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = low (medium).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

2.4.4 Observation Point 34, From Balcony of Emerald Queen Casino (looking north)

Existing View

The existing view from observation point 34 seen in Figure J2-39 is an elevated view looking over I-5 in the foreground to businesses, bridges, billboards, and elevated roadway structures. Cranes at the Port of Tacoma, a tree-lined horizon and some views of the Olympic mountains are visible on a clear day in the distance. Altogether, those characteristics produce a low level of unity and intactness. The visual quality of the view from observation point 34 is medium low.

Portland Avenue Station and Portland Avenue Span Station Option

Figure J2-39 shows simulated views from observation point 34. All the alternatives and design options would have similar and minimal visual quality impact to this view. The station and elevated guideway would appear small compared to the massive expanse of I-5 in the foreground, and the far distant existing view of the horizon and mountains would continue to be visible. The guideway and both Portland Avenue Station and the Portland Avenue Span Station would add some vividness and unity to this view. Visual changes in this view would not result in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium low (medium).
- Intactness = medium low (medium low).
- Unity = low (medium low).
- Visual Quality = medium low (medium low).

Existing view

Simulation: Portland Avenue Station

Simulation: Portland Avenue Station and optional bike and pedestrian bridge

Figure J2-38 Observation Point 33 – E 27th Street east of E Bay Street (looking northwest) (Sheet 1 of 2)

Simulation: Portland Avenue Span Station Option

Simulation: Portland Avenue Span Station Option and optional bike and pedestrian bridge

Figure J2-38 Observation Point 33 – E 27th Street east of E Bay Street (looking northwest) (Sheet 2 of 2)

Existing view

Simulation: All Tacoma Alternatives with Portland Avenue Station

Simulation: All Tacoma Alternatives with Portland Avenue Span Station Option

Figure J2-39 Observation Point 34 – From Balcony of Emerald Queen Casino (looking north)

2.4.5 Observation Point 35, Looking South on E Portland Avenue from Puyallup Avenue

Existing View

The existing view from observation point 35 seen in Figure J2-40 shows E Portland Avenue in the foreground, with low buildings and the taller La Quinta hotel to the west as seen by drivers and pedestrians. The railroad track bridge overcrossing obscures all but the top of the I-5 overpass, and much of the upper portions of the new Emerald Queen Casino building that is beyond I-5 and still under construction are visible. The upper part of Mount Rainier can also be seen in this view. Taken together, the visible elements in this view produce a low level of unity and intactness. The visual quality of the view from observation point 25 is low.

Portland Avenue Station and Portland Avenue Span Station Option

Figure J2-40 shows simulated views from observation point 35. The Portland Avenue Span Station would obscure the view of most elements currently visible from observation point 35 beyond the railroad bridge. Some of the Emerald Queen Casino would be visible with the Portland Avenue Station. Neither of the Portland Avenue stations would block the view of Mount Rainier that exists from this vantage. The Portland Avenue Station would be more distant in this view, so the visual mass of the station would be less apparent than that of the Portland Avenue Span Station. When paired with the Tacoma Close to Sounder or the Tacoma 26th Street alternatives, the elevation of the Portland Avenue Span Station would be approximately 10 feet lower than if paired with other alternatives in the Tacoma Segment and 14 feet lower than any alternative paired with the Portland Avenue Station. This difference in elevation would reduce the visual prominence for some viewers but would not substantially change the overall visual impacts in the station area.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = low (medium).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

2.4.6 Observation Point 36, Looking East on E 26th Street toward E Portland Avenue

Existing View

The view from observation point 36 looking east from E 26th Street, as seen in Figure J2-41, is framed by buildings, a supply warehouse on the north, overhead utility wires, and the La Quinta hotel on the south. Typical viewers from this location include drivers, pedestrians, and hotel guests. A retaining wall supporting the railroad tracks is visible in the distance, with stacks of transport containers and deciduous trees in the background. Taken together, the visible elements in this view produce a low level of unity and intactness. The visual quality of the view from observation point 36 is low.

Portland Avenue Station and Portland Avenue Span Station Option

Figure J2-41 shows simulated views from observation point 36. The elevated guideway surrounding both Portland Avenue Station and the Portland Avenue Span Station Option would be very apparent passing almost overhead at this viewpoint. The guideway and both stations,

but especially the Portland Avenue Span Station Option, would add vividness to this view. The Portland Avenue Span Station would be closer in this view, so the visual mass of the station would be more visually prominent than the Portland Avenue Station. When paired with the Tacoma Close to Sounder or the Tacoma 26th Street alternatives, the elevation of the Portland Avenue Span Station would be approximately 10 feet lower than if paired with other alternatives in the Tacoma Segment and 14 feet lower than any alternative paired with the Portland Avenue Station. This difference in elevation would reduce the visual prominence for some viewers but would not substantially change the overall visual quality and would have no visual quality impacts in the at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = low (medium).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (medium low).

2.4.7 Observation Point 37, Looking West on E 25th Street between East J Street and McKinley Avenue E

Existing View

The existing view from observation point 37 seen in Figure J2-42 shows the impact of alternative guideway alignments as seen by motorists on E 25th Street. Viewers from this location are mainly drivers, workers, and visitors to nearby businesses. The existing view is of the street without sidewalks or vegetation, with warehouse buildings framing the view on both sides and utility wires overhead on the north. One can see a pocket view west to the distant horizon along this street corridor. Altogether, the view is unremarkable. The visual quality of the view from observation point 37 is low.

Preferred Tacoma 25th Street-West and Tacoma 25th Street-East Alternatives

Figure J2-42 shows simulated views from observation point 37. The elevated guideway for both alternative alignments would be overhead of this viewpoint, and built elements of the station for the Tacoma 25th Street-East alternative would be apparent approximately 200 feet straight ahead. The view of guideway columns and station would dominate this view and would obstruct views of the sky. A more distant view of the street corridor would be obscured, resulting in a noticeable visual change but not a visual impact, given the lower sensitivity of viewers in this area.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = low (low).
- Intactness = low (low).
- Unity = low (low).
- Visual Quality = low (low).

Existing view

Simulation: Portland Avenue Station

Simulation: Portland Avenue Span Station Option

Figure J2-40 Observation Point 35 – E Portland Avenue at Puyallup Avenue (looking south)

Existing view

Simulation: Portland Avenue Station

Simulation: Portland Avenue Station with optional bike and pedestrian bridge

Figure J2-41 Observation Point 36 – 26th Avenue E (looking east) (Sheet 1 of 2)

Simulation: Portland Avenue Span Station Option

Simulation: Portland Avenue Span Station Option with optional bike and pedestrian bridge

Figure J2-41 Observation Point 36 – 26th Avenue E (looking east) (Sheet 2 of 2)

Existing view

Simulation: Tacoma 25th Street-West Alternative

Simulation: Tacoma 25th Street-East Alternative

Figure J2-42 Observation Point 37 – E 25th Street, West of East J Street (looking west)

2.4.8 Observation Point 38, Looking East on E 25th Street from T-Line Station

Existing View

The existing view from observation point 38 can be seen in Figure J2-43. This observation point was selected to depict the impact of the alternative alignments and station locations as seen by transit users, motorists, and visitors to nearby attractions. There is also a mixed-use residential development under construction on E 25th Street west of East E Street. The existing view is of E 25th Street, with shelter, overhead wires, and other transit facilities beyond framing the north side, and a set of rail tracks in cobble textured pavement over half the roadway and Freighthouse Square, with sidewalk and ornamental luminaries framing the eastern half of the view. Identifiable and desirable pedestrian streetscape character in the Freighthouse Square area on E 25th Street gives the view medium to high vividness. Overall, the visual quality of the view from observation point 38 is medium high.

Preferred Tacoma 25th Street-West, Tacoma 25th Street-East and Tacoma Close to Sounder Alternatives

Figure J2-43 shows simulated views from observation point 38. The elevated of the Preferred Tacoma 25th Street-West guideway would be overhead of this viewpoint and built elements of the station would be apparent approximately 200 feet straight ahead. The view of guideway columns and the station would dominate this view, would detract from unity and intactness in this view, and would obstruct views of the sky, resulting in a visual impact. There would be low visual change for the lower profile of the Tacoma 25th Street-East Alternative from this view because it is lower in profile and appears smaller in the distance. The Tacoma Close to Sounders Alternative would be visually apparent but would be similar in scale to the Freighthouse Square buildings, resulting in no visual impact.

Visual Quality Rating – Existing (with Preferred Tacoma 25th Street-West Alternative)

- Vividness = medium high (medium low).
- Intactness = medium (low).
- Unity = medium (medium low).
- Visual Quality = medium high (medium low).

Visual Quality Rating – Existing (25th Tacoma Street-East Alternative)

- Vividness = medium high (medium).
- Intactness = medium (medium low).
- Unity = medium (medium).
- Visual Quality = medium high (medium).

Visual Quality Rating – Existing (25th Tacoma Close to Sounder Alternative)

- Vividness = medium high (medium).
- Intactness = medium (medium low).
- Unity = medium (medium low).
- Visual Quality = medium high (medium).

Existing View

Simulation: Tacoma 25th Street-East Alternative

Simulation: Tacoma 25th Street-West Alternative

Simulation: Tacoma Close to Sounder Alternative
(optional pedestrian bridge to parking garage)

Figure J2-43 Observation Point 38 – E 25th Street from Link Station (looking east)

2.4.9 Observation Point 39, Looking East toward Sounder Station from East D Street

Existing View

The existing view from observation point 39 seen in Figure J2-44 looks east down the line of the Sounder commuter train tracks at the Tacoma Station. Freighthouse Square buildings, modern luminaires, the railroad crossing gate, and the train station shelter frame the north side of this view. Viewers include transit users, motorists, and visitors to Freighthouse Square and the Tacoma Dome. A retaining wall supporting station waiting area shelters with buildings behind elevated on rising terrain frame the south side of this view. The linearity of the rails and the surrounding elements give this view medium unity, intactness, and vividness.

Tacoma Close to Sounder Alternative

The simulated view from observation point 39 can be seen in Figure J2-44. The Tacoma Close to Sounder Alternative would be visible sitting above the current location of Freighthouse Square. The station alternative would be prominent, framing the north side of this view and replacing the buildings of Freighthouse Square with station structures and a taller guideway silhouetted against the sky.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium).
- Intactness = medium (medium low).
- Unity = medium (medium).
- Visual Quality = medium (medium).

2.4.10 Observation Point 40, Looking South on East D Street from Puyallup Avenue

Existing View

The existing view from observation point 40 seen in Figure J2-45 looks south up a sloping East D Street, with one- and two-story buildings framing the streetscape on both sides, The Freighthouse Square building is visible farther up the street on the east. Many overhead utility wires are visible crossing the roadway at various points along with utility poles and traffic lights. An apartment building is visible in the far distance on the horizon. The clutter of wires and poles detracts from visual unity and intactness, giving this view a low overall visual quality. Viewers include transit users, motorists, and visitors to Freighthouse Square and the Tacoma Dome.

Tacoma 25th Street-West, Tacoma Close to Sounder, and Tacoma 26th Street Alternatives

The simulated views from observation point 40 can be seen in Figure J2-45. The tail ends of the elevated guideways of the Tacoma 25th Street-West and Tacoma Close to Sounder alternatives would be visible on the east side of this view, where they would be located above E 25th Street or the current location of the Freighthouse Square building, respectively. The Tacoma 26th Street Alternative guideway would cross one block farther up the street. For the Tacoma 26th Street Alternative, viewers, including transit users, motorists, and visitors to nearby attractions, would still be able to see under the elevated guideway up the street. The proposed alternatives would not substantially change the quality of this view or opportunities for what can be seen by visitors to this area from this vantage and, therefore, would not be a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (medium).
- Intactness = medium (medium low).
- Unity = medium (medium low).
- Visual Quality = medium (medium low).

2.4.11 Observation Point 41, Looking North on East D Street from the E 27th Street Intersection

Existing View

The existing view from observation point 41 seen in Figure J2-46 looks down East D Street, which slopes down to the north, with one- and two-story buildings framing the streetscape on both sides. Streetscape plantings are visible on the east, and utility poles with over-street crossing wires are visible on the west side of the street. Viewers include transit users, motorists, and visitors to nearby attractions. Vivid elements are visible in the distance, including the downtown Tacoma skyline and the iconic cable stay bridge. The vivid distant views are balanced against the clutter of wires and poles in the foreground to give this view a medium overall visual quality.

Tacoma 26th Street Alternatives

The simulated views from observation point 41 can be seen in Figure J2-46. The Tacoma 25th Street-West and Tacoma Close to Sounder alternatives would not be visible looking north along East D Street as the tail tracks for these alternatives would terminate prior to crossing East D Street. With the Tacoma 26th Street Alternative, the elevated guideway would cross one block down the street from this view and would obstruct distant views of the downtown skyline and cable stay bridge. Viewers would be able to see under the elevated guideway down the street. The Tacoma 26th Street Alternative would reduce the vividness and intactness as seen in this view but would not be considered a visual impact at this location.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium (low).
- Intactness = medium (medium).
- Unity = low (low).
- Visual Quality = medium (low).

Existing view

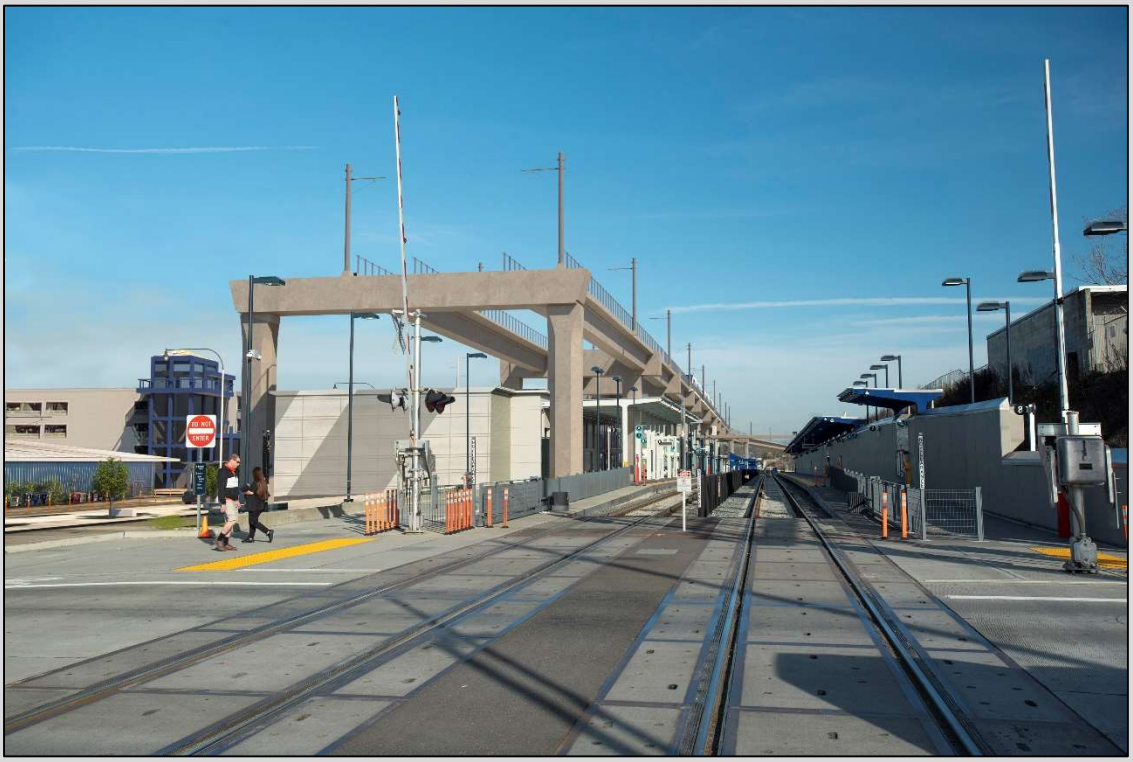

Simulation: Tacoma Close to Sounder Alternative

Figure J2-44 Observation Point 39 – Sounder Station from East D Street (looking east)

Existing view

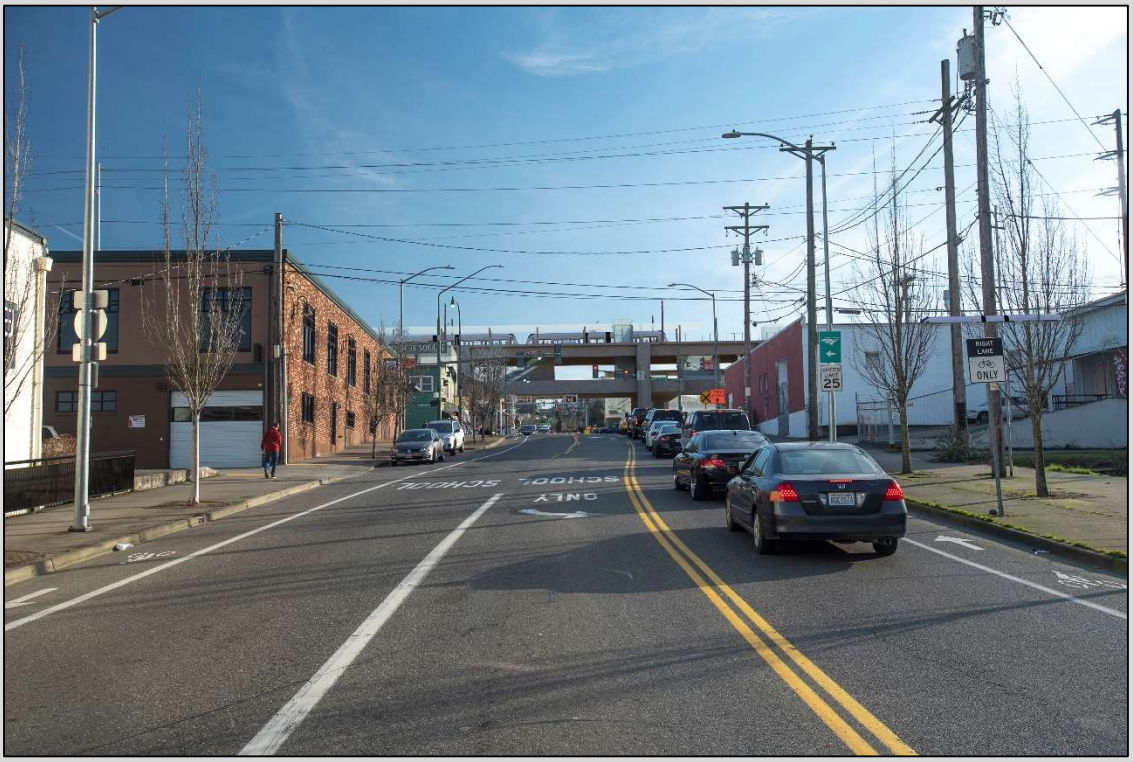

Simulation: Tacoma 26th Street Alternative (station mezzanine over roadway)

Figure J2-45 Observation Point 40 – East D Street from Puyallup Avenue (looking south)

Existing view

Simulation: Tacoma 26th Street Alternative (station mezzanine over roadway)

Figure J2-46 Observation Point 41 – East D Street from near E 27th Street (looking north)

2.4.12 Observation Point 42, Looking North from the LeMay Museum

Existing View

The existing view from observation point 42 seen in Figure J2-47 represents what visitors to the LeMay Museum see looking north to an elevated and sweeping view of the Tacoma downtown skyline on the west; Commencement Bay directly ahead, with the Puget Sound visible beyond; and the iconic looking cable stay bridge prominent in the view as well. This view from the museum's main floor balcony has many elements contributing to vividness and intactness.

Tacoma 26th Street Alternative

The simulated view from observation point 42 can be seen in Figure J2-47. The view of the elevated guideway of the Tacoma 26th Street Alternative would be at some distance from museum viewers across the parking lot, but would still be visually prominent, partially obstructing views of the downtown skyline, Thea Foss Waterway, Commencement Bay, and the cable-stayed bridge, resulting in a visual impact.

Visual Quality Rating – Existing (with Build Alternatives)

- Vividness = medium high (medium).
- Intactness = medium (medium low).
- Unity = medium (medium).
- Visual Quality = medium *(*medium low*).*

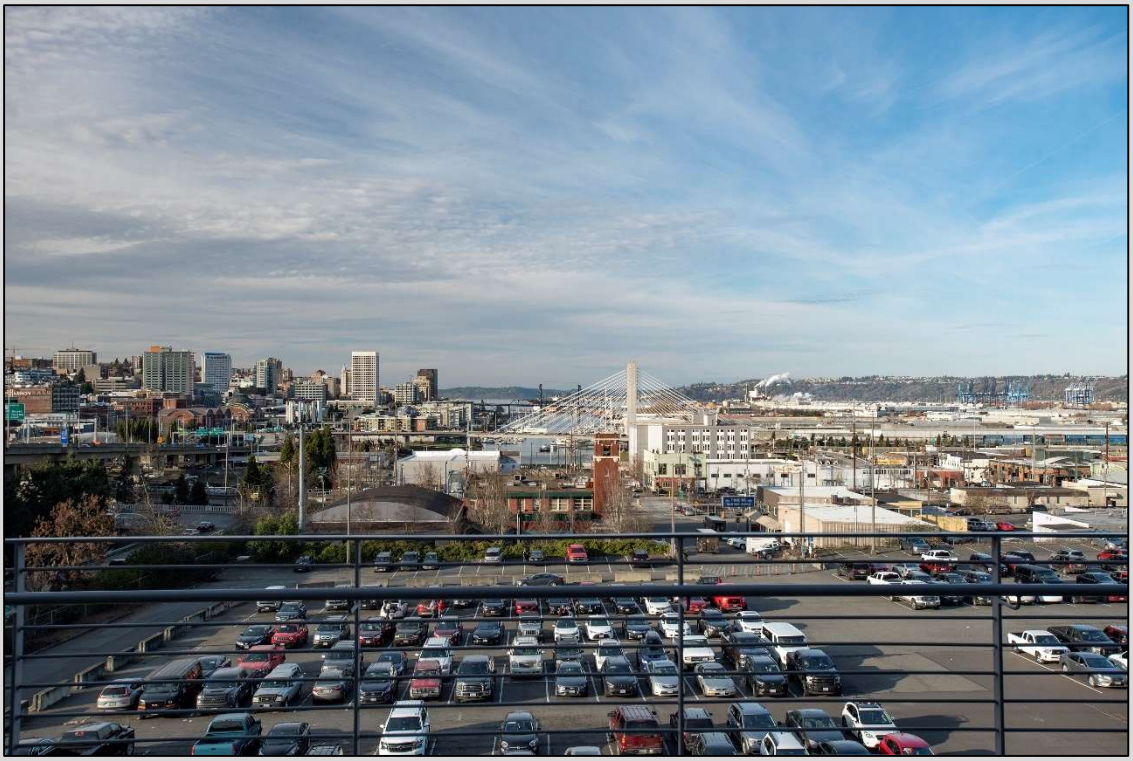

Existing view

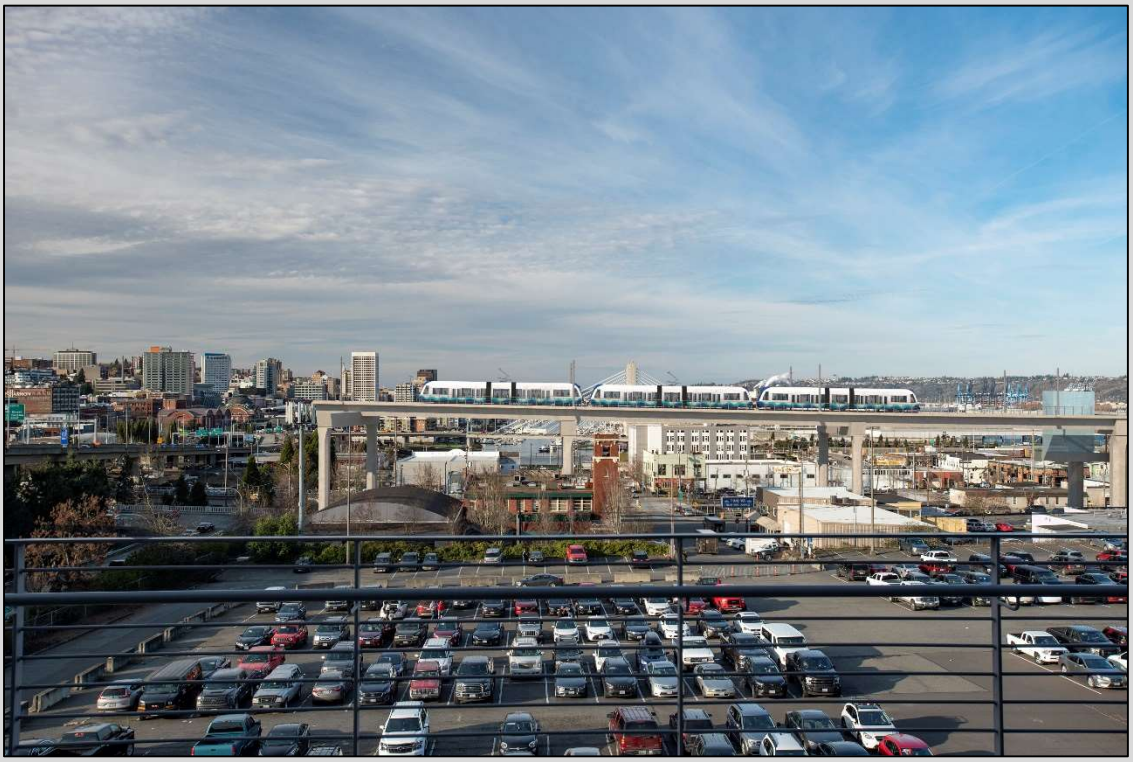

Simulation: Tacoma 26th Street Alternative

Figure J2-47 Observation Point 42 – LeMay Museum Balcony (looking north)

REFERENCES

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December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

NOISE AND VIBRATION TECHNICAL REPORT

Appendix J3

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Attachment E Detailed Noise Assessment Results
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Attachment G Traffic Noise Assessment (OMFS Phase III Highway Traffic Noise Study)

Acronyms and Abbreviations

ANSI	American National Standards Institute
Belmor	Belmor Mobile Home Park
CSA	Cross-Spectrum Acoustics
dB	decibel
dBA	A-weighted decibel
EDNA	Environmental Designation for Noise Abatement
FDL	force density level
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FWLE	Federal Way Link Extension
Hz	Hertz
I-5	Interstate 5
in/sec	inches per second
Ldn	day night sound level
Leq	equivalent sound level
Lmax	maximum noise level
Ln	sound level exceeded n-percent of the time
LRT	light rail transit
LRV	light rail vehicle
LSTM	line source transfer mobility
Lv	vibration level
M.O.S.	minimum operable segment
mph	miles per hour
NB	northbound
NEPA	National Environmental Policy Act
NIST	National Institute of Standards and Technology
OMF South	Operations and Maintenance Facility South
PPV	peak particle velocity
PSTM	point source transfer mobility
RCNM	Roadway Construction Noise Model
RMS	root mean square
SB	southbound
SF	South Federal Way

Sound Transit	Central Puget Sound Regional Transit Authority
TDLE	Tacoma Dome Link Extension
TM	transfer mobility
TPSS	traction power substation
U.F.	usage factor
VdB	vibration decibel
WAC	Washington Administrative Code

1 INTRODUCTION

This technical report contains the noise and vibration impact assessment for the Central Puget Sound Regional Transit Authority (Sound Transit) Tacoma Dome Link Extension (TDLE). The report includes the direct and indirect effects, from both operations and construction, along with a discussion of the cumulative noise and vibration impacts. The report follows Federal Transit Administration (FTA) and Sound Transit policies and guidance in evaluating impacts and potential mitigation measures (Sound Transit 2019). The FTA noise and vibration guidance has been adopted by Sound Transit in their environmental methodology to assess impacts from transit projects, regardless of the funding source. This technical report is intended to be a supplement to the noise and vibration section in the Draft Environmental Impact Statement (EIS).

The report includes a description of the existing noise and vibration conditions near the project alternatives, the noise and vibration assessment for sensitive receptors near the build alternatives, and mitigation options for impacts identified in the assessment.

The results of the noise and vibration impact assessment indicate that there would be noise impacts for all alternatives and vibration impacts for all alternatives Fife segments from operation of the project. Mitigation measures have been recommended at locations where impacts are projected to occur.

1.1 Project Description

TDLE would expand the regional light rail system south from the Federal Way Downtown Station, which is the terminus of the Federal Way Link Extension (FWLE) opening in 2026, to the Tacoma Dome area near the existing Tacoma Dome Station. The alternatives under consideration for TDLE are shown in Figure 1-1 and discussed in detail in Chapter 2, Alternatives Considered, of the Draft EIS.

Project elements include:

- Approximately 10 miles of new dedicated guideway. Most of the guideway would be elevated, and there would be no at-grade vehicle or pedestrian crossings. The guideway extends across ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), as well as the cities of Federal Way, Milton, Fife, and Tacoma, and unincorporated Pierce County.
- New stations in South Federal Way and Fife and two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome area).
- A new rail-only fixed-span bridge crossing the Puyallup River.
- New parking facilities with approximately 500 stalls each at the stations in South Federal Way and Fife, in either surface or garage park-and-ride configurations.

The project would also include construction of multiple TPSS, emergency access spaces, stormwater management features, and various infrastructure realignments and upgrades.

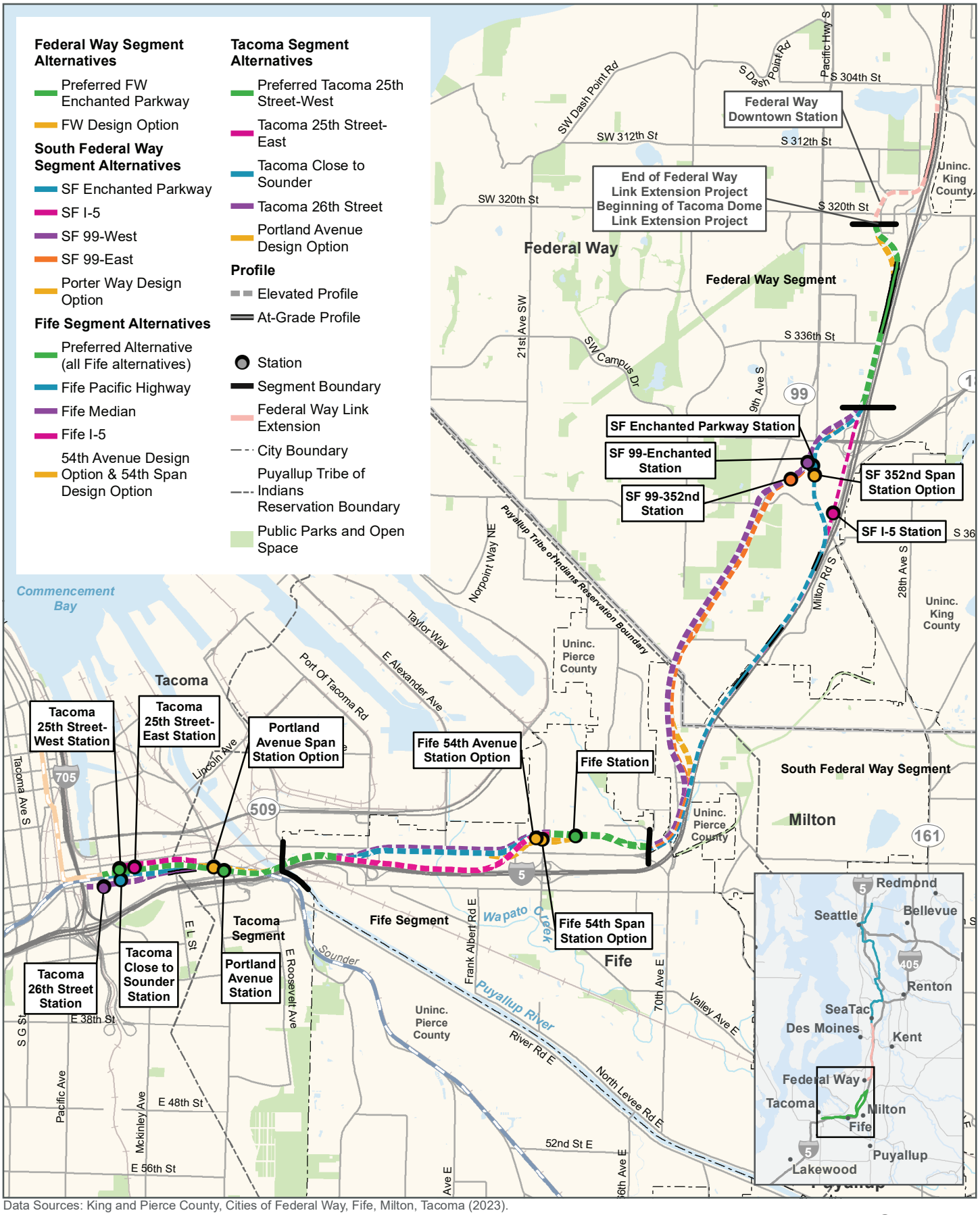

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 1-1
Alternatives Evaluated in the Draft Environmental Impact Statement
Tacoma Dome Link Extension

2 NOISE AND VIBRATION BASICS

2.1 Noise Basics

Sound is defined as small changes in air pressure above and below the standard atmospheric pressure, and noise is usually considered to be unwanted sound. The three parameters that define noise include:

- **Level:** The level of sound is the magnitude of air pressure change above and below atmospheric pressure and is expressed in decibels (dB). Typical sounds fall within a range between 0 dB (the approximate lower limit of human hearing) and 120 dB (the highest sound level generally experienced in the environment). A 3-dB change in sound level is perceived as a barely noticeable change outdoors, and a 10-dB change in sound level is perceived as a doubling (or halving) of loudness.
- **Frequency:** The frequency (pitch or tone) of sound is the rate of air pressure change and is expressed in cycles per second, or Hertz (Hz). Human ears can detect a wide range of frequencies from around 20 Hz to 20,000 Hz; however, human hearing is not as sensitive at high and low frequencies, and the A-weighting system, which measures what humans hear in a more meaningful way by reducing the sound levels of higher and lower frequency sounds, is used to provide a measure (dBA) that correlates with human response to noise. Figure 2-1 shows typical maximum A-weighted sound levels for transit and non-transit sources. The A-weighted sound level has been widely adopted by acousticians as the most appropriate descriptor for environmental noise.
- **Time Pattern:** Because environmental noise is constantly changing, it is common to condense all of this information into a single number, called the “equivalent” sound level (Leq). The Leq represents the changing sound level over a period of time, typically 1 hour or 24 hours in transit noise assessments. For assessing the noise impact of rail projects at residential land uses, the day-night sound level (Ldn) is the noise descriptor commonly used, and it has been adopted by many agencies as the best way to describe how people respond to noise in their environment. Ldn is a 24-hour cumulative A-weighted noise level that includes all noises that occur during a day, with a 10-dB penalty for nighttime noise (10 p.m. to 7 a.m.). This nighttime penalty means that any noise events at night are equivalent to 10 similar events during the day.

Typical Ldn values for various transit operations and environments are shown on Figure 2-2.

In addition to the Leq and Ldn, there are other metrics used to describe noise. The loudest 1 second of noise over a measurement period, or maximum A-weighted sound level (Lmax), is used in many local and state ordinances for noise emitted from private land uses and for construction noise impact evaluations. Environmental noise can also be viewed on a statistical basis using percentile sound levels (Ln), which refer to the sound level exceeded n-percent of the time.

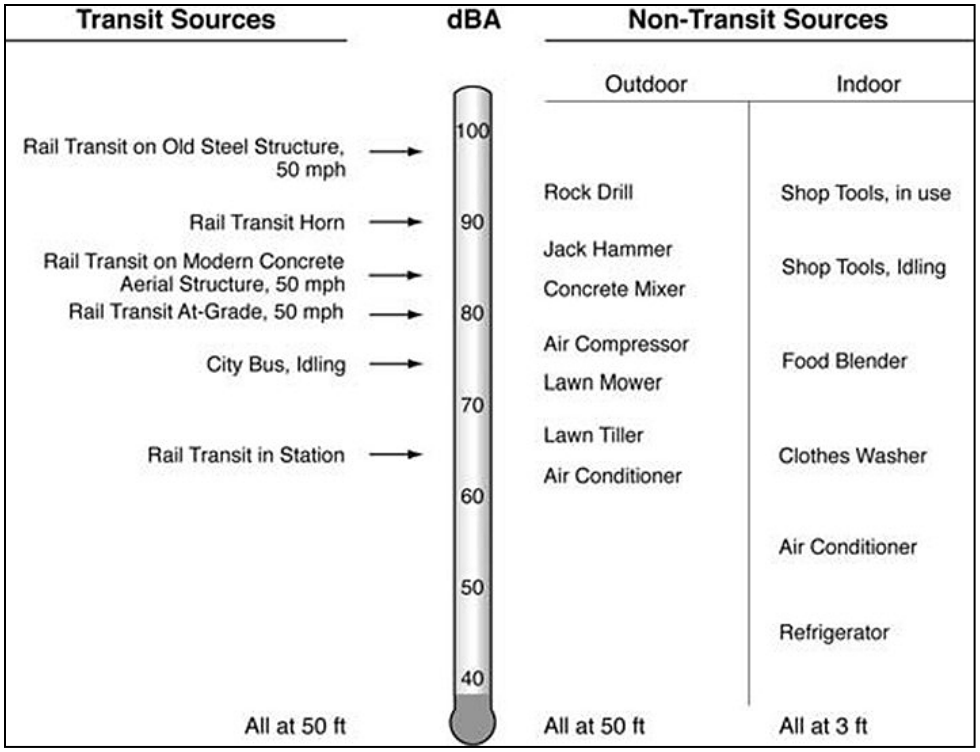

Source: FTA 2018

Figure 2-1 Typical A-Weighted Sound Levels

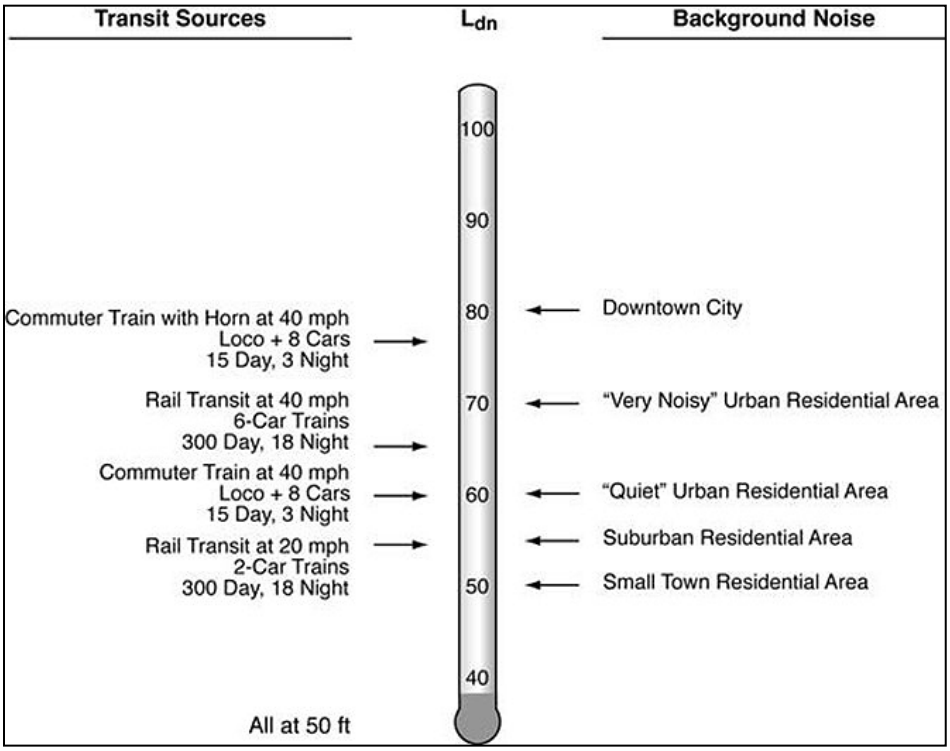

Source: FTA 2018

Figure 2-2 Typical Ldn Noise Exposure Levels

2.2 Vibration Basics

Ground-borne vibration from trains refers to the fluctuating or oscillatory motion experienced by persons on the ground and in buildings near railroad tracks. Vibration can be described in terms of displacement, velocity, or acceleration. Displacement is the simplest descriptor to perceive. For a vibrating floor, the displacement is simply the distance that a point on the floor moves away from its static position. Velocity represents the instantaneous speed of the floor movement, and acceleration is the rate of change of the speed. Although displacement may be simpler to perceive, the response of humans, buildings, and equipment to vibration is more accurately described using velocity or acceleration.

Two methods are used for quantifying vibration. The peak particle velocity (PPV) is defined as the maximum instantaneous positive or negative peak of the vibration signal. PPV often is used in monitoring of blasting vibration, since it is related to the stresses experienced by buildings. Although PPV is appropriate for evaluating the potential for building damage, it is not suitable for evaluating human response. It takes some time for the human body to respond to vibration impulses. In a sense, the human body responds to an average of the vibration amplitude. Because the net average of a vibration signal is zero, the root mean square (RMS) amplitude is used to describe the "smoothed" vibration amplitude.

PPV and RMS velocities are normally described in inches per second. Decibel notation is in common use for vibration and has been adopted by the FTA in their guidance. Decibel notation compresses the range of numbers required to describe vibration. Vibration levels in this report are referenced to 1×10^{-6} inches per second (in/sec). The abbreviation “VdB” is used in this document for vibration decibels to reduce the potential for confusion with sound decibels. Common vibration sources and human and structural response to ground-borne vibration are illustrated in Figure 2-3. Typical vibration levels can range from below 50 VdB to 100 VdB (0.000316 in/sec to 0.1 in/sec). The human threshold of perception is approximately 65 VdB.

Ground-borne vibration can lead to ground-borne noise, which is a low-volume, low-frequency rumble inside buildings that occurs when ground vibration causes the flexible walls of the buildings to resonate and generate noise. Ground-borne noise is normally not a consideration when trains are elevated or at grade. In these situations, the airborne noise usually overwhelms ground-borne noise, so the airborne noise level is the major consideration. However, ground-borne noise becomes an important consideration where there are sections of the alignment in a tunnel or where sensitive interior spaces are well isolated from the airborne noise. In these situations, the airborne noise path is impeded, and ground-borne noise dominates inside buildings. In rare situations, ground-borne noise may also need to be considered where the airborne noise from a project is substantially mitigated by a sound wall.

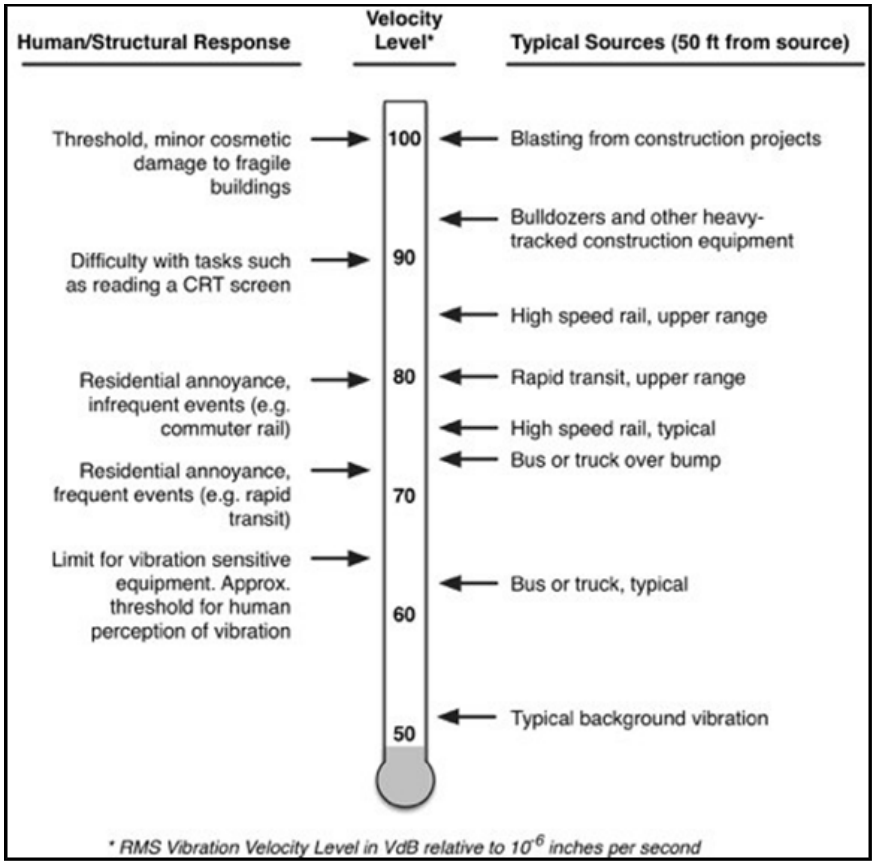

Source: FTA 2018

Figure 2-3 Typical Levels of Ground-Borne Vibration

3 IMPACT ASSESSMENT METHODOLOGY

Noise and vibration from light rail transit (LRT) operations were modeled using the methods described in the FTA guidance manual (FTA 2018). Noise-generating activities from LRT operations on the TDLE guideway include rail noise and wheel squeal, bells and activities around stations, parking facilities, and traction power substations (TPSS). The only activity that would generate substantial vibration would be LRT operations on the TDLE guideway.

3.1 Operational Noise Assessment Methodology

3.1.1 LRT Noise Assessment Methodology

The projection of wayside noise levels from LRT operations at sensitive receptors was determined using the model specified in the FTA guidance manual along with current design data for the proposed project, with the following assumptions:

- The noise assessment used the FTA guidance manual screening distance of 350 feet from the project centerline for LRT projects.
- LRT train speeds range from 20 miles per hour (mph) to 55 mph for revenue operations. LRT train speeds are based on modeled speeds that reflect train operating characteristics, track geometry, and passenger station locations.
- The LRT trains consist of four LRT railcars during all hours of operation.
- The weekday operating hours and headways in 2042 (the forecast year) for the Ballard-Tacoma line:
  - Early-morning operations (5 to 6 a.m.): 12-minute headways.
  - Morning peak operations (6 to 9 a.m.): 5-minute headways.
  - Midday operations (9 a.m. to 2:30 p.m.): 10-minute headways.
  - Afternoon peak operations (2:30 to 6:30 p.m.): 5-minute headways.
  - Evening operations (6:30 to 10 p.m.): 10-minute headways.
  - Evening to late-night operations (10 p.m. to 1 a.m.): 15-minute headways.
- The sound exposure level at 50 feet for a four-car LRT train operating on ballast and tie track at 50 mph is assumed to be 88 dBA.
- The sound exposure level at 50 feet for a four-car LRT train operating on direct fixation tracks on a concrete structure is increased by 4 dB relative to ballast and tie tracks.
- Locations of elevated structures, crossovers, and embedded track were identified based on plan and profile maps provided by the engineering team.
- Wheel squeal is possible on curves with a radius of less than 600 to 1,000 feet, depending on the speed and type of trackway. Wheel squeal is not included in the noise model because Sound Transit has committed to reducing any potential wheel squeal by installing wayside lubricators on all curves in noise-sensitive areas with a radius of less than 600 feet and by preparing all curves for wayside lubricators that have a radius of between 600 and 1,000 feet. There are no curves with a radius of less than 600 feet. Curves with a radius between 600 and 1,000 feet are discussed in Section 6.

- Wheel impacts at track crossovers and turnouts are assumed to cause localized noise increases of 5 dB up to a distance of 300 feet and no increase beyond 300 feet.
- There are no noise-sensitive receptors located within the FTA guidance manual screening distance of 200 feet for stations, so no assessment of station noise, including warning bells on LRT vehicles, was conducted.
- There are no noise-sensitive receptors located within the FTA guidance manual screening distance of 200 feet for parking facilities, so no FTA assessment of parking facility noise was conducted. The Washington Administrative Code (WAC) noise criteria were used to assess the park-and-ride facilities as well.
- Because all of the TPSS equipment would be fully contained within structures, no noise assessment was conducted for TPSS facilities.

3.1.2 Traffic Noise Assessment Methodology

FTA provides guidance for evaluating noise for rail transit projects that involve changes to existing highway noise barriers. In the Belmor Mobile Home Park (Belmor) community, the project will result in the removal of a noise barrier and modification of a berm. In this location, a highway noise analysis following WSDOT procedures is applied based on the FTA Guidance Manual. WSDOT follows the Federal Highway Administration (FHWA) procedures outlined in the Code of Federal Regulations. Details regarding the methodology can be found in Attachment G.

3.1.3 Noise Measurement Procedures and Equipment Methodology

The noise measurement program was conducted in November 2019 and March 2020 and consisted of long-term (24-hour) and short-term (1-hour) monitoring of the A-weighted sound level. All the measurement sites were located in or near noise-sensitive areas and were selected to represent a range of existing noise conditions near the TDLE build alternatives. Long-term noise measurements were conducted at 13 locations, and a short-term measurement was conducted at one location near the build alternatives. The noise measurement locations are shown in Section 5 (Figures 5-1 through 5-3), and photographs of the measurement sites are included in Attachment A. Detailed noise measurement data are presented in Attachment B. Summary information regarding the noise measurements for the alternatives is presented below in Sections 5.2.1 through 5.2.3.

At each of the measurement sites, the A-weighted sound levels were continuously monitored during the measurement periods. The noise measurements were performed with NTi Audio Model XL2 noise monitors that conform to American National Standards Institute (ANSI) Standard S1.4 for Type 1 (Precision) sound level meters. Calibrations, traceable to the U.S. National Institute of Standards and Technology (NIST), were carried out in the field before and after each set of measurements using an acoustical calibrator.

In all cases, the measurement microphone was protected by a windscreen and supported on a tripod at a height of 4 to 6 feet above the ground and was positioned to characterize the exposure of the site to the dominant noise sources in the area. For example, microphones were located at the approximate setback lines of the receptors from adjacent roads and were positioned to avoid acoustic shielding by landscaping, fences, or other obstructions.

3.2 Operational Vibration Assessment Methodology

3.2.1 LRT Vibration Assessment Methodology

The projection of ground-borne vibration from train operations was carried out using the model specified in the FTA guidance manual, supplemented by LRT vibration measurement data provided by Sound Transit, with the following assumptions:

- The vibration assessment used the FTA guidance manual noise screening distance of 350 feet from the project centerline for LRT projects for consistency with the noise assessment.
- LRT train speeds range from 20 mph to 55 mph for revenue operations. LRT train speeds are based on modeled speeds that reflect train operating characteristics, track geometry, and passenger station locations.
- The LRT trains consist of four LRT railcars during all hours of operation.
- The operating hours and headways in 2042:
  - Early-morning operations (5 to 6 a.m.): 12-minute headways.
  - Morning peak operations (6 to 9 a.m.): 5-minute headways.
  - Midday operations (9 a.m. to 2:30 p.m.): 10-minute headways.
  - Afternoon peak operations (2:30 to 6:30 p.m.): 5-minute headways.
  - Evening operations (6:30 to 10 p.m.): 10-minute headways.
  - Evening to late-night operations (10 p.m. to 1 a.m.): 15-minute headways.
- Locations of elevated structures, crossovers, and embedded track were identified based on plan and profile maps provided by the engineering team.
- Wheel impacts at track crossovers and turnouts are assumed to cause localized vibration increases of up to 10 VdB for nearby sensitive receptors due to the gaps in the track rails at these locations.
- Elevated structures reduce the ground-borne vibration levels by 10 VdB, except at 10 and 12.5 Hz (which have a reduction of 0 VdB), at nearby sensitive receptors compared with at-grade track. In Fife, direct measurements of elevated structure vibration were used in the assessment and no correction to the vibration levels was included.
- Vibration source (force density) levels were based on test data provided in the Sound Transit reference noise and vibration level report for both ballast and tie tracks and direct fixation tracks. Because of unusual soil conditions in Fife, the standard elevated structure assessment methodology, using the at-grade force density with the correction described above, was yielding atypical results. An additional elevated structure vibration source was included in Fife, which used a point source propagation method to account for vibration attenuation with distance near elevated structures. This method does not incorporate the 10 VdB adjustment described above. The vehicle force density includes a 3 VdB safety factor.
- Vibration propagation tests were conducted at representative sites along the corridor near sensitive receptors, as described in Section 5.3. The results of these tests were combined with the LRT vehicle vibration source level measurement data to provide projections of vibration levels from the project.

The assumed vehicle vibration characteristics are represented by the force density levels (FDL) spectra at 25 mph in Figure 3-1 for ballast and tie tracks, direct fixation tracks and the elevated

structure force density. The force density is the vehicle input force, by frequency, which is measured for vehicles operating on different track structures. The results were combined with the ground vibration propagation test results (represented by transfer mobility spectra shown in Attachment C) to project vibration levels as a function of distance. The formula for calculating the future vibration levels is as follows:

Lv = FDL + LSTM (or PSTM for elevated structures in Fife)

Where:

Lv = projected train vibration level,
FDL = vehicle force density, and
LSTM = line source transfer mobility at a given site,
PSTM = point source transfer mobility at a given site.

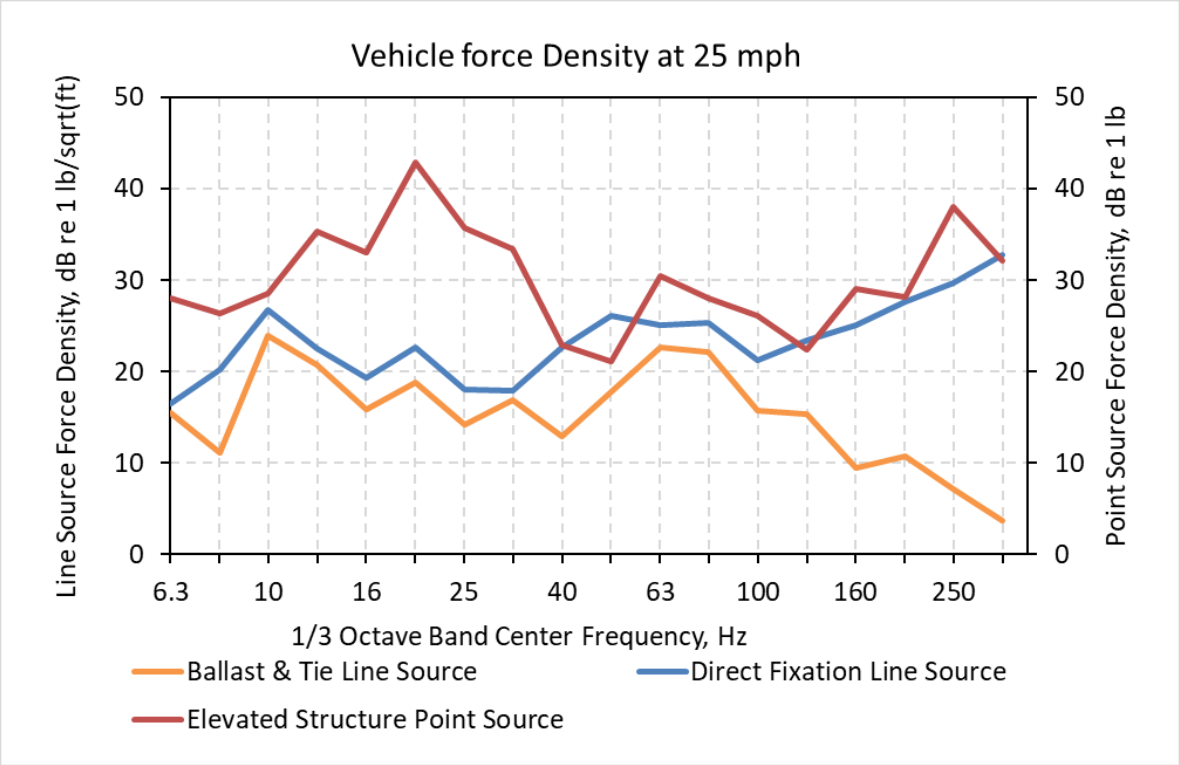

Figure 3-1 Vehicle Force Density Levels at 25 mph

3.2.2 Vibration Measurement Procedures Methodology

Vibration propagation measurements were conducted during November 2019 and March 2020 to determine the vibration response characteristics of the ground near vibration-sensitive locations located near the proposed mainline track options. Details regarding the vibration propagation test procedures and data assessment methods can be found in Section 6.5 of the FTA noise and vibration guidance manual. A custom-built instrumented hammer was used to impart an impulsive force to the ground to determine the ground response. The magnitude of the force was calculated based on the acceleration and mass of the falling hammer. The resulting vibration signals were measured using high-sensitivity accelerometers (PCB Models 393C and 393B05) mounted in a vertical direction on pavement or on steel spikes driven into the ground. The signals from the hammer and accelerometers were recorded using Data Translation DT9837A digital acquisition hardware. Data Translation's QuickDAQ software, running on a laptop computer, was used to review the measurement data.

The vibration propagation test procedure is shown schematically in Figure 3-2. The instrumented hammer was used to generate impulses at specific locations spaced 15 feet apart along a line on or parallel to the proposed alignment. A line of accelerometers was placed perpendicular to the line of impacts as shown in the figure. The relationship between the input force and the resulting vibration measured by the accelerometers, called the transfer mobility (TM), was calculated using proprietary software in the Cross-Spectrum Acoustics (CSA) laboratory. The transfer mobility represents the vibration propagation characteristics of the ground at the measurement site and along the mainline track options.

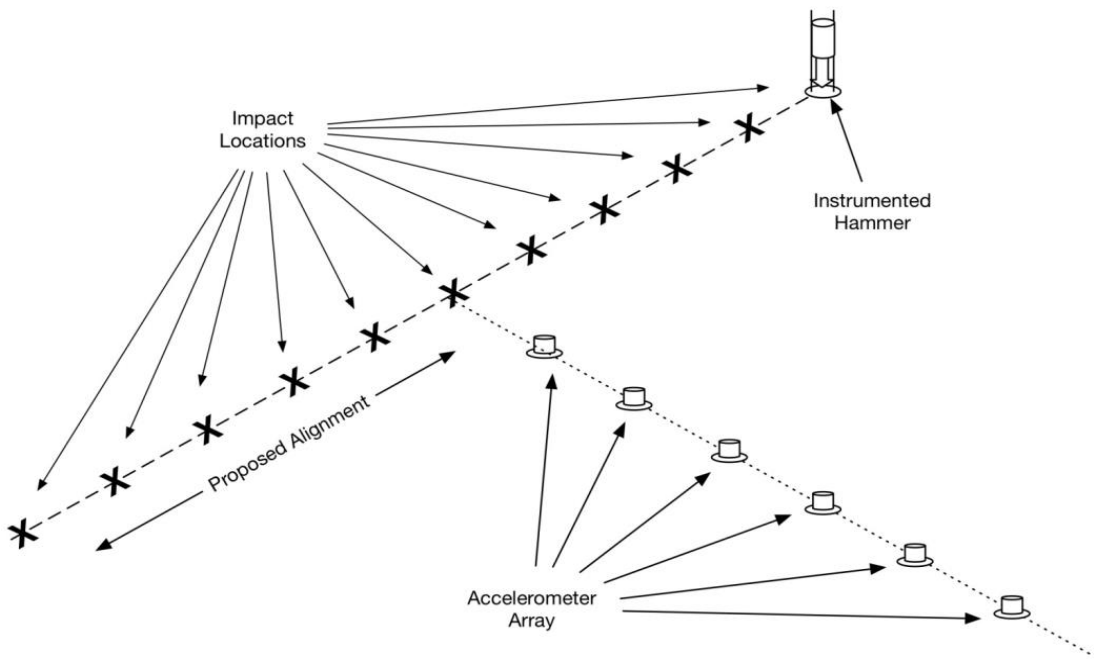

Figure 3-2 Vibration Propagation Measurement Schematic

3.3 Construction Noise Assessment Methodology

Construction noise and impacts are assessed using a combination of the methods and construction source data contained in the FTA guidance manual and the FHWA Roadway Construction Noise Model (RCNM) from the FHWA Construction Noise Handbook (FHWA 2006). Typical noise levels generated by representative pieces of equipment are listed in Table 3-1. The noise exposure at a receiver location may be calculated using decibel addition of all operating construction equipment using the following equation:

$$Leq(n) = Lmax + 10\times Log(U.F.) - 20\times Log(D/50) - A_{shielding}$$

where:

Leq(n) = noise exposure at a receiver resulting from the operation of a single piece of equipment over n hours,
Lmax = noise emission level of the particular piece of equipment at the reference distance of 50 feet (taken from Table 3-1),
$A_{shielding}$ = shielding provided by barriers, building, or terrain,
D = distance from the receiver to the piece of equipment in feet, and
U.F. = usage factor that accounts for the fraction of time that the equipment is in use over the specified time period. For Leq (1) assume a U.F. equal to 100%, and for 8 hours or more use the values in Table 3-1.

The combination of noise from several pieces of equipment operating during the same time period is obtained from decibel addition of the Leq of each single piece of equipment calculated using the above equations.

Table 3-1 Construction Equipment Noise Emission Levels

Equipment	Typical Noise Level (dBA) 50 Feet	Usage Factor (U.F.) %
Air compressor	80	40
Backhoe	80	40
Ballast equalizer	82	50
Ballast tamper	83	50
Compactor	82	20
Concrete mixer	85	40
Concrete pump	82	20
Crane, derrick	88	16
Crane, mobile	83	16
Dozer	85	16
Generator	82	50
Grader	85	40
Impact wrench	85	50
Jackhammer	88	20
Loader	80	40
Paver	85	50
Pile driver (impact)	101	20
Pile driver (vibratory)	95	20
Pneumatic tool	85	50
Pump	77	50
Rail saw	90	20
Rock drill	85	20
Roller	85	20
Saw	76	20
Scarifier	83	20
Scraper	85	40
Shovel	82	40
Spike driver	77	20
Tie cutter	84	20
Tie handler	80	20
Tie inserter	85	20
Truck	84	40

Sources: FTA 2018; FHWA 2006

3.4 Construction Vibration Assessment Methodology

Construction vibration is assessed for areas where there is potential for impact from construction activities. Such activities include blasting, pile driving, demolition, and drilling or excavation in close proximity to sensitive structures. Typical vibration levels generated by representative pieces of equipment are listed in Table 3-2. For damage assessment, the following equation is used:

$$PPV_{equip} = PPV_{ref} \times [(25/D)]^{1.5}$$

where:

PPV_{equip} = the peak particle velocity in in/sec of the equipment adjusted for distance,
PPV_{ref} = the reference vibration level in in/sec at 25 feet from Table 3-2, and
D = the distance from the equipment to the receiver in feet.

For annoyance assessment, the following equation is used:

$$Lv\ (D) = Lv\ (25\ ft) - 30 \times Log(D/25)$$

where:

Lv(D) = RMS vibration level at distance D,
Lv(25 ft) = RMS vibration level at 25 feet from Table 3-2, and
D = the distance from the equipment to the receiver in feet.

Table 3-2 Construction Equipment Vibration Source Levels

Equipment		PPV at 25 Feet (in/sec)	Approximate Level[1] at 25 Feet (VdB)
Pile driver (impact)	Upper range	1.518	112
	Typical	0.644	104
Pile driver (vibratory)	Upper range	0.734	105
	Typical	0.170	93
Clam shovel drop (slurry wall)		0.202	94
Hydromill (slurry wall)	In soil	0.008	66
	In rock	0.017	75
Vibratory roller		0.210	94
Hoe ram		0.089	87
Large bulldozer		0.089	87
Caisson drilling		0.089	87
Loaded trucks		0.076	86
Jackhammer		0.035	79
Small bulldozer		0.003	58

Source: FTA 2018
Note:
(1) RMS velocity in decibels (VdB) referenced to 1 micro-inch/second.

4 CRITERIA

4.1 FTA Operational Noise Impact Criteria

The FTA operational noise impact criteria are based on well-documented research on community response to noise and are based on both the existing level of noise and the change in noise exposure due to a project. The FTA noise criteria compare the project noise with the existing noise (not the no-build noise). This is because comparison of a noise projection with an existing noise condition is more accurate than comparison of a projection with another noise projection. Because background noise may increase by the time the project is operational, this approach of using existing noise conditions is conservative.

The FTA noise criteria are based on the land use category of the sensitive receptor. The descriptors and criteria for assessing noise impacts vary according to land use categories adjacent to the track. For Category 2, land uses where people live and sleep (e.g., residential neighborhoods, hospitals, and hotels), the Ldn is the assessment parameter. For other land use types (Category 1 or 3) where there are noise-sensitive uses (e.g., outdoor concert areas, schools, and libraries), the Leq for the loudest hour of train activity during hours of noise sensitivity is the assessment parameter. Table 4-1 summarizes the three land use categories.

Table 4-1 Land Use Categories and Metrics for Transit Noise Impact Criteria

Land Use Category	Land Use Type	Noise Metric (dBA)	Description of Land Use Category
1	High Sensitivity	Outdoor Leq(h)[1]	Land where quiet is an essential element of its intended purpose. Example land uses include preserved land for serenity and quiet, outdoor amphitheaters and concert pavilions, and National Historic Landmarks with considerable outdoor use. Recording studios and concert halls are also included in this category.
2	Residential	Outdoor Ldn	This category is applicable to all residential land use and buildings where people normally sleep, such as hotels and hospitals.
3	Institutional	Outdoor Leq(h)[1]	This category is applicable to institutional land uses with primarily daytime and evening use. Example land uses include schools, libraries, theaters, and churches, where it is important to avoid interference with such activities as speech, meditation, and concentration on reading material. Places for meditation or study associated with cemeteries, monuments, museums, campgrounds, and recreational facilities are also included in this category.

Source: FTA 2018

Note:

(1) Leq (1hr) for the loudest hour of project-related activity during hours of noise sensitivity.

The noise impact criteria are defined by the two curves in Figure 4-1, which allow increasing project noise as existing noise levels increase, up to a point at which impact is determined based on project noise alone. The FTA noise impact criteria include three levels of impact, as shown on Figure 4-1. The three levels of impact include:

- **No Impact:** Project-generated noise is not likely to cause community annoyance. Noise projections in this range are considered acceptable by FTA and mitigation is not required.
- **Moderate Impact:** Project-generated noise in this range is considered to cause impact at the threshold of measurable annoyance. Moderate impacts serve as an alert to project planners for potential adverse impacts and complaints from the community. Mitigation should be considered at this level of impact based on project specifics and details concerning the affected properties.
- **Severe Impact:** Project-generated noise in this range is likely to cause a high level of community annoyance. If it is not practical to avoid severe impacts by changing the location of the project, mitigation measures must be considered.

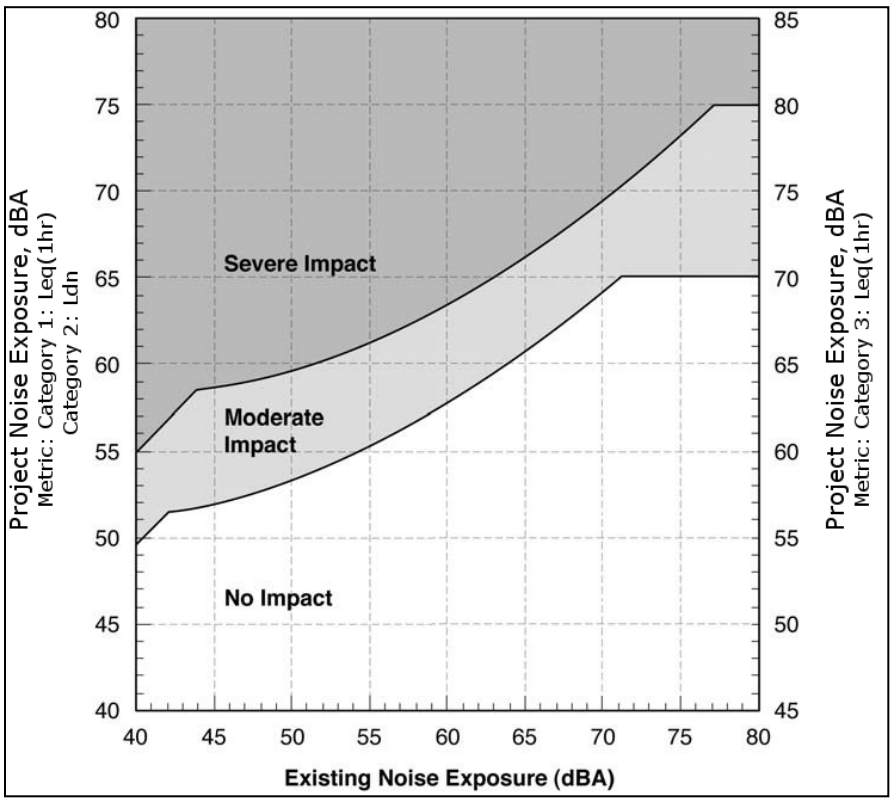

Source: FTA 2018

Figure 4-1 FTA Noise Impact Criteria

Although the curves in Figure 4-1 are defined in terms of the project noise exposure and the existing noise exposure, the increase in the cumulative noise — when project-generated noise is added to existing noise levels — is the basis for the criteria. To illustrate this point, Figure 4-2 shows the noise impact criteria for Category 1 and Category 2 land uses in terms of the allowable increase in the cumulative noise exposure. Because Ldn and Leq are measures of total acoustic energy, any new noise source in a community would cause an increase, even if the new source level is lower than the existing level. In Figure 4-2, the criterion for a moderate impact allows a noise exposure increase of 10 dB if the existing noise exposure is 42 dBA or less, but only a 1 dB increase when the existing noise exposure is 70 dBA.

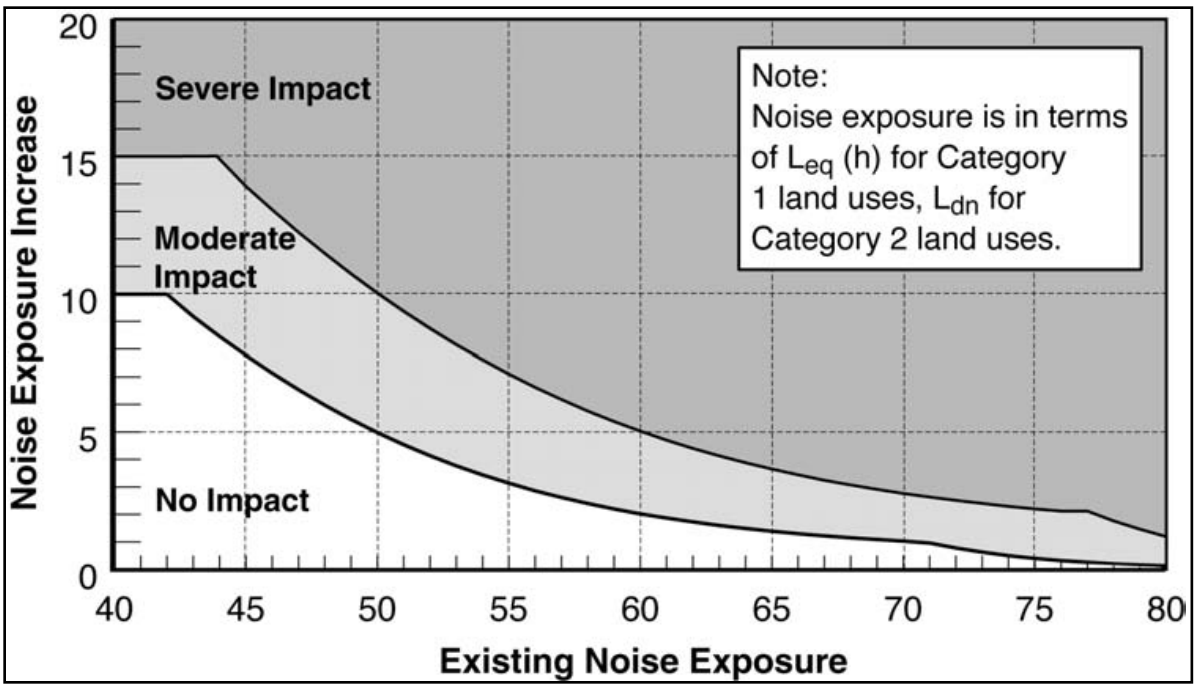

Source: FTA 2018

Figure 4-2 FTA Cumulative Noise Impact Criteria

As the existing level of ambient noise increases, the allowable level of transit noise increases, but the total amount that community noise exposure is allowed to increase is reduced. This accounts for the unexpected result that a project noise exposure that is lower than the existing noise exposure can still cause an effect.

4.2 FTA Operational Vibration Impact Criteria

The operational vibration impact criteria used for the project are based on the information contained in Section 6 of the FTA noise and vibration guidance manual. The criteria for a general vibration assessment are based on land use and train frequency, as shown in Table 4-2. Some buildings, such as concert halls, recording studios, and theaters, can have a higher sensitivity to vibration (or ground-borne noise) but do not fit into the three vibration categories listed below in Table 4-2. Because of the sensitivity of these buildings, special attention is paid to these buildings during the environmental assessment of a project. Table 4-3 shows the FTA criteria for acceptable levels of vibration for several types of special buildings.

Table 4-2 and Table 4-3 also include additional criteria for ground-borne noise, which is a low-frequency noise that is radiated from the motion of room surfaces, such as walls and ceilings in buildings due to ground-borne vibration. Ground-borne noise is defined in terms of dBA, which emphasizes middle and high frequencies, which are more audible to human ears. The criteria for ground-borne noise are much lower than for airborne noise to account for the low-frequency character of ground-borne noise; however, because airborne noise typically masks ground-borne noise for above ground (at-grade or elevated) transit systems, ground-borne noise is assessed only for operations in tunnels, where airborne noise is not a factor, or at locations such as recording studios, which are well insulated from airborne noise.

Table 4-2 Ground-Borne Vibration and Noise Impact Criteria for General Assessment

Land Use Category	Ground-Borne Vibration Impact Levels (VdB re 1 micro-inch/sec) for Frequent Events[1]	Ground-Borne Vibration Impact Levels (VdB re 1 micro-inch/sec) for Occasional Events[2]	Ground-Borne Vibration Impact Levels (VdB re 1 micro-inch/sec) for Infrequent Events[3]	Ground-Borne Noise Impact Levels (dBA re 20 micro Pascals) for Frequent Events[1]	Ground-Borne Noise Impact Levels (dBA re 20 micro Pascals) for Occasional Events[2]	Ground-Borne Noise Impact Levels (dBA re 20 micro Pascals) for Infrequent Events[3]
Category 1: Buildings where vibration would interfere with interior operations	65 [4]	65 [4]	65 [4]	N/A [5]	N/A [5]	N/A [5]
Category 2: Residences and buildings where people normally sleep	72	75	80	35	38	43
Category 3: Institutional land uses with primarily daytime use	75	78	83	40	43	48

Source: FTA 2018

Notes:

(1) "Frequent Events" is defined as more than 70 vibration events of the same source per day. Most rapid transit projects, such as LRT, fall into this category.

(2) "Occasional Events" is defined as between 30 and 70 vibration events of the same source per day. Most commuter trunk lines have this level of operations.

(3) "Infrequent Events" is defined as fewer than 30 vibration events of the same kind per day. This category includes most commuter rail branch lines.

(4) This criterion limit is based on levels that are acceptable for most moderately sensitive equipment, such as optical microscopes. Vibration-sensitive manufacturing or research would require detailed evaluation to define the acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the HVAC systems and stiffened floors.

(5) Vibration-sensitive equipment is generally not sensitive to ground-borne noise.

Table 4-3 Ground-Borne Vibration and Noise Impact Criteria for Special Buildings

Land Use Category	Ground-Borne Vibration Impact Levels (VdB re 1 micro-inch/sec) for Frequent Events [1]	Ground-Borne Vibration Impact Levels (VdB re 1 micro-inch/sec) for Occasional or Infrequent Events [2]	Ground-Borne Noise Impact Levels (dBA re 20 micro Pascals) for Frequent Events [1]	Ground-Borne Noise Impact Levels (dBA re 20 micro Pascals) for Occasional or Infrequent Events [2]
Concert halls	65	65	25	25
TV studios	65	65	25	25
Recording studios	65	65	25	25
Auditoriums	72	80	30	38
Theaters	72	80	35	43

Source: FTA 2018

Notes:

(1) "Frequent Events" is defined as more than 70 vibration events of the same source per day. Most rapid transit projects, such as LRT, fall into this category.

(2) "Occasional or Infrequent Events" is defined as fewer than 70 vibration events per day. This category includes most commuter rail systems.

If the building would rarely be occupied when the trains are operating, there is no need to consider impact. As an example, if a commuter rail line were located next to a concert hall and no commuter trains operate after 7 p.m., it should be rare that the trains interfere with the use of the hall.

The criteria for a detailed vibration assessment are shown in Figure 4-3, and descriptions of the curves are shown in Table 4-4. The curves in Figure 4-3 are applied to the projected vibration spectrum for the project. If the vibration level at any one frequency exceeds the criteria, there is an impact. Conversely, if the entire proposed vibration spectrum of the project is below the curve, there would be no impact.

For the project, the detailed vibration assessment criteria are used to assess operational ground-borne vibration, except at special buildings where the general vibration assessment criteria are used.

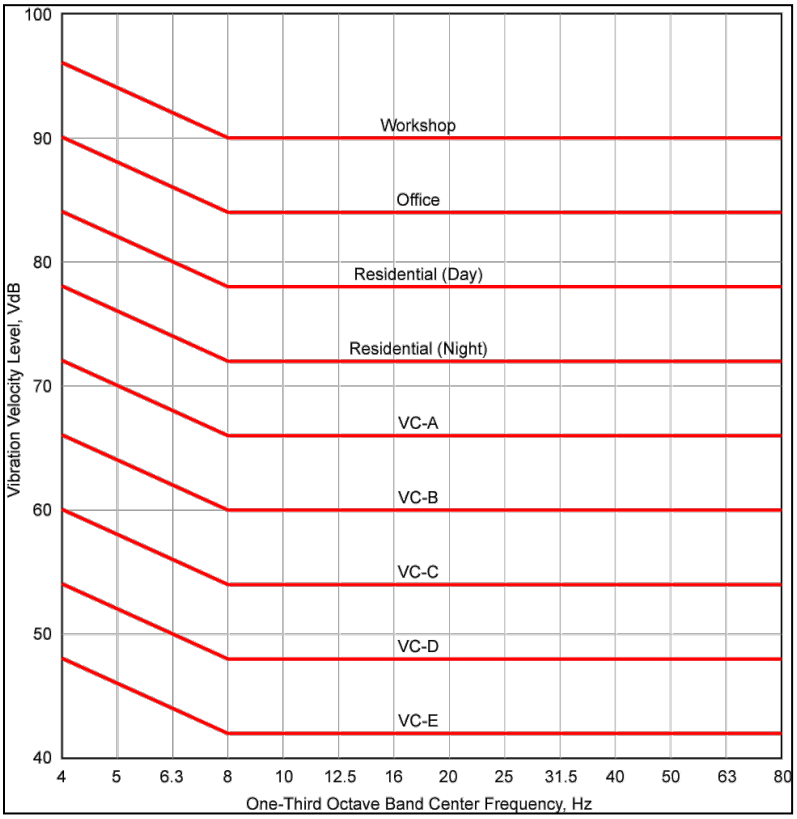

Source: FTA 2018

Figure 4-3 FTA Detailed Vibration Criteria

Table 4-4 Interpretation of Vibration Criteria for Detailed Analysis

Criterion Curve (See Figure 3-3)	Max. Level (VdB) [1]	Description of Use
Workshop	90	Vibration that is distinctly felt. Appropriate for workshops and similar areas not as sensitive to vibration.
Office	84	Vibration that can be felt. Appropriate for offices and other areas not as sensitive to vibration.
Residential Day	78	Vibration that is barely felt. Adequate for computer equipment and low-power optical microscopes (up to 20X).
Residential Night, Operating Rooms	72	Vibration is not felt, but ground-borne noise may be audible inside quiet rooms. Suitable for medium-power optical microscopes (100X) and other equipment of low sensitivity.
VC-A	66	Adequate for medium- to high-power optical microscopes (400X), microbalances, optical balances, and similar specialized equipment.
VC-B	60	Adequate for high-power optical microscopes (1000X) and inspection and lithography equipment to 3-micron line widths.
VC-C	54	Appropriate for most lithography and inspection equipment to 1-micron detail size.
VC-D	48	Suitable in most instances for the most demanding equipment, including electron microscopes operating to the limits of their capabilities.
VC-E	42	The most demanding criterion for extremely vibration-sensitive equipment.

Source: FTA 2018

Note:

(1) As measured in 1/3-octave bands of frequency over the frequency range 8 to 80 Hz.

4.3 FTA Construction Noise Impact Criteria

FTA has developed methods for evaluating construction noise levels. These methods do not include standardized criteria, but they include noise impact guidelines for sensitive land uses that describe levels that may result in an adverse community reaction. Table 4-5 shows the FTA noise assessment criteria for construction. The last column applies to construction activities that extend over 30 days near any given receiver. The Ldn is used to assess impacts in residential areas, and 24-hour Leq is used in commercial and industrial areas. The 8-hour Leq and the 30-day average Ldn noise exposure from construction noise calculations use the noise emission levels of the construction equipment, their location, and operating hours. The construction noise limits are normally assessed at the noise-sensitive receiver property line.

Table 4-5 FTA Construction Noise Criteria

Land Use	8-Hour Leq, dBA Day	8-Hour Leq, dBA Night	Noise Exposure, dBA 30-Day Average
Residential	80	70	75
Commercial	85	85	80
Industrial	90	90	85

Source: FTA 2018

4.4 FTA Construction Vibration Impact Criteria

In addition to the vibration criteria for human annoyance and interference with equipment and spaces described above, there are also vibration criteria for damage from construction activities. Typical transit operations do not have the potential for damage, so only certain construction activities are assessed for generating vibration with the potential for building damage.

The thresholds for damage to structures are typically several orders of magnitude above the thresholds for human response to vibration. Table 4-6 shows the FTA criteria for vibration damage to structures. This is based on the structure and construction type (and not a designation as historic). Table 4-6 includes criteria in both VdB and PPV.

Table 4-6 FTA Construction Vibration Damage Criteria

Building Category	PPV (in/sec)	Approximate Level [1] (VdB)
I. Reinforced-concrete, steel, or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Non-engineered timber and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Source: FTA 2018

Note:

(1) RMS velocity in VdB re 1 micro-inch/second.

4.5 Traffic Noise Criteria

FTA's Transit Noise and Vibration Impact Assessment Manual (FTA 2018, Section 4.1) provides performance standards or thresholds for project elements, including light rail operations and associated ancillary and support elements, such as park-and-ride lots and operations and maintenance facilities. The FTA criteria should be used to consider highway elements of a transit project if:

1. FTA is the lead agency.
2. The main purpose of the project is transit-related and not highway-related, and alternatives considered do not include reconstructing or widening an existing highway or altering existing noise barriers along a highway.
3. No federal-aid highway funds are used for the project.

Where existing noise barriers or berms will be removed or modified, FHWA standards and regulations will be used. See Attachment G for details regarding the traffic noise criteria. At all other locations, all three of the FTA transit-only project criteria listed above were met by the TDLE project, and FTA methods were used to assess traffic noise impacts, including traffic noise within and adjacent to park-and-rides.

4.6 Local Ordinances

The Washington Administrative Code (WAC) noise regulations (which has been adopted by the City of Federal Way) are taken from Chapter 173-60, WAC, Maximum Environmental Noise Levels (WAC 2000). Milton, Fife, Tacoma, and Pierce County do not adopt the WAC by reference but have adopted similar noise ordinances; the only difference is the definitions of

daytime and nighttime. The noise control ordinance provides three different Environmental Designations for Noise Abatement (EDNAs) based on zoning, which are defined as residential, commercial, and industrial. The ordinance defines the maximum allowable noise level from one EDNA to another. For example, the noise caused by an industrial zone or use, like the project, must be less than 60 dBA at the closest residential property line, 65 dBA at the closest commercial use, and 70 dBA at the closest industrial use. The WAC exempts mobile noise sources, including freight rail, aircraft in flight, and vehicles traveling in public right-of-way (including LRT), as well as safety warning devices (e.g., bells). The WAC does regulate stationary land uses (such as park-and-rides) with noises originating from outside public roadways and rights-of-way. The WAC noise standards are therefore not applied to LRT operations but are applicable to park-and-ride facilities. Table 4-7 provides the property line noise standards provided in the WAC.

Table 4-7 Washington State Noise Control Regulation

Source of Noise	Maximum Allowable Sound Level (dBA) [1] Residential Receiver	Maximum Allowable Sound Level (dBA) [1] Commercial Receiver	Maximum Allowable Sound Level (dBA) [1] Industrial Receiver
Residential	55	57	60
Commercial	57	60	65
Industrial	60	65	70

Source: Washington Administrative Code 2000

Note:

(1) Between 10 p.m. and 7 a.m., the levels given above are reduced by 10 dBA for residential receiving property.

In addition to the property-line noise standards listed in Table 4-7, there are exemptions for short-term noise exceedance, including those outlined in Table 4-8, that are based on the minutes per hour that the noise limit is exceeded.

Table 4-8 Washington State Exemptions for Short-Term Noise Exceedances

Minutes per Hour	Ln Value	Adjustment to Maximum Sound Level
15	L_{25}	+5 dBA
5	$L_{8.3}$	+10 dBA
1.5	$L_{1.5}$	+15 dBA

Construction noise is exempt from the WAC noise limits, except at residential land uses during nighttime hours (10 p.m. to 7 a.m.). For local jurisdictions, there are differences in the definition of daytime and nighttime. If construction is performed during nighttime hours, the contractor must still meet the WAC noise level requirements presented in Table 4-7 or obtain a noise variance from the governing jurisdiction.

Maximum permissible sound levels for haul trucks on public roadways are limited to 86 dBA for speeds of 35 mph or less and 90 dBA for speeds over 35 mph when measured at 50 feet (Chapter 173-62, WAC).

Sounds created by backup alarms are exempt, except between 10 p.m. and 7 a.m. when “beep-beep” backup alarms are essentially prohibited by the WAC in urban areas. During these hours, smart backup alarms (which automatically adjust the alarm level based on the background level) would be used, or the alarms would be switched off and replaced with spotters. This condition is included because, just as noise from construction activities, noise from backup beepers would exceed the WAC nighttime criteria, even with the allowable exceedance, at large distances from the construction site.

5 AFFECTED ENVIRONMENT

The affected noise and vibration environment in the vicinity of the TDLE build alternatives was investigated based on a review of current project and land use information, GIS data, a windshield survey, and measurements conducted during November 2019 and March 2020. Land use in the TDLE study area includes a combination of residential, institutional, commercial, and industrial zones. Noise-sensitive and vibration-sensitive land uses (as defined in Sections 4.1 and 4.2) in the study area were identified based on alignment drawings, aerial photographs, visual surveys, and land use information. Sensitive receptors located near the proposed alternatives include single-family and multi-family residences, hotels, and places of worship.

A summary of noise- and vibration-sensitive land uses adjacent to the TDLE build alternatives is provided below, followed by descriptions of the existing noise and vibration conditions in the study area. There is one special building, the Puyallup Tribe Integrative Medicine facility that includes the Salish Cancer Center, in Fife.

5.1 Noise and Vibration Sensitive Land Use

5.1.1 Federal Way Segment

The land use adjacent to the Preferred FW Enchanted Parkway Alternative (with or without the FW Design Option) is a mixture of commercial and residential properties. The noise- and vibration-sensitive land use is a mix of single- and multi-family homes. There are no institutional or highly sensitive noise- or vibration-sensitive land uses adjacent to this alternative.

5.1.2 South Federal Way Segment

The land use adjacent to the SF Enchanted Parkway Alternative is a mixture of commercial and residential properties. The noise- and vibration-sensitive land use includes the future King County emergency shelter, Telecare Pierce County Evaluation & Treatment Center, and a mix of single- and multi-family homes. There are no institutional or highly sensitive noise- or vibration-sensitive land uses adjacent to this alternative.

The land use adjacent to the SF I-5 Alternative is a mixture of commercial and residential properties. The noise- and vibration-sensitive land use includes the Telecare Pierce County Evaluation & Treatment Center and a mix of single- and multi-family homes. There are no institutional or highly sensitive noise- or vibration-sensitive land uses adjacent to this alternative.

The land use adjacent to the SF 99-West and SF 99-East alternatives (with or without the Porter Way Design Option) is a mixture of industrial, commercial, and residential properties. The noise- and vibration-sensitive land uses include the future King County emergency shelter (former Red Lion Inn & Suites), Montessori Academy at Spring Valley, Giac Vien Pagoda, Gethsemane Cemetery, Daffodil Motel, Telecare Pierce County Evaluation & Treatment Center, and a mix of single- and multi-family homes.

5.1.3 Fife Segment

The land use adjacent to the Fife Pacific Highway Alternative is a mixture of industrial, commercial, and residential properties. The noise- and vibration-sensitive land use includes St. Paul Chong Hasang Korean Catholic Community Church, New Horizon Christian Center, Puyallup Tribe Integrative Medicine, Kings Motor Inn, Fife Motel, Glacier Motel, Pinnacle Apartments, Travelodge by Wyndham Port of Tacoma WA, Sunshine Motel, Roadway Inn and Suites (currently closed), Extended Stay America Tacoma – Fife, and a mix of single- and multi-family homes.

The land use adjacent to the Fife Median Alternative is a mixture of industrial, commercial, and residential properties. The noise- and vibration-sensitive land use includes St. Paul Chong Hasang Korean Catholic Community Church, New Horizon Christian Center, Puyallup Tribe Integrative Medicine, Kings Motor Inn, Fife Motel, Glacier Motel, Pinnacle Apartments, Travelodge by Wyndham Port of Tacoma WA, Sunshine Motel, Roadway Inn and Suites (currently closed), Extended Stay America Tacoma – Fife, and a mix of single- and multi-family homes.

The land use adjacent to the Fife I-5 Alternative is a mixture of industrial, commercial, and residential properties. The noise- and vibration-sensitive land use includes St. Paul Chong Hasang Korean Catholic Community Church, New Horizon Christian Center, Puyallup Tribe Integrative Medicine, Kings Motor Inn, Roadway Inn and Suites (currently closed), Extended Stay America Tacoma – Fife, and a mix of single- and multi-family homes.

All of these land uses would remain the same for the respective alternative with the 54th Avenue Design Option or 54th Span Design Option These design options include a different station location and slight variation to the guideway alignment to reach the station location.

5.1.4 Tacoma Segment

The land use adjacent to the Preferred Tacoma 25th Street-West Alternative is mainly a mixture of industrial and commercial land use with few residential properties. The noise- and vibration-sensitive land use includes La Quinta Inn and Suites by Wyndham Tacoma – Seattle, Motel Tacoma Center, and single-family homes. There is one institutional land use (Cedar Wellness Center), but no highly sensitive noise- or vibration-sensitive land uses are adjacent to this alternative.

The land use adjacent to the Tacoma 25th Street-East Alternative is mainly a mixture of industrial and commercial land use with few residential properties. The noise- and vibration-sensitive land use includes La Quinta Inn and Suites by Wyndham Tacoma – Seattle, Motel Tacoma Center, and single-family homes. There is one institutional land use (Cedar Wellness Center), but no highly sensitive noise- or vibration-sensitive land uses are adjacent to this alternative.

The land use adjacent to the Tacoma Close to Sounder Alternative is mainly a mixture of industrial and commercial land use with few residential properties. The noise- and vibration-sensitive land use includes La Quinta Inn and Suites by Wyndham Tacoma – Seattle, Motel Tacoma Center, and single-family homes. There is one institutional land use (Cedar Wellness Center), but no highly sensitive noise- or vibration-sensitive land uses are adjacent to this alternative.

The land use adjacent to the Tacoma 26th Street Alternative is mainly a mixture of industrial and commercial land use with few residential properties. The noise- and vibration-sensitive land use includes La Quinta Inn and Suites by Wyndham Tacoma – Seattle, Motel Tacoma Center, Best Western Plus Tacoma Dome Hotel, and single-family homes. There is one institutional

land use (Cedar Wellness Center), but no highly sensitive noise- or vibration-sensitive land uses are adjacent to this alternative.

5.2 Existing Noise Conditions

Existing noise sources in the project area include traffic on I-5 and other major roadways, local roadway traffic, aircraft overflights, and local community activities. The existing ambient sound levels vary by location, depending on the proximity to I-5, the locations of existing noise barriers and berms, and are generally typical of a suburban environment near a busy interstate. Existing ambient noise levels were characterized through direct measurements, as described in Section 3.1.2, at selected sites in the area near the TDLE build alternatives during November 2019, March 2020, and June 2023.

5.2.1 Federal Way Segment Noise Measurement Results

Table 5-1 summarizes the results of the existing noise measurement program for the Federal Way Segment, and Figure 5-1 shows the locations of the three noise measurements for the Federal Way Segment. The results of the existing noise measurements were used to characterize the existing noise levels at all noise-sensitive locations in the Federal Way Segment.

Site LT-D: 11 The Dunes Court. The Ldn measured at this location was 65 dBA, and the measured peak hour Leq was 59 dBA. This location is representative of the single-family homes in Belmor, west of Oakland Hills Boulevard. The ambient noise levels were dominated by local traffic.

Site LT-E: 326 Oakland Hill Boulevard. The Ldn measured at this location was 70 dBA, and the measured peak hour Leq was 65 dBA. This location is representative of the single-family homes in Belmor and along 24th Avenue S close to I-5. The ambient noise levels were dominated by traffic on I-5.

Site LT-G: Christian Faith Center East. The Ldn measured at this location was 72 dBA, and the measured peak hour Leq was 66 dBA. This location is representative of the single-family homes between S 333rd Street and S 336th Street. The ambient noise levels were dominated by traffic on I-5.

Table 5-1 Summary of Existing Ambient Noise Measurements Results for the Federal Way Segment

Site No.	Measurement Location Description	Start Date	Start Time	Meas. Duration (hours)	Noise Exposure (dBA) Ldn	Noise Exposure (dBA) 1 Hour Leq
LT-D	11 The Dunes Court, Federal Way	11/19/2019	12:00	24	65	59
LT-E	326 Oakland Hills Boulevard, Federal Way	11/19/2019	12:00	24	70	65
LT-G	Christian Faith Center East, Federal Way	11/19/2019	14:00	24	72	66

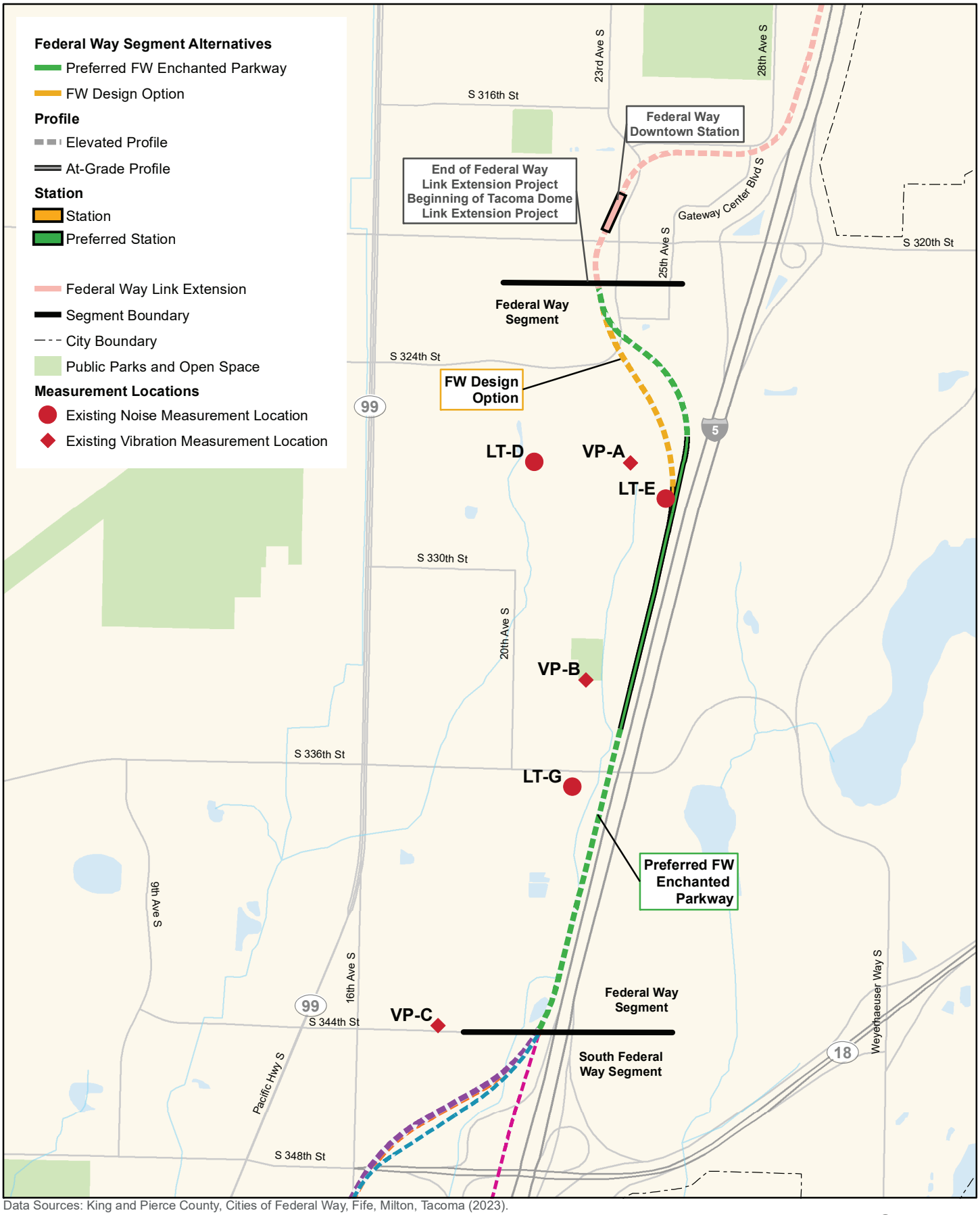

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 5-1

Existing Noise and Vibration Measurement Locations
Federal Way Segment

Tacoma Dome Link Extension

5.2.2 South Federal Way Segment Noise Measurement Results

Table 5-2 summarizes the results of the existing noise measurement program for the South Federal Way Segment, and Figure 5-2 shows the locations of the four noise measurements for the South Federal Way Segment. The results of the existing noise measurements were used to characterize the existing noise levels at all noise-sensitive locations in the South Federal Way Segment.

Site LT-I: 35810 16th Avenue S. The Ldn measured at this location was 73 dBA, and the measured peak hour Leq was 69 dBA. This location is representative of the single- and multi-family homes between Highway 161 and Porter Way. The ambient noise levels were dominated by local traffic and traffic on I-5.

Site LT-J: Abandoned Weigh Station, I-5 (MM 141). The Ldn measured at this location was 81 dBA, and the measured peak hour Leq was 77 dBA. The ambient noise levels were dominated by traffic on I-5.

Site LT-K: 1413 69th Avenue E. The Ldn measured at this location was 73 dBA, and the measured peak hour Leq was 69 dBA. This location is representative of the Telecare Pierce County Evaluation & Treatment Center and the single-family homes between Porter Way and 68th Avenue E. The ambient noise levels were dominated by traffic on Pacific Highway and I-5.

Site LT-S: Brooklake Church. The Ldn measured at this location was 59 dBA, and the measured peak hour Leq was 54 dBA. The ambient noise levels were dominated by traffic on Pacific Highway.

Site LT-T: 7808 Pacific Highway E. The Ldn measured at this location was 68 dBA, and the measured peak hour Leq was 65 dBA. This location is representative of the Montessori Academy at Spring Valley, Giac Vien Pagoda, Gethsemane Cemetery, Daffodil Motel, and single- and multi-family homes along Pacific Highway between S 356th Street and 10th Street E. The ambient noise levels were dominated by traffic on Pacific Highway.

Table 5-2 Summary of Existing Ambient Noise Measurements Results for the South Federal Way Segment

Site No.	Measurement Location Description	Start Date	Start Time	Meas. Duration (hours)	Noise Exposure (dBA) Ldn	Noise Exposure (dBA) 1 Hour Leq
LT-I	35810 16th Avenue S, Federal Way	3/16/2020	11:00	24	73	69
LT-J	Abandoned Weigh Station, I-5 (MM 141), Federal Way	3/17/2020	19:00	24	81	77
LT-K	1413 69th Avenue E, Fife	3/17/2020	16:00	24	73	69
LT-S	Brooklake Church, Federal Way	6/12/2023	16:00	24	59	54
LT-T	7808 Pacific Highway E, Milton	6/12/2023	15:00	24	68	65

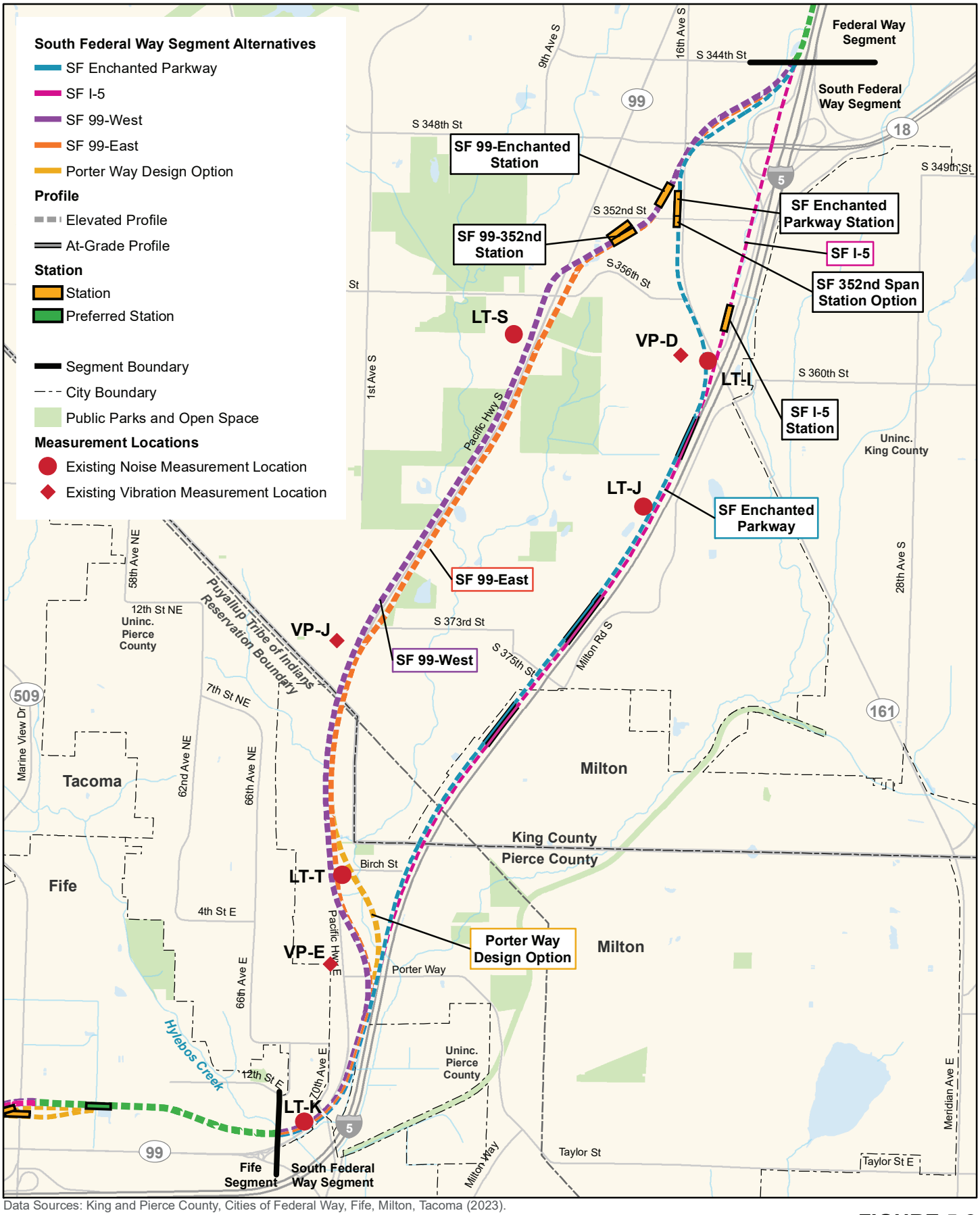

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 5-2

Existing Noise and Vibration Measurement Locations
South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

5.2.3 Fife Segment Noise Measurement Results

Table 5-3 summarizes the results of the existing noise measurement program for the Fife Segment, and Figure 5-3 shows the locations of the six long-term and one short-term noise measurements for the Fife Segment. The results of the existing noise measurements were used to characterize the existing noise levels at all noise-sensitive locations in the Fife Segment.

Site LT-L: Restaurant Depot, 6130 12th Street E. The Ldn measured at this location was 64 dBA, and the measured peak hour Leq was 56 dBA. This location is representative of the single-family homes between 68th Avenue E (the segment boundary) and 54th Avenue E. The ambient noise levels were dominated by local traffic.

Site LT-M: Chateau Rainier Apartments North, 4600 16th Street E. The Ldn measured at this location was 65 dBA, and the measured peak hour Leq was 61 dBA. This location is representative of the Fife Motel and single- and multi-family homes between 54th Avenue E and Alexander Avenue E. The ambient noise levels were dominated by traffic on Pacific Highway E.

Site LT-N: Chateau Rainier Apartments South, 4600 16th Street E. The Ldn measured at this location was 77 dBA, and the measured peak hour Leq was 67 dBA. This location is representative of the multi-family homes on the south side of the Chateau Rainier Apartments close to I-5. The ambient noise levels were dominated by traffic on I-5.

Site LT-O: 3812 Pacific Highway E. The Ldn measured at this location was 69 dBA, and the measured peak hour Leq was 65 dBA. This location is representative of hotels and single-family homes between Alexander Avenue and 34th Avenue E. The ambient noise levels were dominated by traffic on Pacific Highway E and I-5.

Site LT-P: Poulsbo RV, 2950 Pacific Highway E. The Ldn measured at this location was 76 dBA, and the measured peak hour Leq was 72 dBA. This location is representative of hotels between 34th Avenue E and the Puyallup River. The ambient noise levels were dominated by traffic on I-5.

Site ST-A: 3700 Pacific Highway E. The peak hour Leq measured at this location was 64 dBA. This location is representative of the ambient noise at the Puyallup Tribe Integrative Medicine facility. The ambient noise levels were dominated by traffic on I-5.

Table 5-3 Summary of Existing Ambient Noise Measurements Results for the Fife Segment

Site No.	Measurement Location Description	Start Date	Start Time	Meas. Duration (hours)	Noise Exposure (dBA) Ldn	Noise Exposure (dBA) 1 Hour Leq
LT-L	Restaurant Depot, 6130 12th Street E, Fife	3/16/2020	11:00	24	64	56
LT-M	Chateau Rainier Apartments North, 4600 16th Street E, Fife	3/16/2020	12:00	24	65	61
LT-N	Chateau Rainier Apartments South, 4600 16th Street E, Fife	3/16/2020	12:00	24	77	67
LT-O	3812 Pacific Highway E, Fife	3/16/2020	13:00	24	69	65
LT-P	Poulsbo RV, 2950 Pacific Highway E, Fife	3/17/2020	15:00	24	76	72
ST-A	3700 Pacific Highway E, Fife	3/17/2020	17:12	1	–	64

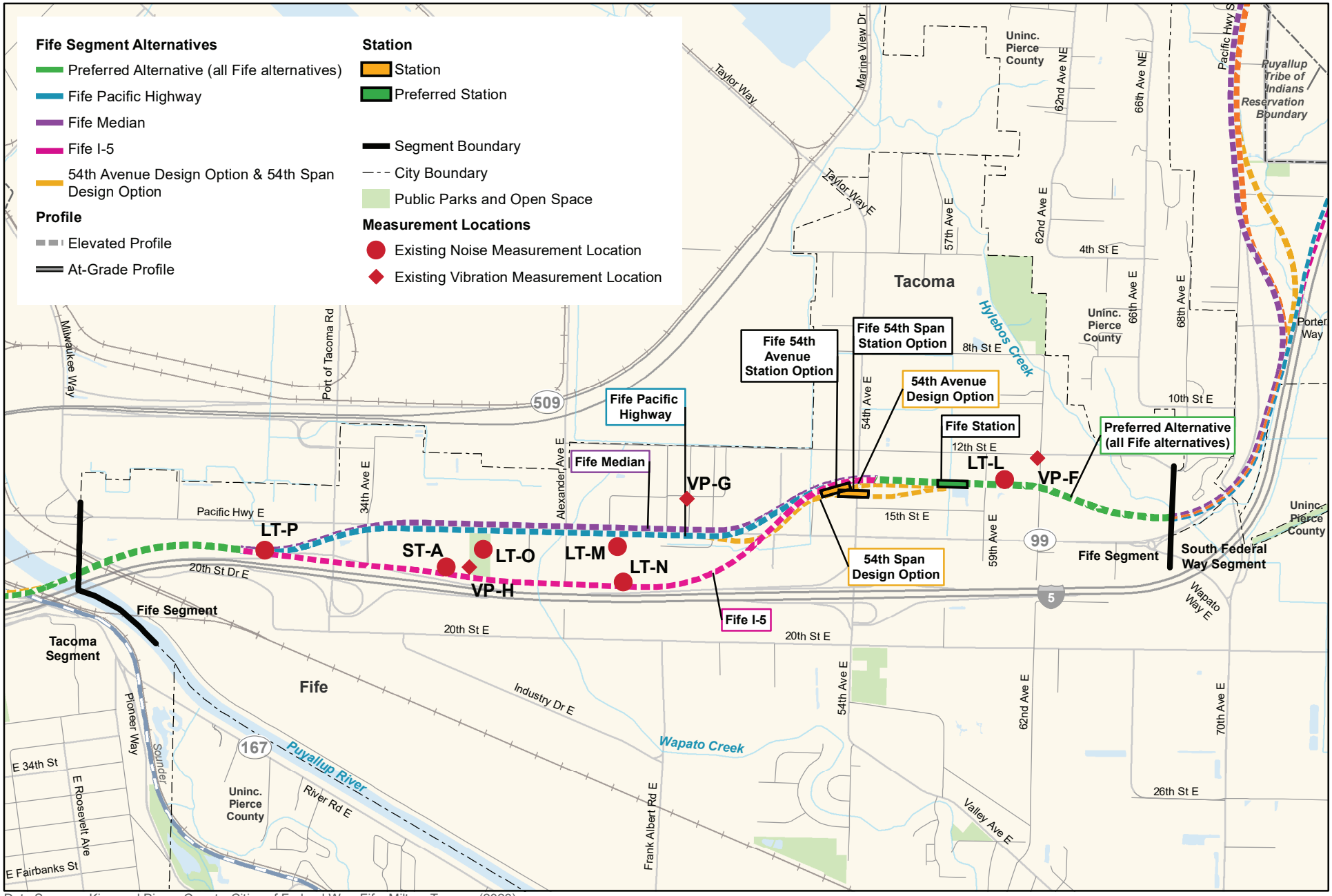

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 5-3

Existing Noise and Vibration Measurement Locations
Fife Segment

Tacoma Dome Link Extension

5.2.4 Tacoma Segment Noise Measurement Results

Table 5-4 summarizes the results of the existing noise measurement program for the Tacoma Segment, and Figure 5-4 shows the locations of the two noise measurements for the Tacoma Segment. The results of the existing noise measurements were used to characterize the existing noise levels at all noise-sensitive locations in the Tacoma Segment.

Site LT-Q: 1121 26th Street E. The Ldn measured at this location was 64 dBA, and the measured peak hour Leq was 61 dBA. This location is representative of hotels and single-family homes between the Puyallup River and East G Street. The ambient noise levels were dominated by traffic on local roads.

Site LT-R: 2611 East E Street. The Ldn measured at this location was 67 dBA, and the measured peak hour Leq was 63 dBA. This location is representative of the noise levels at the Best Western Plus close to the Tacoma Dome. The ambient noise levels were dominated by traffic on local roads and I-5.

Table 5-4 Summary of Existing Ambient Noise Measurements Results for the Tacoma Segment

Site No.	Measurement Location Description	Start Date	Start Time	Meas. Duration (hours)	Noise Exposure (dBA) Ldn	Noise Exposure (dBA) 1 Hour Leq
LT-Q	1121 26th Street E, Tacoma	3/17/2020	15:00	24	64	61
LT-R	2611 East E Street, Tacoma	3/17/2020	15:00	24	67	63

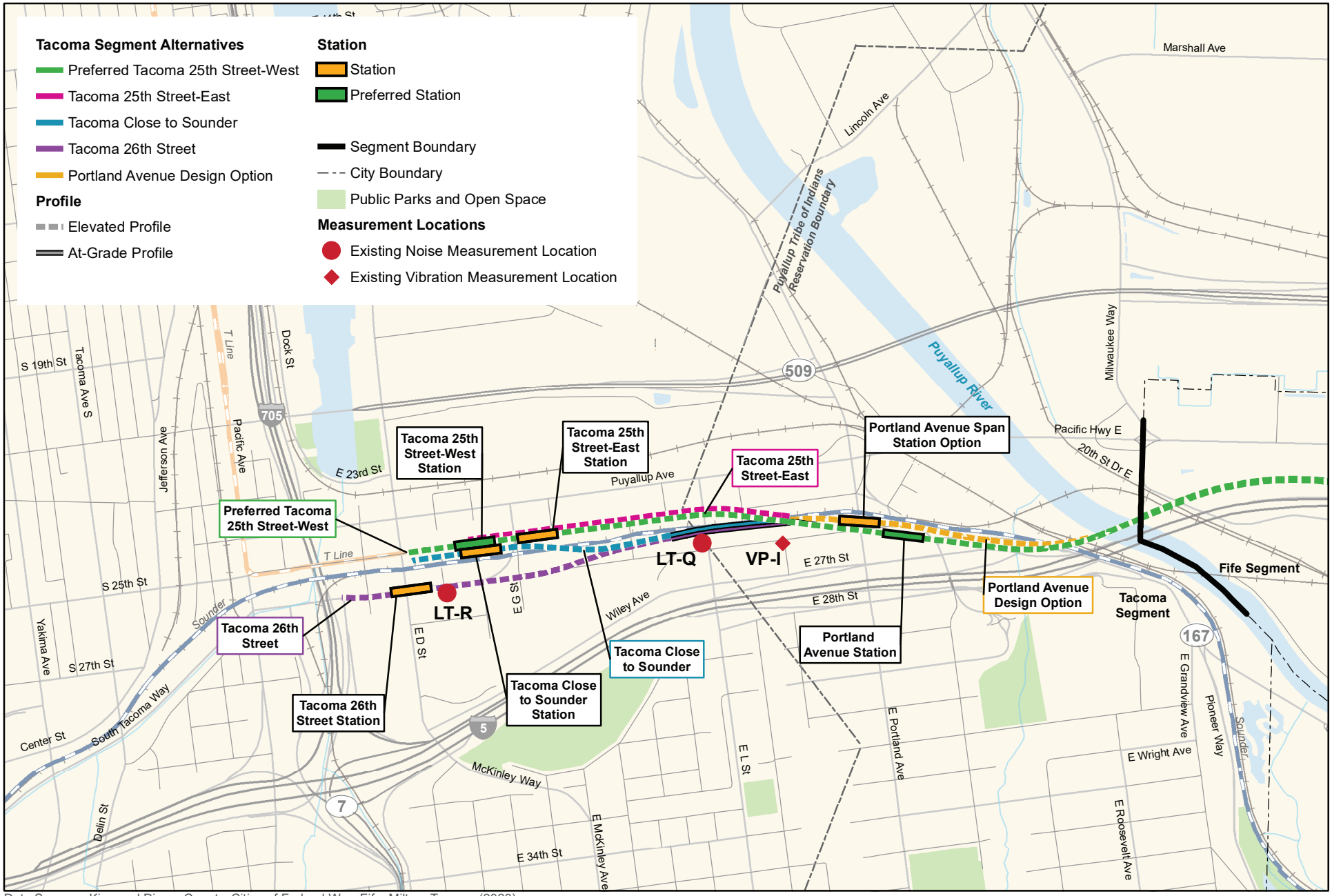

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 5-4

Existing Noise and Vibration Measurement Locations
Tacoma Segment

Tacoma Dome Link Extension

5.3 Existing Vibration Conditions

Vibration-sensitive land use for the project alternatives is the same as the noise-sensitive land use described above. Existing vibration sources along the project alignments include auto, bus, and truck traffic on local streets. However, vibrations from street traffic are not generally perceptible at receivers in the study area unless streets have substantial bumps, potholes, or other uneven surfaces. Furthermore, the FTA vibration impact criteria are not ambient based; that is, future project vibrations are not compared with existing vibrations to assess impact. Therefore, the vibration measurements for the project, as described in Section 3.2.2, focused on characterizing the soil conditions along the mainline track rather than on characterizing the existing vibration levels as described below.

5.3.1 Federal Way Segment Vibration Measurement Results

Three vibration propagation test sites were selected for the 2019 and 2020 measurements for the Federal Way Segment. The test sites were all located near vibration sensitive receptors within the segment to characterize the ground response at these locations. The locations of the sites are shown on Figure 5-1, site photographs are included in Attachment C, and detailed propagation information is included in Attachment D. Figure 5-5 shows the results of the vibration propagation tests at 100 feet for each of the test sites in the Federal Way Segment.

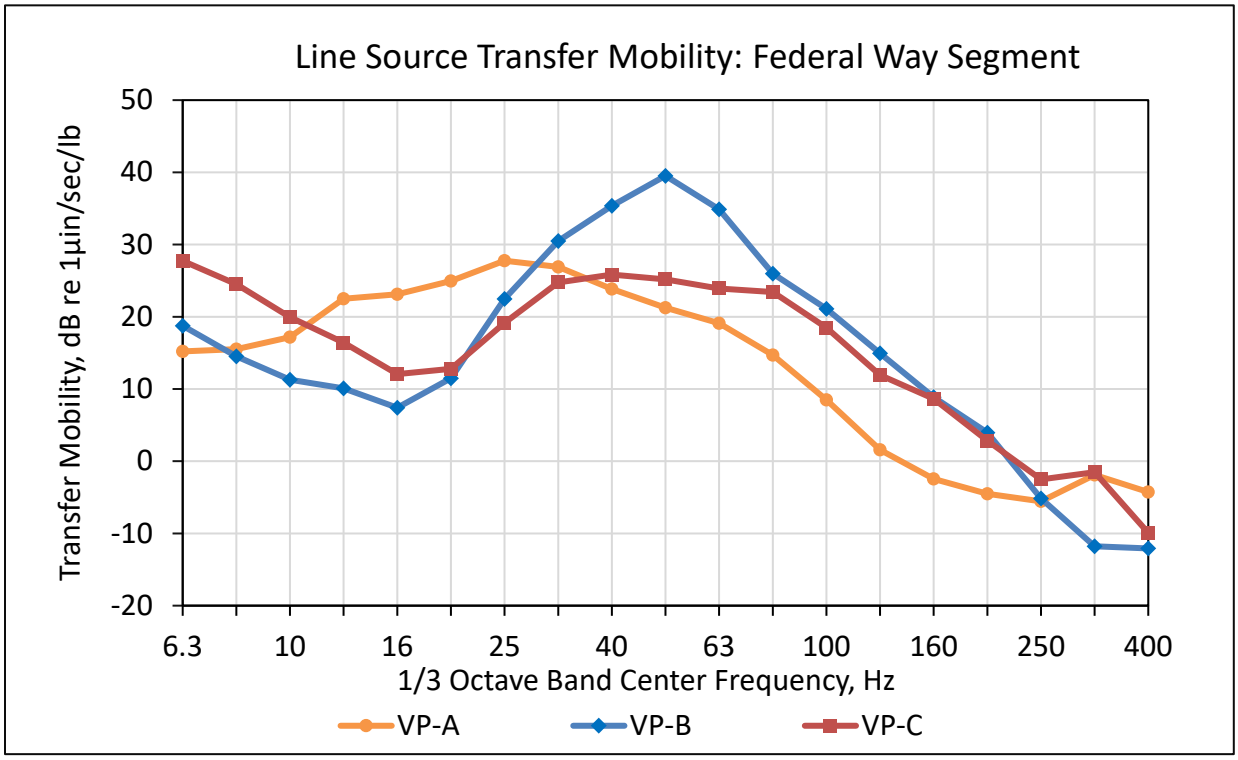

Figure 5-5 Federal Way Segment Vibration Measurement Results

Site VP-A: Belmor Mobile Home Park. The vibration propagation measurement at this location was conducted in Belmor. This site is used to represent the vibration at the mobile homes in this community.

Site VP-B: Cedar Grove Park. The vibration propagation measurement at this location was conducted in the Cedar Grove Park off S 333rd Street. This site is used to represent the vibration from S 330th Street to S 336th Street.

Site VP-C: S 344th Street and 18th Place S. The vibration propagation measurement at this location was conducted at the corner of S 344th Street and 18th Place S. This site is used to represent the vibration from S 336th Street to S 344th Street.

5.3.2 South Federal Way Segment Vibration Measurement Results

Two vibration propagation test sites were selected for the 2019, 2020, and 2023 measurements for the South Federal Way Segment. The test sites were all located near vibration sensitive receptors within the segment to characterize the ground response at these locations. The locations of the sites are shown on Figure 5-2, site photographs are included in Attachment C, and detailed propagation information is included in Attachment D. Figure 5-6 shows the results of the vibration propagation tests at 100 feet for each of the test sites in the South Federal Way Segment.

Site VP-D: 16th Avenue S and S 359th Street. The vibration propagation measurement at this location was conducted on the corner of 16th Avenue S and S 359th Street. This site is used to represent the vibration from S 356th Street to S 376th Street.

Site VP-E: 5th Street Court E and 70th Avenue E. The vibration propagation measurement at this location was conducted on the corner of 5th Street Court E and 70th Avenue E in Milton. This site is used to represent the vibration from the King County line to 68th Avenue E (near the segment boundary).

Site VP-J: 1st Avenue SW and SW 374th Street. The vibration propagation measurement at this location was conducted on the corner of 1st Avenue SW and SW 374th Street. This site is used to represent the vibration along Pacific Highway between S 356th Street and Birch Street.

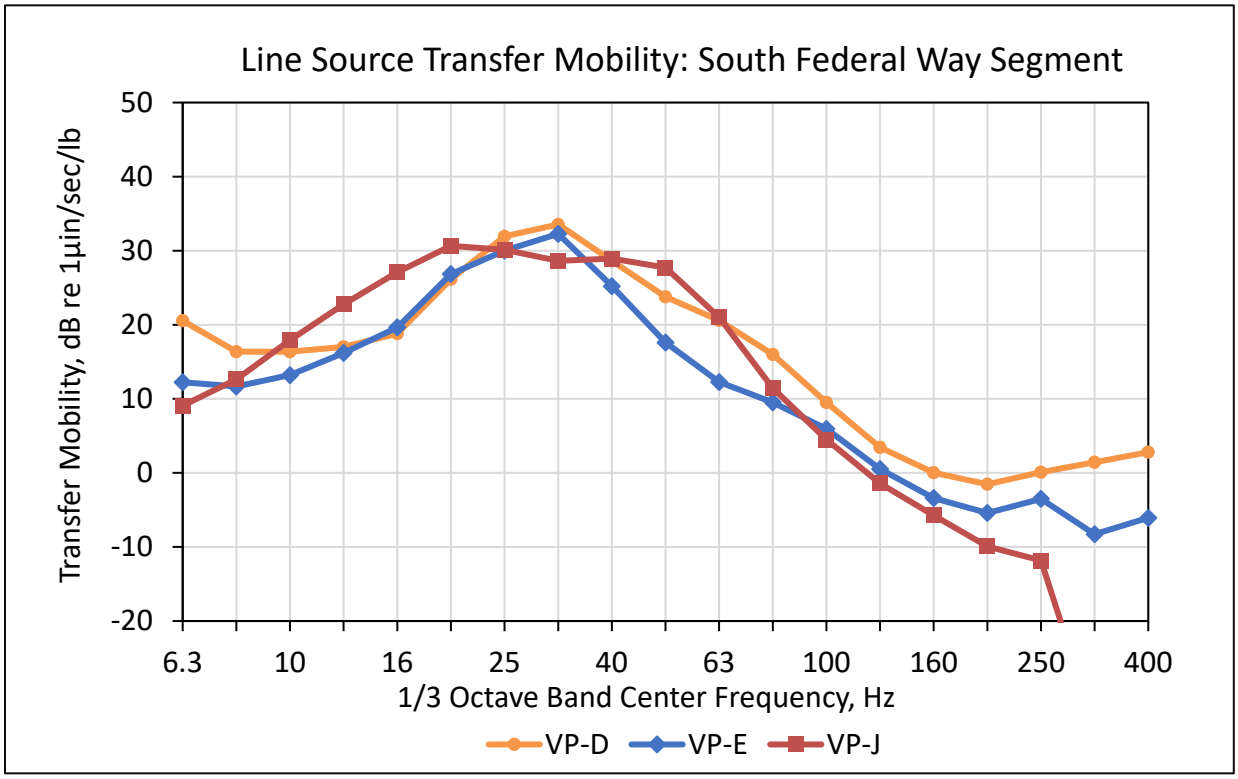

Figure 5-6 South Federal Way Segment Vibration Measurement Results

5.3.3 Fife Segment Vibration Measurement Results

Three vibration propagation test sites were selected for the 2020 measurements for the Fife Segment. The test sites were all located near vibration sensitive receptors within the segment to characterize the ground response at these locations. The locations of the sites are shown on Figure 5-3, site photographs are included in Attachment C, and detailed propagation information is included in Attachment D. Attachment D contains both LSTM and PSTM data for Fife. Only the PSTM data were included in the assessment of vibration in Fife, but the LSTM data are presented as reference. Figure 5-7 shows the results of the vibration propagation tests at 100 feet for each of the test sites in the Fife Segment. The transfer mobility results for Fife are point source transfer mobilities (PSTM), which should only be used with the elevated structure force density described in Section 3.2.1.

Site VP-F: 62nd Avenue E and 12th Street E. The vibration propagation measurement at this location was conducted on the corner of 62nd Avenue E and 12th Street E. This site is used to represent the vibration from 68th Avenue E (the segment boundary) to 54th Avenue E.

Site VP-G: 15th Street E and 47th Avenue E. The vibration propagation measurement at this location was conducted on the corner of 15th Street E and 47th Avenue E. This site is used to represent the vibration from 54th Avenue E to Alexander Avenue E.

Site VP-H: Puyallup Tribe Integrative Medicine. The vibration propagation measurement at this location was conducted in the south parking lot of the Puyallup Tribe Integrative Medicine facility. This site is used to represent the vibration from Alexander Avenue E to the Puyallup River and at the medical facility that includes the Salish Cancer Center.

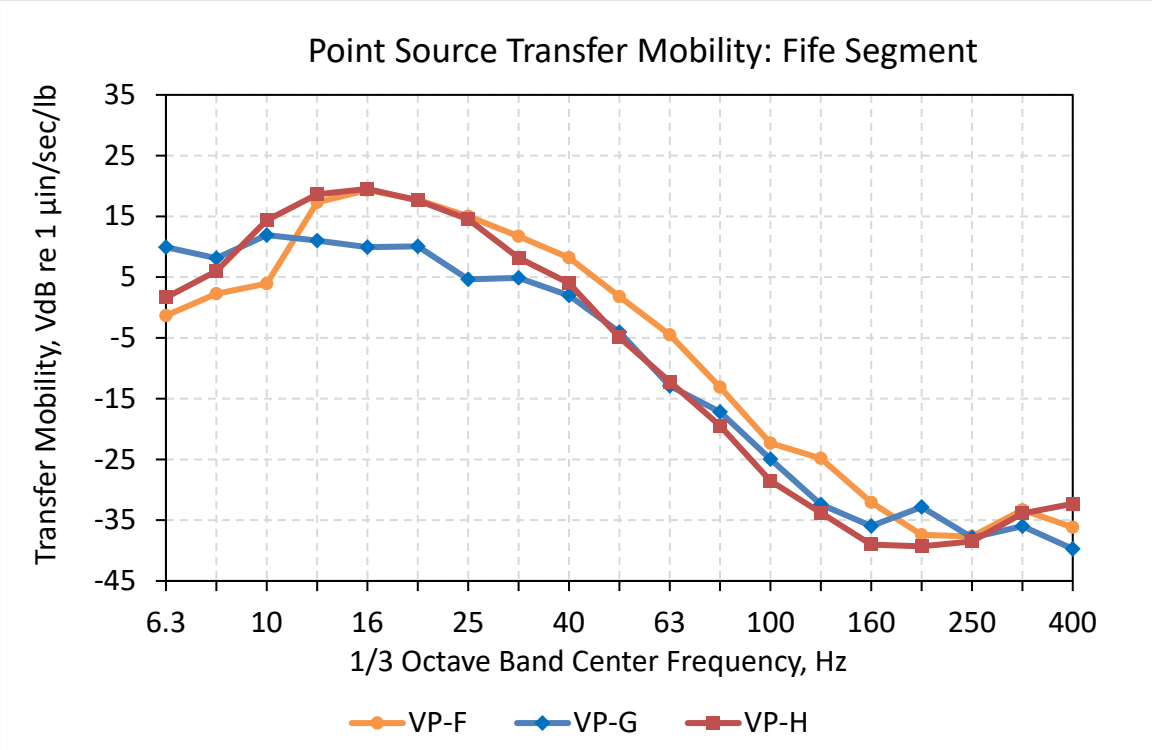

Figure 5-7 Fife Segment Vibration Measurement Results

5.3.4 Tacoma Segment Vibration Measurement Results

One vibration propagation test site was selected for the 2020 measurements for the Tacoma Segment. The test site was located near vibration sensitive receptors within the segment to characterize the ground response at these locations. The location of the site is shown on Figure 5-4, a site photograph is included in Attachment C, and detailed propagation information is included in Attachment D. Figure 5-8 shows the results of the vibration propagation test at 100 feet for the test site in the Tacoma Segment.

Site VP-I: East N Street and E 26th Street. The vibration propagation measurement at this location was conducted on the corner of East N Street and E 26th Street. This site is used to represent the vibration west of the Puyallup River.

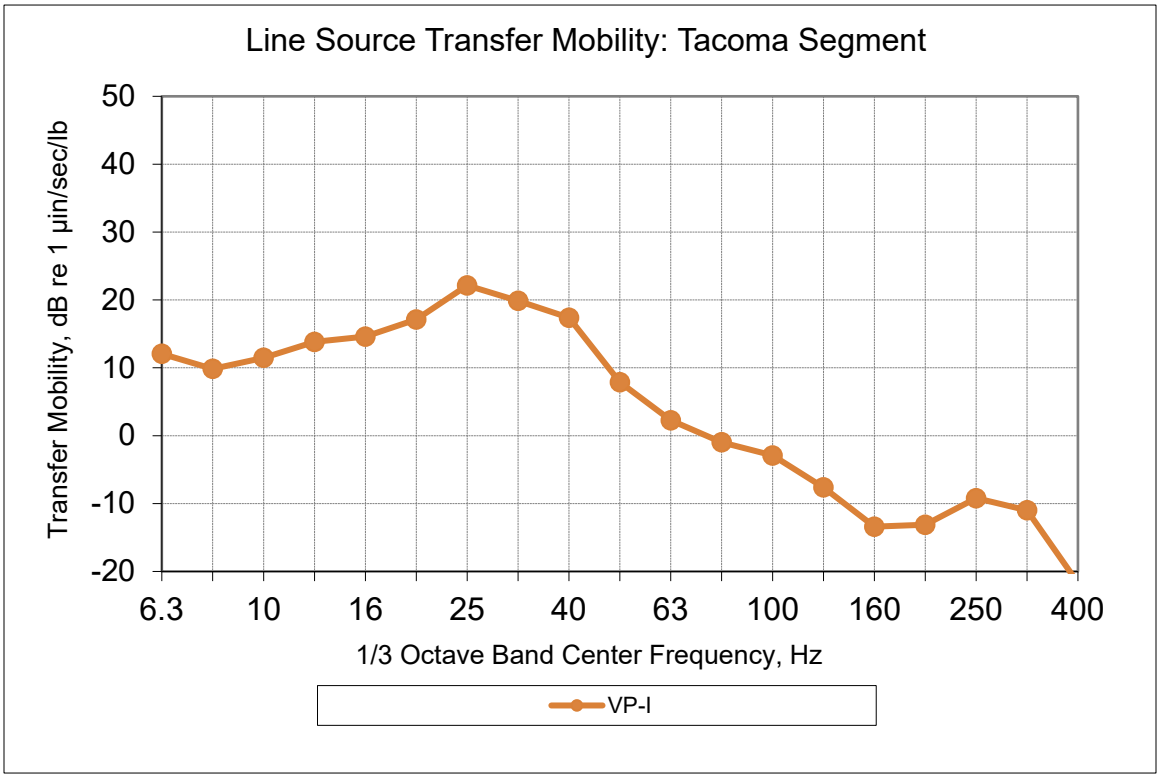

Figure 5-8 Tacoma Segment Vibration Measurement Results

6 IMPACT ASSESSMENT

Detailed noise and vibration impact assessments were performed based on the criteria discussed in Section 4 and the prediction methodology described in Section 3. The assessment results are presented in this section. The FTA guidance manual is the primary source for the noise methodology. The noise and vibration impact assessment included the following steps:

- Noise- and vibration-sensitive land uses were identified using aerial photography, GIS data, and field surveys. See Section 5.1.
- Existing noise levels along the corridor were measured at sensitive receptors. See Section 5.2.
- Vibration-propagation characteristics of the soil along the corridor were measured near representative sensitive receptors. See Section 5.3.
- Project noise and vibration levels from transit operations were predicted using project drawings and information on speeds, headways, track type, and vehicle type.
- The noise impact from transit operations was assessed by comparing the project noise with the existing noise (not the No-Build Alternative noise) using the FTA noise impact criteria. See Figure 4-1.
- For the two park-and-ride facilities, the noise levels were compared to the WAC criteria to determine the potential for any noise impacts.
- The vibration impact from transit operations was assessed by comparing the project vibration levels with the FTA vibration impact criteria in Figure 4-3.
- Mitigation was recommended at locations where project noise or vibration levels exceed the impact criteria.
- Wheel squeal for tight radius curves is not included in the noise model because Sound Transit has committed to reducing any potential wheel squeal by installing wayside lubricators on all curves in noise-sensitive areas with a radius of less than 600 feet and by preparing all curves for wayside lubricators that have a radius of between 600 and 1,000 feet, including those in the Operations and Maintenance Facility South (OMF South). There are no curves with a radius of less than 600 feet. Curves with a radius between 600 and 1,000 feet are discussed below.

6.1 No-Build Alternative

The No-Build Alternative would not result in any noise or vibration impacts. There would likely be increases in highway and local roadway noise due to increased traffic volumes. FWLE, located directly to the north of TDLE, and OMF South are assumed to be constructed under the No-Build Alternative. There are no sensitive receptors in the TDLE corridor that would be affected by FWLE. The planned OMF South project, currently under evaluation in a separate EIS, would increase noise levels at a few receivers near the S 336th Street (preferred) and S 344th Street alternatives if either of those sites is selected. There would also be a few noise impacts in the Belmor community due to the OMF South mainline track. Those impacts, which are a subset of the noise impacts identified for TDLE build alternatives, occur along the guideway south of the Federal Way Downtown Station, where either of the two Federal Way sites would connect to OMF South.

6.2 Build Alternatives Noise Impact Assessment

A summary of the noise measurement results by segment is included below, detailed information by parcel is included in Attachment E, Detailed Noise Assessment Results.

6.2.1 Federal Way Segment

Comparisons of the existing and project noise levels are presented for the Preferred FW Enchanted Parkway Alternative and the FW Design Option in Tables 6-1 and 6-2, respectively. Both tables include the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Preferred FW Enchanted Parkway Alternative. There are no FTA Category 1 (high sensitivity) or 3 (institutional) receptors for the Preferred FW Enchanted Parkway Alternative or the FW Design Option. The curves north of S 324th Street, from S 324th Street to Oakland Hills Boulevard and across S 348th Street, would have a radius of 900 to 1,800 feet and would be prepared for wayside lubricators. In addition to the distances to the nearest track, Tables 6-1 and 6-2 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Preferred FW Enchanted Parkway Alternative and the FW Design Option. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-1 Summary of FTA Category 2 Noise Impacts for the Preferred FW Enchanted Parkway Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts[1]	# of Severe Impacts[1]
S 324th Street to Merion Way [2]	SB	80	70	65	64	69	4	0
Merion Way to S 328th Place [2]	SB	104	70	63	64	69	0	0
S 328th Place to S 330th Street [2]	SB	123	70	59	64	69	0	0
S 330th Street to S 333rd Street	SB	81	72	61	65	71	0	0
S 333rd Street to S 336th Street	SB	197	72	67	65	71	21	0
Total							**25**	**0**

Note:

NB – northbound SB – southbound

(1) The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

(2) Includes impacts to the Belmor community between S 324th Street and S 330th Street.

Table 6-2 Summary of FTA Category 2 Noise Impacts for the FW Design Option

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts[1]	# of Severe Impacts[1]
S 324th Street to Merion Way[2]	SB	69	65	67	61	66	16	2
Merion Way to S 328th Place[2]	SB	57	70	68	64	69	3	0
S 328th Place to S 330th Street[2]	SB	134	70	58	64	69	0	0
S 330th Street to S 333rd Street	SB	81	72	61	65	71	0	0
S 333rd Street to S 336th Street	SB	197	72	67	65	71	21	0
Total Design Option							**40**	**2**

Notes:

(1) The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

(2) Includes impacts to the Belmor community between S 324th Street and S 330th Street.

The noise impacts along the Federal Way Segment are projected to occur at single- and multi-family residences and are due to the proximity to the proposed tracks and nearby crossovers. The noise impact locations are shown in Figure 6-1 for the Preferred FW Enchanted Parkway Alternative and Figure 6-2 for the FW Design Option. Four moderate noise impacts occur at residences in Belmor. Impacts at this location would increase to 19 moderate and two severe noise impacts at residences with the FW Design Option. These impacts are due to the proximity of the proposed tracks and the elevated structure. Both alternatives have the same number of impacts between S 330th Street and S 344th Street with 21 moderate impacts at multi-family residences. The impacts at this location are due to the crossover associated with the pocket track and the proximity of the alignment to the multi-family residences.

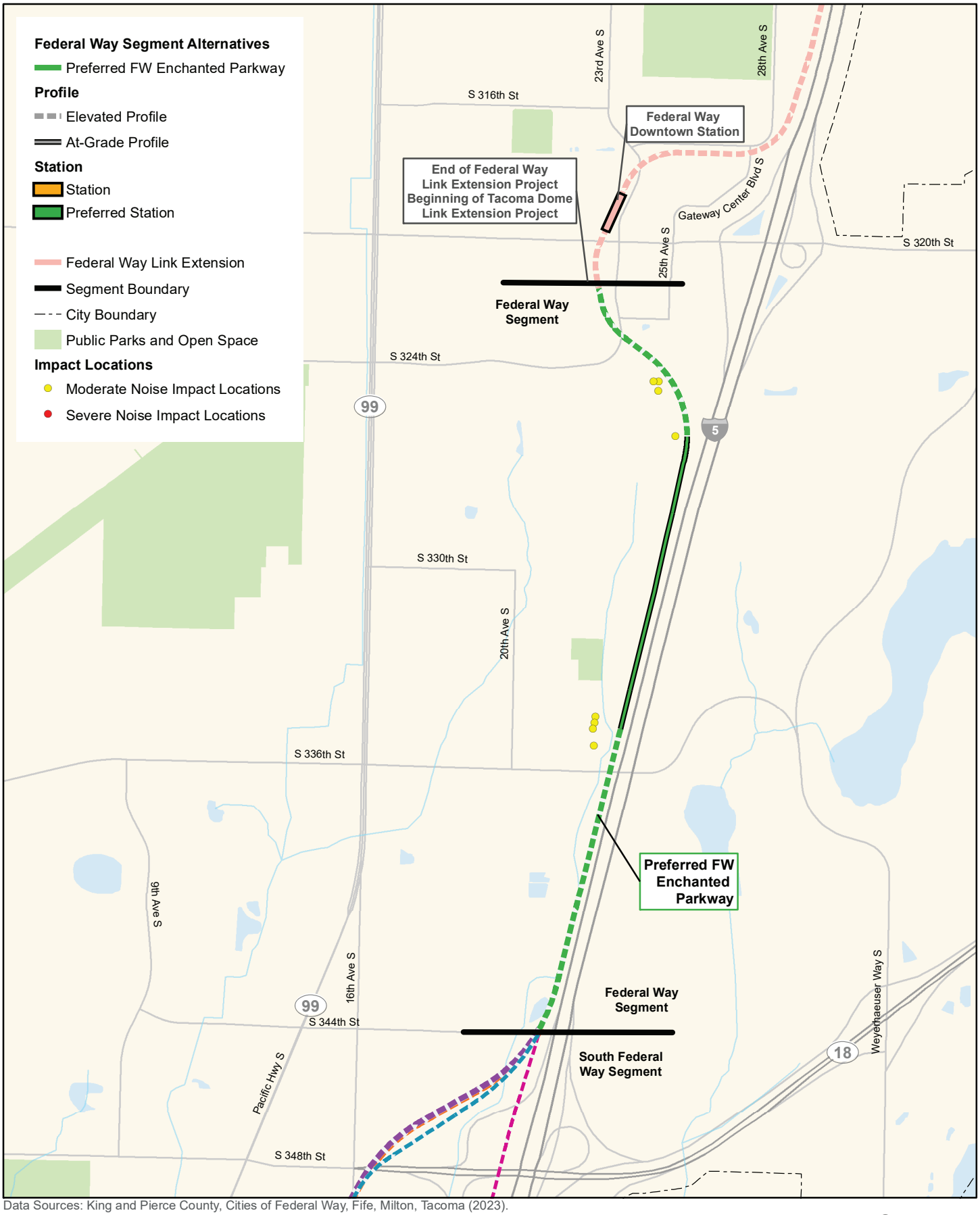

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-1
Noise Impact Locations
Preferred Alternative
Federal Way Segment

Tacoma Dome Link Extension

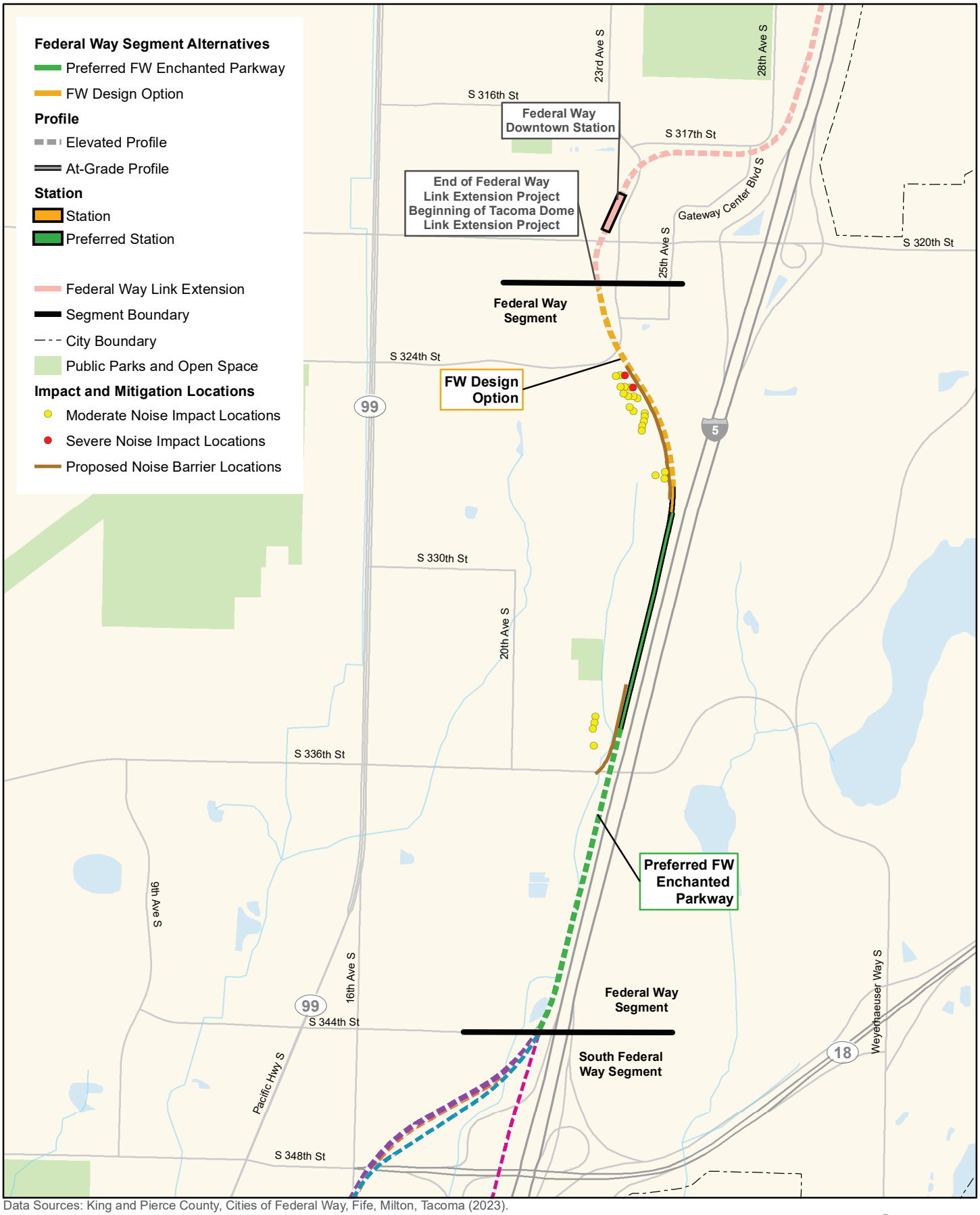

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-2
Noise Impact Locations
FW Design Option
Federal Way Segment

Tacoma Dome Link Extension

6.2.2 South Federal Way Segment

Comparisons of the existing and project noise levels are presented for the SF Enchanted Parkway Alternative in Table 6-3. Table 6-3 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the SF Enchanted Parkway Alternative. There are no FTA Category 1 (high sensitivity) or 3 (institutional) receptors for the SF Enchanted Parkway Alternative. In addition to the distances to the nearest track, Table 6-3 includes the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the SF Enchanted Parkway Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-3 Summary of FTA Category 2 Noise Impacts for the SF Enchanted Parkway Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts[1]	# of Severe Impacts[1]
S 356th Street to S 359th Street[2]	SB	48	73	78	65	71	64	76
S 359th Street to S 364th Way	SB	84	73	69	65	71	1	0
11th Place S to S 372nd Way	SB	146	73	65	65	71	1	0
S 372nd Way to S 376th Street	SB	121	73	67	65	71	1	0
King-Pierce County Line to Comet Street (near Birch Street)	NB	323	73	61	65	71	0	0
Comet Street to Porter Way	NB	282	73	61	65	71	0	0
Porter Way to 10th Street E	SB	82	73	69	65	71	1	0
10th Street to 68th Avenue E (segment boundary)	SB	69	73	68	65	71	6	0
Total							**74**	**76**

Notes:

(1) The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

(2) Includes impact at the CrossPointe Apartments.

The noise impacts along the SF Enchanted Parkway Alternative are projected to occur at the Telecare Pierce County Evaluation & Treatment Center and single- and multi-family residences and are due to the proximity to the proposed tracks. There are 74 moderate and 76 severe noise impacts projected to occur along the SF Enchanted Parkway Alternative. The majority of the impacts would occur at the CrossPointe Apartments. The noise impact locations are shown in Figure 6-3.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-3
Noise Impact Locations
SF Enchanted Parkway Alternative
South Federal Way Segment

Tacoma Dome Link Extension

Comparisons of the existing and project noise levels are presented in Table 6-4 for the SF I-5 Alternative. Table 6-4 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the SF I-5 Alternative. There are no FTA Category 1 (high sensitivity) or 3 (institutional) receptors for this alternative.

In addition to the distances to the nearest track, Table 6-4 includes the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the SF I-5 Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-4 Summary of FTA Category 2 Noise Impacts for the SF I-5 Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts[1]	# of Severe Impacts [1]
S 356th Street to S 359th Street	SB	298	73	61	65	71	0	0
S 359th Street to S 364th Way	SB	227	73	63	65	71	0	0
11th Place S to S 372nd Way	SB	146	73	65	65	71	1	0
S 372nd Way to S 376th Street	SB	121	73	67	65	71	1	0
King-Pierce County Line to Comet Street (near Birch Street)	NB	323	73	61	65	71	0	0
Comet Street to Porter Way	NB	282	73	61	65	71	0	0
Porter Way to 10th Street E	SB	82	73	69	65	71	1	0
10th Street E to 68th Avenue E (segment boundary)	SB	69	73	68	65	71	6	0
Total							**9**	**0**

Notes:

(1) The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

The noise impacts for the SF I-5 Alternative are projected to occur at the Telecare Pierce County Evaluation & Treatment Center and single-family residences and are due to the proximity to the proposed tracks. The noise impact locations are shown in Figure 6-4 for the SF I-5 Alternative. Nine moderate noise impacts are predicted.

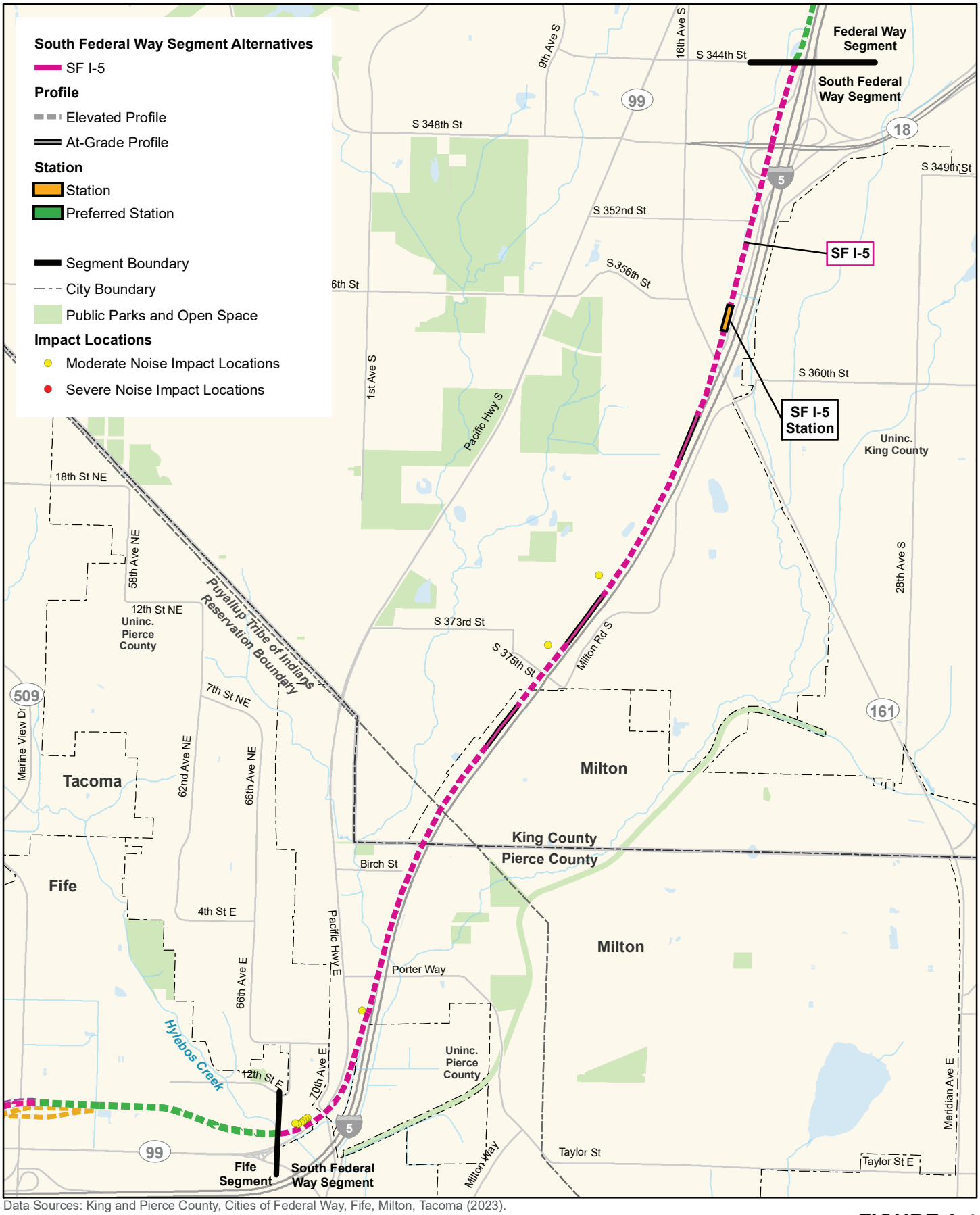

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-4
Noise Impact Locations
SF I-5 Alternative
South Federal Way Segment

Tacoma Dome Link Extension

Comparisons of the existing and project noise levels are presented in Tables 6-5 and 6-6 for the SF 99-West Alternative and SF 99-West Alternative with Porter Way Design Option. Table 6-5 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise. Table 6-6 includes the results for FTA Category 3 (institutional) receptors for this alternative. There are no FTA Category 1 (high sensitivity) receptors along the SF 99-West Alternative.

In addition to the distances to the nearest track, Tables 6-5 and 6-6 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the SF 99-West Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-5 Summary of FTA Category 2 Noise Impacts for the SF 99-West Alternative and SF 99-West Alternative with the Porter Way Design Option

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts[1]	# of Severe Impacts[1]
S 344th Street to S 346th Street	NB	64	73	66	65	71	1	0
S 359th Street to S 364th Way	SB	124	68	66	63	68	1	0
S 364th Street to S 373rd Street	NB	181	68	64	63	68	3	0
S 364th Street to S 373rd Street	SB	196	68	64	63	68	1	0
S 373rd Street to Johnson Road	NB	129	68	66	63	68	2	0
S 373rd Street to Johnson Road	SB	64	68	70	63	68	3	3
Johnson Road to Porter Way	NB	197	68	59	63	68	0	0
Johnson Road to Porter Way	SB	58	68	71	63	68	3	1
Johnson Road to Porter Way (Design Option)	SB	165	68	65	63	68	1	0
Porter Way to 10th Street E	SB	96	73	68	65	71	1	0
Porter Way to 10th Street E (Design Option)	SB	90	73	68	65	71	1	0
10th Street E to 68th Avenue E (segment boundary)	SB	69	73	68	65	71	6	0
Total SF 99-West							**21**	**4**
Total SF 99-West with Porter Way Design Option							**19**	**3**

Notes:

(1) The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

Table 6-6 Summary of FTA Category 3 Noise Impacts for the SF 99-West Alternative[1]

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Montessori Academy at Spring Valley	SB	107	65	66	66	71	1	0
Giac Vien Pagoda	SB	117	65	65	66	71	0	0
Gethsemane Cemetery	NB	135	65	64	66	71	0	0
Total							**1**	**0**

Notes:

(1) There are no differences in Category 3 noise impacts with the Porter Way Design Option.

The noise impacts for the SF 99-West Alternative are projected to occur at the future King County emergency shelter, Daffodil Motel, Montessori Academy at Spring Valley, Telecare Pierce County Evaluation & Treatment Center, and single- and multi-family residences and are due to the proximity to the proposed tracks, track elevation, and train speed. The noise impact locations are shown in Figure 6-5 for the SF 99-West Alternative and in Figure 6-6 for the SF 99-West Alternative with Porter Way Design Option. The SF 99-West Alternative is predicted to have 22 moderate noise impacts and four severe noise impacts (including Montessori Academy at Spring Valley). The SF 99-West with the Porter Way Design Option is predicted to have 20 moderate noise impacts and three severe noise impacts (including Montessori Academy at Spring Valley). The difference in noise impacts is between Johnson Road and Porter Way, where the Porter Way Design Option curves further east toward I-5.

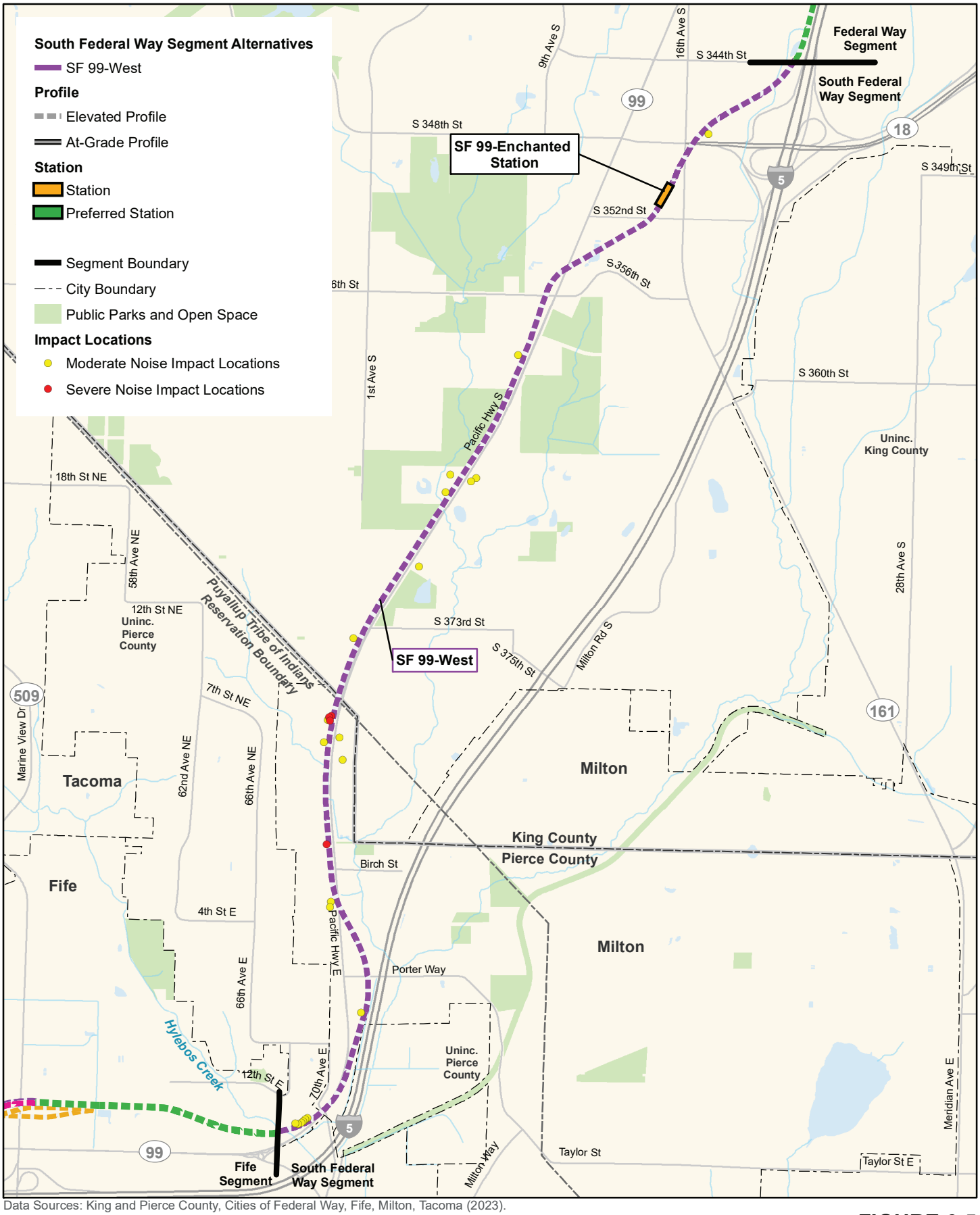

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 6-5
Noise Impact Locations
SF 99-West Alternative
South Federal Way Segment

Tacoma Dome Link Extension

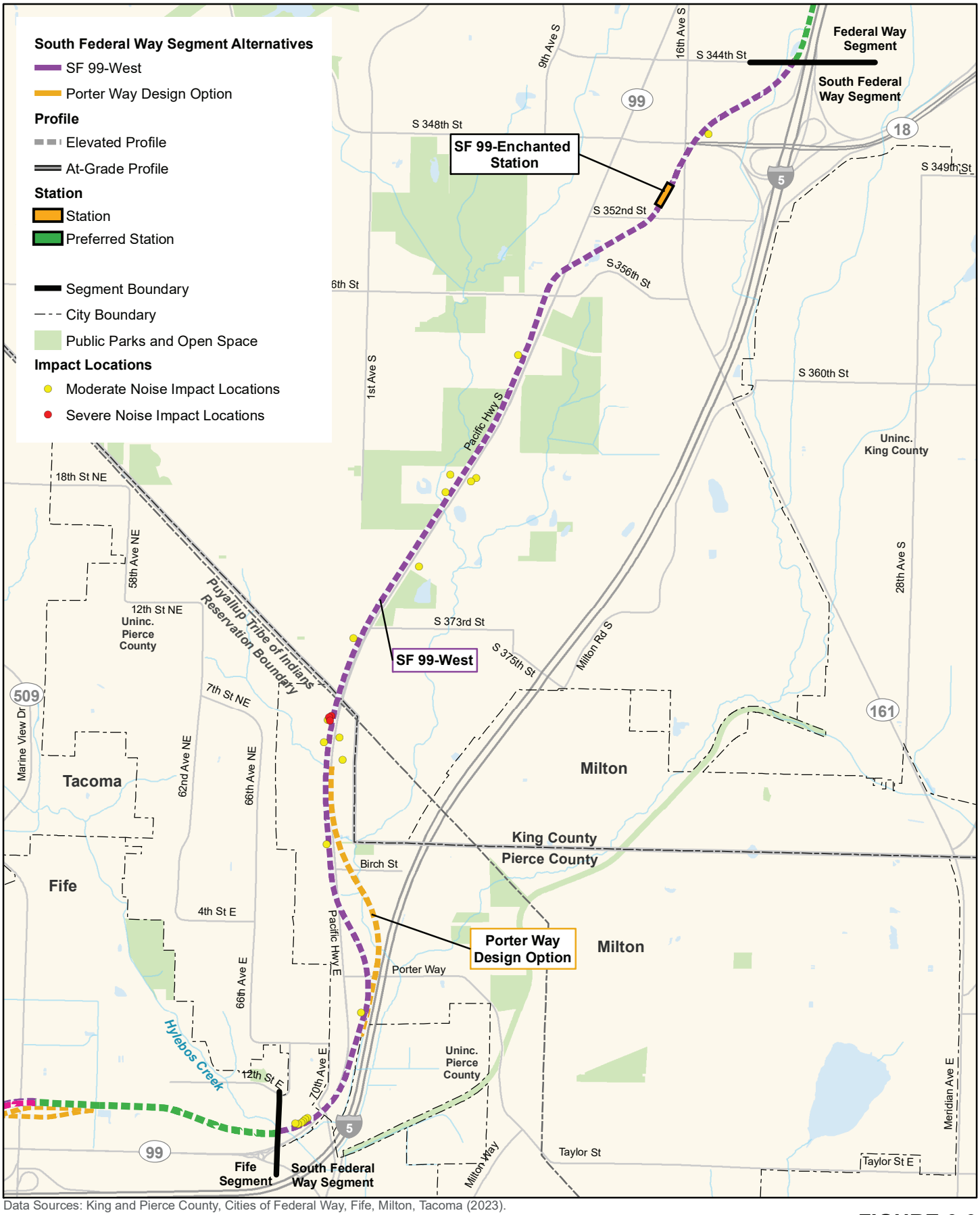

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-6
Noise Impact Locations
SF 99-West Alternative with Porter Way Design Option
South Federal Way Segment

Tacoma Dome Link Extension

Comparisons of the existing and project noise levels are presented in Tables 6-7 and 6-8 for the SF 99-East Alternative and SF 99-East Alternative with Porter Way Design Option. Table 6-7 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise. Table 6-8 includes the results for FTA Category 3 (institutional) receptors for this alternative. There are no FTA Category 1 (high sensitivity) receptors along the SF 99-East Alternative.

In addition to the distances to the nearest track, Tables 6-7 and 6-8 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the SF 99-East Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-7 Summary of FTA Category 2 Noise Impacts for the SF 99-East Alternative and SF 99-East Alternative with the Porter Way Design Option

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts[1]	# of Severe Impacts[1]
S 344th Street to S 346th Street	NB	62	73	66	65	71	1	0
S 359th Street to S 364th Way	SB	243	68	62	63	68	0	0
S 364th Street to S 373rd Street	NB	67	68	70	63	68	0	2
S 364th Street to S 373rd Street	SB	164	68	65	63	68	1	0
S 373rd Street to Johnson Road	NB	72	68	70	63	68	1	1
S 373rd Street to Johnson Road	SB	115	68	67	63	68	8	0
Johnson Road to Porter Way	NB	150	68	61	63	68	0	0
Johnson Road to Porter Way	SB	114	68	67	63	68	4	0
Johnson Road to Porter Way (Design Option)	SB	190	68	64	63	68	1	0
Porter Way to 10th Street E	SB	96	73	68	65	71	1	0
Porter Way to 10th Street E (Design Option)	SB	90	73	68	65	71	1	0
10th Street E to 68th Avenue East (segment boundary)	SB	69	73	68	65	71	6	0
Total SF 99-East							**22**	**3**
Total SF 99-East with Porter Way Design Option							**19**	**3**

Notes:

(1) The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

Table 6-8 Summary of FTA Category 3 Noise Impacts for the SF 99-East Alternative[1]

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Montessori Academy at Spring Valley	SB	221	65	61	66	71	0	0
Giac Vien Pagoda	SB	231	65	61	66	71	0	0
Gethsemane Cemetery	NB	79	65	67	66	71	1	0
Total							**1**	**0**

Notes:
(1) There are no differences in Category 3 noise impacts with the Porter Way Design Option.

The noise impacts for the SF 99-East Alternative are projected to occur at the future King County emergency shelter (former Red Lion Inn & Suites), Daffodil Motel, Gethsemane Cemetery, Telecare Pierce County Evaluation & Treatment Center, and single- and multi-family residences and are due to the proximity to the proposed tracks, track elevation, and train speed. The noise impact locations are shown in Figure 6-7 for the SF 99-East Alternative and in Figure 6-8 for the SF 99-East Alternative with Porter Way Design Option. The SF 99-East Alternative is predicted to have 23 moderate noise impacts and three severe noise impacts (including Gethsemane Cemetery). The SF 99-East with the Porter Way Design Option is predicted to have 20 moderate noise impacts and three severe noise impacts (including Gethsemane Cemetery). The difference in noise impacts is between Johnson Road and Porter Way, where the Porter Way Design Option curves further east toward I-5.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-7
Noise Impact Locations
SF 99-East Alternative
South Federal Way Segment

Tacoma Dome Link Extension

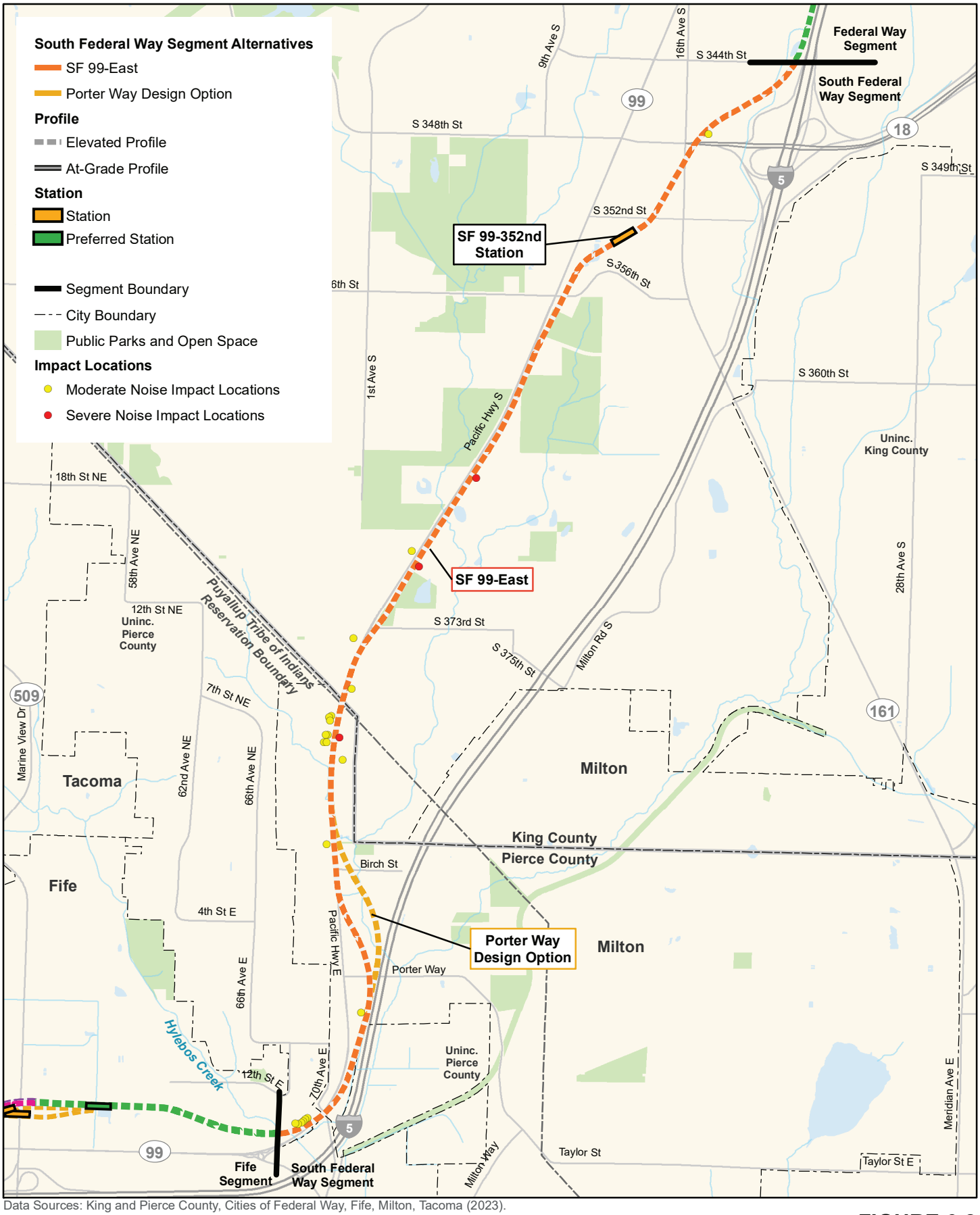

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 6-8
Noise Impact Locations
SF 99-East Alternative with Porter Way Design Option
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

6.2.3 Fife Segment

Comparisons of the existing and project noise levels are presented in Tables 6-9 and 6-10 for the Fife Pacific Highway Alternative. Table 6-9 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Fife Pacific Highway Alternative, and Table 6-10 includes the results for FTA Category 3 (institutional) receptors for the Fife Pacific Highway Alternative. There are no FTA Category 1 (high sensitivity) receptors in the Fife Pacific Highway Alternative. The curve from Kings Motor Inn to Pacific Highway would have a radius between 600 and 1,000 feet on the Fife Pacific Highway Alternative and would be prepared for wayside lubricators.

In addition to the distances to the nearest track, Tables 6-9 and 6-10 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Fife Pacific Highway Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-9 Summary of FTA Category 2 Noise Impacts for the Fife Pacific Highway Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
68th Avenue E (segment boundary) to 62nd Avenue E	SB	81	64	67	60	66	0	1
62nd Avenue E to 58th Avenue E (preferred Fife Station)	NB	113	64	65	60	66	4	0
62nd Avenue E to 58th Avenue E (54th Avenue Design Option)	NB	117	64	67	60	66	4	1
62nd Avenue E to 58th Avenue E (54th Span Design Option)	NB	102	64	68	60	66	4	1
58th Avenue E to 54th Avenue E (preferred Fife Station)	NB	271	64	62	60	66	3	0
58th Avenue E to 54th Avenue E (54th Avenue Design Option)	NB	272	64	57	60	66	0	0
58th Avenue E to 54th Avenue E (54th Span Design Option)	NB	202	64	64	60	66	7	0
Willow Road E to Alexander Avenue E	NB	167	65	65	61	66	68	0
Willow Road E to Alexander Avenue E	SB	129	65	66	61	66	1	0
Alexander Avenue E to 34th Avenue E	NB	44	69	72	64	69	2	1
Alexander Avenue E to 34th Avenue E	SB	137	69	66	64	69	98	0

Table 6-9 Summary of FTA Category 2 Noise Impacts for the Fife Pacific Highway Alternative – All Design Options (continued)

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
34th Avenue E to Puyallup River	SB	132	76	66	65	74	2	0
Total Fife Pacific Highway Alternative with preferred Fife Station							**178**	**2**
Total Fife Pacific Highway with 54th Avenue Design Option							**175**	**3**
Total Fife Pacific Highway with 54th Span Design Option							**182**	**3**

Note: The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

Table 6-10 Summary of FTA Category 3 Noise Impacts for the Fife Pacific Highway Alternative – All Design Options

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
St. Paul Chong Hasang Korean Catholic Community Church (preferred Fife Station)	NB	96	56	72	61	67	0	1
St. Paul Chong Hasang Korean Catholic Community Church (54th Avenue Design Option)	NB	110	56	66	61	67	1	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Span Design Option)	NB	84	56	67	61	67	0	1
New Horizon Christian Center (preferred Fife Station)	NB	246	56	59	61	67	0	0
New Horizon Christian Center (54th Avenue Design Option)	NB	225	56	53	61	67	0	0
Puyallup Tribe Integrative Medicine	NB	443	64	57	60	66	0	0
Total Fife Pacific Highway Alternative with preferred Fife Station							**0**	**1**
Total Fife Pacific Highway 54th Avenue Design Option							**1**	**0**
Total Fife Pacific Highway 54th Span Design Option							**0**	**1**

The noise impacts for the Fife Pacific Highway Alternative are projected to occur at single- and multi-family residences, the Roadway Inn and Suites (currently closed), the Glacier Motel, the Pinnacle Apartments, the Travelodge by Wyndham Hotel, the Sunshine Motel, the Fife Motel, the Extended Stay America Hotel, and the St. Paul Chong Hasang Korean Catholic Community Church and are due to the proximity to the proposed tracks and to the location of a crossover near the church. The majority of the noise and vibration impacts would be at the Chateau Rainier Apartments. The noise impact locations are shown in Figure 6-9 for the Fife Pacific Highway Alternative with preferred Fife Station, Figure 6-10 for the 54th Avenue Design Option, and Figure 6-11 for the 54th Span Design Option.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-9
Noise Impact Locations
Fife Pacific Highway Alternative
Fife Segment

Tacoma Dome Link Extension

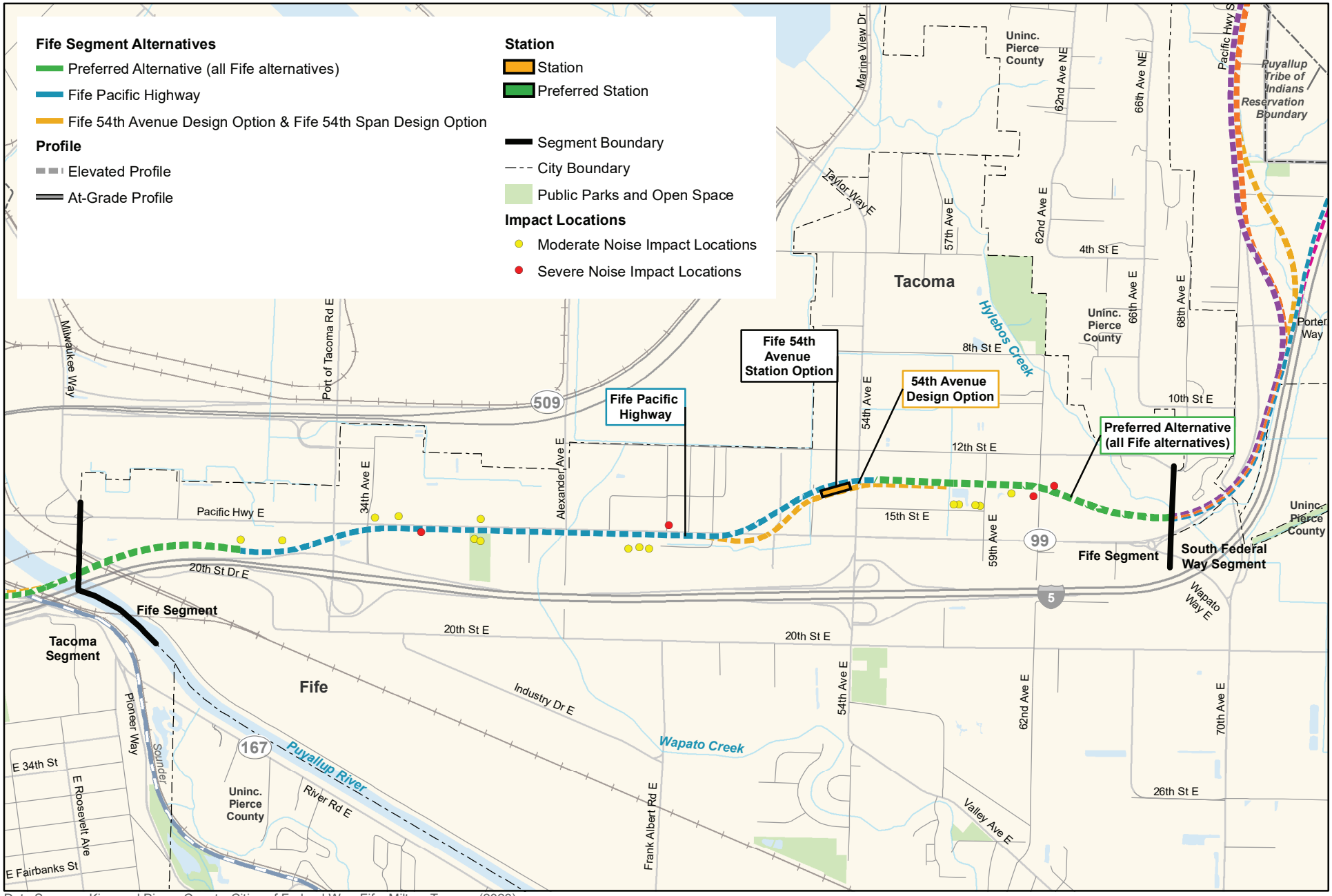

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-10
Noise Impact Locations
Fife Pacific Highway with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-11
Noise Impact Locations
Fife Pacific Highway with Fife 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

There are some differences between the Fife Pacific Highway Alternative with preferred Fife Station, with the 54th Avenue Design Option, and with the 54th Span Design Option. Most notably, the St. Paul Chang Hasang Korean Catholic Community Church is predicted to be a moderate noise impact with the 54th Avenue Design Option and is predicted to be a severe noise impact with the preferred Fife Station or the 54th Span Design Option. For the preferred Fife Station, the location of the crossover would increase the impact to the severe level, and for the 54th Span Design Option, the tracks would be 20 feet closer to the church, which would increase the impact to the severe level. This difference is found in all three Fife alternatives. For Category 2 receptors, the preferred alternative is predicted to have 178 moderate and two severe noise impacts; the 54th Avenue Design Option is predicted to have 175 moderate and three severe noise impacts; and the 54th Span Design Option is predicted to have 182 moderate and three severe noise impacts.

Comparisons of the existing and project noise levels are presented in Tables 6-11 and 6-12 for the Fife Median Alternative. Table 6-11 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Fife Median Alternative, and Table 6-12 includes the results for FTA Category 3 (institutional) receptors for the Fife Median Alternative. There are no FTA Category 1 (high sensitivity) receptors in the Fife Median Alternative.

In addition to the distances to the nearest track, Tables 6-11 and 6-12 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Fife Median Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-11 Summary of FTA Category 2 Noise Impacts for the Fife Median Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
68th Avenue E (segment boundary) to 62nd Avenue E	SB	81	64	67	60	66	0	1
62nd Avenue E to 58th Avenue E (preferred Fife Station)	NB	113	64	65	60	66	4	0
62nd Avenue E to 58th Avenue E (54th Avenue Design Option)	NB	117	64	67	60	66	4	1
62nd Avenue E to 58th Avenue E (54th Span Design Option)	NB	102	64	68	60	66	4	1
58th Avenue E to 54th Avenue E (preferred Fife Station)	NB	267	64	62	60	66	3	0
58th Avenue E to 54th Avenue E (54th Avenue Design Option)	NB	272	64	57	60	66	0	0
58th Avenue E to 54th Avenue E (54th Span Design Option)	NB	202	64	64	60	66	7	0

Table 6-11 Summary of FTA Category 2 Noise Impacts for the Fife Median Alternative – All Design Options (continued)

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Willow Road E to Alexander Avenue E	NB	222	65	63	61	66	68	0
Willow Road E to Alexander Avenue E	SB	74	65	69	61	66	1	1
Alexander Avenue E to 34th Avenue E	NB	98	69	68	64	69	2	0
Alexander Avenue E to 34th Avenue E	SB	89	69	68	64	69	98	0
34th Avenue E to Puyallup River	SB	132	76	66	65	74	2	0
Total Fife Median Alternative with preferred Fife Station							**178**	**2**
Total Fife Median 54th Avenue Design Option							**175**	**3**
Total Fife Median 54th Span Design Option							**182**	**3**

Note: The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

Table 6-12 Summary of FTA Category 3 Noise Impacts for the Fife Median Alternative – All Design Options

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq, dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
St. Paul Chong Hasang Korean Catholic Community Church (preferred Fife Station)	NB	96	56	72	61	67	0	1
St. Paul Chong Hasang Korean Catholic Community Church (54th Avenue Design Option)	NB	110	56	66	61	67	1	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Span Design Option)	NB	84	56	67	61	67	0	1
New Horizon Christian Center (preferred Fife Station)	NB	246	56	59	61	67	0	0
New Horizon Christian Center (54th Avenue Design Option)	NB	225	56	53	61	67	0	0
Puyallup Tribe Integrative Medicine	NB	443	64	57	60	66	0	0
Total Fife Median Alternative with preferred Fife Station							**0**	**1**
Total Fife Median 54th Avenue Design Option							**1**	**0**
Total Fife Median 54th Span Design Option							**0**	**1**

The noise impacts for the Fife Median Alternative are projected to occur at single- and multi-family residences, the Roadway Inn and Suites (currently closed), the Glacier Motel, the Pinnacle Apartments, the Travelodge by Wyndham Hotel, the Sunshine Motel, the Fife Motel, the Extended Stay America Hotel, and the St. Paul Chong Hasang Korean Catholic Community Church and are due to the proximity to the proposed tracks. The majority of the noise and vibration impacts would be at the Chateau Rainier Apartments. The noise impact locations are shown in Figure 6-12 for the Fife Median Alternative with the preferred Fife Station, Figure 6-13 for the 54th Avenue Design Option, and Figure 6-14 for the 54th Span Design Option.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-12
Noise Impact Locations
Fife Median Alternative
Fife Segment

Tacoma Dome Link Extension

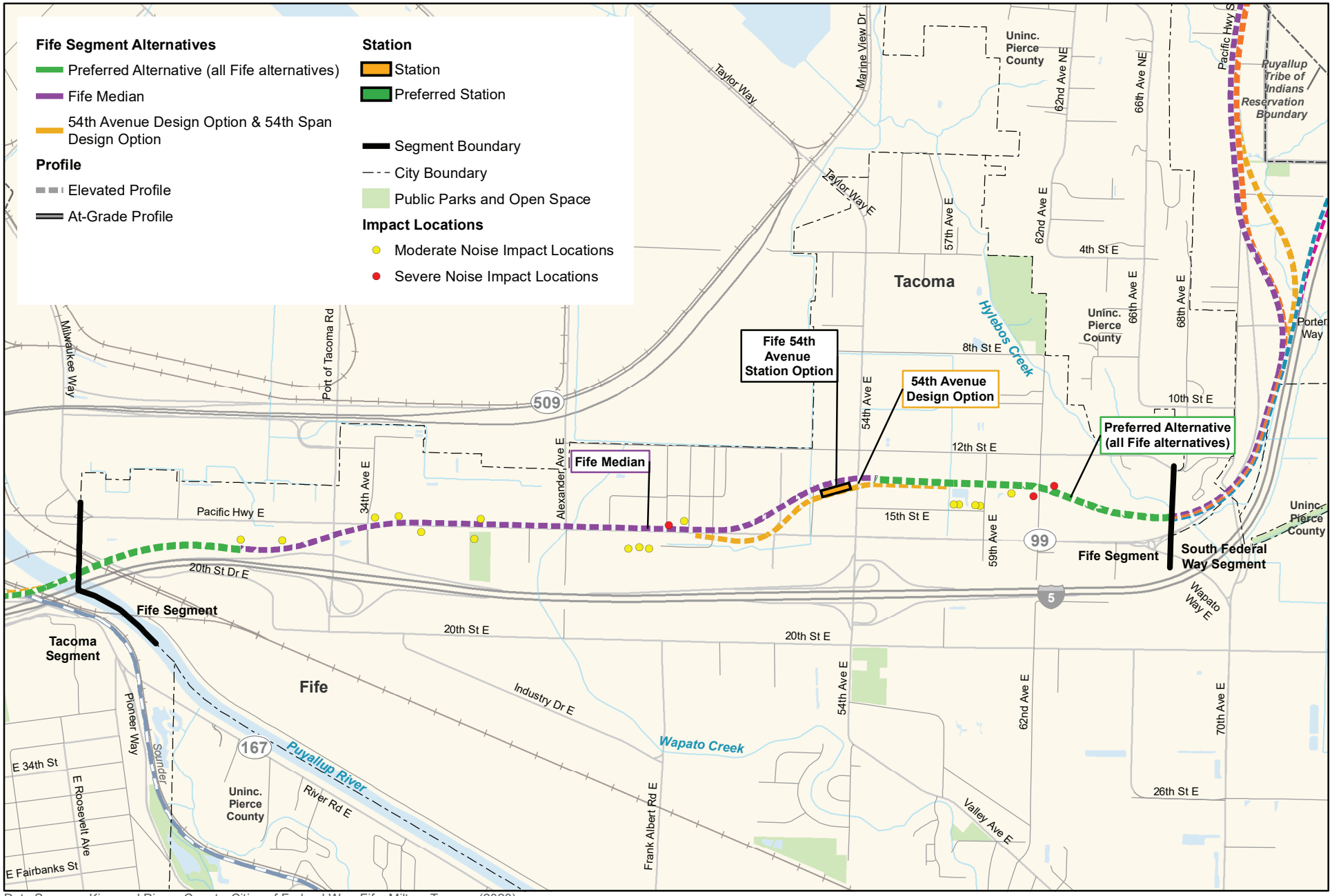

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-13
Noise Impact Locations
Fife Median with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

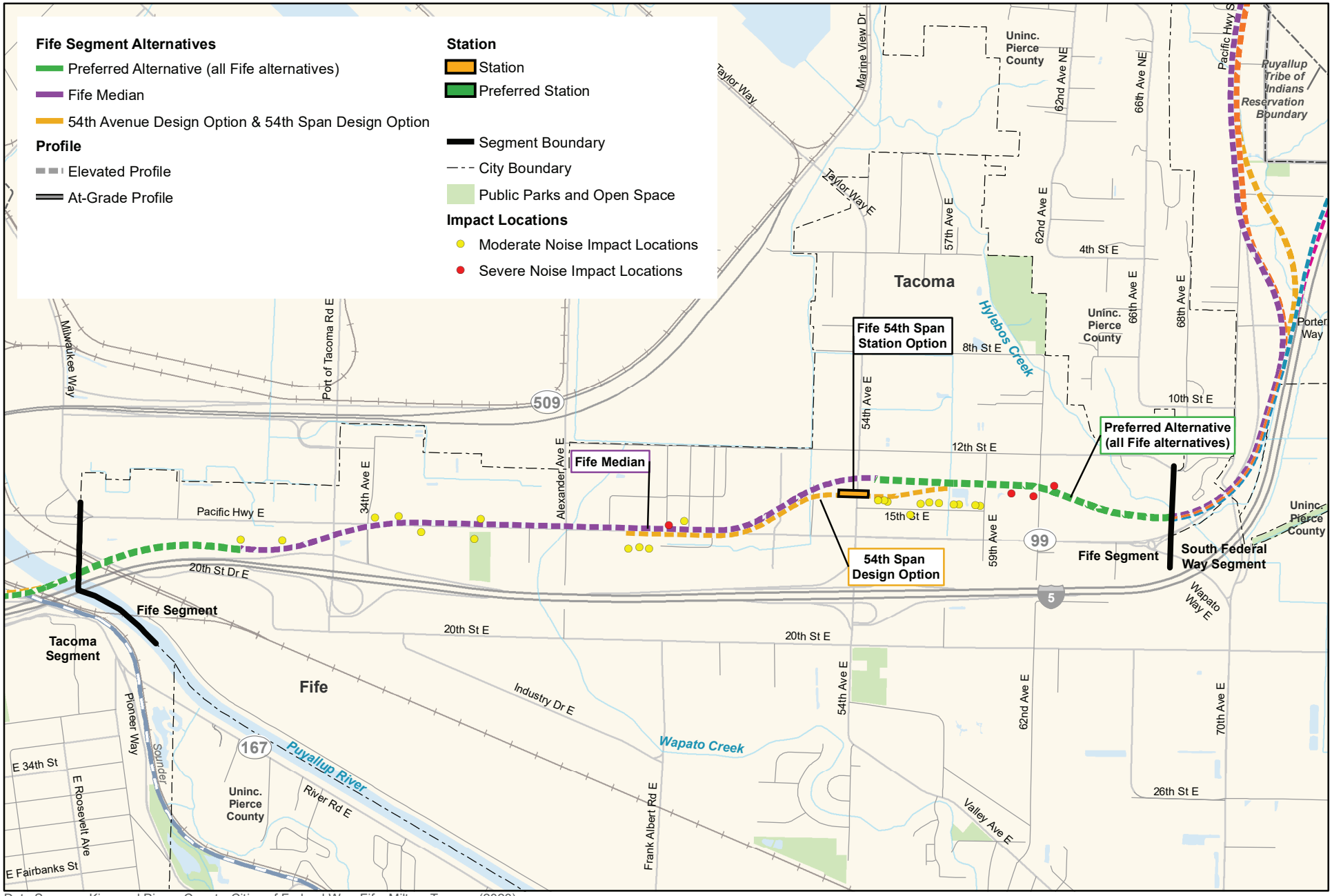

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-14
Noise Impact Locations
Fife Median with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

The number of impacts, and differences between the design options, are the same for the Fife Median Alternative and the Fife Pacific Highway Alternative, although the location of the impacts are different.

Comparisons of the existing and project noise levels are presented in Tables 6-13 and 6-14 for the Fife I-5 Alternative. Table 6-13 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Fife I-5 Alternative, and Table 6-13 includes the results for FTA Category 3 (institutional) receptors for the Fife I-5 Alternative. There are no FTA Category 1 (high sensitivity) receptors in the Fife I-5 Alternative.

In addition to the distances to the nearest track, Table 6-13 and Table 6-14 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Fife I-5 Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

Table 6-13 Summary of FTA Category 2 Noise Impacts for the Fife I-5 Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
68th Avenue E (segment boundary) to 62nd Avenue E	SB	81	64	67	60	66	0	1
62nd Avenue E to 58th Avenue E (preferred Fife Station)	NB	113	64	65	60	66	4	0
62nd Avenue E to 58th Avenue E (54th Avenue Design Option)	NB	118	64	67	60	66	4	1
62nd Avenue E to 58th Avenue E (54th Span Design Option)	NB	103	64	68	60	66	4	1
58th Avenue E to 54th Avenue E (preferred Fife Station)	NB	267	64	62	60	66	3	0
58th Avenue E to 54th Avenue E (54th Avenue Design Option)	NB	273	64	57	60	66	0	0
58th Avenue E to 54th Avenue E (54th Span Design Option)	NB	203	64	63	60	66	7	0
54th Avenue E to Willow Road E (54th Avenue Design Option	SB	51	65	62	61	66	1	0
54th Avenue E to Willow Road E (54th Span Design Option)	SB	51	65	62	61	66	1	0
Willow Road E to Alexander Avenue E	SB	75	77	69	65	74	80	0
Alexander Avenue E to 34th Avenue E	SB	498	69	58	64	69	0	0

Table 6-13 Summary of FTA Category 2 Noise Impacts for the Fife I-5 Alternative – All Design Options (continued)

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
34th Avenue E to Puyallup River	SB	132	76	66	65	74	1	0
Total Fife I-5 Alternative with preferred Fife Station							**88**	**1**
Total Fife I-5 54th Avenue Design Option							**86**	**2**
Total Fife I-5 54th Span Design Option							**93**	**2**

Note: The number of impacts counts the individual residential units with projected noise impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

Table 6-14 Summary of FTA Category 3 Noise Impacts for the Fife I-5 Alternative – All Design Options

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq, dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
St. Paul Chong Hasang Korean Catholic Community Church (preferred Fife Station)	NB	96	56	72	61	67	0	1
St. Paul Chong Hasang Korean Catholic Community Church (54th Avenue Design Option)	NB	110	56	66	61	67	1	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Span Design Option)	NB	84	56	67	61	67	0	1
New Horizon Christian Center (preferred Fife Station)	NB	246	56	59	61	67	0	0
New Horizon Christian Center (54th Avenue Design Option)	NB	225	56	53	61	67	0	0
Puyallup Tribe Integrative Medicine	SB	159	64	63	60	66	1	0
Total Fife I-5 Alternative with preferred Fife Station							**1**	**1**
Total Fife I-5 54th Avenue Design Option							**2**	**0**
Total Fife I-5 54th Span Design Option							**1**	**1**

The noise impacts for the Fife I-5 Alternative are projected to occur at single- and multi-family residences, the Extended Stay America Hotel, the Puyallup Tribe Integrative Medicine facility, and the St. Paul Chong Hasang Korean Catholic Community Church and are due to the proximity to the proposed tracks. The majority of the noise and vibration impacts would be at the Chateau Rainier Apartments. The noise impact locations are shown in Figure 6-15 for the Fife I-5 Alternative with the preferred Fife Station, Figure 6-16 for the 54th Avenue Design Option, and Figure 6-17 for the 54th Span Design Option.

There are some differences between the preferred Fife Station alternative, the 54th Avenue Design Option, and the 54th Span Design Option. The difference in the results for the St. Paul Chong Hasang Korean Catholic Community Church is the same as for the other two alternatives. For Category 2 receptors, the preferred option is predicted to have 88 moderate and one severe noise impacts; the 54th Avenue Design Option is predicted to have 86 moderate and two severe noise impacts; and the 54th Span Design Option is predicted to have 93 moderate and two severe noise impacts. The Puyallup Tribe Integrative Medicine facility is predicted to have a severe noise impact in all design options for the Fife I-5 Alternative.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-15
Noise Impact Locations
Fife I-5 Alternative
Fife Segment

Tacoma Dome Link Extension

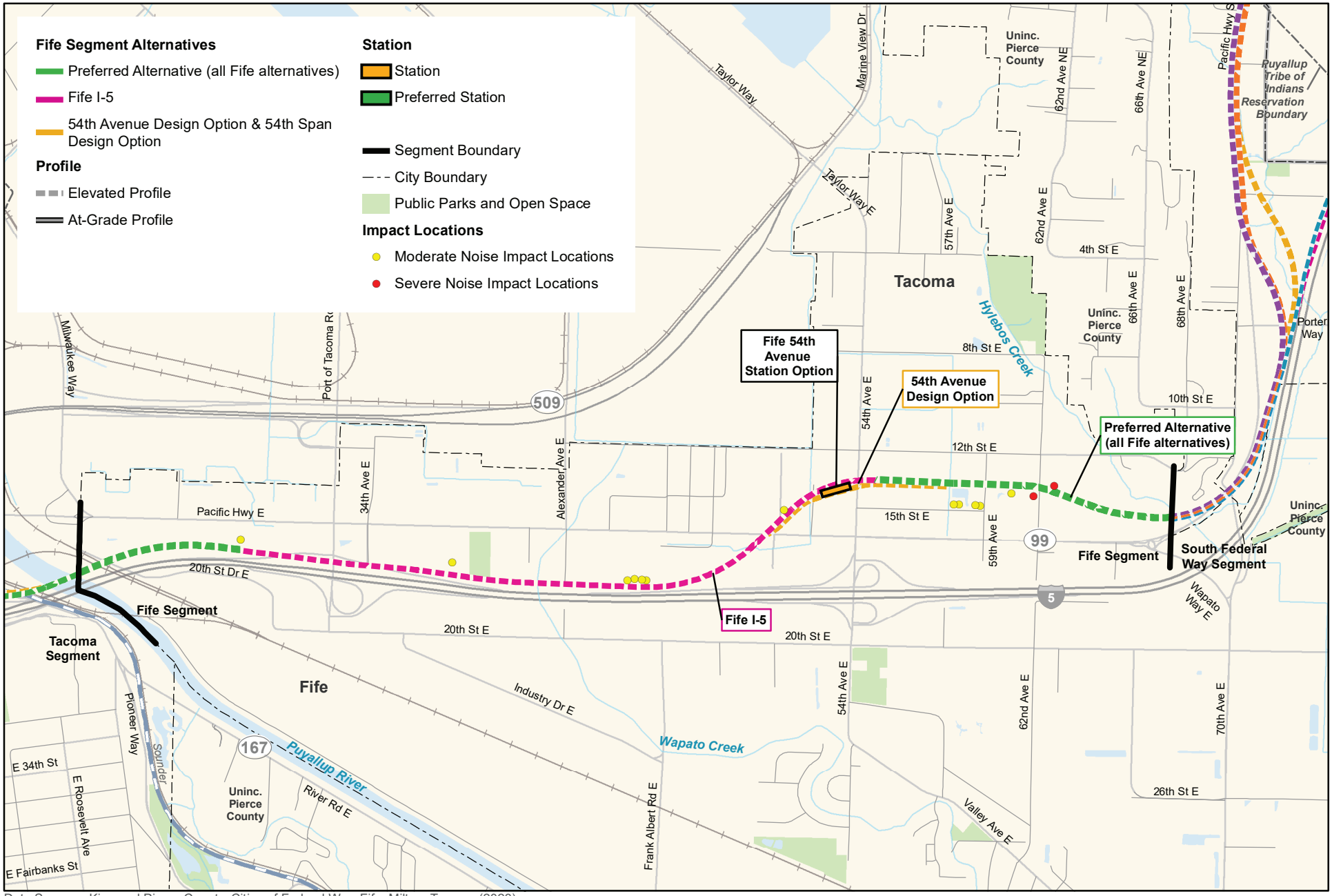

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-16
Noise Impact Locations
Fife I-5 with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-17
Noise mpact Locations
Fife I-5 with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

6.2.4 Tacoma Segment

Comparisons of the existing and project noise levels are presented in Tables 6-15 and 6-16 for the Preferred Tacoma 25th Street-West Alternative. Table 6-15 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Preferred Tacoma 25th Street-West Alternative. Table 6-16 includes the results for FTA Category 3 (institutional) receptors for this alternative. There are no FTA Category 1 (high sensitivity) receptors for the Preferred Tacoma 25th Street-West Alternative.

In addition to the distances to the nearest track, Tables 6-15 and 6-16 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Preferred Tacoma 25th Street-West Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

The noise impacts for the Preferred Tacoma 25th Street-West Alternative are projected to occur at the La Quinta Inn and Suites and the Motel Tacoma Center and are due to the proximity to the proposed tracks. Noise impacts are not anticipated along the tail track west of the station. The noise impact locations are shown in Figure 6-18 for the Preferred Tacoma 25th Street-West Alternative.

Table 6-15 Summary of FTA Category 2 Noise Impacts for the Preferred Tacoma 25th Street-West Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Portland Avenue E to East L Street	NB	78	64	69	60	66	1	1
Portland Avenue E to East L Street	SB	83	64	69	60	66	0	1
East L Street to East G Street	NB	409	64	59	60	66	0	0
East G Street to East D Street	NB	415	67	59	62	67	0	0
East G Street to East D Street	SB	49	67	59	62	67	0	0
Total							**1**	**2**

Table 6-16 Summary of FTA Category 3 Noise Impacts for the Preferred Tacoma 25th Street-West Alternative

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Cedar Wellness Center	NB	292	63	60	65	70	0	0
Total							**0**	**0**

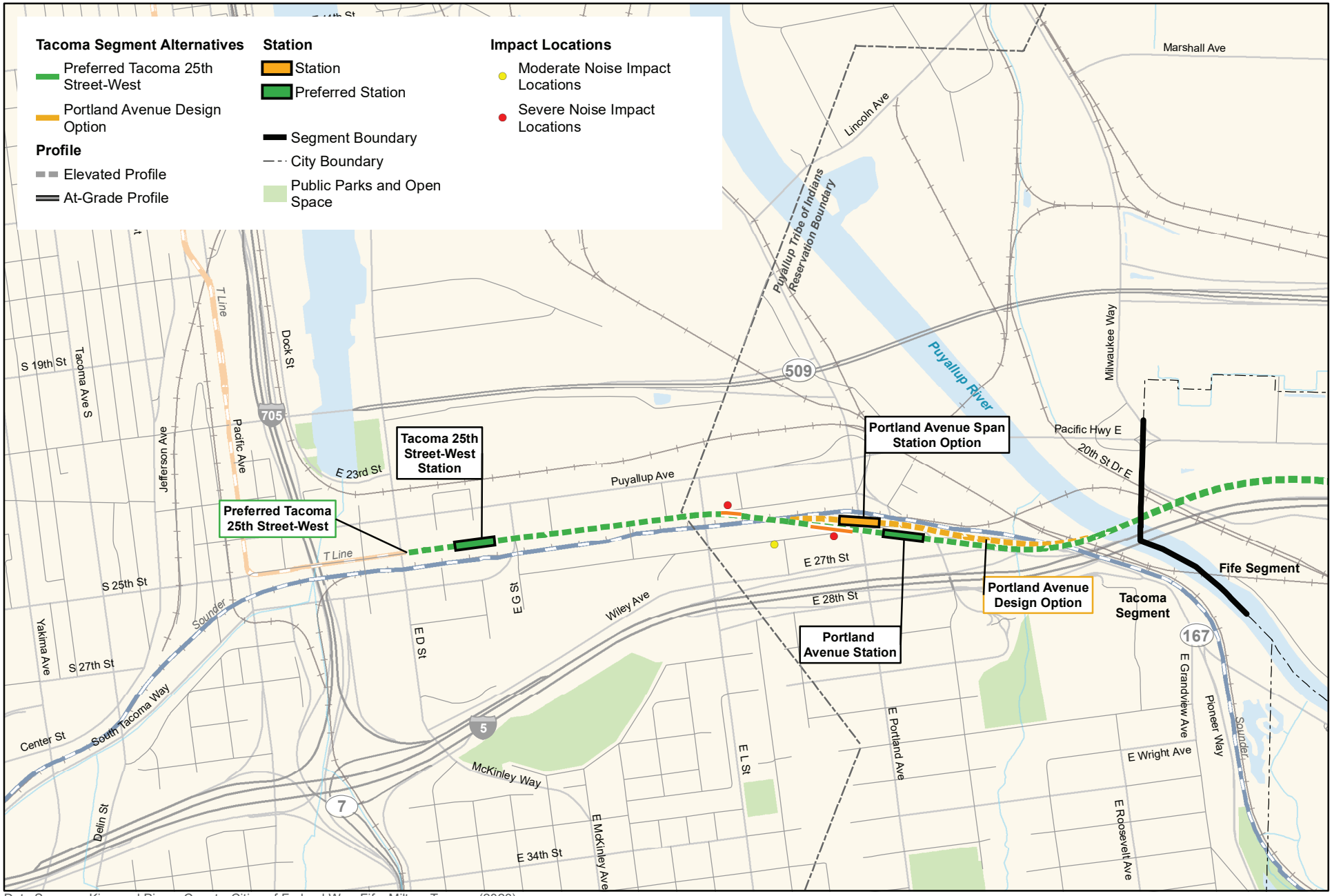

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-18
Noise Impact Locations
Preferred Tacoma 25th Street-West Alternative
Tacoma Segment

Tacoma Dome Link Extension

Comparisons of the existing and project noise levels are presented in Tables 6-17 and 6-18 for the Tacoma 25th Street-East Alternative. Table 6-17 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Tacoma 25th Street-East Alternative. Table 6-18 includes the results for FTA Category 3 (institutional) receptors for this alternative. There are no FTA Category 1 (high sensitivity) receptors for the Tacoma 25th-Street East Alternative.

In addition to the distances to the nearest track, Tables 6-17 and 6-18 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Tacoma 25th Street-East Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

The noise impacts for the Tacoma 25th Street-East Alternative are projected to occur at the La Quinta Inn and Suites and the Motel Tacoma Center and are due to the proximity to the proposed tracks. The noise impact locations are shown in Figure 6-19 for the Tacoma 25th Street-East Alternative. The curve by the Tacoma Soccer Center would have a radius between 600 and 1,000 feet on the Tacoma 25th Street-East Alternative and would be prepared for wayside lubricators.

Table 6-17 Summary of FTA Category 2 Noise Impacts for the Tacoma 25th Street-East Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Portland Avenue E to East L Street	NB	81	64	69	60	66	1	1
Portland Avenue E to East L Street	SB	85	64	69	60	66	0	1
East L Street to East G Street	NB	405	64	59	60	66	0	0
East G Street to East D Street	NB	458	67	59	62	67	0	0
East G Street to East D Street	SB	392	67	46	62	67	0	0
Total							**1**	**2**

Table 6-18 Summary of FTA Category 3 Noise Impacts for the Tacoma 25th Street-East Alternative

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Cedar Wellness Center	NB	365	63	58	65	70	0	0
Total							**0**	**0**

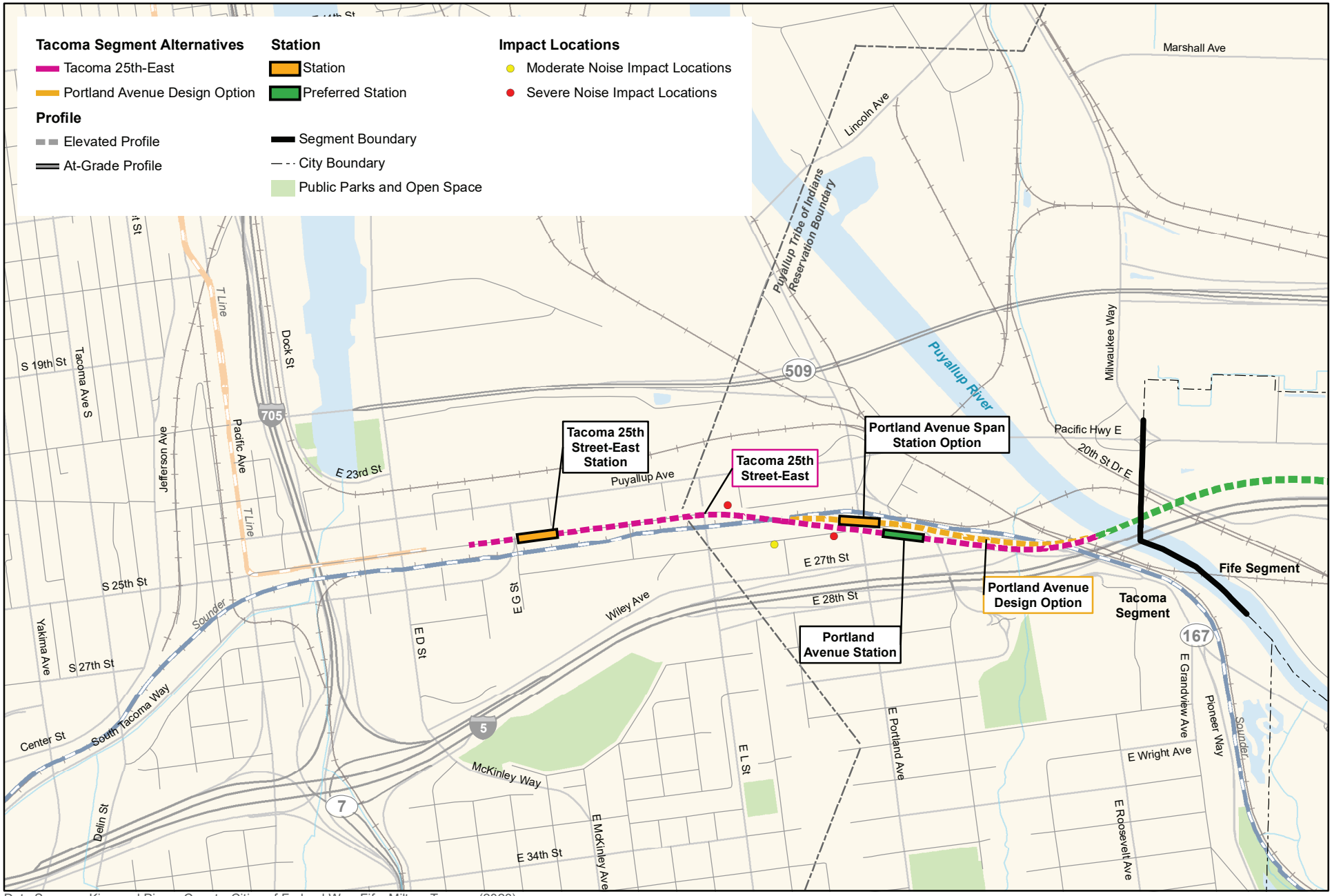

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-19
Noise Impact Locations
Tacoma 25th Street-East Alternative
Tacoma Segment

Tacoma Dome Link Extension

Comparisons of the existing and project noise levels are presented in Tables 6-19 and 6-20 for the Tacoma Close to Sounder Alternative. Table 6-19 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Tacoma Close to Sounder Alternative. Table 6-20 includes the results for FTA Category 3 (institutional) receptors for this alternative. There are no FTA Category 1 (high sensitivity) receptors for the Tacoma Close to Sounder Alternative.

In addition to the distances to the nearest track, Tables 6-19 and 6-20 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Tacoma Close to Sounder Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

The noise impacts for the Tacoma Close to Sounder Alternative are projected to occur at a single-family residence and the La Quinta Inn and Suites and are due to the proximity to the proposed tracks and the presence of a crossover. The noise impact locations are shown in Figure 6-20 for the Tacoma Close to Sounder Alternative. The curve east of East G Street would have a radius between 600 and 1,000 feet on the Tacoma Close to Sounder Alternative and would be prepared for wayside lubricators.

Table 6-19 Summary of FTA Category 2 Noise Impacts for the Tacoma Close to Sounder Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Portland Avenue E to East L Street	NB	83	64	75	60	66	1	1
Portland Avenue E to East L Street	SB	193	64	56	60	66	0	0
East L Street to East G Street	NB	248	64	57	60	66	0	0
East G Street to East D Street	NB	331	67	61	62	67	0	0
East G Street to East D Street	SB	134	67	53	62	67	0	0
Total							**1**	**1**

Table 6-20 Summary of FTA Category 3 Noise Impacts for the Tacoma Close to Sounder Alternative

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Cedar Wellness Center	NB	208	63	62	65	70	0	0
Total							**0**	**0**

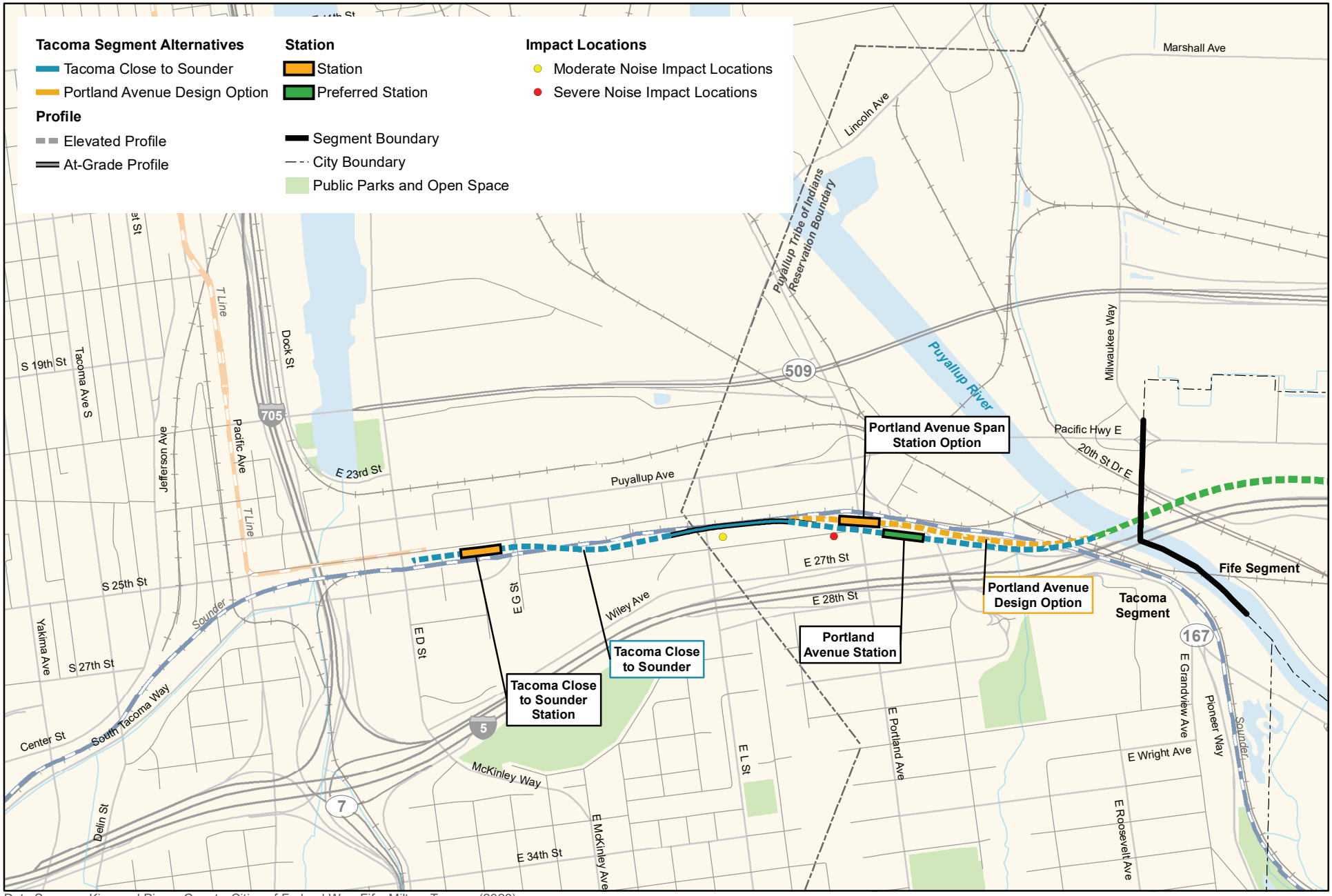

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-20
Noise Impact Locations
Tacoma Close to Sounder Alternative
Tacoma Segment

Tacoma Dome Link Extension

Comparisons of the existing and project noise levels are presented in Tables 6-21 and 6-22 for the Tacoma 26th Street Alternative. Table 6-21 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to noise for the Tacoma 26th Street Alternative. Table 6-22 includes the results for FTA Category 3 (institutional) receptors for this alternative. There are no FTA Category 1 (high sensitivity) receptors for the Tacoma 26th Street Alternative.

In addition to the distances to the nearest track, Tables 6-21 and 6-22 include the existing noise levels, the projected noise levels from LRT operations, and the FTA noise impact criteria for the Tacoma 26th Street Alternative. Based on a comparison of the predicted project noise levels with the impact criteria, the table also includes an inventory of the moderate and severe noise impacts for the alternative.

The noise impacts for the Tacoma 26th Street Alternative are projected to occur at a single-family residence, the Best Western Plus Tacoma Dome Hotel, and the Cedar Wellness Center and are due to their proximity to the proposed tracks and the presence of crossovers. The noise impact locations are shown in Figure 6-21 for the Tacoma 26th Street Alternative. The curve across East G Street would have a radius between 600 and 1,000 feet on the Tacoma 26th Street Alternative and would be prepared for wayside lubricators.

Table 6-21 Summary of FTA Category 2 Noise Impacts for the Tacoma 26th Street Alternative

Location	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Ldn, dBA)	Project Noise Level (Ldn, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Portland Avenue E to East L Street	NB	93	64	63	60	66	1	0
Portland Avenue E to East L Street	SB	201	64	56	60	66	0	0
East L Street to East G Street	NB	240	64	57	60	66	0	0
East G Street to East D Street	NB	41	67	79	62	67	0	1
East G Street to East D Street	SB	424	67	46	62	67	0	0
Total							**1**	**1**

Table 6-22 Summary of FTA Category 3 Noise Impacts for the Tacoma 26th Street Alternative

Name	Side of Track	Distance to Near Track (feet)	Existing Noise Level (Leq dBA)	Project Noise Level (Leq, dBA)	Moderate Noise Criteria	Severe Noise Criteria	# of Moderate Impacts	# of Severe Impacts
Cedar Wellness Center	SB	68	63	74	65	70	0	1
Total							**0**	**1**

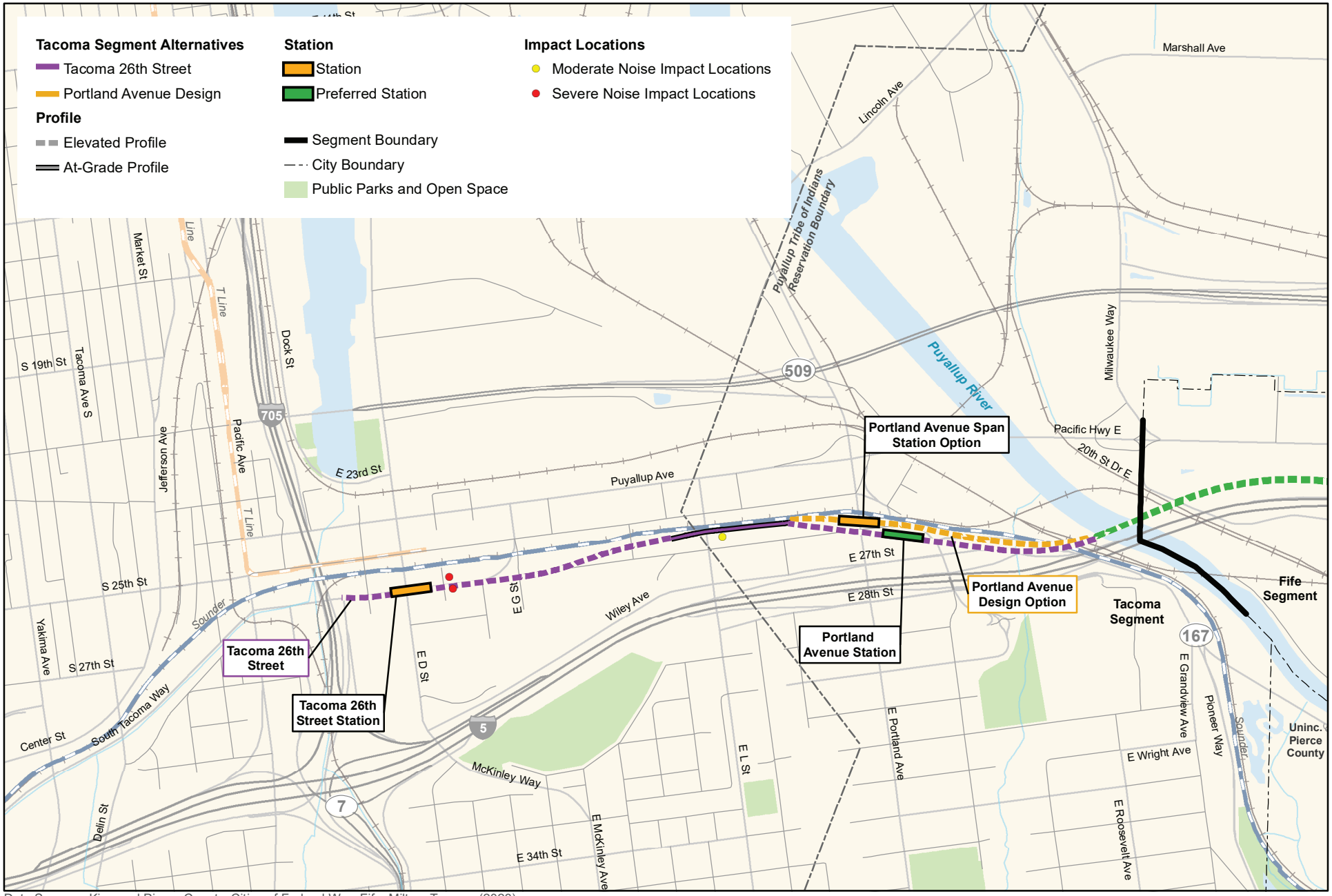

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-21
Noise Impact Locations
Tacoma 26th Street Alternative
Tacoma Segment

Tacoma Dome Link Extension

6.3 Build Alternatives Vibration Assessment

A summary of the vibration measurement results by segment is included below, detailed information by parcel is included in Attachment F, Detailed Vibration Assessment Results.

6.3.1 Federal Way Segment

For the Preferred FW Enchanted Parkway Alternative and the FW Design Option, the vibration impacts for the LRT operations are presented in Tables 6-23 and 6-24, respectively. Tables 6-23 and 6-24 include the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration. There are no FTA Category 1 (special) or 3 (institutional) receptors for the Preferred FW Enchanted Parkway Alternative or the FW Design Option. The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

There are no vibration impacts associated with the Preferred FW Enchanted Parkway Alternative or the FW Design Option.

Table 6-23 Summary of FTA Category 2 Vibration Impacts for the Preferred Federal Way Enchanted Parkway Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
S 324th Street to Merion Way	SB	80	53	10	72	0
Merion Way to S 328th Place	SB	29	56	12.5	72	0
S 328th Place to S 330th Street	SB	45	56	12.5	72	0
S 330th Street to S 333rd Street	SB	91	57	12.5	72	0
S 333rd Street to S 336th Street	SB	66	56	12.5	72	0
Total						**0**

Notes:

(1) Note: Includes impacts to the Belmor community between S 324th Street and S 330th Street.

Table 6-24 Summary of FTA Category 2 Vibration Impacts for the Federal Way Design Option

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
S 324th Street to Merion Way	SB	69	57	12.5	72	0
Merion Way to S 328th Place	SB	57	58	12.5	72	0
S 328th Place to S 330th Street	SB	134	53	12.5	72	0
S 330th Street to S 333rd Street	SB	81	54	12.5	72	0
S 333rd Street to S 336th Street	SB	197	53	12.5	72	0
Total						**0**

Notes:

(1) Includes impacts to the Belmor community between S 324th Street and S 330th Street.

6.3.2 South Federal Way Segment

For the SF Enchanted Parkway Alternative, the vibration impacts for the LRT operations are presented in Table 6-25. Table 6-25 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration. There are no FTA Category 1 (special) or 3 (institutional) receptors for the SF Enchanted Parkway Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

There are no vibration impacts predicted with the SF Enchanted Parkway Alternative.

Table 6-25 Summary of FTA Category 2 Vibration Impacts for the SF Enchanted Parkway Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
S 356th Street to S 359th Street	SB	48	71	50	72	0
S 359th Street to S 364th Way	SB	84	58	40	72	0
11th Place S to S 372nd Way	SB	132	56	31.5	72	0
S 372nd Way to S 376th Street	SB	150	54	31.5	72	0
King-Pierce County Line to Comet Street (near Birch Street)	NB	323	42	10	72	0
Comet Street to Porter Way	NB	282	43	10	72	0
Porter Way to 10th Street E	SB	82	57	40	72	0
10th Street E to 68th Avenue E (segment boundary)	SB	69	60	40	72	0
Total						**0**

Note:
(1) Includes impacts to the Belmor community between S 324th Street and S 330th Street.

For the SF I-5 Alternative, the vibration impacts for the LRT operations are presented in Table 6-26. Table 6-26 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration. There are no FTA Category 1 (Special) or 3 (institutional) receptors for the SF I-5 Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

There are no vibration impacts predicted with the SF I-5 Alternative.

Table 6-26 Summary of FTA Category 2 Vibration Impacts for the SF I-5 Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
S 356th Street to S 359th Street	SB	240	53	10	72	0
S 359th Street to S 364th Way	SB	140	59	10	72	0
11th Place S to S 372nd Way	SB	132	56	31.5	72	0
S 372nd Way to S 376th Street	SB	150	54	31.5	72	0
King-Pierce County Line to Comet Street (near Birch Street)	NB	323	42	10	72	0
Comet Street to Porter Way	NB	282	43	10	72	0
Porter Way to 10th Street E	SB	82	57	40	72	0
10th Street E to 68th Avenue E (segment boundary)	SB	69	60	40	72	0
Total						**0**

For the SF 99-East Alternative, the vibration impacts for the LRT operations are presented in Tables 6-27 and 6-28. Table 6-27 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration. Table 6-28 includes the results for FTA Category 3 (institutional) receptors with primarily daytime use. There are no FTA Category 1 (Special) receptors for the SF 99-East Alternative. The table also includes the results for the Porter Way Design Option.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

There are no vibration impacts predicted with the SF 99-East Alternative.

Table 6-27 Summary of FTA Category 2 Vibration Impacts for the SF 99-East Alternative and SF 99-East Alternative with Porter Way Design Option

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
S 344th Street to S 346th Street	NB	62	61	50	72	0
S 359th Street to S 364th Street	SB	243	47	12.5	72	0
S 364th Street to S 373rd Street	NB	67	63	50	72	0
S 364th Street to S 373rd Street	SB	164	51	12.5	72	0
S 373rd Street to Johnson Road	NB	72	62	50	72	0
S 373rd Street to Johnson Road	SB	115	55	12.5	72	0
Johnson Road to Porter Way	NB	150	47	10	72	0
Johnson Road to Porter Way	SB	114	54	12.5	72	0

Table 6-27 Summary of FTA Category 2 Vibration Impacts for the SF 99-East Alternative and SF 99-East Alternative with Porter Way Design Option (continued)

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Johnson Road to Porter Way (Porter Way Design Option)	SB	190	51	12.5	72	0
Porter Way to 10th Street E	SB	96	53	40	72	0
Porter Way to 10th Street E (Porter Way Design Option)	SB	90	54	40	72	0
10th Street E to 68th Avenue E (segment boundary)	SB	69	60	40	72	0
Total SF 99-East						**0**
Total SF 99-East with Porter Way Design Option						**0**

Table 6-28 Summary of FTA Category 3 Vibration Impacts for the SF 99-East Alternative[1]

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Montessori Academy at Spring Valley	SB	221	48	12.5	75	0
Giac Vien Pagoda	SB	231	48	12.5	75	0
Gethsemane Cemetery	NB	79	60	50	75	0
Total						**0**

Note:
(1) There are no differences in the Category 3 receivers between SF 99-East and SF 99-East with Porter Way Design Option.

For the SF 99-West Alternative, the vibration impacts for the LRT operations are presented in Tables 6-29 and 6-30. Table 6-29 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration. Table 6-30 includes the results for FTA Category 3 (institutional) receptors with primarily daytime use. There are no FTA Category 1 (Special) receptors for the SF 99-West Alternative. The table also includes the results for the Porter Way Design Option.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

There are no vibration impacts predicted with the SF 99-West Alternative.

Table 6-29 Summary of FTA Category 2 Vibration Impacts for the SF 99-West Alternative and SF 99-West Alternative with Porter Way Design Option

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
S 344th Street to S 346th Street	NB	64	60	50	72	0
S 359th Street to S 364th Street	SB	124	53	12.5	72	0
S 364th Street to S 373rd Street	NB	142	53	12.5	72	0
S 364th Street to S 373rd Street	SB	50	68	50	72	0
S 373rd Street to Johnson Road	NB	129	54	12.5	72	0
S 373rd Street to Johnson Road	SB	64	64	50	72	0
Johnson Road to Porter Way	NB	197	45	10	72	0
Johnson Road to Porter Way	SB	58	67	50	72	0
Johnson Road to Porter Way (Porter Way Design Option)	SB	165	52	12.5	72	0
Porter Way to 10th Street E	SB	96	53	40	72	0
Porter Way to 10th Street E (Porter Way Design Option)	SB	90	54	40	72	0
10th Street E to 68th Avenue E (segment boundary)	SB	69	60	40	72	0
Total SF 99-West						**0**
Total SF 99-West with Porter Way Design Option						**0**

Table 6-30 Summary of FTA Category 3 Vibration Impacts for the SF 99-West Alternative[1]

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Montessori Academy at Spring Valley	SB	107	55	12.5	75	0
Giac Vien Pagoda	SB	117	54	12.5	75	0
Gethsemane Cemetery	NB	135	53	12.5	75	0
Total						**0**

Note:

(1) There are no differences in the Category 3 receivers between SF 99-West and SF 99-West with Porter Way Design Option.

6.3.3 Fife Segment

For the Fife Pacific Highway Alternative, the vibration impacts for the LRT operations are presented in Tables 6-31 and 6-32. Table 6-31 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Fife Pacific Highway Alternative, and Table 6-32 includes the results for FTA Category 1 (special) and 3 (institutional) receptors for the Fife Pacific Highway Alternative. The tables include the 54th Avenue Station and 54th Span Station alternatives.

Table 6-31 Summary of FTA Category 2 Vibration Impacts for the Fife Pacific Highway Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
68th Avenue E (segment boundary) to 62nd Avenue E	SB	81	73	20	72	1
62nd Avenue E to 58th Avenue E (preferred Five Station)	NB	113	70	20	72	0
62nd Avenue E to 58th Avenue E (54th Avenue Design Option)	NB	117	70	20	72	0
62nd Avenue E to 58th Avenue E (54th Span Design Option)	NB	102	71	20	72	0
58th Avenue E to 54th Avenue E (preferred Five Station)	NB	263	62	12.5	72	0
58th Avenue E to 54th Avenue E (54th Avenue Design Option)	NB	272	62	12.5	72	0
58th Avenue E to 54th Avenue E (54th Span Design Option)	NB	95	67	20	72	0
Willow Road E to Alexander Avenue E	NB	167	56	12.5	72	0
Willow Road E to Alexander Avenue E	SB	129	59	12.5	72	0
Alexander Avenue E to 34th Avenue E	NB	44	80	20	72	1
Alexander Avenue E to 34th Avenue E	SB	137	69	12.5	72	0
34th Avenue E to Puyallup River	SB	140	69	12.5	72	0
Total Fife Pacific Highway Alternative with preferred Fife Station						**2**
Total Fife Pacific Highway with 54th Avenue Design Option						**2**
Total Fife Pacific Highway with 54th Span Design Option						**2**

Table 6-32 Summary of FTA Category 1 and 3 Vibration Impacts for the Fife Pacific Highway Alternative – All Design Options

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
St. Paul Chong Hasang Korean Catholic Community Church (preferred Fife Station)	NB	96	75	20	75	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Avenue Design Option)	NB	110	69	20	75	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Span Design Option)	NB	84	71	20	75	0
New Horizon Christian Center (preferred Fife Station)	NB	246	61	20	75	0
New Horizon Christian Center (54th Avenue Design Option)	NB	225	63	20	75	0
Puyallup Tribe Integrative Medicine[1]	NB	443	59	12.5	66	0
Total Fife Pacific Highway Alternative with preferred Fife Station						**0**
Total Fife Pacific Highway 54th Avenue Design Option						**0**
Total Fife Pacific Highway 54th Span Design Option						**0**

Note:
(1) The Puyallup Tribe Integrative Medicine building is a Category 1 receptor.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

The vibration impacts are projected to occur at a single-family residence and the Travelodge by Wyndham Hotel and are due to the proximity to the proposed tracks. The vibration impact locations are shown in Figure 6-22 for the Fife Pacific Highway Alternative with the preferred Fife Station, Figure 6-23 for the 54th Avenue Design Option, and Figure 6-24 for the 54th Span Design Option. There is no difference in vibration impacts for the station options.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-22
Vibration Impact Locations
Fife Pacific Highway Alternative
Fife Segment

Tacoma Dome Link Extension

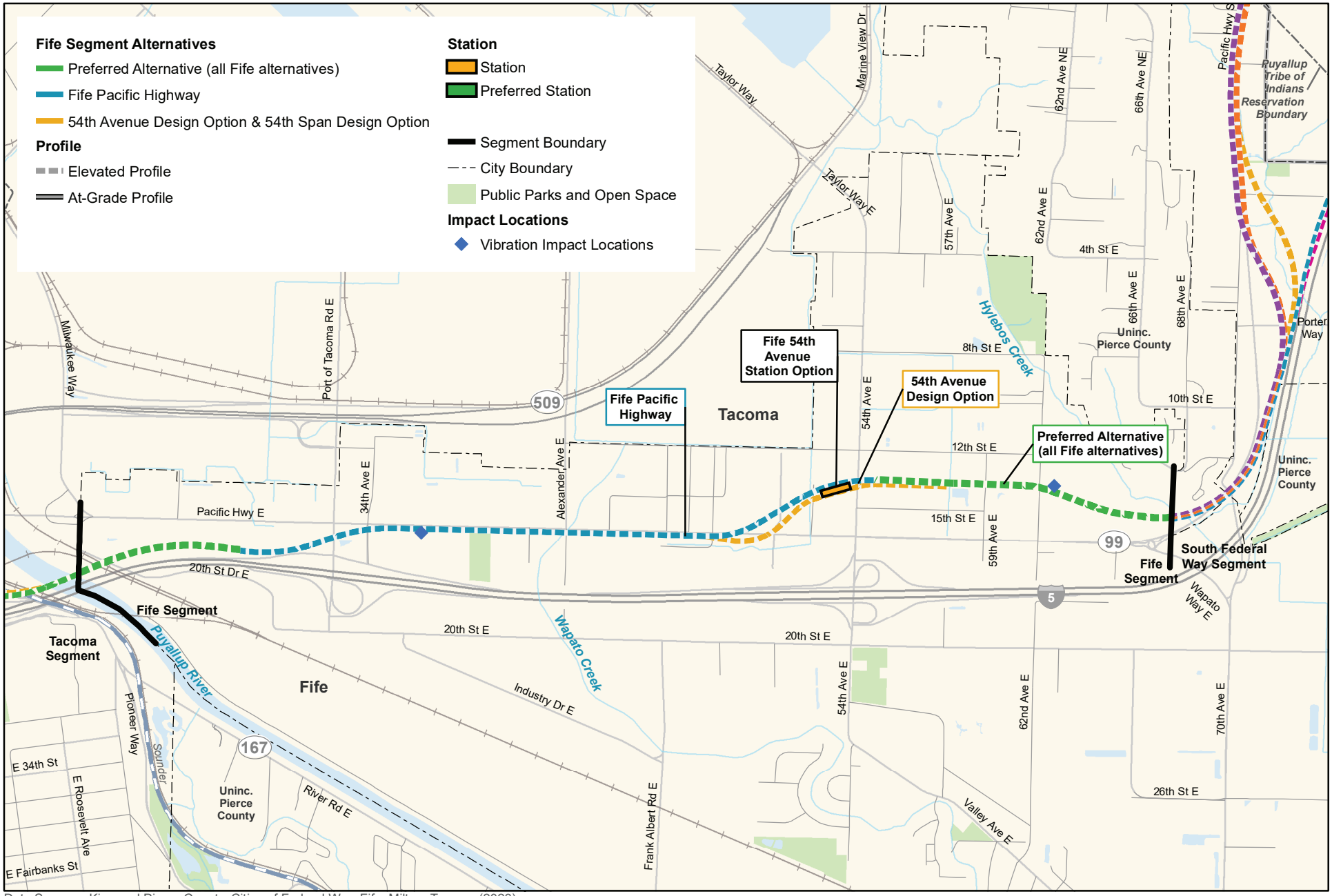

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-23
Vibration Impact Locations
Fife Pacific Highway with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-24
Vibration Impact Locations
Fife Pacific Highway with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

For the Fife Median Alternative, the vibration impacts for the LRT operations are presented in Tables 6-33 and 6-34. Table 6-33 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Fife Median Alternative, and Table 6-34 includes the results for FTA Category 1 (special) and 3 (institutional) receptors for the Fife Median Alternative.

Table 6-33 Summary of FTA Category 2 Vibration Impacts for the Fife Median Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
68th Avenue E (segment boundary) to 62nd Avenue E	SB	81	73	20	72	1
62nd Avenue E to 58th Avenue E (preferred Fife Station)	NB	113	70	20	72	0
62nd Avenue E to 58th Avenue E (54th Avenue Design Option)	NB	117	70	20	72	0
62nd Avenue E to 58th Avenue E (54th Span Design Option)	NB	102	71	20	72	0
58th Avenue E to 54th Avenue E (preferred Fife Station)	NB	263	62	12.5	72	0
58th Avenue E to 54th Avenue E (54th Avenue Design Option)	NB	272	62	12.5	72	0
58th Avenue E to 54th Avenue E (54th Span Design Option)	NB	95	67	20	72	0
Willow Road E to Alexander Avenue E	NB	222	53	20	72	0
Willow Road E to Alexander Avenue E	SB	74	65	12.5	72	0
Alexander Avenue E to 34th Avenue E	NB	98	71	12.5	72	0
Alexander Avenue E to 34th Avenue E	SB	89	71	12.5	72	0
34th Avenue E to Puyallup River	SB	140	69	12.5	72	0
Total Fife Median Alternative with preferred Fife Station						**1**
Total Fife Median 54th Avenue Design Option						**1**
Total Fife Median 54th Span Design Option						**1**

Table 6-34 Summary of FTA Category 1 and 3 Vibration Impacts for the Fife Median Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
St. Paul Chong Hasang Korean Catholic Community Church (preferred Fife Station)	NB	96	75	20	75	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Avenue Design Option)	NB	110	69	20	75	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Span Design Option)	NB	84	71	20	75	0
New Horizon Christian Center (preferred Fife Station)	NB	246	64	`12.5	75	0
New Horizon Christian Center (54th Avenue Design Option)	NB	225	63	20	75	0
Puyallup Tribe Integrative Medicine[1]	NB	497	58	12.5	66	0
Total Fife Median Alternative with preferred Fife Station						**0**
Total Fife Median with 54th Avenue Design Option						**0**
Total Fife Median with 54th Span Design Option						**0**

Note:
(1) The Puyallup Tribe Integrative Medicine facility is a Category 1 receptor.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

The vibration impact is projected to occur at one single-family home and is due to the proximity to the proposed tracks. The vibration impact locations are shown in Figure 6-25 for the Fife Median Alternative with the preferred Fife Station, Figure 6-26 for the 54th Avenue Design Option, and Figure 6-27 for the 54th Span Design Option. There is no difference in vibration impacts for the station options.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-25
Vibration Impact Locations
Fife Median Alternative
Fife Segment

Tacoma Dome Link Extension

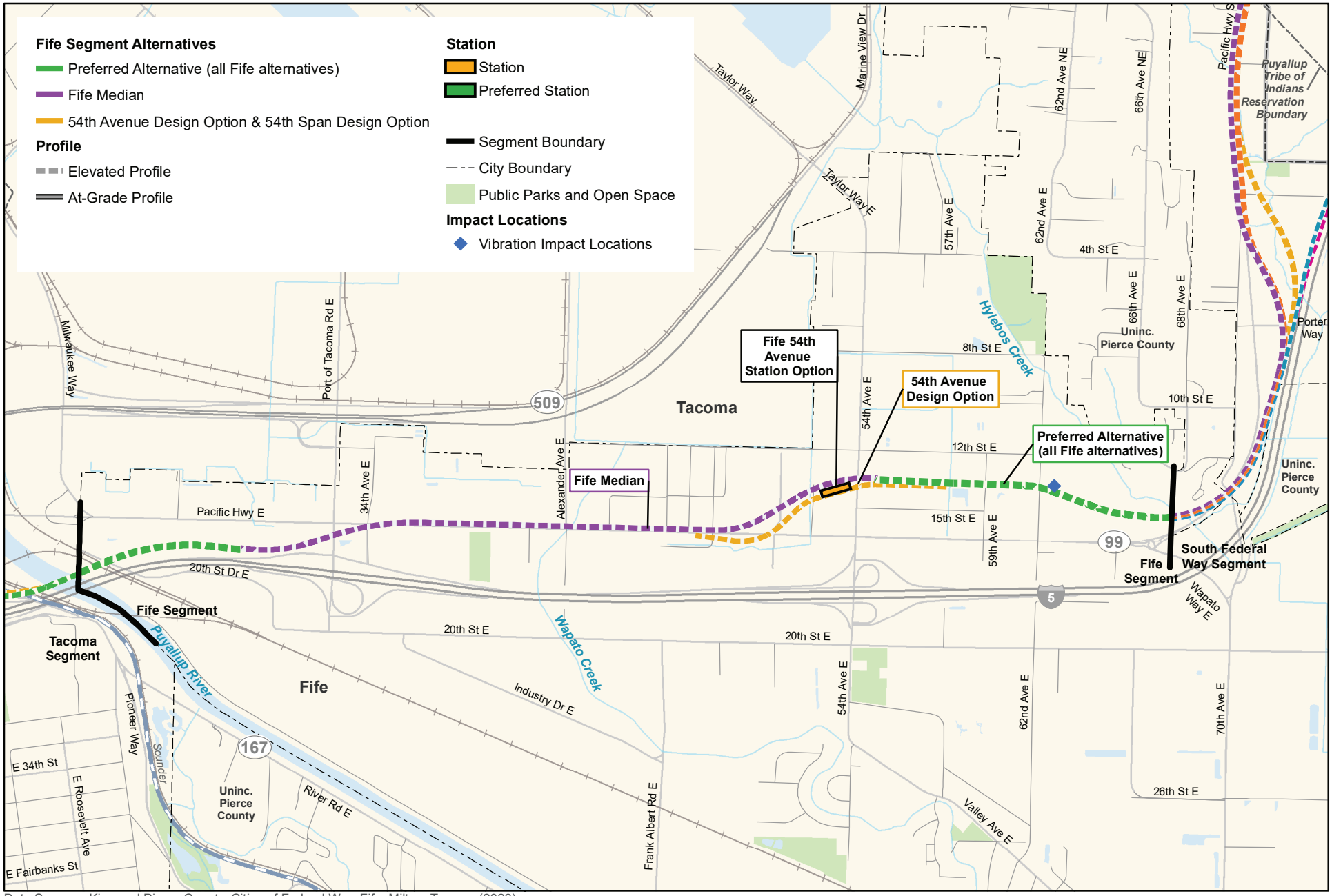

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-26
Vibration Impact Locations
Fife Median with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

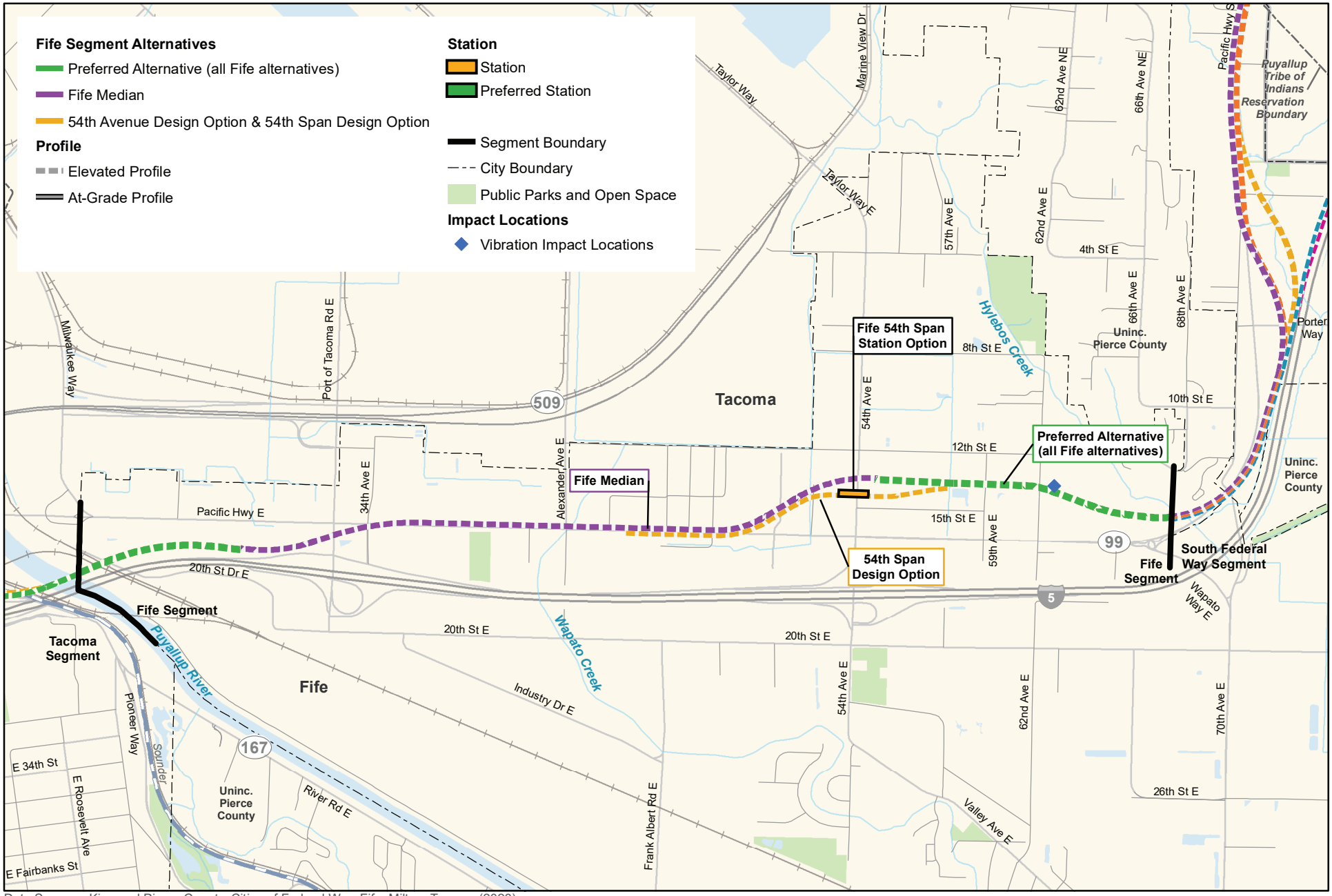

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-27
Vibration Impact Locations
Fife Median with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

For the Fife I-5 Alternative, the vibration impacts for the LRT operations are presented in Tables 6-35 and 6-36. Table 6-35 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Fife I-5 Alternative, and Table 6-36 includes the results for FTA Category 1 (special) and 3 (institutional) receptors for the Fife I-5 Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location.

The vibration impact is projected to occur at a single-family house and is due to the proximity of the proposed. The vibration impact locations are shown in Figure 6-28 for the Fife I-5 Alternative with the preferred Fife Station, Figure 6-29 for the 54th Avenue Design Option, and Figure 6-30 for the 54th Span Design Option. There is no difference in vibration impacts for the station options.

Table 6-35 Summary of FTA Category 2 Vibration Impacts for the Fife I-5 Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts[1]
68th Avenue E (segment boundary) to 62nd Avenue E	SB	81	73	20	72	1
62nd Avenue E to 58th Avenue E (preferred Fife Station)	NB	113	70	20	72	0
62nd Avenue E to 58th Avenue E (54th Avenue Design Option)	NB	118	60	20	72	0
62nd Avenue E to 58th Avenue E (54th Span Design Option)	NB	103	71	20	72	0
58th Avenue E to 54th Avenue E (preferred Fife Station)	NB	270	63	20	72	0
58th Avenue E to 54th Avenue E (54th Avenue Design Option)	NB	273	62	12.5	72	0
58th Avenue E to 54th Avenue E (54th Span Design Option)	NB	96	67	20	72	0
54th Avenue E to Willow Road E (54th Avenue Design Option)	SB	51	66	20	72	0
54th Avenue E to Willow Road E (54th Span Design Option)	SB	51	63	20	72	0
Willow Road E to Alexander Avenue E	SB	75	65	12.5	72	0
Alexander Avenue E to 34th Avenue E	SB	507	58	12.5	72	0
34th Avenue E to Puyallup River	SB	132	68	12.5	72	0
Total Fife I-5 Alternative with preferred Fife Station						**1**
Total Fife I-5 with 54th Avenue Design Option						**1**
Total Fife I-5 with 54th Span Design Option						**1**

Note:

(1) The number of impacts counts the individual residential units with projected vibration impacts. Uses such as multi-family residential have multiple individual residential units on a parcel.

Table 6-36 Summary of FTA Category 1 and 3 Vibration Impacts for the Fife I-5 Alternative – All Design Options

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
St. Paul Chong Hasang Korean Catholic Community Church (preferred Fife Station)	NB	96	75	20	75	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Avenue Design Option)	NB	111	68	20	75	0
St. Paul Chong Hasang Korean Catholic Community Church (54th Span Design Option)	NB	85	63	20	75	0
New Horizon Christian Center (preferred Fife Station)	NB	249	64	10	75	0
New Horizon Christian Center (54th Avenue Design Option)	NB	225	63	20	75	0
Puyallup Tribe Integrative Medicine[1]	NB	166	66	12.5	66	0
Total Fife I-5 Alternative with preferred Fife Station						**0**
Total Fife I-5 with 54th Avenue Design Option						**0**
Total Fife I-5 with 54th Span Design Option						**0**

Note:

(1) The Puyallup Tribe Integrative Medicine facility is a Category 1 receptor.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-28
Vibration Impact Locations
Fife I-5 Alternative
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-29
Vibration Impact Locations
Fife I-5 with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 6-30
Vibration Impact Locations
Fife I-5 with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

6.3.4 Tacoma Segment

For the Preferred Tacoma 25th Street-West Alternative, the vibration impacts for the LRT operations are presented in Tables 6-37 and 6-38. Table 6-37 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Preferred Tacoma 25th Street-West Alternative. Table 6-38 includes the results for FTA Category 3 (institutional) receptors with primarily daytime use. There are no FTA Category 1 (special) receptors for the Preferred Tacoma 25th Street-West Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location. There are no vibration impacts projected for the Preferred Tacoma 25th Street-West Alternative.

Table 6-37 Summary of FTA Category 2 Vibration Impacts for the Preferred Tacoma 25th Street-West Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Portland Avenue E to East L Street	NB	220	53	10	72	0
Portland Avenue E to East L Street	SB	83	53	10	72	0
East L Street to East G Street	NB	245	51	10	72	0
East G Street to East D Street	NB	416	51	10	72	0
East G Street to East D Street	SB	49	37	40	72	0
Total						**0**

Table 6-38 Summary of FTA Category 3 Vibration Impacts for the Preferred Tacoma 25th Street-West Alternative

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Cedar Wellness Center	NB	292	41	10	75	0
Total						**0**

For the Tacoma 25th Street-East Alternative, the vibration impacts for the LRT operations are presented in Tables 6-39 and 6-40. Table 6-39 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Tacoma 25th Street-East Alternative. Table 6-40 includes the results for FTA Category 3 (institutional) receptors with primarily daytime use. There are no FTA Category 1 (special) receptors for the Tacoma 25th Street-East Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location. There are no vibration impacts projected for the Tacoma 25th Street-East Alternative.

Table 6-39 Summary of FTA Category 2 Vibration Impacts for the Tacoma 25th Street-East Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Portland Avenue E to East L Street	NB	218	53	10	72	0
Portland Avenue E to East L Street	SB	85	53	10	72	0
East L Street to East G Street	NB	240	51	10	72	0
East G Street to East D Street	NB	458	51	10	72	0
East G Street to East D Street	SB	392	24	10	72	0
Total						**0**

Table 6-40 Summary of FTA Category 3 Vibration Impacts for the Tacoma 25th Street-East Alternative

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Cedar Wellness Center	NB	365	51	10	75	0
Total						**0**

For the Tacoma Close to Sounder Alternative, the vibration impacts for the LRT operations are presented in Tables 6-41 and 6-42. Table 6-41 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Tacoma Close to Sounder Alternative. Table 6-42 includes the results for FTA Category 3 (institutional) receptors with primarily daytime use. There are no FTA Category 1 (special) receptors for the Tacoma Close to Sounder Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location. There are no vibration impacts projected for the Tacoma Close to Sounder Alternative.

Table 6-41 Summary of FTA Category 2 Vibration Impacts for the Tacoma Close to Sounder Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Portland Avenue E to East L Street	NB	101	58	10	72	0
Portland Avenue E to East L Street	SB	193	53	10	72	0
East L Street to East G Street	NB	88	51	25	72	0
East G Street to East D Street	NB	331	51	10	72	0
East G Street to East D Street	SB	134	24	10	72	0
Total						**0**

Table 6-42 Summary of FTA Category 3 Vibration Impacts for the Tacoma Close to Sounder Alternative

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Cedar Wellness Center	NB	208	51	10	75	0
Total						**0**

For the Tacoma 26th Street Alternative, the vibration impacts for the LRT operations are presented in Tables 6-43 and 6-44. Table 6-43 includes the results for FTA Category 2 (residential) receptors with both daytime and nighttime sensitivity to vibration for the Tacoma 26th Street Alternative. Table 6-44 includes the results for FTA Category 3 (institutional) receptors with primarily daytime use. There are no FTA Category 1 (special) receptors for the Tacoma 26th Street Alternative.

The results include a tabulation of location information for each sensitive receptor group, the projections of future vibration levels, the impact criteria, and the total number of vibration impacts for each location. There are no vibration impacts projected for the Tacoma 26th Street Alternative.

Table 6-43 Summary of FTA Category 2 Vibration Impacts for the Tacoma 26th Street Alternative

Location	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Portland Avenue E to East L Street	NB	93	58	10	72	0
Portland Avenue E to East L Street	SB	201	53	10	72	0
East L Street to East G Street	NB	80	53	25	72	0
East G Street to East D Street	NB	41	64	40	72	0
East G Street to East D Street	SB	424	24	10	72	0
Total						**0**

Table 6-44 Summary of FTA Category 3 Vibration Impacts for the Tacoma 26th Street Alternative

Name	Side of Track	Distance to Near Track (feet)	Project 1/3 Octave Band Maximum Vibration Level (VdB)	Project Vibration 1/3 Octave Band Frequency (Hz)	FTA Criterion (VdB)	# of Impacts
Cedar Wellness Center	SB	68	56	10	75	0
Total						**0**

6.4 Minimum Operable Segment

If TDLE is constructed in phases, the minimum operable segment (M.O.S.) to the station in South Federal Way and, to a lesser degree, the M.O.S. to the station in Fife would have the same type of noise and vibration impacts, but in a smaller geographic area. For example, the M.O.S. to the station in South Federal Way would avoid or delay all of the potential noise or vibration impacts identified in the Fife and Tacoma Segments as well as the impacts identified south of the proposed station location. Similarly, the M.O.S. to the station in Fife would avoid or delay all of the potential noise or vibration impacts for Tacoma and many of the potential impacts in the Fife Segment. At each of the M.O.S. stations, functions associated with being the terminus station, such as differences in parking and feeder bus operations, could have a minor increase in noise near those stations until the rest of TDLE was constructed.

6.5 Park-and-Ride Noise

The project noise levels for the four park-and-ride locations (and options) are presented in Table 6-45. This table includes the results for closest residential receptors for each of the facilities. In addition to the distances to the nearest entrance to the park-and-ride, Table 6-45 includes the project noise levels and the WAC noise criterion. There are no WAC exceedances for any of the park-and-ride facilities.

Table 6-45 Summary of WAC Noise Assessment for Park-and-Ride Facilities

Location	Distance to Closest Residence (feet)	Project Noise Level (dBA)	WAC Criterion (dBA)	Exceedance?
South Federal Way I-5 Station[1]	173	45	60	No
South Federal Way I-5 Station – Surface Parking Option	170	43	60	No
Fife Station (preferred alternative)	490	41	60	No
Fife Station (preferred alternative)– Surface Parking Option	290	41	60	No
Fife 54th Avenue Design Option	540	42	60	No
Fife 54th Avenue Design Option– Surface Parking Option	468	40	60	No
Fife 54th Span Design Option	270	41	60	No
Fife 54th Span Design Option– Surface Parking Option	270	41	60	No

Note:

(1) There are no noise sensitive receivers near the park-and-ride at the SF Enchanted Parkway, SF 352nd Span, or SF 99-Enchanted station locations in the South Federal Way Segment.

6.6 Traffic Noise

The results of the traffic noise study near the Belmor community, located south of S 324th Street in the Federal Way Segment, are detailed in Attachment G. One traffic noise impact was identified due to the changes to the barriers and berm that parallel I-5. An additional eight noise impacts were identified due to the combination of the highway noise and light rail noise exceeding the WSDOT threshold for impact. The locations of the impacts are shown in Figure 6-31. Additional details regarding the traffic noise assessment are contained in Attachment G.

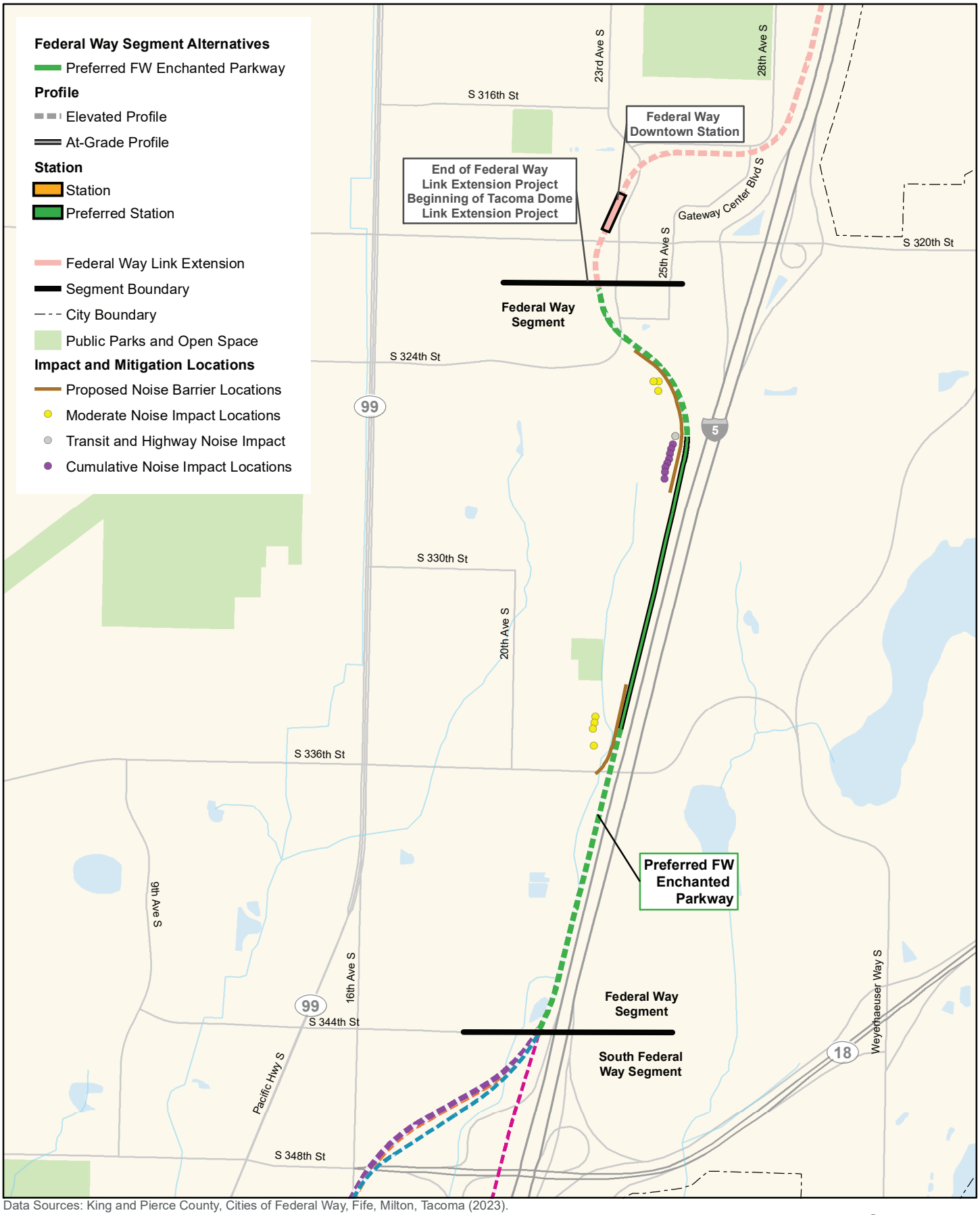

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 6-31
Traffic Noise Impact Locations South of S 324th Street
Preferred FW Enchanted Parkway Alternative
Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

6.7 Construction Noise

Elevated noise levels from construction activities are, to a degree, unavoidable for this type of project. For most construction equipment, diesel engines are typically the dominant noise source. For other activities, such as impact pile driving and jackhammering, noise generated by the actual process dominates. Short-term noise during construction of the project can be intrusive to residents near the construction sites. Most of the construction would consist of site preparation, constructing the LRT guideway, and laying new tracks and would occur primarily during daytime hours. At some locations, more extensive work would occur, such as pile driving for elevated structures and retaining walls. Nighttime work may be required in some location or for specific activities. City noise ordinance procedures would be followed, and waivers or noise variance would be obtained as required.

Table 3-1 shows noise levels of typical construction equipment from the FTA guidance manual in terms of the maximum levels at 50 feet. Construction noise predictions at noise-sensitive locations depend on the amount of noise during each construction phase, the duration of the noise, and the distance from the construction activities to the sensitive receptor. Table 6-46 provides an example of a construction noise projection for typical at-grade track construction. Construction noise projections for other project features, such as station or parking facilities, would have similar results. Specific construction scenarios would be developed during the preparation of the construction noise and vibration plan, when more information on methods, equipment, and durations is available. Using these assumptions, an 8-hour Leq of 88 dBA would be projected at a distance of 50 feet from the construction site.

Table 6-46 Typical Construction Scenario, At-Grade Track

Equipment Type	Typical Noise Level at 50 feet (dBA)	Equipment Utilization Factor (%)	Leq (dBA)
Grader	85	50	82
Backhoe	80	40	76
Compactor	82	20	75
Loader	85	20	78
Roller	74	20	67
Truck	88	40	84
Crane, mobile	83	20	76
Total 8-hour workday Leq at 50 feet:			**88**

Using the criteria in Section 4.3 and the example for at-grade construction in Table 6-46, screening distances for at-grade track construction noise impact can be determined. For residential land use, the potential for short-term at-grade track construction noise impact could extend to approximately 120 feet from the corridor; however, if nighttime construction is conducted, the potential for short-term noise impact from at-grade construction could extend to approximately 380 feet from the corridor. For elevated structure construction, the distance for noise impacts during the daytime could be up to 250 feet for impact pile driving, assuming a usage factor of 20 percent during the day. If alternative methods of piling, such as vibratory, are used the distance to impact could be less. When a specific piling method is determined, a screening distance will be calculated.

Based on the distances above, there would be approximately 500 receivers within the daytime screening distance and approximately 1,500 receivers within the nighttime screening distance for all alternatives.

6.8 Construction Vibration

Unlike typical LRT operations, there is the potential for damage to nearby structures at close distances due to construction vibration from activities, such as pile driving, hoe rams, vibratory compaction, and loaded trucks. Most limits on construction vibration are based on reducing the potential for damage to nearby structures. Although construction vibrations are only temporary, the potential for human annoyance and damage is assessed.

As a conservative approach, the non-engineered timber and masonry construction category (Category 3) has been used to assess the potential for construction vibration impacts, as described in Section 4.4. A vibration criterion of 94 VdB has been used to assess potential damage impact, and 72 VdB has been used to assess potential vibration annoyance from construction activities. Vibration source levels at 25 feet and the distances to potential residential annoyance and potential damage are shown in Table 6-47. With the exception of impact pile driving, the potential for damage is limited to within 25 feet of construction activities. For impact pile driving, the distance for the potential for damage is up to 55 feet. There are sensitive receptors within 25 feet of the project alternatives in the Federal Way Segment in Belmor, and there are several others within 55 feet at other locations as well. However, any potential for impacts would depend on the piling method chosen.

Because the exact location of construction equipment is important in projecting vibration levels, a more detailed assessment of potential vibration damage would be performed during final design when more accurate equipment locations are known.

Table 6-47 Summary of Potential Construction Vibration Impacts

Equipment Type	Typical Vibration Level at 25 feet (VdB)	Distance for Potential Damage (feet)	Distance for Potential Annoyance (feet)
Impact pile driving	104	55	290
Push piling	84	25	125
Hoe ram	87	15	80
Caisson drilling	87	15	80
Loaded trucks	86	15	75
Clam shovel	94	25	135
Vibratory roller	94	25	135

7 CUMULATIVE IMPACTS

Cumulative impacts for TDLE would be associated with the planned OMF South project. If either the Preferred South 336th Street Alternative or the South 344th Street Alternative is constructed for OMF South, there would be additional noise for residences adjacent to both projects, primarily just to the north of S 336th Street. However, there would be no additional FTA or WAC noise or FTA vibration impacts associated with the cumulative effects of the two projects. All noise impacts associated with the OMF South project on the mainline track are a subset of the noise impacts identified for TDLE.

Some cumulative noise impacts for a small number of receptors south of S 324th Street are possible with the plan to extend S 324th Street across I-5 to the east as part of the Federal Way City Center Access Project. The changes along I-5 are captured in the traffic noise assessment as described in Attachment G.

8 MITIGATION

8.1 Operational Noise

The Link Light Rail Noise and Vibration Policy (Resolution No. R2023-15) sets source mitigation as the preferred method of mitigation, followed by path mitigation, such as noise barriers, and then receiver mitigation, which would include sound insulation of properties. There are several methods of noise mitigation available, including:

- **Noise Barriers:** Installation of noise barriers beside the tracks is commonly used to reduce noise from surface transportation sources. Depending on the height and location relative to the tracks, noise barriers can achieve between 5 and 15 dB of noise reduction. The primary requirements for an effective noise barrier are that (1) the barrier must be high enough and long enough to break the line of sight between the sound source and the receiver, (2) the barrier must be of an impervious material with a minimum surface density of 4 pounds per square foot, and (3) the barrier must not have any gaps or holes between the panels or at the bottom. Because many materials meet these requirements, the selection of materials for noise barriers is usually dictated by aesthetics, durability, cost, and maintenance considerations. Noise barriers for transit projects typically range in height from 8 to 12 feet for at-grade track and 4 to 6 feet in height on elevated structures.
- **Building Sound Insulation:** Although sound insulation of buildings has no effect on noise in exterior areas, it may be the best choice for sites where noise barriers are not feasible or desirable and for buildings where indoor sensitivity is of most concern. Substantial improvements in building sound insulation (on the order of 5 to 10 dBA) can often be achieved by adding an extra layer of glazing to the windows, by sealing holes in exterior surfaces that act as sound leaks, and by providing forced ventilation and air-conditioning so that windows do not need to be opened.

The most effective type of mitigation at most locations would be noise barriers. For locations with impacts to single isolated residences, the most effective mitigation measure could be building sound insulation. The approximate locations and lengths of the proposed noise barriers are shown in Table 8-1 and Figures 8-1 and 8-2 for the Federal Way Segment; Tables 8-2 and 8-3 and Figures 8-3 through 8-6 for South Federal Way; Table 8-4 and Figures 8-7 through 8-15 for the Fife Segment; and Table 8-5 and Figures 8-16 through 8-18 for the Tacoma Segment. For locations in the figures where barriers are not identified, where impacts cannot be fully

mitigated with barriers alone, or where mitigation/relocation of crossovers is not identified, sound insulation would be the most effective mitigation measure.

The following crossovers would need additional mitigation:

- The crossover associated with the pocket track on the SF Enchanted Parkway Alternative.
- The crossover near the St. Paul Chong Hasang Korean Catholic Church in Fife for all Fife. alternatives that include the preferred Fife Station.
- The crossover on the Tacoma Close to Sounder Alternative.
- The crossover on the Tacoma 26th Street Alternative.

With the recommended noise mitigation, including potential additional sound insulation at barrier locations, there would be no residual impacts at noise barrier locations and all noise impacts would be at a level below the FTA threshold for moderate noise impacts. During final design, all impacts will be verified, and mitigation detail designed. Mitigation may be eliminated or modified if the final design analysis finds no impacts or more cost-effective mitigation.

Table 8-1 Summary of Potential Noise Barrier Locations for the Federal Way Segment

Project Alternative	Location	Side of Track	Civil Station	Noise Barrier Length (feet)[1]	Noise Barrier Height (feet)
Preferred FW Enchanted Parkway Alternative	S 324th Street to S 330th Street	SB	1508+00 to 1524+50	1,650	4
FW Enchanted Parkway Alternative with Design Option	S 333rd Street to S 336th Street	SB	1543+50 to 1553+00	950	4
FW Enchanted Parkway Alternative with Design Option	S 324th Street to S 330th Street	SB	1509+00 to 1523+50	1,450	4

Note:
(1) All 4-foot-high barriers would be on elevated structures or retained-fill sections above the ground elevation of receivers and should be placed at the edge of the structure.

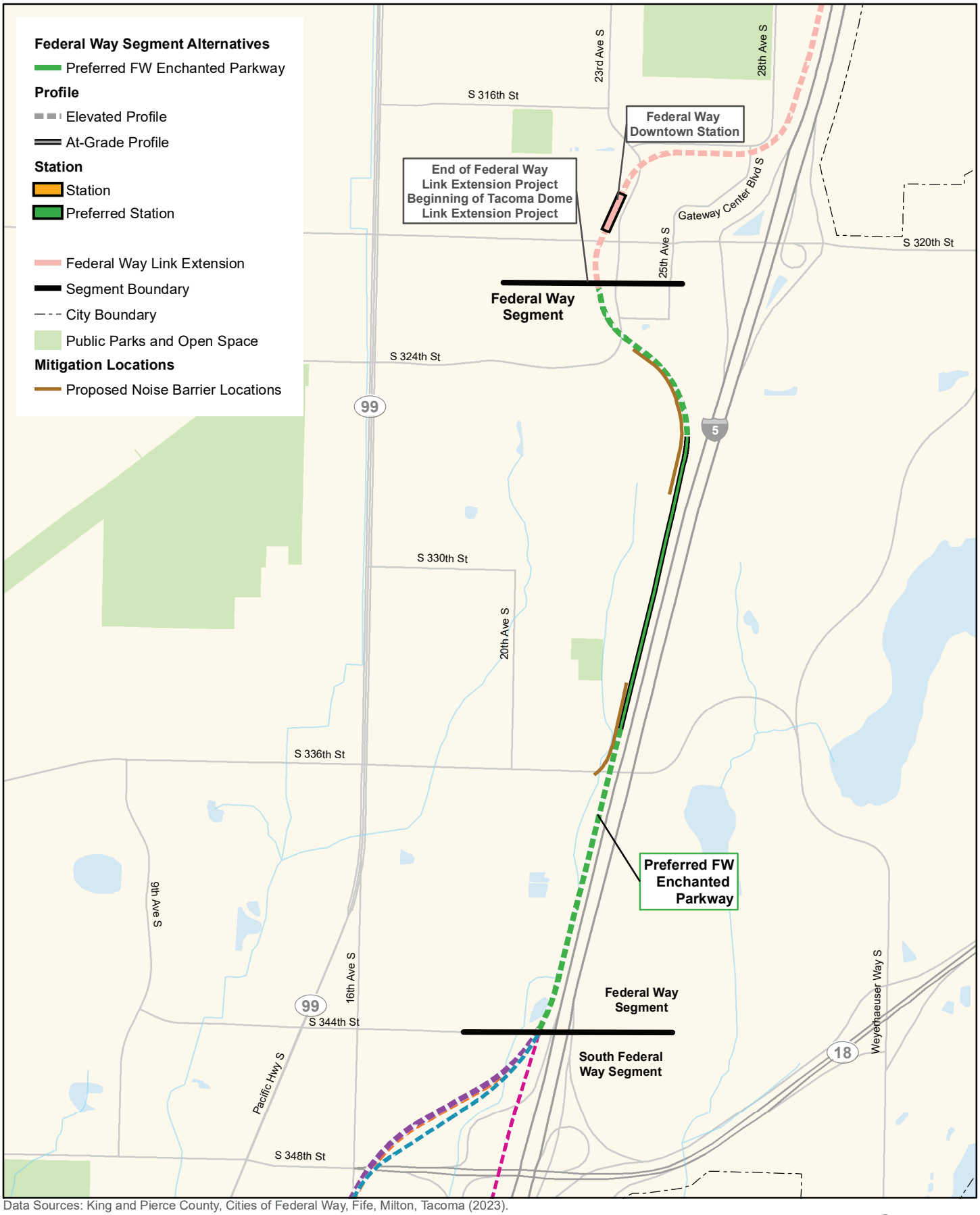

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-1
Potential Noise Barrier Locations
Preferred FW Enchanted Parkway Alternative
Federal Way Segment

Tacoma Dome Link Extension

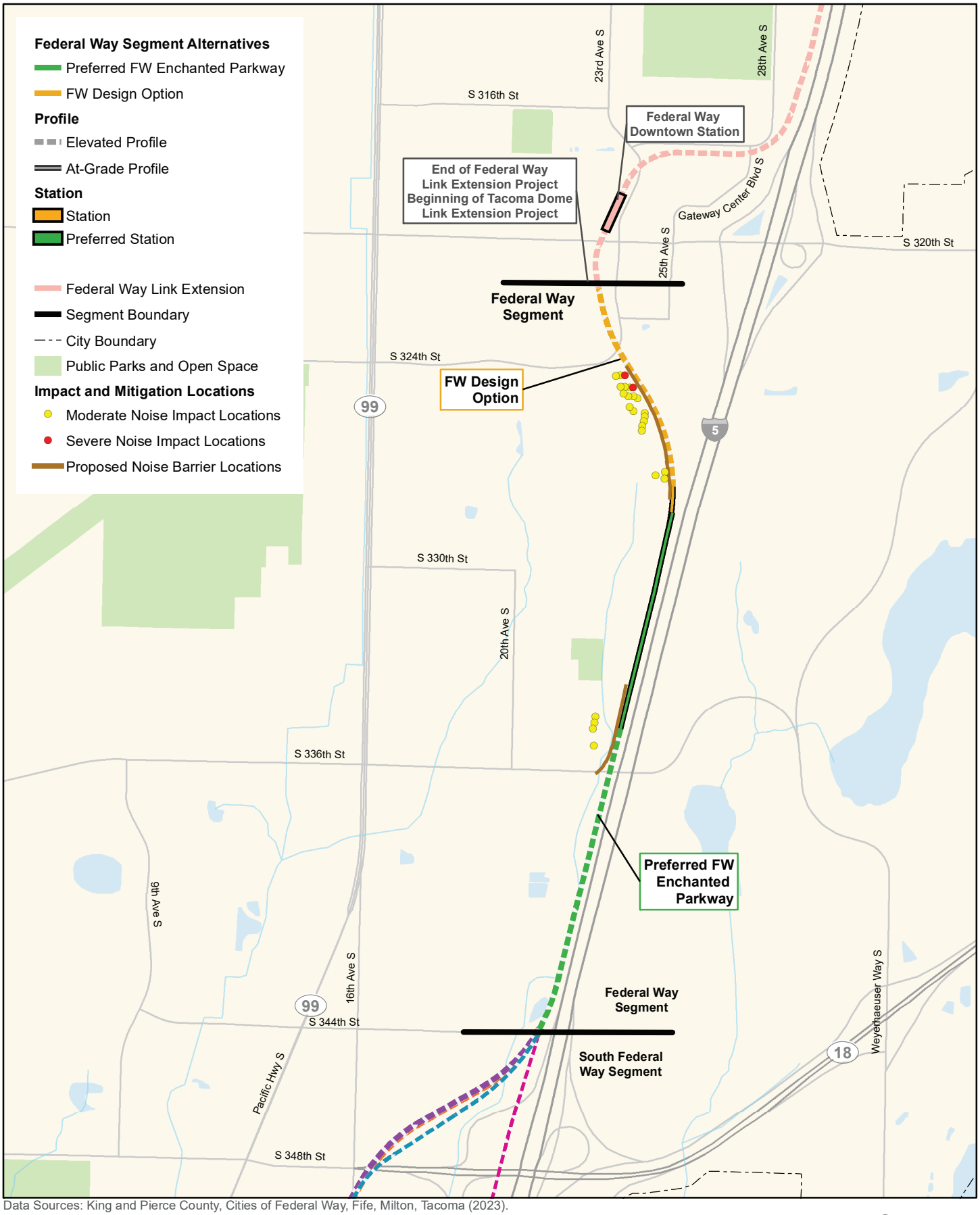

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-2
Potential Noise Barrier Locations
FW Design Option
Federal Way Segment

Tacoma Dome Link Extension

Table 8-2 Summary of Potential Noise Barrier Locations for the South Federal Way Segment

Project Alternative	Location	Side of Track	Civil Station	Noise Barrier Length (feet)[1]	Noise Barrier Height (feet)
SF Enchanted Parkway	S 356th Street to S 364th Way	SB	1630+00 to 1641+00	1,100 [2]	4
SF 99-East and SF 99-West	S 344th Street to S 348th Street	NB	1602+50 to 1594+50	800	4
SF 99-East and SF 99-West	S 364th Street to S 373rd Street	NB	1669+00 to 1673+00	400	4
SF 99-West	S 364th Street to S 373rd Street	SB	1670+00 to 1677+00	700	4
SF 99-East	S 364th Street to S 373rd Street	NB	1686+00 to 1690+00	400	4
SF 99-East	S 373rd Street to Johnson Road NE	NB	1707+00 to 1715+00	800	4
SF 99-East and SF 99-West	S 373rd Street to Johnson Road NE	SB	1715+50 to 1722+50	700	4
SF 99-East	S 373rd Street to Johnson Road NE	NB	1719+00 to 1723+50	450	4
SF 99-East and SF 99-West[3]	Johnson Road NE to Porter Way	SB	1736+50 to 1740+50	400	4
SF 99-East and SF 99-West	Johnson Road NE to Porter Way	SB	1745+50 to 1750+00	400	4
All Alternatives	Porter Way to 10th Street E	SB	1765+50 to 1770+00	450	4
All Alternatives	10th Street E to 68th Avenue E (segment boundary)	SB	1787+50 to 1792+50	500	4

Notes:

(1) All 4-foot-high barriers would be on elevated structures at the edge of the structure.

(2) The crossover associated with the pocket track at this location would also need to have mitigation applied.

(3) Barriers at this location apply to SF 99-West or SF 99-East alternatives with or without the Porter Way Design Option.

Table 8-3 Summary of Potential Sound Insulation Locations for the South Federal Way Segment

Alternative	Location	Side of Track	Civil Station	Parcel Number
SF Enchanted Parkway and SF I-5	11th Place S to S 372nd Way	SB	1826+00	36890
SF Enchanted Parkway and SF I-5	S 372nd Way to S 376th Street	SB	1840+00	41804
SF 99-East	S 364th Street to S 373rd Street	SB	1686+00	41267
SF 99-East and SF 99-West	S 373rd Street to Johnson Road NE	SB	1703+00	41794
SF 99-East and SF 99-West	S 373rd Street to Johnson Road NE	NB	1724+00	42244
SF 99-West	S 359th Street to S 364th Way	SB	1649+00	32857
SF 99-West	S 364th Street to S 373rd Street	NB	1688+00	38099
SF 99-West	S 373rd Street to Johnson Road NE	NB	1720+00	42166

Note:

No locations were identified along the Porter Way Design Option for the SF 99-West or SF 99-East alternatives.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-3
Potential Noise Barrier Locations
SF Enchanted Parkway Alternative
South Federal Way Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-4
Potential Noise Barrier Locations
SF I-5 Alternative
South Federal Way Segment

Tacoma Dome Link Extension

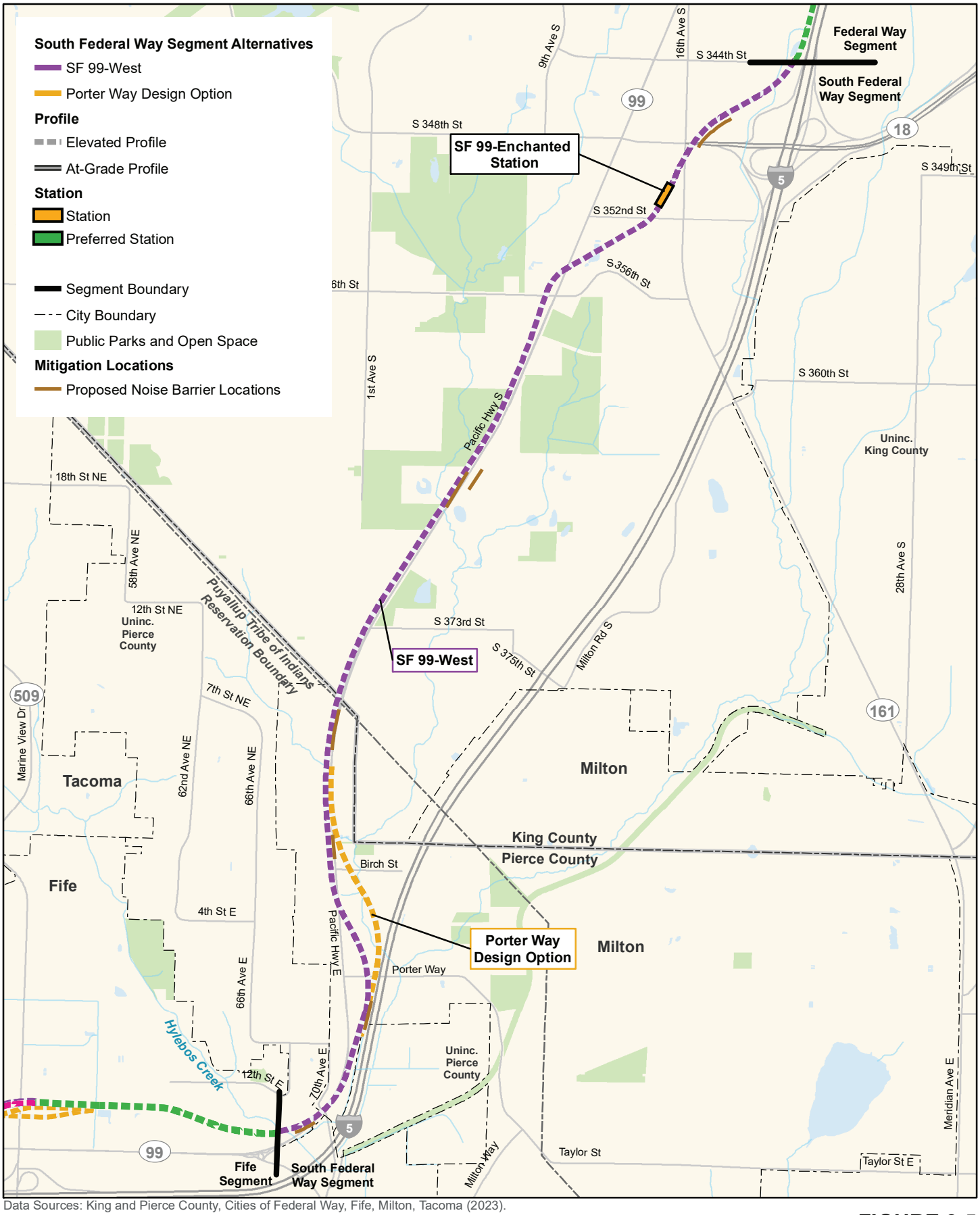

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 8-5
Potential Noise Barrier Locations
SF 99-West Alternative with Porter Way Design Option
South Federal Way Segment

N

0 0.5 1 Mile

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-6
Potential Noise Barrier Locations
SF 99-East Alternative with Porter Way Design Option
South Federal Way Segment

Tacoma Dome Link Extension

Table 8-4 Summary of Potential Noise Barrier Locations for the Fife Segment

Project Alternative	Location	Side of Track	Civil Station	Noise Barrier Length (feet)[1]	Noise Barrier Height (feet)
All Alternatives (all station options)	68th Avenue E (segment boundary) to 62nd Avenue E	SB	1952+00 to 1956+00	400	4
All Alternatives (preferred Fife Station)	62nd Avenue E to 54th Avenue E	NB	1954+50 to 2010+50	2,550	4
All Alternatives (54th Avenue Design Option)	62nd Avenue E to 58th Avenue E	NB	1953+50 to 1968+50	1,500	4
All Alternatives (54th Span Design Option)	62nd Avenue E to 54th Avenue E	NB	1953+50 to 1978+50	2,500	4
Fife I-5 (54th Avenue Design Option and 54th Span Design Option)	54th Avenue E to Willow Road E	SB	1987+50 to 1992+50	500	4
Fife Pacific Highway	Willow Road E to Alexander Avenue E	SB	2036+50 to 2038+50	200	4
Fife Median	Willow Road E to Alexander Avenue E	SB	2035+00 to 2038+50	350	4
Fife Pacific Highway and Fife Median	Willow Road E to Alexander Avenue E	NB	2039+50 to 2145+00	550	4
Fife I-5	Willow Road E to Alexander Avenue E	SB	2041+50 to 2048+00	650	4
Fife Pacific Highway and Fife Median	Alexander Avenue E to 34th Avenue E	NB	2062+50 to 2065+00	250	4
Fife Pacific Highway and Fife Median	Alexander Avenue E to 34th Avenue E	SB	2063+00 to 2065+50	250	4
Fife Pacific Highway and Fife Median	Alexander Avenue E to 34th Avenue E	NB	2068+50 to 2072+00	350	4
Fife I-5	Alexander Avenue E to 34th Avenue E	SB	2068+00 to 2072+00	400	4
Fife Pacific Highway and Fife Median	Alexander Avenue E to 34th Avenue E	SB	2073+50 to 2078+50	500	4
Fife Pacific Highway and Fife Median	34th Avenue E to Puyallup River	SB	2087+00 to 2092+00	500	4
Fife Pacific Highway and Fife Median	34th Avenue E to Puyallup River	SB	2095+00 to 2099+00	400	4
Preferred Alternative (all Fife alternatives)	Willow Road E to Alexander Avenue E	SB	2097+50 to 2200+50	2,450	4

Note:
(1) All 4-foot high barriers would be on elevated structures at the edge of the structure.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-7
Potential Noise Barrier Locations
Fife Pacific Highway Alternative
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-8
Potential Noise Barrier Locations
Fife Pacific Highway with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-9
Potential Noise Barrier Locations
Fife Pacific Highway with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-10
Potential Noise Barrier Locations
Fife Median Alternative
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-11
Potential Noise Barrier Locations
Fife Median with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-12
Potential Noise Barrier Locations
Fife Median with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-13
Potential Noise Barrier Locations
Fife I-5 Alternative
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-14
Potential Noise Barrier Locations
Fife I-5 with 54th Avenue Design Option
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-15
Potential Noise Barrier Locations
Fife I-5 with 54th Span Design Option
Fife Segment

Tacoma Dome Link Extension

Table 8-5 Summary of Potential Noise Barrier Locations for the Tacoma Segment

Project Alternative	Location	Side of Track	Civil Station	Noise Barrier Length (feet)[1]	Noise Barrier Height (feet)
Preferred Tacoma 25th Street-West and Tacoma 25th Street-East	Portland Avenue E to East L Street	NB	2251+00 to 2255+50	450	4
Tacoma Close to Sounder	Portland Avenue E to East L Street	NB	2252+00 to 2256+50	450	8
Preferred Tacoma 25th Street-West and Tacoma 25th Street-East	Portland Avenue E to East L Street	SB	2262+50 to 2264+50	200	4
Tacoma 26th Street	East G Street to East D Street	NB	2291+00 to 2294+00	300	4
Tacoma 26th Street	East G Street to East D Street	SB	2291+50 to 2295+50	400	4

Note:

(1) All 4-foot-high barriers would be on elevated structures at the edge of the structure. The 8-foot at-grade barrier would be located at approximately the edge of the right-of-way.

Table 8-6 Summary of Potential Sound Insulation Locations for the Tacoma Segment

Alternative	Location	Side of Track	Civil Station	Parcel Number
Preferred Tacoma 25th Street-West and Tacoma 25th Street-East	Portland Avenue E to E L Street	NB	2259+00	2376
Close to Sounder/ Tacoma 26th Street	Portland Avenue E to E L Street	NB	2265+00	2072

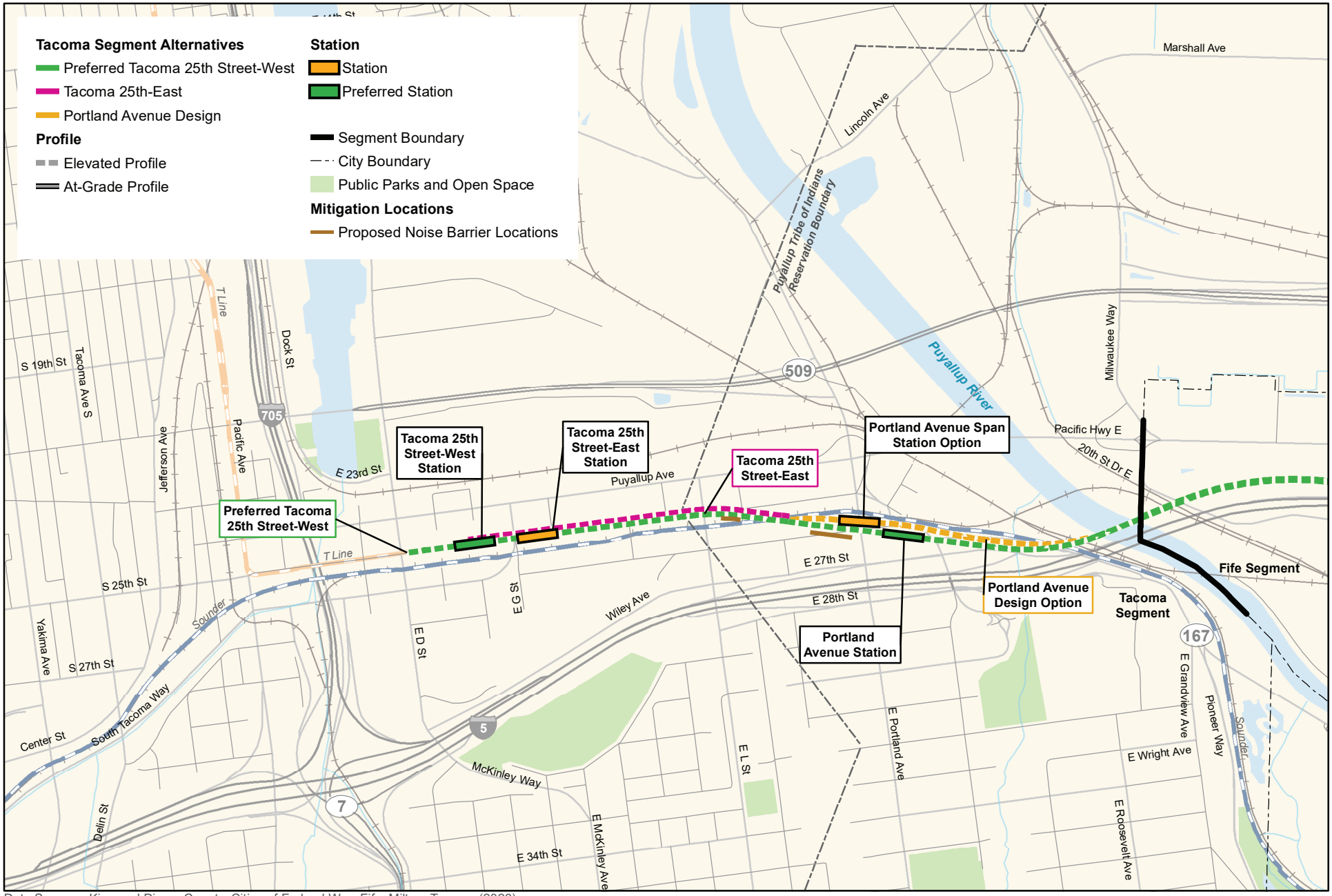

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-16

Potential Noise Mitigation Locations

Preferred Tacoma 25th Street-West and Tacoma 25th Street-East Alternatives

Tacoma Segment

Tacoma Dome Link Extension

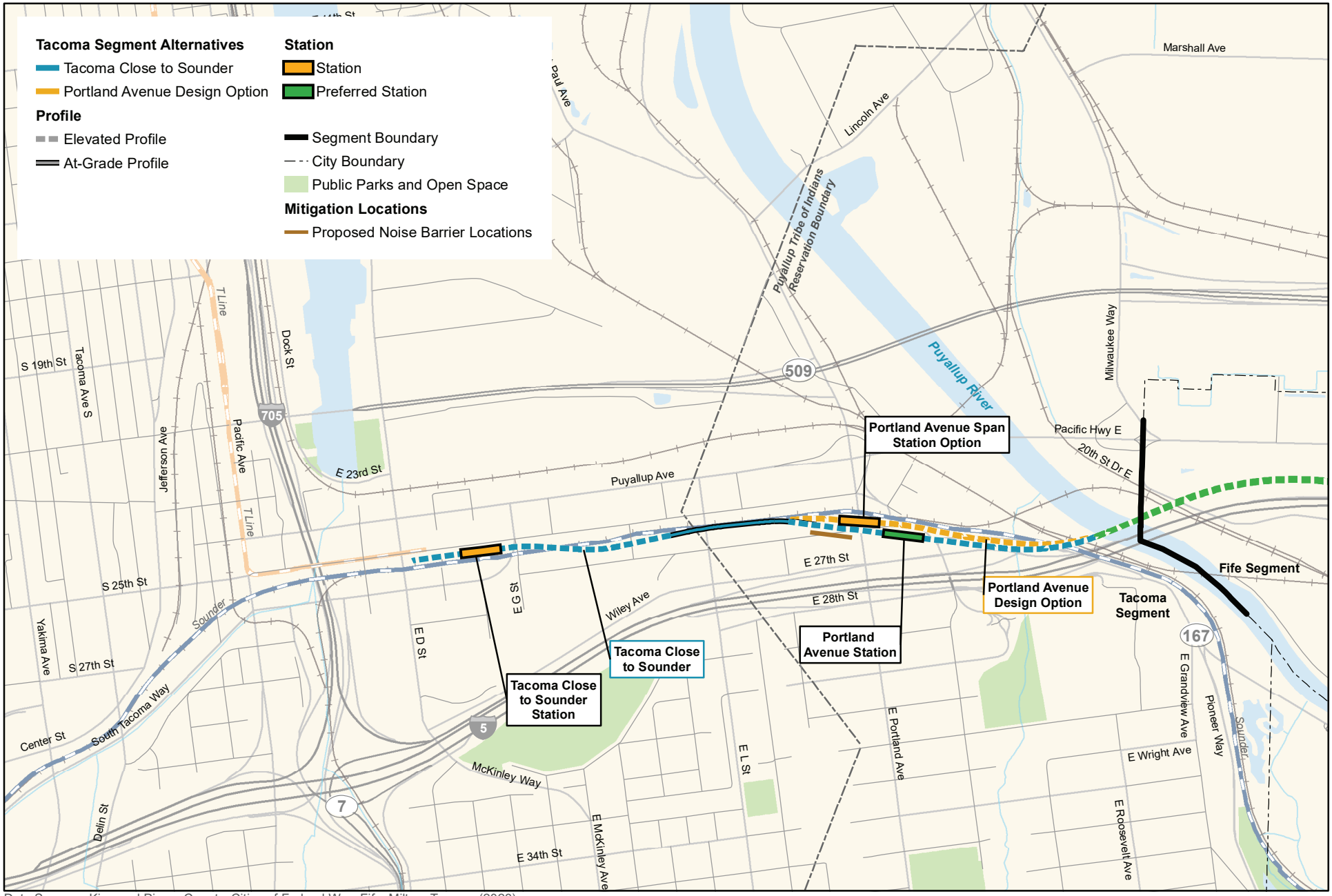

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-17
Potential Noise Barrier Locations
Tacoma Close to Sounder Alternative
Tacoma Segment

Tacoma Dome Link Extension

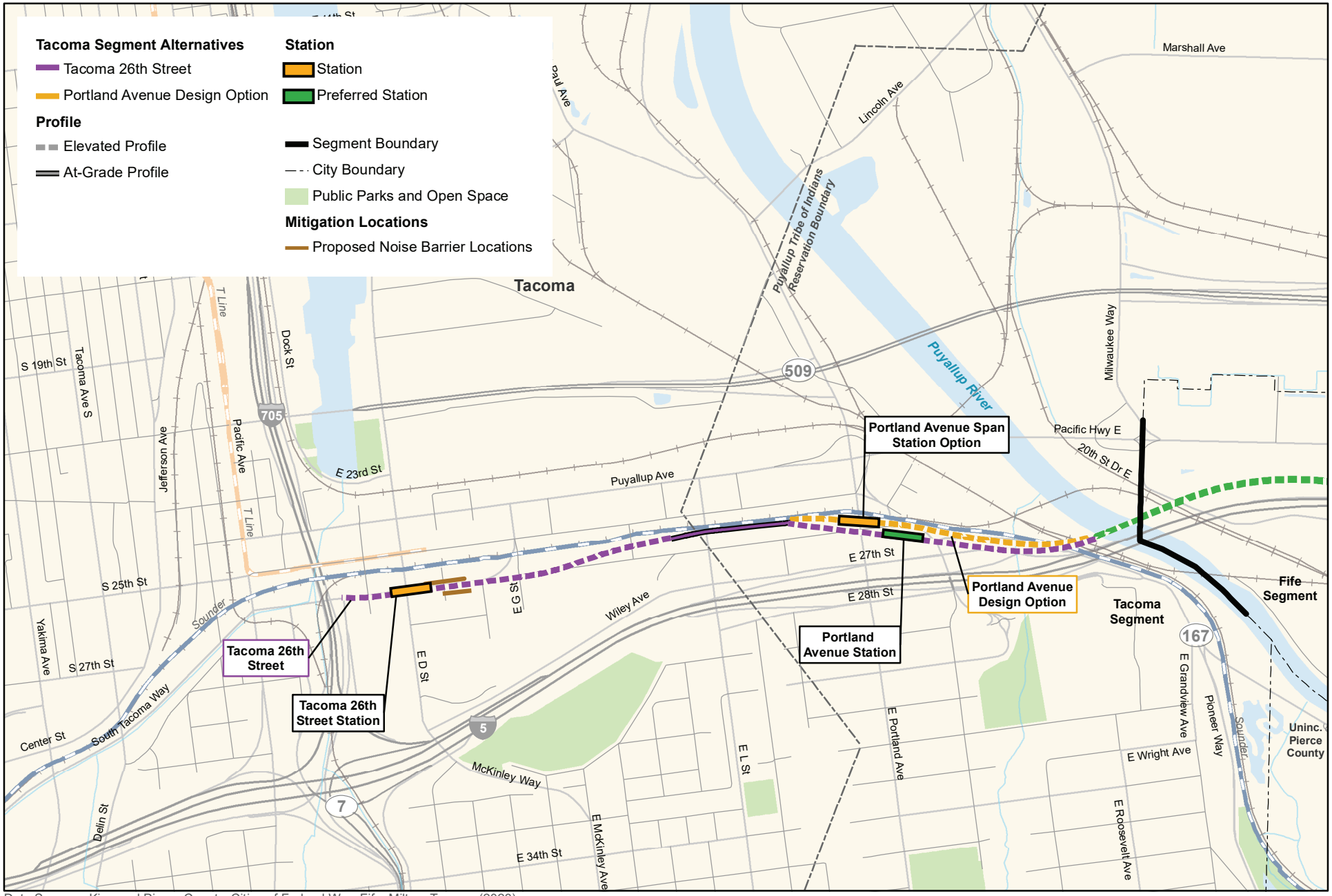

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-18
Potential Noise Barrier Locations
Tacoma 26th Street Alternative
Tacoma Segment

Tacoma Dome Link Extension

8.2 Operational Vibration

A number of different approaches have been used by rail transit systems to reduce ground-borne vibration. The most common vibration mitigation measures used on light rail systems consist of placing a resilient layer between the track and the soil. Some standard approaches for vibration mitigation are:

- **Ballast Mats:** A ballast mat is a pad made of rubber or other material placed underneath the ballast and mounted on top of an asphalt or concrete base. Ballast mats provide a modest reduction in vibration levels at frequencies above 40 Hz.
- **Resilient Fasteners:** Direct-fixation track fasteners are used to attach the rail to the concrete track slab in a tunnel or on an elevated structure. Resilient fasteners include a soft, resilient element to provide greater vibration isolation than standard rail fasteners in the vertical direction.
- **Floating Slabs:** Floating slab consists of a concrete slab supported by elastomer springs on a concrete foundation. The frequency range at which a floating slab is effective depends on the thickness of the slab and the stiffness of the springs. Floating slabs are very effective at reducing vibration levels, particularly at low frequencies. However, they are also very expensive.
- **Low-Impact Special Trackwork:** The impacts of vehicle wheels over rail gaps at special trackwork locations, such as turnouts and switches, can increase vibration levels by up to 10 decibels. If special trackwork cannot be located away from vibration-sensitive receivers, another approach is to use low-impact frogs. Spring-rail and movable point frogs allow the flangeway gap to remain closed in the main traffic direction for revenue service trains and can almost completely reduce the vibration increase caused by special trackwork. Monoblock frogs are milled out of a single block of steel, and their tolerances can be tighter than a traditional frog, which reduces the vibration increase. Flange-bearing frogs include a ramp to support the flange of the wheel to minimize banging. Well-designed mono-block and flange-bearing frogs can reduce the vibration level increase by about half compared with a standard frog.
- **Alternative Approaches:** There are alternative vibration mitigation approaches that may be applied under specific circumstances. Examples include increasing the thickness of the concrete under the track, specifying straighter rails, and building the track on top of pile foundation systems when the track would traverse very soft sections of soil.

Vibration predictions will be refined during final design before mitigation measures are finalized. Mitigation locations have been identified for the Fife Segments. There are no vibration impacts in the Federal Way, South Federal Way, or Tacoma Segments, and no mitigation is recommended. The approximate locations and lengths of the proposed vibration mitigation are shown in Table 8-7 and Figures 8-19 to 8-24 for the Fife Segments.

Table 8-7 Summary of Potential Vibration Mitigation Locations for the Fife Segment

Alternative(s)	Location	Civil Station	Length (feet)	Potential Mitigation
All Alternatives (all station options)	68th Avenue E (segment boundary) to 62nd Avenue E	1953+00 to 1955+00	200	Site Specific Vibration Testing Plus Receiver Mitigation
Fife Pacific Highway	Alexander Avenue E to 34th Avenue E	2069+00 to 2072+00	300	Site Specific Vibration Testing Plus Receiver Mitigation

Note:
(1) Crossover mitigation could also be considered at this location.

The vibration impacts identified for the alternatives in the Fife Segment would require additional testing and modeling to refine the projections and to determine the extent of the impacts and potential mitigation measures available. Additional testing inside affected structures would help to refine the vibration levels by determining the response of the foundations.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-19
Potential Vibration Mitigation Locations
Fife Pacific Highway Alternative
Fife Segment

Tacoma Dome Link Extension

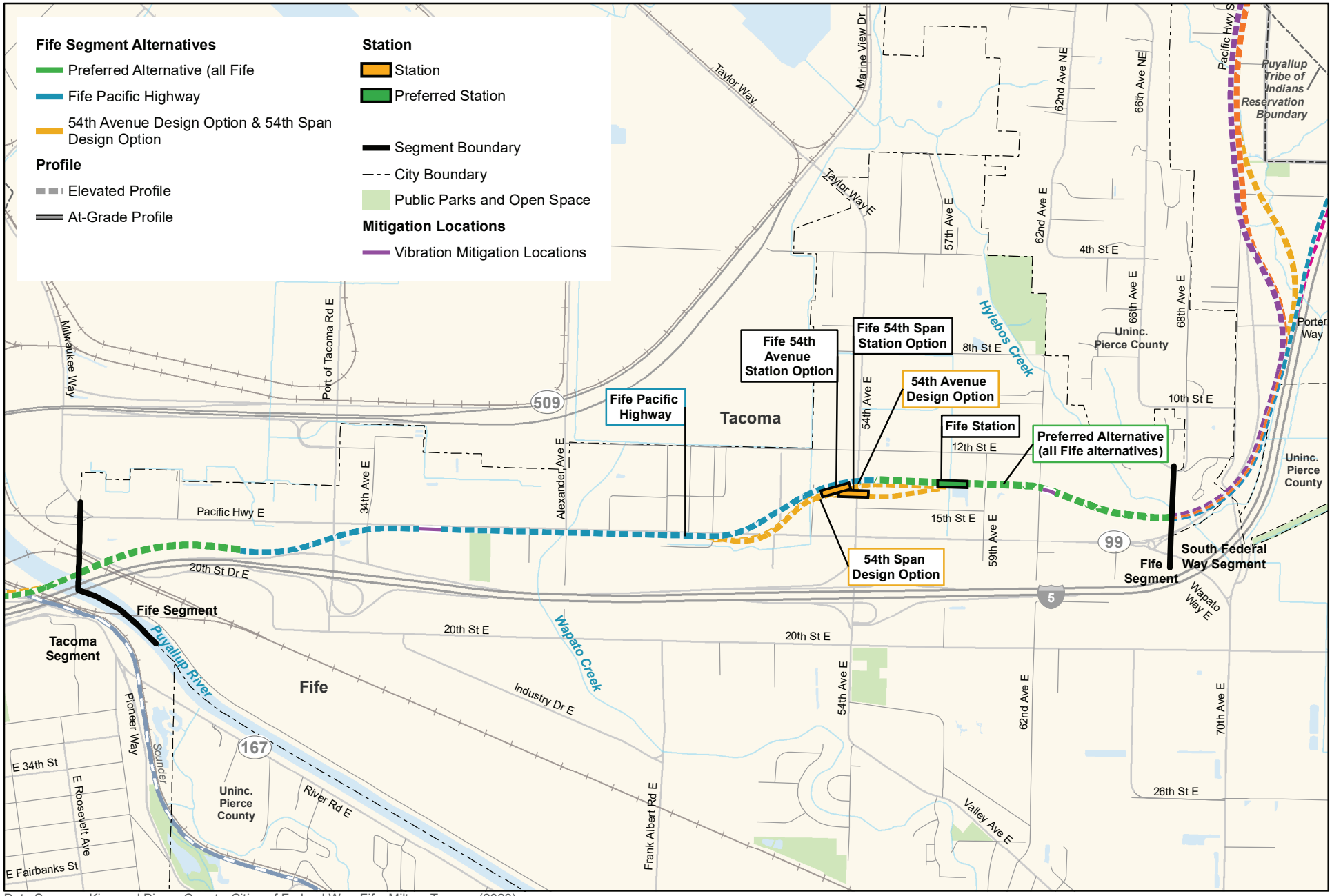

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-20

Potential Vibration Mitigation Locations

Fife Pacific Highway with 54th Avenue or 54th Span Design Options

Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-21
Potential Vibration Mitigation Locations
Fife Median Alternative
Fife Segment

Tacoma Dome Link Extension

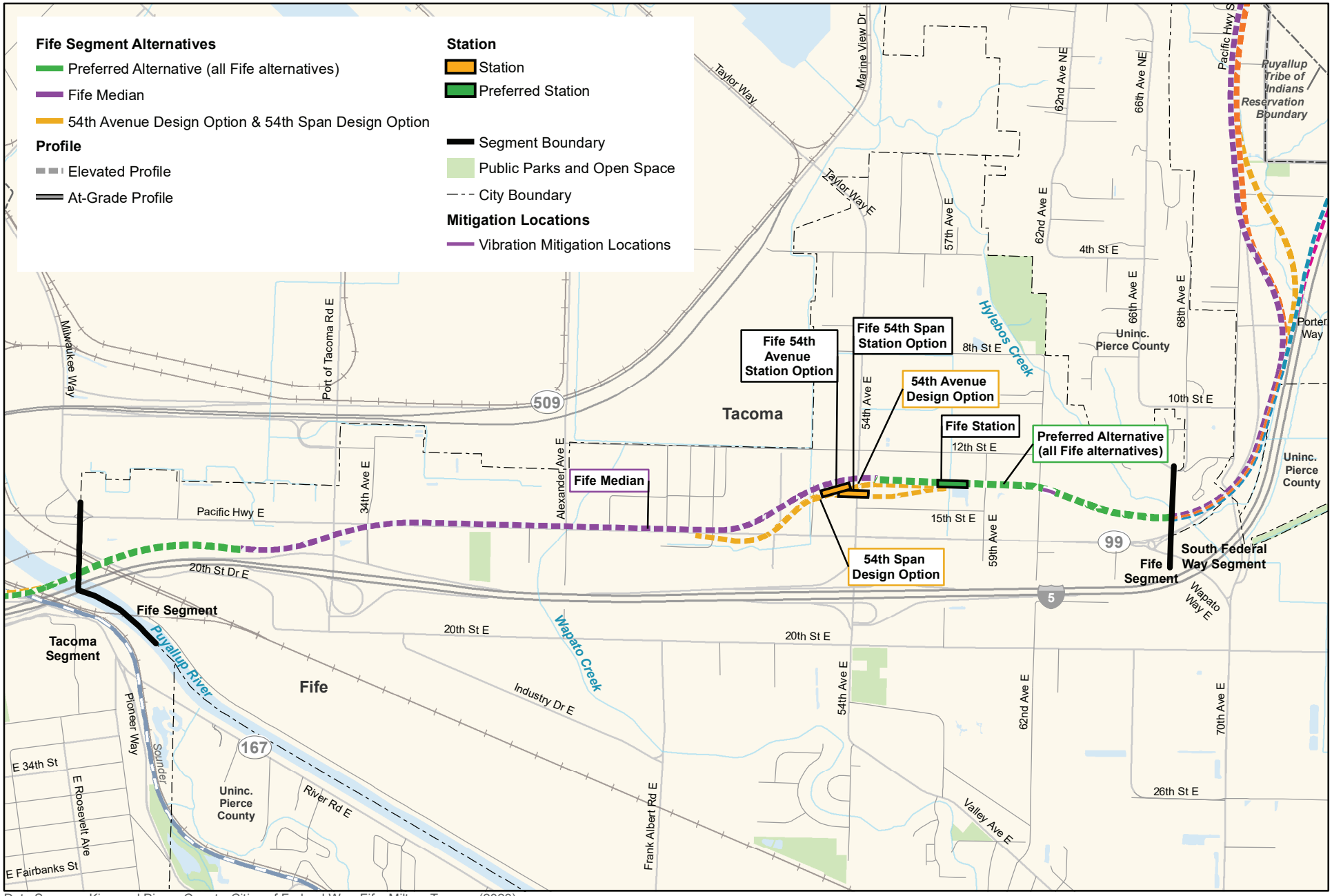

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-22
Potential Vibration Mitigation Locations
Fife Median with 54th Avenue and 54th Span Design Options
Fife Segment

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-23
Potential Vibration Mitigation Locations
Fife I-5 Alternative
Fife Segment

Tacoma Dome Link Extension

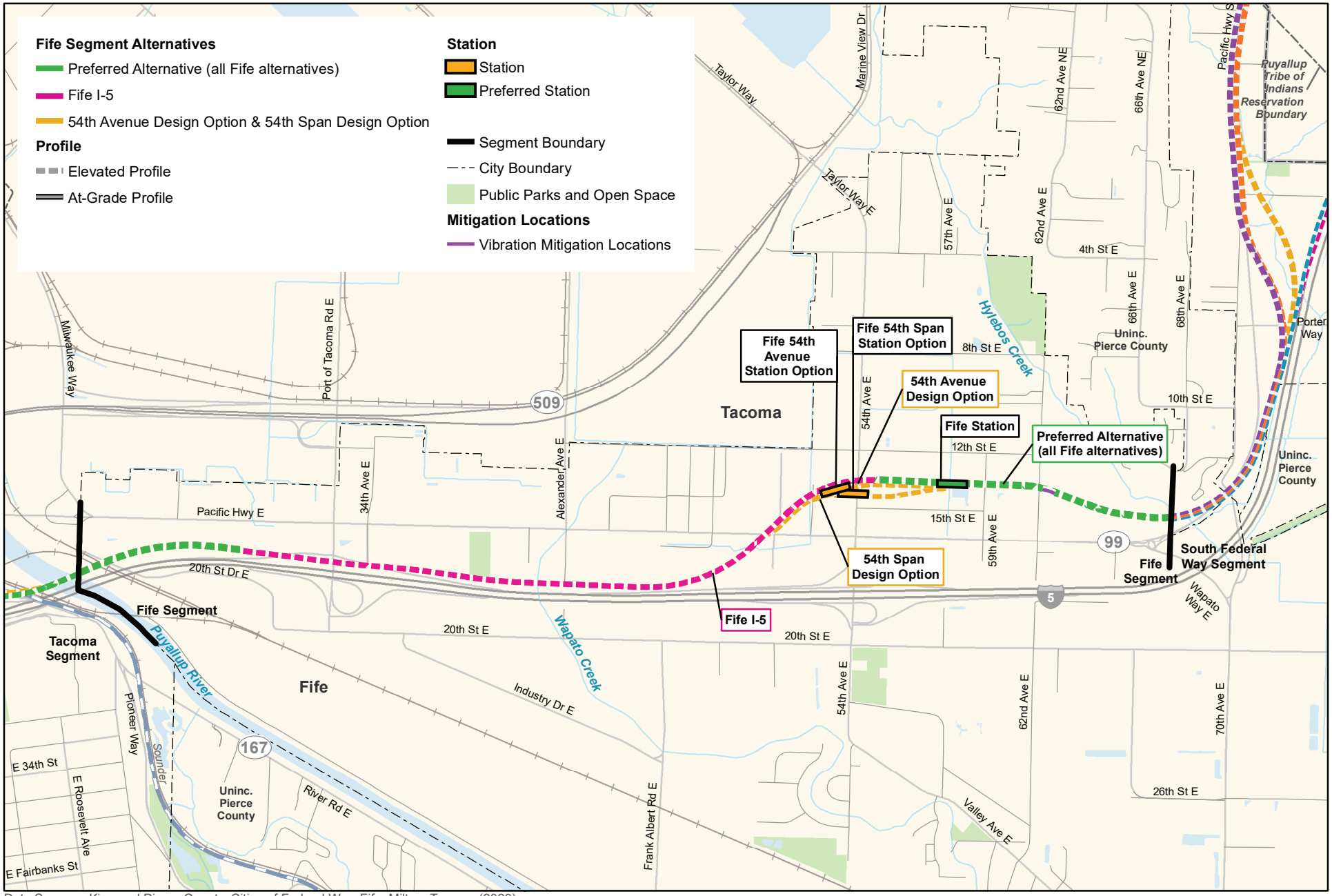

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 8-24
Potential Vibration Mitigation Locations
Fife I-5 with 54th Avenue or 54th Span Design Options
Fife Segment

Tacoma Dome Link Extension

8.3 Construction

Construction activities would be carried out in compliance with Sound Transit specifications and all applicable local noise regulations. Construction noise is exempt from the WAC noise limits, except at residential land uses during nighttime hours (10 p.m. to 7 a.m.). If construction is performed during nighttime hours, the contractor must meet the WAC noise level requirements or obtain a noise variance from the governing jurisdiction. Specific construction noise and vibration avoidance, minimization, and mitigation measures will be refined during the design phase of the project when more detailed construction information is available. The following measures would be applied as needed to minimize temporary construction noise and vibration impacts:

- Avoiding nighttime construction in residential neighborhoods.
- Locating stationary construction equipment as far as possible from noise-sensitive sites.
- Constructing noise barriers, such as temporary walls or piles of excavated material, between noisy activities and noise-sensitive receivers.
- Routing construction-related truck traffic to roadways that would cause the least disturbance to residents.
- Using alternative construction methods to minimize the use of impact and vibratory equipment (e.g., pile drivers and compactors). If use of this equipment is necessary, limit the time of day the activity can occur.

In addition to the measures above, it is common to require a detailed Noise Control Plan from the contractor as a part of construction. A noise control engineer or acoustician would work with the contractor to prepare a Noise Control Plan in conjunction with the contractor's specific equipment and methods of construction. Key elements of a Noise Control Plan include:

- Contractor's specific equipment types.
- Schedule (dates and times of day) and methods of construction.
- Maximum noise limits for each piece of equipment with certification testing.
- Prohibitions on certain types of equipment and processes during the night or daytime hours per local agency coordination and approved variances.
- Identification of specific sensitive sites near construction sites.
- Methods for projecting construction noise levels.
- Implementation of noise and vibration control measures where appropriate.
- Methods for responding to community complaints in compliance with Sound Transit. Outreach requirements.

With implementation of the above measures or other similar measures, no additional mitigation would be anticipated.

9 REFERENCES

FHWA (Federal Highway Administration). 2006. FHWA Construction Noise Handbook. Final Report FHWA-HEP-06-015.

FTA (Federal Transit Administration). 2018. Transit Noise and Vibration Impact Assessment Manual. FTA Report No. 0123. Federal Transit Administration, John A. Volpe National Transportation System Center and Cross-Spectrum Acoustics Inc.

Sound Transit (Central Puget Sound Regional Transit Authority). 2019. 2019 Reference Noise and Vibration Levels for Link Light Rail Projects.

Sound Transit. 2023. Sound Transit Board Motion M2023-15. Link Light Rail Noise and Vibration Policy. Adopted July 27, 2023.

ATTACHMENT A

Noise Measurement Site Photographs

Figure A-1 Long-Term Noise Measurement – Site D: 11 The Dunes Court, Federal Way

Figure A-2 Long-Term Noise Measurement – Site E: 326 Oakland Hills Boulevard, Federal Way

Figure A-3 Long-Term Noise Measurement – Site G: Christian Faith Center East, Federal Way

Figure A-4 Long-Term Noise Measurement – Site I: 35810 16th Avenue S, Federal Way

Figure A-5 Long-Term Noise Measurement – Site J: Abandoned Weigh Station (MM 141), Federal Way

Figure A-6 Long-Term Noise Measurement – Site K: 1413 69th Avenue E, Fife

Figure A-7 Long-Term Noise Measurement – Site L: Restaurant Depot, 6130 12th Street E, Fife

Figure A-8 Long-Term Noise Measurement – Site M: Chateau Rainier Apartments North, 4600 16th Street E, Fife

Figure A-9 Long-Term Noise Measurement – Site N: Chateau Rainier Apartments South, 4600 16th Street E, Fife

Figure A-10 Long-Term Noise Measurement – Site O: 3812 Pacific Highway E, Fife

Figure A-11 Long-Term Noise Measurement – Site P: Poulsbo RV, 2950 Pacific Highway E, Fife

Figure A-12 Short-Term Noise Measurement – Site ST-A: Puyallup Tribe Integrative Medicine, Fife

Figure A-13 Long-Term Noise Measurement – Site Q: 1121 26th Street E, Tacoma

Figure A-14 Long-Term Noise Measurement – Site R: 2611 East E Street, Tacoma

Figure A-15 Long-Term Noise Measurement – Site S: 35919 Pacific Highway S, Federal Way

Figure A-16 Long-Term Noise Measurement – Site T: 7808 Pacific Highway E, Milton

ATTACHMENT B

Noise Measurement Data

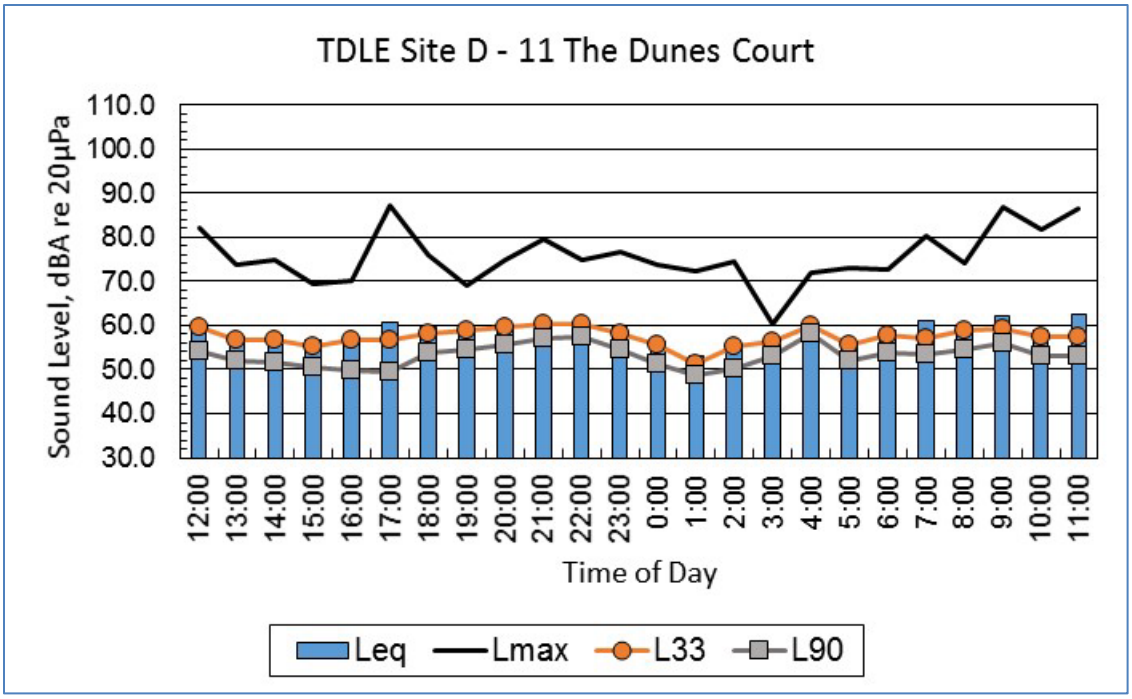

Figure B-1 Long-Term Noise Measurement Data – Site D: 11 The Dunes Court, Federal Way

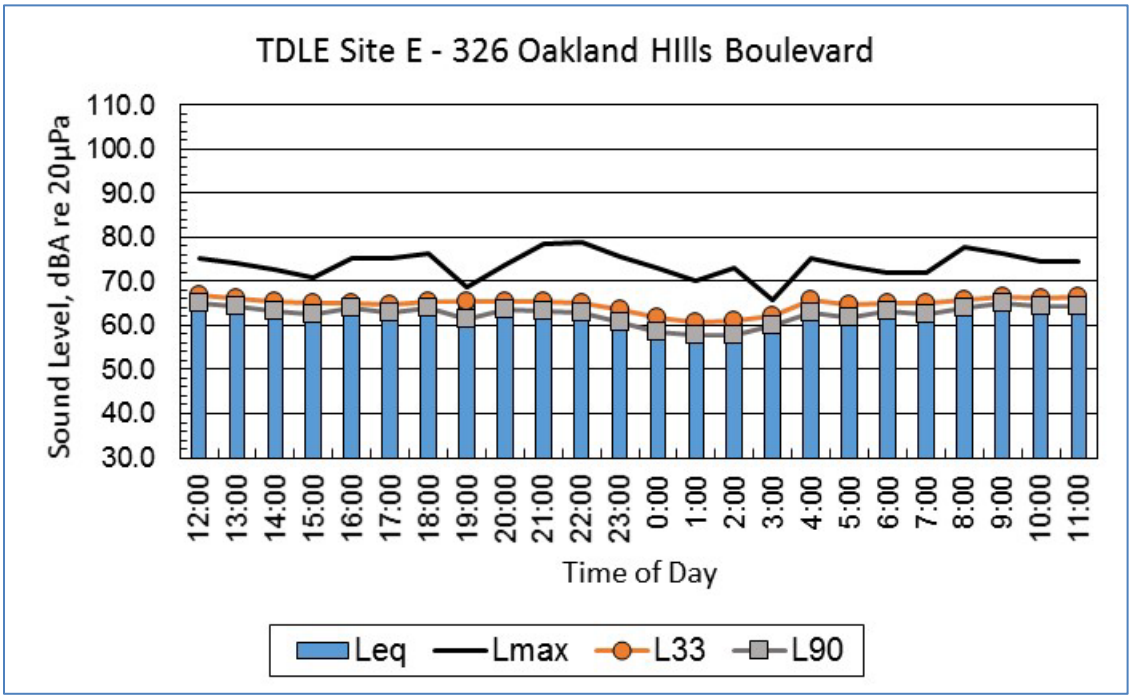

Figure B-2 Long-Term Noise Measurement Data – Site E: 326 Oakland Hills Boulevard, Federal Way

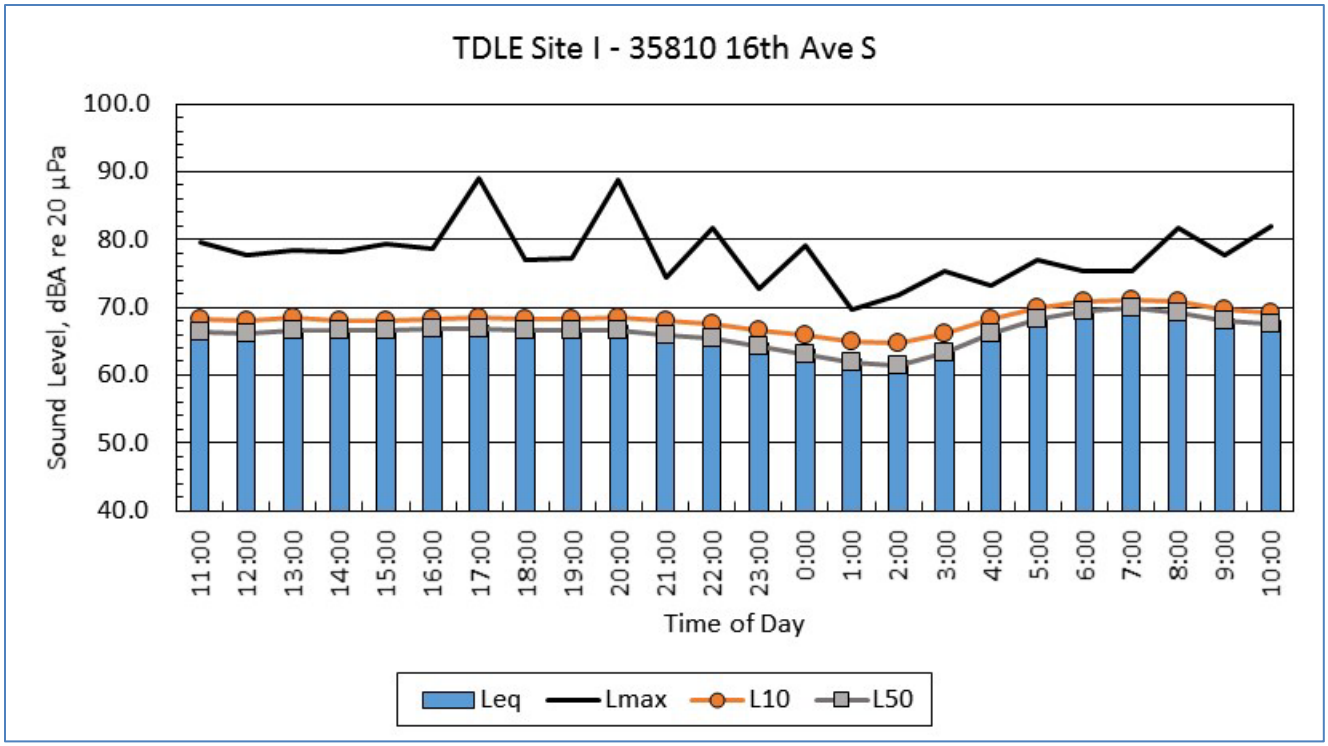

Figure B-3 Long-Term Noise Measurement Data – Site I: 35810 16th Avenue S, Federal Way

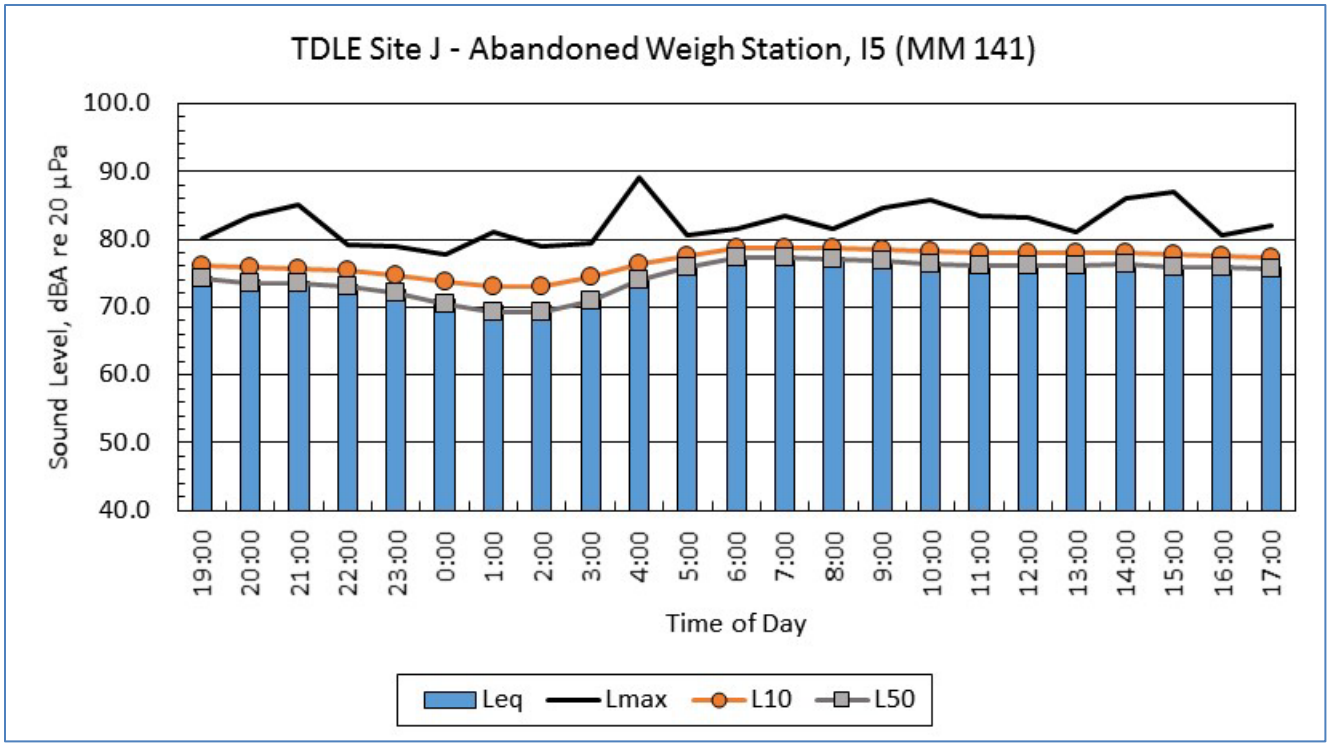

Figure B-4 Long-Term Noise Measurement Data – Site J: Abandoned Weigh Station (MM 141), Federal Way

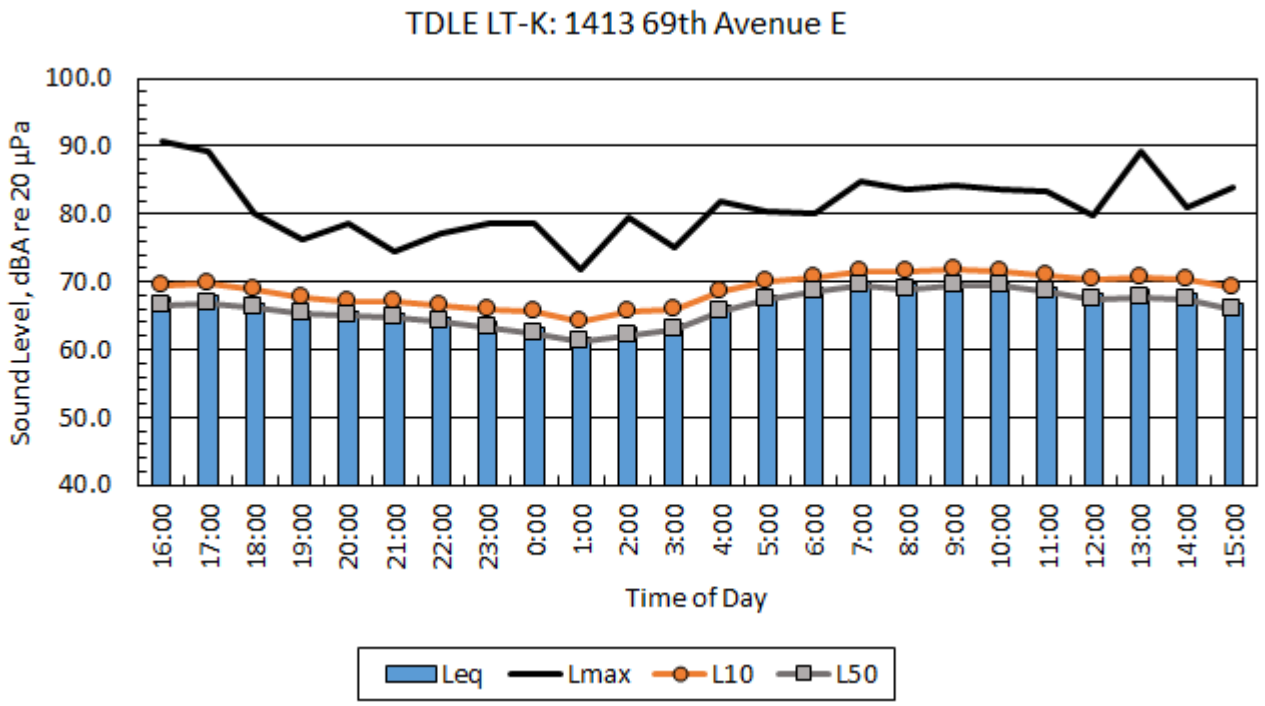

Figure B-5 Long-Term Noise Measurement Data – Site K: 1413 69th Avenue E, Fife

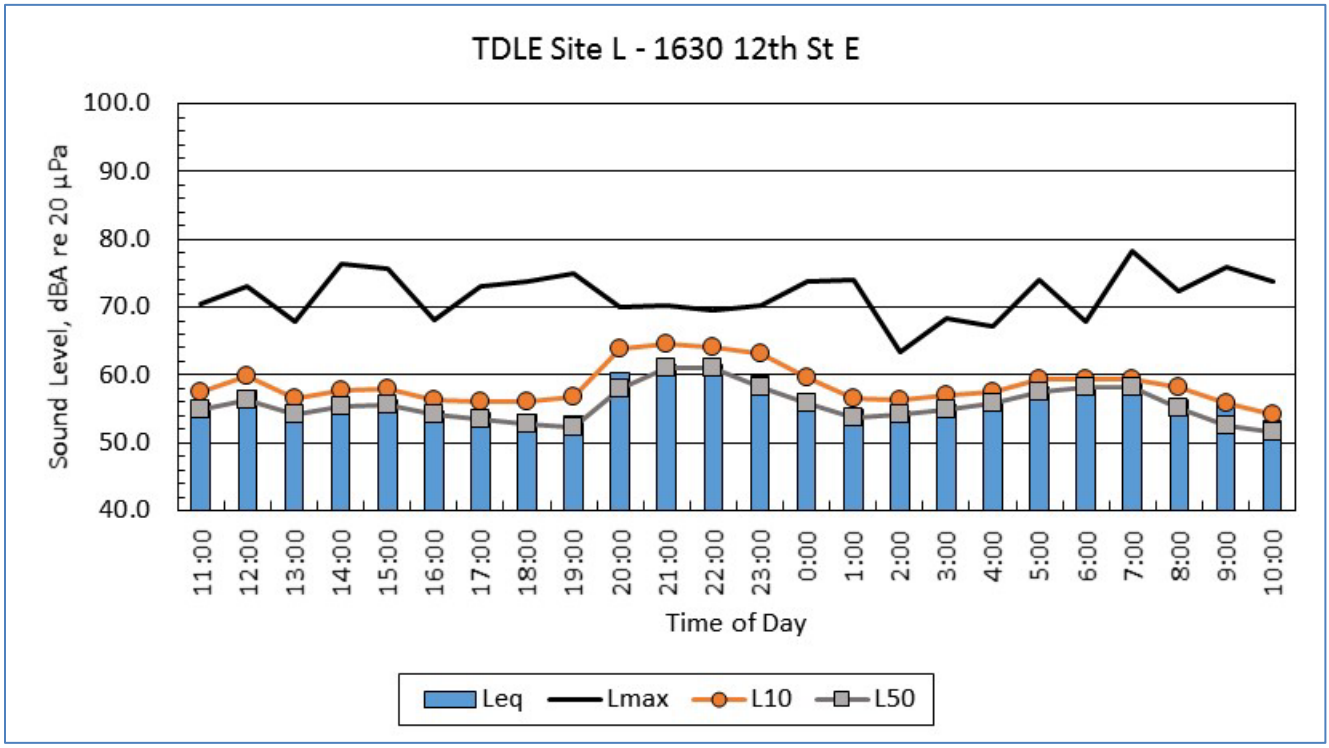

Figure B-6 Long-Term Noise Measurement Data – Site L: Restaurant Depot, 6130 12th Street E, Fife

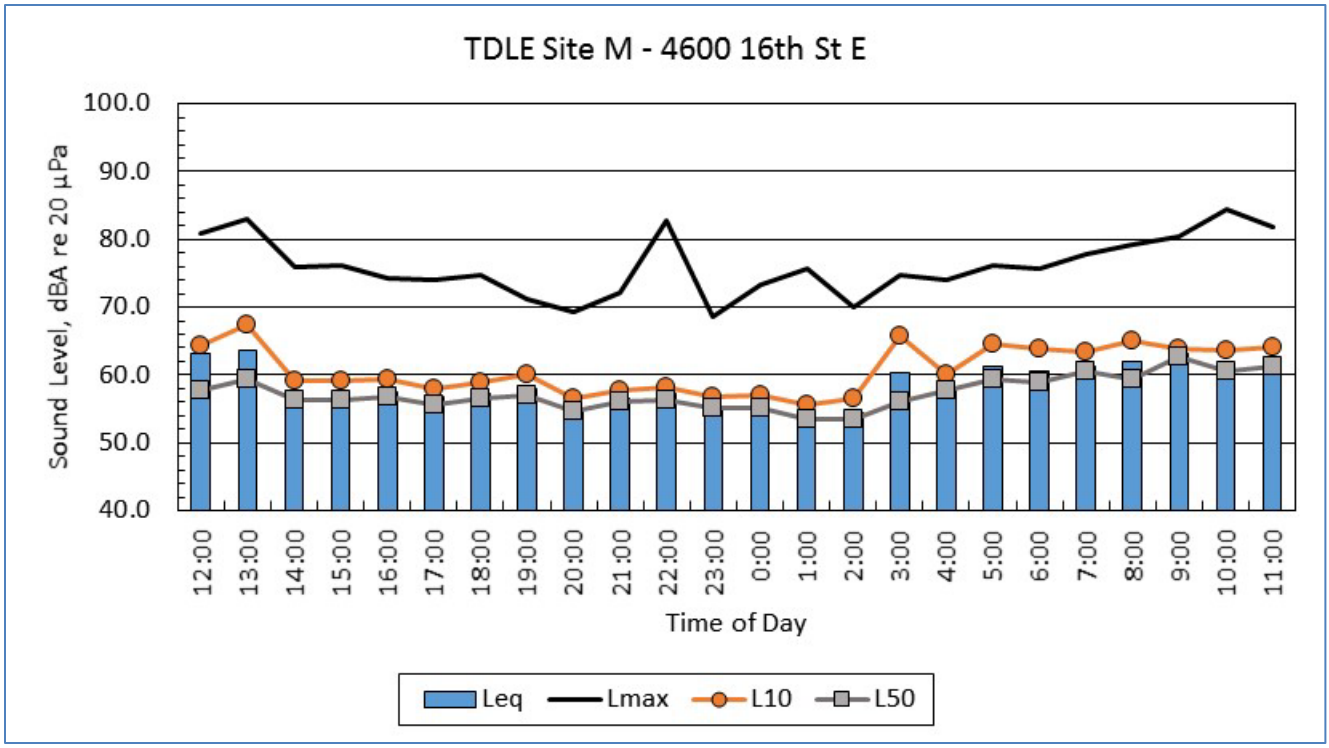

Figure B-7 Long-Term Noise Measurement Data – Site M: Chateau Rainier Apartments North, 4600 16th Street E, Fife

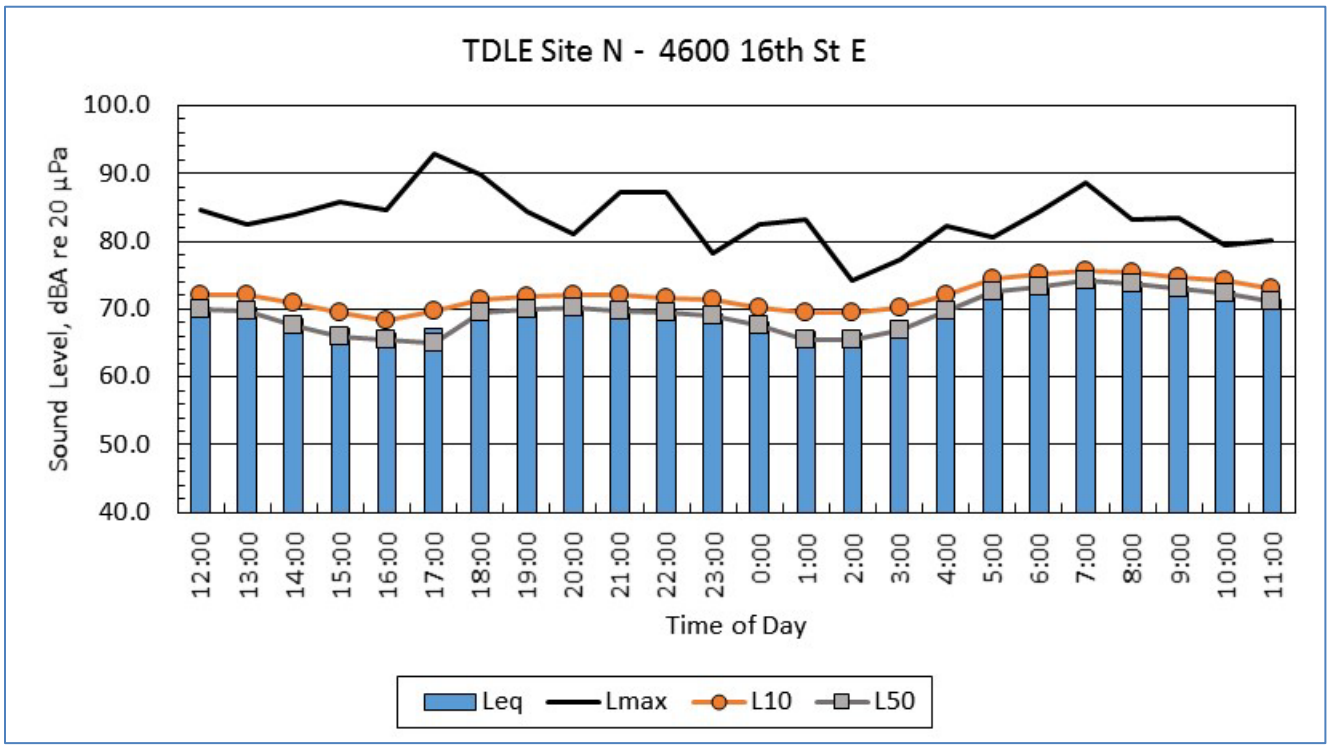

Figure B-8 Long-Term Noise Measurement Data – Site N: Chateau Rainier Apartments South, 4600 16th Street E, Fife

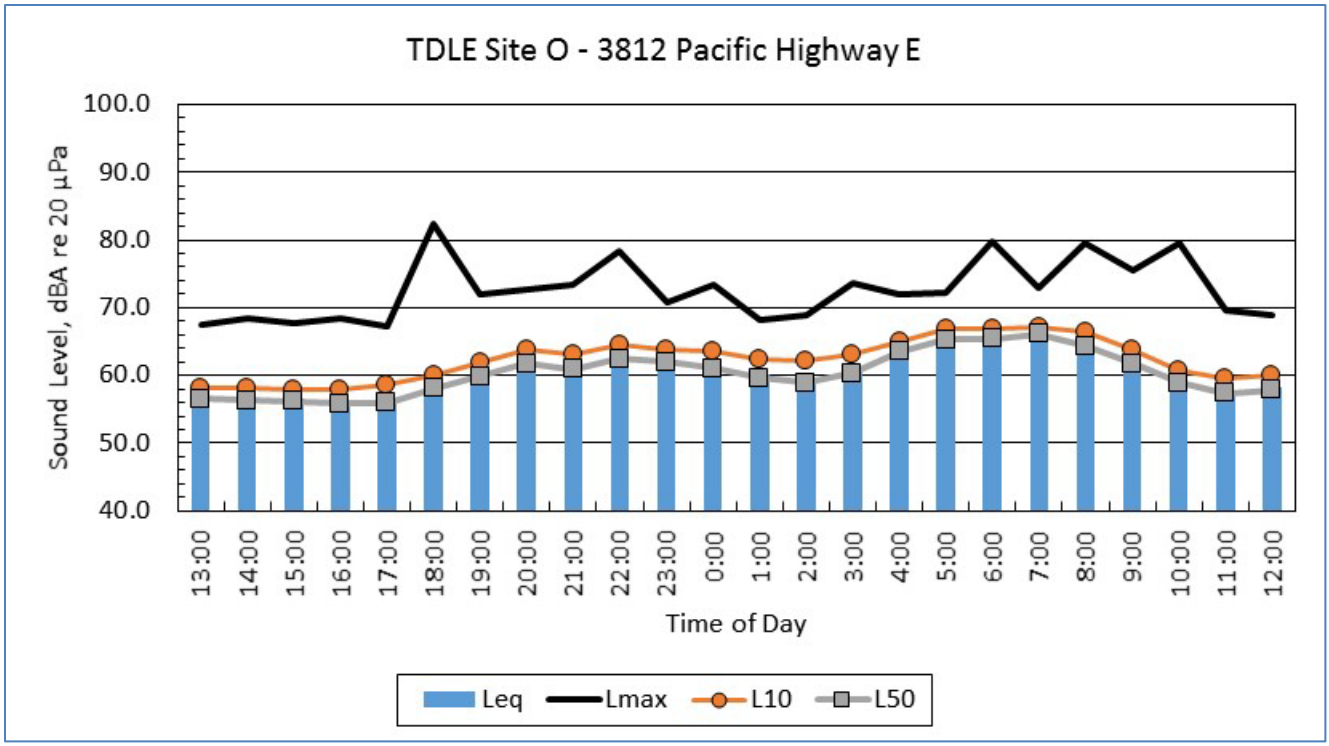

Figure B-9 Long-Term Noise Measurement Data – Site O: 3812 Pacific Highway E, Fife

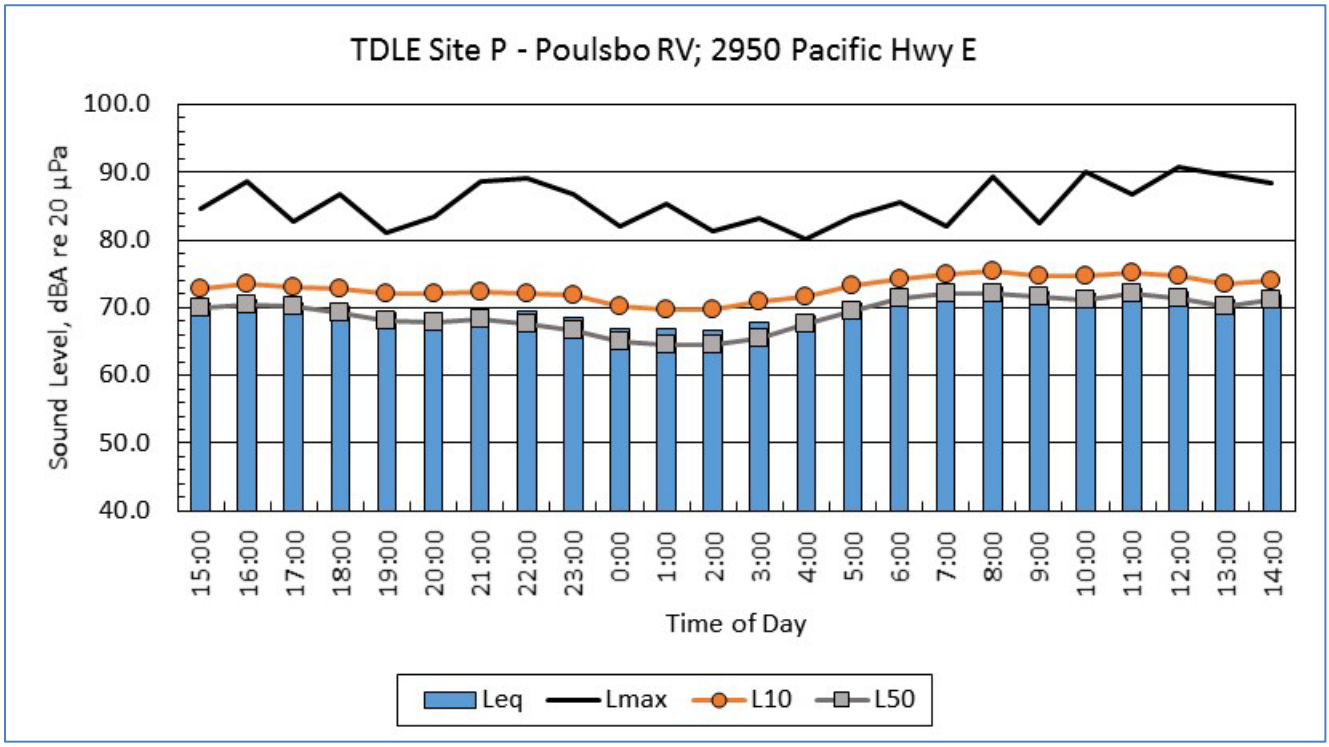

Figure B-10 Long-Term Noise Measurement Data – Site P: Poulsbo RV, 2950 Pacific Highway E, Fife

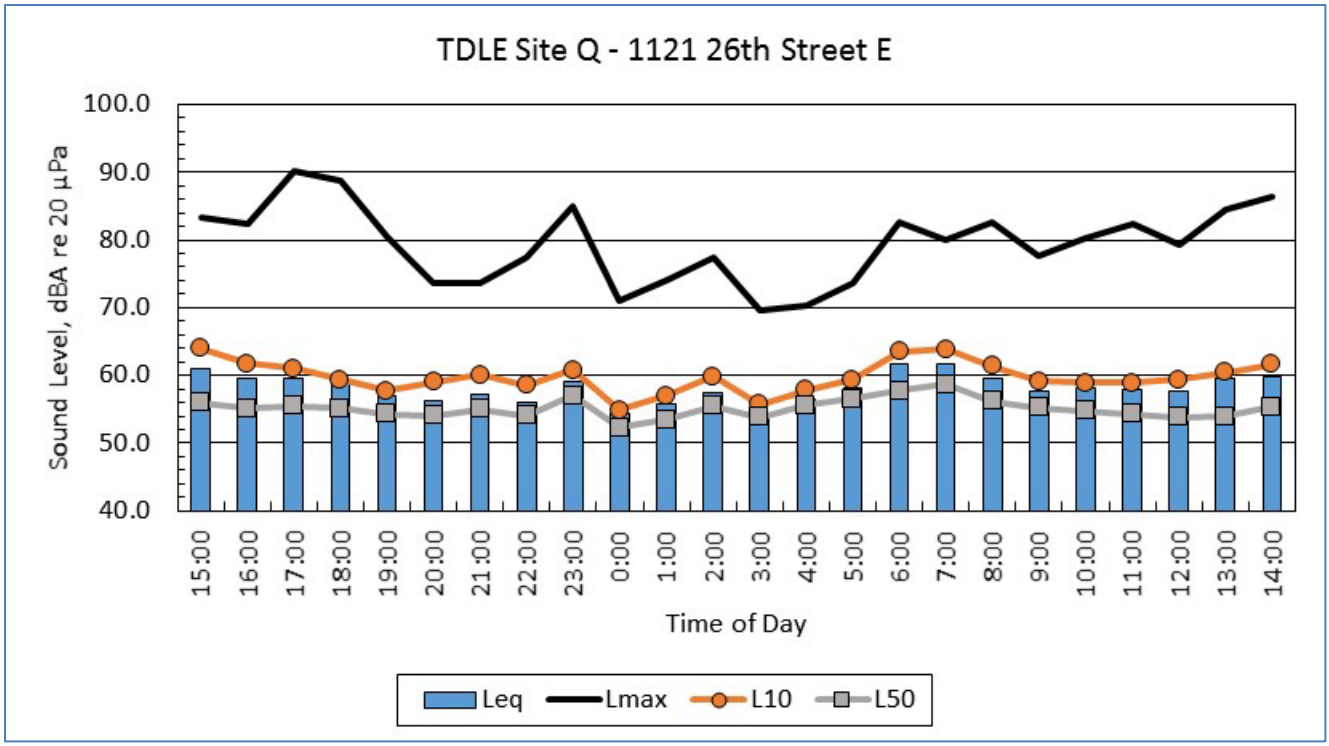

Figure B-11 Long-Term Noise Measurement Data – Site Q: 1121 26th Street E, Tacoma

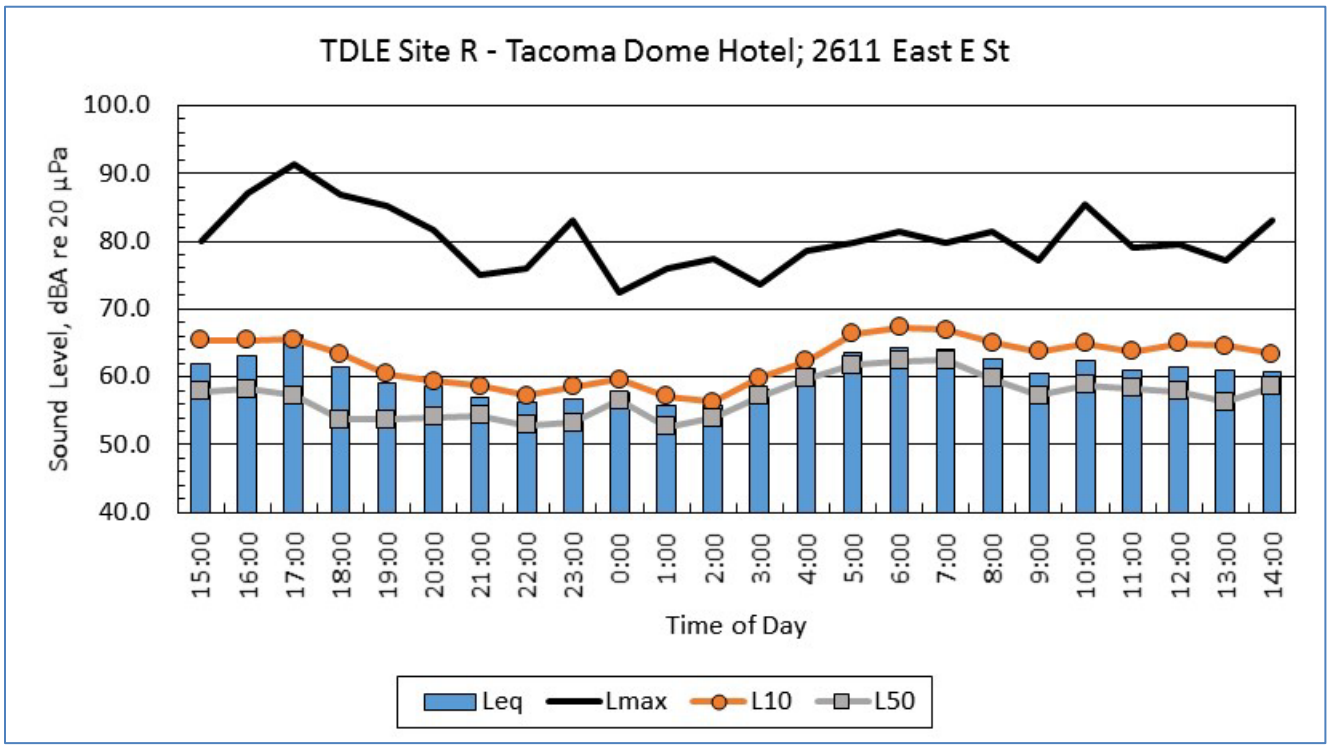

Figure B-12 Long-Term Noise Measurement Data – Site R: 2611 East E Street, Tacoma

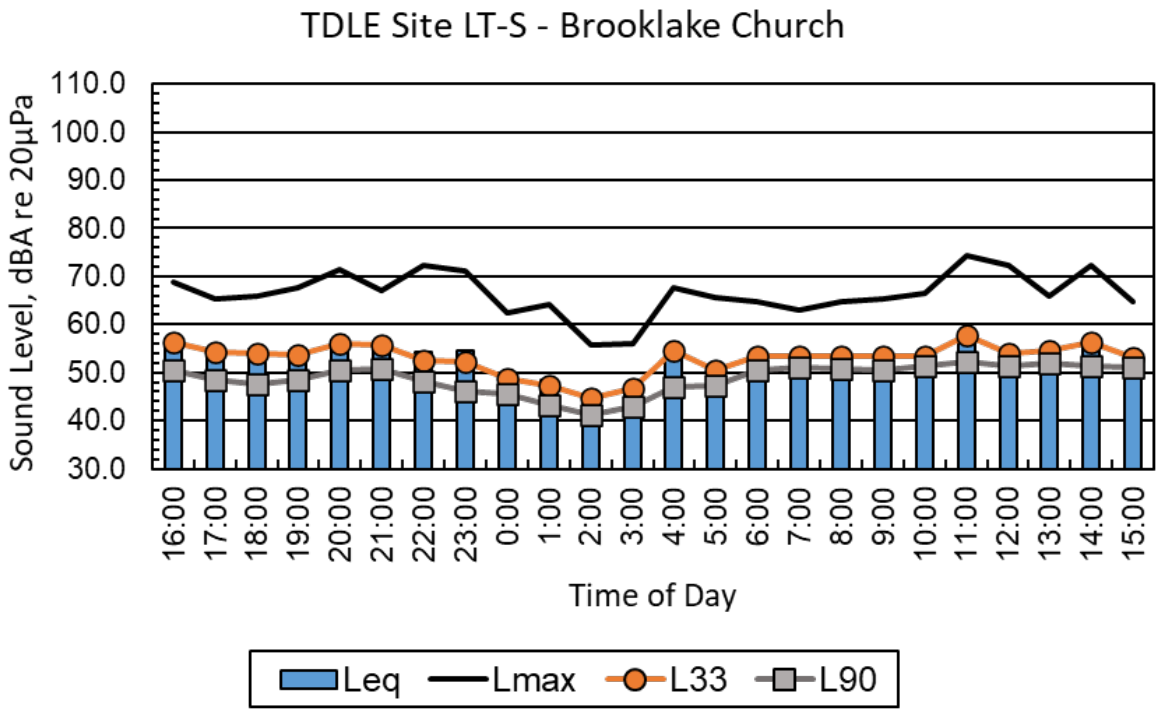

Figure B-13 Long-Term Noise Measurement Data – Site S: Brooklake Church, Federal Way

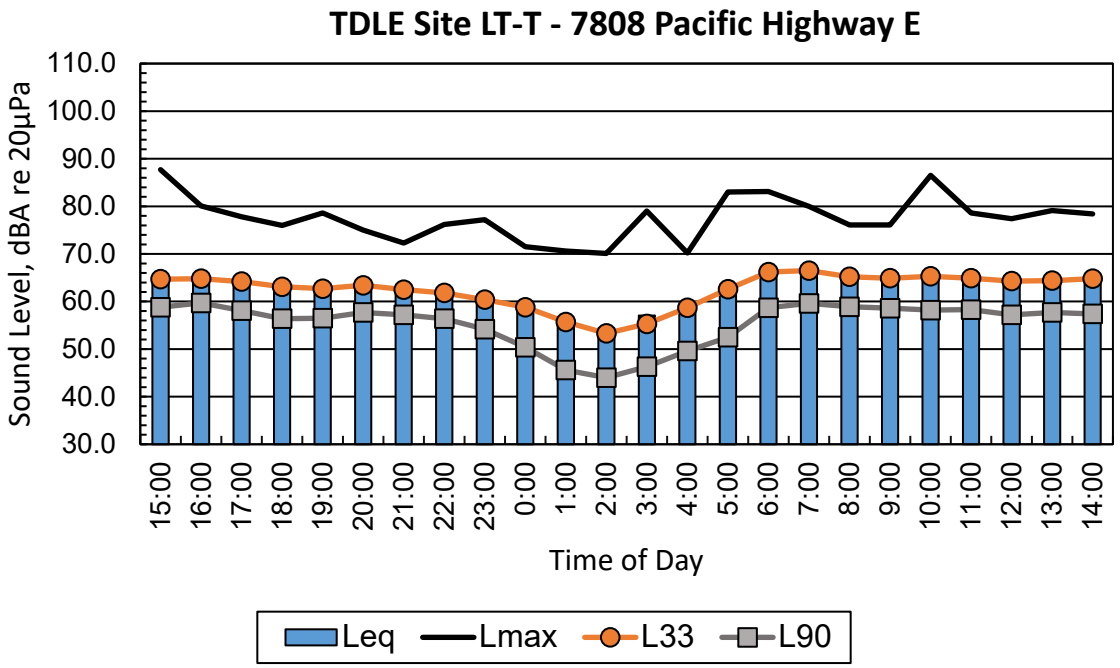

Figure B-14 Long-Term Noise Measurement Data – Site T: 7808 Pacific Highway E, Milton

ATTACHMENT C

Vibration Measurement Site Photographs

Figure C-1. Vibration Propagation Measurement Site VP-A – Belmor Mobile Home Park, Olympic Way, and Burning Tree Boulevard, Federal Way

Figure C-2. Vibration Propagation Measurement Site VP-B – Cedar Grove Park, Federal Way

Figure C-3. Vibration Propagation Measurement Site VP-C – 344th Street and 18th Place S, Federal Way

Figure C-4. Vibration Propagation Measurement Site VP-D – 16th Avenue S and S 359th Street, Federal Way

Figure C-5. Vibration Propagation Measurement Site VP-E – 5th Street Court E and 70th Avenue E, Milton

Figure C-6. Vibration Propagation Measurement Site VP-F – 62nd Avenue E and 12th Street E, Fife

Figure C-7. Vibration Propagation Measurement Site VP-G – 15th Street E and 47th Avenue E, Fife

Figure C-8. Vibration Propagation Measurement Site VP-H – Puyallup Tribe Integrative Medicine, Fife

Figure C-9. Vibration Propagation Measurement Site VP-I – East N Street and E 26th Street, Tacoma

Figure C-10. Vibration Propagation Measurement Site VP-J – 1st Avenue SW and SW 374th Street, Federal Way

ATTACHMENT D

Vibration Measurement Data

Table D-1. Site VP-A Belmor Mobile Home Park 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	24.0	30.8	28.2	32.2	42.6	54.2	59.2	71.7	83.0	100.5	101.8	110.5	126.9	151.2	-91.1	-164.6
B	-5.9	-9.1	-7.0	-6.3	-11.3	-16.1	-17.2	-23.9	-31.1	-41.1	-42.8	-49.4	-60.7	-76.3	195.9	282.0
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-76.4	-101.6

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

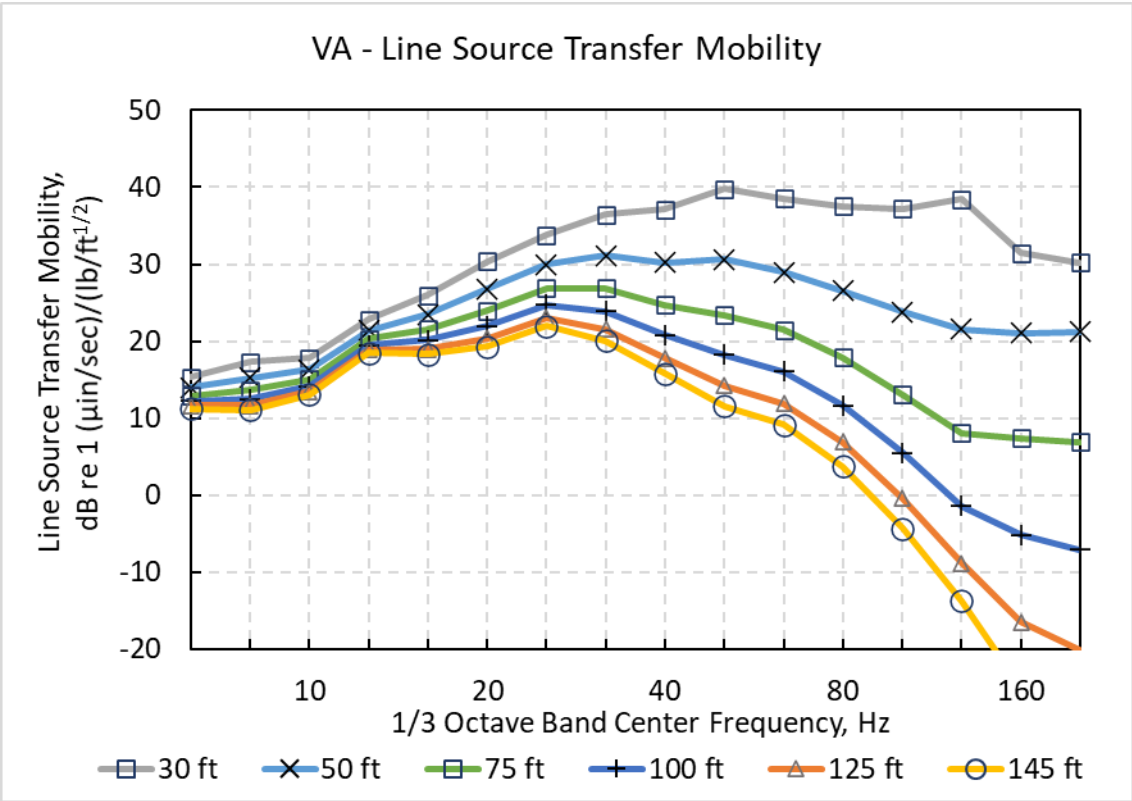

Figure D-1. Line Source Transfer Mobility Site VP-A Belmor Mobile Home Park

Table D-2. Site VP-B Cedar Grove Park 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	24.7	17.2	9.2	14.7	21.7	35.0	45.7	61.4	82.4	95.1	90.0	69.2	55.2	54.7	55.7	46.4
B	-4.5	-2.8	-0.5	-3.8	-8.6	-13.3	-13.1	-17.0	-25.0	-29.3	-29.1	-23.1	-18.6	-21.4	-24.9	-22.7
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

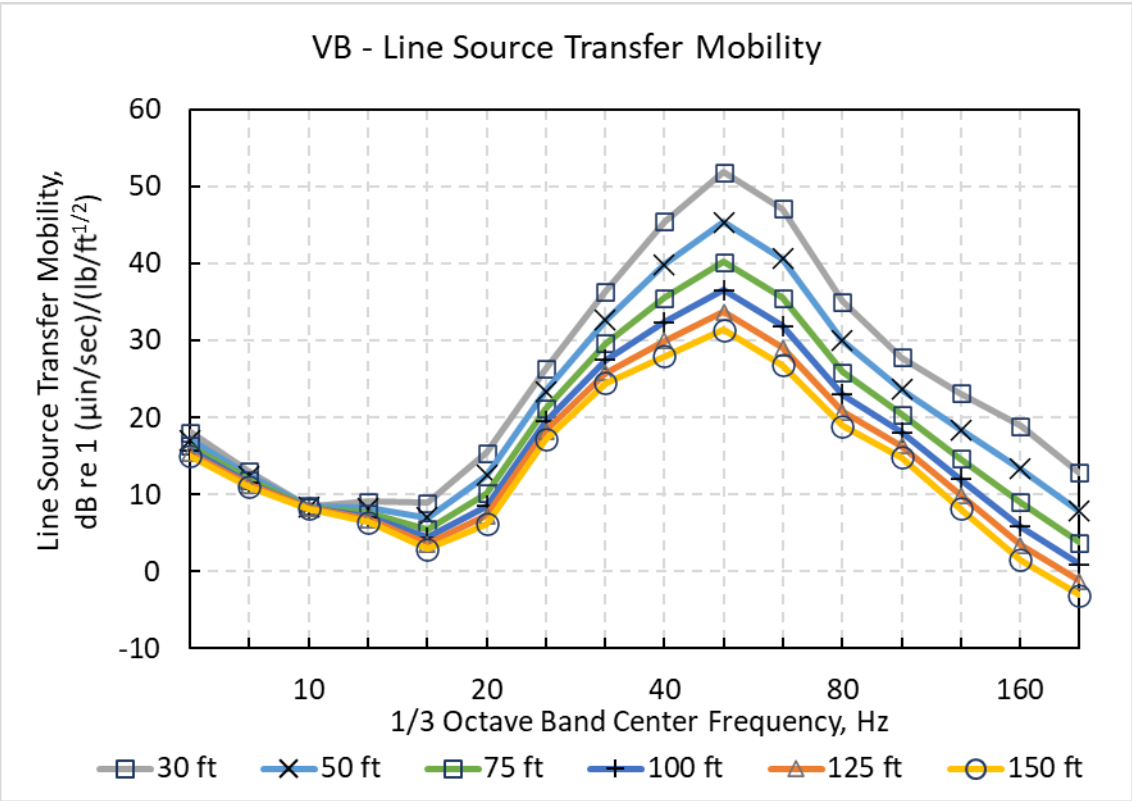

Figure D-2. Line Source Transfer Mobility Site VP-B Cedar Grove Park

Table D-3. Site VP-C 344th Street and 18th Place S 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	25.7	22.9	17.9	13.8	15.6	32.0	46.1	68.8	75.9	75.8	63.2	64.4	65.4	78.9	81.2	98.5
B	-0.5	-0.7	-0.5	-0.2	-3.2	-11.1	-15.0	-23.5	-26.5	-26.8	-21.1	-22.0	-25.0	-35.0	-37.8	-49.3
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

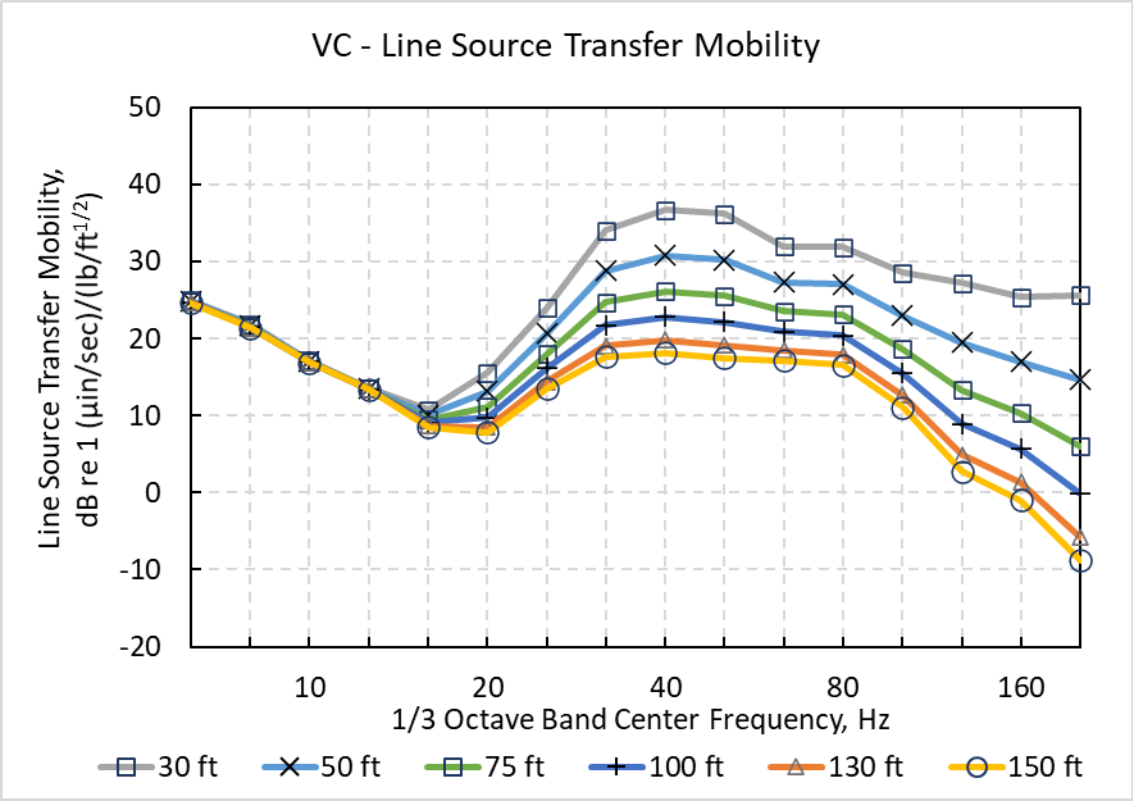

Figure D-3. Line Source Transfer Mobility Site VP-C S 344th Street and 18th Place S

Table D-4. Site VP-D 16th Avenue and S 359th Street 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	27.4	25.6	19.8	21.6	34.3	42.3	67.9	79.5	92.8	99.0	97.6	101.9	57.8	49.7	48.0	34.6
B	-4.9	-6.1	-3.2	-3.8	-9.3	-9.6	-19.5	-24.5	-33.6	-39.1	-40.0	-44.4	-25.6	-24.6	-25.5	-19.6
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

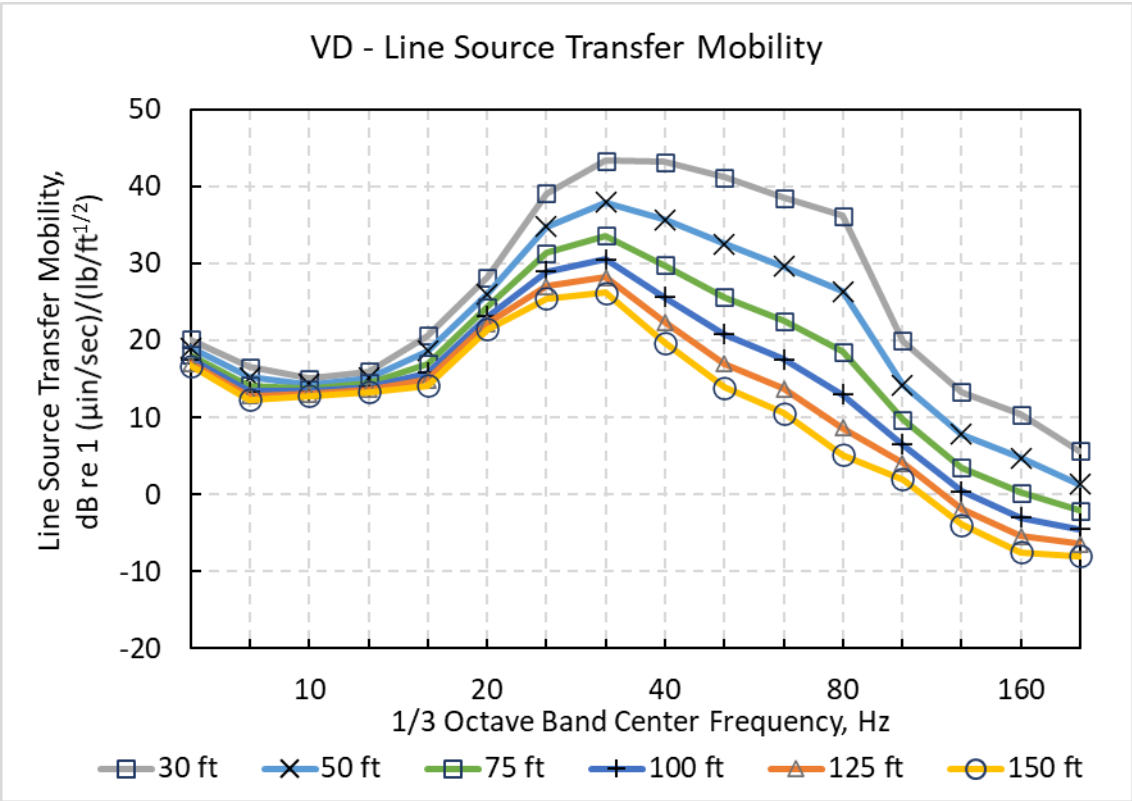

Figure D-4. Line Source Transfer Mobility Site VP-D 16th Avenue S and S 359th Street

Table D-5. Site VP-E 5th Street Court E and 70th Avenue E 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	35.8	33.7	42.1	54.2	57.6	-45.5	-34.3	-208.3	-208.6	-108.1	2.7	-49.8	-236.0	-277.1	-296.7	-425.7
B	-13.3	-12.5	-15.9	-20.5	-20.5	98.1	96.0	300.3	307.9	198.1	70.1	122.2	310.1	363.0	386.7	524.8
C	0.0	0.0	0.0	0.0	0.0	-31.7	-32.7	-90.8	-96.3	-68.4	-33.4	-47.0	-95.3	-112.8	-120.8	-158.1

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

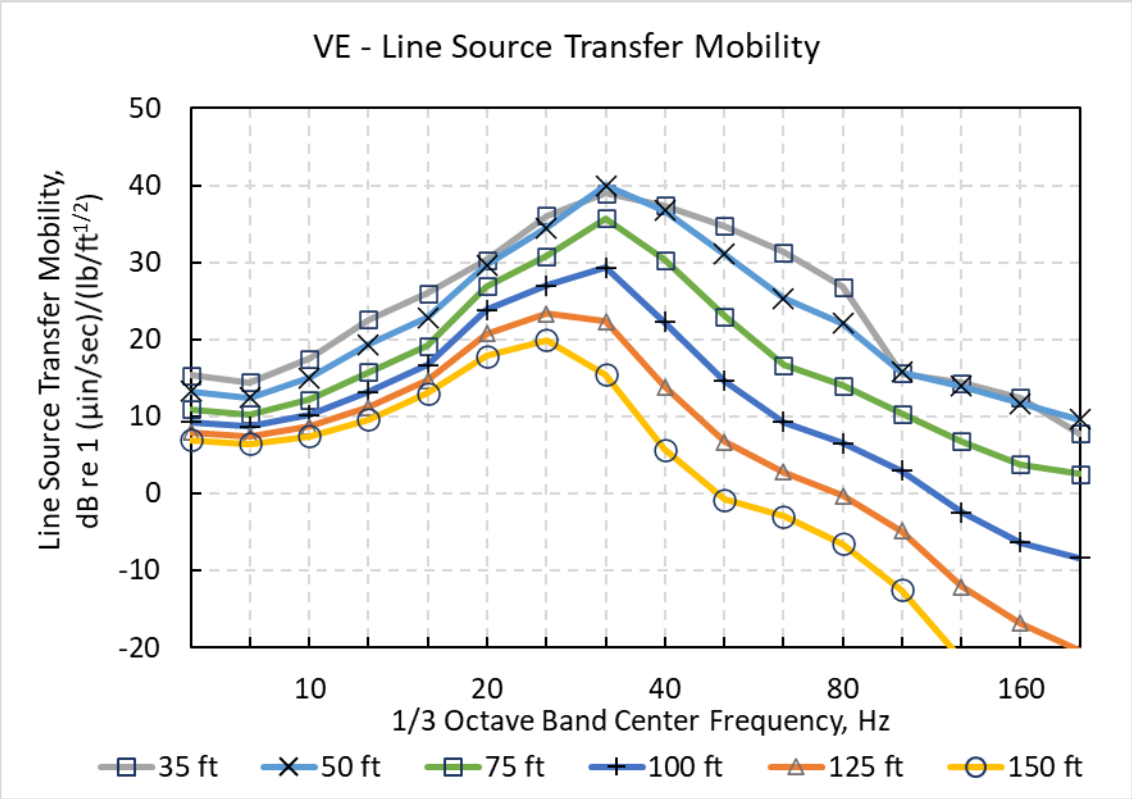

Figure D-5. Line Source Transfer Mobility Site VP-E 5th Street Court E and 70th Avenue E

Table D-6. Site VP-F 62nd Avenue E and 12th Street E 1/3-Octave Band Line Source Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	40.7	58.0	47.4	54.1	56.2	56.8	64.4	48.8	50.7	57.4	68.9	64.5	78.8	58.0	49.3	41.9
B	-10.2	-16.9	-8.9	-9.4	-8.9	-8.5	-13.7	-9.3	-12.3	-18.2	-27.8	-28.7	-40.1	-32.5	-29.6	-27.9
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

Table D-7. Site VP-F 62nd Avenue E and 12th Street E 1/3-Octave Band Point Source Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	17.7	71.3	71.9	43.3	43.9	56.4	64.1	41.9	25.1	47.3	68.1	74.3	81.4	49.9	54.5	58.0
B	-11.0	-36.0	-35.5	-14.5	-13.8	-20.8	-26.0	-16.6	-10.0	-24.2	-37.8	-45.2	-53.3	-38.9	-44.8	-49.2
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$PSTM = A + B * \log(dist) + C * \log(dist)^2$$

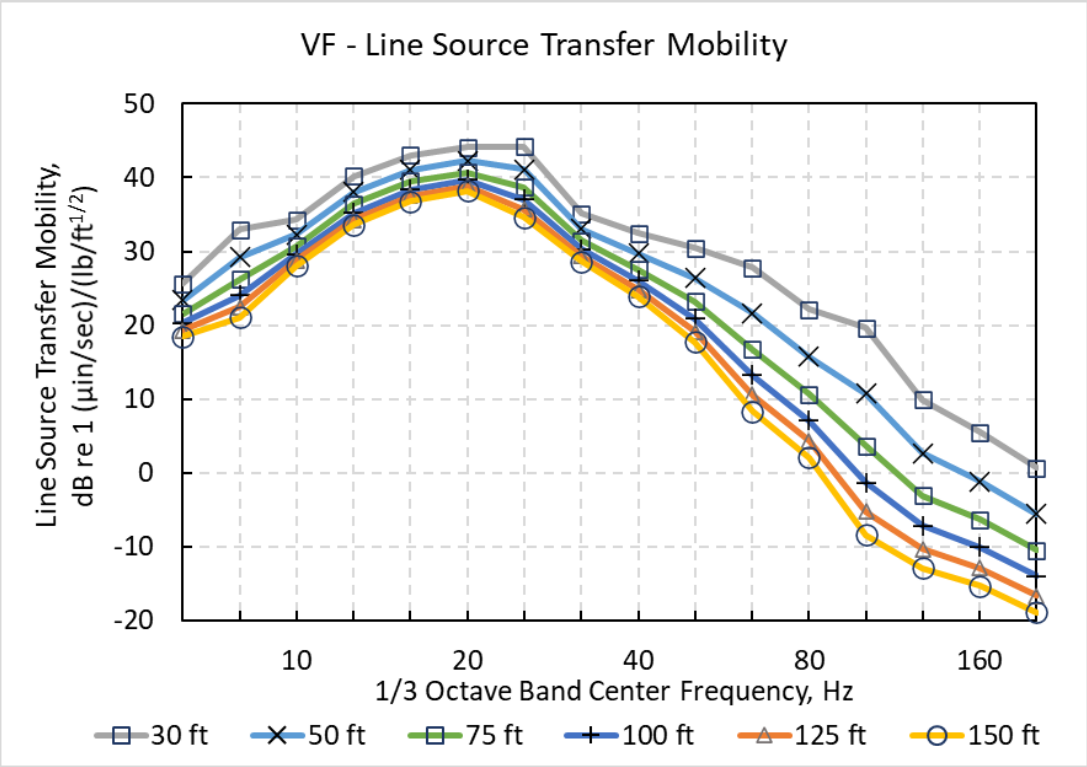

Figure D-6. Line Source Transfer Mobility Site VP-F 62nd Avenue E and 12th Street E

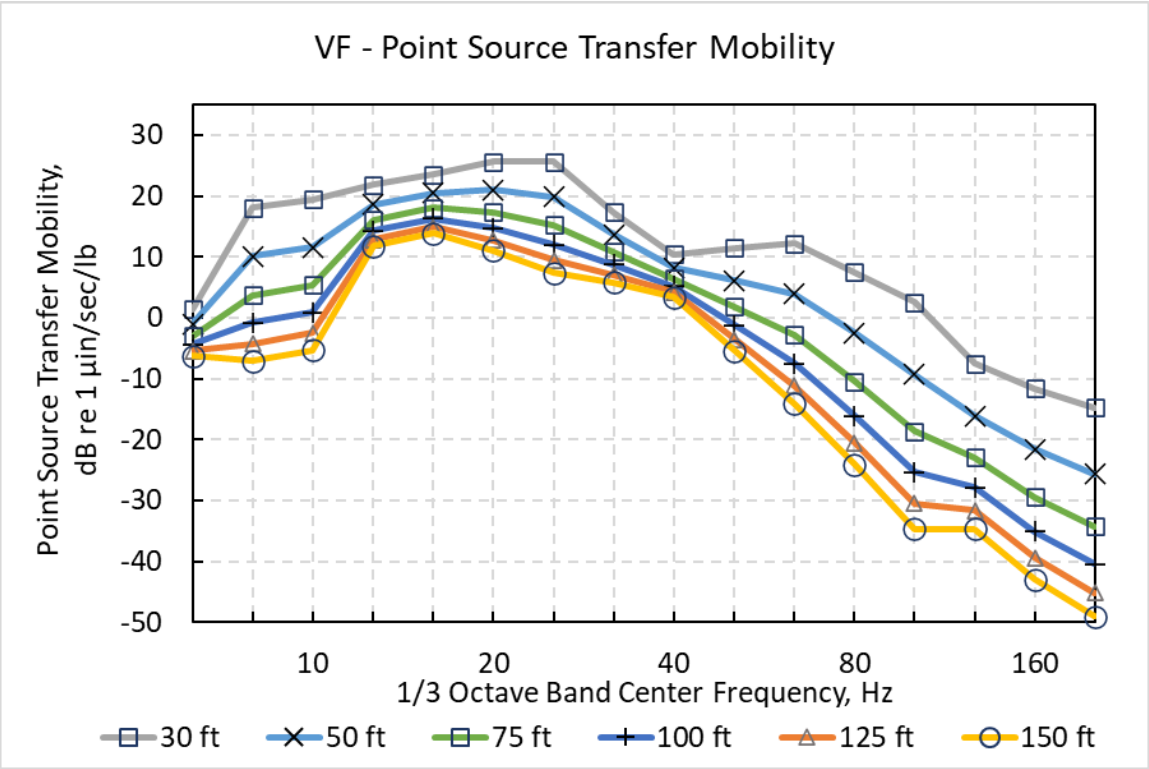

Figure D-7. Point Source Transfer Mobility Site VP-F 62nd Avenue E and 12th Street E

Table D-8. Site VP-G 15th Street E and 47th Avenue E 1/3-Octave Band Line Source Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	31.6	38.6	47.7	-8.3	-5.7	-93.2	-48.6	8.5	-71.2	-7.5	-88.3	-24.5	-117.9	39.1	50.1	34.0
B	-1.5	-4.4	-7.2	69.0	72.7	173.9	123.2	49.2	136.1	64.8	150.1	73.7	172.3	-10.1	-30.6	-20.8
C	0.0	0.0	0.0	-22.9	-25.8	-54.9	-41.8	-20.4	-45.2	-27.0	-50.6	-30.1	-57.4	-6.9	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

Table D-9. Site VP-G 15th Street E and 47th Avenue E 1/3-Octave Band Point Source Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	26.5	39.1	34.8	58.6	59.4	54.7	61.6	62.6	66.2	70.0	87.2	78.5	63.2	68.3	63.3	28.6
B	-9.8	-17.0	-12.9	-25.3	-26.2	-23.8	-30.0	-30.4	-33.6	-38.5	-51.5	-49.3	-45.6	-51.8	-51.1	-32.2
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$PSTM = A + B * \log(dist) + C * \log(dist)^2$$

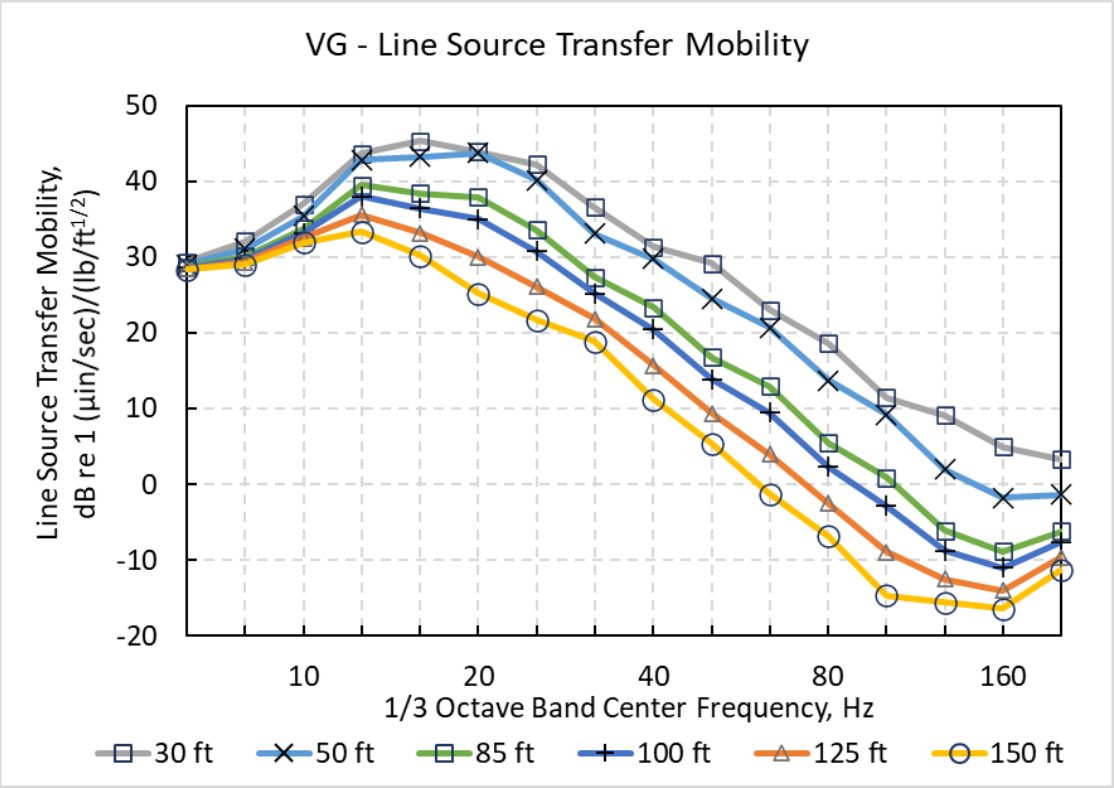

Figure D-8. Line Source Transfer Mobility Site VP-G 15th Street E and 47th Avenue E

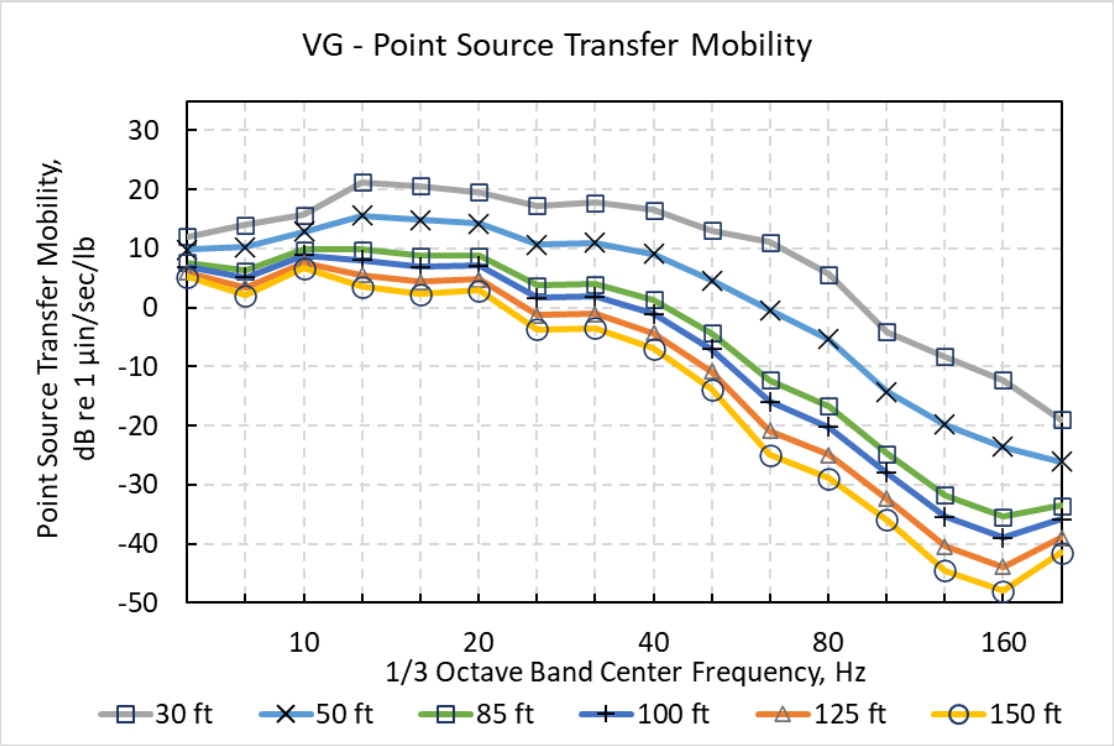

Figure D-9. Point Source Transfer Mobility Site VP-G 15th Street E and 47th Avenue E

Table D-10. Site VP-H Puyallup Tribe Integrative Medicine 1/3-Octave Band Line Source Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	37.2	50.9	53.6	64.6	74.1	91.1	92.9	93.6	121.7	117.4	79.0	63.6	44.8	41.3	10.5	7.4
B	-4.7	-9.7	-9.6	-14.0	-18.3	-27.5	-29.4	-32.4	-49.0	-50.8	-35.7	-30.8	-24.6	-26.3	-13.4	-12.0
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

Table D-11. Site VP-H Puyallup Tribe Integrative Medicine 1/3-Octave Band Point Source Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	44.0	68.0	47.1	49.6	60.0	78.1	85.1	77.2	98.7	95.0	54.5	56.2	60.1	47.5	8.9	-11.2
B	-22.7	-32.5	-17.9	-17.0	-21.7	-31.7	-36.8	-36.0	-48.9	-51.5	-34.9	-39.3	-45.8	-42.1	-25.5	-15.5
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$PSTM = A + B * \log(dist) + C * \log(dist)^2$$

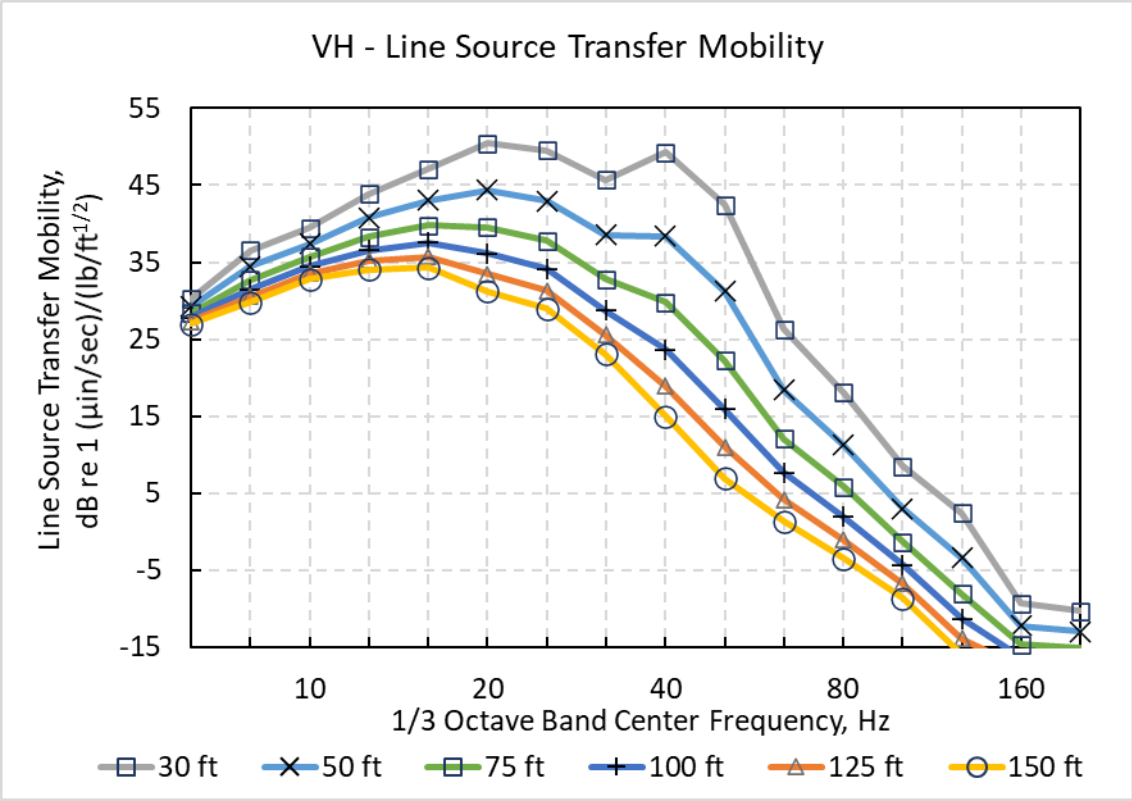

Figure D-10. Line Source Transfer Mobility Site VP-H Puyallup Tribe Integrative Medicine

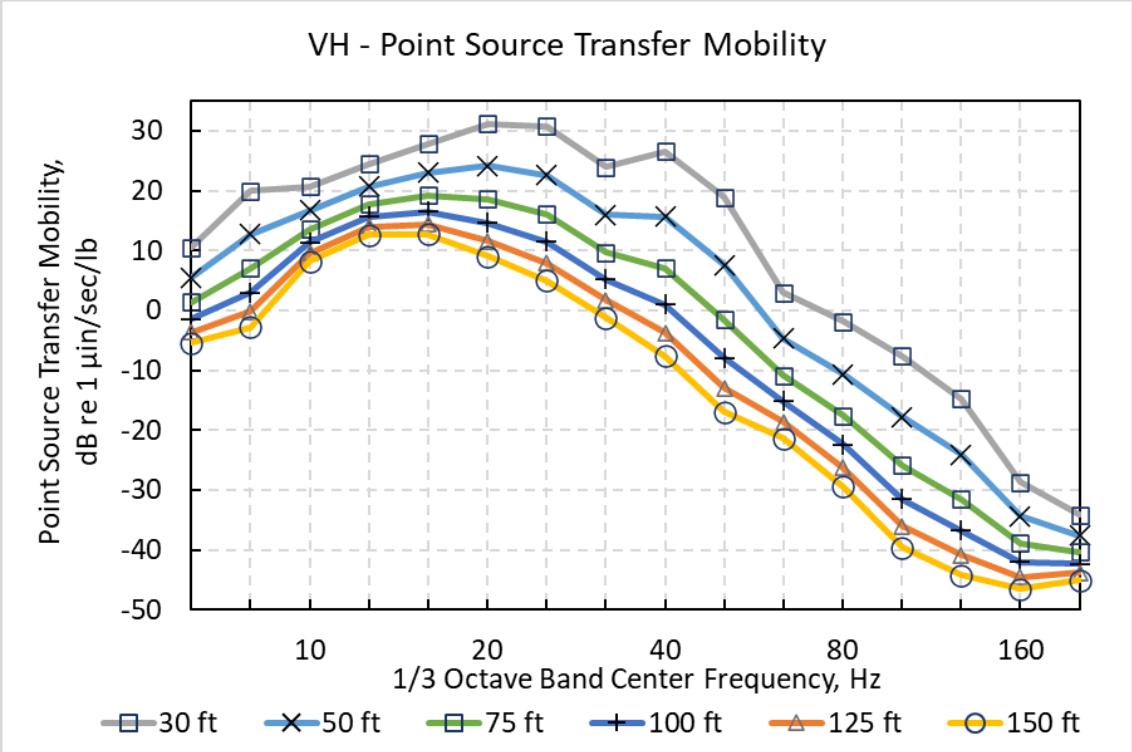

Figure D-11. Point Source Transfer Mobility Site VP-H Puyallup Tribe Integrative Medicine

Table D-12. Site VP-I East N Street and E 26th Street 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	18.0	16.7	13.5	37.3	52.2	56.6	80.3	93.3	86.3	98.5	89.6	84.7	79.6	69.1	50.3	30.8
B	-3.0	-3.4	-1.0	-11.7	-18.8	-19.8	-29.1	-36.7	-34.5	-45.3	-43.7	-42.8	-41.3	-38.3	-31.8	-22.0
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

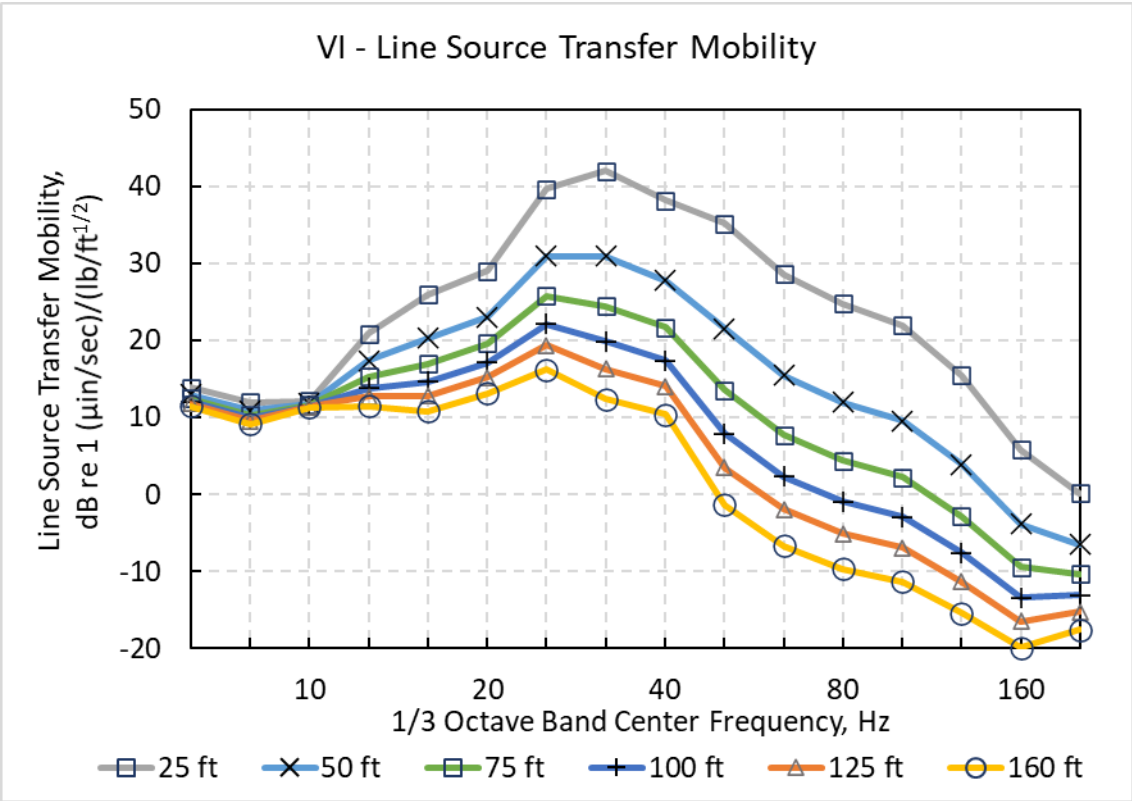

Figure D-12. Line Source Transfer Mobility Site VP-I East N Street and E 26th Street

Table D-13. Site VP-J 1st Avenue SW and SW 374th Street 1/3-Octave Band Transfer Mobility Coefficients

Coeff.	6.3 Hz	8 Hz	10 Hz	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz
A	36.9	50.7	62.3	61.2	47.7	60.1	81.3	98.9	102.3	105.2	103.2	101.2	93.7	105.3	123.6	138.9
B	-15.4	-20.5	-23.7	-20.7	-11.8	-16.2	-27.1	-36.6	-38.2	-40.2	-42.6	-46.4	-46.1	-54.8	-66.2	-75.9
C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$LSTM = A + B * \log(dist) + C * \log(dist)^2$$

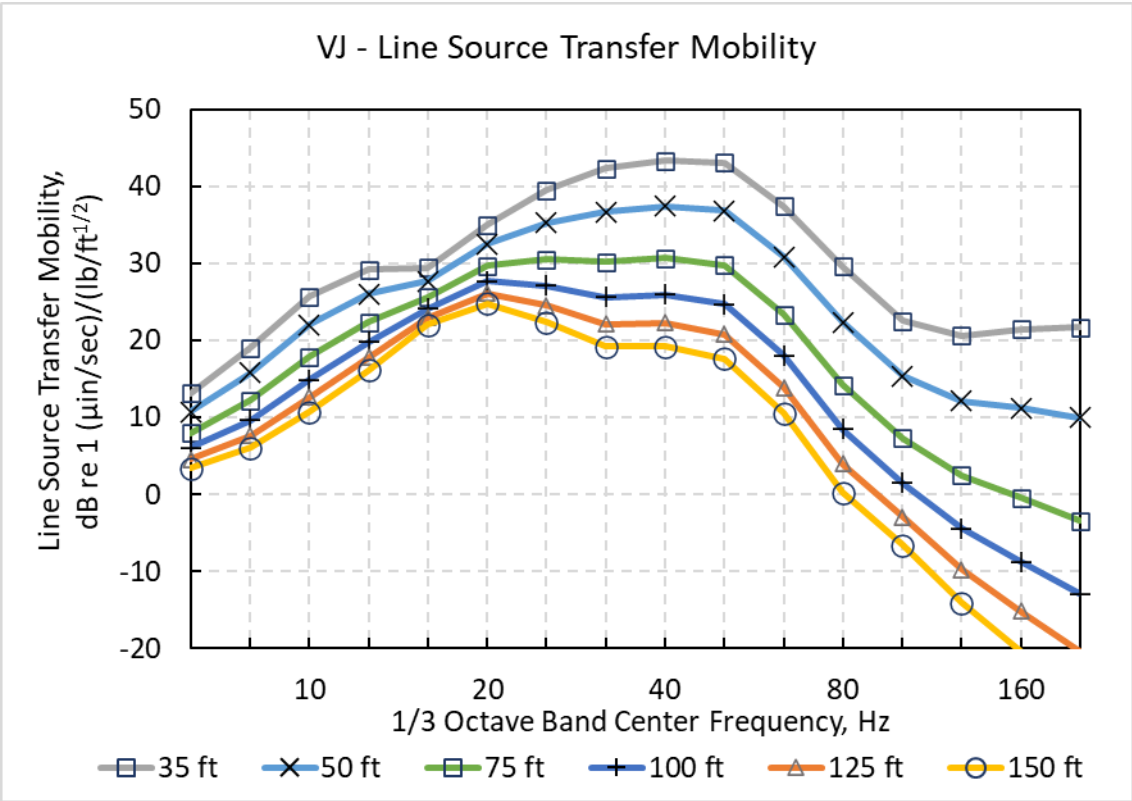

Figure D-13. Line Source Transfer Mobility Site VP-J 1st Avenue SW and SW 374th Street

ATTACHMENT E

Detailed Noise Assessment Results

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Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1519	2101 S 324TH ST	SF	1	70.0	80	65	64	69	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1519	2101 S 324TH ST	SF	1	70.0	132	62	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	70.0	104	64	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	70.0	112	63	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	70.0	117	63	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	70.0	111	63	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	70.0	120	63	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	70.0	127	62	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	70.0	123	63	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	70.0	112	63	64	69	0	0	--	--
S 324th St to Merion Way	162104UNKN	1100	1512	2101 S 324TH ST	SF	1	64.7	101	63	61	66	1	0	Noise Barrier at 4 ft	51
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	64.7	140	62	61	66	1	0	Noise Barrier at 4 ft	50

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	64.7	174	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	64.7	205	59	61	66	0	0	--	--
S 324th St to Merion Way	162104UNKN	1100	1513	2101 S 324TH ST	SF	1	64.7	153	61	61	66	1	0	Noise Barrier at 4 ft	50
S 324th St to Merion Way	162104UNKN	1100	1513	2101 S 324TH ST	SF	1	64.7	188	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	64.7	240	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	64.7	253	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	64.7	285	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1514	2101 S 324TH ST	SF	1	64.7	304	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1514	2101 S 324TH ST	SF	1	64.7	329	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1515	2101 S 324TH ST	SF	1	64.7	359	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1515	2101 S 324TH ST	SF	1	64.7	370	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1516	2101 S 324TH ST	SF	1	64.7	386	56	61	66	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1517	2101 S 324TH ST	SF	1	64.7	410	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1518	2101 S 324TH ST	SF	1	64.7	418	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1519	2101 S 324TH ST	SF	1	64.7	425	55	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	64.7	439	55	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	64.7	437	55	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	64.7	430	55	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	64.7	426	55	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	64.7	390	56	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	64.7	385	56	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	64.7	358	56	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	64.7	322	57	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	64.7	271	58	61	66	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	64.7	209	59	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	209	59	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	191	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	238	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	260	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	282	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	64.7	304	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	64.7	367	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	64.7	387	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	64.7	325	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1514	2101 S 324TH ST	SF	1	64.7	461	55	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	64.7	532	54	61	66	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	64.7	529	54	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	64.7	525	54	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	64.7	514	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	64.7	310	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	64.7	340	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	346	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	371	56	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	64.7	422	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	431	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	64.7	509	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	64.7	550	53	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	64.7	480	54	61	66	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	393	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	463	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	441	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	485	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	64.7	579	53	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1524	2101 S 324TH ST	SF	1	70.0	111	60	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1525	2101 S 324TH ST	SF	1	70.0	119	60	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1525	2101 S 324TH ST	SF	1	70.0	124	59	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1526	2101 S 324TH ST	SF	1	70.0	130	59	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1526	2101 S 324TH ST	SF	1	70.0	127	59	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1527	2101 S 324TH ST	SF	1	70.0	130	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1528	2101 S 324TH ST	SF	1	70.0	139	58	64	69	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Merion Way to S 328th Pl	1621049037	1110	1527	2101 S 324TH ST	SF	1	70.0	136	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1529	2101 S 324TH ST	SF	1	70.0	138	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1530	2101 S 324TH ST	SF	1	70.0	137	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1531	2101 S 324TH ST	SF	1	70.0	129	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1532	2101 S 324TH ST	SF	1	70.0	124	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1532	2101 S 324TH ST	SF	1	70.0	123	59	64	69	0	0	--	--
S 330th St to S 333rd St	1621049037	1110	1535	2101 S 324TH ST	SF	1	70.0	126	59	64	69	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	64.7	412	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	64.7	398	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	64.7	454	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	64.7	442	55	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	64.7	504	54	61	66	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	64.7	484	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	64.7	509	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	64.7	511	54	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	64.7	530	53	61	66	0	0	--	--
S 330th St to S 333rd St	7978800682	1174	1534	33003 24TH AVE S	SF	1	70.0	293	49	64	69	0	0	--	--
S 330th St to S 333rd St	7978800679	1215	1538	33035 24TH AVE S	SF	1	70.0	198	52	64	69	0	0	--	--
S 330th St to S 333rd St	7978800681	1225	1540	33049 24TH AVE S	SF	1	70.0	177	52	64	69	0	0	--	--
S 330th St to S 333rd St	7978200164	1232	1540	33111 24TH AVE S	SF	1	70.0	157	58	64	69	0	0	--	--
S 330th St to S 333rd St	7978200165	1242	1541	33211 24TH AVE S	SF	1	70.0	139	59	64	69	0	0	--	--
S 330th St to S 333rd St	7978200167	1250	1542	33217 24TH AVE S	SF	1	70.0	142	58	64	69	0	0	--	--
S 330th St to S 333rd St	7978200160	1271	1543	2244 S 333RD ST	SF	1	70.0	81	62	64	69	0	0	--	--
S 330th St to S 333rd St	7978200166	1269	1544	2238 S 333RD ST	SF	1	70.0	195	52	64	69	0	0	--	--

Table E-1 Detailed Noise Assessment Results for the Preferred Federal Way Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 333rd St to S 336th St	7978200184	1277	1545	2237 S 333RD ST	MF	4	70.0	151	59	64	69	0	0	--	--
S 333rd St to S 336th St	7978200182	1281	1546	2221 S 333RD ST	MF	4	70.0	290	48	64	69	0	0	--	--
S 333rd St to S 336th St	7978200182	1281	1548	2221 S 333RD ST	MF	6	70.0	252	66	64	69	6	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	7978200182	1281	1549	2221 S 333RD ST	MF	5	70.0	248	66	64	69	5	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	2897600000	1311	1549	2210 S 336TH ST	MF	5	70.0	248	66	64	69	5	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	2897600000	1311	1551	2210 S 336TH ST	MF	5	70.0	197	68	64	69	5	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	2897600000	1311	1551	2210 S 336TH ST	MF	5	70.0	280	60	64	69	0	0	--	--
S 333rd St to S 336th St	2897600000	1311	1553	2210 S 336TH ST	MF	5	67.4	367	58	62	68	0	0	--	--
S 333rd St to S 336th St	2897600000	1311	1551	2210 S 336TH ST	MF	5	67.4	393	58	62	68	0	0	--	--
S 333rd St to S 336th St	2596200000	1286	1551	2100 S 336TH ST	MF	6	67.4	483	56	62	68	0	0	--	--
S 333rd St to S 336th St	2596200000	1286	1553	2100 S 336TH ST	MF	4	67.4	436	57	62	68	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	65	304	59	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1514	2101 S 324TH ST	SF	1	65	301	61	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1517	2101 S 324TH ST	SF	1	70	195	63	64	69	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1517	2101 S 324TH ST	SF	1	70	166	63	64	69	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1518	2101 S 324TH ST	SF	1	70	146	63	64	69	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1518	2101 S 324TH ST	SF	1	70	123	64	64	69	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1519	2101 S 324TH ST	SF	1	70	93	66	64	69	1	0	Noise Barrier at 4 ft	56
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	70	57	68	64	69	1	0	Noise Barrier at 4 ft	57
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	70	62	68	64	69	1	0	Noise Barrier at 4 ft	57
S 324th St to Merion Way	1621049037	1110	1514	2101 S 324TH ST	SF	1	65	253	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	65	209	61	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	65	260	60	61	66	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	65	199	61	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	162104UNKN	1100	1512	2101 S 324TH ST	SF	1	65	162	62	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	65	120	64	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	65	81	66	61	66	0	1	Noise Barrier at 4 ft	56
S 324th St to Merion Way	162104UNKN	1100	1513	2101 S 324TH ST	SF	1	65	111	64	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	162104UNKN	1100	1513	2101 S 324TH ST	SF	1	65	76	66	61	66	0	1	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1515	2101 S 324TH ST	SF	1	65	98	65	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1515	2101 S 324TH ST	SF	1	65	115	64	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1516	2101 S 324TH ST	SF	1	65	141	63	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1517	2101 S 324TH ST	SF	1	65	176	62	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1518	2101 S 324TH ST	SF	1	65	199	61	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1519	2101 S 324TH ST	SF	1	65	223	60	61	66	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	65	254	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	65	272	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	65	284	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	65	298	58	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	65	281	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	65	289	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	65	277	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	65	254	59	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	65	211	61	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1523	2101 S 324TH ST	SF	1	65	154	62	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	65	72	67	61	66	0	1	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	65	87	66	61	66	1	0	Noise Barrier at 4 ft	56

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	65	112	64	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	65	69	67	61	66	0	1	Noise Barrier at 4 ft	57
S 324th St to Merion Way	1621049037	1110	1514	2101 S 324TH ST	SF	1	65	187	61	61	66	1	0	Noise Barrier at 4 ft	55
Merion Way to S 328th Pl	1621049037	1110	1520	2101 S 324TH ST	SF	1	65	356	57	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	65	375	57	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1521	2101 S 324TH ST	SF	1	65	388	57	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1522	2101 S 324TH ST	SF	1	65	400	57	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	65	112	64	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	65	151	62	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	65	96	65	61	66	1	0	Noise Barrier at 4 ft	56
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	65	134	63	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	65	155	62	61	66	1	0	Noise Barrier at 4 ft	55

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	65	180	61	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1512	2101 S 324TH ST	SF	1	65	231	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1511	2101 S 324TH ST	SF	1	65	280	59	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1513	2101 S 324TH ST	SF	1	65	201	61	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	65	166	62	61	66	1	0	Noise Barrier at 4 ft	55
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	65	217	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	65	215	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	65	250	59	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1510	2101 S 324TH ST	SF	1	65	320	58	61	66	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1524	2101 S 324TH ST	SF	1	70	85	62	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1525	2101 S 324TH ST	SF	1	70	102	60	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1525	2101 S 324TH ST	SF	1	70	115	60	64	69	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Merion Way to S 328th Pl	1621049037	1110	1526	2101 S 324TH ST	SF	1	70	127	59	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1526	2101 S 324TH ST	SF	1	70	130	59	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1527	2101 S 324TH ST	SF	1	70	138	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1528	2101 S 324TH ST	SF	1	70	152	58	64	69	0	0	--	--
Merion Way to S 328th Pl	1621049037	1110	1527	2101 S 324TH ST	SF	1	70	147	58	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1529	2101 S 324TH ST	SF	1	70	150	58	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1530	2101 S 324TH ST	SF	1	70	149	58	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1531	2101 S 324TH ST	SF	1	70	141	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1532	2101 S 324TH ST	SF	1	70	135	59	64	69	0	0	--	--
S 328th Pl to S 330th St	1621049037	1110	1532	2101 S 324TH ST	SF	1	70	134	59	64	69	0	0	--	--
S 330th St to S 333rd St	1621049037	1110	1535	2101 S 324TH ST	SF	1	70	136	59	64	69	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	65	244	59	61	66	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	65	242	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	65	315	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	65	240	60	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	65	295	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	65	298	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1507	2101 S 324TH ST	SF	1	65	332	58	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1509	2101 S 324TH ST	SF	1	65	285	59	61	66	0	0	--	--
S 324th St to Merion Way	1621049037	1110	1508	2101 S 324TH ST	SF	1	65	316	58	61	66	0	0	--	--
S 330th St to S 333rd St	7978800682	1174	1534	33003 24TH AVE S	SF	1	70	303	49	64	69	0	0	--	--
S 330th St to S 333rd St	7978800679	1215	1538	33035 24TH AVE S	SF	1	70	205	51	64	69	0	0	--	--
S 330th St to S 333rd St	7978800681	1225	1540	33049 24TH AVE S	SF	1	70	181	52	64	69	0	0	--	--
S 330th St to S 333rd St	7978200164	1232	1540	33111 24TH AVE S	SF	1	70	159	58	64	69	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 330th St to S 333rd St	7978200165	1242	1541	33211 24TH AVE S	SF	1	70	139	59	64	69	0	0	--	--
S 330th St to S 333rd St	7978200167	1250	1542	33217 24TH AVE S	SF	1	70	142	58	64	69	0	0	--	--
S 330th St to S 333rd St	7978200160	1271	1543	2244 S 333RD ST	SF	1	70	81	62	64	69	0	0	--	--
S 330th St to S 333rd St	7978200166	1269	1544	2238 S 333RD ST	SF	1	70	195	52	64	69	0	0	--	--
S 333rd St to S 336th St	7978200184	1277	1545	2237 S 333RD ST	MF	4	70	151	59	64	69	0	0	--	--
S 333rd St to S 336th St	7978200182	1281	1546	2221 S 333RD ST	MF	4	70	290	48	64	69	0	0	--	--
S 333rd St to S 336th St	7978200182	1281	1548	2221 S 333RD ST	MF	6	70	252	66	64	69	6	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	7978200182	1281	1549	2221 S 333RD ST	MF	5	70	248	66	64	69	5	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	2897600000	1311	1549	2210 S 336TH ST	MF	5	70	248	66	64	69	5	0	Noise Barrier at 4 ft	54
S 333rd St to S 336th St	2897600000	1311	1551	2210 S 336TH ST	MF	5	70	197	68	64	69	5	0	Noise Barrier at 4 ft	55
S 333rd St to S 336th St	2897600000	1311	1551	2210 S 336TH ST	MF	5	70	280	60	64	69	0	0	--	--
S 333rd St to S 336th St	2897600000	1311	1553	2210 S 336TH ST	MF	5	67	367	58	62	68	0	0	--	--

Table E-2 Detailed Noise Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 333rd St to S 336th St	2897600000	1311	1551	2210 S 336TH ST	MF	5	67	393	58	62	68	0	0	--	--
S 333rd St to S 336th St	2596200000	1286	1551	2100 S 336TH ST	MF	6	67	483	56	62	68	0	0	--	--
S 333rd St to S 336th St	2596200000	1286	1553	2100 S 336TH ST	MF	4	67	436	57	62	68	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 356th St to S 359th St	2821049070	1622	1631+00	35810 16TH AVE S	MF	8	65	48	78	65	71	0	8	Noise Barrier at 4 ft	59
S 356th St to S 359th St	2821049070	1622	1633+00	35810 16TH AVE S	MF	32	65	94	74	65	71	0	32	Noise Barrier at 4 ft	56
S 356th St to S 359th St	2821049070	1622	1634+00	35810 16TH AVE S	MF	32	65	91	68	65	71	32	0	Noise Barrier at 4 ft	56
S 356th St to S 359th St	2821049070	1622	1635+00	35810 16TH AVE S	MF	32	65	103	68	65	71	32	0	Noise Barrier at 4 ft	56
S 356th St to S 359th St	2821049070	1622	1636+00	35810 16TH AVE S	MF	24	65	134	61	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1637+00	35810 16TH AVE S	MF	36	65	194	59	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1638+00	35810 16TH AVE S	MF	36	65	52	71	65	71	0	36	Noise Barrier at 4 ft	59
S 359th St to S 364th Way	2821049134	1647	1640+00	1625 S 359TH ST	SF	1	65	84	69	65	71	1	0	Noise Barrier at 4 ft	58
S 359th St to S 364th Way	2821049140	1646	1639+00	1615 S 359TH ST	SF	1	65	173	64	65	71	0	0	--	--
S 359th St to S 364th Way	2821049110	1645	1639+00	35906 16TH AVE S	SF	1	65	320	56	65	71	0	0	--	--
S 359th St to S 364th Way	2821049140	1646	1640+00	1615 S 359TH ST	SF	1	65	193	59	65	71	0	0	--	--
S 359th St to S 364th Way	2821049115	1662	1641+00	35926 16TH AVE S	SF	1	65	242	62	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 359th St to S 364th Way	2821049190	1668	1644+00	36010 16TH AVE S	SF	1	65	178	64	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049077	1723	1824+00	36920 12TH AVE S	SF	1	65	238	63	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049080	1731	1826+00	37006 12TH AVE S	SF	1	65	146	65	65	71	1	0	Sound Insulation	--
11th Pl S to S 372nd Way	3221049007	1746	1832+00	37107 12TH AVE S	SF	1	65	288	55	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049128	1750	1832+00	37125 12TH AVE S	SF	1	65	132	61	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049133	1757	1832+00	1020 S 372ND WAY	SF	1	65	204	58	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049121	1776	1835+00	1021 S 372ND WAY	SF	1	65	150	60	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049121	1776	1837+00	1021 S 372ND WAY	SF	1	65	283	56	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049081	1790	1839+00	831 S 373RD PL	SF	1	65	203	63	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049122	1801	1840+00	819 S 373RD PL	SF	1	65	121	67	65	71	1	0	Sound Insulation	--
King CoLine to Comet St	5990000210	3063	1880+00	404 COMET ST UNIT A B	SF	1	65	719	56	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Comet St to Porter Way	0420052004	3117	1880+00	326 EMERALD ST	SF	1	65	1181	53	65	71	0	0	--	--
Comet St to Porter Way	5990000550	3130	1880+00	323 EMERALD ST	SF	1	65	1452	51	65	71	0	0	--	--
Comet St to Porter Way	5990000550	3130	1880+00	323 EMERALD ST	SF	1	65	1492	51	65	71	0	0	--	--
Comet St to Porter Way	5990000540	3143	1880+00	511 4TH AV	SF	1	65	1612	51	65	71	0	0	--	--
10th St E to 68th Ave E	0420053064	3249	1880+00	7127 PACIFIC HWY E	SF	1	65	3618	46	65	71	0	0	--	--
10th St E to 68th Ave E	0420057012	3250	1880+00	7121 PACIFIC HWY E	SF	1	65	3703	46	65	71	0	0	--	--
10th St E to 68th Ave E	0420053040	3251	1880+00	7119 PACIFIC HWY E	SF	1	65	3759	45	65	71	0	0	--	--
10th St E to 68th Ave E	0420053067	3258	1880+00	7115 PACIFIC HWY E	SF	1	65	3844	45	65	71	0	0	--	--
Porter Way to 10th St E	0420053058	3252	1880+00	913 70TH AV E	SF	1	65	3503	46	65	71	0	0	--	--
10th St E to 68th Ave E	0420053036	3261	1880+00	7109 PACIFIC HWY E	SF	1	65	3995	45	65	71	0	0	--	--
10th St E to 68th Ave E	0420053037	3262	1880+00	7111 PACIFIC HWY E	SF	1	65	4070	45	65	71	0	0	--	--
10th St E to 68th Ave E	0420053053	3266	1880+00	1119 70TH AV E	SF	1	65	4168	45	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	0420053001	3269	1880+00	1123 70TH AV E	SF	1	65	4263	45	65	71	0	0	--	--
Porter Way to 10th St E	0420053078	3253	1880+00	911 70TH AV E	SF	1	65	3461	41	65	71	0	0	--	--
Porter Way to 10th St E	0420053059	3265	1880+00	915 70TH AV E	SF	1	65	3565	41	65	71	0	0	--	--
10th St E to 68th Ave E	0420053027	3267	1880+00	1015 70TH AV E	SF	1	65	3822	41	65	71	0	0	--	--
10th St E to 68th Ave E	0420053067	3258	1880+00	7115 PACIFIC HWY E	SF	1	65	3855	41	65	71	0	0	--	--
10th St E to 68th Ave E	0420053034	3260	1880+00	1103 70TH AV E	SF	1	65	3974	41	65	71	0	0	--	--
10th St E to 68th Ave E	0420064139	3274	1880+00	6921 12TH ST E	SF	1	65	4271	40	65	71	0	0	--	--
10th St E to 68th Ave E	0420064138	3273	1880+00	1122 70TH AV E	SF	1	65	4208	40	65	71	0	0	--	--
10th St E to 68th Ave E	0420064151	3305	1880+00	6823 12TH ST E	SF	1	65	4291	39	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1880+00	1201 69TH AV E	SF	1	65	4414	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220020	3285	1880+00	1207 69TH AV E	SF	1	65	4446	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1880+00	1211 69TH AV E	SF	1	65	4530	44	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220040	3298	1880+00	1217 69TH AV E	SF	1	65	4557	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1880+00	1225 69TH AV E	SF	1	65	4613	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1880+00	1305 69TH AV E	SF	1	65	4652	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220070	3318	1880+00	1309 69TH AV E	SF	1	65	4704	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1880+00	1315 69TH AV E	SF	1	65	4743	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1880+00	1319 69TH AV E	SF	1	65	4779	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1880+00	1323 69TH AV E	SF	1	65	4815	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1880+00	1327 69TH AV E	SF	1	65	4848	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220120	3312	1880+00	1403 69TH AV E	SF	1	65	4892	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1880+00	1407 69TH AV E	SF	1	65	4946	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220140	3326	1880+00	1413 69TH AV E	SF	1	65	4978	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220150	3330	1880+00	1417 69TH AV E	SF	1	65	5014	44	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220160	3334	1880+00	1421 69TH AV E	SF	1	65	5055	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220170	3344	1880+00	1425 69TH AV E	SF	1	65	5090	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220180	3354	1880+00	1429 69TH AV E	SF	1	65	5101	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220190	3362	1880+00	1428 69TH AV E	SF	1	65	5107	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1880+00	1426 69TH AV E	SF	1	65	5061	44	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1880+00	1212 69TH AV E	SF	1	65	4453	40	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1880+00	1420 69TH AV E	SF	1	65	5027	39	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1880+00	1416 69TH AV E	SF	1	65	4982	39	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1880+00	1412 69TH AV E	SF	1	65	4933	39	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1880+00	1404 69TH AV E	SF	1	65	4910	39	65	71	0	0	--	--
10th St E to 68th Ave E	6025220250	3347	1880+00	1322 69TH AV E	SF	1	65	4855	39	65	71	0	0	--	--
10th St E to 68th Ave E	6025220260	3342	1880+00	1318 69TH AV E	SF	1	65	4816	39	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220270	3341	1880+00	1314 69TH AV E	SF	1	65	4777	39	65	71	0	0	--	--
King CoLine to Comet St	5990000210	3063	1886+00	404 COMET ST UNIT A B	SF	1	65	323	61	65	71	0	0	--	--
Comet St to Porter Way	0420052004	3117	1892+00	326 EMERALD ST	SF	1	65	285	61	65	71	0	0	--	--
Comet St to Porter Way	5990000550	3130	1894+00	323 EMERALD ST	SF	1	65	282	61	65	71	0	0	--	--
Comet St to Porter Way	5990000550	3130	1895+00	323 EMERALD ST	SF	1	65	315	61	65	71	0	0	--	--
Comet St to Porter Way	5990000540	3143	1896+00	511 4TH AV	SF	1	65	339	60	65	71	0	0	--	--
10th St E to 68th Ave E	0420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	65	214	63	65	71	0	0	--	--
10th St E to 68th Ave E	0420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	65	178	64	65	71	0	0	--	--
10th St E to 68th Ave E	0420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	65	172	64	65	71	0	0	--	--
10th St E to 68th Ave E	0420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	176	64	65	71	0	0	--	--
Porter Way to 10th St E	0420053058	3252	1915+00	913 70TH AV E	SF	1	65	249	62	65	71	0	0	--	--
10th St E to 68th Ave E	0420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	65	166	63	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	0420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	65	165	63	65	71	0	0	--	--
10th St E to 68th Ave E	0420053053	3266	1922+00	1119 70TH AV E	SF	1	65	234	61	65	71	0	0	--	--
10th St E to 68th Ave E	0420053001	3269	1923+00	1123 70TH AV E	SF	1	65	190	62	65	71	0	0	--	--
Porter Way to 10th St E	0420053078	3253	1914+00	911 70TH AV E	SF	1	65	378	55	65	71	0	0	--	--
Porter Way to 10th St E	0420053059	3265	1915+00	915 70TH AV E	SF	1	65	401	55	65	71	0	0	--	--
10th St E to 68th Ave E	0420053027	3267	1918+00	1015 70TH AV E	SF	1	65	349	56	65	71	0	0	--	--
10th St E to 68th Ave E	0420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	259	58	65	71	0	0	--	--
10th St E to 68th Ave E	0420053034	3260	1919+00	1103 70TH AV E	SF	1	65	299	55	65	71	0	0	--	--
10th St E to 68th Ave E	0420064139	3274	1923+00	6921 12TH ST E	SF	1	65	337	54	65	71	0	0	--	--
10th St E to 68th Ave E	0420064138	3273	1922+00	1122 70TH AV E	SF	1	65	364	53	65	71	0	0	--	--
10th St E to 68th Ave E	0420064151	3305	1924+00	6823 12TH ST E	SF	1	65	458	50	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	65	313	59	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	65	314	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	65	322	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	65	334	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	65	339	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	65	331	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	65	306	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	65	266	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	65	243	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	65	190	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	65	147	63	65	71	0	0	--	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	65	115	65	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	65	92	66	65	71	1	0	Noise Barrier at 4 ft	55

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	65	89	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	65	82	67	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	65	69	68	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	65	78	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	65	101	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	65	138	64	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	65	188	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	65	449	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	65	228	56	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	65	264	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	65	276	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	65	285	55	65	71	0	0	--	--

Table E-3 Detailed Noise Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	65	323	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	65	350	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	65	372	53	65	71	0	0	--	--
Porter Way to 10th St E	0420053048	3238	1909+00	7224 PACIFIC HWY E	HOSPITAL	1	65	82	69	65	71	1	0	Noise Barrier at 4 ft	57

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-4 Detailed Noise Assessment Results for the SF I-5 Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 356th St to S 359th St	2821049070	1622	1623+00	35810 16TH AVE S	MF	8	65	688	56	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1625+00	35810 16TH AVE S	MF	32	65	581	57	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1626+00	35810 16TH AVE S	MF	32	65	513	58	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1627+00	35810 16TH AVE S	MF	32	65	489	58	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1628+00	35810 16TH AVE S	MF	24	65	456	54	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1629+00	35810 16TH AVE S	MF	36	65	450	54	65	71	0	0	--	--
S 356th St to S 359th St	2821049070	1622	1629+00	35810 16TH AVE S	MF	36	65	298	61	65	71	0	0	--	--
S 359th St to S 364th Way	2821049134	1647	1631+00	1625 S 359TH ST	SF	1	65	252	62	65	71	0	0	--	--
S 359th St to S 364th Way	2821049140	1646	1631+00	1615 S 359TH ST	SF	1	65	361	60	65	71	0	0	--	--
S 359th St to S 364th Way	2821049110	1645	1631+00	35906 16TH AVE S	SF	1	65	506	53	65	71	0	0	--	--
S 359th St to S 364th Way	2821049140	1646	1632+00	1615 S 359TH ST	SF	1	65	343	56	65	71	0	0	--	--
S 359th St to S 364th Way	2821049115	1662	1633+00	35926 16TH AVE S	SF	1	65	348	60	65	71	0	0	--	--

Table E-4 Detailed Noise Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 359th St to S 364th Way	2821049190	1668	1635+00	36010 16TH AVE S	SF	1	65	227	63	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049077	1723	1670+00	36920 12TH AVE S	SF	1	65	238	63	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049080	1731	1672+00	37006 12TH AVE S	SF	1	65	146	65	65	71	1	0	Sound Insulation	--
11th Pl S to S 372nd Way	3221049007	1746	1678+00	37107 12TH AVE S	SF	1	65	288	55	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049128	1750	1678+00	37125 12TH AVE S	SF	1	65	132	61	65	71	0	0	--	--
11th Pl S to S 372nd Way	3221049133	1757	1678+00	1020 S 372ND WAY	SF	1	65	204	58	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049121	1776	1835+00	1021 S 372ND WAY	SF	1	65	150	60	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049121	1776	1837+00	1021 S 372ND WAY	SF	1	65	283	56	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049081	1790	1839+00	831 S 373RD PL	SF	1	65	203	63	65	71	0	0	--	--
S 372nd Way to S 376th St	3221049122	1801	1840+00	819 S 373RD PL	SF	1	65	121	67	65	71	1	0	Sound Insulation	--
King CoLine to Comet St	5990000210	3063	1886+00	404 COMET ST UNIT A B	SF	1	65	323	61	65	71	0	0	--	--
Comet St to Porter Way	0420052004	3117	1892+00	326 EMERALD ST	SF	1	65	285	61	65	71	0	0	--	--

Table E-4 Detailed Noise Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Comet St to Porter Way	5990000550	3130	1894+00	323 EMERALD ST	SF	1	65	282	61	65	71	0	0	--	--
Comet St to Porter Way	5990000550	3130	1895+00	323 EMERALD ST	SF	1	65	315	61	65	71	0	0	--	--
Comet St to Porter Way	5990000540	3143	1896+00	511 4TH AV	SF	1	65	339	60	65	71	0	0	--	--
10th St E to 68th Ave E	0420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	65	214	63	65	71	0	0	--	--
10th St E to 68th Ave E	0420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	65	178	64	65	71	0	0	--	--
10th St E to 68th Ave E	0420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	65	172	64	65	71	0	0	--	--
10th St E to 68th Ave E	0420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	176	64	65	71	0	0	--	--
Porter Way to 10th St E	0420053058	3252	1915+00	913 70TH AV E	SF	1	65	249	62	65	71	0	0	--	--
10th St E to 68th Ave E	0420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	65	166	63	65	71	0	0	--	--
10th St E to 68th Ave E	0420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	65	165	63	65	71	0	0	--	--
10th St E to 68th Ave E	0420053053	3266	1922+00	1119 70TH AV E	SF	1	65	234	61	65	71	0	0	--	--
10th St E to 68th Ave E	0420053001	3269	1923+00	1123 70TH AV E	SF	1	65	190	62	65	71	0	0	--	--
Porter Way to 10th St E	0420053078	3253	1914+00	911 70TH AV E	SF	1	65	378	55	65	71	0	0	--	--
Porter Way to 10th St E	0420053059	3265	1915+00	915 70TH AV E	SF	1	65	401	55	65	71	0	0	--	--

Table E-4 Detailed Noise Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	0420053027	3267	1918+00	1015 70TH AV E	SF	1	65	349	56	65	71	0	0	--	--
10th St E to 68th Ave E	0420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	259	58	65	71	0	0	--	--
10th St E to 68th Ave E	0420053034	3260	1919+00	1103 70TH AV E	SF	1	65	299	55	65	71	0	0	--	--
10th St E to 68th Ave E	0420064139	3274	1923+00	6921 12TH ST E	SF	1	65	337	54	65	71	0	0	--	--
10th St E to 68th Ave E	0420064138	3273	1922+00	1122 70TH AV E	SF	1	65	364	53	65	71	0	0	--	--
10th St E to 68th Ave E	0420064151	3305	1924+00	6823 12TH ST E	SF	1	65	458	50	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	65	313	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	65	314	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	65	322	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	65	334	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	65	339	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	65	331	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	65	306	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	65	266	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	65	243	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	65	190	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	65	147	63	65	71	0	0	--	--

Table E-4 Detailed Noise Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	65	115	65	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	65	92	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	65	89	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	65	82	67	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	65	69	68	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	65	78	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	65	101	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	65	138	64	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	65	188	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	65	449	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	65	228	56	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	65	264	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	65	276	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	65	285	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	65	323	54	65	71	0	0	--	--

Table E-4 Detailed Noise Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	65	350	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	65	372	53	65	71	0	0	--	--
Porter Way to 10th St E	0420053048	3238	1909+00	7224 PACIFIC HWY E	HOSPITAL	1	65	82	69	65	71	1	0	Noise Barrier at 4 ft	57

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	63	138	66	63	68	1	0	Sound Insulation	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	63	210	64	63	68	1	0	Noise Barrier at 4 ft	55
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	66	121	66	66	71	1	0	Noise Barrier at 4 ft	55
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	63	181	64	63	68	1	0	Noise Barrier at 4 ft	57
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	63	459	59	63	68	0	0	--	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	63	395	59	63	68	0	0	--	--
S 364th St to S 373rd St	3221049016	1706	1683+00	36815 PACIFIC HWY S	CH	1	66	131	65	66	71	0	0	--	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	63	184	64	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	63	141	66	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	63	303	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	2188203420	1782	1703+00	37226 1ST AVE SW	SF	1	63	326	56	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	63	260	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	3221049025	1843	1711+00	37600 PACIFIC HWY S	CEM	1	66	135	64	66	71	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	78	70	63	68	0	1	Noise Barrier at 4 ft	59
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	102	68	63	68	0	1	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	80	70	63	68	0	1	Noise Barrier at 4 ft	59
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	163	61	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	190	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	120	63	63	68	1	0	Noise Barrier at 4 ft	53
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	141	62	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	162	61	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	221	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	241	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	263	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	287	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	63	268	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	63	237	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	184	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	204	58	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	229	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	288	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	314	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	337	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	309	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	249	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	280	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	344	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	359	51	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	302	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	321	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	350	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	119	67	63	68	1	0	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	138	62	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	164	61	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	187	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	192	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	160	61	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	226	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	262	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	281	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	230	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	313	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	335	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	353	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	348	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	313	54	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	378	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	379	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	63	129	66	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	63	222	63	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	63	277	57	63	68	0	0	--	--
Johnson Rd to Porter Way	420061029	3035	1738+00	7909 PACIFIC HWY E	HOTEL	1	63	72	71	63	68	0	1	Noise Barrier at 4 ft	59
Johnson Rd to Porter Way	420052026	3058	1745+00	7802 PACIFIC HWY E	SF	1	63	197	59	63	68	0	0	--	--
Johnson Rd to Porter Way	420061054	3094	1747+00	222 TO 224 70TH AV E	MF	2	63	140	66	63	68	2	0	Noise Barrier at 4 ft	56
Johnson Rd to Porter Way	420061105	3093	1747+00	210 TO 212 70TH AV E	SF	1	63	305	57	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061075	3107	1748+00	304 70TH AV E	SF	1	63	189	64	63	68	1	0	Noise Barrier at 4 ft	56
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	12	63	511	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	63	659	52	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	63	453	59	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	6	63	550	53	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	12	63	603	51	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260180	3152	1754+00	6919 5TH STCT E	SF	1	63	628	57	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260020	3167	1756+00	6918 5TH STCT E	SF	1	63	640	57	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260010	3169	1757+00	6922 5TH STCT E	SF	1	63	608	57	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	6024260170	3150	1754+00	6911 5TH STREET CT E	SF	1	63	669	52	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260030	3166	1756+00	6914 5TH STCT E	SF	1	63	684	52	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260160	3149	1754+00	6907 5TH STCT E	SF	1	63	712	50	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260040	3165	1756+00	6910 5TH STCT E	SF	1	63	732	50	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260050	3164	1755+00	6906 5TH STCT E	SF	1	63	773	48	63	68	0	0	--	--
Johnson Rd to Porter Way	420052015	3142	1755+00	509 70TH AV	SF	1	63	429	59	63	68	0	0	--	--
Johnson Rd to Porter Way	420052011	3183	1760+00	615 70TH AV E	SF	1	63	519	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420052019	3174	1758+00	607 70TH AV E	SF	1	63	504	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420061185	3176	1757+00	606 70TH AV E	SF	1	63	659	52	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061022	3187	1759+00	616 70TH AV E	SF	1	63	737	51	63	68	0	0	--	--
Porter Way to 10th St	420061178	3191	1761+00	624 70TH AV E	SF	1	63	756	51	63	68	0	0	--	--
Porter Way to 10th St	420052009	3211	1766+00	7303 PACIFIC HWY E	SF	1	63	493	58	63	68	0	0	--	--
Porter Way to 10th St	420053071	3257	1768+00	805 70TH AV E	SF	1	63	449	59	63	68	0	0	--	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	63	389	60	63	68	0	0	--	--
Porter Way to 10th St	420061179	3202	1764+00	712 70TH AV E	SF	1	63	776	51	63	68	0	0	--	--
Porter Way to 10th St	420061030	3217	1766+00	726 70TH AV E	SF	1	63	737	51	63	68	0	0	--	--
Porter Way to 10th St	420064044	3277	1770+00	816 70TH AV E	SF	1	63	673	52	63	68	0	0	--	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	65	608	52	65	71	0	0	--	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	65	482	54	65	71	0	0	--	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	65	533	53	65	71	0	0	--	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	63	462	54	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	65	450	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	65	467	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	65	475	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	65	484	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	65	479	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	65	424	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	65	440	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	65	466	52	65	71	0	0	--	--
Johnson Rd to Porter Way	420052004	3117	1755+00	326 EMERALD ST	SF	1	65	921	54	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	740	56	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1757+00	323 EMERALD ST	SF	1	65	744	56	65	71	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	65	696	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	65	231	63	65	71	0	0	--	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	65	194	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	65	188	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	191	64	65	71	0	0	--	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	65	267	62	65	71	0	0	--	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	65	180	63	65	71	0	0	--	--
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	65	179	63	65	71	0	0	--	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	65	248	61	65	71	0	0	--	--
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	65	204	62	65	71	0	0	--	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	65	397	55	65	71	0	0	--	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	65	419	55	65	71	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	65	364	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	274	57	65	71	0	0	--	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	65	313	55	65	71	0	0	--	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	65	351	54	65	71	0	0	--	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	65	378	53	65	71	0	0	--	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	65	472	50	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	65	327	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	65	328	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	65	336	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	65	348	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	65	353	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	65	345	58	65	71	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	65	320	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	65	280	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	65	257	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	65	204	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	65	161	63	65	71	0	0	--	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	65	129	65	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	65	106	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	65	103	66	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	65	96	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	65	83	68	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	65	92	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	65	115	66	65	71	1	0	Noise Barrier at 4 ft	55

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	65	152	64	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	65	202	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	65	463	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	65	242	56	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	65	278	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	65	290	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	65	299	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	65	337	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	65	364	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	65	386	53	65	71	0	0	--	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	63	142	66	63	68	1	0	Noise Barrier at 4 ft	57
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	63	234	58	63	68	0	0	--	--

Table E-5 Detailed Noise Assessment Results for the SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 344th St to S 346th St	2121049078	1480	1596+00	1688 S 348TH ST	HOTEL	1	65	64	66	65	71	1	0	Noise Barrier at 4 ft	53
Porter Way to 10th St	420053048	3238	1768+00	7224 PACIFIC HWY E	HOSPITAL	1	65	110	68	65	71	1	0	Noise Barrier at 4 ft	57

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	63	124	66	63	68	1	0	Noise Barrier at 4 ft	61
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	63	196	64	63	68	1	0	Noise Barrier at 4 ft	58
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	66	107	66	66	71	1	0	Noise Barrier at 4 ft	55
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	63	181	64	63	68	1	0	Noise Barrier at 4 ft	57
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	63	459	59	63	68	0	0	--	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	63	395	59	63	68	0	0	--	--
S 364th St to S 373rd St	3221049016	1706	1683+00	36815 PACIFIC HWY S	CH	1	66	117	65	66	71	0	0	--	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	63	184	64	63	68	1	0	Noise Barrier at 4 ft	59
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	63	127	66	63	68	1	0	Noise Barrier at 4 ft	61
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	63	289	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	2188203420	1782	1703+00	37226 1ST AVE SW	SF	1	63	312	56	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	63	246	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	3221049025	1843	1711+00	37600 PACIFIC HWY S	CEM	1	66	135	64	66	71	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	64	70	63	68	0	1	Noise Barrier at 4 ft	66
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	88	68	63	68	0	1	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	66	70	63	68	0	1	Noise Barrier at 4 ft	59
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	149	61	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	176	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	106	63	63	68	1	0	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	127	62	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	148	61	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	207	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	227	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	249	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	273	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	63	254	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	63	223	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	170	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	190	58	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	215	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	274	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	300	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	323	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	295	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	235	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	266	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	330	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	345	51	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	288	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	307	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	336	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	105	67	63	68	1	0	Noise Barrier at 4 ft	63
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	124	62	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	150	61	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	173	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	178	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	146	61	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	212	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	248	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	267	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	216	57	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	299	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	321	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	339	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	334	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	299	54	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	364	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	365	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	63	129	66	63	68	1	0	Noise Barrier at 4 ft	61
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	63	222	63	63	68	1	0	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	63	277	57	63	68	0	0	--	--
Johnson Rd to Porter Way	420061029	3035	1739+00	7909 PACIFIC HWY E	HOTEL	1	63	165	65	63	68	1	0	Noise Barrier at 4 ft	55
Johnson Rd to Porter Way	420052026	3058	1745+00	7802 PACIFIC HWY E	SF	1	63	134	61	63	68	0	0	--	--
Johnson Rd to Porter Way	420061054	3094	1747+00	222 TO 224 70TH AV E	MF	2	63	530	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420061105	3093	1746+00	210 TO 212 70TH AV E	SF	1	63	678	52	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061075	3107	1748+00	304 70TH AV E	SF	1	63	593	57	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1758+00	6926 5TH ST E	MF	12	63	822	55	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1758+00	6926 5TH ST E	MF	12	63	994	49	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1756+00	6926 5TH ST E	MF	12	63	814	55	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1756+00	6926 5TH ST E	MF	6	63	931	50	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1755+00	6926 5TH ST E	MF	12	63	988	48	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260180	3152	1760+00	6919 5TH STCT E	SF	1	63	911	54	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260020	3167	1762+00	6918 5TH STCT E	SF	1	63	839	55	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260010	3169	1762+00	6922 5TH STCT E	SF	1	63	797	55	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	6024260170	3150	1760+00	6911 5TH STREET CT E	SF	1	63	956	49	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260030	3166	1762+00	6914 5TH STCT E	SF	1	63	883	50	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260160	3149	1760+00	6907 5TH STCT E	SF	1	63	1006	48	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260040	3165	1762+00	6910 5TH STCT E	SF	1	63	935	48	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260050	3164	1762+00	6906 5TH STCT E	SF	1	63	984	46	63	68	0	0	--	--
Johnson Rd to Porter Way	420052015	3142	1758+00	509 70TH AV	SF	1	63	730	56	63	68	0	0	--	--
Johnson Rd to Porter Way	420052011	3183	1764+00	615 70TH AV E	SF	1	63	610	57	63	68	0	0	--	--
Johnson Rd to Porter Way	420052019	3174	1763+00	607 70TH AV E	SF	1	63	640	56	63	68	0	0	--	--
Johnson Rd to Porter Way	420061185	3176	1763+00	606 70TH AV E	SF	1	63	808	51	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061022	3187	1764+00	616 70TH AV E	SF	1	63	834	50	63	68	0	0	--	--
Porter Way to 10th St	420061178	3191	1765+00	624 70TH AV E	SF	1	63	809	51	63	68	0	0	--	--
Porter Way to 10th St	420052009	3211	1768+00	7303 PACIFIC HWY E	SF	1	63	478	58	63	68	0	0	--	--
Porter Way to 10th St	420053071	3257	1769+00	805 70TH AV E	SF	1	63	428	59	63	68	0	0	--	--
Porter Way to 10th St	420053042	3256	1771+00	817 70TH AV E	SF	1	63	373	60	63	68	0	0	--	--
Porter Way to 10th St	420061179	3202	1767+00	712 70TH AV E	SF	1	63	772	51	63	68	0	0	--	--
Porter Way to 10th St	420061030	3217	1769+00	726 70TH AV E	SF	1	63	717	51	63	68	0	0	--	--
Porter Way to 10th St	420064044	3277	1771+00	816 70TH AV E	SF	1	63	658	52	63	68	0	0	--	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	65	601	52	65	71	0	0	--	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	65	473	54	65	71	0	0	--	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	65	519	53	65	71	0	0	--	--
Porter Way to 10th St	420053042	3256	1772+00	817 70TH AV E	SF	1	63	447	54	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	65	436	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	65	453	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	65	461	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	65	470	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	65	465	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	65	410	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	65	426	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	65	452	52	65	71	0	0	--	--
Johnson Rd to Porter Way	420052004	3117	1754+00	326 EMERALD ST	SF	1	65	547	57	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	419	59	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	435	59	65	71	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	65	418	59	65	71	0	0	--	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	65	217	63	65	71	0	0	--	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	65	180	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	65	174	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	177	64	65	71	0	0	--	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	65	253	62	65	71	0	0	--	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	65	166	63	65	71	0	0	--	--
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	65	165	63	65	71	0	0	--	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	65	234	61	65	71	0	0	--	--
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	65	190	62	65	71	0	0	--	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	65	383	55	65	71	0	0	--	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	65	405	55	65	71	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	65	350	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	260	57	65	71	0	0	--	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	65	299	55	65	71	0	0	--	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	65	337	54	65	71	0	0	--	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	65	364	53	65	71	0	0	--	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	65	458	50	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	65	313	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	65	314	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	65	322	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	65	334	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	65	339	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	65	331	58	65	71	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	65	306	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	65	266	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	65	243	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	65	190	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	65	147	63	65	71	0	0	--	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	65	115	65	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	65	92	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	65	89	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	65	82	67	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	65	69	68	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	65	78	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	65	101	66	65	71	1	0	Noise Barrier at 4 ft	55

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	65	138	64	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	65	188	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	65	449	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	65	228	56	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	65	264	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	65	276	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	65	285	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	65	323	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	65	350	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	65	372	53	65	71	0	0	--	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	63	142	66	63	68	1	0	Noise Barrier at 4 ft	57
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	63	234	58	63	68	0	0	--	--

Table E-6 Detailed Noise Assessment Results for the SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 344th St to S 346th St	2121049078	1480	1596+00	1688 S 348TH ST	HOTEL	1	65	64	66	65	71	1	0	Noise Barrier at 4 ft	53
Porter Way to 10th St	420053048	3238	1769+00	7224 PACIFIC HWY E	HOSPITAL	1	65	90	68	65	71	1	0	Noise Barrier at 4 ft	56

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	63	243	62	63	68	0	0	--	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	63	310	61	63	68	0	0	--	--
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	66	221	61	66	71	0	0	--	--
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	63	67	70	63	68	0	1	Noise Barrier at 4 ft	59
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	63	345	60	63	68	0	0	--	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	63	281	62	63	68	0	0	--	--
S 364th St to S 373rd St	3221049016	1706	1684+00	36815 PACIFIC HWY S	CH	1	66	231	61	66	71	0	0	--	--
S 364th St to S 373rd St	3221049078	1717	1686+00	36903 PACIFIC HWY S	SF	1	63	164	65	63	68	1	0	Sound Insulation	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	63	69	70	63	68	0	1	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	63	200	64	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	63	358	56	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	2188203420	1782	1704+00	37226 1ST AVE SW	SF	1	63	390	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	63	318	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	3221049025	1843	1712+00	37600 PACIFIC HWY S	CEM	1	66	79	68	66	71	1	0	Noise Barrier at 4 ft	56
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	121	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	145	66	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	123	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	206	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	234	58	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	163	60	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	184	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	205	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	264	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	284	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	306	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	330	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	311	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	280	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	227	57	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	247	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	272	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	331	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	357	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	380	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	353	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	293	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	323	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	387	51	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	402	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	345	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	364	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	393	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	115	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	151	65	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	162	65	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	122	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	181	60	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	208	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	230	58	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	235	58	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	203	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	269	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	305	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	324	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	273	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	356	53	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	378	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	396	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	391	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	356	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	421	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	422	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	63	72	70	63	68	0	1	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	63	165	65	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	63	219	59	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061029	3035	1738+00	7909 PACIFIC HWY E	HOTEL	1	63	114	67	63	68	1	0	Noise Barrier at 4 ft	56
Johnson Rd to Porter Way	420052026	3058	1744+00	7802 PACIFIC HWY E	SF	1	63	150	61	63	68	0	0	--	--
Johnson Rd to Porter Way	420061054	3094	1747+00	222 TO 224 70TH AV E	MF	2	63	148	65	63	68	2	0	Noise Barrier at 4 ft	56
Johnson Rd to Porter Way	420061105	3093	1747+00	210 TO 212 70TH AV E	SF	1	63	317	56	63	68	0	0	--	--
Johnson Rd to Porter Way	420061075	3107	1748+00	304 70TH AV E	SF	1	63	191	64	63	68	1	0	Noise Barrier at 4 ft	55
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	12	63	497	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	63	645	52	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	63	439	59	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	6	63	536	53	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	12	63	589	51	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260180	3152	1754+00	6919 5TH STCT E	SF	1	63	614	57	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260020	3167	1756+00	6918 5TH STCT E	SF	1	63	626	57	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260010	3169	1756+00	6922 5TH STCT E	SF	1	63	594	57	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260170	3150	1754+00	6911 5TH STREET CT E	SF	1	63	655	52	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260030	3166	1756+00	6914 5TH STCT E	SF	1	63	670	52	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260160	3149	1754+00	6907 5TH STCT E	SF	1	63	698	50	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260040	3165	1755+00	6910 5TH STCT E	SF	1	63	718	50	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260050	3164	1755+00	6906 5TH STCT E	SF	1	63	759	48	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420052015	3142	1754+00	509 70TH AV	SF	1	63	415	59	63	68	0	0	--	--
Johnson Rd to Porter Way	420052011	3183	1760+00	615 70TH AV E	SF	1	63	505	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420052019	3174	1758+00	607 70TH AV E	SF	1	63	490	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420061185	3176	1757+00	606 70TH AV E	SF	1	63	645	52	63	68	0	0	--	--
Johnson Rd to Porter Way	420061022	3187	1759+00	616 70TH AV E	SF	1	63	723	51	63	68	0	0	--	--
Porter Way to 10th St	420061178	3191	1760+00	624 70TH AV E	SF	1	63	742	51	63	68	0	0	--	--
Porter Way to 10th St	420052009	3211	1765+00	7303 PACIFIC HWY E	SF	1	63	479	58	63	68	0	0	--	--
Porter Way to 10th St	420053071	3257	1767+00	805 70TH AV E	SF	1	63	435	59	63	68	0	0	--	--
Porter Way to 10th St	420053042	3256	1769+00	817 70TH AV E	SF	1	63	375	60	63	68	0	0	--	--
Porter Way to 10th St	420061179	3202	1764+00	712 70TH AV E	SF	1	63	762	51	63	68	0	0	--	--
Porter Way to 10th St	420061030	3217	1766+00	726 70TH AV E	SF	1	63	723	51	63	68	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Porter Way to 10th St	420064044	3277	1770+00	816 70TH AV E	SF	1	63	659	52	63	68	0	0	--	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	65	594	52	65	71	0	0	--	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	65	468	54	65	71	0	0	--	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	65	519	53	65	71	0	0	--	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	63	448	54	63	68	0	0	--	--
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	65	436	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	65	453	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	65	461	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	65	470	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	65	465	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	65	410	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	65	426	52	65	71	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	65	452	52	65	71	0	0	--	--
Johnson Rd to Porter Way	420052004	3117	1755+00	326 EMERALD ST	SF	1	65	921	54	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	740	56	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	744	56	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	65	696	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	65	217	63	65	71	0	0	--	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	65	180	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	65	174	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	177	64	65	71	0	0	--	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	65	253	62	65	71	0	0	--	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	65	166	63	65	71	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	65	165	63	65	71	0	0	--	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	65	234	61	65	71	0	0	--	--
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	65	190	62	65	71	0	0	--	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	65	383	55	65	71	0	0	--	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	65	405	55	65	71	0	0	--	--
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	65	350	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	260	57	65	71	0	0	--	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	65	299	55	65	71	0	0	--	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	65	337	54	65	71	0	0	--	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	65	364	53	65	71	0	0	--	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	65	458	50	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	65	313	59	65	71	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	65	314	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	65	322	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	65	334	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	65	339	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	65	331	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	65	306	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	65	266	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	65	243	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	65	190	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	65	147	63	65	71	0	0	--	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	65	115	65	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	65	92	66	65	71	1	0	Noise Barrier at 4 ft	55

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	65	89	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	65	82	67	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	65	69	68	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	65	78	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	65	101	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	65	138	64	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	65	188	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	65	449	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	65	228	56	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	65	264	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	65	276	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	65	285	55	65	71	0	0	--	--

Table E-7 Detailed Noise Assessment Results for the SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	65	323	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	65	350	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	65	372	53	65	71	0	0	--	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	63	120	62	63	68	0	0	--	--
S 344th St to S 346th St	2121049078	1480	1598+00	1688 S 348TH ST	HOTEL	1	65	62	66	65	71	1	0	Noise Barrier at 4 ft	53
Porter Way to 10th St	420053048	3238	1767+00	7224 PACIFIC HWY E	HOSPITAL	1	65	96	68	65	71	1	0	Noise Barrier at 4 ft	56

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	63	243	62	63	68	0	0	--	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	63	310	61	63	68	0	0	--	--
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	66	221	61	66	71	0	0	--	--
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	63	67	70	63	68	0	1	Noise Barrier at 4 ft	59
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	63	345	60	63	68	0	0	--	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	63	281	62	63	68	0	0	--	--
S 364th St to S 373rd St	3221049016	1706	1684+00	36815 PACIFIC HWY S	CH	1	66	231	61	66	71	0	0	--	--
S 364th St to S 373rd St	3221049078	1717	1686+00	36903 PACIFIC HWY S	SF	1	63	164	65	63	68	1	0	Sound Insulation	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	63	69	70	63	68	0	1	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	63	200	64	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	63	358	56	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	2188203420	1782	1704+00	37226 1ST AVE SW	SF	1	63	390	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	63	318	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	3221049025	1843	1712+00	37600 PACIFIC HWY S	CEM	1	66	79	68	66	71	1	0	Noise Barrier at 4 ft	56
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	121	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	145	66	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	123	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	206	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	234	58	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	163	60	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	184	60	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	205	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	264	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	284	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	306	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	330	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	311	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	280	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	227	57	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	247	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	272	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	331	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	357	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	380	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	353	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	293	54	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	323	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	387	51	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	63	402	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	345	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	364	51	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	63	393	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	115	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	151	65	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	162	65	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	122	67	63	68	1	0	Noise Barrier at 4 ft	57
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	181	60	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	208	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	230	58	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	235	58	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	203	59	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	63	269	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	305	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	324	55	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	273	56	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	356	53	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	378	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	396	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	391	52	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	356	53	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	63	421	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	63	422	50	63	68	0	0	--	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	63	72	70	63	68	0	1	Noise Barrier at 4 ft	58
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	63	165	65	63	68	1	0	Sound Insulation	--
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	63	219	59	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061029	3035	1738+00	7909 PACIFIC HWY E	HOTEL	1	63	190	64	63	68	1	0	Noise Barrier at 4 ft	59
Johnson Rd to Porter Way	420052026	3058	1744+00	7802 PACIFIC HWY E	SF	1	63	134	61	63	68	0	0	--	--
Johnson Rd to Porter Way	420061054	3094	1746+00	222 TO 224 70TH AV E	MF	2	63	530	58	63	68	0	0	--	--
Johnson Rd to Porter Way	420061105	3093	1745+00	210 TO 212 70TH AV E	SF	1	63	678	52	63	68	0	0	--	--
Johnson Rd to Porter Way	420061075	3107	1746+00	304 70TH AV E	SF	1	63	593	57	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1757+00	6926 5TH ST E	MF	12	63	822	55	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1757+00	6926 5TH ST E	MF	12	63	994	49	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1755+00	6926 5TH ST E	MF	12	63	814	55	63	68	0	0	--	--
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	6	63	931	50	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	12	63	988	48	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260180	3152	1759+00	6919 5TH STCT E	SF	1	63	911	54	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260020	3167	1761+00	6918 5TH STCT E	SF	1	63	839	55	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260010	3169	1761+00	6922 5TH STCT E	SF	1	63	797	55	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260170	3150	1759+00	6911 5TH STREET CT E	SF	1	63	956	49	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260030	3166	1761+00	6914 5TH STCT E	SF	1	63	883	50	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260160	3149	1759+00	6907 5TH STCT E	SF	1	63	1006	48	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260040	3165	1761+00	6910 5TH STCT E	SF	1	63	935	48	63	68	0	0	--	--
Johnson Rd to Porter Way	6024260050	3164	1761+00	6906 5TH STCT E	SF	1	63	984	46	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Johnson Rd to Porter Way	420052015	3142	1757+00	509 70TH AV	SF	1	63	730	56	63	68	0	0	--	--
Johnson Rd to Porter Way	420052011	3183	1762+00	615 70TH AV E	SF	1	63	610	57	63	68	0	0	--	--
Johnson Rd to Porter Way	420052019	3174	1762+00	607 70TH AV E	SF	1	63	640	56	63	68	0	0	--	--
Johnson Rd to Porter Way	420061185	3176	1762+00	606 70TH AV E	SF	1	63	808	51	63	68	0	0	--	--
Johnson Rd to Porter Way	420061022	3187	1763+00	616 70TH AV E	SF	1	63	834	50	63	68	0	0	--	--
Porter Way to 10th St	420061178	3191	1764+00	624 70TH AV E	SF	1	63	809	51	63	68	0	0	--	--
Porter Way to 10th St	420052009	3211	1767+00	7303 PACIFIC HWY E	SF	1	63	478	58	63	68	0	0	--	--
Porter Way to 10th St	420053071	3257	1768+00	805 70TH AV E	SF	1	63	428	59	63	68	0	0	--	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	63	373	60	63	68	0	0	--	--
Porter Way to 10th St	420061179	3202	1766+00	712 70TH AV E	SF	1	63	772	51	63	68	0	0	--	--
Porter Way to 10th St	420061030	3217	1767+00	726 70TH AV E	SF	1	63	717	51	63	68	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Porter Way to 10th St	420064044	3277	1770+00	816 70TH AV E	SF	1	63	658	52	63	68	0	0	--	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	65	601	52	65	71	0	0	--	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	65	473	54	65	71	0	0	--	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	65	519	53	65	71	0	0	--	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	63	447	54	63	68	0	0	--	--
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	65	436	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	65	453	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	65	461	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	65	470	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	65	465	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	65	410	53	65	71	0	0	--	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	65	426	52	65	71	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	65	452	52	65	71	0	0	--	--
Johnson Rd to Porter Way	420052004	3117	1755+00	326 EMERALD ST	SF	1	65	921	54	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	740	56	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	65	744	56	65	71	0	0	--	--
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	65	696	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	65	217	63	65	71	0	0	--	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	65	180	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	65	174	64	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	177	64	65	71	0	0	--	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	65	253	62	65	71	0	0	--	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	65	166	63	65	71	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	65	165	63	65	71	0	0	--	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	65	234	61	65	71	0	0	--	--
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	65	190	62	65	71	0	0	--	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	65	383	55	65	71	0	0	--	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	65	405	55	65	71	0	0	--	--
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	65	350	56	65	71	0	0	--	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	65	260	57	65	71	0	0	--	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	65	299	55	65	71	0	0	--	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	65	337	54	65	71	0	0	--	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	65	364	53	65	71	0	0	--	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	65	458	50	65	71	0	0	--	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	65	313	59	65	71	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	65	314	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	65	322	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	65	334	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	65	339	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	65	331	58	65	71	0	0	--	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	65	306	59	65	71	0	0	--	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	65	266	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	65	243	60	65	71	0	0	--	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	65	190	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	65	147	63	65	71	0	0	--	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	65	115	65	65	71	0	0	--	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	65	92	66	65	71	1	0	Noise Barrier at 4 ft	55

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	65	89	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	65	82	67	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	65	69	68	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	65	78	67	65	71	1	0	Noise Barrier at 4 ft	56
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	65	101	66	65	71	1	0	Noise Barrier at 4 ft	55
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	65	138	64	65	71	0	0	--	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	65	188	62	65	71	0	0	--	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	65	449	52	65	71	0	0	--	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	65	228	56	65	71	0	0	--	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	65	264	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	65	276	55	65	71	0	0	--	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	65	285	55	65	71	0	0	--	--

Table E-8 Detailed Noise Assessment Results for the SF 99-East Alternative With Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	65	323	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	65	350	54	65	71	0	0	--	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	65	372	53	65	71	0	0	--	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	63	120	62	63	68	0	0	--	--
S 344th St to S 346th St	2121049078	1480	1598+00	1688 S 348TH ST	HOTEL	1	65	62	66	65	71	1	0	Noise Barrier at 4 ft	53
Porter Way to 10th St	420053048	3238	1767+00	7224 PACIFIC HWY E	HOSPITAL	1	65	96	68	65	71	1	0	Noise Barrier at 4 ft	56

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-9 Detailed Noise Assessment Results for the Preferred Fife Station

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	60	162	58	60	66	0	0	--	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	60	236	56	60	66	0	0	--	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	60	81	67	60	66	0	1	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	60	113	65	60	66	1	0	Noise Barrier at 4 ft	54
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	61	96	72	61	67	0	1	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	60	373	53	60	66	0	0	--	--
62nd Ave E to 58th Ave E	0420063060	3616	1963+00	1322 59TH AV E	SF	1	60	180	64	60	66	1	0	Noise Barrier at 4 ft	56
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	60	282	57	60	66	0	0	--	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	60	279	57	60	66	0	0	--	--

Table E-9 Detailed Noise Assessment Results for the Preferred Fife Station (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	60	272	62	60	66	1	0	Noise Barrier at 4 ft	56
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	60	270	62	60	66	1	0	Noise Barrier at 4 ft	56
Fife Split to 54th Ave E	9315000033	3652	2002+00	5615 15TH ST E	SF	1	60	286	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000020	3648	2000+00	5701 15TH ST E	SF	1	60	263	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	60	270	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000120	3658	2003+00	5405 15TH ST E	HOTEL	1	60	443	59	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000130	3665	2005+00	5518 15TH ST E	SF	1	60	420	59	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000140	3671	2006+00	5510 E 15TH ST	SF	1	60	425	59	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000040	3670	2006+00	5509 15TH ST E	SF	1	60	281	62	60	66	1	0	Noise Barrier at 4 ft	56
Fife Split to 54th Ave E	9315000050	3674	2007+00	5503 15TH ST E	SF	1	60	271	62	60	66	1	0	Noise Barrier at 4 ft	56
Fife Split to 54th Ave E	9315000060	3679	2008+00	5417 15TH ST E	SF	1	60	271	62	60	66	1	0	Noise Barrier at 4 ft	56
Fife Split to 54th Ave E	9315000070	3689	2010+00	1409 54TH AV E	CH	1	61	246	59	61	67	0	0	--	--

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-10 Detailed Noise Assessment Results for the Fife 54th Avenue Station Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	60	162	60	60	66	0	0	--	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	60	236	58	60	66	0	0	--	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	60	81	69	60	66	0	1	Noise Barrier at 4 ft	57
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	60	118	67	60	66	0	1	Noise Barrier at 4 ft	56
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	61	111	66	61	67	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	60	379	55	60	66	0	0	--	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	60	297	61	60	66	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	60	294	61	60	66	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	60	287	61	60	66	1	0	Noise Barrier at 4 ft	55

Table E-10 Detailed Noise Assessment Results for the Fife 54th Avenue Station Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	60	285	61	60	66	1	0	Noise Barrier at 4 ft	55
Fife Split to 54th Ave E	9315000033	3652	1971+00	5615 15TH ST E	SF	1	60	298	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000020	3648	1970+00	5701 15TH ST E	SF	1	60	276	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	60	285	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	60	451	54	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	60	423	55	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	60	427	54	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	60	283	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	60	273	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	60	274	54	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000070	3689	1980+00	1409 54TH AV E	CH	1	61	225	53	61	67	0	0	--	--
54th Ave E to Willow Rd E	0320018016**	3756	1991+00	5115 PACIFIC HWY E	HOTEL	1	61	51	62	61	66	1	0	Noise Barrier at 4 ft	49

*Residential noise levels are in Ldn and institutional noise levels are in Leq.
**Parcel #0320018016 (King's Motor Inn) is an acquisition in the Pacific Highway and Pacific Highway Median Alternative.

Table E-11 Detailed Noise Assessment Results for the Fife 54th Span Station Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	60	162	60	60	66	0	0	--	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	60	236	58	60	66	0	0	--	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	60	81	69	60	66	0	1	Noise Barrier at 4 ft	57
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	60	118	67	60	66	0	1	Noise Barrier at 4 ft	56
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	61	111	66	61	67	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	60	379	55	60	66	0	0	--	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	60	297	61	60	66	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	60	294	61	60	66	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	60	287	61	60	66	1	0	Noise Barrier at 4 ft	55
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	60	285	61	60	66	1	0	Noise Barrier at 4 ft	55
Fife Split to 54th Ave E	9315000033	3652	1971+00	5615 15TH ST E	SF	1	60	298	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000020	3648	1970+00	5701 15TH ST E	SF	1	60	276	57	60	66	0	0	--	--

Table E-11 Detailed Noise Assessment Results for the Fife 54th Span Station Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	60	285	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	60	451	54	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	60	423	55	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	60	427	54	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	60	283	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	60	273	57	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	60	274	54	60	66	0	0	--	--
Fife Split to 54th Ave E	9315000070	3689	1980+00	1409 54TH AV E	CH	1	61	225	53	61	67	0	0	--	--
54th Ave E to Willow Rd E	0320018016	3756	1991+00	5115 PACIFIC HWY E	HOTEL	1	61	51	62	61	66	1	0	Noise Barrier at 4 ft	49

*Residential noise levels are in Ldn and institutional noise levels are in Leq.
**Parcel #0320018016 (King's Motor Inn) is an acquisition in the Pacific Highway and Pacific Highway Median Alternative.

Table E-12 Detailed Noise Assessment Results for the Fife Pacific Highway Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	65	615	57	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	65	520	53	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	65	612	57	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	65	612	57	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	65	626	57	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	65	553	53	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	65	558	53	65	74	0	0	--	--
Alexander Ave E to 34th Avenue E	0320111068	4020	2067+00	3700 PACIFIC HWY E	SCHOOL	1	65	443	57	65	71	0	0	--	--
34th Avenue E to Puyallup River	0320111003	4107	2091+00	3100 PACIFIC HWY E	HOTEL	1	65	140	66	65	74	1	0	Noise Barrier at 4 ft	55
Alexander Ave E to 34th Avenue E	0320024032	4064	2078+00	3401 PACIFIC HWY E	HOTEL	1	64	137	66	64	69	1	0	Noise Barrier at 4 ft	57
Alexander Ave E to 34th Avenue E	0320024019	4042	2075+00	3501 PACIFIC HWY E	MF	96	64	152	65	64	69	96	0	Noise Barrier at 4 ft	57

Table E-12 Detailed Noise Assessment Results for the Fife Pacific Highway Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Alexander Ave E to 34th Avenue E	0320024106	4032	2072+00	3518 PACIFIC HWY E	HOTEL	1	64	44	72	64	69	0	1	Noise Barrier at 4 ft	60
Alexander Ave E to 34th Avenue E	0320013089	4011	2064+00	3801 PACIFIC HWY E	HOTEL	1	64	145	66	64	69	1	0	Noise Barrier at 4 ft	57
Alexander Ave E to 34th Avenue E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	64	117	67	64	69	1	0	Noise Barrier at 4 ft	57
Alexander Ave E to 34th Avenue E	0320122071	4005	2064+00	3812 PACIFIC HWY E	SF	1	64	144	66	64	69	1	0	Noise Barrier at 4 ft	57
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	61	275	57	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	61	278	57	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	61	180	64	61	66	20	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	61	187	64	61	66	24	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	61	167	65	61	66	24	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	61	311	56	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	61	247	58	61	66	0	0	--	--

Table E-12 Detailed Noise Assessment Results for the Fife Pacific Highway Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	61	249	58	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	61	129	66	61	66	1	0	Noise Barrier at 4 ft	57
Willow Rd E to Alexander Ave E	8905000243	3885	2036+00	1428 47TH AV E	SF	1	61	182	60	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000242	3884	2036+00	1420 47TH AV E	SF	1	61	238	58	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000380	3862	2035+00	1417 47TH AV E	SF	1	61	273	57	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000241	3883	2036+00	1412 47TH AV E	SF	1	61	303	55	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	61	303	53	61	66	0	0	--	--
34th Avenue E to Puyallup River	0320112045	4121	2097+00	2820 PACIFIC HWY E	HOTEL	1	65	132	66	65	74	1	0	Noise Barrier at 4 ft	55

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-13 Detailed Noise Assessment Results for the Fife Median Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Levels (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	65	669	56	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	65	574	53	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	65	666	56	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	65	666	56	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	65	680	56	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	65	608	52	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	65	612	52	65	74	0	0	--	--
Alexander Ave E to 34th Avenue E	0320111068	4020	2067+00	3700 PACIFIC HWY E	SCHOOL	1	65	497	56	65	71	0	0	--	--
34th Avenue E to Puyallup River	0320111003	4107	2091+00	3100 PACIFIC HWY E	HOTEL	1	65	140	66	65	74	1	0	Noise Barrier at 4 ft	55

Table E-13 Detailed Noise Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Levels (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Alexander Ave E to 34th Avenue E	0320024032	4064	2078+00	3401 PACIFIC HWY E	HOTEL	1	64	124	66	64	69	1	0	Noise Barrier at 4 ft	57
Alexander Ave E to 34th Avenue E	0320024019	4042	2075+00	3501 PACIFIC HWY E	MF	96	64	110	67	64	69	96	0	Noise Barrier at 4 ft	57
Alexander Ave E to 34th Avenue E	0320024106	4032	2072+00	3518 PACIFIC HWY E	HOTEL	1	64	98	68	64	69	1	0	Noise Barrier at 4 ft	58
Alexander Ave E to 34th Avenue E	0320013089	4011	2064+00	3801 PACIFIC HWY E	HOTEL	1	64	89	68	64	69	1	0	Noise Barrier at 4 ft	58
Alexander Ave E to 34th Avenue E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	64	172	64	64	69	1	0	Noise Barrier at 4 ft	57
Alexander Ave E to 34th Avenue E	0320122071	4005	2064+00	3812 PACIFIC HWY E	SF	1	64	199	64	64	69	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	61	329	56	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	61	333	56	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	61	234	63	61	66	20	0	Noise Barrier at 4 ft	56

Table E-13 Detailed Noise Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Levels (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	61	242	62	61	66	24	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	61	222	63	61	66	24	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	61	366	55	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	61	301	57	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	61	303	57	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	61	74	69	61	66	0	1	Noise Barrier at 4 ft	58
Willow Rd E to Alexander Ave E	8905000243	3885	2036+00	1428 47TH AV E	SF	1	61	127	62	61	66	1	0	Noise Barrier at 4 ft	52
Willow Rd E to Alexander Ave E	8905000242	3884	2036+00	1420 47TH AV E	SF	1	61	183	60	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000380	3862	2035+00	1417 47TH AV E	SF	1	61	218	59	61	66	0	0	--	--

Table E-13 Detailed Noise Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Levels (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	8905000241	3883	2036+00	1412 47TH AV E	SF	1	61	248	56	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	61	248	58	61	66	0	0	--	--
34th Avenue E to Puyallup River	0320112045	4121	2097+00	2820 PACIFIC HWY E	HOTEL	1	65	132	66	65	74	1	0	Noise Barrier at 4 ft	55

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-14 Detailed Noise Assessment Results for the Fife I-5 Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	65	88	68	65	74	24	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	65	178	60	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	65	90	68	65	74	24	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	20	65	91	68	65	74	20	0	Noise Barrier at 4 ft	56
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	65	75	69	65	74	12	0	Noise Barrier at 4 ft	57
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	65	148	61	65	74	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	65	142	61	65	74	0	0	--	--
Alexander Ave E to 34th Avenue E	0320111068	4020	2071+00	3700 PACIFIC HWY E	SCHOOL	1	65	159	63	65	71	0	0	--	--
34th Avenue E to Puyallup River	0320111003	4107	2094+00	3100 PACIFIC HWY E	HOTEL	1	65	199	64	65	74	0	0	--	--
Alexander Ave E to 34th Avenue E	0320024032	4064	2082+00	3401 PACIFIC HWY E	HOTEL	1	64	647	56	64	69	0	0	--	--
Alexander Ave E to 34th Avenue E	0320024019	4042	2078+00	3501 PACIFIC HWY E	MF	96	64	691	56	64	69	0	0	--	--

Table E-14 Detailed Noise Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Alexander Ave E to 34th Avenue E	0320024106	4032	2075+00	3518 PACIFIC HWY E	HOTEL	1	64	507	58	64	69	0	0	--	--
Alexander Ave E to 34th Avenue E	0320013089	4011	2068+00	3801 PACIFIC HWY E	HOTEL	1	64	799	55	64	69	0	0	--	--
Alexander Ave E to 34th Avenue E	0320122058	4012	2068+00	3812 PACIFIC HWY E	SF	1	64	516	58	64	69	0	0	--	--
Alexander Ave E to 34th Avenue E	0320122071	4005	2067+00	3812 PACIFIC HWY E	SF	1	64	498	58	64	69	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	61	425	54	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	61	423	55	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	20	61	522	58	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	24	61	513	58	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	61	535	58	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	61	391	55	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	61	456	54	61	66	0	0	--	--

Table E-14 Detailed Noise Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	61	453	54	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	61	806	55	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000243	3885	2034+00	1428 47TH AV E	SF	1	61	790	51	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000242	3884	2034+00	1420 47TH AV E	SF	1	61	841	50	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000380	3862	2033+00	1417 47TH AV E	SF	1	61	814	50	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000241	3883	2034+00	1412 47TH AV E	SF	1	61	901	48	61	66	0	0	--	--
Willow Rd E to Alexander Ave E	8905000510	3848	2031+00	1416 WILLOW RD E	SF	1	61	733	51	61	66	0	0	--	--
34th Avenue E to Puyallup River	0320112045	4121	2200+00	2820 PACIFIC HWY E	HOTEL	1	65	132	66	65	74	1	0	Noise Barrier at 4 ft	55

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-15 Detailed Noise Assessment Results for the Preferred Tacoma 25th Street-West Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
E Portland Ave to East L St	4715011101	4280	2253+00	1425 E 27TH ST	HOTEL	1	60	78	69	60	66	0	1	Noise Barrier at 4 ft + Crossover Mitigation	58
East L St to East G St	2076360040	4364	2268+00	1112 E 26TH ST	SF	1	60	416	59	60	66	0	0	--	--
East L St to East G St	2076360020	4376	2269+00	1106 E 26TH ST	SF	1	60	409	59	60	66	0	0	--	--
E Portland Ave to East L St	2076370030	4345	2264+00	1211 E 26TH ST	SF	1	60	220	59	60	66	0	0	--	--
E Portland Ave to East L St	4715010600	4342	2264+00	1220 PUYALLUP AV	HOTEL	1	60	83	69	60	66	0	1	Noise Barrier at 4 ft	56
East G St to East D St	2076240011	4471	2292+00	2611 EAST E ST	HOTEL	1	62	415	59	62	67	0	0	--	--
E Portland Ave to East L St	4715010850	4310	2259+00	1320 E 26TH ST	SF	1	60	238	63	60	66	1	0	Sound Insulation	--
East G St to East D St	2075210034	4493	2289+00	3520 214TH PL SE	MF	115	62	49	59	62	67	0	0	--	--

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-16 Detailed Noise Assessment Results for the Tacoma 25th Street-East Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
E Portland Ave to East L St	4715011101	4280	2253+00	1425 E 27TH ST	HOTEL	1	60	81	69	60	66	0	1	Noise Barrier at 4 ft + Crossover Mitigation	57
East L St to East G St	2076360040	4364	2268+00	1112 E 26TH ST	SF	1	60	411	59	60	66	0	0	--	--
East L St to East G St	2076360020	4376	2269+00	1106 E 26TH ST	SF	1	60	405	59	60	66	0	0	--	--
E Portland Ave to East L St	2076370030	4345	2264+00	1211 E 26TH ST	SF	1	60	218	59	60	66	0	0	--	--
E Portland Ave to East L St	4715010600	4342	2263+00	1220 PUYALLUP AV	HOTEL	1	60	85	69	60	66	0	1	Noise Barrier at 4 ft	56
East G St to East D St	2076240011	4471	2289+00	2611 EAST E ST	HOTEL	1	62	458	59	62	67	0	0	--	--
E Portland Ave to East L St	4715010850	4310	2258+00	1320 E 26TH ST	SF	1	60	237	63	60	66	1	0	Sound Insulation	--
East G St to East D St	2075210034	4493	2289+00	3520 214TH PL SE	MF	115	62	392	46	62	67	0	0	--	--

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-17 Detailed Noise Assessment Results for the Tacoma Close to Sounder Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
E Portland Ave to East L St	4715011101	4280	2254+00	1425 E 27TH ST	HOTEL	1	60	83	75	60	66	0	1	Noise Barrier at 4 ft + Crossover Mitigation	59
East L St to East G St	2076360040	4364	2269+00	1112 E 26TH ST	SF	1	60	260	56	60	66	0	0	--	--
East L St to East G St	2076360020	4376	2270+00	1106 E 26TH ST	SF	1	60	248	57	60	66	0	0	--	--
E Portland Ave to East L St	2076370030	4345	2265+00	1211 E 26TH ST	SF	1	60	101	62	60	66	1	0	Sound Insulation	--
E Portland Ave to East L St	4715010600	4342	2265+00	1220 PUYALLUP AV	HOTEL	1	60	193	56	60	66	0	0	--	--
East G St to East D St	2076240011	4471	2293+00	2611 EAST E ST	HOTEL	1	62	331	61	62	67	0	0	--	--
E Portland Ave to East L St	4715010850	4310	2260+00	1320 E 26TH ST	SF	1	60	227	57	60	66	0	0	--	--
East G St to East D Street	2075210034	4493	2293+00	3520 214TH PL SE	MF	115	62	134	53	62	67	0	0	--	--

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

Table E-18 Detailed Noise Assessment Results for the Tacoma 26th Street Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Existing Noise Level* (dBA)	Distance to Building (ft)	Project Noise Level (dBA)	FTA Moderate Impact Criteria (dBA)	FTA Severe Impact Criteria (dBA)	# of Moderate Impacts	# of Severe Impacts	Mitigation Type	Mitigated Project Noise Level (dBA)
E Portland Ave to East L St	4715011101	4280	2254+00	1425 E 27TH ST	HOTEL	1	58	157	58	60	66	0	0	--	--
East L St to East G St	2076360040	4364	2269+00	1112 E 26TH ST	SF	1	60	252	56	60	66	0	0	--	--
East L St to East G St	2076360020	4376	2270+00	1106 E 26TH ST	SF	1	60	240	57	60	66	0	0	--	--
E Portland Ave to East L St	2076370030	4345	2265+00	1211 E 26TH ST	SF	1	60	93	63	60	66	1	0	Sound Insulation	--
E Portland Ave to East L St	4715010600	4342	2265+00	1220 PUYALLUP AV	HOTEL	1	60	201	56	60	66	0	0	--	--
East G St to East D St	2076240011	4471	2293+00	2611 EAST E ST	HOTEL	1	62	41	79	62	67	0	1	Noise Barrier at 4 ft + Crossover Mitigation	59
E Portland Ave to East L St	4715010850	4310	2260+00	1320 E 26TH ST	SF	1	60	223	57	60	66	0	0	--	--
East G St to East D St	2075210034	4493	2293+00	3520 214TH PL SE	MF	115	62	424	46	62	67	0	0	--	--

*Residential noise levels are in Ldn and institutional noise levels are in Leq.

ATTACHMENT F

Detailed Vibration Assessment Results

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Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	1519+00	2101 S 324TH ST	SF	1	80	53	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1519+00	2101 S 324TH ST	SF	1	132	51	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1520+00	2101 S 324TH ST	SF	1	104	52	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1520+00	2101 S 324TH ST	SF	1	112	52	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1521+00	2101 S 324TH ST	SF	1	117	52	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1521+00	2101 S 324TH ST	SF	1	111	52	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1522+00	2101 S 324TH ST	SF	1	120	51	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1522+00	2101 S 324TH ST	SF	1	127	51	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1523+00	2101 S 324TH ST	SF	1	123	51	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1523+00	2101 S 324TH ST	SF	1	112	52	10	72	--
324th St to Burning Tree Blvd	162104UNKN	1100	1512+00	2101 S 324TH ST	SF	1	101	52	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1512+00	2101 S 324TH ST	SF	1	140	51	10	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	1511+00	2101 S 324TH ST	SF	1	174	50	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1511+00	2101 S 324TH ST	SF	1	205	50	10	72	--
324th St to Burning Tree Blvd	162104UNKN	1100	1513+00	2101 S 324TH ST	SF	1	153	51	10	72	--
324th St to Burning Tree Blvd	162104UNKN	1100	1513+00	2101 S 324TH ST	SF	1	188	50	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1512+00	2101 S 324TH ST	SF	1	240	50	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1513+00	2101 S 324TH ST	SF	1	253	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1513+00	2101 S 324TH ST	SF	1	285	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1514+00	2101 S 324TH ST	SF	1	304	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1514+00	2101 S 324TH ST	SF	1	329	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1515+00	2101 S 324TH ST	SF	1	359	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1515+00	2101 S 324TH ST	SF	1	370	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1516+00	2101 S 324TH ST	SF	1	386	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1517+00	2101 S 324TH ST	SF	1	410	48	10	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	1518+00	2101 S 324TH ST	SF	1	418	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1519+00	2101 S 324TH ST	SF	1	425	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1520+00	2101 S 324TH ST	SF	1	439	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1520+00	2101 S 324TH ST	SF	1	437	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1521+00	2101 S 324TH ST	SF	1	430	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1521+00	2101 S 324TH ST	SF	1	426	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1522+00	2101 S 324TH ST	SF	1	390	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1522+00	2101 S 324TH ST	SF	1	385	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1523+00	2101 S 324TH ST	SF	1	358	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1523+00	2101 S 324TH ST	SF	1	322	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1523+00	2101 S 324TH ST	SF	1	271	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1523+00	2101 S 324TH ST	SF	1	209	50	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	209	50	10	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	191	50	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	238	50	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	260	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	282	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1511+00	2101 S 324TH ST	SF	1	304	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1512+00	2101 S 324TH ST	SF	1	367	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1512+00	2101 S 324TH ST	SF	1	387	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1511+00	2101 S 324TH ST	SF	1	325	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1514+00	2101 S 324TH ST	SF	1	461	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1520+00	2101 S 324TH ST	SF	1	532	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1521+00	2101 S 324TH ST	SF	1	529	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1521+00	2101 S 324TH ST	SF	1	525	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1522+00	2101 S 324TH ST	SF	1	514	47	10	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	1508+00	2101 S 324TH ST	SF	1	310	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1508+00	2101 S 324TH ST	SF	1	340	49	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	346	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	371	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1511+00	2101 S 324TH ST	SF	1	422	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	431	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1512+00	2101 S 324TH ST	SF	1	509	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1511+00	2101 S 324TH ST	SF	1	550	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1513+00	2101 S 324TH ST	SF	1	480	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	393	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	463	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	441	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	485	47	10	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	1510+00	2101 S 324TH ST	SF	1	579	47	10	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1524+00	2101 S 324TH ST	SF	1	111	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1525+00	2101 S 324TH ST	SF	1	119	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1525+00	2101 S 324TH ST	SF	1	124	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1526+00	2101 S 324TH ST	SF	1	130	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1526+00	2101 S 324TH ST	SF	1	127	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1527+00	2101 S 324TH ST	SF	1	130	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1528+00	2101 S 324TH ST	SF	1	139	55	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1527+00	2101 S 324TH ST	SF	1	136	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1529+00	2101 S 324TH ST	SF	1	138	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1530+00	2101 S 324TH ST	SF	1	137	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1531+00	2101 S 324TH ST	SF	1	129	56	13	72	--
Burning Tree Blvd to 330th St	1621049037	1110	1532+00	2101 S 324TH ST	SF	1	124	56	13	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Burning Tree Blvd to 330th St	1621049037	1110	1532+00	2101 S 324TH ST	SF	1	123	56	13	72	--
330th St to 333rd St	1621049037	1110	1535+00	2101 S 324TH ST	SF	1	126	56	13	72	--
324th St to Burning Tree Blvd	1621049037	1110	1507+00	2101 S 324TH ST	SF	1	412	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1507+00	2101 S 324TH ST	SF	1	398	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1507+00	2101 S 324TH ST	SF	1	454	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1508+00	2101 S 324TH ST	SF	1	442	48	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1508+00	2101 S 324TH ST	SF	1	504	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1508+00	2101 S 324TH ST	SF	1	484	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1507+00	2101 S 324TH ST	SF	1	509	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1509+00	2101 S 324TH ST	SF	1	511	47	10	72	--
324th St to Burning Tree Blvd	1621049037	1110	1508+00	2101 S 324TH ST	SF	1	530	47	10	72	--
330th St to 333rd St	7978800682	1174	1534+00	33003 24TH AVE S	SF	1	293	54	13	72	--
330th St to 333rd St	7978800679	1215	1538+00	33035 24TH AVE S	SF	1	198	55	13	72	--
330th St to 333rd St	7978800681	1225	1540+00	33049 24TH AVE S	SF	1	177	55	13	72	--

Table F-1 Detailed Vibration Assessment Results for the Preferred Federal Way Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
330th St to 333rd St	7978200164	1232	1540+00	33111 24TH AVE S	SF	1	157	55	13	72	--
330th St to 333rd St	7978200165	1242	1541+00	33211 24TH AVE S	SF	1	139	56	13	72	--
330th St to 333rd St	7978200167	1250	1542+00	33217 24TH AVE S	SF	1	142	55	13	72	--
330th St to 333rd St	7978200160	1271	1543+00	2244 S 333RD ST	SF	1	81	57	13	72	--
330th St to 333rd St	7978200166	1269	1544+00	2238 S 333RD ST	SF	1	195	55	13	72	--
333rd St to 336th St	7978200184	1277	1545+00	2237 S 333RD ST	MF	4	151	55	13	72	--
333rd St to 336th St	7978200182	1281	1546+00	2221 S 333RD ST	MF	4	290	54	13	72	--
333rd St to 336th St	7978200182	1281	1548+00	2221 S 333RD ST	MF	6	252	55	13	72	--
333rd St to 336th St	7978200182	1281	1549+00	2221 S 333RD ST	MF	5	248	55	13	72	--
333rd St to 336th St	2897600000	1311	1549+00	2210 S 336TH ST	MF	5	248	55	13	72	--
333rd St to 336th St	2897600000	1311	1551+00	2210 S 336TH ST	MF	5	197	56	13	72	--
333rd St to 336th St	2897600000	1311	1551+00	2210 S 336TH ST	MF	5	280	55	13	72	--
333rd St to 336th St	2897600000	1311	1553+00	2210 S 336TH ST	MF	5	367	54	13	72	--
333rd St to 336th St	2897600000	1311	1551+00	2210 S 336TH ST	MF	5	393	54	13	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	3889.21997070312+00	2101 S 324TH ST	SF	1	304	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3783.97998046875+00	2101 S 324TH ST	SF	1	301	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3510.76000976562+00	2101 S 324TH ST	SF	1	195	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3475.09008789062+00	2101 S 324TH ST	SF	1	166	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3423.1298828125+00	2101 S 324TH ST	SF	1	146	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3380.59008789062+00	2101 S 324TH ST	SF	1	123	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3328.30004882812+00	2101 S 324TH ST	SF	1	93	57	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	2954.78002929687+00	2101 S 324TH ST	SF	1	57	58	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	2892.43994140625+00	2101 S 324TH ST	SF	1	62	58	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3780.59008789062+00	2101 S 324TH ST	SF	1	253	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3778.75+00	2101 S 324TH ST	SF	1	209	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3856.11010742187+00	2101 S 324TH ST	SF	1	260	54	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	3836.35009765625+00	2101 S 324TH ST	SF	1	199	55	55	72	--
324th St to Burning Tree Blvd	162104UNKN	1100	3836.88989257812+00	2101 S 324TH ST	SF	1	162	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3835.419921875+00	2101 S 324TH ST	SF	1	120	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3830.93994140625+00	2101 S 324TH ST	SF	1	81	57	55	72	--
324th St to Burning Tree Blvd	162104UNKN	1100	3745.8798828125+00	2101 S 324TH ST	SF	1	111	57	55	72	--
324th St to Burning Tree Blvd	162104UNKN	1100	3739.25+00	2101 S 324TH ST	SF	1	76	58	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3511.86010742187+00	2101 S 324TH ST	SF	1	98	57	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3474.919921875+00	2101 S 324TH ST	SF	1	115	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3433.080078125+00	2101 S 324TH ST	SF	1	141	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3384.01000976562+00	2101 S 324TH ST	SF	1	176	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3331.75+00	2101 S 324TH ST	SF	1	199	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3277.13989257812+00	2101 S 324TH ST	SF	1	223	55	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	3228.1298828125+00	2101 S 324TH ST	SF	1	254	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3184.34008789062+00	2101 S 324TH ST	SF	1	272	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3143.07006835937+00	2101 S 324TH ST	SF	1	284	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3103.7900390625+00	2101 S 324TH ST	SF	1	298	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3058.39990234375+00	2101 S 324TH ST	SF	1	281	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3023.6201171875+00	2101 S 324TH ST	SF	1	289	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	2982.01000976562+00	2101 S 324TH ST	SF	1	277	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	2946.02001953125+00	2101 S 324TH ST	SF	1	254	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	2918.93994140625+00	2101 S 324TH ST	SF	1	211	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	2905.28002929687+00	2101 S 324TH ST	SF	1	154	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3874.85009765625+00	2101 S 324TH ST	SF	1	72	57	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3655.40991210937+00	2101 S 324TH ST	SF	1	87	57	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	3672.419921875+00	2101 S 324TH ST	SF	1	112	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3758.8701171875+00	2101 S 324TH ST	SF	1	69	57	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3525.080078125+00	2101 S 324TH ST	SF	1	187	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3197.82006835937+00	2101 S 324TH ST	SF	1	356	53	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3154.14990234375+00	2101 S 324TH ST	SF	1	375	53	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3114.92993164062+00	2101 S 324TH ST	SF	1	388	53	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3065.07006835937+00	2101 S 324TH ST	SF	1	400	53	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3873.71997070312+00	2101 S 324TH ST	SF	1	112	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3866.69995117187+00	2101 S 324TH ST	SF	1	151	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3755.23999023437+00	2101 S 324TH ST	SF	1	96	57	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3764.14990234375+00	2101 S 324TH ST	SF	1	134	56	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3672.1201171875+00	2101 S 324TH ST	SF	1	155	55	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	3692.32006835937+00	2101 S 324TH ST	SF	1	180	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3573.47998046875+00	2101 S 324TH ST	SF	1	231	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3576.30004882812+00	2101 S 324TH ST	SF	1	280	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3560.03002929687+00	2101 S 324TH ST	SF	1	201	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3765.35009765625+00	2101 S 324TH ST	SF	1	166	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3682.73999023437+00	2101 S 324TH ST	SF	1	217	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3734.39990234375+00	2101 S 324TH ST	SF	1	215	55	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3688.72998046875+00	2101 S 324TH ST	SF	1	250	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3575.830078125+00	2101 S 324TH ST	SF	1	320	54	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2788.21997070312+00	2101 S 324TH ST	SF	1	85	55	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2746.72998046875+00	2101 S 324TH ST	SF	1	102	55	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2697.09008789062+00	2101 S 324TH ST	SF	1	115	55	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Burning Tree Blvd to 330th St	1621049037	1110	2658.15991210937+00	2101 S 324TH ST	SF	1	127	55	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2601.080078125+00	2101 S 324TH ST	SF	1	130	54	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2556.1201171875+00	2101 S 324TH ST	SF	1	138	54	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2410.26000976562+00	2101 S 324TH ST	SF	1	152	52	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2512.9599609375+00	2101 S 324TH ST	SF	1	147	52	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2332.86010742187+00	2101 S 324TH ST	SF	1	150	52	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2170.97998046875+00	2101 S 324TH ST	SF	1	149	52	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2076.77001953125+00	2101 S 324TH ST	SF	1	141	52	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2033.2099609375+00	2101 S 324TH ST	SF	1	135	53	55	72	--
Burning Tree Blvd to 330th St	1621049037	1110	2000.05004882812+00	2101 S 324TH ST	SF	1	134	53	55	72	--
330th St to 333rd St	1621049037	1110	1764.51000976562+00	2101 S 324TH ST	SF	1	136	53	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3854.78002929687+00	2101 S 324TH ST	SF	1	244	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3885.5400390625+00	2101 S 324TH ST	SF	1	242	54	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
324th St to Burning Tree Blvd	1621049037	1110	3879.6298828125+00	2101 S 324TH ST	SF	1	315	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3773.78002929687+00	2101 S 324TH ST	SF	1	240	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3722.02001953125+00	2101 S 324TH ST	SF	1	295	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3774.7900390625+00	2101 S 324TH ST	SF	1	298	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3773.75+00	2101 S 324TH ST	SF	1	332	53	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3686.96997070312+00	2101 S 324TH ST	SF	1	285	54	55	72	--
324th St to Burning Tree Blvd	1621049037	1110	3693.90991210937+00	2101 S 324TH ST	SF	1	316	54	55	72	--
330th St to 333rd St	7978800682	1174	1794.76000976562+00	33003 24TH AVE S	SF	1	303	51	55	72	--
330th St to 333rd St	7978800679	1215	1412.09997558593+00	33035 24TH AVE S	SF	1	205	52	55	72	--
330th St to 333rd St	7978800681	1225	1275.07995605468+00	33049 24TH AVE S	SF	1	181	52	55	72	--
330th St to 333rd St	7978200164	1232	1207.98999023437+00	33111 24TH AVE S	SF	1	159	52	55	72	--
330th St to 333rd St	7978200165	1242	1120.9599609375+00	33211 24TH AVE S	SF	1	139	52	55	72	--

Table F-2 Detailed Vibration Assessment Results for the Federal Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
330th St to 333rd St	7978200167	1250	1069.06005859375+00	33217 24TH AVE S	SF	1	142	52	55	72	--
330th St to 333rd St	7978200160	1271	895.932983398437+00	2244 S 333RD ST	SF	1	81	54	55	72	--
330th St to 333rd St	7978200166	1269	887.590026855468+00	2238 S 333RD ST	SF	1	195	52	55	72	--
333rd St to 336th St	7978200184	1277	689.815979003906+00	2237 S 333RD ST	MF	4	151	52	55	72	--
333rd St to 336th St	7978200182	1281	716.846984863281+00	2221 S 333RD ST	MF	4	290	51	55	72	--
333rd St to 336th St	7978200182	1281	507.988006591796+00	2221 S 333RD ST	MF	6	252	52	55	72	--
333rd St to 336th St	7978200182	1281	455.350006103515+00	2221 S 333RD ST	MF	5	248	52	55	72	--
333rd St to 336th St	2897600000	1311	407.96499633789+00	2210 S 336TH ST	MF	5	248	52	55	72	--
333rd St to 336th St	2897600000	1311	267.829986572265+00	2210 S 336TH ST	MF	5	197	53	55	72	--
333rd St to 336th St	2897600000	1311	324.582000732421+00	2210 S 336TH ST	MF	5	280	52	55	72	--
333rd St to 336th St	2897600000	1311	407.769989013671+00	2210 S 336TH ST	MF	5	367	51	55	72	--
333rd St to 336th St	2897600000	1311	432.509002685546+00	2210 S 336TH ST	MF	5	393	51	55	72	--

Table F-3 Detailed Vibration Assessment Results for the SF Enchanted Parkway Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 356th St to S 359th St	2821049070	1622	1631+00	35810 16TH AVE S	MF	8	48	71	50	72	--
S 356th St to S 359th St	2821049070	1622	1633+00	35810 16TH AVE S	MF	32	94	61	40	72	--
S 356th St to S 359th St	2821049070	1622	1634+00	35810 16TH AVE S	MF	32	91	56	40	72	--
S 356th St to S 359th St	2821049070	1622	1635+00	35810 16TH AVE S	MF	32	103	55	10	72	--
S 356th St to S 359th St	2821049070	1622	1636+00	35810 16TH AVE S	MF	24	134	55	10	72	--
S 356th St to S 359th St	2821049070	1622	1637+00	35810 16TH AVE S	MF	36	194	54	10	72	--
S 356th St to S 359th St	2821049070	1622	1638+00	35810 16TH AVE S	MF	36	52	65	50	72	--
S 359th St to S 364th Way	2821049134	1647	1640+00	1625 S 359TH ST	SF	1	84	58	40	72	--
S 359th St to S 364th Way	2821049140	1646	1639+00	1615 S 359TH ST	SF	1	173	54	10	72	--
S 359th St to S 364th Way	2821049110	1645	1639+00	35906 16TH AVE S	SF	1	320	53	10	72	--
S 359th St to S 364th Way	2821049140	1646	1640+00	1615 S 359TH ST	SF	1	193	54	10	72	--
S 359th St to S 364th Way	2821049115	1662	1641+00	35926 16TH AVE S	SF	1	242	54	10	72	--
S 359th St to S 364th Way	2821049190	1668	1644+00	36010 16TH AVE S	SF	1	178	54	10	72	--
11th Pl S to S 372nd Way	3221049077	1723	1824+00	36920 12TH AVE S	SF	1	238	52	10	72	--
11th Pl S to S 372nd Way	3221049080	1731	1826+00	37006 12TH AVE S	SF	1	146	53	10	72	--
11th Pl S to S 372nd Way	3221049007	1746	1832+00	37107 12TH AVE S	SF	1	288	48	31.5	72	--

Table F-3 Detailed Vibration Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
11th Pl S to S 372nd Way	3221049128	1750	1832+00	37125 12TH AVE S	SF	1	132	56	31.5	72	--
11th Pl S to S 372nd Way	3221049133	1757	1832+00	1020 S 372ND WAY	SF	1	204	51	31.5	72	--
S 372nd Way to S 376th St	3221049121	1776	1835+00	1021 S 372ND WAY	SF	1	150	54	31.5	72	--
S 372nd Way to S 376th St	3221049121	1776	1837+00	1021 S 372ND WAY	SF	1	283	48	31.5	72	--
S 372nd Way to S 376th St	3221049081	1790	1839+00	831 S 373RD PL	SF	1	203	52	10	72	--
S 372nd Way to S 376th St	3221049122	1801	1840+00	819 S 373RD PL	SF	1	121	53	10	72	--
King CoLine to Comet St	3063	Federal Way I-5	1886+00	1917.632	SF	1	323	42	10	72	--
Comet St to Porter Way	3117	Federal Way I-5	1892+00	1423.671	SF	1	285	43	10	72	--
Comet St to Porter Way	3130	Federal Way I-5	1894+00	1156.515	SF	1	282	43	10	72	--
Comet St to Porter Way	3130	Federal Way I-5	1895+00	1130.463	SF	1	315	42	10	72	--
Comet St to Porter Way	3143	Federal Way I-5	1896+00	1027.89	SF	1	339	42	10	72	--
10th St E to 68th Ave E	3249	Federal Way I-5	1916+00	1043.014	SF	1	214	45	10	72	--
10th St E to 68th Ave E	3250	Federal Way I-5	1917+00	1126.238	SF	1	178	46	10	72	--
10th St E to 68th Ave E	3251	Federal Way I-5	1917+00	1181.949	SF	1	172	46	10	72	--
10th St E to 68th Ave E	3258	Federal Way I-5	1918+00	1266.492	SF	1	176	46	10	72	--

Table F-3 Detailed Vibration Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Porter Way to 10th St E	3252	Federal Way I-5	1915+00	930.7352	SF	1	249	44	10	72	--
10th St E to 68th Ave E	3261	Federal Way I-5	1920+00	1418.201	SF	1	166	52	10	72	--
10th St E to 68th Ave E	3262	Federal Way I-5	1921+00	1492.277	SF	1	165	52	10	72	--
10th St E to 68th Ave E	3266	Federal Way I-5	1922+00	1592.483	SF	1	234	50	10	72	--
10th St E to 68th Ave E	3269	Federal Way I-5	1923+00	1686.454	SF	1	190	51	10	72	--
Porter Way to 10th St E	3253	Federal Way I-5	1914+00	909.2375	SF	1	378	41	10	72	--
Porter Way to 10th St E	3265	Federal Way I-5	1915+00	1013.631	SF	1	401	40	10	72	--
10th St E to 68th Ave E	3267	Federal Way I-5	1918+00	1255.634	SF	1	349	41	10	72	--
10th St E to 68th Ave E	3258	Federal Way I-5	1918+00	1280.827	SF	1	259	43	10	72	--
10th St E to 68th Ave E	3260	Federal Way I-5	1919+00	1401.877	SF	1	299	48	10	72	--
10th St E to 68th Ave E	3274	Federal Way I-5	1923+00	1700.409	SF	1	337	47	10	72	--
10th St E to 68th Ave E	3273	Federal Way I-5	1922+00	1639.548	SF	1	364	47	10	72	--
10th St E to 68th Ave E	3305	Federal Way I-5	1924+00	1732.717	SF	1	458	45	10	72	--
10th St E to 68th Ave E	3281	Federal Way I-5	1925+00	1844.089	SF	1	313	48	10	72	--
10th St E to 68th Ave E	3285	Federal Way I-5	1925+00	1876.523	SF	1	314	48	10	72	--
10th St E to 68th Ave E	3292	Federal Way I-5	1927+00	1963.509	SF	1	322	47	10	72	--

Table F-3 Detailed Vibration Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	3298	Federal Way I-5	1927+00	1992.259	SF	1	334	47	10	72	--
10th St E to 68th Ave E	3310	Federal Way I-5	1928+00	2050.001	SF	1	339	47	10	72	--
10th St E to 68th Ave E	3314	Federal Way I-5	1928+00	2089.913	SF	1	331	47	10	72	--
10th St E to 68th Ave E	3318	Federal Way I-5	1929+00	2141.931	SF	1	306	48	10	72	--
10th St E to 68th Ave E	3316	Federal Way I-5	1929+00	2179.267	SF	1	266	49	10	72	--
10th St E to 68th Ave E	3319	Federal Way I-5	1930+00	2214.368	SF	1	243	49	10	72	--
10th St E to 68th Ave E	3315	Federal Way I-5	1930+00	2247.019	SF	1	190	51	10	72	--
10th St E to 68th Ave E	3311	Federal Way I-5	1930+00	2278.865	SF	1	147	53	10	72	--
10th St E to 68th Ave E	3312	Federal Way I-5	1930+00	2322.164	SF	1	115	55	10	72	--
10th St E to 68th Ave E	3320	Federal Way I-5	1931+00	2376.629	SF	1	92	56	10	72	--
10th St E to 68th Ave E	3326	Federal Way I-5	1931+00	2410.091	SF	1	89	56	10	72	--
10th St E to 68th Ave E	3330	Federal Way I-5	1932+00	2446.967	SF	1	82	57	10	72	--
10th St E to 68th Ave E	3334	Federal Way I-5	1932+00	2489.211	SF	1	69	60	40	72	--
10th St E to 68th Ave E	3344	Federal Way I-5	1933+00	2527.248	SF	1	78	57	40	72	--
10th St E to 68th Ave E	3354	Federal Way I-5	1933+00	2541.927	SF	1	101	55	10	72	--
10th St E to 68th Ave E	3362	Federal Way I-5	1934+00	2553.663	SF	1	138	53	10	72	--

Table F-3 Detailed Vibration Assessment Results for the SF Enchanted Parkway Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	3364	Federal Way I-5	1934+00	2509.73	SF	1	188	51	10	72	--
10th St E to 68th Ave E	3302	Federal Way I-5	1926+00	1896.925	SF	1	449	45	10	72	--
10th St E to 68th Ave E	3365	Federal Way I-5	1933+00	2478.871	SF	1	228	50	10	72	--
10th St E to 68th Ave E	3363	Federal Way I-5	1933+00	2434.678	SF	1	264	49	10	72	--
10th St E to 68th Ave E	3361	Federal Way I-5	1932+00	2383.229	SF	1	276	48	10	72	--
10th St E to 68th Ave E	3353	Federal Way I-5	1932+00	2358.549	SF	1	285	48	10	72	--
10th St E to 68th Ave E	3347	Federal Way I-5	1932+00	2305.026	SF	1	323	47	10	72	--
10th St E to 68th Ave E	3342	Federal Way I-5	1931+00	2265.785	SF	1	350	47	10	72	--
10th St E to 68th Ave E	3341	Federal Way I-5	1931+00	2226.815	SF	1	372	46	10	72	--

Table F-4 Detailed Vibration Assessment Results for the SF I-5 Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 356th St to S 359th St	2821049070	1622	1623+00	35810 16TH AVE S	MF	8	714	50	10	72	--
S 356th St to S 359th St	2821049070	1622	1623+00	35810 16TH AVE S	MF	8	688	50	10	72	--
S 356th St to S 359th St	2821049070	1622	1625+00	35810 16TH AVE S	MF	32	581	51	10	72	--
S 356th St to S 359th St	2821049070	1622	1626+00	35810 16TH AVE S	MF	32	513	51	10	72	--
S 356th St to S 359th St	2821049070	1622	1627+00	35810 16TH AVE S	MF	32	489	51	10	72	--
S 356th St to S 359th St	2821049070	1622	1628+00	35810 16TH AVE S	MF	24	313	53	10	72	--
S 356th St to S 359th St	2821049070	1622	1628+00	35810 16TH AVE S	MF	24	456	52	10	72	--
S 356th St to S 359th St	2821049070	1622	1629+00	35810 16TH AVE S	MF	24	240	53	10	72	--
S 356th St to S 359th St	2821049070	1622	1629+00	35810 16TH AVE S	MF	36	450	52	10	72	--
S 356th St to S 359th St	2821049070	1622	1629+00	35810 16TH AVE S	MF	36	298	53	10	72	--
S 359th St to S 364th Way	2821049070	1622	1630+00	35810 16TH AVE S	MF	12	140	59	10	72	--
S 359th St to S 364th Way	2821049134	1647	1631+00	1625 S 359TH ST	SF	1	252	53	10	72	--
S 359th St to S 364th Way	2821049135	1651	1631+00	1635 S 359TH ST	SF	1	160	53	10	72	--
S 359th St to S 364th Way	2821049140	1646	1631+00	1615 S 359TH ST	SF	1	361	52	10	72	--
S 359th St to S 364th Way	2821049110	1645	1631+00	35906 16TH AVE S	SF	1	506	52	10	72	--

Table F-4 Detailed Vibration Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 359th St to S 364th Way	2821049140	1646	1632+00	1615 S 359TH ST	SF	1	343	52	10	72	--
S 359th St to S 364th Way	2821049115	1662	1633+00	35926 16TH AVE S	SF	1	348	52	10	72	--
S 359th St to S 364th Way	2821049190	1668	1635+00	36010 16TH AVE S	SF	1	227	53	10	72	--
11th Pl S to S 372nd Way	3221049077	1723	1670+00	36920 12TH AVE S	SF	1	238	52	10	72	--
11th Pl S to S 372nd Way	3221049080	1731	1672+00	37006 12TH AVE S	SF	1	146	53	10	72	--
11th Pl S to S 372nd Way	3221049007	1746	1678+00	37107 12TH AVE S	SF	1	288	48	31.5	72	--
11th Pl S to S 372nd Way	3221049128	1750	1678+00	37125 12TH AVE S	SF	1	132	56	31.5	72	--
11th Pl S to S 372nd Way	3221049133	1757	1678+00	1020 S 372ND WAY	SF	1	204	51	31.5	72	--
S 372nd Way to S 376th St	3221049121	1776	1835+00	1021 S 372ND WAY	SF	1	150	54	31.5	72	--
S 372nd Way to S 376th St	3221049121	1776	1837+00	1021 S 372ND WAY	SF	1	283	48	31.5	72	--
S 372nd Way to S 376th St	3221049081	1790	1839+00	831 S 373RD PL	SF	1	203	52	10	72	--
S 372nd Way to S 376th St	3221049122	1801	1840+00	819 S 373RD PL	SF	1	121	53	10	72	--
S 359th St to S 364th Way	2821049109	1675	1641+00	36200 16TH AVE S	SF	1	142	55	31.5	72	--
S 344th St to S 346th St	2121049078	1480	1593+00	1688 S 348TH ST	HOTEL	1	843	56	10	72	--
King CoLine to Comet St	3063	Federal Way I-5	1886+00	1917.632	SF	1	323	42	10	72	--
Comet St to Porter Way	3117	Federal Way I-5	1892+00	1423.671	SF	1	285	43	10	72	--

Table F-4 Detailed Vibration Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Comet St to Porter Way	3130	Federal Way I-5	1894+00	1156.515	SF	1	282	43	10	72	--
Comet St to Porter Way	3130	Federal Way I-5	1895+00	1130.463	SF	1	315	42	10	72	--
Comet St to Porter Way	3143	Federal Way I-5	1896+00	1027.89	SF	1	339	42	10	72	--
10th St E to 68th Ave E	3249	Federal Way I-5	1916+00	1043.014	SF	1	214	45	10	72	--
10th St E to 68th Ave E	3250	Federal Way I-5	1917+00	1126.238	SF	1	178	46	10	72	--
10th St E to 68th Ave E	3251	Federal Way I-5	1917+00	1181.949	SF	1	172	46	10	72	--
10th St E to 68th Ave E	3258	Federal Way I-5	1918+00	1266.492	SF	1	176	46	10	72	--
Porter Way to 10th St E	3252	Federal Way I-5	1915+00	930.7352	SF	1	249	44	10	72	--
10th St E to 68th Ave E	3261	Federal Way I-5	1920+00	1418.201	SF	1	166	52	10	72	--
10th St E to 68th Ave E	3262	Federal Way I-5	1921+00	1492.277	SF	1	165	52	10	72	--
10th St E to 68th Ave E	3266	Federal Way I-5	1922+00	1592.483	SF	1	234	50	10	72	--
10th St E to 68th Ave E	3269	Federal Way I-5	1923+00	1686.454	SF	1	190	51	10	72	--
Porter Way to 10th St E	3253	Federal Way I-5	1914+00	909.2375	SF	1	378	41	10	72	--
Porter Way to 10th St E	3265	Federal Way I-5	1915+00	1013.631	SF	1	401	40	10	72	--
10th St E to 68th Ave E	3267	Federal Way I-5	1918+00	1255.634	SF	1	349	41	10	72	--
10th St E to 68th Ave E	3258	Federal Way I-5	1918+00	1280.827	SF	1	259	43	10	72	--

Table F-4 Detailed Vibration Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	3260	Federal Way I-5	1919+00	1401.877	SF	1	299	48	10	72	--
10th St E to 68th Ave E	3274	Federal Way I-5	1923+00	1700.409	SF	1	337	47	10	72	--
10th St E to 68th Ave E	3273	Federal Way I-5	1922+00	1639.548	SF	1	364	47	10	72	--
10th St E to 68th Ave E	3305	Federal Way I-5	1924+00	1732.717	SF	1	458	45	10	72	--
10th St E to 68th Ave E	3281	Federal Way I-5	1925+00	1844.089	SF	1	313	48	10	72	--
10th St E to 68th Ave E	3285	Federal Way I-5	1925+00	1876.523	SF	1	314	48	10	72	--
10th St E to 68th Ave E	3292	Federal Way I-5	1927+00	1963.509	SF	1	322	47	10	72	--
10th St E to 68th Ave E	3298	Federal Way I-5	1927+00	1992.259	SF	1	334	47	10	72	--
10th St E to 68th Ave E	3310	Federal Way I-5	1928+00	2050.001	SF	1	339	47	10	72	--
10th St E to 68th Ave E	3314	Federal Way I-5	1928+00	2089.913	SF	1	331	47	10	72	--
10th St E to 68th Ave E	3318	Federal Way I-5	1929+00	2141.931	SF	1	306	48	10	72	--
10th St E to 68th Ave E	3316	Federal Way I-5	1929+00	2179.267	SF	1	266	49	10	72	--
10th St E to 68th Ave E	3319	Federal Way I-5	1930+00	2214.368	SF	1	243	49	10	72	--
10th St E to 68th Ave E	3315	Federal Way I-5	1930+00	2247.019	SF	1	190	51	10	72	--
10th St E to 68th Ave E	3311	Federal Way I-5	1930+00	2278.865	SF	1	147	53	10	72	--
10th St E to 68th Ave E	3312	Federal Way I-5	1930+00	2322.164	SF	1	115	55	10	72	--

Table F-4 Detailed Vibration Assessment Results for the SF I-5 Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	3320	Federal Way I-5	1931+00	2376.629	SF	1	92	56	10	72	--
10th St E to 68th Ave E	3326	Federal Way I-5	1931+00	2410.091	SF	1	89	56	10	72	--
10th St E to 68th Ave E	3330	Federal Way I-5	1932+00	2446.967	SF	1	82	57	10	72	--
10th St E to 68th Ave E	3334	Federal Way I-5	1932+00	2489.211	SF	1	69	60	40	72	--
10th St E to 68th Ave E	3344	Federal Way I-5	1933+00	2527.248	SF	1	78	57	40	72	--
10th St E to 68th Ave E	3354	Federal Way I-5	1933+00	2541.927	SF	1	101	55	10	72	--
10th St E to 68th Ave E	3362	Federal Way I-5	1934+00	2553.663	SF	1	138	53	10	72	--
10th St E to 68th Ave E	3364	Federal Way I-5	1934+00	2509.73	SF	1	188	51	10	72	--
10th St E to 68th Ave E	3302	Federal Way I-5	1926+00	1896.925	SF	1	449	45	10	72	--
10th St E to 68th Ave E	3365	Federal Way I-5	1933+00	2478.871	SF	1	228	50	10	72	--
10th St E to 68th Ave E	3363	Federal Way I-5	1933+00	2434.678	SF	1	264	49	10	72	--
10th St E to 68th Ave E	3361	Federal Way I-5	1932+00	2383.229	SF	1	276	48	10	72	--
10th St E to 68th Ave E	3353	Federal Way I-5	1932+00	2358.549	SF	1	285	48	10	72	--
10th St E to 68th Ave E	3347	Federal Way I-5	1932+00	2305.026	SF	1	323	47	10	72	--
10th St E to 68th Ave E	3342	Federal Way I-5	1931+00	2265.785	SF	1	350	47	10	72	--
10th St E to 68th Ave E	3341	Federal Way I-5	1931+00	2226.815	SF	1	372	46	10	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	124	53	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	196	49	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	107	55	12.5	75	--
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	181	50	12.5	72	--
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	459	42	12.5	72	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	395	43	12.5	72	--
S 364th St to S 373rd St	3221049016	1706	1683+00	36815 PACIFIC HWY S	CH	1	117	54	12.5	75	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	184	50	12.5	72	--
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	127	55	12.5	72	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	289	48	12.5	72	--
S 373rd St to Johnson Rd	2188203420	1782	1703+00	37226 1ST AVE SW	SF	1	312	47	12.5	72	--
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	246	49	12.5	72	--
S 373rd St to Johnson Rd	3221049025	1843	1711+00	37600 PACIFIC HWY S	CEM	1	135	53	12.5	75	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	64	64	50	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	88	58	50	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	66	64	50	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	149	52	12.5	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	176	51	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	106	55	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	127	54	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	148	52	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	207	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	227	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	249	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	273	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	254	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	223	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	170	51	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	190	50	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	215	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	274	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	300	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	323	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	295	46	12.5	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	235	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	266	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	330	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	345	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	288	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	307	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	336	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	105	55	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	124	54	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	150	52	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	173	51	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	178	51	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	146	53	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	212	49	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	248	48	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	267	47	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	216	49	12.5	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	299	46	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	321	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	339	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	334	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	299	46	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	364	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	365	44	12.5	72	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	129	54	12.5	72	--
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	222	49	12.5	72	--
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	277	47	12.5	72	--
Johnson Rd to Porter Way	420061029	3035	1738+00	7909 PACIFIC HWY E	HOTEL	1	58	67	50	72	--
Johnson Rd to Porter Way	420052026	3058	1745+00	7802 PACIFIC HWY E	SF	1	197	45	10	72	--
Johnson Rd to Porter Way	420061054	3094	1747+00	222 TO 224 70TH AV E	MF	2	126	48	10	72	--
Johnson Rd to Porter Way	420061105	3093	1747+00	210 TO 212 70TH AV E	SF	1	291	43	10	72	--
Johnson Rd to Porter Way	420061075	3107	1748+00	304 70TH AV E	SF	1	175	48	10	72	--
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	12	497	41	10	72	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	645	39	10	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	439	42	10	72	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	6	536	40	10	72	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	12	589	40	10	72	--
Johnson Rd to Porter Way	6024260180	3152	1754+00	6919 5TH ST CT E	SF	1	614	39	10	72	--
Johnson Rd to Porter Way	6024260020	3167	1756+00	6918 5TH ST CT E	SF	1	626	39	10	72	--
Johnson Rd to Porter Way	6024260010	3169	1757+00	6922 5TH ST CT E	SF	1	594	40	10	72	--
Johnson Rd to Porter Way	6024260170	3150	1754+00	6911 5TH ST CT E	SF	1	655	39	10	72	--
Johnson Rd to Porter Way	6024260030	3166	1756+00	6914 5TH ST CT E	SF	1	670	39	10	72	--
Johnson Rd to Porter Way	6024260160	3149	1754+00	6907 5TH ST CT E	SF	1	698	38	10	72	--
Johnson Rd to Porter Way	6024260040	3165	1756+00	6910 5TH ST CT E	SF	1	718	38	10	72	--
Johnson Rd to Porter Way	6024260050	3164	1755+00	6906 5TH ST CT E	SF	1	759	38	10	72	--
Johnson Rd to Porter Way	420052015	3142	1755+00	509 70TH AV	SF	1	415	42	10	72	--
Johnson Rd to Porter Way	420052011	3183	1760+00	615 70TH AV E	SF	1	505	41	10	72	--
Johnson Rd to Porter Way	420052019	3174	1758+00	607 70TH AV E	SF	1	490	41	10	72	--
Johnson Rd to Porter Way	420061185	3176	1757+00	606 70TH AV E	SF	1	645	39	10	72	--
Johnson Rd to Porter Way	420061022	3187	1759+00	616 70TH AV E	SF	1	723	38	10	72	--
Porter Way to 10th St	420061178	3191	1761+00	624 70TH AV E	SF	1	742	36	10	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Porter Way to 10th St	420052009	3211	1766+00	7303 PACIFIC HWY E	SF	1	479	39	10	72	--
Porter Way to 10th St	420053071	3257	1768+00	805 70TH AV E	SF	1	435	40	10	72	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	375	42	10	72	--
Porter Way to 10th St	420061179	3202	1764+00	712 70TH AV E	SF	1	762	36	10	72	--
Porter Way to 10th St	420061030	3217	1766+00	726 70TH AV E	SF	1	723	36	10	72	--
Porter Way to 10th St	420064044	3277	1770+00	816 70TH AV E	SF	1	659	38	10	72	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	594	38	10	72	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	468	39	10	72	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	519	39	10	72	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	448	40	10	72	--
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	436	40	10	72	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	453	45	10	72	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	461	45	10	72	--
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	470	45	10	72	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	465	45	10	72	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	410	46	10	72	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	426	45	10	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	452	45	10	72	--
Johnson Rd to Porter Way	420052004	3117	1755+00	326 EMERALD ST	SF	1	921	37	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	740	38	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1757+00	323 EMERALD ST	SF	1	744	38	10	72	--
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	696	39	10	72	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	217	45	10	72	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	180	46	10	72	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	174	46	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	177	46	10	72	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	253	44	10	72	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	166	52	10	72	--
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	165	52	10	72	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	234	50	10	72	--
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	190	51	10	72	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	383	41	10	72	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	405	40	10	72	--
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	350	41	10	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	260	43	10	72	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	299	48	10	72	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	337	47	10	72	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	364	47	10	72	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	458	45	10	72	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	313	48	10	72	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	314	48	10	72	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	322	47	10	72	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	334	47	10	72	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	339	47	10	72	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	331	47	10	72	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	306	48	10	72	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	266	49	10	72	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	243	49	10	72	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	190	51	10	72	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	147	53	10	72	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	115	55	10	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	92	56	10	72	--
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	89	56	10	72	--
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	82	57	10	72	--
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	69	60	40	72	--
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	78	57	40	72	--
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	101	55	10	72	--
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	138	53	10	72	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	188	51	10	72	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	449	45	10	72	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	228	50	10	72	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	264	49	10	72	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	276	48	10	72	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	285	48	10	72	--
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	323	47	10	72	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	350	47	10	72	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	372	46	10	72	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	142	52	12.5	72	--

Table F-5 Detailed Vibration Assessment Results for SF 99-West Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	234	48	12.5	72	--
S 344th St to S 346th St	2121049078	1480	1596+00	1688 S 348TH ST	HOTEL	1	64	61	50	72	--
Porter Way to 10th St	420053048	3238	1768+00	7224 PACIFIC HWY E	HOSPITAL	1	96	52	40	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	124	53	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	196	49	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	107	55	12.5	75	--
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	181	50	12.5	72	--
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	459	42	12.5	72	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	395	43	12.5	72	--
S 364th St to S 373rd St	3221049016	1706	1683+00	36815 PACIFIC HWY S	CH	1	117	54	12.5	75	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	184	50	12.5	72	--
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	127	54	12.5	72	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	289	46	12.5	72	--
S 373rd St to Johnson Rd	2188203420	1782	1703+00	37226 1ST AVE SW	SF	1	312	46	12.5	72	--
S 373rd St to Johnson Rd	2188203365	1794	1703+00	112 SW 374TH ST	SF	1	246	48	12.5	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	3221049025	1843	1711+00	37600 PACIFIC HWY S	CEM	1	135	53	12.5	75	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	64	64	50	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	88	58	50	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	66	64	50	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	149	52	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	176	51	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	106	55	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	127	54	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	148	52	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	207	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	227	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	249	48	12.5	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	273	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	254	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1716+00	8425 PACIFIC HWY E	SF	1	223	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	170	51	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	190	50	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	215	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	274	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	300	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	323	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	295	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	235	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	266	47	12.5	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	330	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	345	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	288	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	307	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	336	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	105	55	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	124	54	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	150	52	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	173	51	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	178	51	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	146	53	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	212	49	12.5	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	248	48	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	267	47	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	216	49	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	299	46	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	321	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	339	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	334	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	299	46	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	364	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	365	44	12.5	72	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	129	54	12.5	72	--
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	222	49	12.5	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	277	47	12.5	72	--
Johnson Rd to Porter Way	420061029	3035	1739+00	7909 PACIFIC HWY E	HOTEL	1	165	52	12.5	72	--
Johnson Rd to Porter Way	420052026	3058	1745+00	7802 PACIFIC HWY E	SF	1	134	48	10	72	--
Johnson Rd to Porter Way	420061054	3094	1747+00	222 TO 224 70TH AV E	MF	2	530	38	10	72	--
Johnson Rd to Porter Way	420061105	3093	1746+00	210 TO 212 70TH AV E	SF	1	678	37	10	72	--
Johnson Rd to Porter Way	420061075	3107	1748+00	304 70TH AV E	SF	1	593	40	10	72	--
Johnson Rd to Porter Way	420061166	3134	1758+00	6926 5TH ST E	MF	12	822	37	10	72	--
Johnson Rd to Porter Way	420061166	3134	1758+00	6926 5TH ST E	MF	12	994	36	10	72	--
Johnson Rd to Porter Way	420061166	3134	1756+00	6926 5TH ST E	MF	12	814	37	10	72	--
Johnson Rd to Porter Way	420061166	3134	1756+00	6926 5TH ST E	MF	6	931	37	10	72	--
Johnson Rd to Porter Way	420061166	3134	1755+00	6926 5TH ST E	MF	12	988	36	10	72	--
Johnson Rd to Porter Way	6024260180	3152	1760+00	6919 5TH ST CT E	SF	1	911	37	10	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Johnson Rd to Porter Way	6024260020	3167	1762+00	6918 5TH ST CT E	SF	1	839	35	10	72	--
Johnson Rd to Porter Way	6024260010	3169	1762+00	6922 5TH ST CT E	SF	1	797	36	10	72	--
Johnson Rd to Porter Way	6024260170	3150	1760+00	6911 5TH ST CT E	SF	1	956	36	10	72	--
Johnson Rd to Porter Way	6024260030	3166	1762+00	6914 5TH ST CT E	SF	1	883	35	10	72	--
Johnson Rd to Porter Way	6024260160	3149	1760+00	6907 5TH ST CT E	SF	1	1006	36	10	72	--
Johnson Rd to Porter Way	6024260040	3165	1762+00	6910 5TH ST CT E	SF	1	935	35	10	72	--
Johnson Rd to Porter Way	6024260050	3164	1762+00	6906 5TH ST CT E	SF	1	984	34	10	72	--
Johnson Rd to Porter Way	420052015	3142	1758+00	509 70TH AV	SF	1	730	38	10	72	--
Johnson Rd to Porter Way	420052011	3183	1764+00	615 70TH AV E	SF	1	610	37	10	72	--
Johnson Rd to Porter Way	420052019	3174	1763+00	607 70TH AV E	SF	1	640	37	10	72	--
Johnson Rd to Porter Way	420061185	3176	1763+00	606 70TH AV E	SF	1	808	36	10	72	--
Johnson Rd to Porter Way	420061022	3187	1764+00	616 70TH AV E	SF	1	834	35	10	72	--
Porter Way to 10th St	420061178	3191	1765+00	624 70TH AV E	SF	1	809	36	10	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Porter Way to 10th St	420052009	3211	1768+00	7303 PACIFIC HWY E	SF	1	478	39	10	72	--
Porter Way to 10th St	420053071	3257	1769+00	805 70TH AV E	SF	1	428	41	10	72	--
Porter Way to 10th St	420053042	3256	1771+00	817 70TH AV E	SF	1	373	42	10	72	--
Porter Way to 10th St	420061179	3202	1767+00	712 70TH AV E	SF	1	772	36	10	72	--
Porter Way to 10th St	420061030	3217	1769+00	726 70TH AV E	SF	1	717	37	10	72	--
Porter Way to 10th St	420064044	3277	1771+00	816 70TH AV E	SF	1	658	38	10	72	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	601	38	10	72	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	473	39	10	72	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	519	39	10	72	--
Porter Way to 10th St	420053042	3256	1772+00	817 70TH AV E	SF	1	447	40	10	72	--
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	436	40	10	72	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	453	45	10	72	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	461	45	10	72	--
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	470	45	10	72	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	465	45	10	72	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	410	46	10	72	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	426	45	10	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	452	45	10	72	--
Johnson Rd to Porter Way	420052004	3117	1754+00	326 EMERALD ST	SF	1	547	40	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	419	42	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	435	42	10	72	--
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	418	42	10	72	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	217	45	10	72	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	180	46	10	72	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	174	46	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	177	46	10	72	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	253	44	10	72	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	166	52	10	72	--
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	165	52	10	72	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	234	50	10	72	--
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	190	51	10	72	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	383	41	10	72	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	405	40	10	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	350	41	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	260	43	10	72	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	299	48	10	72	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	337	47	10	72	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	364	47	10	72	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	458	45	10	72	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	313	48	10	72	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	314	48	10	72	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	322	47	10	72	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	334	47	10	72	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	339	47	10	72	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	331	47	10	72	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	306	48	10	72	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	266	49	10	72	--
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	243	49	10	72	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	190	51	10	72	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	147	53	10	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	115	55	10	72	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	92	56	10	72	--
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	89	56	10	72	--
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	82	57	10	72	--
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	69	60	40	72	--
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	78	57	40	72	--
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	101	55	10	72	--
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	138	53	10	72	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	188	51	10	72	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	449	45	10	72	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	228	50	10	72	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	264	49	10	72	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	276	48	10	72	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	285	48	10	72	--
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	323	47	10	72	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	350	47	10	72	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	372	46	10	72	--

Table F-6 Detailed Vibration Assessment Results for SF 99-West Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	142	52	12.5	72	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	234	48	12.5	72	--
S 344th St to S 346th St	2121049078	1480	1596+00	1688 S 348TH ST	HOTEL	1	64	61	50	72	--
Porter Way to 10th St	420053048	3238	1769+00	7224 PACIFIC HWY E	HOSPITAL	1	90	54	40	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	243	47	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	310	45	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	221	48	12.5	75	--
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	67	63	50	72	--
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	345	44	12.5	72	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	281	46	12.5	72	--
S 364th St to S 373rd St	3221049016	1706	1684+00	36815 PACIFIC HWY S	CH	1	231	48	12.5	75	--
S 364th St to S 373rd St	3221049078	1717	1686+00	36903 PACIFIC HWY S	SF	1	164	51	12.5	72	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	69	62	50	72	--
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	200	51	12.5	72	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	358	46	12.5	72	--
S 373rd St to Johnson Rd	2188203420	1782	1704+00	37226 1ST AVE SW	SF	1	390	45	12.5	72	--
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	318	47	12.5	72	--
S 373rd St to Johnson Rd	3221049025	1843	1712+00	37600 PACIFIC HWY S	CEM	1	79	60	50	75	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	121	54	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	145	53	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	123	54	12.5	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	206	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	234	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	163	52	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	184	50	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	205	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	264	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	284	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	306	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	330	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	311	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	280	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	227	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	247	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	272	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	331	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	357	44	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	380	44	12.5	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	353	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	293	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	323	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	387	44	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	402	43	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	345	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	364	44	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	393	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	115	55	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	151	52	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	162	52	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	122	54	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	181	51	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	208	49	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	230	48	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	235	48	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	203	50	12.5	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	269	47	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	305	46	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	324	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	273	47	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	356	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	378	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	396	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	391	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	356	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	421	43	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	422	43	12.5	72	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	72	62	50	72	--
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	165	51	12.5	72	--
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	219	49	12.5	72	--
Johnson Rd to Porter Way	420061029	3035	1738+00	7909 PACIFIC HWY E	HOTEL	1	114	54	12.5	72	--
Johnson Rd to Porter Way	420052026	3058	1744+00	7802 PACIFIC HWY E	SF	1	150	47	10	72	--
Johnson Rd to Porter Way	420061054	3094	1747+00	222 TO 224 70TH AV E	MF	2	148	49	10	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Johnson Rd to Porter Way	420061105	3093	1747+00	210 TO 212 70TH AV E	SF	1	317	44	10	72	--
Johnson Rd to Porter Way	420061075	3107	1748+00	304 70TH AV E	SF	1	191	48	10	72	--
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	12	497	41	10	72	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	645	39	10	72	--
Johnson Rd to Porter Way	420061166	3134	1753+00	6926 5TH ST E	MF	12	439	42	10	72	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	6	536	41	10	72	--
Johnson Rd to Porter Way	420061166	3134	1752+00	6926 5TH ST E	MF	12	589	40	10	72	--
Johnson Rd to Porter Way	6024260180	3152	1754+00	6919 5TH ST CT E	SF	1	614	39	10	72	--
Johnson Rd to Porter Way	6024260020	3167	1756+00	6918 5TH ST CT E	SF	1	626	39	10	72	--
Johnson Rd to Porter Way	6024260010	3169	1756+00	6922 5TH ST CT E	SF	1	594	40	10	72	--
Johnson Rd to Porter Way	6024260170	3150	1754+00	6911 5TH ST CT E	SF	1	655	39	10	72	--
Johnson Rd to Porter Way	6024260030	3166	1756+00	6914 5TH ST CT E	SF	1	670	39	10	72	--
Johnson Rd to Porter Way	6024260160	3149	1754+00	6907 5TH ST CT E	SF	1	698	38	10	72	--
Johnson Rd to Porter Way	6024260040	3165	1755+00	6910 5TH ST CT E	SF	1	718	38	10	72	--
Johnson Rd to Porter Way	6024260050	3164	1755+00	6906 5TH ST CT E	SF	1	759	38	10	72	--
Johnson Rd to Porter Way	420052015	3142	1754+00	509 70TH AV	SF	1	415	42	10	72	--
Johnson Rd to Porter Way	420052011	3183	1760+00	615 70TH AV E	SF	1	505	41	10	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Johnson Rd to Porter Way	420052019	3174	1758+00	607 70TH AV E	SF	1	490	41	10	72	--
Johnson Rd to Porter Way	420061185	3176	1757+00	606 70TH AV E	SF	1	645	39	10	72	--
Johnson Rd to Porter Way	420061022	3187	1759+00	616 70TH AV E	SF	1	723	38	10	72	--
Porter Way to 10th St	420061178	3191	1760+00	624 70TH AV E	SF	1	742	38	10	72	--
Porter Way to 10th St	420052009	3211	1765+00	7303 PACIFIC HWY E	SF	1	479	41	10	72	--
Porter Way to 10th St	420053071	3257	1767+00	805 70TH AV E	SF	1	435	42	10	72	--
Porter Way to 10th St	420053042	3256	1769+00	817 70TH AV E	SF	1	375	43	10	72	--
Porter Way to 10th St	420061179	3202	1764+00	712 70TH AV E	SF	1	762	38	10	72	--
Porter Way to 10th St	420061030	3217	1766+00	726 70TH AV E	SF	1	723	38	10	72	--
Porter Way to 10th St	420064044	3277	1770+00	816 70TH AV E	SF	1	659	37	10	72	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	594	38	10	72	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	468	39	10	72	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	519	39	10	72	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	448	40	10	72	--
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	436	40	10	72	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	453	45	10	72	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	461	45	10	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	470	45	10	72	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	465	45	10	72	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	410	46	10	72	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	426	45	10	72	--
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	452	45	10	72	--
Johnson Rd to Porter Way	420052004	3117	1755+00	326 EMERALD ST	SF	1	921	36	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	740	38	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1756+00	323 EMERALD ST	SF	1	744	38	10	72	--
Johnson Rd to Porter Way	5990000540	3143	1757+00	511 4TH AV	SF	1	696	38	10	72	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	217	45	10	72	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	180	46	10	72	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	174	46	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	177	46	10	72	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	253	44	10	72	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	166	52	10	72	--
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	165	52	10	72	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	234	50	10	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	190	51	10	72	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	383	41	10	72	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	405	40	10	72	--
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	350	41	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	260	43	10	72	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	299	48	10	72	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	337	47	10	72	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	364	47	10	72	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	458	45	10	72	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	313	48	10	72	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	314	48	10	72	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	322	47	10	72	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	334	47	10	72	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	339	47	10	72	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	331	47	10	72	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	306	48	10	72	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	266	49	10	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	243	49	10	72	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	190	51	10	72	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	147	53	10	72	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	115	55	10	72	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	92	56	10	72	--
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	89	56	10	72	--
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	82	57	10	72	--
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	69	60	40	72	--
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	78	57	40	72	--
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	101	55	10	72	--
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	138	53	10	72	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	188	51	10	72	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	449	45	10	72	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	228	50	10	72	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	264	49	10	72	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	276	48	10	72	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	285	48	10	72	--

Table F-7 Detailed Vibration Assessment Results for SF 99-East Alternative (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	323	47	10	72	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	350	47	10	72	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	372	46	10	72	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	120	54	12.5	72	--
S 344th St to S 346th St	2121049078	1480	1598+00	1688 S 348TH ST	HOTEL	1	62	61	50	72	--
Porter Way to 10th St	420053048	3238	1767+00	7224 PACIFIC HWY E	HOSPITAL	1	96	53	40	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 359th St to S 364th Way	2921049020	1638	1649+00	35929 PACIFIC HWY S	SF	1	243	47	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1672+00	36605 PACIFIC HWY S	SF	1	310	45	12.5	72	--
S 364th St to S 373rd St	2921049074	1691	1675+00	36605 PACIFIC HWY S	SCHOOL	1	221	48	12.5	75	--
S 364th St to S 373rd St	2921049024	1687	1670+00	N/A	SF	1	67	63	50	72	--
S 364th St to S 373rd St	2921049161	1697	1671+00	36530 PACIFIC HWY S	SF	1	345	44	12.5	72	--
S 364th St to S 373rd St	2921049044	1702	1674+00	36606 PACIFIC HWY S	SF	1	281	46	12.5	72	--
S 364th St to S 373rd St	3221049016	1706	1684+00	36815 PACIFIC HWY S	CH	1	231	48	12.5	75	--
S 364th St to S 373rd St	3221049078	1717	1686+00	36903 PACIFIC HWY S	SF	1	164	51	12.5	72	--
S 364th St to S 373rd St	3221049094	1724	1688+00	36928 PACIFIC HWY S	SF	1	69	62	50	72	--
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	200	51	12.5	72	--
S 373rd St to Johnson Rd	2188203395	1795	1704+00	37234 1ST AVE SW	SF	1	358	46	12.5	72	--
S 373rd St to Johnson Rd	2188203420	1782	1704+00	37226 1ST AVE SW	SF	1	390	45	12.5	72	--
S 373rd St to Johnson Rd	2188203365	1794	1704+00	112 SW 374TH ST	SF	1	318	47	12.5	72	--
S 373rd St to Johnson Rd	3221049025	1843	1712+00	37600 PACIFIC HWY S	CEM	1	79	60	50	75	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	121	54	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	145	53	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	123	54	12.5	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	206	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	234	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	163	52	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	184	50	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	205	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	264	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	284	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	306	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	330	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	311	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	280	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	227	49	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	247	48	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	272	47	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	331	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	357	44	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	380	44	12.5	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	353	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	293	46	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	323	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	387	44	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1717+00	8425 PACIFIC HWY E	SF	1	402	43	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	345	45	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	364	44	12.5	72	--
S 373rd St to Johnson Rd	421314030	3007	1718+00	8425 PACIFIC HWY E	SF	1	393	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	115	55	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	151	52	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	162	52	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	122	54	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	181	51	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	208	49	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	230	48	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	235	48	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	203	50	12.5	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
S 373rd St to Johnson Rd	421314031	3012	1721+00	8323 PACIFIC HWY E	SF	1	269	47	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	305	46	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	324	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	273	47	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	356	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	378	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	396	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	391	44	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	356	45	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1720+00	8323 PACIFIC HWY E	SF	1	421	43	12.5	72	--
S 373rd St to Johnson Rd	421314031	3012	1722+00	8323 PACIFIC HWY E	SF	1	422	43	12.5	72	--
S 373rd St to Johnson Rd	421314127	3013	1720+00	8324 PACIFIC HWY E	SF	1	72	62	50	72	--
S 373rd St to Johnson Rd	421314039	3019	1724+00	6911 JOHNSON RD NE	SF	1	165	51	12.5	72	--
S 373rd St to Johnson Rd	421314016	3018	1724+00	6919 JOHNSON RD NE	SF	1	219	49	12.5	72	--
Johnson Rd to Porter Way	420061029	3035	1738+00	7909 PACIFIC HWY E	HOTEL	1	190	51	12.5	72	--
Johnson Rd to Porter Way	420052026	3058	1744+00	7802 PACIFIC HWY E	SF	1	134	48	10	72	--
Johnson Rd to Porter Way	420061054	3094	1746+00	222 TO 224 70TH AV E	MF	2	530	38	10	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Johnson Rd to Porter Way	420061105	3093	1745+00	210 TO 212 70TH AV E	SF	1	678	37	10	72	--
Johnson Rd to Porter Way	420061075	3107	1746+00	304 70TH AV E	SF	1	593	38	10	72	--
Johnson Rd to Porter Way	420061166	3134	1757+00	6926 5TH ST E	MF	12	822	37	10	72	--
Johnson Rd to Porter Way	420061166	3134	1757+00	6926 5TH ST E	MF	12	994	36	10	72	--
Johnson Rd to Porter Way	420061166	3134	1755+00	6926 5TH ST E	MF	12	814	37	10	72	--
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	6	931	37	10	72	--
Johnson Rd to Porter Way	420061166	3134	1754+00	6926 5TH ST E	MF	12	988	36	10	72	--
Johnson Rd to Porter Way	6024260180	3152	1759+00	6919 5TH ST CT E	SF	1	911	37	10	72	--
Johnson Rd to Porter Way	6024260020	3167	1761+00	6918 5TH ST CT E	SF	1	839	35	10	72	--
Johnson Rd to Porter Way	6024260010	3169	1761+00	6922 5TH ST CT E	SF	1	797	36	10	72	--
Johnson Rd to Porter Way	6024260170	3150	1759+00	6911 5TH ST CT E	SF	1	956	36	10	72	--
Johnson Rd to Porter Way	6024260030	3166	1761+00	6914 5TH ST CT E	SF	1	883	35	10	72	--
Johnson Rd to Porter Way	6024260160	3149	1759+00	6907 5TH ST CT E	SF	1	1006	36	10	72	--
Johnson Rd to Porter Way	6024260040	3165	1761+00	6910 5TH ST CT E	SF	1	935	35	10	72	--
Johnson Rd to Porter Way	6024260050	3164	1761+00	6906 5TH ST CT E	SF	1	984	34	10	72	--
Johnson Rd to Porter Way	420052015	3142	1757+00	509 70TH AV	SF	1	730	38	10	72	--
Johnson Rd to Porter Way	420052011	3183	1762+00	615 70TH AV E	SF	1	610	37	10	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Johnson Rd to Porter Way	420052019	3174	1762+00	607 70TH AV E	SF	1	640	37	10	72	--
Johnson Rd to Porter Way	420061185	3176	1762+00	606 70TH AV E	SF	1	808	36	10	72	--
Johnson Rd to Porter Way	420061022	3187	1763+00	616 70TH AV E	SF	1	834	35	10	72	--
Porter Way to 10th St	420061178	3191	1764+00	624 70TH AV E	SF	1	809	36	10	72	--
Porter Way to 10th St	420052009	3211	1767+00	7303 PACIFIC HWY E	SF	1	478	39	10	72	--
Porter Way to 10th St	420053071	3257	1768+00	805 70TH AV E	SF	1	428	41	10	72	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	373	42	10	72	--
Porter Way to 10th St	420061179	3202	1766+00	712 70TH AV E	SF	1	772	36	10	72	--
Porter Way to 10th St	420061030	3217	1767+00	726 70TH AV E	SF	1	717	36	10	72	--
Porter Way to 10th St	420064044	3277	1770+00	816 70TH AV E	SF	1	658	38	10	72	--
Porter Way to 10th St	420064094	3271	1914+00	910 70TH AV E	SF	1	601	38	10	72	--
Porter Way to 10th St	420053077	3268	1913+00	907 70TH AV E	SF	1	473	39	10	72	--
Porter Way to 10th St	420064115	3272	1915+00	920 70TH AV E	SF	1	519	39	10	72	--
Porter Way to 10th St	420053042	3256	1770+00	817 70TH AV E	SF	1	447	40	10	72	--
10th St E to 68th Ave E	420064211	3276	1918+00	1016 70TH AV E	SF	1	436	40	10	72	--
10th St E to 68th Ave E	6025220340	3313	1927+00	1216 69TH AV E	SF	1	453	45	10	72	--
10th St E to 68th Ave E	6025220330	3324	1928+00	1220 69TH AV E	SF	1	461	45	10	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220320	3328	1928+00	1224 69TH AV E	SF	1	470	45	10	72	--
10th St E to 68th Ave E	6025220310	3332	1929+00	1228 69TH AV E	SF	1	465	45	10	72	--
10th St E to 68th Ave E	6025220280	3340	1930+00	1310 69TH AV E	SF	1	410	46	10	72	--
10th St E to 68th Ave E	6025220290	3338	1930+00	1306 69TH AV E	SF	1	426	45	10	72	--
10th St E to 68th Ave E	6025220300	3335	1929+00	1302 69TH AV E	SF	1	452	45	10	72	--
Johnson Rd to Porter Way	420052004	3117	1753+00	326 EMERALD ST	SF	1	547	40	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1754+00	323 EMERALD ST	SF	1	419	42	10	72	--
Johnson Rd to Porter Way	5990000550	3130	1755+00	323 EMERALD ST	SF	1	435	42	10	72	--
Johnson Rd to Porter Way	5990000540	3143	1756+00	511 4TH AV	SF	1	418	42	10	72	--
10th St E to 68th Ave E	420053064	3249	1916+00	7127 PACIFIC HWY E	SF	1	217	45	10	72	--
10th St E to 68th Ave E	420057012	3250	1917+00	7121 PACIFIC HWY E	SF	1	180	46	10	72	--
10th St E to 68th Ave E	420053040	3251	1917+00	7119 PACIFIC HWY E	SF	1	174	46	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	177	46	10	72	--
Porter Way to 10th St	420053058	3252	1915+00	913 70TH AV E	SF	1	253	44	10	72	--
10th St E to 68th Ave E	420053036	3261	1920+00	7109 PACIFIC HWY E	SF	1	166	52	10	72	--
10th St E to 68th Ave E	420053037	3262	1921+00	7111 PACIFIC HWY E	SF	1	165	52	10	72	--
10th St E to 68th Ave E	420053053	3266	1922+00	1119 70TH AV E	SF	1	234	50	10	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	420053001	3269	1923+00	1123 70TH AV E	SF	1	190	51	10	72	--
Porter Way to 10th St	420053078	3253	1914+00	911 70TH AV E	SF	1	383	41	10	72	--
Porter Way to 10th St	420053059	3265	1915+00	915 70TH AV E	SF	1	405	40	10	72	--
10th St E to 68th Ave E	420053027	3267	1918+00	1015 70TH AV E	SF	1	350	41	10	72	--
10th St E to 68th Ave E	420053067	3258	1918+00	7115 PACIFIC HWY E	SF	1	260	43	10	72	--
10th St E to 68th Ave E	420053034	3260	1919+00	1103 70TH AV E	SF	1	299	48	10	72	--
10th St E to 68th Ave E	420064139	3274	1923+00	6921 12TH ST E	SF	1	337	47	10	72	--
10th St E to 68th Ave E	420064138	3273	1922+00	1122 70TH AV E	SF	1	364	47	10	72	--
10th St E to 68th Ave E	420064151	3305	1924+00	6823 12TH ST E	SF	1	458	45	10	72	--
10th St E to 68th Ave E	6025220010	3281	1925+00	1201 69TH AV E	SF	1	313	48	10	72	--
10th St E to 68th Ave E	6025220020	3285	1925+00	1207 69TH AV E	SF	1	314	48	10	72	--
10th St E to 68th Ave E	6025220030	3292	1927+00	1211 69TH AV E	SF	1	322	47	10	72	--
10th St E to 68th Ave E	6025220040	3298	1927+00	1217 69TH AV E	SF	1	334	47	10	72	--
10th St E to 68th Ave E	6025220050	3310	1928+00	1225 69TH AV E	SF	1	339	47	10	72	--
10th St E to 68th Ave E	6025220060	3314	1928+00	1305 69TH AV E	SF	1	331	47	10	72	--
10th St E to 68th Ave E	6025220070	3318	1929+00	1309 69TH AV E	SF	1	306	48	10	72	--
10th St E to 68th Ave E	6025220080	3316	1929+00	1315 69TH AV E	SF	1	266	49	10	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220090	3319	1930+00	1319 69TH AV E	SF	1	243	49	10	72	--
10th St E to 68th Ave E	6025220100	3315	1930+00	1323 69TH AV E	SF	1	190	51	10	72	--
10th St E to 68th Ave E	6025220110	3311	1930+00	1327 69TH AV E	SF	1	147	53	10	72	--
10th St E to 68th Ave E	6025220120	3312	1930+00	1403 69TH AV E	SF	1	115	55	10	72	--
10th St E to 68th Ave E	6025220130	3320	1931+00	1407 69TH AV E	SF	1	92	56	10	72	--
10th St E to 68th Ave E	6025220140	3326	1931+00	1413 69TH AV E	SF	1	89	56	10	72	--
10th St E to 68th Ave E	6025220150	3330	1932+00	1417 69TH AV E	SF	1	82	57	10	72	--
10th St E to 68th Ave E	6025220160	3334	1932+00	1421 69TH AV E	SF	1	69	60	40	72	--
10th St E to 68th Ave E	6025220170	3344	1933+00	1425 69TH AV E	SF	1	78	57	40	72	--
10th St E to 68th Ave E	6025220180	3354	1933+00	1429 69TH AV E	SF	1	101	55	10	72	--
10th St E to 68th Ave E	6025220190	3362	1934+00	1428 69TH AV E	SF	1	138	53	10	72	--
10th St E to 68th Ave E	6025220200	3364	1934+00	1426 69TH AV E	SF	1	188	51	10	72	--
10th St E to 68th Ave E	6025220350	3302	1926+00	1212 69TH AV E	SF	1	449	45	10	72	--
10th St E to 68th Ave E	6025220210	3365	1933+00	1420 69TH AV E	SF	1	228	50	10	72	--
10th St E to 68th Ave E	6025220220	3363	1933+00	1416 69TH AV E	SF	1	264	49	10	72	--
10th St E to 68th Ave E	6025220230	3361	1932+00	1412 69TH AV E	SF	1	276	48	10	72	--
10th St E to 68th Ave E	6025220240	3353	1932+00	1404 69TH AV E	SF	1	285	48	10	72	--

Table F-8 Detailed Vibration Assessment Results for SF 99-East Alternative with Porter Way Design Option (continued)

Receiver Area	King County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
10th St E to 68th Ave E	6025220250	3347	1932+00	1322 69TH AV E	SF	1	323	47	10	72	--
10th St E to 68th Ave E	6025220260	3342	1931+00	1318 69TH AV E	SF	1	350	47	10	72	--
10th St E to 68th Ave E	6025220270	3341	1931+00	1314 69TH AV E	SF	1	372	46	10	72	--
S 364th St to S 373rd St	2921049024	1687	1671+00	N/A	SF	1	120	54	12.5	72	--
S 344th St to S 346th St	2121049078	1480	1598+00	1688 S 348TH ST	HOTEL	1	62	61	50	72	--
Porter Way to 10th St	420053048	3238	1768+00	7224 PACIFIC HWY E	HOSPITAL	1	90	54	40	72	--

Table F-9 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	20	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	63	20	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.1
62nd Ave E to Fife Split	0420063117	3572	1956+00	1316 62ND AV E	SF	1	113	70	20	72	--
62nd Ave E to Fife Split	0420063117	3572	1959+00	1316 62ND AV E	CH	1	96	75	20	75	--
62nd Ave E to Fife Split	0420063115	3575	1956+00	1316 62ND AV E	MF	30	373	59	20	72	--
62nd Ave E to Fife Split	0420063060	3616	1963+00	1322 59TH AV E	SF	1	180	65	12.5	72	--
62nd Ave E to Fife Split	6605000013	3609	1963+00	5913 15TH ST E	SF	1	282	62	12.5	72	--
62nd Ave E to Fife Split	6605000014	3617	1964+00	5905 15TH ST E	SF	1	279	62	12.5	72	--
Fife Split to 54th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	272	62	12.5	72	--
Fife Split to 54th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	270	62	12.5	72	--
Fife Split to 54th Ave E	9315000033	3652	2002+00	5615 15TH ST E	SF	1	286	62	12.5	72	--
Fife Split to 54th Ave E	9315000020	3648	2000+00	5701 15TH ST E	SF	1	263	62	12.5	72	--

Table F-9 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	270	62	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	2003+00	5405 15TH ST E	HOTEL	1	443	59	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	2005+00	5518 15TH ST E	SF	1	420	59	12.5	72	--
Fife Split to 54th Ave E	9315000140	3671	2006+00	5510 E 15TH ST	SF	1	425	59	12.5	72	--
Fife Split to 54th Ave E	9315000040	3670	2006+00	5509 15TH ST E	SF	1	281	62	12.5	72	--
Fife Split to 54th Ave E	9315000050	3674	2007+00	5503 15TH ST E	SF	1	271	62	12.5	72	--
Fife Split to 54th Ave E	9315000060	3679	2008+00	5417 15TH ST E	SF	1	271	62	12.5	72	--
Fife Split to 54th Ave E	9315000070	3689	2010+00	1409 54TH AV E	CH	1	246	61	20	75	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	615	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	520	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	612	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	612	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	626	45	10	72	--

Table F-9 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	553	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	558	46	10	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2067+00	3700 PACIFIC HWY E	HOSPITAL	1	443	59	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2091+00	3100 PACIFIC HWY E	HOTEL	1	140	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2078+00	3401 PACIFIC HWY E	HOTEL	1	137	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2075+00	3501 PACIFIC HWY E	MF	96	152	68	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2072+00	3518 PACIFIC HWY E	HOTEL	1	44	80	20	72	8.5
Alexander Ave E to 34th Ave E	0320013089	4011	2064+00	3801 PACIFIC HWY E	HOTEL	1	145	67	12.5	72	--
Alexander Ave E to 34th Ave E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	117	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2064+00	3812 PACIFIC HWY E	SF	1	144	67	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	275	51	20	72	--

Table F-9 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	278	51	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	180	56	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	187	55	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	167	56	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	311	50	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	247	52	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	249	52	20	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	129	59	12.5	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2036+00	1428 47TH AV E	SF	1	182	56	12.5	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2036+00	1420 47TH AV E	SF	1	238	53	20	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2035+00	1417 47TH AV E	SF	1	273	51	20	72	--

Table F-9 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	8905000241	3883	2036+00	1412 47TH AV E	SF	1	303	50	20	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	303	51	20	72	--
34th Ave E to Puyallup River	0320112045	4121	2097+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-10 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Avenue Design Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	12.5	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	65	12.5	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.2
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	117	70	20	72	--
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	110	69	20	75	--
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	378	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	297	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	293	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	286	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	284	62	12.5	72	--
Fife Split to 54th Ave E	9315000033	3652	1971+00	5615 15TH ST E	SF	1	297	62	12.5	72	--

Table F-10 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000020	3648	1970+00	5701 15TH ST E	SF	1	275	62	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	284	62	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	450	59	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	423	59	12.5	72	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	426	59	12.5	72	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	282	62	12.5	72	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	272	62	12.5	72	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	273	61	20	72	--
Fife Split to 54th Ave E	9315000070	3689	1980+00	1409 54TH AV E	CH	1	225	63	20	75	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	615	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	520	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	612	45	10	72	--

Table F-10 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	612	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	626	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	553	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	558	46	10	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2067+00	3700 PACIFIC HWY E	HOSPITAL	1	443	59	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2091+00	3100 PACIFIC HWY E	HOTEL	1	140	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2078+00	3401 PACIFIC HWY E	HOTEL	1	137	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2075+00	3501 PACIFIC HWY E	MF	96	152	68	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2072+00	3518 PACIFIC HWY E	HOTEL	1	44	80	20	72	8.5
Alexander Ave E to 34th Ave E	0320013089	4011	2064+00	3801 PACIFIC HWY E	HOTEL	1	145	67	12.5	72	--

Table F-10 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	117	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2064+00	3812 PACIFIC HWY E	SF	1	144	67	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	275	51	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	278	51	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	180	56	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	187	55	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	167	56	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	311	50	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	247	52	20	72	--

Table F-10 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	249	52	20	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	129	59	12.5	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2036+00	1428 47TH AV E	SF	1	182	56	12.5	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2036+00	1420 47TH AV E	SF	1	238	53	20	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2035+00	1417 47TH AV E	SF	1	273	51	20	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2036+00	1412 47TH AV E	SF	1	303	50	20	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	303	51	20	72	--
34th Ave E to Puyallup River	0320112045	4121	2097+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-11 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Span Station Design Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	12.5	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	65	12.5	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.2
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	102	71	20	72	--
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	84	71	20	75	--
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	362	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	267	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	262	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	254	64	12.5	72	--
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	251	65	12.5	72	--

Table F-11 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Span Station Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000033	3652	1972+00	5615 15TH ST E	SF	1	202	64	12.5	72	--
Fife Split to 54th Ave E	9315000020	3648	1971+00	5701 15TH ST E	SF	1	206	64	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	236	65	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	325	61	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	258	58	20	72	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	251	58	20	72	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	107	66	20	72	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	95	67	20	72	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	97	61	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	615	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	520	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	612	45	10	72	--

Table F-11 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Span Station Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	612	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	626	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	553	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	558	46	10	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2067+00	3700 PACIFIC HWY E	HOSPITAL	1	443	59	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2091+00	3100 PACIFIC HWY E	HOTEL	1	140	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2078+00	3401 PACIFIC HWY E	HOTEL	1	137	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2075+00	3501 PACIFIC HWY E	MF	96	152	68	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2072+00	3518 PACIFIC HWY E	HOTEL	1	44	80	20	72	8.5
Alexander Ave E to 34th Ave E	0320013089	4011	2064+00	3801 PACIFIC HWY E	HOTEL	1	145	67	12.5	72	--

Table F-11 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Span Station Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	117	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2064+00	3812 PACIFIC HWY E	SF	1	144	67	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	275	51	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	278	51	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	180	56	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	187	55	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	167	56	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	311	50	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	247	52	20	72	--

Table F-11 Detailed Vibration Assessment Results for the Fife Pacific Highway Alternative with 54th Span Station Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	249	52	20	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	129	59	12.5	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2036+00	1428 47TH AV E	SF	1	182	56	12.5	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2036+00	1420 47TH AV E	SF	1	238	53	20	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2035+00	1417 47TH AV E	SF	1	273	51	20	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2036+00	1412 47TH AV E	SF	1	303	50	20	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	303	51	20	72	--
34th Ave E to Puyallup River	0320112045	4121	2097+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-12 Detailed Vibration Assessment Results for the Fife Median Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	20	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	63	20	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.1
62nd Ave E to Fife Split	0420063117	3572	1956+00	1316 62ND AV E	SF	1	113	70	20	72	--
62nd Ave E to Fife Split	0420063117	3572	1959+00	1316 62ND AV E	CH	1	96	75	20	75	--
62nd Ave E to Fife Split	0420063115	3575	1956+00	1316 62ND AV E	MF	30	373	59	20	72	--
62nd Ave E to Fife Split	0420063060	3616	1963+00	1322 59TH AV E	SF	1	180	65	12.5	72	--
62nd Ave E to Fife Split	6605000013	3609	1963+00	5913 15TH ST E	SF	1	282	62	12.5	72	--
62nd Ave E to Fife Split	6605000014	3617	1964+00	5905 15TH ST E	SF	1	279	62	12.5	72	--
Fife Split to 54th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	272	62	12.5	72	--
Fife Split to 54th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	270	62	12.5	72	--

Table F-12 Detailed Vibration Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000033	3652	2002+00	5615 15TH ST E	SF	1	285	62	12.5	72	--
Fife Split to 54th Ave E	9315000020	3648	2001+00	5701 15TH ST E	SF	1	262	62	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1968+00	5719 15TH ST E	SF	1	270	62	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	2003+00	5405 15TH ST E	HOTEL	1	440	59	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	2005+00	5518 15TH ST E	SF	1	415	59	12.5	72	--
Fife Split to 54th Ave E	9315000140	3671	2006+00	5510 E 15TH ST	SF	1	420	59	12.5	72	--
Fife Split to 54th Ave E	9315000040	3670	2006+00	5509 15TH ST E	SF	1	276	62	12.5	72	--
Fife Split to 54th Ave E	9315000050	3674	2007+00	5503 15TH ST E	SF	1	267	62	12.5	72	--
Fife Split to 54th Ave E	9315000060	3679	2009+00	5417 15TH ST E	SF	1	271	64	12.5	72	--
Fife Split to 54th Ave E	9315000070	3689	2012+00	1409 54TH AV E	CH	1	246	64	12.5	75	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	669	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2039+00	4600 16TH ST E	MF	24	574	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	666	45	10	72	--

Table F-12 Detailed Vibration Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	666	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	680	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	12	608	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	612	45	10	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2067+00	3700 PACIFIC HWY E	HOSPITAL	1	497	58	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2090+00	3100 PACIFIC HWY E	HOTEL	1	140	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2077+00	3401 PACIFIC HWY E	HOTEL	1	124	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2074+00	3501 PACIFIC HWY E	MF	96	110	70	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2071+00	3518 PACIFIC HWY E	HOTEL	1	98	71	12.5	72	--
Alexander Ave E to 34th Ave E	0320013089	4011	2063+00	3801 PACIFIC HWY E	HOTEL	1	89	71	20	72	--

Table F-12 Detailed Vibration Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	172	66	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2063+00	3812 PACIFIC HWY E	SF	1	199	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	329	49	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	333	49	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	20	234	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	242	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	222	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	366	48	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	301	50	20	72	--

Table F-12 Detailed Vibration Assessment Results for the Fife Median Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	303	50	20	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2037+00	4601 PACIFIC HWY E	HOTEL	1	74	65	12.5	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2035+00	1428 47TH AV E	SF	1	127	59	12.5	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2035+00	1420 47TH AV E	SF	1	183	56	12.5	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2034+00	1417 47TH AV E	SF	1	218	54	20	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2035+00	1412 47TH AV E	SF	1	248	52	20	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	248	52	20	72	--
34th Ave E to Puyallup River	0320112045	4121	2096+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-13 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Avenue Design Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	12.5	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	65	12.5	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.2
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	117	70	20	72	--
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	110	69	20	75	--
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	378	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	297	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	293	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	286	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	284	62	12.5	72	--
Fife Split to 54th Ave E	9315000033	3652	1971+00	5615 15TH ST E	SF	1	297	62	12.5	72	--

Table F-13 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000020	3648	1970+00	5701 15TH ST E	SF	1	275	62	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	284	62	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	450	59	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	423	59	12.5	72	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	426	59	12.5	72	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	282	62	12.5	72	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	272	62	12.5	72	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	273	61	20	72	--
Fife Split to 54th Ave E	9315000070	3689	1980+00	1409 54TH AV E	CH	1	225	63	20	75	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	669	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2039+00	4600 16TH ST E	MF	24	574	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	666	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	666	45	10	72	--

Table F-13 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	680	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	12	608	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	612	45	10	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2067+00	3700 PACIFIC HWY E	HOSPITAL	1	497	58	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2090+00	3100 PACIFIC HWY E	HOTEL	1	140	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2077+00	3401 PACIFIC HWY E	HOTEL	1	124	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2074+00	3501 PACIFIC HWY E	MF	96	110	70	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2071+00	3518 PACIFIC HWY E	HOTEL	1	98	71	12.5	72	--
Alexander Ave E to 34th Ave E	0320013089	4011	2063+00	3801 PACIFIC HWY E	HOTEL	1	89	71	20	72	--
Alexander Ave E to 34th Ave E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	172	66	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2063+00	3812 PACIFIC HWY E	SF	1	199	65	12.5	72	--

Table F-13 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	329	49	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	333	49	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	20	234	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	242	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	222	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	366	48	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	301	50	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	303	50	20	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2037+00	4601 PACIFIC HWY E	HOTEL	1	74	65	12.5	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2035+00	1428 47TH AV E	SF	1	127	59	12.5	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2035+00	1420 47TH AV E	SF	1	183	56	12.5	72	--

Table F-13 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	8905000380	3862	2034+00	1417 47TH AV E	SF	1	218	54	20	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2035+00	1412 47TH AV E	SF	1	248	52	20	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	248	52	20	72	--
34th Ave E to Puyallup River	0320112045	4121	2096+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-14 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Span Design Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	12.5	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	65	12.5	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.2
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	102	71	20	72	--
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	84	71	20	75	--
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	362	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	267	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	262	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	254	64	12.5	72	--
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	251	65	12.5	72	--
Fife Split to 54th Ave E	9315000033	3652	1972+00	5615 15TH ST E	SF	1	202	64	12.5	72	--

Table F-14 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000020	3648	1971+00	5701 15TH ST E	SF	1	206	64	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	236	65	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	325	61	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	258	58	20	72	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	251	58	20	72	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	107	66	20	72	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	95	67	20	72	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	97	61	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	669	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2039+00	4600 16TH ST E	MF	24	574	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	666	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	20	666	45	10	72	--

Table F-14 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	680	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	12	608	45	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	12	612	45	10	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2067+00	3700 PACIFIC HWY E	HOSPITAL	1	497	58	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2090+00	3100 PACIFIC HWY E	HOTEL	1	140	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2077+00	3401 PACIFIC HWY E	HOTEL	1	124	69	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2074+00	3501 PACIFIC HWY E	MF	96	110	70	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2071+00	3518 PACIFIC HWY E	HOTEL	1	98	71	12.5	72	--
Alexander Ave E to 34th Ave E	0320013089	4011	2063+00	3801 PACIFIC HWY E	HOTEL	1	89	71	20	72	--
Alexander Ave E to 34th Ave E	0320122058	4012	2064+00	3812 PACIFIC HWY E	SF	1	172	66	12.5	72	--

Table F-14 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320122071	4005	2063+00	3812 PACIFIC HWY E	SF	1	199	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	329	49	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	12	333	49	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	20	234	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	242	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	222	53	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2040+00	4600 16TH ST E	MF	24	366	48	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2041+00	4600 16TH ST E	MF	24	301	50	20	72	--

Table F-14 Detailed Vibration Assessment Results for the Fife Median Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	303	50	20	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2037+00	4601 PACIFIC HWY E	HOTEL	1	74	65	12.5	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2035+00	1428 47TH AV E	SF	1	127	59	12.5	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2035+00	1420 47TH AV E	SF	1	183	56	12.5	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2034+00	1417 47TH AV E	SF	1	218	54	20	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2035+00	1412 47TH AV E	SF	1	248	52	20	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2032+00	1416 WILLOW RD E	SF	1	248	52	20	72	--
34th Ave E to Puyallup River	0320112045	4121	2096+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-15 Detailed Vibration Assessment Results for the Fife I-5 Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	20	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	63	20	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.1
62nd Ave E to Fife Split	0420063117	3572	1956+00	1316 62ND AV E	SF	1	113	70	20	72	--
62nd Ave E to Fife Split	0420063117	3572	1959+00	1316 62ND AV E	CH	1	96	75	20	75	--
62nd Ave E to Fife Split	0420063115	3575	1956+00	1316 62ND AV E	MF	30	373	59	20	72	--
62nd Ave E to Fife Split	0420063060	3616	1963+00	1322 59TH AV E	SF	1	180	65	12.5	72	--
62nd Ave E to Fife Split	6605000013	3609	1963+00	5913 15TH ST E	SF	1	282	62	12.5	72	--
62nd Ave E to Fife Split	6605000014	3617	1964+00	5905 15TH ST E	SF	1	279	62	12.5	72	--
Fife Split to 54th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	272	62	12.5	72	--
Fife Split to 54th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	270	62	12.5	72	--

Table F-15 Detailed Vibration Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000033	3652	2002+00	5615 15TH ST E	SF	1	285	62	12.5	72	--
Fife Split to 54th Ave E	9315000020	3648	2001+00	5701 15TH ST E	SF	1	262	62	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1968+00	5719 15TH ST E	SF	1	270	62	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	2004+00	5405 15TH ST E	HOTEL	1	441	59	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	2006+00	5518 15TH ST E	SF	1	416	59	12.5	72	--
Fife Split to 54th Ave E	9315000140	3671	2007+00	5510 E 15TH ST	SF	1	421	59	12.5	72	--
Fife Split to 54th Ave E	9315000040	3670	2007+00	5509 15TH ST E	SF	1	277	62	12.5	72	--
Fife Split to 54th Ave E	9315000050	3674	2007+00	5503 15TH ST E	SF	1	267	62	12.5	72	--
Fife Split to 54th Ave E	9315000060	3679	2008+00	5417 15TH ST E	SF	1	270	63	20	72	--
Fife Split to 54th Ave E	9315000070	3689	2011+00	1409 54TH AV E	CH	1	249	64	20	75	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	88	65	12.5	72	--

Table F-15 Detailed Vibration Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	178	57	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	90	63	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	20	91	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	75	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	148	58	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	142	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2071+00	3700 PACIFIC HWY E	HOSPITAL	1	166	66	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2094+00	3100 PACIFIC HWY E	HOTEL	1	199	65	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2082+00	3401 PACIFIC HWY E	HOTEL	1	647	56	12.5	72	--

Table F-15 Detailed Vibration Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320024019	4042	2078+00	3501 PACIFIC HWY E	MF	96	691	55	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2075+00	3518 PACIFIC HWY E	HOTEL	1	507	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320013089	4011	2068+00	3801 PACIFIC HWY E	HOTEL	1	799	54	12.5	72	--
Alexander Ave E to 34th Ave E	0320122058	4012	2068+00	3812 PACIFIC HWY E	SF	1	516	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2067+00	3812 PACIFIC HWY E	SF	1	498	58	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	425	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	423	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	20	522	48	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	24	513	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	535	47	10	72	--

Table F-15 Detailed Vibration Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	391	49	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	456	48	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	453	47	10	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	806	45	10	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2034+00	1428 47TH AV E	SF	1	790	45	10	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2034+00	1420 47TH AV E	SF	1	841	45	10	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2033+00	1417 47TH AV E	SF	1	814	45	10	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2034+00	1412 47TH AV E	SF	1	901	45	10	72	--

Table F-15 Detailed Vibration Assessment Results for the Fife I-5 Alternative (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	8905000510	3848	2031+00	1416 WILLOW RD E	SF	1	733	46	10	72	--
34th Ave E to Puyallup River	0320112045	4121	2200+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-16 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Avenue Design Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	12.5	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	65	12.5	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.2
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	118	70	20	72	--
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	111	68	20	75	--
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	379	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	297	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	294	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	287	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	285	62	12.5	72	--
Fife Split to 54th Ave E	9315000033	3652	1971+00	5615 15TH ST E	SF	1	298	62	12.5	72	--
Fife Split to 54th Ave E	9315000020	3648	1970+00	5701 15TH ST E	SF	1	276	62	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	285	62	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	451	59	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	423	59	12.5	72	--

Table F-16 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	427	59	12.5	72	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	283	62	12.5	72	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	273	62	12.5	72	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	274	61	20	72	--
Fife Split to 54th Ave E	9315000070	3689	1980+00	1409 54TH AV E	CH	1	225	63	20	75	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	88	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	178	57	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	90	63	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	20	91	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	75	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	148	58	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	142	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2071+00	3700 PACIFIC HWY E	HOSPITAL	1	166	66	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2094+00	3100 PACIFIC HWY E	HOTEL	1	199	65	12.5	72	--

Table F-16 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320024032	4064	2082+00	3401 PACIFIC HWY E	HOTEL	1	647	56	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2078+00	3501 PACIFIC HWY E	MF	96	691	55	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2075+00	3518 PACIFIC HWY E	HOTEL	1	507	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320013089	4011	2068+00	3801 PACIFIC HWY E	HOTEL	1	799	54	12.5	72	--
Alexander Ave E to 34th Ave E	0320122058	4012	2068+00	3812 PACIFIC HWY E	SF	1	516	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320122071	4005	2067+00	3812 PACIFIC HWY E	SF	1	498	58	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	425	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	423	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	20	522	48	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	24	513	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	535	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	391	49	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	456	48	10	72	--

Table F-16 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Avenue Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	453	47	10	72	--
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	806	45	10	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2034+00	1428 47TH AV E	SF	1	790	45	10	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2034+00	1420 47TH AV E	SF	1	841	45	10	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2033+00	1417 47TH AV E	SF	1	814	45	10	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2034+00	1412 47TH AV E	SF	1	901	45	10	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2031+00	1416 WILLOW RD E	SF	1	733	46	10	72	--
34th Ave E to Puyallup River	0320112045	4121	2200+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-17 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Span Design Option

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
68th Ave E to 62nd Ave E	0420064195	3534	1955+00	1223 62ND AV E	SF	1	162	67	12.5	72	--
68th Ave E to 62nd Ave E	0420064194	3533	1955+00	1219 62ND AV E	SF	1	236	65	12.5	72	--
68th Ave E to 62nd Ave E	0420064023	3535	1953+00	1305 62ND AV E	SF	1	81	73	20	72	1.2
62nd Ave E to 58th Ave E	0420063117	3572	1956+00	1316 62ND AV E	SF	1	103	71	20	72	--
62nd Ave E to 58th Ave E	0420063117	3572	1959+00	1316 62ND AV E	CH	1	85	71	20	75	--
62nd Ave E to 58th Ave E	0420063115	3575	1956+00	1316 62ND AV E	MF	30	363	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000013	3609	1963+00	5913 15TH ST E	SF	1	267	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000014	3617	1964+00	5905 15TH ST E	SF	1	263	62	12.5	72	--
62nd Ave E to 58th Ave E	6605000030	3630	1966+00	5809 15TH ST E	SF	1	254	64	12.5	72	--
62nd Ave E to 58th Ave E	6605000040	3635	1967+00	5801 15TH ST E	SF	1	252	65	12.5	72	--
Fife Split to 54th Ave E	9315000033	3652	1972+00	5615 15TH ST E	SF	1	203	64	12.5	72	--

Table F-17 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Fife Split to 54th Ave E	9315000020	3648	1970+00	5701 15TH ST E	SF	1	206	66	12.5	72	--
Fife Split to 54th Ave E	9315000010	3640	1969+00	5719 15TH ST E	SF	1	237	65	12.5	72	--
Fife Split to 54th Ave E	9315000120	3658	1973+00	5405 15TH ST E	HOTEL	1	326	61	12.5	72	--
Fife Split to 54th Ave E	9315000130	3665	1975+00	5518 15TH ST E	SF	1	259	58	20	72	--
Fife Split to 54th Ave E	9315000140	3671	1976+00	5510 E 15TH ST	SF	1	252	58	20	72	--
Fife Split to 54th Ave E	9315000040	3670	1976+00	5509 15TH ST E	SF	1	108	66	20	72	--
Fife Split to 54th Ave E	9315000050	3674	1976+00	5503 15TH ST E	SF	1	96	67	20	72	--
Fife Split to 54th Ave E	9315000060	3679	1977+00	5417 15TH ST E	SF	1	98	61	20	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	88	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2042+00	4600 16TH ST E	MF	24	178	57	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	90	63	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	20	91	65	12.5	72	--

Table F-17 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	75	65	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	148	58	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	142	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320111068	4020	2071+00	3700 PACIFIC HWY E	HOSPITAL	1	166	66	12.5	66	--
34th Ave E to Puyallup River	0320111003	4107	2094+00	3100 PACIFIC HWY E	HOTEL	1	199	65	12.5	72	--
Alexander Ave E to 34th Ave E	0320024032	4064	2082+00	3401 PACIFIC HWY E	HOTEL	1	647	56	12.5	72	--
Alexander Ave E to 34th Ave E	0320024019	4042	2078+00	3501 PACIFIC HWY E	MF	96	691	55	12.5	72	--
Alexander Ave E to 34th Ave E	0320024106	4032	2075+00	3518 PACIFIC HWY E	HOTEL	1	507	58	12.5	72	--
Alexander Ave E to 34th Ave E	0320013089	4011	2068+00	3801 PACIFIC HWY E	HOTEL	1	799	54	12.5	72	--
Alexander Ave E to 34th Ave E	0320122058	4012	2068+00	3812 PACIFIC HWY E	SF	1	516	58	12.5	72	--

Table F-17 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Alexander Ave E to 34th Ave E	0320122071	4005	2067+00	3812 PACIFIC HWY E	SF	1	498	58	12.5	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2047+00	4600 16TH ST E	MF	12	425	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	12	423	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	20	522	48	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2046+00	4600 16TH ST E	MF	24	513	46	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	535	47	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2043+00	4600 16TH ST E	MF	24	391	49	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2044+00	4600 16TH ST E	MF	24	456	48	10	72	--
Willow Rd E to Alexander Ave E	0320122028	3919	2045+00	4600 16TH ST E	MF	24	453	47	10	72	--

Table F-17 Detailed Vibration Assessment Results for the Fife I-5 Alternative with 54th Span Design Option (continued)

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
Willow Rd E to Alexander Ave E	8905000091	3899	2038+00	4601 PACIFIC HWY E	HOTEL	1	806	45	10	72	--
Willow Rd E to Alexander Ave E	8905000243	3885	2034+00	1428 47TH AV E	SF	1	790	45	10	72	--
Willow Rd E to Alexander Ave E	8905000242	3884	2034+00	1420 47TH AV E	SF	1	841	45	10	72	--
Willow Rd E to Alexander Ave E	8905000380	3862	2033+00	1417 47TH AV E	SF	1	814	45	10	72	--
Willow Rd E to Alexander Ave E	8905000241	3883	2034+00	1412 47TH AV E	SF	1	901	45	10	72	--
Willow Rd E to Alexander Ave E	8905000510	3848	2031+00	1416 WILLOW RD E	SF	1	733	46	10	72	--
34th Ave E to Puyallup River	0320112045	4121	2200+00	2820 PACIFIC HWY E	HOTEL	1	132	68	12.5	72	--

Table F-18 Detailed Vibration Assessment Results for the Preferred Tacoma 25th Street-West Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
E Portland Ave to East L St	4715011101	4280	2253+00	1425 E 27TH ST	HOTEL	1	78	51	10	72	--
East L St to East G St	2076360040	4364	2268+00	1112 E 26TH ST	SF	1	416	51	10	72	--
East L St to East G St	2076360020	4376	2269+00	1106 E 26TH ST	SF	1	409	51	10	72	--
E Portland Ave to East L St	2076370030	4345	2264+00	1211 E 26TH ST	SF	1	220	53	10	72	--
E Portland Ave to East L St	4715010600	4342	2264+00	1220 PUYALLUP AV	HOTEL	1	83	53	10	72	--
East G St to East D St	2076240011	4471	2292+00	2611 EAST E ST	HOTEL	1	415	51	10	72	--
E Portland Ave to East L St	4715010850	4310	2259+00	1320 E 26TH ST	SF	1	238	51	10	72	--
East G St to East D St	2075210034	4493	2293+00	3520 214TH PL SE	MF	115	49	37	40	72	--

Table F-19 Detailed Vibration Assessment Results for the Tacoma 25th Street-East Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
E Portland Ave to East L St	4715011101	4280	2253+00	1425 E 27TH ST	HOTEL	1	81	51	10	72	--
East L St to East G St	2076360040	4364	2268+00	1112 E 26TH ST	SF	1	411	51	10	72	--
East L St to East G St	2076360020	4376	2269+00	1106 E 26TH ST	SF	1	405	51	10	72	--
E Portland Ave to East L St	2076370030	4345	2264+00	1211 E 26TH ST	SF	1	218	53	10	72	--
E Portland Ave to East L St	4715010600	4342	2263+00	1220 PUYALLUP AV	HOTEL	1	85	53	10	72	--
East G St to East D St	2076240011	4471	2289+00	2611 EAST E ST	HOTEL	1	458	51	10	72	--
E Portland Ave to East L St	4715010850	4310	2258+00	1320 E 26TH ST	SF	1	237	51	10	72	--
East G St to East D St	2075210034	4493	2293+00	3520 214TH PL SE	MF	115	392	24	10	72	--

Table F-20 Detailed Vibration Assessment Results for the Tacoma Close to Sounder Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
E Portland Ave to East L St	4715011101	4280	2254+00	1425 E 27TH ST	HOTEL	1	83	56	10	72	--
East L St to East G St	2076360040	4364	2269+00	1112 E 26TH ST	SF	1	260	46	10	72	--
East L St to East G St	2076360020	4376	2270+00	1106 E 26TH ST	SF	1	248	46	10	72	--
E Portland Ave to East L St	2076370030	4345	2265+00	1211 E 26TH ST	SF	1	101	58	10	72	--
E Portland Ave to East L St	4715010600	4342	2265+00	1220 PUYALLUP AV	HOTEL	1	193	53	10	72	--
East G St to East D St	2076240011	4471	2293+00	2611 EAST E ST	HOTEL	1	331	51	10	72	--
E Portland Ave to East L St	4715010850	4310	2260+00	1320 E 26TH ST	SF	1	227	48	10	72	--
East G St to East D St	2075210034	4493	2293+00	3520 214TH PL SE	MF	115	134	24	10	72	--

Table F-21 Detailed Vibration Assessment Results for the Tacoma 26th Street Alternative

Receiver Area	Pierce County Parcel Number	Sound Transit Right-of-Way ID	Track Station Number	Receiver Street Address	Receiver Land Use Type	# of Units Represented	Distance to Building (ft)	Predicted Vibration Level (VdB)	Max 1/3-Octave Band (Hz)	Vibration Limit (VdB)	Vibration Exceedance Amount (VdB)
E Portland Ave to East L St	4715011101	4280	2254+00	1425 E 27TH ST	HOTEL	1	157	54	10	72	--
East L St to East G St	2076360040	4364	2269+00	1112 E 26TH ST	SF	1	252	46	10	72	--
East L St to East G St	2076360020	4376	2270+00	1106 E 26TH ST	SF	1	240	46	10	72	--
E Portland Ave to East L St	2076370030	4345	2265+00	1211 E 26TH ST	SF	1	93	58	10	72	--
E Portland Ave to East L St	4715010600	4342	2265+00	1220 PUYALLUP AV	HOTEL	1	201	53	10	72	--
East G St to East D St	2076240011	4471	2293+00	2611 EAST E ST	HOTEL	1	41	64	40	72	--
E Portland Ave to East L St	4715010850	4310	2260+00	1320 E 26TH ST	SF	1	223	46	10	72	--
East G St to East D St	2075210034	4493	2293+00	3520 214TH PL SE	MF	115	424	24	10	72	--

ATTACHMENT G

Traffic Noise Assessment

(OMFS Phase III Highway Traffic Noise Study)

Cross-Spectrum Acoustics

Cross-Spectrum Acoustics Inc.

Massachusetts

Utah

California

TECHNICAL MEMORANDUM

To: MarySue Abel and Pablo Lopez-Hilfiker, HDR, Inc.

From: Judy Rochat, Roberto Della Neve, and Lance Meister, Cross-Spectrum Acoustics Inc.

Date: September 19, 2024

Project Reference: J2019-1351 – OMFS Phase III Highway Noise

Subject: Highway Traffic Noise Study

This technical memorandum serves as the highway noise study for the Operations and Maintenance Facility South (OMFS) Phase III, specifically the Preferred Alternative (PA). Washington State Department of Transportation (WSDOT) Traffic Noise Policy and Procedures,[1] which applies FHWA methodology with State-specific parameters, explains how WSDOT policies and procedures apply 23CFR772, Federal Regulations that apply to projects receiving federal aid. This noise study follows WSDOT methodologies for a typical highway study and applies special WSDOT-approved criteria for defining noise impacts and abatement design to the rail project.

Highlights:

- *Noise impacts and abatement were considered for two scenarios: 1) for the rail project only; and 2) for the proposed rail project combined with a separate proposed highway project, City Center Access Project (CCAP).*
- *With the rail project (OMFS) only, a new noise wall is designed to ensure traffic noise levels will not increase compared to the future no-build case (new noise wall replaces wall and berm to be removed as part of the rail project).*
- *With the combined rail (OMFS) and highway CCAP projects, the wall designed for the OMFS-only scenario is applied and modifications considered to prevent additional impacts from both projects (impacts in this scenario based on the FHWA/WSDOT absolute highway traffic noise thresholds).*

1. PROJECT DESCRIPTION

The OMFS Project would construct and operate a light rail maintenance facility in the South Corridor of Sound Transit's service district. In June 2024, the Sound Transit Board of Directors selected the Preferred Alternative as the project to be built. The Preferred Alternative would include construction of about 1.4 miles of mainline track adjacent to Interstate 5 (I-5). Between the S 320th Street interchange and S 336th Street, an existing earthen berm (adjacent to the Belmor Park Manufactured Home Community) transitions to a highway noise wall extending both north and south of the berm, all helping to reduce noise in the nearby communities. As part of construction of the mainline for the OMF South project, the berm would be removed. To the south of the berm, a segment of the noise wall would be removed, leaving the portion 400 feet north of S 333rd Street and extending south to S 336th Street. In addition, multiple first-row homes would be removed. Removal of these noise reduction elements (i.e., berm, walls, homes) warrants assessment of highway traffic noise impacts in nearby communities.

Figure 1 shows the project area, with the light rail track centerlines indicated in purple and light green. Highway traffic noise was examined for noise-sensitive land uses within the noise study area (outlined in the figure, area defined by potential changes in noise due to removal of section of highway noise wall), with a more granular examination in the vicinity of the noise wall section proposed to be removed.

1.1. NO-BUILD CONDITION

The No-Build condition does not include construction of the Proposed Project for light rail.

1.2. BUILD CONDITION

The Build condition includes construction of the Preferred Alternative for light rail. Note that rail operational noise is not included in a highway noise analysis. There are two conditions for Build studied as part of the highway noise assessment: 1) OMF South built without the City Center Access Project (CCAP) constructed; and 2) OMF South built with CCAP constructed. These are referred to as Scenario 1 and Scenario 2 throughout this report.

[1] *Traffic Noise Policy and Procedures*, Washington State Department of Transportation, 2020.

Figure 1. Highway noise study area

1.3. CCAP AS IT RELATES TO PROPOSED PROJECT

CCAP proposes a new interchange with roundabouts and a new bridge over I-5 at S 324th Street. Other elements include new and improved access for vehicles on S 324th Street and S 320th Street to and from I-5, bike lanes, and improved pedestrian access. Due to highway modifications, existing noise walls and berms would be removed and potentially replaced by noise walls adjacent to the highway for the section of interest to the OMFS Proposed Project. The CCAP noise study (Michael Minor & Associates, November 2021) found that, due to required highway widening and removal of the berm and noise walls, there were multiple impacts in the noise study area. The noise study discussed three options for noise abatement: 1) new noise wall along I-5; 2) mostly new noise wall along I-5, incorporating 300 feet of existing wall near 336th Street; and 3) accounting for the OMFS on-fill track and rail project noise walls in combination with a new noise wall near 336th Street, where there are planned aerial tracks. This report investigates a fourth option using the Preliminary Engineering design from OMFS to model the highway noise abatement considering the rail project structures, terrain modifications, and removal of existing homes (receivers). The noise abatement considered for Scenario 2 is that designed for the OMFS-only analysis (this report's Scenario 1), with modifications considered based on FHWA/WSDOT criteria.

Note that CCAP requires removal of the existing noise wall on the north end of the OMFS noise study area and extending much farther south than the removal of the southern existing noise wall for the proposed rail project. This analysis does not consider replacement of walls that are not affected by the OMF South project construction.

2. METHODOLOGY

The Federal Transit Administration (FTA) provides guidance for evaluating noise for rail transit projects that involve changes to existing highway noise barriers. The Proposed Project is such a case, and a highway noise analysis following WSDOT procedures is applied based on the FTA Guidance Manual.[2] WSDOT follows the Federal Highway Administration (FHWA) procedures outlined in the Code of Federal Regulations. A traffic noise analysis will allow Sound Transit to understand the impact of modifying the existing highway noise abatement and the removal of homes to accommodate the rail line.

This section describes the impact criteria, analysis and modeling procedures applied to the highway noise analysis for the Proposed Project, and the noise study area.

2.1. REGULATORY SETTING AND IMPACT CRITERIA

There are two sets of criteria that are applied to Scenario 1 and Scenario 2.

<u>Scenario 1: Rail project only</u>

The impact criteria applicable to Scenario 1 is defined as any future noise level exceeding the No Build condition. In other words, with the rail project constructed, the highway traffic noise levels should be no greater than the future highway traffic noise levels without the rail project constructed. As such, the future highway traffic noise levels without the rail project define the impact criteria for noise sensitive land uses. These criteria were agreed to in a joint South Transit and WSDOT meeting in March 20, 2024.

<u>Scenario 2: Rail project in combination with CCAP</u>

Scenario 2 follows typical highway project criteria. The FHWA criterion applicable for residences is an exterior hourly equivalent sound level (L_{eq}) that approaches or exceeds 67 dBA. The residential criterion, along with the Noise Abatement Criteria (NAC) for other land uses are shown in Table 1. WSDOT considers a predicted sound level of 1 dBA below the NAC as sufficient to satisfy the condition of

[2] U.S. Department of Transportation (USDOT), Federal Transit Administration (FTA), Office of Planning and Environment, *Transit Noise and Vibration Impact Assessment Guidance Manual*, FTA Report No. 0123. September 2018.

"approach," or approaching the NAC, required by FHWA for all land use categories. For example, where the NAC is 67 dBA for outdoor use at a residence, a noise level of 66 dBA is considered an impact. Receivers are also considered impacted when the worst hourly traffic noise is predicted to increase 10 dBA ("substantial increase") or more between the Existing and Build Conditions.

The FHWA land use categories applicable to this analysis are Category B, for single and multi-family units, and Category C for a park. Under FHWA policy, the noise impact criteria is applicable to frequently used exterior areas, for example, a back-yard deck or patio at a residence or a path or viewing area at a park.

Table 1. Activity Categories and Noise Abatement Criteria (23 CFR 772)

Activity Category	NAC L_{eq}[h][1] FHWA	NAC L_{eq}[h][1] WSDOT	Evaluation Location	Description of Activities
A	57	56	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[2]	67	66	Exterior	Residential (single and multi-family units).
C[2]	67	66	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	51	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E	72	71	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties, or activities not included in A–D or F.
F				Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G				Undeveloped lands that are not permitted.

[1] The L_{eq}(h) activity criteria values are for impact determination only and are not design standards for noise abatement measures. All values are A-weighted decibels (dBA).

[2] Includes undeveloped lands permitted for this activity category.

2.2. ANALYSIS AND MODELING PROCEDURES

For the noise analysis, there are four major steps listed below and with details for each following the list:

1. Establish existing noise
2. Predict future noise for the No-Build and Build cases

3. Determine highway traffic noise impacts
4. Conduct traffic noise abatement analysis

2.2.1. Establish Existing Noise

Existing noise in the noise study area is established based on the existing noise FHWA Traffic Noise Model (TNM) version 2.5 case used for the CCAP noise analysis. The TNM case is modified to include homes in the analysis farther from the highway, which were not included for CCAP due to line-of-sight blockage from other rows of homes that will be removed by OMFS. In addition, receivers were divided into individual units closer to the highway to provide more granular results. Each noise-sensitive land use/receptor or group of receptors is represented by a TNM receiver, provided it is in an area of frequent human use. Traffic data and all other modeling elements (e.g., roadways, terrain, etc.) for the CCAP existing noise case is valid for the OMFS analysis.

Note that the CCAP existing noise case was validated with CCAP noise measurements taken in the Proposed Project area. Once an existing case was built in TNM, predicted sound levels were compared to those measured, applying traffic data input as collected during noise measurements. The CCAP study found that the modeled and measured results agreed within +/- 2 dBA (a WSDOT requirement) at all five locations in the CCAP noise study area.

2.2.2. Predict Future Noise for No-Build and Build Cases

No-Build future noise is based on the CCAP predicted future noise (for 2045) using TNM for the No-Build case (no constructed highway changes). Sound levels from this case are used to establish future No-Build noise for the OMFS. At this time, CCAP is a proposed project in the environmental documenting and permitting review phase (not yet approved for construction).[3] Traffic data and all other modeling elements (e.g., roadways, terrain, etc.) for the CCAP case is valid for the OMFS No-Build analysis. The predicted No-Build future noise is applied to both Scenario 1 and Scenario 2.

There are two cases for the OMFS Build condition:

- Scenario 1: the OMFS design is added to the CCAP future No-Build case (OMFS Build, CCAP No-Build). Traffic data and all other modeling elements (e.g., roadways, terrain, etc.) for the CCAP cases are valid for the OMFS analysis, except as modified by OMFS track structures.
- Scenario 2: OMFS and CCAP are both constructed. The OMFS design is added to the CCAP future case to predict future noise (this case allows for prediction of sound levels with both OMFS and CCAP built). This scenario accounts for changes in the sound propagation path from the highway to the nearby community based on the completion of both projects. This case also assumes the following: 1) the northern existing noise wall as seen in Figure 1 is removed due to the CCAP project; and 2) a noise wall is assumed to be constructed by CCAP, equivalent to the southern existing noise wall (existing wall as seen in Figure 1 would be removed due to CCAP). The equivalent wall is included in the Scenario 2 TNM case and has the same parameters as the existing wall from the Scenario 1 case (shifted slightly west at the northern end to accommodate the CCAP highway shoulder/lanes). The assumption of including a CCAP noise wall to replace the southern existing noise wall is necessary to not erroneously assign impacts to OMFS+CCAP that are purely CCAP-related.

2.2.3. Determine Highway Traffic Noise Impacts

Scenario 1 is compared to future No-Build levels.

For the purpose of determining how the Scenario 1 noise wall would need to change with CCAP included, the Scenario 2 predicted noise levels are compared to the WSDOT noise abatement criteria

[3] https://www.cityoffederalway.com/page/city-center-access-project

(NAC). Comparing to the NAC, an impact is identified if the noise equals or exceeds 66 dBA for residential land uses and for a park.

2.2.4. Conduct Traffic Noise Abatement Analysis

If and where potential impacts are identified for Scenario 1, TNM is used to design a noise wall to reduce levels to the future No-Build levels.

If and where potential noise impacts are identified for Scenario 2, TNM is used to modify the Scenario 1 noise wall (heights) to eliminate impacts.

Walls for both Scenarios are then compared to determine recommended changes, if any, with the construction of CCAP.

2.3. NOISE STUDY AREA

The noise study area (as identified with white outline in Figure 1) is large enough to account for and include all potential noise sensitive properties within the Proposed Project area.

Along I-5 between S 320th Street and S 336th Street, two communities are potentially affected by removal of the berm, portions of the walls (south of berm), and first-row homes currently providing highway traffic noise reduction. The highway noise study area (NSA) encompasses land uses out to approximately 500 feet west of I-5, which includes the Belmor Park Manufactured Home Community and the community nearby. Bounding to the south, the NSA extends approximately 500 feet south of S 333rd Street, which includes single family homes, apartments, and a park (highway noise unaffected farther south). Distances past 500 ft are considered in the Belmor Park area due to proposed acquisitions of mobile homes as part of the OMFS, which could allow direct line-of-sight from homes to the highway at farther distances than existing conditions. With direct line-of-sight, distances beyond 500 ft should be considered in the NSA.

Modeling receivers are shown in Figure 2 and listed in the traffic noise level summary tables in Section 3. The receivers included in the analysis are those that are potentially affected by the OMFS, this includes consideration of acquisitions due to the project. The receiver identifications are those used for CCAP (SW-xx), with four new receivers added (SW-x-2023) and dividing several of the receivers into individual units (e.g., SW-xxa, SW-xxb, etc.). The 55 receivers included in this analysis represent 120 single and multi-family residences and one park. The tables in Section 3 show the number of units (receptors) represented by each modeling receiver. Note that for the Cedar Grove Park (SW-45), the number of units is represented by a residential equivalence of 3.1 units, as calculated for the CCAP study.[4]

[4] *City Center Access Project Noise Impact Analysis*, Prepared for City of Federal Way by Michael Minor & Associates, November 2021.

Figure 2. Modeling Receivers

3. NOISE LEVELS SUMMARY

This section lists sound levels for Existing, future No-Build, and future Build cases for Scenario 1 and Scenario 2.

3.1. NOISE IMPACT SUMMARY- SCENARIO 1

Considering a build condition with only OMFS (no CCAP) constructed, noise impacts based on exceedance of future No-Build sound levels are identified at multiple locations in the rail project area. This is expected due to the removal of the noise wall and berm adjacent to the Belmor Mobile Home Park and removal of first-row homes. In some cases, the noise is reduced with OMFS constructed, since the track structure interferences with highway traffic noise propagation, lowering the sound level. Sound levels with a new noise wall that eliminates the impacts are also shown in the table, with the noise wall design discussed in Section 4.1.

3.2. NOISE IMPACT SUMMARY – SCENARIO 2

Considering a build condition with both OMFS and CCAP constructed, noise impacts are identified at multiple receivers (recall that with Scenario 2, impacts are defined at 66 dBA or greater, which follows the same criteria applied to CCAP). The noise impacts are residences at Belmor Mobile Home Park, where existing shielding from highway noise walls and berms and first-row homes will be removed under the OMFS Build conditions. The impacts are at sound levels ranging from 66 to 71 dBA, meeting/exceeding the noise abatement criterion of 66 dBA. There are no impacts qualifying as a substantial increase (10+ dB higher than existing noise). Sound levels with the Scenario 1-designed noise wall eliminate all impacts, so the wall requires no modifications for Scenario 2 (noise wall design is discussed in Sections 4.1 and 4.2).

Table 2. Traffic Noise Levels – Scenario 1 (OMFS only)

Receiver	Land Use[a]	Units[b]	Existing (2017) L_{eq} (dBA)[c]	No-Build Alternative (2045) L_{eq} (dBA)[c] / Criteria[d]	Build Alternative (2045) L_{eq} (dBA)[c]	Build Alternative vs No-Build / Criteria (dBA)[e]	Build Alternative with barrier (2045) L_{eq} (dBA)[c]	Build Alternative with barrier vs No-Build / Criteria (dBA)[e]
SW-3	B	3	56	61	61	0	61	0
SW-4	B	3	58	62	63	**1**	62	0
SW-5	B	4	58	62	62	0	62	0
SW-6	B	4	56	59	59	0	59	0
SW-7a	B	1	58	59	59	0	59	0
SW-7b	B	1	57	58	58	0	58	0
SW-7c	B	1	56	57	58	**1**	57	0
SW-7d	B	1	55	57	57	0	57	0
SW-8	B	4	57	59	59	0	59	0
SW-9	B	4	58	59	59	0	59	0
SW-21	B	1	63	64	67	**3**	63	-1
SW-22	B	1	61	62	66	**4**	62	0
SW-23	B	1	62	62	66	**4**	62	0
SW-24	B	1	63	64	67	**3**	64	0
SW-25	B	1	61	62	64	**2**	62	0
SW-26	B	1	61	62	62	0	61	-1
SW-32	B	4	55	57	57	0	57	0
SW-33	B	6	56	58	59	**1**	58	0
SW-34	B	7	58	59	59	0	59	0
SW-35	B	4	56	57	57	0	57	0
SW-36	B	3	56	57	58	**1**	57	0
SW-38b	B	1	61	62	66	**4**	62	0
SW-39a	B	1	59	60	63	**3**	60	0
SW-39b	B	1	60	61	64	**3**	60	-1
SW-39c	B	1	60	61	64	**3**	61	0

Receiver	Land Use[a]	Units[b]	Existing (2017) L_{eq} (dBA)[c]	No-Build Alternative (2045) L_{eq} (dBA)[c] / Criteria[d]	Build Alternative (2045) L_{eq} (dBA)[c]	Build Alternative vs No-Build / Criteria (dBA)[e]	Build Alternative with barrier (2045) L_{eq} (dBA)[c]	Build Alternative with barrier vs No-Build / Criteria (dBA)[e]
SW-39d	B	1	60	61	65	**4**	61	0
SW-39e	B	1	60	61	64	**3**	61	0
SW-39f	B	1	60	61	64	**3**	61	0
SW-39g	B	1	60	61	63	**2**	60	-1
SW-39h	B	1	61	62	63	**1**	60	-2
SW-40a	B	1	62	63	62	-1	60	-3
SW-40b	B	1	62	62	62	0	60	-2
SW-40c	B	1	64	64	64	0	61	-3
SW-40d	B	1	64	65	64	-1	61	-4
SW-40e	B	1	63	64	64	0	61	-3
SW-40f	B	1	65	65	66	**1**	62	-3
SW-40g	B	1	64	65	65	0	62	-3
SW-40h	B	1	63	64	65	**1**	61	-3
SW-41	B	9	64	64	65	**1**	62	-2
SW-42	B	7	62	62	68	**6**	62	0
SW-43	B	1	61	61	66	**5**	61	0
SW-44	B	1	62	63	64	**1**	62	-1
SW-45	C	3.1	61	62	62	0	61	-1
SW-46	B	6	62	62	61	-1	61	-1
SW-47	B	9	62	63	62	-1	61	-2
SW-1-2023	B	4	55	56	56	0	55	-1
SW-2-2023	B	7	55	56	56	0	55	-1
SW-3-2023a	B	1	57	58	59	**1**	57	-1
SW-3-2023b	B	1	55	56	57	**1**	55	-1
SW-3-2023c	B	1	56	57	58	**1**	56	-1
SW-3-2023d	B	1	57	58	58	0	57	-1

Receiver	Land Use[a]	Units[b]	Existing (2017) L_{eq} (dBA)[c]	No-Build Alternative (2045) L_{eq} (dBA)[c] / Criteria[d]	Build Alternative (2045) L_{eq} (dBA)[c]	Build Alternative vs No-Build / Criteria (dBA)[e]	Build Alternative with barrier (2045) L_{eq} (dBA)[c]	Build Alternative with barrier vs No-Build / Criteria (dBA)[e]
SW-3-2023e	B	1	57	58	59	**1**	57	-1
SW-3-2023f	B	1	58	59	59	0	57	-2
SW-3-2023g	B	1	58	58	58	0	57	-1
SW-4-2023	B	2	62	63	70	**7**	63	0

[a]FHWA land use: see Table 1.
[b]Number of dwelling represented by each receiver.
[c] L_{eq} peak hour noise levels (dBA) for condition stated.
[d]WSDOT and Sound Transit applicable criteria, not to exceed future No-Build traffic noise levels.
[e]Change in noise: Build (OMFS only) compared to No-Build. **Bold red** font used to indicate noise level impacts (Build exceeding future No Build). Note there is no increase above future No-Build levels with the designed barrier in place.

Table 3. Traffic Noise Levels – Scenario 2 (OMFS+CCAP)

Receiver	Land Use[a]	Units[b]	Existing (2017) L_{eq} (dBA)[c]	No-Build Alternative (2045) L_{eq} (dBA)[c]	Criteria L_{eq} (dBA)[d]	Build Alternative (2045) L_{eq} (dBA)[c,e]	Number of Impacts	Build Alternative with barrier (2045) L_{eq} (dBA)[c,e]	Number of Impacts with Barrier
SW-3	B	3	56	61	66	62	0	61	0
SW-4	B	3	58	62	66	63	0	63	0
SW-5	B	4	58	62	66	62	0	62	0
SW-6	B	4	56	59	66	63	0	62	0
SW-7a	B	1	58	59	66	62	0	62	0
SW-7b	B	1	57	58	66	61	0	61	0
SW-7c	B	1	56	57	66	61	0	61	0
SW-7d	B	1	55	57	66	61	0	61	0
SW-8	B	4	57	59	66	61	0	61	0
SW-9	B	4	58	59	66	60	0	60	0
SW-21	B	1	63	64	66	**68**	1	63	0

Receiver	Land Use[a]	Units[b]	Existing (2017) L_{eq} (dBA)[c]	No-Build Alternative (2045) L_{eq} (dBA)[c]	Criteria L_{eq} (dBA)[d]	Build Alternative (2045) L_{eq} (dBA)[c,e]	Number of Impacts	Build Alternative with barrier (2045) L_{eq} (dBA)[c,e]	Number of Impacts with Barrier
SW-22	B	1	61	62	66	**66**	1	62	0
SW-23	B	1	62	62	66	**66**	1	63	0
SW-24	B	1	63	64	66	**67**	1	64	0
SW-25	B	1	61	62	66	64	0	62	0
SW-26	B	1	61	62	66	62	0	61	0
SW-32	B	4	55	57	66	58	0	57	0
SW-33	B	6	56	58	66	59	0	58	0
SW-34	B	7	58	59	66	60	0	59	0
SW-35	B	4	56	57	66	59	0	58	0
SW-36	B	3	56	57	66	60	0	59	0
SW-38b	B	1	61	62	66	**71**	1	65	0
SW-39a	B	1	59	60	66	**68**	5	60	0
SW-39b	B	1	60	61	66	**70**	1	61	0
SW-39c	B	1	60	61	66	**71**	1	62	0
SW-39d	B	1	60	61	66	**71**	1	63	0
SW-39e	B	1	60	61	66	**71**	1	65	0
SW-39f	B	1	60	61	66	**70**	1	61	0
SW-39g	B	1	60	61	66	**70**	1	61	0
SW-39h	B	1	61	62	66	**68**	1	61	0
SW-40a	B	1	62	63	66	64	0	60	0
SW-40b	B	1	62	62	66	64	0	60	0
SW-40c	B	1	64	64	66	65	0	61	0
SW-40d	B	1	64	65	66	**66**	1	62	0
SW-40e	B	1	63	64	66	65	0	61	0
SW-40f	B	1	65	65	66	**67**	1	62	0
SW-40g	B	1	64	65	66	**66**	1	62	0
SW-40h	B	1	63	64	66	**66**	1	62	0

Receiver	Land Use[a]	Units[b]	Existing (2017) L_{eq} (dBA)[c]	No-Build Alternative (2045) L_{eq} (dBA)[c]	Criteria L_{eq} (dBA)[d]	Build Alternative (2045) L_{eq} (dBA)[c,e]	Number of Impacts	Build Alternative with barrier (2045) L_{eq} (dBA)[c,e]	Number of Impacts with Barrier
SW-41	B	9	64	64	66	**67**	9	62	0
SW-42	B	7	62	62	66	**68**	7	63	0
SW-43	B	1	61	61	66	**66**	1	61	0
SW-44	B	1	62	63	66	64	0	62	0
SW-45	C	3.1	61	62	66	62	0	61	0
SW-46	B	6	62	62	66	62	0	61	0
SW-47	B	9	62	63	66	62	0	61	0
SW-1-2023	B	4	55	56	66	58	0	57	0
SW-2-2023	B	7	55	56	66	58	0	56	0
SW-3-2023a	B	1	57	58	66	60	0	57	0
SW-3-2023b	B	1	55	56	66	58	0	56	0
SW-3-2023c	B	1	56	57	66	59	0	57	0
SW-3-2023d	B	1	57	58	66	59	0	57	0
SW-3-2023e	B	1	57	58	66	60	0	57	0
SW-3-2023f	B	1	58	59	66	61	0	58	0
SW-3-2023g	B	1	58	58	66	60	0	58	0
SW-4-2023	B	2	62	63	66	**70**	1	63	0

[a]FHWA land use: see Table 1.
[b]Number of dwelling represented by each receiver.
[c] L_{eq} peak hour noise levels (dBA) for condition stated.
[d]WSDOT and Sound Transit applicable criteria, not to exceed absolute highway noise thresholds (66 dBA for all receivers in this noise study area).
[e]**Bold red** font used to indicate noise level impacts (Build exceeding criteria). Note there are no impacts with the designed barrier in place.

4. NOISE ABATEMENT ANALYSIS

In accordance with the current 2020 WSDOT Policy, when traffic noise impacts are identified, noise abatement measures must be considered. This includes identifying noise abatement measures that are feasible and reasonable and that are likely to be incorporated into the Proposed Project. In addition, the noise analysis must also identify noise impacts for which no apparent solution is available and an explanation of why noise abatement is not recommended.

Whenever noise impacts are expected, noise abatement measures, including noise walls and earthen berms, are evaluated. Construction of noise barriers between the roadways and the affected receivers would reduce noise levels by physically blocking the transmission of traffic-generated noise. Noise barriers should be high enough to break line-of-sight between the noise source and the receiver. They must be long enough to prevent significant flanking of noise around the ends of the barriers. Due to limited right-of-way within the study area, only noise walls (not berms) are considered for noise abatement.

For Scenario 1, a wall was designed to reduce noise to future No-Build levels or below (with OMFS constructed). For Scenario 2, the Scenario 1-designed wall reduces noise to levels below the noise abatement criteria of 66 dBA (with both OMFS and CCAP constructed).

4.1. NOISE ABATEMENT MEASURES - SCENARIO 1

With construction of OMFS only, impacts are identified at multiple locations in the project area (see red font exceedances of future No-Build sound levels in Table 2). A highway noise wall is considered to address the impacts. The new noise wall is defined in Table 4. The top of barrier elevations are the minimum necessary to eliminate the predicted impacts; final design may modify these heights to help reduce or smooth changes in height from one segment to the next. The wall extends to overlap the northernmost end of the remaining southern existing wall and to overlap the southernmost end of the remaining northern wall/berm combination (see Figure 3).

Note that in this OMFS only case, two existing barriers remain as depicted in Figure 3. The existing barriers are not considered to be abatement noise barriers for this project. These existing barriers will not be removed unless CCAP is constructed.

Table 4. Barrier Design – Scenario 1

Station	Northing	Easting	Bottom of Wall Elevation (ft)[a]	Recommended Wall Height (ft)[b]	Top of barrier elevation (ft)
99+25.00	316,555.0860'	1,476,398.0697'	443	18	461
100+00.00	316,481.0352'	1,476,386.1755'	440	23	463
101+00.00	316,382.3008'	1,476,370.3164'	438	23	461
102+00.00	316,283.5663'	1,476,354.4574'	436	23	459
103+00.00	316,184.8319'	1,476,338.5984'	436	20	456
104+00.00	316,086.1047'	1,476,322.7020'	436	13	449
105+00.00	315,988.6073'	1,476,300.4700'	435	12	447
106+00.00	315,891.1099'	1,476,278.2381'	434	11	445
107+00.00	315,793.6125'	1,476,256.0062'	433	10	443
108+00.00	315,696.1151'	1,476,233.7742'	432	10	442
109+00.00	315,598.6177'	1,476,211.5423'	430	10	440
110+00.00	315,501.1203'	1,476,189.3104'	426	11	437
111+00.00	315,403.6229'	1,476,167.0784'	422	12	434
112+00.00	315,306.1256'	1,476,144.8465'	418	14	432
113+00.00	315,208.6282'	1,476,122.6146'	414	15	429
114+00.00	315,111.1308'	1,476,100.3826'	411	18	429
115+00.00	315,013.6334'	1,476,078.1507'	409	18	427
116+00.00	314,916.1360'	1,476,055.9188'	408	18	426
117+00.00	314,818.6386'	1,476,033.6868'	407	17	424
118+00.00	314,721.1412'	1,476,011.4549'	406	15	421
119+00.00	314,623.6438'	1,475,989.2229'	402	17	419
120+00.00	314,526.1464'	1,475,966.9910'	400	17	417
121+00.00	314,429.1340'	1,475,942.7302'	394	16	410
122+00.00	314,332.1223'	1,475,918.4664'	391	12	403
122+56.37	314,277.4368'	1,475,904.7890'	389	18	389

[a]Ground elevation applied in TNM analysis; update as appropriate based on ground elevation in final design.
[b]Minimum design height, based on applied ground elevation; update as appropriate based on ground elevation in final design and top of barrier elevation.

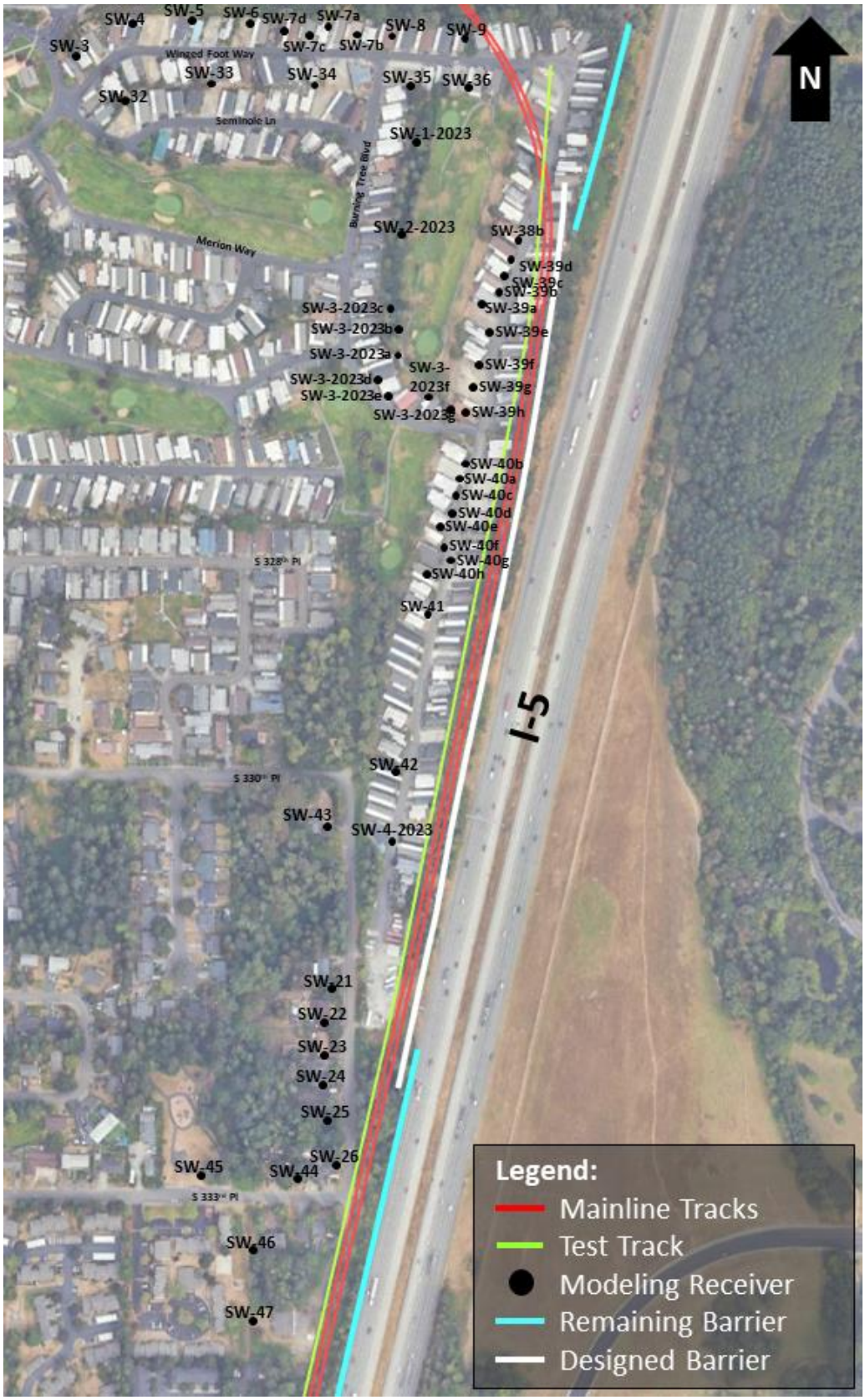

Figure 3. Designed wall to reduce noise levels below criteria

4.2. NOISE ABATEMENT MEASURES - SCENARIO 2

With construction of both OMFS and CCAP, impacts are identified at first-row residences in the Belmor Mobile Home Park. The Scenario 1 noise wall was inserted to address the impacts. Modifications to the Scenario 1-designed highway noise wall were not necessary, since all potential impacts for Scenario 2 were eliminated with the Scenario 1 wall in place. Recall that it is assumed that CCAP will replace the southern existing noise wall as seen in Figure 1 with an equivalent noise wall.

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

ECOSYSTEM RESOURCES TECHNICAL REPORT

Appendix J4

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Attachments

(available on the project website or USB Flash Drive attached to the Draft EIS)

Attachment A Wetland Delineation Methodology

Attachment B Sound Transit's Stream Habitat Assessment Guidelines

Attachment C Wetland and Stream Background Research Information

Attachment D Wetland Determination Forms

Attachment E Wetland Rating Forms

Attachment F Ground Photography

Attachment G Common and Scientific Names of Animals and Plants

Acronyms and Abbreviations

Belmor	Belmor Mobile Home Park
B-IBI	benthic index of biotic integrity
BMP	best management practice
CFR	Code of Federal Regulations
Corps	U.S. Army Corps of Engineers
CWA	Clean Water Act
Ecology	Washington State Department of Ecology
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FR	Federal Register
FWHCA	fish and wildlife habitat conservation area
GIS	geographic information system
GPS	global positioning system
HPA	Hydraulic Project Approval
I-5	Interstate 5
LWD	large woody debris
MMPA	Marine Mammal Protection Act
NEPA	National Environmental Policy Act
NMFS	National Marine Fisheries Service
NPDES	National Pollutant Discharge Elimination System
NRCS	U.S. Department of Agriculture Natural Resources Conservation Service
NWI	National Wetlands Inventory
OHWM	ordinary high water mark
OMF South	Operations and Maintenance Facility South
PEM	palustrine emergent
PFO	palustrine forested
PGIS	pollution-generating impervious surface
PHS	Priority Habitats and Species
PSS	palustrine scrub-shrub
RCW	Revised Code of Washington
SEPA	Washington State Environmental Policy Act
SR	State Route
SWPPP	stormwater pollution prevention plan
TDLE	Tacoma Dome Link Extension
TESC	Temporary Erosion and Sediment Control
TMDL	total maximum daily load
UGA	Urban Growth Area
USFWS	U.S. Fish and Wildlife Service
WAC	Washington Administrative Code
WDFW	Washington Department of Fish and Wildlife
WDNR	Washington Department of Natural Resources
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

The Central Puget Sound Regional Transit Authority (Sound Transit) is proposing to expand the regional light rail system south from the terminus of the Federal Way Link Extension at the Federal Way Downtown Station to the Tacoma Dome area in Tacoma. This project is known as the Tacoma Dome Link Extension (TDLE) project and shown generally on Figure J4.1-1.

This technical report addresses ecosystem components that may be affected by the project alternatives to support analyses in the Draft Environmental Impact Statement (Draft EIS). The ecosystem components addressed in this report are aquatic species and habitat; vegetation, wildlife, and wildlife habitat; wetlands; and special-status species and habitats (including threatened and endangered species; marine mammals; and natural resource areas protected under local critical areas ordinances, shoreline master programs, and/or Tribal resource regulations). This report does not include analysis of other areas (e.g., steep slopes) that are protected under critical area ordinances. For brevity, the first two components are sometimes identified as aquatic resources and terrestrial resources, respectively. This report describes the affected environment, the expected temporary construction impacts, and long-term operational impacts of the proposed alternatives, including the No-Build Alternative, on these resources. It also identifies measures intended to avoid and minimize impacts and potential compensatory mitigation for unavoidable impacts.

Analyses in this report support compliance with the National Environmental Policy Act (NEPA) and the Washington State Environmental Policy Act (SEPA). In addition, this report evaluates potential effects on species listed or proposed for listing as threatened or endangered under the Endangered Species Act (ESA), as well as critical habitat that has been designated or proposed for designation for those species. A biological assessment will be prepared to support consultation with the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Services (NMFS) as required under ESA section 7(c). The biological assessment would be prepared as the Final EIS is initiated, following the identification and/or confirmation/modification of the Preferred Alternative. The assessment would also include a review of potential effects on essential fish habitat, as required by the Magnuson-Stevens Fishery Conservation and Management Act.

This report includes several attachments that describe fieldwork methodologies and provide information to support the evaluations of ecosystem resources. Attachment A describes the wetland delineation methodology. Attachment B describes Sound Transit's Stream Habitat Assessment Guidelines. Attachment C provides background research information related to the wetland assessments. Attachment D provides wetland determination data forms, and Attachment E provides Washington State Department of Ecology (Ecology) wetland rating forms. Attachment F presents photographs of the wetlands, streams, and habitat types discussed, and Attachment G includes a list of common and scientific names of plant and animal species discussed in this report.

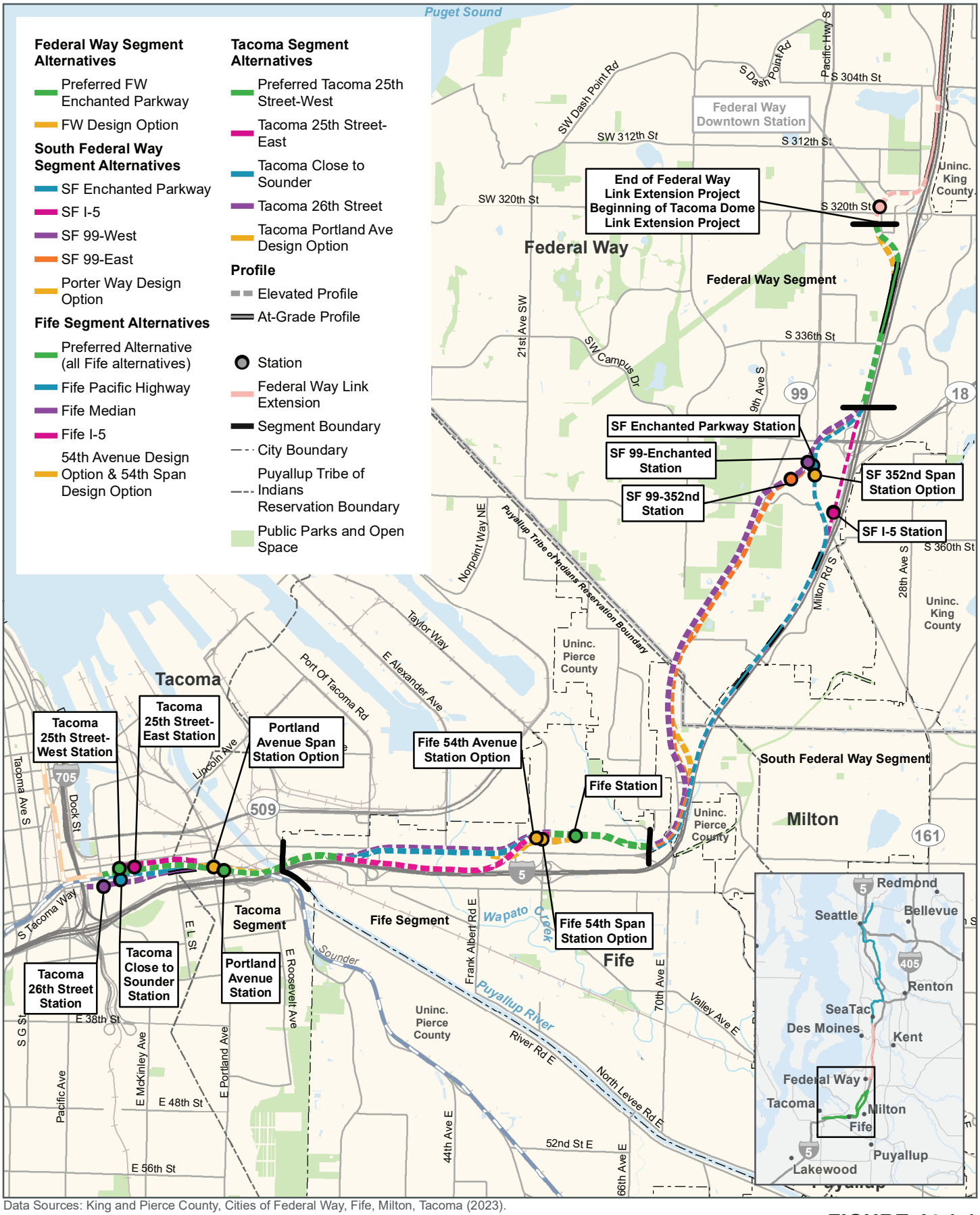

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE J4.1-1
Alternatives Evaluated in the Draft EIS
Tacoma Dome Link Extension

1.1 Tacoma Dome Link Extension

TDLE would expand the regional light rail system south from the Federal Way Downtown Station opening in 2025 – 2026, to the Tacoma Dome area near the existing Tacoma Dome Station. The alternatives under consideration for TDLE are shown in Figures J4.1-2 through J4.1-5 and discussed in detail in Chapter 2, Alternatives Considered, of the Draft EIS. Project elements include:

- Approximately 10 miles of new dedicated guideway. Most of the guideway would be elevated, and there would be no at-grade vehicle or pedestrian crossings. The guideway extends across ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), as well as the cities of Federal Way, Milton, Fife, and Tacoma, and unincorporated Pierce County.
- New stations in South Federal Way and Fife and two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome area).
- A new rail-only fixed-span bridge crossing the Puyallup River.
- New parking facilities with approximately 500 stalls each at the stations in South Federal Way and Fife in either surface or garage park-and-ride configurations. Construction of TDLE parking facilities at the stations in South Federal Way and Fife could be delayed up to 3 years after initial service opens.

1.2 Data Gathered

The following documents and data sources were reviewed to identify ecosystem features in the project vicinity, including the alternative footprints and potential mitigation sites:

1.2.1 Tribal Data Sources

- Puyallup Tribal Fisheries annual reports for salmon, steelhead, and bull trout in the Puyallup/White River Watershed (Marks et al. 2018, 2019, 2020, 2021).
- Statewide Integrated Fish Distribution web map (NWIFC 2023).

1.2.2 Federal Data Sources

- U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey maps (NRCS 2023).
- USFWS National Wetlands Inventory (NWI) website (USFWS 2023a).
- USFWS list of ESA-listed species and critical habitats (obtained via the online Information for Planning and Consultation tool) (USFWS 2023b).
- NMFS ESA species lists (NOAA 2023a).

1.2.3 State Data Sources

- Washington Department of Natural Resources (WDNR) Forest Practice Applications Review System online water typing map (WDNR 2023a).

- Washington Department of Fish and Wildlife (WDFW) Priority Habitats and Species (PHS) data (WDFW 2023a).
- StreamNet fish distribution data (StreamNet 2023).
- Species in Washington data (WDFW 2023b).
- Fish passage barrier maps from WDFW (WDFW 2023c).
- Washington Department of Fisheries catalog of Washington streams and salmon utilization (Williams et al. 1975).
- Ecology 303(d)-listed waters information (Ecology 2023).
- WDNR Washington Natural Heritage Program rare plants and high-quality ecosystems datasets (WDNR 2023b).

1.2.4 County Data Sources

- King County iMap interactive mapping tool (King County 2023).
- Pierce County Public GIS mapping tool (Pierce County 2020a).
- Aerial imagery and topographic contour data (King County 2020, Pierce County 2020b).

1.2.5 Other studies and environmental reviews

- City of Federal Way wetland inventory report (Fischer 1999).
- City of Federal Way Critical Areas Map (City of Federal Way 2016).
- Federal Way Link Extension Final EIS – Ecosystems Technical Report (Sound Transit 2016a).
- Sound Transit Operations and Maintenance Facility South (OMF South) Project – Ecosystems Technical Report (FTA and Sound Transit 2024).
- Tacoma Dome Link Extension Pre-Screening and Level 1 Alternatives Evaluation Report (Sound Transit 2019c).
- Tacoma Dome Link Extension Level 2 Alternatives Evaluation Report (Sound Transit 2019d).
- Tacoma Dome Link Extension Scoping Summary Report (Sound Transit 2019e).
- Hylebos Watershed Plan (EarthCorps 2016).
- Washington State Department of Transportation (WSDOT) State Route (SR) 167 Completion Project wetland and stream assessment for Stage 1a (WSDOT 2019) and Stage 1b (WSDOT 2020).

1.3 Related Laws, Regulations, and Guidelines

Project activities that may affect ecosystem resources in the project area are subject to the following regulations, plans, and policies:

1.3.1 Tribal

- Puyallup Tribe of Indians Tribal Code (Puyallup Tribe of Indians 2020).

- The Medicine Creek Treaty of 1854.
- The Point Elliott Treaty of 1855.

1.3.2 Federal

- The National Environmental Policy Act, ESA Section 7, and the Magnuson Stevens Fishery Conservation and Management Act (for projects that receive funding, permits, or other authorization from a federal agency).
- Sections 404, 402, and 401 of the Clean Water Act (CWA).
- Section 14 of the Rivers and Harbors Act of 1899, 33 United States Code 408 (Section 408).
- Section 9 of the Rivers and Harbors Act of 1899 (U.S. Coast Guard Bridge Permit).
- Protection of Wetlands, Presidential Executive Order 11990.
- Invasive Species, Presidential Executive Order 13112.
- Final Rule on Compensatory Mitigation for Losses of Aquatic Resources (73 Federal Register [FR] 19594, April 10, 2008 [currently under revision]).
- U.S. Army Corps of Engineers (Corps) Wetland Delineation Manual (Environmental Laboratory 1987).
- Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Version 2.0) (Corps 2010).
- Marine Mammal Protection Act (MMPA).
- Bald and Golden Eagle Protection Act.
- Migratory Bird Treaty Act.
- Coastal Zone Management Act.
- The Medicine Creek Treaty of 1854.
- The Point Elliott Treaty of 1855.

1.3.3 State

- SEPA (Chapter 43.21C Revised Code of Washington [RCW]) and implementing rules (Chapter 197-11 Washington Administrative Code [WAC]).
- Washington State Growth Management Act (Chapter 36.70A RCW).
- Shoreline Management Act (Chapter 90.58 RCW).
- Hydraulic code (Chapter 220-110 WAC).
- Protection of Wetlands, Governor’s Executive Order 89-10.
- Protection of Wetlands, Governor’s Executive Order 90-04.
- Water Pollution Control Act (Chapter 90.48 RCW).
- Wetland Mitigation in Washington State (Ecology et. al. 2006, 2021).

- Washington State Wetland Rating System for Western Washington: 2014 update, version 2.0 (Hruby and Yahnke 2023).

1.3.4 Regional and Local

- Sound Transit SEPA rules (Board Resolution No. R2018-17) and Sound Transit Environmental Policy (Board Resolution No. R2004-06).
- Sound Transit 3, the Regional Transit System Plan for Central Puget Sound (Sound Transit 2016b).
- Sound Transit Sustainability Plan (Sound Transit 2019f).
- Sound Transit Stream Habitat Assessment Guidelines (Sound Transit 2016c).
- Sound Transit EO Number 1: Establishing a Sustainability Initiative (Sound Transit 2007).
- Sound Transit Environmental Policy (Board Resolution No. R2004-06).
- Sound Transit Sustainability Plan (Sound Transit 2019f).
- City of Federal Way critical areas regulations (Federal Way Revised Code Chapter 19.145), amended July 15, 2015, current through Ordinance 19-882, passed December 3, 2019.
- City of Milton critical areas regulations (Milton Municipal Code Chapter 18.16), current through Ordinance 1979, passed December 2, 2019.
- City of Milton shoreline master program, adopted 2012.
- City of Fife critical areas regulations (Fife Municipal Code Chapter 17.05 et seq.), current through Ordinance 2020, passed December 10, 2019; and Resolution 1916, passed December 10, 2019.
- City of Fife shoreline master program, adopted July 2019.
- City of Tacoma critical areas preservation ordinance (Tacoma Municipal Code [TMC] Chapter 13.11), current through Ordinance 28636 Ex. A, passed December 3, 2019.
- City of Tacoma shoreline master program (TMC Title 19), adopted 2013, amended 2019.
- Pierce County critical areas regulations (Pierce County Code Title 18E), current through 2019-95, passed November 26, 2019.
- Pierce County shoreline master program, adopted 2015, approved by Ecology 2018.
- King County Mitigation Reserves Program – In-Lieu Fee Program Instrument (King County 2011).
- Hylebos Watershed Plan (EarthCorps 2016).

1.4 Study Areas

Sound Transit established distinct study areas for the various ecosystem resources based on proposed project footprints and areas outside the footprint that could be potentially affected by the project (e.g., nearby areas where sensitive wildlife species could be affected by noise). The project footprint consists of the construction limits (i.e., the maximum extents within which clearing, grading, and operating construction machinery would occur) for the TDLE alternatives, as well as any areas of modifications to roadways and other existing infrastructure to accommodate the proposed facilities. In addition to the project footprint, the study areas also

include specified adjacent areas that could be affected by activities within the project footprint. Study areas for each resource are described below and shown in Figure J4.1-2 to J4.1-5.

The study area for aquatic species and habitat (including streams, ESA-listed species, and other aquatic areas protected under local critical areas ordinances or locally adopted shoreline regulations) includes the project footprint and all areas within 300 feet of the project footprint. This encompasses the area within which project construction and operation could cause direct effects, could deliver sediment or pollutants to streams, and/or where vegetation clearing could affect riparian habitat quality. In the Puyallup River, the study area is extended to include all portions of the water body where noise from in-water pile driving could exceed background levels (i.e., to the first bends in the channel upstream and downstream of potential locations of in-water piers).

The study area for vegetation, terrestrial wildlife, and wildlife habitat (including ESA-listed species and areas protected under local critical areas ordinances or shoreline regulations) consists of the project footprint, plus the areas within 200 feet of the project footprint. This represents a conservative estimate of the area in which project construction and operation could affect vegetation cover and habitat quality for terrestrial wildlife. To address wildlife potentially affected by project-related noise and human activity, resource analysts also reviewed documented occurrences of sensitive wildlife species within 0.25 mile of project construction areas.

The study area for wetlands consists of the project footprint, plus the areas within 300 feet of the project footprint. This distance was selected to match the largest potential buffer width for wetlands in the area. Wetlands evaluated include those features that are wholly or partly within the study area.

1.5 Summary of Key Findings

Streams, wetlands, and vegetation cover provide ecosystem functions to varying degrees throughout the study area. Under any of the project alternatives, direct long-term impacts on ecosystem resources would occur where permanent features such as project facilities overlap features such as streams, stream buffers, structurally complex vegetation, wetlands, or wetland buffers. Temporary, construction-related impacts would occur where such features are affected by clearing and ground-disturbing work but are revegetated following construction.

The following subsections summarize key findings about the potential impacts of the alternatives on ecosystem resources, as well as plans and commitments for avoiding, minimizing, and mitigating adverse impacts.

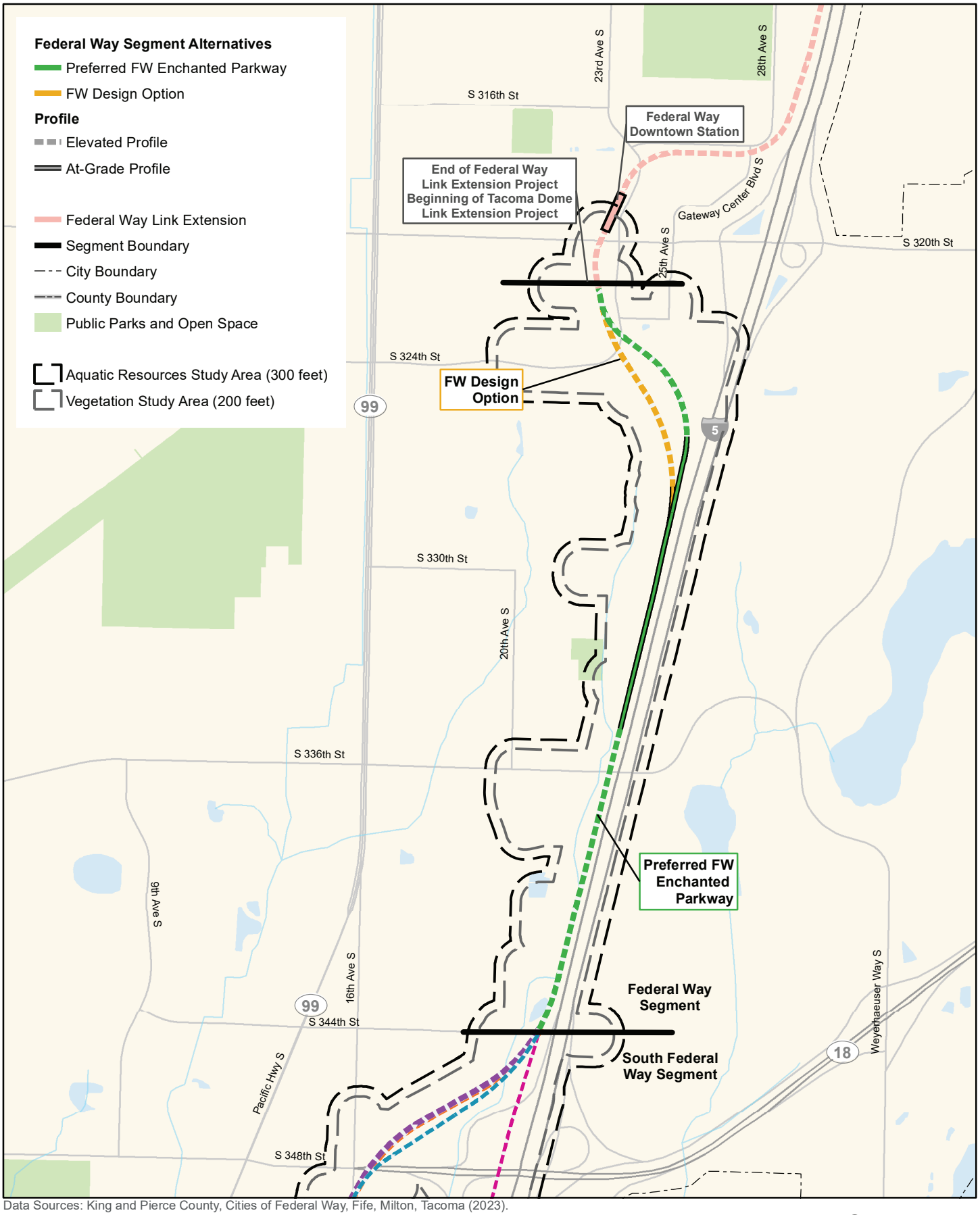

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J4.1-2
Study Area
Federal Way Segment
Tacoma Dome Link Extension

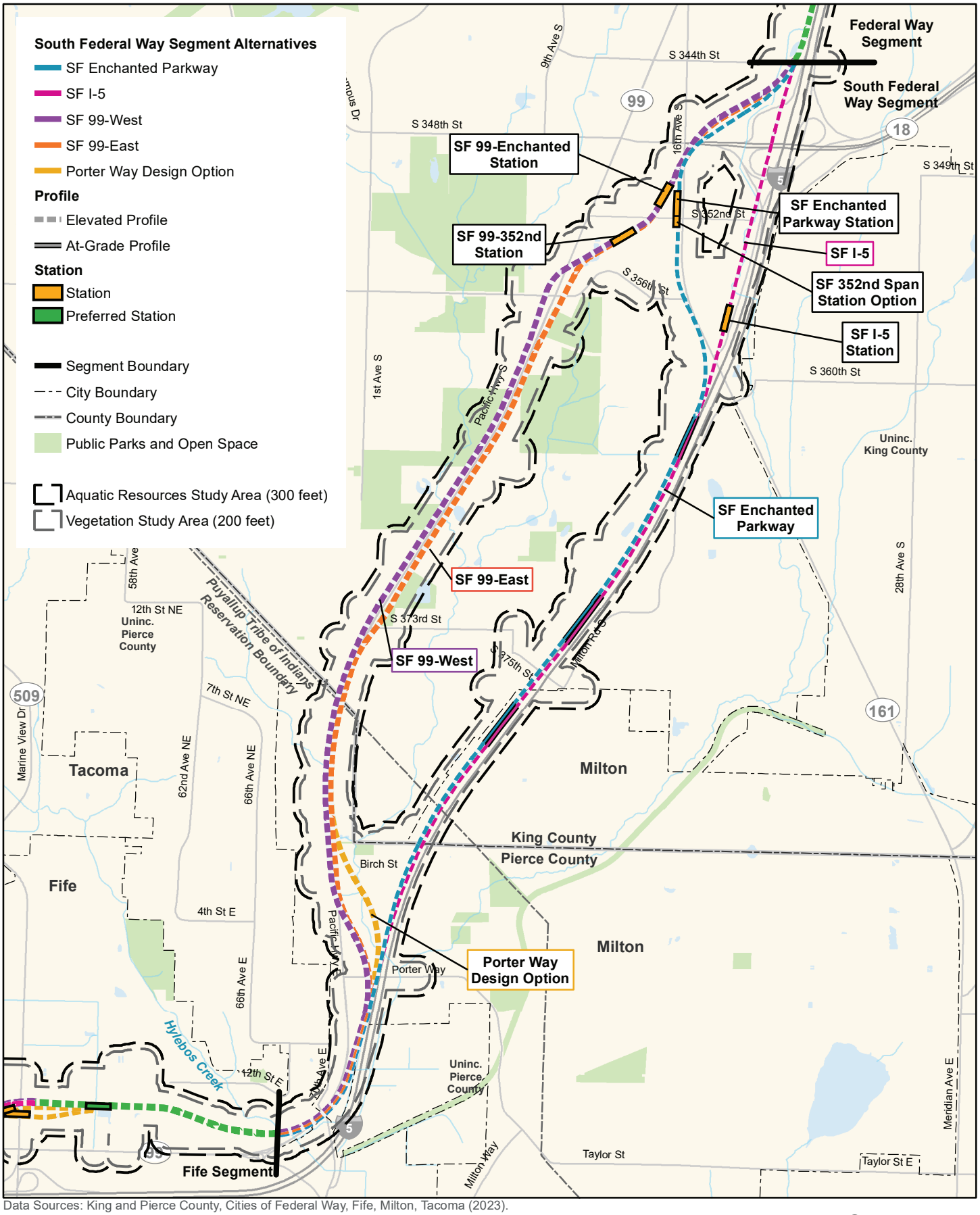

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J4.1-3
Study Area
South Federal Way Segment

Tacoma Dome Link Extension

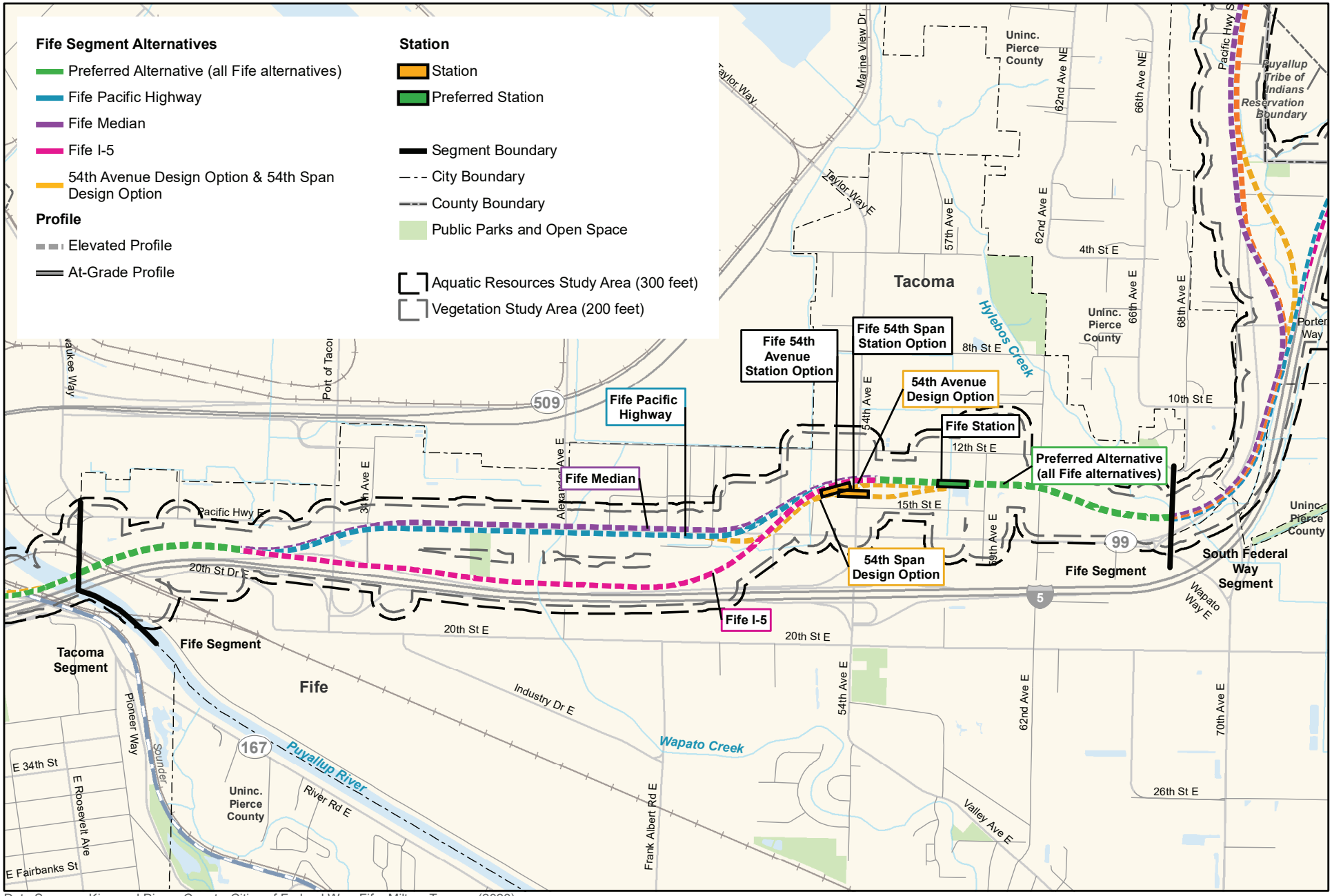

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J4.1-4
Study Area
Fife Segment

Tacoma Dome Link Extension

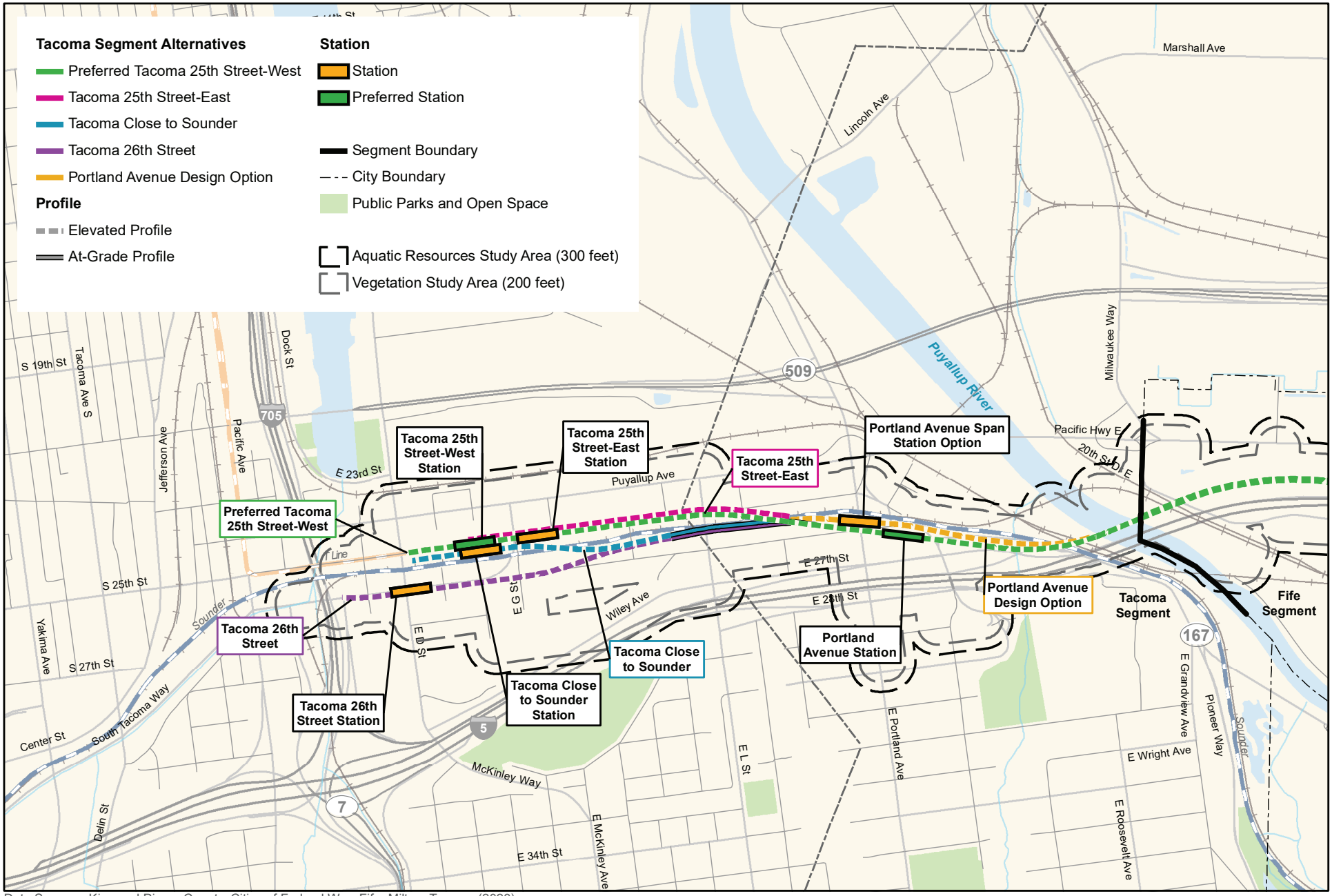

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J4.1-5
Study Area
Tacoma Segment

Tacoma Dome Link Extension

1.5.1 Aquatic Species and Habitats

The TDLE alternatives would cross or otherwise affect 16 streams and associated riparian habitat in the study area. The construction of light rail guideways and other facilities could permanently alter in-stream and riparian habitat in areas where such structures run close to or cross streams. Stormwater runoff from impervious surfaces may degrade water quality and modify flow regimes in some streams. In addition, shade from structures placed over streams may affect the behavior of fish in affected stream segments. Temporary impacts would include an elevated risk of delivering sediment or contaminants to streams during construction activities, as well as reduced riparian function in areas that are cleared for construction and subsequently restored.

Sound Transit has committed to minimizing the need to place existing streams in new culverts and has designed the TDLE alternatives to avoid new stream piping whenever possible. In most areas near streams, the guideway would be on elevated structures that would not require any permanent modifications to the streambed or bank. If any culverts on fish-bearing or potentially fish-bearing streams must be replaced, or if any new culverts need to be installed, the new or replacement structures would be designed and installed in accordance with WDFW's Water Crossing Design Guidelines.

Unavoidable impacts on streams and riparian habitat would occur in several locations. In the Federal Way Segment, the alignment of the Preferred FW Enchanted Parkway Alternative would parallel East Fork Hylebos Creek Tributary 0016A for approximately 0.5 mile, requiring the stream to be realigned and relocated. Construction of this alternative would also entail the clearing of a stand of mature forest that provides high-quality riparian habitat for the stream.

In the South Federal Way Segment, the alignment of the SF I-5 Alternative would parallel East Fork Hylebos Creek Tributary 0016A south of the I-5/SR 18 interchange. Approximately 1,500 linear feet of the stream would likely need to be realigned in this area. The other alternatives in the South Federal Way Segment would not require realignment of that stream. Relocated stream channels would be reconfigured to include meanders and other features that enhance the availability and diversity of aquatic habitats. By turning westward and following Enchanted Parkway S or SR 99 south of S 348th Street, the other South Federal Way Segment alternatives would avoid most impacts on East Fork Hylebos Creek Tributary 0016A.

As a result of stream crossings along SR 99, the SF 99-West and SF 99-East alternatives would affect more stream and stream buffer habitat than the SF Enchanted Parkway Alternative. The Porter Way Design Option for the SF 99-West and SF 99-East alternatives would parallel West Fork Hylebos Creek for approximately 1,700 feet and would add a stream crossing, resulting in greater impacts on streams and stream buffers.

In the Fife Segment, under all three alternatives, construction and operation of the elevated preferred Fife Station and associated ground-level facilities would require approximately 150 linear feet of Fife Ditch Tributary 1 to be relocated and/or placed in a new culvert. These impacts would not occur if either of the station design options at 54th Avenue E is implemented. The Pacific Highway alternatives would not cross Fife Ditch or any surface-flowing segments of Wapato Creek. The Fife I-5 Alternative would cross a surface-flowing segment of Fife Ditch, as well as a surface-flowing segment of Wapato Creek adjacent to I-5. As a result, the Fife I-5 Alternative would have a greater potential for adverse temporary and permanent effects on aquatic resources than the other Fife Segment alternatives.

The long-term effects on aquatic resources would be identical for each of the Tacoma Segment alternatives and would include shading associated with overwater structures and placement of

permanent in-water structures. Under all alternatives, one option for crossing the Puyallup River would require placing one or more support piers within the river.

In-water work for pier installation would have adverse effects on fish (including ESA-listed species) and marine mammals. Potential construction-related impacts would include the following:

- Mortality or injury of fish and/or harassment of marine mammals during implementation of in-water work area isolation measures (e.g., installation of coffer dams and steel casings around drilled shafts for support piers).
- Mortality or injury of fish and/or harassment of marine mammals exposed to potentially injurious underwater sound pressure levels associated with in-water pile driving.
- Shade from overwater work trestles.
- Temporary, localized increases in turbidity and suspended sediment during installation and removal of in-water structures.

1.5.2 Vegetation, Wildlife, and Wildlife Habitat

Land use in the study area is dominated by urban development, including industrial, commercial, institutional, and residential areas. These areas provide habitat for plant and animal species adapted to relatively high levels of noise and human disturbance. Some patches of native forest and other habitat types with higher value as wildlife habitat are present along stream corridors in South Federal Way and Fife segments.

Biologists identified and delineated 11 vegetation cover types in the study area (commercial, residential, grassland, invasive brush, native brush, non-native forest, mature native forest, other native forest, wetland/stream, river channel, and stormwater pond) and evaluated their relative habitat value. Relative habitat value is based on habitat structure, scarcity in the study area, disturbance types and frequency, and time required for ecosystem functions to recover following clearing and site restoration.

Impacts on terrestrial resources would occur where project construction converts vegetation or other habitat features to constructed project facilities. Clearing for project construction would also increase the risk of contributing to the spread of noxious or invasive weed species. Noise, light, and human activity associated with operation of TDLE may also have long-term impacts on wildlife. Construction-related impacts would include temporary loss or degradation of terrestrial habitats due to increased noise, light, and human activity. None of the project alternatives is within 0.25 mile of a documented breeding area or other sensitive site for any special-status wildlife species.

The severity of impacts on plants and animals would be greater in areas where cover types dominated by native or structurally complex vegetation (i.e., the mature native forest, other native forest, or wetland/stream cover types, including forested wetlands) are directly affected. Removing trees, snags, and understory vegetation would eliminate nesting and foraging sites for birds, roosting sites for bats, and hiding cover for small mammals. Alternatives that affect a greater area of forested habitat types would have a higher likelihood of adverse effects on vegetation and wildlife.

The Preferred FW Enchanted Parkway Alternative would have long-term impacts on approximately 2 acres of mature native forest habitat along I-5 south of S 336th Street, and an additional 4 acres of this habitat type would fall within the temporary (construction-related)

impact footprint of that alternative. Approximately 1 acre of mature native forest habitat along West Fork Hylebos Creek would fall within the permanent impact footprints of both the SF Enchanted Parkway Alternative and the SF I-5 Alternative. The SF 99-West and SF 99-East alternatives would avoid this mature forest, but the permanent impact footprint of the Porter Way Design Option for either of those alternatives would overlap approximately 0.5 acre of this habitat. While mature forest is available in areas farther from I-5 and other sources of disturbance, the loss of mature forest would decrease the amount of this habitat type in the study area.

In the Fife and Tacoma segments, the long-term and construction related impacts of the alternatives on these habitat types would be similar. In all segments, none of the alternatives would be expected to impede the movement of wildlife through the landscape, because guideways would be on elevated structures or immediately adjacent to existing barriers, such as I-5.

1.5.3 Wetlands

Of the 106 wetlands identified and described in this report, 54 were fully or partially accessed during field delineation surveys to assess wetland hydrology, soils, and vegetation. The boundaries of 52 wetlands were fully estimated using remote sensing and best professional judgment where access was limited.

In general, wetlands were delineated if they and/or their buffers intersect with the project footprint on public rights-of-way or on private parcels for which rights of entry had been obtained. Wetlands that were not accessible were mapped using remote sensing methods. Buffers that do not function as habitat because they extend into developed areas, such as roadways or parking lots, were not included as part of this analysis.

In the Federal Way Segment, the Preferred FW Enchanted Parkway Alternative would have fewer long-term impacts on wetlands without the FW Design Option. In the South Federal Way Segment, the SF Enchanted Parkway Alternative would have substantially fewer long-term impacts on wetlands compared to all other alternatives, especially in comparison to the four SR 99 alternatives. In the Fife Segment, the Fife Pacific Highway Alternative, Fife Pacific Highway Median (Fife Median) Alternative, Fife Pacific Highway with 54th Avenue Design Option, and Fife Median with 54th Avenue Design Option all have the same impacts and would have fewer long-term impacts than the Fife I-5 Alternative, I-5 Alternative with 54th Avenue Design Option, and any alternative paired with 54th Span Design Option. The Tacoma alternatives would result in minimal long-term impacts on wetlands. The comparative temporary (construction-related) impacts of the alternatives would be similar to those described for long-term impacts.

1.5.4 Special-Status Species and Habitats

Special-status species and habitats include those addressed by statutes, regulations, plans, and policies that have been established to protect ecosystem resources. These include species listed or proposed for listing under the ESA, as well as critical habitat that has been designated or proposed for designation for ESA-listed species; marine mammals that are protected under the MMPA; and natural resource areas protected under local critical areas ordinances, shoreline master programs, and/or Tribal resource regulations. Many of these regulations require approval procedures, such as the issuance of environmental permits before project implementation; others require agency consultation.

1.5.4.1 Threatened and Endangered Species

Federally listed fish and critical habitat are known or expected to be present in the following river/streams in the study area:

- West Fork Hylebos Creek – Chinook salmon (*Oncorhynchus tshawytscha*), steelhead (*O. mykiss*), and bull trout (*Salvelinus confluentus*); critical habitat for Chinook salmon and steelhead.
- North Fork Hylebos Creek – steelhead and bull trout; critical habitat for steelhead.
- Hylebos Creek – Chinook salmon, steelhead, and bull trout; critical habitat for Chinook salmon and steelhead.
- Federal Way Stream 3 – steelhead and bull trout.
- Federal Way Stream 4 – steelhead and bull trout.
- Milton Stream 1 – Chinook salmon, steelhead, and bull trout.
- Milton Stream 2 – Chinook salmon, steelhead, and bull trout.
- Fife Ditch – steelhead; critical habitat for steelhead.
- Wapato Creek – steelhead; critical habitat for steelhead.
- Puyallup River – Chinook salmon, steelhead, and bull trout.

No plant or wildlife species that are listed or proposed for listing under the ESA are known or expected to use habitats in the study area.

Potential impacts on aquatic resources (see Section 1.5.1) would be expected to adversely affect ESA-listed fish and critical habitat in the streams listed above. In the Tacoma Segment, construction of in-water piers would have the greatest potential for mortality or injury of ESA-listed species if a low bridge over the Puyallup River is selected. Following the selection of a Preferred Alternative, a biological assessment would be prepared to document compliance with the ESA and to support consultation with USFWS and NMFS. The biological assessment would evaluate the potential for direct and indirect effects on ESA-listed species and critical habitat. The assessment would also include a review of potential effects on essential fish habitat, as required by the Magnuson-Stevens Fishery Conservation and Management Act.

1.5.4.2 Marine Mammals

Construction of in-water piers for a bridge over the Puyallup River would have the potential for adverse effects on marine mammals if they were present in the area during construction. Harbor seals (*Phoca vitulina*), California sea lions (*Zalophus californianus*), and Steller sea lions (*Eumetopias jubatus*) often congregate in Commencement Bay and are known to enter the Puyallup River in the study area to forage. If a pier-supported bridge is selected, compliance with the MMPA may require coordination with and possibly the issuance of an incidental harassment authorization by NMFS.

1.5.4.3 Natural Resource Areas Protected Under Local Critical Areas Ordinances

Potential impacts on natural resource areas protected under local critical areas ordinances would occur where the project footprint overlaps wetlands, wetland buffers, streams, stream buffers, or mature forest. In addition, forested areas where special-status wildlife species have a primary association are also protected under some local critical areas ordinances. Impacts on these areas are summarized in the discussions of aquatic resources, terrestrial resources, and wetlands.

1.5.4.4 Areas Within the Shoreline Jurisdiction

Two streams in the ecosystems study area fall under the jurisdiction of the Shoreline Management Act. These are Hylebos Creek and the Puyallup River. Portions of the study area near Hylebos Creek fall within the shoreline jurisdictions of Milton, Fife, and Pierce County. Portions of the study area near the Puyallup River fall within the shoreline jurisdictions of Fife and Tacoma. The shoreline master programs of all these governments include provisions to ensure no net loss of ecological function in shoreline areas. These programs also include provisions for the protection of critical areas, including wetlands.

1.5.4.5 Areas Protected by Tribal Regulations

Portions of the study area lie within the boundaries of the Puyallup Reservation. The Puyallup Tribal Code (Section 15.12 et seq.) establishes district classifications, in substantial compliance with the Puyallup Tribe of Indians Comprehensive Land Use Plan, for all lands within the boundaries of the Reservation. In addition, certain activities on Tribal trust lands may be undertaken only after development permits and construction permits have been issued by the Tribe. These activities include the construction of buildings or structures within 200 feet of shorelines or wetlands and dredging or filling of watercourses or wetlands (including pile driving).

1.5.5 Potential Mitigation

The avoidance and minimization of impacts was a guiding principle in the preliminary design of the project alternatives. Following mitigation sequencing requirements, Sound Transit would first avoid and then minimize potential impacts on ecosystem resources during development of the project alternatives whenever practicable. Sound Transit would comply with standard specifications, best management practices (BMPs), and applicable Tribal, federal, state, and local mitigation requirements during design, construction, and post construction activities. Sound Transit would meet or exceed all regulatory requirements and continue to implement proactive avoidance and minimization measures related to these BMPs in adherence with Tribal, federal, state, and local regulations.

These strategies, along with others designed to avoid or minimize effects on other resources, would be implemented to effectively minimize the potential impacts on sensitive ecosystem resources. Examples of additional strategies include minimizing vegetation clearing, restoring soils in temporarily affected areas, and preparing and implementing a revegetation plan.

Wetland and stream impacts have been avoided and minimized during the conceptual design process, using elevated guideways, moving staging areas, and relocating project features wherever feasible. For unavoidable long-term impacts on wetlands, streams, and their buffers, Sound Transit would develop a compensatory mitigation plan during the permitting phase, in accordance with applicable federal, Tribal, state, and local requirements and guidelines. These

include the federal Final Compensatory Mitigation Rule (40 Code of Federal Regulations [CFR] Part 230); interagency guidance (Wetland Mitigation in Washington State; Ecology et al. 2021); and the applicable local critical areas ordinances and shoreline regulations. Mitigation would be coordinated with regulatory agencies, employing a watershed approach and the mitigation tools available to the project. Use of the King County In-Lieu Fee Program (Mitigation Reserves Program) and/or approved mitigation banks would be considered as an option for compensatory mitigation if credits are available.

Compensatory wetland mitigation would be provided for construction impacts lasting more than one growing season, for permanent conversion of wetlands from one vegetation type to another (e.g., forested wetland to emergent or scrub-shrub wetland), for shading from elevated structures, as well as for indirect impacts on wetlands. In areas where stream buffers and wetland buffers overlap, mitigation for impacts would be based on the local jurisdiction's requirements for mitigating impacts either on wetland buffers or stream buffers, whichever requirements are more stringent.

2 METHODOLOGY

This section describes the methods used to study and evaluate potential impacts on aquatic resources, terrestrial resources, wetlands, threatened and endangered species, and areas protected under local critical areas ordinances. Discussions in this section summarize the approach defined in the TDLE environmental methodology report (Sound Transit 2020).

2.1 Aquatic Species and Habitat

Biologists reviewed existing maps and documentation to identify known streams and water bodies in the study area and vicinity (see Section 1.1). When applicable, documentation of aquatic species and habitat was analyzed from the Water Resource Inventory Area (WRIA), county, and subbasin reports. Geographic information system (GIS) data from state and local jurisdictions were gathered, evaluated, and used to create a comprehensive map of the network of surface-flowing and piped streams in and near the study area. Background information about riparian vegetation, in-stream habitat, biological connectivity, water quality and quantity, stream typing, and fish presence and habitat use was collected during the pre-field review phase. Streams and water bodies in the study area were then verified and evaluated in the field.

Sound Transit's Stream Habitat Assessment Guidelines (Attachment B) were used to determine the level of information that should be collected for each identified stream. In accordance with the guidelines, research and field surveys were conducted to identify, map, and describe aquatic species and the condition of in-stream and riparian habitats within the study area. Because it is currently undergoing initial environmental review and preliminary engineering, TDLE is classified as a Phase 1 (planning-level) project.

Sound Transit's Stream Habitat Assessment Guidelines identify two levels of data collection options ("tracks") for Phase 1 projects: Track A is typically used where access is limited or impacts are not anticipated; Track B is typically used where access is possible and impacts are anticipated (Sound Transit 2016c). For TDLE, biologists used Track B methods to assess stream habitat in Hylebos Creek and its tributaries and Track A methods for other streams.

The assessment of aquatic species and habitat focused on features that may be affected by the project and that are directly related to ecological functions that support aquatic ecosystems. After collecting and reviewing existing information, biologists conducted detailed field reconnaissance and delineation surveys on legally accessible parcels within the study area in the fall of 2019 through the fall of 2023 to identify and confirm ecosystem resources that could be affected. Based on the anticipated high level of interest from agencies, Tribes, and the public — and to aid design work — biologists conducted formal delineations (flagging and professional land surveying or handheld global positioning system [GPS], where feasible) of the ordinary high water mark (OHWM) of Hylebos Creek and its tributaries. The OHWM of other streams were documented through reconnaissance-level surveys. Assessments of the OHWM were based on guidance from Ecology (Anderson et al. 2016) and the Corps (Mersel and Lichvar 2014).

In the figures that accompany this report, streams or stream segments are shown in four different ways, reflecting the methods by which their locations were determined.

- Delineated OHWM – The lateral limits of the stream were identified and delineated in the field.
- Estimated OHWM – The lateral limits of the stream were estimated, based on reconnaissance-level surveys and/or lidar data.

- Stream (as a line) – Only the centerline of the stream channel is shown. Streams mapped this way include those with narrow channels (generally, less than 10 feet wide), those outside the study area, and those in areas where access was not possible. The locations of these stream lines are based on publicly available mapping data, supplemented by in-field observations and lidar data, as needed.
- Stream (piped) – Stream segments that are enclosed in culverts.

In addition to the impacts of urbanization, fish and fish habitat in the study area also face stressors associated with climate change (Puyallup Tribe of Indians 2016). For example, increasing air temperatures are expected to contribute to elevated water temperatures in streams, with resultant impacts on salmonid migration timing, growth rates, and vulnerability to toxins, diseases, and parasites (Katinić et al. 2015; McCullough 1999). Shifting precipitation regimes may also affect stream flows, leading to reduced availability of spawning and rearing habitat and an increased risk that eggs and juveniles will be destroyed by severe flood flows during winter (Bisson 2008).

Habitat was assessed with the assumption that anadromous fish may one day be able to enter stream reaches where no natural barriers exist, even if human-created barriers prevent access under current conditions. Using information gathered during field reconnaissance and from other sources (e.g., WDFW fish passage barrier maps), biologists evaluated the accessibility of streams in the study area, identifying downstream impediments to fish passage.

Biologists classified streams according to the interim water typing definitions in WAC 222-16-031 and the applicable stream classification systems in local jurisdictions' critical areas regulations. The biologists then identified regulatory buffers based on each stream's classification.

2.2 Vegetation, Wildlife, and Wildlife Habitat

To establish the basis for the analysis of effects on vegetation, wildlife, and wildlife habitat, biologists delineated and classified land cover on aerial photographs and visited a sample of these areas during the field reconnaissance surveys. Land cover types were identified and classified based on study area-specific refinements of the structural categories defined by Johnson and O'Neil (2001). Forest composition, relative age, native species cover, and habitat features were key attributes in determining vegetation types. Vegetation data, including dominant plant species composition, were compiled and classified by habitat type using field observation, aerial photographs, and pertinent literature.

To support the analysis of effects on wildlife, the biologists identified wildlife species associated with the land cover types in the study area, as well as specific habitat elements within each cover type. Biologists used geospatial data from the WDFW PHS Program and the WDNR Natural Heritage Program to identify documented locations of priority species, priority habitats, rare plant populations, and high-quality ecosystems in the study area. Biologists also reviewed site-specific wildlife data, including bird surveys (e.g., eBird 2023 and Opperman et al. 2006), supplemented with data gathered during field visits.

Wildlife habitat values were not evaluated for each occurrence of each land cover type along the project corridor but instead were assigned to the cover type. Habitat value within a cover type at a specific location can vary and depend on several factors, such as size of the area; degree of

fragmentation or isolation; presence of (or proximity to) other valuable habitat; potential role as a travel corridor; level and type of human disturbance; diversity of plant species; presence of multiple cover layers (i.e., tree, shrub, and herbaceous layers); presence of threatened, endangered, or sensitive species; and extent of invasive weeds.

Species known to use habitats in the study area are those whose presence is documented by the information sources identified in Section 1.1, as well as species observed during site visits conducted for this analysis. Species for which known or expected distribution encompasses the study area and that are associated with habitat types in the study area are considered potentially present.

2.3 Wetlands

Wetland assessments are based on background research and analysis of existing information and datasets (see Section 1.1), combined with field surveys to document current conditions. Wetland assessments include both delineated and estimated extents for all wetlands in the study area.

Biologists conducted wetland assessments throughout the study area to identify, map, and describe wetlands in legally accessible areas (e.g., in public rights-of-way or on parcels where landowners had granted rights of entry). Wetland delineations were conducted to provide comprehensive information in areas with an anticipated high level of interest from agencies, Tribes, and the public (specifically, areas associated with tributaries to Hylebos Creek). These delineated boundaries were surveyed by professional land surveyors or located using a GPS unit with submeter accuracy.

The extents of wetlands on properties lacking access or that were otherwise inaccessible were estimated by using remote sensing and best professional judgment. Vegetation and potential wetlands in areas where rights of entry had not been obtained were identified based on field reconnaissance from public areas; current local, state, and federal habitat maps and reports; the examination of aerial photographs and lidar topography. Wetlands associated with Wapato Creek were remotely identified and mapped. Wetland determination forms were not completed for most remotely identified wetlands.

Information about wetlands identified for other projects was evaluated and, where appropriate, included in the wetland findings for this analysis. The TDLE study area partially overlaps the study area for the WSDOT SR 167 Completion Project. More information on these areas is in reports prepared for that project (WSDOT 2019, 2020).

Wetland boundaries were estimated or delineated using methods outlined in the Corps Wetland Delineation Manual (Environmental Laboratory 1987) and indicators defined in the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region Version 2.0 (Corps 2010). The detailed methodology for wetland assessments is included in Attachment A. Observations of existing conditions and characteristics were recorded for each wetland and associated buffer.

Wetlands were classified according to the USFWS (Cowardin et al. 1979; FGDC 2013) and hydrogeomorphic (Brinson 1993) classification systems. Wetlands were rated and wetland functions were assessed according to local critical area ordinances and the Washington State Wetland Rating System for Western Washington, 2014 Update – Version 2 (Hruby and Yahnke 2023). Biologists determined the width of each wetland's standard regulatory buffer based on

the wetland's rating and the critical area requirements of the local jurisdiction. All wetland ratings and buffer widths are preliminary and are subject to change based upon agency review.

Wetland background research is presented in Attachment C. Determination forms are provided in Attachment D, and rating forms are included in Attachment E. Representative photographs of wetlands and streams in the study area are in Attachment F. Scientific names of plants and animals are presented in Attachment G.

2.4 Special-Status Species and Habitats

2.4.1 Threatened and Endangered Species

Biologists reviewed information provided by NMFS and USFWS to identify species listed or proposed for listing as threatened or endangered under the ESA that may be present in the study area, as well as critical habitat that has been designated or proposed for designation for those species. To determine the potential presence of terrestrial species in the study area, biologists evaluated the quality and distribution of habitat for each species, as well as any documented sightings.

2.4.2 Areas Protected Under Local Critical Areas Ordinances

Local critical areas ordinances specify requirements for the protection of two kinds of ecosystem components addressed in this report: 1) wetlands and 2) fish and wildlife habitat conservation areas (FWHCAs), including streams and rivers. The methods used to study and evaluate potential impacts on wetlands are described in Section 2.3. Wetlands are defined at the federal and state levels. However, the identification of FWHCAs varies slightly from jurisdiction to jurisdiction, as described below. FWHCAs include aquatic resources and terrestrial resources; the methods used to study and evaluate potential impacts on those ecosystem components are described in Section 2.1 and Section 2.2, respectively.

The Federal Way Revised Code (Section 19.145.260) identifies the following as FWHCAs:

- Areas where federally listed endangered or threatened species or state-listed endangered, threatened, or sensitive species have a primary association.
- State priority habitats and areas associated with state priority species (as identified by WDFW).
- Habitats and species of local importance (the City of Federal Way has not identified any habitats or species of local importance).
- Streams.
- Regulated lakes.

The Milton Municipal Code (Section 18.16.610) identifies the following as FWHCAs:

- Areas where federally or state-designated endangered, threatened, and sensitive species have a primary association.
- Habitats and species of local importance (the City of Milton has not identified any habitats or species of local importance).
- Waters of the state (including streams and lakes).

The Fife Municipal Code (Section 17.15.040) identifies the following as FWHCAs:

- Areas where federally or state-designated endangered, threatened, and sensitive species have a primary association and that, if altered, may reduce the likelihood that the species will maintain and reproduce over the long term.
- State priority habitats and areas associated with state priority species, as identified by WDFW.
- Waters of the state, including rivers, streams, inland waters, underground waters, and all other surface waters and watercourses within the jurisdiction of the state of Washington, as classified in WAC 222-16-031.
- Areas where state-listed monitor or candidate species or federally listed candidate species have a primary association and that, if altered, may reduce the likelihood that the species will maintain and reproduce over the long term.
- Special habitat areas, including oak woodlands, prairies, aspen stands, meadows; as well as riparian areas and Category I or II wetland areas.
- Naturally occurring ponds under 20 acres and their submerged aquatic beds that provide fish and animal habitat.
- Lakes, ponds, streams, and river planted with game fish by a governmental or Tribal entity.
- State natural area preserves and natural resource conservation areas.
- Areas established by the Puyallup Tribe of Indians Tribal government as habitat areas of Tribal importance for economic, social, cultural, and ceremonial reasons.
- Areas where city policy supports the reestablishment of historical fisheries.

The Tacoma Municipal Code (Section 13.11.510) identifies the following as FWHCAs:

- Areas where state or federally designated endangered, threatened, and sensitive species have a primary association.
- Lands and waters containing state priority habitat and species (as classified by WDFW).
- Areas critical for habitat connectivity, including open space corridors designated in the City's comprehensive plan.
- Habitats and species of local importance that have been identified as sensitive to habitat manipulation.
- State natural area preserves and natural resource conservation areas.
- Waters of the state (including streams and lakes).
- Natural ponds smaller than 20 acres and their submerged aquatic beds that provide critical fish or wildlife habitat.
- Lakes, ponds, streams, and rivers planted with game fish.

The Pierce County Code (Section 18E.40.020) identifies the following as FWHCAs:

- Federally and state-listed species and their associated habitats – Includes areas that have a primary association with federally listed endangered, threatened, or candidate species of fish or wildlife or state-listed endangered, threatened, sensitive, candidate, and monitor species that, if altered, may reduce the likelihood that the species will survive and reproduce over the long term.

- Species of local importance and their associated habitats – Includes salmonids, osprey (*Pandion haliaetus*), and vulnerable aggregations of fish and wildlife species as defined by the WDFW Priority Habitats and Species Program.
- Habitats of local importance – Includes natural waters and adjacent riparian-shoreline areas, old-growth/mature forests, areas with abundant and well-distributed snags and logs, heron rookeries, and cavity-nesting duck habitat.

2.4.3 Areas Within the Shoreline Jurisdiction

The Shoreline Management Act is intended to protect shoreline natural resources — including the land, vegetation, wildlife, and aquatic habitats — against adverse environmental effects. Local governments develop master programs and administer shoreline substantial development permits, shoreline conditional use permits, and shoreline variance permits. All developments within the shoreline jurisdiction must be consistent with the policies of the Shoreline Management Act and the requirements of the local shoreline master program. The shoreline jurisdiction includes segments of streams with a mean annual flow exceeding 20 cubic feet per second, associated wetlands, an area extending 200 feet from the water's edge, the regulated floodway, and the 100-year floodplain.

Biologists identified areas that fall within the shoreline jurisdiction and reviewed the pertinent sections of the applicable local governments' shoreline master programs. Where the widths of buffers on streams or wetlands established in the shoreline master program differ from those established under local critical areas codes, these differences are identified in this report.

2.4.4 Areas Protected by Tribal Regulations

Sound Transit has been and will continue to coordinate and collaborate with Tribal governments to ensure the project complies with applicable Tribal regulations. Both the Muckleshoot Tribe and the Puyallup Tribe of Indians are active in salmonid habitat restoration within the Hylebos Creek drainage and the Puyallup River watershed. Any proposed project work within the OHWM of the Puyallup River would be regulated by the Puyallup Tribe of Indians, as would work on Tribal properties held in trust or on other designated Tribal lands.

2.5 Impact Assessment Methods and Assumptions

Resource analysts evaluated temporary (construction-related) and long-term (permanent) impacts on ecosystem resources. The following subsections describe the process by which direct, indirect, and cumulative impacts on each ecosystem component were identified, as well as the supporting assumptions for the impact analyses. Impact values in this report are estimates based on 10 percent conceptual designs for the alternatives. More-detailed analyses to support permitting and other reviews will take place following further design refinement and identification of the Preferred Alternative.

For this analysis, the design team identified a permanent impact footprint that includes guideways, station footprints, bridges, pedestrian and vehicular access routes, stormwater management facilities, and other constructed project features that would result in long-term impacts on ecosystem resources. The design team also defined a construction footprint adjacent to the permanent impact footprint, including areas where vegetation clearing and ground-disturbing work are likely to be required for project construction. Temporary (construction-related) impacts would occur outside the permanent impact footprint but within the construction footprint; such areas would be expected to be restored to pre-project conditions, or better, following construction. These footprints were overlain on mapped locations of streams, wetlands, and vegetation cover types to determine the extent of the potential impacts of the alternatives on ecosystem resources.

2.5.1 Direct Impacts

Direct impacts on aquatic resources were determined by evaluating the extent of each water body and riparian buffer that would be directly altered or eliminated under each alternative. In many areas, the functional extent of buffers is compromised by existing high-intensity land uses and development (e.g., buildings, parking lots, roads). In such cases, the standard buffer width was drawn to the edge of the developed areas (i.e., the buffer did not include or extend across buildings, parking lots or roads) to denote the extent of the functional buffer.

Direct impacts on aquatic species, including ESA-listed species, were assessed qualitatively by considering the regional significance of the resident and anadromous fish species resource, fish habitat value (such as its role as a migration corridor, rearing, refugia, or spawning area), degree of connectivity and loss of habitat following project implementation, overall habitat quality, and potential for enhancing or restoring aquatic habitat or connectivity. Construction and operational impacts on aquatic species from water quality degradation and loss or degradation of habitat were also assessed.

Potential impacts of each alternative on terrestrial resources were determined by evaluating the acreage of major vegetation types that would be temporarily or permanently affected by project construction and operation. Impacts on rare plant populations were determined by evaluating the acreage of any mapped populations that would be affected by construction or operation of each alternative. The potential for the introduction or removal of noxious or invasive plant species was also evaluated.

Potential impacts on wildlife were also assessed qualitatively by considering the regional significance of the resource, wildlife habitat value of affected areas (such as its role as a wildlife movement corridor), degree of fragmentation and loss of the habitat following project implementation, overall habitat quality, and the potential for enhancing or restoring unique plant communities or wildlife habitat or connectivity. Evaluations of the potential for increased human access, noise, and light to affect sensitive wildlife species were based on the proximity of project

features and work sites to known locations of sensitive sites such as breeding areas or communal roosts.

Impacts on wetlands and buffers were based on an analysis of direct impacts from both long-term effects (filling or other permanent displacement) and short-term, construction-related effects (vegetation clearing or ground disturbance). As with riparian buffers, standard regulatory buffers for wetlands were trimmed at the edge of developed areas to denote the extent of the functional buffer.

Evaluations of potential impacts on threatened and endangered species are based on the impacts on aquatic and terrestrial habitats where such species are known or expected to be present. Evaluations of potential impacts on areas protected under local critical areas ordinances are based on impacts on FHWCAs and wetlands.

2.5.2 Indirect Impacts

Indirect impacts are project-related effects that are reasonably foreseeable but separated from project implementation by distance or time. Examples may include changes in land use patterns, population density, or water quality in the areas affected by the project. Indirect impacts may also occur through the implementation of mitigation measures for other environmental impacts, or through supporting projects that are not yet defined or considered part of the project alternatives. Indirect impacts on ecosystem resources were analyzed qualitatively in this document.

2.5.3 Cumulative Impacts

Cumulative impacts are the effects of the project when combined with other past, present, and reasonably foreseeable future actions. The total effects of the project on ecosystem resources will be determined qualitatively. The analysis of cumulative impacts incorporated the effects of the Federal Way Link Extension project, which is assumed to be part of the No-Build Alternative, and the planned OMF South project, which is a reasonably foreseeable future project. Other reasonably foreseeable projects include the WSDOT SR 167 Completion Project and the Federal Way City Center Access project.

2.5.4 Analysis Assumptions

The process of analyzing and estimating project impacts requires a series of assumptions regarding the physical extent of impacts, the duration of impacts, site restoration following construction, and measures that would be implemented to avoid or minimize potential impacts. This analysis also includes temporary construction impacts and permanent operational impacts within the project right-of-way.

For the impact analysis, Sound Transit assumes that all ecosystem resources within the limits of the project footprint under each alternative, including areas within stormwater facilities, utility upgrades, and other similar features, would be permanently modified. In most areas, the ecosystem functions of such areas would be permanently degraded or eliminated. However, streams within the project footprint would be relocated and reestablished within an open channel. No new culverts on fish-bearing streams are proposed, as shown in Appendix F Conceptual Design Plans. Sound Transit has committed to minimizing the need to place existing streams in new culverts and has designed the TDLE alternatives to avoid new stream piping whenever possible.

Ecosystem resources within temporarily disturbed areas (e.g., in construction access areas and related rights-of-way) would be restored to existing conditions or better after construction is complete. Site restoration would include replanting disturbed areas with appropriate native vegetation immediately following construction. The length of time required for recovery of ecological functions would vary depending upon the intensity of the temporary impact (e.g., vegetation clearing versus temporary fill), as well as the type, age, and diversity of the existing plant community in the affected areas.

TDLE would be designed and constructed in compliance with all applicable Tribal, federal, state, and local regulations. Sound Transit assumes the overall extent and magnitude of potential temporary construction impacts would be controlled by the types of construction activities and by the implementation of BMPs (see Section 5.1.1, Avoidance and Minimization During Design Development). These BMPs would be designed to accommodate site-specific characteristics, such as the widths of wetlands and stream buffers.

Adverse effects on ecosystem resources would be avoided or minimized through the project design process once a preferred alternative has been selected. In addition, Sound Transit will carefully implement, monitor, and maintain BMPs during project construction and operation. Compensatory mitigation for unavoidable adverse effects would be implemented in accordance with permit requirements and Tribal, federal, state, and local regulations (see Section 5, Potential Mitigation Measures).

3 AFFECTED ENVIRONMENT

The proposed TDLE alignment is divided into four segments, arranged from north to south: the Federal Way Segment, South Federal Way Segment, the Fife Segment, and the Tacoma Segment. Descriptions of existing conditions of ecosystem components are arranged similarly; for each component, areas in the northern portion of the study area are described first, and those in the southern portions are described last.

3.1 Aquatic Species and Habitat

This section identifies aquatic species and habitats that may be affected by the construction and operation of TDLE. The study area is in an urban area where aquatic habitats have been highly modified by past development. The proposed facilities lie within areas that were disturbed by the construction of I-5 as well as within the highly developed urban areas of Federal Way, Milton, Fife, unincorporated Pierce County, and Tacoma. Much of the low-elevation areas surrounding Fife were part of the greater Puyallup River floodplain and estuary, which contained extensive areas of floodplain wetlands and vital rearing habitat for salmonids[1]. Over the last 100 years, the lower portion of the Puyallup River was straightened and placed behind a series of dikes and levees for flood control, wetlands were drained to support agriculture, and the lower tidelands were filled to support the development of a deepwater port. Much former agricultural land use has since been converted to a mixture of commercial, light industrial, industrial, and residential land uses. Much of the land within and surrounding the study area is dominated by commercial, residential, and light industrial development with extensive areas of impervious surface.

Within the study area, high-intensity land use and associated disturbance has reduced the size, composition, complexity, and function of the vegetated riparian corridor that protects and supports aquatic habitats within the study area. Of particular concern is the establishment of invasive plant species within riparian habitats, including wetlands. Several invasive species, including Himalayan blackberry (*Rubus armeniacus*), reed canarygrass (*Phalaris arundinacea*), spotted jewelweed (*Impatiens capensis*), English ivy (*Hedera helix*), invasive knotweeds (*Fallopia* species and *Persicaria wallichii*), and bittersweet nightshade (*Solanum dulcamara*), were documented and are commonly found in riparian habitats in the study area. All invasive species are a nuisance because they outcompete native vegetation, which reduces species diversity and complexity in riparian areas. Himalayan blackberry competes with native species, forming dense monotypic stands and often inhibits wildlife movements by presenting a physical barrier. Knotweeds contribute to streambank erosion, interfere with the successional trajectory of riparian forests, and alter nutrient cycling. English ivy damages mature trees and affects timing of LWD recruitment to streams. Reed canarygrass and bittersweet nightshade can both form dense mats that extend into the channel, which can accelerate fine sediment deposition, create barriers to fish migration, and cause widening and shallowing of channels that can result in increased stream temperatures. Jewelweed outcompetes and dominates native plant communities.

[1] Salmonids include the five species of Pacific salmon (Chinook, chum, coho, pink, and sockeye), as well as steelhead, cutthroat trout, and bull trout. Anadromous salmonids begin their life in freshwater, migrate to marine waters to reach maturity, and then return to freshwater as adults to spawn.

Streams in the study area are in WRIA 10, the Puyallup-White watershed. Many species of fish, both native and introduced, inhabit WRIA 10. Discussions in this document focus on salmonids in particular because these species are a management concern due to habitat degradation and population declines. Salmonids in WRIA 10 are a mix of native and introduced stocks. For example, sockeye salmon (*Oncorhynchus nerka*) that spawn in some areas appear to be descendants of introduced fish, while those in other areas may be native fish (Hendry et al. 1996). The Puyallup River supports native spring-run Chinook salmon stock, an unknown origin White River summer/fall-run Chinook salmon stock, unknown origin Puyallup River summer/fall-run Chinook salmon stock, mixed stock of fall-run chum salmon (*Oncorhynchus keta*), mixed Puyallup and White River coho salmon (*Oncorhynchus kisutch*) stocks, native pink salmon (*Oncorhynchus gorbuscha*) stock, native Puyallup and White River winter-run steelhead stocks, and three native stocks of bull trout (WDFW and WWTT 1994). Little genetic information is available for salmon originating from smaller independent tributaries to Puget Sound, such as Wapato Creek and Hylebos Creek. No unique stocks have been identified in Hylebos Creek or Wapato Creek (WDFW and WWTT 1994). However, LeClair (1999) determined that fall chum salmon stocks occurring in Hylebos Creek are of an unknown stock origin.

The following subsections briefly describe the general life history of the salmonid species that are known or expected to use habitats in the study area, followed by detailed descriptions of the streams in the study area, including habitat conditions and fish distribution.

3.1.1 Relevant Species Life History Descriptions

3.1.1.1 Bull Trout

The Puyallup River in the study area provides foraging, migration, and overwintering habitat for bull trout. It may also provide a migratory corridor for bull trout that spawn in cool-water habitats at higher elevations (Marks et al. 2018; Puyallup and Chambers Watersheds Salmon Recovery Lead Entity 2018). Bull trout in the Puyallup River system exhibit anadromous, fluvial, and resident life history strategies. Most bull trout in the system are resident or fluvial fish, which generally remain in upper portions of the watershed, outside of the study area (USFWS 2017). However, the Puyallup River in the study area is the key migratory corridor for numerous anadromous bull trout entering and leaving spawning areas in the upper watershed.

Bull trout are not documented in the Hylebos watershed (NWIFC 2023) due to the lack of suitable habitat in the Hylebos Creek basin (see below); however, there was one report of a single sub-adult bull trout captured near the S 373rd Street crossing of West Fork Hylebos Creek in August 2018 (Heltzel 2018 pers. comm.). This single observation should be considered in the context of decades of fish monitoring studies in the Hylebos Creek watershed conducted by Puyallup Tribal Fisheries, which have not encountered bull trout in the watershed (Marks et al. 2021). Nevertheless, for this analysis, it is assumed that individual bull trout could venture into accessible segments of Hylebos Creek and its tributaries in the future. Based on the lack of high-quality habitat for bull trout in those streams (as described below), the presence of any such fish would likely be brief and transitory in nature.

Bull trout are strongly associated with snowmelt-dominated streams that maintain cold water temperatures in headwater tributaries year-round. Streams supporting bull trout have clean gravel substrates and cold water temperatures (less than 9ºC/48ºF) (USFWS 1998). Hylebos Creek is a rainfall-dominated stream, and stream temperatures are regularly higher than the temperatures this species requires. Stream substrates in the Hylebos Creek watershed are dominated by fines, particularly near the project footprint. Water temperatures often exceed those preferred by bull trout. A 2001 water quality study of East Fork Hylebos Creek (east of I-5) indicated that temperatures frequently exceeded 14ºC/57ºF in summer months at one of the stations (King County 2002). West

Fork Hylebos Creek and portions of its tributaries are included on the 303(d) list of impaired waters, based on temperatures exceeding 17ºC/63ºF (Ecology 2023). Such temperatures are likely to limit the presence of bull trout. Other 303(d) water quality impairments identified in the watershed include dissolved oxygen, heavy metals, copper, and bacteria, which may also limit the potential presence of bull trout (Ecology 2023). Bull trout could use habitats at the mouth of the Hylebos Creek, more than 1 mile downstream of the study area (WSDOT 2019); however, the Hylebos Waterway has 303(d) listings for chlorinated pesticides, DDT and metabolites, high molecular weight polycyclic aromatic hydrocarbons, and polychlorinated biphenyls, all which detrimentally affect various life history stages of fish.

3.1.1.2 Chinook Salmon

The Puyallup River system contains both fall-run population and spring-run populations that enter the river as early as April (Kerwin 1999). Chinook in the Hylebos watershed are classified as fall-run (NWIFC 2023) and generally return to freshwater for their spawning migrations in August through September, with spawning occurring from mid-September through October. Chinook salmon have been documented in Hylebos Creek and the lower reaches of West Fork Hylebos Creek (downstream of barriers), and they are presumed to be present in the lower 700 feet of East Fork Hylebos Creek (NWIFC 2023). Fisheries biologists from the Puyallup Tribe of Indians have documented Chinook salmon in West Fork Hylebos Creek as far upstream as S 356th Street, approximately 1.4 miles upstream of the upstream extent of the documented distribution of Chinook salmon in that stream, as mapped by NWIFC (NWIFC 2023).

Juvenile Chinook have variability in when they become smolts and migrate to saltwater. Some can migrate as subyearlings in their first year of life, and others will remain in freshwater for their first year and migrate out at age 1 (Wydoski and Whitney 2003). Juvenile Chinook salmon in the Puyallup River system exhibit four different rearing trajectories, which include fry that migrate to the estuary immediately following emergence; fry/fingerlings that spend several weeks rearing in freshwater before migrating to the estuary; fingerlings that can spend several months rearing in freshwater before migrating to estuary; and yearlings that can spend up to a year in freshwater before migrating to the estuary (Hayman et al. 1996). Regardless of life history strategy, the juveniles make their downstream migrations in the spring and early summer.

3.1.1.3 Chum Salmon

Chum salmon typically spawn in the lowermost reaches of rivers and streams. Fry begin to migrate downstream immediately following emergence to rear in the nearshore estuarine areas of Puget Sound from late January through June, peaking in April (Salo 1991; Wydoski and Whitney 2003). In Washington, most chum populations, including those occupying stream habitats in the study area, are fall-run fish that return to natal[2] streams between October and November and typically spawn within a month of their migration (Wydoski and Whitney 2003). One of the advantages of the late fall/early winter spawn timing is that streams typically contain enough flow and sufficient depths to allow easy migration to upstream spawning areas. Chum salmon excavate redds (spawning sites) in small to medium-sized gravels in shallow, low-velocity areas at the heads of riffles.

[2] Natal in the context of streams and salmon refers to the stream where eggs were deposited and the life history of the species begins (birthplace).

3.1.1.4 Coastal Cutthroat Trout

Coastal cutthroat trout (*Oncorhynchus clarki clarki*) in the study area may exhibit anadromous or resident life history forms. Coastal cutthroat trout spawn in the smallest headwater streams and tributaries of coastal rivers (Wydoski and Whitney 2003). Cutthroat trout surveyed from the upper reaches of the Hylebos Creek in Federal Way were found to be predominantly resident fish (HDR 2014). Coastal cutthroat trout are also found throughout the Puyallup River drainage, but not much is known of the anadromous life history forms that may occur there (Kerwin 1999). Anadromous coastal cutthroat trout are voracious predators of juvenile salmonids in the nearshore areas of Puget Sound.

3.1.1.5 Coho Salmon

Coho salmon are the most adaptable of the Pacific salmon species and are known to spawn in a variety of stream types, including small coastal streams, large rivers, and remote tributaries where suitable gravel (6 inches or smaller in diameter) is present. Like those of most salmon, coho redds are located at the heads of riffles, which ensures good oxygen circulation around the newly laid eggs. Coho are highly tolerant of degraded habitat and are commonly found in residential areas and streams channeled through ditches (Wydoski and Whitney 2003). Coho salmon thrive in streams with complex in-stream habitat composed of large rocks, large woody debris (LWD), and adequate vegetative cover. In particular, juvenile coho typically rear and seek out pools with dense overhanging cover. Backwaters, side channels, and small streams are preferred areas, particularly in shaded areas with overhead cover (Bjornn and Reiser 1991; Smith and Wenger 2001). In winter, coho juveniles can move both upstream and downstream into pools and off-channel areas. Fingerlings move into off-channel habitat when fall freshets begin. In-stream cover, side channels, small intermittent streams, and ponds provide shelter from winter storms that could sweep the fish out of the system (Smith and Wenger 2001). Coho typically spend 1 to 2 years rearing in freshwater before migrating out to the ocean in the spring between March and June (Wydoski and Whitney 2003).

3.1.1.6 Pink Salmon

In Washington, pink salmon generally have a 2-year life cycle, meaning they return to spawn during odd-numbered years. Pink salmon, like chum salmon, typically spawn in the lower reaches of rivers. Upon hatching, juveniles move immediately to estuarine and the marine nearshore areas to rear. In Washington, pink salmon spawn from August to October, excavating redds in small to medium gravels located at pool tail-outs or heads of riffles in fast-flowing streams (Wydoski and Whitney 2003). Juvenile pink salmon typically migrate out of streams shortly after emergence between March and April. Within the study area, pink salmon are documented in the lower reaches of Hylebos Creek during their odd-year spawning cycle. Also, the East and West Forks of Hylebos Creek are presumed to support pink salmon. In addition, the Puyallup River typically supports healthy runs of pink salmon.

3.1.1.7 Sockeye Salmon

Sockeye salmon are different from other Pacific salmon in that they require a period of rearing in a lake environment. In Washington, mature sockeye salmon enter streams between June and late September and spawn between mid-September through October. Shortly after emergence, juvenile sockeye salmon move either upstream or downstream to a lake where they rear for up to 2 years (Wydoski and Whitney 2003). Outmigration of juveniles to the ocean usually occurs between mid-April and late June. Sockeye are considered indigenous to the Puyallup River drainage; however, they are only occasionally observed spawning in South Prairie Creek, a small tributary to the Puyallup River (Shared Strategy for Puget Sound 2023).

3.1.1.8 Steelhead

Steelhead in the study area are a winter-run population, typically spawning from late winter through early spring. Adult winter-run steelhead enter the Puyallup River from January to June. The portion of the lower Puyallup River in the study area is primarily a migratory corridor for the winter-run steelhead populations that spawn and rear higher in the river system. Spawning sites are typically located near the head of a riffle in small to medium gravel (Smith and Wenger 2001). During the fall and winter months, steelhead take shelter in backwaters and eddies to avoid being swept downstream in floodwaters.

Juvenile steelhead exhibit diverse life history strategies. Fish may migrate downstream during their natal year, or they may remain in freshwater habitats for up to 4 years. However, most juveniles from the Puyallup River system emigrate during the spring of their second year (NMFS 2017), with most downstream migration occurring in the spring and summer. Because steelhead can spend several years in freshwater before migrating to the ocean, steelhead do not need to remain in estuaries and nearshore environments for additional rearing like most Pacific salmon, but rather move offshore quickly after leaving freshwater habitats.

3.1.2 Streams in the Study Area

Consistent with Sound Transit's stream habitat assessment guidelines (Sound Transit 2016c), this subsection describes the streams in the study area and provides information about the following key aquatic habitat elements:

- Riparian vegetation.
- Physical in-stream habitat.
- Biological connectivity.
- Water quality and quantity.
- Fish presence and habitat use
- Stream typing.

The stream descriptions are organized geographically, starting at the northern end of the proposed alignment in Federal Way and ending in Tacoma.

The study area for aquatic resources includes 20 streams (Table J4.3-1), most of which are in the Hylebos Creek watershed. Hylebos Creek is an independent tributary that discharges to the Hylebos Waterway along the eastern shore of Puget Sound's Commencement Bay in Tacoma. The other streams in the study area are Wapato Creek (another independent tributary that discharges to the Blair Waterway in Commencement Bay), the Puyallup River, First Creek (a small tributary to the Puyallup River), and two artificially created drainage systems that convey surface water runoff to the Blair Waterway. Figures J4.3-1 through J4.3-13 show stream locations, conditions (surface-flowing or piped), and fish passage barriers, as well as wetlands (discussed in Section 3.3). Table J4.3-1 (Summary of Streams in the Study Area) summarizes regulatory information for the streams in the study area.

Table J4.3-1 Summary of Streams in the Study Area

Stream Name	Stream Index No.[1]	State Interim Water Type[2]	Local Jurisdiction	Local Jurisdiction Stream Classification[3]	Local Jurisdiction Buffer Width[3]
Federal Way Segment					
East Fork Hylebos Creek Tributary 0016A	10.0016A	3	Federal Way	F	100
West Fork Hylebos Creek Tributary 0014C	10.0014C	3	Federal Way	F	100
South Federal Way Segment					
East Fork Hylebos Creek Tributary 0016A	10.0016A	3	Federal Way	F	100
Federal Way Stream 1 (SFW-01)	N/A	5	Federal Way/ Milton	Ns	30/65
Federal Way Stream 2 (SFW-02)	N/A	5	Federal Way	Ns	30
Federal Way Stream 3 (SFW-03)	N/A	3	Federal Way	F	100
Federal Way Stream 4 (SFW-04)	N/A	3	Federal Way	F	100
West Fork Hylebos Creek	10.0014	2	Milton/Federal Way	F	150/100
North Fork Hylebos Creek	10.0013	2	Federal Way	F	100
Milton Stream 1 (SMI-01)	N/A	3	Milton/ Pierce County	F/F_1	150/150
Milton Stream 2 (SMI-02)	N/A	2	Milton	F	150
Milton Stream 3 (SMI-03)	N/A	5	Milton	Ns	65
Hylebos Creek[4]	10.0006	1	Pierce County/ Milton/Fife	F_1/S/1	150/165/ Case-by-Case[5]
Surprise Lake Creek	10.0009	3	Fife	3	Case-by-Case
Fife Segment					
Fife Ditch Tributary 1[6]	N/A	4	Fife	N/A	N/A
Fife Ditch[6]	N/A	4	Fife	N/A	N/A
Wapato Creek	10.0017	2	Fife	2	Case-by-Case
Erdahl Ditch Tributary 1[6]	N/A	4	Fife	N/A	N/A
Erdahl Ditch Tributary 2[6]	N/A	4	Fife	N/A	N/A

Table J4.3-1 Summary of Streams in the Study Area (continued)

Stream Name	Stream Index No.[1]	State Interim Water Type[2]	Local Jurisdiction	Local Jurisdiction Stream Classification[3]	Local Jurisdiction Buffer Width[3]
Tacoma Segment					
Puyallup River[4]	10.0021	1	Tacoma/Fife	S/1	150/ Case-by-Case
First Creek	N/A	3	Tacoma	F_1	150

Notes:

(1) WRIA identification numbers according to Williams et al. (1975) and King County (1990); N/A indicates the stream is not identified in either of those sources.

(2) Per WAC 222-16-031, Type 1 waters are shorelines of the state; Type 2 waters have a have a high fish, wildlife, or human use; Type 3 waters have a moderate to slight fish, wildlife, or human use; Type 4 waters are perennial, non-fish-bearing streams; Type 5 waters are seasonal, non-fish-bearing streams.

(3) Per Federal Way Municipal Code 19.145.270 (revised October 15, 2019), Milton Municipal Code 18.16.640(D), Tacoma Municipal Code 13.11.420, Fife Municipal Code 17.15.050, and/or Pierce County Code 18E.40.60, as applicable. Numeric classifications are as described under WAC 222-16-031 (see preceding footnote). Other classifications: F = streams with fish habitat; F_1 = natural waters containing salmonid fishes; Ns = seasonal, non-fish-habitat streams; S = shorelines of the state.

(4) Hylebos Creek and the Puyallup River are classified as shorelines of the state. Despite this classification, the Pierce County Code does not classify Hylebos Creek as a Type S stream, instead assigning it a classification of F_1. The Puyallup Tribe of Indians has jurisdiction over the Puyallup River as well.

(5) Per Fife Municipal Code 17.15.050, the widths of buffers on streams are to be determined by the community development director on a case-by-case basis. To evaluate the potential impacts of the alternatives on riparian areas, the following buffer widths were used for streams in Fife: Type 1 – 165 feet; Type 2 – 150 feet; Type 3 – 150 feet. These widths are based on the buffers for corresponding stream types in the Milton Municipal Code

(6) Fife Ditch, Erdahl Ditch, and their tributaries serve primarily as stormwater conveyance ditches with pump stations at the outlets. Based upon WDFW surveys, WDFW has determined that they are non-fish bearing ditches and will therefore not be regulated as streams by WDFW or City of Fife.

Note that two streams, Tacoma Gulch and Tacoma Eastern Gulch, are mapped at the western end of the study area. Both streams are contained in pipes through the study area, and neither of them would be crossed by any of the alternatives. Similarly, the study area overlaps a short segment of East Fork Hylebos Creek but would not have temporary or permanent impacts to the aquatic habitat; riparian habitat impacts in that area are addressed in the analysis of potential impacts on the main stem of Hylebos Creek. For these reasons, Tacoma Gulch, Tacoma Eastern Gulch, and East Fork Hylebos Creek are not addressed in this document.

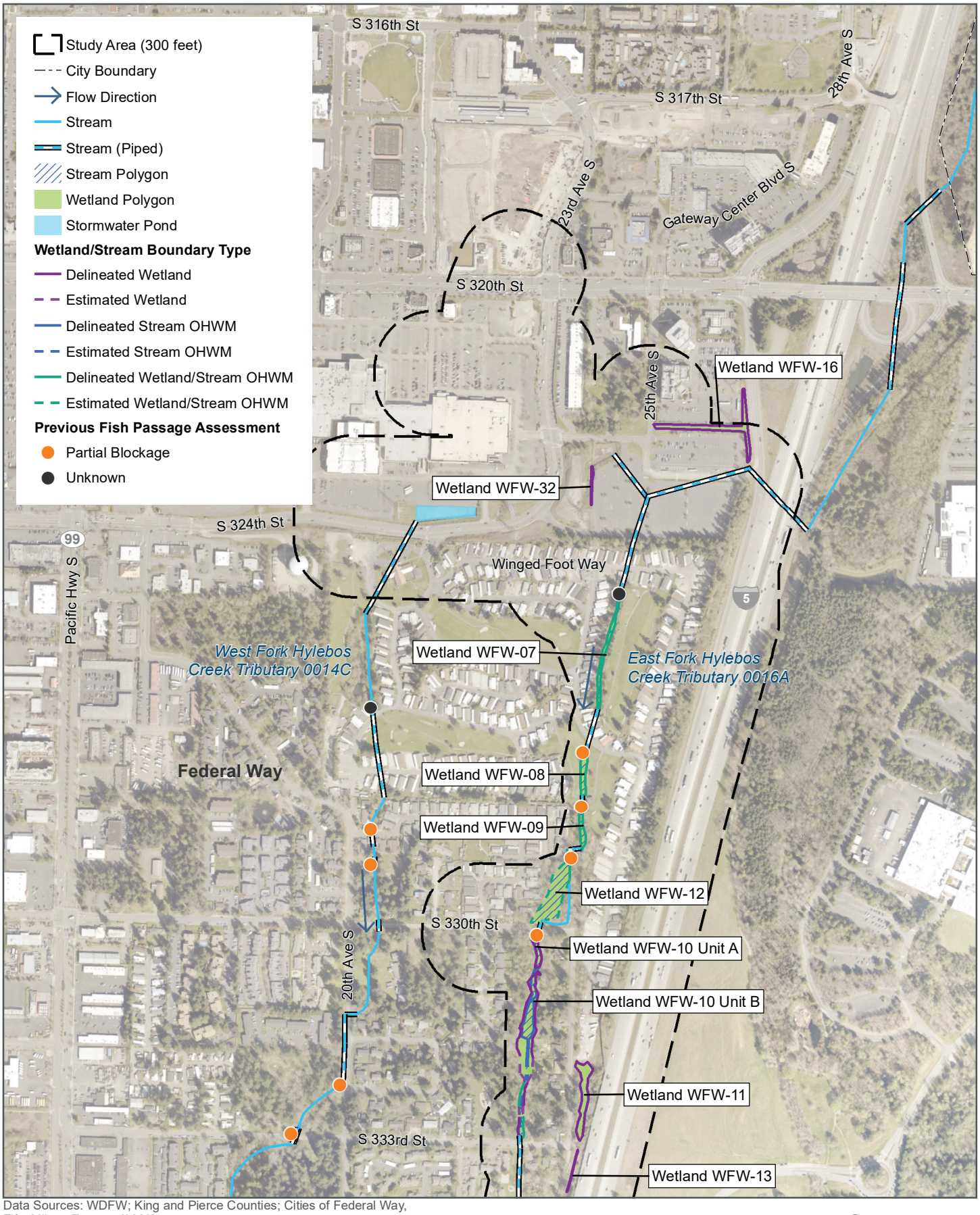

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-1
Wetland and Stream Existing Conditions
Federal Way Segment
Tacoma Dome Link Extension

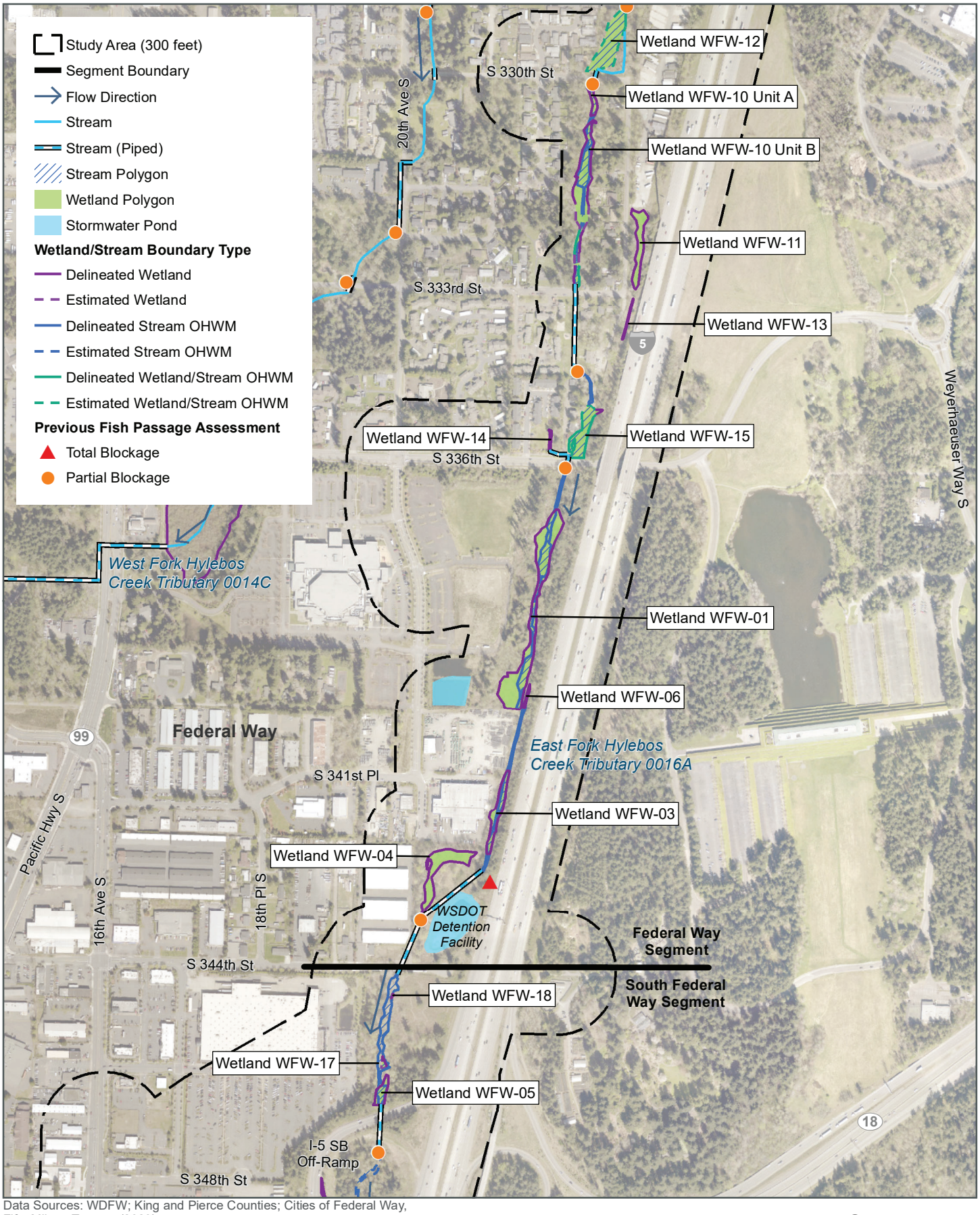

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-2
Wetland and Stream Existing Conditions
Federal Way Segment
Tacoma Dome Link Extension

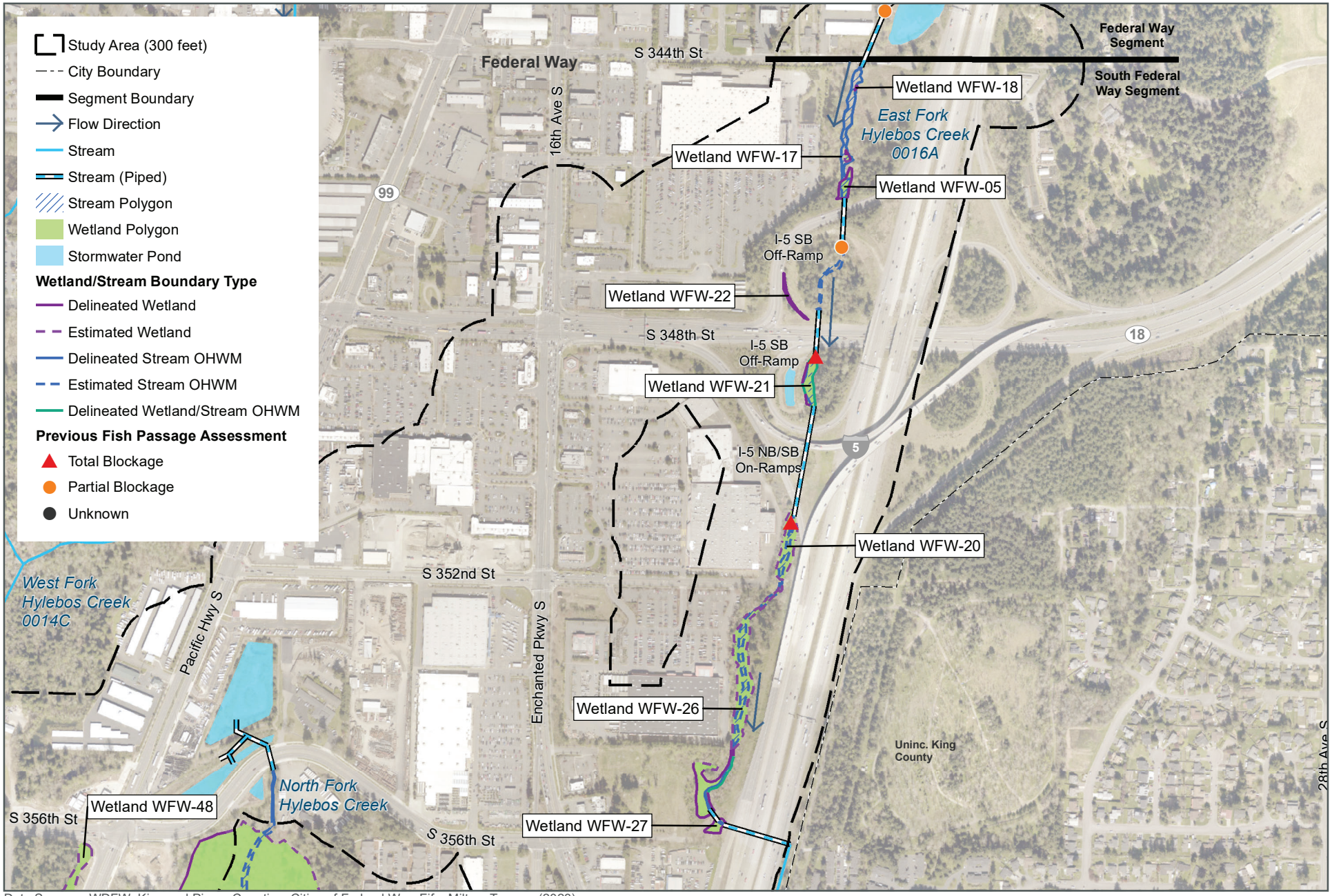

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-3
Wetland and Stream Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

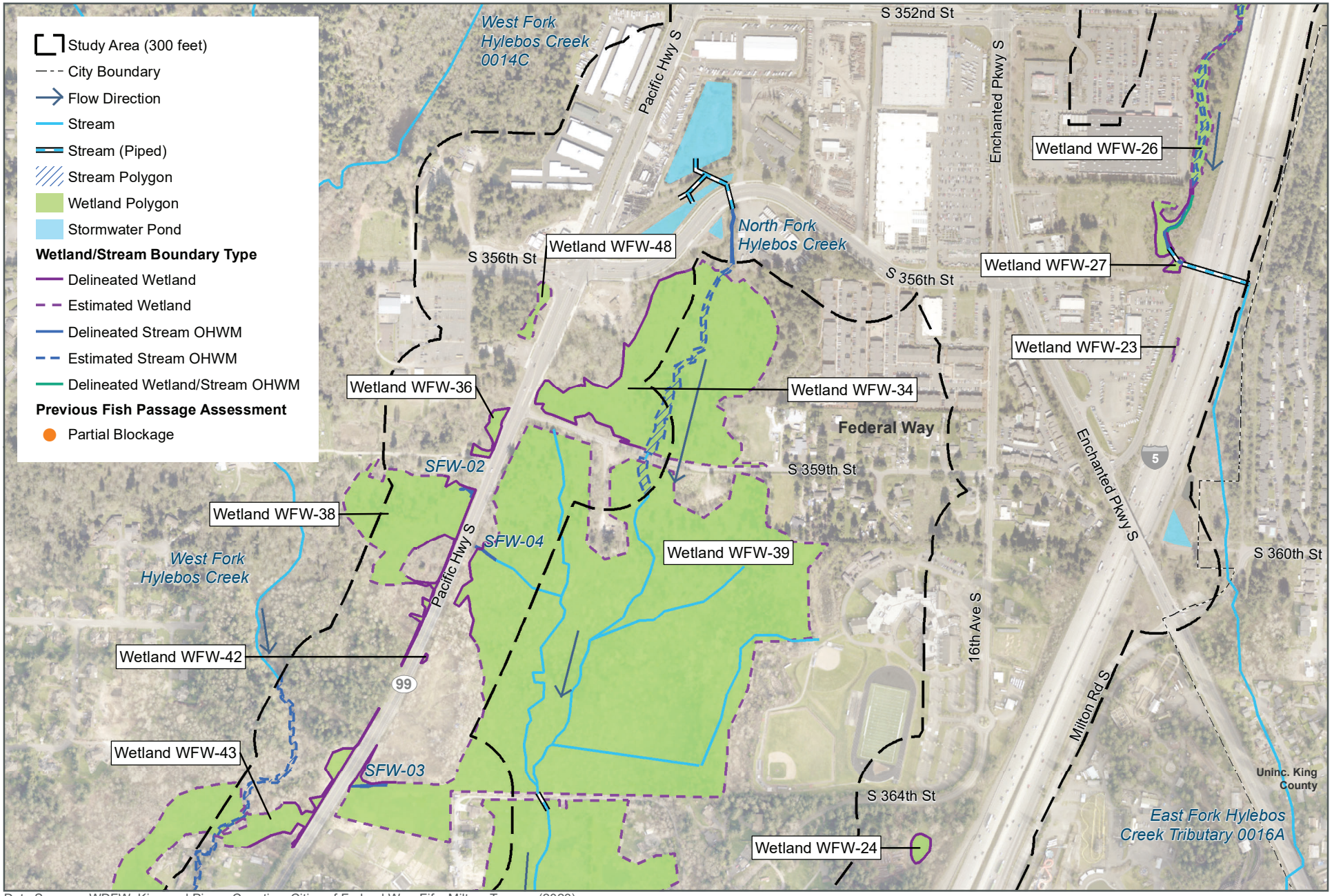

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-4
Wetland and Stream Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

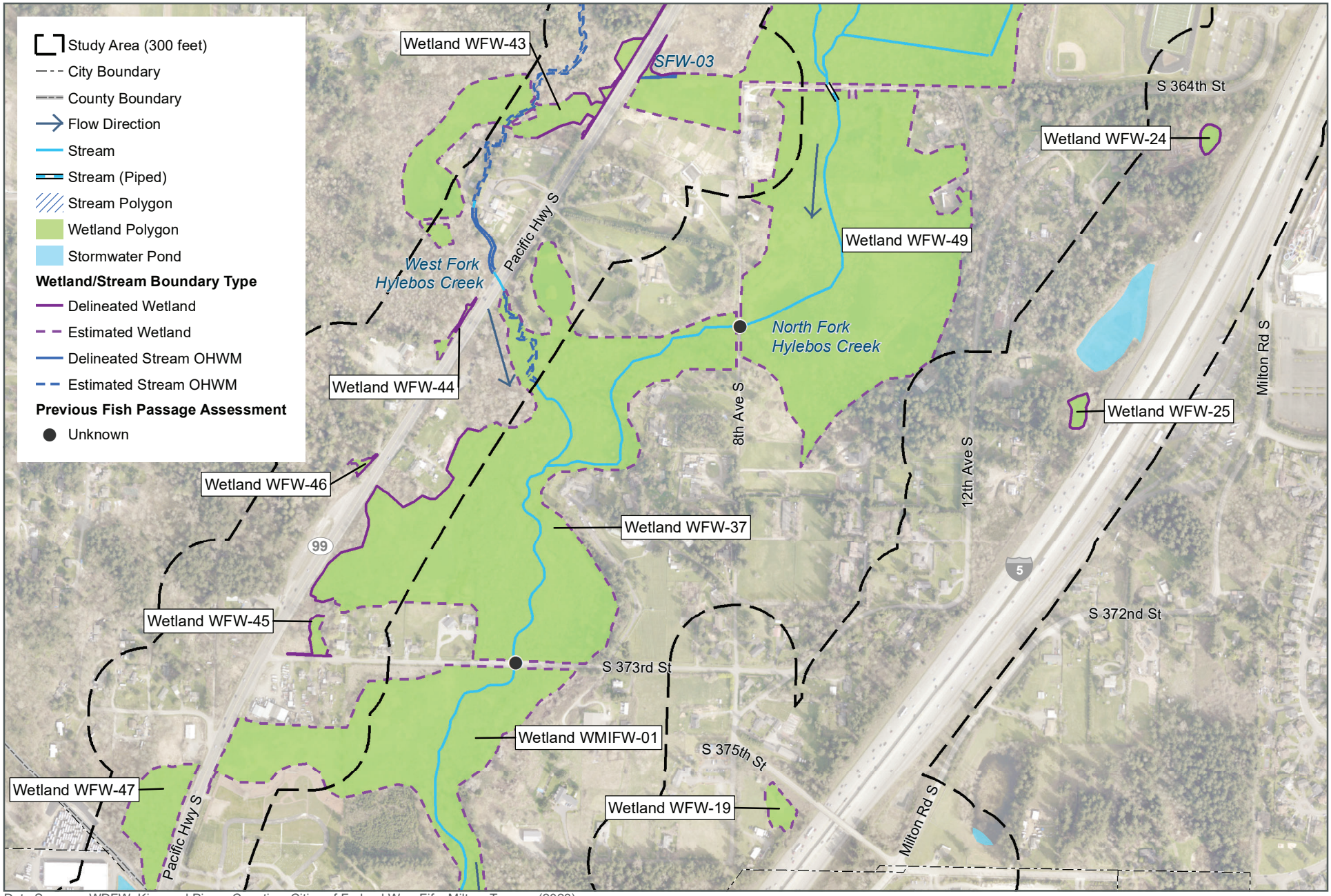

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-5
Wetland and Stream Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

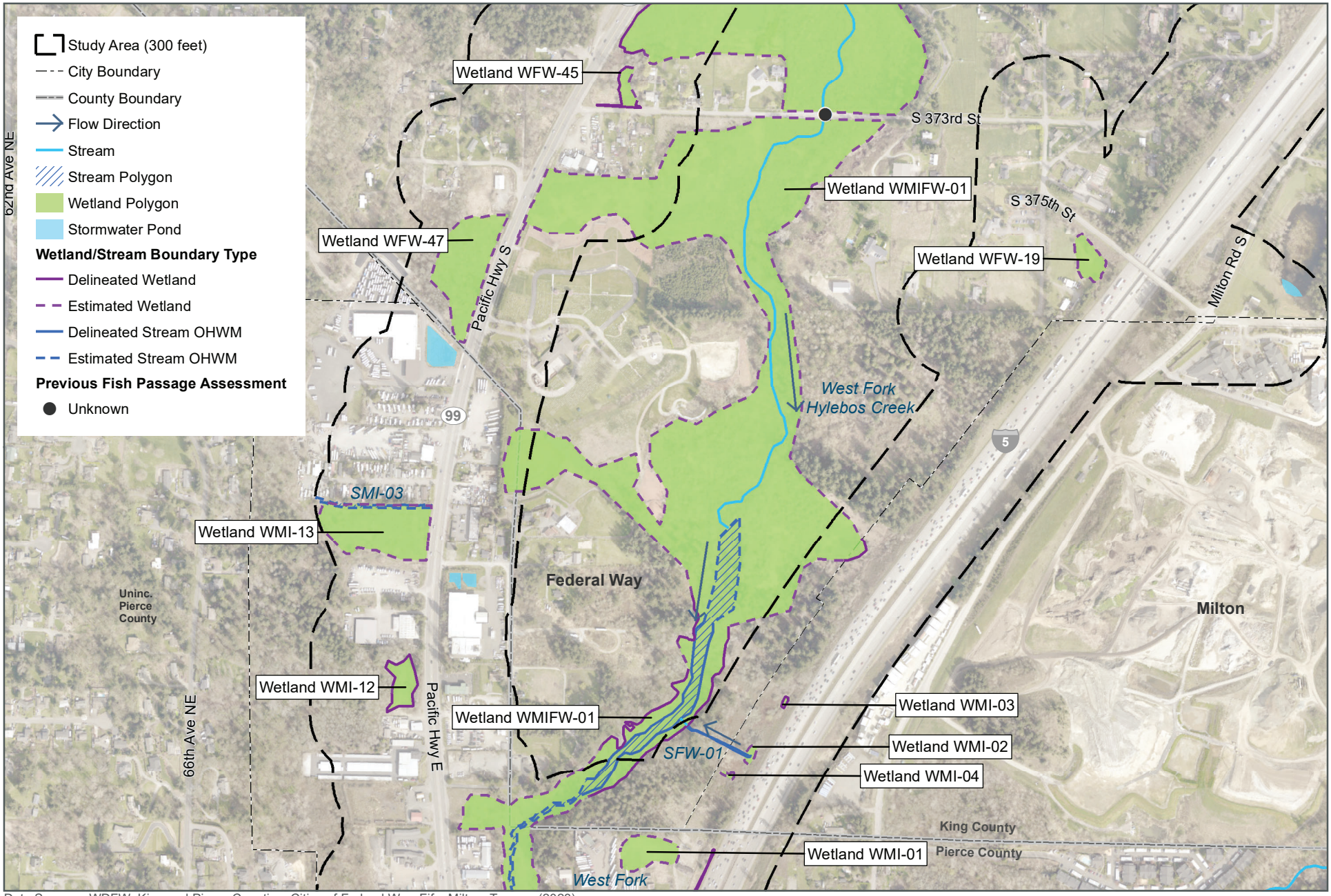

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-6
Wetland and Stream Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

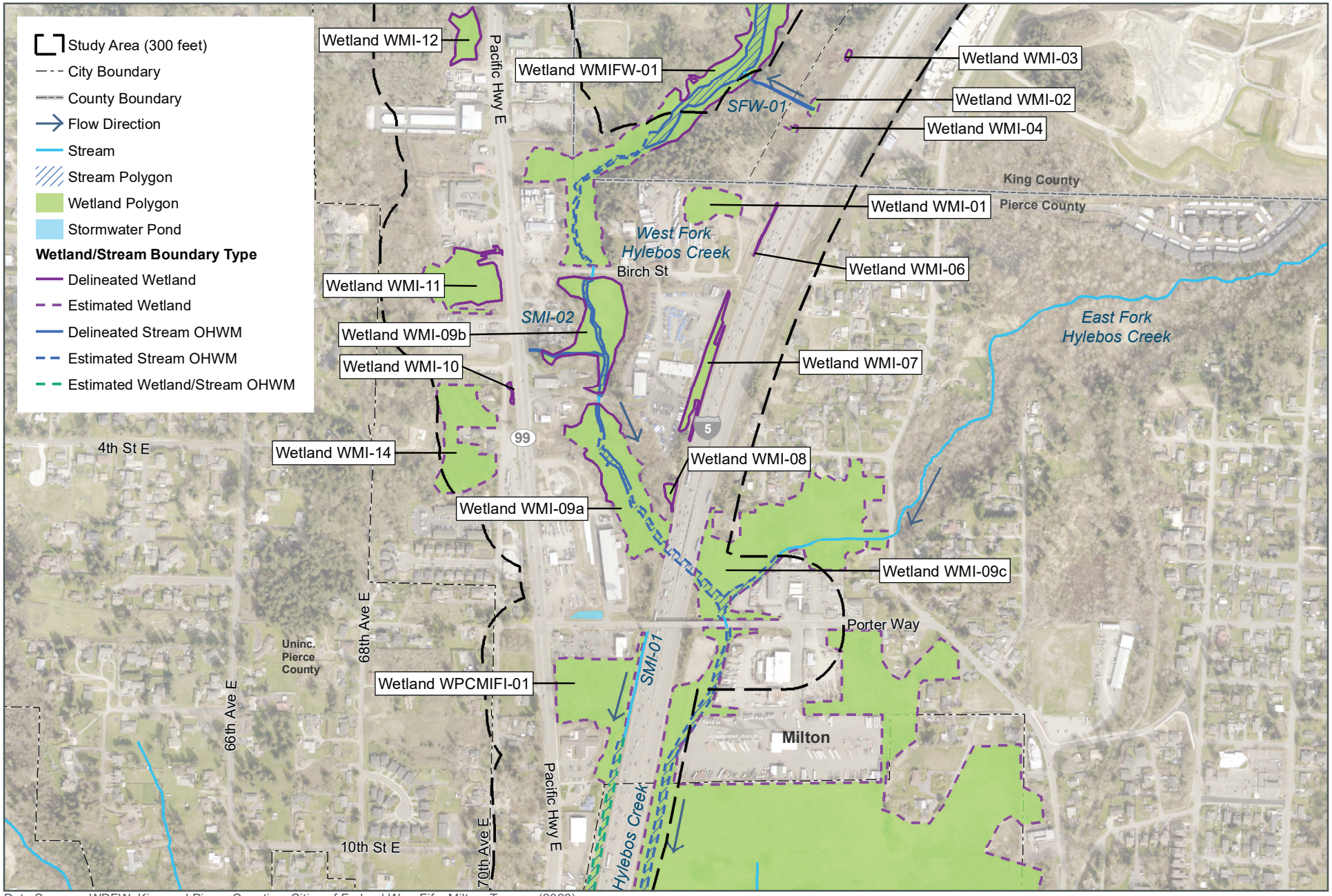

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-7
Wetland and Stream Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

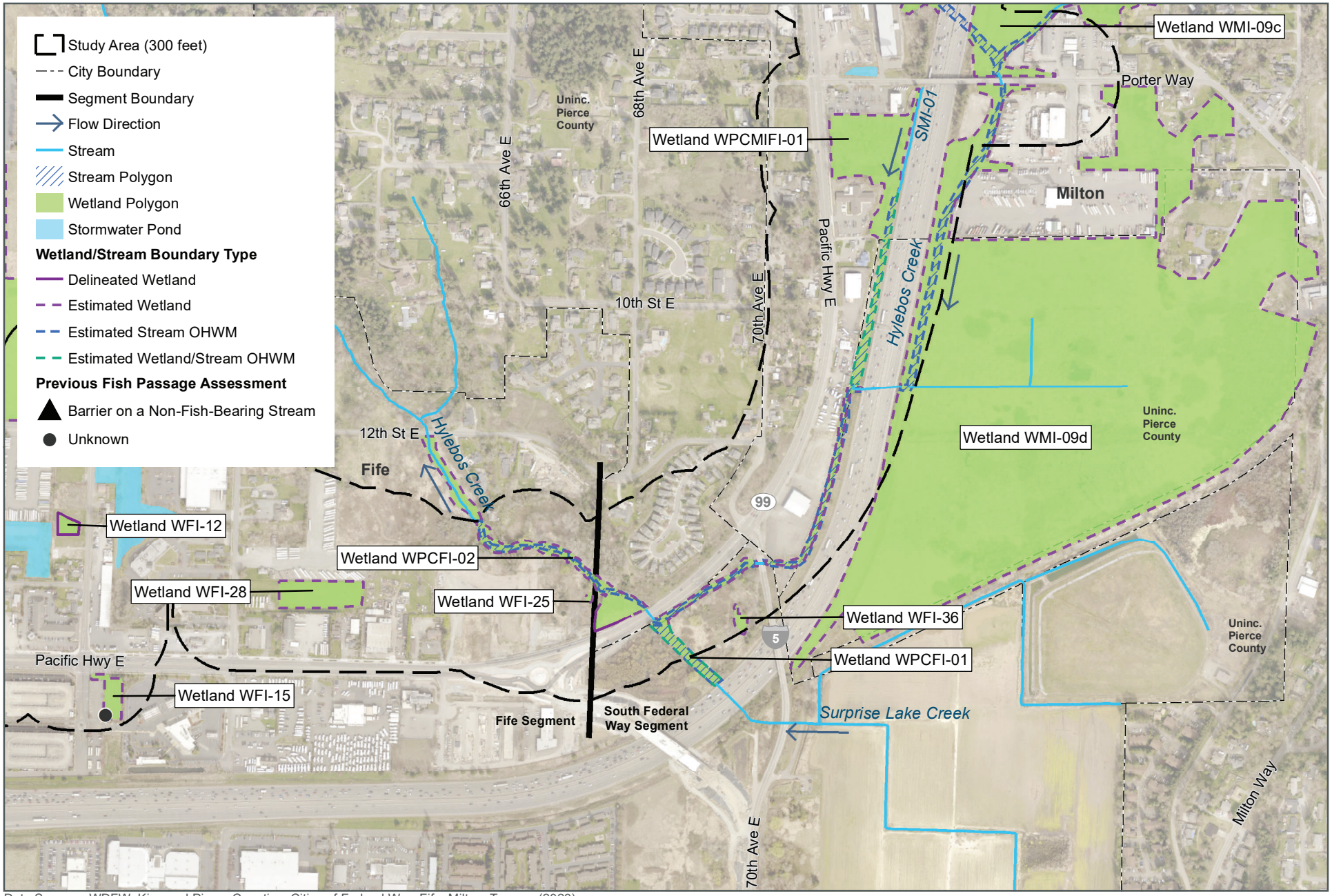

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-8
Wetland and Stream Existing Conditions
South Federal Way and Fife Segments
Tacoma Dome Link Extension

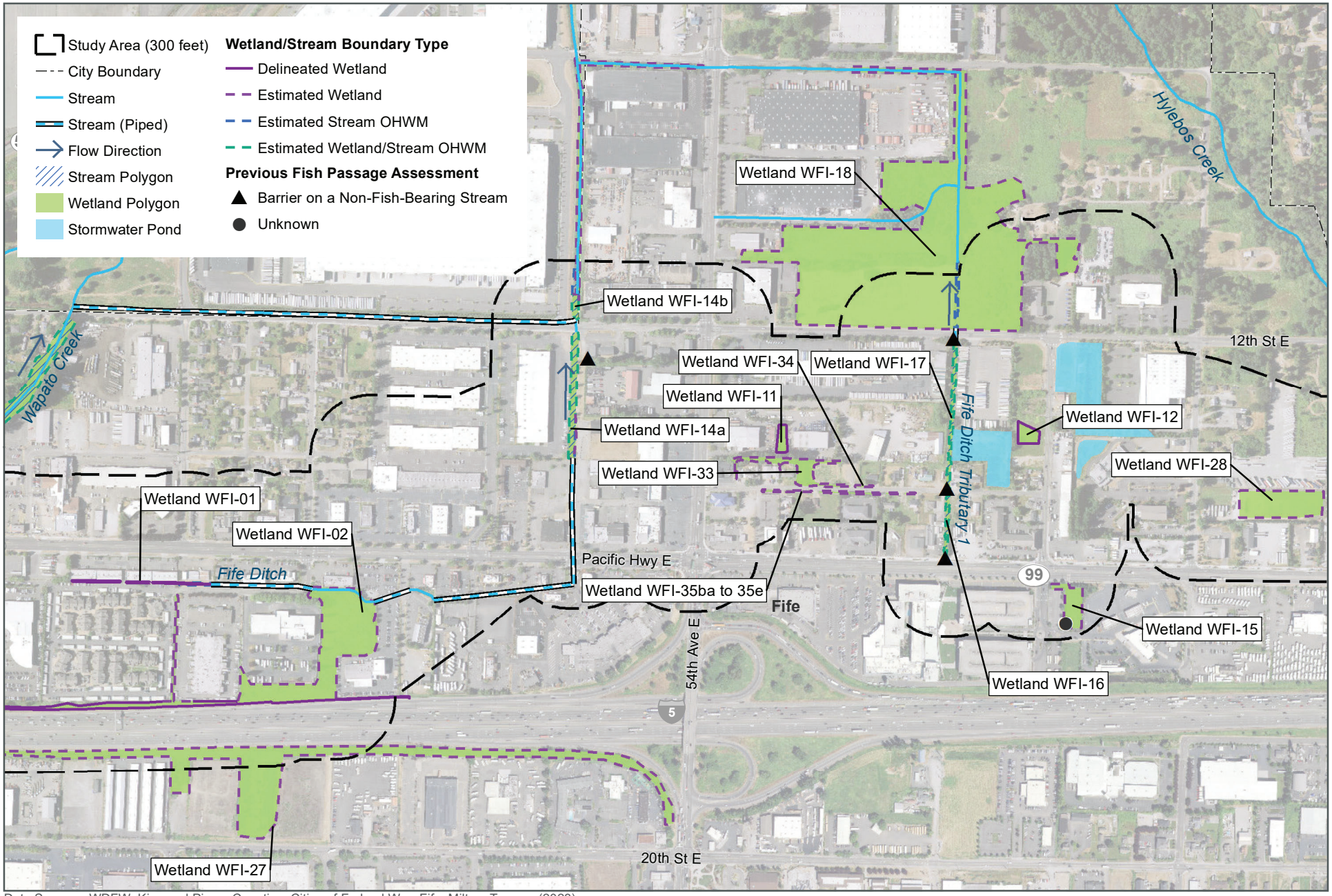

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-9
Wetland and Stream Existing Conditions
Fife Segment
Tacoma Dome Link Extension

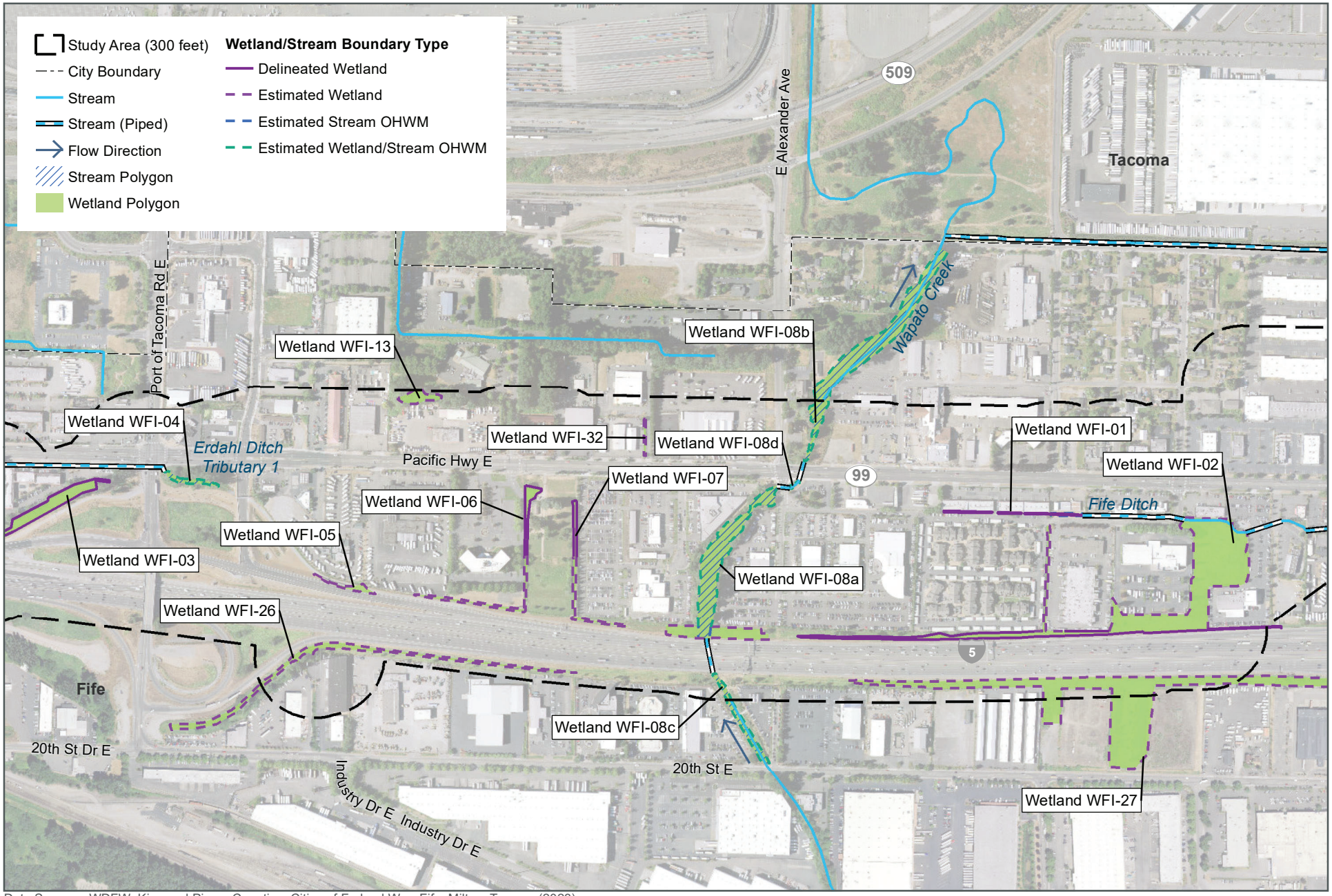

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-10
Wetland and Stream Existing Conditions
Fife Segment
Tacoma Dome Link Extension

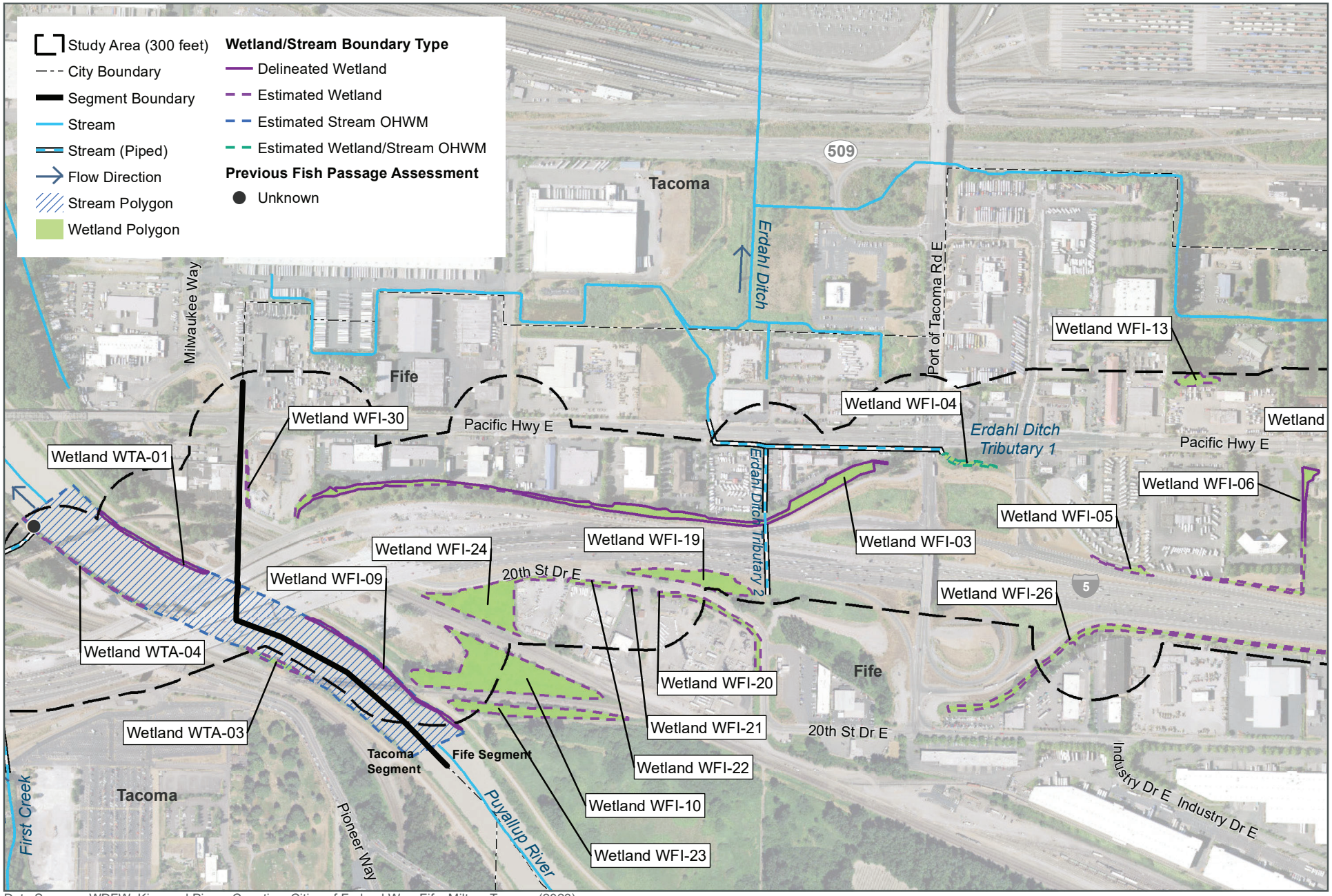

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-11
Wetland and Stream Existing Conditions
Fife Segment
Tacoma Dome Link Extension

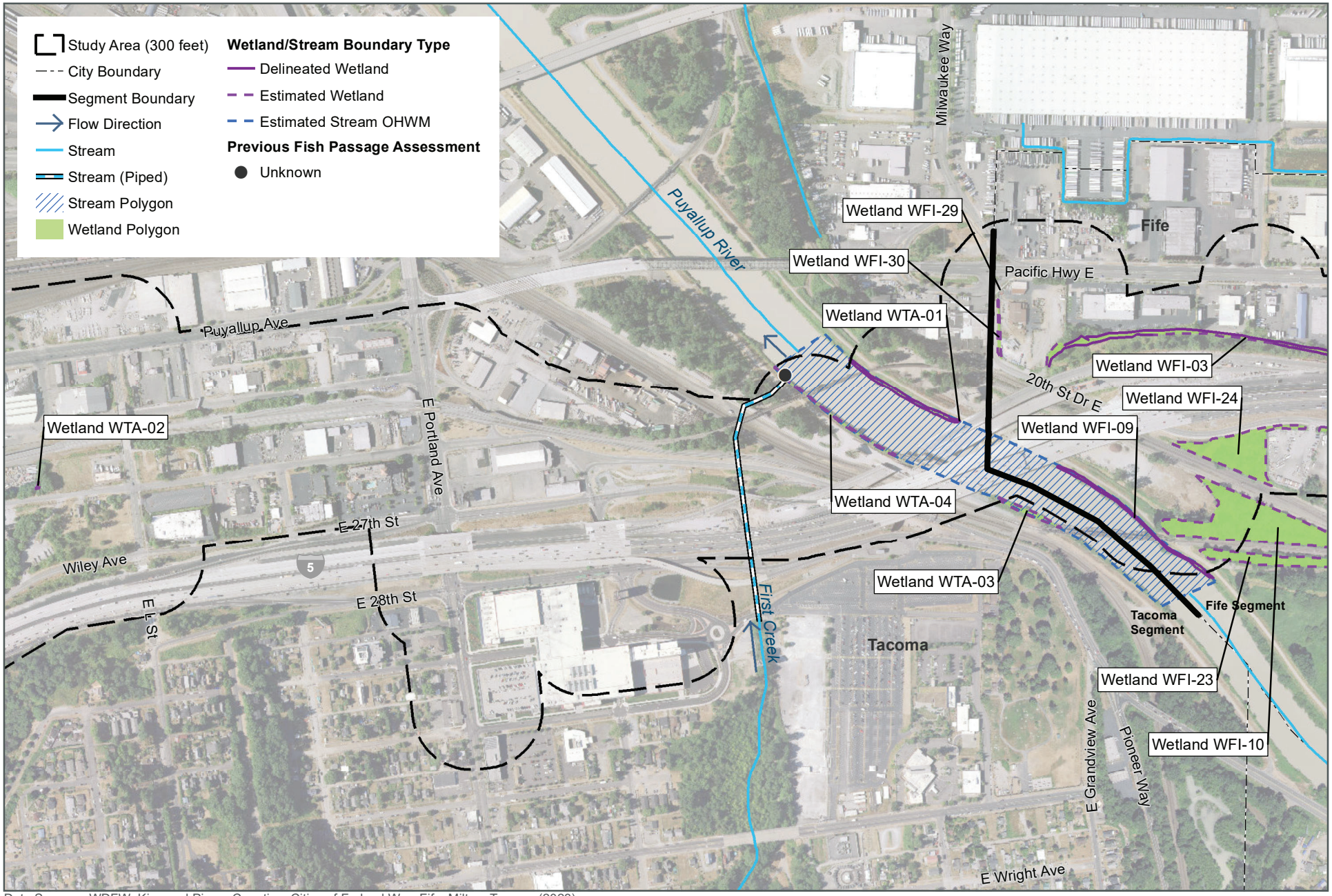

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-12
Wetland and Stream Existing Conditions
Tacoma Segment
Tacoma Dome Link Extension

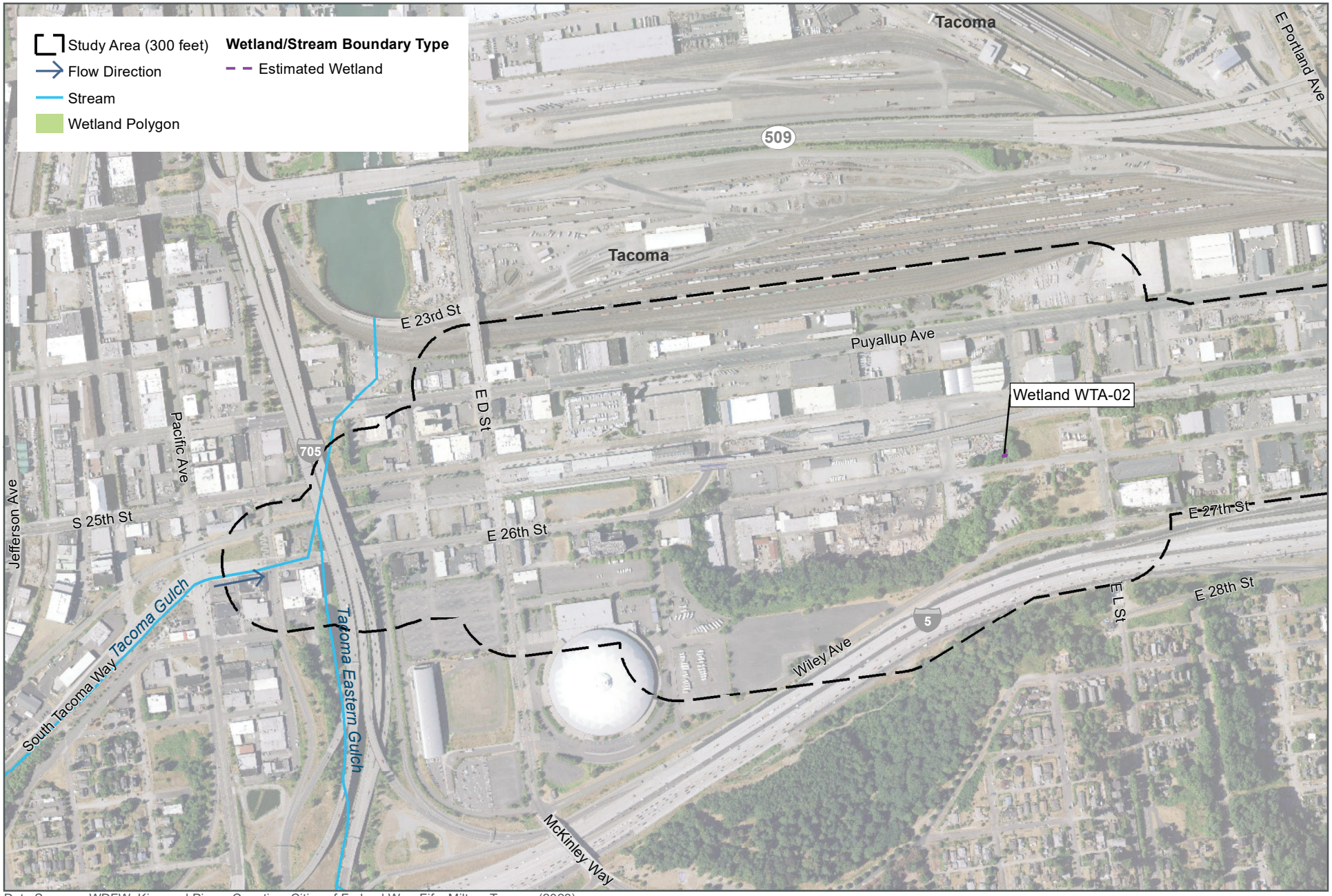

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-13
Wetland and Stream Existing Conditions
Tacoma Segment
Tacoma Dome Link Extension

3.1.2.1 East Fork Hylebos Creek Tributary 0016A

East Fork Hylebos Creek Tributary 0016A flows southward along the western side of I-5, through the Federal Way Segment and South Federal Way Segment. The portion of the stream in the study area is entirely within Federal Way. Before the construction of I-5 in 1965, the reaches of this stream that flow through the study area were the headwaters of Tributary 0013 in the West Fork Hylebos Creek subbasin. Construction of the I-5 system created a drainage catchment that permanently diverted Tributary 0016A into the East Fork Hylebos Creek subbasin (WSDOT and FHWA 2009).

East Fork Hylebos Creek Tributary 0016A originates east of I-5, north of S 320th Street in Federal Way. The stream is piped under the freeway, emerging near the northern end of the study area (Figure J4.3-1). The stream flows south for approximately 2.1 miles before turning east near S 356th Street and crossing I-5 to join other tributaries to form East Fork Hylebos Creek downstream of SR 161. The stream channel in the study area is low-gradient, straight, and confined between I-5 and residential, commercial, institutional, and light industrial developments.

East Fork Hylebos Creek continues on the east side of I-5 and converges with West Fork Hylebos Creek near the Porter Way crossing of I-5. From this point, the stream continues as Hylebos Creek, crossing back across to the west side of I-5 and discharging to the Hylebos Waterway in Tacoma.

Most of East Fork Hylebos Creek Tributary 0016A is in Federal Way, where land is largely developed. Most remaining undeveloped lands are in environmentally sensitive areas such as streams, wetlands, and their regulatory buffers. Continuing population growth and associated development threaten to place additional strain on the remaining natural resources, including East Fork Hylebos Creek Tributary 0016A.

The following subsections describe key habitats and stream features that are directly related to ecological functions supporting stream ecosystems and may be affected by the project, consistent with the stream habitat assessment guidelines established by Sound Transit (2016c).

Riparian Vegetation

Riparian vegetation along some portions of East Fork Hylebos Creek Tributary 0016A in the study area is dominated by native forest and wetlands. In other areas, native riparian vegetation has been replaced with landscaping, mowed grasses, or invasive shrubs.

Between approximately S 336th Street and S 356th Street, riparian vegetation along much of the stream is characterized as a mixed deciduous and coniferous forest. The mature forested canopy consists of bigleaf maple (*Acer macrophyllum*), black cottonwood (*Populus trichocarpa*), Oregon ash (*Fraxinus latifolia*), Douglas -fir (*Pseudotsuga menziesii*), red alder (*Alnus rubra*), Sitka willow (*Salix sitchensis*), and western redcedar (*Thuja plicata*). Understory species include cascara, vine maple (*Acer circinatum*), salmonberry (*Rubus spectabilis*), beaked hazelnut (*Corylus cornuta*), sword fern (*Polystichum munitum*), osoberry (*Oemleria cerasiformis*), red-twig dogwood (*Cornus sericea*), skunk cabbage (*Lysichiton americanus*), lady fern (*Athyrium filix-femina ssp. cyclosorum*), stink currant, red elderberry (*Sambucus racemosa*), Himalayan blackberry, trailing blackberry, stinging nettle (*Urtica dioica*), and reed canarygrass. Himalayan blackberry and reed canarygrass are commonly observed invasive species along streams in developed/developing areas. The left bank riparian zone in this area includes the fill slope for I-5 and is dominated by upland-associated vegetation, such as Douglas-fir. The right bank riparian zone is dominated by more typical riparian species, as described above.

Areas such as those described above, that are dominated by native forest and wetlands, are considered high-quality riparian habitat because they support functions such as fish and wildlife habitat provision; food chain support; water temperature maintenance; infiltration; groundwater recharge and discharge; sediment delivery, transport, and storage; organic matter input; nutrient and pathogen removal; and stream channel formation and maintenance. The presence of invasive plant species in these areas may reduce their capacity to support some functions, such as habitat provision. However, the presence of a diverse vegetation community dominated by native species allows these areas to continue to provide high-quality riparian habitat. In other parts of the study area, riparian habitat along East Fork Hylebos Creek Tributary 0016A has been degraded through the conversion of native and structurally complex habitats into landscaping, mowed grasses, or invasive shrubs.

The width of the vegetated riparian area south of S 336th Street ranges from 130 feet on the right bank to 150 feet on the left bank. Near S 341st Street, the vegetated riparian area narrows to 30 feet on the right bank and to 50 feet on the left bank. The stream then enters a culvert upstream of the WSDOT stormwater facility, north of S 344th Street. Where the stream resurfaces in the cloverleaf interchange between southbound I-5 and SR 18, the vegetated riparian area varies between 100 and 150 feet, narrowing as the stream approaches culverts on the upstream and downstream ends.

Riparian widths near the downstream end of East Fork Hylebos Creek Tributary 0016A, before it passes under I-5, are somewhat narrower than those upstream. The vegetated riparian area on the right (west) bank is 50 to 75 feet wide, and that on the left bank is approximately 25 feet wide. The final 480 feet of the stream in the study area (before it flows eastward under I-5) is a developed WSDOT mitigation site. The mitigation site planting includes salmonberry, immature Oregon ash, Pacific ninebark (*Physocarpus capitatus*), immature western redcedar, cascara saplings, red-twig dogwood, red alder saplings (volunteers), and black cottonwood saplings (volunteers). Invasive species, including reed canarygrass and Himalayan blackberry, are present in low densities. A large portion of the riparian corridor is dominated by wetland habitats and associated vegetation (Attachment E).

Canopy cover was measured every 150 feet along the surveyed stream length. The average stream canopy cover between S 336th Street and S 344th Street is 75 percent. Stream canopy cover in the onramp from southbound I-5 to westbound SR 18 is 79 percent; stream canopy cover in the onramp from southbound I-5 to eastbound SR 18 is 41 percent. The stream canopy cover in the WSDOT stream restoration area immediately upstream of the I-5 crossing is approximately 60 percent. The WSDOT restoration area has yet to reach full maturity, so the canopy cover in this area is expected to increase.

Physical In-stream Habitat

In general, habitat in East Fork Hylebos Creek Tributary 0016A is degraded. Glides (one of the least desirable habitat types for salmonids) make up 50.3 percent of the stream length between S 336th Street and the I-5 crossing of stream. Riffles constitute 30 percent of stream habitat, followed by pools (15.3 percent) and wetlands (3.9 percent).

The gradient of the stream is low, typically 1 percent or less. As a result, fine sediments have accumulated over time, resulting in the shallowing and widening of the streambed. Dense patches of reed canarygrass have become established in some low-energy areas, exacerbating the deposition of fine sediment and covering any usable spawning gravels. Fine sediment, including sand and silt, dominate the substrate composition in the study area. Patches of gravel are present, primarily in riffle areas; however, these gravels are typically 30 to 40 percent embedded with fine sediments. Pebble count data collected from representative riffle habitats

indicate that medium- to coarse-sized gravels (0.3 inch to 2.5 inches) are dominant, and small gravel and small cobble are subdominant.

Channel sinuosity in the study area is low. Much of the channel is confined within a straight and uniform (ditch-like) channel profile; reaches with a more natural, meandering profile are rare and short. Fine sediment deposition throughout the reach in the study area is raising the streambed elevation, resulting in frequent channel overtopping and the formation of backwaters and high-flow channels adjacent to the primary channel. During higher flows, the stream overtops its banks quickly and engages the floodplain and riparian wetlands.

LWD plays an important role in maintaining complex in-stream habitat and contributes to this by creating pools, sorting streambed sediment, providing in-stream cover, and contributing to food-web interactions, among other functions. Healthy stream function relies on LWD and its recruitment from the streams riparian zone. Large conifers provide the highest-quality LWD because they take longer to decompose and therefore contribute more to the stream over a longer period in comparison to deciduous species. With respect to East Fork Hylebos Creek Tributary 0016A, the number of pieces of LWD per mile of stream is good; however, the size and type of LWD reduces the ability of the LWD to function at a higher level. LWD is dominated by deciduous species and the length and diameter is less than that you would see in a properly functioning stream system (> 24-inch diameter and >50 feet in length).

Key restoration opportunities in East Fork Hylebos Creek Tributary 0016A in the study area include removal of fish passage barriers, debris, and garbage; removal and control of invasive plant species; LWD installation; and possible channel reconfigurations to increase pool quantity and quality, stream sinuosity, and overall habitat complexity.

Table J4.3-2 summarizes the characteristics of physical in-stream habitat of East Fork Hylebos Creek Tributary 0016A in the study area, using the metrics and measurements recommended by Sound Transit (2016c).

Table J4.3-2 Characteristics of Physical In-Stream Habitat for East Fork Hylebos Creek Tributary 0016A in the Study Area

Parameter	Metric/Measurement	Condition in Study Area
Channel Form and Profile	Macrohabitat – habitat type	Habitats in the study area were dominated by glide habitat (50%), followed by low gradient riffle habitat (30%), pools (15%), and wetlands (3%).
	Macrohabitat – pool characteristics	No pools in the project area exceeded 2 feet in depth, with average residual pool depths of 0.71 feet throughout the corridor. The intermittent nature of the stream, combined with moderately infiltrative soils, indicates that while pools may have some moderate ability to retain water, this water quickly dries up.
	Stream Slope	East Fork Hylebos Creek Tributary 0016A is a low-gradient stream within the project area. Stream slopes ranged from 0.4 percent to 1.1 percent.
	Stream Patterns	Straight.
	Confinement	The entrenchment ratio for all measurements was less than 2.2, indicating that the East Fork Hylebos Creek Tributary 0016A is only slightly entrenched with good connectivity to the adjacent floodplain.
	Channel Dimension/Shape	East Fork Hylebos Creek Tributary 0016A is characterized by a shallow U-shaped channel with an average bankfull width of 10.5 feet and an average bankfull depth of approximately 1.2 feet.
Streambank Condition	Stability	Streambanks are typically stable with some areas of low scour.
	Bank Hardening/ Revetments	Shoreline armoring is largely absent from the streambanks, except for riprap armoring at many of the culvert crossings.

Table J4.3-2 Characteristics of Physical In-Stream Habitat for East Fork Hylebos Creek Tributary 0016A in the Study Area (continued)

Parameter	Metric/Measurement	Condition in Study Area
Substrate/ Sediment	Particle Frequency	Representative pebble counts were conducted at several riffles and pool tail-out locations throughout the assessed reaches. In general gravels (particles ranging from 0.3 to 2.5 inches) were dominant; small gravel (0.08 to 0.3 inches) and small cobble (2.5 to 5 inches) were subdominant.
	Percentage of Fine Sediments/ Embeddedness	Gravels, where present, are typically between 30 and 40 percent embedded with fines.
Large Woody Debris (LWD)	LWD Presence, Frequency, and Location	Approximately 71 pieces of LWD were observed over the 3,234 feet of assessed stream length. This equates to a density of 115 pieces per mile. Of the 71 pieces observed, 66 percent were in the water, 31 percent spanned the channel, and 2 percent were not in the water but were below the bankfull elevation.
	Debris Jams	No debris jams were observed throughout the assessed reach.
	LWD Size	Coniferous logs averaged 28 feet in length and 12.2 inches in diameter, Deciduous logs averaged 23 feet in length and 8.1 inches in diameter.
	Age and Type	31 percent coniferous logs, 18 percent coniferous root wads, and 51 percent deciduous logs. The coniferous logs were typically in better condition with an average decay class of 2, which indicates the bark was typically still intact and the log maintained its original color. The majority of deciduous logs had a decay class between 3 and 4, meaning that most of the bark had gone and deterioration was advanced or advancing.
Cover and Refuge	Pool Quality	Pools in the project area have pool quality index values ranging from 2 to 4, with the majority being between 2 and 3. Pools, where present, were small, lacked sufficient depth, and had low to moderate cover.
	Undercut Banks	Undercut banks were rare throughout the reach. Undercut banks, where present, were shallow and provided little to no cover.
	Off-channel/ Side-channel Habitat	The surveyed reach was devoid of off-channel habitat such as side channels and beaver dams.
	In-stream Cover/Protection	Other than LWD, no boulders or aquatic macrophytes were present that would provide any type of cover. The intermittent nature of the stream prevents the colonization of the stream channel by aquatic macrophytes. Reed canarygrass is present in some areas; however, where present, this material tends to choke the channel and divert water around the channel and is effectively inaccessible to rearing fish.

Biological Connectivity

Numerous barriers to fish passage exist downstream of the study area and south of S 344th Street, including four partial barriers, four complete passage barriers, and one unknown barrier or crossing that has not been evaluated for fish passage (WDFW 2023c). Table J4.3-3 summarizes the status of known fish passage barriers in East Fork Hylebos Creek Tributary 0016A downstream of the uppermost surface-flowing segment in study area.

Table J4.3-3 Fish Passage Barrier Assessment for East Fork Hylebos Creek Tributary 0016A in the Study Area

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles) [1]	Barrier Status	Assessment Year	Ownership
Winged Foot Way	992364	0.00	Unknown	2015	Public
Burning Tree Boulevard	935279	0.10	Partial	2020	Private
Golf Course Path	935278	0.20	Partial	2020	Private
Abandoned Utility Corridor	935277	0.30	Partial	2020	Public
S 330th Street	935276	0.40	Partial	2020	Public

Table J4.3-3 Fish Passage Barrier Assessment for East Fork Hylebos Creek Tributary 0016A in the Study Area (continued)

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles) [1]	Barrier Status	Assessment Year	Ownership
S 333rd Street	935275	0.60	Partial	2020	Public
S 336th Street	935274	0.80	Partial	2020	Public
WSDOT Detention Facility near S 344th Street	935271	1.20	Partial	2020	Public
I-5 SB off-ramp at Exit 142B	995293	1.33	Partial	2015	Public
SR 18 at Exit 142B	995298	1.45	Complete	2019	Public
I-5 SB on-ramp at Exit 142B	995297	1.55	Complete	2015	Public
I-5	995292	1.96	Partial	2007	Public
WSDOT NB right-of-way Access Road	995295	2.31	Partial	2015	Public
20th Avenue S	995296	2.34	Partial	2019	Public
20th Place S	932946	2.49	Unknown	2014	Private
S 363rd Place	932945	2.53	Complete	2021	Public
South of 1st Street E	936030	4.33	Complete	2022	Private

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)

Notes:

(1) Measured from Winged Foot Way in Federal Way.

Water Quality and Quantity

East Fork Hylebos Creek Tributary 0016A is not on the most recent (2018) 303(d) list of impaired waters (Ecology 2023). The nearest listed segment is approximately 2 miles downstream, where East Fork Hylebos Creek is listed as impaired due to elevated levels of bacteria. Refer to Attachment C, Figure C-3 for locations of all 303(d) listed waterbodies in the study area.

East Fork Hylebos Creek Tributary 0016A flows intermittently in the study area. The streambed in this area is typically dry during summer and early fall. The stream channel was completely dry during the October 9, 2019, reconnaissance survey, and a soil pit excavated to a depth of 20 inches below the ground surface elevation in the stream failed to reach the groundwater table. Two weeks later (October 22, 2019), after several days of consistent rainfall, flows were reestablished in the stream channel. Several culverted and un-culverted discharges to East Fork Hylebos Creek Tributary 0016A were observed during site surveys. On the left bank, a culvert discharges to the stream directly from S 336th Street, which was assumed to be stormwater from the roadway. Another 12-inch-diameter corrugated plastic pipe discharges to the stream along the left bank at Station 1,530 and appears to originate from the adjacent commercial property. A quarry spall-lined channel, originating from a small culvert adjacent to I-5 and presumably conveying stormwater runoff from I-5, enters the right bank at Station 2,042.

Fish and Habitat Use

There is no documented or presumed[3] fish use in East Fork Hylebos Creek Tributary 0016A within the project area (NWIFC 2023). Under current conditions, human-created barriers to fish passage prevent anadromous salmonids from entering stream reaches in the study area (NWIFC 2023; WDFW 2023c). The presence of resident fish is unlikely, given the intermittent flow of the stream and the presence of barriers between the study area and potential population sources downstream. However, the basin size, channel width, and gradient of the stream

[3] Presumed use means reliable documentation of fish use is lacking, but available data and consensus indicate that fish are likely to be present.

indicate the potential to support fish in the future. For this reason, the stream is classified as a Type F stream, in accordance with Federal Way Municipal Code section 19.145.260.

The documented distribution of Chinook salmon distribution in the Hylebos Creek watershed does not extend into East Fork Hylebos Creek or its tributaries (NWIFC 2023). Chinook salmon are presumed to be present in East Fork Hylebos Creek only in the lowest 730 feet of the stream (NWIFC 2023), approximately 2.9 miles downstream of the study area. Chinook salmon are not presumed to use habitats in East Fork Hylebos Creek or its tributaries upstream of that point, but there are no gradient barriers that preclude access to East Fork Hylebos Creek Tributary 0016A in the study area (NWIFC 2023).

Coho salmon and winter-run steelhead have been documented in East Fork Hylebos Creek approximately 1.1 miles downstream of the study area (NWIFC 2023). Chum salmon have been documented in East Fork Hylebos Creek approximately 1.6 miles downstream of the study area. Pink salmon have not been documented in the Hylebos Creek system but are presumed to occur in East Fork Hylebos Creek as far upstream as 2.9 miles downstream of the study area (NWIFC 2023). As noted above, the basin size, channel width, and gradient of East Fork Hylebos Creek Tributary 0016A in the study area indicate the potential to support these species in the future. NWIFC (2023) classifies stream reaches in the study area as potentially accessible to coho salmon and steelhead.

3.1.2.2 West Fork Hylebos Creek Tributary 0014C

There are no surface-flowing segments of West Fork Hylebos Creek Tributary 0014C in the study area. All flow through the study area is contained in a pipe. As a result, no functional riparian vegetation or in-stream habitat is present in the study area, and these habitat elements are not described in this report.

West Fork Hylebos Creek Tributary 0014C originates west of I-5 near the northern end of the study area. After leaving the study area, the stream flows south through residential development to S 336th Street, where it enters a series of stormwater detention ponds. The stream then turns west and crosses SR 99 in a long, piped segment, before joining several other tributaries to form West Fork Hylebos Creek just north of S 356th Street. West Fork Hylebos Creek continues southeast and joins East Fork Hylebos Creek on the east side of I-5 near the Porter Way crossing of I-5. From this point, the stream continues as Hylebos Creek, crossing back across to the west side of I-5 and discharging to the Hylebos Waterway in Tacoma. The total stream length from the headwaters of West Fork Hylebos Creek Tributary 0014C to the confluence of Hylebos Creek with the marine waters of the Hylebos Waterway is approximately 6.6 miles.

The development history of the area is similar to that of East Fork Hylebos Creek Tributary 0016A; however, the intensity of development and the associated amount of impervious surface area are higher. As a result, West Fork Hylebos Creek Tributary 0014C has experienced substantial flooding and water quality problems as compared to East Fork Hylebos Creek Tributary 0016A. The City of Federal Way has constructed numerous stormwater facilities across the basin to address the flooding issues, including the stormwater facilities through which West Fork Hylebos Creek Tributary 0014C flows near S 324th Street and near S 336th Street.

Biological Connectivity

Numerous barriers to fish passage exist within and downstream of the study areas, including seven partial barriers, four complete passage barriers, and numerous unknown barriers or crossings that have not been evaluated for fish passage (WDFW 2023c). Table J4.3-4 summarizes the status of fish passage barriers within and downstream of the study area.

Table J4.3-4 Fish Passage Barrier Assessment for West Fork Hylebos Creek Tributary 0014C

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles) [1]	Barrier Status	Assessment Year	Ownership
The Dunes Court	995301	0.10 mi	Unknown	2015	Public
S 328th Place	995302	0.20 mi	Partial	2019	Private
Private Property	995303	0.23 mi	Partial	2015	Private
S 330th Street	995304	0.28 mi	Complete	2015	Public
20th Avenue S	933222	0.44 mi	Partial	2015	Public
S 333rd Street	933223	0.52 mi	Partial	2019	Public
S 336th Street	933224	0.72 mi	Partial	2015	Public
SR 99	933225	0.84 mi	Complete	2015	Public
S 340th Street	933226	1.11 mi	Unknown	2015	Private
Private Property	933227	1.25 mi	Complete	2015	Private
Private Property	933229	1.29 mi	Partial	2015	Private
Private Property	933061	1.36 mi	Unknown	2019	Private
Private Property	933060	1.63 mi	Unknown	2015	Public
S 348th Street	933058	1.74 mi	Complete	2015	Public
S 356th Street	992011	2.44 mi	Partial	2019	Public
S 373rd Place	921135	3.81 mi	Unknown	2018	Public

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)
Notes:
(1) Measured from the furthest upstream surface-flowing segment in the study area.

Water Quality and Quantity

The segments of West Fork Hylebos Creek Tributary 0014C in and immediately downstream of the study area flow only intermittently. Reaches of the stream in the South Federal Way Segment are on the most recent (2018) 303(d) list of impaired waters, based on violations of state standards for copper, lead, zinc, dibenzo(a,h)anthracene, and benzo(a)pyrene (Ecology 2023). Large amounts of impervious surface area in the upper watershed have likely contributed to elevated levels of pollutants associated with vehicle use, including metals such as copper, lead, and zinc. Refer to Attachment C, Figure C-3 for locations of all 303(d) listed waterbodies in the study area.

The high level of development and associated impervious surface have over the years resulted in severe flooding in the West Fork Hylebos Creek basin. This urbanization has also contributed to altered peak and base flows in West Fork Hylebos Creek Tributary 0014C (King County 1990). As a result, Federal Way has initiated and completed numerous flood control projects including large stormwater facilities throughout the basin.

Fish and Habitat Use

Based on the presence of human-created barriers to fish passage, no anadromous fish are documented or presumed to use West Fork Hylebos Creek Tributary 0014C in the study area (WDFW 2023a, 2023c; NWIFC 2023). However, the basin size, channel width, and gradient of the stream indicate the potential to support fish in the future. For this reason, the stream is

classified as a Type F stream, in accordance with Federal Way Municipal Code section 19.145.260. According to NWIFC (2023), salmonid species potentially present in West Fork Hylebos Creek Tributary 0014C near the study area are Chinook salmon, coho salmon, steelhead, pink salmon, chum salmon, and cutthroat trout.

3.1.2.3 West Fork Hylebos Creek

West Fork Hylebos Creek originates in West Hylebos Wetlands Park near S 348th Street in Federal Way and flows south through forested habitats west of SR 99 (HDR 2014). The stream is joined by several tributaries before it crosses beneath I-5 in the City of Milton and joins the East Fork Hylebos Creek to form the main stem of Hylebos Creek. Assessed portions of West Fork Hylebos Creek include approximately 300 feet on the west side of SR 99 extending downstream and to the west side of SR 99 to the I-5 crossing. Some small segments of habitat on the east side of SR 99 were not evaluated due to lack of access; however, the habitat that was assessed was a significant contiguous block.

West Fork Hylebos Creek is considered to contain the highest-quality habitat within the entire Hylebos Creek watershed, which can be attributed in part to the large riparian wetland complexes that buffer the stream from some of the adverse impacts associated with the highly developed watershed (EarthCorps 2016; HDR 2014; King County 1990).

The City of Federal Way has identified the lower reaches of West Fork Hylebos Creek (near the southern end of the South Federal Way Segment) as a top priority for conservation within their jurisdiction. The city has undertaken a substantial effort to acquire properties and to begin restoration of degraded habitat in those areas (EarthCorps 2016). The Puyallup Tribe of Indians is also focused on restoration of salmon habitat in Hylebos Creek and its tributaries.

Riparian Vegetation

Within the assessed portion of the study area and on the east side of SR 99, West Fork Hylebos Creek has relatively good access to the floodplain, and riparian wetlands are common along the shallow benches above the active channel. These wetlands typically extend beyond the OHWM to the base of slopes that delineate the boundary between upland and riparian habitats. The riparian overstory is dominated by red alder with lesser amounts of Oregon ash, black cottonwood, Sitka willow, and Pacific willow (*Salix lasiandra*). The understory is dominated by salmonberry, Himalayan blackberry, red-twig dogwood, reed canarygrass, sword fern, lady fern, skunk cabbage and pockets of cattail (*Typha latifolia*). Conifers are found along the margins but are effectively outside of the riparian corridor and contribute little in the way to improving cover and in-stream habitat conditions within the lower creek. Restoration efforts in the basin should focus on installation of key pieces of coniferous LWD into the active channel and adjacent floodplain as well as including supplemental plantings in the riparian buffer. Reed canarygrass, bittersweet nightshade, and spotted jewelweed are common and dense in areas throughout the lower section of West Fork Hylebos Creek.

Within the assessed portions of study area and on the west side of SR 99, the riparian vegetation shifts slightly as the channel becomes confined, with little access to floodplain habitats. Dominant overstory vegetation includes big leaf maple, Sitka willow, western redcedar, and red alder with an understory dominated by salmonberry, sword fern, vine maple, and red-twig dogwood. Spotted jewelweed and bittersweet nightshade, both of which are invasive species, are common along the banks.

Physical In-Stream Habitat

Within the study area, West Fork Hylebos Creek exhibits different characteristics on either side of SR 99. On the east side of SR 99, the channel is lower in gradient and has better access to floodplain, while on the west side of SR 99, the channel is steeper, more confined, and has little access to the floodplain.

The width of West Fork Hylebos Creek's channel on the east side of SR 99 ranges between 13 and 18 feet, has a gradient between 0.5 and 2 percent, has fair sinuosity, and has good access to the floodplain downstream of SR 99. There is a higher percentage of pool and glide habitat throughout with lesser amounts of riffle habitat. Substrate within the evaluated reaches are dominated by fine materials including sand and silts, which has degraded available gravel spawning and reduced pool quality by decreasing pool volume. LWD is present in fair quantities; however, this material is typically small-diameter deciduous material. Streambanks consist primarily of fine sediment and are vertical and raw in most places. Bank undercutting is common, especially in areas where undercutting is accelerated by the combination of fine sediment and tree roots. The riparian corridor width is typically greater than 100 feet on both banks; however, the quality of the riparian vegetation is reduced by the lack of conifers and prevalence of invasive species such as reed canarygrass and Himalayan blackberry.

The width of West Fork Hylebos Creek on the west side of SR 99 ranges between 13 and 14 feet, and the gradient is steeper than those observed east of SR 99. Riffle/pool habitat complexes are more characteristic within this reach, and substrates are dominated more by gravels, making this area more suitable for spawning. Almost the entire reach evaluated on the west side of SR 99 has been manipulated as part of WSDOT's replacement of the SR 99 culvert in 2015/2016 and the included channel grading, installation of LWD along the right bank and the construction of a step-pool complex Due to its proximity to existing development, the riparian corridor along the left bank is narrower, and riprap has been used to provide bank stability and protect adjacent infrastructure.

Table J4.3-5 summarizes the characteristics of physical in-stream habitat of West Fork Hylebos Creek in the study area, using the metrics and measurements recommended by Sound Transit (2016c).

Table J4.3-5 Characteristics of Physical In-Stream Habitat for West Fork Hylebos Creek in the Study Area

Parameter	Metric/Measurement	Condition in Study Area
Channel Form and Profile	Macrohabitat – habitat type	Habitats on the east side of SR 99 habitats are dominated by pools (54%), followed by glide habitat (32%), runs (8%) and low gradient riffle habitat (6%). On the immediate west side of SR 99, historic restoration actions have altered the channel morphology with inclusion of placed LWD and constructed step pools. In this area, low- to moderate-gradient riffle habitats are dominant (49%), followed by pocket water (28%) and plunge pools (23%) that are associated with the constructed step pool design (notched, channel spanning weirs).
	Macrohabitat – pool characteristics	In general, pools on both sides of SR 99 were of fair to good quality, many with depths exceeding 1 meter. While most pools had adequate depth, cover was limited in most instances, and where cover was present, it was mostly provided by dense reed canarygrass.
	Stream Slope	West Fork Hylebos Creek is a low-gradient stream within the project area. Stream slopes ranged from 0.5% to 1% on the east side of SR 99, while channel gradients increased to 2% to 6% on the west side of SR 99.
	Stream Patterns	Moderately sinuous downstream of SR 99 and less so above.

Table J4.3-5 Characteristics of Physical In-Stream Habitat for West Fork Hylebos Creek in the Study Area (continued)

Parameter	Metric/Measurement	Condition in Study Area
	Confinement	Confined upstream of SR 99 and generally unconfined, with good access to the floodplain downstream of SR 99.
	Channel Dimension/Shape	West Fork Hylebos Creek downstream of SR 99 is characterized by a deep U-shaped channel with an average bankfull width of 14.6 feet and an average bankfull depth of approximately 3.1 feet. Upstream of SR 99, the channel shape is a narrower and shallower U-shaped channel with a bankfull width of 13 feet and the bankfull depth also decreases to 2.1 feet.
Streambank Condition	Stability	Streambanks are typically stable with some areas of low scour.
	Bank Hardening/ Revetments	Shoreline armoring is largely absent from the streambanks on the downstream side of SR 99; however, upstream of SR 99, one or both banks are armored with angular rock throughout the assessed reach.
Substrate/ Sediment	Particle Frequency	Downstream of SR 99, fines including sand and silt were the dominant substrate. Upstream of SR 99, the substrates were dominated by gravel with cobble/small boulders being subdominant.
	Percentage of Fine Sediments/ Embeddedness	Upstream of SR 99, gravels were estimated to be 15% embedded with fines in pool tailouts and riffles providing fair spawning habitat for salmonids. Downstream of SR 99, gravels, where present, were heavily embedded with fines (greater than 40%), which reduces their effectiveness as a spawning substrate for salmonids
Large Woody Debris (LWD)	LWD Presence, Frequency, and Location	Approximately 39 pieces of LWD were observed over the 1,090 feet of assessed stream length downstream of SR 99. This equates to a density of 189 pieces per mile. Of the 39 pieces observed, 62% were in the water, 20% spanned the channel, and 18% were not in the water but were below the bankfull elevation. Upstream of SR 99, the only pieces of LWD documented were 10 pieces of 18- to 24-inch diameter pieces of LWD installed along the right bank and 5 sets of channel-spanning log weirs (notched). No natural LWD recruitment was observed upstream of SR 99.
	Debris Jams	No debris jams were observed throughout the assessed reach.
	LWD Size	Coniferous logs averaged 25 feet in length and 18.2 inches in diameter, Deciduous logs averaged 13 feet in length and 9 inches in diameter.
	Age and Type	15% coniferous logs, 3% unknown root wads, and 82% deciduous logs. The coniferous logs were typically in better condition with an average decay class of 3, which indicates the bark was typically still intact and the log maintained its original color or was darkening. The majority of deciduous logs had a decay class between 4 and 5, meaning that most of the bark was gone and deterioration was advanced or advancing.
Cover and Refuge	Pool Quality	The majority of pools assessed were between 2 and 3 feet in depth and typically had fair to good cover, so associated pool quality index values typically ranged between 3 and 4.
	Undercut Banks	Undercut banks were common throughout the reach. Undercut banks, where present, provided good cover.
	Off-channel/ Side-channel Habitat	Off-channel and side-channel habitats are limited within the assessed reaches. Some evidence of beaver presence was observed, but no active dams were documented within the assessed reaches.
	In-stream Cover/Protection	Other than LWD, reed canarygrass is present and likely provides some form of in-stream cover; however, this aquatic macrophyte also tends to obstruct flow and retain fine sediment, which often poses a barrier to fish movement, depending on flow conditions.

Biological Connectivity

There are no known barriers to fish passage downstream of the study area (WDFW 2023c).

Water Quality and Quantity

West Fork Hylebos Creek within the study area is a perennial stream and is identified on the most recent (2018) 303(d) list of impaired waters for exceeding surface water quality standards for temperature, dissolved oxygen, bacteria, and benthic macroinvertebrate bioassessment (Ecology 2023). Upstream reaches outside the study area have also been identified on the 303(d) list of impaired waterbodies for exceeding surface water quality standards for temperature, dissolved oxygen, bacteria, copper, lead, zinc, benzo(a)pyrene, and dibenzo(a,h)anthracene (Ecology 2023) Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Good water quality is a common characteristic of all healthy streams. Benthic index of biotic integrity (B-IBI) is a measure of stream health based on the abundance and type of stream macroinvertebrates (e.g., insects, worms, snails) present at a site (SSI 2020). Stream macroinvertebrates vary in their sensitivity to environmental stressors, such as poor water quality, and are therefore excellent indicators of stream health. Highly degraded streams tend to support only the most tolerant types of macroinvertebrates and result in low B-IBI scores. Streams that support a diverse group of sensitive macroinvertebrates produce higher scores. B-IBI scores decline predictably along a gradient of land use intensity (SSI 2020). B-IBI samples have been collected in multiple locations along the West Fork Hylebos Creek by several different entities (Ecology, City of Federal Way, Puyallup Tribe), and, in general, B-IBI scores indicate poor to fair stream health extending from approximately S 356th Street to the confluence with the mainstem Hylebos Creek (PSSB 2024). Given intense land use in the contributing basin and multiple 303(d) listings for impaired water quality within this reach (discussed above) and in upstream contributing streams (see Section 3.1.2.2 – West Fork Hylebos Creek Tributary 0014C), the resulting low B-IBI scores reported for West Fork Hylebos Creek appear to be supported.

Development conditions in the contributing basin for West Fork Hylebos Creek are similar to that discussed above in Sections 3.1.2.1 and 3.1.2.2 for East Fork Hylebos Creek Tributary 0016A and West Fork Hylebos Creek Tributary 0014C, respectively. However, unlike the smaller tributaries, the hydrologic conditions in West Fork Hylebos Creek are supported by large riparian wetland complexes that help maintain base flow conditions and attenuate peak flows. Hydrologic conditions are still not optimal and flood storage is still an issue, Federal Way has implemented numerous flood control projects throughout the watershed to improve these conditions.

Fish and Habitat Use

Salmonid species with documented presence in West Fork Hylebos Creek in or near the study area include bull trout, Chinook salmon, coho salmon, steelhead, chum salmon, and cutthroat trout (Heltzel 2018 pers. comm.; NWIFC 2023; WDFW 2023a). Coho salmon have been documented spawning within the study area, and pink salmon are presumed to occur in West Fork Hylebos Creek (NWIFC 2023). The Puyallup Tribal Fisheries Department has documented Chinook salmon, chum salmon, coho salmon, pink salmon, and steelhead spawning in West Fork Hylebos Creek between SR 99 and the confluence with the East Fork Hylebos Creek (Marks et al. 2018).

Despite the lack of suitable habitat in the Hylebos Creek basin, there was one report of a single sub-adult bull trout captured near the S 373rd Street crossing of West Fork Hylebos Creek in August 2018 (Heltzel 2018 pers. comm.). This is considered a rare encounter, and bull trout are not expected to be present in the system, yet their presence cannot be discounted. Other fish species documented in West Fork Hylebos Creek include threespine stickleback (*Gasterosteus aculeatus*), western brook lamprey (*Lampetra richardsoni*), yellow perch (*Perca flavescens*), bass (*Micropterus* spp.), and sculpin (*Cottus* spp.) (HDR 2014; Marks et al. 2018). Several of these species have special regulatory status, which is described in more detail in Section 3.4.

Chinook salmon typically enter and spawn in Hylebos Creek and all accessible tributaries between October and December of each year. Chinook emerge from gravels in March and April and rear in the system between 2 months and a year before migrating to Puget Sound. Coho typically enter in the fall and spawn in late fall to early winter (September to January). Fry emerge in the spring and juveniles typically rear in the stream between 1 and 2 years before outmigrating to Puget Sound in the spring. Pink salmon and chum salmon typically migrate to the sea shortly following emergence; therefore, they spend little time rearing in their natal streams but move quickly to the marine nearshore to complete their juvenile rearing. Adult winter-run steelhead typically spawn in late winter and continue through early spring.

West Fork Hylebos Creek in the study area is a migration corridor for all salmonid species and provides rearing habitat for juvenile cutthroat trout, coho salmon, Chinook salmon, and steelhead. Sediments in the lower portion of West Fork Hylebos Creek are dominated by sand and silt, but some small and isolated patches of suitable spawning habitat are available. Spawning habitat is more prevalent in upstream reaches, outside the study area.

3.1.2.4 North Fork Hylebos Creek

North Fork Hylebos Creek originates in regional stormwater facilities immediately north of S 356th Street, is conveyed beneath S 356th Street, and then flows south to its confluence with West Fork Hylebos Creek approximately 1.1 miles downstream. Approximately 250 linear feet of stream channel was evaluated south of S 356th Street.

North Fork Hylebos Creek, a significant tributary to West Fork Hylebos, contains moderate-quality habitat, which can be attributed in part to the large riparian wetland complexes that contribute groundwater flow to the stream and buffer it from development in the watershed.

Riparian Vegetation

Riparian vegetation within the study area is limited to a narrow band (50 feet) of immature mixed coniferous and deciduous forest that includes red alder, western hemlock (*Tsuga heterophylla*), and western redcedar, with an understory consisting mainly of sword fern, osoberry, red-twig dogwood, Himalayan blackberry, and reed canarygrass. Downstream of the study area, riparian conditions improve as the stream flows into a broad floodplain dominated by large wetland complexes south of S 356th Street.

Physical In-Stream Habitat

The portion of stream evaluated south of S 356th Street is confined within a straight, ditch-like channel. Bankfull width ranges from 4 to 7 feet. The channel is degrading, with evidence of minor channel incision (2 to 3 feet below ground surface elevation) in the reach. Substrates were dominated by cobble and fines, with some scattered boulders, likely bank armoring as there is also some scattered armoring along both banks.

No LWD was documented within the reach. LWD input will be limited until forested riparian habitat reaches maturity. The channel was mostly dry during site investigations in May of 2023; however, there were areas of standing water. Under wetted conditions, the channel would likely contain small riffle/run/pool complexes.

Biological Connectivity

Numerous barriers to fish passage exist within and downstream of the study area, including one partial barrier and three unknown barriers that have not been evaluated for fish passage (WDFW 2023c). Table J4.3-6 summarizes the status of fish passage barriers within and downstream of the study area.

Table J4.3-6 Fish Passage Barrier Assessment for North Fork Hylebos Creek

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles)[1]	Barrier Status	Assessment Year	Ownership
S 356th Street	105 R122912A	0.00 mi	Unknown	1999	Public
S 359th Street	105 R121619A	0.26 mi	Partial	2023	Public
S 364th Street	105 R121618B	0.46 mi	Unknown	1999	Private
8th Avenue S	922012	0.76 mi	Unknown	2021	Public

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)

Notes:

(1) Measured from the furthest upstream surface-flowing segment in the study area.

Water Quality and Quantity

There is currently one 303(d) listing for impaired water quality for North Fork Hylebos Creek for the benthic macroinvertebrate bioassessment parameter (Ecology 2023). Current (2022) and historic (2013–2014) B-IBI sampling and associated scoring indicates fair to poor stream health within the sampled areas upstream and downstream of S 359th Street (PSSB 2024). The largest contributors to streamflow in this stream are groundwater and stormwater. Downstream of the study area, groundwater interaction plays more of a dominant role in determining flows as the channel transitions into a broader floodplain dominated by extensive wetlands. No flow was observed in the channel within the study area during the May 9, 2023, site evaluation; only standing water in some residual pool areas was observed. Based on these observations, this headwater area supports an intermittent flow regime. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Salmonid species with documented presence in North Fork Hylebos Creek in or near the study area include coho salmon and steelhead (NWIFC 2023; WDFW 2023a). Chum salmon have been documented spawning downstream of 8th Avenue S (NWIFC 2023), and there are historic accounts of large numbers of chum salmon spawning upstream of S 364th Street (WDFW 2021). Reaches in the study area are upstream of reaches classified by NWIFC (2023) as gradient-accessible[4] for chum salmon (NWIFC 2023); therefore, this species is not expected to be present in the study area.

[4] Stream reaches classified as gradient-accessible are those to which access is not precluded by stream channel gradients that pose a barrier to upstream migration.

Chinook salmon are presumed to occur in the very lowest reach of North Fork Hylebos Creek (approximately 1 mile downstream of the study area), but stream reaches in the study area are classified as gradient-accessible to Chinook salmon (NWIFC 2023). Based on the intermittent flow regime and poor habitat quality, Chinook salmon are not expected to be present in stream reaches in the study area.

Pink salmon are presumed to occur in West Fork Hylebos Creek as far upstream as the confluence of North Fork Hylebos Creek. North Fork Hylebos Creek is only considered gradient-accessible to pink salmon extending upstream through the study area. The Hylebos Creek drainage also supports a thriving coastal cutthroat trout population (Marks et al. 2021); therefore, it is highly likely that coastal cutthroat trout could be present in the study area when flows are present.

As indicated above for West Hylebos Creek, a single bull trout was captured near the S 373rd Street crossing of West Fork Hylebos Creek; therefore, it is possible, although extremely unlikely, that bull trout could access the study area under certain flow conditions.

Based on their documented presence in West Fork Hylebos Creek, three-spine stickleback, western brook lamprey, yellow perch, bass, and sculpin could be present in this stream reach (HDR 2014; Marks et al. 2018, 2021). Several of these species have special regulatory status, which is described in more detail in Section 3.4.

3.1.2.5 Federal Way Stream 1 (SFW-01)

Stream SFW-01 originates on the east side of I-5, approximately 400 feet north of the Pierce/King County boundary and is conveyed beneath I-5 in an approximately 36-inch-diameter round concrete culvert. This stream flows from east to west. From the culvert outlet on the west side of I-5, the stream flows approximately 400 feet due west to its confluence with the left bank of West Fork Hylebos Creek in the south end of Federal Way.

Riparian Vegetation

Riparian vegetation within the WSDOT right-of-way is limited to reed canarygrass and Himalayan blackberry. Once out of the right-of-way, the vegetation is characterized by a narrow band of mature red alder with an understory of salmonberry, red elderberry, and sword fern before dropping down to the West Fork Hylebos Creek floodplain. Here the overstory continues to be dominated by red alder but the understory shifts to salmonberry and vine maple with some skunk cabbage and patchy Himalayan blackberry.

Physical In-Stream Habitat

Upon exiting the culvert beneath I-5, the channel is straight, with a fine silty substrate for the first 150 feet and an average wetted width of approximately 4 feet. The banks on either side of the stream are steep but stable in that reach. From that point, the channel profile remains straight but narrows considerably, with some severe channel incision (downcutting). In spots, the channel is approximately 1.5 to 2 feet wide with vertical 7-foot-high banks on either side. Farther downstream, the channel slope increases to approximately 20 percent, with a 40-foot stretch of cascades over a dense hardpan substrate. Once over the cascade, the stream washes out onto the West Fork Hylebos Creek floodplain in multiple diffuse channels. These channels are poorly defined in areas and are generally less than 2 feet wide. Clay and fine sediments characterize the substrate throughout the lower 50 feet of channel and before the confluence with West Fork Hylebos Creek.

Woody debris (predominantly red alder) is present within the upper reach near I-5, but the LWD typically spans the channel and does not contribute to the formation of complex habitats. The upper 150 feet is characterized by shallow glide habitat, which quickly changes to higher-gradient riffle and cascade habitats with water depths generally less than 2 inches.

Biological Connectivity

Currently, there are no documented barriers to fish passage downstream of the study area (WDFW 2023c). The stream is conveyed beneath I-5 in a 36-inch-diameter pre-cast concrete pipe. Upstream and east of I-5, Stream SFW-01 is less than 2 feet wide and is therefore not considered fish habitat. Downstream and west of I-5, some segments of the stream channel are greater than 2 feet wide. However, there are some very narrow segments (approximately 1 foot wide) that plunge over steep cascades with a slope greater than 20 percent that are likely impassable under any flow conditions and thus present a natural barrier to fish passage. Once the stream spills into the West Hylebos floodplain, the channel braids and its definition are lost in some areas. In general, the channel is less than 2 feet wide, and the potential for this stream to support fish use is considered extremely unlikely.

Water Quality and Quantity

There are currently no 303(d) listings for Stream SFW-01 (Ecology 2023); however, it is likely the stream has never been assessed for water quality. The largest contributor to stream flow is runoff from I-5, with minimal input from groundwater. As such, this small stream is ephemeral, flowing only during and following rainfall. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Currently, there is no documented fish use of Stream SFW-01. The narrow channel width and segment of steep gradient likely limit fish use or access into the stream within the study area.

3.1.2.6 Federal Way Stream 2 (SFW-02)

Stream SFW-02 originates in a wetland (WFW-38) approximately 450 feet south of the intersection of SR 99 and S 359th Street. No culvert was located that would convey the stream across SR 99 to the east; however, it is possible that Stream SFW-02 and Federal Way Stream 4 (SFW-04), discussed below, are the same stream. It is assumed that the stream is conveyed beneath SR 99 and eventually converges with North Fork Hylebos Creek.

Riparian Vegetation

Riparian vegetation outside of the right-of-way includes an overstory of red alder with an understory composed of salmonberry, osoberry, dogwood, skunk cabbage, and giant horsetail (*Equisetum telmateia*). The stream channel as it parallels the roadway is primarily vegetated with Himalayan blackberry and reed canarygrass.

Physical In-Stream Habitat

Stream SFW-02 has a bankfull width between 2 and 3 feet wide and moderate sinuosity outside of the right-of-way. Once along the roadway, the stream takes on the shape and characteristics of a typical trapezoidal ditch. Habitat types observed include low-gradient riffles, runs, and cascades. Streambanks appeared to be relatively stable and vegetated with little or no scour observed.

Biological Connectivity

It is assumed that Stream SFW-02 is conveyed beneath SR 99 and likely joins North Fork Hylebos Creek several hundred feet east of SR 99. The exact location of the stream's crossing of SR 99 could not be found. Therefore, at this time, it is unclear whether the SR 99 crossing of Stream SFW-02 is a barrier to fish passage.

Water Quality and Quantity

There are currently no 303(d) listings for Stream SFW-02 (Ecology 2023); however, it is likely the stream has never been assessed for water quality. The largest contributor to stream flow is groundwater and runoff from SR 99. It is likely that the stream is intermittent, with the stream channel drying up during the late summer months. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Currently, there is no documented fish use of Stream SFW-02 (NWIFC 2023; WDFW 2023a). Since there was no apparent downstream connection to North Fork Hylebos Creek, the stream is considered a non-fish-bearing stream. If the stream is determined to be connected to Stream SFW-04, the stream rating may be upgraded to fish-bearing.

3.1.2.7 Federal Way Stream 3 (SFW-03)

Stream SFW-03 originates in a large wetland (WFW-43) on the west side of SR 99 and is conveyed beneath SR 99 in an approximately 24-inch-diameter round concrete culvert. This stream flows from west to east. From the culvert outlet on the east side of SR 99, the stream flows due east for approximately 200 feet before the channel loses definition in a large wetland (WFW-39). It is unclear where or if the downstream channel ever reappears; however, it is assumed that the stream is connected to North Fork Hylebos Creek to the east and outside of the study area.

Riparian Vegetation

The riparian zone surrounding Stream SFW-03 is forested, with an overstory composed of red alder and black cottonwood and an understory composed of salmonberry, lady fern, Douglas spirea (*Spiraea douglasii*), stinging nettle, giant horsetail, reed canarygrass, and small-fruited bulrush (*Scirpus microcarpus*). The riparian corridor is more than 150 feet wide on either side of the stream within the assessed area.

Physical In-Stream Habitat

Upon exiting the culvert beneath SR 99, the channel is straight, with a fine silty substrate and a bankfull width between 3 and 5 feet. The lack of coarser-grained substrates indicates that this is a low-energy system. Streamflow appears to be supported by stormwater inputs from SR 99 as well as groundwater.

Woody debris in and adjacent to the channel is generally small and deciduous. The low energy flow and lack of woody material results in a simplified and straight channel that is characterized mainly as shallow glide habitat.

Biological Connectivity

Currently, there are no documented barriers between Stream SFW-04 and North Fork Hylebos Creek (WDFW 2023c); however, the culvert beneath SR 99 has not been evaluated for fish passage.

Water Quality and Quantity

There are currently no 303(d) listings for Stream SFW-03 (Ecology 2023); however, it is likely the stream has never been assessed for water quality. The largest contributor to stream flow is runoff from SR 99 and input from groundwater. Streamflow is anticipated to be intermittent, with low-flow and dry-channel conditions occurring in late summer and early fall. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Currently, there is no documented fish use of Stream SFW-03 (NWIFC 2023; WDFW 2023a). The stream is anticipated to support fish use similar to that observed in the upper portion of North Fork Hylebos Creek (see above).

3.1.2.8 Federal Way Stream 4 (SFW-04)

Stream SFW-04 is conveyed beneath SR 99 in an approximately 18-inch-diameter, round, concrete culvert. It is likely that Stream SFW-02 is the upstream continuation of Stream SFW- 04, but this has yet to be verified. From the culvert outlet on the east side of I-5, the stream flows approximately 1,400 feet east and then southeast to its confluence with the right bank of North Fork Hylebos Creek in the southern portion of Federal Way. The study area includes only the portion of stream extending from the culvert outlet on the east side of SR 99 eastward for approximately 380 feet.

Riparian Vegetation

The riparian zone surrounding Stream SFW-04 is forested, with an overstory composed of red alder and black cottonwood and an understory composed of salmonberry, giant horsetail, lady fern, and sword fern. The riparian corridor is more than 150 feet wide on either side of the stream within the assessed area.

Physical In-Stream Habitat

Upon exiting the culvert beneath SR 99, the channel is straight, with a small gravel dominated substrate and a bankfull width that ranges between 2 and 4 feet. In general, the gravels are heavily embedded with fines. Habitats include low-gradient riffle and glide habitat.

Woody debris is present, but the LWD typically spans the channel and does not contribute to the formation of complex habitats. Downstream of the study area, the channel gradient steepens before the stream enters the wide floodplain habitats associated with North Fork Hylebos Creek.

Biological Connectivity

Currently, there are no documented barriers between Stream SFW-04 and North Fork Hylebos Creek (WDFW 2023c); however, the culvert beneath SR 99 has not been evaluated for fish passage.

Water Quality and Quantity

There are currently no 303(d) listings for Stream SFW-04 (Ecology 2023); however, it is likely the stream has never been assessed for water quality. The largest contributor to stream flow is runoff from SR 99 and input from groundwater. Streamflow is anticipated to be intermittent, with low-flow and dry-channel conditions occurring in late summer and early fall. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Currently, there is no documented fish use of Stream SFW-04 (NWIFC 2023; WDFW 2023a). The stream is anticipated to support fish use similar to that observed in the upper portion of North Fork Hylebos Creek (see above).

3.1.2.9 Milton Stream 1 (SMI-01)

Milton Stream 1 (SMI-01) originates within a roadside ditch on the west side of I-5 immediately south of the Porter Way crossing of I-5 and flows 0.3 mile south to its confluence with the right bank of Hylebos Creek where it passes from the east side of I-5 to the west side of I-5.

Riparian Vegetation

Within the study area, riparian vegetation bordering Stream SMI-01 is dominated by reed canarygrass, Himalayan blackberry, giant horsetail, bedstraw (*Galium sp.*), and common cattail. Closer to the confluence with Hylebos Creek, there is some interspersion with native shrubs including twinberry (*Lonicera involucrata*), Scouler's willow (*Salix scouleriana*), Pacific willow, vine maple, serviceberry (*Amelanchier alnifolia*), and snowberry (*Symphoricarpos albus*). However, the majority (90 percent) of the stream's riparian zone is choked with reed canarygrass. The riparian corridor is generally narrow and limited by fill slopes associated with I-5 to the east and commercial development to the west. The narrow corridor and adjacent development results in relatively low-quality riparian habitat. Canopy cover is estimated to be less than 5 percent in the reach, and most of that coverage is from reed canarygrass and common cattail.

Physical In-Stream Habitat

The stream channel is occupied by dense reed canarygrass with less than 50 feet of defined channel bed. Substrates are dominated by fine silt with no areas of suitable spawning gravels. No LWD was observed along the entire reach during field reconnaissance surveys. Because the channel is largely choked with reed canarygrass, there are no discernable habitat types (pool/riffle/glide) within the reach. This surface water feature primarily appears to convey runoff from I-5, with some shallow groundwater/wetland contributions to stream flow. The stream has an average bankfull width of approximately 5 feet in the upper 500 feet of channel. The channel gradually widens as it approaches the confluence with Hylebos Creek, with an average bankfull width of approximately 20 feet in the lower 1,000 feet of channel.

Biological Connectivity

There are no documented barriers to fish passage downstream of the study area (WDFW 2023c).

Water Quality and Quantity

Within the study area, Stream SMI-01 contains segments of both intermittent and perennial flow. There are currently no 303(d) listings for Stream SMI-01 (Ecology 2023); however, it is likely the stream has never been assessed for water quality. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Currently, there is no documented fish use of Stream SMI-01. However, there are no barriers that would prevent fish from entering the stream from Hylebos Creek. The major limitation to fish movements within the channel is the presence of dense reed canarygrass. However, during high flow events, this stream may provide refugia for juvenile salmonids from Hylebos Creek.

3.1.2.10 Milton Stream 2 (SMI-02)

Milton Stream 2 (SMI-02) originates on the west side of SR 99, although the exact location of its origin is unknown due to the extensive piping network along the roadway. Stream SMI-02 crosses SR 99 in a 24-inch diameter pipe near the intersection of 70th Avenue E and SR 99. The stream flows approximately 400 feet east to its confluence with the right bank of West Fork Hylebos Creek.

Riparian Vegetation

The riparian corridor ranges from 50 to 75 feet on either side of the stream extending from SR 99 to approximately 175 feet downstream where the riparian corridor width increases to several hundred feet wide as it joins the riparian corridor of West Fork Hylebos Creek. Within the study area, riparian vegetation bordering Stream SMI-02 is dominated by red alder, stinging nettle, red-twig dogwood, lady fern, and sword fern. Closer to SR 99, the riparian corridor is dominated more by invasive species, including English ivy and Himalayan blackberry. Riparian quality adjacent to the roadway and associated commercial development is generally poor; however, as the stream nears West Fork Hylebos Creek, the quality of the adjacent riparian habitat increases to a good to fair quality with some degradation by invasive species. Overall, canopy cover is fair to good, ranging between an estimated 60 to 80 percent canopy cover.

Physical In-Stream Habitat

The stream channel is straight and narrow with low sinuosity and a bankfull width ranging between 2 and 3 feet. The stream channel is dominated by fines substrates, with some patchy areas of gravel and cobble. In some areas, the channel loses definition as it joins with streamside wetlands choked with reed canarygrass.

Biological Connectivity

Currently, there are no barriers to fish passage for Stream SMI-02 downstream of SR 99; however, the barrier status of the culvert beneath SR 99 and any additional barriers upstream is largely unknown.

Water Quality and Quantity

Within the study area, Stream SMI-02 likely has an intermittent flow regime. There are currently no 303(d) listings for SMI-02 (Ecology 2023); however, it is likely the stream has never been assessed for water quality, and West Fork Hylebos Creek (discussed above) has numerous

303(d) listings along its length through the study area. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

Currently, there is no documented fish use of Stream SMI-02. However, there are no barriers that would prevent fish from entering the stream from West Fork Hylebos Creek. The major limitation to fish movements within the channel is the presence of dense reed canarygrass and intermittent flow. However, during high flow events, this stream may provide refugia for juvenile salmonids from West Fork Hylebos Creek.

3.1.2.11 Milton Stream 3 (SMI-03)

The stream has yet to be assessed due to access restrictions. A description of this stream will be added to subsequent versions of this document if property access is granted. At this time, the stream is assumed to enter the right bank of West Fork Hylebos Creek approximately 500 feet north of Birch Street and on the east side of SR 99. It is unknown whether fish from West Fork Hylebos Creek have access to reaches of SMI-03 in the study area.

3.1.2.12 Hylebos Creek

West Fork Hylebos Creek and East Fork Hylebos Creek join to form the main stem of Hylebos Creek east of I-5 and immediately north of Porter Way in the City of Milton. Hylebos Creek then flows approximately 2.3 miles south and west, entering Puget Sound via the Hylebos Waterway in Commencement Bay at the Port of Tacoma. Hylebos Creek is tidally influenced to approximately 0.5 mile upstream from the Hylebos Waterway. Based on its mean annual flow, the main stem of Hylebos Creek is classified as a shoreline of the state.

Before the mid-19th century, the Hylebos Creek watershed is thought to have been one of the most productive small salmon streams draining to south Puget Sound (King County 1990). Development of the region began in 1851 when the first Euro-American settlers began arriving in the Tacoma area. Since that time, extensive forest cover has been removed, wetlands have been drained and filled, stream channels have been modified, and forested areas have been converted to impervious surfaces. Currently, Hylebos Creek is located in one of the most heavily urbanized watersheds in the state (Kerwin 1999). The Puyallup Tribe of Indians is focused on restoration of salmon habitat in Hylebos Creek and its tributaries.

Riparian Vegetation

Emergent vegetation dominates the riparian zone from the I-5 crossing southwest to 70th Avenue E and includes species such as reed canarygrass, common rush (*Juncus effusus),* yellow-flag iris (*Iris pseudacorus*), creeping buttercup (*Ranunculus repens*), and slough sedge (*Carex obnupta*) (WSDOT 2019). Near the curve closer to 70th Avenue E, Himalayan blackberry is present along the retaining wall and/or fence. This reach of the stream has low-quality riparian buffer conditions, which can be largely attributed to the confined and straightened channel positioned between the I-5 fill slope and commercial properties. In the vicinity of 70th Street E, Himalayan blackberry becomes more dominant. Downstream and extending through the Pacific Highway E crossing, the quality of the riparian habitat improves. This habitat consists of forested and shrub areas that are dominated by black cottonwood, red alder, willows (*Salix* sp.), salmonberry, Douglas' spiraea, English ivy, Himalayan blackberry, reed canarygrass, and various other grasses (WSDOT 2019). The lack of mature trees within the overall riparian zone limits LWD recruitment potential to the stream, which not only reduces habitat complexity and cover but can contribute to elevated stream temperatures.

Physical In-Stream Habitat

Mainstem Hylebos Creek in the project area flows through low-gradient floodplain habitat with some slight sinuosity. Habitats are dominated by deep mid-channel and lateral scour pool habitats. LWD is present in small quantities within the reach. The potential for future recruitment is limited by the lack of large, mature stands of trees in this reach, combined with the limited ability of upstream areas to transport LWD to the area. The lack of in-stream and canopy cover reduces the quality of pool habitats. Sediments are dominated by fine materials, including sand and silt. While there is an overall lack of in-stream cover, pool depth is likely sufficient to provide important rearing habitat for juvenile salmonids. While there is some access to floodplain habitats from the main stem, there is a lack of off-channel and side channel habitats that could provide additional rearing habitat for juvenile salmonids.

Biological Connectivity

There are no documented barriers to fish passage downstream of the study area (WDFW 2023c).

Water Quality and Quantity

The mainstem Hylebos Creek is currently identified on the most recent (2018) 303(d) list of impaired waters for fecal coliform bacteria. Upstream of the mainstem, the East Fork and West Fork Hylebos Creek are both 303(d) listed for various water quality parameters as well as some smaller headwater tributaries including West Fork Hylebos Creek Tributary 0014C. Please refer to Sections 3.1.1.1 through 3.1.1.3 for more information on water quality within these Hylebos Creek tributary streams. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

The hydrologic regime of Hylebos Creek is influenced by numerous factors, including land cover, topography, soils, climate, and precipitation patterns. The main source of hydrology for the Hylebos Creek watershed is precipitation with an average rainfall of 40 inches per year occurring predominantly between October and March, which corresponds to higher flows during this time frame (EarthCorps 2016; USGS 2020). The combination of these precipitation events with high levels of impervious surface and development in the basin restricts the amount of flood storage within the watershed, leading to an increased frequency and severity of flood events (EarthCorps 2016; King County 1990).

During the summer months, there are low in-stream flow events in Hylebos Creek (NWIFC 2016). In 1980, Ecology set guidelines for in-stream flows and prohibited new surface water withdrawals from Hylebos Creek (Ecology 1995). Despite these protections and the above-average rainfall, a watershed assessment conducted by Ecology determined that low-flow levels continued to decrease (Ecology 1995) and may be a result of water well withdrawals (NWIFC 2016).

Fish and Habitat Use

Fish use for the mainstem Hylebos Creek is identical to that described above in Section 3.1.1.3 West Fork Hylebos Creek, including documented presence of Chinook salmon, coho salmon, steelhead, chum salmon, pink salmon, and cutthroat trout. No bull trout are documented in Hylebos Creek main stem (NWIFC 2023). However, bull trout could use habitats at the mouth of the stream, outside of the study area (WSDOT 2019).

3.1.2.13 Surprise Lake Creek

Surprise Lake Creek (also called Surprise Lake Drain in some documents) originates north of the Puyallup River Valley from spring-fed Surprise Lake in the Edgewood city limits. The stream drains residential areas in Edgewood and is conveyed south to the Puyallup River Valley, where it drains additional residential and agricultural areas in Fife before joining the mainstem Hylebos Creek immediately upstream of Pacific Highway E (SR 99). Rights of entry were not granted for the parcel that contains Surprise Lake Creek in the study area. For this reason, information about this stream is drawn from existing sources, including documents prepared for the WSDOT SR 167 Completion Project.

Riparian Vegetation

Between I-5 and SR 99, the stream buffer condition of Surprise Lake Creek provides higher functions and values than buffer areas upstream of I-5, which are primarily in agricultural land use. Riparian vegetation is a mixture of shrubs and herbaceous plants. Vegetation in this area includes willows, red-twig dogwood, Pacific ninebark, Himalayan blackberry, bittersweet nightshade, reed canarygrass, velvet grass (*Holcus lanatus*), and manna grass (*Glyceria striata*). No trees are present; therefore, the potential for this area to contribute LWD and cover to the stream is limited.

Physical In-Stream Habitat

Surprise Lake Creek flows northwest from the I-5, crossing to its confluence with Hylebos Creek on the southeast side of Pacific Highway E in the study area. Habitats in this short reach are dominated by mid-channel scour pool habitat. The upstream culvert is responsible for the creation of the channel scour. Substrates are dominated by silt. No LWD or other in-stream cover is present within the reach. This area likely provides some limited rearing habitat for juvenile salmonids.

Biological Connectivity

There are no documented barriers to fish passage downstream of the study area (WDFW 2023c).

Water Quality and Quantity

Surprise Lake Creek within the study area is a perennial stream and is identified on the most recent (2018) 303(d) list of impaired waters for exceeding the established aquatic life criterion for mercury (Ecology 2023). The listed reach is upstream of the study area and begins near the outlet from Surprise Lake extending to the valley floor. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

WDFW (2023a) and NWIFC (2023) indicate that there is no documented use of Surprise Lake Creek by either resident or anadromous salmonids. However, WDFW indicates that there are no physical barriers and that the stream is gradient accessible to all species that are currently documented or presumed to occur in Hylebos Creek, which includes Chinook salmon, coho salmon, chum salmon, pink salmon, and steelhead (WDFW 2023a, 2023c). WSDOT observed three-spine stickleback in Surprise Lake Creek throughout the study area during their field investigations to support the SR 167 Completion Project (WSDOT 2019).

3.1.2.14 Fife Ditch Tributary 1

Fife Ditch Tributary 1 originates on the south side of Pacific Highway E near the Emerald Queen Casino and flows 0.5 mile north to the south side of 8th Street E where it turns west and flows 0.4 mile to its confluence with Fife Ditch. Fife Ditch continues an additional 0.8 mile north to the confluence with the left bank of Hylebos Creek just upstream of the Hylebos Waterway. The channel is used primarily as a stormwater conveyance feature through the industrial and commercial areas of Fife. Pierce County Drainage District 23 currently maintains this ditch and operates the Fife Ditch Pump Station, which pumps surface water from the ditch system into Hylebos Creek.

Riparian Vegetation

The channel is confined within a maintained ditch and riparian vegetation is limited to a narrow band of reed canarygrass, lawn grasses, Himalayan blackberry, and a few scattered ornamental trees and shrubs. The width of the riparian zone ranges between 20 and 30 feet.

Physical In-Stream Habitat

As discussed above, Fife Ditch Tributary 1 is a stormwater conveyance feature. Habitats are primarily mid-channel pools and shallow glide habitat. Channel slopes are less than 1 percent throughout. There are no in-stream structures or woody debris within the channel. Sediments are primarily silts, with some gravels near culvert inlet and outlets that are likely exposed during high flow events. The channel provides no spawning or rearing potential for salmonids.

Biological Connectivity

No culverts have been identified as barriers to fish passage in Fife Ditch Tributary 1 within and downstream of the study area (WDFW 2023c). All downstream culverts are identified by WDFW as occurring in non-fish-bearing waters (WDFW 2023c). WDFW has determined that Fife Ditch Tributary 1 is a non-fish bearing stormwater ditch based upon WDFW surveys in support of the WSDOT SR 167 Completion Project (Penk 2023a, pers. comm.).

Water Quality and Quantity

Segments of Fife Ditch Tributary 1 in the study area are believed to flow perennially. There are currently no 303(d) listings for Fife Ditch Tributary 1 (Ecology 2023); however, it is likely the stream has never been assessed for water quality. Observations of the ditch indicate that water quality is generally poor and has high turbidity (water is not clear due to suspended sediments). Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

NWIFC (2023) indicates that Fife Ditch Tributary 1 is gradient-accessible to fall Chinook salmon, fall chum salmon, odd-year pink salmon, coho, and winter steelhead. In contrast, WDFW (2023c) characterizes Fife Ditch Tributary 1 as non-fish bearing. Regardless, because there are no barriers between Fife Ditch and Fife Ditch Tributary 1, it should be assumed that the documented distribution of coho salmon, chum salmon, and steelhead within Fife Ditch could extend into Fife Ditch Tributary 1. Based on poor habitat and water quality, Chinook salmon are not expected to be present in reaches of this stream in the study area.

3.1.2.15 Fife Ditch

Fife Ditch drains runoff from an approximate 2-square-mile area centered around industrial areas associated with the Port of Tacoma and the industrial, commercial, residential, and agricultural areas within the City of Fife (Parametrix 1991). The ditch conveys runoff flows through a tide gate into Lower Hylebos Creek just upstream of the Hylebos Creek confluence with the Hylebos Waterway. Historically, runoff from the area entered the Hylebos Creek Drainage Basin; however, the nearly flat topography of the area and need to drain agricultural fields led to the creation of an entirely separate drainage basin, the Fife Ditch Drainage Basin. This drainage basin includes a vast network of drainage ditches with its own pump station and outfall to Lower Hylebos Creek near the discharge point to the Hylebos Waterway. Fife Ditch and the associated pump station are owned and operated by Pierce County Drainage District 23 (Brown and Caldwell 2015). The City of Fife plans to take over the ownership and operation of the pump station and drainage system from Drainage District 23 in the future.

Riparian Vegetation

Riparian coverage is almost non-existent along the ditch system. The existing vegetation is limited primarily to reed canarygrass, mowed herbaceous vegetation, and grasses. Very few trees exist within the riparian corridor in the study area.

Physical In-Stream Habitat

The entire ditch system is a stormwater conduit for the surrounding commercial and industrial land uses, which provides little in the way of habitat for fish or other aquatic life. The channel geometry of Fife Ditch is linear and uniform, and sediments consist primarily of silts and clays (USGS 1986). LWD is absent from the channel and the majority of the stream is piped within the study area.

Biological Connectivity

All Fife Ditch culvert crossings have been identified as occurring on a non-fish bearing stream (WDFW 2023c). Table J4.3-7 summarizes the status of potential or known fish passage barriers to Fife Ditch downstream of the study area.

Table J4.3-7 Fish Passage Barrier Assessment for Fife Ditch in the Study Area

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles)[1]	Barrier Status	Assessment Year	Ownership
12th Street E	105 R122118b	0.03 mi	On a non-fish-bearing stream	2020	Public
4th Street E	105 R122118a	1.1 mi	On a non-fish-bearing stream	1999	Public
Taylor Way East	105 R122117a	1.3 mi	On a non-fish-bearing stream	1999	Pierce County

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)

Notes:

(1) Measured from the northern project limit of the Fife Segment between 13th Street E and 15th Street E.

Water Quality and Quantity

Fife Ditch is identified on the most recent (2018) 303(d) list of impaired waterbodies for exceeding aquatic life criteria for two water quality parameters, including ammonia-N and dissolved oxygen (Ecology 2023). Surface water flows have been documented varying from 0.3 to 16.0 cubic feet per second and are characterized as sluggish (USGS 1986). Observations of the ditch indicate that water quality in Fife Ditch is poor and has high turbidity. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area. Fife Ditch generally supports perennial flow.

Fish and Habitat Use

NWIFC (2023) indicates that Fife Ditch is gradient accessible to Chinook salmon, chum salmon, coho salmon, odd-year pink salmon, and winter steelhead extending upstream to the Fife Ditch alignment adjacent to Pacific Highway E. However, only fall-run chum salmon are currently mapped as documented in Fife Ditch upstream to 12th Street E (NWIFC 2023). There appears to be a mapping error in several web map applications that show a connection between Fife Ditch (non-fish bearing) and Wapato Creek (fish bearing).In some instances, Fife Ditch is even mapped as Wapato Creek. WDFW's fish passage database and associated culvert assessments, supported by habitat surveys, identify Fife Ditch and all tributaries as non-fish bearing (WDFW 2023c). WDFW has determined that Fife Ditch is a non-fish bearing stormwater ditch based upon WDFW surveys in support of the WSDOT SR 167 Completion Project (Penk 2023a, pers. comm.).

3.1.2.16 Wapato Creek

Wapato Creek originates from diffuse seeps and springs along the north side of the Puyallup River valley and directly north of Puyallup. The stream flows approximately 13 miles through agricultural, residential, and light industrial areas south of I-5 before crossing into the heavy industrial area north of I-5 and flowing an additional mile to its discharge point on the east side of Blair Waterway. Tidal influence extends approximately 0.7 mile upstream to the crossing of 12th Street E (Port of Tacoma 2014). It is thought that Wapato Creek used to serve as a high flow channel for the White/Stuck River during periods of high flow (Kerwin 1999). From the 1920s to the 1940s, much of the marsh habitat along both lower Wapato and Hylebos Creek was converted to agricultural use through the construction of extensive dike systems (Corps et al. 1993).

In 2021, in partnership with the Puyallup Tribe of Indians, the Port of Tacoma completed the Lower Wapato Creek Habitat Project approximately 0.2 mile downstream of the study area. The project provides advance mitigation for future unavoidable impacts on Wapato Creek and wetlands on Port-owned properties downstream of the site. The project involves (1) replacing the two fish-barrier culverts that convey Wapato Creek under 12th Street E with a single, fish-passable bridge, (2) relocating Wapato Creek from a ditched system to a longer, meandering stream channel, and (3) restoring estuarine and wetland habitats and a forested upland buffer surrounding the relocated stream channel.

Riparian Vegetation

The riparian corridor of Wapato Creek has been substantially altered from historic conditions, and today there is limited or no functioning riparian habitat along the stream. In the project area, willow and reed canarygrass are prevalent at and below the OHWM, with a narrow corridor of red alder, Himalayan blackberry, and red-twig dogwood along the upper banks.

Physical In-Stream Habitat

The channel slope in the reach between I-5 and Pacific Highway E is less than 1 percent. The channel is primarily confined by fill slopes with little functioning floodplain. LWD is absent from the channel and in-stream cover provided by vegetation and boulders is also limited within the study area. Gravels are present in areas but heavily embedded with fines, limiting the suitability of the habitat for spawning. Mid-channel pools are the dominant habitat through the reach, likely providing some limited rearing habitat for juvenile salmonids.

Biological Connectivity

One barrier to fish passage is present downstream of the study area (Table J4.3-8). Biologists performing the field assessment were unable to determine whether the structure is a partial or complete barrier (WDFW 2023c).

Table J4.3-8 Fish Passage Barrier Assessment for Wapato Creek in the Study Area

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles)[1]	Barrier Status	Assessment Year	Ownership
SR 509 Westbound Lanes	105 R121419a	0.50 mi	Unknown	2017	Public

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)
Notes:
(1) Measured from the Pacific Highway E crossing of Wapato Creek.

Water Quality and Quantity

Wapato Creek is identified on the most recent (2018) 303(d) list of impaired waters for bacteria and dissolved oxygen (Ecology 2023). Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area. Wapato Creek also contains one impairment by a non-pollutant, in the upper reaches, for in-stream flow. The in-stream flow impairment has been largely attributed to a failed flood control project that was originally intended to prevent flooding from upper Wapato Creek by diverting peak flows into a stormwater bypass system that flows into the Puyallup River. However, the project had the opposite effect in that almost all flows are currently diverted into the bypass and only flood events flow into the lower Wapato Creek. This diversion has contributed to critical low flows in lower Wapato Creek for over 30 years.

Fish and Habitat Use

WDFW (2023a) and NWIFC (2023) indicate that coho salmon, chum salmon, and winter steelhead have been documented in Wapato Creek within the study area and that juvenile coho use this area for rearing. WDFW also indicates that the stream is gradient-accessible to pink salmon and Chinook salmon, but their occurrence within the stream has not been documented to date.

3.1.2.17 Erdahl Ditch Tributary 1

The Erdahl Ditch drainage system is a human-created system that has been channelized to convey surface water runoff from the western portion of the City of Fife to its discharge in the Blair Waterway. A pump station is located at the current outlet, which was built in 1985 and upgraded in 2008 (Brown and Caldwell 2015). Erdahl Ditch Tributary 1 originates on the north side of I-5 just west of the Wapato Creek crossing of I-5. It flows west and around the Port of Tacoma Road E southbound of the I-5 off-ramp. Here it enters a culvert and parallels Pacific

Highway E for approximately 1,100 feet before joining Erdahl Ditch Tributary 2. From that point the Erdahl Ditch tributaries turn north and join other stormwater ditches to form the main channel of Erdahl Ditch in Tacoma before discharging into Blair Waterway.

Riparian Vegetation

The riparian corridor of Erdahl Ditch Tributary 1 within the study area is vegetated with reed canarygrass along the margins of the stream, and the surrounding upland buffer contains Lombardy poplar (*Populus nigra*), English laurel (*Prunus laurocerasus*), big-leaf maple, salal (*Gaultheria shallon*), and evergreen huckleberry (*Vaccinium ovatum*). The huckleberry and salal appear to be mitigation plantings. Most of the channel outside of the study area and along I-5 is dominated by reed canarygrass.

Physical In-Stream Habitat

Erdahl Ditch Tributary 1 is maintained as a stormwater conveyance facility and is characterized by alternating segments of straight and narrow trapezoidal channel and piped segments. The open channel portion of Erdahl Ditch Tributary 1 within the study area is approximately 10 feet wide with an average 2-foot wetted width. Substrates are dominated by silt. No in-stream habitat features such as LWD or boulders are present. Overall, the channel slope is less than 1 percent throughout the system, which results in slow and sluggish backwater habitats. Habitat complexity is very low.

Biological Connectivity

Two culverts have been identified as potential barriers to fish passage in Erdahl Ditch Tributary 1 downstream of the study area (WDFW 2023c). The current status of these barriers is unknown, and it is unclear whether these are partial or full passage barriers. Table J4.3-9 summarizes the status of potential or known fish passage barriers in Erdahl Ditch Tributary 1 downstream of the study area.

Table J4.3-9 Fish Passage Barrier Assessment for Erdahl Ditch Tributary 1 in the Study Area

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles)[1]	Barrier Status	Assessment Year	Ownership
SR 509	993016	0.60 mi	Unknown	2021	Public
Port of Tacoma Road E	921065	1.10 mi	Unknown	2015	Public

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)

Notes:

(1) Measured from the intersection of Pacific Highway E and 33rd Avenue E.

Water Quality and Quantity

Erdahl Ditch and its tributaries are not identified on the most recent (2018) 303(d) list of impaired waterbodies for exceeding any water quality criterion (Ecology 2023). Because the primary purpose of Erdahl Ditch is to convey stormwater, it is unclear whether the area is routinely evaluated for degradation of water quality. It is likely water quality is impaired given that this conveyance system drains a heavily used road system and areas of commercial and industrial development and has little riparian cover or seasonal flow.

Erdahl Ditch Tributary 1 conveys stormwater runoff from an area between commercial properties on the south side of Pacific Highway E and the area on the north side of I-5, between Wapato Creek and the southbound I-5 Port of Tacoma Road exit. This conveyance feature is typically dry for most of the year. A pump station is located at the discharge point of the Erdahl Ditch system into the Blair Waterway, which was installed to control flooding of the low-elevation areas of Fife. No flow data are available for the Erdahl Ditch system. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

WDFW (2023a) does not identify distribution of salmonids into the Erdahl Ditch drainage system; however, WDFW does indicate that the ditch system is gradient accessible to Chinook salmon, chum salmon, coho salmon, and odd-year pink salmon. Poor habitat conditions, likely water quality impairments, and insufficient flow during most of the year, likely preclude use of the ditch system by salmonids. Recent communications with WDFW indicate that the Erdahl Ditch tributaries will be considered non-fish bearing stormwater ditches, similar to the Fife Ditch Tributary (Penk 2023b, pers. comm.).

3.1.2.18 Erdahl Ditch Tributary 2

A detailed description of the Erdahl Ditch drainage system is included in Section 3.1.2.17. Erdahl Ditch Tributary 2 conveys drainage from along 20th Street E south of I-5 via two 48-inch-diameter culverts to the north side of I-5. Upon discharging to the north side of I-5, Erdahl Ditch Tributary 2 receives additional stormwater contributions from ditches running parallel with I-5 before entering another culvert that discharges to an open channel north of Pacific Highway E. The only segment of open channel within the study area (approximately 50 feet in length) lies between I-5 and the commercial property to the north. It is likely that Erdahl Ditch Tributaries 1 and 2 converge at Pacific Highway E and are then piped across the roadway to an open channel on the north side of Pacific Highway E.

Riparian Vegetation

Most of Erdahl Ditch Tributary 2 in the study area is piped; the only open channel portion is within a roadside ditch. Vegetation within the ditch is dominated by reed canarygrass and Himalayan blackberry.

Physical In-Stream Habitat

The only open-channel portion of Erdahl Ditch Tributary 2 in the study area is a short (approximately 50 feet long) segment between the twin 48-inch culvert outlets beneath I-5 and the culvert inlet beneath commercial development to the north. Ditches and wetlands drain into the open channel from the east and west. The channel is approximately 4 feet wide with a maximum depth of approximately 2 feet. Bottom substrates are dominated by silt. Similar to Erdahl Ditch Tributary 1 and because of its primary use as a stormwater conveyance facility, habitat complexity and condition are poor. No LWD or other in-stream habitat was observed during the site visit.

Biological Connectivity

Two culverts have been identified as potential barriers to fish passage on Erdahl Ditch Tributary 2 downstream of the study area (WDFW 2023c). The current status of these barriers is unknown, and it is unclear whether these are partial or full passage barriers. Table J4.3-10 summarizes the status of potential or known fish passage barriers in Erdahl Ditch Tributary 2 downstream of the study area.

Table J4.3-10 Fish Passage Barrier Assessment for Erdahl Ditch Tributary 2 in the Study Area

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles)[1]	Barrier Status	Assessment Year	Ownership
SR 509	993016	0.30 mi	Unknown	2021	Public
Port of Tacoma Road	921065	0.80 mi	Unknown	2015	Public

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)
Notes:
(1) Measured from Pacific Highway E.

Water Quality and Quantity

See Section 3.1.2.17 above for a description of water quality in the Erdahl Ditch drainage basin. Erdahl Ditch Tributary 2 conveys stormwater runoff from the south side of I-5 to the north side of I-5 and is typically dry for most of the year. A pump station is located at the discharge point of the Erdahl Ditch system into the Blair Waterway, which was installed to control flooding of the low-elevation areas of Fife. No flow data are available for the Erdahl Ditch system. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area.

Fish and Habitat Use

See Section 3.1.2.17 above for a description of fish use in the Erdahl Ditch drainage basin.

3.1.2.19 Puyallup River

The Puyallup River originates from the Puyallup and Tahoma glaciers on the slopes of Mount Rainier within the boundaries of Mount Rainier National Park. The two glaciers form the North Fork and South Fork Puyallup Rivers, respectively. The North Fork and South Fork Puyallup River converge just outside of the park forming the mainstem Puyallup River that flows approximately 45 miles north and west to the discharge point in Commencement Bay within the City of Tacoma. Over the course of its journey, the Puyallup River is joined by three large glacially fed tributaries, including the Mowich River, Carbon River, and White River. The lower 2.5 miles of the Puyallup River is tidally influenced (Ecology et. al. 2006). The Puyallup River is classified as a shoreline of statewide significance based upon mean annual flows exceeding 1,000 cubic feet per second.

The Puyallup River basin was one of the first areas in Puget Sound to be settled by arriving Euro-American immigrants in the early 1850s (Kerwin 1999). Much of the surrounding floodplain in the lower valley was cleared of natural vegetation to support agricultural activities; extensive dike and levee systems were built. A large driver for flood protection in the lower valley was the permanent diversion of the White River into the Puyallup River system in 1906, which effectively doubled the flows in the lower Puyallup River. The lower 26 miles of the Puyallup River have been straightened and channelized within a system of revetments and levees, dramatically changing the river’s connections to off-channel, side-channel, and floodplain habitats.

The quality and quantity of habitat and the natural processes that contribute to both have been substantially altered by past and present land use practices. These include forestry, hydropower (Electron Dam on the mainstem Puyallup River), and flood control projects in the upper watershed (Mud Mountain Dam on the White River). Flood control, agriculture, and urbanization typify existing land uses of the lower watershed.

Historically, the lower Puyallup River and its associated floodplain contained numerous braids, side channels, and extensive floodplain wetlands. The mouth of the river was characterized by extensive mudflats and a large estuarine delta. The mainstem Puyallup River between Sumner and Puyallup has been straightened and placed within flood control levees. The floodplains have been deforested and converted to agricultural, commercial, and industrial land uses, and most of the tide flats filled to support the industrial land uses including the current Port of Tacoma facilities. Less than 5 percent of the original estuarine habitat in and around the mouth of the Puyallup River remains intact today (Shared Strategy for Puget Sound 2023). These impacts have contributed to severe declines in salmon and steelhead populations throughout the watershed. Efforts have been underway since the early 1990s to connect some of these areas with the former floodplain and lower estuary. These efforts include the Gog-le-hi-te wetland restoration downstream of the study area and the Sha-Dadx off-channel restoration upstream of the study area.

The cities of Tacoma and Fife, overseen by the Washington State Department of Ecology, have regulatory authority within the shoreline jurisdiction of the river. The Puyallup Tribe of Indians has authority for work within the OHWM of the river in the study area. In addition, WDFW is responsible for preserving, protecting, and perpetuating fish resources, as required under the Hydraulic Code (Chapter 77.55 RCW).

Riparian Vegetation

Riparian vegetation on both sides of the river is dominated by Himalayan blackberry, reed canarygrass, willow, young red alder, giant horsetail, and Douglas' spiraea. The vegetation corridor in this area is extremely narrow due to adjacent development of the I-5 corridor and the presence of the levee itself. Vegetation is managed along the levee and on both sides of river, and trees are not allowed to become established due to concerns related to destabilization of the levee.

Physical In-Stream Habitat

The Puyallup River is currently separated from its floodplain by a series of dikes, revetments, and levees along both banks. These actions have greatly simplified the historic river channel complex, reducing the availability of off-channel and side-channel habitats, complex pools, and large woody material that were important components of fish habitat. These channel simplifications have also changed the natural hydrology within these river reaches, further reducing or eliminating the suitability of the remaining in-stream habitat for rearing juvenile salmon or migrating and foraging adults.

The project area is located within the lower tidally influenced portion of the Puyallup River. The channel through this section is straight and uniform as it is contained within a system of levees on both banks. Both banks are heavily armored with riprap. LWD is present within the reach and is deposited within this lower reach during high flow events. Some gravels are present; however, they are heavily compacted and not suitable for spawning (Marks et al. 2018). As discussed above there is some limited off-channel habitat, but only a mere fraction of what occurred historically. The lower river in the project area is primarily a mid-channel pool. The area is an important migrator corridor for adult salmonids moving upstream to spawn and juvenile fish outmigrating to the marine waters of Puget Sound. While the area does still support some rearing and is important for the physiological transition of juvenile salmonids as they prepare to move from the fresh water to saltwater, the presence of off-channel, low energy areas has been largely removed by confining the channel between levees and eliminating connections to the former floodplain.

Biological Connectivity

Currently, there are no barriers to fish passage on the Puyallup River downstream of the study area (WDFW 2023c).

Water Quality and Quantity

The Puyallup River is identified on the most recent (2018) 303(d) list of impaired waters for temperature and mercury (Ecology 2023). The Puyallup Tribe of Indians also has jurisdiction for water quality within the OHWM of the Puyallup River. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area. The Puyallup River has a current multi-parameter Total Maximum Daily Load (TMDL) in place to address other water quality concerns including Ammonia-N, BOD_5, Chlorine, and dissolved oxygen. The Puyallup River also contains one impairment by a non-pollutant, in the upper reaches, for in-stream flow. The mouth of the Puyallup River downstream of the study area also contains a 303(d) listing for sediment impairment for exceedance of the sediment bioassay criterion (Ecology 2023). Only one location of the lower Puyallup River — the stretch between the Cities of Puyallup and Sumner approximately 9.5 miles upstream of I-5 — has had a B-IBI evaluation. B-IBI scores in this area indicate poor stream health (PSSB 2024).

Much of the agriculture land that once dominated the lower valley has been replaced by dense residential, commercial, and industrial land uses. Increasing water demand (groundwater withdrawal) and conversion of land to impervious surfaces have altered hydrologic conditions in the lower valley. This has disrupted the ability of the stream to accommodate low flow conditions as well as peak flood events (Kerwin 1999). As a result, sedimentation within the river channel has been a concern, as has localized flooding and damage to levees.

Fish and Habitat Use

The Puyallup River supports populations of eight salmonid species, including fall- and spring-run Chinook salmon, fall-run chum salmon, coho salmon, coastal cutthroat trout, odd-year pink salmon, sockeye salmon, winter steelhead, and bull trout (Marks et al. 2018, 2019, 2020, and 2021; NWIFC 2023; WDFW 2023a). The Puyallup River in the study area is used primarily as a migration corridor for these species during their upstream spawning migrations as adults and during their seaward migrations downstream as juveniles.

According to NWIFC (2023), the lower Puyallup River may provide rearing habitat for juvenile Chinook salmon and coho salmon. However, the Puyallup River channel bed in the study area is of uniform depth and consists of relatively uniform sand and silt material. The riverbed in this area provides limited, if any, rearing function for juvenile or adult salmonids (NMFS and USFWS 2009). In studies that encompassed the river in the study area, Puyallup Tribal Fisheries (2005) found few areas of gravel suitable for spawning; where present, gravel was generally too compacted to provide suitable spawning substrates (Marks et al. 2018).

The Puyallup River in this area is also the key migratory corridor for anadromous bull trout entering and leaving spawning areas in the upper watershed (USFWS 2017). Based on degraded habitat conditions in the lower Puyallup River and adjoining nearshore areas of Commencement Bay, combined with the small proportion of anadromous fish in the Puyallup River system, USFWS (2017) estimated that the number of bull trout using habitats in the in the vicinity of the I-5 bridge crossing is relatively small.

In addition to the salmonid species identified above, several other fish species have been identified in the lower river and adjacent estuarine wetlands, including threespine stickleback,

largescale sucker (*Catostomus macrocheilus*), prickly sculpin (*Cottus asper*), Pacific staghorn sculpin (*Leptocottus armatus*), and starry flounder (*Platichthys stellatus*). Marine mammals (e.g., seals and sea lions) also forage on salmon in the lower reaches of the Puyallup River.

3.1.2.20 First Creek

First Creek is a small tributary that discharges to the left bank of the Puyallup River near the I-5 crossing. First Creek originates in Tacoma in the vicinity of E 46th Street and E 56th Street on the plateau above the Puyallup River and flows north for approximately 2.7 miles to its discharge point along the left bank of the Puyallup River north of I-5. The stream flows through primarily residential areas before dropping down to the Puyallup River valley floor where the land use changes to commercial and heavy industrial. There are no surface-flowing portions of First Creek within the study area. All flow through the study area is contained in a 72-inch-diameter pipe. Because no functional riparian vegetation or in-stream habitat is present in the study area, these habitat elements are not described in this report.

Biological Connectivity

One barrier has been identified within the study area (WDFW 2023c). Its current status is unknown, and it is unclear whether this is a complete or partial barrier. Table J4.3-11 summarizes the status of potential or known fish passage barriers in First Creek within or downstream of the study area.

Table J4.3-11 Fish Passage Barrier Assessment for First Creek in the Study Area

Approximate Road Crossing	Unique Site I.D.	Distance Downstream (miles)[1]	Barrier Status	Assessment Year	Ownership
Unnamed dirt levee access road on west side of Puyallup River	933187	0.00	Unknown	2015	Public

Source: WDFW Fish Passage and Diversion Screening Inventory Database (WDFW 2023c)

Water Quality and Quantity

First Creek is not identified on the most recent (2018) 303(d) list of impaired waters Ecology 2023. Refer to Attachment C, Figure C-3 for locations of all 303(d)-listed waterbodies in the study area. No flow data is available for First Creek.

Fish and Habitat Use

NWIFC (2023) indicates that First Creek is gradient-accessible to Chinook salmon, chum salmon, coho salmon, odd-year pink salmon, and winter steelhead; however, no documented use has been reported.

3.2 Vegetation, Wildlife, and Wildlife Habitat

3.2.1 Vegetation

Vegetation in the study area was classified in land cover types and characterized according to the methods described in Section 2.2. Eleven cover types were identified in the study area.

largescale sucker (*Catostomus macrocheilus*), prickly sculpin (*Cottus asper*), Pacific staghorn sculpin (*Leptocottus armatus*), and starry flounder (*Platichthys stellatus*). Marine mammals (e.g., seals and sea lions) also forage on salmon in the lower reaches of the Puyallup River.

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3.2 Vegetation, Wildlife, and Wildlife Habitat

3.2.1 Vegetation

Vegetation in the study area was classified in land cover types and characterized according to the methods described in Section 2.2. Eleven cover types were identified in the study area.

Table J4.3-12 lists these cover types and summarizes the acreage of each. Figures J4.3-14 through J4.3-26 depict the distribution of the cover types in the study areas around the project alternatives. Representative photographs of each cover type are included in Attachment E.

Table J4.3-12 Land Cover Types in the TDLE Study Area, by Project Segment

Land Cover Type	Federal Way[1]	South Federal Way[1]	Fife[1]	Tacoma[1]	Total[1]	Percent of Total
Commercial	81	379	302	212	974	63
Residential	42	83	10	9	144	9
Grassland	20	28	28	4	80	5
Invasive Brush	6	21	8	4	39	3
Native Brush	0	3	2	< 1	5	< 1
Non-Native Forest	0	2	1	0	3	< 1
Mature Native Forest	10	3	0	0	13	1
Other Native Forest	25	140	14	12	191	12
Wetland/Stream	5	64	19	< 1	88	6
River Channel[2]	0	0	3	6	9	1
Stormwater Pond	2	7	4	0	13	1
Total	**191**	**730**	**391**	**247**	**1,559**	**100**

Note:
(1) Acres in study area
(2) Refers to the Puyallup River.

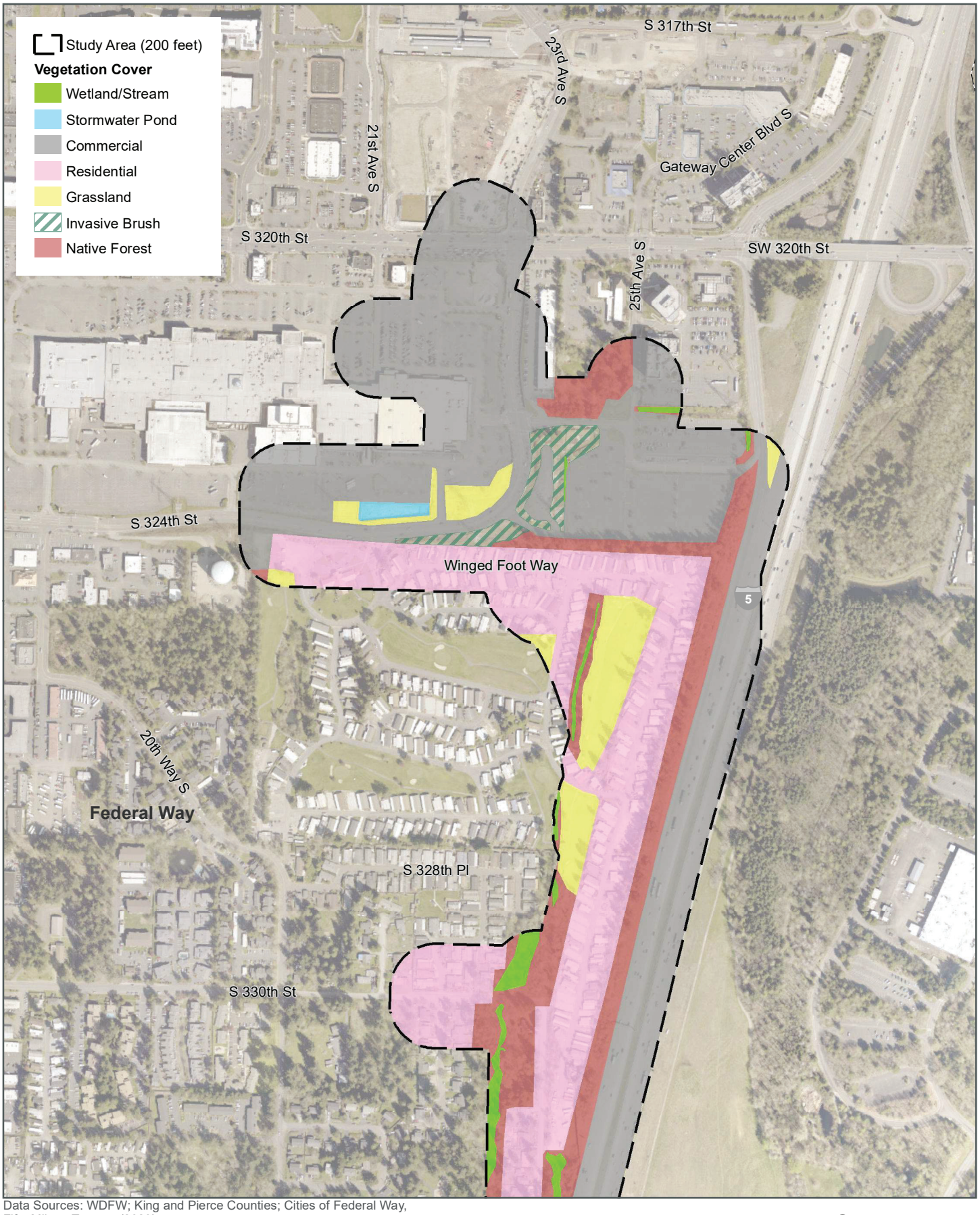

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-14
Vegetation Cover Existing Conditions
Federal Way Segment
Tacoma Dome Link Extension

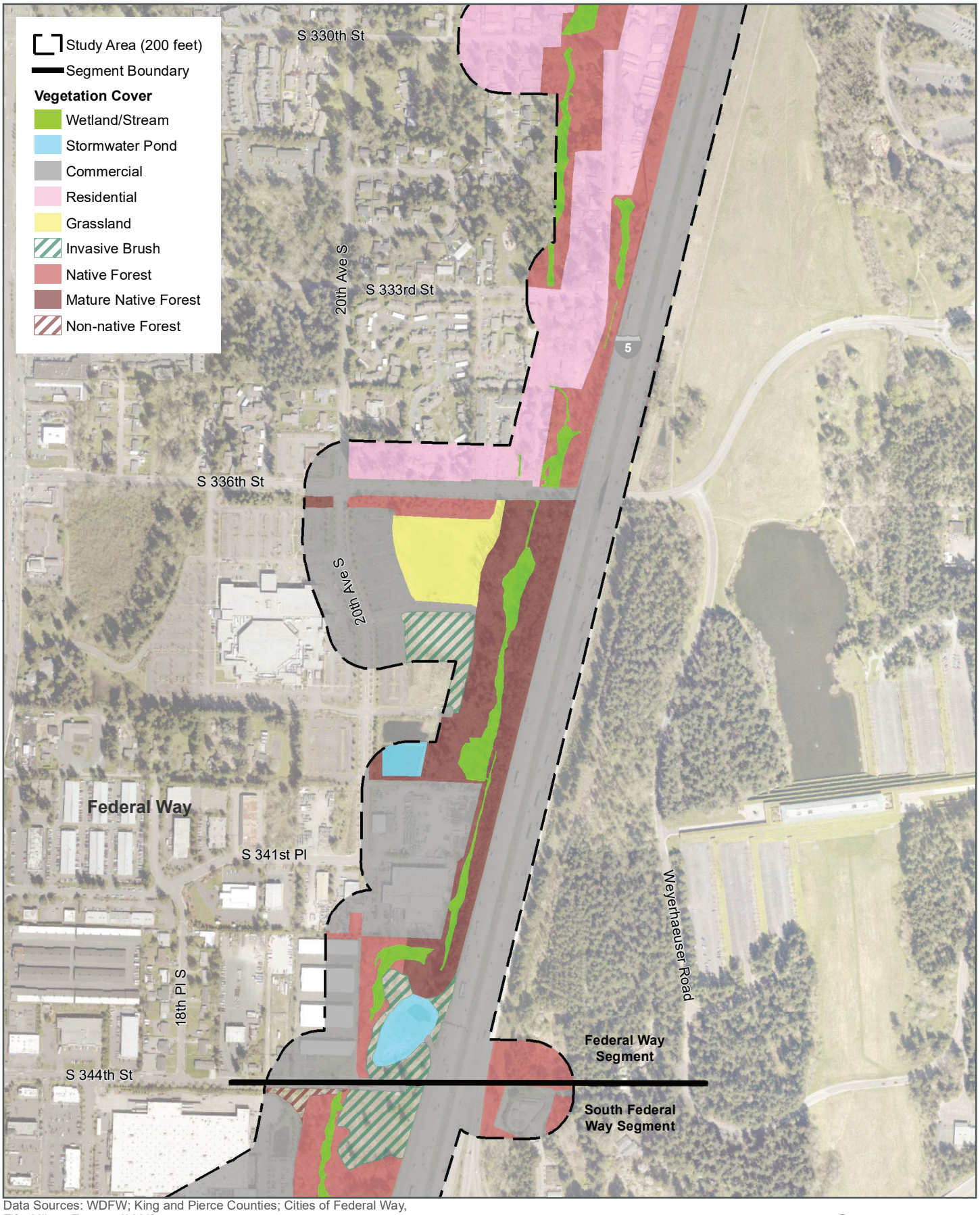

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-15
Vegetation Cover Existing Conditions
Federal Way Segment
Tacoma Dome Link Extension

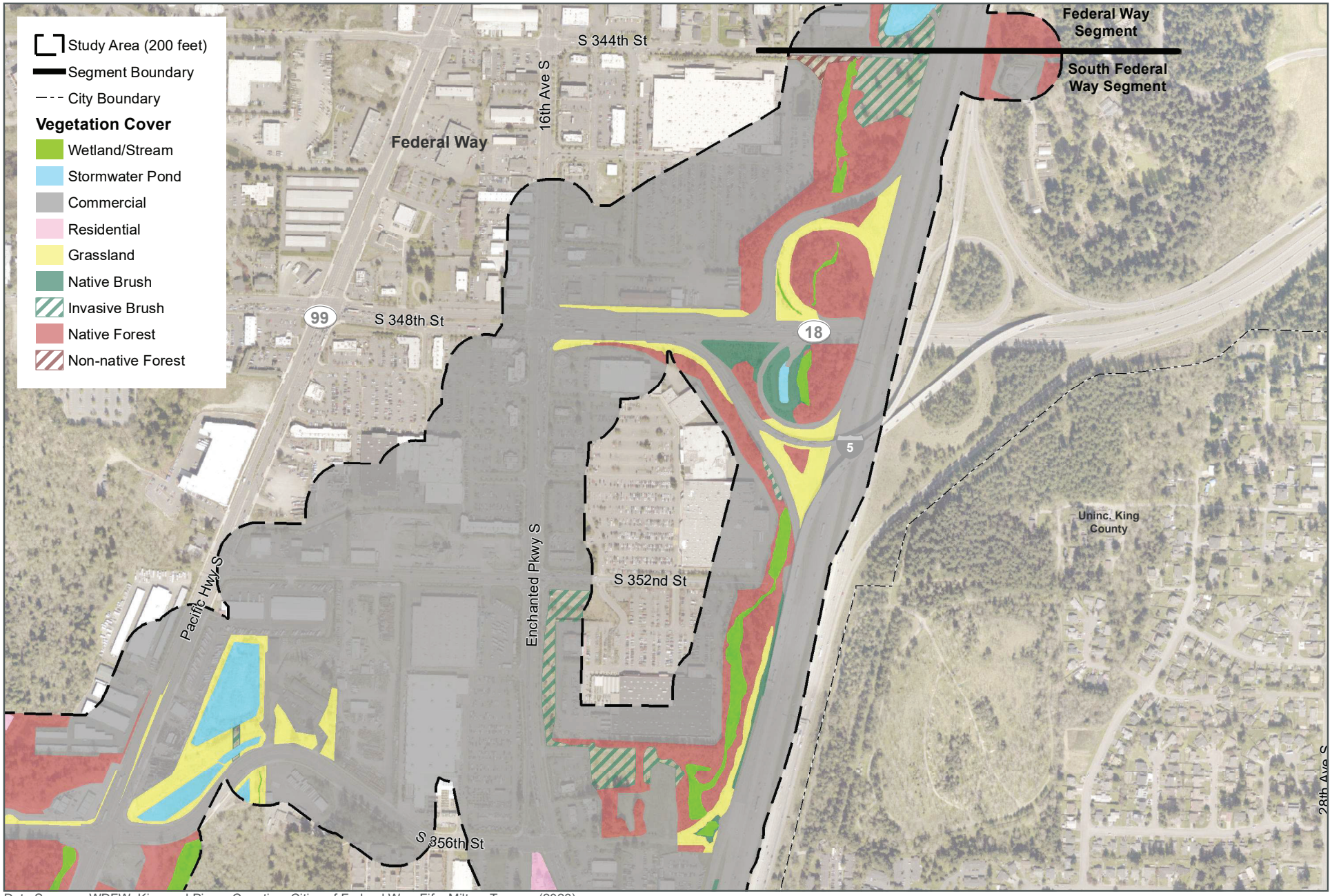

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-16
Vegetation Cover Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

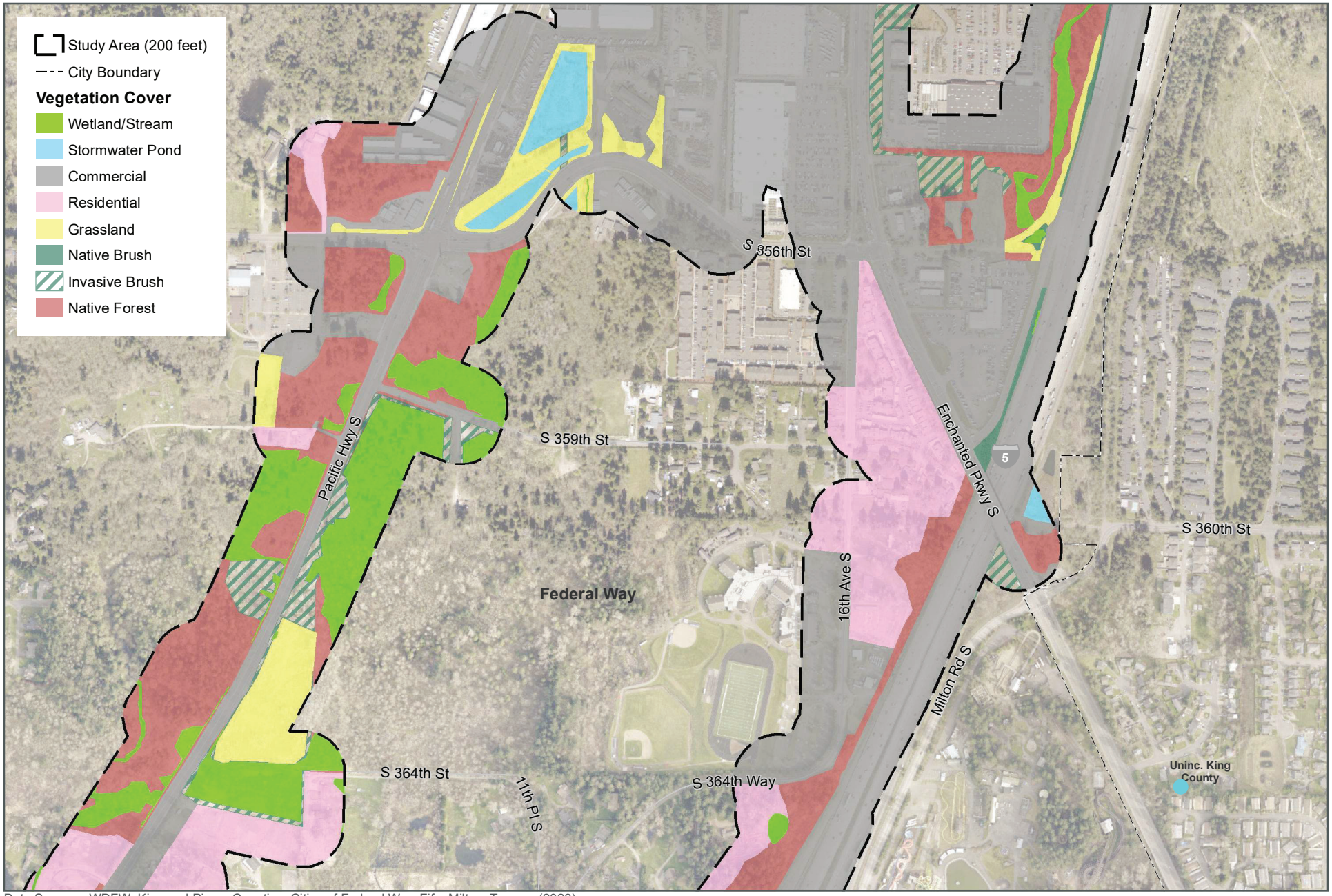

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-17
Vegetation Cover Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

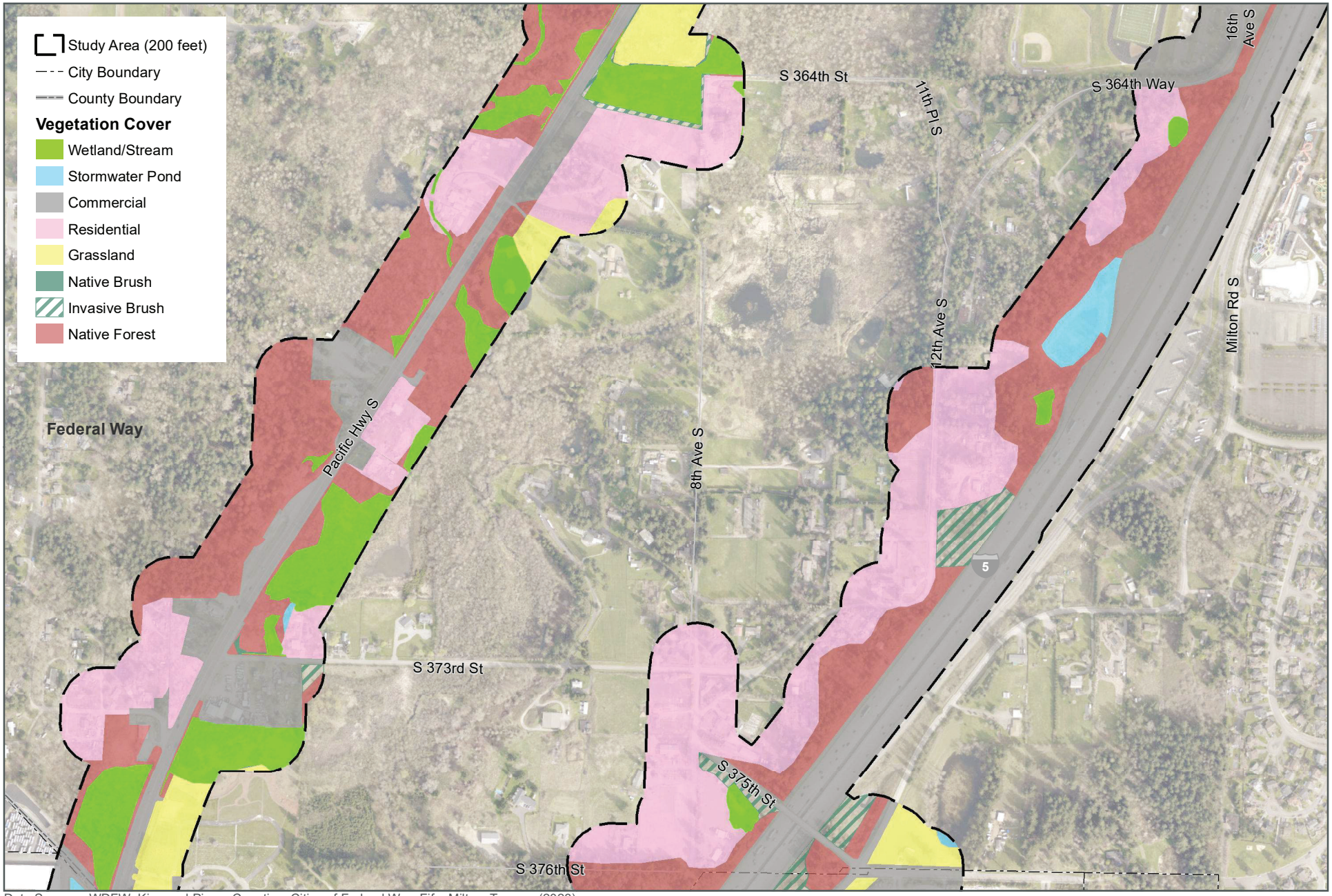

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-18
Vegetation Cover Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

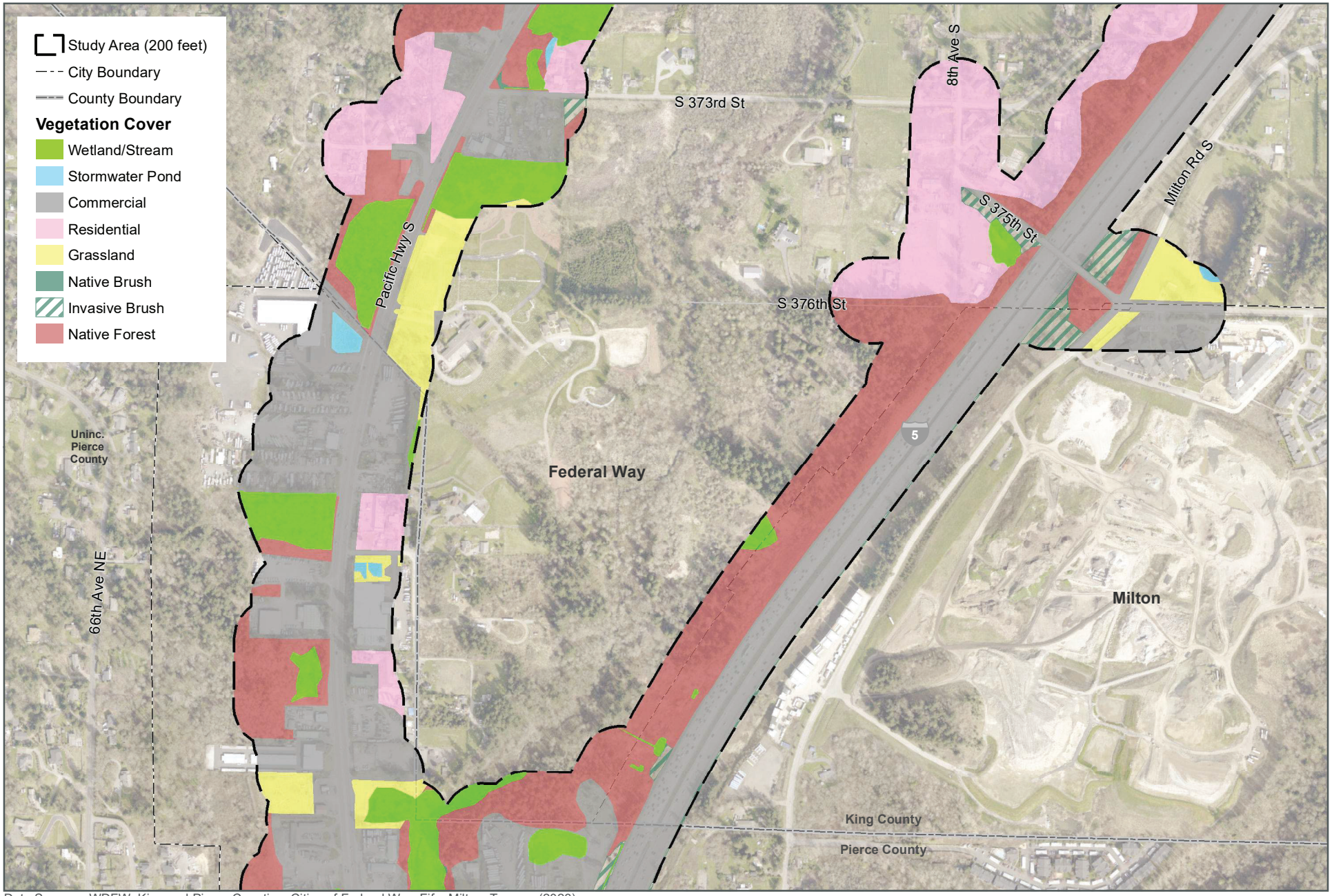

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-19
Vegetation Cover Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

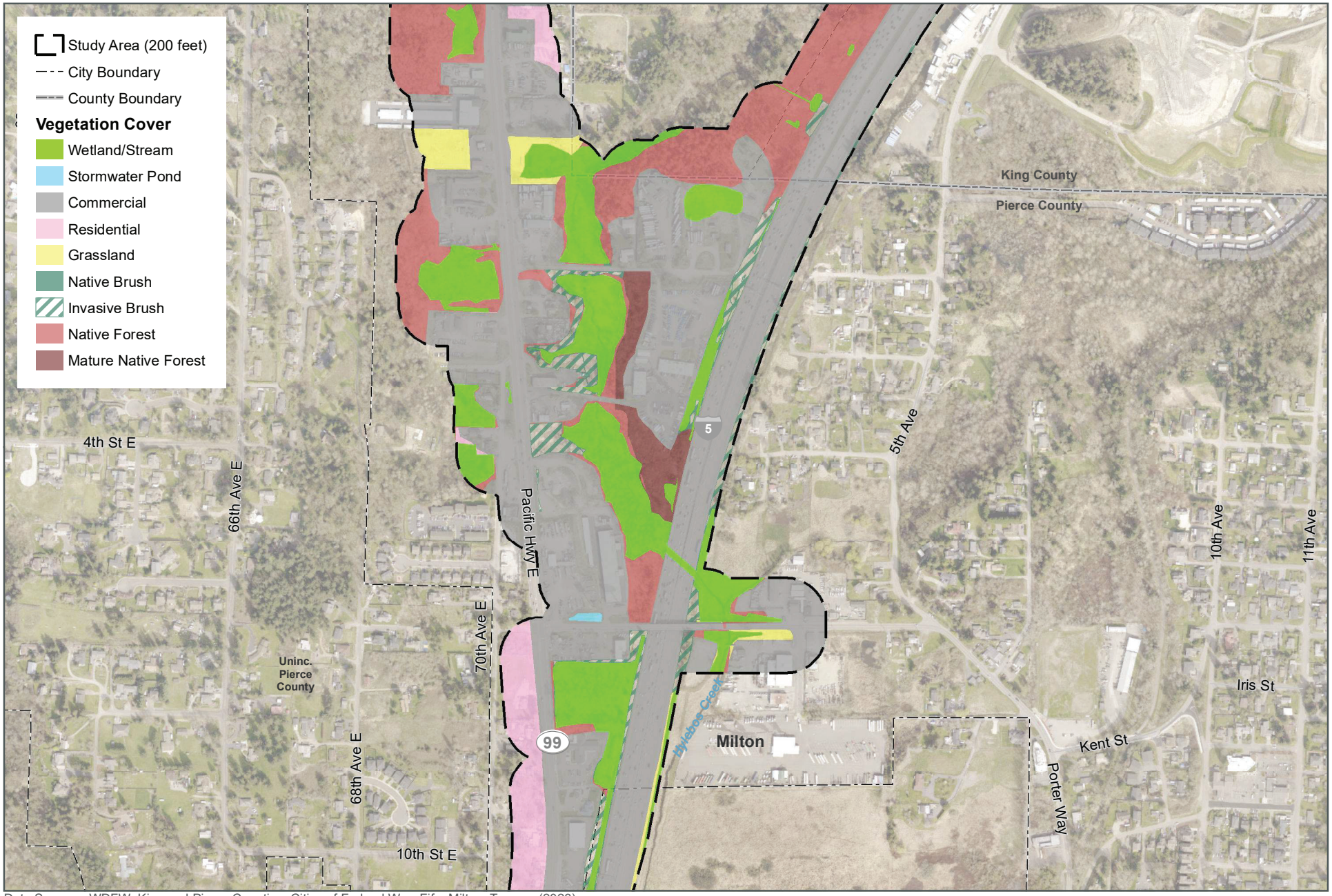

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-20
Vegetation Cover Existing Conditions
South Federal Way Segment
Tacoma Dome Link Extension

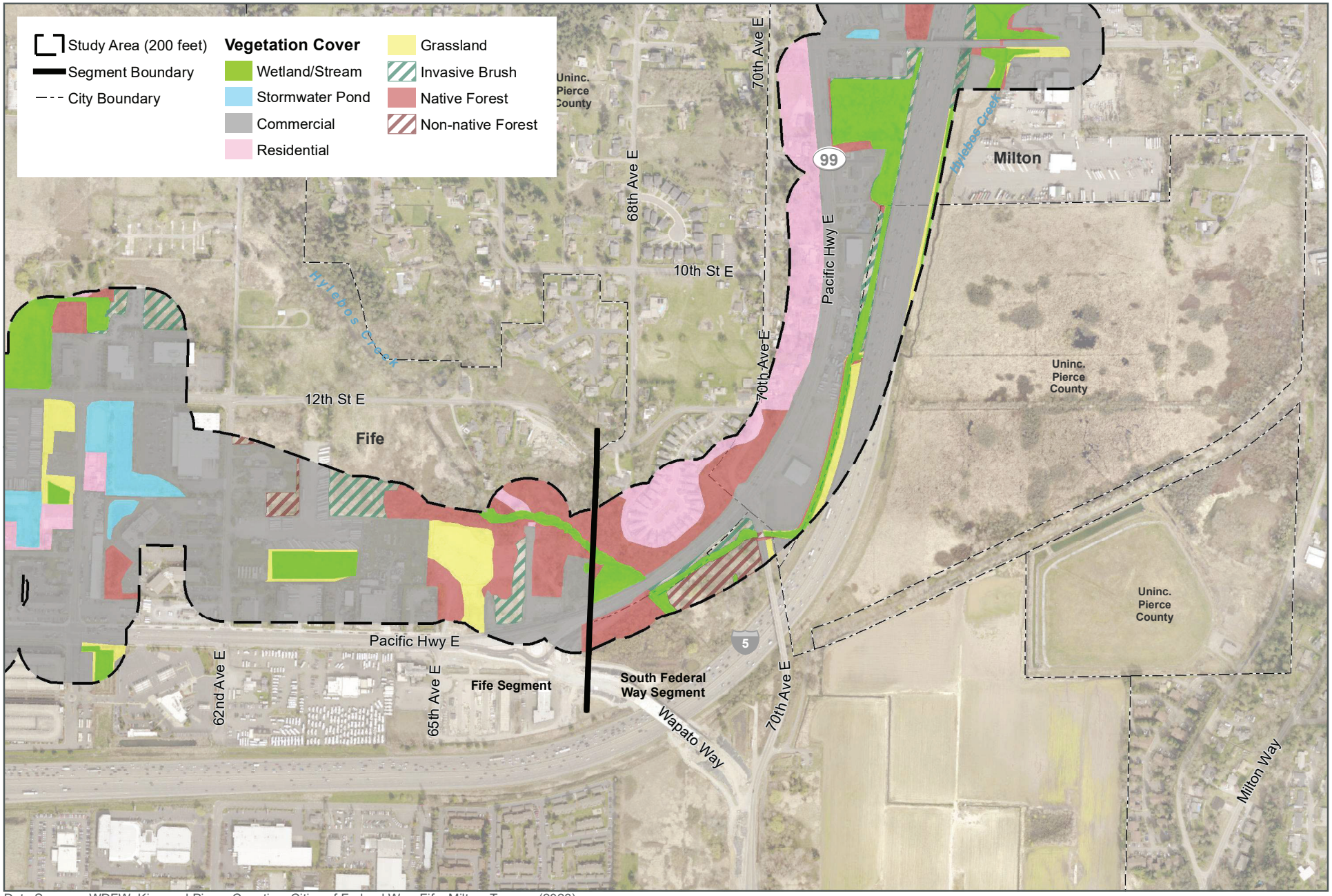

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-21
Vegetation Cover Existing Conditions
South Federal Way and Fife Segments
Tacoma Dome Link Extension

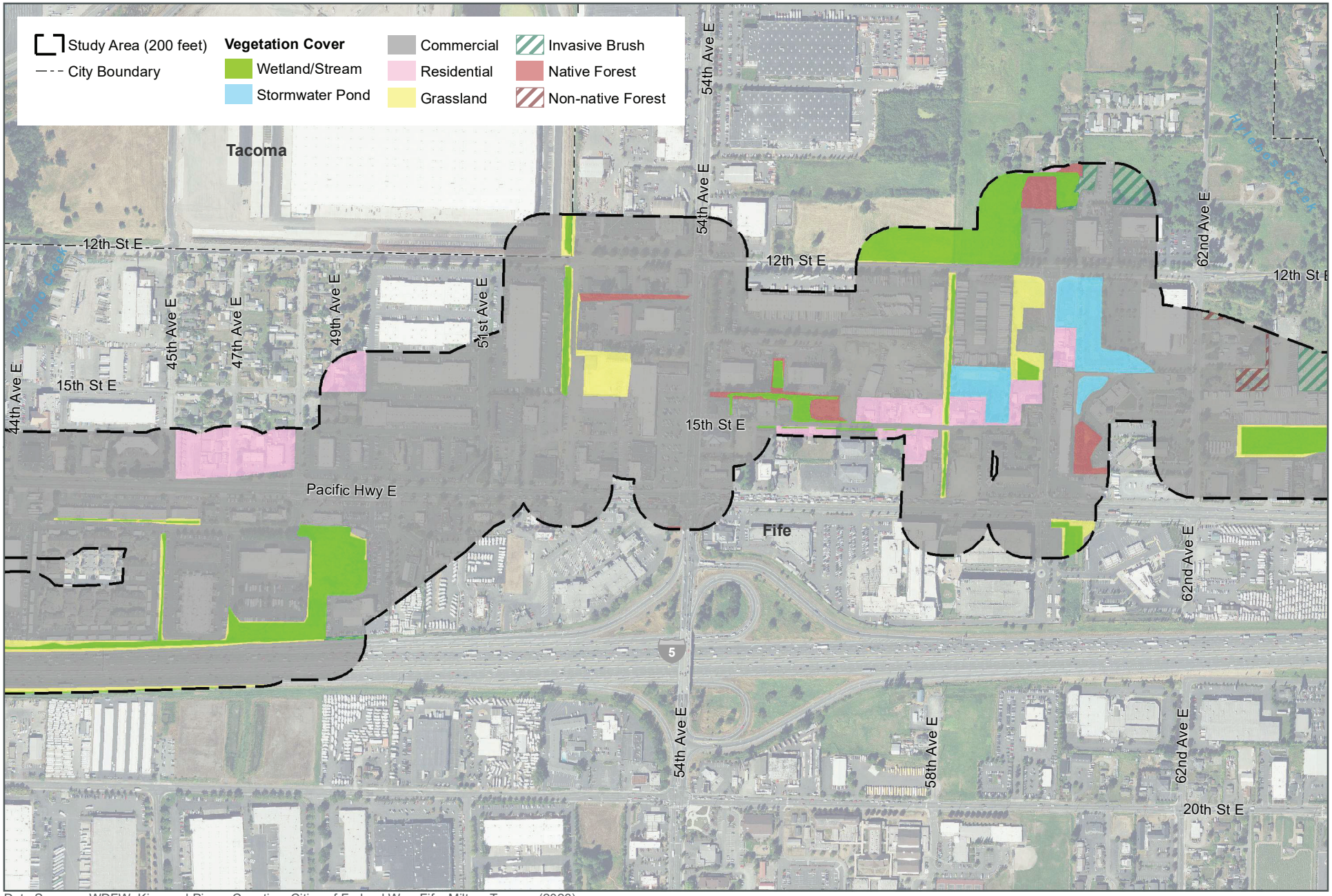

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-22
Vegetation Cover Existing Conditions
Fife Segment
Tacoma Dome Link Extension

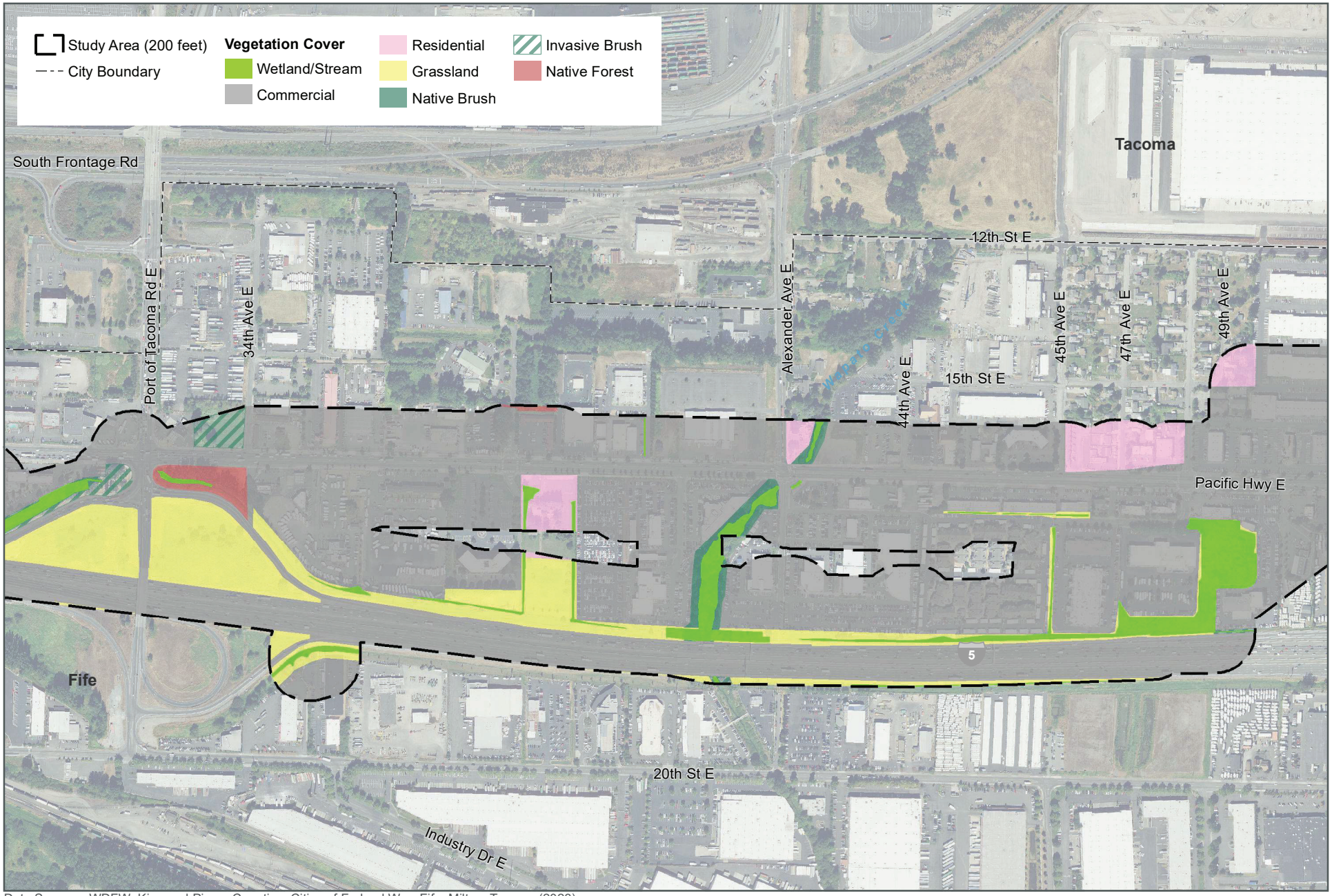

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-23
Vegetation Cover Existing Conditions
Fife Segment
Tacoma Dome Link Extension

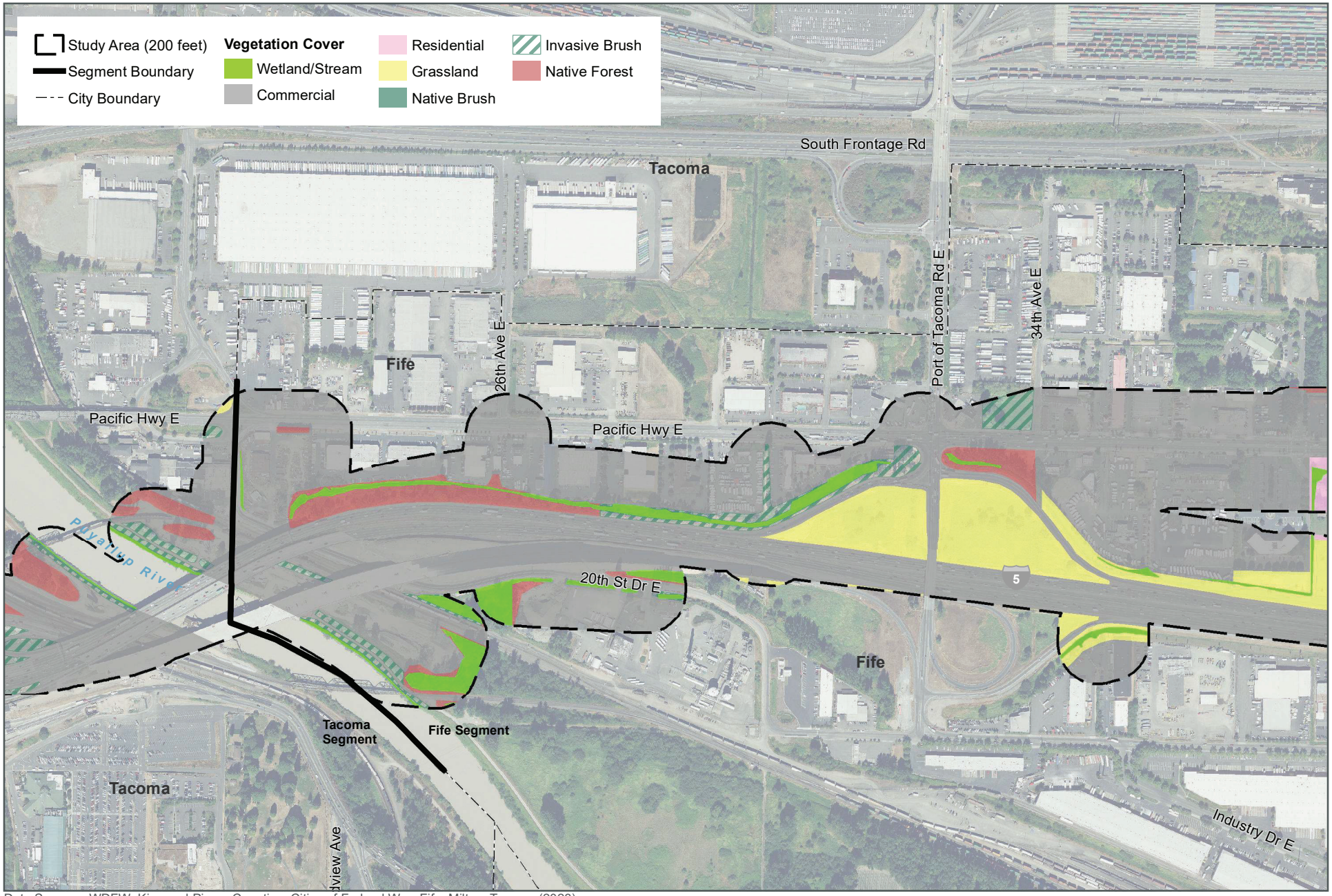

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-24
Vegetation Cover Existing Conditions
Fife Segment
Tacoma Dome Link Extension

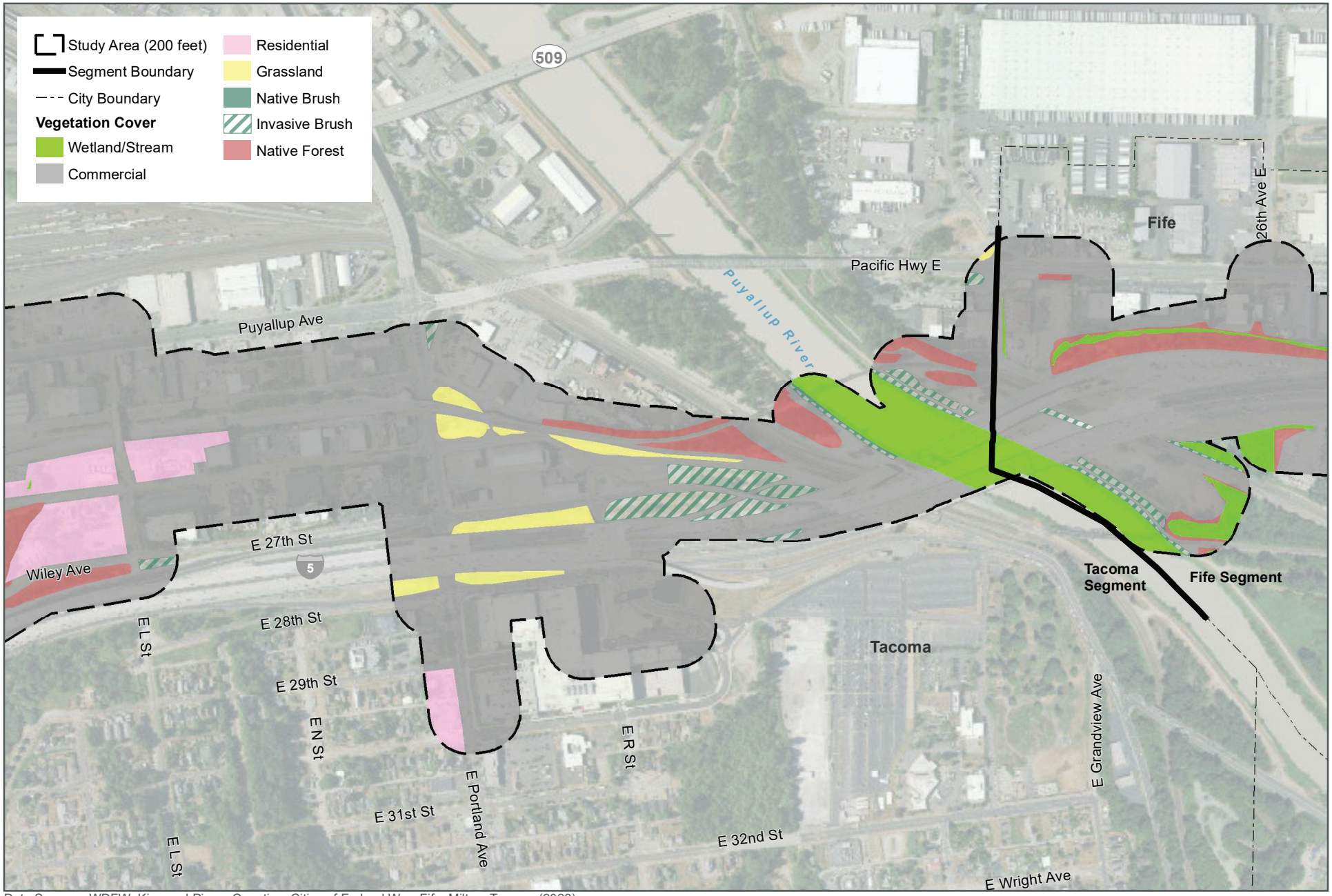

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.3-25
Vegetation Cover Existing Conditions
Tacoma Segment
Tacoma Dome Link Extension

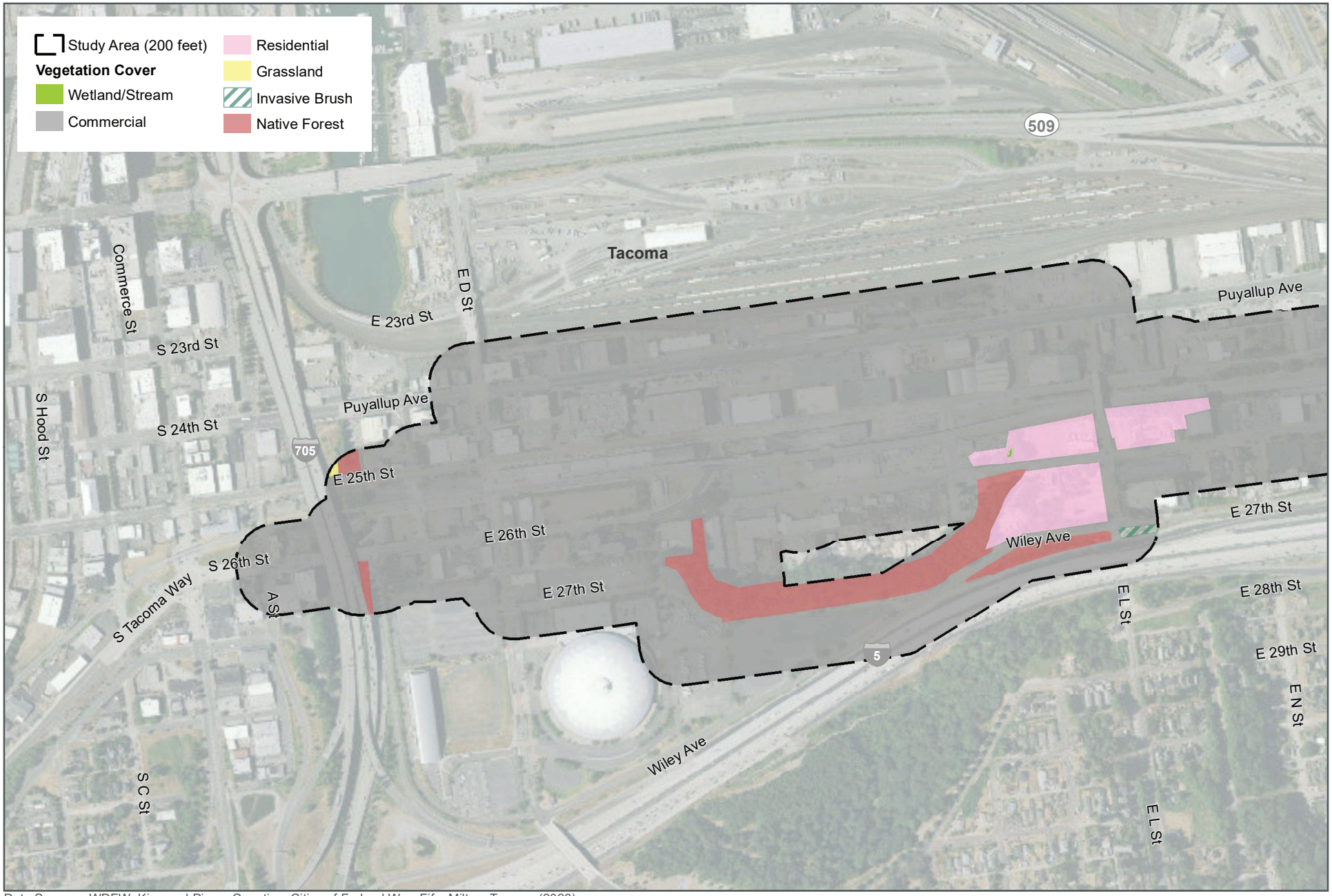

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE J4.3-26
Vegetation Cover Existing Conditions
Tacoma Segment
Tacoma Dome Link Extension

The following subsections describe and summarize the relative habitat value of the land cover types in the study area. Relative habitat value is based on habitat structure, scarcity in the study area, disturbance types and frequency, and time required for ecosystem functions to recover following clearing and site restoration.

3.2.1.1 Commercial

The commercial cover type is the most common and widely distributed cover type in the study area, making up almost two-thirds of the total land area (Table J4.3-12). This cover type consists of heavily developed areas, including large buildings and parking lots, most of which support commercial or industrial uses, as well as freeways and major roads. These areas provide minimal habitat value for wildlife because invasive species are prevalent and structural diversity is found only in scattered non-native trees and other landscaping. Vegetation in these areas may provide habitat for species adapted to disturbed and developed conditions (e.g., house sparrows [*Passer domesticus*], American robins [*Turdus migratorius*], European starlings [*Sturnus vulgaris*], American crows [*Corvus brachyrhynchos*]*).* Dominant plant species within commercial areas in the study area are non-native trees and shrubs, including horticultural species and invasive species such as Himalayan blackberry and reed canarygrass.

This cover type has relatively low habitat value for wildlife. If disturbed during construction, there would be minimal effects on existing vegetation or wildlife habitat. The minimal habitat present could be easily replaced following construction. The built portions of the proposed project would have similar vegetation condition and habitat value compared to current conditions.

3.2.1.2 Residential

The residential cover type represents approximately 9 percent of the total cover and includes developed areas with houses, driveways, yards, and associated landscaping. Vegetation incudes mown lawns, horticultural species, and native species in some areas. Regular disturbances from humans and domestic animals limit habitat value for some wildlife species. However, the higher cover and diversity of vegetation provides some habitat value, compared to fully developed and built commercial areas. Relative habitat value is low.

If disturbed during construction, there would be effects on existing vegetation and wildlife habitat. The habitat present could be replaced following construction as landscaped elements of the project. However, the configuration of the habitat and overall cover may change compared to current conditions, based on the design.

3.2.1.3 Grassland

The grassland cover type represents areas dominated by upland grasses and other herbaceous species. They are maintained in the study area through mowing and brush control. Dominant plant species observed during field surveys include species of bentgrass (*Agrostis* sp.), bluegrass (*Poa* sp.), and fescues, as well as dandelions, lawn daisies, filaree, and other non-native grass and herbaceous species. Wildlife species associated with grassland habitats in the study area include Savannah sparrows (*Passerculus sandwichensis*), barn swallows (*Hirundo rustica*), swallowtail butterflies (*Papilio* spp.), meadow voles (*Microtus pennsylvanicus*), and Townsend's moles (*Scapanus townsendii*). Red-tailed hawks (*Buteo jamaicensis*) and other raptors prey on voles (*Microtus* spp.) and other small mammals that are found in abundance in grassy habitats. Relative habitat value is moderate.

If disturbed during construction, the habitat present could easily be replaced following construction, as the establishment of grasses could occur within weeks following construction.

3.2.1.4 Native Brush

The native brush cover type represents areas dominated by native species that include shrub species and/or sapling-sized tree species. Typical species observed in the study area include Nootka rose (*Rosa nutkana*), Douglas spiraea, salmonberry, black cottonwood, and red alder. This habitat provides nesting, foraging, and refuge habitat for birds and small mammals, as well as native species resources for the wildlife food web, including pollinators. Overall habitat value is moderate: it provides good habitat for native species and is able to reestablish quickly following disturbances.

3.2.1.5 Invasive Brush

The invasive brush cover type represents areas dominated by non-native brush species such as Himalayan blackberry, Scotch broom (*Cytisus scoparius*), and butterfly bush (*Buddleja davidii*). Although non-native, this habitat type does provide nesting, foraging, and refuge habitat for several species of birds and small mammals. Relative habitat value is low.

The ecological functions of invasive brush areas disturbed during construction could be easily replaced or improved through the planting of native shrubs or non-invasive landscaping species. Disturbed sites that are not planted and maintained as other cover types would likely be dominated by invasive brush in the future.

3.2.1.6 Non-Native Forest

Forests composed primarily of non-native species occur in the study area. Although most of these non-native forests represent plantings of horticultural species as part of residential or commercial development, some less-disturbed areas have been colonized by non-native species. The planted areas are dominated by Austrian pine (*Pinus nigra*) and other non-native pines, non-native maples and ash trees, and Lombardy poplar. The shrub layers in areas colonized by non-native trees are dominated by European hawthorn (*Crataegus monogyna*), European mountain ash (*Sorbus aucuparia*), and bird cherry (*Prunus avium*).

Although dominated by non-native species, this cover type does provide some habitat value for local wildlife, as well as stormwater moderation and other ecosystem functions. Relative habitat value is moderate.

In areas cleared for project construction, these functions would be lost for years or decades (i.e., the time required for new trees to become established and mature). Given the vigorous nature of these species, however, it would not be difficult to reestablish these plant communities.

3.2.1.7 Mature Native Forest

Some of the forested areas in the study area meet WDFW's criteria for the Mature Forest priority habitat type and were classified for this analysis as a separate cover type, distinct from other native forest. These stands are generally over 80 years old, with trees exceeding 21 inches in diameter at breast height, on average (WDFW 2008). These forests are dominated by Douglas-fir, western redcedar, western hemlock, and black cottonwood. The understory in many areas is dominated by native shrubs and groundcovers, although English ivy and other weeds have encroached on some areas. In addition to the areas identified as mature native forest, two Category I forested wetlands near the Puyallup River in the Fife Segment meet the criteria for this habitat type (see Section 3.3.2).

Compared to other cover types, structurally complex habitats, such as native forested areas and wetlands, have more biological diversity and higher value as wildlife habitat. With habitat features such as large trees, snags, decaying logs, and a diverse understory, areas classified as mature native forest typically support diverse communities of forest-associated wildlife. Because of the long time period (decades to centuries) needed to reestablish native forested conditions, disturbance or removal of this habitat type would have a substantial effect on habitat throughout the time period needed to reestablish the forests.

3.2.1.8 Other Native Forest

The other native forest cover type represents approximately 12 percent of the total study area and includes forests dominated by native tree and shrub species but lacking the defining features of mature forest (see below). A range of native forest types was observed in the study area, differing in composition of the canopy as well as the relative extent of native versus invasive species in the understory. Relative habitat value is high.

Areas classified as other native forest in the study area are dominated by primarily Douglas-fir, western redcedar, black cottonwood, red alder, and bigleaf maple. The understory contains native species (sword fern, salal, osoberry, beaked hazelnut, red elderberry) and invasive species (Himalayan blackberry, cutleaf blackberry [*Rubus laciniatus*], butterfly bush, English ivy, and others).

All areas classified as other native forest provide relatively high habitat value for native wildlife, based on the diversity and structural complexity provided by overstory trees and understory shrubs. Many areas classified as other native forest are several decades old and would require several decades to recover following disturbance. For these reasons, the other native forest cover type is considered to have a high habitat value.

3.2.1.9 Wetland/Stream

The wetland/stream cover type represents areas with high water tables and/or inundation. In the study area, streams and wetlands are interwoven into complexes of vegetated wetlands, scoured channels, and vegetated areas within the OHWM of streams. Streams in the study area (as compared with large river channels, described below) are generally low-velocity systems that flow through heavily vegetated wetland areas described below. Streams and wetlands are combined in the vegetation analysis because their cover and structure (heavily vegetated aquatic areas) are similar.

Areas classified as wetland/stream provide habitat functions similar to those described above for forests, brush areas, and grasslands (i.e., nesting, perching, hiding and foraging habitats for many species), but with added habitat value due to the presence of water and unique habitats for water-dependent species (such as fish and amphibians). Based on these features, relative habitat value is generally high. The degree of habitat value is also a function of the dominant vegetation cover type, as summarized below. The existing condition and habitat of individual streams and wetlands in the study area are described in more detail in Sections 3.1 and 3.3.

Forested wetlands in the study area are dominated by Pacific willow, red alder, and black cottonwood, with an understory of Douglas' spiraea, Himalayan blackberry, slough sedge, and reed canarygrass. Based on their structural complexity and availability of water, forested wetlands provide high-value habitat. Similar to the upland forests described above, forested wetlands would require years to decades to recover habitat functions temporarily lost due to disturbance or removal.

Scrub-shrub wetlands in the study area are dominated by Scouler's willow, red-twig dogwood, and Douglas' spiraea. Similar to the native brush cover type, scrub-shrub wetlands provide moderate-value habitat, but the presence of water enhances the value of these areas. Reestablishment of scrub-shrub vegetation can be rapid after disturbances (within a few years), but often slower than emergent systems (within a year).

Emergent wetlands in the study area are dominated by reed canarygrass, bluegrass, and cattails. The habitat value of emergent wetlands is similar to that of grasslands, although that value is enhanced by the presence of water. Reestablishment of emergent vegetation can be rapid after disturbances.

3.2.1.10 River Channel

The river channel cover type represents primarily the unvegetated and scoured bed of the Puyallup River. The channels of smaller streams are mapped as line features. This land cover type represents the core of aquatic habitats because it is key habitat for multiple life stages for many aquatic species, including salmon and marine mammals, and is discussed in more detail in Section 3.1. Relative habitat value is high for aquatic species. Based on the high levels of noise and human activity along the Puyallup River in the study area, the habitat value for terrestrial species is relatively low.

3.2.1.11 Stormwater Pond

The stormwater pond cover type supports native and non-native wetland species adapted to fluctuating water tables and disturbances related to maintenance. Common species in areas classified as this cover type are reed canarygrass, cattails, bulrushes, and willows. Due to extreme water level fluctuations and regular disturbance for maintenance, the relative habitat value of this cover type is low. Stormwater ponds are designed to rapidly fill with water and hold water only for a short period following precipitation events (as a way of maximizing groundwater recharge or minimizing mosquito populations). This can attract amphibians and other aquatic species and then compromise embryonic and larval survival when the pond dries or water elevation rapidly increases. Regular maintenance, including removal of vegetation and accumulated sediments, further reduces habitat value by altering habitat structure, soils, and in-water conditions.

3.2.2 Terrestrial Wildlife

Wildlife use of habitats in urban landscapes depends on the general location of the habitat, the size and type of undisturbed habitats, the degree of connectivity and extent of travel corridors between and among these habitats, and the types and levels of human activity. Much of the study area falls within commercial, industrial, and residential areas that provide habitat only for adaptable species such as house sparrows, European starlings, rats, mice, raccoons (*Procyon lotor*), Virginia opossums (*Didelphis virginiana*), and eastern gray squirrels (*Sciurus carolinensis*). Birds such as rock pigeons (*Columba livia*) and cliff swallows (*Petrochelidon pyrrhonota*) commonly build nests on bridges and road overpasses, and many bat species use such structures as temporary roosting sites. Animals that use habitats in the study area are also exposed to high levels and disturbance generated by human activity in commercial and industrial areas and traffic on I-5 and major arterial roadways.

Larger habitat patches and those connected to other natural areas or heavily vegetated residential neighborhoods support a greater variety of species, such as songbirds, raptors, small mammals, coyotes (*Canis latrans*), and black-tailed deer (*Odocoileus hemionus columbianus*). Songbird species commonly found in habitats similar to those in the study area include

American robin, song sparrow (*Melospiza melodia*), Steller's jay (*Cyanocitta stelleri*), American crow, spotted towhee (*Pipilo maculatus*), black-capped chickadee (*Poecile atricapillus*), white-crowned sparrow (*Zonotrichia leucophrys*), northern flicker (*Colaptes auratus*), Bewick's wren (*Thryomanes bewickii*), and red-breasted nuthatch (*Sitta canadensis*). Raptors include American kestrel (*Falco sparverius*), sharp-shinned hawk (*Accipiter striatus*), Cooper's hawk (*Accipiter cooperii*), red-tailed hawk, and great horned owl (*Bubo virginianus*). Red-tailed hawks and other raptors prey on voles and other small mammals that are found in abundance in grassy vegetation, such as in the I-5 right-of-way. Peregrine falcons have been observed in the study area and are known to nest on nearby bridges. Open-water habitats, such as wetlands and stormwater detention ponds, provide resting and foraging areas for waterfowl.

Most patches of forest cover in the study area are fragmented and separated from surrounding habitat areas by commercial and residential developments and roads. Despite their isolation, these areas still provide habitat for forest-associated resident and migratory songbirds, as well as for hawks, owls, woodpeckers, and small mammals. The largest patches of forested habitat are in the South Federal Way Segment. One patch, approximately 15 acres in size, parallels I-5 near S 336th Street. As indicated by the detection of an ensatina (*Ensatina eschscholtzii*) (a terrestrial salamander whose eggs develop directly into adults without an aquatic larval stage — a reproductive strategy that depends on cool and humid conditions) during a site visit in October 2019, this patch supports many ecosystem functions, despite its isolation from other, less-disturbed areas of forest habitat. Additional patches are present near S 364th Way and around the lower reaches of West Fork Hylebos Creek, south of S 376th Street (Figures J4.3-14 through J4.3-26).

Streams, rivers, and riparian areas are used as travel corridors by many wildlife species. Despite the urbanization of the study area, riparian areas along streams may serve as connective corridors between pockets of wildlife habitat. In general, however, patches of forest and other native habitat types in the study area are isolated from other areas of similar habitat and do not serve as connective corridors to other areas of habitat outside of the study area. In most areas, I-5 and SR 99 impede the movement of wildlife between the Green River and Puyallup River valleys in the east and the Puget Sound shoreline to the west. In the South Federal Way Segment, I-5 crosses West Fork Hylebos Creek on a low (less than 10 feet above ground) bridge. This bridge may facilitate the movement of small- to medium-sized mammals and amphibians along the stream corridor. The culvert that conveys West Fork Hylebos Creek under SR 99 likely provides a similar degree of connectivity for small- to medium-sized mammals and amphibians.

3.3 Wetlands

Analysis of existing wetland and soils mapping shows a concentration of predicted wetland conditions associated with the tributaries of Hylebos Creek and the floodplains of that stream, Fife and Wapato Creeks, and the Puyallup River in areas that are not otherwise developed (See Figures C-1 and C-2).

A total of 106 wetlands were identified in the study area as summarized in Table J4.3-13. These are described in detail in the following subsections. The wetland descriptions are grouped by project segment from north to south and organized consecutively by local jurisdiction and wetland identifier within each group, as wetlands were identified based on rights of entry and not geographically. In the figures, wetlands and streams extents are depicted only within the study area.

Table J4.3-13 Wetlands in the Study Area

Wetland Name	HGM Classification[1]	USFWS Classification[2]	Approx. Acreage in Study Area (Acres)[3]	Wetland Rating (Ecology)[4]	Wetland Rating Habitat Score[5]	Jurisdiction[6]	Wetland Buffer Width (ft)[4,7]	Boundaries in Study Area[8]
Federal Way Segment								
WFW-01	Depressional Riverine	PFO	1.46	II	6	Federal Way	150	Delineated (surveyed)
WFW-03	Riverine	PFO	0.31	II	6	Federal Way	150	Delineated (surveyed)
WFW-04	Depressional	PFO	0.53	II	5	Federal Way	100	Delineated (surveyed)
WFW-05	Riverine	PFO	0.14	II	6	Federal Way	150	Delineated (surveyed)
WFW-06	Slope	PSS	0.02	III	5	Federal Way	80	Delineated (surveyed)
WFW-07	Riverine	PEM, PSS	0.19	III	4	Federal Way	80	Delineated (surveyed)
WFW-08	Riverine	PEM, PSS	0.13	III	4	Federal Way	80	Delineated (surveyed)
WFW-09	Riverine	PSS	0.10	III	4	Federal Way	80	Delineated (surveyed)
WFW-10 (a, b)	Riverine	PFO	0.94	III	5	Federal Way	80	Delineated (surveyed), Estimated (remote)
WFW-11	Depressional	PEM, PFO	0.34	III	5	Federal Way	80	Delineated (surveyed)
WFW-12	Riverine	PEM, PSS, PFO	0.63	III	5	Federal Way	80	Delineated (surveyed), Estimated (remote)
WFW-13	Slope	PSS	0.02	IV	3	Federal Way	50	Delineated (surveyed)
WFW-14	Depressional	PEM	0.02	III	4	Federal Way	80	Delineated (surveyed)
WFW-15	Riverine	PSS, PFO	0.38	II	6	Federal Way	150	Delineated (surveyed), Estimated (remote)
WFW-16	Depressional	PEM, PSS	0.33	III	3	Federal Way	80	Delineated (GPS)
WFW-32	Depressional	PEM, PSS	0.03	III	3	Federal Way	80	Delineated (surveyed)
South Federal Way Segment								
WFW-17	Riverine	PFO	0.02	III	5	Federal Way	80	Delineated (GPS), Estimated (remote)
WFW-18	Riverine	PSS	0.00	III	5	Federal Way	80	Delineated (GPS)
WFW-19	Depressional	PEM, PSS	0.55	III	3	Federal Way	80	Estimated (remote)
WFW-20	Riverine	PSS, PFO	0.44	III	5	Federal Way	80	Estimated (remote)
WFW-21	Riverine	PSS	0.27	II	6	Federal Way	150	Delineated (GPS)
WFW-22	Depressional	PSS	0.05	III	3	Federal Way	80	Delineated (GPS)
WFW-23	Depressional	PEM	0.02	III	3	Federal Way	80	Estimated (remote)
WFW-24	Depressional	PEM, PFO	0.26	III	3	Federal Way	80	Delineated (GPS), Estimated (remote)
WFW-25	Depressional	PFO	0.29	III	4	Federal Way	80	Delineated (GPS)

Table J4.3-13 Wetlands in the Study Area (continued)

Wetland Name	HGM Classification[1]	USFWS Classification[2]	Approx. Acreage in Study Area (Acres)[3]	Wetland Rating (Ecology)[4]	Wetland Rating Habitat Score[5]	Jurisdiction[6]	Wetland Buffer Width (ft)[4,7]	Boundaries in Study Area[8]
WFW-26	Slope, Riverine	PFO	1.54	III	5	Federal Way	80	Delineated (GPS), Estimated (remote)
WFW-27	Slope	PFO	0.10	III	4	Federal Way	80	Delineated (GPS)
WFW-34	Depressional, Riverine	PFO	5.90	I	7	Federal Way	150	Delineated (surveyed), Delineated (GPS), Estimated (remote)
WFW-36	Slope	PEM, PFO	0.33	III	7	Federal Way	150	Delineated (surveyed)
WFW-37	Depressional, Slope, Riverine	PAB, PEM, PSS, PFO	9.83	I	8	Federal Way	300	Delineated (surveyed), Delineated (GPS), Estimated (remote)
WFW-38	Depressional, Slope, Riverine	PFO	4.17	I	8	Federal Way	300	Delineated (surveyed), Delineated (GPS), Estimated (remote)
WFW-39	Depressional, Slope, Riverine	PFO	14.89	II	6	Federal Way	150	Delineated (surveyed), Estimated (remote)
WFW-42	Depressional	PEM	0.02	II	6	Federal Way	150	Delineated (surveyed)
WFW-43	Depressional, Slope, Riverine	PAB, PEM, PFO	2.62	I	8	Federal Way	300	Delineated (surveyed), Estimated (remote)
WFW-44	Depressional	PEM	0.18	II	6	Federal Way	150	Delineated (surveyed), Estimated (remote)
WFW-45	Depressional	PSS	0.31	II	5	Federal Way	100	Delineated (surveyed), Estimated (remote)
WFW-46	Depressional	PSS	0.11	II	6	Federal Way	150	Delineated (surveyed), Estimated (remote)
WFW-47	Depressional	PFO	2.86	II	5	Federal Way	100	Estimated (remote)
WFW-48	Depressional	PSS, PFO	0.33	III	4	Federal Way	80	Estimated (remote)
WFW-49	Depressional, Slope, Riverine	PAB, PEM, PSS, PFO	1.24	I	8	Federal Way	300	Estimated (remote)
WMI-01	Depressional	PEM	0.91	III	5	Milton	105	Estimated (remote)
WMI-02	Slope	PEM	0.08	III	6	Milton	165	Estimated (remote)
WMI-03	Depressional	PEM	0.02	III	5	Milton	105	Delineated (surveyed)

Table J4.3-13 Wetlands in the Study Area (continued)

Wetland Name	HGM Classification[1]	USFWS Classification[2]	Approx. Acreage in Study Area (Acres)[3]	Wetland Rating (Ecology)[4]	Wetland Rating Habitat Score[5]	Jurisdiction[6]	Wetland Buffer Width (ft)[4,7]	Boundaries in Study Area[8]
WMI-04	Depressional	PSS	0.03	III	5	Milton	105	Estimated (remote)
WMI-06	Slope	PEM	0.03	IV	3	Milton	40	Delineated (GPS)
WMI-07	Slope	PEM, PSS	0.70	III	3	Milton	60	Delineated (GPS)
WMI-08	Slope	PEM, PSS	0.11	III	5	Milton	105	Delineated (GPS)
WMI-09a	Depressional, Riverine	PEM, PSS, PFO	3.65	I	7	Milton	165	Delineated (surveyed), Estimated (remote)
WMI-09b	Depressional, Riverine	PEM, PSS	2.50	II	6	Milton	165	Delineated (surveyed)
WMI-09c	Riverine	PEM, PFO	2.58	I	7	Milton (S)	165 110 (S)	Estimated (remote)
WMI-09d	Riverine	PEM, PSS, PFO	4.43	II	6	Milton (S)	165 110 (S)	Estimated (remote)
WMI-10	Slope	PSS	0.03	IV	3	Milton	40	Delineated (surveyed)
WMI-11	Depressional	PFO	2.06	II	4	Milton	75	Delineated (surveyed), Estimated (remote)
WMI-12	Depressional	PFO	0.62	II	5	Milton	105	Delineated (surveyed), Estimated (remote)
WMI-13	Depressional	PFO	2.98	II	5	Milton	105	Estimated (remote)
WMI-14	Depressional	PFO	2.47	II	4	Milton	75	Estimated (remote)
WMIFW-01	Depressional, Slope, Riverine	PEM, PSS, PFO	11.59	I	8	Federal Way, Milton	225 (Milton) 300 (Federal Way)	Delineated (surveyed), Delineated (GPS), Estimated (remote)
WPCFI-01	Riverine	PEM, PSS	0.74	II	5	Fife, Pierce County	100 (Pierce Co.) 105 (Fife)	Estimated (remote)
WPCMIFI-01	Slope, Riverine	PEM, PSS, PFO	4.71	II	6	Fife (S), Milton (S), Pierce County (S)	100 (Pierce Co.) 165 (Milton) 165 (Fife)	Estimated (remote)

Table J4.3-13 Wetlands in the Study Area (continued)

Wetland Name	HGM Classification[1]	USFWS Classification[2]	Approx. Acreage in Study Area (Acres) [3]	Wetland Rating (Ecology) [4]	Wetland Rating Habitat Score[5]	Jurisdiction[6]	Wetland Buffer Width (ft) [4,7]	Boundaries in Study Area[8]
Fife Segment								
WFI-01	Slope	PEM	0.09	III	3	Fife	60	Delineated (GPS)
WFI-02	Depressional	PEM	4.27	III	3	Fife	60	Delineated (GPS), Estimated (remote)
WFI-03	Depressional	PEM, PSS	1.99	III	3	Fife	60	Delineated (GPS), Estimated (remote)
WFI-04	Riverine	PEM, PSS	0.12	III	5	Fife	105	Estimated (remote)
WFI-05	Depressional	PEM	0.10	III	3	Fife	60	Estimated (remote)
WFI-06	Depressional	PEM	0.39	III	3	Fife	60	Delineated (GPS), Estimated (remote)
WFI-07	Depressional	PEM	0.25	III	3	Fife	60	Delineated (GPS), Estimated (remote)
WFI-08a	Riverine	PSS, PFO	1.99	II	6	Fife	165	Estimated (remote)
WFI-08b	Riverine	PSS, PFO	0.26	II	6	Fife	165	Estimated (remote)
WFI-08c	Riverine	PSS	0.08	III	4	Fife	60	Estimated (remote)
WFI-08d	Riverine	PEM	0.02	III	4	Fife	60	Estimated (remote)
WFI-09	Riverine	PSS	0.22	II	5	Fife (S)	105	Delineated (GPS)
WFI-10	Depressional	PFO	1.56	I (mature forest)	5	Fife (S)	105	Estimated (remote)
WFI-11	Depressional	PEM, PSS	0.15	III	3	Fife	60	Delineated (GPS)
WFI-12	Depressional	PEM	0.21	III	3	Fife	60	Delineated (GPS)
WFI-13	Depressional	PSS, PFO	0.20	III	4	Fife	60	Estimated (remote)
WFI-14a	Depressional	PEM	0.46	III	3	Fife	60	Estimated (remote)
WFI-14b	Depressional	PEM, PSS	0.15	III	3	Fife	60	Estimated (remote)
WFI-15	Depressional	PEM	0.46	III	3	Fife	60	Estimated (remote)
WFI-16	Depressional, Riverine	PEM	0.11	III	3	Fife	60	Estimated (remote)
WFI-17	Depressional, Riverine	PEM	0.29	III	3	Fife	60	Estimated (remote)
WFI-18	Depressional	PEM	7.33	III	3	Fife	60	Estimated (remote)
WFI-19	Depressional	PEM, PFO	0.83	III	4	Fife	60	Estimated (remote)
WFI-20	Depressional	PEM	0.11	III	3	Fife	60	Estimated (remote)
WFI-21	Depressional	PEM	0.03	III	3	Fife	60	Estimated (remote)
WFI-22	Depressional	PEM	0.11	III	3	Fife	60	Estimated (remote)
WFI-23	Depressional	PFO	0.15	I (mature forest)	5	Fife (S)	105	Estimated (remote)
WFI-24	Depressional	PSS, PFO	1.51	III	4	Fife	60	Estimated (remote)
WFI-25	Depressional	PEM, PSS	0.03	II	5	Fife (S)	105	Estimated (remote)

Table J4.3-13 Wetlands in the Study Area (continued)

Wetland Name	HGM Classification[1]	USFWS Classification[2]	Approx. Acreage in Study Area (Acres)[3]	Wetland Rating (Ecology)[4]	Wetland Rating Habitat Score[5]	Jurisdiction[6]	Wetland Buffer Width (ft)[4,7]	Boundaries in Study Area[8]
WFI-26	Depressional	PEM	0.53	III	3	Fife	60	Estimated (remote)
WFI-27	Depressional	PEM	2.13	III	3	Fife	60	Estimated (remote)
WFI-28	Depressional	PEM	1.26	IV	3	Fife	40	Estimated (remote)
WFI-30	Depressional	PEM, PSS	0.07	III	3	Fife	60	Estimated (remote)
WFI-32	Depressional	PEM	0.03	III	3	Fife	60	Estimated (remote)
WFI-33	Depressional	PFO	0.54	III	4	Fife	60	Estimated (remote)
WFI-34	Depressional	PEM	0.02	III	4	Fife	60	Estimated (remote)
WFI-35a	Depressional	PEM	0.02	III	4	Fife	60	Estimated (remote)
WFI-35b	Depressional	PEM	0.02	III	4	Fife	60	Estimated (remote)
WFI-35c	Depressional	PEM	0.06	III	4	Fife	60	Estimated (remote)
WFI-35d	Depressional	PEM	0.01	III	4	Fife	60	Estimated (remote)
WFI-35e	Depressional	PEM	0.01	III	4	Fife	60	Estimated (remote)
WFI-36	Depressional	PEM	0.13	III	5	Fife	105	Estimated (remote)
WPCFI-02	Riverine	PEM, PSS, PFO	1.57	II	6	Fife (S), Pierce County (S)	100 (Pierce Co.) 165 (Fife)	Delineated (GPS), Estimated (remote)
Tacoma Segment								
WTA-01	Riverine	PSS	0.22	III	4	Tacoma (S)	75	Delineated (GPS)
WTA-02	Depressional	PFO	0.01	IV	3	Tacoma	50	Estimated (remote)
WTA-03	Riverine	PSS	0.00	III	4	Tacoma (S)	75	Estimated (remote)
WTA-04	Riverine	PSS	0.10	III	4	Tacoma (S)	75	Estimated (remote)

Notes:

(1) HGM = Hydrogeomorphic classification (Brinson 1993).

(2) PEM = palustrine emergent; PFO = palustrine forested; PSS = palustrine scrub-shrub, PAB = palustrine aquatic bed (Cowardin et al. 1979; FGDC 2013).

(3) Wetland area includes the active, unvegetated stream channel.

(4) Wetland ratings categorize wetlands based on their sensitivity to disturbance, their significance, their rarity, our ability to replace them, and the functions they provide (Hruby and Yahnke 2023). Category I wetlands have a very high level of function; Category IV wetlands have a low level of function. Ratings and associated regulatory buffer widths in this table are preliminary and subject to change.

(5) Habitat points represent the score that is generated from the habitat analysis section of the wetland rating (Hruby and Yahnke 2023),). Habitat scores range from 3 (low) to 9 (high). Many local jurisdictions use habitat points to determine wetland buffer widths.

(6) (S) indicates wetlands that lie within the shoreline jurisdiction in each city or county.

(7) FWRC 19.145.420, Table 1; MMC 18.16.320, Table 1; TMC 13.11.320, Table 3; FMC 17.17.230, Table 1, PCC 18E.30.060, Table 1. Where buffers within the shoreline jurisdiction differ from those established in the applicable local critical areas code, shoreline jurisdiction buffers are denoted by “S.”

(8) Delineated (Surveyed) = wetland boundaries delineated in the field and were professionally surveyed; Delineated (GPS) = wetland boundaries were delineated in the field and were located using a handheld global positioning system (GPS) unit; Estimated (remote) = boundaries not delineated in the field, but were based on existing information and aerial imagery

Of the 106 wetlands identified and described in this report, 54 were fully or partially accessed during field delineation surveys to assess wetland hydrology, soils, and vegetation. The boundaries of 52 wetlands were fully estimated using remote sensing and best professional judgment where access was limited.

Where possible, field observations were collected for remotely identified wetlands from public rights-of-way (primarily those wetlands well away from the project footprint, whose functional buffers do not overlap with the project footprint, or on private parcels for which rights of entry had not yet been obtained).

Wetland determination forms and rating forms for the wetlands accessed during the field surveys are provided in Attachments D and E, respectively. Photographs of wetlands accessed during the field surveys and from public rights-of-way are included in Attachment F. Wetland boundaries are shown on Figures J4.3-1 through J4.3-13.

3.3.1 Federal Way Segment

The Federal Way Segment extends from the Federal Way Downtown Station and ends at S 344th Street. Most of the alignment is adjacent to I-5. The Preferred FW Enchanted Parkway Alternative is the only build alternative within this segment, and there is one design option, the FW Design Option. The alternative would begin at the terminus of the Federal Way Link Extension, curve east at S 324th Street to I-5, and parallel I-5 to S 344th Street. Surrounding land uses include the Belmor Mobile Home Park (Belmor) (a manufactured home community with a golf course), single-family housing, developed commercial areas, and undeveloped forested areas. Substantial development of the area has altered natural wetlands and watercourses considerably. Many of the wetlands in this portion of the study area are associated with the East Fork Hylebos Creek Tributary 0016A. See Section 3.1.2 for more information about the stream network in this area.

In general, vegetated buffers of wetlands are often limited by roads and other impervious surfaces, such as parking lots and commercial development and are particularly constrained between development and I-5. Due to substantial residential development, buffers also include landscaped lawns. Wetland buffers often overlap with stream buffers of the East Fork Hylebos Creek Tributary 0016A. As such many of the buffers consist of common riparian vegetation, including mixed deciduous/coniferous forests. Due to their proximity to development, many buffers contain non-native and invasive vegetation and are further degraded by human influences.

Wetland WFW-01

Wetland WFW-01 is located west of I-5 and south of S 336th Street, along the eastern boundary of the Christian Faith Center property. The wetland is associated with East Fork Hylebos Creek Tributary 0016A and includes both riverine and depressional elements.

This wetland primarily consists of palustrine deciduous forest communities dominated by Oregon ash, red alder, and black cottonwood. Salmonberry, red-twig dogwood, and vine maple are common understory plants. Slough sedge is common in wetter portions of the wetland, including areas that appear seasonally ponded. Reed canarygrass and Himalayan blackberry are present throughout the wetland. Primary hydrology for the wetland is overbank flooding from East Fork Hylebos Creek Tributary 0016A, as well as high groundwater and stormwater runoff from nearby impervious surfaces. Soils in Wetland WFW-01 are silt or sandy loams that meet

hydric soil indicators redox dark surface (F6) and thick dark surface (A12). The wetland boundary is defined by a lack of wetland hydrology in upland areas and a gradual change in wetland to upland soils and vegetation.

Wetland WFW-01 was described in the 2003 Christian Faith Center Environmental Impact Statement (where it was referred to as “Wetland B”) and includes approximately 5,400 square feet of created wetland and an additional 3,500 square feet of wetland enhancement as part of on-site mitigation from the site’s previous development (City of Federal Way 2003).

Wetland WFW-03

Wetland WFW-03 is a riverine wetland located along both sides of East Fork Hylebos Creek Tributary 0016A in the WSDOT right-of-way west of I-5. Hydrology for Wetland WFW-03 appears to be derived primarily from overbank flooding, as well as groundwater discharge. Wetland WFW-03 receives stormwater discharge from nearby commercial development, as well as surface runoff from I-5.

This wetland primarily consists of a palustrine deciduous forested community. Dominant species include Oregon ash, black cottonwood, and Pacific willow. Dominant understory species include salmonberry, with small pockets of slough sedge. Soils in Wetland WFW-03 meet hydric soil indicator redox dark surface (F6). The wetland boundary is defined by a gradual increase in elevation with a transition to upland conditions.

Wetland WFW-04

Wetland WFW-04 is a depressional wetland located at the edge of the WSDOT right-of-way near a stormwater facility west of I-5, between S 341st Place and S 344th Street. Vegetation in the wetland is dominated by Oregon ash, Pacific willow, and black cottonwood, with an understory consisting primarily of hardhack. Hydric soils in Wetland WFW-04 are a silt loam with high organic content that meet hydric soil indicators, redox dark surface (F6). Hydrology inputs to Wetland WFW-04 include overflow from the adjacent stormwater facility, as well as stormwater inputs from surrounding commercial properties and a high groundwater table. Wetland WFW-04 is a closed depression with no outlet. The wetland boundary is defined by a gradual change in soils and vegetation and a lack of wetland hydrology.

Wetland WFW-06

Wetland WFW-06 is a small slope wetland located in the WSDOT right-of-way west of I-5, between S 336th Street and S 344th Street. This wetland is located in an apparently excavated swale feature that drains stormwater from I-5 to East Fork Hylebos Creek Tributary 0016A. Although the majority of the swale does not meet the definition of wetland, the far southern end has sufficient hydrology to produce hydric soils meeting indicator redox dark surface (F6) and to support hydrophytic vegetation. The wetland is dominated by scrub-shrub vegetation, primarily salmonberry. Only the far southern end of the swale has sufficient hydrology to support hydrophytic vegetation and produce hydric soils; therefore, the wetland boundary was determined by presence of wetland hydrology.

Wetland WFW-07

Wetland WFW-07 is a small riverine wetland located in the northeast section of Belmor adjacent to golf course greens. Within the Belmor golf course, East Fork Hylebos Creek Tributary 0016A has been channelized, and a build-up of sediment has resulted in several wetland benches that are below the OHWM. The palustrine scrub-shrub and emergent wetland is dominated by

Himalayan blackberry, hardhack, Sitka willow, reed canarygrass, and giant horsetail. Hydric soils met two indicators: depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by lack of wetland hydrology.

Wetland WFW-08

Wetland WFW-08 is a small, riverine wetland located in the northeast section of Belmor adjacent to golf course greens. Wetland WFW-08 is south (downstream) of Wetland WFW-07, separated by a 48-inch concrete culvert. Wetland WFW-08 consists of several bench wetlands located below the OHWM, in which the primary source of hydrology is provided by East Fork Hylebos Creek Tributary 0016A. The stream has been channelized in this section.

The palustrine scrub-shrub and emergent wetland is dominated by Himalayan blackberry, Sitka willow, cattail, reed canarygrass, and slough sedge. Soils were dark and underlain by a restrictive layer composed of quarry spalls. Hydric soils in the scrub-shrub and emergent vegetation classes were dark, but indicators were problematic, likely due to widespread land surface modifications and site development. However, the presence of strongly hydrophytic plants, the primary indicators of wetland hydrology, and the wetland's landscape position within the active floodplain support the assumption that the soils were hydric and therefore the presence of wetland conditions. The wetland boundary was determined by lack of wetland hydrology and hydric soil indicators.

Wetland WFW-09

Wetland WFW-09 is a small, riverine wetland located in the southeastern section of Belmor. Wetland WFW-09 is south (downstream) of Wetland WFW-08, separated by twin 18-inch culverts. Wetland WFW-09 consists of several bench wetlands located below the OHWM, in which the primary source of hydrology is provided by East Fork Hylebos Creek Tributary 0016A, which has been channelized in this section.

The palustrine scrub-shrub wetland is dominated by Himalayan blackberry, hardhack, and Sitka willow. Hydric soils were dark and/or had a depleted matrix in lower layers and met the hydric soil indicators depleted matrix (F3) and depleted below dark surface (A11) within the scrub-shrub vegetation class. The wetland boundary was determined by lack of wetland hydrology and hydric soil indicators.

Wetland WFW-10

Wetland WFW-10 is a riverine wetland with two wetland segments (northern and southern) located between S 330th Street and S 333rd Street on multiple parcels. Wetland WFW-10 is south (downstream) of Wetland WFW-12 and is separated from Wetland WFW-15 by twin 18-inch culverts. The primary source of hydrology was provided by East Fork Hylebos Creek Tributary 0016A and a high groundwater table.

The palustrine forested wetland is dominated by western redcedar, black cottonwood, red alder, Oregon ash with Himalayan blackberry, salmonberry, lady fern, slough sedge, and Kentucky bluegrass (*Poa pratensis*) in the understory. Hydric soils were dark and/or had a depleted matrix in lower layers. Within Unit A, hydric soils met the hydric soil indicators hydrogen sulfide (A4) and thick dark surface (A12). Hydric soils in Unit B met the hydric soil indicator redox dark surface (F6). Within Unit C, hydric soils met the indicator depleted below dark surface (A11). The wetland boundary was determined by the gradual transition to higher elevation and lack of wetland hydrology and hydric soil indicators.

The two units are rated together because they lack hydrologic constrictions or gaps in vegetation exceeding 50 feet that would divide them into separate rating units.

Wetland WFW-11

Wetland WFW-11 is a depressional wetland located between 24th Avenue S and I-5 in Federal Way both on private land and in the WSDOT I-5 right-of-way. Wetland hydrology was supported by a high groundwater table and precipitation.

The wetland is dominated by black cottonwood, red alder, Oregon ash, Sitka willow, hardhack, and Himalayan blackberry in the palustrine forested class, and reed canarygrass in the emergent vegetation class. Hydric soils were depleted below a dark upper layer and met the indicators depleted matrix (F3) and depleted below dark surface (A11) within the forested vegetation class and the indicators redox dark surface (F6) in the emergent vegetation class. The wetland boundary was determined by a transition to upland soils and vegetation with a lack in hydrology.

Wetland WFW-12

Wetland WFW-12 is a small, riverine wetland located at the south end of Belmor and extending into two adjacent parcels. The primary sources of hydrology are flooding from East Fork Hylebos Creek Tributary 0016A and a high groundwater table. Wetland WFW-12 is south (downstream) of Wetland WFW-09, separated by a 41-inch pre-cast concrete culvert. Wetland WFW-12 consists of several bench wetlands located below the OHWM.

The palustrine emergent, scrub-shrub, and forested wetland is dominated by red alder, salmonberry, Himalayan blackberry, reed canarygrass, and creeping buttercup. Hydric soils observed in this wetland were largely depleted, but indicators were problematic, likely due to widespread land surface modifications and site development. However, the presence of hydrophytic plants and several primary indicators of wetland hydrology, combined with its landscape position within the active floodplain, support the assumption that hydric soils are present. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFW-13

Wetland WFW-13 is a small, slope wetland located within a ditch in the WSDOT right-of-way east of I-5 and south of S 333rd Street. The ditch continues south where eventually it transitions to a riprap-lined ditch, and then ends. Wetland WFW-13's primary sources of hydrology are a high groundwater table and precipitation.

The palustrine scrub-shrub wetland has sparse vegetation, which is dominated by Himalayan blackberry and reed canarygrass. Hydric soils consisted of a depleted matrix overlain by dark soils, which had a restrictive layer of clay and gravel starting at 17 inches below ground level. Hydric soils met the indicators depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by the transition to riprap material and lack of wetland hydrology.

Wetland WFW-14

Wetland WFW-14 is a depressional wetland located in a stormwater pond with wetland characteristics just north of S 336th Street. Its primary source of hydrology is precipitation and

stormwater from the nearby apartment complex. Water from the stormwater pond flows south through a culvert and empties into East Fork Hylebos Creek Tributary 0016A at S 336th Street. This palustrine emergent wetland is dominated by Kentucky bluegrass and creeping buttercup. Hydric soils included a depleted matrix (F3). The wetland boundary was determined by a gradual slope and abrupt transition to upland vegetation.

According to King County assessor data and historic aerial imagery, the stormwater pond appears to have been created between 1998 and 1999 during construction of the associated apartment complex. It is unknown whether the stormwater pond was excavated from wetland or upland. Wetlands are not mapped at this site by NWI, Federal Way, or King County iMap, nor do historic aerial photos indicate the presence of a wetland. However, the stormwater pond's proximity to East Fork Hylebos Creek Tributary 0016A, historic topographic maps, and the abundance of nearby wetlands associated with the stream suggest the possibility that a wetland could have been present in this area historically.

Wetland WFW-15

Wetland WFW-15 is a riverine wetland associated with East Fork Hylebos Creek Tributary 0016A located north of S 336th Street. The palustrine scrub-shrub and forested wetland is dominated by salmonberry and red alder. Its primary source of hydrology includes overbank flooding from stream and a high groundwater table. Hydric soils in Wetland WFW-15 are clay loam with gravel in upper layers. They meet hydric soil indicator depleted below dark surface (A11). The eastern wetland boundary was determined by topography breaks, the transition to upland soils, and lack in hydrology.

Wetland WFW-16

Wetland WFW-16 is a depressional wetland located at the north end of the Federal Way/S 320th Street park-and-ride. Its primary source of hydrology includes stormwater inputs, a high groundwater table, and precipitation. The palustrine emergent and scrub-shrub wetland is dominated by Himalayan blackberry, hardhack, reed canarygrass, cattail, and slough sedge. Hydric soils were depleted and met the indicators for depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by the edge of concrete and the transition to upland vegetation and absence of hydrology.

Wetland WFW-32

Wetland WFW-32 is classified as a depressional wetland with palustrine scrub-shrub and emergent wetland plant communities. It is located at the west side of the Federal Way/S 320th Street Park and Ride and east of 23rd Avenue S. The wetland is a linear depression that receives water from a high groundwater table and from the parking lot and intermittently outflows into a stormwater pond to the north. From the stormwater pond, water flows through pipes to the East Fork Hylebos Creek Tributary 0016A and daylights in Belmor. Soils sampled meet hydric soil indicator depleted matrix (F3) and depleted below dark surface (A11). Dominant vegetation includes Himalayan blackberry, hardhack, reed canarygrass, creeping buttercup, and soft rush. The wetland boundary was determined by the edge of concrete and absence of hydrology.

3.3.2 South Federal Way Segment

The South Federal Way Segment begins at S 344th Street on the west side of I-5 and continues to the Fife city limits. There are four build alternatives and one design option:

- South Federal Way (SF) Enchanted Parkway Alternative, which includes the SF Enchanted Parkway Station and the SF 352nd Span Station Option.
- SF I-5 Alternative, which includes the SF I-5 Station.
- SF 99-West, which includes the SF 99-Enchanted Station.
- SF 99-East, which includes the SF 99-352nd Station.
- Porter Way Design Option, which could be paired with either the SF 99-West or the SF 99-East alternative.

Surrounding land uses include residential housing, developed commercial and industrial areas, a high school, mobile home parks, and undeveloped forested areas that contain a considerable amount of wetlands. Many of the wetlands in this portion of the study area are associated with tributaries of Hylebos Creek. Wetlands occur along both sides of SR 99; their hydrologic connection was historically disrupted with the construction of the road. See Section 3.1.2 for more information about the stream network in this area.

In general, wetlands buffers are often limited by roads and other impervious surfaces such as parking lots in the South Federal Way Segment. Buffers also include landscaped lawns. Wetland buffers often overlap with stream buffers in this segment. As such many of the buffers consist of common riparian vegetation, including mixed deciduous/coniferous forests. Most buffers near development and in the riparian corridor contain non-native and invasive vegetation and are further degraded by development and human influences.

Wetland WFW-05

Wetland WFW-05 is a riverine wetland located along East Fork Hylebos Creek Tributary 0016A between S 344th Street and the offramp from southbound I-5 to Highway 18. This wetland supports both coniferous and deciduous forested communities and is dominated by western redcedar, Oregon ash, and black cottonwood, with an understory of hardhack, Sitka willow, and twinberry. Soils within the wetland are silt loam and meet hydric soil indicator thick dark surface (A12). Primary hydrology inputs for the wetland appear to be from overbank flooding of East Fork Hylebos Creek Tributary 0016A, although depressions within the wetland appear to hold water outside of flood events. The wetland boundary was determined by the transition to upland soils and vegetation and lack of hydrology indicators.

Wetland WFW-17

Wetland WFW-17 is a riverine wetland located west of I-5 and south of S 344th Street with a palustrine forested vegetation community. The wetland is adjacent to East Fork Hylebos Creek Tributary 0016A. Vegetation in the wetland is dominated by black cottonwood, with an understory of twinberry and salmonberry. Hydric soils in Wetland WFW-17 are silt loams that meet hydric soil indicator depleted below dark surface (A11). Wetland hydrology is supported by overbank flooding from East Fork Hylebos Creek Tributary 0016A and a high groundwater table. The wetland boundary was determined by the transition to upland soils due to the lack of wetland soil indicators.

Wetland WFW-18

Wetland WFW-18 is a riverine wetland located west of I-5 and south of S 344th Street and is located north of Wetland WFW-17 on the same property. Wetland WFW-18 is adjacent to East Fork Hylebos Creek Tributary 0016A. The wetland is dominated by scrub-shrub vegetation, including primarily Scouler's willow, with reed canarygrass present in emergent areas. Soils within the wetland are silt loam and meet hydric soil indicator redox dark surface (F6). Wetland hydrology is supported by a local high groundwater table. Wetland WFW-18 contains areas that occasionally flood as well as an intermittently flowing outlet to East Fork Hylebos Creek Tributary 0016A. The wetland boundary was determined by the transition to upland soils.

Wetland WFW-19

Wetland WFW-19 is a small, depressional wetland located between 8th Avenue S and southbound I-5. This wetland was mapped using observations from roads and aerial imagery, and its boundary was approximated based on saturation visible on aerial imagery and site contours. The wetland appeared to include areas of seasonal or occasional ponding within emergent and scrub-shrub wetland communities.

Wetland WFW-20

Wetland WFW-20 is a riverine wetland located in the WSDOT right-of-way west of I-5 and south of S 348th Street. Wetland WFW-20 is associated with East Fork Hylebos Creek Tributary 0016A and receives its primary source of hydrology from the stream, along with stormwater runoff from nearby impervious surfaces. Wetland WFW-20 outlets into East Fork Hylebos Creek Tributary 0016A, flowing south. Wetland WFW-20 contains palustrine scrub-shrub and forested vegetation communities. The scrub-shrub community consists of Himalayan blackberry, red alder, and black cottonwood. The forested community includes western redcedar, red alder, Himalayan blackberry, and reed canarygrass. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFW-21

Wetland WFW-21 is a small, riverine wetland located off I-5 in a highway cloverleaf. Wetland WFW-21 is associated with East Fork Hylebos Creek Tributary0016A. A culvert is the outlet from Wetland WFW-21 to East Fork Hylebos Creek Tributary 0016A downstream. The primary sources of hydrology for the wetland are flooding and a high groundwater table from the stream. Wetland WFW-21 contains a palustrine scrub-shrub vegetation community consisting of Pacific ninebark, Himalayan blackberry, Scouler's willow, red alder, and salmonberry. Soils found throughout Wetland WFW-21 meet hydric soil indicator redox dark surface (F6). The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFW-22

Wetland WFW-22 is a small, depressional wetland located on the far western side of an I-5 cloverleaf, north of Wetland WFW-21. Wetland WFW-22 is not associated with a stream. The wetland is a localized depression that receives its primary source of hydrology from stormwater and precipitation. Wetland WFW-22 contains a palustrine scrub-shrub community, consisting of red-twig dogwood, black cottonwood, and Himalayan blackberry. Soils sampled in Wetland WFW-22 meet the criteria for the hydric soil indicator depleted matrix (F3). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WFW-23

Wetland WFW-23 is a narrow, small depressional wetland located in a ditch in the WSDOT right-of-way median between the on-ramp for southbound I-5 and the exit ramp for SR 18. Its primary source of hydrology is from stormwater and precipitation. Wetland WFW-23 outlets south along I-5 during high precipitation events, but typically, water levels are contained to a very small depression alongside I-5. Wetland WFW-23 contains a palustrine emergent community dominated by colonial bentgrass (*Agrostis capillaris*). Soils found at Wetland WFW-23 met the criteria for hydric soil indicators depleted below dark surface (A11) and depleted matrix (F3). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WFW-24

Wetland WFW-24 is a depressional wetland located in the WSDOT right-of-way west of I-5 and along the eastern boundary of a commercial plant nursery south of S 364th Way. Wetland WFW-24 receives its primary source of hydrology from a high groundwater table, runoff from nearby impervious surfaces, and precipitation. Wetland WFW-24 does not have an outlet; rather, it is confined to a localized depression. Wetland WFW-24 contains palustrine emergent and forested communities. The emergent vegetation community is dominated by creeping buttercup, while the forested community is dominated by red alder. Soils found in Wetland WFW-24 meet the criteria for hydric soil indicator depleted matrix (F3). The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFW-25

Wetland WFW-25 is a depressional wetland located in the WSDOT right-of-way west of I-5 and south of the former WSDOT Weigh Station along I-5 south. Wetland WFW-25 receives its primary source of hydrology from a high groundwater table, and it receives stormwater runoff from nearby impervious surfaces and precipitation. Wetland WFW-25 has an undefined outlet toward the southern end of the wetland. Wetland WFW-25 contains palustrine forested communities dominated by black cottonwood, with reed canarygrass, spiraea and Himalayan blackberry in the understory. Soils found in Wetland WFW-25 meet the criteria for hydric soil indicator depleted matrix (F3). The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFW-26

Wetland WFW-26 is a slope and riverine wetland located west of I-5 associated with East Fork Hylebos Creek Tributary 0016A. Only the portions of this wetland in WSDOT-owned properties and right-of-way were accessed during field visits. Wetland hydrology is supported by overbank flooding, stormwater runoff from I-5 and groundwater expression.

The southern portion of the wetland appears to be a mitigation site constructed by WSDOT a few years ago, based on the uniform spacing of native plantings and extensive mulch. Many plantings now provide tree canopy cover and contribute to a forested class and include primarily red alder and black cottonwood. Understory shrub species include Nootka rose, red-twig dogwood, osoberry, and western redcedar. The northern portion includes red alder, western redcedar, and Himalayan blackberry. Soils met indicators depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WFW-27

Wetland WFW-27 is a slope wetland associated with the East Fork Hylebos Creek Tributary 0016A located on WSDOT-owned parcels west of I-5 near the corner of S 356th Street and Enchanted Parkway S. Wetland WFW-27 is downstream and separated from Wetland WFW-26 by a large box culvert under a gravel road. Like Wetland WFW-26, WFW-27 appears to be a mitigation site constructed by WSDOT a few years ago, based on the uniform spacing of native plantings and extensive mulch. Wetland hydrology is supported by overbank flooding, stormwater runoff from I-5 and groundwater expression. Many plantings now provide tree canopy cover and contribute to a palustrine forested class and include primarily red alder and black cottonwood. Understory shrub species include red-twig dogwood, osoberry, and western redcedar. Soils were depleted with redoximorphic features, which met soil indicators depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WFW-34

Wetland WFW-34 is a riverine and depressional wetland located east of SR 99 between S 356th Street and S 359th Street. Wetland WFW-34 is associated with North Fork Hylebos Creek and receives its primary source of hydrology from the stream, a highwater table, and some stormwater runoff from nearby impervious surfaces at its southern boundary.

Wetland WFW-34 contains a palustrine forested vegetation community dominated by Pacific willow, red alder, black cottonwood, and western redcedar. Soils in the wetland have a dark surface layer with redox concentrations in the dark layer that meet the requirements of hydric soil indicator redox dark surface (F6).

Wetland WFW-36

Wetland WFW-36 is a slope wetland located west of and alongside SR 99 on two undeveloped parcels. Wetland WFW-36 receives its primary source of hydrology from hillslope seeps and precipitation. Hydrology exits the wetland through a storm drain under a private residence driveway on the southern corner of the wetland. The storm drain is piped under SR 99 and water flows into Wetland WFW-39 which flows into West Fork Hylebos approximately 0.80 mile south.

Wetland WFW-36 contains palustrine emergent and forested vegetation communities. The emergent community consists of reed canarygrass, slough sedge, and lady fern. The forested community includes western redcedar and red alder with an understory of Himalayan blackberry and salmonberry. Soils within the wetland were a sandy silt and clay loams with redoximorphic features within the matrix and along pore linings, which met hydric soil indicators redox dark surface (F6) and depleted matrix (F3). The wetland boundary was determined by the presence of upland vegetation and lack of redoximorphic features within the examined soils.

Wetland WFW-37

Wetland WFW-37 is a depressional, riverine, and slope wetland that is associated with West Fork Hylebos Creek. It is located east of SR 99, across from the Montessori Academy at Spring Valley and extending south to S 373rd Street. A large portion of this wetland includes a WSDOT mitigation site. Wetland WFW-37 receives its primary source of hydrology from a high groundwater table, overbank flooding, and stormwater runoff from nearby impervious surfaces. Water leaves the wetland via West Fork Hylebos Creek at a small concrete bridge at S 373rd Street and enters Wetland WMIFW-01.

Wetland WFW-37 contains palustrine aquatic bed, emergent, scrub-shrub, and forested vegetation communities. The emergent community consists of reed canarygrass, pale-yellow iris, common rush, and broadleaf cattail. The scrub-shrub community consists of Himalayan blackberry, spiraea, Nootka rose, and pacific willow. The forested community includes western redcedar, red alder, and black cottonwood. Soils within the wetland contain depleted matrices with strong redoximorphic features in the matrix and along pore linings, which meet hydric soil indicators depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by the presence of redoximorphic concentrations along pore linings and presence of hydrology.

Wetland WFW-38

Wetland WFW-38 is a depressional, riverine and slope wetland. It is located west of SR 99. Wetland WFW-38 receives its primary hydrology source from a high groundwater table and hillslope seeps. Water from the wetland flows to a ditch along SR 99. A portion of the ditch is included within the boundaries of the wetland. Water leaves the wetland through several culverts under SR 99 and enters Wetland WFW-39.

Wetland WFW-38 contains a palustrine forested vegetation communities with a sub-canopy of shrub and herbaceous vegetation. Dominant vegetation includes western redcedar and red alder with an understory of Himalayan blackberry, salmonberry, red-twig dogwood, giant horsetail, skunk cabbage, lady fern, and two-leaf false Solomon's seal (*Maianthemum racemosum*). Soils observed within the wetland contain a mucky organic layer extending to at least 18-inches below the surface, which meet hydric soil indicator histosol (A1). Additionally, the presence of a hydrogen sulfide odor met hydrology indicator hydrogen sulfide (A4). The wetland boundary was determined by the presence of surface saturation and hydrophytic vegetation.

Wetland WFW-39

Wetland WFW-39 is a depressional, riverine and slope wetland. It is located east of SR 99 across from Wetland WFW-38. Wetland WFW-39 receives its primary source of hydrology from upslope wetland (Wetland WFW-38), a high groundwater table, North Fork Hylebos Creek, and likely stormwater discharges from Todd Beamer High School.

Wetland WFW-39 contains a palustrine forested vegetation community with a complex sub-canopy of shrubs and herbaceous vegetation. Dominant vegetation includes Oregon ash, black cottonwood, and red alder with an understory of Himalayan blackberry, salmonberry, twinberry, vine maple, and giant horsetail. Soils observed within the wetland include clay loams, loams, and muck. They meet hydric soil indicator histosol (A1), depleted below dark surface (A11), and depleted matrix (F3). The wetland boundary was determined by the presence/absence of hydrology.

Wetland WFW-42

Wetland WFW-42 is a small depressional wetland located at the toe of the SR 99 fill slope. It is isolated within a localized depression and derives its hydrology from runoff and a high groundwater table.

Wetland WFW-42 contains a palustrine emergent vegetation community. Dominant emergent vegetation includes reed canarygrass. Soils observed within the wetland contain sandy loams with depleted matrices with redoximorphic features along pore linings and as concentrations with the matrix. These characteristics met for hydric soil indicator depleted below dark surface

(A11). The wetland boundary was determined by the change in topography and absence wetland hydrology and hydric soils.

Wetland WFW-43

Wetland WFW-43 is a depressional, riverine, and slope wetland, located on the west side of SR 99. Wetland WFW-43 receives its primary source of hydrology from hillslope seeps, a high groundwater table, and West Fork Hylebos Creek.

Wetland WFW-43 contains palustrine aquatic bed, emergent, and forested vegetation communities. The emergent vegetation community consists of reed canarygrass. The forested vegetation community includes black cottonwood and red alder with an understory of Himalayan blackberry, salmonberry, lady fern, stinging nettle and Nootka rose. Soils within the wetland were a dark clay loam with redoximorphic features within the matrix, which meet hydric soil indicator redox dark surface (F6) and thick dark surface (A12). The wetland boundary was determined by the transition to upland vegetation and lack of wetland hydrology and hydric soil indicators.

Wetland WFW-44

Wetland WFW-44 is a depressional wetland located along the west side of SR 99. WFW-44 receives its primary hydrology from a high groundwater table and runoff from SR 99. The wetland drains southeast under a driveway through a culvert into a ditch.

Wetland WFW-44 contains an emergent vegetation community dominated by reed canarygrass and giant horsetail. Soils in the wetland have a dark surface layer with redox concentrations in the dark layer that meet the requirements of hydric soil indicator redox dark surface (F6) with hydrogen sulfide odor (A4). The wetland boundary was determined by the extent of road fill along the SR 99 edge, a shift to a dominance of upland vegetation, and a lack of saturation within soils.

Wetland WFW-45

Wetland WFW-45 is a depressional wetland located along the north side of 373rd Street east of SR 99. WFW-45 receives hydrology primarily from road runoff coming off of SR 99. The wetland has an outlet in the form of a ditch along S 373rd street.

Wetland WFW-45 contains a scrub-shrub vegetation community dominated by twinberry and Nootka rose. Soils in the wetland have a dark surface layer with redox concentrations in the dark layer that meet the requirements of hydric soil indicator redox dark surface (F6). The wetland boundary was determined by the shift to a dominance in upland vegetation.

Wetland WFW-46

Wetland WFW-46 is a depressional wetland located just west of SR 99 and north of a Washington State Patrol weigh station. WFW-46 receives its hydrology primarily from groundwater seeps. The outlet of the wetland is a culvert that directs flows east under SR 99 and into Wetland WFW-37. Wetland WFW-45 contains a scrub-shrub vegetation community consisting of Himalayan blackberry, Oregon ash saplings, Douglas spiraea, and salmonberry. Soils in the wetland have a mucky loam texture and meet the requirements of hydric soil indicator loamy mucky mineral (F1). The wetland boundary was determined by the extent of road fill along the delineated edge, and aerial imagery and topography.

Wetland WFW-47

Wetland WFW-47 is a depressional wetland located west of SR 99, south of SW 374th Street. Wetland WFW-47 boundaries were remotely estimated using aerial imagery, topography, and observations from the right-of-way. Wetland WFW-47 presumably receives its primary hydrology source from a high groundwater table and hillslope seeps. Water exits the wetland via a culvert at the south corner of the wetland and flows into a pipe system parallel to SR 99. Wetland WFW-47 contains a palustrine forested vegetation community with red alder and black cottonwood.

Wetland WFW-48

Wetland WFW-48 is a depressional wetland located in the forested patch at the intersection of S 356th Street and SR 99. Wetland WFW-48 boundaries were remotely estimated using aerial imagery, topography, and observations from the right-of-way. The wetland presumably receives its primary hydrology source from a high groundwater table.

Wetland WFW-48 contains a palustrine scrub-shrub and forested vegetation community with black cottonwood and Douglas spiraea.

Wetland WFW-49

Wetland WFW-49 is a depressional, slope, and riverine wetland. A portion of the northern side of the wetland is a WSDOT mitigation site. It is located south of S 364th Street and east of 8th Avenue S. Wetland WFW-49 boundaries were remotely estimated using aerial imagery and topography, and observations from the right-of-way. The wetland receives its primary hydrology source from a high groundwater table and West Fork Hylebos Creek. Wetland WFW-49 outlets to Wetland WFW-37 through a culvert under 8th Avenue S.

Wetland WFW-49 contains palustrine aquatic bed, emergent, scrub-shrub, and forested vegetation communities.

Wetland WMI-01

Wetland WMI-01 is a depressional wetland located west of southbound I-5 and north of Birch Street. This wetland was mapped using observations from adjacent parcels and aerial imagery. The wetland appeared to include areas of seasonal or occasional ponding within an emergent wetland community. The wetland was mapped based on changes in topography, observations from the right-of-way, and aerial imagery.

Wetland WMI-02

WMI-02 is a slope wetland located in the WSDOT right-of-way west of I-5 north of Birch Street. Wetland WMI-02 receives its primary source of hydrology from a high groundwater table and stormwater runoff from nearby impervious surfaces. Wetland WMI-02 has an undefined outlet that drains SFW-01 that drains into West Fork Hylebos Creek. Wetland WMI-02 contains a palustrine emergent community dominated by reed canarygrass. Soils found in Wetland WMI-02 meet the criteria for hydric soil indicator depleted matrix (F3). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WMI-03

Wetland WMI-03 is a small depressional wetland located within the WSDOT right-of-way on the west side of I-5. Wetland hydrology is supported by a high groundwater table and precipitation. The palustrine emergent wetland is dominated by reed canarygrass, with hardhack and Himalayan blackberry on the fringes. Hydric soils were depleted and met the indicator depleted matrix (F3). The wetland boundary was determined by the changes in topography and the absence of wetland hydrology.

Wetland WMI-04

Wetland WMI-04 is a depressional wetland located within the WSDOT right-of-way west of I-5. Wetland hydrology is supported by a high groundwater table and precipitation. The palustrine scrub-shrub wetland is dominated by spiraea hardhack, Himalayan blackberry, and Pacific crabapple, with patches of reed canarygrass. Hydric soils were depleted and met the indicator depleted matrix (F3) and/or depleted below dark surface (A11). The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WMI-06

Wetland WMI-06 is a linear slope wetland located within the WSDOT right-of-way west of I-5. Wetland WMI-06 is a palustrine emergent wetland dominated by reed canarygrass and common facultative roadside grasses. Hydric soils met the indicator depleted matrix (F3). Wetland hydrology is supported by stormwater runoff from I-5 and groundwater expression off the hillslope to the west. The wetland drains downslope into a stormwater catch basin within the WSDOT right-of-way. The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WMI-07

Wetland WMI-07 is a slope wetland located within the WSDOT right-of-way west of I-5. The wetland extends from the boundary of the WSDOT right-of-way down to a swale feature paralleling I-5. Wetland hydrology is supported by stormwater runoff from I-5 and groundwater. The wetland drains to the south into a culvert within the WSDOT right-of-way, and surface water is piped for approximately 250 feet before daylighting at the northern extent of Wetland WMI-08. Wetland WMI-07 is a palustrine emergent and scrub-shrub wetland dominated by reed canarygrass, common facultative roadside grasses, Himalayan blackberry, and Oregon ash saplings. Hydric soils met the indicators depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by the absence of wetland hydrology.

Wetland WMI-08

Wetland WMI-08 is a slope wetland located within the WSDOT right-of-way west of I-5. Hydrology is supported by groundwater expression and surface water flowing through a culvert draining from Wetland WMI-07. This surface water flows through Wetland WMI-08 and drains into West Fork Hylebos Creek. Wetland WMI-08 is a palustrine emergent and scrub-shrub wetland dominated by reed canarygrass, red-twig dogwood, Himalayan blackberry, red alder, and willow species. Soils within Wetland WMI-08 met the indicators for depleted matrix (F3), loamy gleyed matrix (F2), and depleted below dark surface (A11). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WMI-09a

Wetland WMI-09a is a depressional and riverine wetland associated with West Fork Hylebos Creek, downstream of Wetland WMI-09b, separated by road fill and culverts. Wetland WMI-09a is located immediately west of I-5, and water from the wetland, including the stream, discharges into culverts under I-5. Wetland hydrology is supported by groundwater seeps and overbank flooding from West Fork Hylebos Creek. Wetland WMI-09a is a palustrine forested, scrub-shrub, and emergent wetland dominated by Pacific willow, red alder, black cottonwood, Sitka willow, and reed canarygrass. Soils in Wetland WMI-09a are depleted with redoximorphic features that meet hydric soil indicator for depleted matrix (F3). The wetland boundary was determined by a change in topography, extent of fill, and evidence of frequent inundation.

Wetland WMI-09b

Wetland WMI-09b is a depressional and riverine wetland associated with West Fork Hylebos Creek, located downstream of Wetland WMIFW-01 and separated by Birch Street. It is located east of SR 99, behind commercial development. Wetland WMI-09b receives its primary source of hydrology from a high ground water table and overbank flooding from West Fork Hylebos Creek. Water from the wetland discharges through a culvert under a private access road at the southern boundary of the wetland, flowing into Wetland WMI-09a.

Wetland WMI0-09b is a palustrine emergent and scrub-shrub wetland dominated by Himalayan blackberry, salmonberry, red-twig dogwood, and reed canarygrass. Soils within Wetland WMI-09b are a dark muck and meet hydric soil indicators histosol (A1) and hydrogen sulfide (A4). The wetland boundary was determined by the abrupt change in topography to upland conditions, road fill edge, and lack in hydric soils.

Wetlands WMI-09c and d

Wetland WMI-09c is an emergent and forested riverine wetland associated with West and East Forks of Hylebos Creek, at their confluence. Wetland WMI-09c is located east of I-5. Wetland WMI-09d is an emergent, scrub-shrub and forested riverine wetland and occurs downstream of this confluence and culvert crossing under Porter Way. Its outlet is a culvert under I-5 that connects to WPCMIFI-01. Boundaries of these wetlands were estimated. These wetlands are within shoreline jurisdiction.

Wetland WMI-10

Wetland WMI-10 is a small slope wetland located between 70th Avenue E and SR 99. WMI-10 receives hydrology primarily from groundwater seeps.

Wetland WMI-10 contains a scrub-shrub vegetation community dominated by Douglas spiraea, Himalayan blackberry, and European hawthorn. Soils in the wetland have depleted matrices that meet the requirements of hydric soil indicator depleted matrix (F3). The wetland boundary was determined by the lack of hydrology and change in topography around the wetland edge.

Wetland WMI-11

Wetland WMI-11 is a depressional wetland located west of SR 99, opposite of Birch Street, and south of Daffodil Motel. Wetland WMI-11 receives hydrology primarily from a high water table and hillslope seeps. The wetland’s outlet is a culvert located in its northeast corner.

Wetland WMI-11 contains a forested vegetation community dominated by black cottonwood and Oregon ash. Soils in the wetland have depleted matrices that meet the requirements of hydric soil indicator depleted matrix (F3). The wetland boundary was determined by the shift to a dominance in upland vegetation and lack of sediment deposits and oxidized rhizospheres along living roots.

Wetland WMI-12

Wetland WMI-12 is a depressional wetland located west of SR 99, north of the Glacier West Self Storage. Wetland WMI-12 receives its primary source of hydrology from a high groundwater table and hillslope seeps. Water from the wetland exits the wetland through a culvert under SR 99 and enters a pipe network, then presumably flows to Wetland WMIFW-01, approximately 700 feet south.

Wetland WMI-12 contains a palustrine forested vegetation community with a complex sub-canopy of shrubs and herbaceous vegetation. Dominant vegetation includes black cottonwood and red alder with an understory of Himalayan blackberry, salmonberry, Oregon ash, and giant horsetail. Soils observed within the wetland were observed as a depleted loam with redoximorphic features, which meet hydric soil indicator depleted matrix (F3). The wetland boundary was determined by a shift to upland vegetation and non-hydric soils.

Wetland WMI-13

Wetland WMI-13 is a depressional wetland located west of SR 99, south of the residential community along 5th Street Court NE. Wetland WMI-13 boundaries were remotely estimated using aerial imagery, topography, and observations from the right-of-way. Wetland WMI-13 presumably receives its primary hydrology source from a high groundwater table and hillslope seeps. Water from the wetland likely exits the wetland through a culvert under SR 99 at the northeast corner of the wetland and enters a pipe network, presumably flows to Wetland WMIFW-01, approximately 0.3-mile south. A small stream, SMI-03, flows east along the north boundary of the wetland.

The wetland rating was estimated to provide regulatory buffers. Wetland WMI-13 contains a palustrine forested vegetation community with red alder and willow.

Wetland WMI-14

Wetland WMI-14 is a depressional wetland located west of 70th Avenue E, north of 5th Street E. Wetland WMI-14 boundaries were remotely estimated using aerial imagery, topography, and observations from the right-of-way. Wetland WMI-14 presumably receives its primary hydrology source from a high groundwater table and hillslope seeps. Wetland WMI-14 contains a palustrine forested vegetation community with red alder and willow species.

Wetland WMIFW-01

Wetland WMIFW-01 is a large depressional, riverine, and slope wetland associated with West Fork Hylebos Creek. The wetland is located between SR 99 and I-5 and extends from S 373rd Street to Birch Street, but only a portion of the wetland is within the study area. A portion of this wetland near S 373rd Street is a WSDOT mitigation site. Wetland WMIFW-01 receives its primary source of hydrology from a high groundwater table, from West Fork Hylebos Creek and precipitation. Wetland WMIFW-01 contains palustrine, emergent scrub-shrub and forested vegetation communities. The emergent community is dominated by reed canarygrass. The scrub-shrub wetland consists of salmonberry, osoberry, vine maple, coastal black gooseberry

(*Ribes divaricatum*), red alder, red-twig dogwood and Himalayan blackberry. The forested areas consist mainly of red alder, vine maple and red-twig dogwood. Emergent plants in both communities include lady fern, skunk cabbage, reed canarygrass, and stinging nettle. Soils found throughout Wetland WMIFW-01 met hydric soil indicator hydrogen sulfide (A4), redox dark surface (F6), depleted below dark surface (A11), and depleted matrix (F3). The wetland boundary was determined by a change in topography and evidence of frequent inundation.

Wetland WPCFI-01

Wetland WPCFI-01 is a riverine wetland located west of I-5 and associated with Hylebos Creek and Surprise Lake Creek at their confluence. Wetland WPCFI-01 is downstream of Wetland WPCMIFI-01 and separated by a culvert. It discharges into a culvert under I-5. The palustrine scrub-shrub and emergent vegetation type contains dominant species that are primarily willows, Himalayan blackberry, and reed canarygrass. Soils were not sampled due to lack of access. Hydrology observed from the road right-of-way includes seasonal flooding and soils saturation supported by high water tables. The wetland boundary was estimated by a change in topography and evidence of frequent inundation. The wetland is within shoreline jurisdiction.

Wetland WPCMIFI-01

Wetland WPCMIFI-01 is a riverine and slope wetland located west of I-5 and associated with Hylebos Creek. Wetland WPCMIFI-01 is downstream of Wetland WMI-09d and separated by I-5 and a culvert. The palustrine emergent, scrub-shrub, and forested vegetation type contains dominant species that are primarily black cottonwood, willows, Himalayan blackberry, and reed canarygrass. Soils were not sampled due to lack of access. Hydrology observed from the road right-of-way includes seasonal flooding and soils saturation supported by high water tables. The wetland boundary was estimated by a change in topography and evidence of frequent inundation. The wetland is within shoreline jurisdiction.

Wetland WFI-36

Wetland WFI-36 is a depressional wetland with a palustrine emergent vegetation class. This wetland occurs in the study area, but well outside of the project footprint, and is not expected to be affected by the project. Wetland WFI-36 was mapped based on aerial imagery, contours, and existing wetland mapping.

3.3.3 Fife Segment

The Fife Segment starts at the Fife city limit near Wapato Way E and continues west to the Fife city limit near the Puyallup River. There are three build alternatives in the Fife Segment: Fife Pacific Highway, Fife Median, and Fife I-5. The sections from Wapato Way E to 54th Avenue E, including the preferred Fife Station, and from Port of Tacoma Road to near the Puyallup River are identified as part of the Preferred Alternative. The Fife Station would be an elevated station with a platform located north of 15th Street E. Two design options, 54th Avenue Design Option and the 54th Avenue Span Design Option, could be paired with any of the alternatives and include the following station locations:

- Fife 54th Avenue Station Option would be located on the west side of 54th Avenue E, south of 12th Street E.
- Fife 54th Span Station Option would span 54th Avenue E between 12th Street E and 15th Street E.

Surrounding land uses in the Fife Segment include single-family housing and developed commercial areas. Many of the wetlands in this portion of the study area are associated with the tributaries of Hylebos Creek and Wapato Creek. See Section 3.1.2 for more information about the stream network in this area. The WSDOT SR 167 Completion Project's footprint, which includes both construction and the riparian restoration program, overlaps with the TDLE study area. The wetland areas identified by the SR 167 Completion Project were used to advise wetland assessments within the areas shared by these projects. Within the Fife Segment, vegetated buffers of wetlands are often limited by roads and other impervious surfaces. Most buffers within this segment area degraded due to development, human disturbance, and an abundance of non-native and invasive vegetation.

Wetland WPCFI-02

Wetland WPCFI-02 is a riverine wetland located north of SR 99 and associated with Hylebos Creek. It is within shoreline jurisdiction. The wetland boundary was estimated by a change in topography and extent of frequent inundation. It contains palustrine forested, scrub-shrub, and emergent vegetation types. The dominant species are red alder, willows, Himalayan blackberry, and reed canarygrass. Hydric soils were dark and/or had a depleted matrix in lower layers and met the hydric soil indicators hydrogen sulfide (A4), depleted below dark surface (A11), depleted matrix (F3), and redox dark surface (F6). Hydrology observed includes seasonal flooding and soil saturation supported by high water tables. Wetland hydrology is also supported by overbank flooding from Hylebos Creek.

Wetland WFI-01

Wetland WFI-01 is a slope wetland located in a stormwater ditch with wetland characteristics on the north side of 16th Street E. Wetland WFI-01 is an approximately 10-foot-wide and 700-foot-long linear feature, divided into two subunits (A and B), based on breaks in vegetation, fill and or culverts. Its primary sources of hydrology are high groundwater tables and stormwater from nearby developed areas. It drains into Fife Ditch. See Section 3.1.2 for more details on Fife Ditch.

Wetland WFI-01 is dominated by reed canarygrass. Soils were problematic. However, the presence of primary indicators of wetland hydrology, and the wetland's landscape position that is likely to collect or concentrate water, support the assumption that soils were hydric. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-02

Wetland WFI-02 is a depressional wetland located along the north side of I-5 and east of Wapato Creek. The wetland has an emergent wetland vegetation type. Emergent vegetation is dominated by reed canarygrass, field meadow foxtail (*Alopecurus pratensis*), velvet grass, and creeping buttercup. Soils within the wetland met hydric soil indicators redox dark surface (F6) and depleted matrix (F3). Wetland WFI-02 has a permanently flooded area in its deepest portion. Water exits Wetland WFI-02 through a narrow outlet into Wetland WFI-01. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-03

Wetland WFI-03 is a long and narrow depressional wetland located along at the toe of the I-5 road prism between 20th Street E and Port of Tacoma Road. The western portion of wetland

has a channel that was flooded at time of wetland delineation; the bed of the channel appeared to be vegetated.

The palustrine scrub-shrub and emergent wetland is dominated by Himalayan blackberry and reed canarygrass. Soils within the wetland met hydric soil indicator depleted matrix (F3). The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-04

Wetland WFI-04 is a riverine wetland located on a vegetated bench of Erdahl Ditch Tributary 1, located southeast of the intersection of Pacific Highway E and Port of Tacoma Road. Wetland hydrology is provided by Erdahl Ditch Tributary 1, which originated on site via the discharge of a construction site stream bypass. Water discharged from Wetland WFI-04 exited under Port of Tacoma Road through a culvert. The wetland is palustrine scrub-shrub and emergent, dominated by Himalayan blackberry and reed canarygrass. Hydric soils within Wetland WFI-04 met the redox dark surface (F6) hydric soil indicator. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-05

Wetland WFI-05 is a depressional wetland located between the toe of slope of the I-5 road prism within the WSDOT right-of-way and a fill pad. This area is part of ongoing construction to improve the westbound I-5 off-ramp onto Port of Tacoma Road and has resulted in extensive disturbance to Wetland WFI-05 and its immediate surroundings. Soils were not inspected. Determinations were based on the extent of flooded conditions. The palustrine emergent vegetation community is dominated by Kentucky bluegrass and creeping buttercup. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-06

Wetland WFI-06 is a depressional wetland located along the western edge of a private parcel from Pacific Highway E to the WSDOT right-of-way along I-5. Wetland hydrology is supported by stormwater inputs, a high groundwater table, and precipitation. Continuing south, the wetland narrows along a swale feature, which continues along the length of the parcel where it joins a swale that parallels I-5. it continues south to the WSDOT right-of-way and terminates at a culvert leading under I-5. The portion of wetland within the WSDOT right-of-way extending from the west also drains into this culvert. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-06 contains a palustrine emergent community dominated by reed canarygrass, soft rush, Kentucky bluegrass, and creeping buttercup. Hydric soils met the indicators for depleted matrix (F3), depleted below dark surface (A11), and redox dark surface (F6).

Wetland WFI-07

Wetland WFI-07 is similar to Wetland WFI-06. It is a parallel feature that occurs on the opposite side of the parcel. It is a depressional wetland located along the eastern edge of a private parcel from Pacific Highway E to the WSDOT right-of-way along I-5. Wetland hydrology is supported by stormwater inputs, a high groundwater table, and precipitation, discharging into a culvert leading under I-5. The portion of wetland within the WSDOT right-of-way extending from the east also drains into this culvert. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-07 contains a palustrine emergent community that is dominated by reed canarygrass, Kentucky bluegrass, and creeping buttercup. Hydric soils met the indicators for redox dark surface (F6).

Wetland WFI-08a through d

Wetland WFI-08 is a series of riverine wetlands along the right and left banks of Wapato Creek as it flows south to north through the study area. WFI-08 is divided into four separate wetland units — a, b, c, and d — due to breakages in vegetation cover resulting from road crossings. Each of the Wetland WFI-08 units was observed from off site and its wetland boundary approximated. The wetland boundary was estimated by the extent of fill material and evidence of frequent inundation.

Wetland WFI-08a is the least confined wetland unit. It begins as a relatively narrow riparian fringe wetland along both banks of Wapato Creek near its I-5 crossing. As Wapato Creek flows downstream to the north, the riparian fringe scrub-shrub wetland becomes a broader flood bench, with patches of forested vegetation before Wapato Creek travels through a box culvert under the Alexander Avenue E and Pacific Highway E intersection.

Wetland WFI-08b is the northernmost unit within the study area. This wetland unit is a riverine system along both banks of the confined Wapato Creek channel as it emerges from the box culvert under Pacific Highway E. Wetland WFI-08b has both scrub-shrub and forest vegetation classes, and wetland hydrology appears to be driven by Wapato Creek and overland flow.

Wetland WFI-08c is the southernmost unit within the study area, located along Wapato Creek south of I-5. It is a riverine wetland dominated by an emergent vegetative community that abuts a narrow upland riparian corridor. Wetland hydrology is driven by flooding from Wapato Creek and overland flow.

Wetland WFI-08d is a riverine wetland located along a short reach of daylighted Wapato Creek between the box culverts under Alexander Avenue E and Pacific Highway E between Wetland WFI-08a and Wetland WFI-08b. Vegetation within Wetland WFI-08d is dominated by mowed grasses, which appear to be dominated by reed canarygrass, bentgrass, and red fescue (*Festuca rubra*). Wetland hydrology is driven by flooding from Wapato Creek and overland flow.

Wetland WFI-09

Wetland WFI-09 is a riverine fringe wetland located upon a vegetated flood bench along the right (east) bank of the Puyallup River, south of the I-5 bridge crossing at River Mile 2.3, within shoreline jurisdiction. The wetland is dominated by a scrub-shrub vegetation stratum composed of Himalayan blackberry, which extends beyond the wetland along the upland areas of the river's levee, with patches of Douglas' spiraea present as well. Soils within the wetland met the hydric indicator depleted matrix (F3). As the wetland occurs on a lower flood bench along the lower Puyallup River, which is tidally influenced, the wetland is assumed to satisfy the requirements for wetland hydrology daily, reinforced by other primary indicators of wetland hydrology, including recent water marks, sediment deposits, and drift deposits. The wetland boundary was determined by the extent of fill material (toe of levee) and evidence of frequent inundation.

Wetland WFI-10

Wetland WFI-10 is a depressional wetland located east of the Puyallup River levee, within shoreline jurisdiction. It occurs north and west of the BNSF railroad embankment and south of a

temporary fill pad associated with the new I-5 bridge crossing. The wetland is dominated by a mature palustrine forested community with a canopy of black cottonwood and both scrub-shrub and herbaceous strata present below. Seasonal ponding was observed throughout the wetland, and hydric soils were assumed present as a result. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Important habitat features present both within and adjacent to the wetland, including the presence of a mature forest (which meets WDFW's criteria for the Mature Forest priority habitat type), result in Wetland WFI-10 rating as a Category I wetland for special characteristics.

Wetland WFI-11

Wetland WFI-11 is a highly confined depressional and riverine wetland near 54th Avenue E. The wetland is fenced off on three sides and surrounded by asphalt impervious surfaces. A culvert in the south end of the wetland provides surface water flow into Wetland WFI-11. Water was ponded to approximately 2 feet during the February 2020 field visit. The northern outlet culvert is likely blocked up with fine sediments and woody debris. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Wetland WFI-11 contains palustrine emergent and palustrine scrub-shrub vegetation communities. The emergent vegetation community is dominated by reed canarygrass and cattail. The scrub-shrub community is dominated by willows and red-twig dogwood. Soils were not sampled within the wetland due to unsafe conditions accessing the site.

Wetland WFI-12

Wetland WFI-12 is a depressional wetland located in a ditch that runs along the western boundary of vacant land on 59th Avenue Court E. Wetland hydrology for the wetland is supported by a high groundwater table, precipitation, and stormwater. Soils met the hydric soil indicators depleted matrix (F3) and depleted below dark surface (A11). The wetland boundary was determined by a change in topography and evidence of frequent inundation. Wetland WFI-12 contains a palustrine emergent community that is dominated by facultative grasses, including tall fescue (*Schedonorus arundinaceus*), Kentucky bluegrass, and velvetgrass.

Wetland WFI-13

Wetland WFI-13 is a depressional wetland located behind the Fife Municipal Court on Pacific Highway E. This wetland was observed from off site, and its limits were approximated based on breaks in vegetation determined by aerial photographs and site contours. The wetland appeared to include areas of seasonal ponding within scrub-shrub and forested wetland communities.

Wetland WFI-14a and b

Wetland WFI-14a and WFI-14b are long and narrow depressional wetlands located along Fife Ditch. The wetlands were flooded during observations from the right-of-way. Mapping is based on aerial photo assessments. The palustrine emergent and scrub-shrub wetlands are dominated by reed canarygrass, knotweed, and Himalayan blackberry. The wetland boundaries were determined by the extent of fill material and aerial photo features.

Wetlands WFI-16 and WFI-17

Wetlands WFI-16 and WFI-17 are long and narrow depressional wetlands located along Fife Ditch Tributary 1. The wetland was flooded during observations from the right-of-way. Mapping

is based on aerial photo assessments. The palustrine emergent wetland is dominated by reed canarygrass. The wetland boundary was determined by the extent of fill material and aerial photo features.

Wetland WFI-18Wetland WFI-18 is a depressional wetland located north of 12th Street E. Fife Ditch Tributary 1 bisects the wetland. The wetland appeared to include saturated soils and seasonal and permanent ponding within scrub-shrub and emergent wetland communities. Its boundaries were approximated based on topography and aerial photo assessments.

Wetland WFI-23

Wetland WFI-23 is a depressional wetland located east of the Puyallup River levee, south of the I-5 bridge crossing. The wetland is dominated by a mature forest canopy of black cottonwood, with both scrub-shrub and herbaceous strata present below. Seasonal ponding was observed throughout the wetland, and hydric soils were assumed present as a result. The wetland boundary was determined by the extent of fill material and evidence of frequent inundation.

Important habitat features present both within and adjacent to the wetland, including the presence of a mature forest (which meets WDFW's criteria for the Mature Forest priority habitat type), result in Wetland WFI-23 rating as a Category I wetland for special characteristics. The wetland occurs within the shoreline and is associated with the Puyallup River.

Wetland WFI-25

Wetland WFI-25 is a depressional wetland north of Pacific Highway E. This wetland was mapped using on-site observations and aerial photos, and its limits were approximated based on site contours. The wetland appeared to include some areas of seasonal ponding within scrub-shrub and emergent wetland communities. Soils were not sampled. The wetland is within the shoreline jurisdiction associated with Hylebos Creek.

Wetland WFI-28

Wetland WFI-28 is a depressional wetland north of Pacific Highway E. This wetland was mapped using aerial photos, and its limits were approximated based on breaks in vegetation determined by aerial photographs and site contours. The wetland appeared to include areas of seasonal ponding within emergent wetland communities.

Wetlands WFI-19, WFI-20, WFI-21 WFI-22, WFI-30

These wetlands are depressional wetlands occurring within roadside ditches near I-5, the Union Pacific Railway, and the Puyallup River. Wetlands WFI-19 and WFI-20 occur within the study area but do not occur within the footprint, while Wetlands WFI-21, WFI-22 and WFI-31 partially or fully fall within the footprint. Mapping and wetland ratings are based on aerial photo assessments. The palustrine emergent and scrub-shrub wetlands appear to be dominated by reed canarygrass, cattail, *Douglas spiraea* and Himalayan blackberry. The wetland boundaries were approximated based on breaks in vegetation determined by aerial photographs and site contours.

Wetland WFI-24

Wetland WFI-24 is a depressional wetland located adjacent to the Union Pacific Railway tracks. This wetland was mapped using aerial photos and observations from the road right-of-way, and

its limits were approximated based on breaks in vegetation determined by aerial photography. The wetland has palustrine emergent scrub-shrub wetland communities.

Wetland WFI-26

Wetland WFI-26 is a long and narrow depressional wetland located between I-5 and the development to the south. This wetland was mapped using aerial photos, and its limits were approximated based on breaks in vegetation determined by aerial photography and lidar topography. The wetland has a palustrine emergent wetland community.

Wetland WFI-33

Wetland WFI-33 is a depressional wetland located north of 15th Street E. This wetland was mapped using aerial photos and observations from the right-of-way. Its boundaries were approximated based on aerial photography and lidar topography. The wetland appears to have occasional ponding and saturated soil conditions within palustrine emergent, scrub-shrub, and forested wetland communities.

Wetlands WFI-15, WFI-23, WFI-27, WFI-32, WFI-34, WFI-35 (a–e), WFI-36

These wetlands occur in the study area, but well outside of the project footprint, and are not expected to be affected by the project. These wetlands are mapped based on aerial imagery, contours, and existing wetland mapping. Wetland ratings were estimated to provide regulatory buffers. In actuality, these wetlands are nearly completely surrounded by development and lack functional buffers. They are included in the project mapping to show context and overall wetland coverage in the study area. They are not described individually. Information regarding these wetlands can be found in Table J4.3-13.

3.3.4 Tacoma Segment

The Tacoma Segment begins at the north bank of the Puyallup River and ends at the Tacoma Dome. Affected areas consist of developed industrial commercial areas. The proposed project would cross the Puyallup River adjacent to I-5 and then continue west adjacent to existing railroad tracks into downtown Tacoma. This segment also includes two bridge options, a long-span bridge or a pier-supported bridge, as well as a pedestrian bridge that cross the river.

Due to substantial historical industrial development, few wetlands are within the Tacoma Segment and most identified are association with the Puyallup River. Buffers are degraded due to development, human disturbance, and an abundance of non-native and invasive vegetation.

Wetland WTA-01

Wetland WTA-01 is a riverine fringe wetland located on a vegetated stream bench along the right (east) bank of the Puyallup River, north of the I-5 bridge crossing at River Mile 2.3 and within shoreline jurisdiction. The wetland is a scrub-shrub vegetation community, dominated by Himalayan blackberry willow, and Douglas' spiraea. Observed soils within the wetland met the depleted matrix (F3) hydric soil indicator. As the wetland occurs on a lower flood bench along the lower Puyallup River, which is tidally influenced, the wetland is assumed to satisfy the requirements for wetland hydrology daily, reinforced by observation of water marks and oxidized rhizospheres. The wetland boundary was determined by the extent of fill material (toe of levee) and evidence of frequent inundation.

Wetland WTA-02

Wetland WTA-02 is a depressional wetland located between the toe of a slope and a vegetated berm northwest of the intersection of E 26th Street and East K Street. Its boundary was estimated using breaks in vegetation communities present on aerial photographs as well as topographic contours.

Wetland WTA-02 has a forested vegetation community dominated by red alder above an understory of reed canarygrass and Himalayan blackberry. Seasonal ponding also appears present, and no outlet could be observed. Given the extent of ponding within the wetland, it was assumed that hydric soils would also be present.

Wetland WTA-03

Wetland WTA-03 is a riverine fringe wetland with a palustrine scrub-shrub vegetation community located upon a vegetated flood bench along the left (west) bank of the Puyallup River, north of the I-5 bridge crossing at River Mile 2.3, within shoreline jurisdiction. This wetland was apparent from across the river, and its boundary was estimated using breaks in vegetation communities present on aerial photographs.

Wetland WTA-04

Wetland WTA-04 is a riverine fringe wetland with a palustrine scrub-shrub vegetation community located upon a vegetated flood bench along the left (west) bank of the Puyallup River, south of the I-5 bridge crossing at River Mile 2.3, within shoreline jurisdiction. This wetland was apparent from across the river and its boundary was estimated using breaks in vegetation communities present on aerial photographs.

3.4 Special-Status Species and Habitats

Discussions in this subsection address species and habitats that have special status under statutes, regulations, plans, and policies that have been established to protect ecosystem resources. These include species listed or proposed for listing under the ESA, as well as critical habitat that has been designated or proposed for designation for ESA-listed species; marine mammals that are protected under the MMPA; and natural resource areas protected under local critical areas ordinances, shoreline master programs, and/or Tribal resource regulations. Many of these regulations require approval procedures, such as the issuance of environmental permits before project implementation; others require agency consultation.

3.4.1 Threatened and Endangered Species

Three ESA-listed fish species — Puget Sound Chinook salmon, Puget Sound steelhead, and bull trout, all of which are listed as Threatened — may be present in streams in the study area. The discussions in Section 3.1 describe the accessibility, habitat quality, and expected use of streams in the study area by each of these species. Table J4.3-14 (ESA-Listed Fish Species and Critical Habitat in the TDLE study area) summarizes the known or expected presence of these species and specifies whether critical habitat has been designated in each stream.

Table J4.3-14 ESA-Listed Fish Species and Critical Habitat in the TDLE Study Area

Stream	Known or Expected Presence in Study Area			Critical Habitat in Study Area
	Puget Sound Chinook Salmon	Puget Sound Steelhead	Bull Trout	
East Fork Hylebos Creek Tributary 0016A	No	No	No	None
West Fork Hylebos Creek Tributary 0014C	No	No	No	None
West Fork Hylebos Creek	Yes	Yes	Yes	Chinook and steelhead only
North Fork Hylebos Creek	No	Yes	Yes	Steelhead only
Federal Way Stream 1 (SFW-01)	No	No	No	None
Federal Way Stream 2 (SFW-02)	No	No	No	None
Federal Way Stream 3 (SFW-03)[1]	No	Yes	Yes	None
Federal Way Stream 4 (SFW-04)[1]	No	Yes	Yes	None
Milton Stream 1 (SMI-01)[1]	Yes	Yes	Yes	None
Milton Stream 2 (SMI-02)[1]	Yes	Yes	Yes	None
Milton Stream 3 (SMI-03)	TBD[2]	TBD[2]	TBD[2]	None
Hylebos Creek	Yes	Yes	Yes	Chinook and steelhead only
Surprise Lake Creek	No	No	No	None
Fife Ditch Tributary 1	No	No	No	None
Fife Ditch	No	No	No	Steelhead only[4]
Wapato Creek	No	Yes	No	Steelhead only
Erdahl Ditch Tributary 1	No	No	No	None
Erdahl Ditch Tributary 2	No	No	No	None
Puyallup River	Yes	Yes	Yes	None[3]
First Creek	No	No	No	None

Sources: WDFW 2023a, NWIFC 2023, NOAA 2023b

Notes:

(1) There is no documented fish use of these streams, but no physical barriers preclude access from fish-bearing streams downstream. See text for details.

(2) As of November 2023, access restrictions have prevented a field review and evaluation of this stream.

(3) The Puyallup Tribe of Indians has jurisdiction of the bed and banks of the Puyallup River; therefore, no critical habitat has been designated within that portion of the river within the jurisdictional boundaries of the Puyallup Tribe.

(4) Based on a probable mapping error

In addition, Southern Resident killer whales (listed as Endangered) are documented to use habitats in Puget Sound, including Commencement Bay. Although the study area for aquatic species and habitat does not extend into Puget Sound, analyses in this report address the potential for Southern Resident killer whales to be indirectly affected by project-related impacts on their prey species.

The USFWS Information, Planning, and Conservation planning tool identified four ESA-listed wildlife species, and one species proposed for listing, as potentially occurring in areas that might be affected by the project. None of these species is expected to occur in the study area, however, for the following reasons:

- Marbled murrelets (*Brachyramphus marmoratus),* listed as threatened, require old growth forest for nesting and marine habitat for foraging. No breeding or foraging habitat is present in the study area and no observations have been documented within 10 miles (WDFW 2023a). The nearest location where critical habitat has been designated for the marbled murrelet is more than 25 miles from the study area.
- Yellow-billed cuckoos (*Coccyzus americanus*), listed as threatened, require large blocks of riparian forest habitat for breeding and foraging. Yellow-billed cuckoos nest almost exclusively in low- to mid-elevation riparian woodlands that cover 50 acres or more within arid to semiarid landscapes (Hughes 1999). No such habitat is present in or near the study area. Currently, the species no longer breeds in western Canada and the northwestern continental United States (Washington, Oregon, and Montana) (79 FR 59992, October 3, 2014). No observations of this species have been documented within 10 miles of the study area (WDFW 2023a). No critical habitat for the yellow-billed cuckoo has been proposed in Washington.
- Streaked horned larks (*Eremophila alpestris strigata*), listed as threatened, are known to occur in Washington only in portions of southern Puget Sound, along the Washington coast, and at lower Columbia River islands (78 FR 61452, October 3, 2013). Breeding habitat for streaked horned larks in Washington consists of grasslands and sparsely vegetated areas at airports, sandy islands, and coastal spits. The subspecies is largely absent from the Puget Trough during the nonbreeding season; individuals observed in this area outside of the breeding season have been seen using habitats similar to those used for breeding. The nearest known population is more than 20 miles from the project area (WDFW 2023a). The nearest location where critical habitat has been designated for the streaked horned lark is more than 80 miles from the project area.
- North American wolverines (*Gulo gulo*), listed as threatened, avoid people and developed areas and prefer cold and remote mountainous areas with persistent spring snow cover. No such habitat is present in the lowland, urban setting of the study area.
- Northwestern pond turtles (*Actinemys marmorata*), proposed for listing as threatened, were essentially extirpated from the Puget Sound region during the 20th century (WDFW 2024). Through a captive-breeding program in the early 2000s, a population was reestablished in Pierce County, approximately 7 miles from the study area. Northwestern pond turtles in this region are associated with open upland habitats that receive extensive sun exposure, such as prairies and pasturelands (Hallock et al. 2017). No such habitat is present in the study area. In addition, given the numerous dispersal barriers (e.g., distance, freeways, railways, urbanized areas) between the study area and the nearest extant population, there is no potential for northwestern pond turtles to move into the study area.

In addition, the USFWS Information, Planning, and Conservation planning tool identified one ESA-listed plant species (marsh sandwort [*Arenaria paludicola*]) as potentially occurring in areas that might be affected by the project. Marsh sandwort, listed as endangered, has been extirpated from Washington (USFWS 2008). The closest known occurrence is near Tacoma; marsh sandwort has not been observed at that site in more than 100 years (WDNR 2023b). Suitable habitat (coastal freshwater marshes, wetlands with organic bog soils, and sandy substrates with high organic content) is not found in the study area. For these reasons, marsh sandwort is not expected to occur in the study area.

3.4.2 Marine Mammals

Harbor seals, California sea lions, and Steller sea lions often congregate in Commencement Bay. Seals and sea lions have been observed foraging on fish in the Puyallup River in the study area at all times of year. These species were observed in the Puyallup River during WSDOT's construction of the southbound HOV lanes for I-5 (pers. comm., Dave Molenaar, WSDOT, May 2020). Marine mammals are not expected to be present in any other portions of the study area. Seals and sea lions are protected from harassment and harm under the MMPA. Compliance with the MMPA for in-water work may require coordination with and possibly the issuance of an incidental take permit or incidental harassment authorization by NMFS.

3.4.3 Areas Protected Under Local Critical Areas Ordinances

As discussed in Section 2.4.2, wetlands and FWHCAs are the two ecosystem components that receive protection under local critical areas ordinances. The existing condition of wetlands in the study area is described in Section 3.3. Discussions in this section focus on species and habitats for which FWHCAs are established in one or more of the jurisdictions that encompass the study area.

3.4.3.1 Special-Status Species

FWHCAs in Federal Way, Milton, Fife, Tacoma, and Pierce County all include areas where federally listed endangered or threatened species have a primary association. The potential use of habitats in the study area by ESA-listed species is discussed in Section 3.4.

As explained in Section 2.4.2, the other designations that confer status to certain species under local critical areas ordinances are:

- Designation as a candidate for listing under the Endangered Species Act (Fife and Pierce County only).
- State listing as endangered, threatened, or sensitive species (all jurisdictions).
- State listing as candidate or monitor species (Fife and Pierce County only).
- Classification as priority species by WDFW (all jurisdictions except Milton and Pierce County).
- Identification as species of local importance (specified in Pierce County only).

All salmonids (Chinook salmon, chum salmon, coho salmon, cutthroat trout, pink salmon, sockeye salmon, steelhead, and bull trout) described Section 3.1 are WDFW priority species, and bull trout are also candidates for state listing. In addition, Pierce County classifies salmonids as species of local importance. See Section 3.1 for discussions of these species' presence and habitat use in the study area. WDFW also identifies seals and sea lions as priority species but considers them a management priority only at haul-outs (WDFW 2008). WDFW (2023a) does not identify any seal or sea lion haul-outs in the study area. No other aquatic species for which FWHCAs may be established are known or expected to be present in the study area.

The remainder of this subsection addresses terrestrial wildlife species for which FWHCAs are established. For this discussion, such species are called special-status species.

Based on field observations, literature review, and sightings databases (e.g., eBird 2023; Opperman et al. 2006; Seattle Audubon Society 2023; WDFW 2023a), biologists identified special-status species that may use habitats in the study area (i.e., non-marine habitats in lowland residential, commercial, and light industrial settings, excluding unique habitats that are not found in the study area, such as old-growth forest or sphagnum bogs). Table J4.3-15 (Special-status Wildlife Species in the Study Area) lists these species and summarizes each species' known or expected use of habitats in the study area. Table J4.3-15 also identifies the priority areas that have been identified by WDFW for each of these species. In many cases, WDFW considers species to be a priority only within known limiting habitats (e.g., breeding areas) or within areas that support a relatively high number of individuals (e.g., regular concentrations). For example, great blue herons (*Ardea herodias*) are often seen feeding along shorelines, but they are considered a management priority only in areas used for breeding (WDFW 2008).

Table J4.3-15 Special-status Wildlife Species in the Study Area

Species	Status[1]	Priority area(s)	Known or Expected Habitat Use in the Study Area
Invertebrates			
Monarch butterfly	FC	Breeding areas	Monarch butterflies (*Danaus plexippus*) require milkweed (*Asclepias* spp., the sole food source for larvae) for reproduction. No milkweed species are native to western Washington, and no milkweed populations have been identified in the study area.
Amphibians			
Western toad	SC, PS	Any occurrence	No recent records of western toads (*Anaxyrus boreas*) near the study area. May breed in permanent wetlands, ponds, lakes, and off-channel habitats or rivers; adults may move through uplands for several miles.
Birds			
Band-tailed pigeon	PS	Regular concentrations, occupied mineral sites	Band-tailed pigeons (*Patagioenas fasciata*) have been observed in suitable habitat near the study area year-round, but no regular concentrations or mineral springs have been recorded. May nest in trees, commonly in tall conifers near open sites.
Barrow's goldeneye	PS	Breeding areas	No known observations in the study area. Barrow's goldeneyes (*Bucephala islandica*) are occasionally seen on larger waterbodies nearby (e.g., Lake Killarney), primarily during winter. Not expected to breed in or near the study area.
Brant	PS	Regular concentrations in foraging and resting areas, migratory stopovers	No known observations of brants (*Branta bernicla*) in the study area. The study area is not expected to provide migratory stopover sites or foraging or resting areas.
Common goldeneye	PS	Breeding areas	Common goldeneyes (*Bucephala clangula*) are occasionally seen on waterbodies in and near the study area, primarily during winter. Not expected to breed in or near the study area.
Common loon	SS, PS	Breeding sites, migratory stopovers, regular concentrations	No known observations of common loons (*Gavia immer*) in the study area. No suitable breeding sites (large lakes with low disturbance levels) in or near the study area. The study area is not expected to provide migratory stopover sites.
Great blue heron	PS	Breeding areas	Observed in suitable habitats near the study area year-round. Nests in mature forests, forages in shallow, slow-moving, or still water. No known breeding sites within 1 mile of any site alternatives.
Hooded merganser	PS, SLI	Breeding areas	Hooded mergansers (*Lophodytes cucullatus*) have been observed in suitable habitats near the study area year-round. May nest in tree cavities near small, forested, freshwater wetlands with emergent vegetation.

Table J4.3-15 Special-status Wildlife Species in the Study Area (continued)

Species	Status[1]	Priority area(s)	Known or Expected Habitat Use in the Study Area
Oregon vesper sparrow	SC, PS	Any occurrence	Oregon vesper sparrows (*Pooecetes gramineus affinis*) are associated with open habitats. Breeding population in Washington are largely limited to remnant prairies and grasslands in Pierce, Thurston, and Skagit counties. Rarely observed in study area vicinity during migration periods.
Osprey	SLI	Breeding areas	May nest in prominent trees or other structures near large fish-bearing waterbodies. No observations of nests have been reported in the study area.
Pileated woodpecker	SC, PS	Breeding areas	Pileated woodpeckers (*Dryocopus pileatus*) are occasionally seen, year-round; breeding possible. Requires forested habitats with large trees and snags. No evidence of nesting in study area.
Trumpeter swan	PS	Regular concentrations	No known observations in the study area. Trumpeter swans (*Cygnus buccinator*) are occasionally seen on larger waterbodies nearby, primarily during winter. The study area is not expected to support concentrations.
Tundra swan	PS	Regular concentrations	No known observations in the study area. Tundra swans (*Cygnus columbianus*) are occasionally seen on larger waterbodies nearby, primarily during winter. The study area is not expected to support concentrations.
Vaux's swift	SC, PS	Breeding areas, communal roosts	Observed in suitable habitat near the study area, primarily during the breeding season. Vaux's swifts (*Chaetura vauxi*) nest and roost in natural cavities with vertical entranceways, such as hollow trees and snags, in areas of coniferous or mixed forest.
Western grebe	SC, PS	Breeding areas, regular concentrations, migratory stopovers, regular occurrences in winter	Western grebes (*Aechmophorus occidentalis*) are occasionally seen near open water, generally outside of the breeding season. Not expected to breed in or near the study area. The study area is not expected to provide migratory stopover sites or support concentrations.
Wood duck	PS, SLI	Breeding areas	Wood ducks (*Aix sponsa*) have been observed in suitable habitats near the study area year-round. May nest in tree cavities near wooded wetlands.
Mammals			
Big brown bat, *Myotis* bats	PS	Regular concentrations in naturally occurring breeding areas and other communal roosts	No known maternity or hibernation colonies or other concentrations in the study area. In 2001, a maternity colony of big brown bats (*Eptesicus fuscus*) was found under a bridge approximately 0.3 mile from the proposed alignment (WDFW 2023a). Summer roosts generally are in buildings, bridges, hollow trees, spaces behind exfoliating bark, rock crevices, or tunnels. Caves, mines, and buildings are used for hibernation.
Keen's myotis	SC, PS	Any occurrence	No known maternity or hibernation colonies or other concentrations of Keen's myotis (*Myotis keenii)* in or near the study area. Summer roosts generally are in buildings, bridges, hollow trees, spaces behind exfoliating bark, rock crevices, or tunnels. Maternity colonies may form in attics, barns, rock crevices, or tree cavities. Caves, mines, and buildings are used for hibernation.
Townsend's big-eared bat	SC, PS	Any occurrence	No known maternity or hibernation colonies or other concentrations of Townsend's big-eared bats (*Corynorhinus townsendii*) in or near the study area. Maternity and hibernation colonies typically are in caves, mine tunnels, and old buildings. Caves, tunnels, buildings, and tree cavities are used as night roosts.

Sources: eBird 2023; Opperman et al. 2006; Seattle Audubon Society 2023; WDFW 2008, 2023a, 2023b.

Notes:

(1) FC = Candidate for federal listing; PS = WDFW priority species; SC = State candidate; SS = State sensitive; SLI = Species of local importance (Pierce County). No wildlife species that are listed or proposed for listing under the ESA are known or expected to use habitats in the study area.

None of the special-status species in Table J4.3-15 were observed in the study area during field surveys conducted for this project. WDFW (2023a) does not identify any occurrences of priority wildlife species within 0.25 mile of any of the project alternatives. Priority species may nevertheless use habitats in the study area. Forested areas in the study area could provide suitable habitat for the following priority species: band-tailed pigeon, pileated woodpecker, Vaux's swift, big brown bat, Myotis bats (*Myotis spp.*), and Townsend's big-eared bat. Hooded mergansers and wood ducks may nest in forested wetlands. Big brown bats may use bridge structures as roosts or maternity colonies.

The Migratory Bird Treaty Act of 1918, administered by USFWS, makes it unlawful to take any migratory bird, or the parts, nests, or eggs of any such bird, except under the terms of a valid permit. In the context of this Act, 'take' is defined as, "pursue, hunt, shoot, capture, collect, kill, or attempt to pursue, hunt, shoot, capture, collect, or kill" (16 U.S. Code § 715n). Nearly all bird species that may occur in the study area are protected under the Migratory Bird Treaty Act. Birds or bird nests protected under the Act may be present in any of the cover types described in Section 3.2.1.

3.4.3.2 Protected Habitats

In addition to areas associated with the species identified above, FWHCAs include specific habitat types and areas. All five jurisdictions identify streams, lakes, and other waters of the state as FWHCAs; these aquatic resources are described in Section 3.1. Other habitat types and areas identified as FWHCAs under local critical areas ordinances are:

- Priority habitats, as classified by WDFW (Fife and Tacoma).
- State natural area preserves and natural resource conservation areas (Tacoma).
- Areas critical for habitat connectivity, including Open Space Corridors designated in the City's comprehensive plan (Tacoma).
- Areas designated as biodiversity areas and corridors (Tacoma).
- Areas established by the Puyallup Tribe of Indians Tribal government as habitat areas of Tribal importance for economic, social, cultural, and ceremonial reasons (Fife).
- Special habitat areas, including oak woodlands, prairies, aspen stands, and meadows (Fife).
- Old growth/mature forests and areas with abundant and well-distributed snags and logs (Pierce County).

The only mapped priority habitats in the study area are wetland areas (WDFW 2023a). Wetlands are discussed in Section 3.3. Riparian areas, another WDFW priority habitat type, are present along surface-flowing streams in the study area but are not mapped by WDFW. The condition of riparian habitats in the study area is described in Section 3.1. Some of the forested areas in the study area meet WDFW's criteria for the Mature Forest priority habitat type[5] and are shown in Figures J4.3-13 through J4.3-26.

The Pierce County PublicGIS mapping tool identifies the area of unincorporated Pierce County in the Fife Segment as a potential FWHCA, based on its proximity to Hylebos Creek.

[5] Stands, generally between 80 and 200 years old, with average diameters exceeding 21 inches at breast height (WDFW 2008).

There are no state-designated natural area preserves or natural resource conservation areas in the study area. A small portion of an Open Space Corridor designated in the City of Tacoma's comprehensive plan falls within the study area, but it is not crossed by any of the alternatives. No oak woodlands, prairies, aspen stands, meadows, or designated biodiversity areas or corridors have been identified in the study area.

3.4.4 Areas Within the Shoreline Jurisdiction

Two streams in the ecosystems study area fall under the jurisdiction of the Shoreline Management Act. These are Hylebos Creek and the Puyallup River. Portions of the study area near Hylebos Creek fall within the shoreline jurisdictions of Milton, Fife, and Pierce County. Portions of the study area near the Puyallup River fall within the shoreline jurisdictions of Fife and Tacoma. The shoreline master programs of all these governments include provisions to ensure no net loss of ecological function in shoreline areas. These shoreline master programs also include provisions for the protection of critical areas, including wetlands. In Fife and Tacoma, the standard buffer widths for wetlands in the shoreline jurisdiction are the same as those established in those cities' critical areas regulations; the same is true for Pierce County. The City of Milton approved use of the final draft of the city's shoreline master program, dated September 21, 2020, which includes updated buffer widths for wetlands. Milton's critical areas ordinance was approved in 2006. As a result, wetland buffer widths in Milton's shoreline master program differ from those in the critical areas regulations.

3.4.5 Areas Protected by Tribal Regulations

The Puyallup Tribal Code (Section 15.12 et seq.) establishes district classifications, in substantial compliance with the Puyallup Tribe of Indians Comprehensive Land Use Plan, for all lands within the boundaries of the Puyallup Reservation. The locations and boundaries of the zoning districts are shown on the Tribe's official zoning map, which is kept on file in the Tribe's Land Use Office and is available for inspection by Tribal members.

Certain activities on Tribal trust lands may be undertaken only after development permits and construction permits have been issued by the Tribe. These activities include the construction of buildings or structures within 200 feet of shorelines or wetlands and dredging or filling of watercourses or wetlands (including pile driving). The Puyallup Tribe of Indians has authority over any work proposed within the OHWM of the Puyallup River. Project work proposed in waters with Tribal jurisdiction may fall within the Puyallup Tribe of Indians' authority under the Section 401 Water Quality Certification provisions of the CWA, or it may be authorized directly by the U.S. Environmental Protection Agency (EPA).

In addition, judicial decisions have affirmed that federally recognized Tribes have treaty rights, including the rights to harvest fish free of state interference (subject to conservation principles) and to co-manage the fishery resource. The Puyallup River, Hylebos Creek, and other fish-bearing streams in the study area are within the treaty-protected Usual and Accustomed fishing areas of the Puyallup Tribe of Indians. Project-related impacts on these streams could affect the productivity of Tribal fisheries, thereby harming Tribal treaty rights. Sound Transit is therefore addressing potential effects on fish and fish habitat in this report and is coordinating with affected Tribes regarding these potential effects.

4 ENVIRONMENTAL IMPACTS

This section describes the potential impacts of the TDLE alternatives on wetlands, aquatic resources, and terrestrial resources, including threatened and endangered species and areas protected under local critical areas ordinances.

The permanent and construction footprints developed for this analysis represent Sound Transit's best estimates of the areas that may be affected by the TDLE alternatives. These estimates are conservative. For example, clearing of all areas within the construction footprint may not be necessary. In addition, the permanent impact footprint may include some areas where project components could be scaled down or eliminated as the project design progresses from its current, preliminary status. Moreover, not all areas within the project footprint would be converted to structures or hard surfaces. Some vegetated areas, for example, would be converted to other land cover types, such as landscaping or stormwater facilities; in other areas, existing hard surfaces may be converted to vegetation. By applying a consistent set of assumptions for all the alternatives, these footprints allow analysts to evaluate the relative degree of the potential impacts of the alternatives on ecosystem resources. Actual anticipated impacts would be determined when a preferred alternative has been selected and the project design is sufficiently advanced to undergo permitting review.

Analyses of impacts assume that appropriate measures would be implemented and would perform as expected to avoid and minimize project-related impacts (see Section 5.1). For each resource area, analyses of direct impacts are divided between long-term (operational) impacts and short-term (construction-related) impacts. The impacts of the alternatives within each segment are evaluated and compared. In all segments, the station design options would have no appreciable differences in their impacts on ecosystem resources; therefore, the analyses of the impacts of the alternatives incorporate all station design options equally. Indirect effects are evaluated in Section 4.6, and cumulative impacts are evaluated in Section 4.7.

4.1 Aquatic Species and Habitat

Analyses in this subsection address the potential long-term and construction-related impacts of each alternative on aquatic species and habitat. Actual impacts would depend on the location and design of the final alternative, the construction footprint and methods, the BMPs implemented during construction (see Section 4.8), and the performance of post-construction restoration.

Sound Transit considered the following potential impacts on aquatic resources:

- Permanent loss or modification of physical aquatic habitat (e.g., fill in wetlands, constructed features in streams or the Puyallup River).
- Permanent degradation of instream physical habitat, such as shading, chronic sedimentation, removal of boulders or LWD from the channel, and loss of riparian vegetation function (loss of nutrient inputs, LWD recruitment, and shade).
- Impacts on fish passage.
- Altered hydrology (higher peak flows result in increased scour/deposition downstream; decreased percolation from impervious surfaces result in lower base flows). Streams in urban areas with lots of impervious surface often exhibit flashiness as a result of stormwater runoff being delivered to the stream much faster than would occur in an undeveloped/natural

condition, where stormwater runoff delivery to streams would occur at slower rate due to roughened surface of overland flow, infiltration into groundwater, and hyporheic exchange.

- Temporary or permanent degradation of water quality (increased temperature, increased turbidity, increased loading of heavy metals and hydrocarbons).
- Temporary loss of physical habitat (dewatering).
- Temporary degradation of habitat (sedimentation, removal of riparian vegetation, disturbance to stream banks).
- Temporary increase in underwater noise caused by in-water pile driving.

To the extent that impacts cannot be avoided or minimized through project design development or use of BMPs, Sound Transit would implement additional measures to reduce adverse effects and provide compensatory mitigation measures where adverse effects are unavoidable. Sound Transit has committed to achieving no net loss of ecosystem function on a project-wide basis (Sound Transit 2007). As discussed in Section 5, compensatory mitigation would be implemented in accordance with applicable Tribal, federal, state, and local requirements and guidelines.

4.1.1 Long-Term Impacts

Direct long-term impacts on aquatic resources would occur where permanent features such as project facilities permanently alter in-stream habitat (including habitat accessibility), wetlands, or riparian functions. Additional impacts may occur where surface waters receive stormwater runoff from impervious surfaces created or replaced by project construction. These potential effects are described in greater detail below. Impacts associated with each alternative are discussed in the subsections that follow.

Operation of TDLE would not be expected to increase nighttime illumination of fish-bearing waters (which could increase the risk of predation on juvenile salmonids) because the tracks would have no overhead lighting and the train headlights would be directed parallel to the tracks.

In-Stream Habitat Alteration

The construction of light rail guideways and other facilities could permanently or temporarily alter in-stream habitat in areas where such structures run close to or cross streams. In addition to affecting fish and other aquatic organisms within the impact footprint, the loss or degradation of stream habitat could reduce the availability of prey (e.g., benthic invertebrates) for fish and other aquatic species in reaches downstream of the study area. Unavoidable impacts on streams are evaluated in the discussions of the impacts of the alternatives, below.

Sound Transit has committed to minimizing the need to place existing streams in new culverts and has designed the TDLE alternatives to avoid new stream piping whenever possible. The majority of TDLE alternatives would be on elevated guideways where they cross surface-flowing streams. At most crossings, the elevated structure would span the stream, and the support columns would be placed on either side, beyond the stream banks and outside the OHWM. Unavoidable impacts on streams (i.e., where full span would not be possible or where a stream channel would need to be realigned) are described and evaluated in the discussions of the impacts of the alternatives, below. If any culverts on fish-bearing or potentially fish-bearing streams must be replaced, or if any new culverts need to be installed, the new or replacement structures would be designed and installed in accordance with WDFW's Water Crossing Design Guidelines (Barnard et al. 2013).

Any work within the OHWM of any streams or that may otherwise affect fish in the study area would be conducted in accordance with the terms of the Hydraulic Project Approval (HPA) and other applicable permits and reviews (e.g., CWA Section 404 permit, Tribal permits, ESA Section 7 consultation, shoreline substantial development permits, critical areas alteration approvals) for this project.

Additional impacts may occur where elevated segments of connecting track pass over surface-flowing streams and rivers. In addition to affecting riparian habitat and vegetation (see the discussion of Vegetation Removal and Habitat Alteration, below), shade from structures placed over streams may affect the behavior of fish and the productivity of the food web in the affected stream segments. Outmigrating juvenile salmonids may respond to shadows from overwater structures by pausing at the upstream end of the darkened area or moving into deeper waters, potentially increasing their vulnerability to predation (Kemp and Williams 2008; Moore et al. 2013). Shade from overwater structures may also provide hiding cover for potential predators. Where elevated track segments run parallel to a stream, the placement of support columns may constrain options for natural or human-induced modifications to channel configuration (e.g., meander creation, daylighting).

Evaluations of the potential impacts of the alternatives on in-stream habitat conditions are based on the length of surface-flowing streams within the permanent impact footprint (Table J4.4-1). Impacts are depicted in Figures J4.4-1 through J4.4-11.

Impact area numbers in Table J4.4-1 reflect potential long-term impacts to streams and aquatic resources, based on the overlap between streams or stream buffers and the permanent impact footprint for each alternative. Impacts to aquatic resources within the permanent impact footprint could take several forms. For example, in some areas, project features (e.g., elevated guideways) would be built near or over surface-flowing stream channels. In such areas, no ground-disturbing work would take place in the stream channel, but the presence of those structures could have long-term effects on riparian and/or aquatic habitats. In other areas, an existing stream channel would need to be relocated and realigned to accommodate project features. Relocation and realignment could include constructing a new stream channel along approximately the same alignment as the existing channel, or it could entail moving the channel to a new alignment several dozen feet from the existing channel. Relocated stream segments would include meanders and other features that enhance the availability and diversity of aquatic habitats.

As discussed in Section 2.4.5, Analysis Assumptions, the impact values and areas in the table and figures represent conservative estimates of the impacts of the alternatives. Actual anticipated impacts would be determined when an alternative is selected to be built and the project engineering design is advanced.

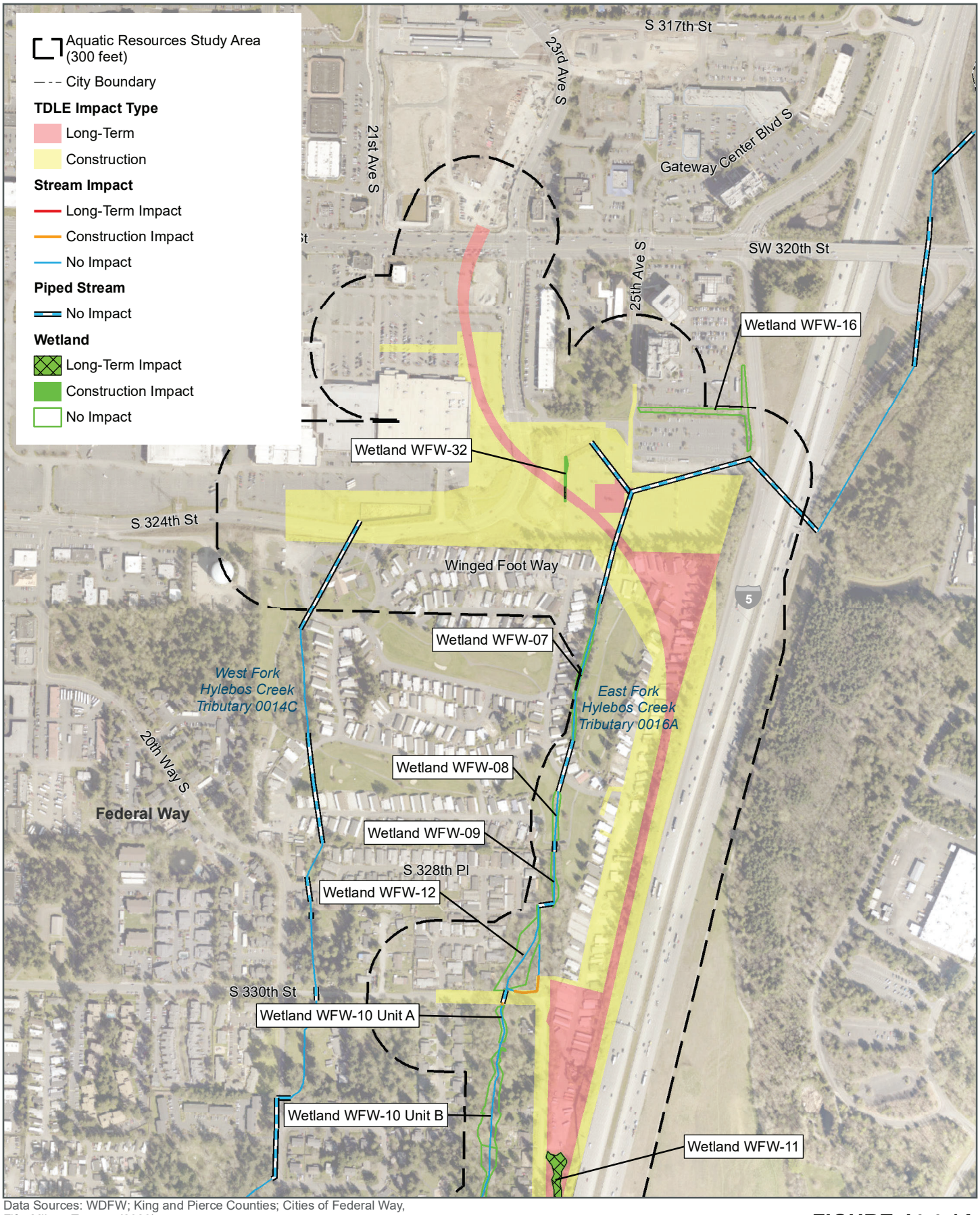

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-1A
Wetland and Stream Impacts
Preferred FW Enchanted Parkway Alternative
Tacoma Dome Link Extension

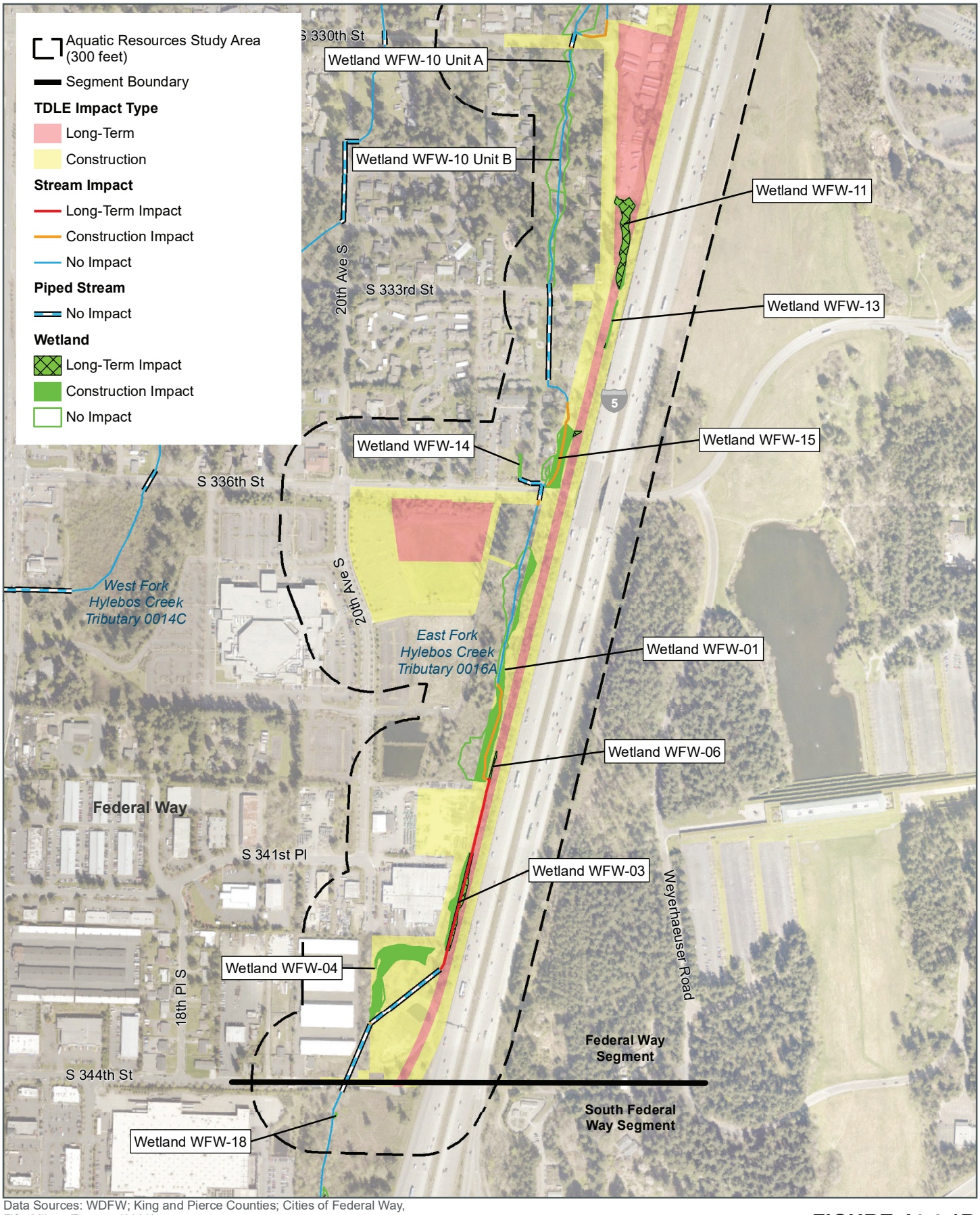

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-1B
Wetland and Stream Impacts
Preferred FW Enchanted Parkway Alternative
Tacoma Dome Link Extension

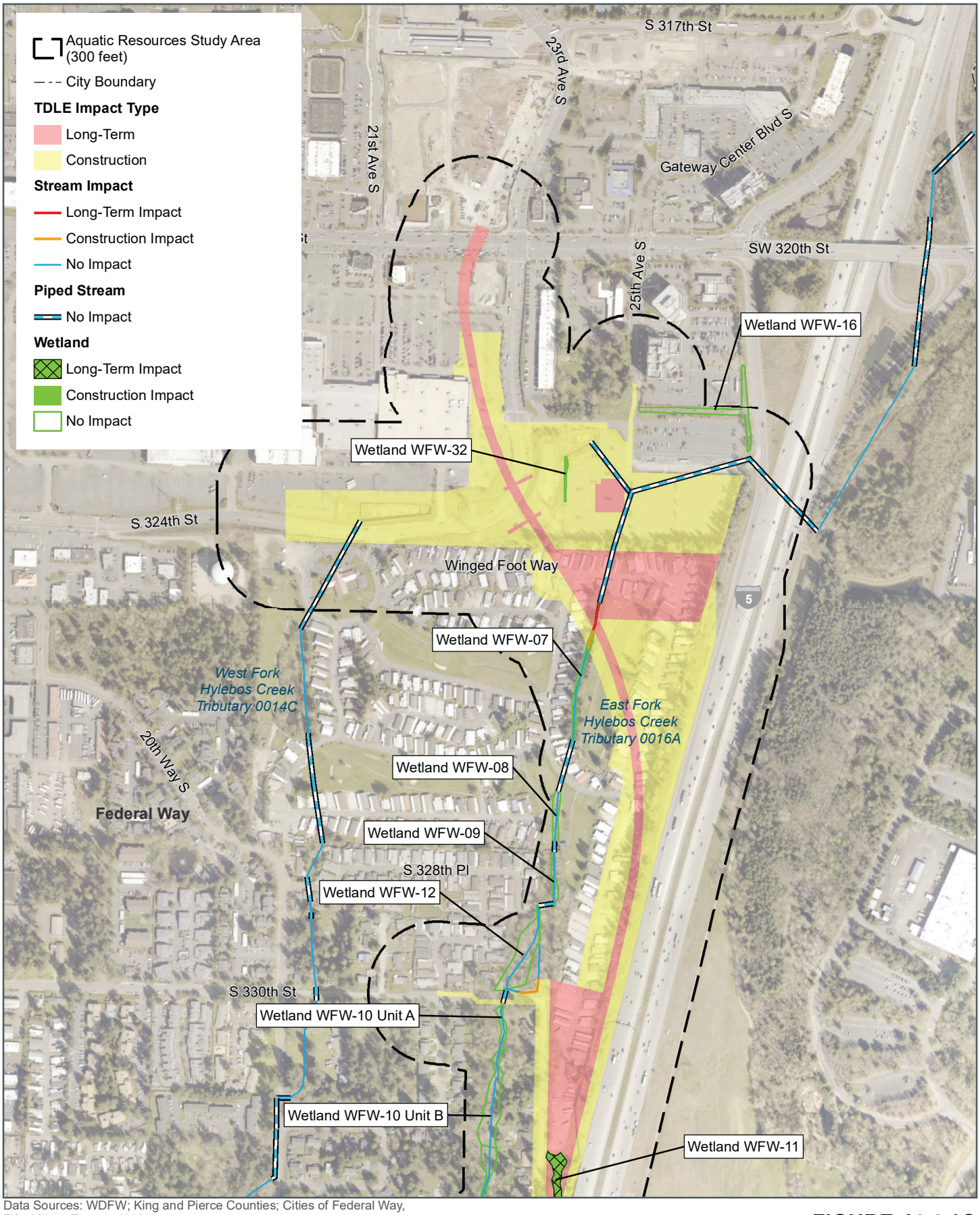

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-1C
Wetland and Stream Impacts
FW Design Option
Tacoma Dome Link Extension

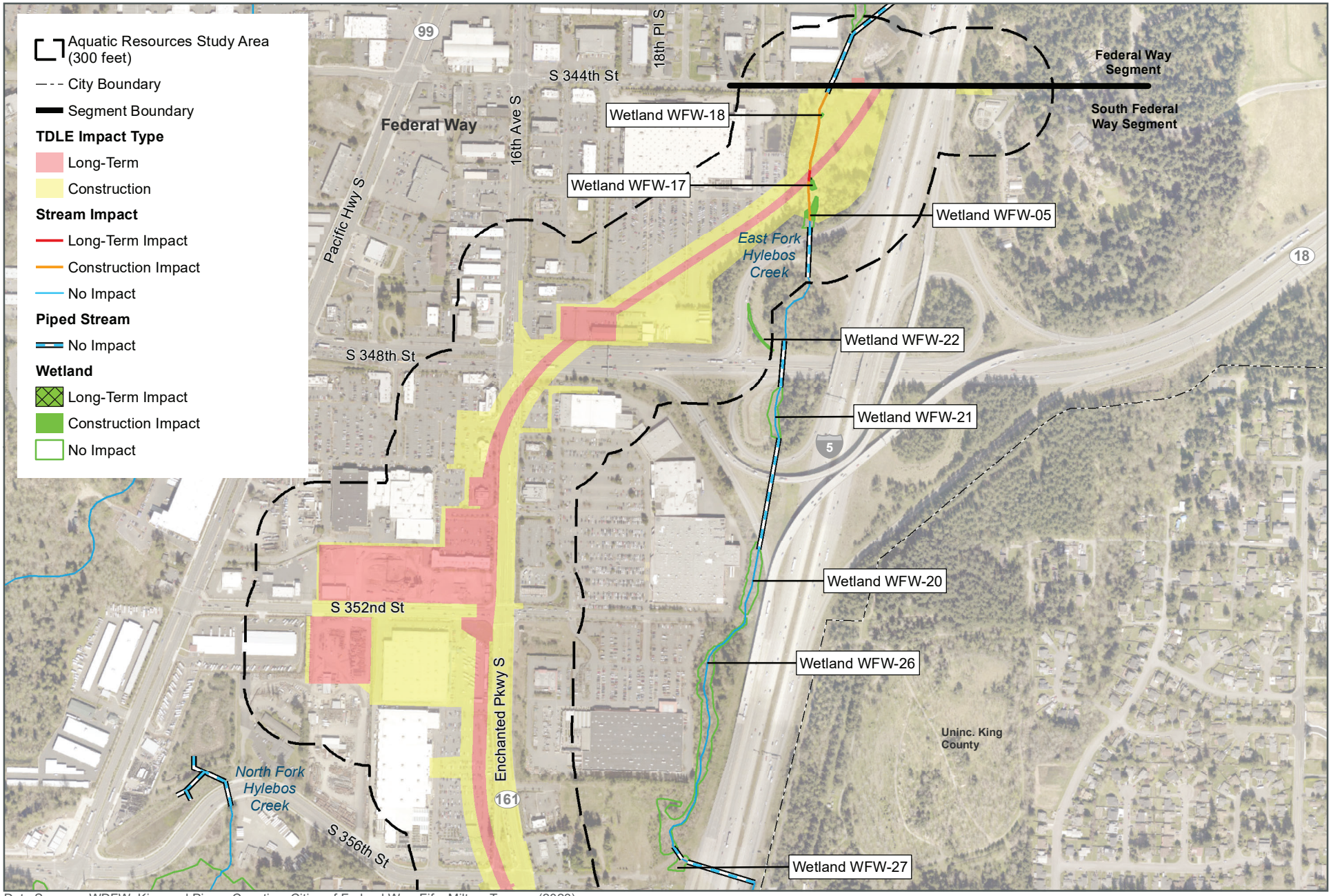

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-2A
Wetland and Stream Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

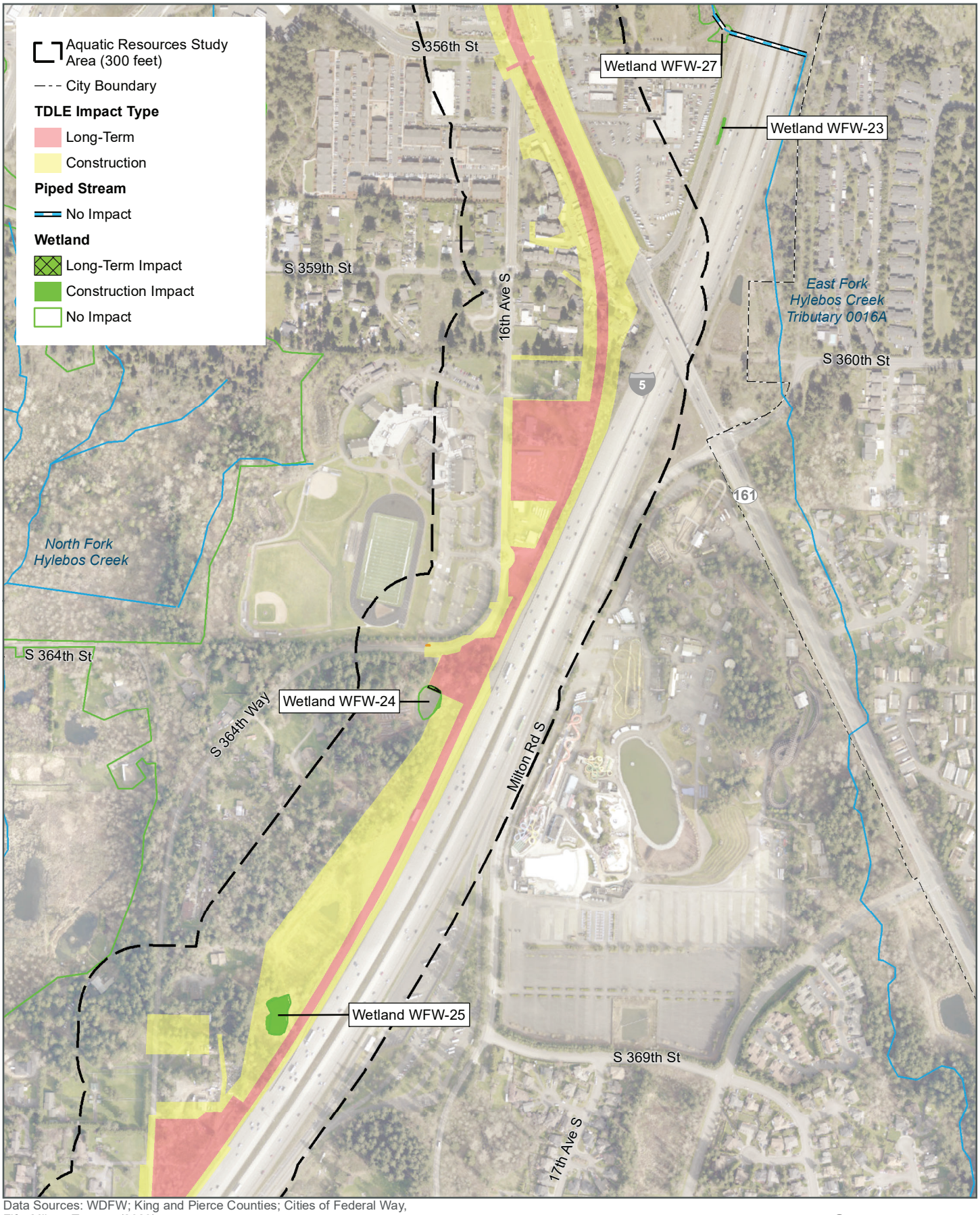

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-2B
Wetland and Stream Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

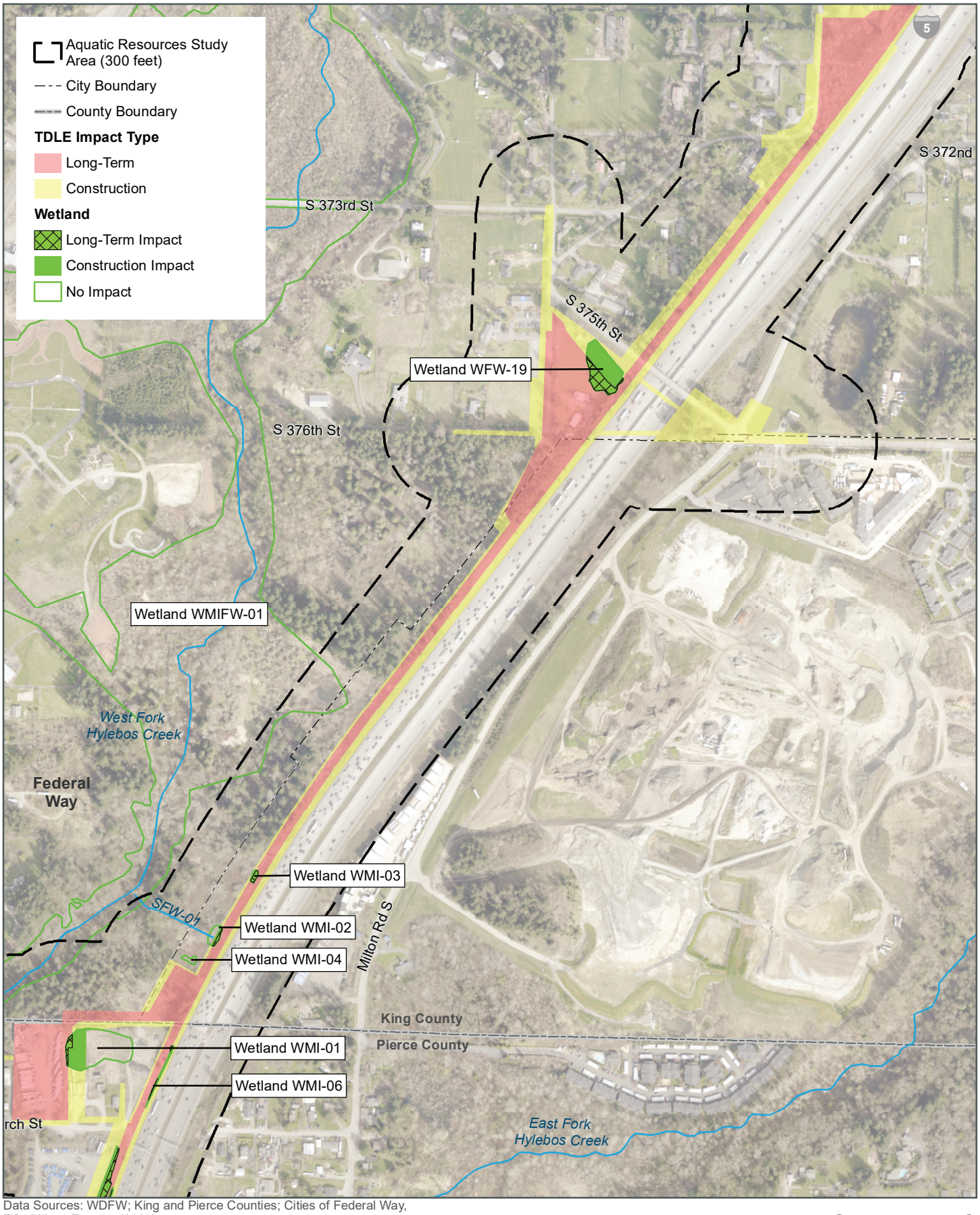

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-2C
Wetland and Stream Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

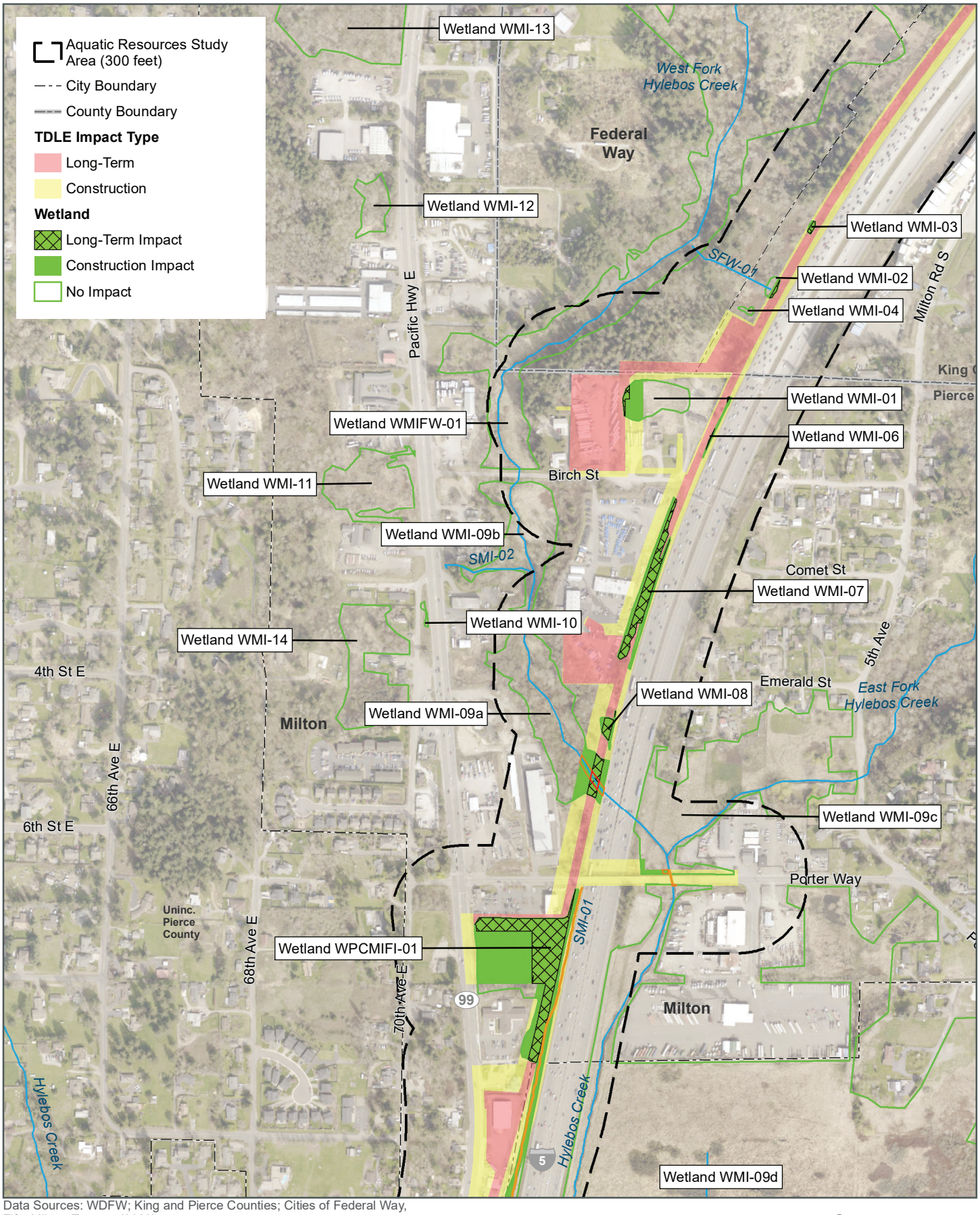

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-2D
Wetland and Stream Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

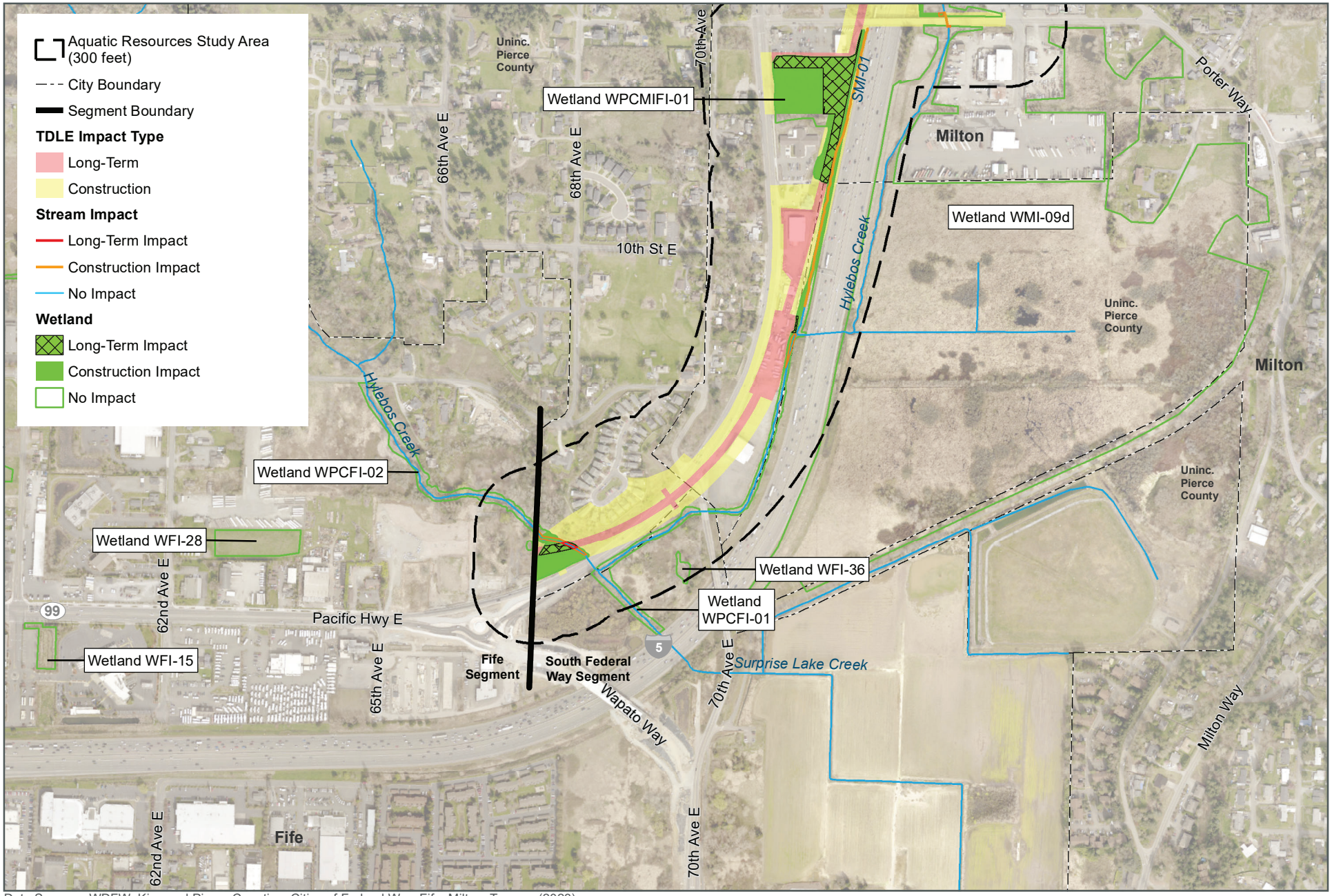

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-2E
Wetland and Stream Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

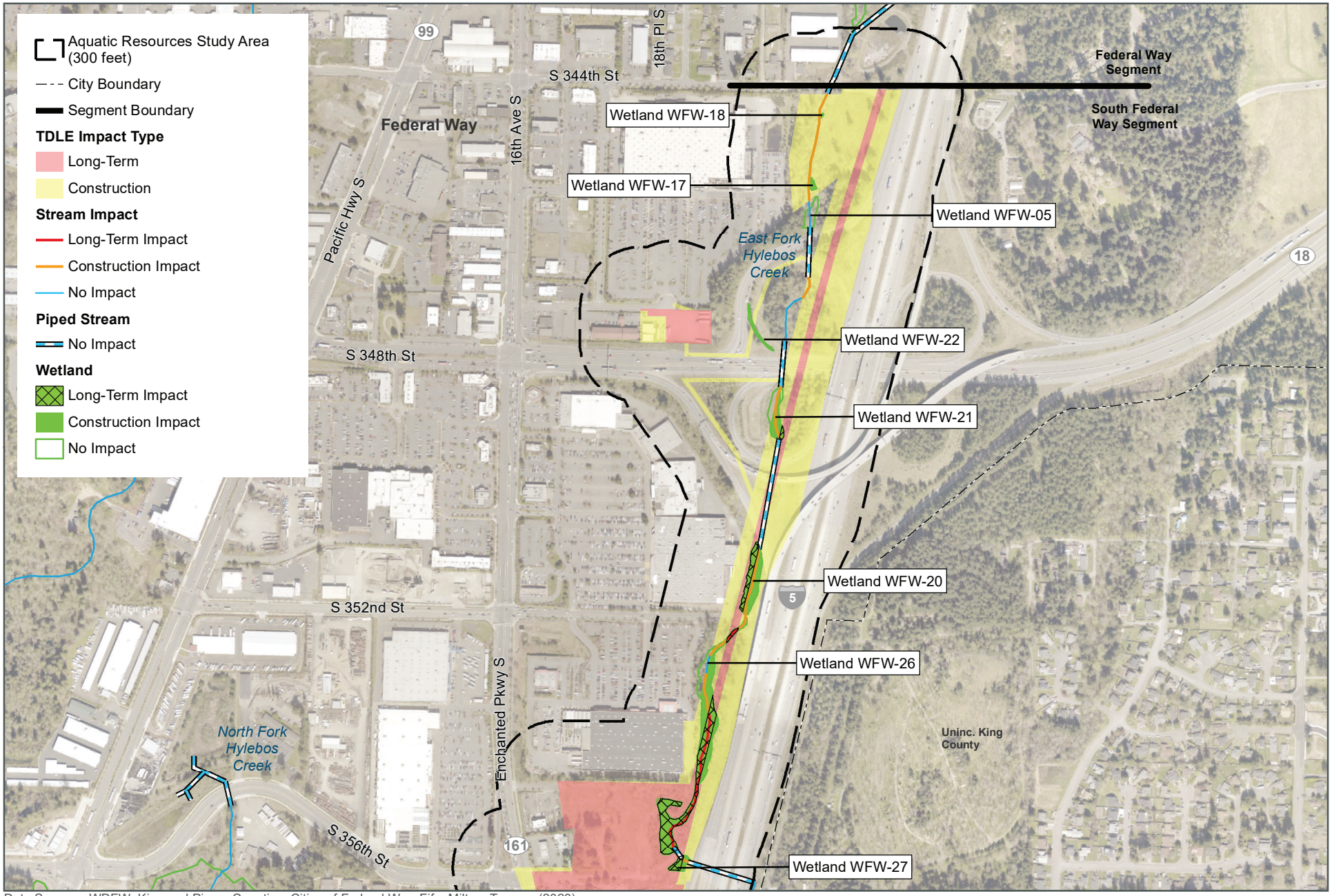

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-3A
Wetland and Stream Impacts
SF I-5 Alternative
Tacoma Dome Link Extension

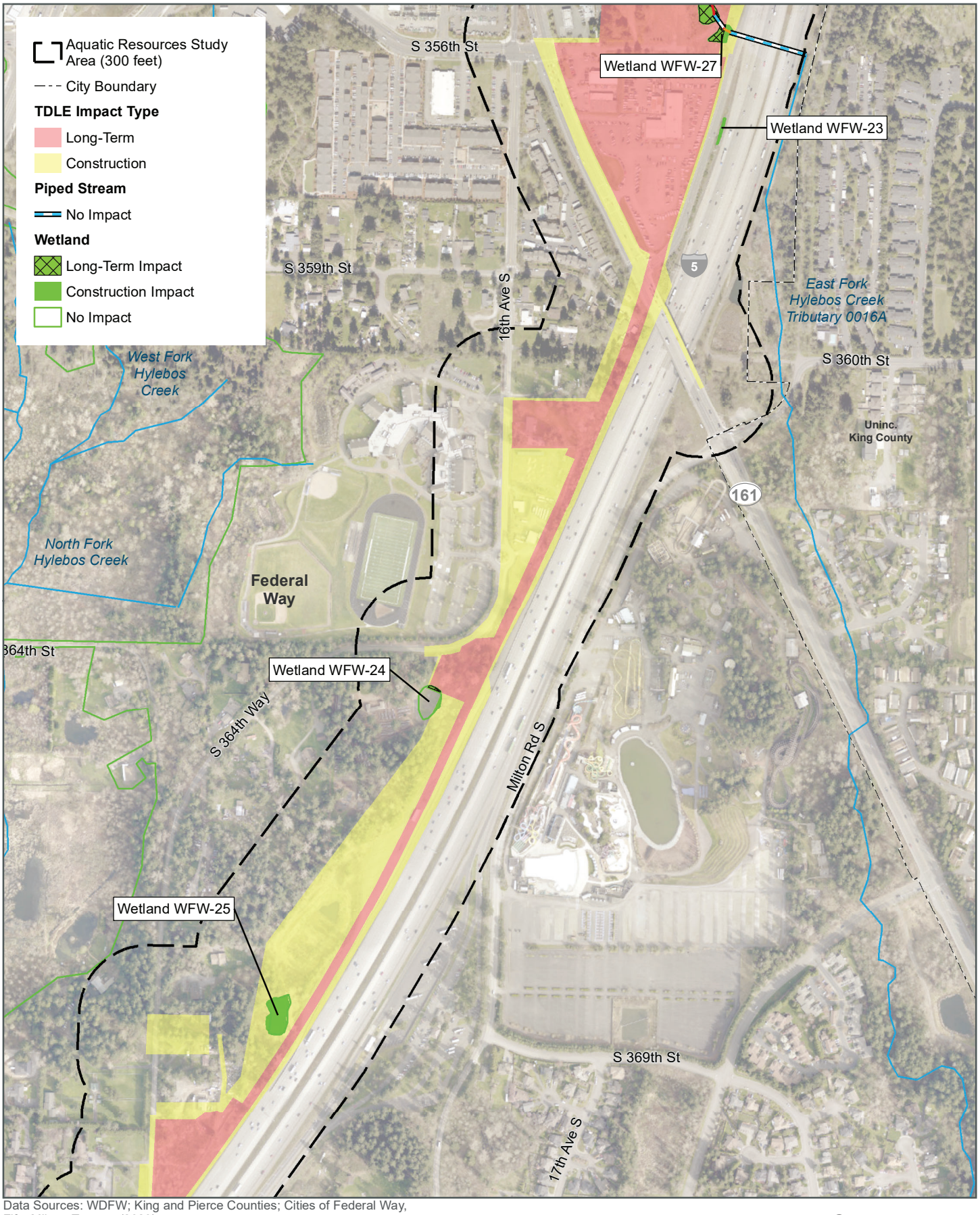

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-3B
Wetland and Stream Impacts
SF I-5 Alternative
Tacoma Dome Link Extension

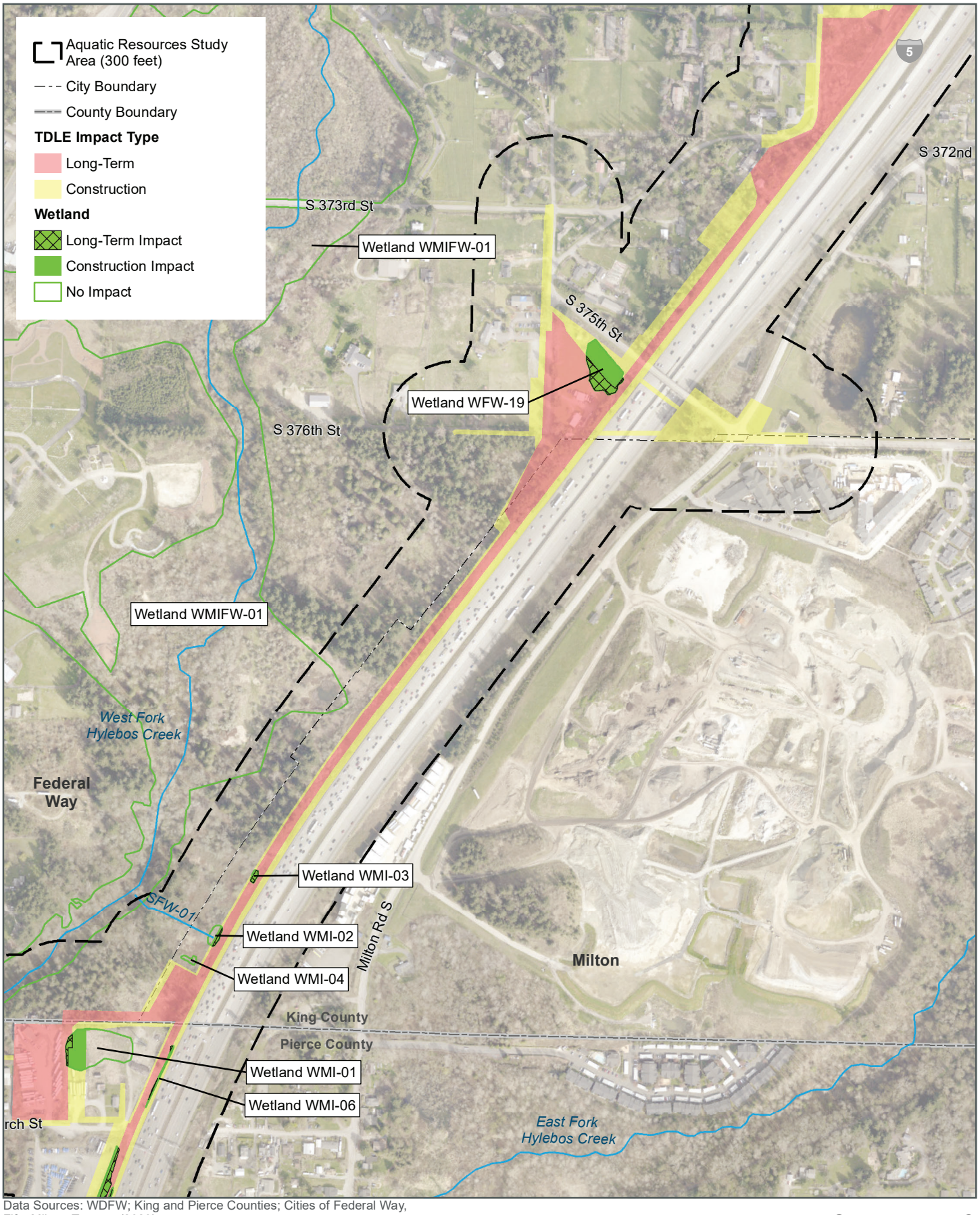

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-3C
Wetland and Stream Impacts
SF I-5 Alternative
Tacoma Dome Link Extension

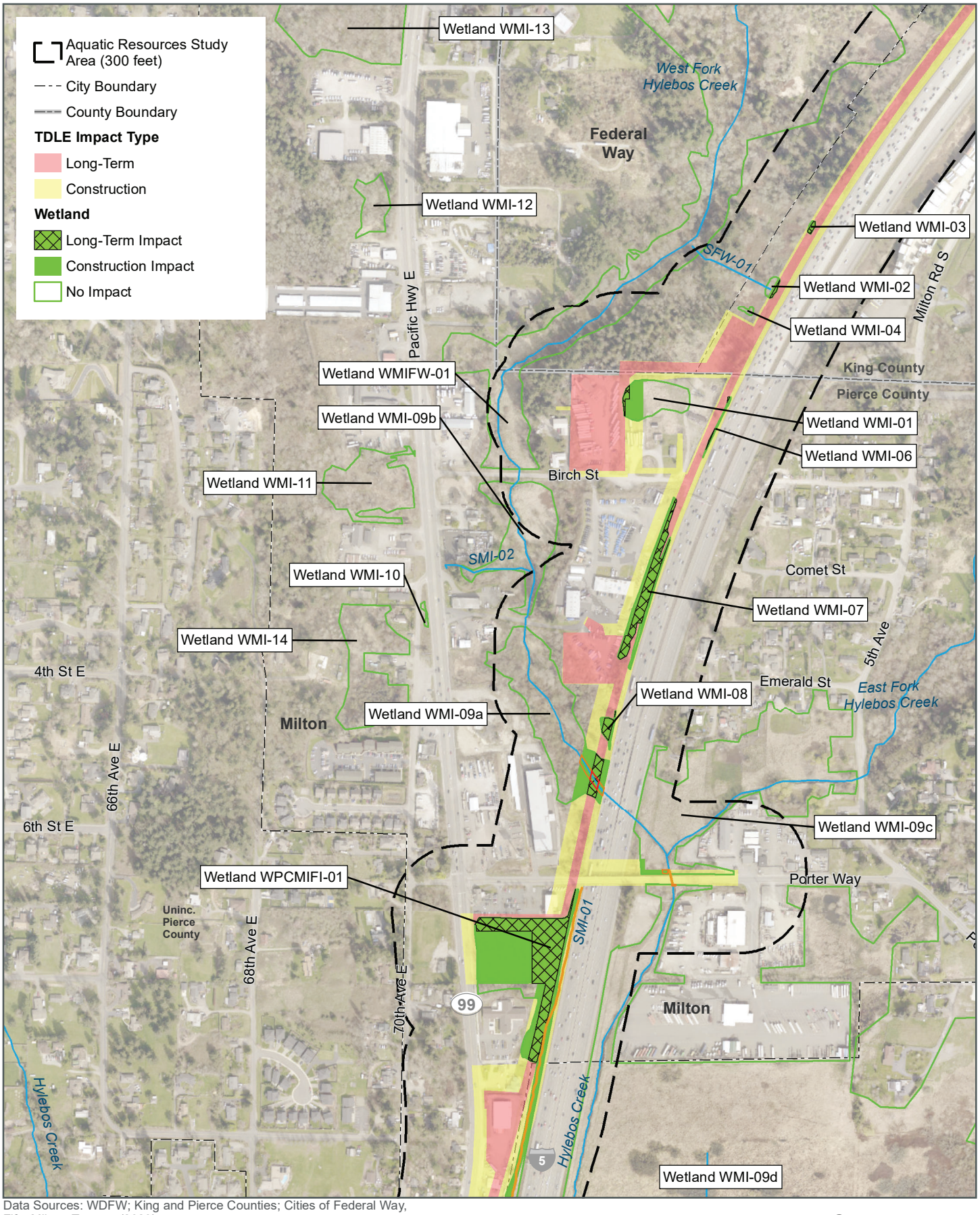

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-3D
Wetland and Stream Impacts
SF I-5 Alternative

Tacoma Dome Link Extension

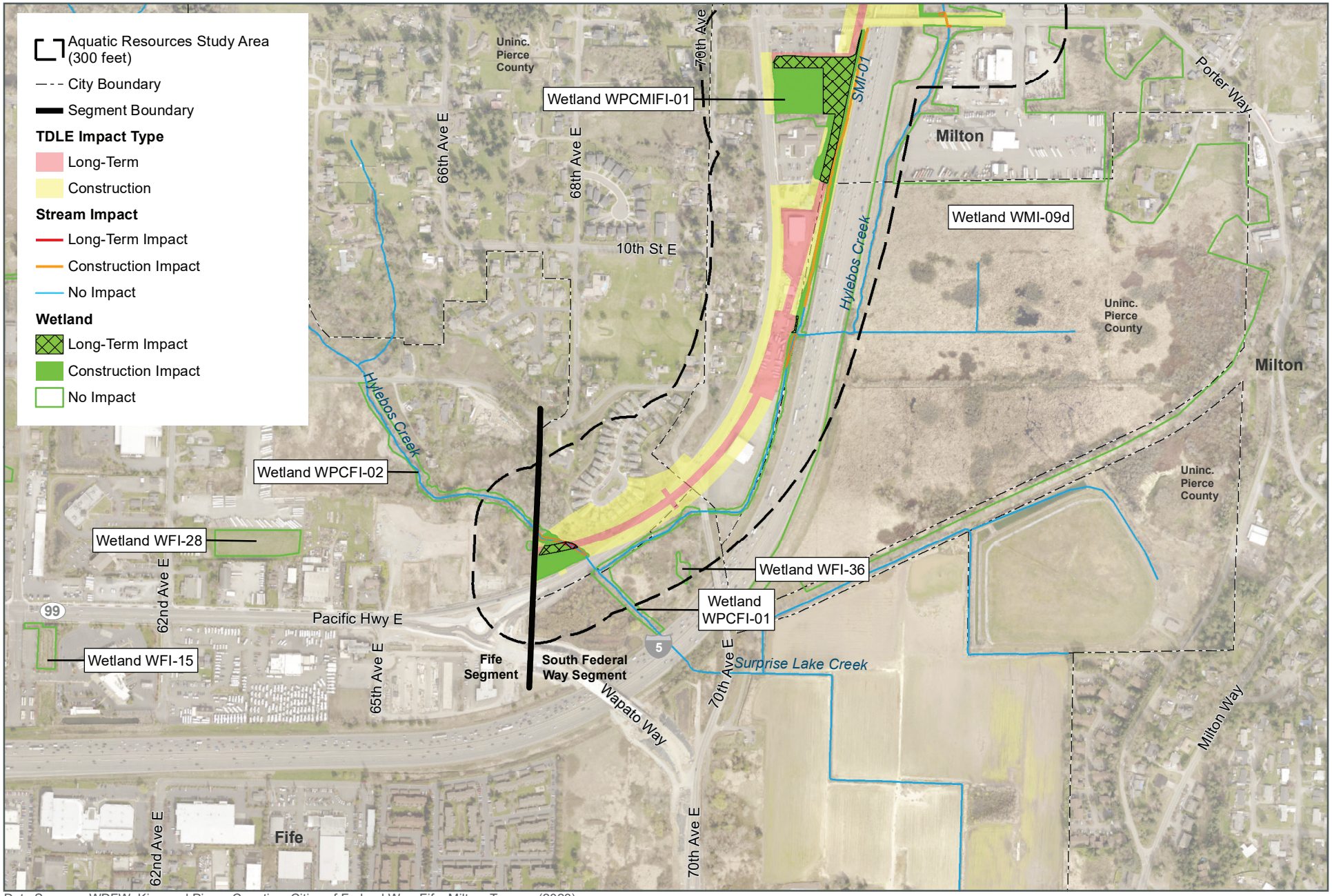

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-3E
Wetland and Stream Impacts
SF I-5 Alternative
Tacoma Dome Link Extension

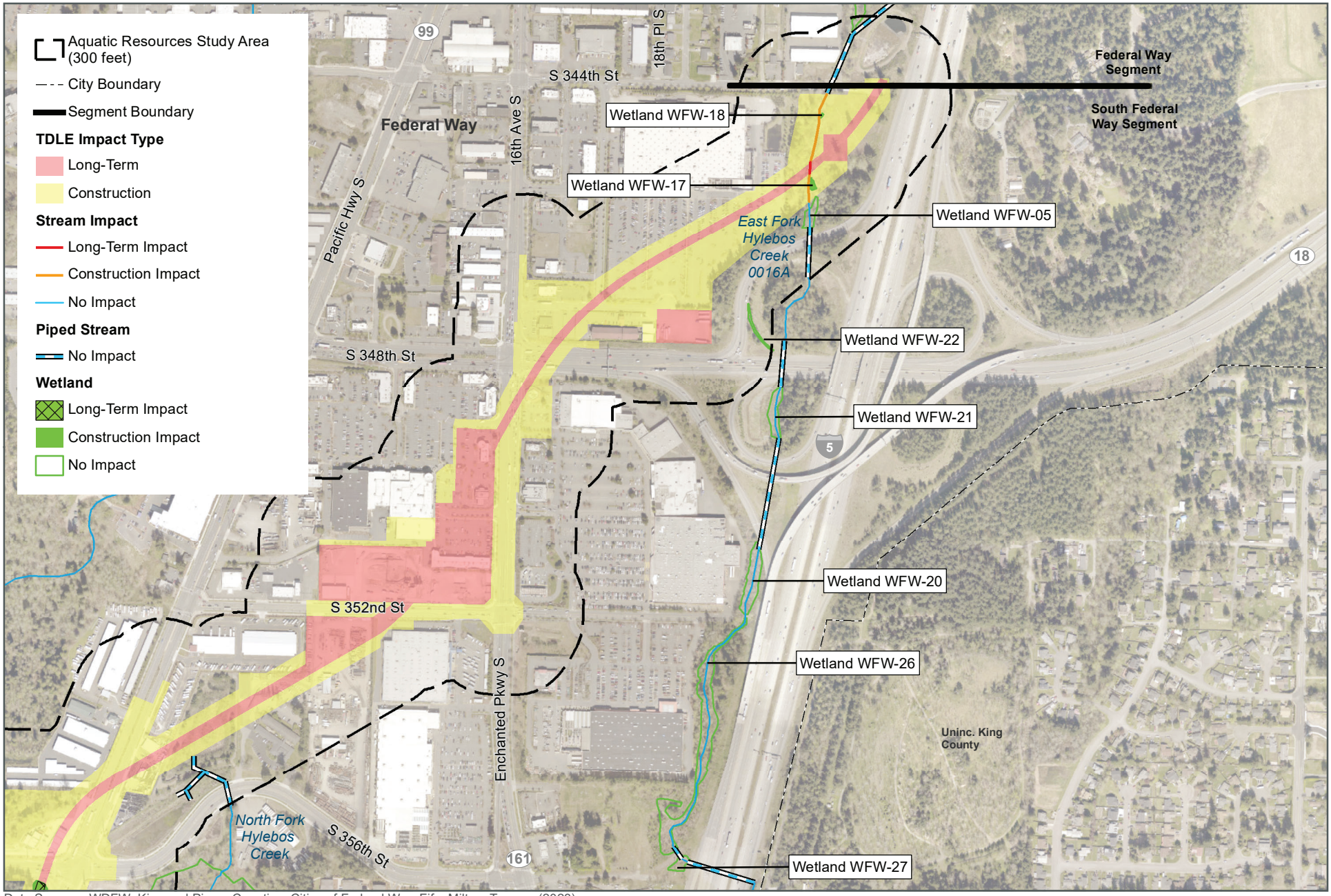

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-4A
Wetland and Stream Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

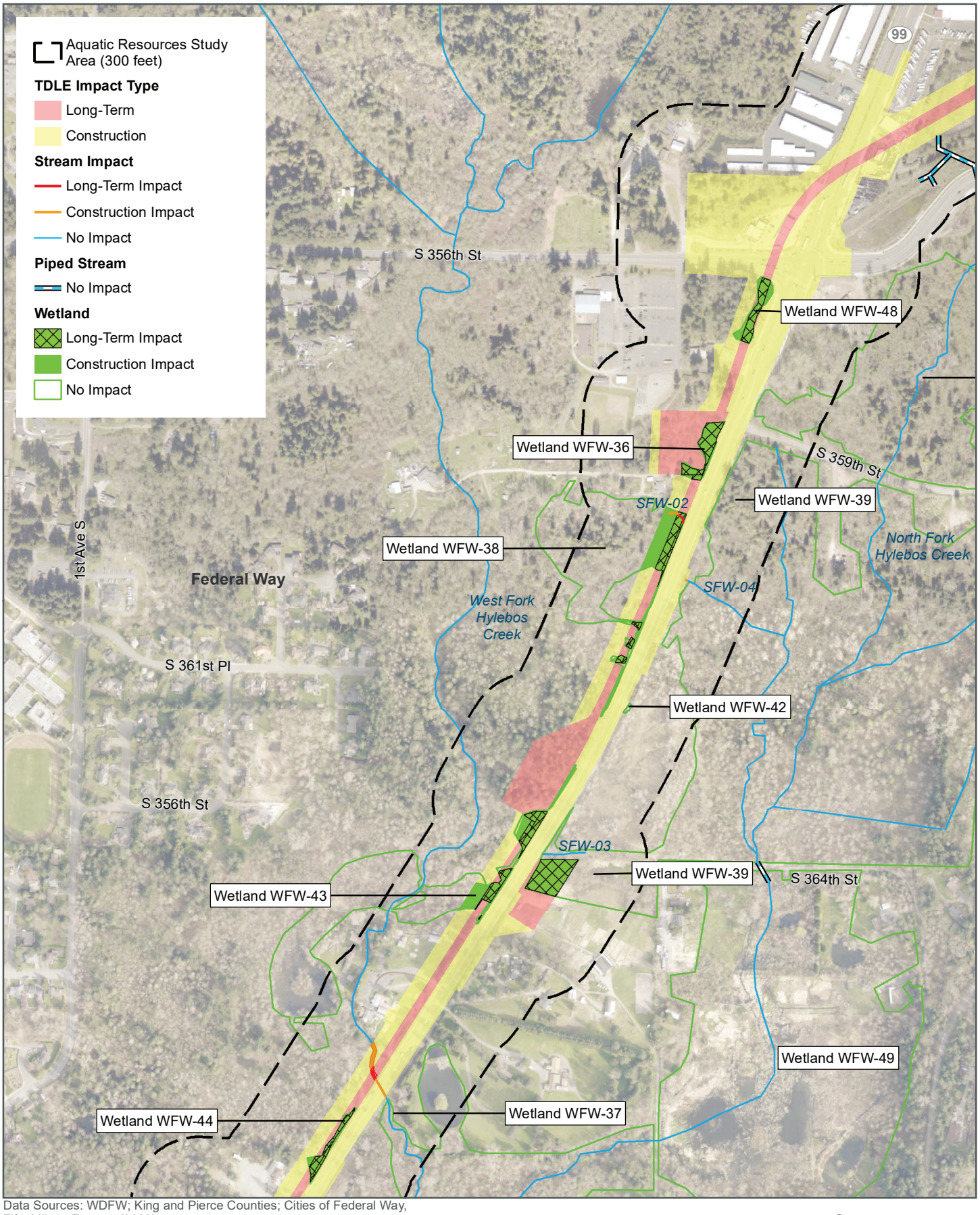

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-4B
Wetland and Stream Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

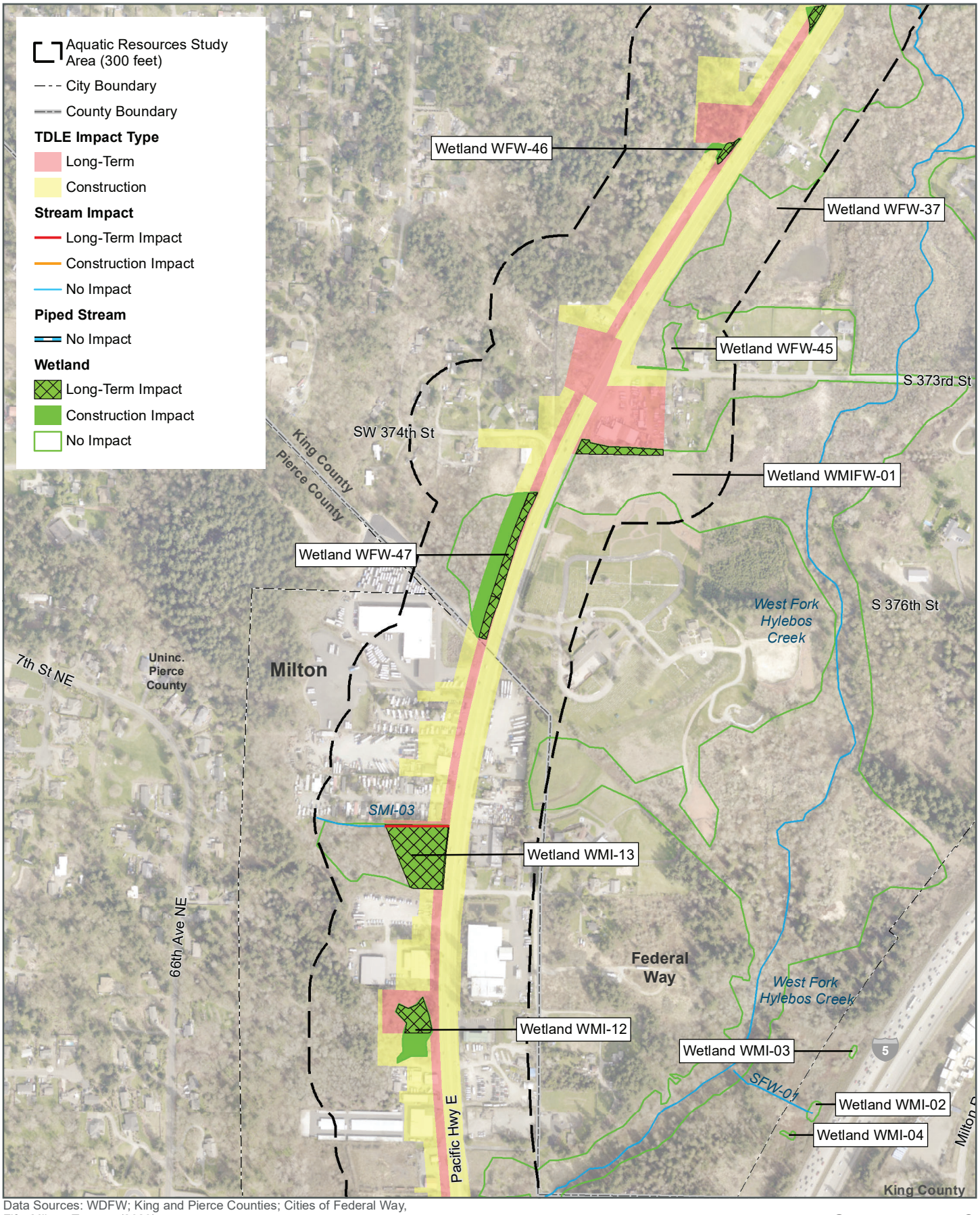

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-4C
Wetland and Stream Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

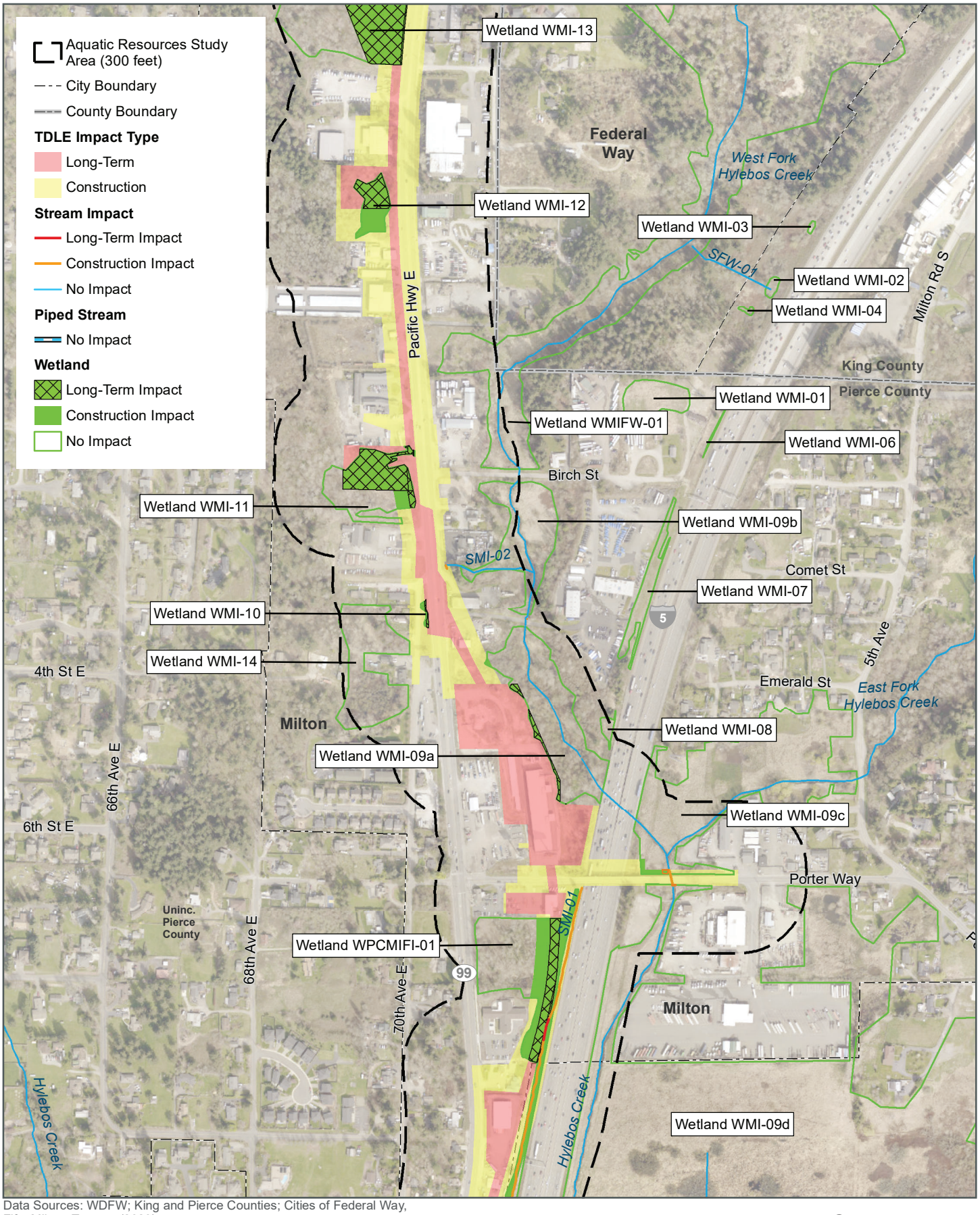

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-4D
Wetland and Stream Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

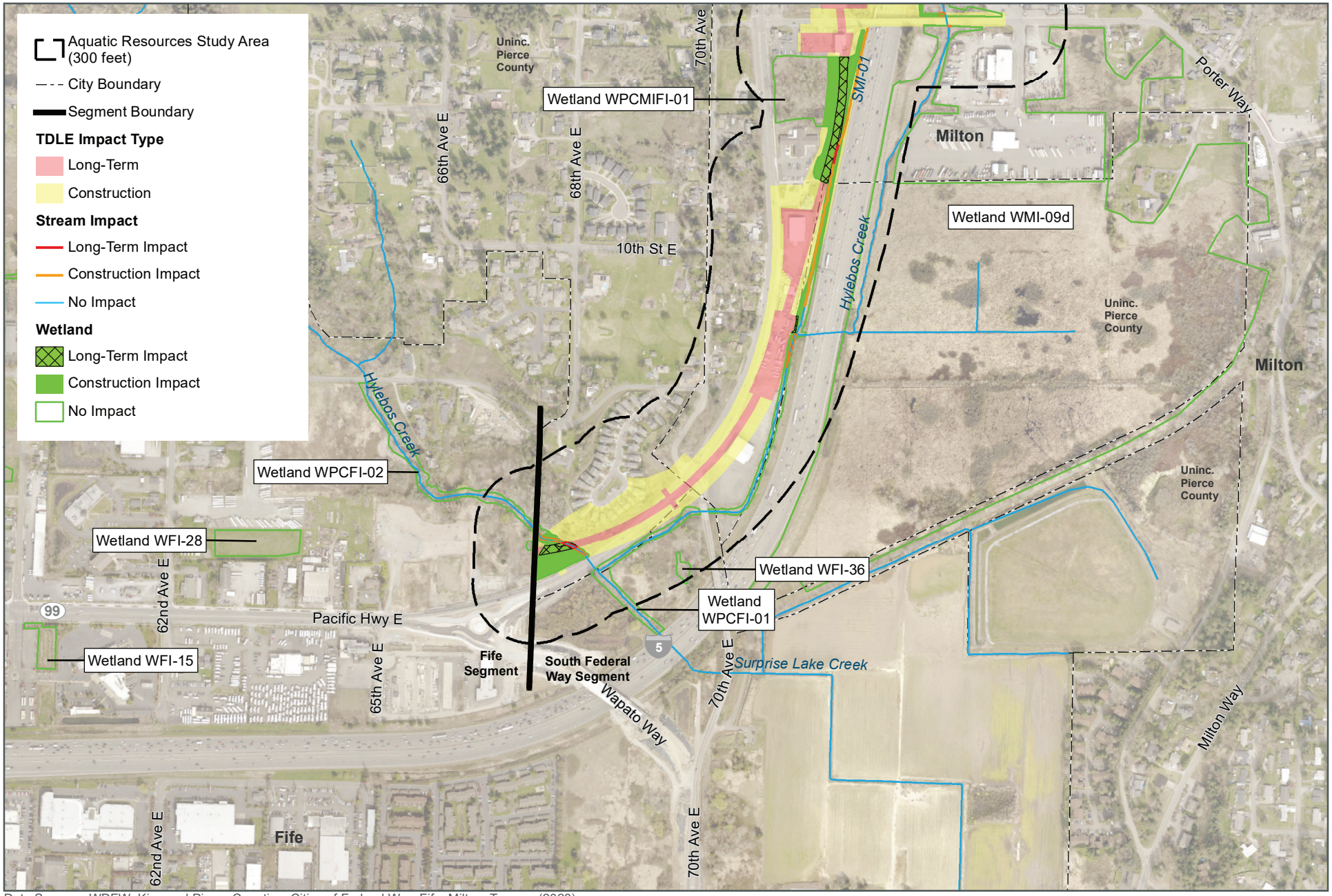

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-4E
Wetland and Stream Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

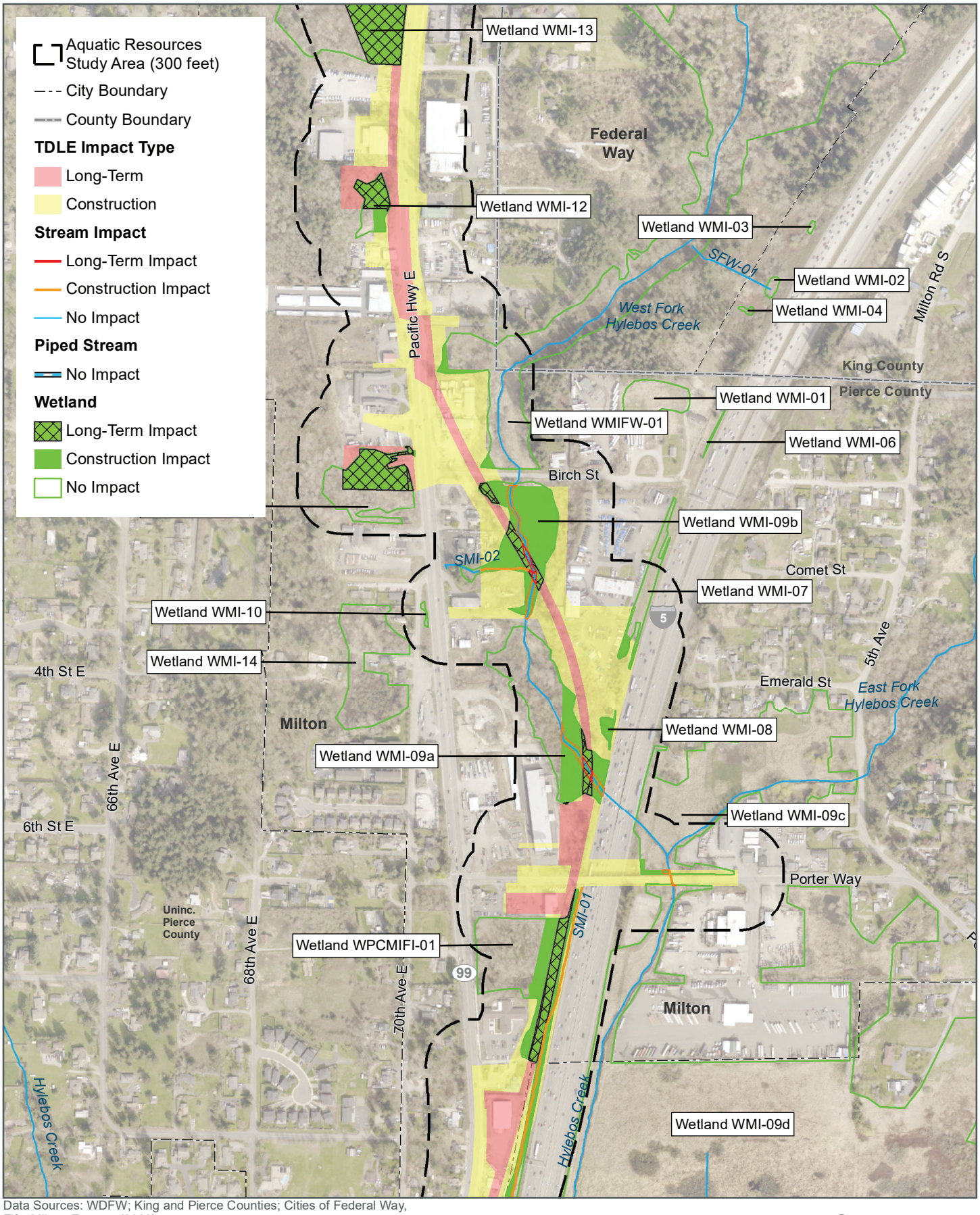

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-4F

Wetland and Streams Impacts

SF 99-West Alternative with Porter Way Design Option

Tacoma Dome Link Extension

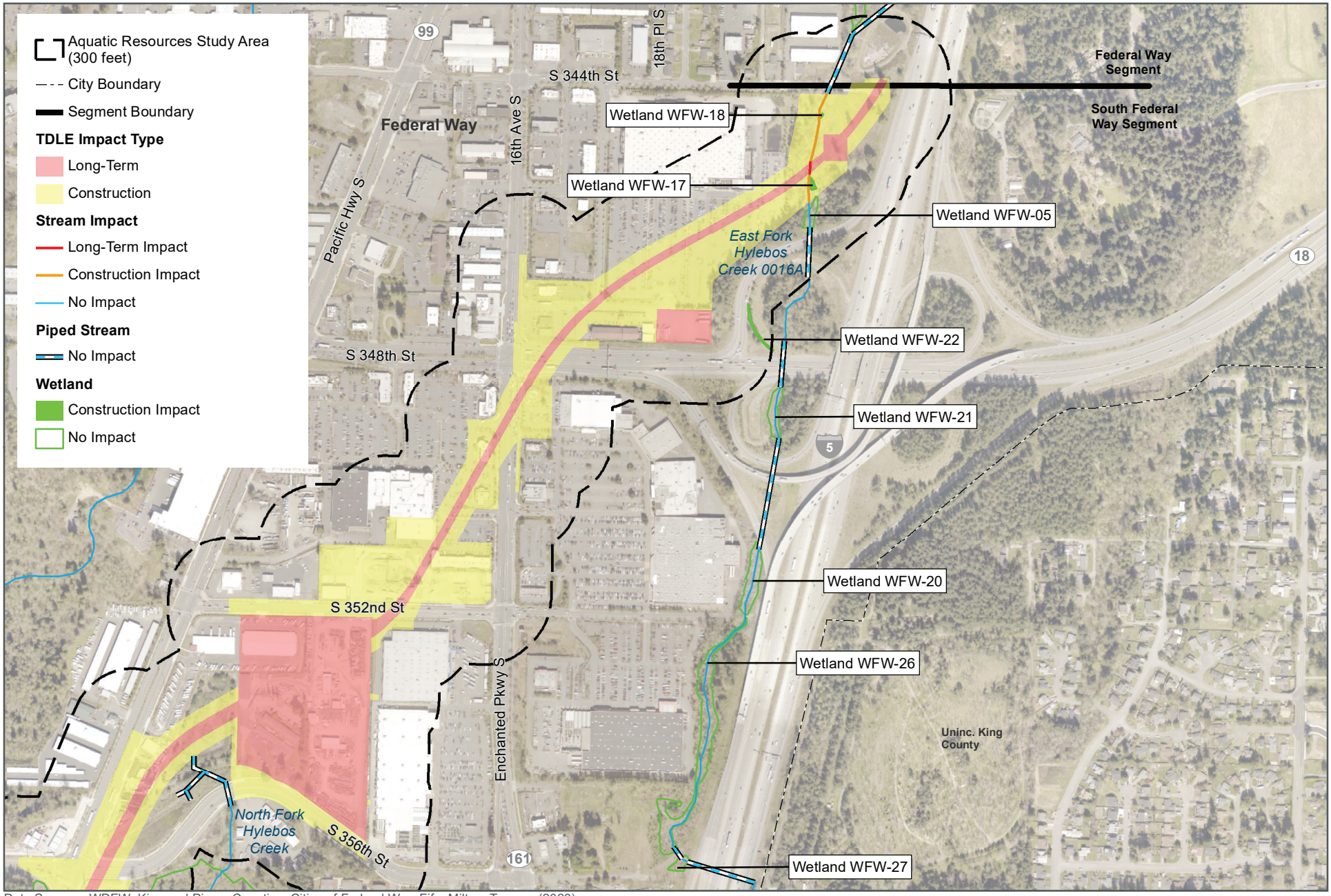

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-5A
Wetland and Stream Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

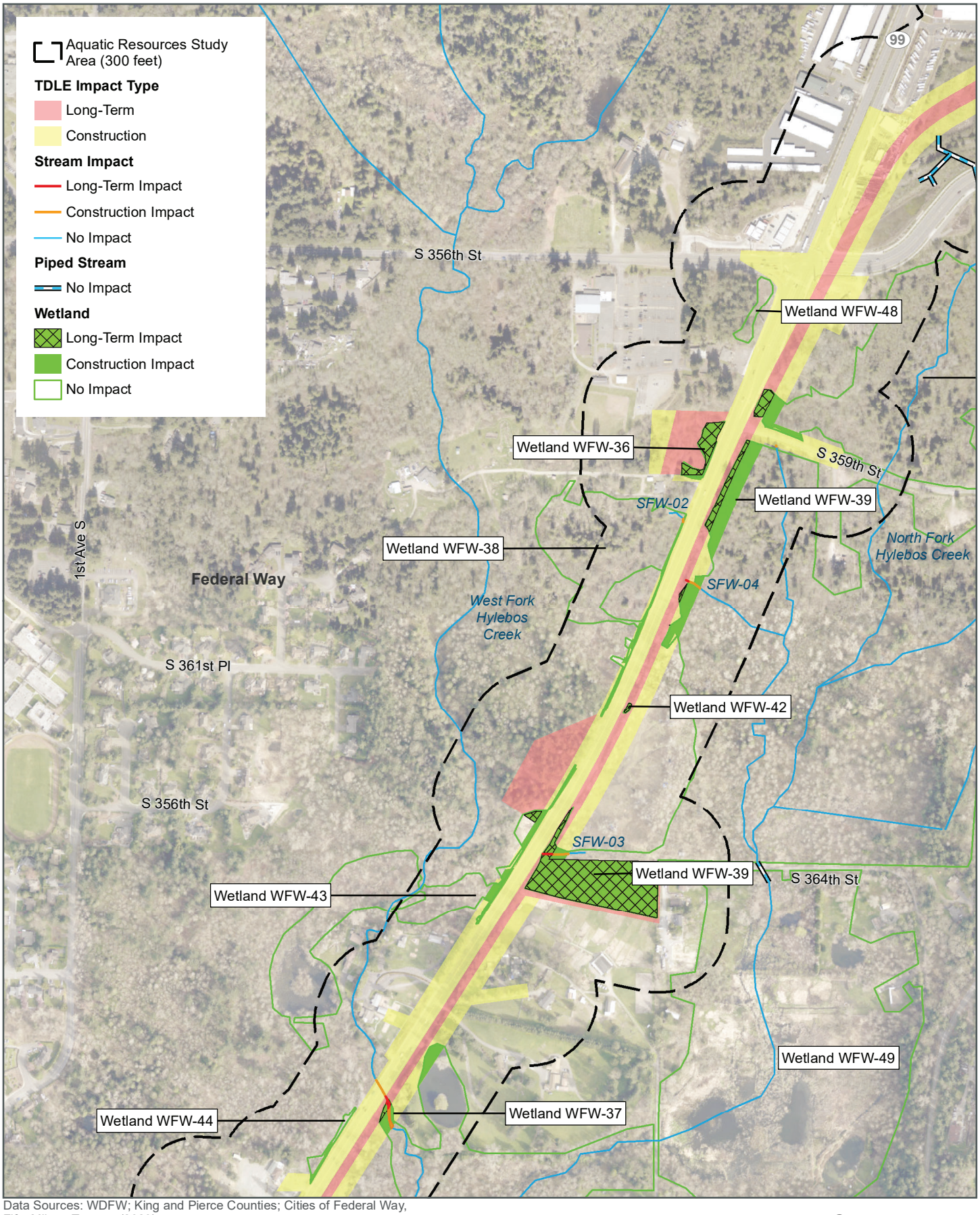

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-5B
Wetland and Stream Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

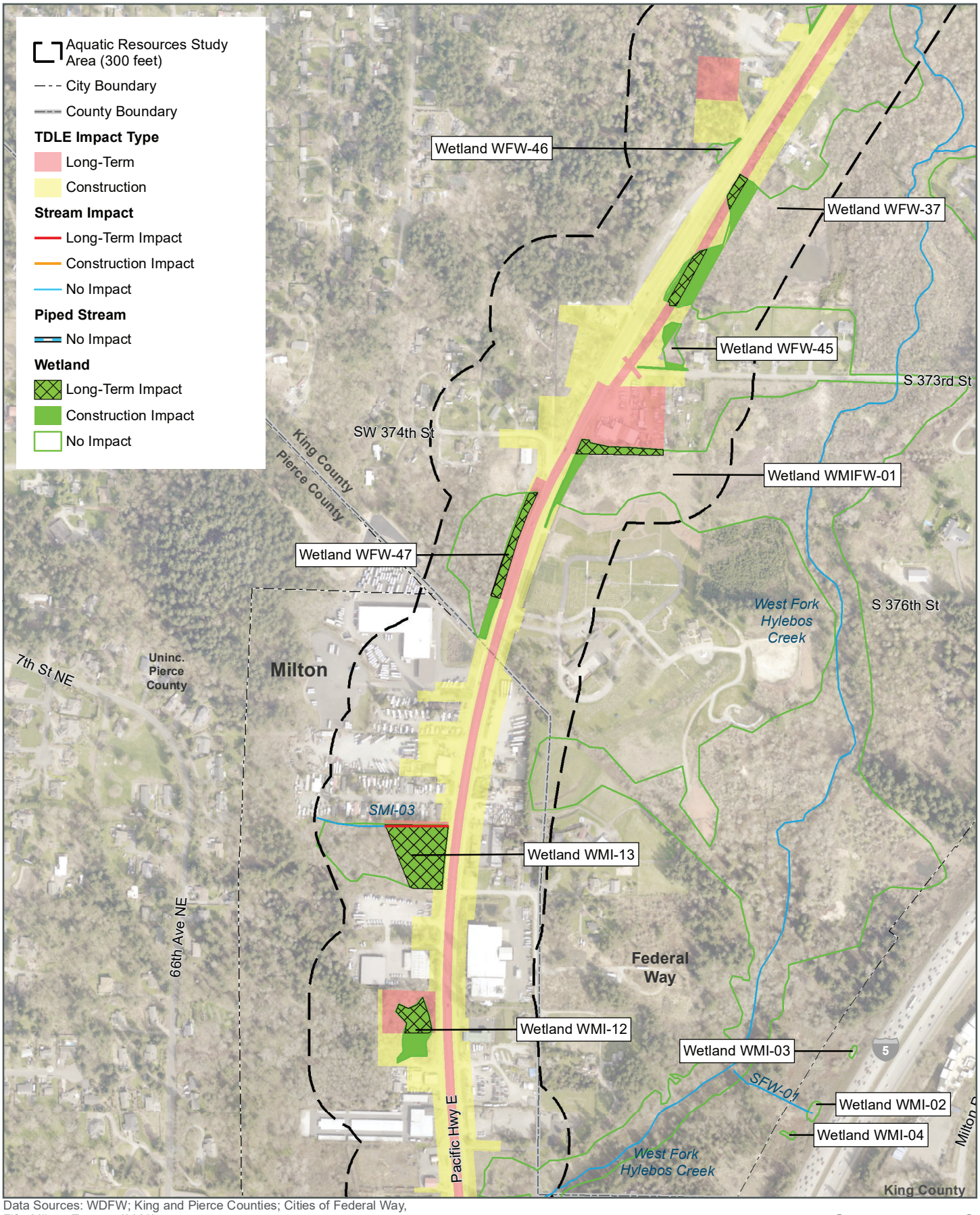

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-5C
Wetland and Stream Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

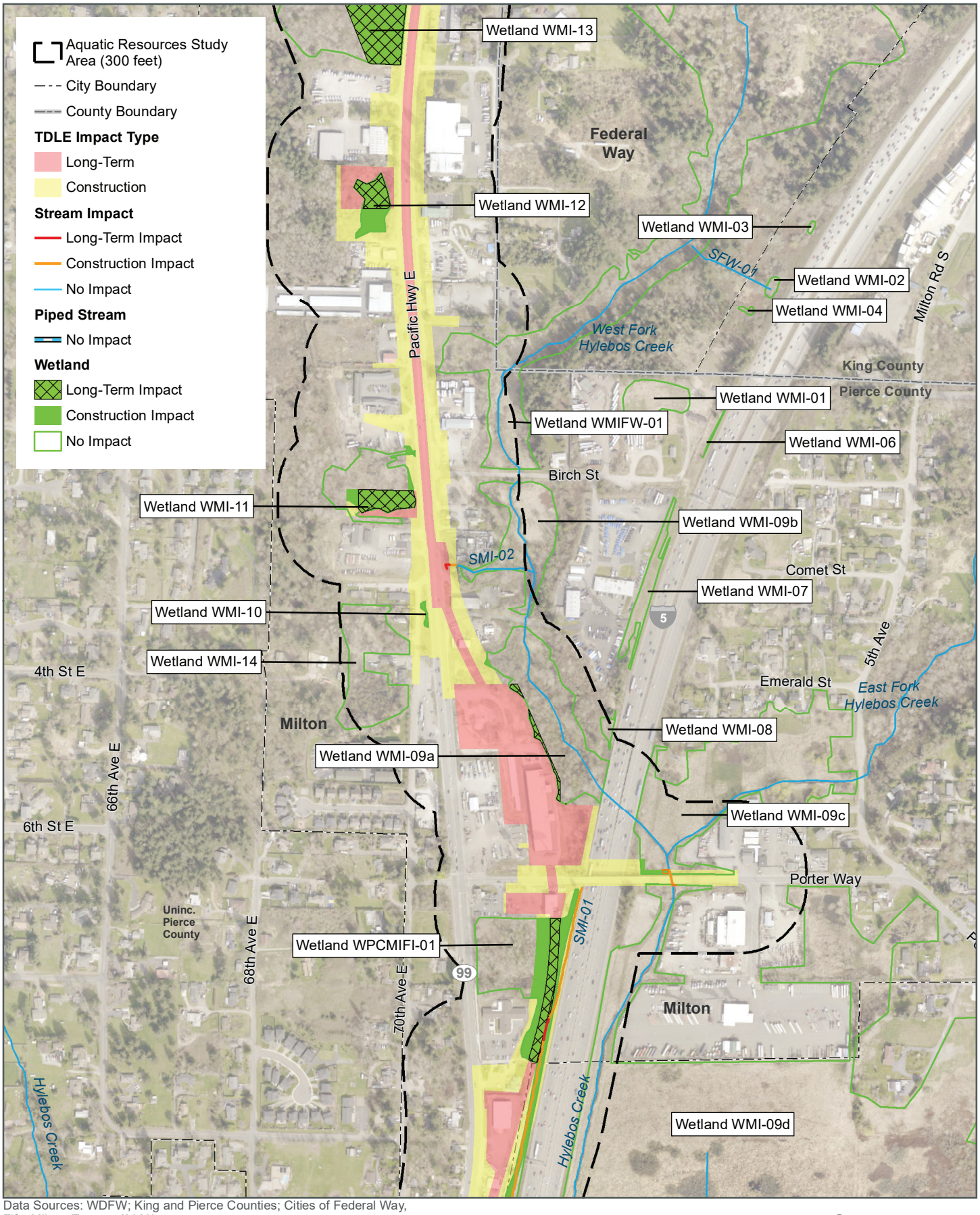

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-5D
Wetland and Stream Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

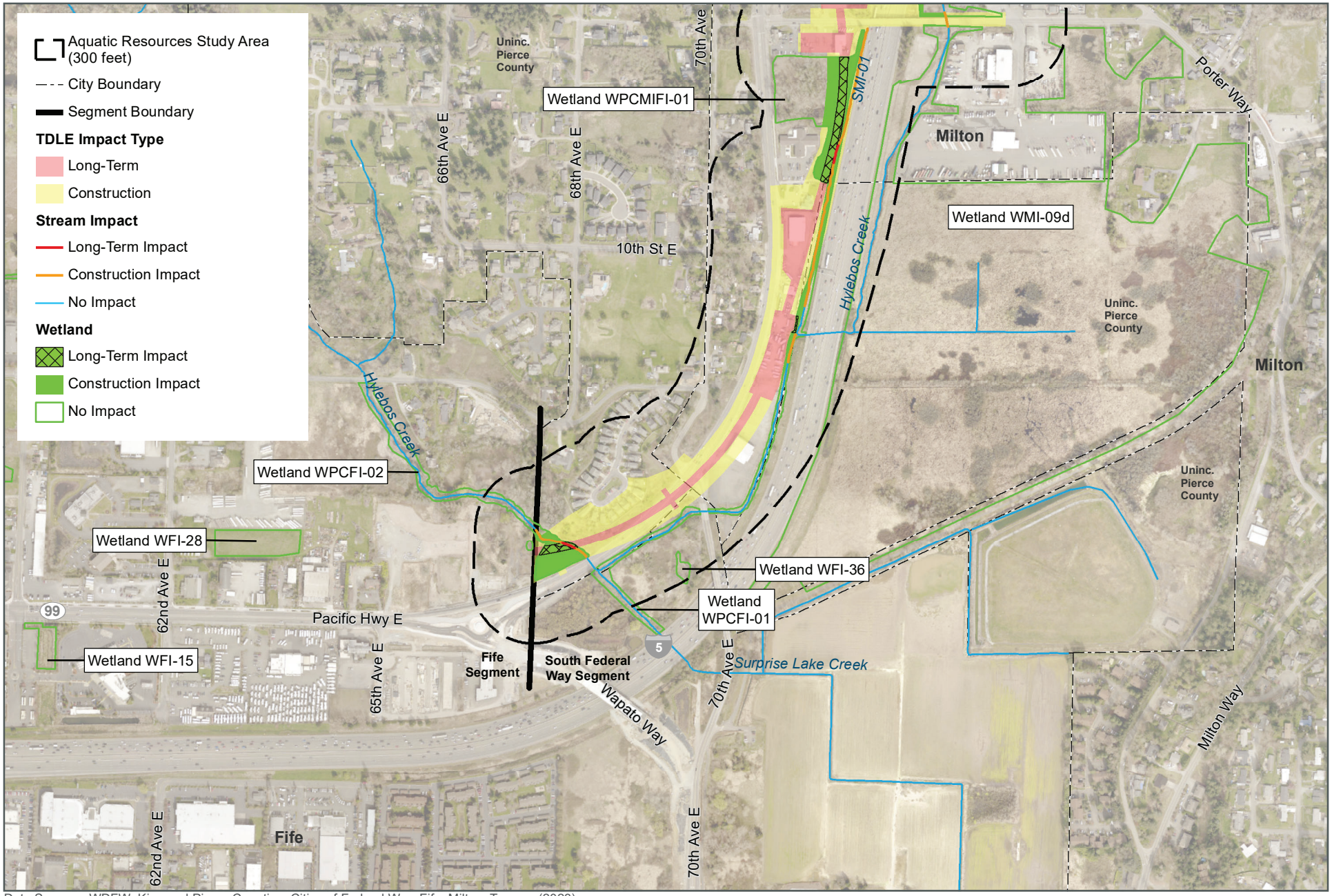

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-5E
Wetland and Stream Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

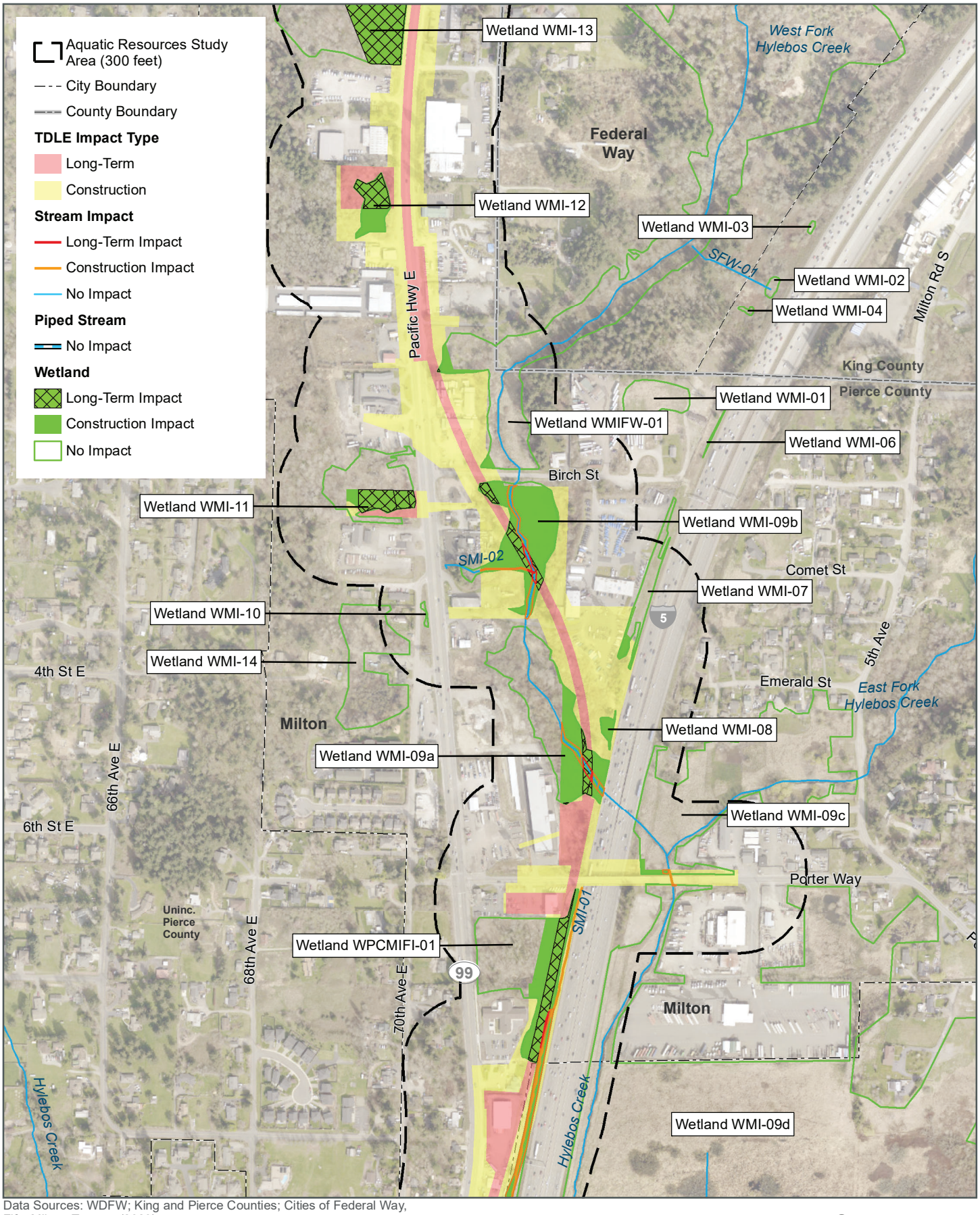

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-5F
Wetland and Streams Impacts
SF 99-East Alternative with Porter Way Design Option
Tacoma Dome Link Extension

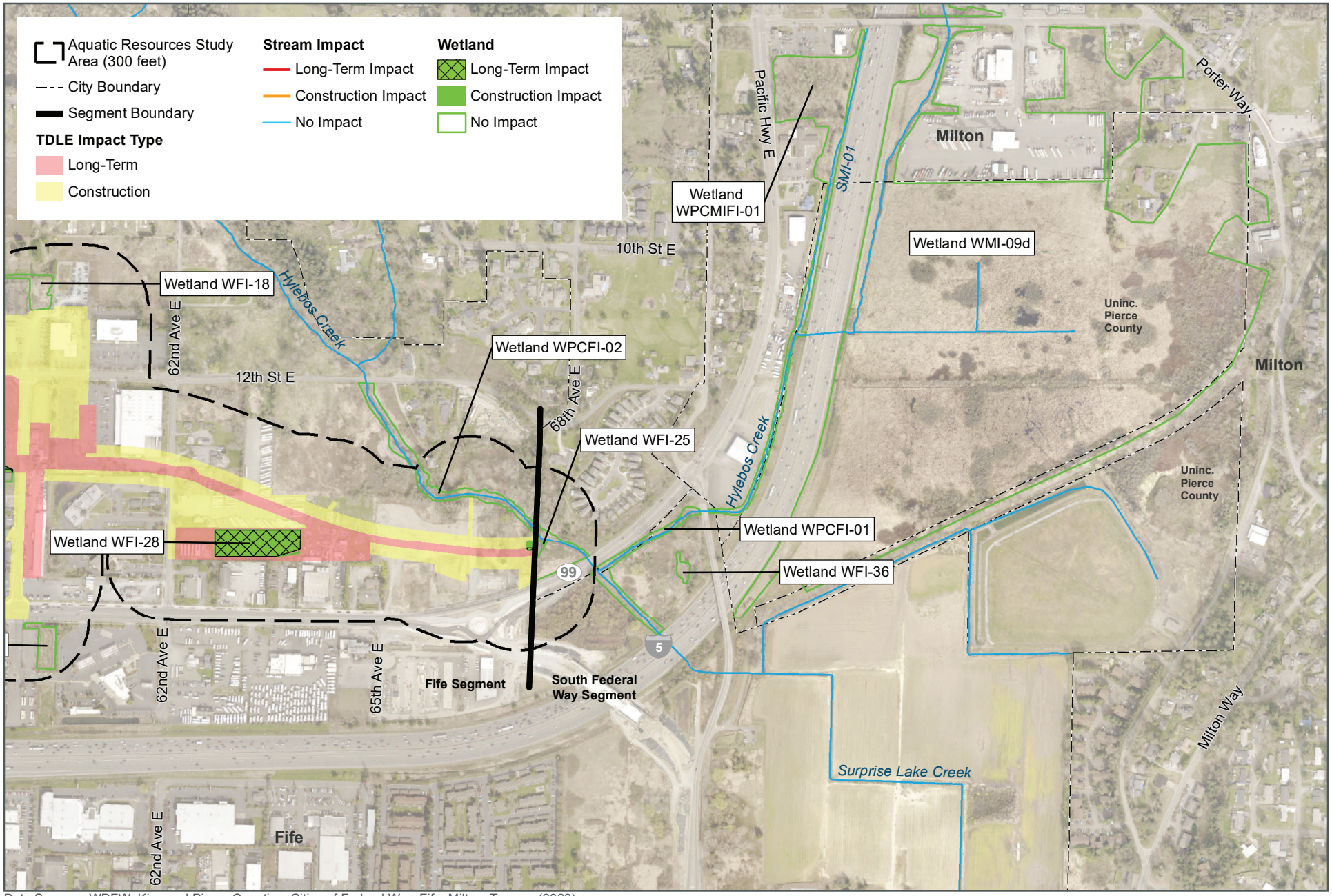

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-6A
Wetland and Stream Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

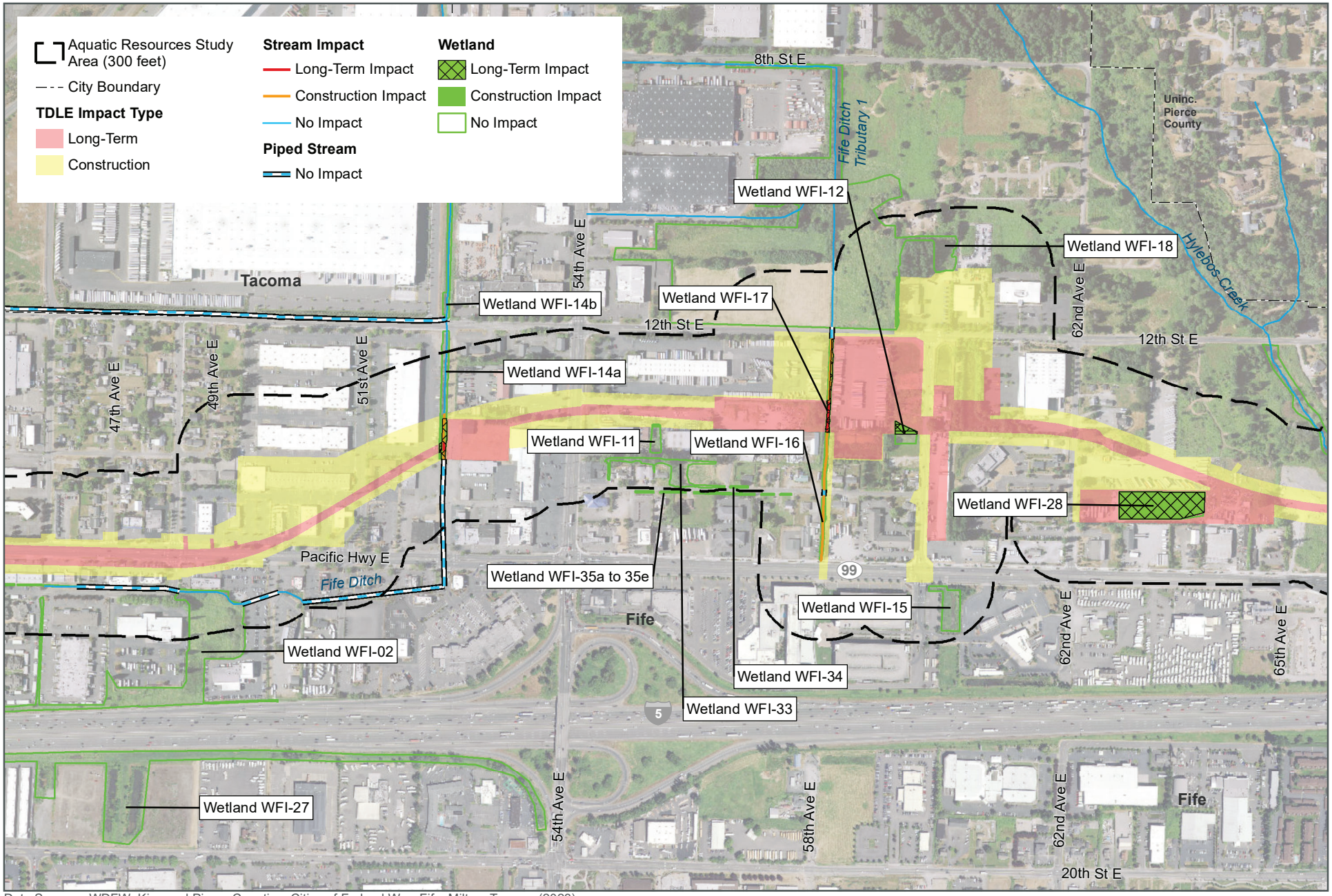

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-6B
Wetland and Stream Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

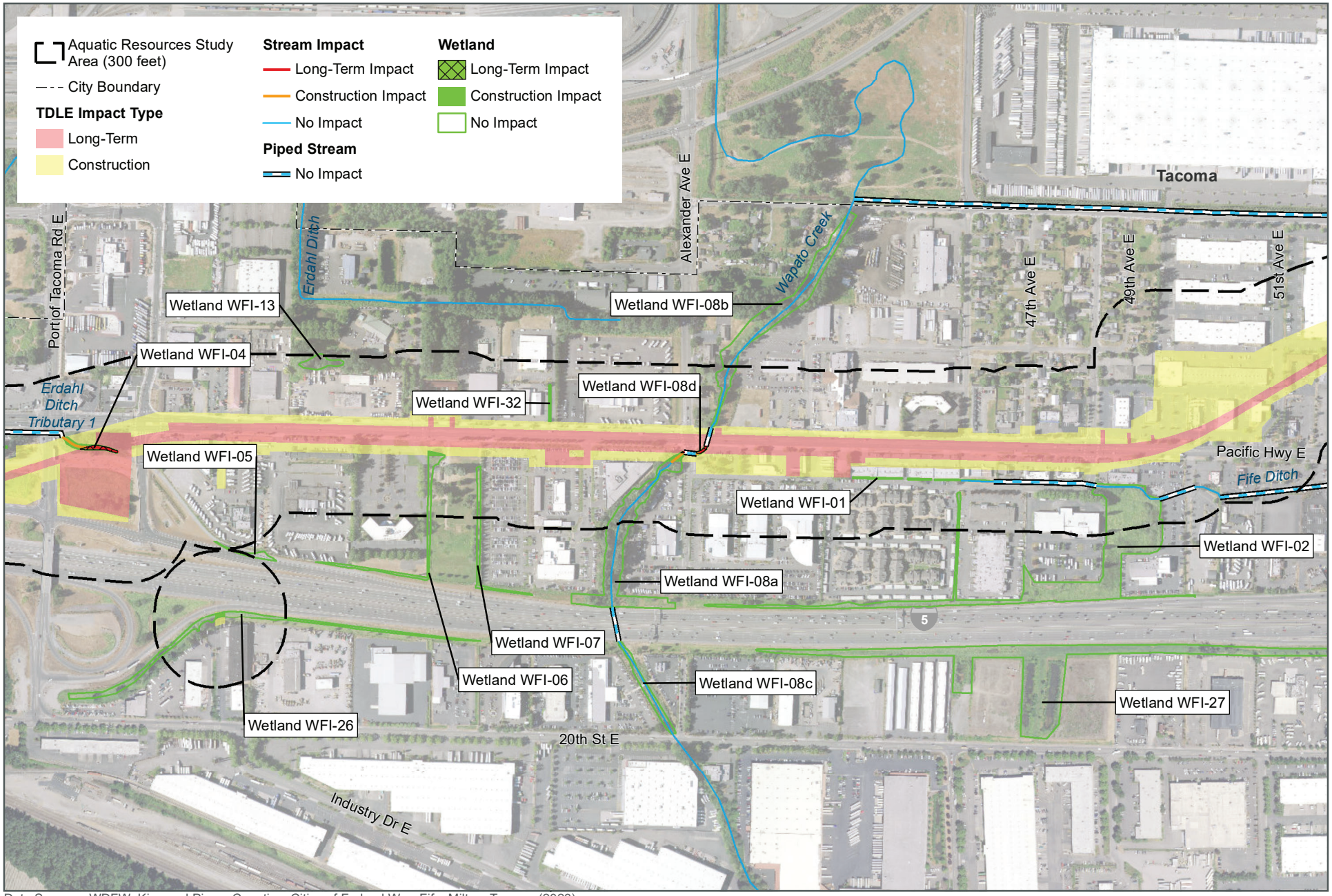

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-6C
Wetland and Stream Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

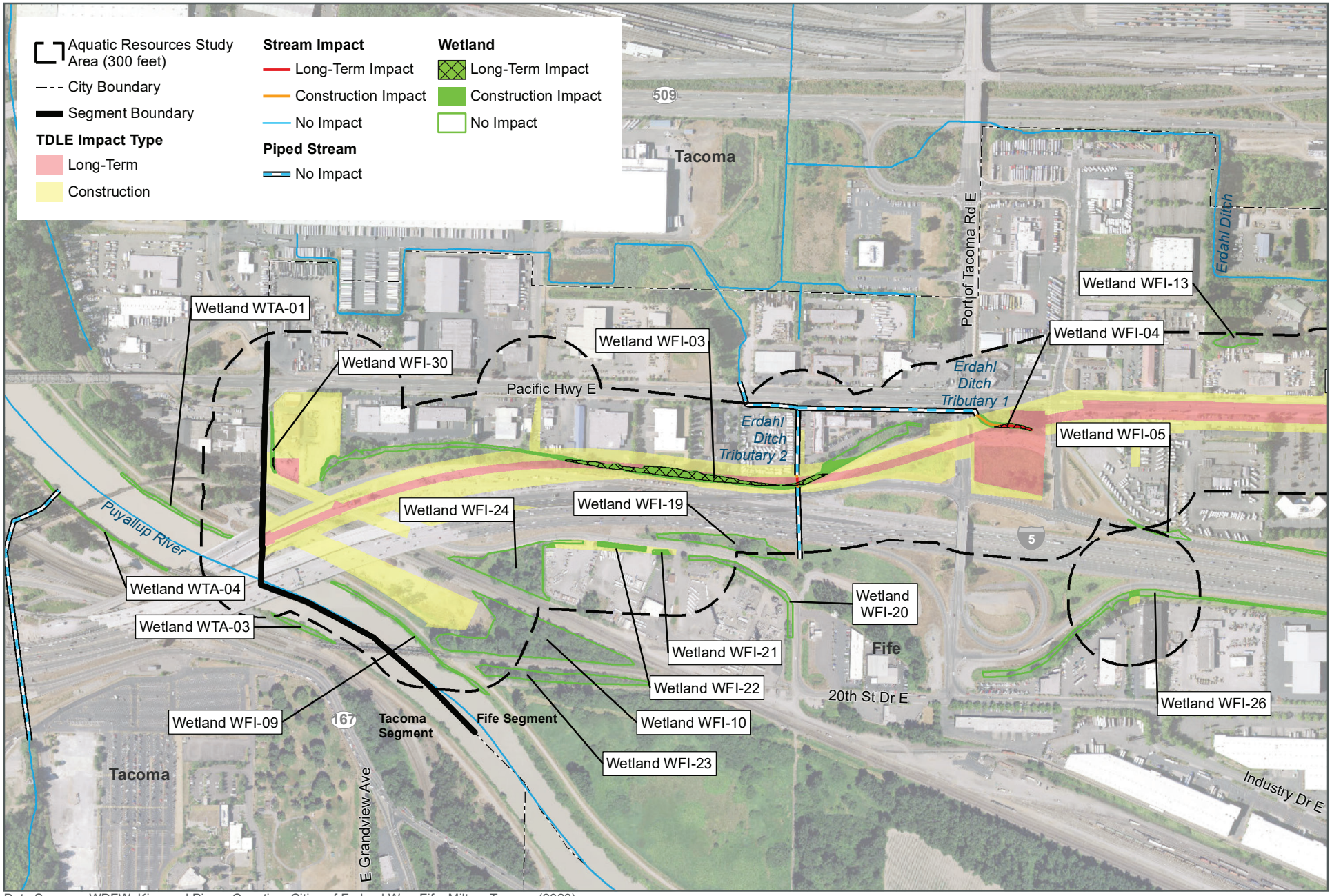

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-6D
Wetland and Stream Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

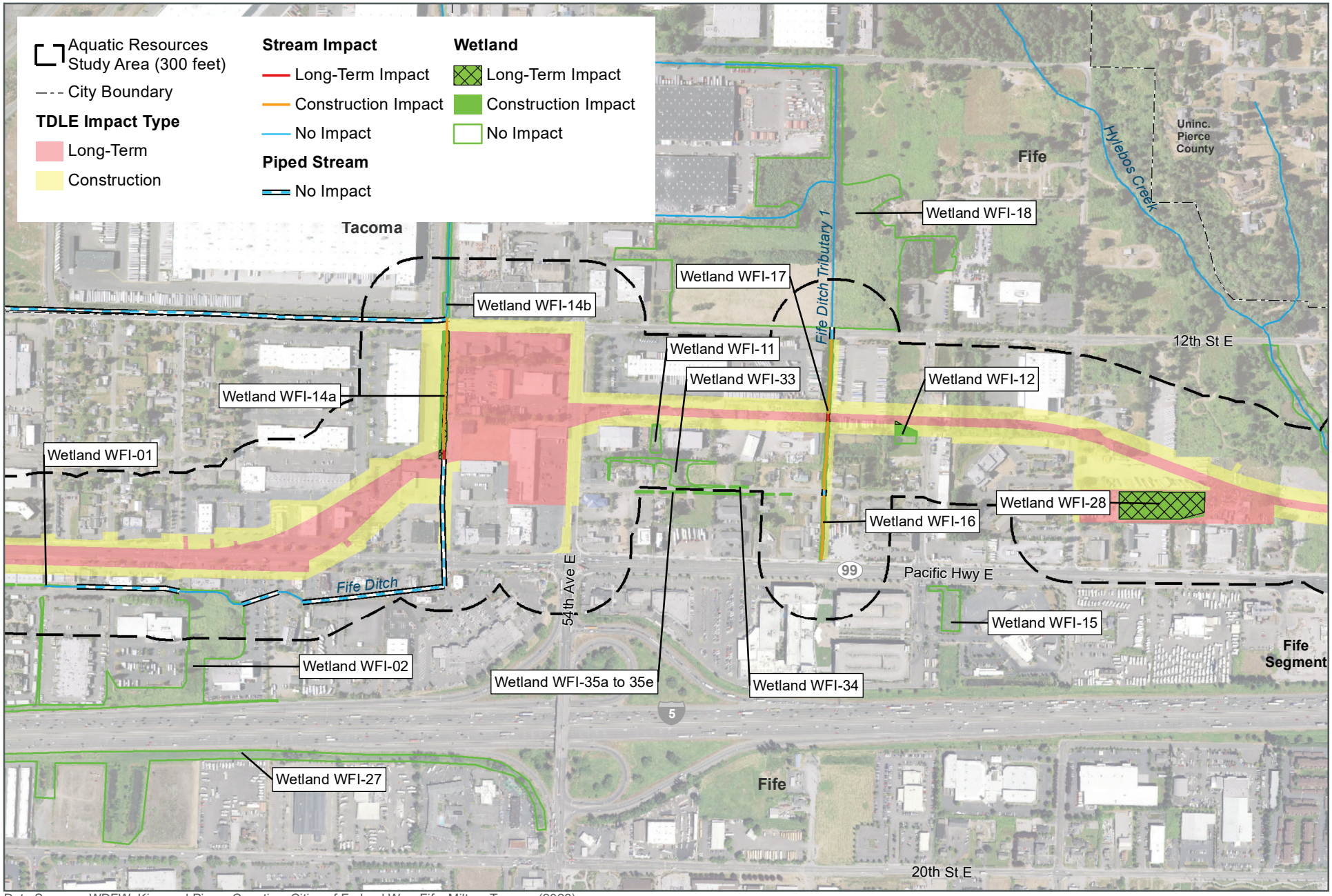

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-6E

Wetlands and Stream Impacts

Fife Pacific Highway Alternative 54th Avenue Design Option

Tacoma Dome Link Extension

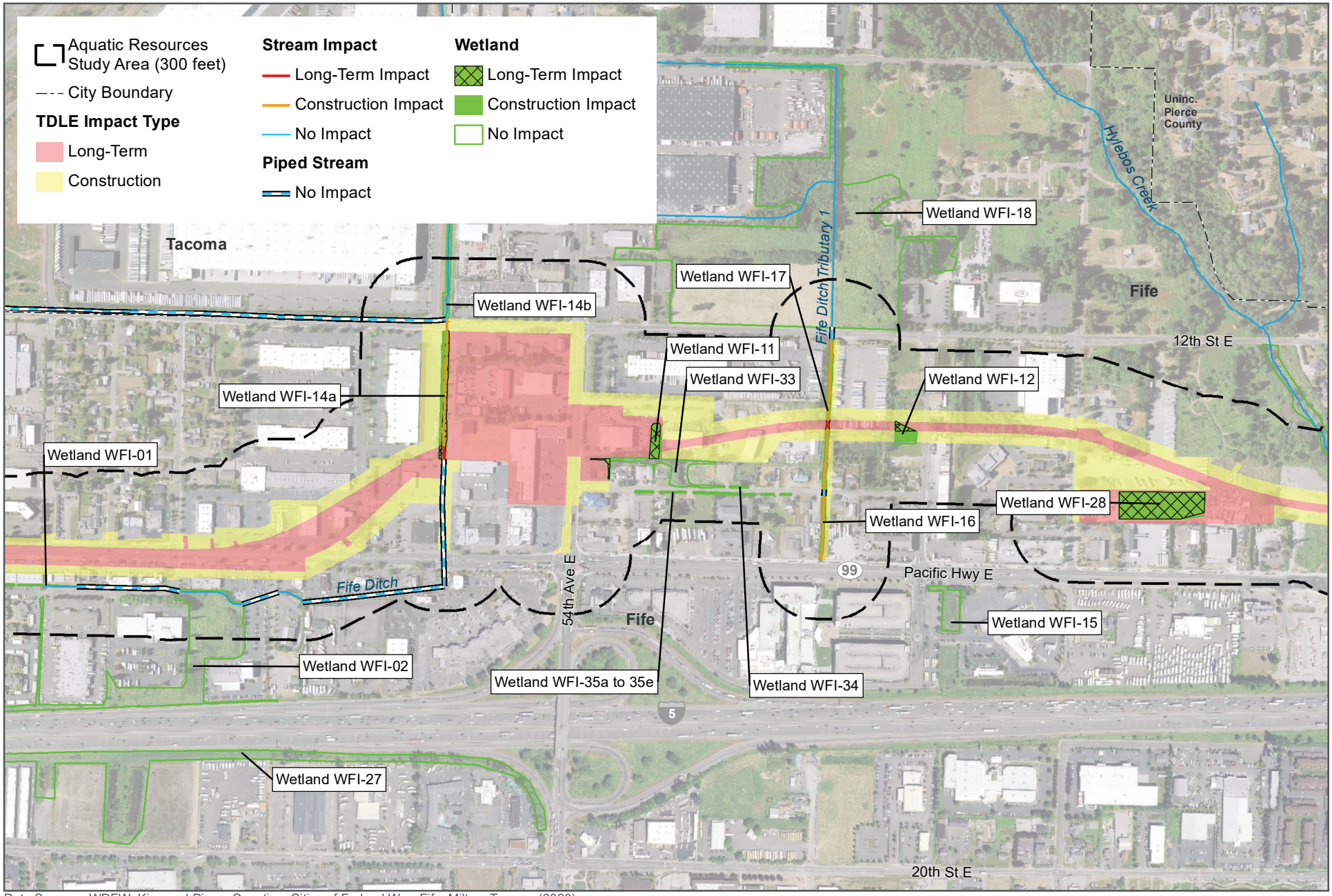

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-6F

Wetland and Stream Impacts

Fife Pacific Highway Alternative 54th Span Design Option

Tacoma Dome Link Extension

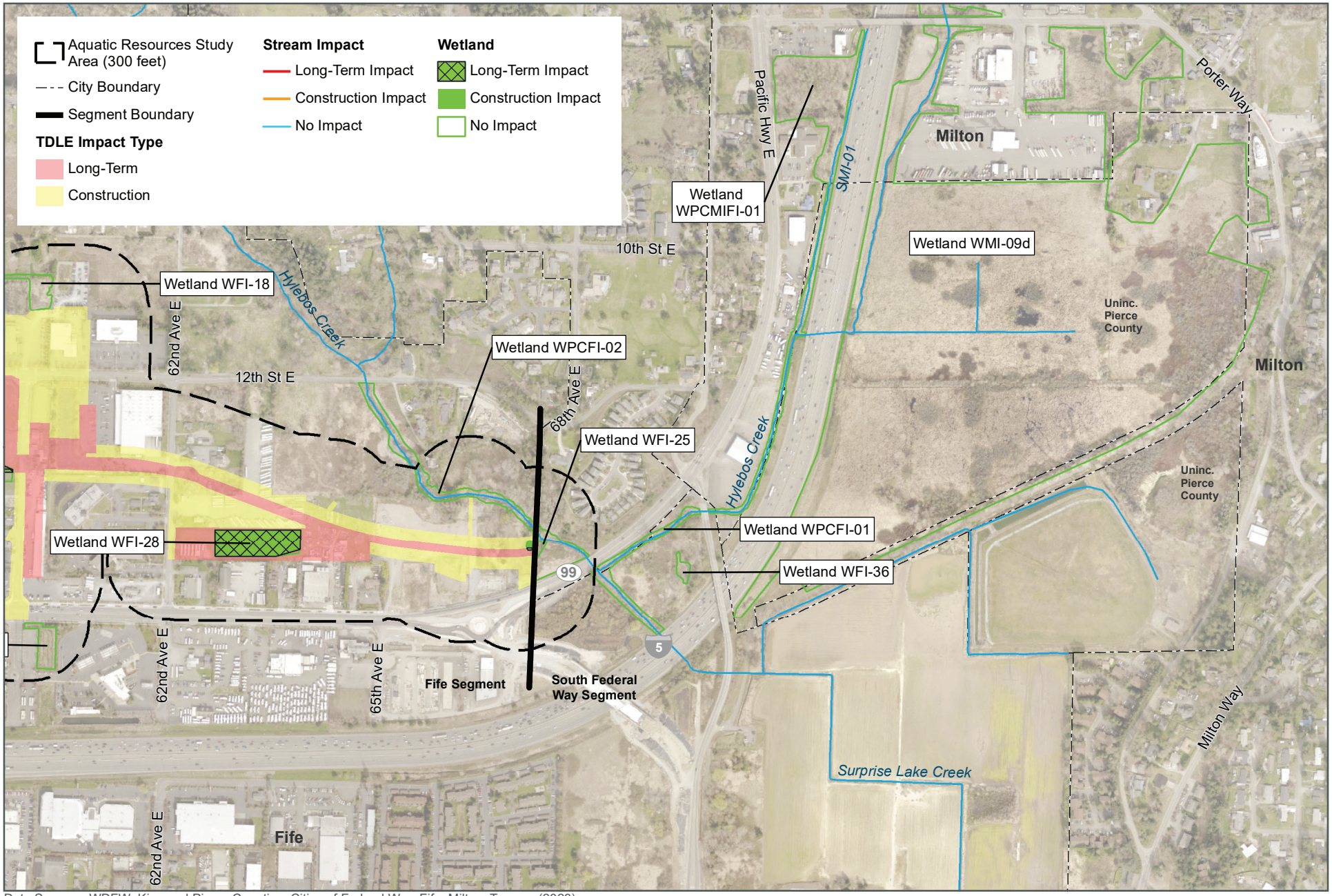

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-7A
Wetland and Stream Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

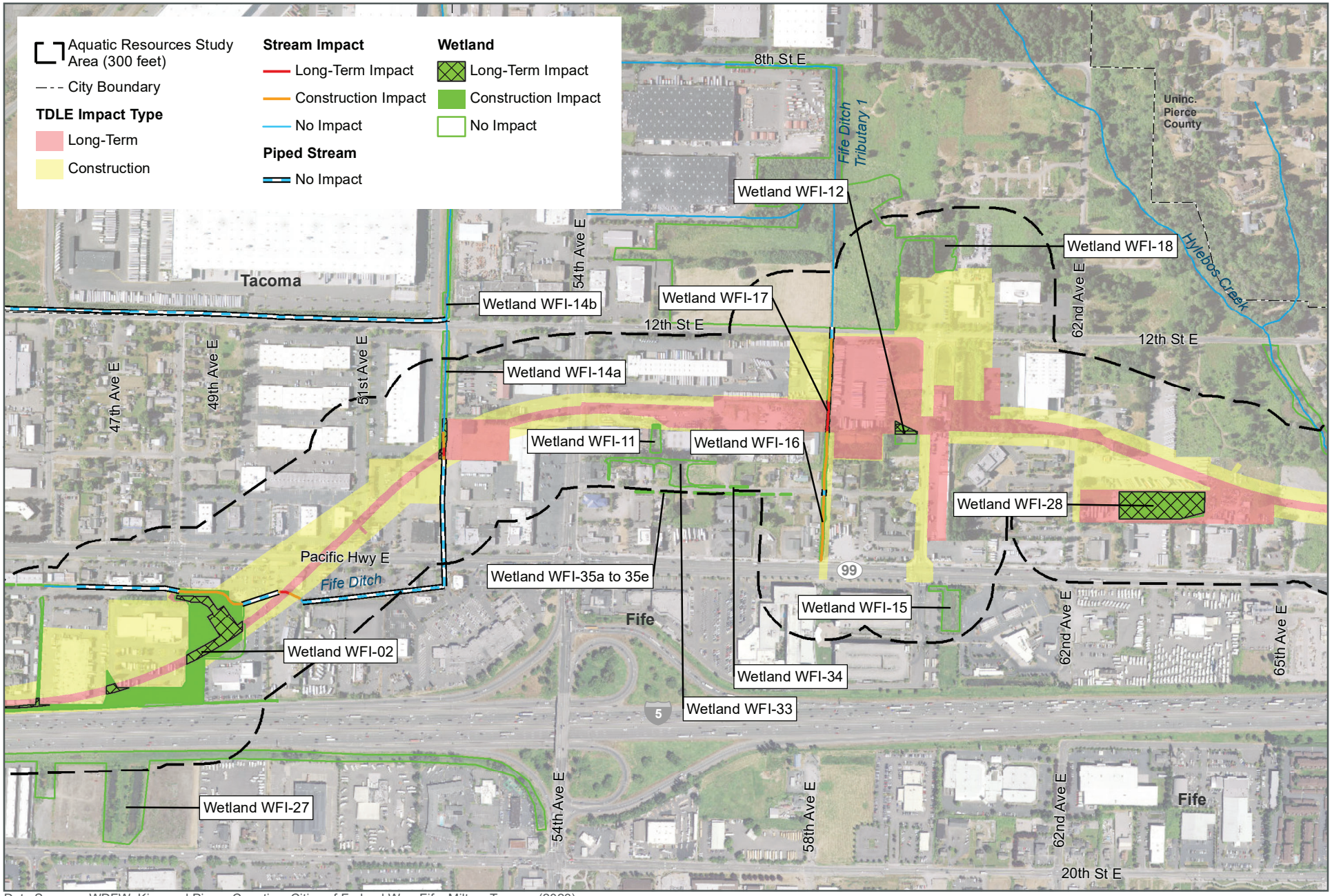

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-7B
Wetland and Stream Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

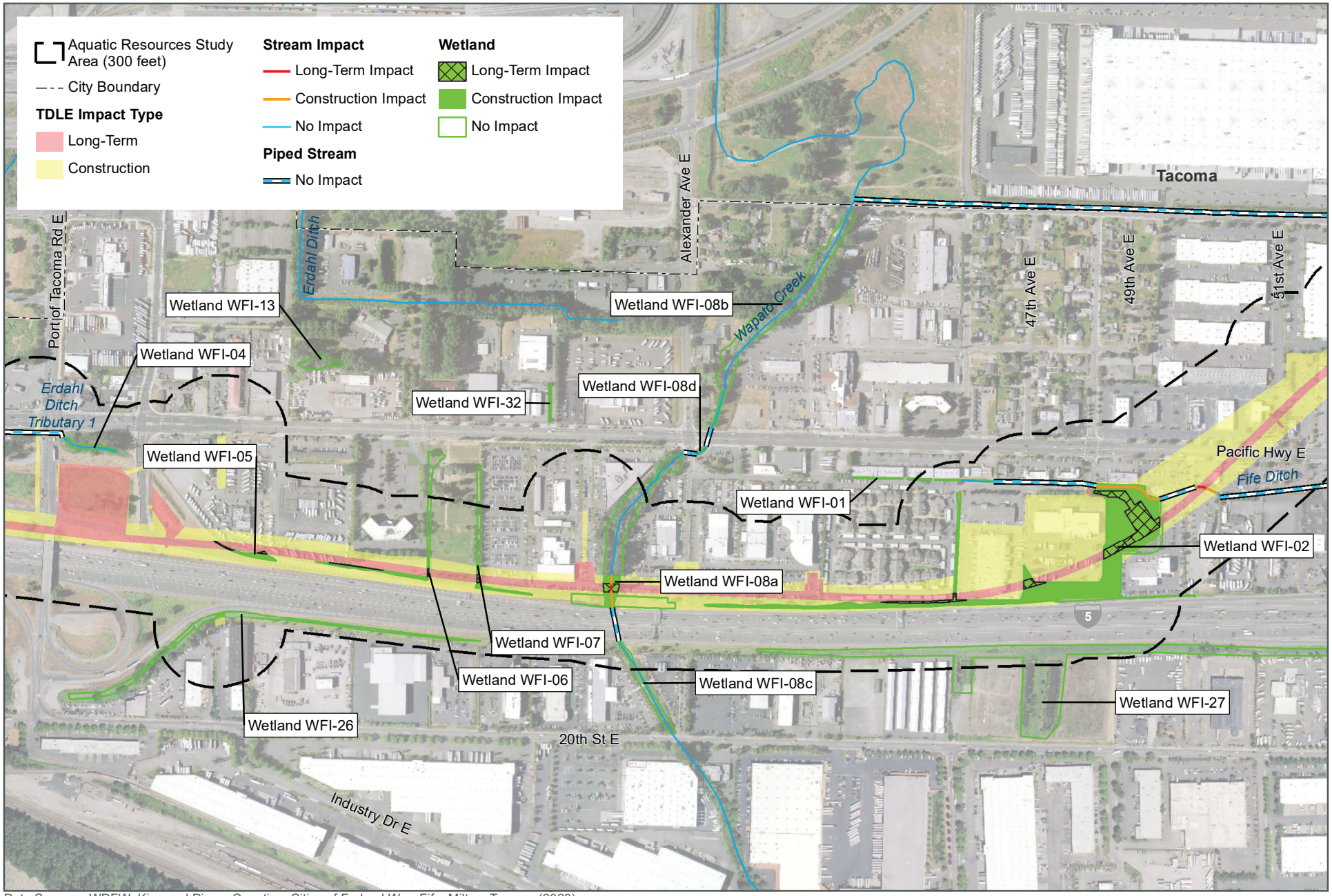

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-7C
Wetland and Stream Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

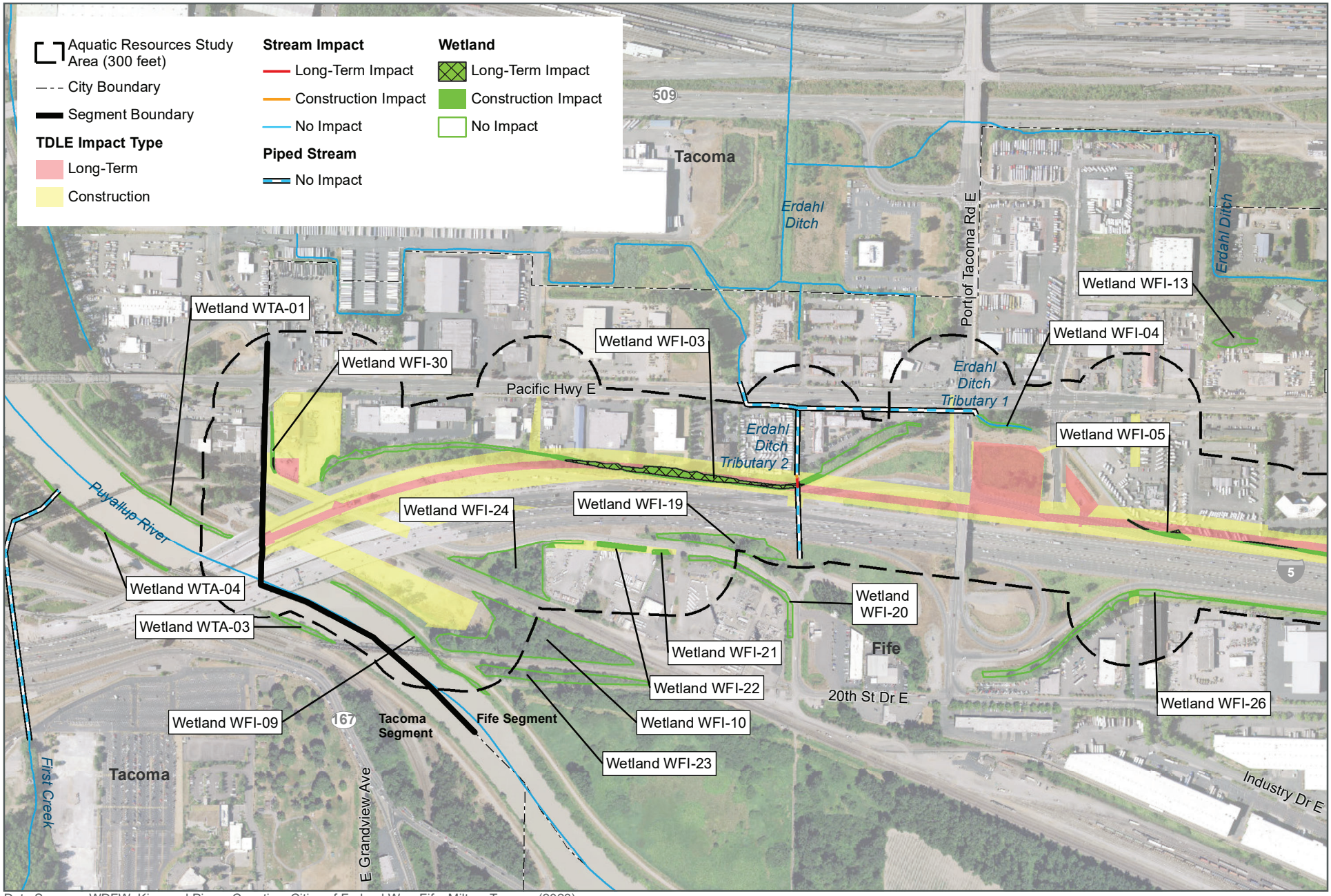

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-7D
Wetland and Stream Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

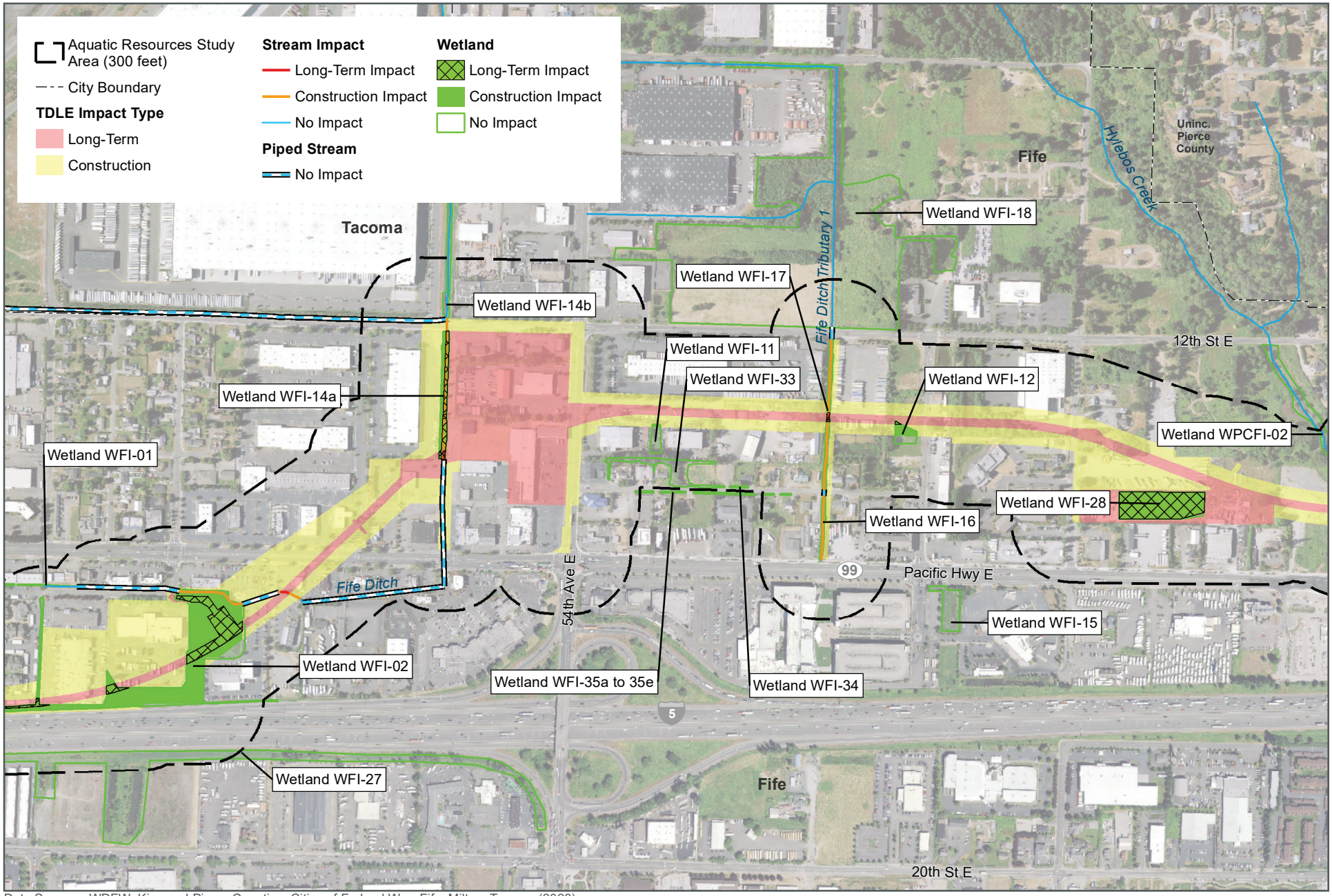

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-7E
Wetland and Stream Impacts
Fife I-5 Alternative 54th Avenue Design Option
Tacoma Dome Link Extension

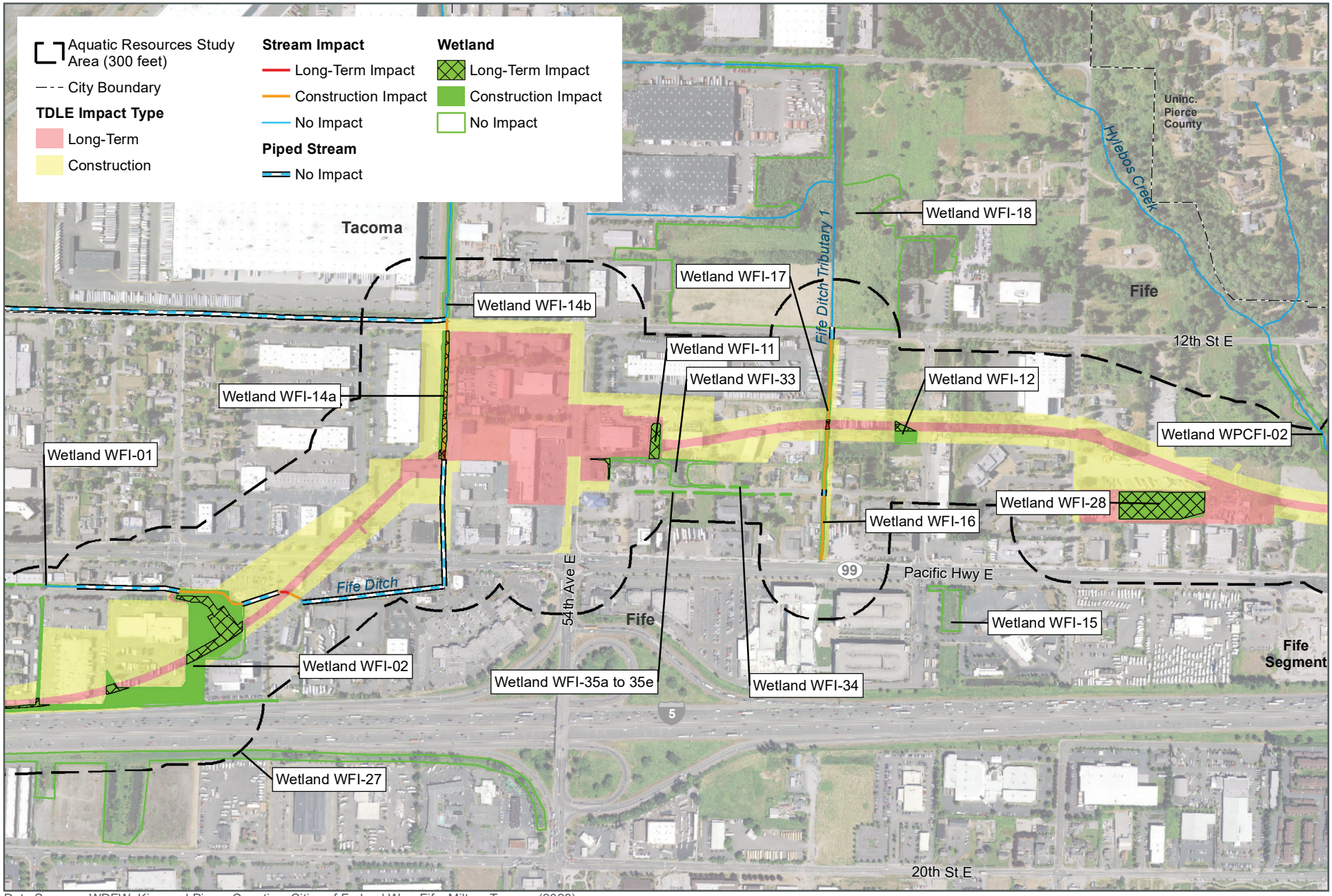

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-7F

Wetland and Stream Impacts

Fife I-5 Alternative 54th Span Design Option

Tacoma Dome Link Extension

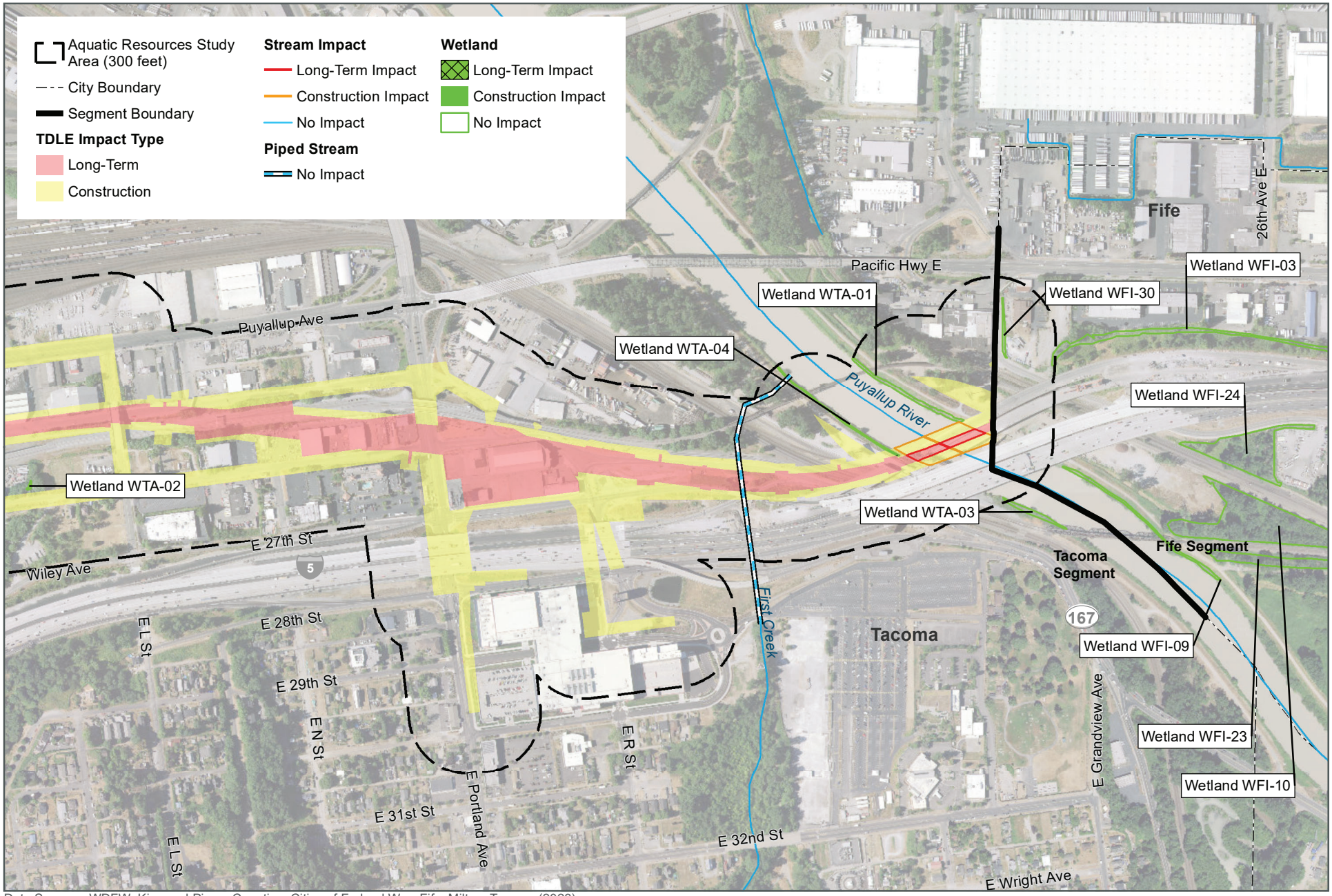

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-8A

Wetlands and Stream Impacts

Preferred Tacoma 25th Street-West Alternative

Tacoma Dome Link Extension

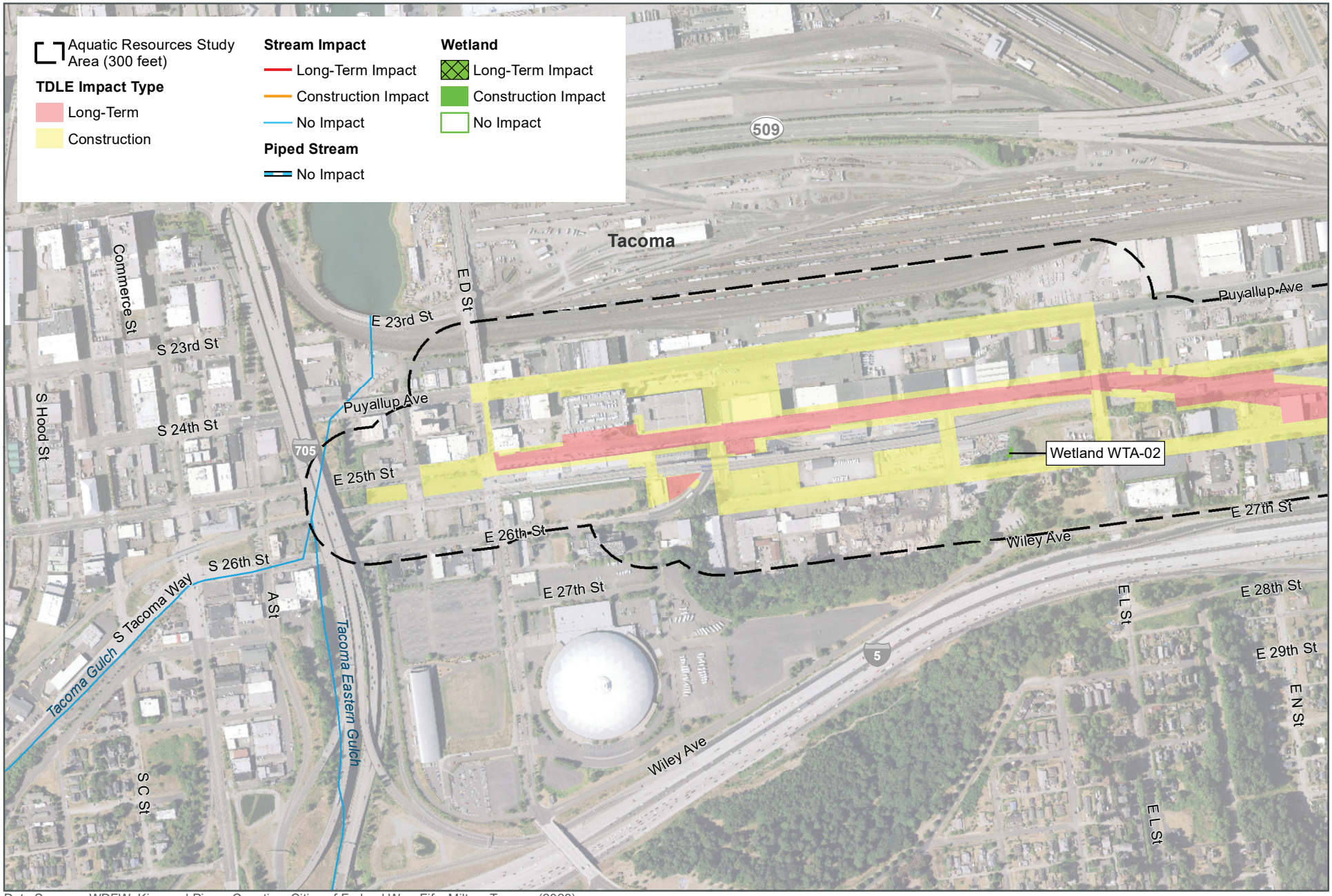

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-8B

Wetlands and Stream Impacts

Preferred Tacoma 25th Street-West Alternative

Tacoma Dome Link Extension

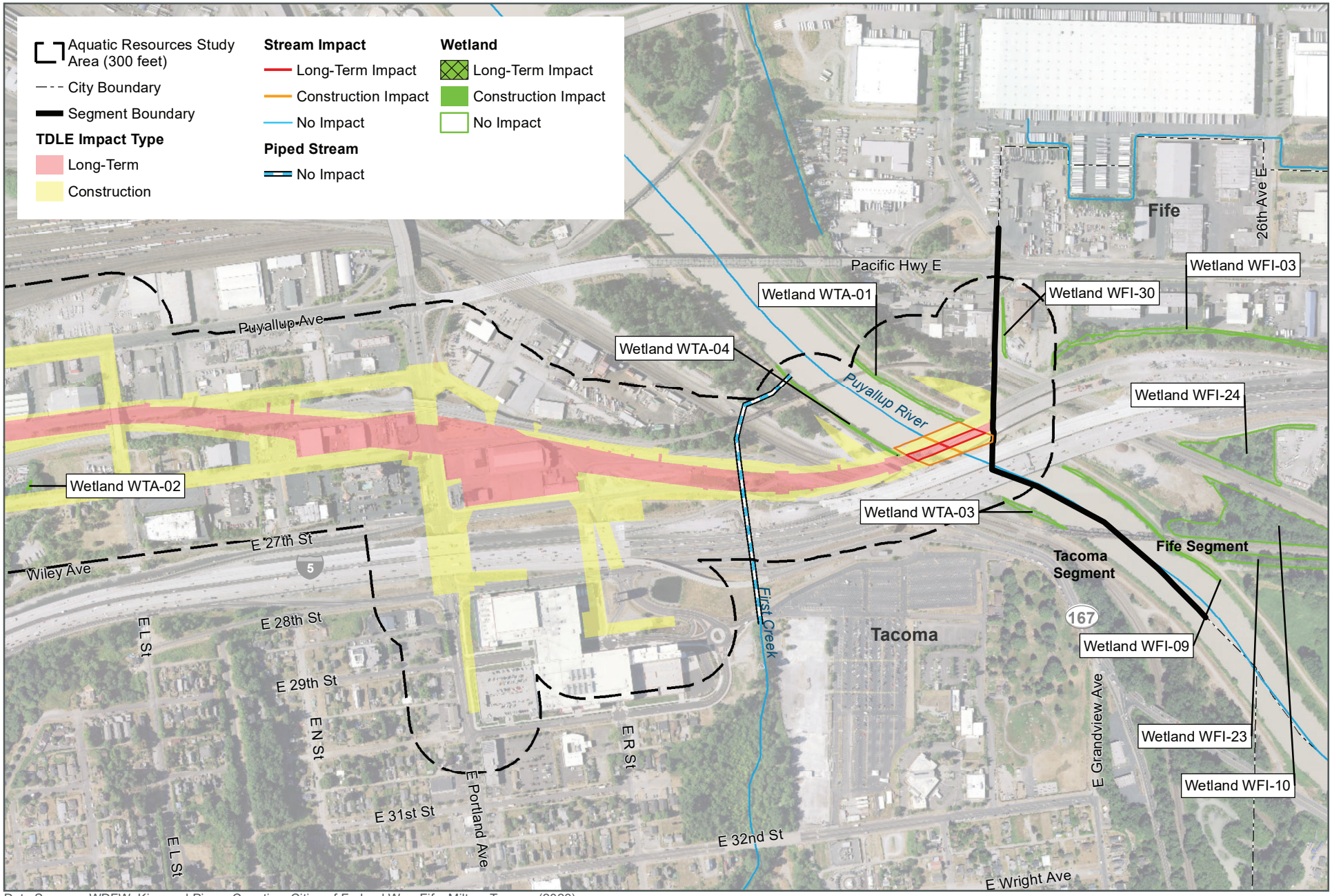

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-9A
Wetlands and Streams Impacts
Tacoma 25th Street-East Alternative
Tacoma Dome Link Extension

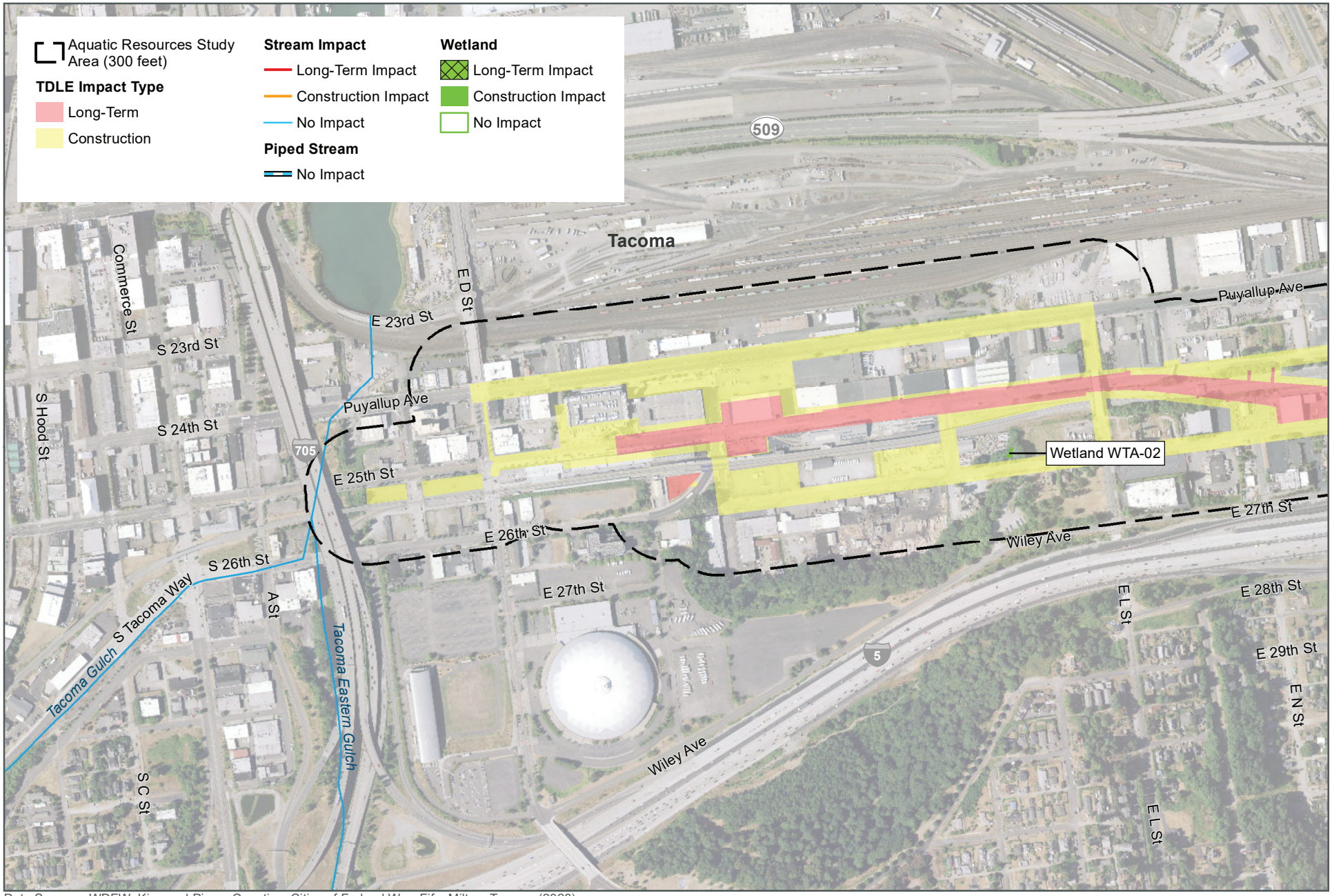

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-9B
Wetlands and Streams Impacts
Tacoma 25th Street-East Alternative
Tacoma Dome Link Extension

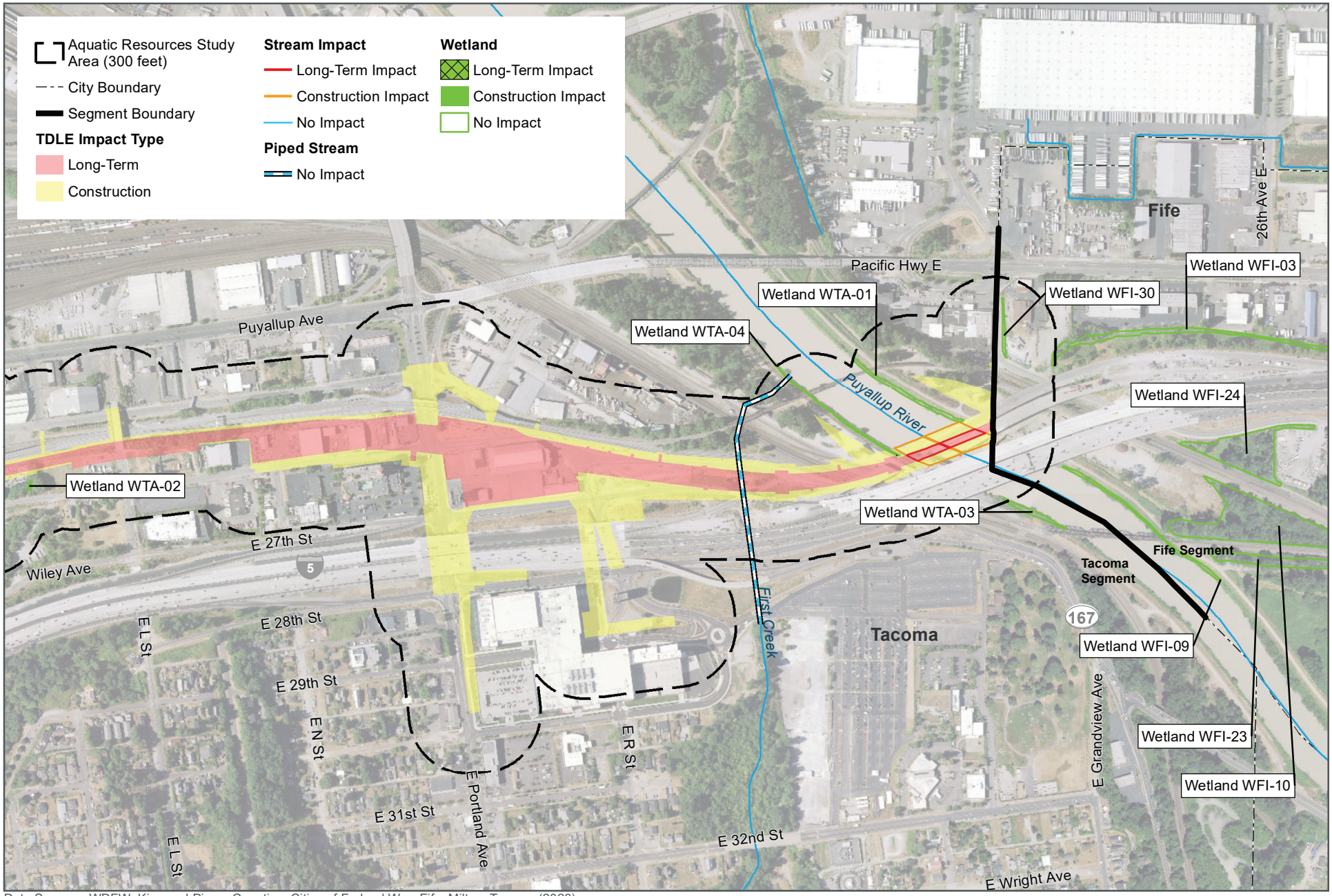

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-10A
Wetland and Stream Impacts
Tacoma Close to Sounder Alternative
Tacoma Dome Link Extension

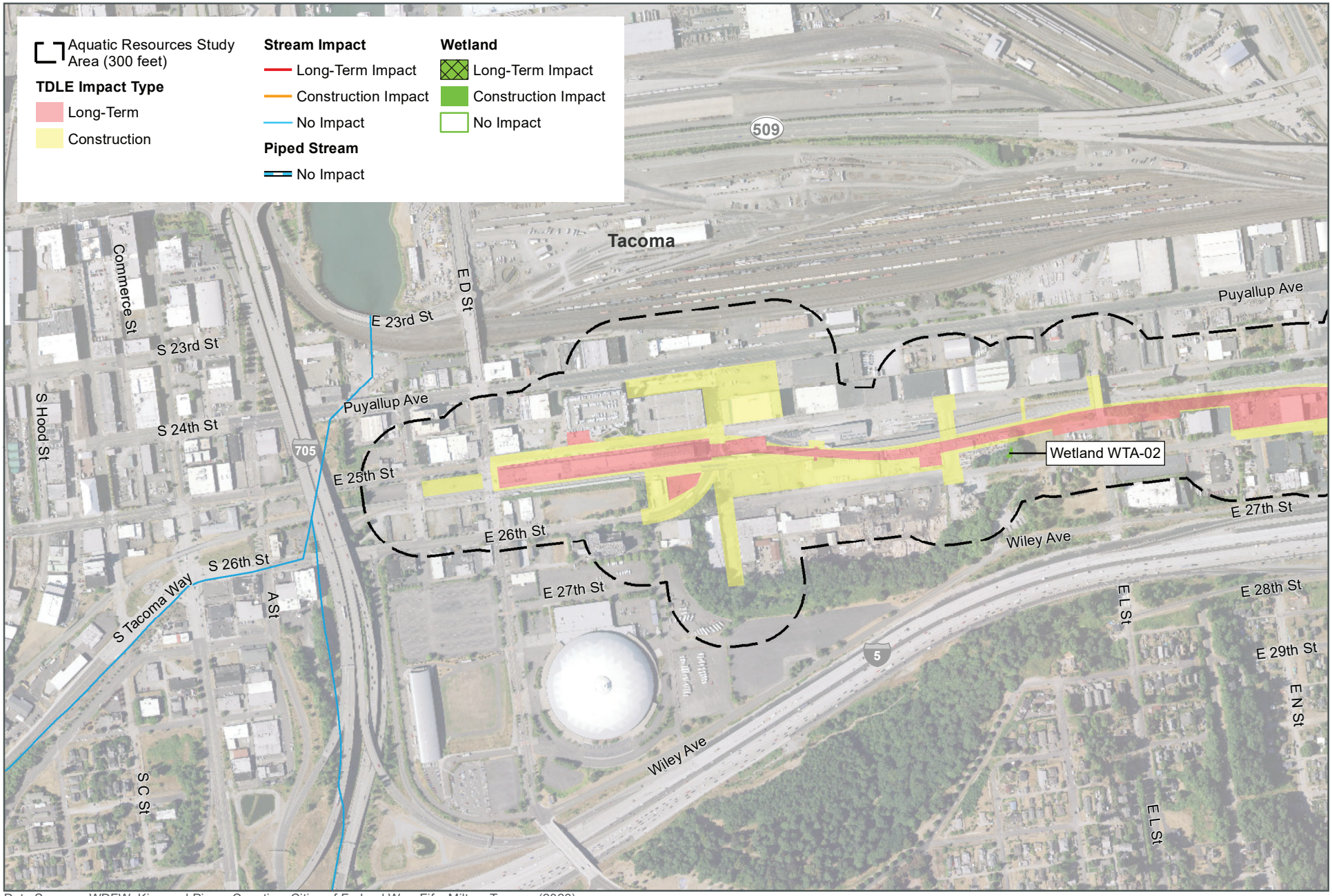

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-10B
Wetland and Stream Impacts
Tacoma Close to Sounder Alternative
Tacoma Dome Link Extension

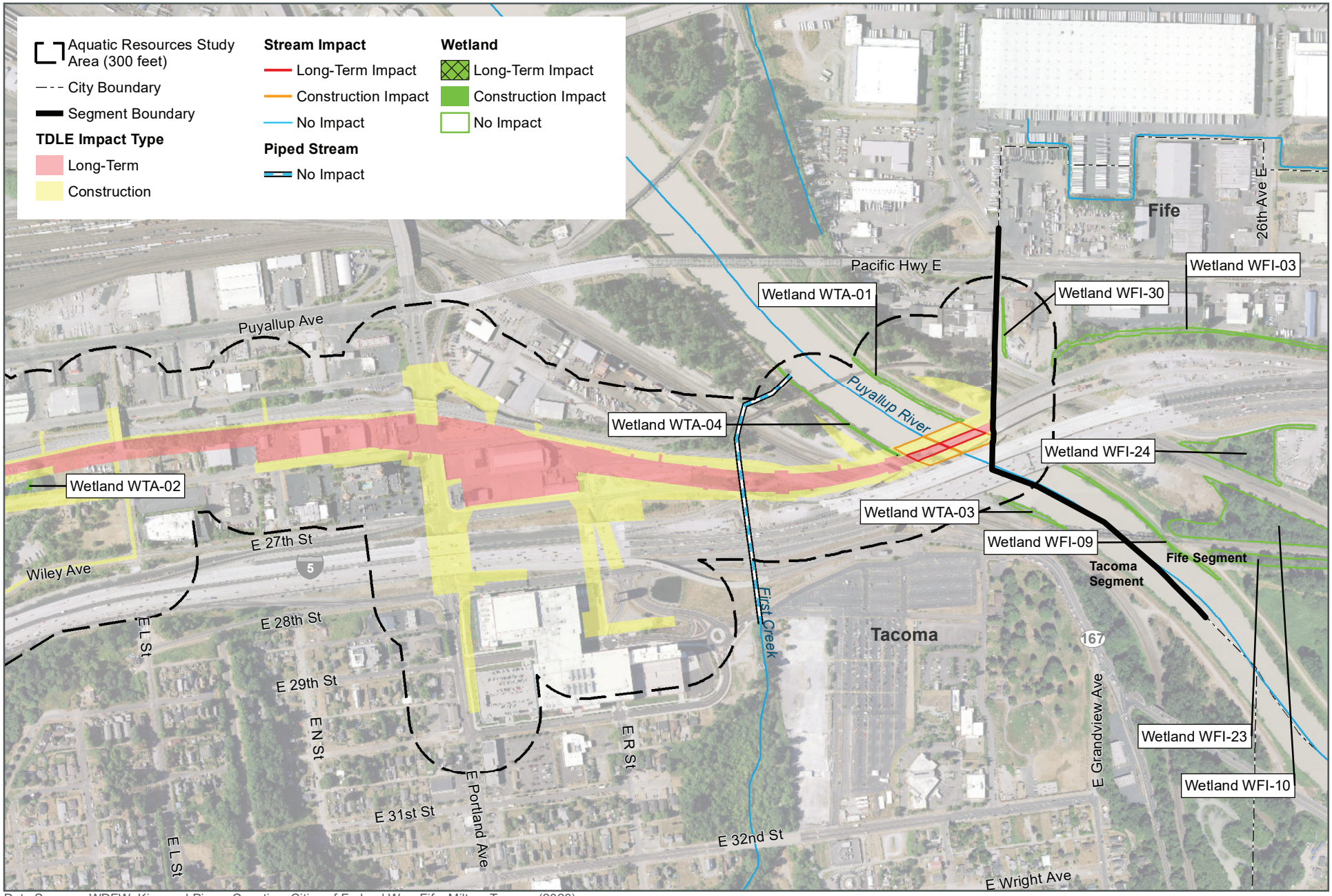

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-11A
Wetland and Stream Impacts
Tacoma 26th Street Alternative
Tacoma Dome Link Extension

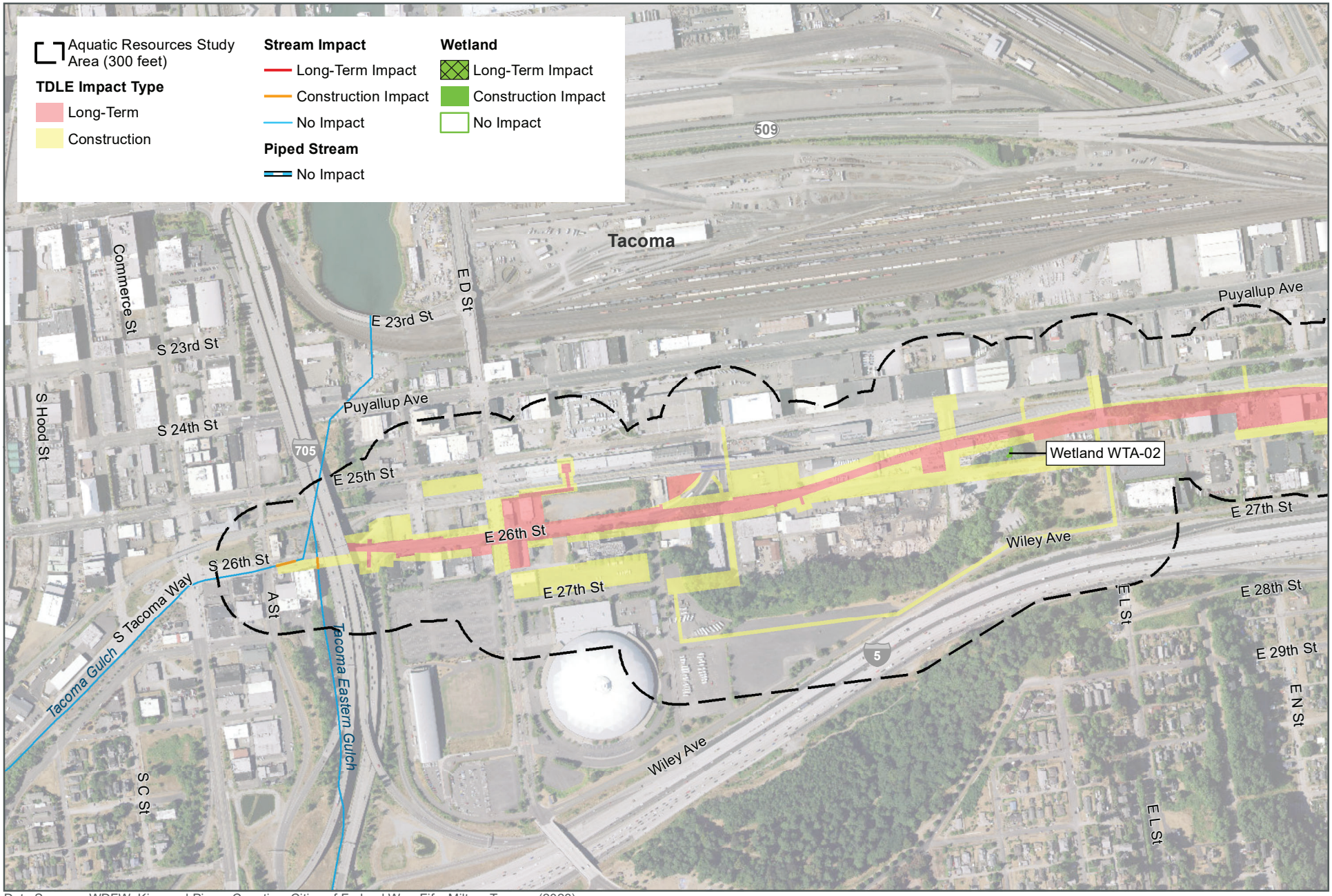

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-11B
Wetland and Stream Impacts
Tacoma 26th Street Alternative
Tacoma Dome Link Extension

Table J4.4-1 Potential Long-Term Impacts on Aquatic Resources by Alternative

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Federal Way Segment				
Preferred FW Enchanted Parkway	Type F: 900 linear feet	East Fork Hylebos Creek Tributary 0016A	2.0	East Fork Hylebos Creek Tributary 0016A
Preferred FW Enchanted Parkway with Design Option	Type F: 1,000 linear feet	East Fork Hylebos Creek Tributary 0016A	2.6	East Fork Hylebos Creek Tributary 0016A
South Federal Way Segment				
SF Enchanted Parkway	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	2.8	Hylebos Creek East Fork Hylebos Creek Tributary 0016A SFW-01 West Fork Hylebos Creek SMI-01
	Type F: 100 linear feet (0.03 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek		
SF I-5	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	5.6	Hylebos Creek East Fork Hylebos Creek Tributary 0016A SFW-01 West Fork Hylebos Creek SMI-01
	Type F: 900 linear feet (0.03 acres for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek		
SF 99-West	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	3.7	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 200 linear feet (0.02 acres for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek		
	Type Ns: 350 linear feet	SFW-02 SMI-03		
SF 99-West with Porter Way Design Option	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	4.3	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 350 linear feet (0.12 acre for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SMI-02		
	Type Ns: 350 linear feet	SFW-02 SMI-03		

Table J4.4-1 Potential Long-Term Impacts on Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
SF 99-East	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	4.3	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SMI-03
	Type F: 300 linear feet (0.01 acres for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02		
	Type Ns: 250 linear feet	SMI-03		
SF 99-East with Porter Way Design Option	Type S: 50 linear feet (0.02 acre)	Hylebos Creek	4.7	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SMI-03
	Type F: 400 linear feet (0.11 acre of impact for West Fork Hylebos Creek)	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-02		
	Type Ns: 250 linear feet	SMI-03		
Fife Segment				
Fife Pacific Highway/ Fife Median	Type F: 50 linear feet	Wapato Creek	0.2	Hylebos Creek Wapato Creek
	Type Np 400 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		
Fife Pacific Highway/ Fife Median with 54th Avenue Design Option	Type F: 50 linear feet	Wapato Creek	0.2	Hylebos Creek Wapato Creek
	Type Np 300 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		

Table J4.4-1 Potential Long-Term Impacts on Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Fife Pacific Highway/ Fife Median with 54th Avenue Span Design Option	Type F: 50 linear feet	Wapato Creek	0.2	Hylebos Creek Wapato Creek
	Type Np 300 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		
Fife I-5	Type F: 50 linear feet	Wapato Creek	0.2	Hylebos Creek Wapato Creek
	Type Np 300 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 2		
Fife I-5 with either 54th Avenue Design Option[(5)]	Type F: 50 linear feet	Wapato Creek	0.2	Hylebos Creek Wapato Creek
	Type Np 200 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 2		
Tacoma Segment[4]				
Preferred Tacoma 25th Street-West	Type S: 0.4 acre	Puyallup River	0.1	Puyallup River
Tacoma 25th Street-East	Type S: 0.4 acre	Puyallup River	0.1	Puyallup River
Tacoma Close to Sounder	Type S: 0.4 acre	Puyallup River	0.1	Puyallup River
Tacoma 26th Street	Type S: 0.4 acre	Puyallup River	0.1	Puyallup River

Notes:

(1) Impacts on most streams are reported as the length of the stream's centerline that falls within the permanent impact footprint, rounded to the nearest 50 linear feet. Based on the size and breadth of the Puyallup River, impacts on that watercourse are reported as the area (in acres) of the river that falls within the permanent impact footprint. The values in this table do not necessarily represent actual anticipated impacts, such as filling stream channels or enclosing them in pipes. Instead, these values indicate the relative degree of potential impacts on streams and stream buffers. See text for discussion.

(2) Stream typing in accordance with WAC 222-16-030.

(3) Buffer impact values represent all affected areas inside functional stream buffers, including areas that overlap wetland buffers.

(4) Under any of the Tacoma Segment alternatives, the design options for the bridge crossing the Puyallup River would have different impacts that are not reflected in the permanent impact footprint. See text for discussion.

Fish Passage

This analysis considers impacts that could affect the potential availability and accessibility of stream habitats in the future if access is restored through the removal of downstream fish passage barriers.

If existing culverts must be modified or replaced to accommodate new light rail facilities, or if new culverts need to be installed, the new or replacement structures would be designed and installed in accordance with WDFW's Water Crossing Design Guidelines (Barnard et al. 2013) and with WDFW's climate change guidance for water crossings (Wilhere et al. 2016). Decisions about culvert design would be based on the assumption that all surface-flowing stream segments in the study area have the potential to support fish use in the future. As such, culverts replaced for project construction would not be expected to impede fish access through the study area in the future, if access is restored in the future through the removal of downstream fish passage barriers. In addition, Sound Transit would coordinate with WSDOT to ensure that the development of TDLE provides adequate space for any future replacement of WSDOT-owned culverts that are currently barriers to fish passage.

Riparian Vegetation Removal and Habitat Alteration

Comparisons of the impacts on riparian habitat between the alternatives are based on the overlap between the project limits[6] and functional stream buffers. As discussed in Section 2.5.1, functional stream buffers are defined as standard regulatory buffers for streams that have been trimmed at the edge of developed areas. For the 20 streams addressed in this analysis, these functional buffers extend 30 to 165 feet from surface-flowing stream segments. It is widely recognized that the loss of forest habitat can adversely affect riparian functions — the recruitment of wood in particular (Knutson and Naef 1997). However, some riparian areas in the study area are interrupted by roads, buildings, and industrial uses that reduce the capacity of riparian functions and processes.

Where the permanent impact footprint overlaps a stream's riparian buffer, the ecological function of that buffer would be diminished or eliminated. Substantial decreases in current riparian function would occur where areas of tree or shrub cover in a stream's riparian zone are converted to facilities or to vegetation types (e.g., lawns, ornamental landscaping) with less structural or compositional diversity. Where riparian vegetation, regardless of current condition, is removed altogether, potential future riparian functions would be eliminated. Potentially affected riparian functions and processes include fish and wildlife habitat provision; food chain support; water temperature maintenance; infiltration; groundwater recharge and discharge; sediment delivery, transport, and storage; organic matter input; nutrient and pathogen removal; and stream channel formation and maintenance. In all four TDLE project segments, none of the alternatives would entail the construction of at-grade guideways immediately adjacent to streams or their associated riparian areas.

Permanent project-related impacts on riparian habitat would also occur where elevated guideways span areas of riparian vegetation. For operational safety, trees and other tall vegetation would not be allowed to grow near track segments. Where elevated structures are built over critical areas and buffers, disturbed areas would be revegetated with native species. Where the track alignments pass through areas with trees and tall shrubs, vegetation would be converted to short-statured shrubs and herbaceous vegetation. Trees and other tall vegetation underneath and within 15 feet of elevated track segments would be permanently cleared for construction and maintained with low-stature vegetation for track safety. In addition, the long-term presence of structures above vegetation would reduce the amount of water the vegetation receives from precipitation. Finally, elevated structures with low clearance (generally, less than 15 feet) would limit sunlight. In some areas, vegetation cleared from beneath such structures may not grow back. The presence of elevated structures would preclude the development of forest habitat in such areas, reducing the potential for the recruitment of LWD to

[6] This would include areas within the 15-foot zone that would be cleared and maintained on either side of the guideway.

nearby streams. Because the elevated structures would be relatively narrow (typically 20 to 30 feet wide) and generally more than 15 feet above the ground surface, shading impacts on riparian vegetation would be limited.

Under the project alternatives, Sound Transit would use native vegetation to replant areas temporarily disturbed by construction. At sites where riparian zones are currently dominated by non-native species, the reintroduction of native vegetation could lead to long-term improvements in riparian habitat conditions.

Water Quality/Quantity

The development of any of the project alternatives would entail the creation of new impervious surfaces and the replacement of existing impervious surfaces. New impervious surfaces would include light rail stations, parking areas, new tracks and guideways, and roadways used for emergency or maintenance access. In some cases, these new surfaces would replace a mix of existing impervious and pervious surfaces. In other cases, new paved surfaces would replace existing vegetated areas, some of which are forested. Impervious surfaces are associated with negative effects on receiving waters, affecting water quality and flow regimes, which in turn can have negative effects on aquatic life and aquatic habitat.

The study area currently includes large amounts of pollution-generating impervious surfaces (PGIS), primarily parking lots and access roads that were developed before modern stormwater management requirements were in place. Stormwater runoff from these sites currently receives little or no detention or treatment. Development of light rail facilities in most areas would replace some existing untreated PGIS with fully detained and treated PGIS, increasing the amount of PGIS receiving treatment.

Under any of the build alternatives, runoff from impervious surfaces created or replaced for construction and operation of TDLE would be detained and/or treated, as appropriate, in accordance with the Sound Transit Design Criteria Manual and applicable local, state, and federal requirements. Appropriate treatment of runoff from PGIS would reduce the concentration of contaminants that enter receiving waters. However, water that passes through stormwater management facilities may still contain contaminants (albeit in reduced concentrations) that can harm fish in receiving waters. These contaminants could extend a considerable distance downstream, potentially affecting fish, including ESA-listed species, in stream reaches outside of the study area.

Recent research has found 6PPD-quinone, a contaminant found in runoff from highways or roadways, to be a major contributor to pre-spawning mortality in coho salmon (Tian et al. 2021). 6PPD-quinone is a chemical associated with tire dust. Other harmful contaminants in stormwater runoff include polycyclic aromatic hydrocarbons, which have been found to cause reduced growth, increased susceptibility to infection, and increased mortality in salmonids (Meador et al. 2006; Varanasi et al. 1993). Another common component of stormwater runoff is copper, which can impair the olfactory system of salmonids and hinder their predator avoidance behavior (Sandahl et al. 2007).

Ecology has evaluated the effectiveness of stormwater facilities in providing treatment that prevents or reduces the toxicity of contaminants in receiving waters (Ecology 2022). Under any of the build alternatives, treatment effectiveness would be a key consideration in the selection and design of stormwater management facilities. Stormwater ponds or a combination of vaults and ponds may be considered to provide effective treatment. Construction of stormwater ponds could result in additional impacts on streams. For example, if ponds are located in vegetated

stream buffers, pond construction could result in the temporary or permanent degradation of riparian habitat.

See EIS Section 4.8, Water Resources, for additional analysis of potential impacts on water quality.

Based on Sound Transit's commitment to design the proposed project to meet all applicable stormwater management requirements, none of the alternatives would be expected to have long-term adverse effects on flow regimes in streams. Peak stream flows would not increase because the stormwater systems built for the proposed project would be designed to simulate predevelopment hydrology and detain/retain stormwater runoff. Additional measures to reduce stormwater runoff, such as low-impact development or other on-site measures, would be considered at a more advanced phase of project development. Based on the above, none of the alternatives would be expected to have adverse effects on aquatic species and habitat as a result of altered peak or base flows.

4.1.1.1 No-Build Alternative

The No-Build Alternative (which includes full build-out of the Sound Transit 3 System) would not have any direct long-term impacts on aquatic species or habitats in most of the study area. Conversely, implementing the No-Build Alternative would preclude potential beneficial environmental effects over the long term, such as tempering increases in motor vehicle traffic in the region and facilitating the concentration of residential and commercial growth in planned growth centers.

The No-Build Alternative includes the planned OMF South project. Under the OMF South project, ecosystem resources in the northern portion of the TDLE Federal Way Segment would be affected by construction and operation of OMF South. Effects of guideway extension for the OMF South project would include the realignment of the channel of East Fork Hylebos Creek Tributary 0016A, as well as degradation of stream functions and values as a result of decreased forest cover in the stream's riparian buffer.

Construction of the Preferred Alternative for OMF South would entail removing approximately 420 feet of East Fork Hylebos Creek Tributary 0016A near S 344th Street from culverts and restoring the stream to a surface-flowing channel. Daylighting this segment would increase the amount of aquatic habitat available in the stream system and would increase the amount of functioning aquatic and riparian habitat available in the stream system.

The planned area for WSDOT's SR 167 Completion Project intersects the TDLE study area. The SR 167 Completion Project is considered part of the No-Build Alternative and is currently under construction. The SR 167 Completion Project includes the creation and/or restoration of approximately 2.6 miles of stream habitat and 110 acres of wetland and riparian buffer associated with Hylebos Creek, Surprise Lake Creek, and Wapato Creek. Based on a review of maps in the environmental reevaluation document for that project, some areas proposed for riparian habitat restoration and stream relocation fall within the TDLE study area (FHWA and WSDOT 2018).

Phase 1 of the SR 167 Completion Project will also enlarge or replace existing stream crossing structures on SMI-01, Hylebos Creek, Surprise Lake Creek, Fife Ditch Tributary 1, and Fife Ditch. The crossings on SMI-01, Hylebos Creek, and Surprise Lake Creek are in the TDLE study area. These structures will allow for continued fish passage or provide additional fish passage into stream reaches to which access is currently impeded. The new structures also provide additional movement opportunities for terrestrial wildlife, including under I-5 (FHWA and WSDOT 2018).

4.1.1.2 Federal Way Segment Alternatives

The potential long-term impacts to streams and stream buffers for alternatives in the Federal Way Segment are compared in Table J4.4-1. The alignment of the Preferred FW Enchanted Parkway Alternative would parallel East Fork Hylebos Creek Tributary 0016A for approximately 0.5 mile, from near S 336th Street to near S 344th Street. Approximately 900 linear feet of East Fork Hylebos Creek Tributary 0016A (surface-flowing) fall within the permanent impact footprint of this alternative.

The guideway in this area would be elevated. Nearly all of the existing forested riparian habitat along that stretch of stream would be cleared for construction, and trees would not be allowed to grow back within 15 feet of the guideway and associated facilities. Impacts in this reach would include the permanent conversion of forested riparian habitat to scrub-shrub-dominated habitats, degradation of stream functions and values because of loss of forested riparian cover, and channel relocation and reconfiguration.

Approximately 1,700 feet of the stream channel in this area would be realigned and relocated approximately 40 to 70 feet west of the elevated guideway. Currently, much of East Fork Hylebos Creek Tributary 0016A in this area is confined within a straight and narrow channel that lacks complexity. The design for the realigned stream channel is expected to include meanders and other features to enhance the availability and diversity of aquatic habitats. The new channel would be designed to maintain flows and water quality conditions. LWD would be placed in and near the stream channel to provide additional habitat complexity. The actual layout of the stream channel would be developed as the design advances in consultation with Tribes, permitting agencies, and other stakeholders.

Some segments of the stream in this area would be within the permanent impact footprint but would not be relocated. Long-term impacts to those stream segments would be associated with reductions in the width of the vegetated riparian zone, as described below.

The interim design indicates that some of the relocated channel would be routed through a parcel that is currently filled and unvegetated and is used for storage of heavy equipment and construction materials. Under current conditions, the length of the stream channel in the area between that parcel and I-5 is approximately 320 feet, and the vegetated riparian area is confined to an approximately 80-foot-wide strip. Upon project completion, the length of the stream channel in that area would be more than 300 feet. It is assumed for this analysis that trees and other woody vegetation would be planted as allowable in this area (e.g., shrubs but not trees would be allowed within 15 feet of light rail facilities). As a result, a wider area would be available to support riparian functions, but those functions would be limited in some parts of that area because trees and other tall vegetation would not be allowed to grow near the light rail alignment.

Although realigning the stream channel would have some beneficial effects, changing the physical characteristics of the stream could adversely affect its hydrology and downstream sediment regimes. In addition, the presence of the light rail guideway east of the stream would further reduce the width of the already limited area available to support riparian functions. From S 336th Street to the southeastern corner of the Christian Faith Center property (a straight-line distance of approximately 0.25 mile), the vegetated riparian zone between neighboring properties the guideway would be approximately 100 to 180 feet wide. Compared to the existing width of the vegetated riparian zone in this area (200 to 300 feet), this zone would amount to a 10 to 40 percent reduction in the width of the vegetated riparian zone along approximately 1,400 linear feet of stream channel.

Farther south, the stream would be confined to an approximately 80-foot-wide corridor between the Ellenos Yogurt parcel and I-5. This area would include about 400 linear feet of stream

channel. Much of the stream in this area would be beneath or immediately adjacent to the guideway. The presence of support columns near the stream would constrain options for natural or human-created modifications to channel configuration in the future. In addition, existing forested riparian vegetation would be cleared and replaced with lower-growing vegetation or converted to hard surfaces, substantially reducing riparian functions along this stream segment.

The permanent stream buffer impact areas (Table J4.4-1) reflect the assumption that all of the existing forested riparian habitat along the affected stretch of stream would be cleared. It may be possible to retain existing vegetation (including riparian forest) in some areas; the actual extent of riparian clearing and planting would be determined by the design-build contractor in consultation with Sound Transit. Where safety constraints allow, riparian areas cleared for construction would be restored with native vegetation, with an emphasis on trees and shrubs. As discussed in Section 2.5.4, trees and other tall vegetation would not be allowed to grow back near the light rail alignment. In those areas, some riparian habitat functions would be restored through revegetation with native shrubs and other low-growing species. In areas where mixed deciduous and coniferous forest is replaced with project features and non-forested vegetation, the capacity of those areas to support riparian functions for this stream would be permanently reduced.

The Design Option at the northern end of the mainline tracks would affect approximately 100 linear feet more of East Fork Hylebos Creek Tributary 0016A than would the Preferred FW Enchanted Parkway Alternative (Table J4.4-1). The Design Option would intersect the northern end of the stream in Belmor; the Preferred FW Enchanted Parkway Alternative would avoid it altogether.

4.1.1.3 South Federal Way Segment Alternatives

The potential long-term impacts to streams and stream buffers for alternatives in the South Federal Way Segment are compared in Table J4.4-1. South of S 344th Street, the SF I-5 Alternative would continue to follow the course of East Fork Hylebos Creek Tributary 0016A for another 0.6 mile south of the Federal Way Segment, affecting forested riparian habitat in the I-5/SR 18 interchange and immediately upstream of the culvert where the stream passes under I-5. This alternative would also likely require the realignment of approximately 1,500 feet of the stream, where it would parallel the guideway south of the I-5/SR 18 interchange. By turning westward and following SR 161 or SR 99 through this area, the other alternatives would avoid most of these impacts. Compared to the other alternatives, the SF I-5 Alternative would affect substantially more of the stream and its buffer (Table J4.4-1).

Due to the length of stream that falls within the alternative's permanent impact footprint, the SF I-5 Alternative would affect more stream channel and buffer habitat than any of the other alternatives. As a result of stream crossings along SR 99, the SF 99-West and SF 99-East alternatives would affect more stream and stream buffer habitat than would the SF Enchanted Parkway Alternative. The Porter Way Design Option for the SF 99-West and SF 99-East alternatives would parallel West Fork Hylebos Creek for approximately 1,700 feet and would add a stream crossing, resulting in greater impacts on streams and stream buffers (Table J4.4-1).

The differences between the South Federal Way Segment alternatives' impacts on individual streams and stream buffers are summarized below.

Shorelines of the state:

- Hylebos Creek – All of the alternatives would cross this stream at approximately the same location and would affect equivalent amounts of the stream and its buffer.

Fish-bearing streams:

- East Fork Hylebos Creek Tributary 0016A – The SF I-5 Alternative would affect substantially more of this stream and its buffer than any of the other alternatives, as discussed above.
- West Fork Hylebos Creek – The SF 99-West and SF 99-East alternatives with Porter Way Design Option would affect substantially more of this stream and its buffer than would any of the other alternatives, all of which would have similar impacts. The Porter Way Design Option would cross West Fork Hylebos Creek two times, whereas the SF 99-East and SF 99-West alternatives would cross the creek only once. As discussed in Section 3.1.2.3, West Fork Hylebos Creek is considered to contain the highest-quality habitat in the Hylebos Creek system.
- SFW-03 – The SF 99-East Alternative would cross this stream and its buffer. The SF 99-West Alternative would not cross this stream but would affect its buffer; inclusion of the Porter Way Design Option would not change the amount of the stream or its buffer that falls within the permanent impact footprint. The SF Enchanted Parkway and SF I-5 alternatives would not affect this stream or its buffer.
- SFW-04 – This stream and its buffer would be affected by the SF 99-East alternative only; inclusion of the Porter Way Design Option would not change the amount of the stream and stream buffer that falls within this alternative's permanent impact footprint.
- SMI-01 – None of the alternatives would cross this stream, but they would all affect its buffer. The SF Enchanted Parkway and SF I-5 alternatives would affect more of the stream's buffer than would the SF 99-West or SF 99-East alternatives; inclusion of the Porter Way Design Option would not change the amount of the stream's buffer that falls within the permanent impact footprint.
- SMI-02 – The permanent impact footprints of the SF 99-West and SF 99-East alternatives with the Porter Way Design Option would overlap this stream near its confluence with West Fork Hylebos Creek. The SF 99-West and SF 99-East alternatives would not cross this stream, but they would affect its buffer. The SF Enchanted Parkway and SF I-5 alternatives would not affect this stream or its buffer.

Non-fish-bearing streams:

- SFW-02 – The SF 99-West Alternative would affect this stream and its buffer; inclusion of the Porter Way Design Option would not change the amount of the stream or its buffer that falls within the permanent impact footprint. None of the other alternatives would affect this stream or its buffer.
- SMI-03 – The SF 99-West and SF 99-East alternatives would affect equivalent amounts of this stream and its buffer; inclusion of the Porter Way Design Option would not change the amount of the stream or its buffer that falls within the permanent impact footprint.

Where they cross West Fork Hylebos Creek and Hylebos Creek (both of which are documented salmon-bearing streams), all the South Federal Way Segment alternatives would permanently reduce forested habitat in the streams' riparian buffers. The Porter Way Design Options for SR 99 would permanently reduce riparian forest the most along West Fork Hylebos Creek due to its proposed location within the riparian area. Also, project impacts could affect the future riparian restoration areas along Hylebos Creek for the SR 167 Completion Project planned by WSDOT (see Section 4.7, Cumulative Impacts). Construction within 200 feet of Hylebos Creek would require permanent vegetation removal within the shoreline jurisdiction.

Both the SF 99-West Alternative and the SF 99-East Alternative would affect parcels near SR 99 that have been acquired or that are planned for acquisition by the City of Federal Way for conservation and restoration of West Fork Hylebos Creek. In addition, both alternatives would cross one federally owned parcel dedicated to the Puyallup Tribe. This parcel, which is currently held in open space, contains wetlands and riparian habitat associated with West Fork Hylebos Creek. The other alternatives would avoid city-owned or Tribal parcels that are identified as conservation priorities, as would the SF 99-West and SF 99-East alternatives with the Porter Way Design Option.

4.1.1.4 Fife Segment Alternatives

The potential long-term impacts to streams and stream buffers for alternatives in the Fife Segment are compared in Table J4.4-1. Riparian habitat conditions in the Fife Segment are generally degraded, consisting primarily of willow, reed canarygrass, and Himalayan blackberry, with few trees present at some sites. As such, the impacts of the alternatives on aquatic habitats and species in the Fife Segment would be less severe than other segments. However, the presence of light rail structures in all of these areas would limit options for riparian habitat restoration in the future.

Under all three alternatives, construction and operation of the elevated preferred Fife Station and associated ground-level facilities would require approximately 150 linear feet of Fife Ditch Tributary 1 to be relocated and/or placed in a new culvert. These impacts would not occur if either of the station design options at 54th Avenue E is implemented. Fife Ditch and Fife Ditch Tributary 1 are considered non-fish bearing and function only as stormwater conveyance.

The Fife Pacific Highway, Fife Median, and the Fife I-5 alternatives and associated design options would be on elevated guideways throughout the Fife Segment. As such, long-term impacts on most streams would be associated only with shading from overhead structures and with riparian vegetation clearing. Other than the impacts of the Fife Station on Fife Ditch Tributary 1, no in-water work, relocation of streams, or alteration of in-stream habitat is anticipated for any of the alternatives in the Fife Segment.

The Fife Pacific Highway and Fife Median alternatives are addressed together because they share the same analysis footprint. Similarly, the two design options (54th Avenue and 54th Span) are addressed together because their impacts on aquatic resources would be indistinguishable.

All of the Fife Segment alternatives would have the same amount of impact on the one fish-bearing stream (Wapato Creek) that they would cross. In addition, all of the alternatives would affect the same amount of stream buffer on fish-bearing streams (Hylebos Creek and Wapato Creek). Under any of the alternatives, neither of the design options would modify the effects of the alternatives on fish-bearing streams or their buffers (Table J4.4-1).

4.1.1.5 Tacoma Segment Alternatives

The long-term impacts of the Tacoma Segment alternatives on aquatic resources would be essentially identical (Table J4.4-1) and would be associated with shading and placement of permanent in-water structures. Under all four alternatives, the construction of elevated guideway over a piped segment of First Creek would not be expected to affect that stream. Under any of the alternatives, the long-span and pier-supported options for the bridge crossing the Puyallup River would have markedly different impacts.

All four alternatives would cross the Puyallup River downstream (northwest) of the I-5 bridge. If the long-span bridge option is selected, the impacts of the bridge on aquatic habitats would be

minimal since in-water piers would not be required. The bridge would be narrower and substantially higher above the water than the existing I-5 bridge. A long-span bridge for TDLE would be about 110 feet above the water, approximately 60 feet higher than the I-5 bridge. As a result, the shadow it casts on the water would be smaller and more diffuse than that of the existing bridge. No in-water structures would be needed to support a long-span bridge.

In contrast, a pier-supported bridge would not be as high above the water as a long-span bridge (approximately 60 feet, compared to 110), and the presence of piers in the river would affect in-stream habitat conditions for fish, including ESA-listed Chinook salmon, steelhead, and bull trout. Shade from the bridge could increase the risk of predation on juvenile salmonids. In addition, predators may be able to wait in areas of slow water created by the piers. The addition of the light rail bridge would increase the amount of river habitat affected by piers and overhead structures.

In-water piers would permanently displace benthic (riverbed) habitat, as well as affect patterns of scour and deposition within the channel, which can affect prey resources for fish. As discussed in Section 3.1.2.13, however, the Puyallup River in the study area serves primarily as a migratory corridor for salmonids. For this reason, combined with the footprint of the piers, impacts on riverbed habitat would not be expected to have appreciable adverse effects on salmonids. The primary risks to fish would be during construction associated with in-water work for installation of temporary work trestles and support piers. Impacts of these activities are described in Section 4.1.2, Construction Impacts.

Construction near the Puyallup River would permanently affect riparian vegetation in the shoreline jurisdiction.

4.1.2 Construction Impacts

Temporary, construction-related impacts on aquatic resources would occur where stream buffers (i.e., riparian habitat) are affected by clearing and ground-disturbing work but are revegetated following construction. In addition, ground-disturbing work and equipment use in or near surface-flowing waters would present the risk of delivering sediment or contaminants (e.g., fuel, hydraulic fluids) to streams, temporarily degrading water quality.

The duration of temporary impacts on riparian habitat can vary depending on the type of vegetation that is affected. For instance, temporary impacts on grasses and areas dominated by fast-growing invasive species would generally be short-lived, with functions typically returning to pre-impact performance within one growing season. In areas where invasive species are replaced with native species, construction-related impacts may result in improved habitat function. In contrast, temporary impacts on woody vegetation generally last longer because trees and/or shrubs require several years or decades to achieve the size and stature necessary to provide pre-impact functions, such as canopy habitat.

Construction of TDLE parking facilities at the stations in South Federal Way and Fife could be delayed up to 3 years after initial service opens. If that occurs, the construction-related effects described above would occur at these two station locations at the time the parking facilities are built.

The following sections outline the range of potential temporary construction impacts on streams and aquatic resources that could occur under the alternatives for each segment of TDLE. Actual impacts would depend on the final configuration and design, construction footprint and methods, BMPs implemented during construction (see Section 4.8.1, Avoidance and Minimization During

Design Development), and performance of post-construction restoration. Direct construction impacts would be identified and quantified during final design and permitting. Although detailed construction limits have not yet been defined at this phase in the project design, potential project construction limits have been estimated (see Section 2.5). These impact areas are summarized in Table J4.4-2 (Potential Construction-related Impacts on Aquatic Resources, by Alternative) and would be in addition to the long-term direct impacts described in Section 4.1.1.

Table J4.4-2 Potential Construction-Related Impacts on Aquatic Resources by Alternative

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Federal Way Segment				
Preferred FW Enchanted Parkway	Type F: 850 linear feet	East Fork Hylebos Creek Tributary 0016A	5.0	East Fork Hylebos Creek Tributary 0016A
Preferred FW Enchanted Parkway with Design Option	Type F: 950 linear feet	East Fork Hylebos Creek Tributary 0016A	5.3	East Fork Hylebos Creek Tributary 0016A
South Federal Way Segment				
SF Enchanted Parkway	Type S: 450 linear feet	Hylebos Creek	6.9	Hylebos Creek East Fork Hylebos Creek Tributary 0016A SFW-01 West Fork Hylebos Creek SMI-01
	Type F: 2,200 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SMI-01		
SF I-5	Type S: 450 linear feet	Hylebos Creek	11.5	Hylebos Creek East Fork Hylebos Creek Tributary 0016A SFW-01 West Fork Hylebos Creek SMI-01
	Type F: 3,200 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SMI-01		

Table J4.4-2 Potential Construction-Related Impacts to Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
SF 99-West	Type S: 450 linear feet	Hylebos Creek	7.1	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 2,050 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-04 SMI-01 SMI-02		
	Type Ns: 50 linear feet	SFW-02 SMI-03		
SF 99-West with Porter Way Design Option	Type S: 450 linear feet	Hylebos Creek	12.9	Hylebos Creek East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 2,950 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-04 SMI-01 SMI-02		
	Type Ns: 50 linear feet	SFW-02 SMI-03		
SF 99-East	Type S: 450 linear feet	Hylebos Creek	7.4	Hylebos Creek East Fork Hylebos Creek Tributary 0016A North Fork Hylebos Creek West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 2,150 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02		
	Type Ns: <50 linear feet	SFW-02 SMI-03		
SF 99-East with Porter Way Design Option	Type S: 450 linear feet	Hylebos Creek	13.2	Hylebos Creek East Fork Hylebos Creek Tributary 0016A North Fork Hylebos Creek West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02 SFW-02 SMI-03
	Type F: 3,000 linear feet	East Fork Hylebos Creek Tributary 0016A West Fork Hylebos Creek SFW-03 SFW-04 SMI-01 SMI-02		
	Type Ns: <50 linear feet	SFW-02 SMI-03		

Table J4.4-2 Potential Construction-Related Impacts to Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Fife Segment				
Fife Pacific Highway/ Fife Median	Type S: <50 ft	Hylebos Creek	0.5	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek Hylebos Creek		
	Type Np 1,250	Fife Ditch Fife Ditch Tributary 1 Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		
Fife Pacific Highway/ Fife Median with either 54th Avenue Design Option	Type S: <50 ft	Hylebos Creek	0.5	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek Hylebos Creek		
	Type Np 1,750 linear feet	Fife Ditch Fife Ditch Tributary 1 Erdahl Ditch Tributary 1 Erdahl Ditch Tributary 2		
Fife I-5	Type S: <50 ft	Hylebos Creek	1.0	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek Hylebos Creek		
	Type Np 1,400 linear feet	Fife Ditch Tributary 1 Fife Ditch Wapato Creek Erdahl Ditch Tributary 2		
Fife I-5 with either 54th Avenue Design Option	Type S: <50 ft	Hylebos Creek	1.0	Hylebos Creek Wapato Creek
	Type F: 100 linear feet	Wapato Creek Hylebos Creek		
	Type Np 2,000 linear feet	Fife Ditch Tributary 1 Fife Ditch Erdahl Ditch Tributary 2		

Table J4.4-2 Potential Construction-Related Impacts to Aquatic Resources by Alternative (continued)

Alternative	Stream Impact by Water Type[1,2]	Affected Stream(s)	Stream Buffer Impact (acres)[1,3]	Affected Stream Buffer(s)
Tacoma Segment[4]				
Preferred Tacoma 25th Street-West	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River
Tacoma 25th Street-East	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River
Tacoma Close to Sounder	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River
Tacoma 26th Street	Type S: 1.0 acre	Puyallup River	0.1	Puyallup River

Notes:

(1) Impacts on most streams are reported as the length of the stream's centerline that falls within the construction impact footprint, rounded to the nearest 50 feet. Based on the size and breadth of the Puyallup River, impacts on that watercourse are reported as the area (in acres) of the river that falls within the construction impact footprint. As discussed in the introduction to Chapter 4, the values in this table do not necessarily represent actual anticipated impacts, such as filling stream channels or enclosing them in pipes. Instead, these values indicate the relative degree of potential impacts on streams and stream buffers. See text for discussion.

(2) Stream typing in accordance with WAC 222-16-030.

(3) Buffer impact values represent all affected areas inside functional stream buffers, including areas that overlap wetland buffers.

(4) Under any of the Tacoma Segment alternatives, the design options for the bridge crossing the Puyallup River would have different impacts that are not reflected in the construction-related impact footprint. See text for discussion.

4.1.2.1 No-Build Alternative

The No-Build Alternative would not have any temporary, construction-related impacts on aquatic areas and habitat. Areas temporarily affected by construction of the planned OMF South project would be restored separately from TDLE.

4.1.2.2 Federal Way Segment Alternatives

Most impacts on aquatic resources would be long term and are discussed in Section 4.1.1. Approximately 850 linear feet of East Fork Hylebos Creek Tributary 0016A would fall within the temporary impact footprint (see Table J4.4-2). Impacts would include temporary loss of riparian habitat function and an elevated risk of water quality degradation, as described above. Approximately 5 acres of the stream's buffer would fall within the temporary impact footprint for this alternative.

The FW Design Option would temporarily impact approximately 100 linear feet more of East Fork Hylebos Creek Tributary 0016A and approximately 0.3 acre more of its buffer (Table J4.4-2).

4.1.2.3 South Federal Way Segment Alternatives

The overall construction-related impacts of the South Federal Way alternatives on streams would follow a pattern similar to that seen for permanent impacts. The SF I-5 Alternative would affect more linear feet of streams than any of the other alternatives or design options, largely due to the SF I-5 Alternative's impacts on East Fork Hylebos Creek Tributary 0016A (Table J4.4-2). The SF Enchanted Parkway Alternative and the SF 99-West and SF 99-East

alternatives (without the Porter Way Design Option) would all affect approximately 1,000 fewer linear feet of stream than the SF I-5 Alternative, largely because they would avoid most segments of East Fork Hylebos Creek Tributary 0016A south of S 344th Street. The SF 99-West and SF 99-East alternatives with the Porter Way Design Option would affect about 100 fewer linear feet of streams overall, compared to the SF I-5 Alternative.

Although the SF I-5 Alternative would affect more linear feet of streams than the other alternatives, most of this alternative's impacts would affect a stream (East Fork Hylebos Creek Tributary 0016A) that is not known to support fish populations due to seasonal flow conditions and the presence of numerous fish passage barriers. In contrast, the SF 99-West and SF 99-East alternatives with the Porter Way Design Option would affect approximately 750 to 800 linear feet more of West Fork Hylebos Creek (a major salmonid stream that supports ESA-listed fish), compared to the SF I-5 Alternative.

The alternatives' construction-related impacts on stream buffers are grouped similarly to their impacts on streams. The SF I-5 Alternative and the versions of the SF 99-West and SF 99-East alternatives that include the Porter Way Design Option would affect about 12 to 13 acres of stream buffers. Compared to the other alternatives, the SF I-5 Alternative would affect substantially more stream buffer habitat along East Fork Hylebos Creek Tributary 0016A (approximately 7 acres, versus 2 to 3 acres), including areas with comparatively high-quality habitat, such as native forest and wetlands. The SF Enchanted Parkway Alternative and the SF 99-West and SF 99-East alternatives (without the Porter Way Design Option) would affect about 7 acres of stream buffers overall (Table J4.4-2).

Compared to the SF 99-West and SF 99-East alternatives without the Porter Way Design Option, the SF 99-West and SF 99-East alternatives with the Porter Way Design Option would affect approximately 6 more acres of stream buffer habitat associated with West Fork Hylebos Creek — including high-quality habitats such as mature native forest. Overall, the SF 99 Porter Way Design Options would have an appreciably greater impact on West Fork Hylebos Creek and associated riparian habitat. West Fork Hylebos Creek supports sensitive species such as Chinook salmon and steelhead, which are listed as threatened species under the ESA.

4.1.2.4 Fife Segment Alternatives

The potential construction-related impacts on streams and stream buffers for alternatives in the Fife Segment are compared in Table J4.4-2. As with long-term impacts, the Fife Pacific Highway and Fife Median alternatives are addressed together because they share the same analysis footprint. Similarly, the two design options (54th Avenue and 54th Span) are addressed together because their impacts on aquatic resources would be indistinguishable.

The construction footprint of the Fife I-5 Alternative would overlap approximately 200 more linear feet of streams than would the construction footprint of the Fife Pacific Highway and Fife Median alternatives (Table J4.4-2). This difference is attributable primarily to impacts on Fife Ditch. All alternatives would affect Fife Ditch near 52nd Ave E. In contrast to the Fife Pacific Highway and Fife Median alternatives, the Fife I-5 Alternative would also cross Fife Ditch south of Pacific Highway E, resulting in additional construction-related impacts on that stream and its buffer. The construction footprints of the 54th Avenue and 54th Span design options would have an additional 600 feet of stream impacts. This difference is attributable entirely to the design options' impacts on Fife Ditch Tributary 1, which would account for the majority of temporary stream impacts under any of the alternatives or design options.

The temporary impacts of the Fife Segment alternatives on stream buffers would fall within a narrow range, largely due to the limited amount of vegetated stream buffer habitat available in

this part of the study area. The Fife I-5 Alternative would affect about 0.5 acre more stream buffer habitat than would the Fife Pacific Highway and Fife Median alternatives (Table J4.4-2). This difference arises from the Fife I-5 Alternative's impacts on native brush and scrub-shrub wetland habitat in the buffer on Wapato Creek immediately north of I-5. The construction footprints of the 54th Avenue and 54th Span design options do not include any areas near Hylebos Creek or Wapato Creek. For this reason, the impacts of these design options on stream buffer habitat would not differ from the impacts of the alternatives without the design options.

4.1.2.5 Tacoma Segment Alternatives

As with long-term impacts, the construction-related impacts of the Tacoma Segment alternatives on aquatic resources would be essentially identical (Table J4.4-2), but the long-span and pier-supported options for the bridge crossing the Puyallup River would have markedly different impacts. None of the alternatives would have any construction-related impacts on First Creek, which is enclosed in pipes through the study area.

The greatest potential for construction-related impacts on aquatic areas and aquatic life would occur if a pier-supported crossing of the Puyallup River is chosen instead of a long-span structure. Construction of a pier-supported structure would involve either the construction of temporary work trestles in the river or the assembly of one or more floating barge systems anchored to the shore and riverbed. In addition, cofferdams or steel casings would be installed in the river to allow the construction of in-water piers. Pile driving would be required for the construction of temporary work trestles and may be needed for construction of the in-water piers. Reinforcement or armoring of the in-water slopes of the levees near the bridge site may also be necessary. No in-water work would be required for construction of a long-span bridge.

Between 2015 and 2019, WSDOT installed temporary work trestles and in-water piers to support new bridges for I-5 over the Puyallup River in the study area. The environmental documentation for that project identified adverse impacts on aquatic resources, including the following:

- Mortality or injury of fish during implementation of in-water work area isolation measures (e.g., installation of coffer dams and steel casings around drilled shafts for support piers).
- Mortality or injury of fish exposed to potentially injurious levels of underwater sound pressure levels associated with in-water pile driving.
- Shade from overwater work trestles.
- Temporary, localized increases in turbidity during installation and removal of in-water structures.

Similar impacts would be expected to result from in-water work for construction of a pier-supported bridge over the Puyallup River for TDLE. The extent and severity of impacts would depend upon the duration of in-water work, size of the piles, the type of piles, substrate type, currents, and other factors that affect the propagation of sound waves under water. WSDOT's ESA Section 7 consultation with NMFS and USFWS for the I-5 bridges included determinations of adverse effects on ESA-listed Chinook salmon, steelhead, and bull trout in the Puyallup River. Based on the findings of that analysis, it is likely that construction of in-water support piers for TDLE would adversely affect these and other fish species in the river. These and other project-related impacts (including effects on critical habitat, as appropriate[7]) would be

[7] The bed and banks of the Puyallup River are owned by the Puyallup Tribe of Indians and, as such, were excluded from the designations of critical habitat for Puget Sound Chinook salmon, Puget Sound steelhead, and bull trout.

analyzed in the biological assessment prepared to support consultation with NMFS and USFWS during the Final EIS phase of this project. The assessment would also include a review of potential effects on essential fish habitat.

Underwater noise and in-water construction activities may also affect marine mammals. Seals and sea lions forage in the Puyallup River near the existing highway bridges. Noise from pile driving and other in-water construction work could injure or cause harassment of seals and sea lions in the river. As required under the MMPA, Sound Transit would work with NMFS to prepare an incidental harassment authorization for work that has the potential to affect marine mammals. The terms and conditions of the authorization would include measures to minimize adverse effects on seals and sea lions.

4.2 Vegetation, Wildlife, and Wildlife Habitat

Construction and operation of TDLE could adversely affect vegetation and terrestrial wildlife. Analyses in this subsection address the potential long-term and construction-related impacts of each alternative on vegetation, wildlife, and wildlife habitat. All the project alternatives are near existing highways and commercial or industrial areas and have relatively disturbed habitats compared to less-developed sites in rural areas. Despite the overall matrix of sparse ecosystem resources in the study area, remnant patches of natural vegetation may provide travel corridors or islands of habitat, allowing some wildlife populations to persist in the urban landscape. Actual impacts would depend on final alternative selection and design, construction footprint and methods, BMPs implemented during construction (see Section 4.8.2, Construction Best Management Practices), and performance of post-construction restoration, including revegetation of disturbed areas and mitigation measures for areas protected under local critical areas ordinances.

As discussed in Section 3.4.1, no ESA-listed or state-listed plant or wildlife species are known or expected to be present in the study area. Similarly, WDFW (2023a) does not identify any documented occurrences of state priority species in the study area. Priority species with potential to occur are identified in Section 3.4.3.1. Forested areas may provide suitable habitat for some priority species (see Section 3.4.3). Reductions in the amount of the forested cover type could have adverse effects on those species.

The only priority habitats known or expected to be present in the study area are mature forests, riparian areas, and wetlands. Potential impacts on mature forests are discussed in the following subsections. Potential impacts on riparian areas are analyzed in Section 4.1. Potential impacts on wetlands are analyzed in Section 4.3.

4.2.1 Long-Term Impacts

Potential direct long-term impacts would occur where project construction converts vegetation or other wildlife habitat features to project facilities. Noise, light, and human activity associated with operation of TDLE may also have long-term impacts on wildlife, and the presence of light rail structures may impede the movement of wildlife through the study area. Impacts associated with each alternative are discussed in the subsections that follow.

Vegetation Removal and Habitat Alteration

Any of the project alternatives would affect vegetation and wildlife through the loss or degradation of habitat. Existing vegetation within the limits of the permanent impact footprint would be removed and replaced with guideways, stations, and other project features.

analyzed in the biological assessment prepared to support consultation with NMFS and USFWS during the Final EIS phase of this project. The assessment would also include a review of potential effects on essential fish habitat.

Underwater noise and in-water construction activities may also affect marine mammals. Seals and sea lions forage in the Puyallup River near the existing highway bridges. Noise from pile driving and other in-water construction work could injure or cause harassment of seals and sea lions in the river. As required under the MMPA, Sound Transit would work with NMFS to prepare an incidental harassment authorization for work that has the potential to affect marine mammals. The terms and conditions of the authorization would include measures to minimize adverse effects on seals and sea lions.

4.2 Vegetation, Wildlife, and Wildlife Habitat

Construction and operation of TDLE could adversely affect vegetation and terrestrial wildlife. Analyses in this subsection address the potential long-term and construction-related impacts of each alternative on vegetation, wildlife, and wildlife habitat. All the project alternatives are near existing highways and commercial or industrial areas and have relatively disturbed habitats compared to less-developed sites in rural areas. Despite the overall matrix of sparse ecosystem resources in the study area, remnant patches of natural vegetation may provide travel corridors or islands of habitat, allowing some wildlife populations to persist in the urban landscape. Actual impacts would depend on final alternative selection and design, construction footprint and methods, BMPs implemented during construction (see Section 4.8.2, Construction Best Management Practices), and performance of post-construction restoration, including revegetation of disturbed areas and mitigation measures for areas protected under local critical areas ordinances.

As discussed in Section 3.4.1, no ESA-listed or state-listed plant or wildlife species are known or expected to be present in the study area. Similarly, WDFW (2023a) does not identify any documented occurrences of state priority species in the study area. Priority species with potential to occur are identified in Section 3.4.3.1. Forested areas may provide suitable habitat for some priority species (see Section 3.4.3). Reductions in the amount of the forested cover type could have adverse effects on those species.

The only priority habitats known or expected to be present in the study area are mature forests, riparian areas, and wetlands. Potential impacts on mature forests are discussed in the following subsections. Potential impacts on riparian areas are analyzed in Section 4.1. Potential impacts on wetlands are analyzed in Section 4.3.

4.2.1 Long-Term Impacts

Potential direct long-term impacts would occur where project construction converts vegetation or other wildlife habitat features to project facilities. Noise, light, and human activity associated with operation of TDLE may also have long-term impacts on wildlife, and the presence of light rail structures may impede the movement of wildlife through the study area. Impacts associated with each alternative are discussed in the subsections that follow.

Vegetation Removal and Habitat Alteration

Any of the project alternatives would affect vegetation and wildlife through the loss or degradation of habitat. Existing vegetation within the limits of the permanent impact footprint would be removed and replaced with guideways, stations, and other project features.

Vegetation near the permanent impact footprint would also be permanently affected by the project. After being cleared for construction, areas within 15 feet of light rail facilities would be restored with native shrubs and other site-appropriate plant species, but trees and other tall vegetation would not be allowed to grow within this 15-foot buffer for safety. In areas that are currently dominated by non-native and invasive species (e.g., Himalayan blackberry, reed canarygrass), post-construction planting would improve habitat conditions by increasing structural and species diversity. In areas that currently support forested habitats, tree removal and replacement with lower-growing species would reduce habitat diversity. The permanent impact footprint developed for this analysis overlaps the 15-foot clearing zone in some areas but not everywhere. For this reason, potential impacts associated with maintaining the 15-foot-wide zone are addressed qualitatively but are not quantified.

Table J4.4-3 presents a comparison of the project alternatives' potential impacts on vegetation in the study area, based on the amount of each land cover type in the project footprint. The geographic distribution and configuration of impact areas are depicted in Figures J4.4-12 through J4.4-22. The values and areas in the table and figure do not represent actual anticipated impacts. As discussed in the introduction to Section 4, Environmental Impacts, impact areas represent conservative estimates, and not all areas within the project footprint would be converted to structures or hard surfaces. Some areas, for example, would be restored to pre-project conditions or converted to other cover types, such as stormwater facilities or landscaping. Instead, the values and areas indicate the relative degree of potential impacts on each cover type.

Long-term impacts on vegetation and wildlife habitat would vary, depending on the affected land cover type. In much of the study area (e.g., in areas classified as the Commercial or Residential land cover types), the replacement of existing impervious surfaces and structures would constitute a minimal change in ecological functions such as the capacity to support wildlife. In such areas, grass and low-growing vegetation along the alignment would provide some habitat for ground-dwelling small mammals, such as mice and voles.

The severity of impacts on plants and animals would be greater where cover types dominated by native or structurally complex vegetation (i.e., the mature native forest, other native forest, or wetland/stream cover types, including forested wetlands) are affected. Removing trees, snags, and understory vegetation would eliminate nesting and foraging sites for birds, roosting sites for bats, and hiding cover for small mammals. Alternatives that affect a greater area of such habitat types would have a higher likelihood of adverse effects on vegetation and wildlife. Given the scarcity of mature native forest habitat in and near the study area, combined with that habitat type's high value for wildlife, potential impacts on mature native forest receive particular attention in the impact analyses in this section.

The severity of impacts would also depend on the type of structure. Construction and operation of at-grade segments of guideway would entail the permanent removal of nearly all vegetation within the permanent impact footprint. In contrast, some vegetation would be able to grow underneath elevated structures. As described in the discussion of impacts on riparian vegetation (see Section 4.1.1), vegetation under elevated structures would be limited by the reduced availability of sunlight and water.

Table J4.4-3 Potential Long-term Impacts on Vegetation Cover Types, by Alternative (acres)

Alternative	Commer-cial	Residen tial	Grass land	Invasive Brush	Native Brush	Non Native Forest	Mature Native Forest	Other Native Forest	Wetland/ Stream[1]	River Channel[2]	Stormwater Pond	Total
Federal Way Segment												
Preferred FW Enchanted Parkway	2	6	2	<0.5	0	0	2	3	1	0	<0.5	16
Preferred FW Enchanted Parkway with Design Option	2	7	3	<0.5	0	0	2	3	1	0	<0.5	18
South Federal Way Segment												
SF Enchanted Parkway	24	7	<0.5	3	0	0	1	10	3	0	<0.5	48
SF I-5	21	4	1	5	<0.5	0	1	16	4	0	<0.5	51
SF 99-West	31	1	<0.5	1	0	0	0	9	6	0	<0.5	49
SF 99-West with Porter Way Design Option	26	1	<0.5	1	0	0	1	9	7	0	<0.5	46
SF 99-East	34	<0.5	2	2	<0.5	0	0	8	7	0	1	54
SF 99-East with Porter Way Design Option	29	<0.5	2	2	<0.5	0	1	8	8	0	1	51
Fife Segment												
Fife Pacific Highway/ Fife Median[3]	27	1	5	<0.5	<0.5	<0.5	0	1	2	0	2	39
Fife Pacific Highway/ Fife Median with 54th Avenue Design Option	31	<0.5	4	<0.5	<0.5	<0.5	0	2	2	0	<0.5	41
Fife Pacific Highway/ Fife Median with 54th Span Design Option	33	<0.5	4	<0.5	<0.5	<0.5	0	2	2	0	<0.5	43
Fife I-5	19	<0.5	8	<0.5	<0.5	<0.5	0	1	3	0	2	34
Fife I-5 with 54th Avenue Design Option	21	<0.5	7	<0.5	<0.5	<0.5	0	1	3	0	<0.5	33
Fife I-5 with 54th Span Design Option	23	<0.5	7	<0.5	<0.5	<0.5	0	1	3	0	<0.5	35

Table J4.4-3 Potential Long-term Impacts on Vegetation Cover Types, by Alternative (acres) (continued)

Alternative	Commer-cial	Residen tial	Grass land	Invasive Brush	Native Brush	Non Native Forest	Mature Native Forest	Other Native Forest	Wetland/ Stream[1]	River Channel[2]	Stormwater Pond	Total
Tacoma Segment												
Preferred Tacoma 25th Street-West	19	<0.5	1	1	<0.5	0	0	0	<0.5	<0.5	0	21
Tacoma 25th Street-East	18	<0.5	1	1	<0.5	0	0	0	<0.5	<0.5	0	20
Tacoma Close to Sounder	16	1	1	1	<0.5	0	0	0	<0.5	<0.5	0	19
Tacoma 26th Street	18	2	1	1	<0.5	0	0	0	<0.5	<0.5	0	21

Notes:

(1) Impacts on the Wetland/Stream cover type include areas within the OHWM of streams associated with wetlands. As such, the impact area values for the cover type in this table do not match those in the tabular summaries of impacts on wetlands.

(2) The River Channel land cover type captures the Puyallup River. Impacts on smaller streams are discussed in Section 4.1.

(3) The impacts of the Fife Pacific Highway and Fife Median alternatives on all cover types would be identical.

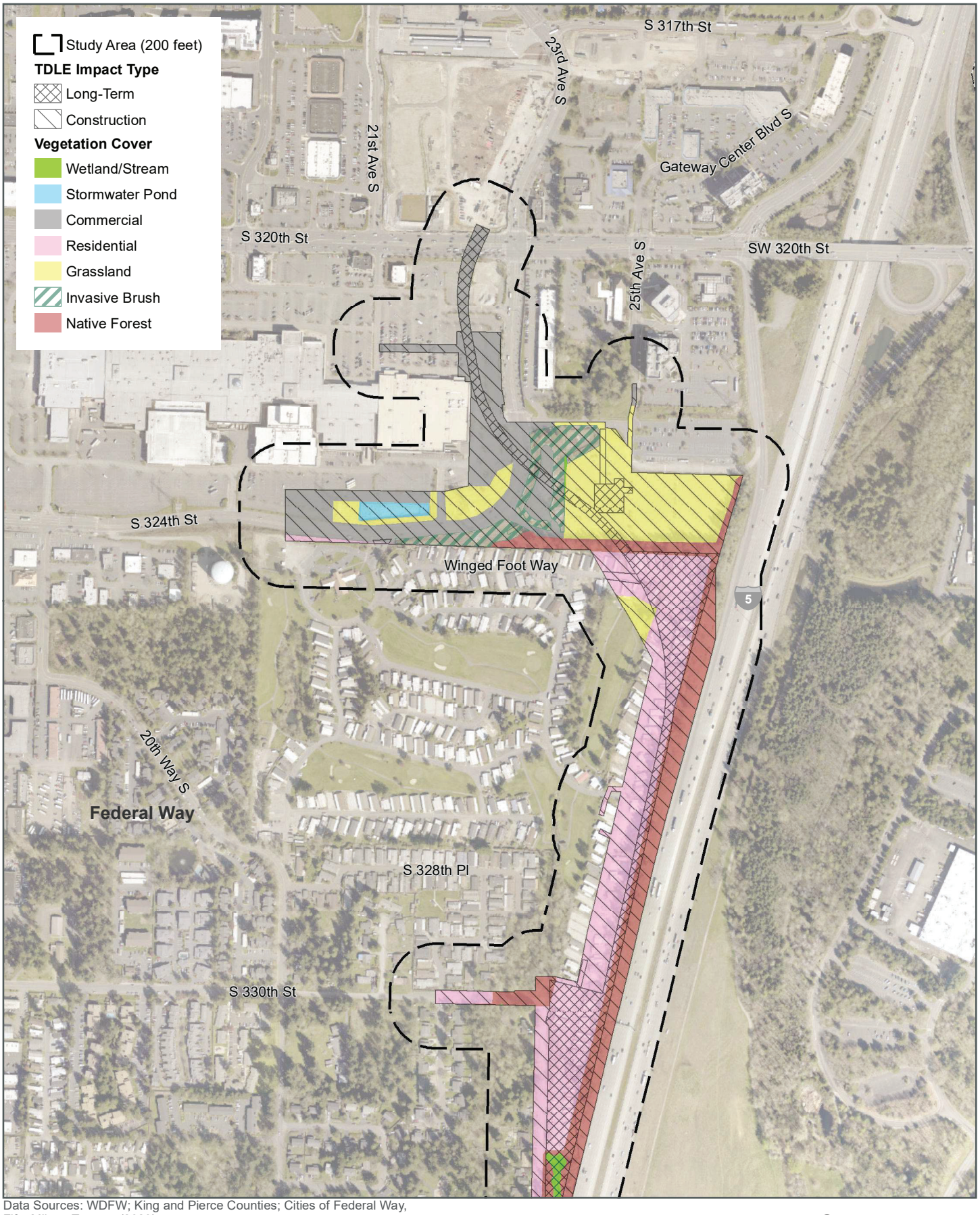

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-12A
Vegetation Cover Impacts
Preferred FW Enchanted Parkway Alternative
Tacoma Dome Link Extension

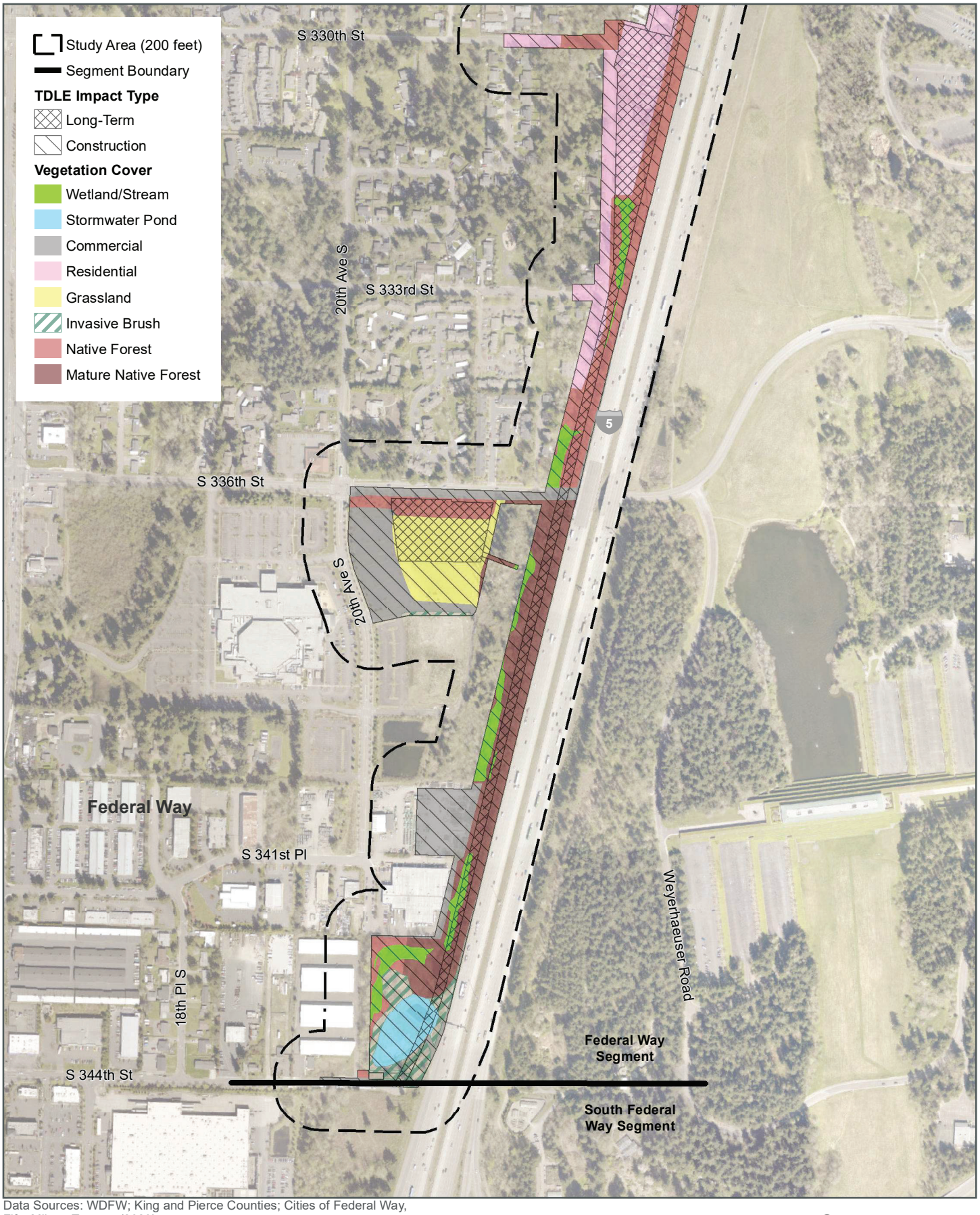

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-12B
Vegetation Cover Impacts
Preferred FW Enchanted Parkway Alternative
Tacoma Dome Link Extension

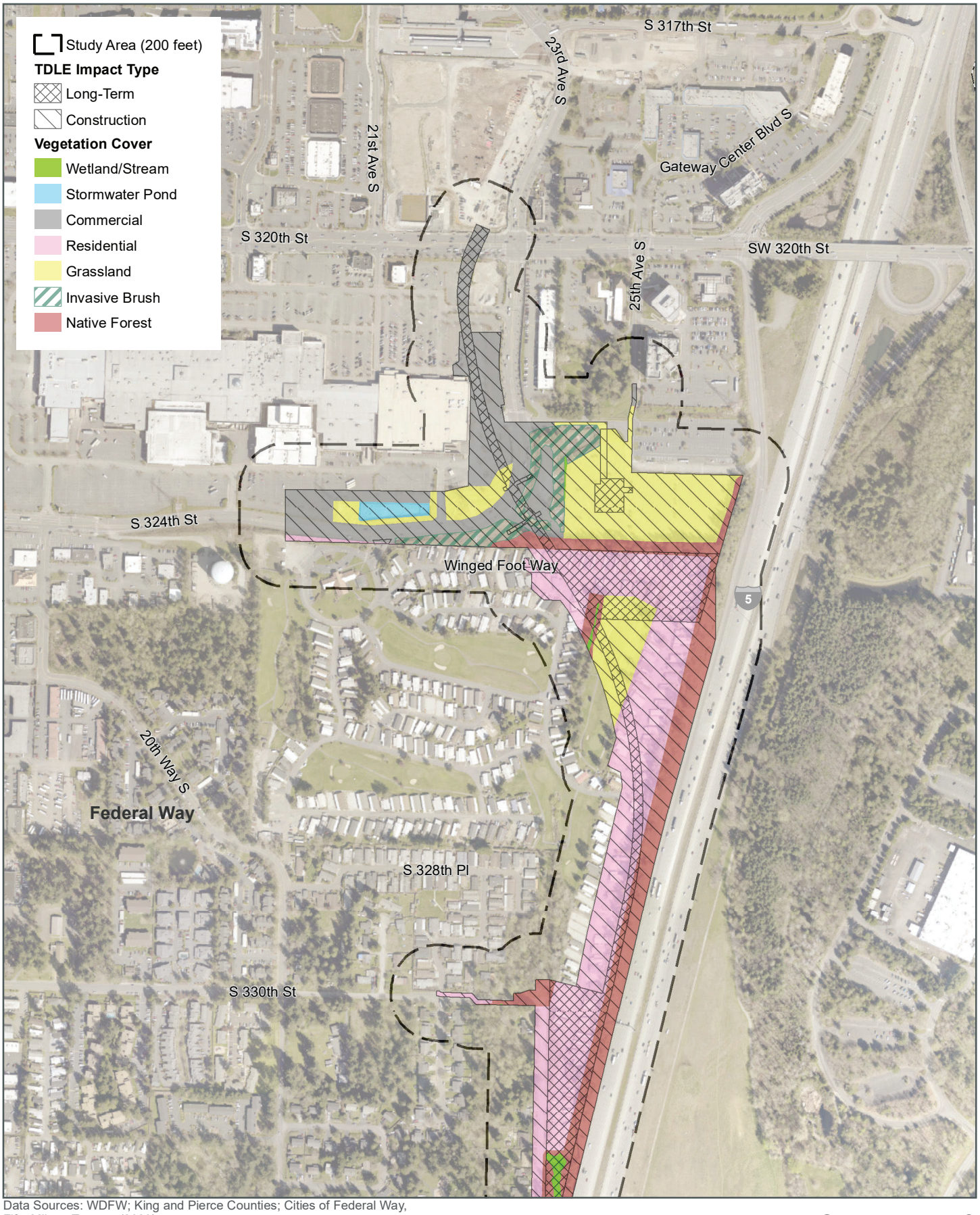

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-12C
Vegetation Cover Impacts
FW Design Option

Tacoma Dome Link Extension

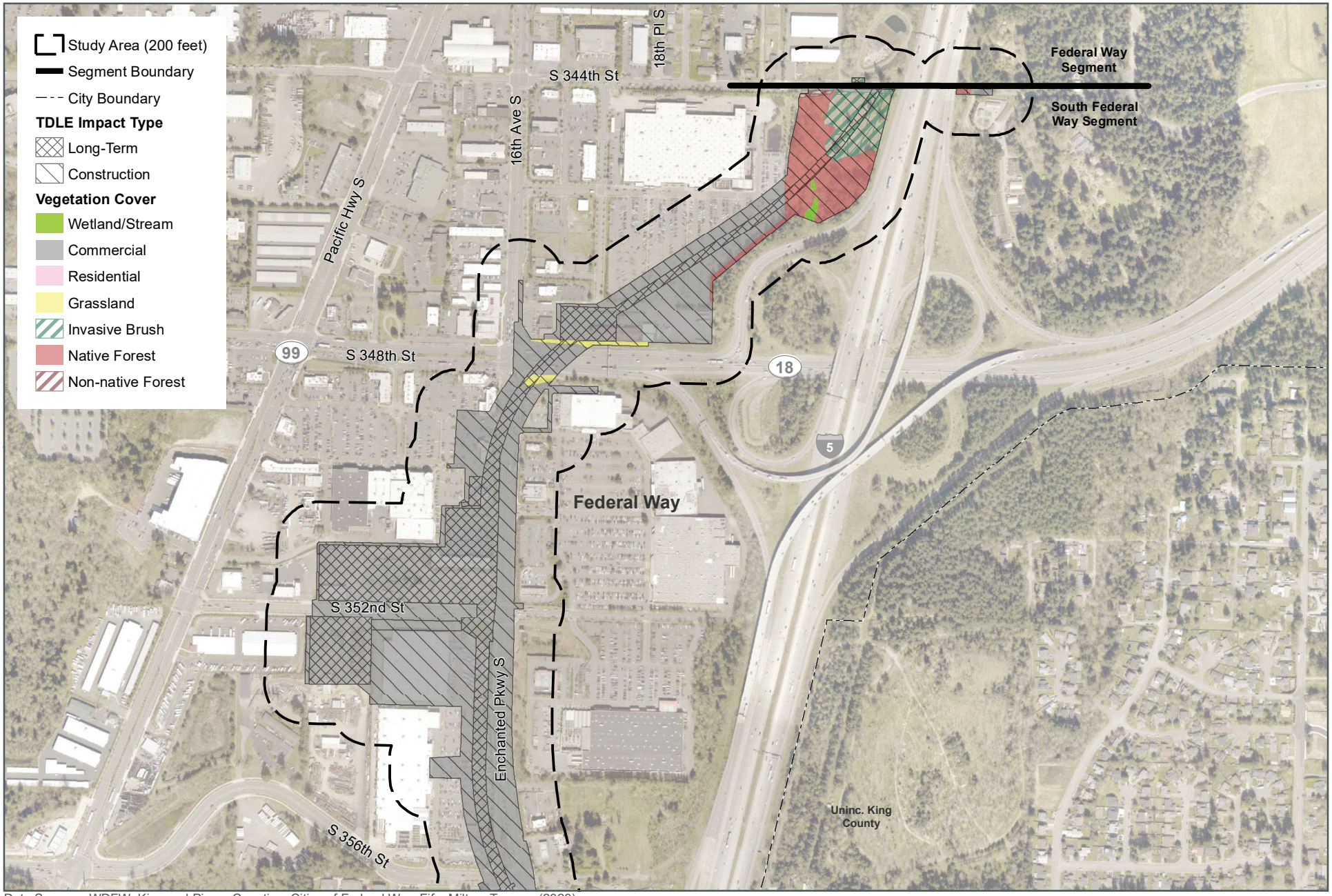

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-13A
Vegetation Cover Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

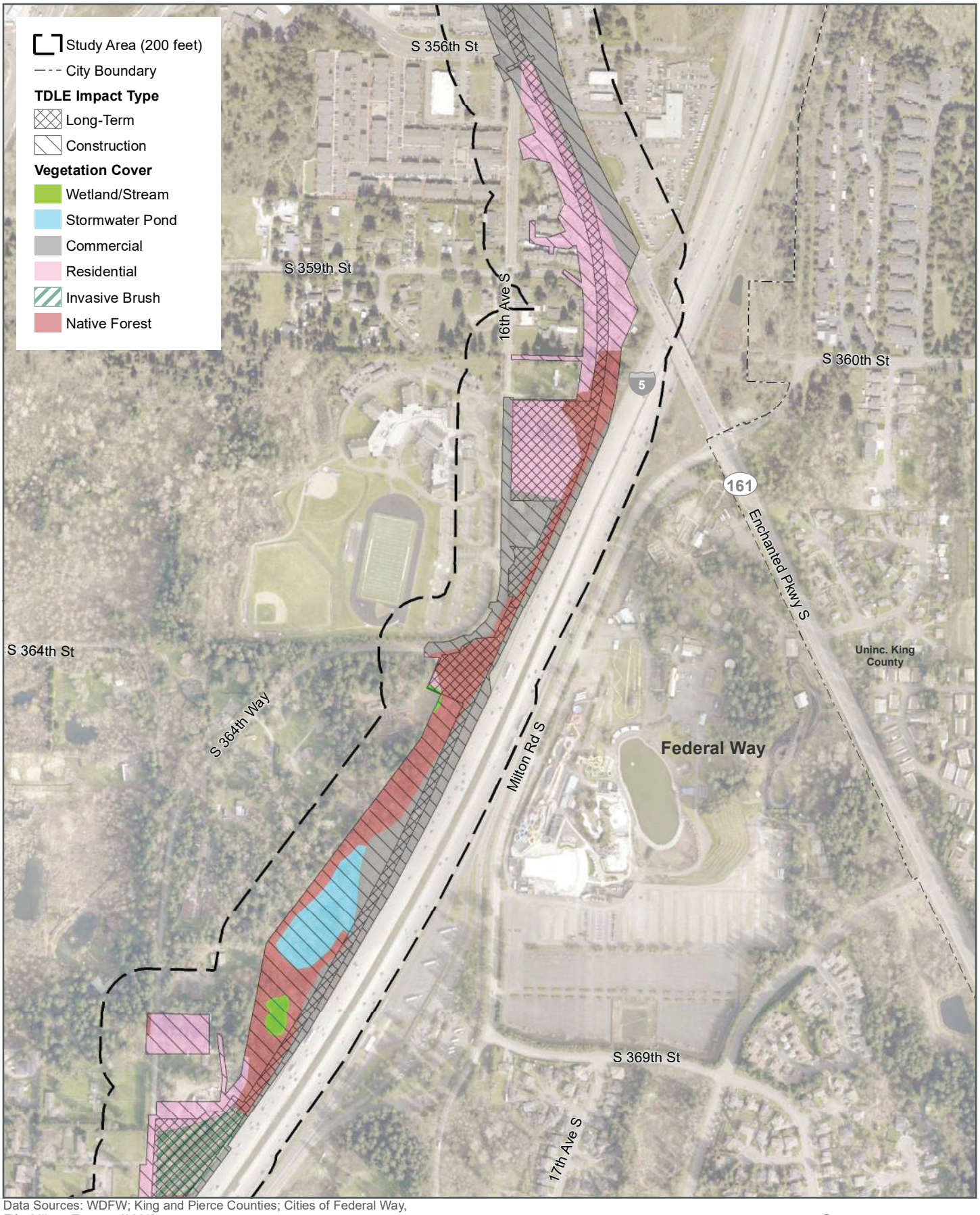

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-13B
Vegetation Cover Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

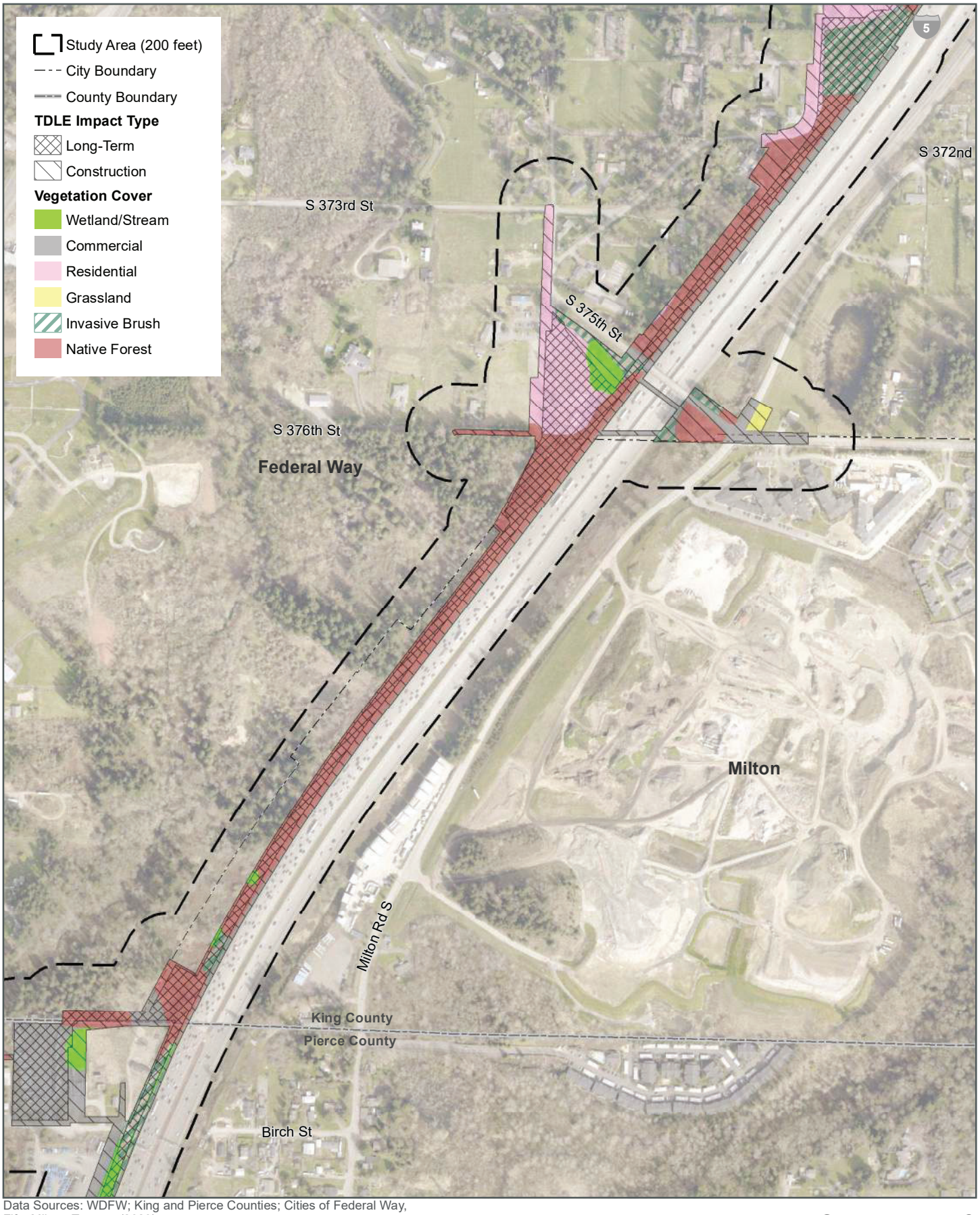

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-13C
Vegetation Cover Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

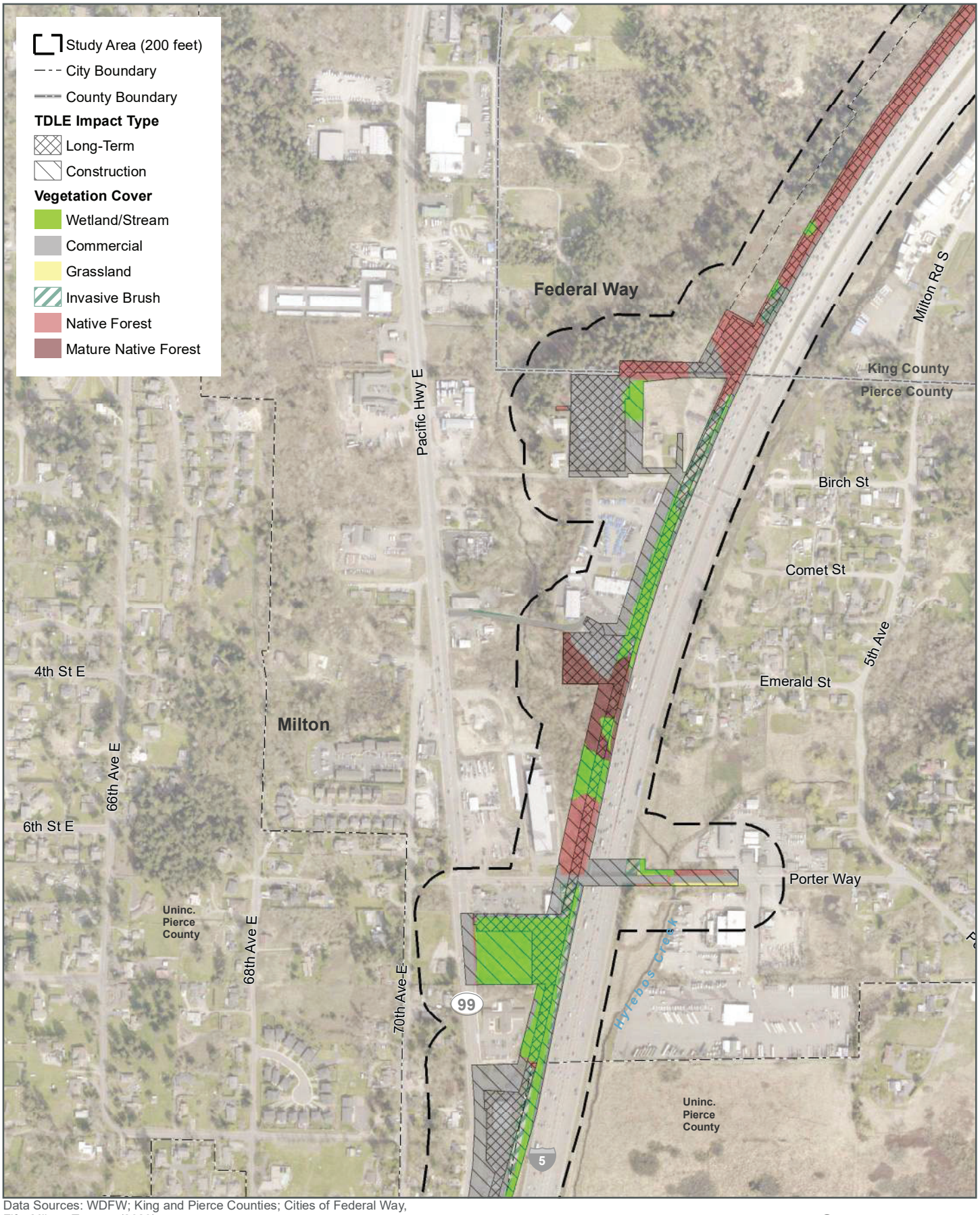

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-13D
Vegetation Cover Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

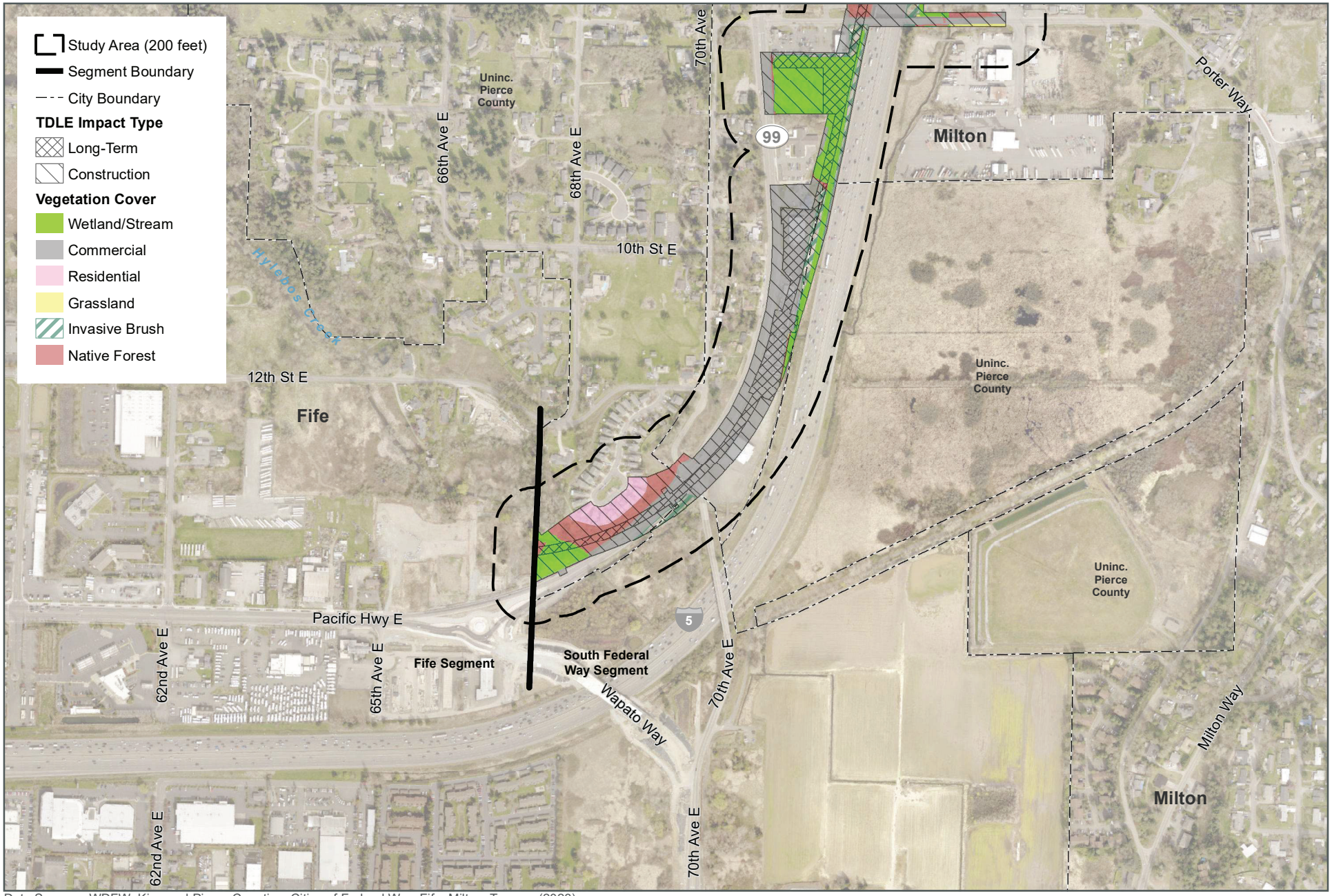

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-13E
Vegetation Cover Impacts
SF Enchanted Parkway Alternative
Tacoma Dome Link Extension

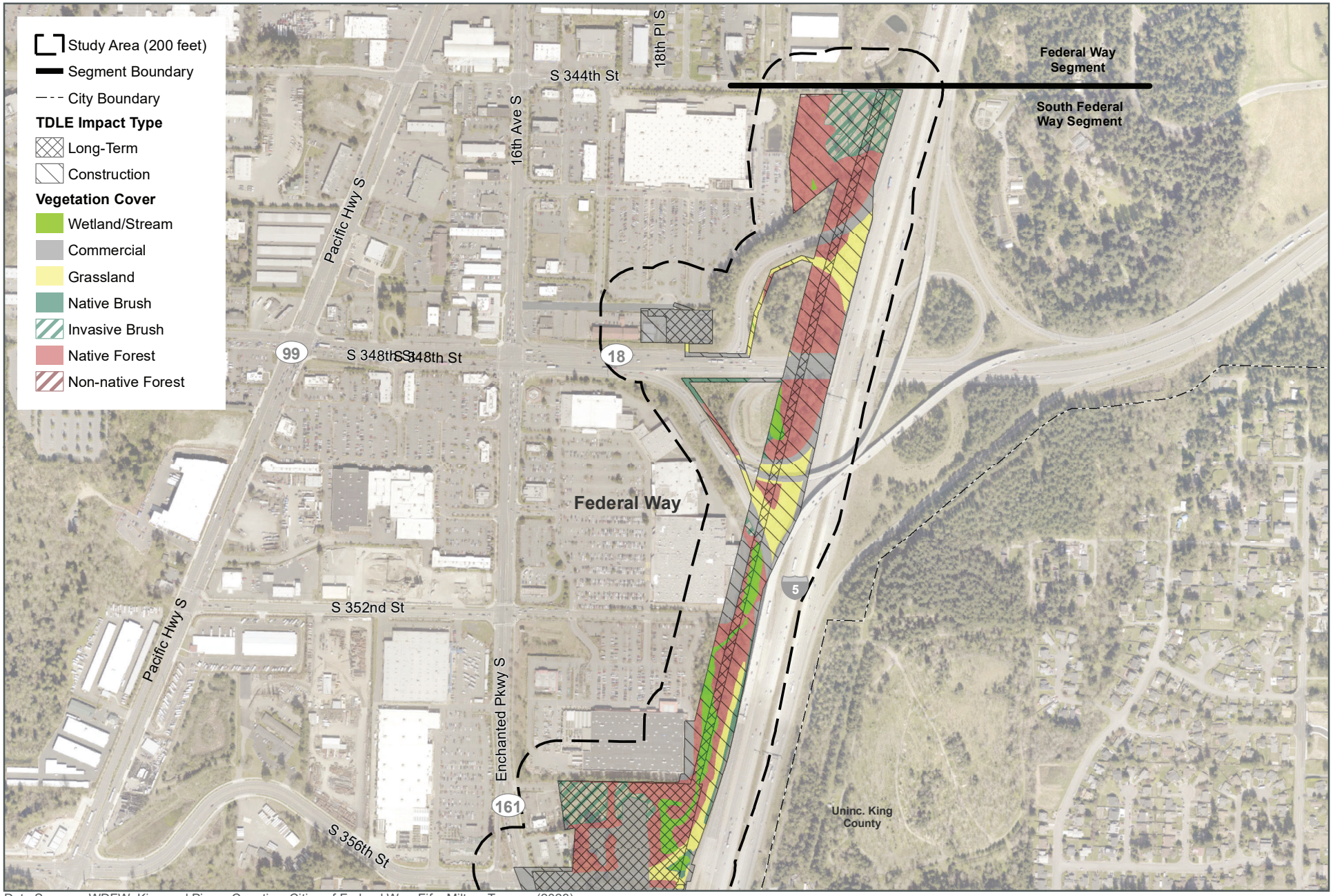

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-14A
Vegetation Cover Impacts
SF I-5 Alternative
Tacoma Dome Link Extension

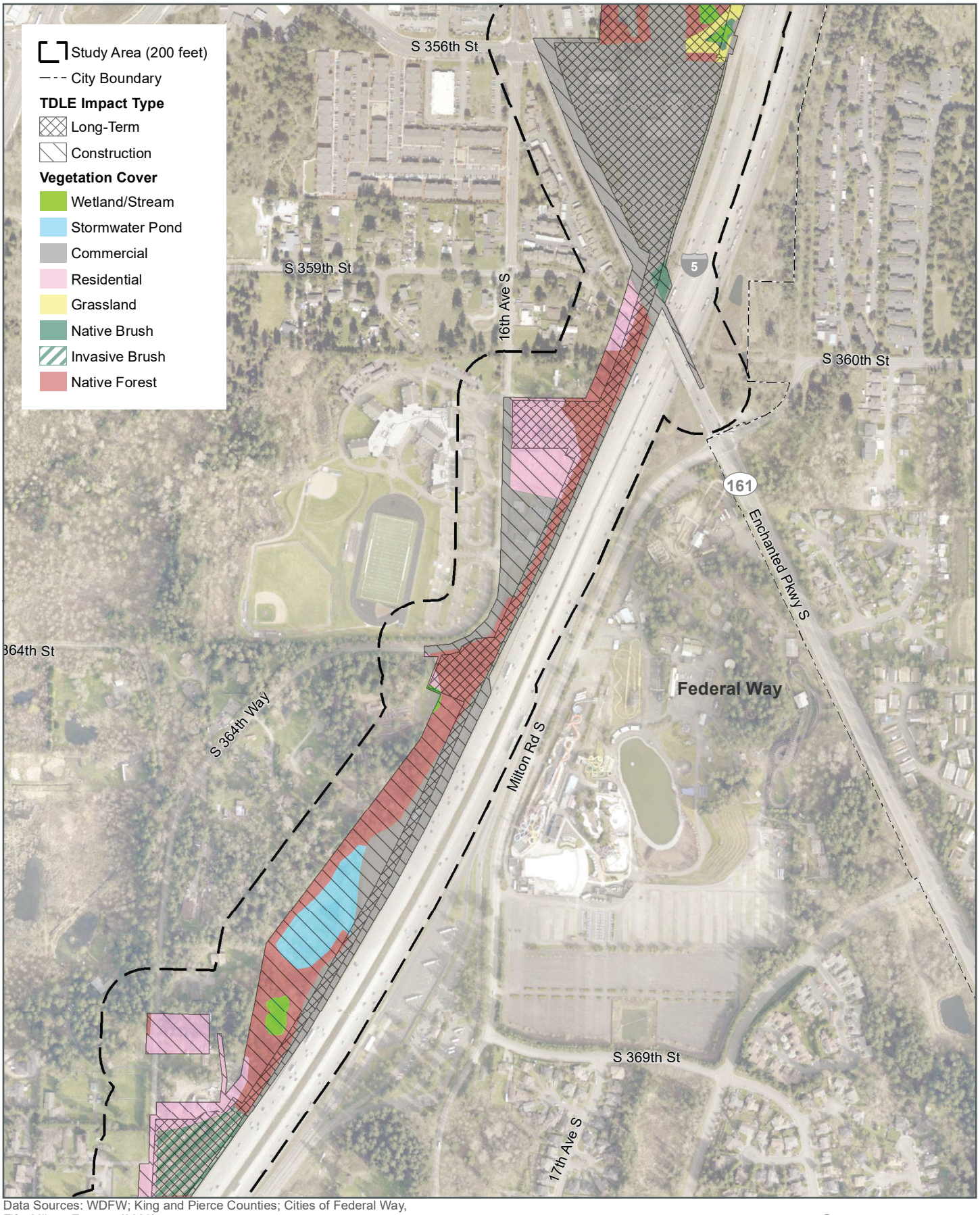

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-14B
Vegetation Cover Impacts
SF I-5 Alternative

Tacoma Dome Link Extension

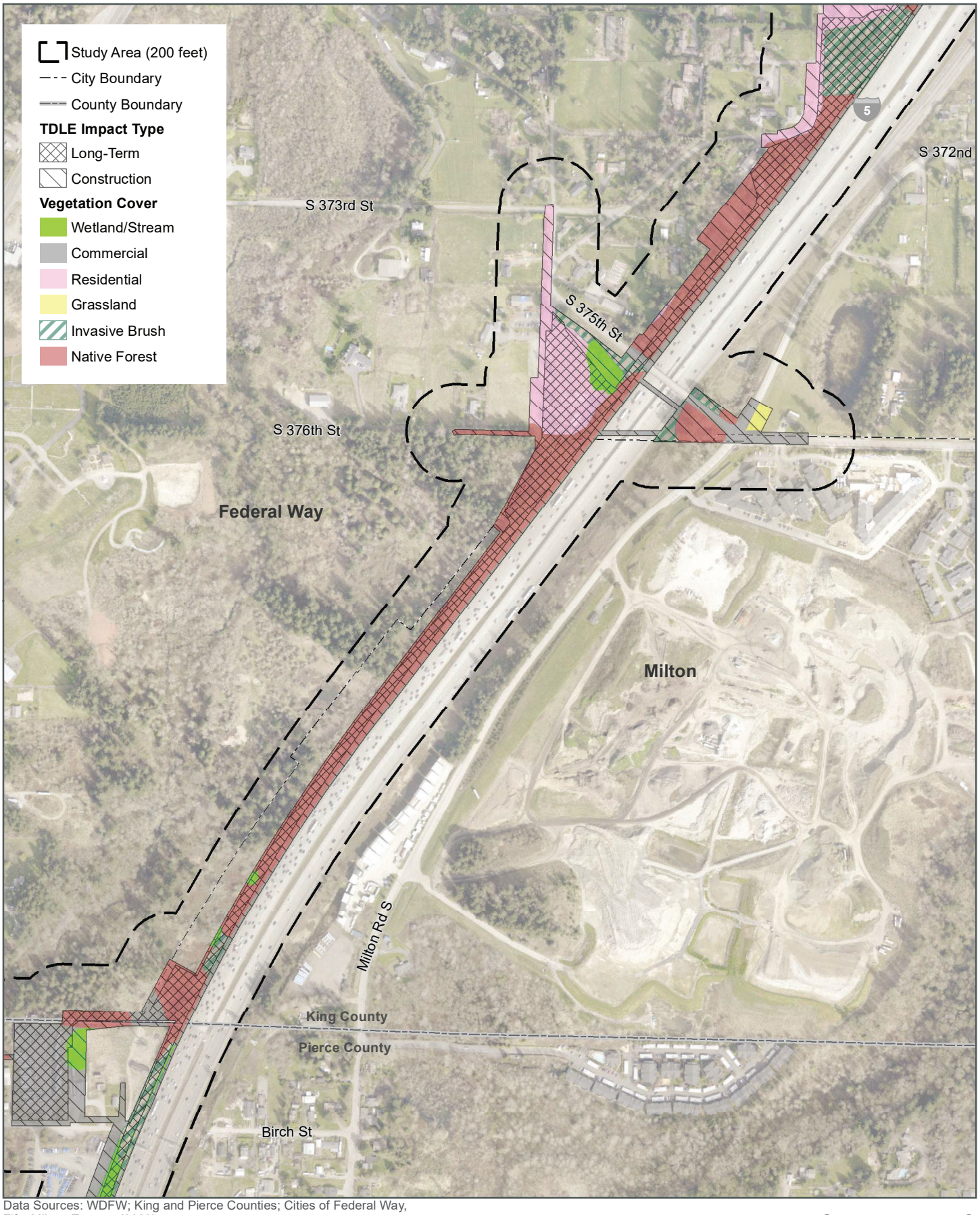

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-14C
Vegetation Cover Impacts
SF I-5 Alternative

Tacoma Dome Link Extension

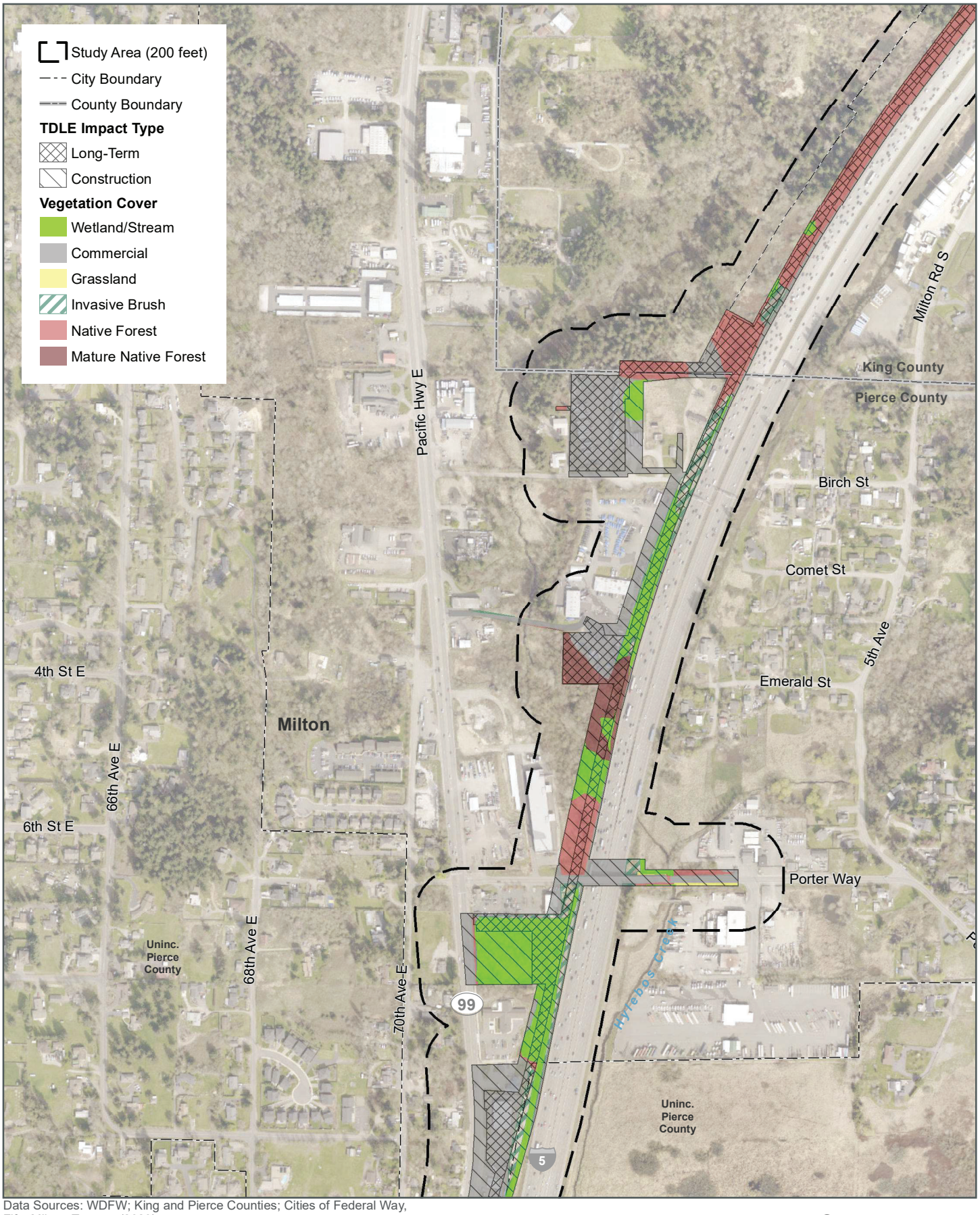

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-14D
Vegetation Cover Impacts
SF I-5 Alternative

Tacoma Dome Link Extension

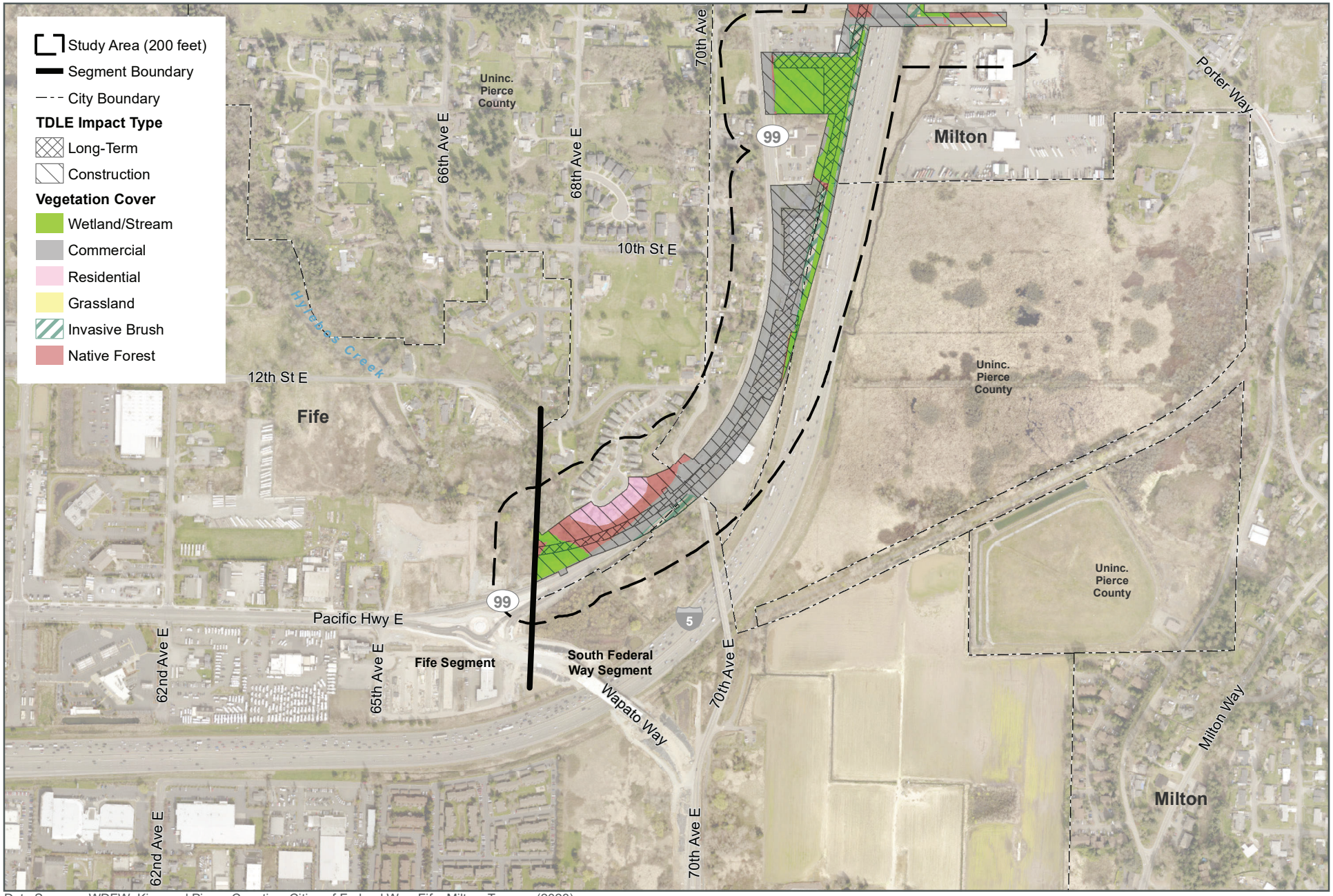

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-14E
Vegetation Cover Impacts
SF I-5 Alternative
Tacoma Dome Link Extension

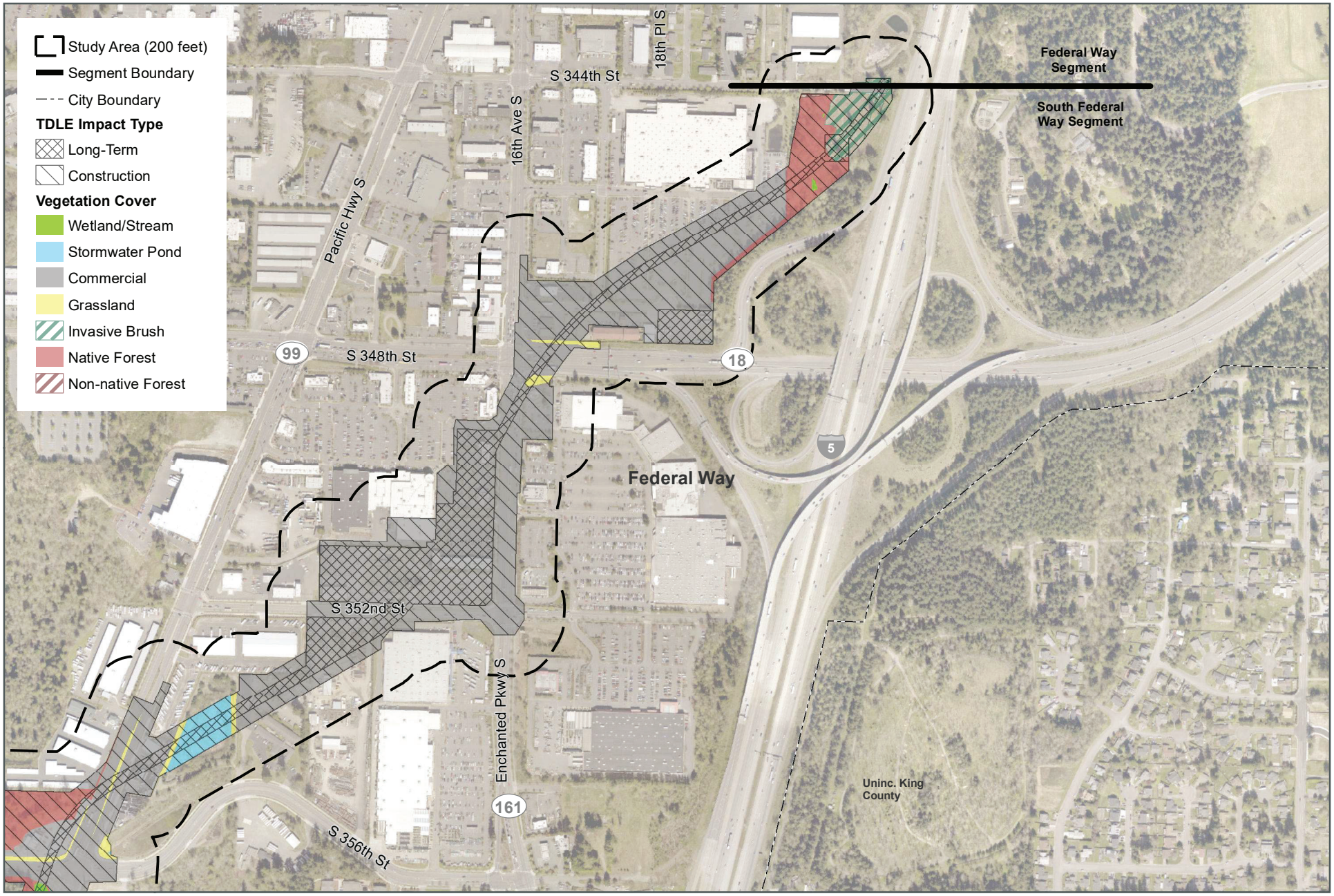

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-15A
Vegetation Cover Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

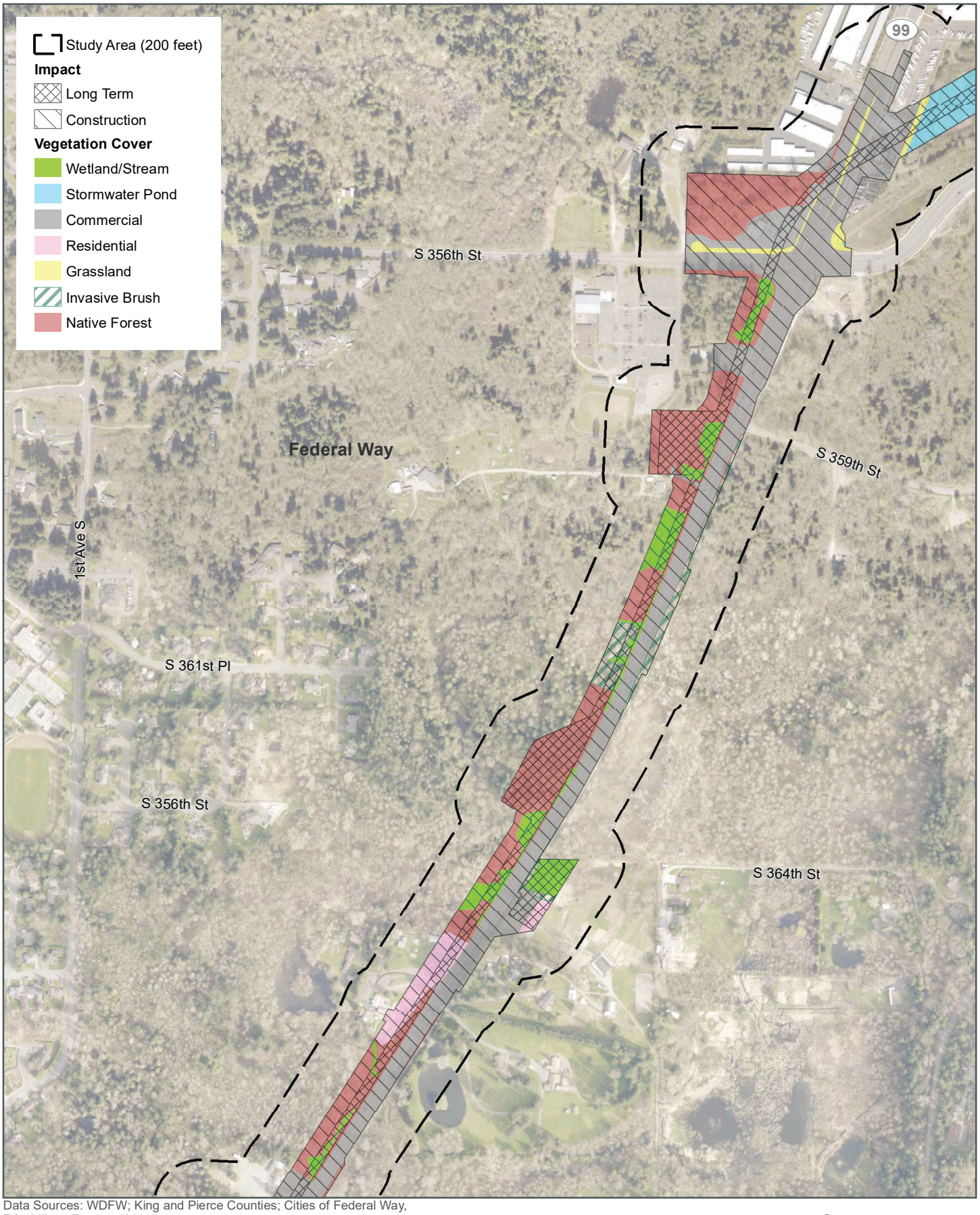

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-15B
Vegetation Cover Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

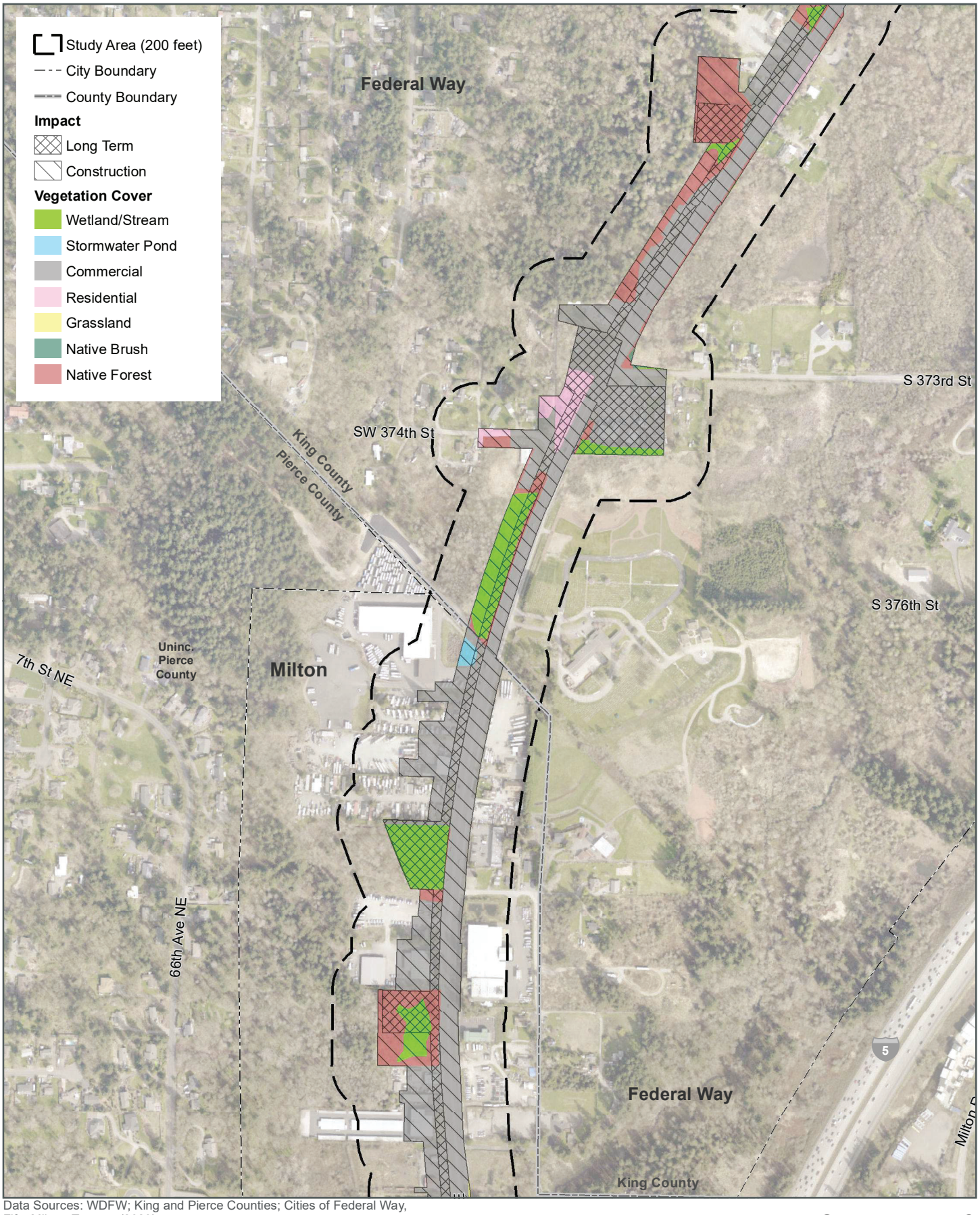

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-15C
Vegetation Cover Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

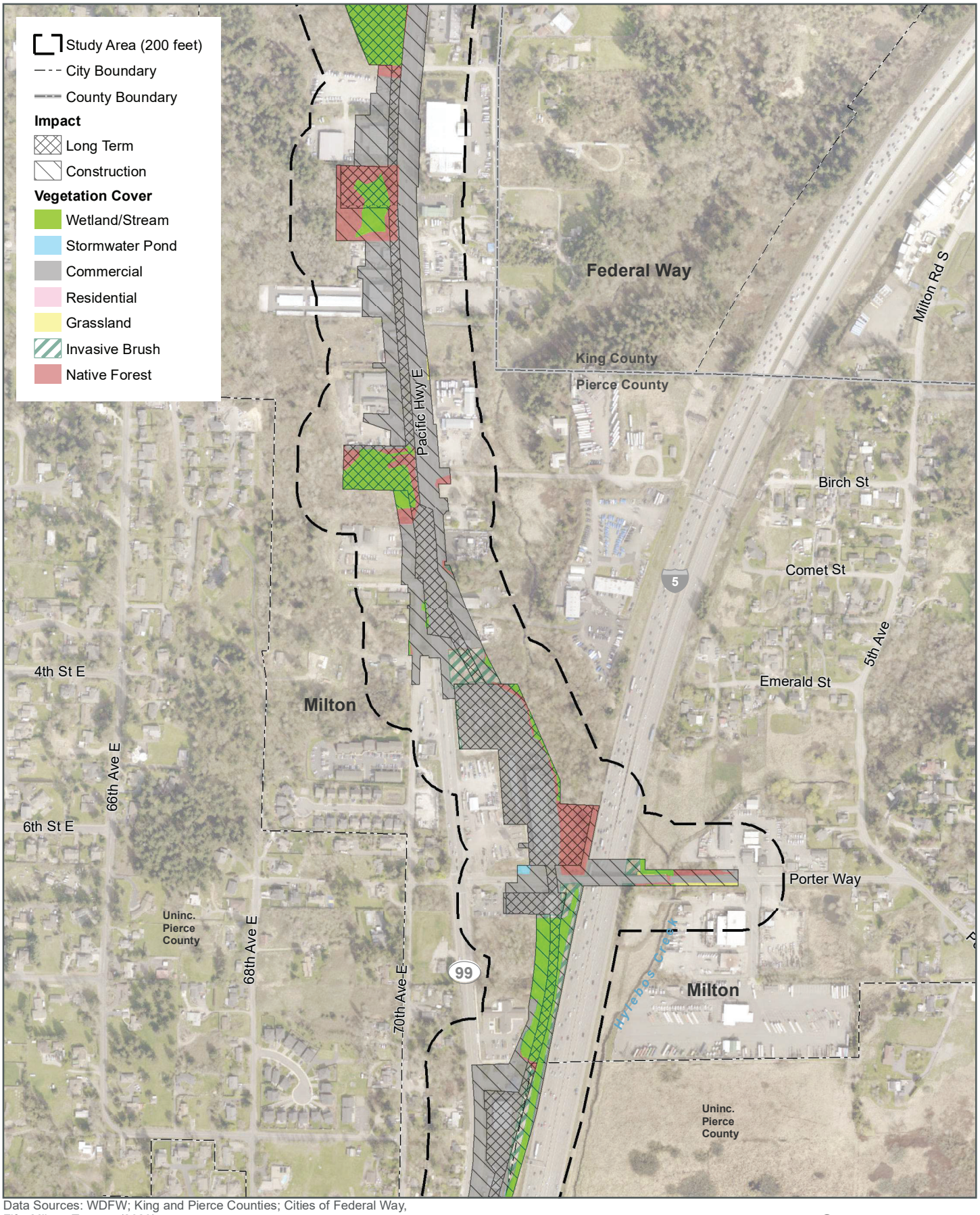

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-15D
Vegetation Cover Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

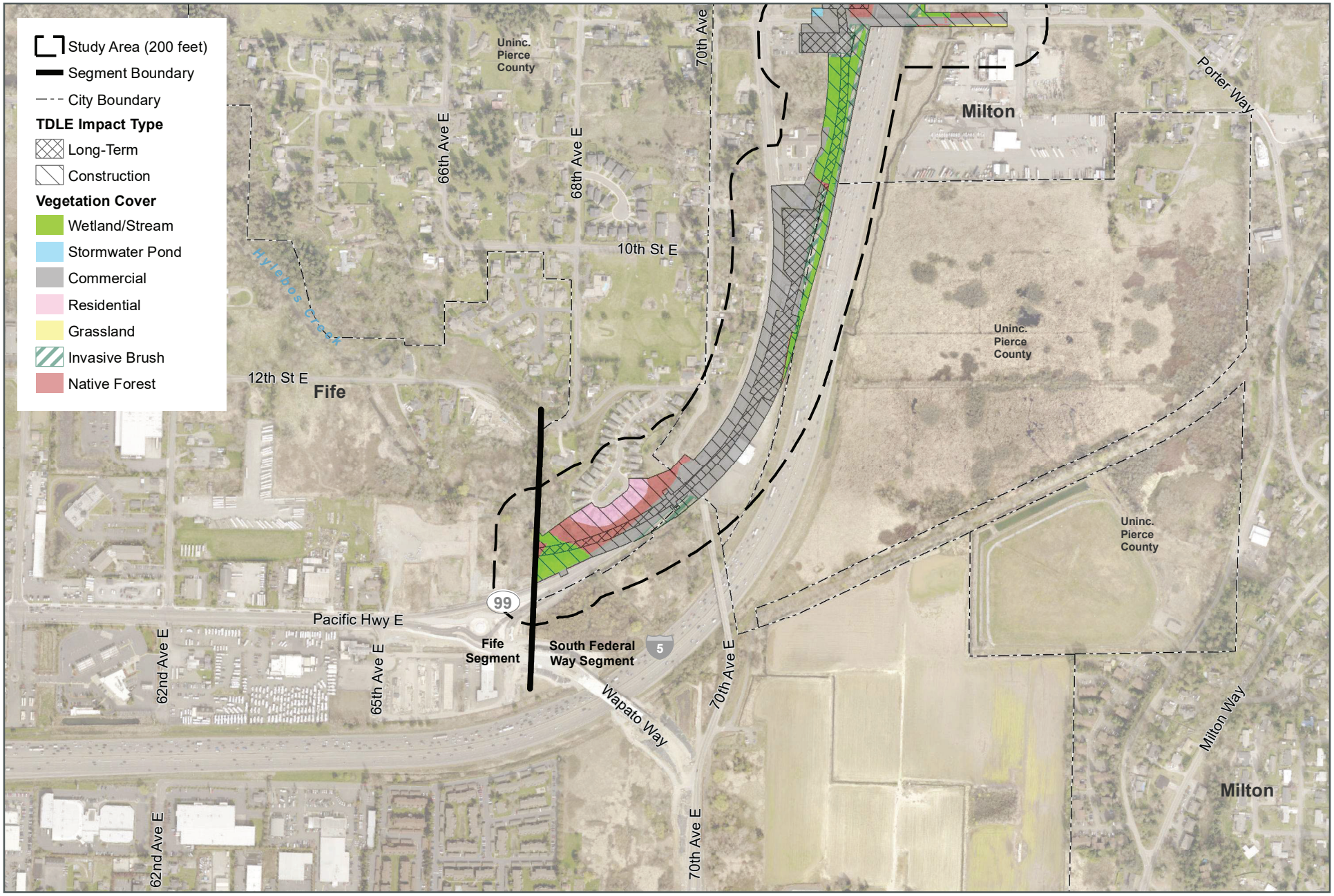

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-15E
Vegetation Cover Impacts
SF 99-West Alternative
Tacoma Dome Link Extension

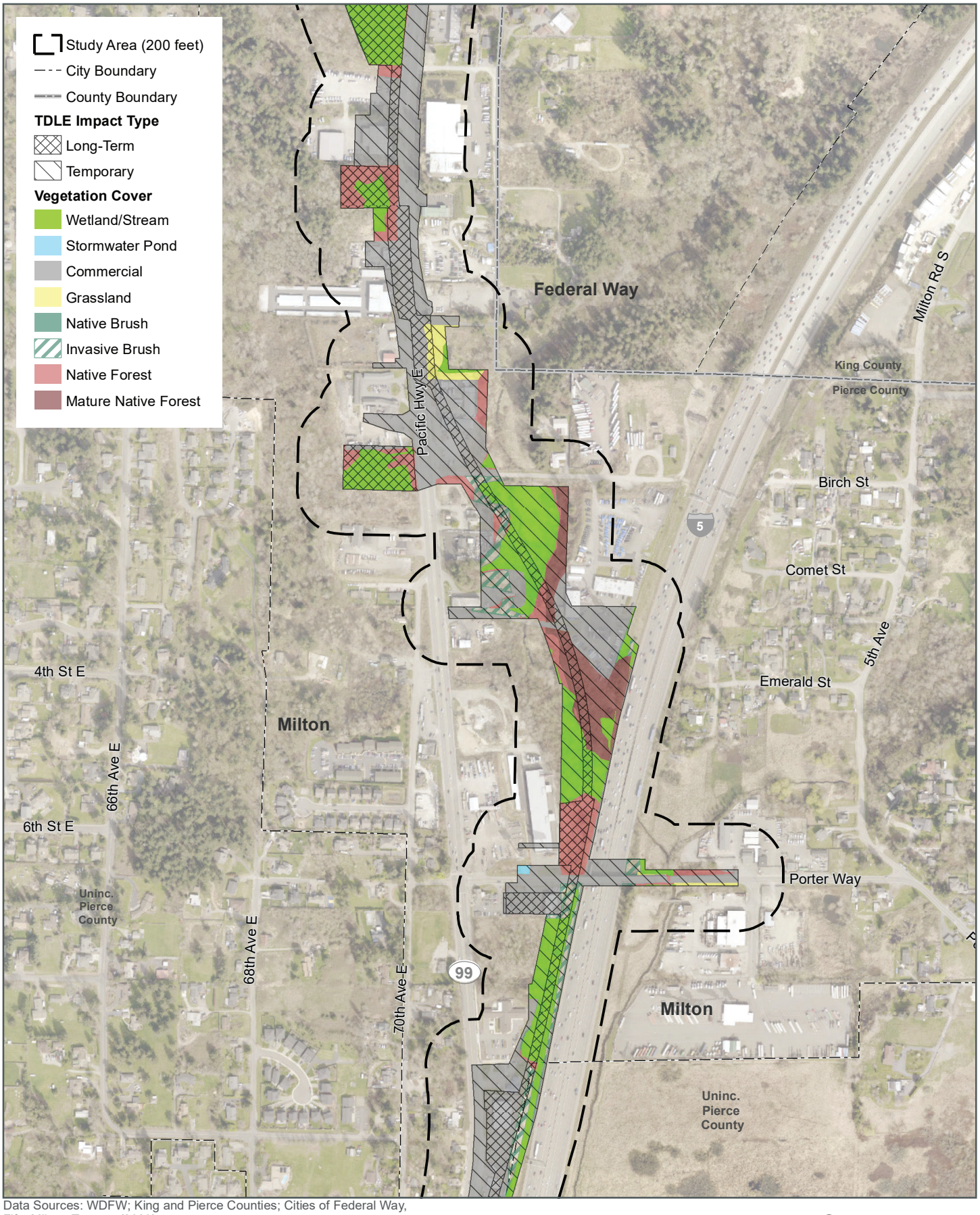

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-15F
Vegetation Cover Impacts
SF 99-West Alternative with Porter Way Design Option
Tacoma Dome Link Extension

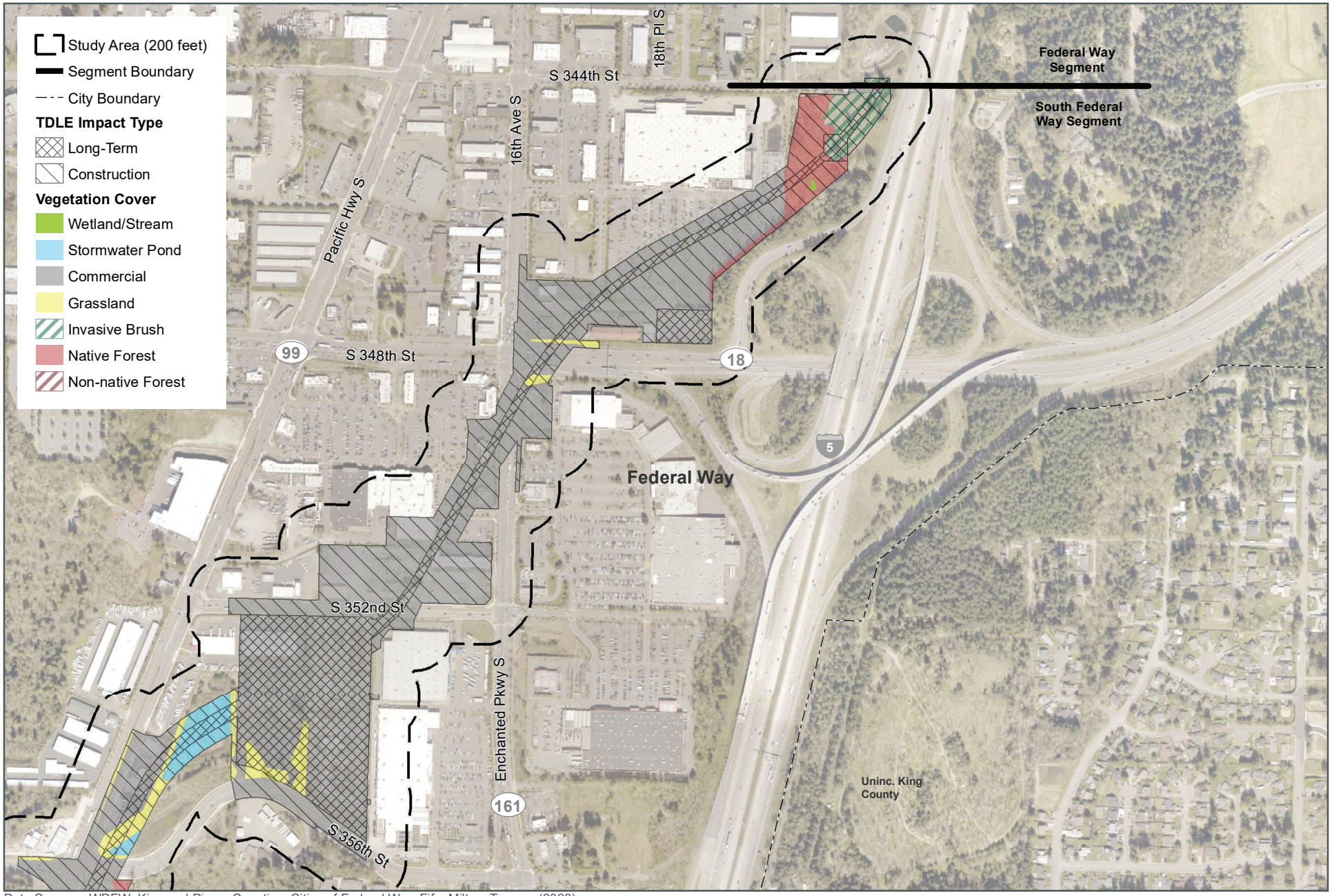

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-16A
Vegetation Cover Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

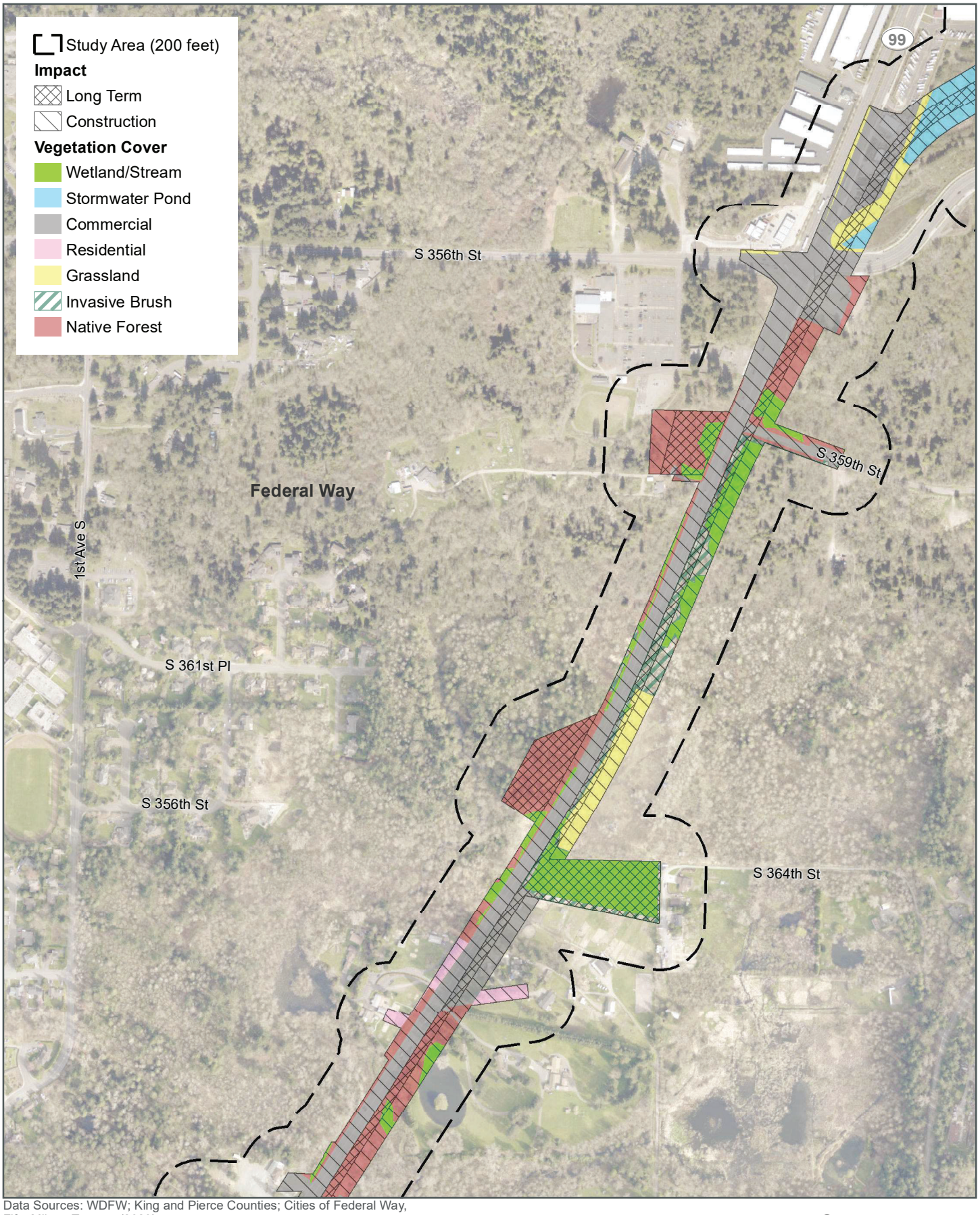

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-16B
Vegetation Cover Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

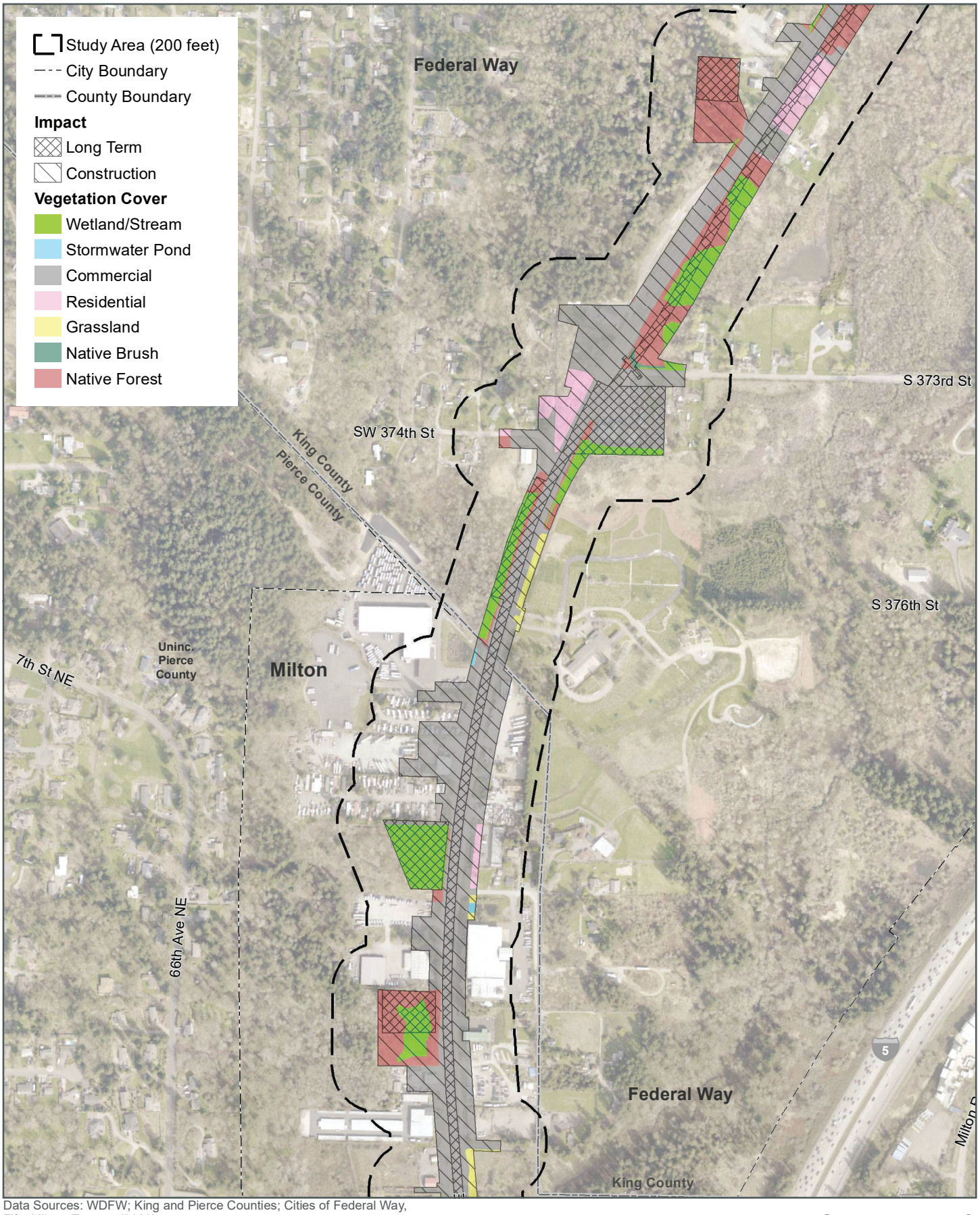

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-16C
Vegetation Cover Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

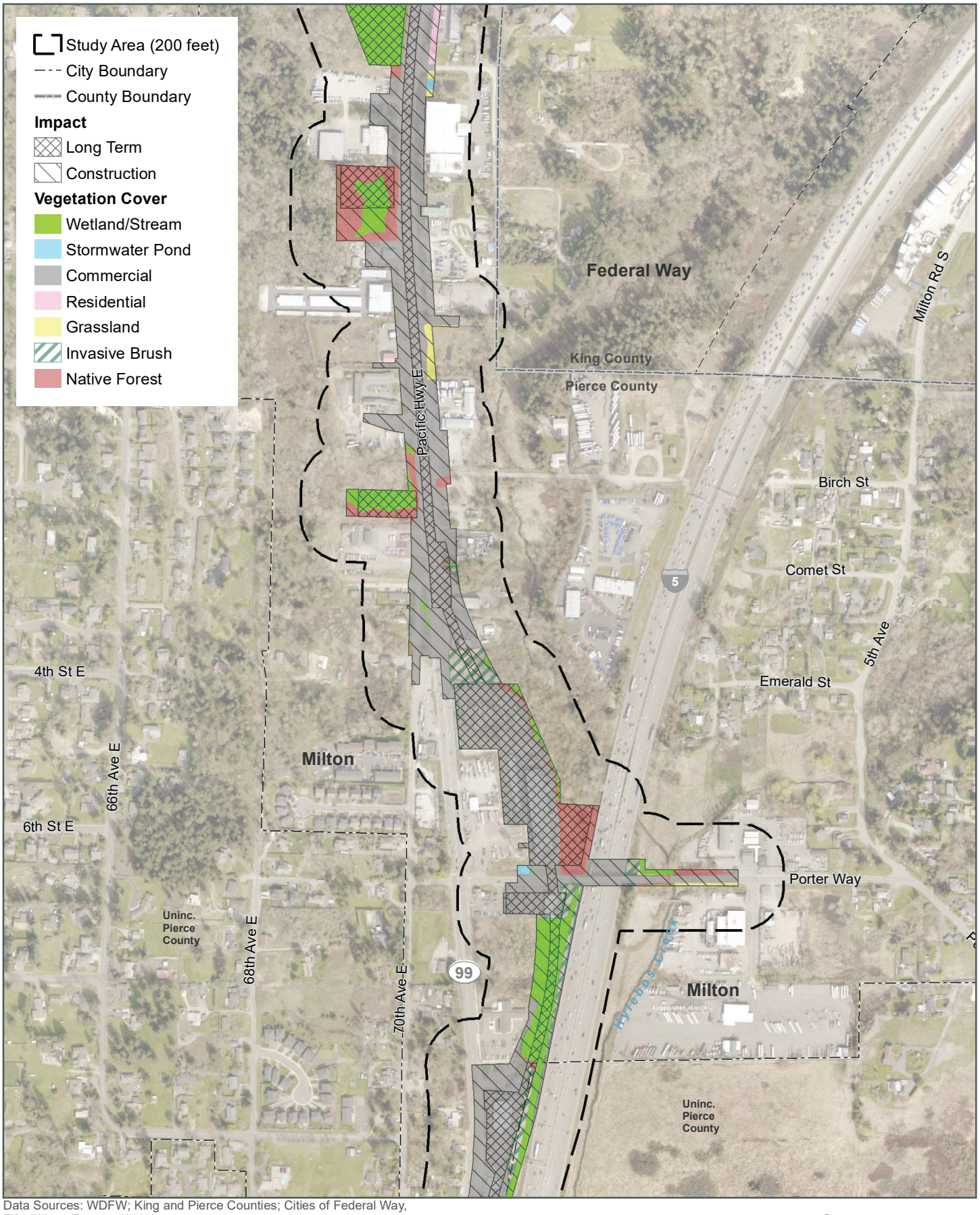

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-16D
Vegetation Cover Impacts
SF 99-East Alternative

Tacoma Dome Link Extension

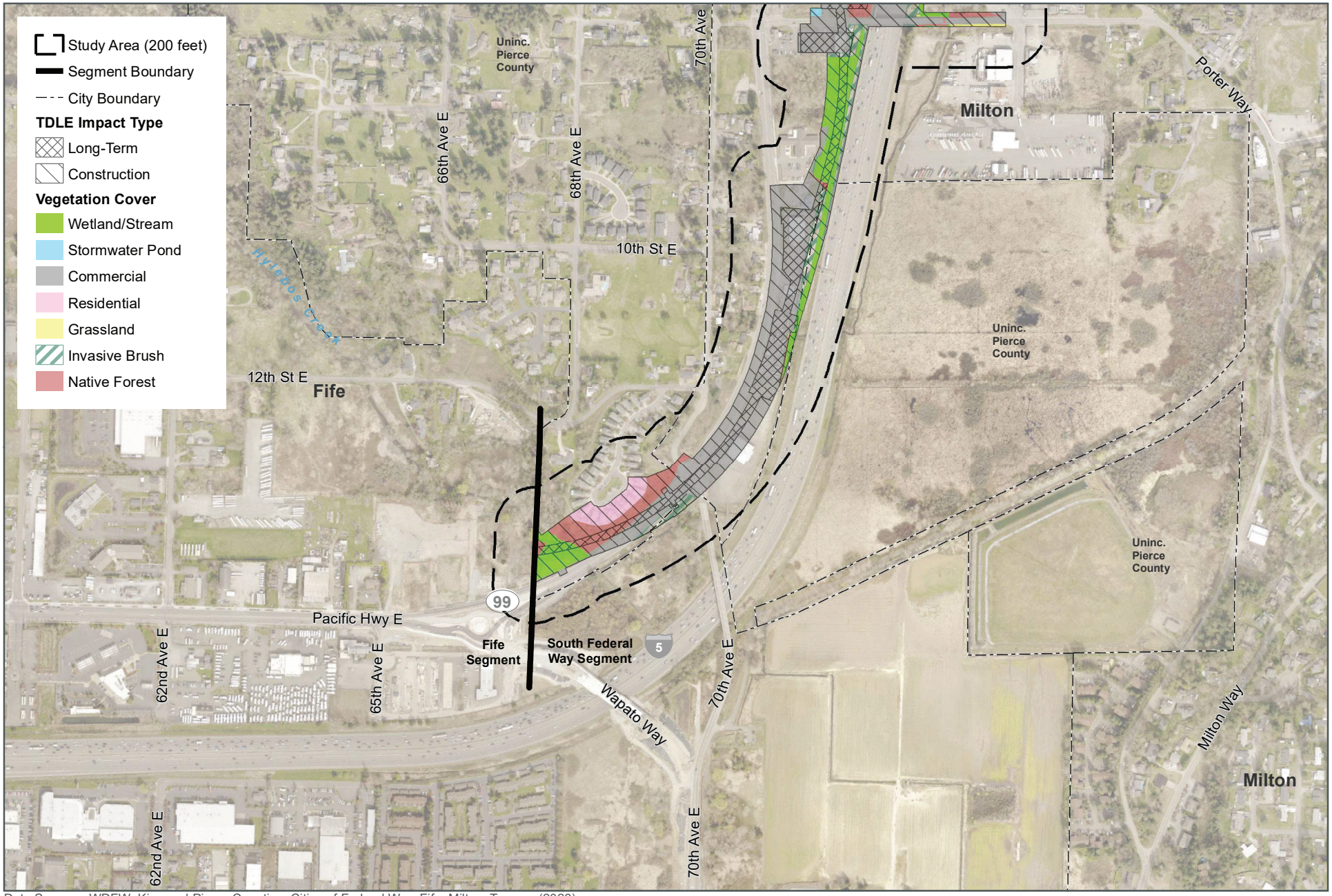

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-16E
Vegetation Cover Impacts
SF 99-East Alternative
Tacoma Dome Link Extension

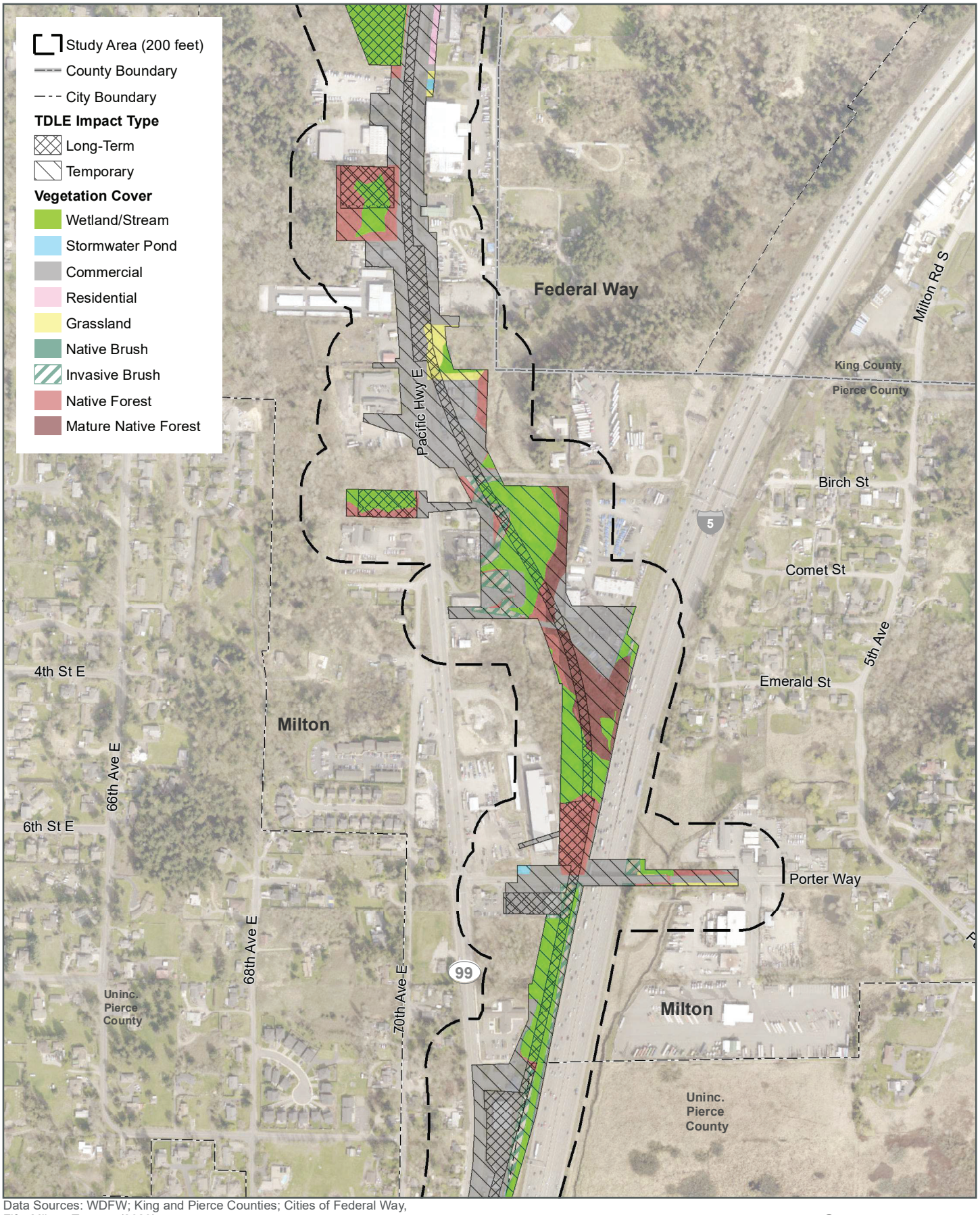

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-16F
Vegetation Cover Impacts
SF 99-East with Porter Way Design Option
Tacoma Dome Link Extension

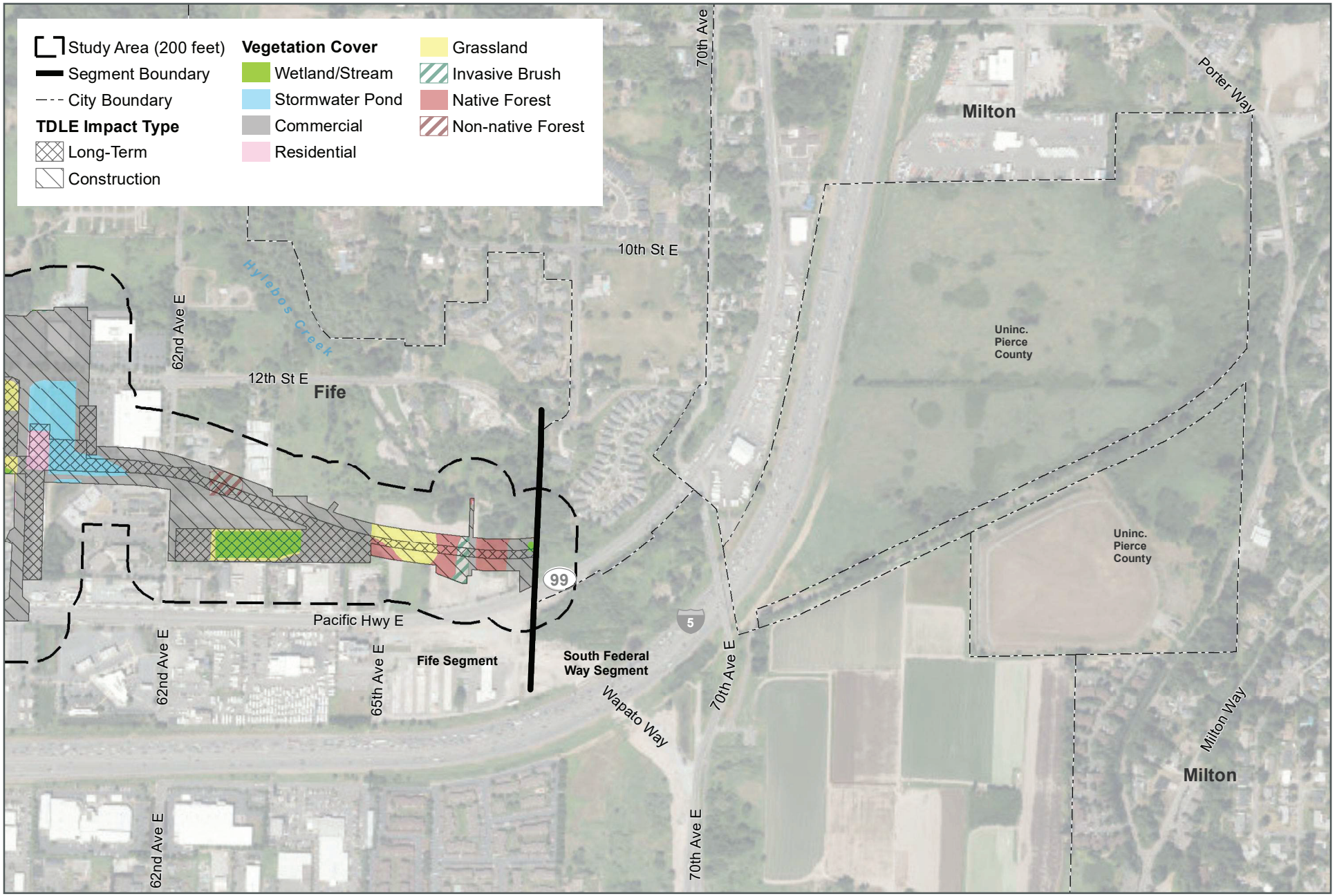

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-17A
Vegetation Cover Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

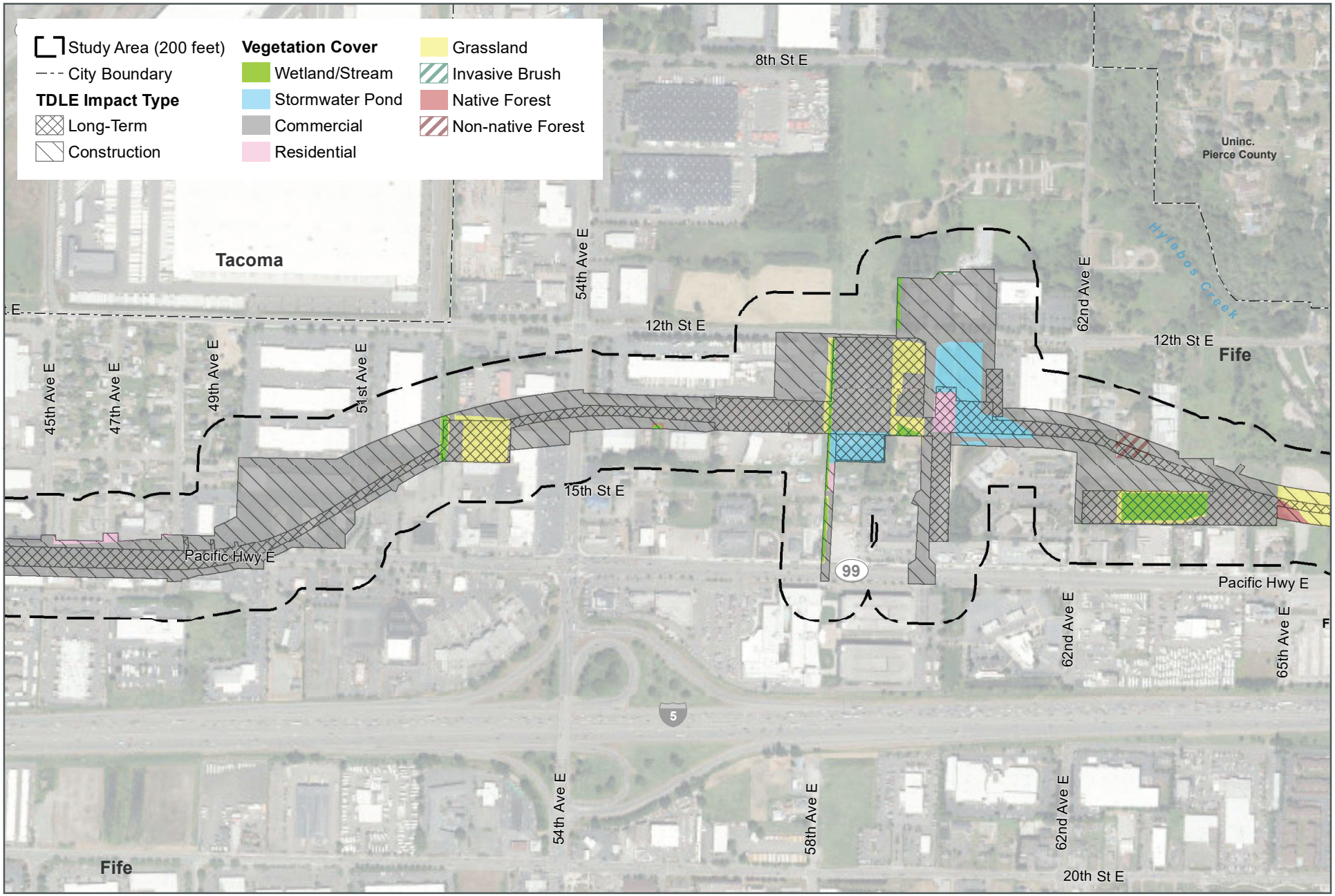

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-17B
Vegetation Cover Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

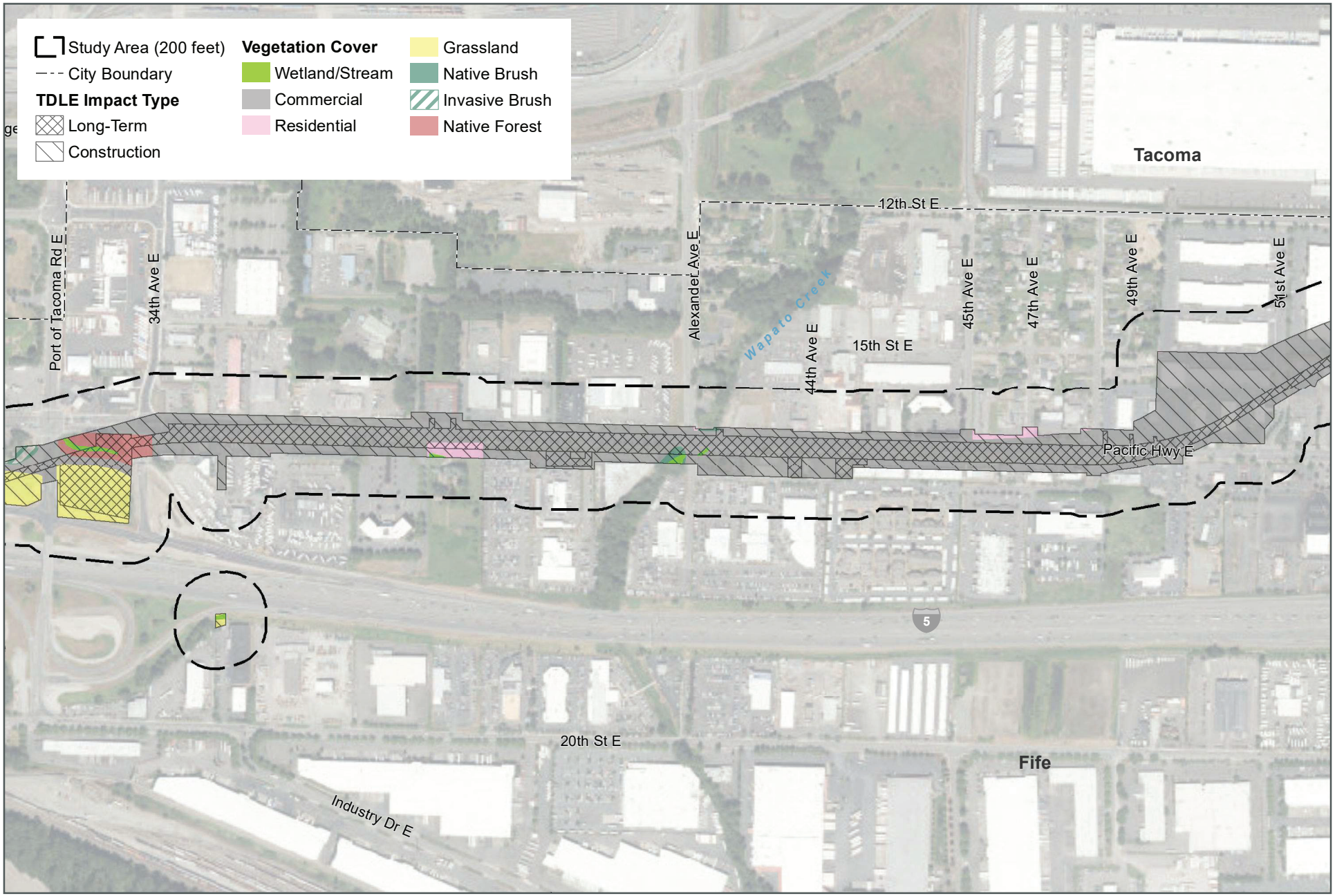

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-17C
Vegetation Cover Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

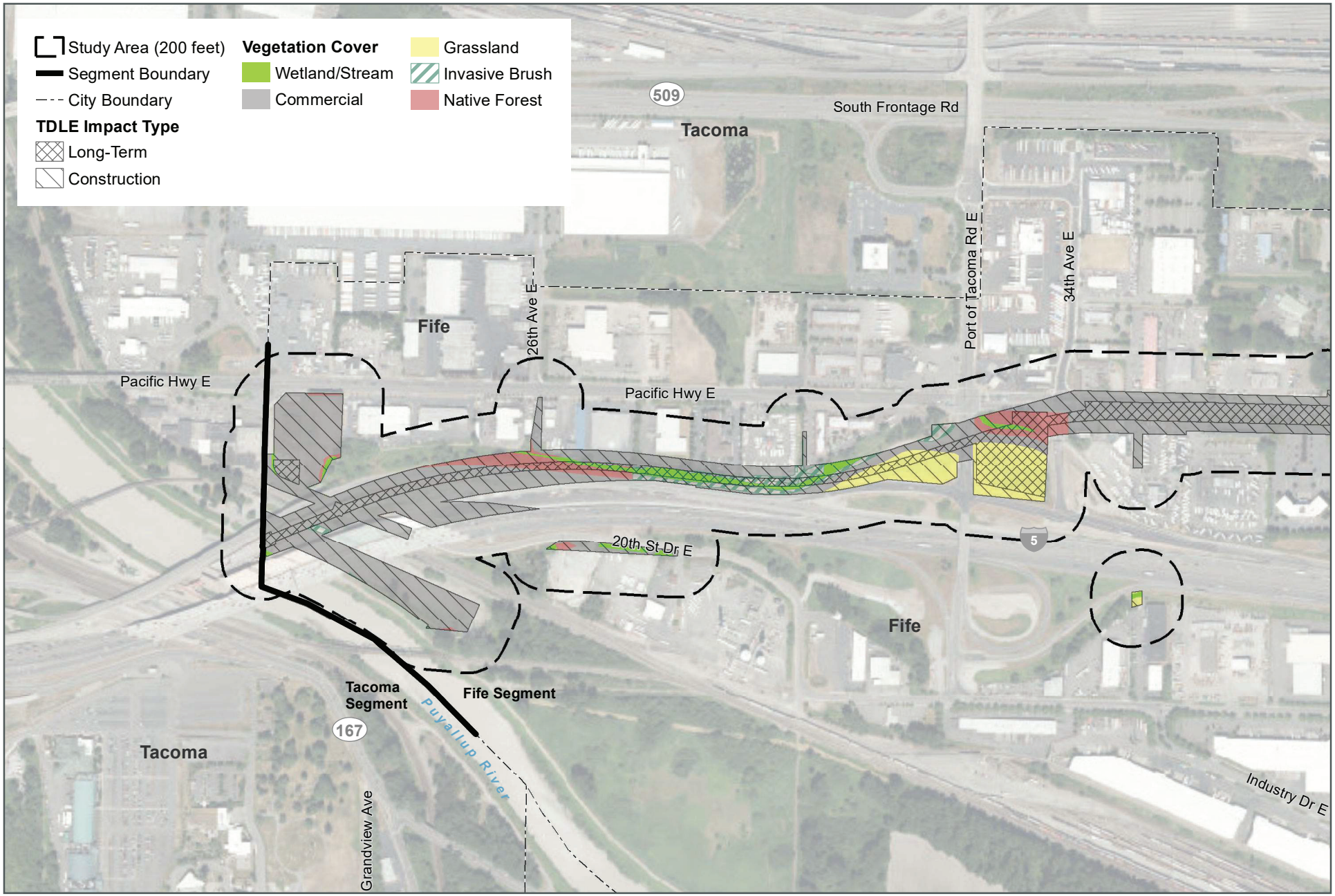

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-17D
Vegetation Cover Impacts
Fife Pacific Highway Alternative
Tacoma Dome Link Extension

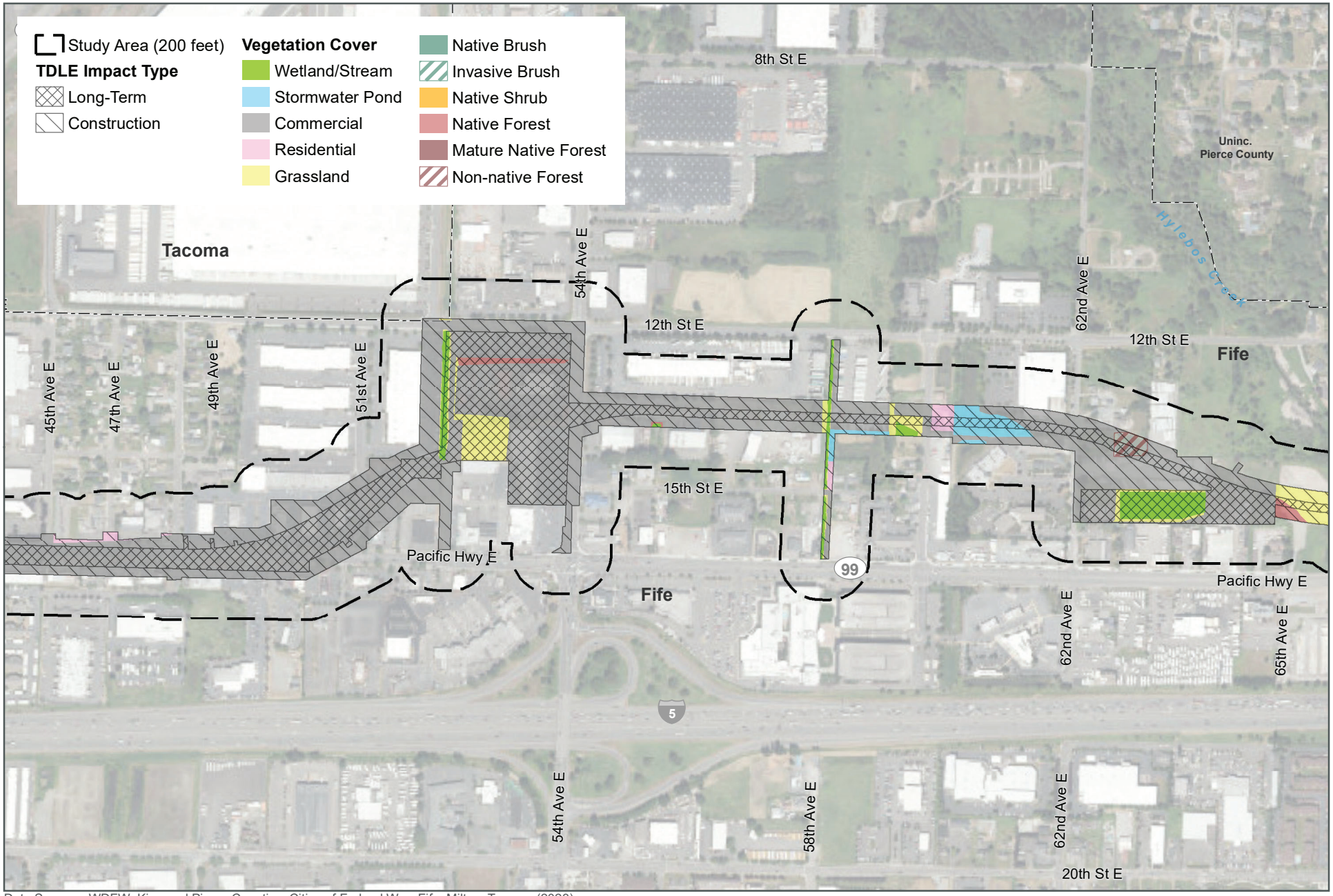

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-17E

Vegetation Cover Impacts

Fife Pacific Highway Alternative 54th Avenue Design Option

Tacoma Dome Link Extension

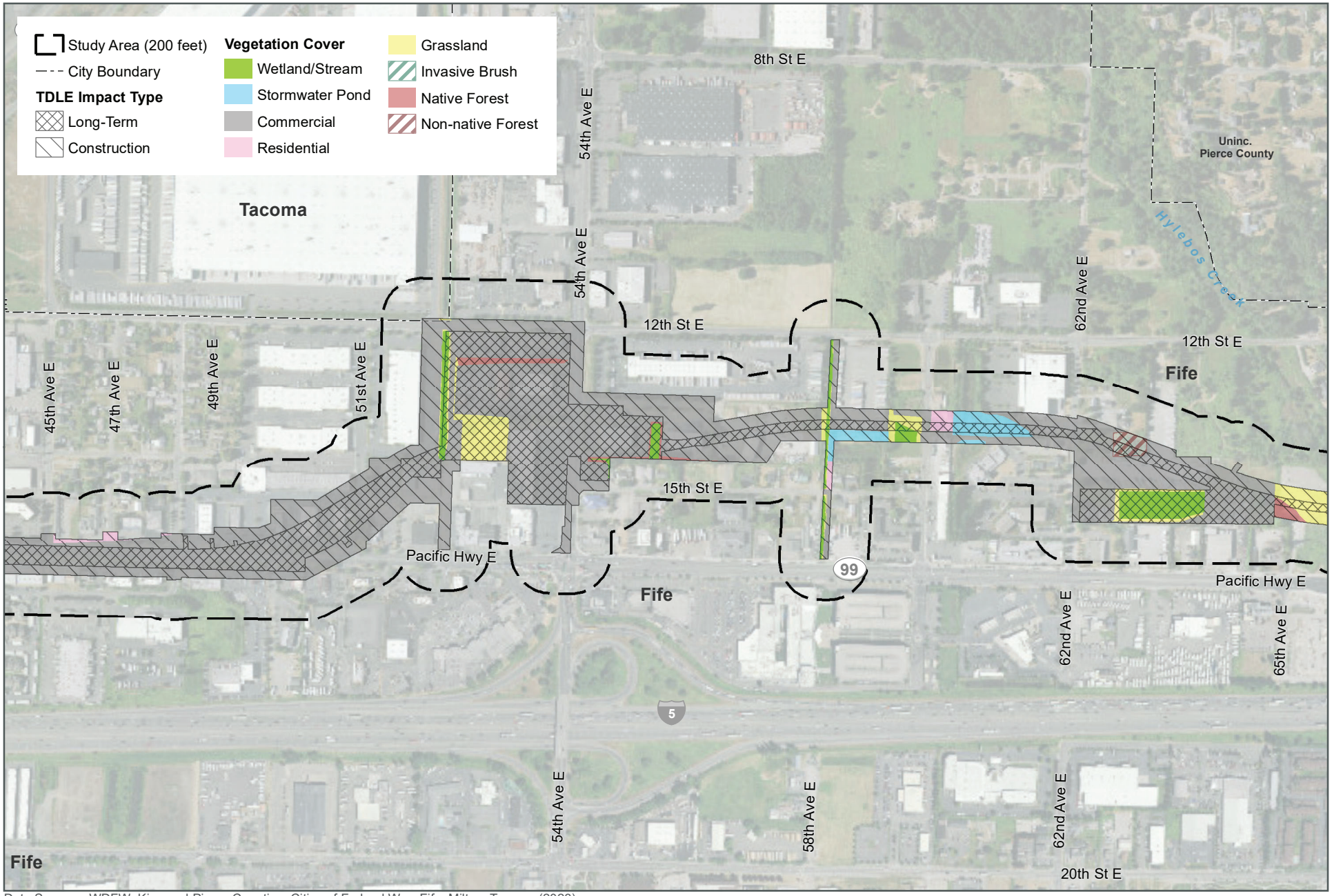

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-17F

Vegetation Cover Impacts

Fife Pacific Highway Alternative 54th Span Design Option

Tacoma Dome Link Extension

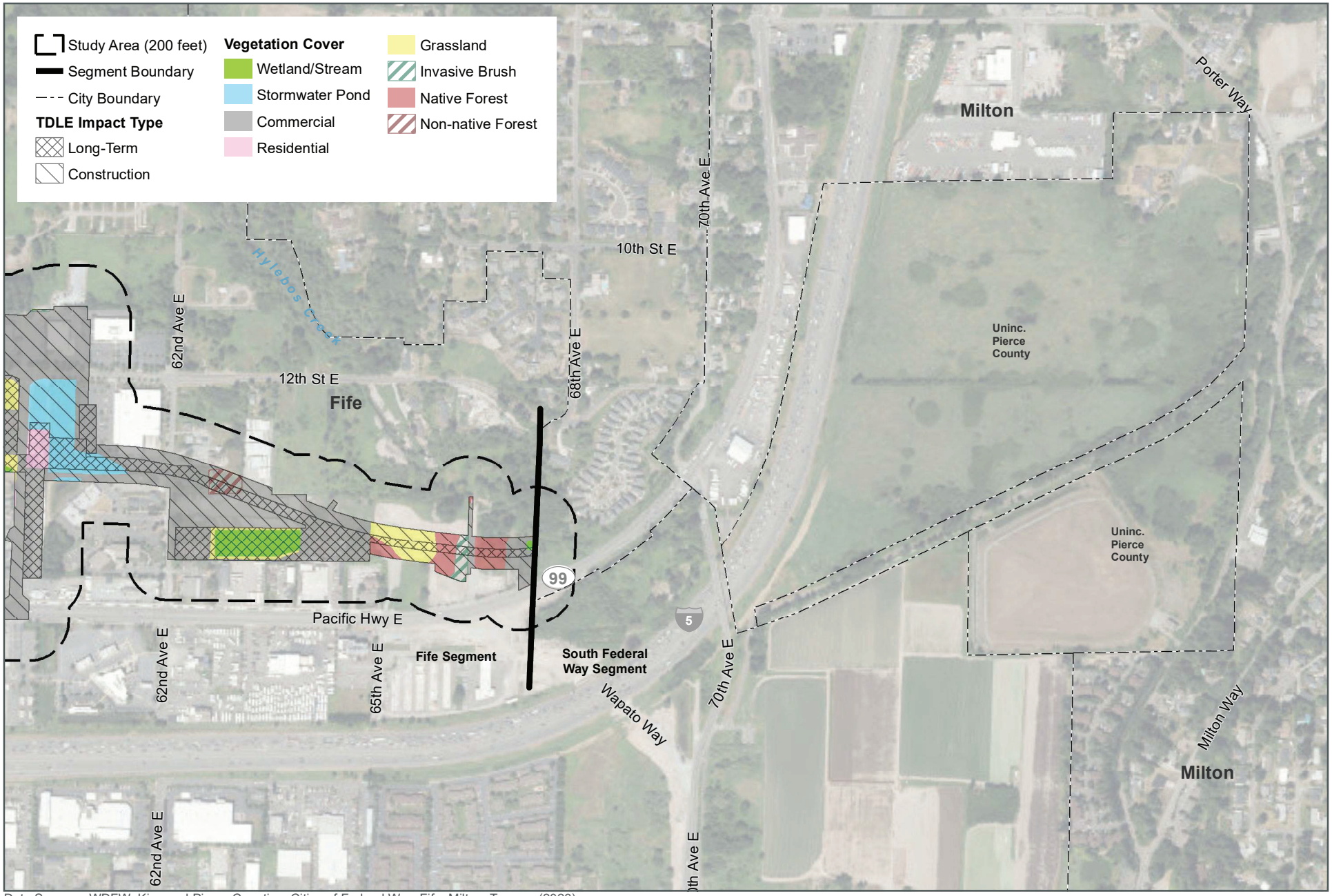

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-18A
Vegetation Cover Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

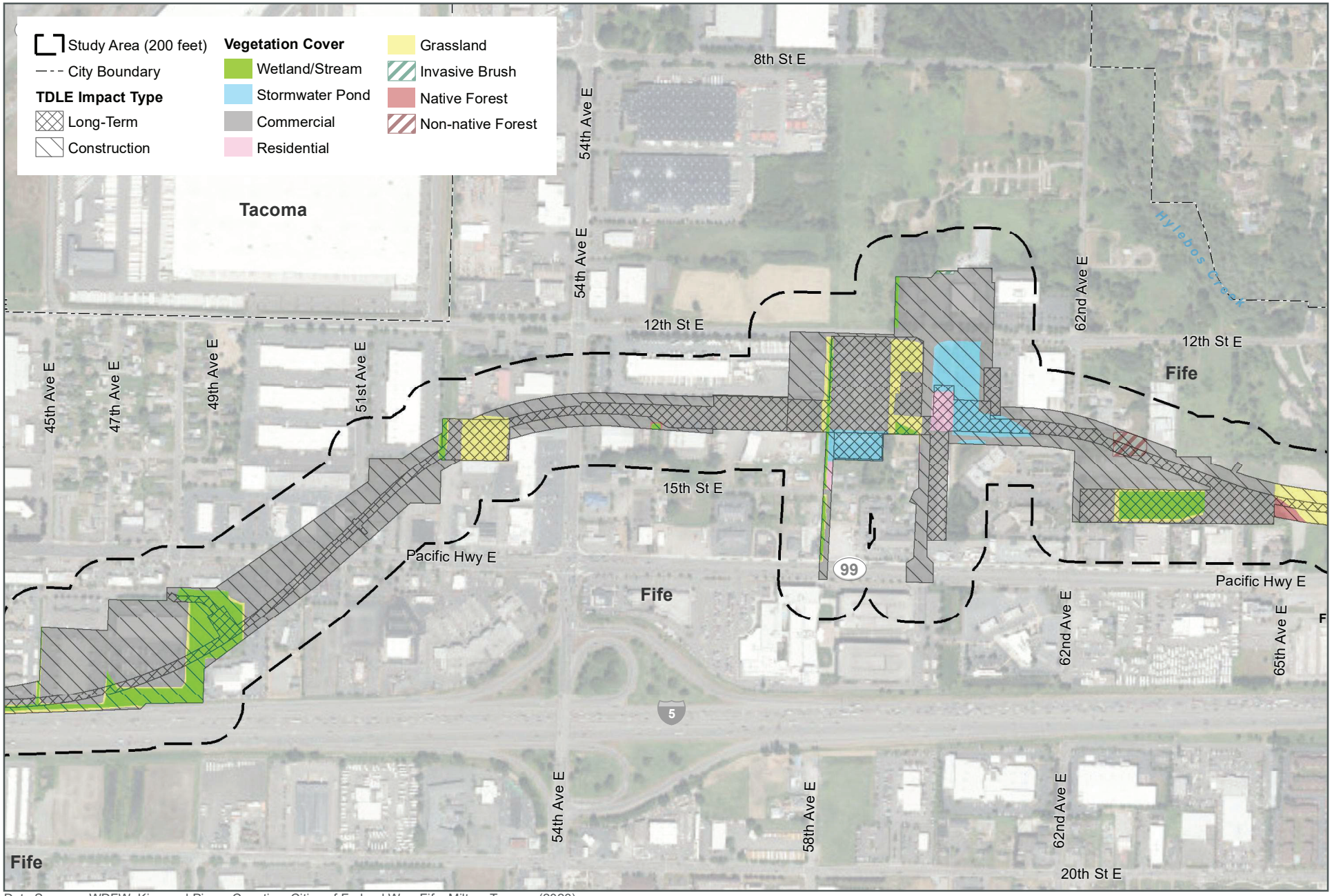

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-18B
Vegetation Cover Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

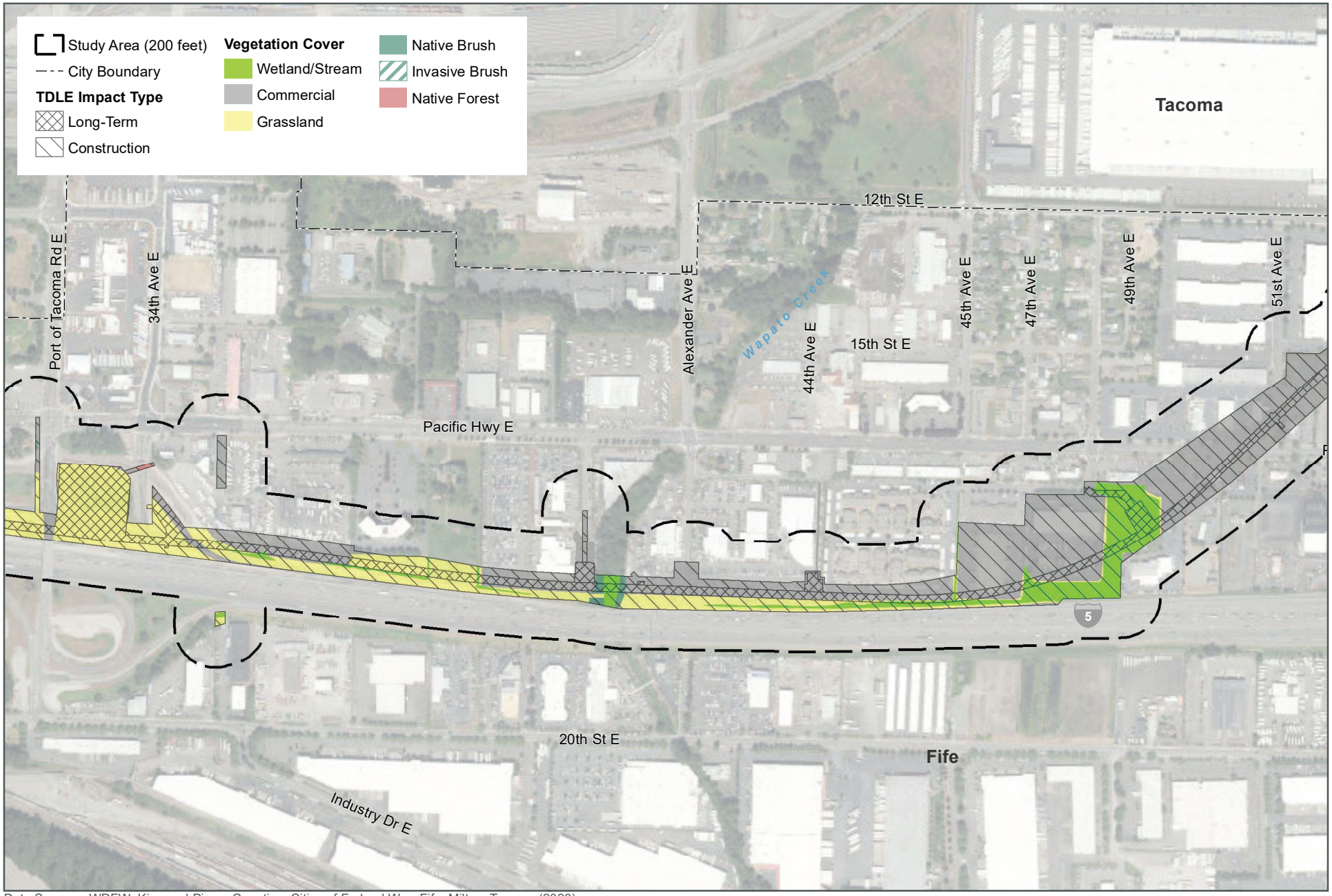

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-18C
Vegetation Cover Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

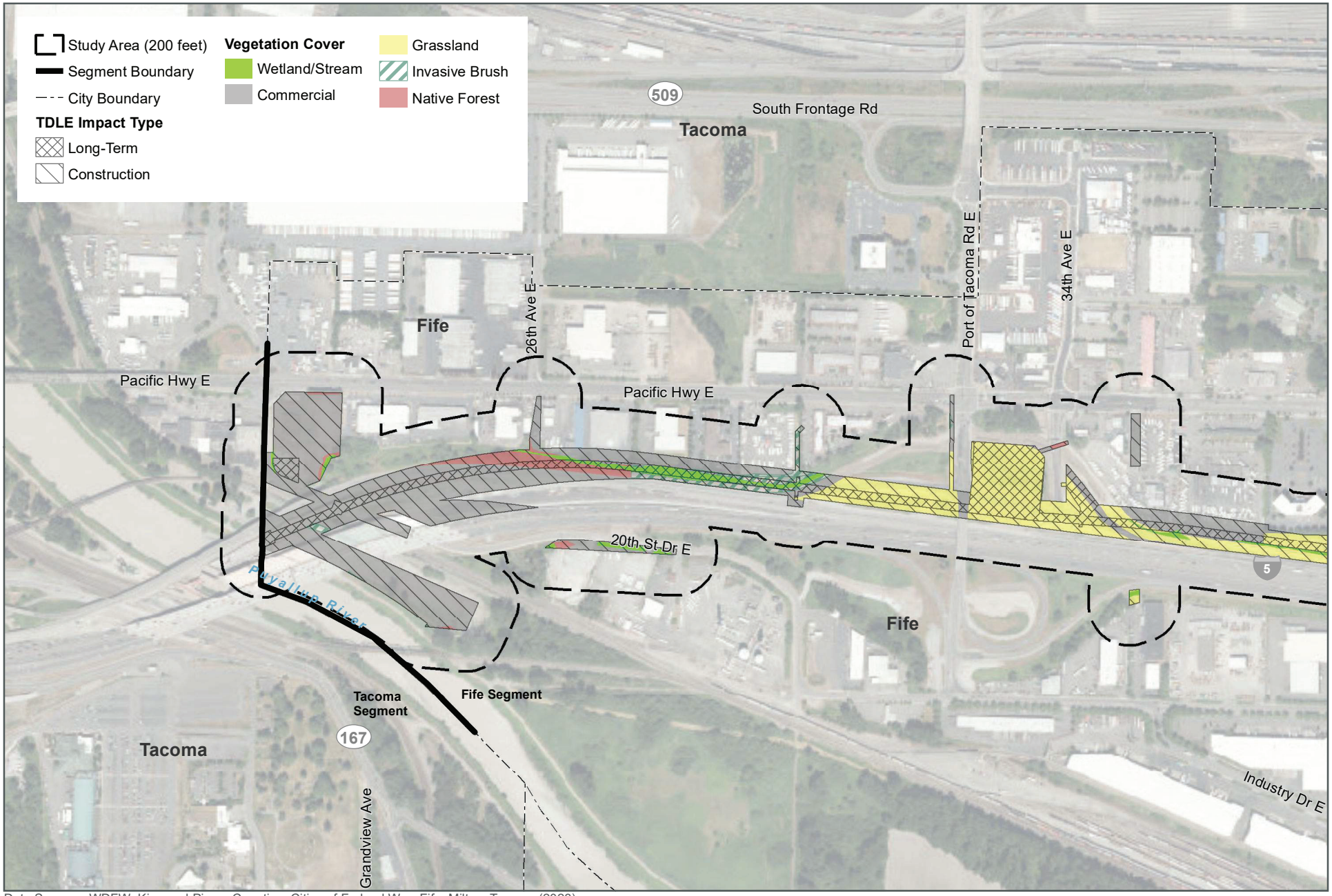

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-18D
Vegetation Cover Impacts
Fife I-5 Alternative
Tacoma Dome Link Extension

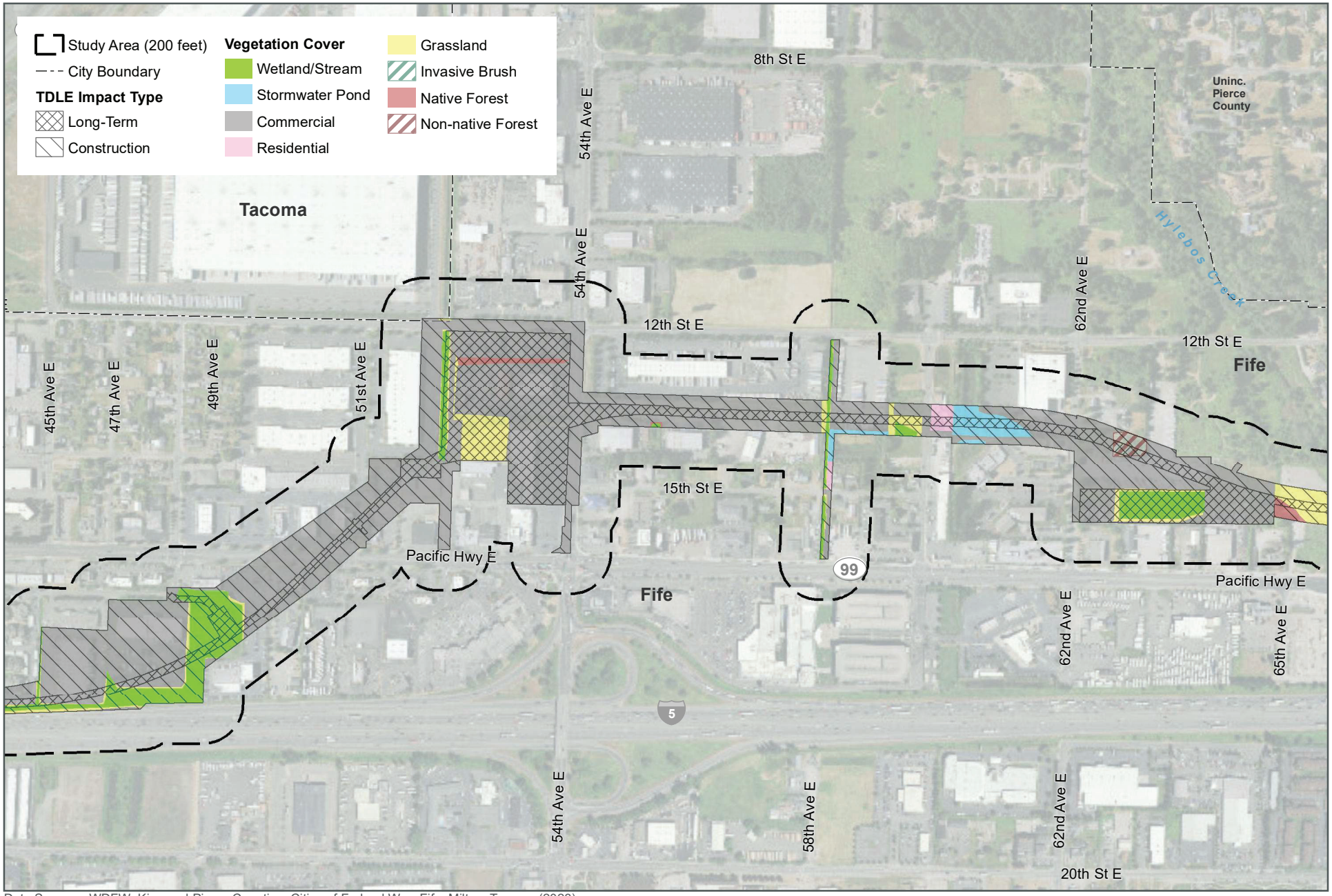

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-18E
Vegetation Cover Impacts
Fife I-5 Alternative 54th Avenue Design Option
Tacoma Dome Link Extension

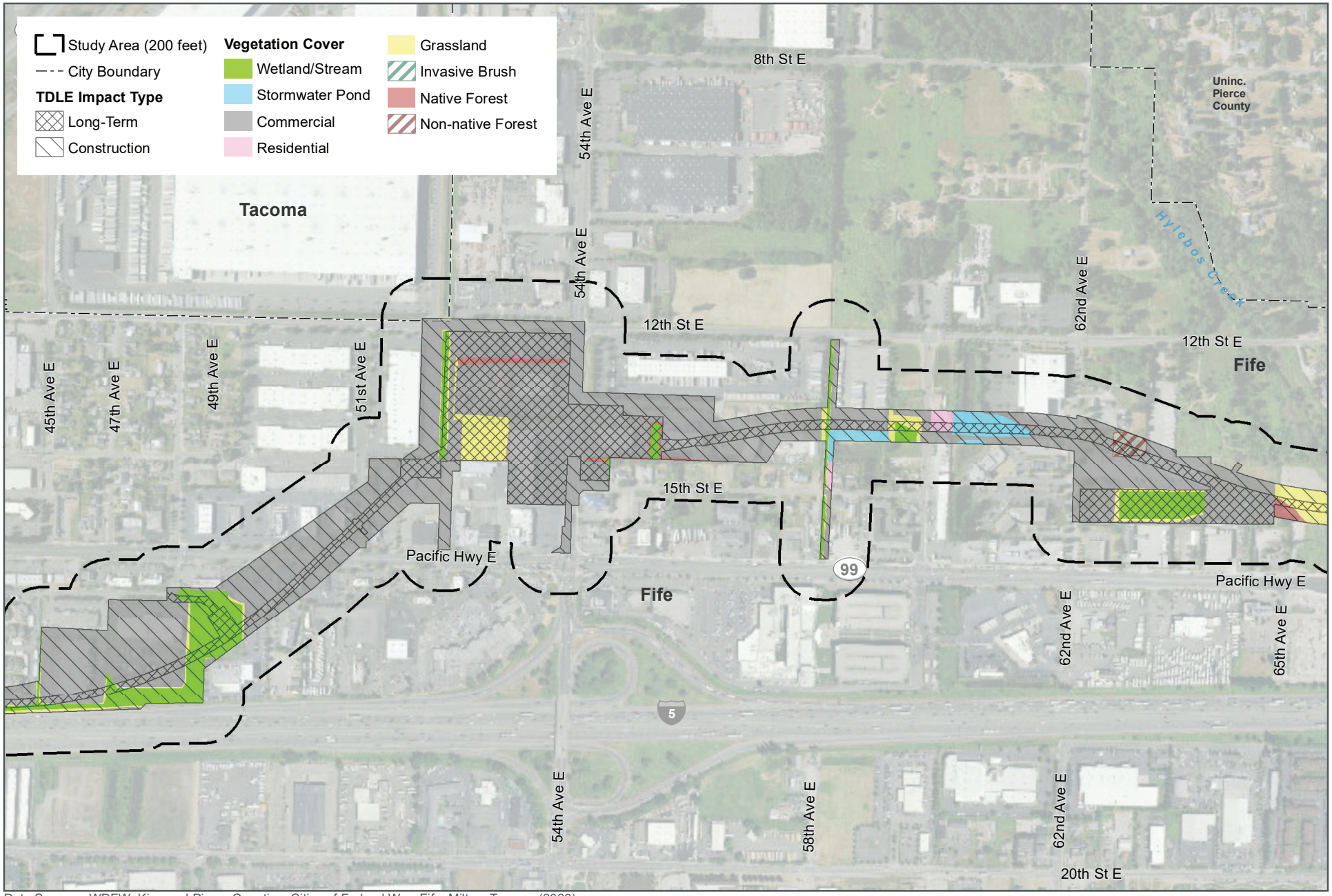

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-18F
Vegetation Cover Impacts
Fife I-5 Alternative 54th Span Design Option
Tacoma Dome Link Extension

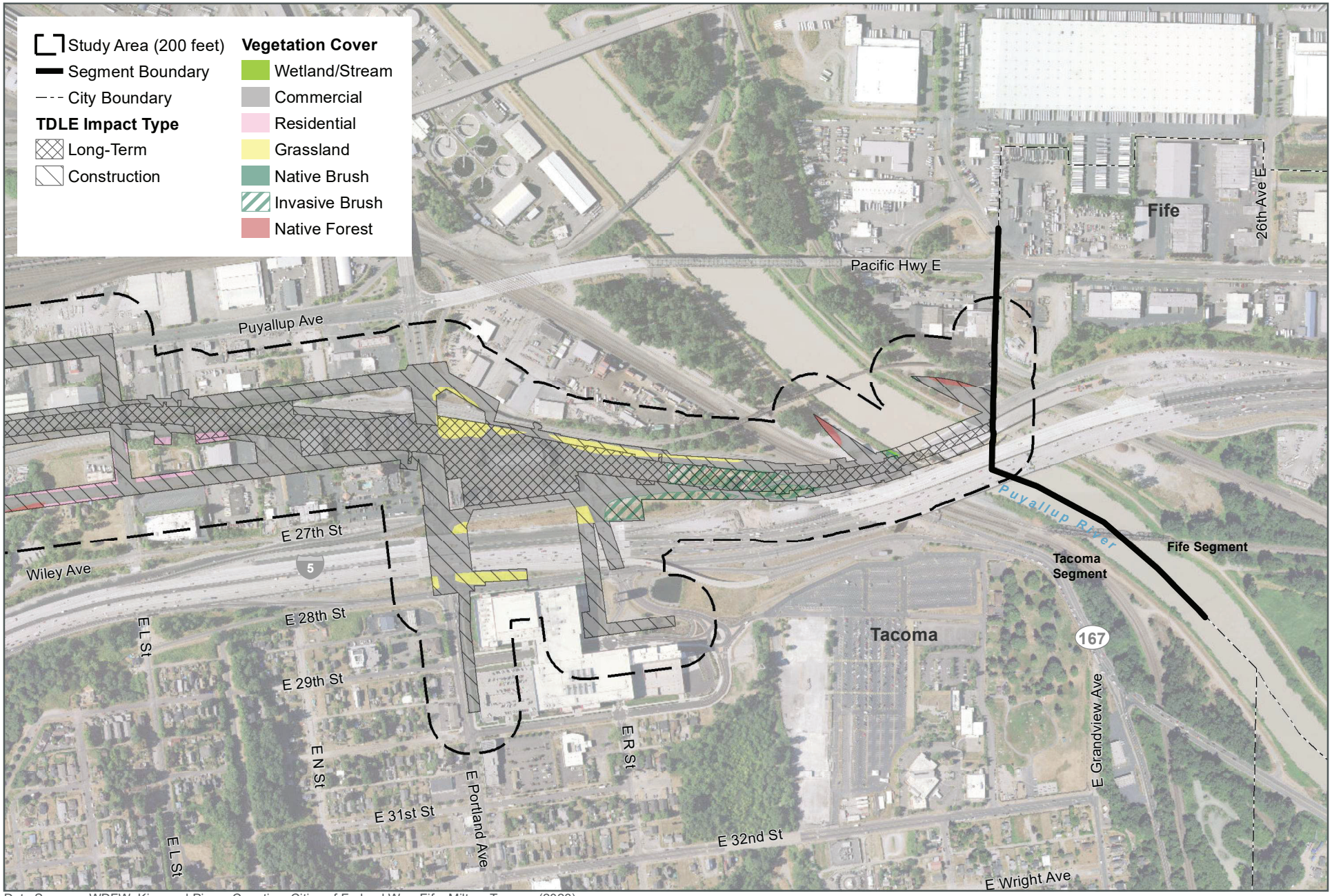

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-19A
Vegetation Cover Impacts
Preferred Tacoma 25th Street-West Alternative
Tacoma Dome Link Extension

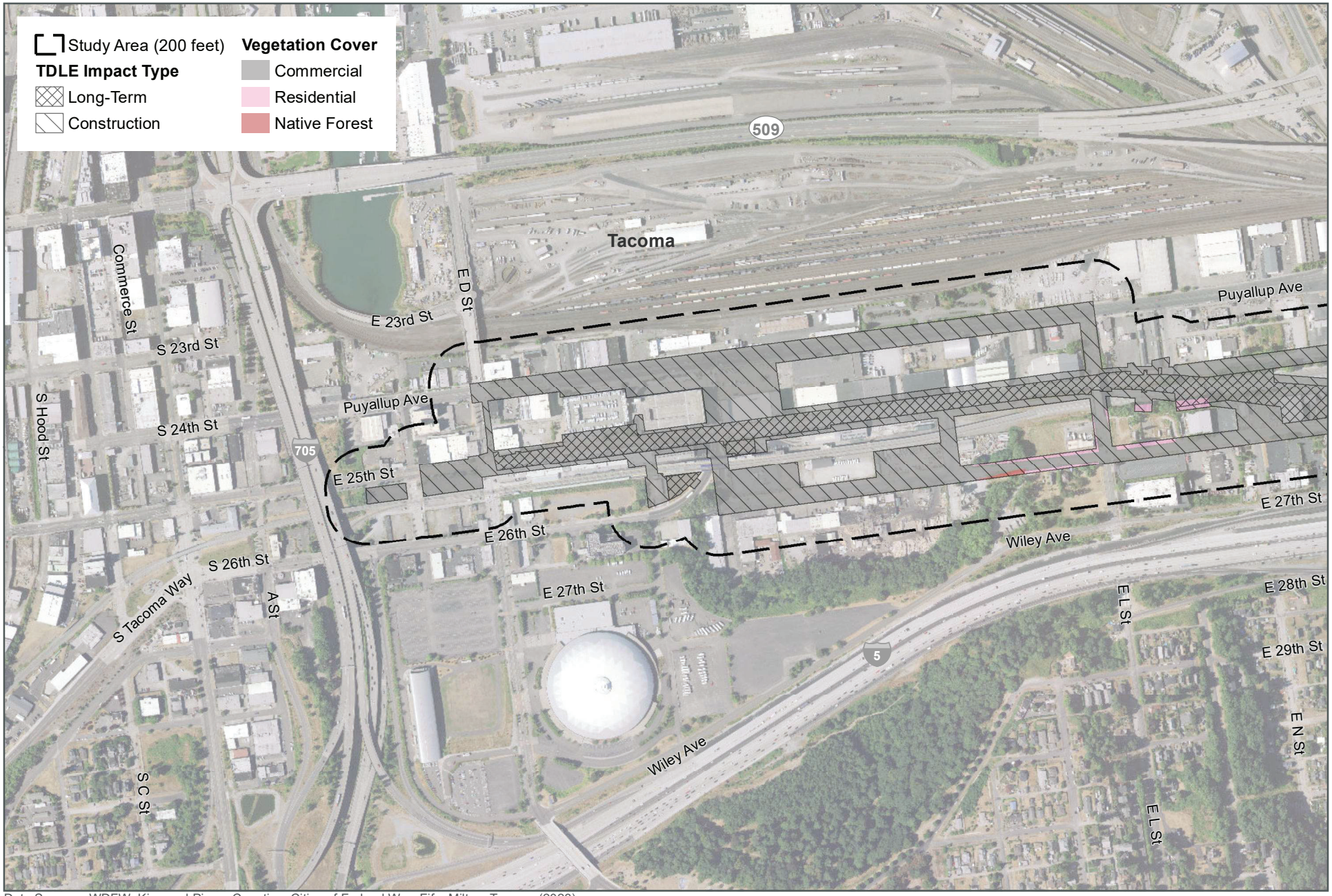

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-19B
Vegetation Cover Impacts
Preferred Tacoma 25th Street-West Alternative
Tacoma Dome Link Extension

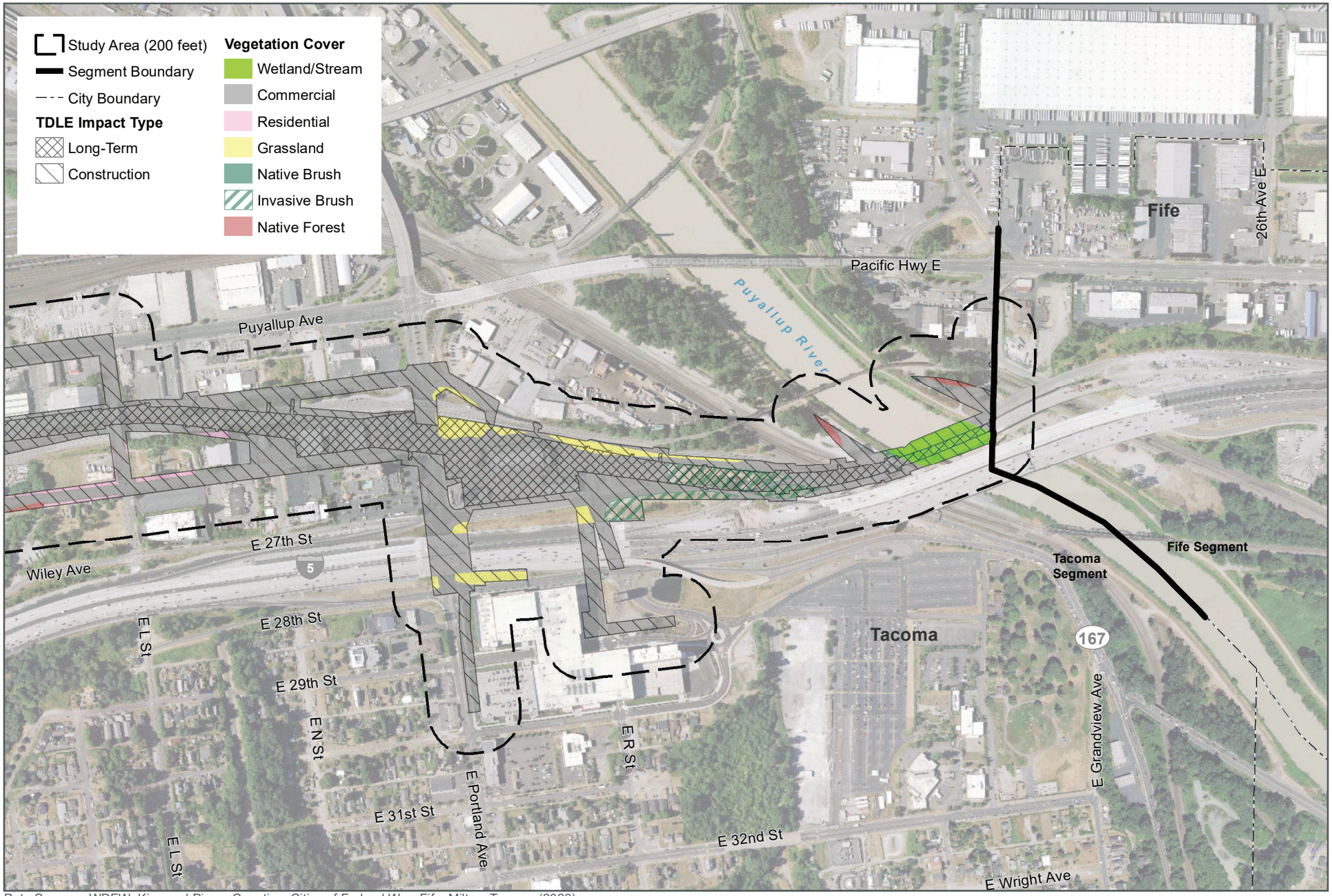

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-20A
Vegetation Cover Impacts
Tacoma 25th Street-East Alternative
Tacoma Dome Link Extension

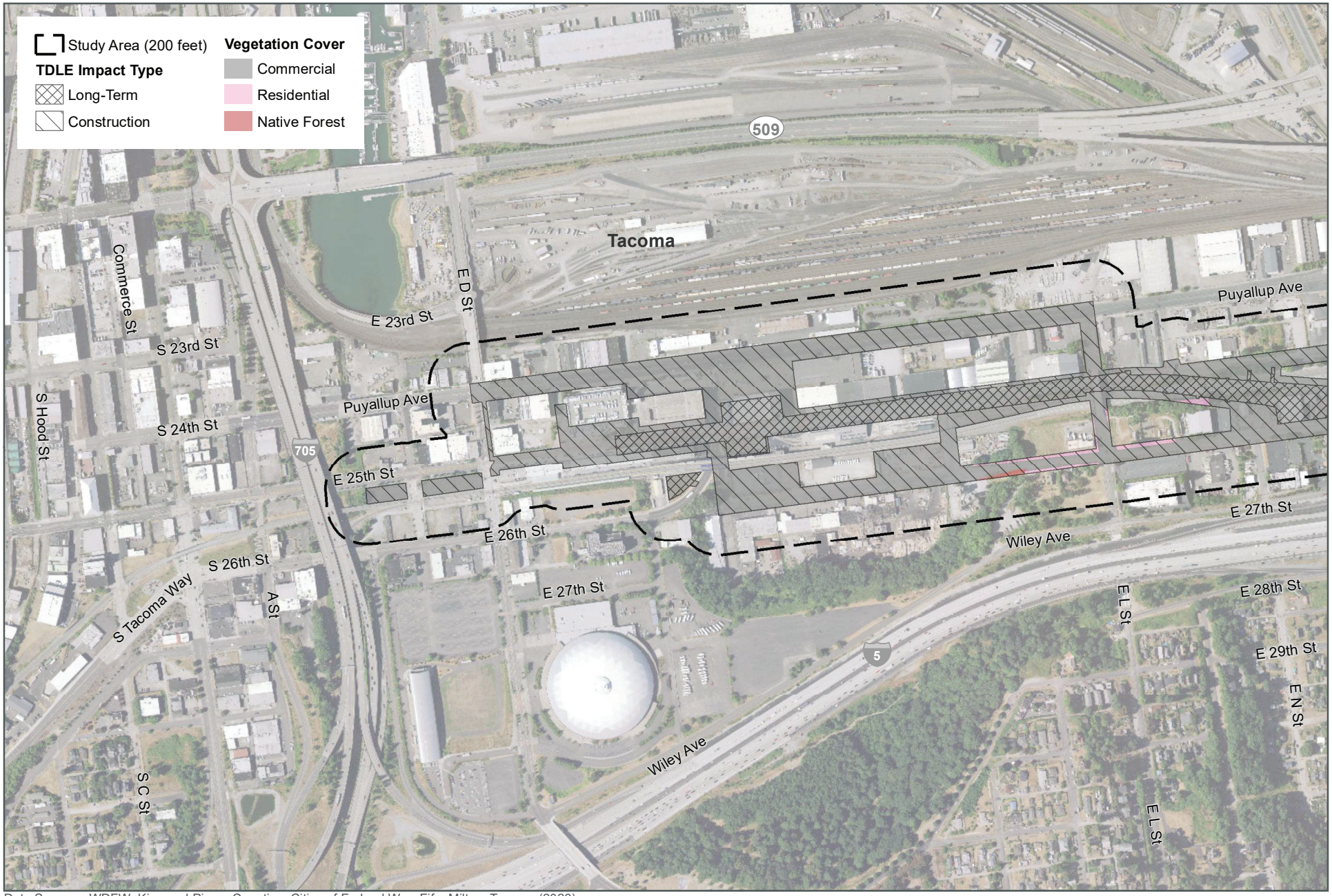

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-20B
Vegetation Cover Impacts
Tacoma 25th Street-East Alternative
Tacoma Dome Link Extension

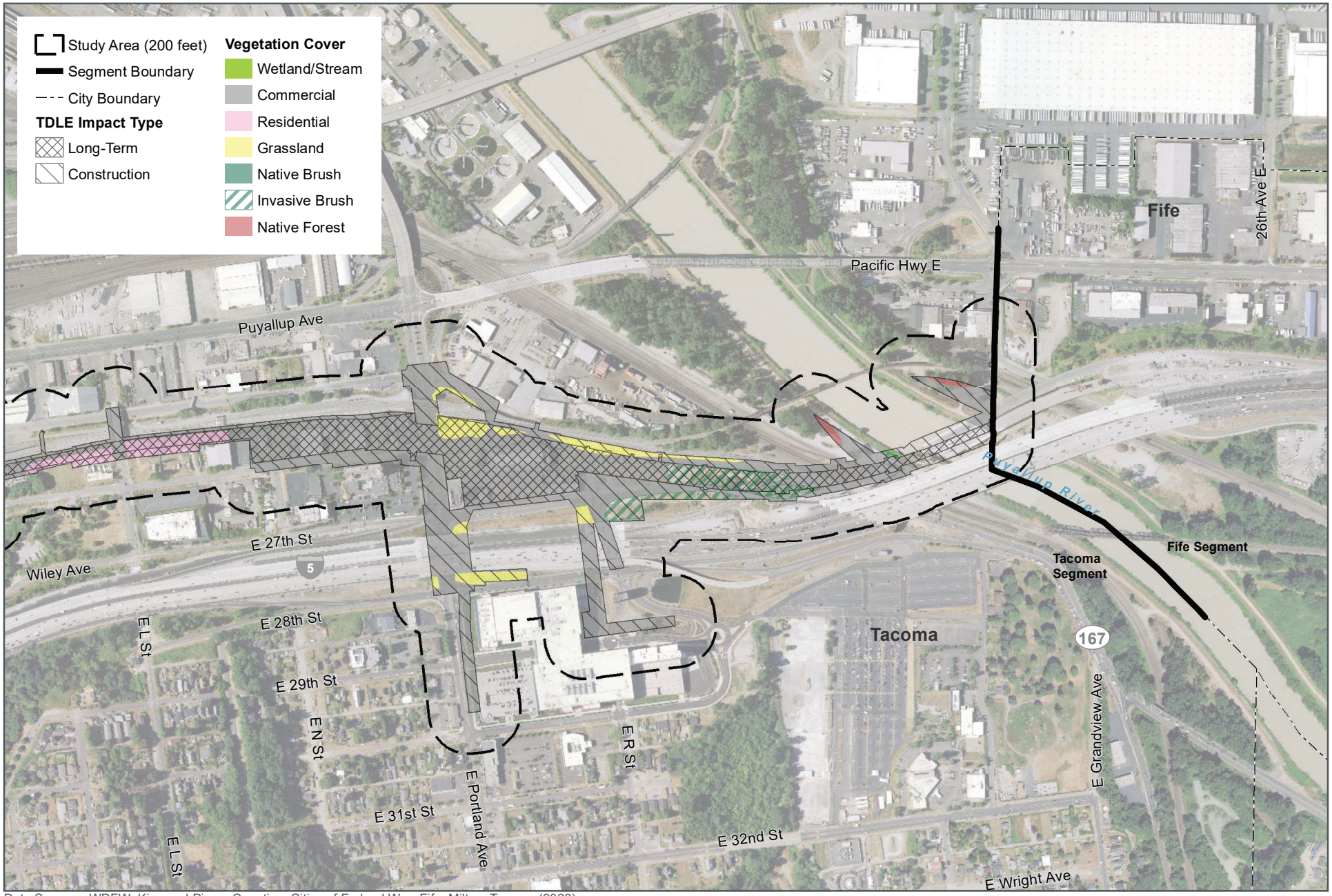

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-21A
Vegetation Cover Impacts
Tacoma Close to Sounder Alternative
Tacoma Dome Link Extension

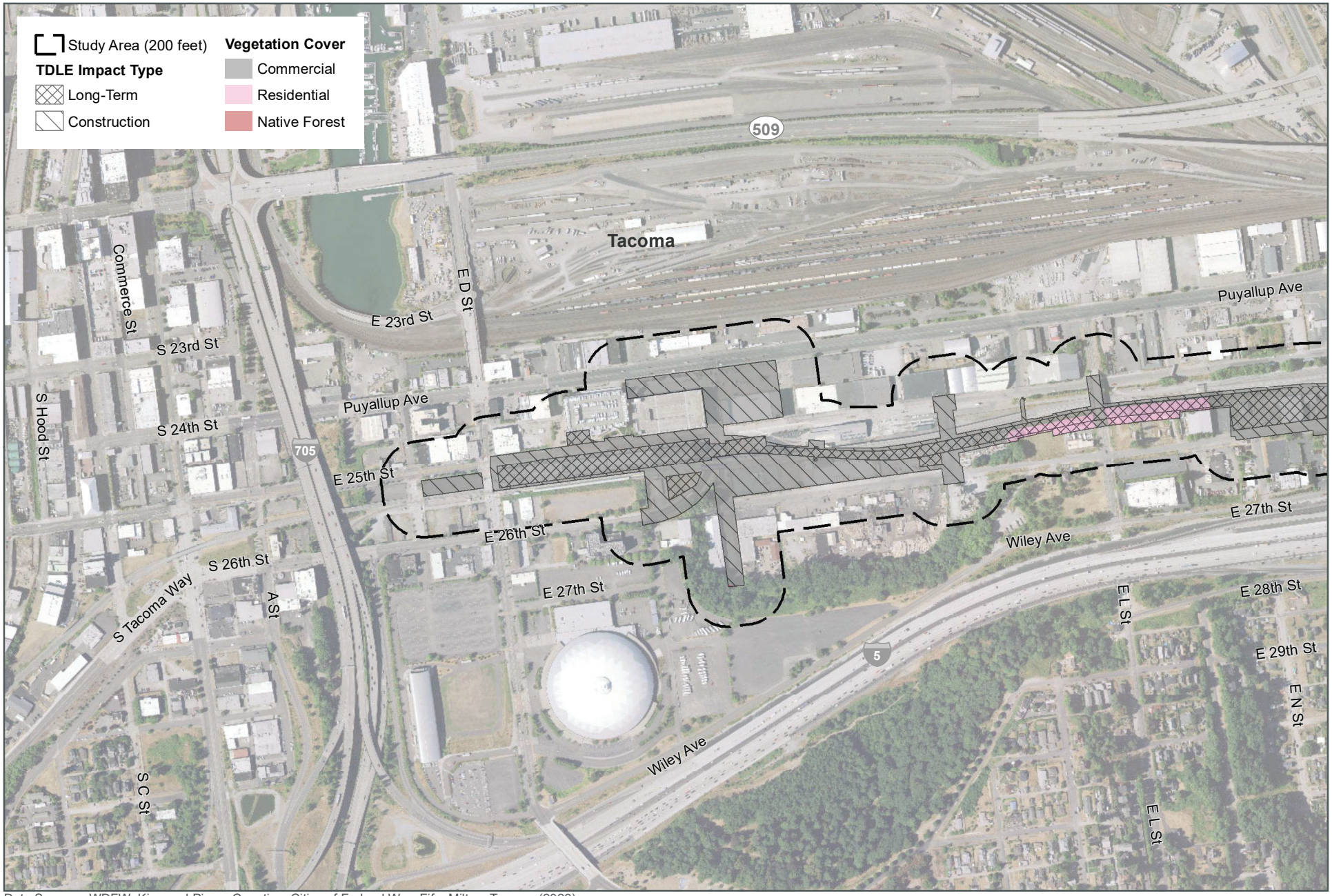

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-21B
Vegetation Cover Impacts
Tacoma Close to Sounder Alternative
Tacoma Dome Link Extension

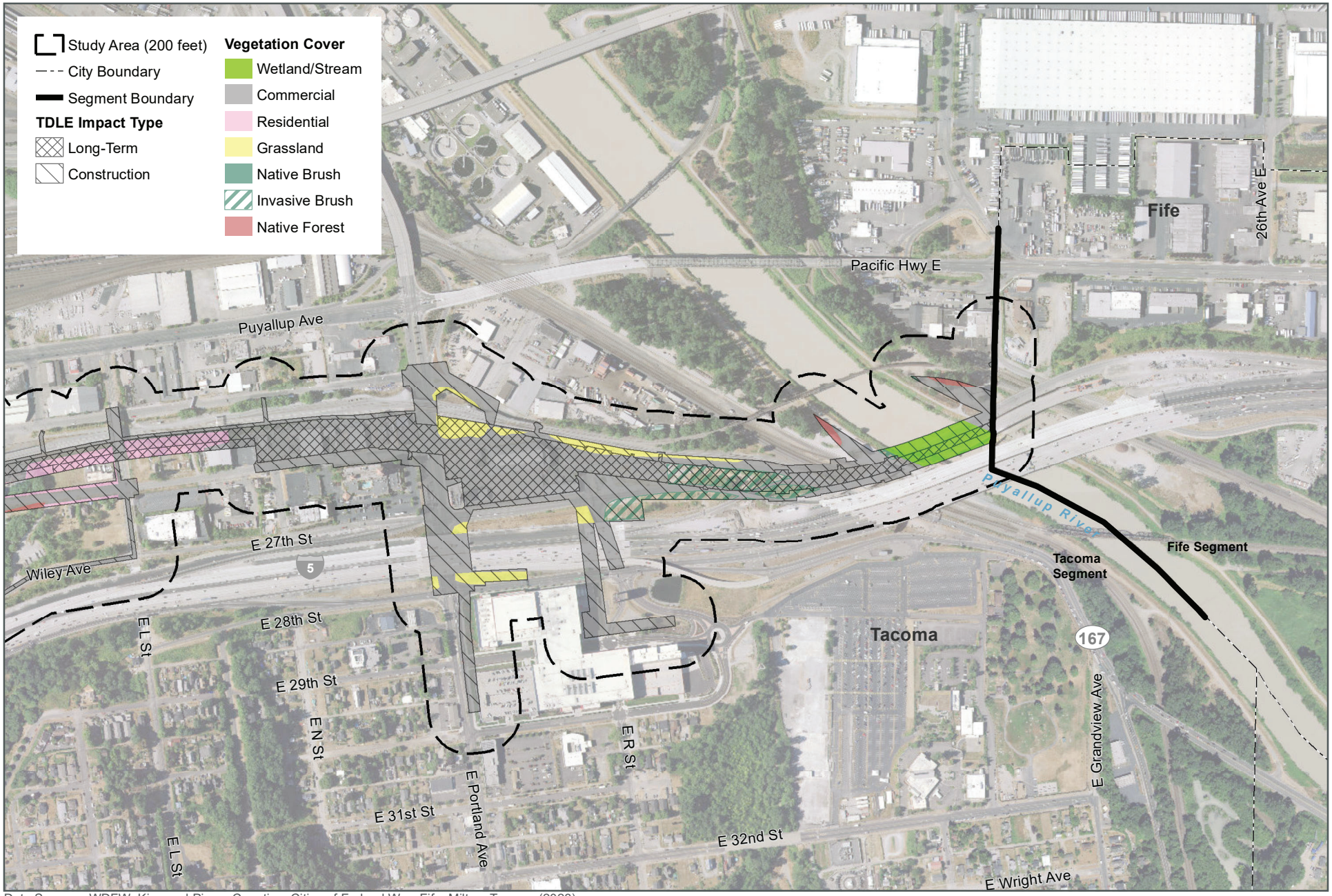

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-22A
Vegetation Cover Impacts
Tacoma 26th Street Alternative
Tacoma Dome Link Extension

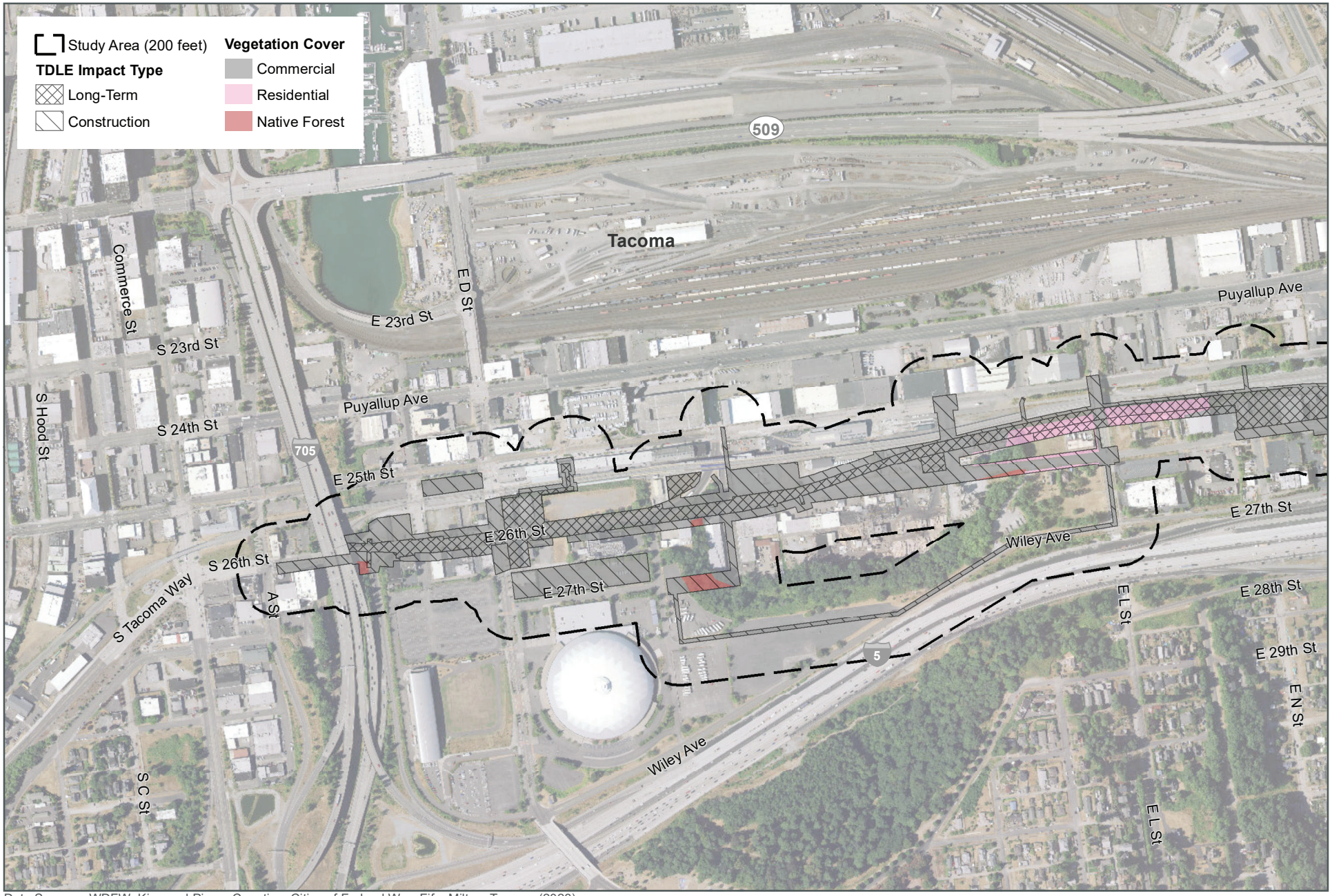

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.4-22B
Vegetation Cover Impacts
Tacoma 26th Street Alternative
Tacoma Dome Link Extension

Noise, Light, and Human Disturbance

Over the long term, TDLE operation would entail moderate to high levels of human activity and associated noise and light. Notably, all alternatives and station locations are adjacent to I-5 or other high-volume roadways and are in developed areas with relatively high levels of human activity. In addition to noise, light, and vehicle traffic, regular human activity associated with residential, commercial, and industrial development is a common feature of the landscape throughout the study area. Under existing conditions, wildlife that use habitats in or near the project alternatives are regularly exposed to these sources of disturbance.

Project-related impacts would be a product of changes in activity levels. The intensity of each alternative's effects would depend on existing activity patterns and lighting regimes at the site under consideration; these differences are described in the discussions of individual alternatives, below. The potential for adverse effects would be greatest where facilities are constructed near areas dominated by native or structurally complex vegetation.

Noise and human activity have been demonstrated to displace wildlife from occupied habitats and to disrupt normal behaviors (e.g., territorial singing of songbirds, mating and alarm calls of amphibians and small mammals, and foraging activities of raptors). Artificial night lighting can adversely affect wildlife by disrupting foraging behavior, circadian rhythms, and dispersal movements (including migration). Potential adverse effects associated with artificial lighting would be minimized through compliance with applicable local lighting standards and BMPs, such as screening and directing lights away from the night sky and nearby residential and natural areas.

If activity or noise levels (near stations, for example) noticeably exceed current conditions, affected animals may be displaced from otherwise suitable habitat, potentially leading to competition with animals that occupy suitable habitat at other sites with less disturbance. Such competition may produce increased stress and decreased reproductive success for affected individuals. Adverse behavioral responses to increased night lighting may have similar consequences. Animals displaced from areas of suitable habitat may be exposed to an elevated risk of predation or vehicle collisions while they are seeking new areas of suitable habitat. Based on the limited amount of area that would be affected under any of the alternatives, such effects would not be expected to measurably reduce the regional populations of any wildlife species. None of the project alternatives is within 0.25 mile of a documented breeding area or other sensitive site for any special-status wildlife species.

Animal Movement

Long-term impacts on the movement of wildlife through the study area would vary, depending on the type of structure. Animals would be able to pass beneath elevated guideway segments. The general lack of vegetation in at-grade segments would likely pose a barrier to movement. In addition, animals crossing the track would face the risk of being struck by trains. The portions of track built at grade through areas of wildlife habitat would be fenced to minimize the risk of collisions. These fenced portions would, however, impede the movement of animals. As noted in Section 3.2.2, patches of high-quality wildlife habitat in the study area are isolated from other areas of similar habitat and generally do not serve as connective corridors to other areas of habitat outside of the study area.

4.2.1.1 No-Build Alternative

The No-Build Alternative (which includes full build-out of the Sound Transit 3 System) would not have any direct long-term impacts on vegetation, wildlife, or wildlife habitat in most of the study area. Conversely, implementing the No-Build Alternative would preclude potential beneficial environmental effects over the long term, such as tempering increases in motor vehicle traffic in the region and facilitating the concentration of residential and commercial growth in planned growth centers.

As discussed in the analysis of impacts on aquatic resources, the No-Build Alternative includes the planned OMF South project. Two of the alternative sites under consideration for OMF South would entail the construction of approximately 1.4 miles of guideway extending south from the Federal Way Downtown Station. If either of these alternatives is selected, patches of mature native forest and forested wetlands along I-5 near S 336th Street would be affected by construction and operation of OMF South.

WSDOT's SR 167 Completion Project intersects the TDLE study area between Porter Way and 62nd Avenue E. Because it is planned for completion with or without TDLE, the SR 167 Completion Project is considered part of the No-Build Alternative. The SR 167 Completion Project includes the restoration of approximately 110 acres of riparian buffer habitat associated with Hylebos Creek, Surprise Lake Creek, and Wapato Creek. Riparian restoration will include extensive planting of native trees and shrubs, increasing the availability of the native tree and native brush cover types. Some of the restoration areas fall within the TDLE study area and would, therefore, increase the availability of high-quality habitat in the TDLE study area.

4.2.1.2 Federal Way Segment Alternatives

The potential long-term impacts of the Federal Way Segment alternatives on vegetation cover types are compared in Table J4.4-3. The permanent impact footprints of the Preferred FW Enchanted Parkway Alternative and the FW I-5 Alternative are essentially identical, and both alternatives would affect equivalent areas of the various vegetation types. For this reason, the potential impacts of these two alternatives are addressed together.

Approximately 2 acres of mature native forest habitat along I-5 south of S 336th Street would fall within the permanent impact area of the Federal Way Segment alternatives (Table J4.4-3). In addition to diminishing the amount of habitat that provides the functions described in Section 3.2.1, removal of forested habitat in this area would reduce forested riparian habitat (see Section 4.1.1) and forested wetland habitat (see Section 4.3.1).

Under either alternative, the guideway in this area would be elevated, generally 20 to 30 feet above ground level. The lowest clearance would be about 14 feet above ground level, at a location approximately 350 feet south of S 336th Street. The affected patch is the largest patch of mature native forest that has been identified in the study area. Although other patches are available in areas farther from I-5 and other sources of disturbance, the loss of mature forest would decrease the amount of this habitat type in the study area.

The permanent impact footprints of the Preferred FW Enchanted Parkway Alternative and the FW Design option would overlap essentially equal amounts of the mature native forest, other native forest, and wetland/stream cover types.

As discussed above, wildlife that use habitats in or near the project alternatives are regularly exposed to noise, light, and human activity associated with I-5 and other areas of commercial and

industrial activity. Over the long term, light rail operation in the Federal Way Segment would not be expected to represent a perceptible increase in disturbance levels.

The only at-grade segments of the guideway in this segment would be immediately adjacent to I-5, where the existing freeway presents a substantial barrier to wildlife movement. As such, the presence of the light rail guideway in the Federal Way Segment would not be likely to affect the movement of wildlife through the study area.

4.2.1.3 South Federal Way Segment Alternatives

Approximately 1 acre of mature native forest habitat along West Fork Hylebos Creek would fall within the permanent impact footprints of both the SF Enchanted Parkway Alternative and the SF I-5 Alternative (Table J4.4-3). The SF 99-West and SF 99-East alternatives would avoid this patch of mature forest, but the permanent impact footprint of the Porter Way Design Option for either of those alternatives would overlap a little more than 0.5 acre of the patch (that acreage value rounds up to 1 acre in Table J4.4-3). The long-term effects of the loss of mature forest habitat in this area would be as described for the Federal Way Segment alternatives.

The South Federal Way Segment alternatives would differ in the amount of other native forest habitat that falls within the permanent impact footprint. The greatest overlap would occur under the SF I-5 Alternative, which would affect several patches of other native forest south of the I-5/SR 18 interchange. The SF Enchanted Parkway Alternative would avoid these patches, as would the SF 99-West and SF 99-East alternatives, with or without the Porter Way Design Option (Table J4.4-3).

The alternatives would also differ in the amount of wetland/stream habitat affected (Table J4.4-3). The SF I-5 Alternative would affect several wetlands (including forested wetlands) associated with East Fork Hylebos Creek Tributary 0016A south of the I-5/SR 18 interchange. The SF Enchanted Parkway Alternative would avoid these, as would the SF 99-West and SF 99-East alternatives. The permanent impact footprints of the SF 99-West and SF 99-East alternatives would overlap more wetland/stream habitat than either the SF Enchanted Parkway Alternative or the SF I-5 Alternative (Table J4.4-3). The SF 99-East Alternative would affect more wetland/stream habitat than any of the other alternatives in this segment, largely due to impacts along the edge of the wetland complex associated with of North Fork Hylebos Creek.

Compared to the SF 99-West and SF 99-East alternatives, the Porter Way Design Option would affect approximately 1 acre more of wetland/stream habitat (Table J4.4-3). This difference would result from impacts to wetlands near the patch of mature native forest described above.

As with the Federal Way Segment alternatives, operation of the South Federal Way Segment alternatives would not be expected to represent a perceptible increase in disturbance levels for wildlife that use habitats in the study area. Similarly, the only at-grade segments of the guideway in this segment would be immediately adjacent to I-5, and only the SF Enchanted Parkway Alternative or the SF I-5 Alternative would have at-grade segments. As such, none of the South Federal Way Segment alternatives would be likely to affect the movement of wildlife through the study area.

4.2.1.4 Fife Segment Alternatives

No mature native forest would fall within the permanent impact footprints of any of the Fife Segment alternatives or design options (Table J4.4-3). Also, the alternatives and design options

would not have substantially different effects on areas of the other native forest or wetland/stream cover types.

Similar to the South Federal Way Segment alternatives, the alternatives in the Fife Segment would not be expected to result in a perceptible increase in the level of disturbance to wildlife in the study area. In addition, because all alternatives would be on elevated guideways, none of the alternatives in the Fife Segment would be likely to affect the movement of wildlife through the study area.

4.2.1.5 Tacoma Segment Alternatives

The long-term impacts of the Tacoma Segment alternatives on the mature native forest, other native forest, and wetland/stream cover types would be essentially identical (Table J4.4-3). None of the alternatives would have any direct impacts on forested wetlands nor any measurable long-term impacts on native forest.

If new piers are installed in the Puyallup River to support a bridge for the guideway, the presence of those piers would permanently reduce the amount of river channel habitat. Due to the small size of the support piers relative to the breadth of the channel, this loss would not be expected to appreciably reduce the capacity of the river to support use by wildlife.

Similar to the South Federal Way Segment alternatives, the Tacoma Segment alternatives would not be expected to result in a perceptible increase in the level of disturbance to wildlife in the study area. In addition, because all alternatives would be on elevated guideways, none of the Tacoma Segment alternatives would be likely to affect the movement of wildlife through the study area.

4.2.2 Construction Impacts

Construction-related impacts include temporary loss or degradation of terrestrial habitats, as well as disturbance due to construction-related noise, light, and human activity. If bats are using existing structures in the study area (e.g., highway bridges over Hylebos Creek and the Puyallup River) for roosting sites or maternity colonies, these behaviors may be disrupted by construction activities. Nesting birds on such structures may similarly be disturbed or displaced. Clearing for project construction would also increase the risk of contributing to the spread of noxious or invasive weed species. As discussed in Section 2.5.4, the estimated extent of areas that would be temporarily affected by project construction is based on mapping provided by the project design team.

Noxious weeds and invasive plants rapidly colonize disturbed sites such as construction areas, preventing native species from becoming reestablished following ground disturbance. Noxious weeds and invasive plants also spread into undisturbed areas and provide poor habitat or forage for wildlife. Several of the BMPs that would be implemented during project construction are intended to avoid, reduce, and control new infestations of noxious weeds (see Section 4.8.2, Construction Best Management Practices). These BMPs would likely reduce but may not eliminate the potential for noxious weeds and invasive plants to colonize sites disturbed by construction. The risk of colonization would be proportional to the amount of area temporarily disturbed by construction. An alternative with a greater extent of ground disturbance would pose a higher risk of contributing to the establishment or spread of noxious weeds and invasive plants.

Given the widespread occurrence of Himalayan blackberry and other invasive plant species in the study area, any of the project alternatives would provide the opportunity to reduce, at least temporarily, invasive species through vegetation removal. In some areas, noxious weeds may be eradicated because cover types dominated by invasive species (e.g., commercial, invasive brush) would be converted to maintenance facilities, landscaping, and other areas where invasive species would be controlled. In areas where invasive species are replaced with native species, construction related impacts may result in improved habitat function.

The duration of temporary impacts would vary depending on the type of vegetation that is affected. Impacts on grasses and areas dominated by fast-growing invasive species would generally be short-lived, with functions typically returning to pre-impact levels within one growing season. In contrast, temporary impacts on woody vegetation generally last longer because trees and/or shrubs require several years or decades to achieve the size and stature necessary to provide pre-impact functions, such as canopy habitat.

Construction of TDLE parking facilities at the stations in South Federal Way and Fife could be delayed up to 3 years after initial service opens. If that occurs, the construction-related effects described above would occur at these two station locations at the time the parking facilities are built.

The following sections outline the range of potential temporary construction impacts that could occur under each alternative. These impact areas are summarized in Table J4.4-4. Actual impacts would depend on the final configuration and design, construction footprint and methods, BMPs implemented during construction (see Section 4.8.2, Construction Best Management Practices), and performance of post-construction restoration. Direct construction impacts would be identified and quantified during final design and permitting.

4.2.2.1 No-Build Alternative

The No-Build Alternative would not have any temporary, construction-related impacts on vegetation, wildlife, or wildlife habitat. Areas temporarily affected by construction of the planned OMF South and SR 167 Completion projects (which are considered to be part of the No-Build Alternative) would be restored separately from TDLE.

4.2.2.2 Federal Way Segment Alternatives

The potential construction-related impacts of the Federal Way Segment alternatives on vegetation cover types are compared in Table J4.4-4. The construction footprints of the Preferred FW Enchanted Parkway Alternative and the FW I-5 Alternative are essentially identical, and both alternatives would affect equivalent areas of the various vegetation types. For this reason, the potential impacts of these two alternatives are addressed together.

Approximately 4 acres of mature native forest habitat along I-5 south of S 336th Street would fall within the construction footprint of the Federal Way Segment alternatives (Table J4.4-4). Although the affected areas would be replanted with native trees following construction, the ecosystem functions of mature forest would not be restored for several decades. The construction footprint of the Federal Way Segment alternatives would also overlap areas of other native forest and wetland/stream habitats. The return of pre-construction ecosystem functions in those areas would likely require several years.

Similar to the permanent impact footprints, the construction footprints of the options for the curve at the northern end of the Federal Way Segment would overlap essentially equal amounts of the mature native forest, other native forest, and wetland/stream cover types.

Table J4.4-4 Potential Construction-Related Impacts on Vegetation, by Alternative (acres)

Alternative	Commercial	Residential	Grass land	Invasive Brush	Native Brush	Non Native Forest	Mature Native Forest	Other Native Forest	Wetland/ Stream[1]	River Channel[2]	Stormwater Pond	Total
Federal Way Segment												
Preferred FW Enchanted Parkway	18	7	3	3	0	0	4	8	2	0	2	47
Preferred FW Enchanted Parkway with FW Design Option	17	9	4	3	0	0	4	8	2	0	2	49
South Federal Way Segment												
SF Enchanted Parkway	42	8	1	4	0	<0.5	1	17	5	0	2	80
SF I-5	23	6	4	4	1	<0.5	1	21	6	0	2	68
SF 99-West	59	2	1	4	<0.5	<0.5	0	14	5	0	1	87
SF 99-West with Porter Way Design Option	60	2	1	4	<0.5	<0.5	2	15	8	0	1	94
SF 99-East	62	3	3	4	<0.5	<0.5	0	12	7	0	1	91
SF 99-East with Porter Way Design Option	63	3	3	4	<0.5	<0.5	2	12	10	0	1	99
Fife Segment												
Fife Pacific Highway/ Fife Median[3]	51	1	3	1	<0.5	<0.5	0	3	1	0	2	62
Fife Pacific Highway/Fife Median with either Design Option[3,4]	45	1	3	1	<0.5	<0.5	0	3	2	0	1	55
Fife I-5	46	<0.5	8	1	<0.5	<0.5	0	2	5	0	2	64
Fife I-5 with either Design Option[3]	45	<0.5	8	1	<0.5	<0.5	0	2	5	0	1	63

Table J4.4-4 Potential Construction-Related Impacts on Vegetation, by Alternative (acres) (continued)

Alternative	Commercial	Residential	Grass land	Invasive Brush	Native Brush	Non Native Forest	Mature Native Forest	Other Native Forest	Wetland/ Stream[1]	River Channel[2]	Stormwater Pond	Total
Tacoma Segment												
Preferred Tacoma 25th Street-West	41	1	1	1	<0.5	0	0	<0.5	<0.5	1	0	45
Tacoma 25th Street-East	41	1	1	1	<0.5	0	0	<0.5	<0.5	1	0	45
Tacoma Close to Sounder	27	<0.5	1	1	<0.5	0	0	<0.5	<0.5	1	0	31
Tacoma 26th Street	29	<0.5	1	1	<0.5	0	0	1	<0.5	1	0	33

Notes:

(1) Impacts on the Wetland/Stream cover type include areas within the OHWM of streams associated with wetlands. As such, the impact area values for the cover type in this table do not match those in the tabular summaries of impacts on wetlands.

(2) The River Channel land cover type captures the Puyallup River. Impacts on smaller streams are discussed in Section 4.1.

(3) The impacts of the Fife Pacific Highway and Fife Median alternatives on all cover types would be identical.

(4) The impacts of the 54th Avenue and 54th Span design options for all Fife Segment alternatives would be identical.

The total size of the construction footprint for the FW Design Option would be slightly larger than that of the Preferred FW Enchanted Parkway Alternative, indicating a slightly greater potential for temporary loss or degradation of terrestrial habitats and disturbance of sensitive wildlife species during construction, as well as a higher risk of contributing to the establishment or spread of noxious weeds and invasive plants (Table J4.4-4).

4.2.2.3 South Federal Way Segment Alternatives

The comparative construction-related impacts of the South Federal Way Segment alternatives would be similar to those for permanent impacts: both the SF Enchanted Parkway Alternative and the SF I-5 Alternative would require clearing approximately 1 acre of mature native forest habitat along West Fork Hylebos Creek, and the SF 99-West and SF 99-East alternatives would avoid that patch of habitat (Table J4.4-4). The construction footprints of the Porter Way design option for the latter two alternatives would overlap 2 acres of mature native forest near West Fork Hylebos Creek south of Birch Street. The effects of temporary impacts to mature forest habitat in this area would be as described for the Federal Way Segment alternatives.

Among the alternatives in this segment, the SF I-5 Alternative would require clearing the most native forest habitat — 21 acres, compared to 12 to 17 areas under the other alternatives (Table J4.4-4). This difference is largely attributable to the impacts of the SF I-5 Alternative on forested areas associated with East Fork Hylebos Creek Tributary 0016A south of the I-5/SR 18 interchange. The construction footprint of the Porter Way Design Option for the SF 99-West Alternative would overlap the same amount of other native forest habitat, as would this alternative without the design option; the construction footprint of the Porter Way Design Option for the SF 99-East Alternative would overlap 1 more acre of other native forest habitat, compared to this alternative without the design option.

Approximately 5 to 6 acres of wetland/stream habitat would fall within the construction footprints of any of the South Federal Way Segment alternatives (Table J4.4-4). The Porter Way Design Option for the SF 99-West Alternative would affect 3 more acres of this habitat type than would the baseline option, while the corresponding difference for the SF 99-East Alternative would be 4 acres (Table J4.4-4).

As discussed above, the potential for temporary loss or degradation of terrestrial habitats and disturbance of sensitive wildlife species during construction would be proportional to the total size of the construction footprint, as would the risk of contributing to the establishment or spread of noxious weeds and invasive plants. Based on this consideration, the SF 99-East Alternative would have the highest potential for these impacts, and the SF I-5 Alternative would have the lowest (Table J4.4-4). Implementation of the Porter Way Design option under the SF 99-West Alternative would increase the construction footprint by approximately 7 acres; the corresponding increase for the SF 99-East Alternative would be approximately 8 acres (Table J4.4-4).

4.2.2.4 Fife Segment Alternatives

No mature native forest would fall within the construction footprints of any of the Fife Segment alternatives or design options (Table J4.4-4). The construction-related impacts of the alternatives in the Fife Segment on the other native forest and wetland/stream habitat types would be similar, although the Fife Pacific Highway and Fife Median alternatives would affect slightly more other native forest habitat than the Fife I-5 Alternative (Table J4.4-4). In contrast, the Fife I-5 Alternative would affect 3 to 4 more acres (depending on the design option) of wetland/stream habitat, compared to the Fife Pacific Highway and Fife Median alternatives.

The Fife I-5 Alternative would have a slightly larger overall construction footprint than either the Fife Pacific Highway or the Fife Median alternatives. The potential for disturbance of sensitive wildlife species during construction would not necessarily be higher, however, because construction of the Fife I-5 Alternative would take place in areas adjacent to I-5 that are dominated by high levels of existing noise and human disturbance. Based on the predominance of the commercial cover type within the construction footprint, the Fife I-5 Alternative's risk of contributing to the establishment or spread of noxious weeds and invasive plants would also not be substantially higher than that of the other two alternatives.

4.2.2.5 Tacoma Segment Alternatives

The construction-related impacts of the Tacoma Segment alternatives on the mature native forest, other native forest, and wetland/stream cover types would be similar; none of the alternatives would affect more than 1 acre of any of these habitat types, individually or collectively (Table J4.4-4). None of the alternatives would have any construction-related impacts on any forested wetlands. Given the existing high levels of noise and human disturbance throughout the Tacoma Segment study area, the overall size of the alternatives' construction footprints would not appreciably affect their potential to disturb sensitive wildlife species or contribute to the establishment or spread of noxious weeds and invasive plants.

Noise from pile driving for the installation of support structures for the guideway bridge over the Puyallup River may be audible as much as 1 mile away from project activities. However, the sites where pile driving may be needed are adjacent to I-5 in a heavily developed urban area. Background noise levels would likely eclipse pile driving noise a relatively short distance away. For example, USFWS (2015) determined that pile driving noise for transportation projects in rural areas would likely have no effect on nesting ESA-listed birds more than 0.25 mile away. Animals that use habitats in portions of the TDLE study area where pile driving noise might be audible species are adapted to high levels of noise and human disturbance. For these reasons, pile driving noise is unlikely to disturb wildlife more than 0.25 mile from the work site.

Big brown bat colonies and nesting birds on nearby bridges could be affected by construction noise. Such effects would be temporary and would not be expected to result in any long-term impacts on species that use habitats in the urban areas surrounding the project site. The impacts of in-water pile driving are discussed in Section 4.1.2.

4.3 Wetlands

Analyses in this subsection address the potential long-term and construction-related impacts of each alternative on wetlands and wetland buffers. Actual impacts would depend on the location and design of the final preferred alternative, the construction footprint and methods, the BMPs implemented during construction (see Section 4.8.2), and the performance of post-construction restoration. Wetland delineations and detailed impact analyses would be completed during the process of final design and permitting.

To the extent that impacts cannot be avoided or minimized through BMPs, Sound Transit would implement additional measures to reduce adverse effects and provide compensatory mitigation measures where adverse effects are unavoidable. Sound Transit has committed to achieving no net loss of ecosystem function on a project-wide basis (Sound Transit 2007). As discussed in Section 5, compensatory mitigation would be implemented in accordance with applicable Tribal, federal, state, and local requirements and guidelines.

The Fife I-5 Alternative would have a slightly larger overall construction footprint than either the Fife Pacific Highway or the Fife Median alternatives. The potential for disturbance of sensitive wildlife species during construction would not necessarily be higher, however, because construction of the Fife I-5 Alternative would take place in areas adjacent to I-5 that are dominated by high levels of existing noise and human disturbance. Based on the predominance of the commercial cover type within the construction footprint, the Fife I-5 Alternative's risk of contributing to the establishment or spread of noxious weeds and invasive plants would also not be substantially higher than that of the other two alternatives.

4.2.2.5 Tacoma Segment Alternatives

The construction-related impacts of the Tacoma Segment alternatives on the mature native forest, other native forest, and wetland/stream cover types would be similar; none of the alternatives would affect more than 1 acre of any of these habitat types, individually or collectively (Table J4.4-4). None of the alternatives would have any construction-related impacts on any forested wetlands. Given the existing high levels of noise and human disturbance throughout the Tacoma Segment study area, the overall size of the alternatives' construction footprints would not appreciably affect their potential to disturb sensitive wildlife species or contribute to the establishment or spread of noxious weeds and invasive plants.

Noise from pile driving for the installation of support structures for the guideway bridge over the Puyallup River may be audible as much as 1 mile away from project activities. However, the sites where pile driving may be needed are adjacent to I-5 in a heavily developed urban area. Background noise levels would likely eclipse pile driving noise a relatively short distance away. For example, USFWS (2015) determined that pile driving noise for transportation projects in rural areas would likely have no effect on nesting ESA-listed birds more than 0.25 mile away. Animals that use habitats in portions of the TDLE study area where pile driving noise might be audible species are adapted to high levels of noise and human disturbance. For these reasons, pile driving noise is unlikely to disturb wildlife more than 0.25 mile from the work site.

Big brown bat colonies and nesting birds on nearby bridges could be affected by construction noise. Such effects would be temporary and would not be expected to result in any long-term impacts on species that use habitats in the urban areas surrounding the project site. The impacts of in-water pile driving are discussed in Section 4.1.2.

4.3 Wetlands

Analyses in this subsection address the potential long-term and construction-related impacts of each alternative on wetlands and wetland buffers. Actual impacts would depend on the location and design of the final preferred alternative, the construction footprint and methods, the BMPs implemented during construction (see Section 4.8.2), and the performance of post-construction restoration. Wetland delineations and detailed impact analyses would be completed during the process of final design and permitting.

To the extent that impacts cannot be avoided or minimized through BMPs, Sound Transit would implement additional measures to reduce adverse effects and provide compensatory mitigation measures where adverse effects are unavoidable. Sound Transit has committed to achieving no net loss of ecosystem function on a project-wide basis (Sound Transit 2007). As discussed in Section 5, compensatory mitigation would be implemented in accordance with applicable Tribal, federal, state, and local requirements and guidelines.

The WSDOT SR 167 Completion Project, which includes the riparian restoration program and overlaps with the TDLE footprint, is currently under construction. Impact values of wetland and wetland buffers that occur in overlapping project areas may change after construction, when SR 167 is complete. During the permitting process, wetland boundaries and impact calculations will be reevaluated after a preferred alternative is chosen. See Section 4.7, Cumulative Impacts for more information on the SR 167 Completion Project.

4.3.1 Long-Term Impacts

Under each of the project alternatives, direct long-term impacts on wetland resources would occur where permanent features, such as light rail guideways, roads, and stations, overlap wetlands or wetland buffers.

Filling or excavating within wetlands or wetland buffers would diminish wetland functions through the loss of area, changes to surface or subsurface water flows, alteration of hydric soils, or long-term changes to vegetation. Project actions that may entail such impacts include clearing, grading, construction of buildings, parking areas (surface and garage), stormwater facilities, roadways, and guideways (including support columns for elevated guideways).

Permanent project-related impacts on wetland and wetland buffer vegetation would occur where segments of guideway overlap wetlands or wetland buffers. Not all wetlands underneath elevated structures (e.g., tracks or stations) would be permanently filled. However, trees and other tall vegetation would not be allowed to grow near track segments. This would result in the permanent conversion from trees and tall shrubs to short-statured shrubs and herbaceous vegetation. In addition, the long-term presence of structures above vegetation would reduce the amount of sunlight and precipitation the plants receive, potentially making these areas more sparsely vegetated.

Interception of precipitation by overhead structures would also have the potential for long-term impacts on wetland hydrology. For any given wetland, the severity of those impacts would depend on the proportion of the wetland that is affected, as well as the extent to which precipitation contributes to wetland hydrology at that site.

For these reasons, comparisons of the impacts of the alternatives are based on the overlap between any project features (including elevated structures) and wetlands or wetland buffers. In some cases (for example, where the impact area of an alternative would overlap a large proportion of a wetland), impacts that do not encompass an entire wetland may degrade wetland functions to such an extent that the entire wetland would be considered lost. Such determinations will be based on professional judgment and will be made after the Preferred Alternative has been selected by the Sound Transit Board. After the Preferred Alternative has been chosen, determinations of wetland losses would be part of the process of applying for permits and determining mitigation needs.

Impact areas are summarized in Table J4.4-5 and are depicted in Figures J4.4-1 through J4.4-11. Impacts associated with each alternative are discussed in the subsections that follow. The impact values and areas in the table and figures represent conservative estimates of the impacts of the alternatives. Actual anticipated impacts will be determined when an alternative is selected to be built and the project design is sufficiently advanced to undergo permitting review.

Not all areas within the project footprint would be converted to structures or hard surfaces. Some wetland and buffer areas, for example, would be converted to other vegetation community or cover types. For example, a palustrine forested community may be converted to a

palustrine scrub-shrub community, or a wetland or wetland buffer may be converted to stormwater facilities or landscaping. For these reasons, the values and areas reported in this analysis indicate the relative degree of potential impacts on wetlands and wetland buffers.

In any of these segments, if two or more alternatives would have identical effects on your resource area of concern, those alternatives can be addressed together.

Table J4.4-5 Potential Long-Term Wetland Impacts by Alternative

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]	Impacted Wetland Buffer I.D.
Federal Way Segment					
Preferred FW Enchanted Parkway	0.54	Category II: 0.20 Category III: 0.34 Category IV: <0.01	WFW-03, WFW-06, WFW-11, WFW-13, WFW-15, WFW-32	2.78	WFW-01, WFW-03, WFW-04, WFW-06, WFW-10, WFW-11, WFW-12, WFW-13, WFW-15, WFW-16, WFW-32
FW Design Option	0.56	Category II: 0.20 Category III: 0.36 Category IV: <0.01	WFW-03, WFW-06, WFW-07, WFW-11, WFW-13, WFW-15	3.18	WFW-01, WFW-03, WFW-04, WFW-06, WFW-07, WFW-10, WFW-11, WFW-12, WFW-13, WFW-15, WFW-16, WFW-32
South Federal Way Segment					
SF Enchanted Parkway	2.65	Category I: 0.16 Category II: 1.67 Category III: 0.83 Category IV: <0.01	WFW-17, WFW-19, WFW--24, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WPCFI-02, WPCMIFI-01	5.79	WFI-25, WFW-05, WFW-17, WFW-18, WFW-19, WFW-24, WFW-25, WMI-01, WMI-02, WMI-03, WMI-04, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09c, WMI-09d, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF I-5	3.77	Category I: 0.16 Category II: 1.67 Category III: 1.93 Category IV: <0.01	WFW-19, WFW-20, WFW--21, WFW-24, WFW-26, WFW-27, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WPCFI-02, WPCMIFI-01	8.52	WFI-25, WFW-05, WFW-17, WFW-18, WFW-19, WFW-20, WFW-21, WFW-22, WFW-24, WFW-25, WFW-26, WFW-27, WMI-01, WMI-02, WMI-03, WMI-04, WMI-06, WMI-07, WMI-08, WMI-09a, WMI--09c, WMI-09b, WMI-0-9d, WMIFW-01, WPCFI-01, WPCFI--02, WPCMIFI-01
SF 99-West	6.31	Category I: 1.11 Category II: 4.65 Category III: 0.54 Category IV: 0.01	WFW-36, WFW-38, WFW-39, WFW-43, WFW-44, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-10, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	11.18	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WMIFW--01, WPCFI-01, WPCFI-02, WPCMIFI-01

Table J4.4-5 Potential Long-Term Wetland Impacts by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]	Impacted Wetland Buffer I.D.
SF 99-West with Porter Way Design Option	6.68	Category I: 1.18 Category II: 4.97 Category III: 0.54	WFW-36, WFW-38, WFW-39, WFW-43, WFW-44, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-09b, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	11.38	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF 99-East	7.33	Category I: 1.02 Category II: 6.01 Category III: 0.30	WFW-34, WFW-36, WFW-37, WFW-39, WFW-42, WFW-43, WFW-47, WMI-09a, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	10.95	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WFW-49, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF 99-East with Porter Way Design Option	7.75	Category I: 1.09 Category II: 6.37 Category III: 0.30	WFW-34, WFW-36, WFW-37, WFW-39, WFW-42, WFW-43, WFW-47, WMI-09a, WMI-09b, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-02, WPCMIFI-01	11.13	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WFW-49, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
Fife Segment					
Fife Pacific Highway	2.24	Category II: 0.01 Category III: 0.97 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.76	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25,WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Pacific Highway and 54th Avenue Design Option	2.04	Category II: 0.01 Category III: 0.77 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.70	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02

Table J4.4-5 Potential Long-Term Wetland Impacts by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]	Impacted Wetland Buffer I.D.
Fife Pacific Highway and 54th Span Design Option	2.29	Category II: 0.01 Category III: 0.87 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30, WFI-33	3.90	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WFI-33, WPCFI-02
Fife Median	2.24	Category II: 0.01 Category III: 0.97 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.76	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Median and 54th Avenue Design Option	2.04	Category II: 0.01 Category III: 0.77 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.70	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Median and 54th Span Design Option	2.29	Category II: 0.01 Category III: 1.02 Category IV: 1.26	WFI-03, WFI-04, WFI-08a, WFI-08d, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30, WFI-33	3.90	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WFI-33, WPCFI-02
Fife I-5	3.16	Category II: 0.07 Category III: 1.82 Category IV: 1.26	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30,	3.38	WFI-02, WFI-03, WFI-04, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-31, WPCFI-02
Fife I-5 and 54th Avenue Design Option	2.96	Category II: 0.07 Category III: 1.63 Category IV: 1.26	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30	3.28	WFI-02, WFI-03, WFI-04, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WPCFI-02
Fife I-5 and 54th Span Design Option	3.20	Category II: 0.07 Category III: 1.87 Category IV: 1.26	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-11, WFI-12, WFI-14a, WFI-17, WFI-25, WFI-28, WFI-30, WFI-33	3.48	WFI-02, WFI-03, WFI-04, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-33, WPCFI-02

Table J4.4-5 Potential Long-Term Wetland Impacts by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1,2]	Wetland Impact by Ecology Category (acres)[1,2,3]	Impacted Wetland I.D.	Total Wetland Buffer Impacts (acres)[1,2,4]	Impacted Wetland Buffer I.D.
Tacoma Segment					
Preferred Tacoma 25th Street-West	<0.01	Category III: <0.01	WTA-04	0.05	WTA-02, WTA-04
Tacoma 25th Street-East	<0.01	Category III: <0.01	WTA-04	0.05	WTA-02, WTA-04
Tacoma Close to Sounder	<0.01	Category III: <0.01	WTA-04	0.05	WTA-02, WTA-04
Tacoma 26th Street	<0.01	Category III: <0.01	WTA-04	0.05	WTA-02, WTA-04

Notes:

(1) As discussed in the introduction to this section, the values in this table do not represent actual anticipated impacts. Instead, they indicate the relative degree of potential impacts on wetlands and wetland buffers.

(2) Totals may vary from the sum of individual numbers due to rounding.

(3) Wetland ratings (Hruby 2014) are preliminary and subject to review by permit authorities.

(4) Values presented in this table represent all affected areas inside functional wetland buffers, including areas that overlap with stream buffers. Wetland areas and stream areas, defined by the OHWM, are excluded from wetland buffer areas.

4.3.1.1 No-Build Alternative

The No-Build Alternative (which includes full build-out of the Sound Transit 3 System) would not have any direct long-term impacts on wetlands in most of the study area. Conversely, implementing the No-Build Alternative would preclude potential beneficial environmental effects over the long term, such as tempering increases in motor vehicle traffic in the region and facilitating the concentration of residential and commercial growth in planned growth centers.

As discussed in the analysis of impacts on aquatic resources, the No-Build Alternative includes the planned OMF South project. Two of the alternative sites under consideration for OMF South would entail the construction of approximately 1.4 miles of guideway extending south from the Federal Way Downtown Station. If either of these alternatives is selected, the following wetlands and/or wetland buffers would be affected by construction and operation of OMF South: Wetlands WFW-01, WFW-03, WFW-04, WFW-06, WFW-07, WFW-11, WFW-12, WFW-13, WFW-15, and WFW-32.

Several of the wetlands and streams that will be affected by Phase 1 of the SR 167 Completion Project fall within the TDLE study area and may thus be diminished or eliminated, even under the No-Build Alternative. The TDLE study area also includes some sites identified by FHWA and WSDOT (2018) as potential wetland mitigation sites. As such, the No-Build Alternative may also include some wetland creation, restoration, and/or enhancement in the study area.

4.3.1.2 Federal Way Segment Alternatives

The potential long-term impacts of the Federal Way Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-5. Both the Preferred FW Enchanted Parkway Alternative and the FW Design Option have a little more than a half-acre of direct long-term impacts; however, the Preferred FW Enchanted Parkway Alternative would have slightly fewer direct long-term impacts to wetlands than with the FW Design Option. The additional 0.02 acre that is impacted under the FW Design Option is located at the northern end of the track as it crosses Wetland WFW-07, a small Category III wetland. The Preferred FW Enchanted Parkway

Alternative completely avoids direct long-term impacts to Wetland WFW-07. The tracks would be elevated in areas where there is the most amount of wetland area, particularly in the southern portion of this segment. Direct long-term impacts to wetland buffers would be greater under the FW Design Option. The differences are due to the FW Design Option tracks transecting Wetland WFW-07 buffer.

4.3.1.3 South Federal Way Segment Alternatives

The potential long-term impacts of the South Federal Way Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-5. Three short, at-grade portions occur in the SF I-5 and SF Enchanted Parkway Alternatives where there are no wetlands. The SF Enchanted Parkway Alternative would have substantially fewer long-term impacts on wetlands compared to all other alternatives.

The SF I-5 Alternative results in approximately 1.1 more acres of long-term impacts than the SF Enchanted Parkway Alternative. The difference results mainly from the impacts of the SF I-5 Alternative on four wetlands (WFW-20, WFW-21, WFW-26, and WFW-27) that would be avoided by the SF Enchanted Parkway Alternative. These four additional wetlands, all of which are associated with East Fork Hylebos Creek Tributary 0016A, generally have moderate functions, scoring as Category II and III wetlands. Two of them, however (Wetlands WFW-26 and WFW-27) are mitigation sites and would require special consideration for permitting.

The remaining two SR 99 alternatives (SF 99-West, SF 99-East, and when either are paired with the Porter Way Design Option) have two to three times more impacts compared to the SF Enchanted Parkway Alternative (Table J4.4-5). The majority of impacts to wetlands along any of the SR 99 alternatives would affect Category II wetlands, and a substantial portion of impacts would also affect Category I wetlands. Many of the wetlands found under these alternatives are associated with West Fork Hylebos Creek, North Fork Hylebos Creek, and their tributaries and provide valuable habitat to fish and other wildlife. The SF 99-East and SF 99-East with Porter Way Design Option alternatives have the greatest impacts and affect approximately 1 acre more wetland habitat than SF 99-West and SF 99-West with Porter Way Design Option. The Porter Way Design Option adds more than one-third acre of direct long-term impacts by crossing the West Hylebos Creek twice and affecting its associated wetlands, Wetlands WMI-09a and WMI-09b, both Category II wetlands.

As with direct impacts on wetlands, the Preferred SF Enchanted Parkway Alternative would have substantially fewer long-term impacts on wetland buffers compared with the SF I-5 Alternative and even fewer impacts than the alternatives along SR 99 (Table J4.4-5).

4.3.1.4 Fife Segment Alternatives

The potential long-term impacts of the Fife Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-5. All tracks and stations for each alternative in the Fife Segment would be elevated. The Fife Pacific Highway E and Fife Median alternatives are grouped together because they share the same analysis footprint. These two alternatives along Pacific Highway E would have fewer long-term impacts to wetlands than the Fife I-5 Alternative (Table J4.4-5). This difference is primarily because the Pacific Highway E alternatives would avoid Wetland WFI-02, whereas the Fife I-5 Alternative would not avoid Wetland WFI-02. In addition, the alternatives along Pacific Highway E would affect a much smaller area of Wetland WFI-08a, a Category III wetland associated with Wapato Creek, compared to the Fife I-5 Alternative.

Comparing the two design options, the 54th Avenue Design Option would have fewer impacts than the 54th Span Design Option, in part because the 54th Avenue Design Option avoids impacting Wetlands WFI-33 and WFW-11, both Category III wetlands. The Fife Pacific Highway and Fife Median alternatives have equal impacts to when paired with 54th Avenue Design Option.

The preferred Fife Station, which would result in some long-term impacts on Wetland WFI-17, is included in all alternatives. Neither the 54th Avenue Design Option station nor the 54th Span Design Option station would directly affect wetlands.

Opposite from its impacts to wetlands, the Fife I-5 Alternative would result in the fewest long-term impacts to wetland buffers, followed by its paring with 54th Avenue Design Option, then by 54th Span Design Option.

4.3.1.5 Tacoma Segment Alternatives

The potential long-term impacts of the Tacoma Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-5. Most tracks for the alternatives in the Tacoma Segment would be elevated. The only at-grade portions occur where there are no wetlands identified. The Tacoma alternatives would have minimal (less than 0.01 acre) long-term impacts on wetlands. The two bridge options over the Puyallup River, long-span or pier-supported, would not directly impact wetlands. Either option may result in some shading of Wetland WTA-04, which is a wetland in shoreline jurisdiction.

Long term impacts to wetland buffers for the Tacoma alternatives are approximately the same with the Tacoma 26th Street alternative slightly larger due to additional impacts on Wetland WTA-02's buffer.

4.3.2 Construction Impacts

Although detailed construction limits have not yet been defined at this phase in the project design, potential project construction limits have been estimated (see Section 2.5). These temporary impact areas are summarized in Table J4.4-6 (Potential Construction-related Wetland Impacts, by Alternative) and would be in addition to the long-term direct impacts described in Section 4.3.1.

Table J4.4-6 Potential Construction-Related Wetlands Impacts, by Alternative

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]	Impacted Wetland Buffer I.D.
Federal Way Segment					
Preferred FW Enchanted Parkway	1.62	Category II: 1.56 Category III: 0.04 Category IV: 0.02	WFW-01, WFW-03, WFW-04, WFW-11, WFW-13, WFW-15, WFW-32	7.83	WFW-01, WFW-03, WFW-04, WFW-06, WFW-10, WFW-11, WFW-12, WFW-13, WFW-15, WFW-16, WFW-32
FW Enchanted Parkway with FW Design Option	1.65	Category II: 1.56 Category III: 0.07 Category IV: 0.02	WFW-01, WFW-03, WFW-04, WFW-07, WFW-11, WFW-13, WFW-15, WFW-32	7.50	WFW-01, WFW-03, WFW-04, WFW-06, WFW-07, WFW-10, WFW-11, WFW-12, WFW-13, WFW-15, WFW-16, WFW-32

Table J4.4-6 Potential Construction-related Wetlands Impacts, by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]	Impacted Wetland Buffer I.D.
South Federal Way Segment					
SF Enchanted Parkway	4.90	Category I: 0.59 Category II: 3.02 Category III: 1.27 Category IV: 0.03	WFW-05, WFW-17, WFW-18, WFW-19, WFW-24, WFW-25, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09c, WMI-09d, WPCFI-01, WPCFI-02, WPCMIFI-01	8.59	WFI-25, WFW-05, WFW-17, WFW-18, WFW-19, WFW-24, WFW-25, WMI-01, WMI-02, WMI-03, WMI-04, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF I-5	5.84	Category I: 0.59 Category II: 3.11 Category III: 2.12 Category IV: 0.03	WFW-17, WFW-18, WFW-19, WFW-20, WFW-21, WFW-22, WFW-24, WFW-25, WFW-26, WFW-27, WMI-01, WMI-02, WMI-03, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09c, WMI-09d, WPCFI-01, WPCFI-02, WPCMIFI-01	12.24	WFI-25, WFW-05, WFW-17, WFW-18, WFW-19, WFW-20, WFW-21, WFW-22, WFW-24, WFW-25, WFW-26, WFW-27, WMI-01, WMI-02, WMI-03, WMI-04, WMI-06, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF 99-West	4.71	Category I: 1.01 Category II: 3.53 Category III: 0.15 Category IV: 0.02	WFW-17, WFW-18, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WPCFI-01, WPCFI-02, WPCMIFI-01	12.61	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF 99-West with Porter Way Design Option	7.91	Category I: 2.33 Category II: 5.20 Category III: 0.38	WFW-17, WFW-18, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01	16.12	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW--36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
SF 99-East	6.49	Category I: 2.18 Category II: 4.23 Category III: 0.06 Category IV: 0.03	WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WMI-09a, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01	15.16	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WFW-49, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-10, WMI-11, WMI-12, WMI-13, WMI-14, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01

Table J4.4-6 Potential Construction-related Wetlands Impacts, by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]	Impacted Wetland Buffer I.D.
SF 99-East with Porter Way Design Option	9.92	Category I: 3.52 Category II: 6.11 Category III: 0.29	WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01	18.74	WFI-25, WFW-05, WFW-17, WFW-18, WFW-34, WFW-36, WFW-37, WFW-38, WFW-39, WFW-42, WFW-43, WFW-44, WFW-45, WFW-46, WFW-47, WFW-48, WFW-49, WMI-07, WMI-08, WMI-09a, WMI-09b, WMI-09c, WMI-09d, WMI-11, WMI-12, WMI-13, WMIFW-01, WPCFI-01, WPCFI-02, WPCMIFI-01
Fife Segment					
Fife Pacific Highway	1.31	Category II: 0.07 Category III: 1.24	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.16	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Pacific Highway and 54th Avenue Design Option	1.69	Category II: 0.07 Category III:1.61	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.14	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-07, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Pacific Highway and 54th Span Design Option	1.84	Category II: 0.07 Category III: 1.76 Category IV: <0.01	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WFI-33, WPCFI-02	5.24	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WFI-33, WPCFI-02
Fife Median	1.31	Category II: 0.07 Category III: 1.24	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.16	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Median and 54th Avenue Design Option	1.69	Category II: 0.07 Category III: 1.61	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	5.14	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WPCFI-02
Fife Median and 54th Span Design Option	1.69	Category II: 0.07 Category III: 1.62	WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WFI-33, WPCFI-02	5.24	WFI-01, WFI-02, WFI-03, WFI-04, WFI-06, WFI-08a, WFI-08b, WFI-08d, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-32, WFI-33, WPCFI-02

Table J4.4-6 Potential Construction-related Wetlands Impacts, by Alternative (continued)

Alternative	Total Wetland Impacts (acres)[1]	Wetland Impact by Ecology Category (acres)[1,2]	Impacted Wetland I.D.	Wetland Buffer Impacts (acres)[1,3]	Impacted Wetland Buffer I.D.
Fife I-5	4.99	Category II: 0.69 Category III: 4.31	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	7.93	WFI-02, WFI-03, WFI-04, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-16, WFI-17, WFI-18, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WPCFI-02
Fife I-5 and 54th Avenue Design Option	5.43	Category II: 0.69 Category III: 4.74	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WPCFI-02	7.97	WFI-02, WFI-03, WFI-04, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25,WFI-26, WFI-28, WFI-30, WPCFI-02
Fife I-5 and 54th Span Design Option	5.44	Category II: 0.69 Category III: 4.75	WFI-02, WFI-03, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-30, WPCFI-02	8.07	WFI-02, WFI-03, WFI-04, WFI-05, WFI-06, WFI-07, WFI-08a, WFI-10, WFI-11, WFI-12, WFI-14a, WFI-14b, WFI-16, WFI-17, WFI-21, WFI-22, WFI-24, WFI-25, WFI-26, WFI-28, WFI-30, WFI-33, WPCFI-02
Tacoma Segment					
Preferred Tacoma 25th Street-West	0.01	Category III: 0.01	WTA-01, WTA-04	0.08	WTA-02, WTA-04
Tacoma 25th Street-East	0.01	Category III: 0.01	WTA-01, WTA-04	0.08	WTA-02, WTA-04
Tacoma Close to Sounder	0.01	Category III: 0.01	WTA-01, WTA-04	0.13	WTA-02, WTA-04
Tacoma 26th Street	0.01	Category III: 0.01	WTA-01, WTA-04	0.05	WTA-02, WTA-04

Notes:

(1) Totals may vary from the sum of individual numbers due to rounding

(2) Wetland ratings (Hruby and Yahnke 2023) are preliminary and subject to review by permit authorities.

(3) Wetland buffer impact values in this table represent all affected areas inside functional wetland buffers, including areas that overlap with stream buffers. Wetland areas and stream areas, defined by the OHWM, are excluded from wetland buffer areas.

Temporary, construction-related impacts on wetland resources would occur where wetlands or wetland buffers are affected by clearing and ground-disturbing work but are restored and revegetated following construction. Such areas are within the project limits (including temporary construction easements) but not within the permanent impact footprint. Based upon the federal definition used by the Corps, “temporary” means these impacts would not be permanent, and wetland areas would be restored within 4 years after construction starts. Temporary impacts may include temporary alteration of wetland area, soils, hydrology, and/or vegetation. Temporary impacts may result from the use of staging areas, temporary work areas, access roads, stream relocations, cofferdams, clearing, stockpiles, erosion and sediment controls, or other temporary structures necessary to complete construction of the permanent facilities. Construction-related dewatering may temporarily alter groundwater discharge to wetlands. Wetland and wetland buffer functions could also be impacted by soil compaction, accidental spills of hazardous substances, noise and other human-caused disturbances, sedimentation, and introduction of invasive species.

The duration of temporary impacts on wetlands can vary depending on the type of vegetation that is affected. For instance, temporary impacts on emergent wetlands are generally

short-lived, with functions typically returning to pre-impact performance within one growing season. In contrast, temporary impacts on woody vegetation generally last longer because trees and/or shrubs may require several years or decades to achieve the size and stature necessary to provide pre-construction functions such as canopy habitat.

Construction of TDLE parking facilities at the stations in South Federal Way and Fife could be delayed up to 3 years after initial service opens. If that occurs, the construction-related effects described above would occur at these two station locations at the time the parking facilities are built.

The following sections outline the range of potential temporary construction impacts that could occur under each alternative. Actual impacts would depend on the final configuration and design, construction footprint and methods, BMPs implemented during construction (see Section 4.8.2), and performance of post-construction restoration. Direct construction impacts would be identified and quantified during final design and permitting.

4.3.2.1 No-Build Alternative

The No-Build Alternative would not have any temporary, construction-related impacts on wetlands. Areas temporarily affected by construction of the planned OMF South and SR 167 Completion projects (which are part of the No-Build Alternative) would be restored separately from TDLE.

4.3.2.2 Federal Way Segment Alternatives

The Preferred FW Enchanted Parkway Alternative would have slightly fewer direct construction-related impacts to wetlands and wetland buffers than the FW Design Option (Table J4.4-6). The FW Design Option would impact Wetland WFW-07 (an additional 0.03 acre), a small Category III wetland, at the northern end of the track. The Preferred FW Enchanted Parkway Alternative would avoid direct, construction-related impacts to Wetland WFW-07 and its buffer.

4.3.2.3 South Federal Way Segment Alternatives

The potential construction-related impacts of the South Federal Way Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-6. The SF 99-West Alternative would have the fewest direct, construction-related impacts to wetlands, followed by the SF Enchanted Parkway Alternative, the SF I-5 Alternative, and the SF 99-East Alternative. The SF 99-West Alternative has 0.19 acre fewer construction-related impacts than the SF Enchanted Parkway Alternatives and 1.13 acres fewer impacts than the SF I-5 Alternative. However, the SF 99-West impacts more area of high-quality wetlands (Category I and II wetlands) than either SF Enchanted Parkway or SF I-5 Alternatives. Under either of the SF 99 alternatives, the Porter Way Design Option would increase construction-related impacts on wetlands by more than 3 acres compared to SF Enchanted Parkway and SF I-5 alternatives, in part because it crosses the West Hylebos Creek and its associated wetlands twice.

The study area contains many large, complex wetlands associated with streams that provide high water quality, hydrologic, and habitat functions Most of the wetland area affected by construction-related impacts under all the alternatives would consist of Category II wetlands. All of the alternatives would also affect Category I wetlands; the greatest number of construction-related impacts to Category I wetlands would occur under the SF 99-East Alternative paired with Porter Way Design Option.

Construction-related impacts to wetland buffers would be the smallest under the SF Enchanted Parkway Alternative, followed by the SF I-5 Alternative, because they are in highly developed areas that do not contain extensive vegetation buffers. The SF 99-East with Porter Way Design Option would have the greatest impacts to buffers because there are more wetlands with vegetated, functional buffers that are less confined by development than those under other alternatives.

4.3.2.4 Fife Segment Alternatives

The potential construction-related impacts of the Fife Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-6. The Fife Pacific Highway and Fife Median alternatives have the same footprint and the same wetland impacts. These two alternatives along Pacific Highway E would have substantially fewer construction-related impacts than the I-5 alternative, mainly stemming from fewer impacts on Wetland WFI-02, a Category III wetland. Of the two design options, the 54th Avenue Design Option would have fewer impacts than the 54th Span Design Option because it avoids impacting Wetland WFI-33, a Category III wetland.

The Fife I-5 Alternative (with and without the two design options) would have almost 3 acres more wetland buffer impacts than the Fife Pacific Highway/Median alternatives.

4.3.2.5 Tacoma Segment Alternatives

The potential construction-related impacts of the Tacoma Segment alternatives on wetlands and wetland buffers are compared in Table J4.4-6. The differences between all four Tacoma Segment alternatives are minimal and for this discussion are considered the same. Construction would directly impact Wetlands WTA-01 and WTA-04, which are Category III wetlands associated with the Puyallup River. No construction-related impacts on wetlands are associated with the two bridge options. During the current phase of design, the project footprint near the Puyallup River was revised to eliminate temporary impacts on Wetland WFI-10 (Category I wetland) during construction.

Wetland buffers have the greatest construction-related impacts under the Tacoma 26th Street Alternative and the fewest under the Tacoma Close to Sounder Alternative. Buffers for Wetland WTA-02 and WTA-04 would be affected under all alternatives.

4.4 Threatened and Endangered Species

Potential impacts on ESA-listed fish would occur where project construction or operation would affect waters that are known or expected to support use by one or more of these species or their designated critical habitat. As discussed in Section 3.1.2, ESA-listed fish are known or expected to be present in the following streams in the study area:

- West Fork Hylebos Creek (Chinook salmon and steelhead; critical habitat for Chinook salmon).
- Hylebos Creek (Chinook salmon and steelhead; critical habitat for Chinook salmon).
- Wapato Creek (Chinook salmon and steelhead; no critical habitat).
- Puyallup River (Chinook salmon, steelhead, and bull trout).

Potential impacts on aquatic species and habitats (including threatened and endangered species) in these streams are analyzed in Section 4.1. As noted in that discussion, if a pier-supported bridge is built at the Puyallup River crossing, installation of pile-supported temporary work trestles and in-water piers could kill or injure ESA-listed fish in the river. A biological

assessment is being prepared to document compliance with the ESA and to support consultation with USFWS and NMFS. The assessment would also include a review of potential effects on essential fish habitat, as required by the Magnuson-Stevens Fishery Conservation and Management Act.

As discussed in Section 3.4.1, no ESA-listed plant or wildlife species are known or expected to be present in the study area. For this reason, none of the TDLE alternatives would have the potential for any adverse effects on ESA-listed plant or wildlife species.

4.5 Areas Protected Under Local Critical Areas Ordinances and Shoreline Master Programs

Potential impacts on areas protected under local critical areas ordinances would occur where the project footprint overlaps areas identified as wetlands or FWHCAs. Potential impacts on wetlands are analyzed in Section 4.3. Impacts on specific habitat types and areas identified as FWHCAs are analyzed in other sections of this chapter, as follows:

- Streams, lakes, and other waters of the state: Section 4.1 (Aquatic Species and Habitat).
- Riparian areas: Section 4.1 (Aquatic Species and Habitat).
- Mature forest: Section 4.2 (Vegetation, Wildlife, and Wildlife Habitat).

Forested areas where special-status wildlife species have a primary association may also be designated as FWHCAs. Impacts on such areas are discussed in Section 4.2 (Vegetation, Wildlife, and Wildlife Habitat).

Impacts within areas managed under shoreline master programs include the crossings of the Puyallup River and Hylebos Creek. The alternatives have nearly identical impact footprints within the shoreline jurisdiction in both areas.

4.6 Indirect Impacts

Indirect impacts include those effects that are related to the project but not part of it, and that may occur separated by distance or time. Other sources of indirect effects may be related to changes in the pattern of land use, population density, or water quality in the areas affected by the project. Indirect impacts may also occur through the implementation of mitigation measures for other environmental impacts, or through supporting projects that are not yet defined or considered part of the project alternatives.

For aquatic species and habitat, indirect impacts would be minimal because the surrounding areas are already heavily developed. TDLE is not expected to interfere with future projects that may provide habitat improvements such as road projects that may improve fish passage, or projects that may enhance vegetated and wetland areas in the project corridor. TDLE would be designed to ensure that it would not preclude future culvert replacement(s) by WSDOT to provide fish passage. Facilities that provide water quality treatment could minimize long-term indirect impacts on water quality in streams that provide habitat for fish sensitive to the toxic effects of contaminants in stormwater runoff. However, as discussed in the analysis of long-term impacts, treated water discharged from such facilities and untreated water that bypasses those facilities during major storm events may contain contaminants that can harm fish and other aquatic life. In addition, the presence of light rail structures near streams would limit options for riparian habitat restoration in the future.

Long-term indirect impacts on vegetation, wildlife, and wildlife habitat could include habitat loss or increased disturbance due to changes in land use patterns near the proposed station locations. Such impacts would be unlikely under any of the project alternatives, however, because all proposed station locations are in densely developed commercial and/or industrial areas.

If in-water work for a pier-supported bridge over the Puyallup River leads to detectable decreases in fish abundance in the Puget Sound, the availability of prey for Southern Resident killer whales could be reduced. The potential for this to occur, as well as any potential indirect impacts on Southern Resident killer whales, would be evaluated during ESA Section 7 consultation with NMFS.

Indirect impacts from TDLE may result in long-term wetland degradation from stormwater discharges and alterations in wetland hydrology. Impacts to wetland hydrology would be minimized through the development of stormwater management facilities that meet the standards established by local, state, and federal agencies with regulatory authority. Facilities that provide water quality treatment could minimize long-term indirect impacts on water quality in wetlands.

4.7 Cumulative Impacts

Past actions have greatly changed the ecological landscape in the study area and vicinity, and ongoing and reasonably foreseeable future actions could contribute to additional cumulative impacts. To address the effects of past development, restoration programs and projects (e.g., aquatic and terrestrial habitat improvement projects, culvert replacement projects to eliminate barriers to fish passage barriers) are being planned and implemented throughout the region. The potential for any of the TDLE alternatives to result in adverse cumulative impacts would be related to the direct impacts of that alternative. In other words, a project alternative with a greater extent and/or intensity of adverse impacts on ecosystem resources would have a greater risk of adverse cumulative impacts.

Permitted impacts for FWLE are 1.25 acres of wetland, 4.9 acres of wetland buffer, and 0.24 acre of riparian forest buffer (Sound Transit 2023). In addition, the Final EIS for FWLE identified impacts on 35 acres of forested habitat (Sound Transit 2016a). That EIS also analyzed impacts associated with the relocation of approximately 1,000 linear feet of stream channel (Bingaman Creek, which will be rerouted to meander around the columns supporting the elevated guideway). These impacts will be mitigated through the permitting process with regulatory agencies and local jurisdictions. The Federal Transit Administration (2017) determined that FWLE will not impact fish passage in Bingaman Creek or elsewhere; the project was designed to allow WSDOT to implement fish passage improvements on Bingaman Creek in the future, if necessary. In addition, by complying with WSDOT's and local jurisdictions' rules concerning tree replacement and the maintenance of visual quality, FWLE is expected to increase the amount of vegetated area over the long term.

Other reasonably foreseeable future projects that could adversely affect ecosystem resources in the study area include Sound Transit's OMF South, the City of Federal Way's City Center Access project, and Phase 1 of WSDOT's SR 167 Completion Project. These projects are largely on developed or partially developed parcels. Nevertheless, possible short-term and long-term impacts of these projects include loss or degradation of vegetation, wildlife habitat, streams, wetlands, and associated buffer areas. Impacts of the planned OMF South and the Federal Way City Center Access projects would contribute to those of the South Federal Way Segment alternatives.

SR 167 Completion Project Phase 1a was completed in 2021, and construction of Stage 1b, which includes installation of the riparian restoration program, is currently underway. Phase 1 of the SR 167 Completion Project includes the creation and/or restoration of approximately 2.6 miles of stream habitat and 110 acres of riparian buffer associated with Hylebos Creek, Surprise Lake Creek, and Wapato Creek. Based on a review of maps in the environmental reevaluation document for that project, some of the stream relocation sites and riparian habitat restoration areas along the mainstem of Hylebos Creek would be affected by the alternatives in the Fife Segment. The restored riparian areas along Hylebos Creek will be returned to the Puyallup Tribe of Indians when construction is completed. If one of the action alternatives is selected, careful coordination between Sound Transit, WSDOT, and the Puyallup Tribe of Indians would be essential in these areas to avoid or minimize effects on restored areas.

Phase 1 of the SR 167 Completion Project will also enlarge or replace several existing stream crossing structures. These structures will allow for continued fish passage or provide additional fish passage into stream reaches to which access is currently impeded. The new structures also provide additional movement opportunities for terrestrial wildlife, including under I-5 (FHWA and WSDOT 2018).

Several of the wetlands that will be affected by Phase 1 of the SR 167 Completion Project fall within the TDLE study area (FHWA and WSDOT 2018). If these wetlands are diminished or eliminated before TDLE construction begins, the total extent of TDLE-related wetland impacts could decrease. Even if this is the case, the impacts of the TDLE Fife Segment build alternatives on wetlands in the Hylebos Creek and Wapato Creek watersheds would contribute cumulatively to those of the SR 167 Completion Project.

Another consideration is mitigation for wetland impacts by both the SR 167 Completion Project and TDLE. The TDLE study area includes some sites that are currently under construction for habitat restoration to mitigate for wetland impacts from the SR 167 Completion Project. If any of the TDLE alternatives affect a wetland mitigation site for the SR 167 Completion Project, additional mitigation requirements may be triggered. In addition, mitigation sites where ecological uplift has been achieved for the SR 167 Completion Project will no longer be available as potential mitigation sites for TDLE-related impacts.

Coupled with the impacts of the past, present, and future projects described above, the impacts of the project alternatives could contribute cumulatively to reductions in the area and function of ecosystem resources in the study area. The potential for future projects to adversely affect ecosystem resources in the study area would be limited by regulatory review and/or permitting processes under Tribal, federal, state, and local regulations. These reviews and permitting processes would trigger the implementation of measures to avoid or minimize impacts on ecosystem resources, as well as compensatory mitigation for unavoidable impacts on wetlands, streams, and their buffers.

5 POTENTIAL MITIGATION MEASURES

Sound Transit's policy on ecosystem mitigation is to avoid impacts on environmentally sensitive resources and provide adequate mitigation to ensure no net loss of ecosystem function and acreage as a result of agency projects (Sound Transit 2007). The proposed project would mitigate impacts on ecosystem resources in accordance with the mitigation sequencing requirements established by SEPA, the CWA, and local critical areas ordinances. In this context, mitigation sequencing is defined as first avoiding and minimizing, then rectifying, reducing, compensating, and monitoring environmental impacts (WAC 197-11-768). As described above, the project alternatives would first avoid or minimize potential impacts on ecosystem resources to the greatest degree possible, and Sound Transit is committed to providing compensatory mitigation when avoidance is not practicable.

Proposed mitigation measures would include specific goals and objectives and specify monitoring criteria against which potential mitigation measures can be compared. Sound Transit would consider compensatory opportunities for advance mitigation, mitigation banks, and in-lieu fee programs, in collaboration with Tribal and regulatory agencies. Proposed compensatory mitigation measures and location(s) would be developed so that reviewing agencies can determine the likelihood of meeting all stated objectives. Conservation measures would be finalized during permitting.

5.1 Avoidance and Minimization of Impacts

The project alternatives incorporate the avoidance and minimization of impacts as a guiding principle during preliminary and final design. The build alternatives for the proposed project would avoid or minimize potential impacts on ecosystem resources whenever practicable. Sound Transit would comply with standard specifications, BMPs, and applicable Tribal, federal, state, and local mitigation requirements during design, construction, and post-construction activities. Measures would be incorporated into construction plans as specifications, as applicable. Sound Transit would meet all regulatory requirements and continue to implement proactive avoidance and minimization measures related to these BMPs in adherence with Tribal, federal, state, and local regulations. This would include conducting work over and within stream channels only during the approved in-water work window for each watercourse. Conservation measures arising from ESA Section 7 consultation would also be implemented.

These strategies, along with others designed to avoid or minimize effects on other resources, would be implemented to effectively minimize the potential impacts on sensitive ecosystem resources. Examples of additional strategies include minimizing vegetation clearing, restoring temporarily affected areas, and preparing and implementing a revegetation plan.

5.1.1 Avoidance and Minimization During Design Development

The development of the design for TDLE was strongly influenced by the presence and location of habitat features, vegetation conditions, and potential for fish and wildlife usage. The design was intended to minimize impacts on ecosystem resources and was reconfigured in several areas to further reduce impacts on important environmental features.

Most of the project has been located within heavily developed areas and/or along major road corridors. The project abuts these major highways (I-5, SR 99) with the minimum margin allowed under transportation safety and planning requirements.

Where feasible, Sound Transit performed detailed delineations of stream and wetland features along Hylebos Creek and its tributaries. These delineations were used by project designers to avoid or minimize impacts on these resources.

The project footprint was adjusted and reduced in some areas to avoid and minimize impacts on streams, riparian areas, wetlands, and mature forested areas, where feasible. For example, the footprint of staging areas near the Puyallup River was revised to eliminate impacts on Wetland WFI-10, a Category I (mature forested) wetland.

Vegetation clearing and related habitat impacts were avoided and minimized by focusing design elements, particularly staging and lay-down areas, in locations that were already developed or heavily disturbed. All proposed stations, parking areas and pedestrian access features are located in developed areas.

The location of the proposed bridge crossing over the Puyallup River is in an urbanized area, at the site of the former I-5 bridge location (demolished in 2022), between the newly constructed I-5 bridge and a railroad bridge. The proposed approaches and construction staging area for TDLE are currently in use as staging areas for the reconstruction of I-5 by WSDOT. The selected crossing site uses the footprint of an existing bridge and avoids nearby riparian forests. As a result, the crossing sites would impact only small areas of already-disturbed riverbank vegetation, minimizing impacts on riparian habitats. Limited by the deep shade of the large existing bridge, the impacted vegetation consists of patches of Himalayan blackberry and willows that are confined to a narrow band by the levee access road (see Sections 3.1.2.13 and 3.3.3). The long-span bridge option would clear-span the river, requiring no pilings in the riverbed and thereby avoiding direct impacts on the river and its aquatic habitats. The pier-supported bridge option was designed to use the minimum number of piles needed for structural support.

5.1.2 Construction Best Management Practices

Sound Transit has developed BMPs to avoid and minimize impacts during construction to the extent feasible. Many of these BMPs are based on the conditions likely to be set forth in project permits. The following subsections identify BMPs that would be implemented for sensitive areas in general, as well as BMPs specifically targeting fish and aquatic habitats, including water quality.

5.1.2.1 General BMPs for All Sensitive Areas

Sound Transit or the construction contractor would delineate construction limits with fencing and signage to prevent inadvertent impacts on ecosystem resources such as wetlands, riparian vegetation, or sensitive upland habitats. The intent of the fencing and signage would be to prevent impacts on sensitive sites outside the construction limits. The construction limits would be clearly marked with high-visibility construction fencing before clearing or ground-disturbing activities begin. Clearing and ground-disturbing activities outside the construction limits would not be allowed. Temporarily cleared vegetation would be restored after construction is complete. Site restoration would include replanting disturbed areas with appropriate native vegetation, as soon as practicable. Sound Transit would also implement appropriate measures to minimize the risk of introduction and spread of noxious and invasive plant and animal species.

To minimize the risk of harm to species protected under the Migratory Bird Treaty Act, Sound Transit would consult with staff from WDFW or USFWS about measures to conserve migratory birds and their nests.

Sound Transit or its construction contractor would develop a Temporary Erosion and Sediment Control (TESC) plan that would be implemented during construction. The TESC plan would identify measures for preventing sediment from soil or rock stockpiles, excavated materials, or excess soil materials being conveyed by high water or storm runoff into sensitive habitats, including stream channels, wetlands, and riparian areas outside the construction limits. The contractor would implement the plan before discharging or allowing runoff from the site. Monitoring requirements specified in the TESC would provide feedback to make sure that the erosion control practices are operating properly and effectively. In addition, BMPs would be implemented to limit soil compaction in sensitive areas.

5.1.2.2 Fish and Aquatic Habitat Protection

Construction activities within or below the OHWM of waterbodies in the study area would comply with the terms and conditions set forth in the HPA and other permits (such as the CWA Section 404 permit) issued for the project, including provisions designed to avoid or minimize the potential for adverse effects on habitat in receiving waters. Such provisions may include seasonal limits or other restrictions on construction below the OHWM to minimize the risk of adverse effects on fish during highly sensitive life history stages (e.g., spawning, rearing).

In accordance with typical requirements of an HPA, if LWD must be moved to allow the reasonable use of an over-water or in-water facility, the LWD would be returned to the water downstream, where it would continue to provide aquatic habitat function.

Sound Transit has committed to minimizing the need to place existing streams in new culverts and has designated the TDLE alternatives to avoid new stream piping wherever possible. If project construction necessitates the modification or replacement of any existing culverts in waters of the state, the design of the replacement culverts would comply with the fish passage requirements specified in WAC 220-110-200. Any affected streambeds or stream banks adjacent to culverts would be permanently restored with plantings of native or approved woody and herbaceous species within 1 year of completion of each phase of construction. Bank protection, if required, would follow the guidelines set forth in Washington State's Integrated Streambank Protection Guidelines (Cramer et al. 2003).

Water quality protection would be addressed through compliance with the CWA Section 401 water quality certificate and the National Pollutant Discharge Elimination System (NPDES) construction stormwater general permit issued for the project. The goal of the permit is to reduce or eliminate stormwater pollution and other impacts on surface waters from construction sites. The project would also be required to develop a stormwater pollution prevention plan (SWPPP) that implements BMPs for identifying, reducing, eliminating, or preventing sediment and erosion problems on site. The SWPPP would include a TESC plan; spill prevention, control, and countermeasures plan; concrete containment and disposal plan; dewatering plan; and a fugitive dust plan.

Specific BMPs for avoiding or minimizing potential impacts on water quality include the following:

- Operating heavy equipment above the OHWM, except as specifically authorized under the HPA issued for the project.
- Covering temporarily stored materials with plastic or other impervious material during rain events to prevent sediments from being washed from the storage area to surface waters.
- Inspecting all temporary and permanent erosion and sedimentation control measures on a regular basis and maintaining and repairing them as needed to ensure continued performance of their intended function.

- Preventing the discharge of turbid water to streams and wetlands. Turbid wastewater may be routed to temporary or permanent detention facilities or to upland areas that provide adequate infiltration.
- Cleaning and inspecting all equipment to be used for construction activities before it arrives at the project site to ensure no potentially hazardous materials are exposed, no leaks are present, and the equipment is functioning properly. Should a leak be detected on heavy equipment used for the project, the equipment would be repaired before use. Construction equipment and vehicles would be maintained to prevent them from leaking fuel or lubricants.
- Preventing contact of uncured concrete and/or concrete byproducts with streams or water conveyed directly to streams during construction, in accordance with WAC 220-110-270(3). A concrete truck chute cleanout area or equally effective BMP would be established to properly contain wet concrete.

5.1.3 Design and Operation Best Management Practices

The project would install permanent stormwater runoff treatment and flow control facilities where needed according to the requirements of the most recently adopted Ecology Stormwater Management Manual for Western Washington. Where applicable and feasible, the project would incorporate stormwater conveyance and management facilities that promote infiltration. Sound Transit would design and construct permanent stormwater treatment facilities and flow-control measures to minimize impacts on stream water quality and flow.

The project would select, design, and install runoff treatment BMPs that are best suited to the site conditions and best capable of achieving the required levels of treatment (subject to negotiation with the local jurisdiction and/or Ecology). The project would not reroute existing drainage configurations to the extent that stormwater from one basin or subbasin is conveyed and discharged to another.

The project would implement integrated pest management techniques, in accordance with current Ecology water quality agreements, to minimize the impact on aquatic and terrestrial environments.

5.2 Rectifying and Reducing Impacts over Time

To the extent that impacts cannot be avoided or minimized through BMPs, Sound Transit would implement restoration measures to rectify temporary impacts and reduce their effects over time. Immediately following project construction, Sound Transit would begin restoring temporarily disturbed wetlands, streams, and buffer areas. The length of time that would be required for site restoration to effectively replace habitat functions would vary. To the extent feasible, temporarily disturbed wetlands, streams, and their buffers would be restored to preconstruction conditions, or better, and planted with appropriate native species when construction activities are finished. Sound Transit would conduct detailed site surveys to reestablish topography. Restoration would include soil decompaction and amendment where needed, followed with vegetation replacement. Upland vegetation disturbed within construction staging areas would be revegetated with native species generally within 1 year following construction. Invasive, nonnative vegetation disturbed during construction would be removed and the site restored with native vegetation to improve the overall habitat for wildlife.

5.3 Compensatory Mitigation

For unavoidable long-term impacts on wetlands, streams, and their buffers, Sound Transit would develop a compensatory mitigation plan during the permitting phase in accordance with applicable federal, Tribal, state, and local requirements and guidelines. These include the federal Final Compensatory Mitigation Rule (40 CFR Part 230); interagency guidance (Wetland Mitigation in Washington State; Ecology 2021); and the applicable local critical areas ordinances and shoreline regulations. Mitigation would be coordinated with regulatory agencies, employing a watershed approach and the mitigation tools available to the project. Where the project affects any fish-bearing streams or fish passage structures, Sound Transit would coordinate with the appropriate Tribes and agencies (e.g., WSDOT, WDFW) on mitigation concepts, restoration priorities and methods.

If compensatory mitigation for wetland or stream impacts is required, ground-disturbing work and human activity associated with mitigation project implementation could disturb wildlife or temporarily degrade habitat. Any such impacts would be short-lived and would be offset by long-term improvements in habitat conditions at the mitigation site.

Sound Transit would also comply with local ordinances regarding tree replacement ratios. Tree removal within the I-5 corridor would be mitigated according to the WSDOT Roadside Policy Manual.

Sound Transit plans to follow federal mitigation rules (73 FR 19594, April 10, 2008), which prioritize approved mitigation banks and in-lieu fee programs, where available.

5.3.1 Approved Mitigation Bank

TDLE lies within the service area of the Port of Tacoma's Upper Clear Creek mitigation bank. This mitigation bank was certified in June 2020 and could be used to offset project impacts in the Hylebos Creek watershed if credits are available at the time of permitting. Mitigation banking accreditation takes considerable lead time for planning and approval, so it is unlikely that another mitigation bank could become certified in time to serve the project.

5.3.2 County In-Lieu Fee Programs (Mitigation Reserves Program)

King and Pierce Counties have developed in-lieu fee programs, but only the King County Program is applicable to this project. The Pierce County Freshwater In-Lieu Fee Program (ILF) was certified in 2015 (Pierce County 2020c). However, the program is currently applicable only for impacts within the watersheds of Chambers and Clover Creeks, neither of which includes TDLE. If additional sites were added to the Pierce County ILF program within the Hylebos or Puyallup River watersheds, then use of this program may be possible.

The King County In-Lieu Fee Program is called the Mitigation Reserves Program, which was approved by the Corps in March 2012 (King County 2011). The program includes service areas within the watersheds affected by TDLE (i.e., Green River and Central Puget Sound) that are in King County. The City of Federal Way updated critical areas ordinances allow for compensatory mitigation to be provided through a certified in-lieu fee program.

5.3.3 Project-Specific Mitigation Developed by Sound Transit

Sound Transit might be required to mitigate for unavoidable impacts on wetlands, streams, and salmon habitat through permittee-responsible, project-specific mitigation in accordance with the

federal Final Compensatory Mitigation Rule (40 CFR Part 230) and joint wetland mitigation guidance developed by Ecology, the Corps, and the EPA (Ecology et. al. 2021). The guidance supports the implementation of a watershed approach to selecting mitigation sites. This approach allows for a greater degree of flexibility in selecting mitigation sites and potentially greater value created for the watershed than the previous regulatory focus on onsite mitigation. Sound Transit anticipates using this approach to determine the appropriate location, amount, and types of compensatory mitigation to compensate for the specific type and degree of functions affected by TDLE.

Opportunities to mitigate for permanent stream impacts may include restoration of in-stream habitat, stream daylighting, replacement of culverts blocking fish passage, creation of off-channel habitat, or purchase of salmon credits from an approved bank. Stream mitigation would be developed in coordination with Tribal partners, resource agencies, local jurisdictions, and permit authorities.

Opportunities for wetland mitigation may occur in the study area and within the greater project vicinity. In cooperation with resource agencies, Sound Transit would develop plans to mitigate the effects of the project on wetlands, streams, and buffers. To the extent possible, compensatory mitigation sites would be identified and compensate for lost values in-kind. It may be necessary to use several sites and mitigation approaches given the project size, the variety of impacts, complexity of identifying mitigation opportunities, and mitigation requirements. The availability of potential mitigation sites may be limited. Many sites where mitigation could feasibly be implemented have already been dedicated for habitat restoration as compensatory mitigation for the impacts of other projects, such as WSDOT's SR 167 Completion Project.

The project would adhere to the mitigation requirements (such as mitigation ratios) specified by federal regulators, Tribes, state resource agencies, the cities of Federal Way, Milton, Fife, and Tacoma, Pierce County (a portion of the project occurs in unincorporated Pierce County), the Mitigation Banking Instrument for the Upper Clear Creek mitigation bank, and (if King County's in-lieu fee program is used) the King County Mitigation Reserves Program. Impacts on streams would be mitigated through restoration actions developed in collaboration with federal, state, and local regulators, and Tribal biologists.

Compensatory wetland mitigation would be provided for construction impacts lasting more than one growing season, and for permanent conversion of wetlands from one vegetation type to another (e.g., forested wetland to emergent or scrub-shrub wetland), as well as for indirect impacts on wetlands. Generally, compensation for long-term temporary impacts is 1/4 of the typical ratio for long-term permanent impacts and 1/2 for conversion of wetlands. Impacts on buffers would generally be replaced at a minimum ratio of 1:1 using buffer enhancement. In areas where stream buffers and wetland buffers overlap, mitigation for impacts would be based on the local jurisdiction's requirements for mitigating impacts either on wetland buffers or stream buffers, whichever requirements are more stringent.

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ATTACHMENT A

Wetland Delineation Methodology

WETLAND IDENTIFICATION AND DELINEATION

Parametrix biologists used the methods specified in the U.S. Army Corps of Engineers Wetland Delineation Manual (Environmental Laboratory 1987) and the indicators described in the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Corps 2010) to delineate on-site wetlands.

Wetlands are defined as those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. An area must meet these three criteria or exhibit at least one positive field indicator of wetland vegetation, soils, and hydrology to be considered a wetland. Wetland determination data forms from the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Corps 2010) were recorded for each wetland.

Vegetation

During the field investigations, the biologists observed the dominant plant species and recorded each on a data form for each sample plot. They evaluated dominant plants and their wetland indicator status to determine whether the vegetation was hydrophytic. Hydrophytic vegetation is generally defined as vegetation adapted to prolonged saturated soil conditions. To meet the hydrophytic vegetation criterion, more than 50 percent of the dominant plants must be Facultative, Facultative Wetland, or Obligate, based on the plant indicator status category assigned to each plant species by the Corps (Corps 2020).

Scientific and common plant names follow currently accepted nomenclature. Most names are consistent with Flora of the Pacific Northwest (Hitchcock and Cronquist, 2nd Edition 2018), Plants of the Pacific Northwest Coast (Pojar and MacKinnon 2004), and the U.S. Department of Agriculture (USDA) PLANTS Database (USDA 2020). However, scientific names listed in the 2020 National Wetland Plant List (Corps 2020) were used as the final authority in preparing determination forms and determining species indicator status.

Soils

Generally, an area must have hydric soils to be a wetland. Hydric soil forms when soils are saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper layers. Biological activities in saturated soil result in reduced oxygen concentrations that create a preponderance of organisms using anaerobic processes for metabolism. Over time, anaerobic biological processes produce certain color patterns in mineral soils and/or enhance accumulation of organic soils (e.g., peat), which are used as field indicators of hydric soil. Typically, low-chroma colors are formed in the soil matrix. Bright-colored redoximorphic features form within the matrix under a fluctuating water table. Other important hydric soil indicators include organic matter accumulations in the surface horizon, reduced sulfur odors, and organic matter staining in the subsurface. Soils were examined by excavating sample plots to a depth of 16 inches or more, wherever feasible, to observe soil profiles, colors, and textures. Munsell color charts (Munsell Color 2015) were used to describe soil colors and the Field Book for Describing and Sampling Soils (Schoeneberger et al. 2012) was used to describe the soil texture class.

Hydrology

The study area was examined for evidence of hydrology. An area is considered to have wetland hydrology when soils are ponded or saturated consecutively for 12.5 percent of the growing season (Environmental Laboratory 1987). The growing season generally occurs from late February (February 27) to late November (November 21) (based on SeaTac Airport weather station climate data). Therefore, ponding or saturation must be present for approximately 33 consecutive days within the growing season. Wetland hydrology is determined by the identification of specific indicators described in the regional supplement (Corps 2010). The observation of one primary indicator or two secondary indicators is a positive indication of wetland hydrology. The project is located in Major Land Use Area 2, within Land Resource Region A (Corps 2010; NRCS 2006). Within these regions, primary and secondary indicators of hydrology are described by group and comprise:

- Group A (Observation of Surface Water or Saturated Soils): Surface inundation, high water table, and saturated soils.
- Group B (Evidence of Recent Saturation): Water marks, sediment and drift deposits, algal mats, iron deposits, surface soil cracks, inundation visible on aerial imagery, sparsely vegetated concave surfaces, salt crusts, and aquatic invertebrates. *Secondary*: Water-stained leaves and drainage patterns.
- Group C (Evidence of Current or Recent Soil Saturation): Hydrogen sulfide odor, oxidized rhizospheres along living roots, presence of reduced iron, and recent iron reduction in tilled soils. *Secondary*: Dry-season water table and saturation evident on aerial imagery.
- Group D (Evidence from Other Site Conditions or Data): Stunted or stressed plants. *Secondary*: geomorphic position, shallow aquitard, vegetation Facultative-neutral test, raised ant mounds, and frost-heave hummocks.

ATTACHMENT B

Sound Transit's Stream Habitat Assessment Guidelines

STREAM HABITAT ASSESSMENT GUIDELINES

January 2016

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SOUND TRANSIT STREAM HABITAT ASSESSMENT GUIDELINES

1. Introduction

Sound Transit projects often intersect with and affect streams. To comply with local, state, and federal rules and regulations, Sound Transit assesses stream conditions, determines stream impacts that will occur as a result of a project, and mitigates those impacts as appropriate. The analytical methodologies used and level of detail needed to meet these requirements depends on a variety of factors including: 1) the stage of project development and complexity of the project, 2) the extent to which Sound Transit has property access to streams, and 3) the magnitude of impact. Less detailed information is typically collected during planning and early design stages such as during SEPA/NEPA environmental review and preliminary engineering because rights-of-entry are not granted onto privately owned properties, thus restricting access to streams. Also, at this stage, multiple alternative alignments may be under consideration, making more labor-intensive field investigations less feasible from the standpoint of cost and time. At later stages of project development, once the project to be built is selected or final design is underway, more detailed analyses may be appropriate depending on access, the magnitude of potential impacts, and the types of environmental permits that may be necessary to construct the project.

Various methodologies exist on how to approach stream assessments in Washington and no one methodology is required, or is applicable to all projects or to all stages of project development. In addition, Native American tribes with fishing rights often request specific information about the effects of a project on both existing fish use and potential fish use of a stream. In this context, Sound Transit seeks to achieve greater consistency in how it approaches the assessment of streams at various stages of project development and under various conditions. The purpose of this document is to establish general guidelines for applying various stream assessment methods to Sound Transit projects based on the most commonly used methodologies in Washington. The information presented herein is for guidance only and is based on some of the most common scenarios encountered on Sound Transit projects. Sound Transit recognizes that other scenarios are possible and that professional judgment will be necessary when considering the best approach for specific projects. Proper application of professional judgment may reduce the collection of extraneous information, and reduce project effort and expense. The intent of these guidelines is to provide some level of consistency in Sound Transit's approach to assessing streams so that local, state, and federal regulators generally know what to expect during project reviews.

For the purposes of this document, project development is categorized into two phases: the initial environmental review and preliminary engineering phase (Phase 1) and the permitting/final design phase (Phase 2). These are further described below:

- **Phase 1 Projects** – Planning stage that includes environmental review under SEPA/NEPA and conceptual and preliminary design. At this stage, various alignments or sites may initially be under consideration, and Sound Transit may or may not have rights-of-entry to the properties being evaluated. In general, objectives at this stage of project development are to:

1) Identify streams within the study area
2) Characterize in-stream and riparian conditions (including fish use and barriers to fish use of the stream) based on readily available information and visual observations as possible
3) Determine potential impacts to streams for the alternative(s) under consideration during the environmental review process, and
4) Identify conceptual-level mitigation opportunities for impacts to streams (aquatic and riparian habitats).

Phase 1 projects may include Endangered Species Act consultation, with the overall objective of being able to make and support accurate effect determinations for federally listed aquatic species potentially occurring in affected streams. Phase 1 of Sound Transit's project development culminates with completion of the NEPA/SEPA environmental review process and Sound Transit's selection of a specific project alternative to build.

- **Phase 2 Projects** – Final project design stage that includes environmental permitting and detailed mitigation to address project-related impacts to streams. At this stage, full access is typically available for the project. The overall objective is to secure necessary environmental permits/approvals including but not limited to local critical areas permits, a Hydraulic Project Approval (HPA) from the Washington Department of Fish and Wildlife (WDFW), a Clean Water Act Section 404 permit from the United States Army Corps of Engineers (Corps), and a 401 Water Quality Certification or Coastal Zone Management Consistency Determination from the Washington State Department of Ecology (Ecology).

Section 2 of this guidance document, **Using the Stream Assessment Flowcharts**, helps guide the reader in determining the appropriate level of data collection during the two project phases described above. To do this, a flowchart has been created for Phase 1 and Phase 2 projects, taking into account various project variables. The flowcharts and overview of how to use them are provided in Section 2. The flowcharts in Section 2 are supported by additional tools and more detailed information on various methodologies described in **Section 3 - Data Collection for Key Aquatic Habitat Elements**. Both Section 2 and Section 3 are organized around five stream features, referred to as Key Aquatic Habitat Elements and described below.

General recommendations for the appropriate use of these guidelines, as well as a discussion of their limitations, are provided in **Section 4 - Considerations and Limitations**.

2. Using the Stream Assessment Flowcharts

The flowcharts should be used to determine the appropriate data needs and level of field assessment that will be required for a project. Working through the flowcharts with site specific information will require the collection of qualitative and/or quantitative information on various Key Aquatic Habitat Elements. These elements are the key habitats and stream features that may be impacted by a project and are directly related to ecological functions that support a stream ecosystem. The Key Aquatic Habitat Elements are:

- ***riparian vegetation,***
- ***physical in-stream habitat,***
- ***biological connectivity,***

- ***water quality and quantity, and***
- ***fish presence, fish habitat use, and stream typing***.

Information would be gathered during site visits or collected using specific survey techniques. The various "levels" of data collection for each Key Aquatic Habitat Element have been classified into one of three categories, or "Tracks". Tracks A, B, and C represent an increasing level of detail for data collection and generally correlate to the phase of the project, the extent to which access is available, and/or the magnitude of stream impact.

2.1 Phase I Projects

Figure 1 on page 4 is the stream assessment flowchart for planning-level projects. It shows the general process to follow when considering potential stream impacts associated with Phase 1 projects. For all Phase 1 projects that include stream habitats, regardless of access or impact level, the first step is to collect background information on each of the Key Aquatic Habitat Elements associated with each stream in the study area. To help guide these efforts, see **Section 3 – Data Collection for Key Aquatic Habitat Elements**. Section 3 includes more detailed information on specific data sources to consult when collecting this information. The information gathered will help form the basis of the *Existing Conditions* or *Affected Environment* section of the environmental document being prepared for the project.

After collecting background information, some level of data should also be collected in the field. The data collected and the stream assessment methods used will vary for Phase 1 projects depending on 1) whether or not impacts are anticipated impact, and 2) whether or not the project team has right-of-entry to parcels that contain streams.

If access is limited, Track A Methods should be used for each Key Aquatic Habitat Element to the extent feasible. Areas where access to streams is not limited include existing Sound Transit right-of-way, WSDOT right-of-way, or other publicly-owned rights-of-way such as parks. In these areas, the project team should consider the anticipated level of impact to each Key Aquatic Habitat Element. The level of analysis required for a given Key Aquatic Habitat Element should be commensurate with the potential for impacts at a given site. In order to appropriately size the analysis, the flowchart requires consideration of whether or not impacts are expected to occur within the stream environment, looking in turn at each of the Key Aquatic Habitat Elements. For Phase 1 projects, a simple determination of either "Impact" or "No Impact" should be made for each Key Aquatic Habitat Element as presented in Table 1 (see page 5). The results of this analysis will help determine the level of data collection and analysis appropriate for each ecological function. If impacts are anticipated, the project study team should coordinate with Sound Transit environmental staff before initiating Track B data collection efforts as the data may already have been gathered by others or a shift in the project footprint may occur that negates the need to do more detailed surveys.

Depending on the outcomes from using the stream assessment flowchart for Phase 1 projects, various levels of data collection (either Track A or Track B) will need to be conducted. For information on specific stream habitat assessment methods to use under Track A or Track B, refer to **Section 3 – Data Collection for Key Aquatic Habitat Elements.** Tables 3 and 4 in that section outline pertinent assessment methods for each Key Aquatic Habitat Element, including detailed information on specific analysis metrics and survey methods that may be appropriate under Tracks A and B.

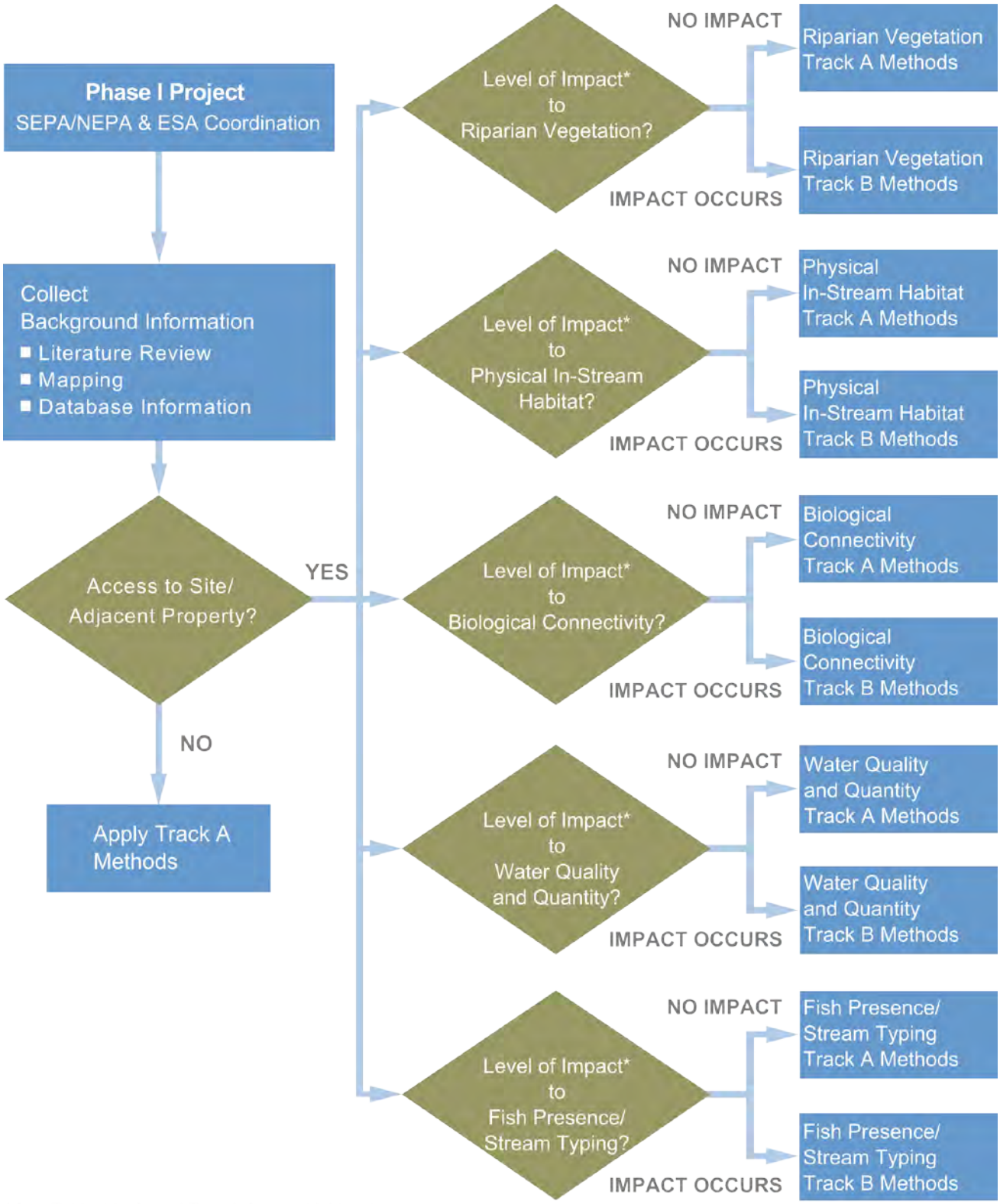

*See Table 1 in *Sound Transit Stream Habitat Assessment Guidelines* document to assess level of impact

Figure 1
Stream Assessment Flowchart for Sound Transit Phase 1 Projects

Table 1 Impact Classification for Phase I Projects Based on Impacts to Key Aquatic Habitats

Key Aquatic Habitat Element	Impact Classification	
	No Impact	**Impact**
Riparian Vegetation	No clearing within riparian zone	Clearing riparian vegetation, OR Removing significant trees[1]
Physical In-Stream Habitat	No in-water work or disturbance to bed and streambank below OHWM[2]	Working in-water involving bank hardening, OR Installing fish habitat features (e.g., LWD[3] or boulders), OR Altering substrate
Biological Connectivity	No installation, removal, or alteration of culverts, bridges, weirs, or other potential passage barriers	Replacing or installing culverts, weirs, or bridges in non-fish bearing waters
Water Quality and Quantity	No new stormwater discharges or increases in impervious surface	Adding new stormwater discharges or increasing impervious surface
Fish Presence, Fish Habitat Use, and Stream Typing	No in-water or riparian impacts	In-water or riparian impacts occur

[1] Significant trees should be defined using the local jurisdiction's Critical Areas and/or Urban Forestry code sections. If significant trees are not defined by local code, assume significant trees are those trees 6-inches or greater dbh (diameter breast height).
[2] OHWM – ordinary high watermark
[3] LWD – large woody debris

2.2 Phase 2 Projects

Figure 2 on page 6 is the stream assessment flowchart for projects in final design. It shows the general process to follow when assessing streams in greater detail for Phase 2 projects that involve stream impacts. For Phase 2 projects, access to all riparian areas is assumed for purposes of conducting field work using either Track B or Track C methods. In the unusual event that access to all parcels is not available during Phase 2, Track A methods should be used to the extent feasible.

Using more detailed project design drawings, the level of data collection for Phase 2 projects will vary depending on the severity of impacts to Key Aquatic Habitat Elements. For each stream impact area, impacts should be classified as either a "Minor Impact" or "Substantial Impact". Table 2 on page 7 should be utilized to help classify potential Phase 2 project impacts on each Key Aquatic Habitat Element, based on specific project activities and quantification of expected impacts to each habitat element. However, it should be noted that the criteria may be adjusted based on the relative severity of project impacts within each project area. The project study team should coordinate with Sound Transit environmental staff to confirm the impact classification and intended data collection track before initiating data collection, as some or all of the data may already have been gathered by others, or a shift in alignment may occur that negates the need to do more detailed survey.

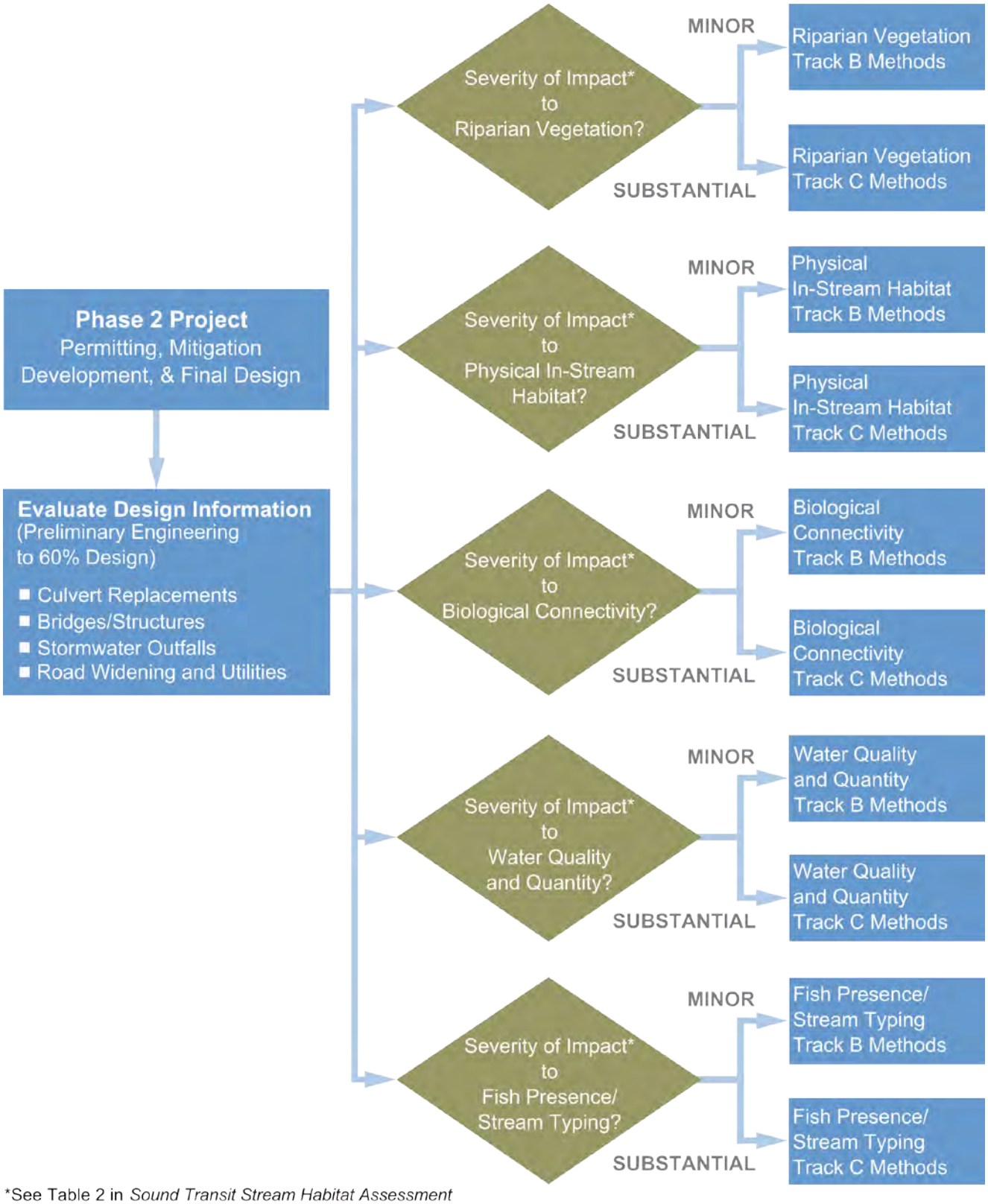

*See Table 2 in *Sound Transit Stream Habitat Assessment* Guidelines document to assess level of impact

Figure 2
Stream Assessment Flowchart for Sound Transit Phase 2 Projects

Table 2 Impact Classification for Phase 2 Projects Based on Impacts to Key Aquatic Habitats

Key Aquatic Habitat Element	Impact Classification	
	Minor Impact	**Substantial Impact**
Riparian Vegetation	Clearing less than 5,000 square feet of riparian vegetation, OR Removing 1 to 5 significant trees[a]	Clearing riparian vegetation in amounts exceeding minor impacts[1]
Physical In-Stream Habitat	In-water work involving bank hardening of <20 linear feet, OR Installing fish habitat features (e.g., LWD[2] or boulders), OR Altering substrate < 100 square feet	In-water work exceeding thresholds for minor impacts, OR stream straightening (meander loss) OR Site will be used as a compensatory mitigation site
Biological Connectivity	Replacing or installing culverts or weirs in non-fish bearing waters	Replacing or installing culverts, fishways, or weirs in fish-bearing waters
Water Quality and Quantity	Adding new stormwater discharges or increasing impervious surface where all stormwater is treated and detained and no 303(d) listed or TMDL[3] reaches	Adding new stormwater discharges or increasing impervious surfaces where discharge to 303(d)/TMDL[3] reach occurs, OR where full treatment and detention does not occur
Fish Presence, Fish Habitat Use, and Stream Typing	Minor impacts to one or more key aquatic habitats listed above	Substantial impacts to physical habitat or riparian vegetation aquatic habitat elements, OR project involves any changes (negative or positive) in fish passage conditions, OR where stream diversions/fish removal activities occur

[1] Significant trees should be defined using the local jurisdiction's Critical Areas and/or Urban Forestry code sections. If significant trees are not defined by local code, assume significant trees are those trees 6-inches or greater dbh (diameter breast height).
[2] LWD – large woody debris
[3] TMDL – total maximum daily load

Depending on the outcomes from using the stream assessment flowchart for Phase2 projects, various levels of data collection (either Track B or Track C) will need to be conducted for each Key Aquatic Habitat Element as appropriate. For information on specific stream habitat assessment methods to use under Track B or Track C, refer to **Section 3 - Data Collection for Key Aquatic Habitat Elements.** Tables 3 and 4 in that section outline pertinent assessment methods for each Key Aquatic Habitat Element, including detailed information on specific analysis metrics and survey methods that may be appropriate under Tracks B and C.

3. Data Collection For Key Aquatic Habitat Elements

Once the user has taken their Phase 1 or Phase 2 project through the appropriate flowchart in Section 2, Section 3 should be consulted to obtain more detailed information on specific data sources and stream assessment methodologies. Table 3 summarizes the recommended data to be collected for streams during all stages of project development. This includes background information, which should be collected in all cases, as well as field data collection for Tracks A, B, and C, which will depend on the anticipated level of impact to each Key Aquatic Habitat Element. The information in Table 3 is organized by Key Aquatic Habitat Element. Collection and assessment techniques for each Key Aquatic Habitat Element are described in more detail below. These data needs and assessment procedures have been selected to be generally applicable over the wide range of project types and permitting scenarios encountered by Sound Transit. During project development, the recommendations provided below may need to be adjusted based on project-specific input from regulatory agencies and Tribal entities.

3.1 Riparian Vegetation

For detailed information on specific riparian habitat assessment techniques and methods, see the *Oregon Riparian Assessment Framework* (Clarke, 2004) or Winward (2000). A common method for estimating canopy coverage is presented in (Daubenmire, 1959).

3.1.1 Background Information

1) Review existing literature –Reports or data sources that may contain information for reach or sub-basin scale riparian conditions include:

- The Washington State Conservation Commission Limiting Factors Analysis, organized by Water Resource Inventory area (http://scc.wa.gov/directory/ or http://www.eopugetsound.org/articles/water-resource-inventory-areas-puget-sound)
- Information on rare plants distribution from the Washington Department of Natural Resources Natural Heritage Program Database at: http://www.dnr.wa.gov/ResearchScience/HowTo/ConservationRestoration/Pages/amp_nh_data_instructions.aspx
- Local watershed analysis or stream assessment reports
- Local Shoreline Master Program Inventory reports Shoreline Master Program Inventory reports http://www.ecy.wa.gov/programs/sea/shorelines/smp/citizen.html

2) Review aerial photographs and any available site photos.

- Google Earth – also view past riparian conditions using historic photos on site
- Bing Maps – Birds Eye View feature is useful for assessing riparian conditions
- Digital or hardcopy orthophotos

3) Based on the results of steps 1) and 2) above, summarize the following:

- General vegetation type (forested, shrub, herbaceous, none (bare earth/built)),
- Tree canopy type (deciduous, coniferous, or mixed)
- Approximate density of vegetation types (dense or sparse),
- Approximate width of buffer on each streambank at project site (based on aerial photos), and
- Estimated average riparian buffer width upstream and downstream of project site.

Table 3. Overview of Data Collection Needs For Key Aquatic Habitat Elements

Key Aquatic Habitat Element[1]	Background Information[2]	Track A[3] – Limited Site Access or No Impact	Track B – Site Access and Minor Impacts	Track C – Site Access and Substantial Impacts OR Site to be Used as Compensatory Mitigation
Riparian Vegetation	1) Review existing literature 2) Review aerial photographs and existing site photos 3) Characterization should include: • vegetation type (i.e., forested, shrub, herbaceous, built, coniferous, deciduous, genus and species if possible), • relative vegetation densities	1) Site visit with qualitative description of riparian conditions: • vegetation type, height, and relative density • width/length of riparian zone • presence of overhanging or fallen vegetation/stream cover • presence of invasive plant species (estimate percent cover if possible)	1) Collect qualitative and quantitative field data from riparian zone including: • approximate height for each vegetation layer • approximate tree/shrub densities • identify invasive species and observed snags/dead and down trees • width, length, and area of functioning riparian zone • stream banks vegetation type, height, and density • percent vegetation that covers the stream • qualitative evaluation of known limiting riparian factors such LWD[3] or shade limitations	Collect Track B data, supplemented by tree counts, GPS survey, or professional land survey within forested riparian impact area to include: • tree species • tree diameters • estimated tree heights • locations of snags/dead and down
Physical In-Stream Habitat	1) Review existing literature 2) Review aerial photographs, topographic maps and site photos 3) Characterization should include: • stream width • dominant in-stream sediment • LWD[4] presence • channel morphology • streambank condition	1) Site visit to qualitatively assess the following through visual observations: • stream width • LWD presence • general channel morphology • general bank condition • dominant stream substrate • relative amount of instream cover and refuge **ALSO SEE TABLE 4 FOR MORE DETAILS**	1) Site visit to quantitatively assess the following conditions within, upstream, and downstream of project site: • wetted and OHWM[5] stream width • LWD size, location, and type • channel morphology - pool, riffle, run, glide • bank condition - stability/armoring • stream substrate - dominant/subdominant and particle distribution **ALSO SEE TABLE 4 FOR MORE DETAILS**	Same as Track B, but specific habitat impacts or intended use for mitigation may require: 1) Track B data collection over a wider area 2) GPS/professional survey of habitat elements delineated in Track B, or 3) detailed quantitative analysis of habitat elements (e.g., bulk substrate analysis, micro-channel morphology) **ALSO SEE TABLE 4 FOR MORE DETAILS**
Biological Connectivity	1) Review existing literature on existing fish passage conditions/barriers and check the WDFW Fish Passage Barrier Map 2) If no barriers are recorded online, Track B/C methods may be required regardless of impact level 3) Review aerial photographs to identify potential barriers at site, upstream, or downstream 4) Review topographic maps and watershed analyses	1) Site visit to qualitatively assess the following information on man-made fish passage structures: • type/material of structure • approximate size/configuration of structure • condition of structure (i.e. wear, damage, etc.)	1) Site visit to quantitatively assess man-made structures: • relative inlet and outlet elevations • stream channel bankfull width 2) If necessary, conduct WDFW Level A Culvert analysis per WDFW (2009) to assess status as fish passage barrier. Check with WDFW prior to conducting the analysis; they may already have that information, particularly if the culvert is on WSDOT right-of-way	Same as Track B, but in some cases coordination with design team on conducting a WDFW Level B culvert analysis per WDFW (2009) may be necessary to accurately assess barrier status
Water Quality and Quantity	1) Review existing literature/databases for information on: • water quality/contaminants, • stream temperatures, • flow data • water quality/quantity limiting factors	1) Site visit with qualitative description of: • type/material of outfall/drainage structure • approximate size/configuration/condition of outfall/drainage structure • visual estimate of streamflow and stream velocity • stream temperature • presence of septic systems within the project area • Water source (stormwater, other?)	No additional effort	No additional effort
Fish Presence, Fish Habitat Use, and Stream Typing	1) Review existing literature/databases for information on: • fish presence and fish habitat use • stream typing • contributing basin area • natural/manmade barriers downstream	If result of background information does not provide complete or definitive results, conduct site visit and make preliminary determination based on WAC 222-16-031. Qualitatively assess the following: • stream width/OHWM, • flow conditions, • fish observations	If result of background information does not provide complete or definitive results proceed with one or more of the following options, as appropriate: 1) Request government/Tribal fish use/stream typing assistance 2) Utilize a qualified biologist to estimate fish presence/absence based on habitat conditions within, upstream, and downstream of site Conduct reconnaissance site visit to identify natural downstream barriers	Same as Track B, but in extraordinary circumstances, fish sampling by a qualified biologist may be appropriate[6]. Sampling techniques could potentially include: • snorkel surveys • minnow traps • electrofishing

[1] See text in Section 3 – Data Collection for Key Aquatic Habitat Elements for more specific information on each habitat element
[2] Background information should be compiled regardless of access situation or level of impacts
[3] If lack of access, the information for Track A should be collected in the field from adjacent publicly accessible properties or right of way to the extent possible/practical
[4] LWD – large woody debris
[5] OHWM – ordinary high water mark
[6] If information collected as part of Track A or Track B does not provide the required level of certainty on fish presence and stream typing, and no natural barrier exists downstream, generally assume fish presence and consult with ST environmental staff. These activities will require a Scientific Collection Permit from WDFW, and in accordance with WAC 220-20-045. Electrofishing, per requirements in WAC 220-20-045, should only be used to assess fish presence under extraordinary circumstances where such actions are pre-approved by ST (e.g., this information is tied to a permit condition or the information is crucial for design of a substantial design element such as road or culvert)

3.1.2 Track A Information

After collecting and synthesizing relevant background information on riparian vegetation conditions within the project area, conduct a reconnaissance-level site visit within existing Sound Transit or public right-of-way/easement areas. Provide qualitative description of riparian conditions including the following:

- Note buffer vegetation type – e.g., forested, shrub, herbaceous, none (bare earth/built). Identify shrub and/or tree species if possible, including any observed invasive species.
- Note relative buffer vegetation density (e.g., sparse, moderately dense, dense) and approximate height of each vegetation layer, particularly the tree layer
- Note observable width/length of riparian zone
- Note extent and type of overhanging vegetation and any observed any observed LWD originating in riparian zone. Estimate percent overhead cover in stream thalweg.
- Note and describe extent of vegetation overhanging stream channel, fallen vegetation
- Qualitative evaluation of potential limiting riparian factors such (LWD or shade limitations)

3.1.3 Track B Information

Collect similar information as listed in Track A; however site access will allow for on-site evaluation of the riparian condition based on qualitative and quantitative field data gathered from within the riparian zone.

- Identify shrub or tree species within the riparian zone, including any observed invasive species.
- Estimate or measure canopy cover and ground cover within the riparian zone (Daubenmire, 1959) for dominant species. If measuring, use plots or intercept along a measuring tape.
- Approximate average diameter (diameter breast height – DBH) of trees within riparian zone using representative measurements
- Width and length of functioning riparian zone and
- Riparian interaction with stream banks (e.g., overhanging vegetation, bank stabilization by roots),
- Measure average in-stream riparian cover in the stream thalweg using a densitometer (average riparian cover measured facing upstream, downstream, left bank, and right bank).
- Observations or qualitative evaluation of reach or basin scale limiting riparian factors (such as large-scale LWD or shade limitations).

3.1.4 Track C Information

If the project involves substantial impacts to the riparian corridor, particularly forested riparian areas, it may be necessary to supplement the data collection efforts from above with a more accurate tree survey conducted with GPS survey or professional land survey. Within forested buffer impact areas, detailed survey of the following parameters may be appropriate:

- Tree locations
- Tree species
- Tree diameters
- Estimated tree heights
- Locations of snags and dead/ down woody debris

3.2 Physical In-Stream Habitat

There are literally hundreds of formal assessment protocols prepared for the evaluation of stream environments and habitats. Assessment methods to assess physical in-stream habitat for Pacific Northwest streams are also numerous (e.g. Overton et al. 1997, Pleus and Schuett-Hames 1998, Barbour et al. 1999). In addition, several agencies in the region have developed their own protocols that use unique suites of channel features and channel feature definitions. These protocols generally address measurement of the same in-stream habitat parameters (e.g., woody debris, channel morphology, streambank condition) with varying levels of detail. In order to cover the range of data requirements for both Phase 1 and Phase 2 Sound Transit projects, the discussion of field methods (Tracks A, B and C) for an assessment of this Key Aquatic Habitat Element is focused on these in-stream habitat parameters. Table 4 on page 13 details the specific metrics/measurements that may be applicable for each parameter under Tracks A, B, and C, with recommendations for specific methods or protocols, where appropriate. Table 5 summarizes the methodological references noted in Table 4 for various in-stream habitat parameters.

In addition, other authors have compared and contrasted various protocols and assessments from a nation-wide perspective (Somerville, 2010), with a focus on those assessments prepared for application in the Pacific Northwest region (Johnson et al., 2001; Stolnack et al. 2005). These review documents are excellent sources to consult prior to undertaking a detailed physical habitat assessment, especially in cases where the assessment is focused on specific in-stream habitat parameters.

3.2.1 Background Information

1) Review existing literature on physical in-stream habitat conditions, including stream size (width), presence of LWD and complex habitat features, approximate stream gradient/channel morphology, stream substrate and sediment condition, and bank condition. Reports that may contain information reach or sub-basin scale physical conditions include:
   - The Washington State Conservation Commission Limiting Factors Analysis, organized by Water Resource Inventory area (http://scc.wa.gov/directory/ or http://www.eopugetsound.org/articles/water-resource-inventory-areas-puget-sound)
   - Salmon recovery plans – Puget Sound: http://www.psp.wa.gov/SR_map.php King County: http://www.kingcounty.gov/environment/animalsAndPlants/salmon-and-trout.aspx
   - Shoreline Master Program Inventory reports for local jurisdictions http://www.ecy.wa.gov/programs/sea/shorelines/smp/citizen.html
   - Williams et al. (1975)
   - Local watershed analysis or stream assessment reports

2) Review aerial photographs, topographic maps, and any available site photos.
   - Google Earth – also view past stream habitat conditions using historic photos on site
   - Bing Maps – Birds Eye View feature is useful for assessing some in-stream conditions
   - Digital or hardcopy orthophotos
   - Topographic maps (LIDAR data if available) to determine stream gradients. LIDAR data can be obtained from the Puget Sound LIDAR Consortium at http://pugetsoundlidar.ess.washington.edu/

3) Use the results of 1) and 2) above to describe the following in-stream habitat conditions at the site/stream reach to the extent feasible:
    - general horizontal and vertical channel form (stream gradient and channel morphology) including the presence and quality of pools and riffles and channel confinement/entrenchment
    - dominant in-stream substrates (cobble, gravel, fines, etc.) and general sediment transport dynamics (source, transport, or response reach),
    - presence/absence of LWD, or frequency of LWD (if available),
    - streambanks condition, including bank stability and presence of bank hardening/revetments

3.2.2 Track A Information

After collecting and synthesizing relevant background information on in-stream physical habitat conditions within the project area, conduct a site visit within existing Sound Transit or public right-of-way/easement areas. Provide qualitative descriptions, based on visual observations, of on-site in-stream habitat conditions as detailed in Table 4 on the following page. The primary Channel Geomorphological Units (CGU) used for the assessment will likely be limited to fast/slow habitat types, as the evaluation will be based on visual observations only.

3.2.3 Track B Information

Collect similar information as listed in Track A; however site access will allow for better evaluation of in-stream physical habitat conditions, based on qualitative and quantitative field data gathered from within the stream. Information on specific recommended measurements, including appropriate references, is presented in Table 4. The primary Channel Geomorphological Units (CGU) used for the assessment will likely include a moderate detail (pools, riffles, and runs/glides at a minimum). Pools may be further classified into the type of pool (e.g., lateral scour, medial scour, boulder-formed pocket pool).

3.2.4 Track C Information

If the project involves substantial impacts to in-stream habitat, particularly impacts to the stream bed, stream banks, or local hydraulics, or if the site is to be used for compensatory mitigation, it may be necessary to supplement the data collection efforts from above with more detailed measurements as listed in Table 4.

Table 4. Specific Metrics for Assessment of Physical In-Stream Habitat Parameters

Parameter	Metric/Measurement	Track A – Limited Site Access and Low Impact	Track B – Site Access and Moderate Impacts	Track C– Site Access and Substantial Impacts OR Site to be Used as Compensatory Mitigation
Channel Form and Profile	Macrohabitat - habitat type	Visual characterization of Channel Geomorphological Units (CGUs) into slow/fast water habitats.	Classify and measure macrohabitat unit length using classification including pools, riffles, runs, and/or glides. Depending on specific impacts, additional detail may be appropriate (Arend 1999).	Same as Track B. If substantial alteration of stream hydraulics, may be useful to classify and measure CGUs using detailed classification system (Arend 1999).
	Macrohabitat - pool characteristics	Visual observation of water depths of slow/fast water habitat approximate depth.	Measure maximum pool depths and residual pool depths. Classifying pools based on minimum functional pool width/depth (Pleus et al., 1999).	Same as Track B
	Stream Reach Classification	N/A	N/A	If substantial alteration of stream hydraulics, may be useful to use existing geomorphic classification system to classify project reach - Montgomery and Buffington (1998).
	Stream Slope	Estimate stream slope using topographic maps or LIDAR data if available.	Measure using clinometer or auto-level.	Same as Track B. If substantial alteration of stream hydraulics, may be useful to conduct longitudinal profile study.
	Stream Patterns	Visual observation of channel patterns (e.g., sinuous versus straight channel).	Visual observation of channel patterns (e.g., sinuous versus straight channel).	Same as Track B. If substantial alteration of stream hydraulics, may be useful to measure meander length, radius of curvature, sinuosity, and meander belt width.
	Confinement	Visual assessment of channel confinement and entrenchment.	Measure channel confinement/entrenchment. The entrenchment ratio is the ratio of the width of the flood-prone area to the surface width of the bankfull channel. The flood-prone area width is measured at the elevation that corresponds to twice the maximum depth of the bankfull channel.	Same as Track B. If substantial alteration of stream hydraulics, may be useful to survey complete stream cross-section.
	Channel Dimension/Shape	Visual estimation of bankfull width.	Measure average bankfull width and depth in project area.	Same as Track B. If substantial alteration of stream hydraulics, may be useful to survey complete stream cross-section.
Streambank Condition	Stability	Visual observation of nature and extent of unstable banks.	Measure extent of and location of unstable banks with type of instability (slide, slump, slough, etc.).	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
	Bank Hardening/Revetments	Visual observation of nature and extent of bank hardening/revetments.	Measure extent and location of bank hardening/revetments with type of hardening (riprap, earthen, structural, etc.).	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
Substrate/Sediment	Particle Frequency	Visual estimate of dominant and subdominant substrate over project area.	Visually estimate dominant and subdominant substrate within each CGU. Supplement data with pebble counts at representative pool tail outs (Bunte and Abt 2001).	Same as Track B. If substantial alteration of stream hydraulics, may be useful to use grid surface sampling or sub-surface volumetric sampling (Bunte and Abt 2001).
	Percentage of Fine Sediments/Embeddedness	Visual estimate of amount of surface fines in pools.	Visually estimate percentage of surface fines in each pool CGU. Estimate substrate embeddedness in riffles and pools.	Same as Track B. If substantial alteration of stream hydraulics, may be useful to use grid surface sampling or sub-surface volumetric sampling (Bunte and Abt 2001).
Large Woody Debris	LWD Presence, Frequency, and Location	Visual count of observed pieces of woody debris (>6 feet in length and 0.5 feet in diameter).	Measure location and presence of each piece of LWD (>6 feet in length and 0.5 feet in diameter) and debris jams. Relative position of LWD (thalweg center, thalweg edge, bankfull, bankfull edge).	Same as Track B. If substantial alteration of stream hydraulics or LWD composition, may be useful to measure additional parameters, including mapping/GPS of LWD orientation.
	Debris Jams	Visual observations of presence/absence of LWD jams, including approximate location and size of jam.	Measure location and orientation of each LWD jam, including number of pieces of debris in jam.	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
	LWD Size	Visual estimate of LWD size (length and width).	Measure LWD size (length and width) for each piece of LWD.	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
	Age and Type	Visual estimate of LWD age and composition (deciduous or coniferous).	Measure LWD species (coniferous, deciduous, or unknown) and LWD age class (Shuett-Hames et.al., 1999a).	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
Cover and Refuge	Pool quality	Visual observation of relative pool size, location, depth, and cover.	Assess pool quality using a Pool Quality Index (Platts et al. 1983).	Same as Track B
	Undercut banks	Visual observations of presence/absence of undercut banks.	Measure location and presence of undercut banks.	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
	Off-channel/side-channel habitat	Visual observations of presence/absence of off-channel/side-channel habitat, including associated wetlands. Indicate presence of beaver dams or beaver activity within project area.	Include side-channel habitat in channel form and profile, LWD, streambank condition, and sediment measurements. Measure location, area, and water depth of off-channel areas. Record features of beaver dams and associated habitat.	Same as Track B. If substantial specific impact to this habitat element or the element is crucial to a key design feature, may be useful to use GPS or PLS to survey location of features.
	In-stream cover/protection	Visual observation of aquatic macrophytes, habitat boulders, and other in-stream structures providing cover.	Measure location and presence of aquatic macrophytes, habitat boulders, and other in-stream structures providing cover.	Same as Track B

Table 5 below summarizes the methodologies Sound Transit recommends for assessing in-stream habitat parameters.

Table 5. Methodological References for Physical In-Stream Habitat Parameters

Metric/Measurement	Methodology Reference
Habitat Unit Classification and Measurement	Arend, K.K. 1999. Macrohabitat Identification. Pages 75-93 *in* M.B. Bain and N.J. Stevenson, editors. Aquatic habitat assessment; common methods. American Fisheries Society. Bethesda, Maryland.
Pool Characteristics • measurement of maximum pool depths and residual pool depths • classification of pools based on minimum functional pool width/depth	Pleus, A. E., D. Shuett-Hames, and L. Bullchild. 1999. TFW Monitoring Program method manual for the habitat unit survey. Prepared for the WA State Dept. of Natural Resources under the Timber, Fish, and Wildlife Agreement. TFW-AM9-99-003. DNR #105. June. 31 pp.
Stream Reach Classification	Montgomery DR, Buffington JM. 1998. Channel Processes, Classification and Response. *In* Naiman, R. and Bilby, R. (Eds) River Ecology and Management: Lessons from the Pacific Coastal Ecoregion, New York, NY: Springer-Verlag.
Sediment Characteristics • Particle Frequency • Percentage of Fine Sediments/Embeddedness	Bunte, K. and Abt. S.R. 2001. Sampling surface and subsurface particle size distributions in wadeable gravel and cobble bed streams for analyses in sediment transport, hydraulics and streambed monitoring. General Technical Report RMRS-GRT-74. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 428 pp.
Large Woody Debris • LWD Presence, Frequency, and Location • Location, orientation, and number of pieces in each LWD jam • LWD size (length and diameter) • LWD species and age class	Shuett-Hames, D., A. E. Pleus, J. Ward, M. Fox, and J. Light. 1999a. TFW Monitoring Program method manual for the large woody debris survey. Prepared for the Washington State Dept. of Natural Resources under the Timber, Fish, and Wildlife Agreement. TFW-AM9-99-004. DNR #106. March. 33 pp.
Pool Quality Index	Platts, W. S., W. F. Megahan, and G. W Minshall. 1983. Methods for evaluating stream, riparian, and biotic conditions. Gen. Tech. Rep. INT-138. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 70 p. http://www.fs.fed.us/rm/pubs_int/int_gtr138.pdf

3.3 Biological Connectivity

An analysis of biological connectivity and associated fish passage conditions may be a key element of Sound Transit projects, particularly for the creation, reconstruction, or removal of stream crossings (roads or bridges). Fish passage structures are regulated under the Washington State Hydraulic Code (WAC 220-110-170). Therefore, where such actions may occur, it is important to have early coordination with the project design team to determine and coordinate on overall project design and permitting needs.

Any definitive evaluation of fish passage conditions should be conducted using the *Fish Passage Barrier and Surface Water Diversion Screening Assessment and Prioritization Manual* (WDFW, 2009). Likewise, design of stream crossings should utilize the standards and procedures in the WDFW *Water Crossing Design Guidelines* document (Barnard, et al. 2013).

3.3.1 Background Information

Review existing literature on biological connectivity and fish passage conditions, including the presence of any known or potential man-made or natural barriers to fish passage, including type, size, and location of such features. Data sources that may contain information reach or sub-basin scale biological connectivity and fish passage conditions include:

- WDFW Fish Passage Program: Data and Maps http://wdfw.wa.gov/conservation/habitat/fish_passage/data_maps.html
- WSDOT Fish Passage Reports http://www.wsdot.wa.gov/environment/biology/fp/fishpassage.htm#reports
- Topographic maps of stream for assessment of steep downstream reach gradients /natural barriers
- Local watershed analysis or stream assessment reports

3.3.2 Track A Information

After collecting and synthesizing relevant background information on biological connectivity habitat conditions within the project area, conduct a site visit within existing Sound Transit or public right-of-way/easement areas. Provide qualitative descriptions, based on visual observations, of biological connectivity habitat and fish passage conditions, including the following:

- Location and approximate dimensions of structures including length, width, and height
- Type of structures – Culvert, bridge, fishway, weir structure, etc.
- Material of structures - Concrete, stone/rip-rap, aluminum, PVC, etc. Note presence of culvert corrugation and liners
- Approximate size/configuration of structures – For culverts note type of structure (round, box, bottomless box, squash, arch, elliptical, etc.) and whether structure is countersunk
- Approximate condition of structure – Note any deterioration or damage to structure
- Presence of natural streambed material within culvert and estimate of percent of culvert opening affected by sedimentation
- Presence and relative extent of any backwater at culvert inlet
- Presence and height of any perch at culvert outlet
- Presence of any plunge pool at culvert outlet and estimated depth of pool

3.3.3 Track B Information

Collect similar information as listed in Track A, however site access will allow for better evaluation of connectivity and fish passage condition based on qualitative and quantitative field data gathered from within the stream. The use of the Level A Methodology and Field Form from WDFW (2009) is highly recommended for assessment purposes as it will ensure all essential information is captured. In addition to information collected in the Track A analysis on culvert shape, the following data should be recorded per WDFW (2009):

- Measure relative inlet and outlet elevations (preferable) or measured slope of culvert
- Measure culvert dimensions
- Measure stream channel width (bankfull width)
- Measure water surface drop at outfall
- Measure maximum plunge pool depth

3.3.4 Track C Information

If the project involves substantial impacts fish passage structures, particularly the alteration of an existing potential barrier and the Level A Analysis (WDFW, 2009) is not conclusive on barrier status (Level A does not provide conclusive barrier status in all cases), it may be necessary to coordinate with the design team to determine if a Level B analysis is required. This analysis is usually completed by a hydrologist, geomorphologist, or engineer and requires measurement of additional upstream and downstream parameters including channel width, depth, slope, and characterization of bed material. For specific methods, data requirements, and analysis tools, see WDFW (2009).

3.4 Water Quality and Quantity

3.4.1 Background Information

Review existing literature on water quality and flow conditions, including known impairments of water quality and temperature, and stream flow characteristics. Include any information on impairments or limiting factors from the literature or databases. Data sources that may contain information reach or sub-basin scale water quality and flow conditions include:

- Washington Streamflow Data - USGS
  Historic data = http://wa.water.usgs.gov/data/realtime/adr/interactive/
  Realtime data= http://waterdata.usgs.gov/wa/nwis/current?type=flow
- 303(d) list - Washington State Department of Ecology http://www.ecy.wa.gov/programs/wq/303d/
- King County Hydrologic Information Center
  http://green.kingcounty.gov/WLR/Waterres/hydrology/default.aspx
- Streams Water Quality Monitoring Data
  http://green.kingcounty.gov/WLR/Waterres/StreamsData/StreamList.aspx
- Local watershed analysis or stream assessment reports

3.4.2 Track A Information

After collecting and synthesizing relevant background information on water quality and quantity conditions within the project area, conduct a site visit within existing Sound Transit or public right-of-way/easement areas. Provide qualitative description of water quality and flow conditions including the following:

- Note any drainage outfalls, including type/size/location of structure, possible source and volume of outflow during time of site visit.
- Visually estimate streamflow (in cubic feet per second) and stream velocity (feet/second).

3.4.3 Track B and C Information

In almost all cases, the information gathered during the Background Information and Track A investigations will be sufficient to effectively characterize water quality and flow. However, in certain rare circumstances, additional site-specific water quality and flow measurements may be appropriate. As these circumstances are rare, and any such measurements should be tailored to specific project requirements (e.g., permit conditions), such additional measurements are not discussed in this document.

3.5 Fish Presence, Fish Habitat Use, and Stream Typing

There is a difference between fish presence and fish habitat use, and just because fish may not be present at a given time of the year does not mean that a particular stream or stream habitat is not used by fish. Fish presence may respond to seasonal use of a given stream or habitat type as well as a particular life stage of a given fish species. For these reasons, the general best approach is to assume fish habitat use wherever suitable fish habitat exists, and consult with Sound Transit environmental staff before collecting additional data on fish presence.

The determinations of fish habitat use, and the related element of stream typing, are key in determining the potential severity of project impacts, the width of regulated stream buffers, and the requirements for ensuring fish passage at crossing structures. Although for rivers and larger streams, extensive information exists on fish habitat use and stream type, this information is often times lacking for smaller first and second order tributary streams. The following methods utilize an extensive search of background information coupled with measurements of a stream's physical characteristics to evaluate the potential for fish habitat use based on the presence of suitable fish habitat.

3.5.1 Background Information

Review existing literature on fish habitat use and stream typing conditions, including any documented presence of fish species potentially or known to be present. It should also include documented or potentially present suitable fish habitat within the project area. Include any existing stream typing information from the literature or databases. Data sources that may contain information reach or sub-basin scale biological connectivity and fish passage conditions include:

- WDFW Priority Habitats and Species Online Mapper http://apps2.dfw.wa.gov/prodphsontheweb/viewer.aspx?auth=dchBC3QPoGho84hRndFNAyiX2awipVxGmK5mj/T0HbP429kXX73bzQ==
- WDFW SalmonScape Database http://apps.wdfw.wa.gov/salmonscape/
- DNR Water Typing Online Mapper http://www.dnr.wa.gov/businesspermits/topics/forestpracticesapplications/pages/fp_watertyping.aspx
- The Washington State Conservation Commission Limiting Factors Analysis, organized by Water Resource Inventory area (http://scc.wa.gov/directory/ or http://www.eopugetsound.org/articles/water-resource-inventory-areas-puget-sound)
- Wild Fish Conservancy Water Type Assessments and Interactive Maps http://wildfishconservancy.org/resources/maps
- Fish distribution in WRIA 8: http://www.govlink.org/watersheds/8/reports/fish-maps/default.aspx
- A Catalog of Washington Streams and Salmon Utilization (Williams et al., 1975)
- Local jurisdiction Critical/Sensitive Area maps
- Local watershed analysis or stream assessment reports

3.5.2 Track A Information

After collecting and synthesizing relevant background information on fish habitat use and stream typing within the project area, conduct a site visit within existing Sound Transit or public right-of-way/easement areas. Visually observe for the presence of fish. If the background information or visual observation does not clearly indicate fish use status of a particular stream, it may be difficult to determine fish use and therefore stream typing)

at a site based upon the direct observation of salmonids. Due to poor visibility, low escapement levels, the existence of human-made barriers, or other factors, fish may not be observed during the field visit.

The Forest Practices Rule (WAC 222-16-031) is used to define water types. Based on the WAC, there are a number of methods to determine if a site has the potential to provide fish habitat. Satisfaction of one or more of the following criteria qualifies a water body as fish bearing or potential fish habitat:

- Watercourses shown by DNR as containing fish on DNR stream typing maps, the WDFW Priority Habitats and Species database, or the WDFW SalmonScape database.
- Watercourses with documented salmonid use determined by visual observation, electrofishing, or verification by local biologists.
- Estimate scour line width. Watercourses having average scour line widths (bankfull widths) in excess of 0.6 meters (2 feet) in Western Washington, provided the stream gradient is less than 20 percent.

Note that seasonally dry streams (ephemeral or intermittent) can provide fish habitat during periods of flow. When evaluating dry stream channels, consider the physical characteristics of the channel and proximity to known fish-bearing water. Also, consider the timing of fish presence for species in the area that may enter the habitat when flow is present. For example, chum salmon often use streams that may only flow for a few months out of the year; they will spawn in the channel during the fall when flow is present and fry will out-migrate in the spring immediately after emergence. In another example, off-channel rearing habitat and floodplain habitat may be used by juvenile salmonids during winter months, even though the channel is dry during the summer.

3.5.3 Track B Information

Better site access will allow for a more comprehensive analysis of evaluation of bankfull width, and greater opportunity to visually observe for fish presence. However, increased site access will not necessarily provide definitive results. If the result of background information and Track A does not provide complete or definitive results, the following options may be considered, as appropriate:

- Request fish use/stream typing assistance from WDFW, Tribal entities, or local government agencies. Assistance may consist of local knowledge of fish distribution or technical assistance with fish presence studies.

- Utilize a qualified fisheries biologist to estimate fish habitat use based on habitat conditions, within, upstream, and downstream of site, noting that absence of fish during a site investigation does not by itself confirm perennial absence.

- If background information indicates a potentially natural downstream fish barrier, conduct downstream reconnaissance to locate and assess natural barrier. Note that lack of fish access for anadromous species does not indicate absence of resident fish species (e.g., resident cutthroat trout or sculpin).

- Watercourses with documented salmonid use determined by visual observation, electrofishing, or verification by local biologists.

3.5.4 Track C Information

In extraordinary circumstances (e.g., this information is tied to a permit condition or the information is crucial for design of a substantial design element such as road or culvert), electrofishing, per the requirements in WAC 220-20-045 can be used to establish fish presence and stream typing. This pathway should only be used under careful consideration and in consultation with WDFW. Electrofishing, or other fish sampling methods, should be pre-approved by Sound Transit environmental staff and conducted by experienced fisheries biologists.

4. Considerations and Limitations

The purpose of this report, including associated flowcharts and tables, is to serve as a guide for assessing streams that are potentially affected by Sound Transit projects. Due to variation in the specific type and severity of project impacts, coupled with property access issues and the unique requirements of multiple regulatory agencies that are commonly involved, it is difficult to craft a "one size fits all" survey protocol. This difficulty is illustrated by an analysis of the stream assessment methods used by two large governmental agencies involved in transportation projects: the Washington State Department of Transportation and the King County Road Services Division. Neither of these agencies has specific stream assessment protocols for determining project impacts. This is also common for most local governments, as a sufficiently broad, detailed, and inclusive stream assessment survey protocol to cover all available project permitting and design needs would be inherently detailed. This in turn can lead to the potential collection of a substantial amount of information, extraneous to the needs of the project, resulting in an increase in project effort and expense.

Therefore, one should consider some project-specific elements prior to assessing streams. This will allow the user to specifically tailor the stream assessment methods in order to both "right size" the analysis methods and to ensure that information is collected in an efficient way that anticipates current and future information needs. These elements can be assessed by asking and answering the following project-specific questions:

- **Which specific habitat elements and sub-elements will be affected (e.g., in-stream substrate, stream banks, riparian zone width, etc.)?** Think carefully about the specific project impacts or mitigation needs and the information that should be collected to compare or assess these impacts or evaluate appropriate mitigation.

- **What project stage or stages is data from the stream assessment to be used -- programmatic planning, alternative comparison, initial permitting, project design, or mitigation design?** The stream assessment should be tailored to a level of detail that addressed the current project planning, design, or permitting phase and that will support the related documents and plans.

- **If the general purpose of the stream assessment is to help compare project options, is this comparison for programmatic options, many specific design alternatives, a small number of design alternatives, or is the purpose to compare a single alternative with a no-build option?** Based on the specific answer, the stream assessment should be tailored to allow for adequate analysis of impacts, without collecting extraneous information. Conversely, if only one site/alignment is being evaluated and access is not limited, collecting more detailed information early on may be beneficial in the long-term, especially if mitigation is necessary.

- **If the purpose of the stream assessment is to compare among a limited number of specific design options, do the alternatives impact stream habitats in similar manners and locations?** If impacts to streams from most or all of the alternatives will occur in the same geographic area(s), more robust initial stream assessment methods may be appropriate in order to minimize multiple assessments during the project lifecycle, thereby maximizing efficiency and limiting costs.

- **What is the project timeframe for alternative comparison, design, and permitting**? Expedited time-frames may require a more robust initial stream assessment method, in order to quickly advance design and permitting, or to avoid the risk of unexpected delay at a late stage of the project.

- **Are other project staff collecting similar or ancillary field data on stream conditions**? It is important to coordinate with other project staff on their data acquisition needs prior to selecting final assessment methods. For example, structural or civil engineers may be performing detailed hydraulic or hydrological analyses within the same stream reaches, and potentially eliminating the need for some channel morphology or sediment data collection during the stream assessment.

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ATTACHMENT C

Wetland and Stream Background Research Information

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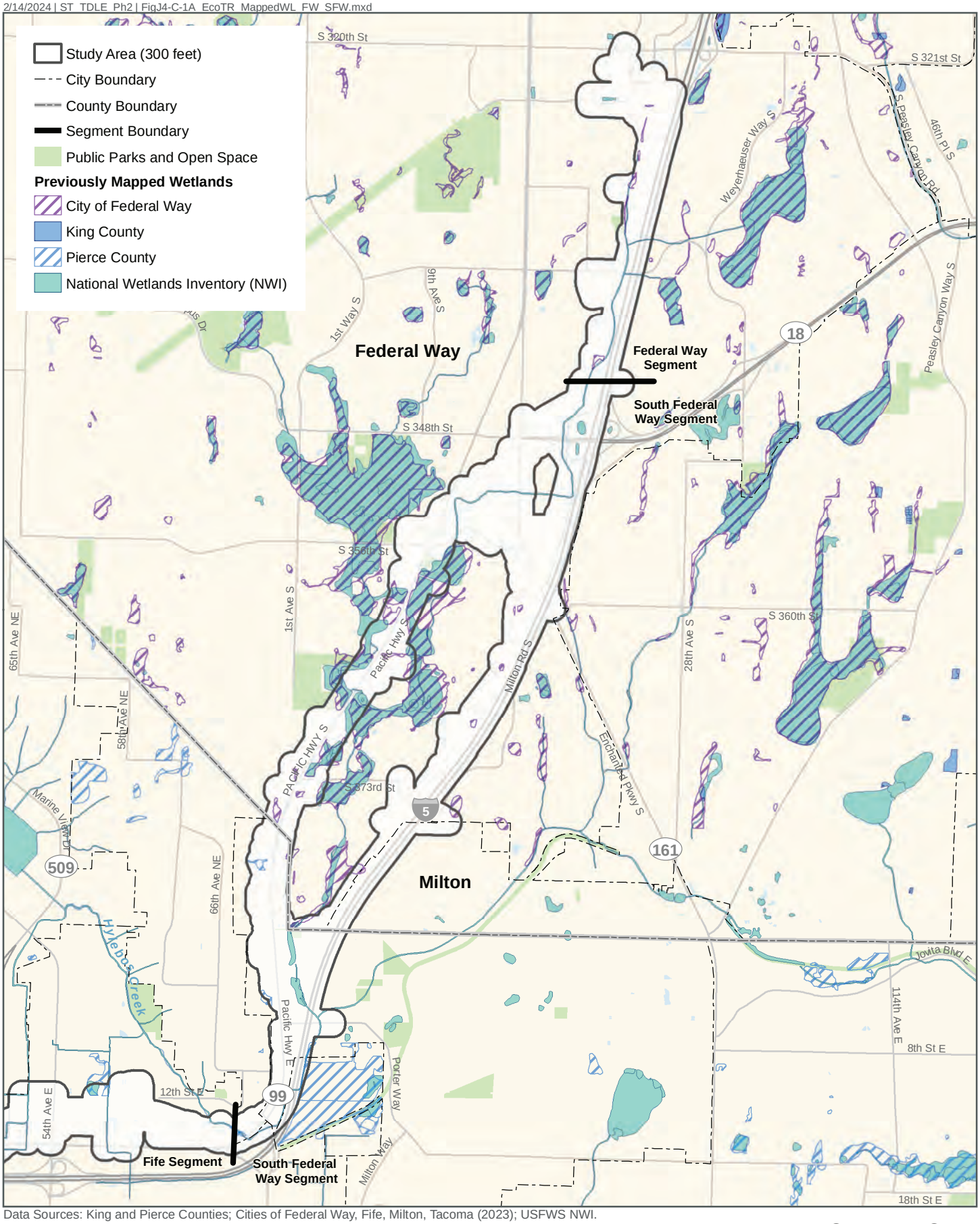

Data Sources: King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023); USFWS NWI.

N

0 0.5 1 Mile

FIGURE J4.C-1A

Previously Mapped Wetlands

Federal Way and South Federal Way Segments

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/14/2024 | ST_TDLE_Ph2 | FigJ4-C-1B_EcoTR_MappedWL_FifeTac.mxd

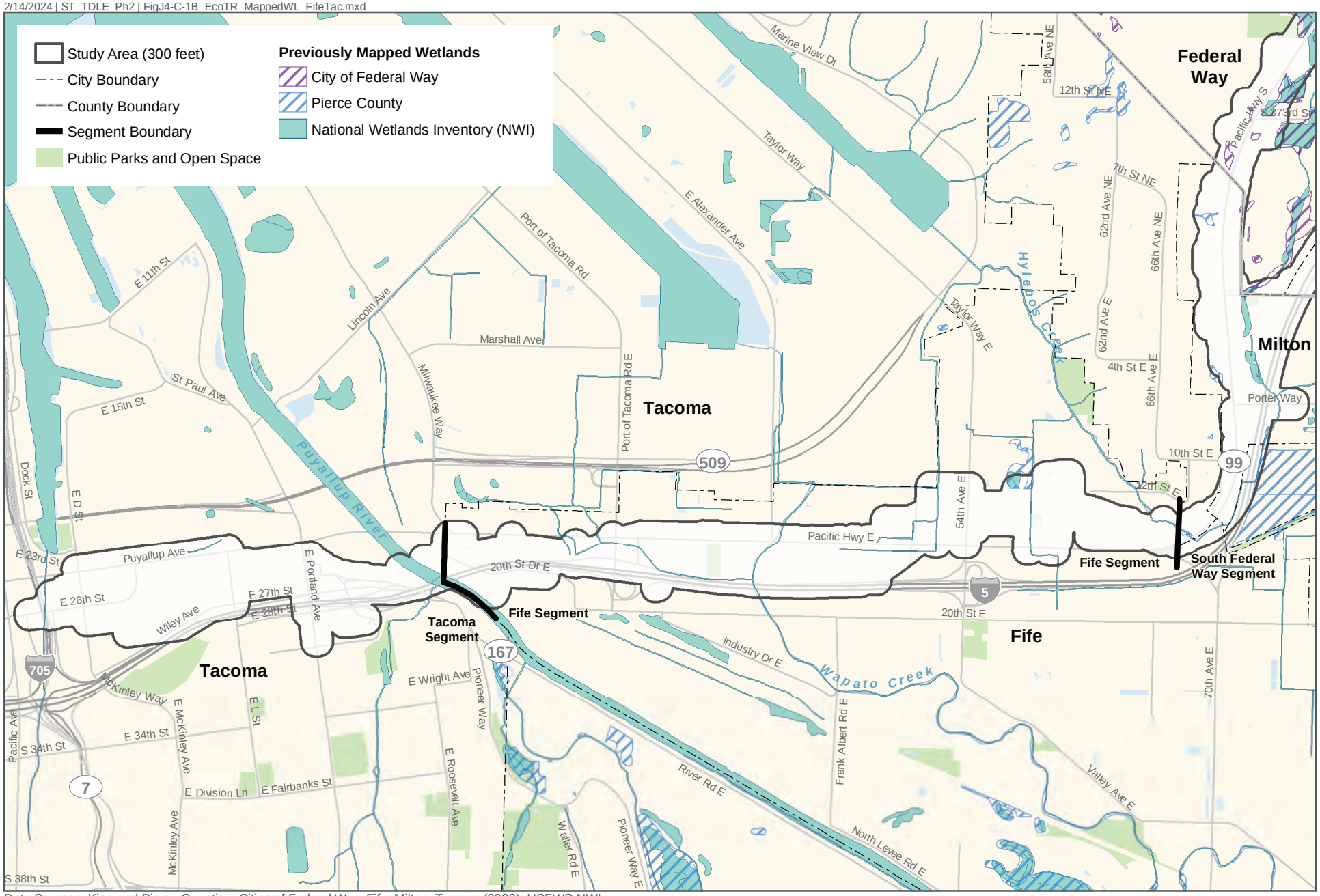

Data Sources: King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023); USFWS NWI.

N

0 0.5 1 Mile

FIGURE J4.C-1B
Previously Mapped Wetlands
Fife and Tacoma Segments
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/14/2024 | ST_TDLE_Ph2 | FigJ4-C-2A_EcoTR_Soils_FW_SFW.mxd

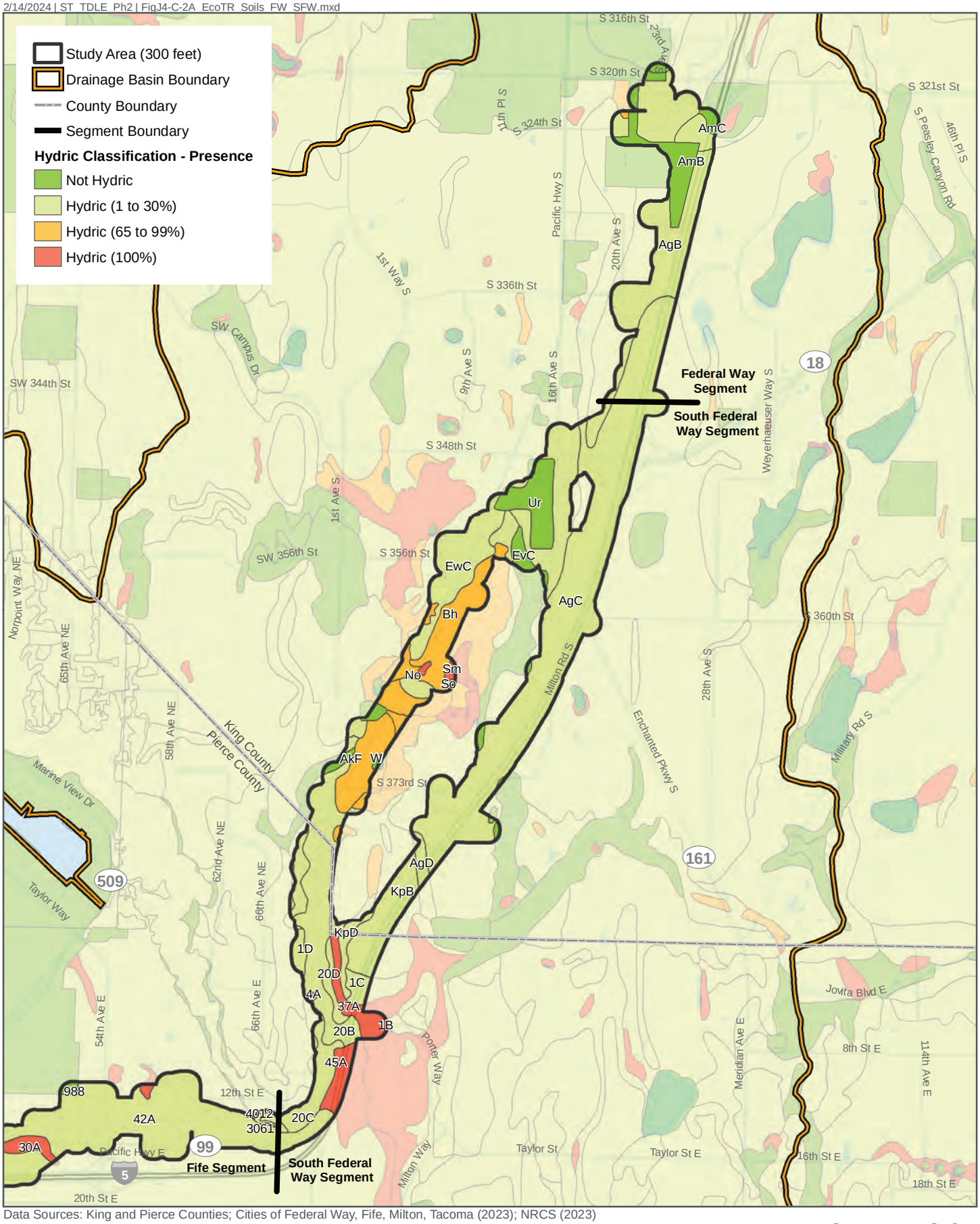

Data Sources: King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023); NRCS (2023)

FIGURE J4.C-2A

Study Area Soils Map

Federal Way and South Federal Way Segment

Tacoma Dome Link Extension

N

0 0.5 1 Mile

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

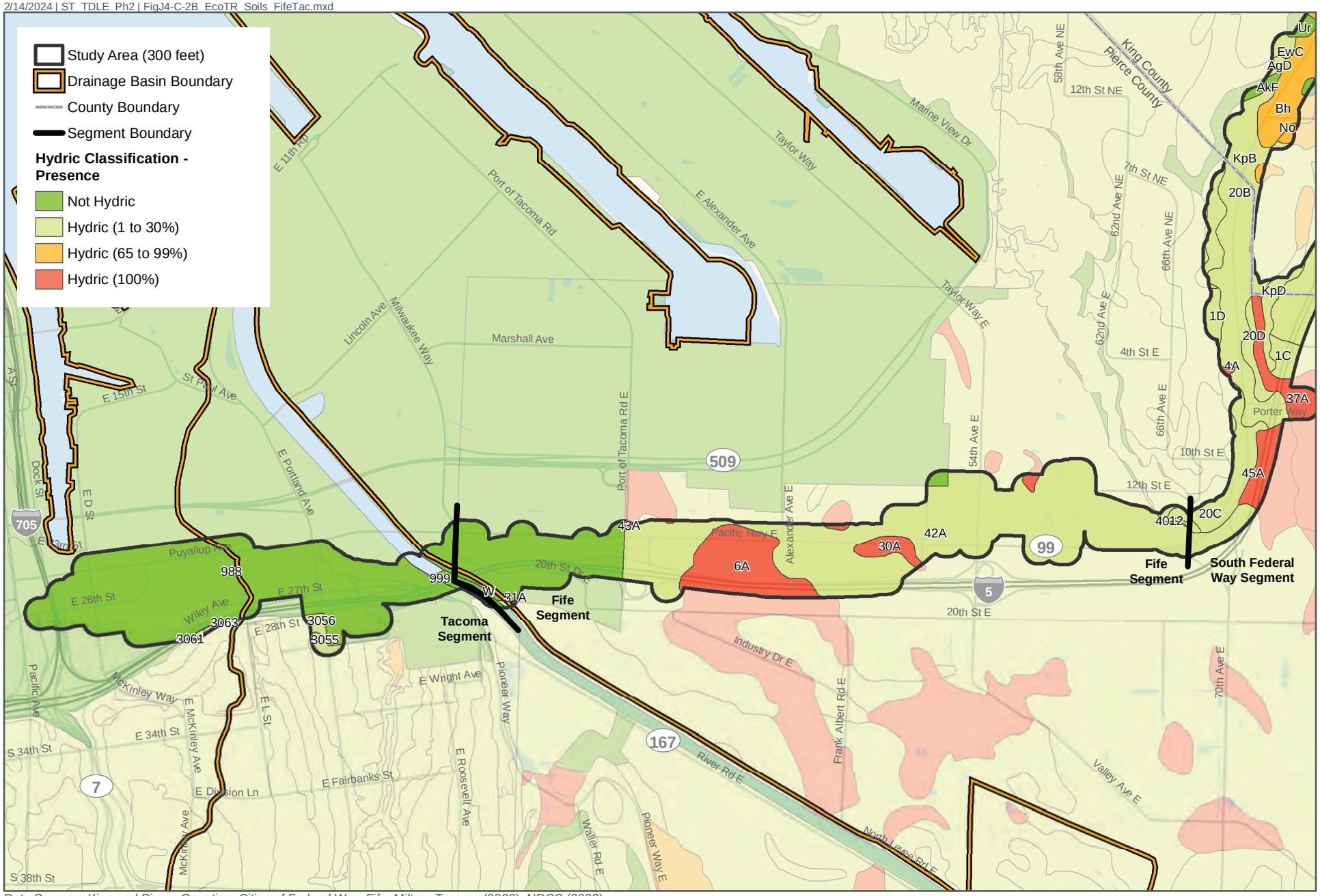

Data Sources: King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023); NRCS (2023).

N

0 0.5 1 Mile

FIGURE J4.C-2B
Study Area Soils Map
Fife and Tacoma Segments
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Table J4.C-1 Study Area Soils (as shown on Figures J4.C-2A and J4.C-2B)

Map Code	Soil Description
988	Urban land, 0 to 5 percent slopes
999	Water, fresh
3055	Urban land-Alderwood complex, 0 to 5 percent slopes
3056	Urban land-Alderwood complex, 5 to 12 percent slopes
3061	Alderwood-Everett complex, 0 to 12 percent slopes
3063	Alderwood-Everett complex, 35 to 60 percent slopes
4012	Alderwood-Kitsap complex, 12 to 60 percent slopes
1B	Alderwood gravelly sandy loam, 0 to 8 percent slopes
1D	Alderwood gravelly sandy loam, 15 to 30 percent slopes
20B	Kitsap silt loam, 2 to 8 percent slopes
20C	Kitsap silt loam, 8 to 15 percent slopes
20D	Kitsap silt loam, 15 to 30 percent slopes
30A	Puget silty clay loam
31A	Puyallup fine sandy loam
37A	Semiahmoo muck
42A	Sultan silt loam
43A	Tacoma silt loam
45A	Tisch silt
4A	Bellingham silty clay loam
6A	Briscot loam
AgB	Alderwood gravelly sandy loam, 0 to 8 percent slopes
AgC	Alderwood gravelly sandy loam, 8 to 15 percent slopes
AgD	Alderwood gravelly sandy loam, 15 to 30 percent slopes
AkF	Alderwood and Kitsap soils, very steep
AmB	Arents, Alderwood material, 0 to 6 percent slopes
AmC	Arents, Alderwood material, 6 to 15 percent slopes
Bh	Bellingham silt loam
EvC	Everett very gravelly sandy loam, 8 to 15 percent slopes
EwC	Everett-Alderwood gravelly sandy loams, 6 to 15 percent slopes
KpB	Kitsap silt loam, 2 to 8 percent slopes
KpD	Kitsap silt loam, 15 to 30 percent slopes
No	Norma sandy loam
Sm	Shalcar muck
So	Snohomish silt loam
Ur	Urban land
W	Water

DRAFT *– For internal discussion only. Not reviewed or approved on behalf of any party.*

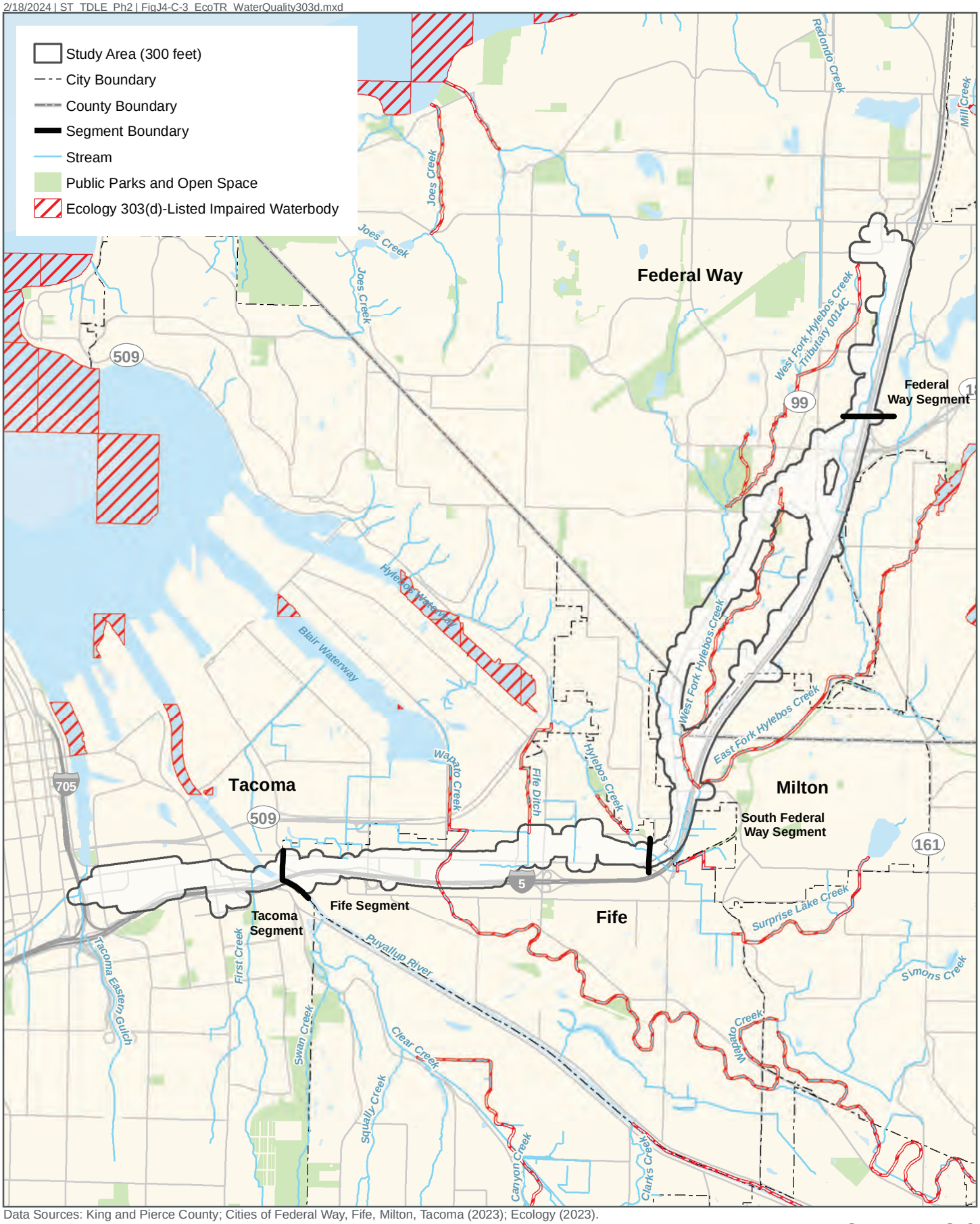

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023); Ecology (2023).

N

0 1 2 Miles

FIGURE J4.C-3
Impaired Water Bodies
Ecology 303(d) Listings
Tacoma Dome Link Extension

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ATTACHMENT D

Wetland Determination Forms

Table D-1 Summary of Wetland Determination Sample Plots

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFI-01-SP1	Wetland	PEM	Dominance Test	Other	Primary: A1, A2, A3 Secondary: D5	Hydric Soils Rationale: Soils consist of recently reworked soils on a roadway construction site. Soils lack indicators, which may reflect altered conditions from site development, and the abundant gravel appears to be fill material. Hydric soils determination is supported by hydrophytic vegetation and strong hydrology indicators.
WFI-01-SP2	Upland	n/a	Dominance Test	none	none	
WFI-02-SP1	Wetland	PEM	Dominance Test	F6	Primary: A2, A3 Secondary: D2	
WFI-02-SP2	Wetland	PEM	Dominance Test	A11, F3, F6	Primary: A2, A3	
WFI-02-SP3	Upland	n/a	Dominance Test	F6	none	
WFI-02-SP4	Wetland	PEM	Dominance Test	F3	Primary: A2, A3 Secondary: D2, D5	
WFI-02-SP5	Upland	n/a	Dominance Test	A11, F3	Secondary: D5	
WFI-03-SP1	Wetland	PSS	Dominance Test	Other	Primary: A1, A2, A3, C4 Secondary: D2	Hydric Soils rationale: Alpha alpha dipyridyl test was positive within the top two layers, confiming presence of iron. Geomorphic position, hydrophytic plants, and strong hydrology support presence of hydric soils.
WFI-03-SP2	Upland	n/a	Dominance Test	none	none	
WFI-03-SP3	Wetland	PSS	Dominance Test	F3	Primary: A2, A3 Secondary: D2, D5	
WFI-03-SP4	Upland	n/a	Dominance Test	none	Secondary: D5	
WFI-03-SP5	Upland	n/a	Dominance Test	none	none	
WFI-03-SP6	Wetland	PEM	Dominance Test	A4, Other	Primary: A2, A3, C1, C4 Secondary: D2	Hydric Soil Rationale: Hydrogen sulfide odor supported by a positive alpha alpha dipyridyl test for presence of reduced iron
WFI-03-SP7	Upland	n/a	Dominance Test	none	Secondary: D5	
WFI-04-SP1	Upland	n/a	none	F6	none	
WFI-04-SP2	Wetland	PSS	Dominance Test	F6	Primary: A2, A3, B1, B2, B3 Secondary: D5	
WFI-05-SP1	Upland	n/a	Dominance Test	none	none	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFI-05-SP2	Wetland	PEM	Dominance Test	Other	Primary: A1, A2, A3, B1 Secondary: D2	Hydric Soil Rationale: Soils are disturbed and recently hydroseeded with erosion potential. Hydric soils were assumed based on hydrology.
WFI-06-SP1	Upland	n/a	Dominance Test	none	none	
WFI-06-SP2	Wetland	PEM	Dominance Test	other	Primary: A1, A2, A3, B1 Secondary: D2	Hydric Soil Rationale: Soils are disturbed and recently hydroseeded with erosion potential. Hydric soils were assumed based on hydrology.
WFI-06-SP3	Wetland	PEM	Dominance Test	A11, F3, F6	Primary: A3	
WFI-06-SP4	Upland	n/a	Dominance Test	none	none	
WFI-06-SP5	Wetland	PEM	Dominance Test	F3, A11	Primary: A2, A3 Secondary: D2, D5	
WFI-06-SP6	Upland	n/a	Dominance Test	none	none	
WFI-07-SP1	Upland	n/a	Dominance Test	none	none	
WFI-07-SP2	Wetland	PEM	Dominance Test	other	Primary: A1, A2, A3, B1 Secondary: D2	Hydric Soil Rationale: Soils are disturbed and recently hydroseeded with erosion potential. Hydric soils were assumed based on hydrology.
WFI-07-SP3	Wetland	PEM	Dominance Test	F6	Primary: A2, A3, C3 Secondary: D2	
WFI-07-SP4	Upland	n/a	Dominance Test	none	none	
WFI-09-SP1	Wetland	PSS	Dominance Test	F6	Primary: B1, B2, B3 Secondary: D2, D5	
WFI-09-SP2	Upland	n/a	Dominance Test	none	none	
WFI-12-SP1	Wetland	PEM	Dominance Test	F3, A11	Other Secondary: D5	Wetland Hydrology Rationale: Wetland hydrology assumed, supported by hydrophytic vegetation and strong hydric soils. Wetlands in the area appear to be tidally influenced. Biologists observed water table fluctuations in real time that corresponded with tidal fluctuations that were crossed checked in tide charts. This was observed within soils pits in wetlands not connected by surface water. We're assuming that this is a result of change in pressure head from tidal influences in the aquifer. Therefore, wetland hydrology is assumed to be present, despite observations of saturation below a 12-inch depth.
WFI-12-SP2	Upland	n/a	Dominance Test	none	none	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFW-01-SP1	Wetland	PFO	Dominance Test	A12	Secondary: D2, D5	
WFW-01-SP2	Wetland	PFO	Dominance Test	A12	Secondary: D2, D5	
WFW-01-SP3	Upland	n/a	none	none	none	
WFW-01-SP4	Wetland	PEM	Dominance Test	other	Secondary: D2, D5	Notes: Overall wetland Cowardin class is PFO; sample point is in a PEM community. Hydric Soils rationale: Sample plot nearly meets indicator for F6, Redox Dark Surface. Dark surface layers may have redox that is difficult to see. Given presence of hydrophytic vegetation and geomorphic position below OHWM of East Fork Hylebos Creek, soil is likely seasonally flooded for 14 or more consecutive days during the growing season, and therefore hydric soils presumed to exist.
WFW-01-SP5	Upland	n/a	none	none	none	
WFW-01-SP6	Wetland	PFO	Dominance Test	F6	Primary: B1 Secondary: B9, D2	
WFW-01-SP7	Upland	n/a	none	none	none	
WFW-01-SP8	Wetland	PFO	Dominance Test	Other	Primary: B1 Secondary: D5	Hydric Soils rationale: Sample plot nearly meets redox dark surface. Given presence of water marks in the area and presence of hydrophytic vegetation, it is assumed that the area is inundated for 14 or more consecutive days during growing season and therefore hyric soil is present.
WFW-03-SP1	Wetland	PFO	Dominance Test	F6	Primary: A2, A3	
WFW-03-SP2	Upland	n/a	Dominance Test	none	none	
WFW-04-SP1	Wetland	PFO	Dominance Test	F6	Primary: A2, A3 Secondary: D5	
WFW-04-SP2	Upland	n/a	Dominance Test	none	none	
WFW-05-SP1	Wetland	PFO	Dominance Test	A12	Primary: A1, A2, A3	
WFW-05-SP2	Upland	n/a	none	none	none	
WFW-06-SP1	Wetland	PSS	Dominance Test	F6	Primary: A1, A2, A3	
WFW-06-SP2	Upland	n/a	none	none	none	
WFW-07-SP1	Wetland	PEM	Dominance Test	Other	Primary: A2, A3 Secondary: D2, D5	Hydric Soil Rationale: Soils appear to be a fluvial entisol with an aquic moisture regime. Hydric soils supported by hydrophytic vegetation and strong hydrology indicators.

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFW-07-SP2	Upland	n/a	Dominance Test	none	none	
WFW-07-SP3	Wetland	PSS	Dominance Test	A11, F3	Primary: A3, B2, B3 Secondary: D2, D5	
WFW-07-SP4	Upland	n/a	none	none	none	
WFW-08-SP1	Wetland	PSS	Dominance Test	Other	Primary: A1, A2, A3, B1 Secondary: D2, D5	Hydric Soil Rationale: Stream has been heavily modified, evidenced by quarry spalls at 4.5 inches below ground surface, and appears to be used as a constructed stormwater facility. Soil appears to be a fluvial entisol with aquic moisture regime. Supported by strong hydrophytic vegetation, geomorphic position on stream bench, significant organics in soils, and strong wetland hydrology indicators
WFW-08-SP2	Upland	n/a	none	none	none	
WFW-08-SP3	Wetland	PEM	Dominance Test	Other	Primary: A2, A3, B1 Secondary: D2, D5	Hydric Soil Rationale: Stream has been heavily modified, evidenced by quarry spalls at 7 inches below ground surface, and appears to be used as a constructed stormwater facility. Soil appears to be a fluvial entisol with aquic moisture regime. Supported by strong hydrophytic vegetation, geomorphic position on stream bench, and strong wetland hydrology indicators.
WFW-09-SP1	Wetland	PSS	Dominance Test	A11 and F3	Primary: A2, A3, C3 Secondary: D2, D5	
WFW-09-SP2	Upland	n/a	Dominance Test	none	Secondary: D5	
WFW-10-SP01	Wetland	PFO	Dominance Test	Other	Primary: A2, A3 Secondary: D2, D5	Hydric Soil Rationale: Soils appear to be a fluvial entisol with an aquic moisture regime. Hydric soils supported by hydrophytic vegetation and strong hydrology indicators.
WFW-10-SP02	Upland	n/a	Dominance Test	none	none	
WFW-10-SP03	Wetland	PFO	Dominance Test	A4, A11	Primary: A2, A3 Secondary: D2	
WFW-10-SP04	Upland	n/a	none	none	none	
WFW-10-SP05	Wetland	PFO	Dominance Test	F6	Primary: A3 Secondary: D2	
WFW-10-SP06	Upland	n/a	Dominance Test	none	none	
WFW-10-SP07	Wetland	PFO	Dominance Test	F6	Primary: A2, A3 Secondary: D5	
WFW-10-SP08	Upland	n/a	Dominance Test	none	Secondary: D5	
WFW-10-SP09	Wetland	PFO	Dominance Test	A11	Primary: A3	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFW-10-SP10	Upland	n/a	None	none	none	
WFW-10-SP11	Upland	n/a	none	none	none	
WFW-10-SP12	Wetland	PFO	Dominance Test	Other	Primary: A2, A3 Secondary: D2, D5	Hydric Soil Rationale: Soils appear to be a fluvial entisol with an aquic moisture regime. Hydric soils supported by strong hydrophytic vegetation and strong hydrology indicators.
WFW-10-SP13	Wetland	PFO	Dominance Test	F6	A2, A3	
WFW-11-SP1	Wetland	PFO	Dominance Test	A11, F3	Primary: A2, A3 Secondary: D2, D5	
WFW-11-SP2	Upland	n/a	none	none	none	
WFW-11-SP3	Wetland	PEM	Dominance Test	F6	Primary: A2, A3 Secondary: D5	
WFW-11-SP4	Upland	n/a	Dominance Test	none	none	
WFW-12-SP1	Wetland	PEM	Dominance Test	other	Primary: A2, A3, B1 Secondary: D2, D5	Hydric Soil Rationale: Sample point is approximately 2m from wetted stream and is within the floodplain. The stream has been highly modified. Soils are a fluvial entisol with aquic moisture regime. Soils have high organic content that may also mask redox. Supported by strong hydrophytic vegetation and wetland hydrology
WFW-12-SP2	Upland	n/a	Dominance Test	none	none	
WFW-13-SP1	Wetland	PSS	Dominance Test	A11, F3	Primary: A3, B8 Secondary: D2	
WFW-13-SP2	Upland	n/a	none	none	none	
WFW-14-SP1	Wetland	PEM	Dominance Test	F3	Primary: C3 Secondary: D2	
WFW-14-SP2	Upland	n/a	Dominance Test	none	none	
WFW-14-SP3	Upland	n/a	Dominance Test	none	none	
WFW-15-SP1	Wetland	PFO	Dominance Test	A11	A3	
WFW-15-SP2	Upland	n/a	none	none	none	
WFW-15-SP3	Wetland	PFO	Dominance Test	F6	Primary: A2, A3 Secondary: D2, D5	
WFW-15-SP4	Upland	n/a	none	none	none	
WFW-15-SP5	Wetland	PFO	Dominance Test	F6	Primary: A2, A3 Secondary: D2	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFW-16-SP1	Wetland	PEM	Dominance Test	A11, F3	Primary: A3 Secondary: B10, D5	
WFW-16-SP2	Upland	n/a	none	A11, F3	none	
WFW-16-SP3	Wetland	PSS	Dominance Test	A11, F3	Primary: A2, A3 Secondary: D5	
WFW-16-SP4	Upland	n/a	Dominance Test	A11, F3	none	
WFW-17-SP1	Wetland	PFO	Dominance Test	A11	Primary: A2, A3	
WFW-17-SP2	Upland	n/a	Dominance Test	none	Primary: A2, A3	
WFW-18-SP1	Wetland	PSS	Dominance Test	F3	Primary: A1, A2, A3 Secondary: D5	The sample is located within the a PSS community that includes a some tree cover in this sample point.
WFW-18-SP2	Upland	n/a	Dominance Test	none	Primary: A2, A3	
WFW-21-SP1	Wetland	PSS	Dominance Test	F6	Primary: A2, A3, B1, B2, B3 Secondary: D2, D5	
WFW-21-SP2	Upland	n/a	none	A11, F3	none	
WFW-22-SP1	Wetland	PSS	Dominance Test	A11, F3	Primary: A1, A2, A3, B4 Secondary: D2, D5	
WFW-22-SP2	Upland	n/a	Dominance Test	F3	none	
WFW-23-SP1	Wetland	PEM	Dominance Test	A11, F3	Primary: A1, A2, A3	
WFW-23-SP2	Upland	n/a	none	none	none	
WFW-24-SP1	Wetland	PFO	Dominance Test	A11, F3	Primary: B1, B2, B3, B5, B8 Secondary: B9, D2	
WFW-24-SP2	Upland	n/a	Dominance Test	none	Secondary: B9, C9	
WFW-25-SP1	Wetland	PFO	Dominance Test	A11, F3,	Primary: A3 Secondary: D2	
WFW-25-SP2	Wetland	PFO	Dominance Test	A11, F3	Primary: A1, A2, A3, C1 Secondary: B9, C9	
WFW-26-SP1	Upland	n/a	Dominance Test	none	Secondary: D5	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFW-26-SP2	Wetland	PFO	Dominance Test	A11, F3	Primary: A3 Secondary: D2, D5	
WFW-26-SP3	Upland	n/a	Dominance Test	none	none	
WFW-27-SP1	Wetland	PSS	Dominance Test	A11, F3	Primary: A2, A3 Secondary: D2	
WFW-27-SP2	Upland	n/a	Dominance Test	F3	Secondary: D5	
WFW-34-SP1	Upland	n/a	Dominance Test	none	Secondary: D5	
WFW-34-SP2	Wetland	PFO	Dominance Test	other	Primary: A2, A3 Secondary: D2, D5	Naturally problematic soils; No hydric soil indicators, but dark organics may be masking redox features. Strong hydrophytic vegetation and hydrology indicators support the determination of wetland.
WFW-36-SP1	Wetland	PFO	Dominance Test	F6	Primary: A2, A3, C3 Secondary: B10, D5	
WFW-36-SP2	Upland	n/a	Dominance Test	none	none	
WFW-36-SP3	Wetland	PEM	Dominance Test	F3, A11	Primary: A2, A3 Secondary: D2, D5	
WFW-36-SP4	Upland	n/a	Dominance Test	none	none	
WFW-37-SP1	Wetland	PFO	Dominance Test	A4, A11, F3	Primary: A2, A3, C1, C3	
WFW-37-SP2	Upland	n/a	Dominance Test	none	none	
WFW-37-SP3	Wetland	PSS	Dominance Test	F3	Primary: A2, A3 Secondary: D5	
WFW-37-SP4	Upland	n/a	Dominance Test	none	none	
WFW-37-SP5	Wetland	PEM	Dominance Test	other	Primary: A1, A2, A3 Secondary: C9, D2, D5	Sample point located in 2 to 3 feet of standing water of a pond feature that is part of the broader wetland. Inundated soils not observed, presumed hydric based on on strong hydrophtic vegetation and wetland hydrology.
WFW-37-SP6	Upland	n/a	Dominance Test	F6	none	
WFW-38-SP1	Upland	n/a	Dominance Test	none	none	
WFW-38-SP2	Wetland	PFO	Dominance Test	A1, A4	Primary: A2, A3, C1 Secondary: D2, D5	
WFW-39-SP1	Upland	n/a	Dominance Test	none	none	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WFW-39-SP2	Wetland	PFO	Dominance Test	A1	Primary: A3 Secondary: D2, D5	
WFW-39-SP3	Upland	n/a	Dominance Test	none	none	
WFW-39-SP4	Wetland	PFO	Dominance Test	A11, F3	Primary: C3 Secondary: D2, D5	
WFW-42-SP1	Upland	n/a	Dominance Test	none	none	
WFW-42-SP2	Wetland	PEM	Rapid Test, Dominance Test	A11	Primary: A3, C3 Secondary: D2, D5	
WFW-43-SP1	Wetland	PFO	Dominance Test	A4, F6	Primary: A2, A3, C1	
WFW-43-SP2	Upland	n/a	none	none	none	
WFW-44-SP1	Wetland	PEM	Rapid Test, Dominance Test	A4, F6	Primary: A2, A3, C4	
WFW-44-SP2	Upland	n/a	Dominance Test	none	none	
WFW-45-SP1	Wetland	PFO	Dominance Test	F6	Primary: C3 Secondary: B10, D5	
WFW-45-SP2	Upland	n/a	Dominance Test	F3	none	
WFW-46-SP1	Wetland	PSS	Dominance Test	F1	Primary: A2, A3	
WFW-46-SP2	Upland	n/a	none	none	none	
WMI-02-SP1	Wetland	PEM	Dominance Test	F3	Primary: A2, A3 Secondary: D5	
WMI-02-SP2	Upland	n/a	Dominance Test	none	Secondary: D5	
WMI-03-SP1	Upland	n/a	Dominance Test	F3	Secondary: D5	
WMI-03-SP2	Wetland	PEM	Dominance Test	F3	Primary: A2, A3 Secondary: D2, D5	
WMI-04-SP1	Upland	n/a	Dominance Test	A11, F3	Secondary: D2, D5	
WMI-04-SP2	Wetland	PSS	Dominance Test	F7	Primary: A3 Secondary: D2, D5	
WMI-04-SP3	Upland	n/a	Dominance Test	A11, F3	Secondary: D2, D5	
WMI-04-SP4	Upland	n/a	Dominance Test	A11	Secondary: D2, D5	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WMI-04-SP5	Upland	n/a	Dominance Test	none	none	
WMI-06-SP1	Wetland	PEM	Dominance Test	F3	Primary: A2, A3 Secondary: D2, D5	
WMI-06-SP2	Upland	n/a	Dominance Test	A11, F3	none	
WMI-07-SP3	Upland	n/a	Dominance Test	F3	none	
WMI-07-SP4	Wetland	PSS	Dominance Test	F3	Primary: A2, A3	
WMI-07-SP5	Upland	n/a	none	none	none	
WMI-07-SP6	Wetland	PEM	Rapid Test, Dominance Test	F6	Primary: A2, A3 Secondary: D2, D5	
WMI-08-SP1	Upland	n/a	none	F3	none	
WMI-08-SP2	Wetland	PSS	Dominance Test	F3	Primary: A3 Secondary: D5	
WMI-08-SP3	Upland	n/a	Dominance Test	none	Secondary: D5	
WMI-08-SP4	Wetland	PEM	Dominance Test	A11, F3	Primary: A2, A3 Secondary: D2, D5	
WMI-09a-SP1	Wetland	PFO	Dominance Test	F3	Primary: A2, A3 Secondary: D5	
WMI-09a-SP2	Upland	n/a	none	none	none	
WMI-09a-SP3	Wetland	PFO	Dominance Test	F1	Primary: A2, A3 Secondary: D2, D5	
WMI-09a-SP4	Upland	n/a	none	none	none	
WMI-09a-SP5	Wetland	PFO	Dominance Test	A1, A4, F1	Primary: A2, A3, C1 Secondary: D2, D5	
WMI-09a-SP6	Wetland	PFO	Dominance Test	F3	Primary: A2, A3, C3	
WMI-09a-SP7	Upland	n/a	Dominance Test	none	none	
WMI-09a-SP8	Wetland	PEM	Rapid Test for Hydrophytic Vegetation	F3	Primary: A3 Secondary: D2 D5	
WMI-09a-SP9	Upland	n/a	Dominance Test	none	none	
WMI-09b-SP1	Wetland	PSS	Dominance Test	A1, A4	Primary: A3, C1, C4 Secondary: D2, D5	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WMI-09b-SP2	Upland	n/a	Dominance Test	none	none	
WMI-09b-SP3	Wetland	PEM	Dominance Test	F3	Primary: A3, C3 Secondary: D5	
WMI-09b-SP4	Upland	n/a	Dominance Test	none	none	
WMI-09b-SP5	Wetland	PFO	Dominance Test	F3	Primary: A2, A3, C3, C4 Secondary: D5	
WMI-09b-SP6	Upland	n/a	Dominance Test	none	none	
WMI-10-SP1	Upland	n/a	none	none	none	
WMI-10-SP2	Wetland	PSS	Dominance Test	F3	Primary: C3	
WMI-11-SP-1	Wetland	PFO	Dominance Test	F3	Primary: B2, C3 Secondary: D2, D5	
WMI-11-SP-2	Upland	n/a	Dominance Test	F3	none	
WMI-12-SP1	Wetland	PFO	Dominance Test	F3	Primary: C3 Secondary: D5	
WMI-12-SP2	Upland	n/a	Dominance Test	F3	none	
WMI-12-SP3	Wetland	PFO	Dominance Test	F3, F6	Primary: C3 Secondary: D2, D5	
WMIFW-01-SP01	Wetland	PSS	Dominance Test	A4, F6	Primary: A2, A3, C1 Secondary: D2, D5	
WMIFW-01-SP02	Upland	n/a	Dominance Test	none	none	
WMIFW-01-SP03	Wetland	PSS	Dominance Test	A4, A11, F2, F3	Primary: A1, A2, A3, C1	
WMIFW-01-SP04	Upland	n/a	none	none	Primary: A3	
WMIFW-01-SP05	Upland	n/a	none	F3	none	
WMIFW-01-SP06	Wetland	PFO	Dominance Test	A11, F2	Primary: A2, A3 Secondary: D2, D5	
WMIFW-01-SP07	Upland	n/a	none	none	none	
WMIFW-01-SP08	Wetland	PSS	Dominance Test	A4, A11, F3	Primary: A1, A2, A3, C1 Secondary: D2, D5	
WMIFW-01-SP09	Wetland	PEM	Dominance Test	A11, F3	Primary: A3 Secondary: D2, D5	
WMIFW-01-SP10	Upland	n/a	Dominance Test	none	Secondary: D5	

Table D-1 Summary of Wetland Determination Sample Plots (continued)

Sample Point	Wetland Determination (wetland/upland)	USFWS Wetland Sample Point Classification	Vegetation	Soils	Hydrology	Report Notes
WMIFW-11-SP11	Wetland	PEM	Dominance Test	F6	Primary: A3 Secondary: D5	
WMIFW-11-SP12	Upland	n/a	Dominance Test	F3	Secondary: D5	
WPCFI-02-SP1	Wetland	PEM	Dominance Test	A4, A11, F3, F6	Primary: A3, C1, C3 Secondary: D2, D5	
WPCFI-02-SP2	Wetland	PSS	Dominance Test	F3	Primary: A3 Secondary: D2	
WPCFI-02-SP3	Upland	n/a	Dominance Test	none	Secondary: D5	
WTA-01-SP1	Wetland	PSS	Problematic Hydrophtic Vegetation	F6	Primary: B1, B2, B3, C3 Secondary: B10, D2	Hydrophytic Vegetation Rationale: Vegetation dominated by two non-native, weedy species. Bohemian knotweed, which has a FACU indicator, is commonly found in riverine areas that are regularly flooded.
WTA-01-SP2	Upland	n/a	Dominance Test	none	none	
SP FW V1	Upland	n/a	Dominance Test	none	none	
SP FW V2	Upland	n/a	none	none	none	
SP FW V3	Upland	n/a	none	none	none	
SP FW V4	Upland	n/a	none	none	none	
SP FW V5	Upland	n/a	none	none	Primary: A1, A2, A3	
SP FW V6	Upland	n/a	Dominance Test	none	Primary: A2, A3	
SP FW V7	Upland	n/a	Dominance Test	none	Primary: A2, A3	
SP FW V8	Upland	n/a	Dominance Test	n/a	none	

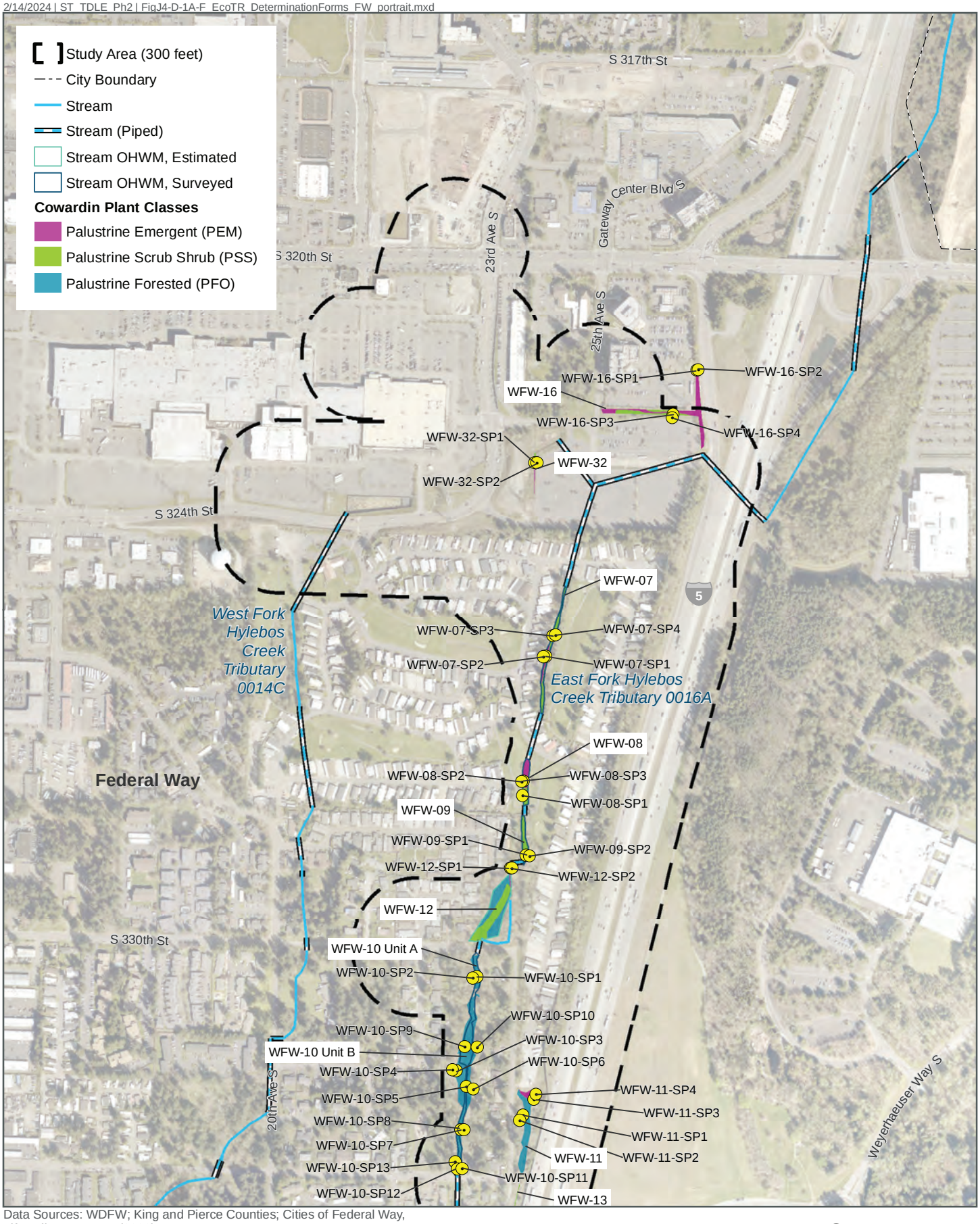

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1A
Wetland Determination Sample Points
Federal Way Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

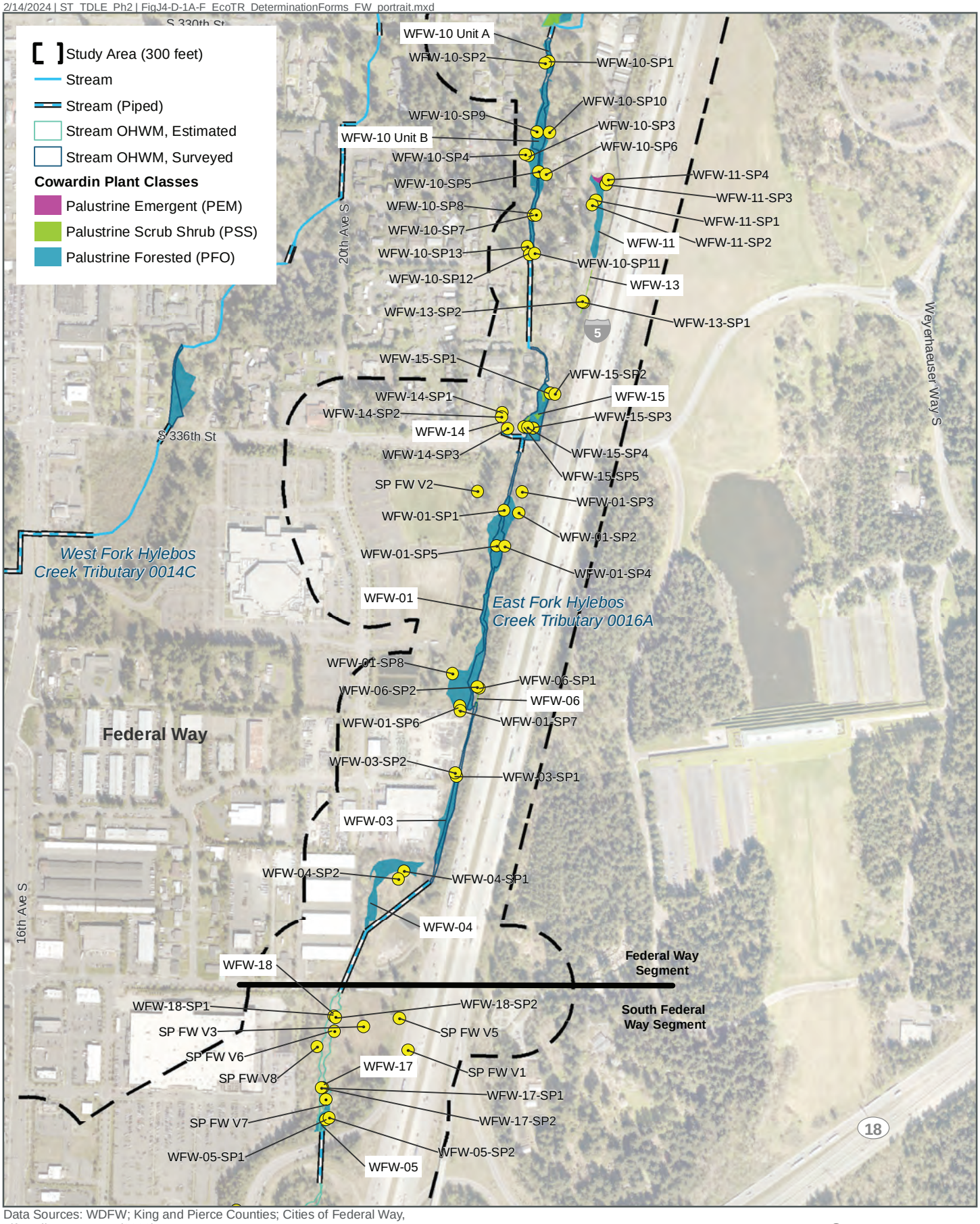

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1B
Wetland Determination Sample Points
Federal Way Segment
Tacoma Dome Link Extension

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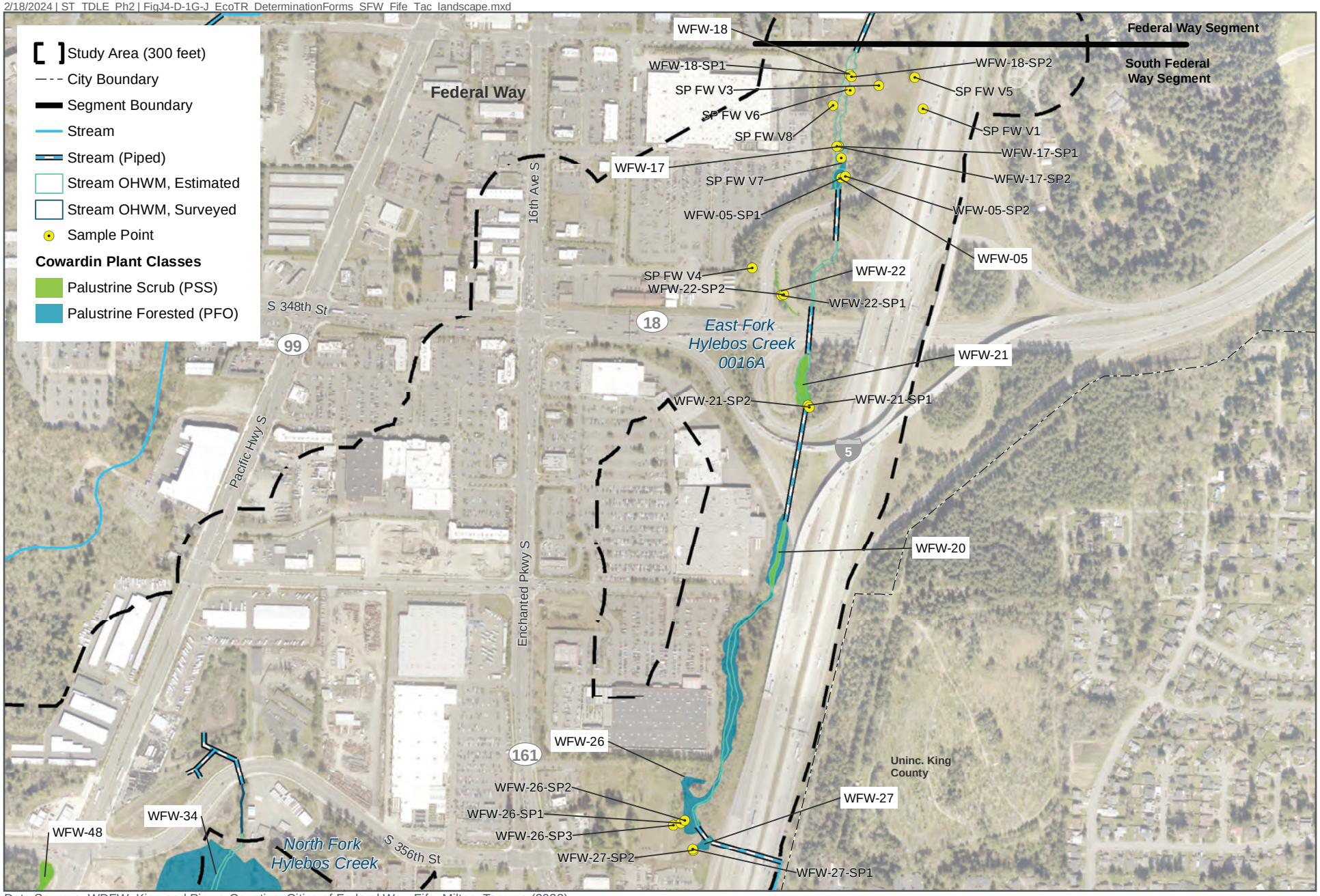

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1C
Wetland Determination Sample Points
South Federal Way Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

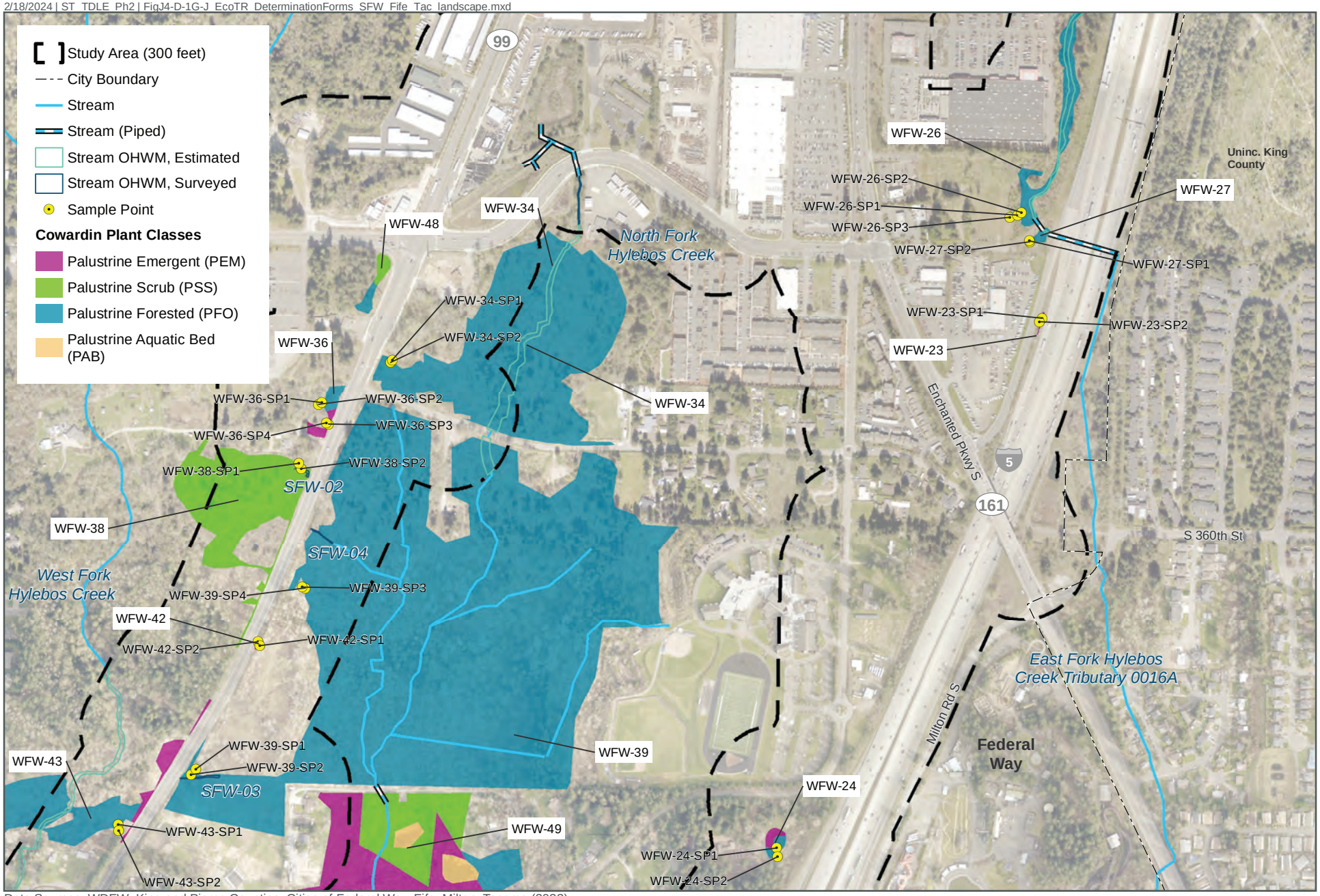

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1D
Wetland Determination Sample Points
South Federal Way Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

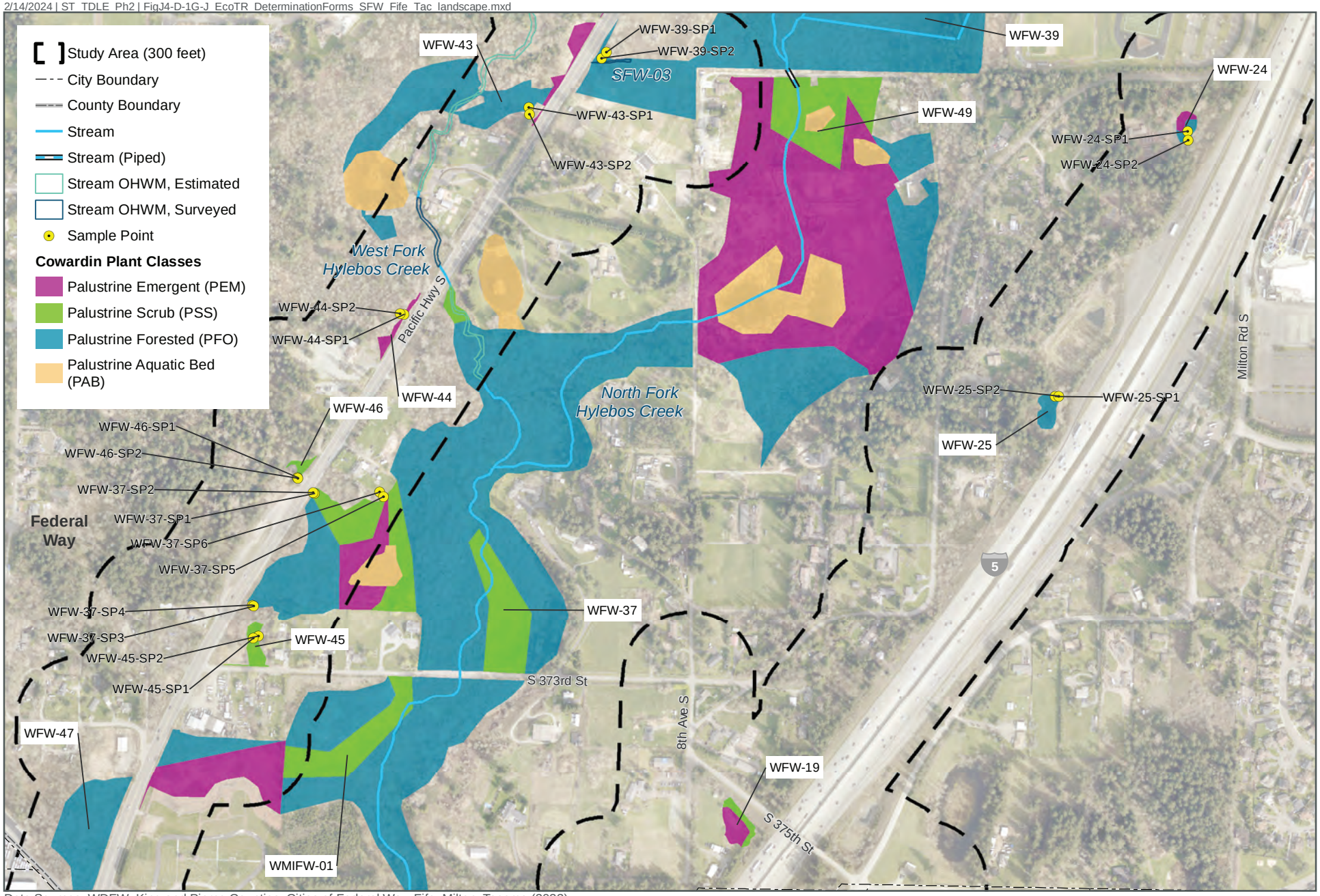

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1E
Wetland Determination Sample Points
South Federal Way Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

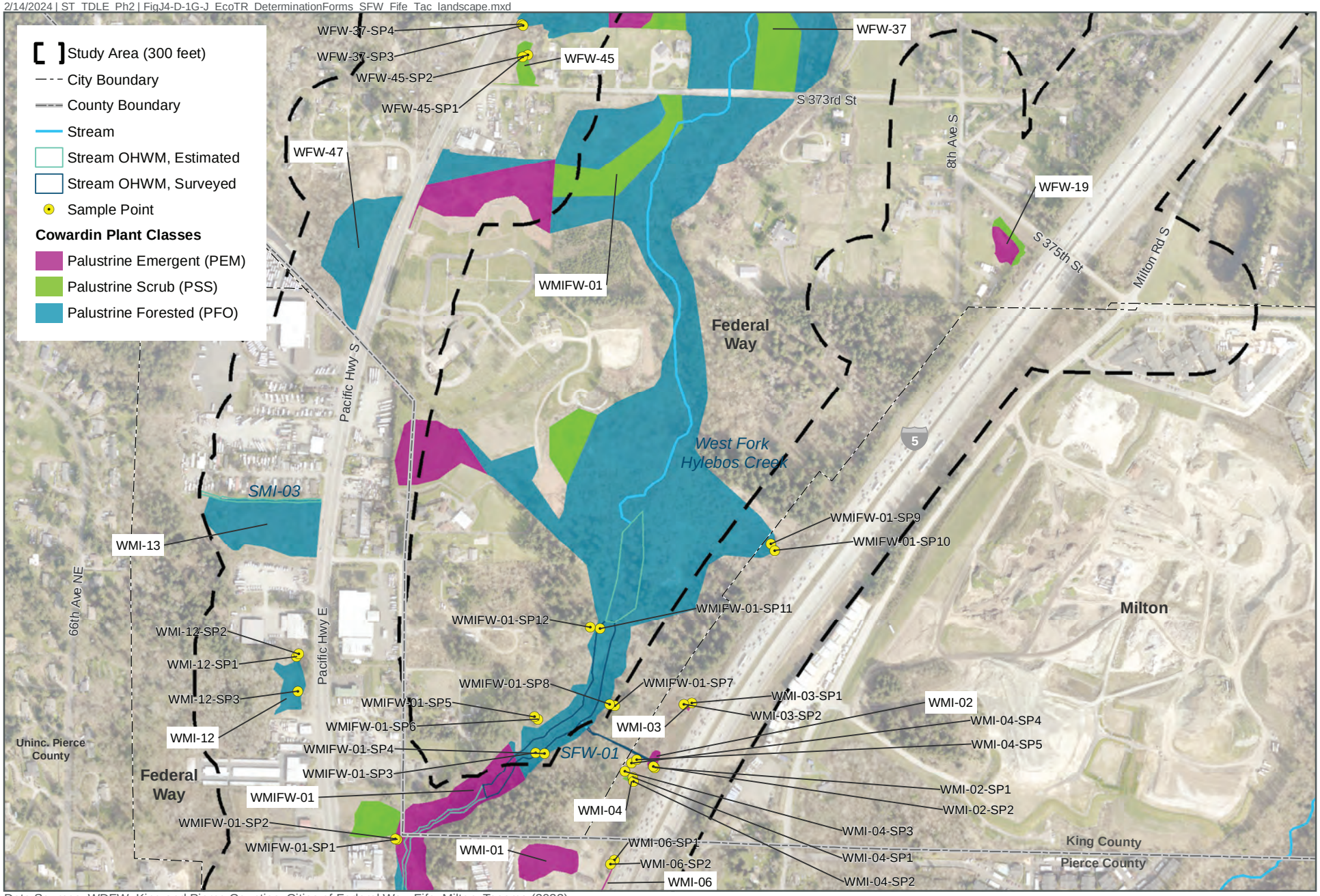

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1F
Wetland Determination Sample Points
South Federal Way Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

2/18/2024 | ST_TDLE_Ph2 | FigJ4-D-1G-J_EcoTR_DeterminationForms_SFW_Fife_Tac_landscape.mxd

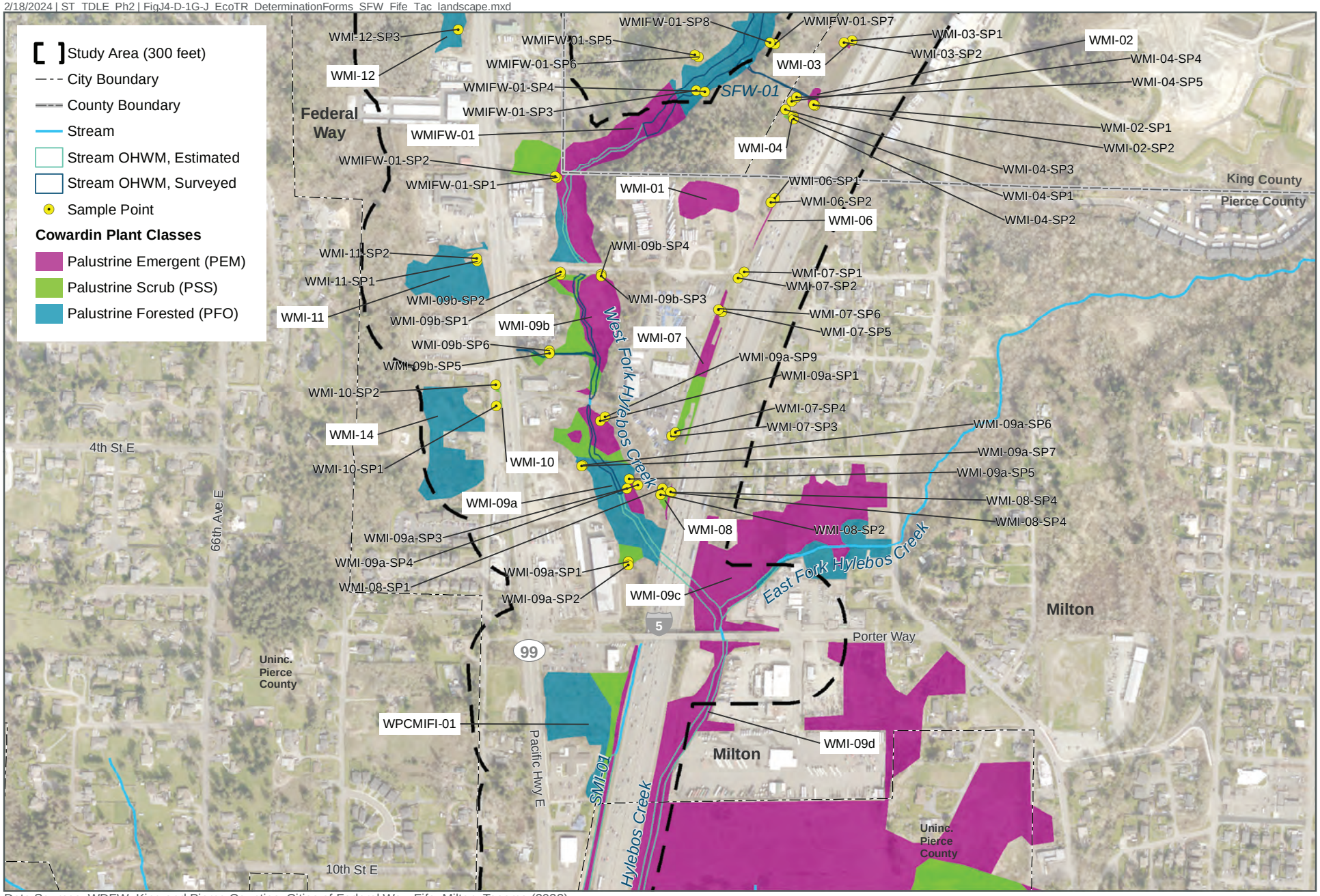

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1G

Wetland Determination Sample Points

South Federal Way Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

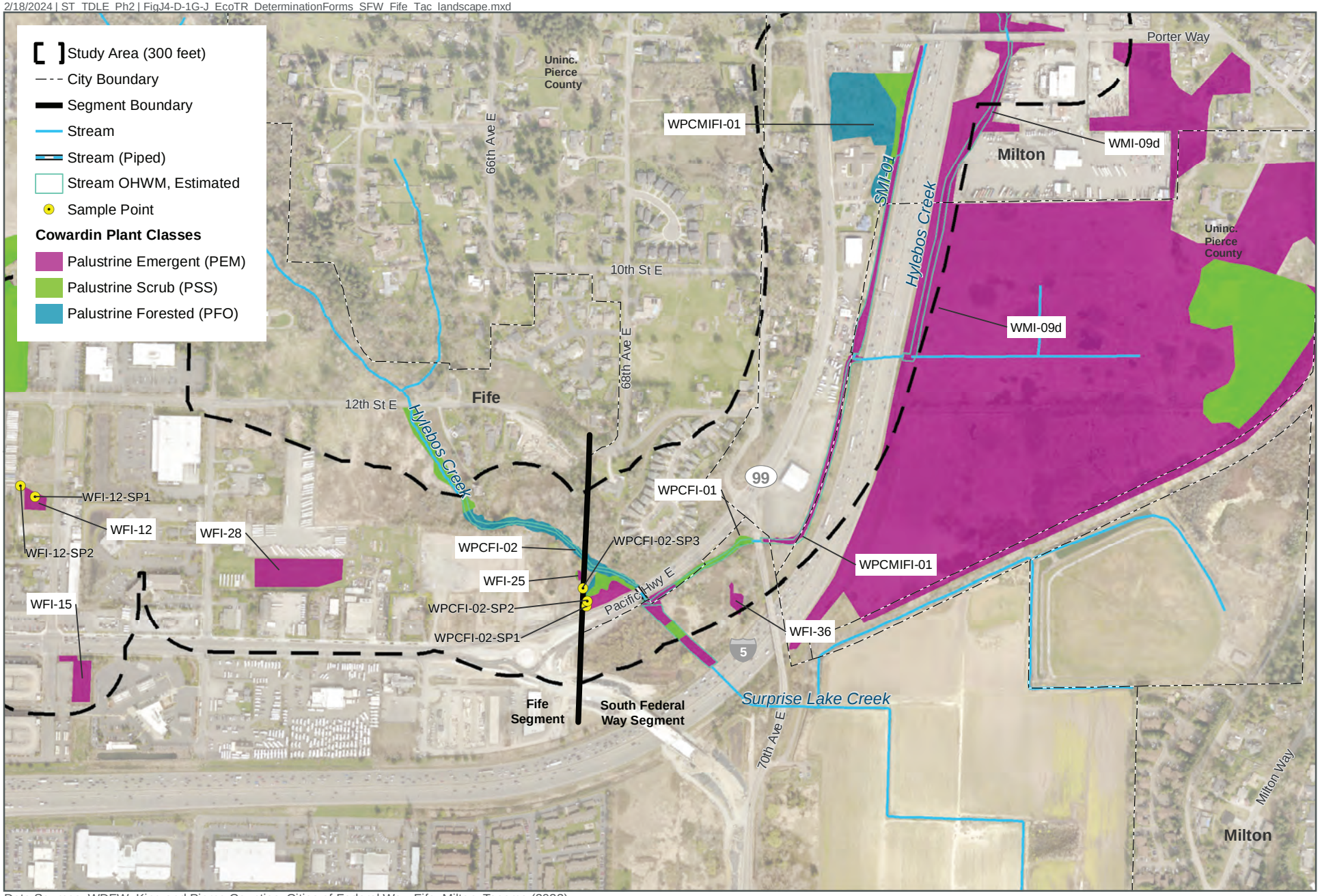

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1H
Wetland Determination Sample Points
South Federal Way and Fife Segments
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

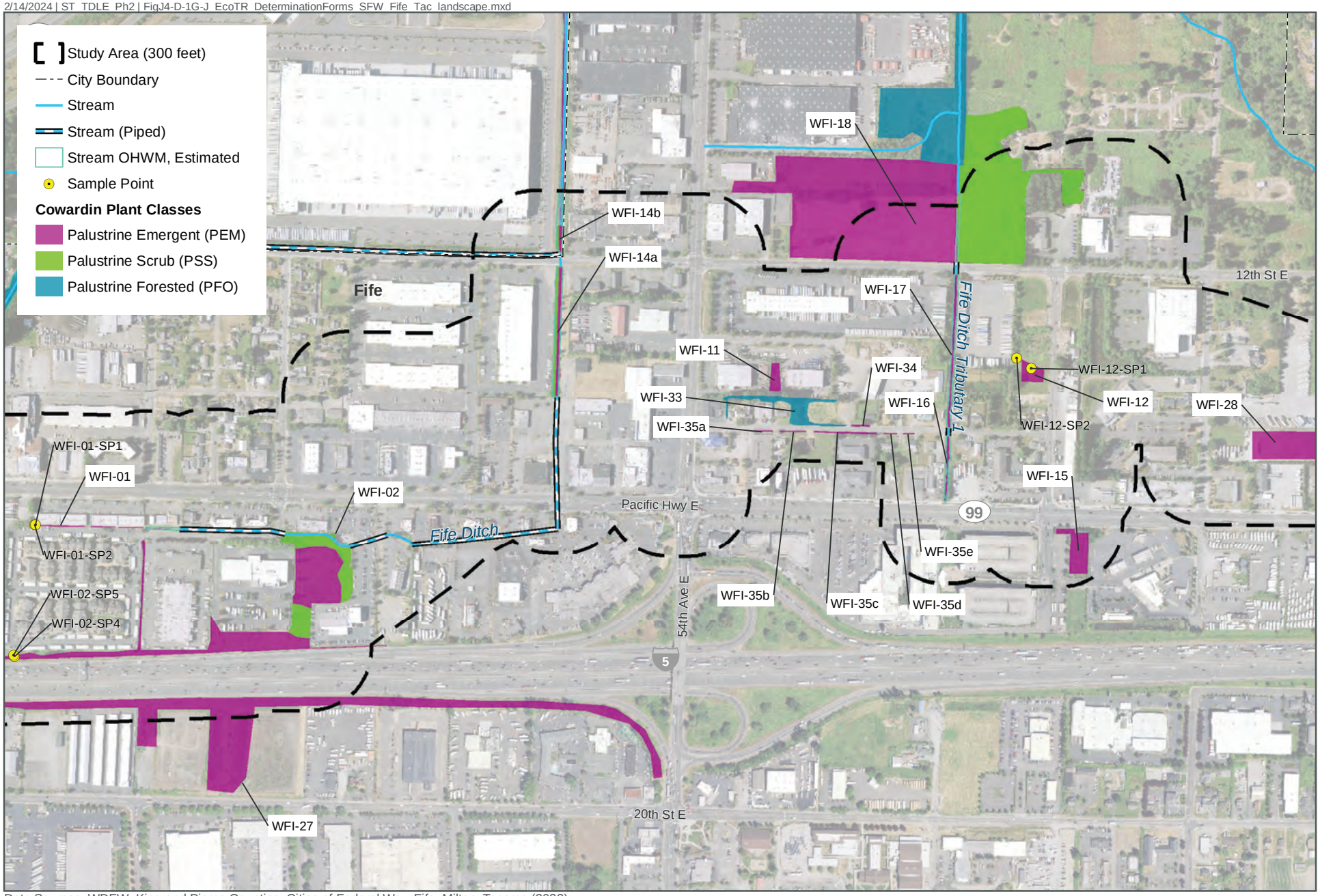

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1I
Wetland Determination Sample Points
Fife Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

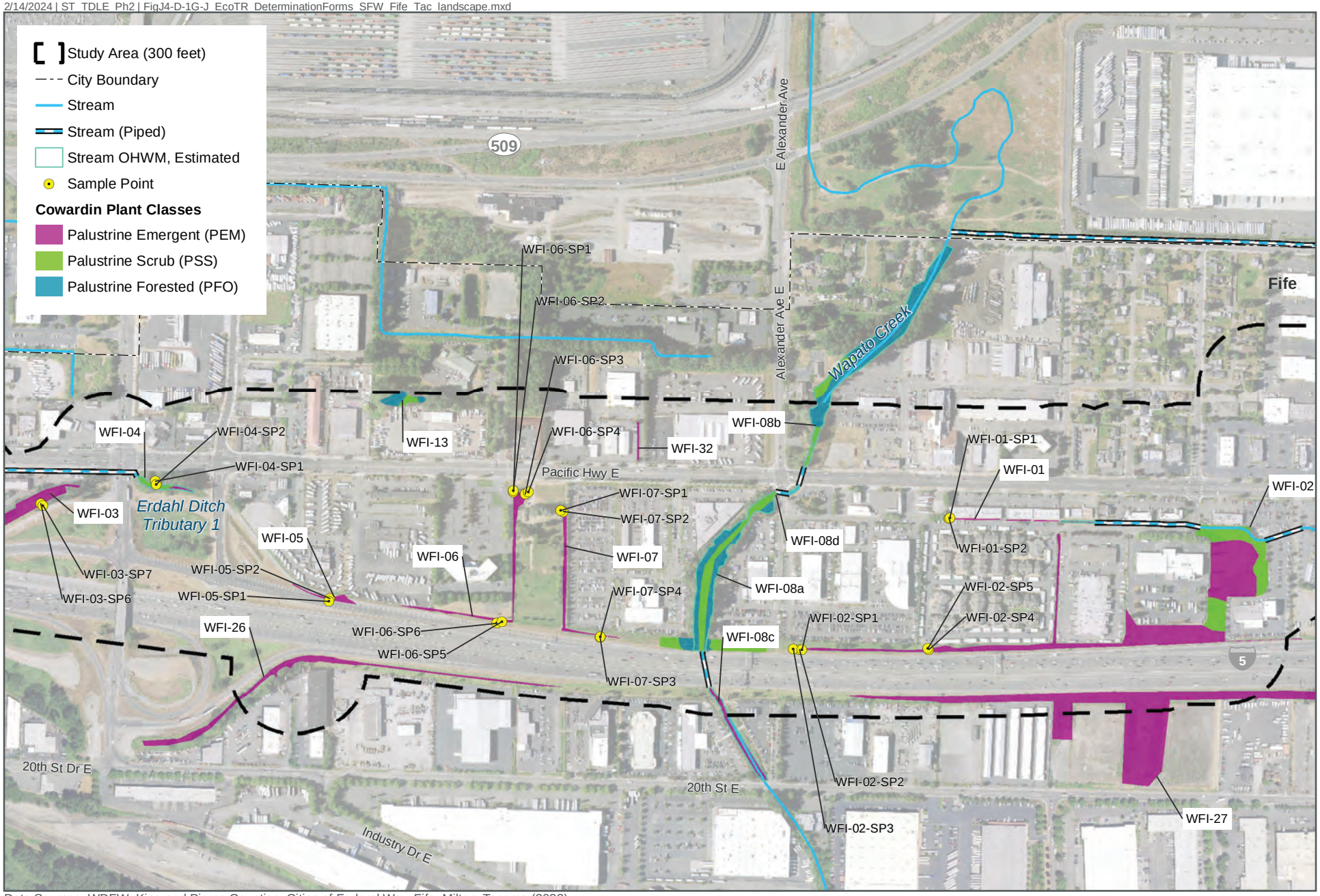

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1J
Wetland Determination Sample Points
Fife Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

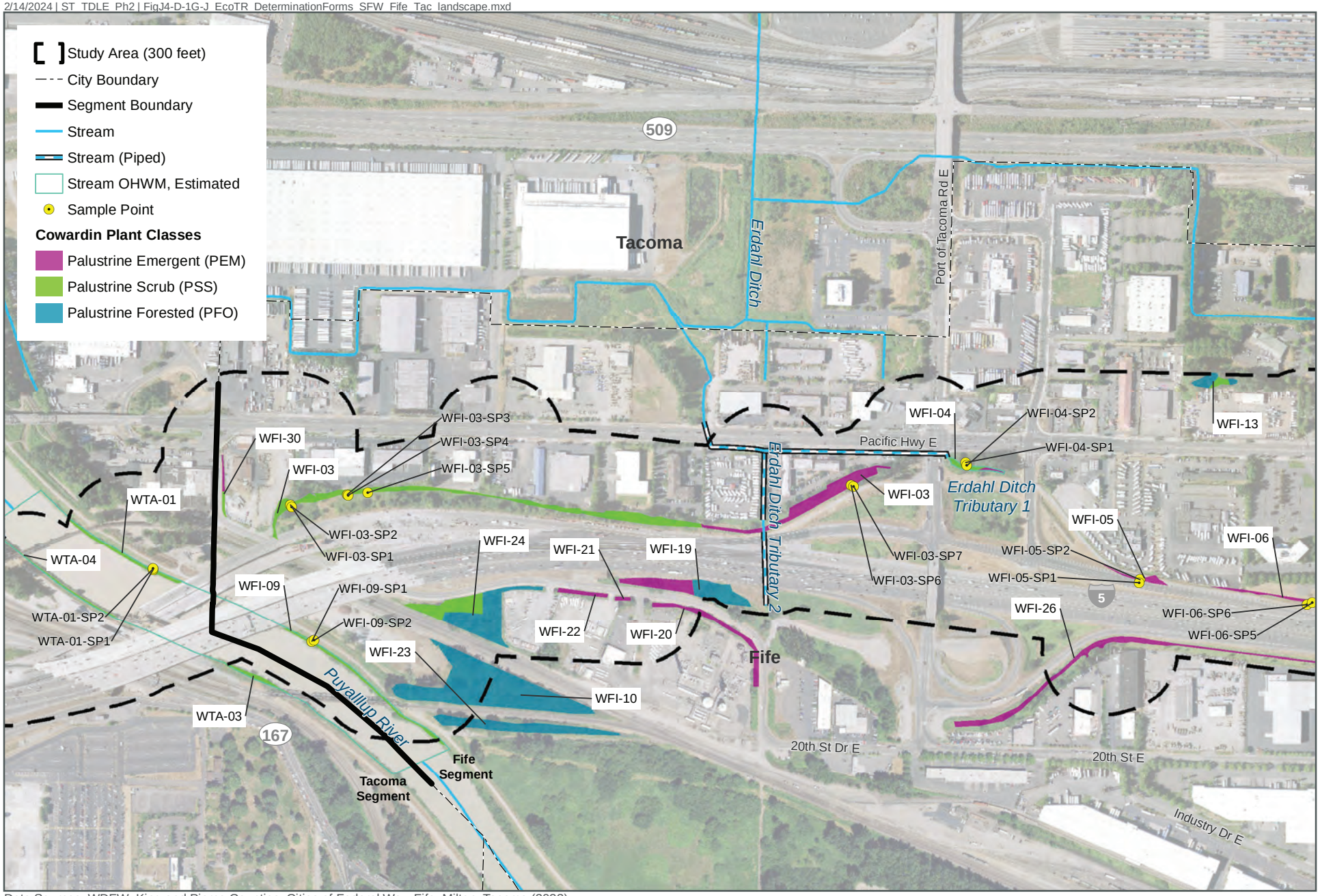

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1K
Wetland Determination Sample Points
Fife and Tacoma Segments
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

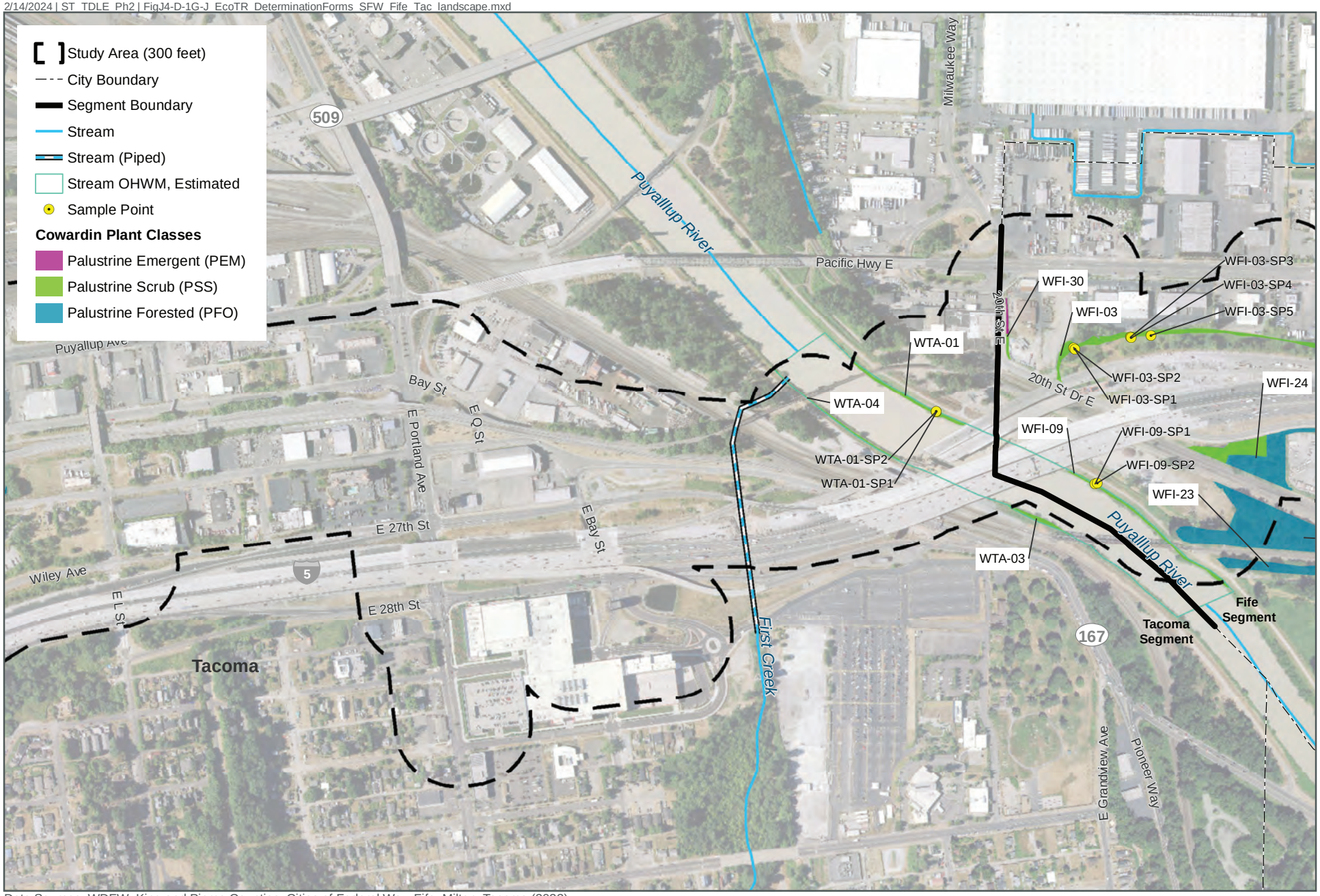

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1L
Wetland Determination Sample Points
Tacoma Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

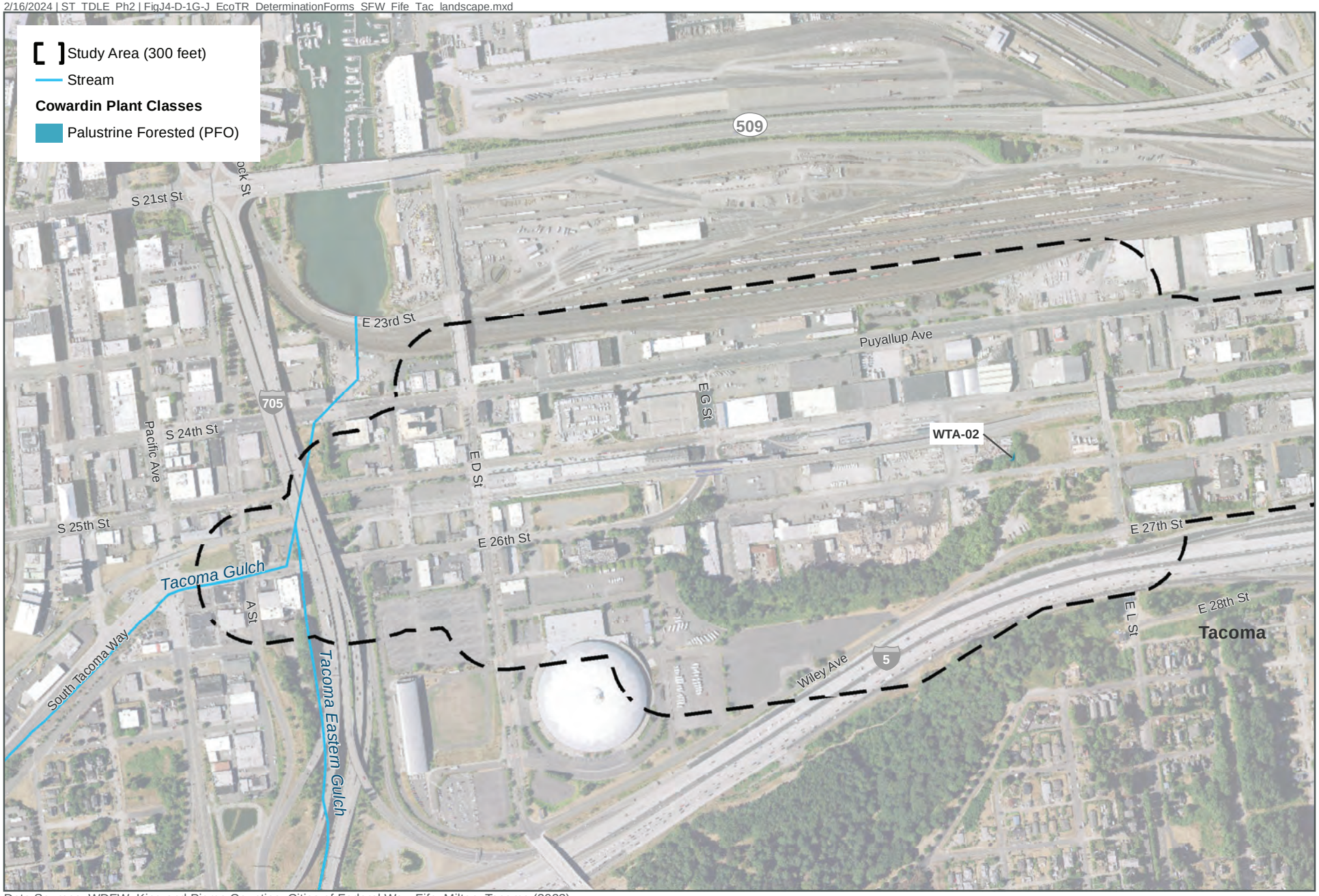

Data Sources: WDFW; King and Pierce Counties; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J4.D-1M
Wetland Determination Sample Points
Tacoma Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/18/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-01-SP1**

Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S01 A SESW

Landform (hillslope, terrace, etc.): ditch Local relief (concave, convex, none): concave Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242620 Long: -122.369592 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil X, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No X

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM wetland SP. Ditch vegetation with standing water, no OHW indicators, stormwater inputs. The weltand is surrounded by dense urban development and the northern boundary of the wetland appears to have been created by the fill pad for the buildings. Problematic soils due to lack of indicators, which may reflect altered conditions from development.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-01-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 2/2	100					GrSaL	20% gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils consist of recently reworked soils on a roadway construction site. Problematic soils due to lack of indicators, which may reflect altered conditions from development. Abundant gravel appears to be fill material. Hydric soils assumed supported by hydrophytic vegetation and strong hydrology indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes X No ___ Depth (inches): 6

Water Table Present? Yes X No ___ Depth (inches): surface

Saturation Present? (includes capillary fringe) Yes X No ___ Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/18/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-01-SP2**

Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S12 A NENW

Landform (hillslope, terrace, etc.): ditch in floodplain Local relief (concave, convex, none): concave Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242612 Long: -122.369611 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is located on a slope of the ditch side. Site is confined by parking structure.

VEGETATION

Tree Stratum (Plot size: r=30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=5')			
1. *Rubus armeniacus*	30%	Yes	FAC
2.			
3.			
4.			
5.			
	30% = Total Cover		
Herb Stratum (Plot size: r=5')			
1. *Phalaris arundinacea*	30%	Yes	FACW
2. *Galium aparine*	20%	Yes	FACU
3. *Taraxacum officinale*	5%	No	FACU
4. *Senecio vulgaris*	5%	No	FACU
5. *Cardamine hirsuta*	3%	No	FACU
6.			
7.			
8.			
9.			
10.			
11.			
	63% = Total Cover		
Woody Vine Stratum (Plot size: r=5')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 37%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
Vegetation is cut down. Lots of trash

SOIL

Sampling Point: **WFI-01-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 2/1	100					GrSaL	
14-16	10YR 2/1	60	2.5YR 5/8	5	C	M	GrSaL	imported fill/cobble
			10YR 4/1	35	D	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Assumed to be non-hydric based on lack of wetland hydrology during very wet seasonal conditions.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 12

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

This saturation may be due to the wetter conditions and the wetter than normal precipitation

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/18/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-02-SP1**
Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S12 A NENW
Landform (hillslope, terrace, etc.): Toe of slope Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240840 Long: -122.372413 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM wetland SP. This sample point is located on the roadside of the I-5 southbound.

VEGETATION

Tree Stratum (Plot size: r=30ft)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=30ft)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=5ft			
1. *Ranunculus repens*	60%	Yes	FAC
2. *Alopecurus pratensis*	40%	Yes	FAC
3. *Holcus lanatus*	40%	Yes	FAC
4. *Agrostis stolonifera*	20%	No	FAC
5. *Stellaria media*	15%	No	FACU
6. *Taraxacum officinale*	10%	No	FACU
7. *Rumex crispus*	5%	No	FAC
8.			
9.			
10.			
11.			
	190% = Total Cover		
Woody Vine Stratum (Plot size: r=5ft			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-02-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 2/2	93	7.5YR 2.5/3	7	C	PL,M	CL	
4-16	10YR 3/1	75	5YR 3/4	25	C	PL,M	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- x Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 8
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 6

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/18/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-02-SP2**
Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S12 A NENW
Landform (hillslope, terrace, etc.): ditch Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240838 Long: -122.372463 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM wetland SP. Sample point is slightly upslope of WFI-02-SP1. It is in the right-of-way I-5 southbound. Identification of hydric soils in this disturbed area was based on direct observation of hydrology.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Ranunculus repens*	60%	Yes	FAC
2. *Schedonorus arundinaceus*	30%	Yes	FAC
3. *Alopecurus pratensis*	30%	Yes	FAC
4. *Holcus lanatus*	30%	Yes	FAC
5. *Stellaria media*	5%	No	FACU
6. *Rumex crispus*	3%	No	FAC
7. *Taraxacum officinale*	1%	No	FACU
8.			
9.			
10.			
11.			
	159% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-02-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/2	98	10YR 3/6	2	C	M	CL	
4-7	10YR 3/2	90	5YR 4/6	10	C	PL	SaCL	
7-16	5Y 4/1	80	7.5YR 4/6	20	C	PL	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 11.5
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 8.5

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/19/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-02-SP3**
Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S12 A NENW
Landform (hillslope, terrace, etc.): ditch Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240843 Long: -122.372585 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is on the roadside.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Ranunculus repens*	70%	Yes	FAC
2. *Alopecurus pratensis*	35%	Yes	FAC
3. *Schedonorus arundinaceus*	35%	Yes	FAC
4. *Poa pratensis*	15%	No	FAC
5. *Stellaria media*	15%	No	FACU
6.			
7.			
8.			
9.			
10.			
11.			
	170% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-02-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7.5	10YR 2/2	99	7.5YR 3/4	1	C	PL	CL	
7.5-16	10YR 3/2	70	7.5YR 3/4	30	C	PL,M	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 14

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

In this location, creeping buttercup is an aggressive invasive species that occurs in wetlands and uplands and is a poor indicator. Soils are heavily disturbed. The site was carefully evaluated for juridictional hydrology during a wetter than normal rainy season.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/19/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-02-SP4**
Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S12 A NENW
Landform (hillslope, terrace, etc.): ditch Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240869 Long: -122.369953 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes X	No ____	
Wetland Hydrology Present?	Yes X	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM sample point

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=5ft)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:

SOIL

Sampling Point: **WFI-02-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/3	100					L	
8-16	2.5Y 4/1	93	7.5YR 3/3	7	C	PL,M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- x High Water Table (A2)
- x Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 8
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 1

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Surface water present nearby outside of 5ft radius plot

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/19/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-02-SP5**
Investigator(s): Irina Lapina, Aaron Thom Section, Township, Range: T20N R03E S12 A NENW
Landform (hillslope, terrace, etc.): swale Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240890 Long: -122.369965 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:

VEGETATION

Tree Stratum (Plot size: 30ft)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 30ft)			
1. *Rubus armeniacus*	3%	No	FAC
2.			
3.			
4.			
5.			
	3% = Total Cover		
Herb Stratum (Plot size: 5ft)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 30ft)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-02-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/2	100					CL	
7-11	10YR 4/1	100					CL	
11-16	10YR 4/1	80	10YR 3/6	20	C	M	CL	with cobble

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Redoximorphic features in second layer (7-11") likely very small and/or masked by organics

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- x FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 16
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 13

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Hydrology conditions are wetter than normal, so saturation likely emphemeral and not a reflection of wetland hydrology. In this location, reed canary grass is an aggressive invasive species that occurs in wetlands and uplands and is a poor indicator. Soils are heavily disturbed. The site was carefully evaluated for juridictional hydrology during a wetter than normal rainy season.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/19/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP1**

Investigator(s): I. Lapina, A. Thom Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): toe of slope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242153 Long: -122.398150 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Tacoma silt loam - 43A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil x, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **x**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PSS wetland SP is located at the toe of a slope of I-5 road prism. Located East of Earling Street, north of I-5.
Soils are recently disturbed and lack indicators; however, positive alpha alpha dipyridyl test and support of hydrophytic vegetation and weltand hydrology supports presence of hydric soils.

VEGETATION

Tree Stratum (Plot size: r=30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Salix scouleriana*	10%	Yes	FAC
2.			
3.			
4.			
	10% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=30')			
1. *Rubus armeniacus*	50%	Yes	FAC
2.			
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r=5')			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Galium aparine*	7%	No	FACU
3. *Cardamine oligosperma*	5%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	92% = Total Cover		
Woody Vine Stratum (Plot size: r=5')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 8%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes x** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-03-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 3/2	100					SaL	AAD positive-strong
3-9	10YR 4/1	100					SaL	AAD positive-faint
9-15	2.5Y 2.5/1	90	7.5YR 5/8	10	C	M	SaL	cobbles

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: compacted rock, cobbles

Depth (inches): 15

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Problematic soils: alpha alpha dipyridyl (AAD) test was positive within the top two layers, confiming presence of iron. Geomorphic position, hydrophytic plants, and strong hydrology support presence of hydric soils.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- X Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 1
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Surface water within 10 feet of the SP.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/19/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP2**

Investigator(s): I. Lapina, A. Thom Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242129 Long: -122.398128 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Tacoma silt loam - 43A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP to WMI-03-SP1. Located on I-5 road prism.

VEGETATION

Tree Stratum (Plot size: r=30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=30')			
1. *Rubus armeniacus*	85%	Yes	FAC
2.			
3.			
4.			
5.			
	85% = Total Cover		
Herb Stratum (Plot size: r=5')			
1. *Phalaris arundinacea*	20%	Yes	FACW
2. *Cardamine oligosperma*	3%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	23% = Total Cover		
Woody Vine Stratum (Plot size: r=5')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:
many fallen logs and branches. Feather moss approx. 40%

SOIL

Sampling Point: **WFI-03-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 3/3	100					GrSaL	
9-12	10YR 3/2	100					GrSaL	cobbles
12+								cobbles, compacted

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: cobbles, compacted gravel

Depth (inches): 12

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP3**

Investigator(s): I. Lapina, A. Thom Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): toe of slope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242307 Long: -122.397054 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Tacoma silt loam - 43A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PSS Wetland SP located at toe of slope of I-5 road prism

VEGETATION

Tree Stratum (Plot size: r=30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=5')			
1. *Rubus armeniacus*	50%	Yes	FAC
2.			
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r=5')			
1. *Phalaris arundinacea*	30%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30% = Total Cover		
Woody Vine Stratum (Plot size: r=5')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 70%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-03-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/3	100					CL	
4-7	10YR 4/2	95	7.5YR 4/6	5	C	M	CL	cobbles
7-16	10YR 4/1	85	7.5YR 4/6	15	C	M	CL	cobbles, gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
x Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
x High Water Table (A2)
x Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
x Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 11.5
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 10.5

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP4**

Investigator(s): I. Lapina, A. Thom Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242292 Long: -122.397030 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Tacoma silt loam - 43A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP located upslope of SP3 on I-5 road prism

VEGETATION

Tree Stratum (Plot size: r=30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=30')			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=5')			
1. *Phalaris arundinacea*	3%	Yes	FACW
2. *Cirsium arvense*	3%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	6% = Total Cover		
Woody Vine Stratum (Plot size: r=5')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 94%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFI-03-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/2	100					CL	
4-14	10YR 4/3	100					CL	
14-16	10YR 4/2	95	10YR 4/6	5	C	M	GrCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP5**

Investigator(s): I. Lapina, A. Thom Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242333 Long: -122.396655 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP for Wetland WFI-03

VEGETATION

Tree Stratum (Plot size: r=30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=30')			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=5')			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=5')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-03-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/3	100					CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP6**

Investigator(s): K. Moser, M. Murphy Section, Township, Range: T20N R03E S11 A NWNE

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 5-10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242565 Long: -122.387262 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM Wetland SP, located along southern boundary of WFI-03.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-03-SP6**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/2	100					L	
7-16	10YR 4/1	100					GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Positive alpha alpha dipyridyl test for presence of reduced iron

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- X Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 5
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 3

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-03-SP7**

Investigator(s): K. Moser, M. Murphy Section, Township, Range: T20N R03E S11 A NWNE

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242545 Long: -122.387217 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** ____
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
upland SP located upslope of SP6

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Cardamine oligosperma*	5%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-03-SP7**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/2	100					L	
4-8	10YR 3/2	50					L	mixed matrix
	10YR 3/3	50					L	
8-16	10YR 3/3	100					L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-04-SP1**

Investigator(s): J. Wozniak, Per Johnson Section, Township, Range: T20N R03E S02 A SWSE

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242892 Long: -122.385048 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is located above the Erdahl Ditch Tributary 1

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer macrophyllum*	65%	Yes	FACU
2.			
3.			
4.			
	65% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Prunus laurocerasus*	20%	Yes	NOL
2. *Vaccinium ovatum*	10%	Yes	FACU
3. *Gaultheria shallon*	10%	Yes	FACU
4. *Rubus armeniacus*	10%	Yes	FAC
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	50%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	50% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 50%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WFI-04-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-3	10YR 3/2	100					L	
3-20	10YR 3/2	60	10YR 4/2	25	D	M	GrSaL	
			10YR 4/6	15	C	M,PL		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-04-SP2**

Investigator(s): J. Wozniak, Per Johnson Section, Township, Range: T20N R03E S02 A SWSE

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242852 Long: -122.385024 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PSS wetland sample point located on a low bench along the Erdahl Ditch Tributary 1.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	20%	Yes	FAC
2.			
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-04-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-16	10YR 2/1	90	10YR 4/6	10	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
X Water Marks (B1)
X Sediment Deposits (B2)
X Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 2
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-05-SP1**

Investigator(s): J. Wozniak, Per Johnson Section, Township, Range: T20N R03E S11 A NENE

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.241387 Long: -122.381610 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation X, Soil X, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No X

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This site has been recently graded and hydroseeded. It is erosion prone, therfore soils were not sampled.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	60%	Yes	FAC
2. *Ranunculus repens*	40%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-05-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Soil data not taken due to high disturbance and recent hydroseeding. Non-hydric soils assumed based on lack of hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-05-SP2**

Investigator(s): J. Wozniak, Per Johnson Section, Township, Range: T20N R03E S11 A NENE

Landform (hillslope, terrace, etc.): Surface Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.241350 Long: -122.381630 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No X

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This site has been recently graded and hydroseeded. It is erosion prone, therfore soils were not sampled. This is the PEM pit for WFI-5.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Ranunculus repens*	70%	Yes	FAC
2. *Poa pratensis*	30%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-05-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils are disturbed and recently hydroseeded with erosion potential. Hydric soils were assumed based on hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
X Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 2	**Wetland Hydrology Present?**	**Yes** X **No** ___
Water Table Present?	Yes X	No ___	Depth (inches): surface		
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-06-SP1**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S01 A SWSW

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242850 Long: -122.378081 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
Sample point is located in the upland region off the western boundary of WFI-06.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	50%	Yes	FAC
2. *Trifolium repens*	50%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-06-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Soils have been recently re-graded and are highly disturbed.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-06-SP2**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S01 A SWSW

Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242867 Long: -122.378087 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
This site has been recently graded and hydroseeded. Site is erosion prone so soils are not sampled. This sample point is located in a PEM wetland in the western portion of WFI-06.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	60%	Yes	FAC
2. *Trifolium repens*	40%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-06-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils are disturbed with recent hydroseeding and high erosion potential. Hydric soils are assumed based on hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
X Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 2	
Water Table Present?	Yes X	No ___	Depth (inches): surface	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-06-SP3**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S01 A SWSW

Landform (hillslope, terrace, etc.): Slight slope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242822 Long: -122.377856 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
This sample point is the PEM wetland pit for WFI-06. It was dug east of the ditch feature.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	90%	Yes	FAC
2. *Ranunculus repens*	15%	No	FAC
3. *Trifolium pratense*	5%	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	110% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-06-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					CL	
5-10	10YR 3/2	75	5Y 4/1	20	D	M	CL	
			7.5YR 4/4	5	C	M	CL	
10-16	10YR 4/1	70	7.5YR 5/8	20	C	M	C	
			2.5YR 4/2	10	C	M	C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 14
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 11

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-06-SP4**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S01 A SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242851 Long: -122.377796 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
This sample point is located on a grassy slope upslope and north of Wetland WFI-06.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	40%	Yes	FAC
2. *Ranunculus repens*	40%	Yes	FAC
3. *Holcus lanatus*	40%	Yes	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	120% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-06-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/3	100	none				SiL	
7-11	10YR 3/3	99	7.5YR 3/4	1	C	PL	SiCL	
11-16	10YR 4/1	70	7.5YR 3/4	30	C	M	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 17

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-06-SP5**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S11 A NENE

Landform (hillslope, terrace, etc.): swale Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.241130 Long: -122.378253 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
PEM wetland SP; in ditch

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	50%	Yes	FAC
2. *Trifolium repens*	20%	Yes	FAC
3. *Phalaris arundinacea*	20%	Yes	FACW
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-06-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 2/2	100					L	
3-14	10YR 4/2	95	10YR 4/6	5	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
x Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
x Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
x High Water Table (A2)
x Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
x Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 2
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-06-SP6**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S11 A NENE

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.241106 Long: -122.378355 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
Paired with WFI-06-SP5. Upland.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	80%	Yes	FAC
2. *Trifolium repens*	20%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-06-SP6**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 2/2	100					L	
2-14	10YR 4/2	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-07-SP1**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S12 A NWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242606 Long: -122.377107 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No X

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
SP1 is the paired upland sample point with SP2 (wetland) for WFI-07. SP location is upon a recently graded and hydroseeded embankement along WSDOT ROW. It has erosion prone soils and therefore soil data was not taken.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	50%	Yes	FAC
2. *Trifolium repens*	50%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-07-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Soils have been disturbed and recently hydroseeded. They have a high erosion potential, thus soil data not taken and presumed not hydric due to lack of hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-07-SP2**

Investigator(s): J. Wozniak Section, Township, Range: T20N R03E S12 A NWNW

Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.242613 Long: -122.377157 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No X

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
PEM Wetland SP, located in the WSDOT ROW portion of WFI-07. This site has recently been graded and hydroseeded.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	80%	Yes	FAC
2. *Trifolium repens*	20%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-07-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soil data not taken due to the erosion prone soils and recent disurbance and hydroseeding. Hydric soils assumed based on hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
X Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 1	
Water Table Present?	Yes X	No ___	Depth (inches): surface	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/17/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-07-SP3**

Investigator(s): K. Moser, A. Thom, I. Lapina Section, Township, Range: T20N R03E S12 A NWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240947 Long: -122.376343 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
This sample point is located along the west side of ditch on 4005 parcel. It's Cowardin class is PEM.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Holcus lanatus*	60%	Yes	FAC
2. *Poa pratensis*	30%	Yes	FAC
3. *Ranunculus repens*	15%	No	FAC
4. *Cerastium fontanum*	2%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	107% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-07-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 3/2	100	none				CL	
3-5	10YR 3/2	95	7.5YR 4/4	5	C	M/PL	CL	
5-17	10YR 3/2	85	7.5YR 3/4	15	C	M/PL	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___		
Water Table Present?	Yes X	No ___	Depth (inches): 11	**Wetland Hydrology Present?**	**Yes** X **No** ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 7		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/17/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-07-SP4**

Investigator(s): K. Moser, A. Thom, I. Lapina Section, Township, Range: T20N R03E S12 A NWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240960 Long: -122.376337 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Briscot loam - 6A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
Sample point is the paired upland sample point with SP3 for WFI-07 and was dug upslope of the wetland.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	90%	Yes	FAC
2. *Ranunculus repens*	10%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-07-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 3/2	100					CL	
12-18	10YR 3/2	90	10YR 3/4	10	C	M/PL	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-09-SP1**

Investigator(s): J. Wozniak, P. Johnson Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): Stream bench terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240352 Long: -122.397679 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Tacoma silt loam - 43A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes x** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This SP samples PSS located on east bank of Puyallup River on low stream bench. Sample point located south of I-5 bridge.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	60%	Yes	FAC
2. *Spiraea douglasii*	10%	No	FACW
3.			
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Equisetum hyemale*	20%	Yes	FACW
2. *Phalaris arundinacea*	20%	Yes	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 60%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
Bare ground is fresh alluvium.

SOIL

Sampling Point: **WFI-09-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10YR 3/2	95	10YR 4/6	5	C	M, CS	LSa	
10-18	10YR 3/2	80	10YR 4/1	5	D	M	LSa	soil inclusion
			10YR 4/4	15	C	CS		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
X Water Marks (B1)
X Sediment Deposits (B2)
X Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Puyallup River Gauge (USGS Gauge 12101500) data indicates frequent inunudation of this area.

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-09-SP2**

Investigator(s): J. Wozniak, P. Johnson Section, Township, Range: T20N R03E S11 L 1

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.240363 Long: -122.397636 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Tacoma silt loam - 43A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes** ____ **No X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point located on east bank of Puyallup River, above WFI-09-SP1, on a levee.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	90%	Yes	FAC
2.			
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	40%	Yes	FAC
2. *Phalaris arundinacea*	20%	Yes	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 40%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X No** ____

Remarks:

SOIL

Sampling Point: **WFI-09-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	10YR 2/1	100					Rocky L	
6+							Rock	rock and quarry spalls

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Soils assumed to be non-hydric due to landscape position on the levee and lack of hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Lacks primary and secondary indicators except FAC neutral

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/25/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-12-SP1**
Investigator(s): K. Moser, A. Thom Section, Township, Range: T20N R04E S06 A SESW
Landform (hillslope, terrace, etc.): Flat Local relief (concave, convex, none): none Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.244946 Long: -122.350305 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is located within the center of the parcel. This is an PEM wetland sample point.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	3%	Yes	FAC
2.			
3.			
4.			
5.			
	3% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Schedonorus arundinaceus*	40%	Yes	FAC
2. *Poa pratensis*	40%	Yes	FAC
3. *Holcus lanatus*	20%	Yes	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFI-12-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 3/2	100	none				SiCL	
10-14	10YR 5/1	70	7.5YR 4/6	30	C	M	SiCL	
14-16	10YR 4/1	80	10YR 4/6	20	C	M	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- X Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 15
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 14

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Wetland hydrology assumed, supported by hydrophytic vegetation and strong hydric soils. Wetlands in the area appear to be tidally influenced. Biologists observed water table fluctuations in real time that corresponded with tidal fluctuations that were crossed checked in tide charts. This was observed within soils pits in wetlands not connected by surface water. We're assuming that this is result of change in pressure head from tidal influences in the aquifer. Therefore, wetland hydrology is assumed to be present, despite observations of saturation below a 12-inch depth.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Fife, Pierce County Sampling Date: 2/25/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFI-12-SP2**
Investigator(s): K. Moser, A. Thom Section, Township, Range: T20N R04E S06 A SESW
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.245082 Long: -122.350588 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Sultan silt loam - 42A - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is the located near ditch feature along west end of property.

VEGETATION

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: r=3m)			
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Schedonorus arundinaceus*	60%	Yes	FAC
2. *Poa pratensis*	40%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFI-12-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-11	10YR 2/2	100					SiCL	
11-14	10YR 4/3	85	10YR 4/6	15			SiCL	
14-16	10YR 4/1	98	10YR 4/6	2			SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-1-SP1

Investigators: DANIELSKI, STORY Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.299740 Long: -122.304298 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

On low bank of Hylebos creek, looks like possible wet spot. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Sample plot has 3 of 3 wetland criteria, is located in forested portion of WFW-1.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5)	Absolute % Cover	Dominant Species?	Indicator Status
1. Fraxinus latifolia	60	Yes	FACW
2.			
3.			
4.			
	60	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3)			
1. Oemleria cerasiformis	20	Yes	FACU
2. Acer circinatum	5	No	FAC
3. Cornus sericia	3	No	FACW
4.			
5.			
	28	= Total Cover	
Herb Stratum (Plot size: 1)			
1. Phalaris arundinacea	60	Yes	FACW
2. Ranunculus repens	30	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 10 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
Total Number of Dominant Species Across All Strata:	4	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	75	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	123	x2=	246
FAC species	35	x3=	105
FACU species	20	x4=	80
UPL species		x5=	0
Column Totals:	178 (A)		431 (B)

Prevalence Index = B/A= 2.42

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-16	7.5YR 2.5/1	100					Sandy Loam	
16-18	10YR 4/1	98	7.5 YR 4/6	2	C	M	Sandy Loam	Very gravelly from 10-18+

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- X Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator A12, thick dark surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Tables (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): _____

Water Table Present? Yes ___ No X Depth (inches): _____

Saturation Present? Yes ___ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes X No ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot located in forested area. No primary indicators observed, roughly 6 feet from OHWM of Hylebos Creek. Sample plot meets secondary hydrology indicators for FAC-Neutral Test (D5) and Geomorphic Position (D2).

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-1-SP2

Investigators: DANIELSKI, STORY Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.299721 Long: -122.304062 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Located in depression adjacent to East Fork Hylebos Creek. Sample Plot has 3 of 3 wetland criteria, is located in forested portion of WFW-1.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Fraxinus latifolia	40	Yes	FACW
2. Alnus rubra	15	Yes	FAC
3.			
4.			
	55	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Acer circinatum	30	Yes	FAC
2. Rubus spectabilis	5	No	FAC
3.			
4.			
5.			
	35	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	30	Yes	FAC
2. Carex obnupta	30	Yes	OBL
3. Urtica dioica	3	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	63	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 37 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	30	x1=	30
FACW species	40	x2=	80
FAC species	83	x3=	249
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	153 (A)		359 (B)

Prevalence Index = B/A= 2.35

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-22	10YR 2/1	100					Silt Loam	
22-24	2.5Y 4/2	95	2.5Y 4/4	5	C	M	Silty Clay Loam	Lots of cobble/gravel

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- X Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator A12, Thick Dark Surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Tables (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): _____

Water Table Present? Yes ___ No X Depth (inches): _____

Saturation Present? Yes ___ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes X No ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary indicators observed. Sample plot meets secondary hydrology indicators for FAC-Neutral Test (D5) and Geomorphic Position (D2).

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-1-SP3

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Hillslope Local Relief (concave, convex, none): None Slope(%): 2

Subregion (LRR): A - Northwestern Forest, Lat: 47.299992 Long: -122.303947 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

Sample plot has 0 of 3 wetland criteria, is not located in a wetland. Paired upland plot for WFW-1. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Acer macrophyllum	35	Yes	FACU
2. Pseudotsuga menziesii	30	Yes	FACU
3.			
4.			
	65	= Total Cover	

Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus ursinus	40	Yes	FACU
2. Gaultheria shallon	30	Yes	FACU
3. Acer circinatum	25	Yes	FAC
4. Rubus spectabilis	10	No	FAC
5. Acer macrophyllum	10	No	FACU
	115	= Total Cover	

Herb Stratum (Plot size: 1m)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
		= Total Cover	

Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 60 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	1	(A)
Total Number of Dominant Species Across All Strata:	5	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	20	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	35	x3=	105
FACU species	145	x4=	580
UPL species		x5=	0
Column Totals:	180 (A)		685 (B)

Prevalence Index = B/A= 3.81

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/3	100					Silt Loam	
8-18	10YR 4/4	100					Silt Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators. Soil is very dry, very bright.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary indicators observed, dry to 18+.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS | City/County: Federal Way, King | Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit | State: WA | Sampling Point: WFW-1-SP4

Investigators: Danielski | Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Depression | Local Relief (concave, convex, none): Concave | Slope(%): 0

Subregion (LRR): A | Lat: 47.299290 | Long: -122.304367 | Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam | NWI Classification: PEM1

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area within a Wetland?** Yes X No ___
Wetland Hydrology Present?	Yes X	No ___	

Remarks:

Sample plot has 3 of 3 wetland criteria, is located in PEM community in WFW-1. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	

Sapling/Shrub Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Salix lasiandra	2	Yes	FACW
2.			
3.			
4.			
5.			
	2	= Total Cover	

Herb Stratum (Plot size: 1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Phalaris arundinacea	90	Yes	FACW
2. Athyrium cyclosorum	10	No	FAC
3. Ranunculus repens	5	No	FAC
4. Solanum dulcamara	5	No	FAC
5. Urtica dioica	5	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	115	= Total Cover	

Woody Vine Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 0 | % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	2	(A)
Total Number of Dominant Species Across All Strata:	2	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	92	x2=	184
FAC species	25	x3=	75
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	117 (A)		259 (B)

Prevalence Index = B/A= 2.21

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-11	7.5 YR 2/2	100					Sandy Loam	
11-20	7.5 YR 2/2	95	5YR 4/6	5	C	M	Sandy Loam	Gravelly

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes X No ____

Remarks:

Sample plot nearly meets indicator for F6, Redox Dark Surface. Dark surface layers may have redox that is difficult to see. Given presence of hydrophytic vegetation and geomorphic position below OHWM of East Fork Hylebos Creek, soil is likely seasonally flooded for 14 or more consecutive days during the growing season, and therefore hydric soils presumed to exist.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- X Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes X No ____

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Damp at 20 but no saturation or water table. Secondary indicators Geomorphic Position (D2) and FAC-Neutral Test (D5) present. Below OHWM of Hylebos Creek. Sampling occurred at end of dry season/beginning of water year, before full groundwater recharge.

Subsequent visit on 10/18 showed sample plot under several inches of water. Is likely seasonally ponded.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-1-SP5

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Hillslope Local Relief (concave, convex, none): None Slope(%): 3

Subregion (LRR): A - Northwestern Forest, Lat: 47.299271 Long: -122.304420 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

Slightly upslope from wetland boundary and channel of Hylebos Creek. Sample plot has 0 of 3 wetland indicators, is not located in a wetland. Paired upland plot for WFW-1 The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Thuja plicata	30	Yes	FAC
2. Pseudotsuga menziesii	20	Yes	FACU
3. Alnus rubra	15	Yes	FAC
4. Prunus emarginata	10	No	FACU
	75	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus ursinus	60	Yes	FACU
2. Acer circinatum	20	Yes	FAC
3. Sambucus racemosa	7	No	FACU
4. Oemleria cerasiformis	5	No	FACU
5.			
	92	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Polystichum munitum	30	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 10 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
Total Number of Dominant Species Across All Strata:	6	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	50	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	65	x3=	195
FACU species	132	x4=	528
UPL species		x5=	0
Column Totals:	197 (A)		723 (B)

Prevalence Index = B/A= 3.67

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation
___ 2 - Dominance Test is >50%
___ 3 - Prevalence Index is ≤3.0[1]
___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
___ 5 - Wetland Non-Vascular Plants[1]
___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP5

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-18	7.5YR 3/3	100					Silt Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks indicators of hydric soil.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary wetland hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-1-SP6

Investigators: DANIELSKI, STORY Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.296963 Long: -122.304909 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Sample plot meets 3 of 3 wetland criteria, is located in WFW-1.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Populus balsamifera	20	Yes	FAC
2. Salix scouleriana	5	Yes	FAC
3.			
4.			
	25	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	12	Yes	FAC
2. Acer circinatum	5	Yes	FAC
3. Crataegus monogyna	3	No	FAC
4.			
5.			
	20	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Agrostis stolonifera	40	Yes	FAC
2. Ranunculus repens	10	No	FAC
3. Solanum dulcamara	2	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	52	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 48 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	5	(A)
Total Number of Dominant Species Across All Strata:	5	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	97	x3=	291
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	97 (A)		291 (B)

Prevalence Index = B/A= 3.00

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP6

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-18	10YR 2/1	93	10YR 3/4	7	C	M	Silt Loam	Lot of gravel in profile starting at 14

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator F6, Redox Dark Surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Tables (A2)
- ___ Saturation (A3)
- X Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- X Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? Yes ___ No X Depth (inches): ___

(includes capillary fringe)

Wetland Hydrology Present? Yes X No ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot has primary hydrology indicators for water marks on nearby trees, and secondary indicators for water stained leaves and geomorphic position. A site visit on 10/18 had 6 inches of surface water in the area near the sample plot.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-1-SP7

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Hillslope Local Relief (concave, convex, none): Convex Slope(%): 40

Subregion (LRR): A - Northwestern Forest, Lat: 47.296970 Long: -122.304825 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil X or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

Sample plot meets 0 of 3 wetland criteria, is not located in a wetland. Paired upland plot for WFW-1. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Sample plot located on fill slope.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	70	Yes	FAC
2.			
3.			
4.			
5.			
	70	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Polystichum munitum	20	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	20	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 80 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	1	(A)
Total Number of Dominant Species Across All Strata:	2	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	50	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	70	x3=	210
FACU species	20	x4=	80
UPL species		x5=	0
Column Totals:	90 (A)		290 (B)

Prevalence Index = B/A= 3.22

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP7

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Cobble fill pad, no soil.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS | City/County: Federal Way, King | Sampling Date: 10/10/2019

Applicant/Owner: Sound Transit | State: WA | Sampling Point: WFW-1-SP8

Investigators: STORY, PACE | Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat | Local Relief (concave, convex, none): None | Slope(%): 0

Subregion (LRR): A - Northwestern Forest, | Lat: 47.297585 | Long: -122.305229 | Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam | NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Sample plot has 3 of 3 wetland criteria, is located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Fraxinus latifolia	20	Yes	FACW
2. Populus balsamifera	15	Yes	FAC
3.			
4.			
	35	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Acer circinatum	25	Yes	FAC
2. Salix lasiandra	20	Yes	FACW
3. Rubus spectabilis	7	No	FAC
4.			
5.			
	52	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	55	Yes	FAC
2. Carex obnupta	30	Yes	OBL
3. Oenanthe sarmentosa	5	No	OBL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 10 | % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	35	x1=	35
FACW species	40	x2=	80
FAC species	102	x3=	306
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	177 (A)		421 (B)

Prevalence Index = B/A= 2.38

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-1-SP8

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 2/1	100					Silt Loam	
14-20	10YR 3/2	95	10YR 3/4	5	C	M	Silty Clay Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot nearly meets redox dark surface. Given presence of water marks in the area and presence of hydrophytic vegetation, it is assumed that the area is inundated for 14 or more consecutive days during growing season and therefore hyric soil is present.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Tables (A2)
- ___ Saturation (A3)
- X Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes X No ___ Depth (inches): 16.0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Saturated at 16. Sample plot meets primary hydrology indicator for water marks and secondary hydrology indicator for FAC-neutral test. Although October is technically during the wet season, in a forested depressional wetland, groundwater has not yet recharged. Water marks indicate area around sample plot is inundated at least occasionally.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/18/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-3-SP1

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Floodplain Local Relief (concave, convex, none): None Slope(%): 2

Subregion (LRR): A - Northwestern Forest, Lat: 47.296341 Long: -122.305145 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

On bench above E. Hylebos Creek. Conditions wetter than normal for time of year. Sample plot has 3 of 3 criteria, is located within WFW-3.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Fraxinus latifolia	60	Yes	FACW
2. Alnus rubra	10	No	FAC
3.			
4.			
	70	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	20	Yes	FAC
2. Rubus spectabilis	15	Yes	FAC
3. Oemleria cerasiformis	10	Yes	FACU
4. Rubus ursinus	3	No	FACU
5.			
	48	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Hedera helix	5	Yes	FACU
2. Ranunculus repens	3	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	8	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 89 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	4	(A)
Total Number of Dominant Species Across All Strata:	6	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	67	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	60	x2=	120
FAC species	48	x3=	144
FACU species	18	x4=	72
UPL species		x5=	0
Column Totals:	126 (A)		336 (B)

Prevalence Index = B/A= 2.67

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-3-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-14	10 YR 3/2	95	10YR 4/6	5	C	M	Silt Loam	
14-18	10YR 4/2	98	10YR 5/4	2	C	M	Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Lots of gravel. Sample plot meets hydric soil indicator F6, Redox Dark Surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches):	___	
Water Table Present?	Yes X	No ___	Depth (inches):	12.0	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches):	9.0	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets primary hydrology indicators for saturation and high water table.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/18/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-3-SP2

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Toeslope Local Relief (concave, convex, none): None Slope(%): 3

Subregion (LRR): A - Northwestern Forest, Lat: 47.296326 Long: -122.305130 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil X or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area within a Wetland?** Yes ___ No X
Wetland Hydrology Present?	Yes ___	No X	

Remarks:

Soil disturbed from adjacent fill. Conditions wetter than normal for time of year. Sample plot has 1 of 3 wetland criteria, is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	45	Yes	FAC
2. Acer circinatum	35	Yes	FAC
3. Oemleria cerasiformis	10	No	FACU
4. Rubus ursinus	4	No	FACU
5.			
	94	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Polystichum munitum	7	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	7	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 89 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	2	(A)
Total Number of Dominant Species Across All Strata:	3	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	67	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	80	x3=	240
FACU species	21	x4=	84
UPL species		x5=	0
Column Totals:	101 (A)		324 (B)

Prevalence Index = B/A= 3.21

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test but not prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-3-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/2	100					Loamy Sand	
7-18	2.5Y 4/3	100					Loamy Sand	Significant gravel and cobble

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary wetland hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/18/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-4-SP1

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Depression Local Relief (concave, convex, none): Concave Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.295021 Long: -122.305908 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

Conditions wetter than normal for time of year. Sample plot meets 3 of 3 wetland criteria, is located in WFW-4.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Fraxinus latifolia	40	Yes	FACW
2. Populus balsamifera	30	Yes	FAC
3. Salix lasiandra	10	No	FACW
4.			
	80	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Spiraea douglasii	40	Yes	FACW
2.			
3.			
4.			
5.			
	40	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Carex obnupta	25	Yes	OBL
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	25	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 75 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	25	x1=	25
FACW species	90	x2=	180
FAC species	30	x3=	90
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	145 (A)		295 (B)

Prevalence Index = B/A= 2.03

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-4-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-18	10YR 2/1	97	10YR 3/3	3	C	M	Silt Loam	High organic content

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator F6, Redox Dark Surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches):	___	
Water Table Present?	Yes X	No ___	Depth (inches):	0.0	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches):	0.0	

Wetland Hydrology Present? **Yes X No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Surface water elsewhere in wetland. Sample plot meets primary hydrology indicators for High Water Table (A2) and Saturation (A3). Sample plot also passes FAC-Neutral Test (D5).

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/18/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW4-SP2

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.295021 Long: -122.305908 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.. Sample plot is paired upland plot for WFW-4, located on fill pad adjacent to WFW-4. Sample plot has 1 of 3 indicators, is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	35	Yes	FAC
2.			
3.			
4.			
5.			
	35	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	30	Yes	FAC
2. Polystichum munitum	5	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	35	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 65 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	2	(A)
Total Number of Dominant Species Across All Strata:	2	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	65	x3=	195
FACU species	5	x4=	20
UPL species		x5=	0
Column Totals:	70 (A)		215 (B)

Prevalence Index = B/A= 3.07

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test for hydrophytic vegetation.

SOIL

Sampling Point: WFW-4-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	2.5Y 4/2	99	2.5Y 3/4	1	C	M	Sandy Loam	Refusal at 4; lots of cobble

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Cobble

Depth (inches): 4

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators. Refusal at 4 inches due to cobble. Located on fill pad with minimal soil development. Soil color likely comes from color of parent material (fill pad) and is not caused by weathering or depletion.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): ____

Water Table Present? Yes ____ No X Depth (inches): ____

Saturation Present? Yes ____ No X Depth (inches): ____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ **No X**

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/23/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-5-SP1

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Channel Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.291679 Long: -122.307571 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PSS

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.Sample plot meets 3 of 3 wetland criteria, is located in WFW-5.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Populus balsamifera	15	Yes	FAC
2. Frangula purshiana	5	Yes	FAC
3.			
4.			
	20	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Symphoricarpos albus	60	Yes	FACU
2. Lonicera involucrata	30	Yes	FAC
3. Spiraea douglasii	30	Yes	FACW
4. Rubus spectabilis	20	No	FAC
5. Rubus ursinus	10	No	FACU
	150	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	10	Yes	FAC
2. Athyrium cyclosorum	5	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	15	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 85 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	6	(A)
Total Number of Dominant Species Across All Strata:	7	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	86	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	30	x2=	60
FAC species	85	x3=	255
FACU species	70	x4=	280
UPL species		x5=	0
Column Totals:	185 (A)		595 (B)

Prevalence Index = B/A= 3.22

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test but not prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-5-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 2/1	100					Silt Loam	
14-18	10YR 4/2	95	10YR 4/4	5	C	M	Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- X Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator A12, Thick Dark Surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No ___	Depth (inches):	2.00
Water Table Present?	Yes	X	No ___	Depth (inches):	0.0
Saturation Present? (includes capillary fringe)	Yes	X	No ___	Depth (inches):	0.0

Wetland Hydrology Present? **Yes** **X** **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets primary hydrology indicators for Surface Water (A1), High Water Table (A2), and Saturation (A3).

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/23/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-5-SP2

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Toeslope Local Relief (concave, convex, none): Convex Slope(%): 2

Subregion (LRR): A - Northwestern Forest, Lat: 47.291729 Long: -122.307503 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

At toe of slope, just upslope from edge of wetland WFW-5. Located in relatively mature upland forest. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Sample plot has 0 of 3 criteria, is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Thuja plicata	30	Yes	FAC
2. Pseudotsuga menziesii	30	Yes	FACU
3. Populus balsamifera	10	No	FAC
4.			
	70	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Gaultheria shallon	40	Yes	FACU
2. Rubus ursinus	40	Yes	FACU
3. Holodiscus discolor	7	No	FACU
4. Oemleria cerasiformis	5	No	FACU
5.			
	92	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Polystichum munitum	15	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	15	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 45 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 20 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	40	x3=	120
FACU species	137	x4=	548
UPL species		x5=	0
Column Totals:	177 (A)		668 (B)

Prevalence Index = B/A= 3.77

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-5-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-18	7.5YR 3/4	100					Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____
(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/23/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-6-SP1

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Channel Local Relief (concave, convex, none): Concave Slope(%): 1

Subregion (LRR): A - Northwestern Forest, Lat: 47.297321 Long: -122.304733 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PSS

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes X	No ___	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ___	**within a Wetland?** Yes X No ___

Remarks:

Swale feature likely associated with construction of I-5. Conveys stormwater runoff from multiple culverts. Conditions wetter than normal for time of year. Sample plot has 3 of 3 criteria, is located in a WFW-6.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus spectabilis	30	Yes	FAC
2. Rubus ursinus	15	Yes	FACU
3. Oemleria cerasiformis	5	No	FACU
4.			
5.			
	50	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Tolmiea menziesii	40	Yes	FAC
2. Athyrium cyclosorum	20	Yes	FAC
3. Polystichum munitum	10	No	FACU
4. Geranium robertianum	3	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	73	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 12 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
Total Number of Dominant Species Across All Strata:	4	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	75	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	90	x3=	270
FACU species	33	x4=	132
UPL species		x5=	0
Column Totals:	123 (A)		402 (B)

Prevalence Index = B/A= 3.27

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test but not prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-6-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	95	10YR 4/6	5	C	M	Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Quarry spall

Depth (inches): 16

Hydric Soil Present? Yes X No ___

Remarks:

Impenetrable restrictive layer at 16 inches. Sample plot meets hydric soil indicator F6, Redox Dark Surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No ___	Depth (inches):	0.50
Water Table Present?	Yes	X	No ___	Depth (inches):	0.0
Saturation Present? (includes capillary fringe)	Yes	X	No ___	Depth (inches):	0.0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets primary hydrology indicators for surface water, high water table, and saturation.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/23/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-6-SP2

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Toeslope Local Relief (concave, convex, none): Convex Slope(%): 0

Subregion (LRR): A Lat: 47.297447 Long: -122.304787 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology. Sample plot has 0 of 3 wetland criteria, is not located in a wetland. Paired upland plot for WFW-5.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Pseudotsuga menziesii	35	Yes	FACU
2.			
3.			
4.			
	35	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus ursinus	30	Yes	FACU
2. Acer circinatum	10	No	FAC
3. Rubus armeniacus	10	No	FAC
4. Thuja plicata	10	No	FAC
5. Acer macrophyllum	7	No	FACU
	79	= Total Cover	
Herb Stratum (Plot size: 1m)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
		= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 100 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	30	x3=	90
FACU species	84	x4=	336
UPL species		x5=	0
Column Totals:	114 (A)		426 (B)

Prevalence Index = B/A= 3.74

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-6-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-18	10YR 3/3	100					Silt Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ **No X**

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary indicators of wetland hydrology observed.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/6/2019
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-07-SP1**
Investigator(s): Steve Krueger, Aaron Thom Section, Township, Range: T21N R04E S16
Landform (hillslope, terrace, etc.): stream bench Local relief (concave, convex, none): convex Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.309896 Long: -122.302392 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 0 to 6 percent slopes - AmB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station. Precipitation was above the normal range for the three months prior to the site visit.

Remarks:
PEM wetland SP for WFW-07 below ordinary high water line (OHWL) of E. Fork Hylebos Creek along stream bench near OHWL LB-11. The stream has been heavily modified and is adjacent to a golf course. Soil deposition occurred on top of the decaying grass, further evidence of its recent deposition.

VEGETATION

Tree Stratum (Plot size: 1m radius)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 1m radius			
1. *Rubus armeniacus*	1%	No	FAC
2.			
3.			
4.			
5.			
	1% = Total Cover		
Herb Stratum (Plot size: 1m radius)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Ranunculus repens*	3%	No	FAC
3. *Equisetum telmateia*	2%	No	FACW
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 1m radius)			
1. *none*	0%		
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:

SOIL

Sampling Point: **WFW-07-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-4	10YR 2/2	100					L	
4-7	2.5Y 3/1	100					L	
7-9	5Y 4/1	100					SaL	decaying grass
9-20	10YR 4/1	100					CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils almost meet indicators F3 and A12, but lack redox features. Assumed to be hydric because it is a fluvial entisol with aquic moisture regime due to its position below the OHWL in the floodplain. Soil deposition from stream evident as decaying reed canarygrass only detected in layer 7-9 inches below ground surface. The deposition occurred on top of the decaying grass, further evidence of its recent deposition. Water inputs are low velocity from grounwater, stormwater pipes and runoff and do not show other deposition aside from soil buildup. Fluvial entisol may explain lack of hydric soil indicators. Strong hydrophytic vegetation and wetland hydrology support determination of wetland.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 12
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 11

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/6/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-07-SP2**

Investigator(s): Steve Kruger, Aaron Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.309893 Long: -122.302418 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): \rents, Alderwood material, 0 to 6 percent slope: - AmB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station. Precipitation was above the normal range for the three months prior to the site visit.

Remarks:
Upland SP for WFW-07 paired with WFW-07-SP1. SP is ~4m east and upslope of East Fork Hylebos Creek and 2m east of WFW-07-SP1.

VEGETATION

Tree Stratum (Plot size: 1m radius)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 1m radius)			
1. *Ilex aquifolium*	12%	Yes	FACU
2. *Rubus armeniacus*	5%	Yes	FAC
3.			
4.			
5.			
	17% = Total Cover		
Herb Stratum (Plot size: 1m radius)			
1. *Equisetum telmateia*	80%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot size: 1m radius)			
1. *none*	0%		
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-07-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 3/2	100					L	
7-20	10YR 5/3	100					GSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/16/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-07-SP3**

Investigator(s): Steve Krueger, Aaron Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.310171 Long: -122.302239 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): \rents, Alderwood material, 0 to 6 percent slope: - AmB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation X, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station. Precipitation was above the normal range for the three months prior to the site visit.

Remarks:
PSS SP for WFW-07. Located near pedestrian bridge ~2m east and upslope of E. Fork Hylebos Creek Tributary 0016A. The stream has been heavily modified and is adjacent to a golf course.
Vegetation within the wetland and also adjacent upland is dominated by the aggressive species, English ivy (Hedera helix), which would be considered problematic vegetation. Hydric soil indicators and hydrology indicators are both strong, supporting the assumption that vegetation is also hydric.

VEGETATION

Tree Stratum (Plot size: r=2m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Salix sitchensis*	80%	Yes	FACW
2. *Rubus armeniacus*	5%	No	FAC
3.			
4.			
5.			
	85% = Total Cover		
Herb Stratum (Plot size: r=1m			
1. *Equisetum telmateia*	5%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	5% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	95%	Yes	FACU
2.			
	95% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:
Vegetation within the wetland and also adjacent upland is dominated by the aggressive species, English ivy (*Hedera helix*), which would be considered problematic vegetation. Hydric soil indicators and hydrology indicators are both strong, supporting the assumption that vegetation is also hydric.

SOIL

Sampling Point: **WFW-07-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 3/2	100					SaL	
7-17	10YR 4/2	90	10YR 5/6	10	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- x Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- x Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- X Sediment Deposits (B2)
- X Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 16
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 11

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Hydrology check conducted on 03/02/2020: soils saturated to the surface, ground water table at 3 inches. Signs of riverine hydrology in immediate vicinity include drift deposits and sediment deposits.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/6/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-07-SP4**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.310178 Long: -122.302193 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 0 to 6 percent slopes - AmB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation X, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit.

Remarks:
upland SP for WFW-07. Near OHWM flag EH-RB11. East of WFW-07-SP3. Vegetation is naturally problematic due to presence of aggressive species, English ivy and Himalayan blackberry, dominate this area.

VEGETATION

Tree Stratum (Plot size: r=2m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Pseudotsuga menziesii*	40%	Yes	FACU
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	55%	Yes	FAC
2. *Rubus ursinus*	1%	No	FACU
3.			
4.			
5.			
	56% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Equisetum telmateia*	2%	No	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	2% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	98%	Yes	FACU
2.			
	98% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
Aggressive vegetation (English ivy and Himalayan blackberry) dominate this area.

SOIL

Sampling Point: **WFW-07-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 2/1	100					L	
7-11	10YR 3/2	80	10YR 4/2	20	D	M	GrSaL	
11-17	2.5YR 5/2	99	10YR 5/6	<1	C	M	GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Soils may be the result of prior disturbances

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way/King Sampling Date: 11/6/2019
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-08-SP1**
Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16
Landform (hillslope, terrace, etc.): stream bench Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.308060 Long: -122.302762 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 0 to 6 percent slopes - AmB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil X, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit.

Remarks:
PSS wetland SP for WFW-08. In SW section of wetland. Wetland is adjacent to E. Fork Hylebos Creek Trib 0016A. The stream is heavily modified and appears to be used as a constructed stormwater facility. Wetlands have developed at the edges.
Problematic Soil: Soil appears to be a fluvial entisol with aquic moisture regime; redoximorphic features are not evident.

VEGETATION

Tree Stratum (Plot size: r=1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=1m)			
1. *Salix lasiandra*	70%	Yes	FACW
2. *Rubus armeniacus*	20%	Yes	FAC
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Typha latifolia*	15%	No	OBL
3. *Ranunculus repens*	5%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-08-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-4	10YR 2/2	100					CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: quarry spalls

Depth (inches): 4.5

Hydric Soil Present? **Yes** X **No** ___

Remarks:

unable to dig past quarry spalls at 4.5" below ground surface. Stream has been heavily modified and appears to be used as a constructed stormwater facility. Soil under ordinary high water line in floodplain appears to be a fluvial entisol with aquic moisture regime; redoximorphic features are not evident. Recent deposition evident. Strong hydrophytic vegetation, geomorphic position on stream bench, significant organics in soils, and strong wetland hydrology indicators support determination as hydric soil.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
X Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): surface
Water Table Present?	Yes X	No ___	Depth (inches): surface
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-08-SP2**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Flat area Local relief (concave, convex, none): convex Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.308239 Long: -122.302792 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): \rents, Alderwood material, 0 to 6 percent slope - AmB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit.

Remarks:
upland SP to WFW-08-SP1 and SP3, located on fairway of golf course. SP is west of wetland and just outside the fence surrounding the wetland.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	30%	Yes	FAC
2. *Stellaria media*	15%	Yes	FACU
3. *Draba verna*	10%	No	NOL
4. *Trifolium repens*	2%	No	FAC
5. *Hypochaeris radicata*	1%	No	FACU
6. *Phalaris arundinacea*	1%	No	FACW
7. *Cirsium arvense*	1%	No	FAC
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 40%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
moss cover is 40%

SOIL

Sampling Point: **WFW-08-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-2	10YR 2/2	100					SaL	
2-19	2.5Y 4/2	100					GrSa	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

sample plot in golf fairway.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/6/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-08-SP3**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Stream bench Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.308250 Long: -122.302752 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): \rents, Alderwood material, 0 to 6 percent slope - AmB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil X, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit.

Remarks:
PEM wetland SP for WFW-08; located in NW section of wetland. Wetland associated with E. Fork Hylebos Creek Tributary 0016A and is adjacent to a golf course. The stream has been heavily modified, resulting in disturbed soils in riverine wetlands. Naturally problematic Soil: Soil under ordinary high water line in floodplain appears to be a fluvial entisol with aquic moisture regime; therefore, redoximorphic features are not evident.

VEGETATION

Tree Stratum (Plot size: 1m^2)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 1m^2)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1m^2)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Typha latifolia*	5%	No	OBL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 1m^2)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-08-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 2/2	100					CL	greasy

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: quarry spalls

Depth (inches): 7"

Hydric Soil Present? **Yes** X **No** ___

Remarks:

unable to dig past 7" due to dense quarry spalls. Stream has been heavily modified.
Soil under ordinary high water line in floodplain appears to be a fluvial entisol with aquic moisture regime; therefore, redoximorphic features are not evident. Recent deposition difficult to detect because water inputs are low velocity from grounwater, stormwater pipes and runoff. Strong hydrophytic vegetation, geomorphic position on stream bench, significant organics in soils, and strong wetland hydrology indicators support determination as hydric soil.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
X Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 1
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/6/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-09-SP1**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): stream bench Local relief (concave, convex, none): none Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.307276 Long: -122.302679 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 0 to 6 percent slopes - AmB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit.

Remarks:
PSS wetland SP for WFW-09. Approx. 3m east of E. Fork Hylebos Creek Tributary 0016A near ordinary high water line flag WH-LB34

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	50%	Yes	FAC
2. *Spiraea douglasii*	30%	Yes	FACW
3. *Fraxinus latifolia*	10%	No	FACW
4. *Rubus armeniacus*	5%	No	FAC
5. *Rubus ursinus*	5%	No	FACU
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Carex obnupta*	60%	Yes	OBL
2. *Phalaris arundinacea*	10%	No	FACW
3. *Ranunculus repens*	2%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	72% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 28%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-09-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-5	10YR 2/2	100					CL	
5-10	10YR 4/1	95	10YR 5/8	5	C	M	CL	
10-16	5Y 5/2	70	7.5YR 4/4	30	C	PL	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)

___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:
redox features along living roots between 10-16" BGS.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)

___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 11
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 8

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Oxidized rhisopheres observed at depths between 10 and 16 inches.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/6/2019
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-09-SP2**
Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16
Landform (hillslope, terrace, etc.): slope Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.307265 Long: -122.302611 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 0 to 6 percent slopes - AmB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit.

Remarks:
Upland SP for WFW-09. located approx. 5m east of E. Fork Hylebos Creek Tributary 0016A and approx. 2m east of WFW-09-SP1. This is an unusual spot within a golf course. The upland plot is located on a slope, 2 vertical feet above the wetland plot and was clearly not in contact with the water table. This location receives a lot of ongoing irrigation from the surrounding fairways, which is presumed to support the vegetation that extends upslope from the wetland. Despite meeting hydrophytic vegetation, and not quite meeting soils, there was no wetland hydrology despire wetter than normal conditions.

VEGETATION

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: r=3m)			
1. *Populus balsamifera*	20%	Yes	FAC
2. *Fraxinus latifolia*	10%	Yes	FACW
3.			
4.			
	30% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	70%	Yes	FAC
2. *Rubus ursinus*	2%	No	FACU
3.			
4.			
5.			
	72% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Carex obnupta*	80%	Yes	OBL
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** ____

Remarks:
Carex obnupta tolerates dry conditions, is densley rhizomotous and spreads easily. It's commonly found in upland areas adjacent to wetlands.

SOIL

Sampling Point: **WFW-09-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-9	10YR 3/2	100					CL	
9-18	10YR 3/2	90	10YR 5/6	5	C	M	CL	
			10YR 4/6	C	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:
does not meet F6 due to thickness

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
No hydrology despite wetter than normal conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/1/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP01**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): concave Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.305663 Long: -122.303589 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
PFO wetland SP in WFW-10, Unit B. Located west of E. Fork Hylebos Creek Trib 0016A (left bank) and under the ordinary high water line (OHWL).

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Thuja plicata*	70%	Yes	FAC
2. *Populus balsamifera*	20%	Yes	FAC
3. *Alnus rubra*	5%	No	FAC
4.			
	95% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Populus balsamifera*	10%	Yes	FAC
2. *Rubus spectabilis*	10%	Yes	FAC
3. *Fraxinus latifolia*	5%	Yes	FACW
4.			
5.			
	25% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Athyrium cyclosorum*	15%	Yes	FAC
2. *Carex obnupta*	10%	Yes	OBL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	25% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1. *Hedera helix*	100%	Yes	FACU
2.			
	100% = Total Cover		

% Bare Ground in Herb Stratum 75%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 7 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 88% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
Ground covered by English ivy, an aggressive, non-native species.

SOIL

Sampling Point: **WFW-10-SP01**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-11	10YR 2/2	100					L	some OM
11-16	10YR 3/2	100					GrL	gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

SP located within OHWL of a stream. Strong hydrophytic vegetation and wetland hydrology support determination of wetland area. Soils asumed to be hydric based on strong aquic moisture regime.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- x Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- x FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 4
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/1/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP02**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.305642 Long: -122.303664 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes ____	No X	
Wetland Hydrology Present?	Yes ____	No X	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
Upland SP for WFW-10, Unit B. Located upslope (west) of SP1 and E. Fork Hylebos Creek Trib 0016A.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Thuja plicata*	80%	Yes	FAC
2. *Alnus rubra*	20%	Yes	FAC
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	40%	Yes	FAC
2. *Mahonia nervosa*	3%	No	FACU
3.			
4.			
5.			
	43% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	50%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	50% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1. *Hedera helix*	60%	Yes	FACU
2.			
	60% = Total Cover		

% Bare Ground in Herb Stratum 50%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 60% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-10-SP02**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 2/2	100					L	
6-15	10YR 3/2	80					L	mixed matrix
6-15	10YR 3/6	20						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/20/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP03**

Investigator(s): Steve Krueger, Aaron Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): stream bench Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304418 Long: -122.303953 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes X	No ____	
Wetland Hydrology Present?	Yes X	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
PFO wetland SP for WFW10, Unit A. Located approx. 2m west of E. Fork Hylebos near OHWM flag RB5.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	80%	Yes	FAC
2. *Acer circinatum*	5%	No	FAC
3. *Rubus laciniatus*	5%	No	FACU
4. *Ilex aquifolium*	2%	No	FACU
5.			
	92% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Ranunculus repens*	1%	No	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	1% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 99%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:

SOIL

Sampling Point: **WFW-10-SP03**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 2/2	100					L	redox may be masked by organics
2-9	10YR 3/2	100					L	
9-12	10YR 4/2	100					SaL	
12-16	2.5Y 4/2	90	7.5Y 5/8	10	C	M	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- x Hydrogen Sulfide (A4)
- x Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Assumed to be hydric, with a problematic layer 9-12 (lots of organic masking)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- x High Water Table (A2)
- x Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- x Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 5.5
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP04**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304432 Long: -122.304019 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
Upland SP for WFW-10 Unit A. located west of East Fork Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer circinatum*	40%	Yes	FAC
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Acer circinatum*	20%	Yes	FAC
2. *Phalaris arundinacea*	15%	Yes	FACW
3. *Ilex aquifolium*	15%	Yes	FACU
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	15%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	15% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	90%	Yes	FACU
2.			
	90% = Total Cover		

% Bare Ground in Herb Stratum 5%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** _____ **No** **X**

Remarks:
leaf litter covering ground

SOIL

Sampling Point: **WFW-10-SP04**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/3	100					L	
7-17	10YR 4/6	80					GrL	mixed matrix
	10YR 4/3	20						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP05**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304213 Long: -122.303748 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
PFO wetland SP located within WFW-10, Unit B. SP located west of E. Fork Hylebos Creek Trib 0016A. Creek on parcel is channelized with concrete armoring.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	40%	Yes	FAC
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	45%	Yes	FAC
2. *Rubus armeniacus*	35%	Yes	FAC
3.			
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:
ground covered by leaf litter

SOIL

Sampling Point: **WFW-10-SP05**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 2/2	100					L	
3-11	10YR 3/2	95	10YR 4/6	5	C	M	GrL	
11-17	10YR 3/6	95	7.5YR 5/8	5	C	M	GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- x Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- x Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 14
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 10

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP06**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304181 Long: -122.303611 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
Upland SP for WFW-10, Unit B. Located upslope of wetland, west of E. Fork Hylebos Creek Trib 0016A

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	80%	Yes	FAC
2. *Rubus spectabilis*	20%	Yes	FAC
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-10-SP06**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					L	
5-16	10YR 3/2	98	10YR 4/6	2	C	M	GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP07**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): flat bench Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303639 Long: -122.303835 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
PFO wetland SP in WFW-10, Unit B. Located approx. 3 m east of OHWM of E. Fork Hylebos Creek Trib 0016A

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2. *Ranunculus repens*	7%	No	FAC
3. *Poa pratensis*	2%	No	FAC
4. *Galium aparine*	1%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-10-SP07**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					GrL	
5-16	10YR 2/2	95	10YR 4/6	5	C	M	GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- x Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- x High Water Table (A2)
- x Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- x FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 11
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 9

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP08**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): flat stream bench Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303661 Long: -122.303870 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
upland SP of WFW10, Unit B. Located approx. 6m east of E. Fork Hylebos Creek (and 3m east of wetland SP WFW10-SP5).

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	5%	Yes	FAC
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	45%	Yes	FAC
2. *Phalaris arundinacea*	35%	Yes	FACW
3. *Ranunculus repens*	18%	No	FAC
4. *Galium aparine*	2%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-10-SP08**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 2/2	100					GrL	
4-10	10YR 2/2	70					GrL	mixed matrix
	10YR 3/6	30					GrL	mixed matrix
10-16	10YR 3/6	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

appears to be fill material

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/5/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP09**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304739 Long: -122.303713 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
PFO wetland SP in WFW10, Unit C. SP positioned on a terrace to the east of E. Fork Hylebos Creek Trib 0016A

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	90%	Yes	FAC
2.			
3.			
4.			
	90% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	40%	Yes	FAC
2. *Rubus armeniacus*	15%	Yes	FAC
3. *Rubus ursinus*	15%	Yes	FACU
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	100%	Yes	FACU
2.			
	100% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 60% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-10-SP09**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-11	10YR 2/2	100					GrCL	
11-17	5Y 5/2	70	10YR 5/6	25	C	M	C	
			7.5YR 5/8	5	C	M	C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- x Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- x Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 11

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/5/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP10**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304735 Long: -122.303799 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November and within the normal range for visits within December. The month of November itself was drier than normal, and December itself was wetter than normal.

Remarks:
Upland SP in WFW-10, Unit C. SP positioned above stream terrace to the east of E. Fork Hylebos Creek Trib 0016A

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	40%	Yes	FAC
2. *Sambucus racemosa*	30%	Yes	FACU
3. *Rubus ursinus*	25%	Yes	FACU
4. *Rubus armeniacus*	5%	No	FAC
5. *Ilex aquifolium*	5%	No	FACU
	105% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	15%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	15% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	50%	Yes	FACU
2.			
	50% = Total Cover		

% Bare Ground in Herb Stratum 35%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** _____ **No** **X**

Remarks:
ground covered by leaf litter

SOIL

Sampling Point: **WFW-10-SP10**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-13	10YR 2/2	100					L	
13-17	10YR 3/3	95	7.5YR 4/6	5	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 1/21/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP11**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303131 Long: -122.303800 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was normal for the three months prior to the site visits in Janurary. The month of Decement was wet, November was dry and October was normal.

Remarks:
Upland SP to WFW-10 Unit C, SP located between driveway and stream bank east of East Hylebos Creek Trib 0016A

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Pseudotsuga menziesii*	70%	Yes	FACU
2.			
3.			
4.			
	70% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Agrostis* sp.	15%	No	FAC*
3. Hypochaeris radicata	3%	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	98% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 2%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** _____ **No** **X**

Remarks:
*presumed FAC

SOIL

Sampling Point: **WFW-10-SP11**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-15	10YR 2/2	100					GrSaL	cobbles
15-16	10YR 3/3	90	10YR 4/6	10	C	M	GrSaL	cobbles

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 1/21/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP12**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): convex Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303121 Long: -122.303895 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil X, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was normal for the three months prior to the site visits in Janurary. The month of Decement was wet, November was dry and October was normal.

Remarks:
WFW10-Unit C. Emergent sample point within PFO wetland vegetation unit. Located on right bank within floodplain near E. Hylebos RB401 OHWM flag, 3m north of double culvert within OHWLs.
Problematic Soil: lack of indicators but appears to be a fluvial entisol with aquic moisture regime. Geomorphic position, strong hydrophytic vegetation and wetland hydrology support determination of wetland area.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. none			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	20%	Yes	FAC
2.			
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	99%	Yes	FACW
2. *Ranunculus repens*	1%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. none			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-10-SP12**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 2/2	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

No hydric soil indicator met, SP located within the floodplain of a stream. Fluvial entisol with aquic moisture regime. Soil is hydric based on strong vegetation and hydrology indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 2"
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 1/21/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-10-SP13**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303221 Long: -122.303937 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil X, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was normal for the three months prior to the site visits in Janurary. The month of Decement was wet, November was dry and October was normal.

Remarks:
PFO wetland SP on right bank of East Hylebos Creek Trib 0016A, above OHWL.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	70%	Yes	FAC
2.			
3.			
4.			
	70% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	25%	Yes	FAC
2. *Rubus armeniacus*	20%	Yes	FAC
3.			
4.			
5.			
	45% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. none			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-10-SP13**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/1	100					L	slighly greasy
8-16	10YR 3/1	95	7.5YR 3/4	5	C	M	GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 8
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 7

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/1/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-11-SP1**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303850 Long: -122.302638 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
PFO wetland SP, located east of 24th Ave. S

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	40%	Yes	FAC
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus laciniatus*	25%	Yes	FACU
2. *Spiraea douglasii*	15%	Yes	FACW
3. *Lonicera involucrata*	10%	No	FAC
4. *Oemleria cerasiformis*	5%	No	FACU
5. *Cornus alba*	5%	No	FACW
	70%* = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Ranunculus repens*	15%	Yes	FAC
2. *Phalaris arundinacea*	5%	Yes	FACW
3. *Solanum dulcamara*	1%	No	FAC
4. *Geum macrophyllum*	1%	No	FAC
5. *Epilobium ciliatum*	1%	No	FACW
6.			
7.			
8.			
9.			
10.			
11.			
	23% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	10%	Yes	FACU
2.			
	10% = Total Cover		

% Bare Ground in Herb Stratum 67%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
* Fraxinus latifolia, 5%, no, FACW
* Rubus ursinus, 5%, no, FACU
ground covered by leaf litter

SOIL

Sampling Point: **WFW-11-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					L	
5-7	2.5Y 4/2	85	2.5Y 6/2	10	D	M	L	
			10YR 5/6	5	C	M	L	
7-16	10YR 6/2	65					L	
	10YR 4/2	20	10YR 4/6	15	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- x Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- x Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- x High Water Table (A2)
- x Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- x Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- x FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 6
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 4

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/1/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-11-SP2**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.303783 Long: -122.302703 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
upland SP of WFW11. SP located east of 24th Ave S

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer circinatum*	50%	Yes	FAC
2. *Pseudotsuga menziesii*	40%	Yes	FACU
3.			
4.			
	90%	= Total Cover	
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Gaultheria shallon*	60%	Yes	FACU
2. *Corylus cornuta*	15%	No	FACU
3. *Rubus laciniatus*	10%	No	FACU
4. *Symphoricarpos albus*	5%	No	FACU
5. *Mahonia nervosa*	2%	No	FACU
	93%*	= Total Cover	
Herb Stratum (Plot size: r=1m)			
1. *Chamaenerion angustifolium (dead)*	2%	No	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	2%	= Total Cover	
Woody Vine Stratum (Plot size: r=1m)			
1. *none*			
2.			
	0%	= Total Cover	

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
* Ilex aquifolium, 1%, No, FACU

SOIL

Sampling Point: **WFW-11-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 2/2	100					L	
2-5	7.5YR 2.5/2	100					L	
5-16	7.5YR 3/4	100					L	some gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-11-SP3**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): flat Local relief (concave, convex, none): none Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304059 Long: -122.302397 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
PEM wetland SP, located in NW corner of WFW11

VEGETATION

Tree Stratum (Plot size: r=1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=1m)			
1. *Rubus armeniacus*	5%	Yes	FAC
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	98%	Yes	FACW
2. *Ranunculus repens*	2%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-11-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 2/2	100					SaL	
2-10	10YR 3/2	90	10YR 5/6	10	C	M	SaL	
10-16	10YR 3/2	95	5Y 5/1	5	D	M	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
x Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

lots of large rock on surface

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
x High Water Table (A2)
x Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 4.5
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-11-SP4**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): road slope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.304125 Long: -122.302397 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 % slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
upland SP for WFW11, located approx. 2m east of 24th Ave S.

VEGETATION

Tree Stratum (Plot size: r=1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=1m)			
1. *Rubus armeniacus*	30%	Yes	FAC
2. *Rubus spectabilis*	5%	No	FAC
3.			
4.			
5.			
	35% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Schedonorus arundinaceus*	70%	Yes	FAC
2. *Ranunculus repens*	10%	No	FAC
3. *Galium aparine*	5%	No	FACU
4. *Phalaris arundinacea*	5%	No	FACW
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-11-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 3/2	100					L	
3-17	10YR 3/2	98	10YR 6/6	2	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/14/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-12-SP1**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): stream bench Local relief (concave, convex, none): none Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.307100 Long: -122.302974 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No x

Are Vegetation ____, Soil x, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
PEM wetland SP for WFW-12. Associated with East Fork Hylebos Creek Trib 0016A. Located at toe of slope near culvert OHWM flag EH-LB35 and 37.
Problematic soils: No hydric soils indicators, but rganics may be masking redox features, as well as fluvial entisol with aquic moisture regime

VEGETATION

Tree Stratum (Plot size: r=1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2. *Ranunculus repens*	5%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	95% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 5%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-12-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 2/2	100					CL	OM - roots
7-17	5Y 4/1	100					L	roots throughout

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
x Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Sample point is approximately 2m from wetted stream and is within the floodplain. The stream has been highly modified. Soils have high organic content. Fluvial entisol with aquic moisture regime. Strong hydrophytic vegetation and hydrology and geomorphic position support the determination of wetland.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
x High Water Table (A2)
x Saturation (A3)
x Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
x Geomorphic Position (D2)
___ Shallow Aquitard (D3)
x FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes x	No ___	Depth (inches): 7
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/14/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-12-SP2**

Investigator(s): S. Krueger, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.307101 Long: -122.302950 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
Upland SP for WFW-12. Located on fill slope near stream bench between OHWM flag LB36 and 37.

VEGETATION

Tree Stratum (Plot size: r=1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=1m)			
1. *Rubus armeniacus*	1%	No	FAC
2.			
3.			
4.			
5.			
	1% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Barbarea vulgaris*	5%	Yes	FAC
2. *Festuca rubra*	2%	Yes	FAC
3. *Ranunculus repens*	1%	no	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	8% = Total Cover		
Woody Vine Stratum (Plot size: r=1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 92%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-12-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-11	10YR 4/3	99	10YR 6/6	<1	C	M	GrL	
11-16	10YR 4/3	100					Sa	sm-med gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/26/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-13-SP1**

Investigator(s): A. Thom, A. Hoenig Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): ditch Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.302502 Long: -122.302818 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
PSS wetland SP in middle of ditch, which runs north-south parallel to I-5. It is located southeast of S 333rd St.

VEGETATION

Tree Stratum (Plot size: 85cm^2)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 85cm^2)			
1. *Rubus armeniacus*	5%	Yes	FAC
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot size: 85cm^2)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: 85cm x 1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-13-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					L	cobble and gravel
8-14	10YR 4/1	85	7.5YR 4/6	5	C	M	SaL	gravel
14-17	2.5Y 6/1	70	7.5YR 4/4	30	C	M	C	gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
x Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
x Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: clay and gravel compacted

Depth (inches): 17

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
x Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
x Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
x Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes x	No ___	Depth (inches): 8

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 11/26/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-13-SP2**

Investigator(s): A. Hoenig, M. Murphy Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.302510 Long: -122.302856 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
Upland SP for WFW-13. Located west of SP-1 and west of the wetland within the WSDOT I-5 ROW.

VEGETATION

Tree Stratum (Plot size: r=3m^2)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m^2)			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=1m^2)			
1. *Polystichum munitum*	25%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	25% = Total Cover		
Woody Vine Stratum (Plot size: r=2m^2)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 75%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WFW-13-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/1	100					SaL	
4-8	10YR 4/2	100					GSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: gravel

Depth (inches): 8"

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

dense gravel starts at 4", cannot excavate below 8"

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way/King Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-14-SP1**

Investigator(s): Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): slope Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.301029 Long: -122.304361 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation x , Soil _____ , or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____ , Soil _____ , or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was within the normal range for the three months prior to the site visit in December.

Remarks:
PEM wetland SP positioned in a swale that conveys water stormwater from the condo complex south to the East Fork Hylebos Creek Trib 0016A through a pipe. Vegetation is regularly maintained.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	55%	Yes	FAC
2. *Ranunculus repens*	30%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 15%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WFW-14-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 4/2	100					L	
3-13	2.5Y 4/2	90	7.5YR 5/8	10	C	M/PL	SaL	oxidiz. Rhizo.; cobbles

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
x Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: cobbles compaction

Depth (inches): 13

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
x Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
x Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
SP in swale that receives stormwater input. Oxidized rhizospheres at 3"

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way/King Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-14-SP2**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): slope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.300974 Long: -122.304379 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No x

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was within the normal range for the three months prior to the site visit in December.

Remarks:
Upland SP to WFW-14. Located to the east of SP-1 and east of the wetland. It is uplope of the swale. Vegetation regularly maintained and mowed.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	50%	Yes	FAC
2. *Pteridium aquilinum*	10%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 40%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** _____

Remarks:
vegetation regularly maintained and mowed.

SOIL

Sampling Point: **WFW-14-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 3/3	100					CL	
2-4	10YR 4/6	100					CL	
4-11	2.5Y 5/3	97	2.5Y 5/4	3	C	M	GrCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: compaction

Depth (inches): 11

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way/King Sampling Date: 12/3/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-14-SP3**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.300822 Long: -122.304254 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes x No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was within the normal range for the three months prior to the site visit in December.

Remarks:
Upland SP in slight depression north of S 336th St, east of wetland WFW-14, and west of the apartment building cross road.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Acer circinatum*	40%	Yes	FAC
2. *Rubus armeniacus*	40%	Yes	FAC
3.			
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** _____

Remarks:
leaf litter covering ground

SOIL

Sampling Point: **WFW-14-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-17	10YR 2/2	100					L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

No redoximorphic features were detected. No assumption of hydric soil because only supported by moderate hydrophytic vegetation but lacks wetland hydrology and geomorphic position.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No x	Depth (inches): ___
Water Table Present?	Yes ___	No x	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No x	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/5/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-15-SP1**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.301297 Long: -122.303442 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
PFO wetland SP is positioned on a terrace to the east of East Hylebos Creek Trib 0016A

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	90%	Yes	FAC
2.			
3.			
4.			
	90% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	40%	Yes	FAC
2. *Rubus armeniacus*	15%	Yes	FAC
3. *Rubus ursinus*	15%	Yes	FACU
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *None*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	100%	Yes	FACU
2.			
	100% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 60% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-15-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-11	10YR 2/2	100					GrCL	
11-17	5Y 5/2	70	10YR 5/6	25	C	M	C	
			7.5YR 5/8	5	C	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 11"

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 12/5/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-15-SP2**

Investigator(s): T. Parry, A. Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.301291 Long: -122.303605 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 0 to 8 percent slopes - AgB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in November.

Remarks:
SP is positioned above a stream terrace to the east.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	40%	Yes	FAC
2. *Sambucus racemosa*	30%	Yes	FACU
3. *Rubus ursinus*	25%	Yes	FACU
4. *Rubus armeniacus*	5%	No	FAC
5. *Ilex aquifolium*	5%	No	FACU
	105% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	15%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	15% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *Hedera helix*	50%	Yes	FACU
2.			
	50% = Total Cover		
% Bare Ground in Herb Stratum 35%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
____ 1 - Rapid Test for Hydrophytic Vegetation
____ 2 - Dominance Test is >50%
____ 3 - Prevalence Index is ≤3.0[1]
____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ 5 - Wetland Non-Vascular Plants[1]
____ Problematic Hydrophytic Vegetation (Explain)[1]
[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WFW-15-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-13	10YR 2/2	100					L	
13-17	10YR 3/3	95	7.5YR 4/6	5	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 3/2/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-16-SP1**
Investigator(s): Kaylee Moser, Adam Thom Section, Township, Range: T21N R04E S16
Landform (hillslope, terrace, etc.): Slope of ditch Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.313703 Long: -122.299546 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 6 to 15 percent slopes - AmC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in March.

Remarks:
Sample point is located in a vegetated roadside ditch west of on ramp to I-5 South. This sample point is a palustrine emergent sample point for WFW-16.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Festuca rubra*	50%	Yes	FAC
2. *Juncus effusus*	40%	Yes	FACW
3. *Poa pratensis*	30%	Yes	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	120% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:

SOIL

Sampling Point: **WFW-16-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	2.5Y 3/2	100					SiL	
7-16	2.5Y 5/1	85	10YR 4/6	15	C	M	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: gravelly silty clay loam-compacted

Depth (inches): 7

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- X Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 6

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Saturation between 5-7" on top of restrictive layer. Episaturated conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 3/2/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-16-SP2**

Investigator(s): Kaylee Moser, Adam Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Midslope of ditch Local relief (concave, convex, none): concave Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.313706 Long: -122.299526 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 6 to 15 percent slopes - AmC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in March.

Remarks:
This sample point is the upland paired SP with WFW-16-SP1. It occurs upslope and east of WFW-16-SP1.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Poa pratensis*	50%	Yes	FAC
2. *Dactylis glomerata*	30%	Yes	FACU
3. *Holcus lanatus*	15%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	95% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 5%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WFW-16-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10YR 3/2	100					GrSaL	
10-16	10YR 4/2	90	10YR 4/6	10	C	M	GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: compacted layer - road fill - gravel

Depth (inches): 10

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils are heavily compacted at 10 inches below the surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

soils dry throughout profile

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 3/2/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-16-SP3**

Investigator(s): Kaylee Moser, Adam Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.313112 Long: -122.299995 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 6 to 15 percent slopes - AmC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in March.

Remarks:
PSS wetland SP. SP located north of NE park and ride parking lot and ~100ft west of tower

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *Rubus armeniacus*	25%	Yes	FAC
2. *Spiraea douglasii*	40%	Yes	FACW
3. *Robinia pseudoacacia*	10%	No	FACU
4.			
5.			
	75% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Ranunculus repens*	40%	Yes	FAC
2. *Juncus effusus*	30%	Yes	FACW
3. *Poa pratensis*	10%	No	FAC
4. *Typha latifolia*	10%	No	OBL
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:

SOIL

Sampling Point: **WFW-16-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	2.5YR 3/2	100					SiL	
6-16	2.5YR 4/1	85	10YR 4/6	15	C	M	GrSiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 9
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Surface water was observed both upslope and downslope of this sample point.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: OMFS and TDLE City/County: Federal Way, King County Sampling Date: 3/2/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-16-SP4**

Investigator(s): Kaylee Moser, Adam Thom Section, Township, Range: T21N R04E S16

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.313068 Long: -122.300005 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Arents, Alderwood material, 6 to 15 percent slopes - AmC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in March.

Remarks:
Sample point is located 1 foot north of park and ride curb. Upland sample point to WFW-16-SP3. Remainder of grass strip south of fence determined wetland area. No No wetland hydrology at this location despite wetter than normal conditions.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Poa pratensis*	85%	Yes	FAC
2. *Stellaria media*	10%	No	FACU
3. *Draba verna*	5%	No	NOL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	110% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-16-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 2/1	100					L	
7-10	2.5Y 5/2	98	10YR 4/4	2	C	M	GrL	
10+								compacted

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: higly compacted gravelly loam

Depth (inches): 10

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
dry to10" BGS. No wetland hydrology despite wetter than normal conditions.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 2/27/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-17-SP1

Investigators: STORY Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Channel Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.292095 Long: -122.307587 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes X	No ____	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ____	**within a Wetland?** Yes X No ____

Remarks:

Sample plot meets 3 of 3 criteria, is located in wetland WFW-17.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Alnus rubra	30	Yes	FAC
2. Populus balsamifera	30	Yes	FAC
3.			
4.			
	60	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus spectabilis	60	Yes	FAC
2. Rosa pisocarpa	5	No	FAC
3. Rubus armeniacus	5	No	FAC
4.			
5.			
	70	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	7	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	7	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 93 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	4	(A)
Total Number of Dominant Species Across All Strata:	4	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	137	x3=	411
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	137 (A)		411 (B)

Prevalence Index = B/A= 3.00

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-17-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-11	10YR 3/2	100					Silt Loam	
11-18	10YR 4/1	90	10YR 4/6	10	C	M	Silt Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator A11, depleted below dark surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches):	___	
Water Table Present?	Yes X	No ___	Depth (inches):	1.0	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches):	0.0	

Wetland Hydrology Present? **Yes X No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets wetland hydrology indicators for saturation and high water table.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 12/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-17-SP2

Investigators: Danielski, Story Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Hillslope Local Relief (concave, convex, none): None Slope(%): 2

Subregion (LRR): A Lat: 47.292091 Long: -122.307617 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Wetland Hydrology Present?	Yes X	No ____	

Remarks:

Sample plot has 2 of 3 wetland indicators and lacks hydric soil; plot not located in a wetland. Upland sample plot for WFW-17. Site visit occurred outside of growing season. During the site visit, leaves had already dropped, and WETS table for Seattle Tacoma Airport, WA Station states that the median growing season occurs from 2/9 to 12/13.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Populus balsamifera	50	Yes	FAC
2. Alnus rubra	45	Yes	FAC
3.			
4.			
	95	= Total Cover	

Sapling/Shrub Stratum (Plot size: 3m)			
1. Lonicera involucrata	50	Yes	FAC
2. Rubus spectabilis	50	Yes	FAC
3.			
4.			
5.			
	100	= Total Cover	

Herb Stratum (Plot size: 1m)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
		= Total Cover	

Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 100 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	195	x3=	585
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	195 (A)		585 (B)

Prevalence Index = B/A= 3.00

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plots meets dominance test and prevalence index for hydrophytic vegetation. Hydrophytic species found in plot are primarily deep-rooted tree and shrub species that have access to a deeper water table.

SOIL

Sampling Point: WFW-17-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 2/2	100					Sandy Loam	
7-9	10YR 5/1	95	10YR 4/6	5	C	M	Sandy Loam	
9-15	10YR4/4	100					Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Gravels throughout. Sample plot lacks hydric soil indicators. Since the layer with depleted matrix is only 2 inches thick and starts at 7 inches, soil does not meet minimum thickness or depth requirements to qualify for hydric soil indicators A11 (depleted below dark surface) or F3 (depleted matrix). Soil below the depleted matrix is also very bright (4/4).

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	____	No	X	Depth (inches):	
Water Table Present?	Yes	X	No	____	Depth (inches):	6.0
Saturation Present? (includes capillary fringe)	Yes	X	No	____	Depth (inches):	2.0

Wetland Hydrology Present? **Yes** X **No** ____

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Saturated at 2, water table present at 6. Sample plot meets primary hydrology indicators for high water table and saturation.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 2/27/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-18-SP1

Investigators: STORY Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Channel Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.292809 Long: -122.306519 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: PFO

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes X	No ____	**Is the Sampled Area**
Wetland Hydrology Present?	Yes X	No ____	**within a Wetland?** Yes X No ____

Remarks:

Sample plot meets 3 of 3 criteria, is located in wetland WFW-18.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Alnus rubra	15	Yes	FAC
2.			
3.			
4.			
	15	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus spectabilis	15	Yes	FAC
2. Rubus armeniacus	5	Yes	FAC
3.			
4.			
5.			
	20	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Phalaris arundinacea	40	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 60 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	4	(A)
Total Number of Dominant Species Across All Strata:	4	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	40	x2=	80
FAC species	35	x3=	105
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	75 (A)		185 (B)

Prevalence Index = B/A= 2.47

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: WFW-18-SP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					Silt Loam	
5-18	10YR 4/2	95	10YR 4/6	5	C	M	Silty Clay Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

Sample plot meets hydric soil indicator F3, depleted matrix.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No ___	Depth (inches):	1.00
Water Table Present?	Yes	X	No ___	Depth (inches):	3.0
Saturation Present? (includes capillary fringe)	Yes	X	No ___	Depth (inches):	0.0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets wetland hydrology indicators for surface water, saturation and high water table.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 12/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: WFW-18-SP2

Investigators: Danielski Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Hillslope Local Relief (concave, convex, none): None Slope(%): 2

Subregion (LRR): A Lat: 47.292816 Long: -122.306473 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Wetland Hydrology Present?	Yes X	No ____	

Remarks:

Sample plot meets 2 of 3 wetland criteria and lacks hydric soils, is not located in a wetland. Upland plot for WFW 18. Site visit occurred outside of growing season.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	25	Yes	FAC
2. Salix scouleriana	20	Yes	FAC
3. Rubus ursinus	15	Yes	FACU
4.			
5.			
	60	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Phalaris arundinacea	10	Yes	FACW
2. Epilobium anagallidifolium	5	Yes	FACU
3. Polystichum munitum	2	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	17	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 68 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
Total Number of Dominant Species Across All Strata:	5	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	60	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	10	x2=	20
FAC species	45	x3=	135
FACU species	22	x4=	88
UPL species		x5=	0
Column Totals:	77 (A)		243 (B)

Prevalence Index = B/A= 3.16

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plot meets dominance test but not prevalence index for hydrophytic vegetation. Hydrophytic species found in plot are primarily deep-rooted tree and shrub species that have access to a deeper water table.

SOIL

Sampling Point: WFW-18-SP2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 2/2	100					Sandy Loam	
10-16	10YR 3/3	100					Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	___	No	X	Depth (inches):	___
Water Table Present?	Yes	X	No	___	Depth (inches):	12.0
Saturation Present? (includes capillary fringe)	Yes	X	No	___	Depth (inches):	4.0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets primary hydrology indicators for high water table and saturation.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/21/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-21-SP1**
Investigator(s): J. Wozniak, M. Murphy Section, Township, Range: T21N R04E S21
Landform (hillslope, terrace, etc.): floodplain Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.288658 Long: -122.308085 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
WFW-21-SP1 is identified as PSS (paulstrine scrub-shrub) under Cowardin classification. Sample point is located below ordinary high on West Hylebos Creek about 20 feet upstream of culvert outlet within an I-5 cloverleaf.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	20%	Yes	FAC
2. *Salix scouleriana*	10%	Yes	FAC
3.			
4.			
5.			
	30% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Solanum dulcamara*	40%	Yes	FAC
2. *Veronica americana*	30%	Yes	OBL
3. *Poa pratensis*	20%	Yes	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 10%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-21-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 3/2	80	7.5YR 4/6	20	C	M	GrL	
10-16	10YR 4/2	95	10YR 4/6	5	C	M	GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- X Water Marks (B1)
- X Sediment Deposits (B2)
- X Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 1
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/21/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-21-SP2**

Investigator(s): J. Wozniak, M. Murphy Section, Township, Range: T21N R04E S21

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.288638 Long: -122.308054 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
Sample point is located upslope and east of WFW-21-SP1 within an I-5 cloverleaf. Associated with E Fork Hylebos Creek Tributary 0016A. Paired upland SP to WFW-21-SP1.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus tremuloides*	40%	Yes	FACU
2. *Pseudotsuga menziesii*	20%	Yes	FACU
3.			
4.			
	60% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Gaultheria shallon*	40%	Yes	FACU
2. *Rubus ursinus*	20%	Yes	FACU
3. *Rubus spectabilis*	5%	No	FAC
4. *Rubus armeniacus*	5%	No	FAC
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Geranium robertianum*	40%	Yes	FACU
2. *Polystichum munitum*	20%	Yes	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WFW-21-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-1	10YR 2/1	100	none				L	
1-9	10YR 3/2	100	none				GrL	
9-15	10YR 4/2	95	10YR 4/6	5	C	M	Very GrL	
15-18	7.5YR 3/4	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/25/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-22-SP1**
Investigator(s): M. Murphy, A. Thom Section, Township, Range: T21N R04E S21
Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.290108 Long: -122.308639 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
PSS wetland SP. SP located in a roadside depression near off-ramp of I-5 south. Headed south on I-5 exit 142 B on east side of off ramp in a roadside "clover leaf".

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	10%	Yes	FAC
2.			
3.			
4.			
	10% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cornus alba*	15%	Yes	FACW
2. *Rubus armeniacus*	5%	Yes	FAC
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Poa pratensis*	40%	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 60%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
Spirea located on north and south end of the weltnad but not located in plot. 60% of plot is in standing water/ditches.

SOIL

Sampling Point: **WFW-22-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-5	10YR 2/1	100					L	
5-11	2.5Y 4/2	98	10YR 4/6	2	C	M	SaGrL	
11-15	2.5Y 5/2	80	10YR 5/8	20	C	M	VGrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- X Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 6
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 5

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/25/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-22-SP2**
Investigator(s): M. Murphy, A. Thom Section, Township, Range: T21N R04E S21
Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.290117 Long: -122.308600 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): lerwood gravelly sandy loam, 8 to 15 percent slo - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
SP-2 is located approximately 10 feet upslope of SP-1. SP is located on the side of a fill prism/WSDOT service road and serves as the upland paired SP to WFW-22-SP1. No wetland hydrology despite wetter than normal conditions.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Pseudotsuga menziesii*	10%	Yes	FACU
2. *Populus balsamifera*	5%	Yes	FAC
3. *Thuja plicata*	2%	No	FAC
4.			
	17% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cytisus scoparius*	5%	Yes	NOL
2. *Cornus alba*	5%	Yes	FACW
3. *Pseudotsuga menziesii*	2%	No	FACU
4. *Thuja plicata*	2%	No	FAC
5.			
	14% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Lupinus polyphylllus*	40%	Yes	FAC
2. *Holcus lanatus*	30%	Yes	FAC
3. *Schedonorus arundinaceus*	20%	Yes	FAC
4. *Festuca rubra*	10%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across All Strata: 7 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 71% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-22-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-2	10YR 4/2	100					SaL	
3-16	2.5Y 5/2	95	10YR 5/8	5	C	M	SaL	Cobbles
16-19	2.5Y 4/3	100					GrSa	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
soils moist but not saturated. No wetland hydrology despite wetter than normal conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/12/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-23-SP1**
Investigator(s): M. Murphy, P. Johnson Section, Township, Range: T21N R04E S28
Landform (hillslope, terrace, etc.): Ditch Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.281736 Long: -122.309886 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No ____**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM wetland SP. Sample point is located in a roadside ditch west of I-5 and south of mitigation area.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Agrostis capillaris*	89%	Yes	FAC
2. *Plantago lanceolata*	5%	No	FACU
3. *Taraxacum officinale*	5%	No	FACU
4. *Galium aparine*	1%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No ____**

Remarks:

SOIL

Sampling Point: **WFW-23-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 2/1	100					L	
2-12	2.5Y 5/2	95	2.5Y 4/4	5	C	M	GrSaL	
12-14+	2.5Y 4/2	95	10YR 4/4	5	CS	M	GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Road Fill

Depth (inches): 12

Hydric Soil Present? **Yes** X **No** ___

Remarks:

SP located on compacted road bed in a manmade ditch

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 1	
Water Table Present?	Yes X	No ___	Depth (inches): surface	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

surface water present in centerline of ditch

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/12/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-23-SP2**
Investigator(s): M. Murphy, P. Johnson Section, Township, Range: T21N R04E S28
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.281687 Long: -122.309923 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is located in a landscaped roadside shoulder about 16 feet above ditch. This sample point is the paired plot to WFW-23-SP1.

VEGETATION

Tree Stratum (Plot size: r=3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2x1m)			
1. *Rosa nutkana*	30%	Yes	FAC
2. *Holodiscus discolor*	30%	Yes	FACU
3.			
4.			
5.			
	60% = Total Cover		
Herb Stratum (Plot size: r=1x1m)			
1. *Eschscholzia californica*	35%	Yes	NOL
2. *Stellaria media*	20%	Yes	FACU
3. *Agrostis capillaris*	15%	No	FAC
4. *Senecio vulgaris*	15%	No	FACU
5. *Poa pratensis*	10%	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	95% = Total Cover		
Woody Vine Stratum (Plot size: r=2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 5%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 40% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WFW-23-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 2/1	100					L	
3+	2.5Y 4/4	100					GrSaL	restrictive layer, compact

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Road Fill

Depth (inches): 3

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/19/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-24-SP1**

Investigator(s): M. Murphy, P. Johnson Section, Township, Range: T21N R04E S29

Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.274656 Long: -122.314846 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PFO wetland SP. Sample point located within a depression that recieves stormwater via a higly incised and artificial channel conveying water from the I-5. No outlet was observed. Surrounding vegetation is native and disturbed upland vegetation.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
ground cover in water stained leaves.

SOIL

Sampling Point: **WFW-24-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					SiL	
8-18	10YR 4/2	80	10YR 4/6	20	C	PL/M	SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- X Water Marks (B1)
- X Sediment Deposits (B2)
- X Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- X Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- X Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- X Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

This area was visibly inundated approximately 1 week ago. Observed on past field visit.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/19/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-24-SP2**

Investigator(s): M. Murphy, P. Johnson Section, Township, Range: T21N R04E S29

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.274538 Long: -122.314827 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): lerwood gravelly sandy loam, 8 to 15 percent slop - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is located approximately 20 feet south of WFW24-SP1 and is the paired upland pit to WFW-24-SP1.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	50%	Yes	FAC
2.			
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-24-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 2/1	100					L	
5-11	10YR 3/2	100					L	
11-16	10YR 3/2	100					GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

X Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
X Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Despite meeting two secondary hydrology indicators, wetland hydrology not likely based on several reasons: lack of hydric soils, landform that drains water too quickly to form wetland conditions, no saturation despite a wetter than normal months of precipitation preceeding the fieldwork.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/19/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-25-SP1**

Investigator(s): M. Murphy, P. Johnson Section, Township, Range: T21N R04E S32

Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.271113 Long: -122.317318 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
WFW-25-SP1 is located in a localized depression on the west side of I-5 south. A large stormwater pond, located approximately 100 feet to the north, outlets through a drainage swale into WFW-25. This SP is associated with a paulstrine forested community.

VEGETATION

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: r=3m)			
1. *Populus balsamifera*	70%	Yes	FAC
2.			
3.			
4.			
	70% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	40%	Yes	FAC
2. *Oemleria cerasiformis*	30%	Yes	FACU
3. *Rosa nutkana*	20%	Yes	FAC
4. *Rubus laciniatus*	5%	No	FACU
5.			
	95% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	10%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 90%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-25-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 3/2	100					L	
10-16	10YR 4/1	90	10YR 3/6	10	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 12

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/19/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-25-SP2**

Investigator(s): M. Murphy, P. Johnson Section, Township, Range: T21N R04E S32

Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.271116 Long: -122.317249 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is the PFO wetland SP for WFW-25-SP1. This point is located within wetland about 1 foot away from standing water.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	85%	Yes	FAC
2.			
3.			
4.			
	85% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Spiraea douglasii*	35%	Yes	FACW
2. *Rubus armeniacus*	20%	Yes	FAC
3. *Oemleria cerasiformis*	5%	No	FACU
4.			
5.			
	60% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	60%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 40%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-25-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/2	100					L	
7-16	5Y 5/1	75	7.5YR 4/6	25	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- X Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- X Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): surface	
Water Table Present?	Yes X	No ___	Depth (inches): 3	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/18/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-26-SP1**

Investigator(s): Matt Murphy, Kaylee Moser Section, Township, Range: T21N R04E S28

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.283095 Long: -122.310401 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
Upland SP. Sample point is located upslope of the western boundary of Wetland WFW-26. Recently restored area.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	25%	Yes	FAC
2.			
3.			
4.			
	25% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cornus alba*	30%	Yes	FACW
2. *Oemleria cerasiformis*	25%	Yes	FACU
3. *Populus balsamifera*	20%	Yes	FAC
4. *Rosa nutkana*	15%	No	FAC
5. *Sambucus racemosa*	10%	No	FACU
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Epilobium ciliatum*	60%	Yes	FACW
2. *Ranunculus repens*	5%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	65% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 35%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	0
FACW species ____	x 2 =	
FAC species ____	x 3 =	
FACU species ____	x 4 =	
UPL species ____	x 5 =	
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-26-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 2/1	100					L	
3-16	2.5Y 4/2	60	2.5Y 4/3	10	C	M	GrL	faint concentrations
			10YR 4/1	30	D	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Redox concentrations are too faint to meet for indicator F3.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/18/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-26-SP2**

Investigator(s): Matt Murphy, Kaylee Moser Section, Township, Range: T21N R04E S28

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.283131 Long: -122.310326 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): lerwood gravelly sandy loam, 8 to 15 percent slop - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
PFO wetland SP. Sample point is located on eastern hillslope facing the I-5. Recently restored area/mitigation area.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	25%	Yes	FAC
2.			
3.			
4.			
	25% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cornus alba*	100%	Yes	FACW
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
Bare ground contained leaf litter spread throughout.

SOIL

Sampling Point: **WFW-26-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 2/1	100					L	
6-10	2.5Y 5/2	60	2.5Y 5/1	30	D	M	GrL	
			10YR 4/6	10	C	M		
10-16	2.5Y 6/2	60	7.5YR 4/6	40	C	M	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Compacted Clay

Depth (inches): 10

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 3

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

The restrictive layer present at 10 inches caused water to pond. No water table detected, but because saturation does not need to be connected to water table, as per US COE Delineation Manual: Western Mountain Valley and Coast Region, wetland hydrology criteria are met.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/18/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-26-SP3**

Investigator(s): Matt Murphy, Kaylee Moser Section, Township, Range: T21N R04E S28

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.283063 Long: -122.310548 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
Sample point is located on the edge of the restoration area and cleared lot, NE from the cul-de-sac entrance.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	20%	Yes	FAC
2. *Alnus rubra*	20%	Yes	FAC
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cornus alba*	50%	Yes	FACW
2. *Oemleria cerasiformis*	30%	Yes	FACU
3. *Symphoricarpos albus*	20%	No	FACU
4. *Alnus rubra*	10%	No	FAC
5. *Pseudotsuga menziesii*	5%	No	FACU
	115% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Agrostis capillaris*	80%	Yes	FAC
2. *Poa pratensis*	15%	No	FAC
3. *Tolmiea menziesii*	5%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-26-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 3/2	100					L	
3-7	2.5Y 4/3	90	10YR 3/6	10	C	M	GrL	
7-14	10YR 3/3	95	10YR 4/6	5	C	M	GrL	
14-18	10YR 3/4	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/6/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-27-SP1**
Investigator(s): K. Moser, M. Murphy Section, Township, Range: T21N R04E S28
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): 5-10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.282754 Long: -122.310158 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is located along western edge of WFW-27. Sample point is in the PFO Cowardin class.

VEGETATION

Tree Stratum (Plot size: 1x3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	50%	Yes	FAC
2.			
3.			
4.			
	50% = Total Cover		
Sapling/Shrub Stratum (Plot size: 1x2m)			
1. *Rubus armeniacus*	30%	Yes	FAC
2. *Populus balsamifera*	10%	No	FAC
3. *Thuja plicata*	10%	No	FAC
4. *Alnus rubra*	20%	Yes	FAC
5.			
	70% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 100%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-27-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 2/1	100					L	
6-15	2.5YR 5/2	90	10YR 5/4	10	C	M	SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___		
Water Table Present?	Yes X	No ___	Depth (inches): 1		
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface		

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way, King County Sampling Date: 2/6/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-27-SP2**
Investigator(s): K. Moser, M. Murphy Section, Township, Range: T21N R04E S28
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.282741 Long: -122.310151 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 percent slopes - AgC - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point 2 is the paired upland plot associated with WFW-27. It is located on the fill pad for the tower structure.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	40%	Yes	FAC
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Alnus rubra*	30%	Yes	FAC
2. *Rubus armeniacus*	30%	Yes	FAC
3. *Thuja plicata*	10%	No	FAC
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Agrostis sp*	90%	Yes	FAC*
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 10%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*presumed FAC

SOIL

Sampling Point: **WFW-27-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	2.5YR 4/1	100					L	
7-9	2.5YR 4/1	95	10YR 4/4	5	C	M	SaL	
9+	compacted						GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: severely compacted soils

Depth (inches): 9

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Sample pit was collected on a compacted fill pad. This area is not wetland; it has been graded and flattened to support the communications tower located adjacent to the site. Although there are some redox features in the fill material, immediately above the compacted layer, the lack of wetland hydrology or water table suggests this color transformation is not due to hydric soil processes.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	
Water Table Present?	Yes ___	No X	Depth (inches): ___	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): top 2" only	

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Recent heavy precipitation caused near surface saturation (only top 2", not below). However, despite a restrictive layer at 9", no water table was observed..

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 18, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-34-SP1**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.280983 Long: -122.322540 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Everett-Alderwood gravelly sandy loams - EwC - None NWI classification: PEM
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland Sampling Point (SP); paired with WFW-34-SP2.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	40%	Yes	FAC
2. *Salix lasiandra*	5%	No	FACW
3.			
4.			
	45% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Salix lasiandra*	60%	Yes	FACW
2. *Rubus spectabilis*	50%	Yes	FAC
3. *Rubus armeniacus*	30%	Yes	FAC
4.			
5.			
	140% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Equisetum telmateia*	20%	Yes	FACW
2. *Urtica dioica*	5%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	25% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 75%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-34-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 18	10 YR 3/2	100					L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 18, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-34-SP2**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.281016 Long: -122.322503 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Everett-Alderwood gravelly sandy loams - EwC - None NWI classification: PEM
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil Y, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland sample point associated with North Fork Hylebos and paired with upland pit WFW-34-SP1. No hydric soil indicators, but dark organics may be masking redox features. Strong hydrophytic vegetation and hydrology indicators support the determination of wetland.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Salix lasiandra*	30%	Yes	FACW
2.			
3.			
4.			
	30% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus spectabilis*	30%	Yes	FAC
2. *Salix lasiandra*	30%	Yes	FACW
3. *Rubus armeniacus*	10%	No	FAC
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2. *Equisetum telmateia*	10%	No	FACW
3. *Urtica dioica*	5%	Yes	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	105% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WFW-34-SP2

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 18	10 YR 2/1	100					SiL	High organics

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

Soils are dark have high organic content that may mask redox.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 7
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 19, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-36-SP1**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.280432 Long: -122.323855 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Everett-Alderwood gravelly sandy loams - EwC - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Seep wetland. PFO wetland sample point.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	40%	Yes	FAC
2. *Rubus spectabilis*	10%	Yes	FAC
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Ranunculus repens*	80%	Yes	FAC
2. *Equisetum telmateia*	20%	Yes	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WFW-36-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 14	2.5 Y 3/1	85	7.5 YR 4/6	15	C	M,PL	SaClL	
14 -16	2.5 Y 3/1	75	5 YR 4/6	25	C	M	SaClL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- X Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 9
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 2

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 19, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-36-SP2**
Investigator(s): Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.280410 Long: -122.323928 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Everett-Alderwood gravelly sandy loams - EwC - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland sampling point paired with WFW-34-SP1 located 2 feet in elevation above SP1.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	60%	Yes	FAC
2. *Aesculus hippocastanum*	40%		NOL
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus spectabilis*	50%	Yes	FAC
2. *Rubus armeniacus*	10%	No	FAC
3. *Sambucus racemosa*	5%	No	FACU
4.			
5.			
	65% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Ranunculus repens*	30%	Yes	FAC
2. *Oemleria cerasiformis*	20%	Yes	FACU
3. *Polystichum munitum*	10%	No	FACU
4. *Equisetum telmateia*	5%	No	FACW
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	65% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 35%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** _____

Remarks:

SOIL

Sampling Point: **WFW-36-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 13	10 YR 2/2	100					SiL	
13 - 17	2.5 Y 5/2	95	7.5 YR 4/6	5	C	M	C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	
Water Table Present?	Yes X	No ___	Depth (inches): 17	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 13	

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 19, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-36-SP3**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: ?
Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: ? Long: ? Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): ? - ? - ? NWI classification: ?
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PEM WL within WFW-36, close to South Pacific Highway (1-2 feet from road).

VEGETATION

Tree Stratum (Plot size: 3m x 1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m x 1m)			
1. *Rubus armeniacus*	15%	Yes	FAC
2.			
3.			
4.			
5.			
	15% = Total Cover		
Herb Stratum (Plot size: 1m x 1m)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Equisetum telmateia*	10%	No	FACW
3. *Galium aparine*	5%	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	110% = Total Cover		
Woody Vine Stratum (Plot size: 2m x 1m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-36-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 9	10 YR 2/1	100					SiL	
9 - 16	2.5 Y 3/1	80	7.5 Y 4/6	20	C	M	GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Dark soils mask redox

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 10
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 19, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-36-SP4**

Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: ?

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 5-10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: ? Long: ? Datum: NAD 83

Soil Unit (Name-ID-Hydric Rating): ? - ? - ? NWI classification: ?

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)

Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland paired plot with SP3; 2.5 feet above WFW-36.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *None*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1.			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 100%			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-36-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10 YR 2/2	100					GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Lots of roots from Alnus rubra were observed.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-37-SP1**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.269634 Long: -122.331682 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Sample point within WFW-37; PFO cowardin.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Prunus emarginata*	50%	Yes	FACU
2.			
3.			
4.			
	50% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	20%	Yes	FAC
2.			
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Athyrium cyclosorum*	40%	Yes	FAC
2. *Solanum dulcamara*	20%	Yes	FAC
3. *Equisetum telmateia*	15%	No	FACW
4. *Phalaris arundinacea*	10%	No	FACW
5. *Cardamine oligosperma*	10%	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	95% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 5%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WFW-37-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 4	2.5 Y 3/1	100					SiL	With organics
4 - 11	5 GY 3/1	95	10 YR 4/3	5	C	M	SiL	
11 - 16	5 G 4/2	90	10 YR 5/6	10	C	PL, M	SiC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 9
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Oxidized phizospheres along living roots at 11 inches below surface.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-37-SP2**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.269646 Long: -122.331709 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Fill slope with little vegetation. Paired upland point to WFW-37-SP1

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Equisetum telmateia*	10%	No	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 90%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes **X** No ____

Remarks:

SOIL

Sampling Point: **WFW-37-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10 YR 3/1	100				GrSaL		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-37-SP3**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): ____
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.268127 Long: -122.332824 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Sample point is PSS cowardin for WFW-37.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Spiraea douglasii*	80%	Yes	FACW
2. *Rosa nutkana*	20%	Yes	FAC
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *None*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 100%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WFW-37-SP3

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10 YR 4/2	70	7.5 YR 5/8	15	C	M	CL	
			2.5 Y 5/1	15	D	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 4
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-37-SP4**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.268143 Long: -122.332848 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland pit approximatly 2.50 feet higher than wetland pit. PSS cowardin for WFW-37. Paired upland pit to WFW-37-SP3.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Spiraea douglasii*	50%	Yes	FACW
2. *Rosa nutkana*	40%	Yes	FAC
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *None*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 100%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-37-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	7.5 YR 2.5/2	100					GrSiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 9, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-37-SP5**
Investigator(s): Amanda Weiss and Claire Hoffman Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.269613 Long: -122.330338 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham Silt Loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation no, Soil no, or Hydrology no significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation no, Soil no, or Hydrology no naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Sample point in 2 to 3 feet of standing water in pond feature that is part of the broader wetland. Abrupt edge/pond in residence's backyard. PEM cowardin class.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Lonicera involucrata*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Iris pseudacorus*	20%	Yes	OBL
2. *Typha angustifolia*	20%	Yes	OBL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 60%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WFW-37-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
X Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Sample point located in 2 to 3 feet of standing water of a pond feature that is part of the broader wetland. Inundated soils not observed, presumed hydric based on on strong hydrophtic vegetation and wetland hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
X Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 30	
Water Table Present?	Yes X	No ___	Depth (inches): Surface	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 9, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-37-SP6**
Investigator(s): Amanda Weiss and Claire Hoffman Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.269668 Long: -122.330416 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham Silt Loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation no, Soil no, or Hydrology no significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation no, Soil no, or Hydrology no naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No X
Hydric Soil Present?	Yes X	No ____	
Wetland Hydrology Present?	Yes ____	No X	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Sample point on mowed, maintained lawn. Paired with SP5

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Poa annua*	90%	Yes	FAC
2. *Ranunculus repens*	10%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)
Prevalence Index = B/A =		

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-37-SP6**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 14	2.5 Y 3/1	90	2.5 Y 4/1	10	D	M	SiC	
14 - 16	5 Y 6/1	60	10 YR 6/6	5	C	M	C	
	2.5 Y 4/1	35					C	Mixed-matrix

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 24, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-38-SP1**
Investigator(s): Aaron Thom and Shelby Petro Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.279622 Long: -122.324288 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellinghan silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland SP paired with WFW-38-SP2.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2. *Populus balsamifera*	10%	No	FAC
3.			
4.			
	110% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus spectabilis*	20%	Yes	FAC
2. *Rubus armeniacus*	5%	Yes	FAC
3.			
4.			
5.			
	25% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Equisetum telmateia*	80%	Yes	FACW
2. *Ranunculus repens*	40%	Yes	FAC
3. *Carex leptopoda*	10%	No	FAC
4. *Galium aparine*	5%	No	FACU
5. *Stellaria longifolia*	5%	No	FACW
6. *Tellima grandiflora*	5%	No	FACU
7. *Phalaris arundinacea*	5%	No	FACW
8. *Polystichum munitum*	5%	No	FACU
9.			
10.			
11.			
	155% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WFW-38-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 12	10 YR 2/2	100					L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Fill, roches, concrete, cobble

Depth (inches): 12

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 24, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-38-SP2**
Investigator(s): Aaron Thom and Shelby Petro Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.279557 Long: -122.324228 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland paired with WFW-38-SP1.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus spectabilis*	80%	Yes	FAC
2. *Lonicera involucrata*	30%	Yes	FAC
3.			
4.			
5.			
	110% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Maianthemum dilatatum*	30%	No	FAC
2. *Lysichiton americanus*	5%	No	OBL
3. *Equisetum telmateia*	5%	No	FACW
4. *Athyrium cyclosorum*	5%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	45% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 55%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WFW-38-SP2

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 18	10 YR 2/1	100					Muck	Greasy

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- X Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

Muck observed.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 10
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: 5/30/2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-39-SP1**
Investigator(s): Anna Hoenig and Shelby Petro Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.275553 Long: -122.326169 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Shalcar muck - Sm - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation no, Soil no, or Hydrology no significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation no, Soil no, or Hydrology no naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland paned pit.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	50%	Yes	FAC
2. *Populus balsamifera*	25%	Yes	FAC
3.			
4.			
	75% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	75%	Yes	FAC
2. *Reynoutria japonica*	25%	Yes	FACU
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *None*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 100%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-39-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10 YR 3/2	100					Loam	Cobble, gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: 5/30/2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-39-SP2**
Investigator(s): Anna Hoenig and Shelby Petro Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.275475 Long: -122.326261 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Shalcar muck - Sm - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation no, Soil no, or Hydrology no significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation no, Soil no, or Hydrology no naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland, paired with SP1

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Reynoutria japonica*	20%	Yes	FACU
2.			
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Carex leptopoda*	100%	Yes	FAC
2. *Urtica dioica*	10%	No	FAC
3. *Equisetum telmateia*	5%	No	FACW
4. *Solanum dulcamara*	5%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	120% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WFW-39-SP2

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10 YR 2/2	100					Muck	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- X Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: 5/31/2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-39-SP3**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 5-10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.277987 Long: -122.324172 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland SP paired with WFW-39-SP4.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	60%	Yes	FAC
2. *Populus balsamifera*	10%	No	FAC
3.			
4.			
	70% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Corylus cornuta*	40%	Yes	FACU
2. *Rubus spectabilis*	30%	Yes	FAC
3. *Acer circinatum*	20%	Yes	FAC
4. *Rubus armeniacus*	10%	No	FAC
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Tellima grandiflora*	5%	Yes	FACU
2. *Equisetum telmateia*	2%	Yes	FACW
3. *Polystichum munitum*	2%	Yes	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	9% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 91%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across All Strata: 7 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 71% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-39-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 10	6 YR 3/2	100					L	
10 - 18	10 YR 4/2	100					L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: 5/31/2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-39-SP4**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): 0 Local relief (concave, convex, none): Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.277976 Long: -122.324113 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland SP, northside of fill.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	80%	Yes	FAC
2.			
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus spectabilis*	60%	Yes	FAC
2. *Acer circinatum*	30%	Yes	FAC
3. *Rubus armeniacus*	5%	No	FAC
4.			
5.			
	95% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Lysichiton americanus*	50%	Yes	OBL
2. *Maianthemum dilatatum*	15%	Yes	FAC
3. *Equisetum telmateia*	15%	Yes	FACW
4. *Athyrium cyclosorum*	5%	Yes	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 15%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 7 (A)
Total Number of Dominant Species Across All Strata: 7 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WFW-39-SP4

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 6	10 YR 2/1	100					L	
6 - 18	5 Y 4/1	90	7.5 YR 4/6	10	C	PL/M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 14"

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-42-SP1**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): slope Local relief (concave, convex, none): none Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A) Lat: 47.277202 Long: -122.324969 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** **No X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland paired SP to WFW-42-SP2.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	25%	Yes	FAC
2.			
3.			
4.			
	25% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	60%	Yes	FAC
2.			
3.			
4.			
5.			
	60% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2. *Polystichum munitum*	10%	No	FACU
3. *Galium aparine*	10%	No	FACU
4. *Cirsium arvense*	3%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	113% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X No**

Remarks:

SOIL

Sampling Point: WFW-42-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	10 YR 3/2	100					SaL	Gravel
6-16	2.5 Y 4/3	95	2.5 Y 5/6	5	C	M	SaL	Gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? Yes ___ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-42-SP2**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): 0 Local relief (concave, convex, none): Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A) Lat: 47.277254 Long: -122.325009 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PEM wetland SP.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *None*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)
Prevalence Index = B/A =		

Hydrophytic Vegetation Indicators:
X 1 - Rapid Test for Hydrophytic Vegetation
X 2 - Dominance Test is >50%
3 - Prevalence Index is ≤3.0[1]
4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
5 - Wetland Non-Vascular Plants[1]
Problematic Hydrophytic Vegetation (Explain)[1]
[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WFW-42-SP2

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10 YR 3/2	95	7.5 YR 5/6	5	C	M/PL	SaL	Gravel
10-16	2.5 Y 5/2	95	7.5 RY 5/8	5	C	M	SaL	Gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 7

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Flag B8 adjacent.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 14, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-43-SP1**

Investigator(s): Amanda Weiss and Anna Hoenig Section, Township, Range: 29, 21N, 4E

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.274798 Long: -122.327659 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Norma sandy loam - No - Hydric NWI classification: PFOC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No ____ (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland. Paired with WFW43-SP2.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	60%	Yes	FAC
2.			
3.			
4.			
	60% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Rubus armeniacus*	30%	Yes	FAC
2. *Rosa nutkana*	20%	Yes	FAC
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Athyrium cyclosorum*	60%	Yes	FAC
2. *Equisetum telmateia*	40%	Yes	FACW
3. *Solanum dulcamara*	10%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	110% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WFW-43-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	10YR 2/1	100					mucky mineral	
6-18	10YR 2/1	95	7.5YR 2.5/3	5	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 7
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 14, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-43-SP2**

Investigator(s): Amanda Weiss and Anna Hoenig Section, Township, Range: 29, 21N, 4E

Landform (hillslope, terrace, etc.): Slope Local relief (concave, convex, none): concave Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.274714 Long: -122.327648 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - None NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No ____ (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Hydric Soil Present?	Yes ____	No X	
Wetland Hydrology Present?	Yes ____	No X	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WFW43-SP2 is the upland sample point, paired with WFW43-SP1.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer macrophyllum*	70%	Yes	FACU
2. *Pseudotsuga menziesii*	10%	No	FACU
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Rubus armeniacus*	25%	Yes	FAC
2. *Symphoricarpos albus*	20%	Yes	FACU
3. *Rosa nutkana*	10%	No	FAC
4. *Rubus ursinus*	20%	Yes	FACU
5.			
	75% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Polystichum munitum*	80%	Yes	FACU
2. *Equisetum telmateia*	5%	No	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 15%			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 20% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes ____ No X

Remarks:

SOIL

Sampling Point: **WFW-43-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-16	10YR 3/2	100					SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 14, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-44-SP1**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 29, 21N, 4E
Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.272031 Long: -122.330008 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No X
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PEM wetland along SR 99, paralleling road. Paired with WFW44-SP2.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Equisetum telmateia*	5%	No	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 15%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
X 1 - Rapid Test for Hydrophytic Vegetation
X 2 - Dominance Test is >50%
___ 3 - Prevalence Index is ≤3.0[1]
___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ 5 - Wetland Non-Vascular Plants[1]
___ Problematic Hydrophytic Vegetation (Explain)[1]
[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WFW-44-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-9	2.5Y 3/1	98	10YR 4/4	2	C	M	SaL	
9-16	10YR 3/1	98	10YR 4/4	2	C	M	Lsa	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- X Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 9
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 1

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 14, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-44-SP2**

Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 29, 21N, 4E

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.272040 Long: -122.330081 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Hydric Soil Present?	Yes _____	No **X**	
Wetland Hydrology Present?	Yes _____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WFW44-SP2 is the paired upland sample point to WFW44-SP1.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	20%	Yes	FAC
2.			
3.			
4.			
	20% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Oemleria cerasiformis*	20%	Yes	FACU
2. *Rubus armeniacus*	40%	Yes	FAC
3. *Rosa woodsii*	10%	No	FACU
4. *Rubus spectabilis*	20%	Yes	FAC
5. *Symphoricarpos albus*	10%	No	FACU
	100% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Phalaris arundinacea*	60%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 40%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** _____

Remarks:

SOIL

Sampling Point: **WFW-44-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-16	10YR 3/2	100					CoGrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / Pierce County Sampling Date: June 15, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-45-SP1**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.267707 Long: -122.332821 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Sample point is within WFW-45, PFO wetland. Wetland sample point paired to WFW45-SP2.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	60%	Yes	FACW
2. *Malus xdomestica*	40%	Yes	NOL
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Lonicera involucrata*	20%	Yes	FAC
2. *Rosa nutkana*	20%	Yes	FAC
3.			
4.			
5.			
	40% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Carex species*	60%	Yes	FAC*
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 40%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
*Carex species is presumed FAC

SOIL

Sampling Point: **WFW-45-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10YR 2/1	97	10YR 4/4	3	C	M, PL	CL	
10-16	10YR 5/1	75	10YR 5/6	25	C	M, PL	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
_X_ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
_X_ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
_X_ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
_X_ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / Pierce County Sampling Date: June 15, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-45-SP2**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.267735 Long: -122.332720 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland sample point pair to WFW45-SP1.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	80%	Yes	FACW
2.			
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Rosa nutkana*	90%	Yes	FAC
2.			
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Polystichum munitum*	80%	Yes	FACU
2. *Rubus laciniatus*	10%	No	FACU
3. *Lathyrus latifolius*	5%	No	NOL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	95% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 5%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes **X** No ____

Remarks:

SOIL

Sampling Point: **WFW-45-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-12	10YR 4/1	99	10YR 5/6	1	C	M	CL	
12-16	10YR 5/1	90	10YR 5/8	10	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: July 12, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-46-SP1**
Investigator(s): Amanda Weiss and Shelby Petro Section, Township, Range: 32, 21N, 4E
Landform (hillslope, terrace, etc.): toe of slope Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.269846 Long: -122.332020 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** Yes X No ____
Hydric Soil Present?	Yes X	No ____	
Wetland Hydrology Present?	Yes X	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PSS Wetland, paired with SP2

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	10%	Yes	FAC
2. *Fraxinus latifolia*	10%	Yes	FACW
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Geranium robertianum*	30%	Yes	FACU
2. *Athyrium cyclosorum*	5%	No	FAC
3. *Carex obnupta*	5%	No	OBL
4. *Solanum dulcamara*	5%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	45% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 55%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WFW-46-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10 YR 2/1	100					Mucky L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- X Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 10
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: July 12, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WFW-46-SP2**

Investigator(s): Amanda Weiss and Shelby Petro Section, Township, Range: 32, 21N, 4E

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.269835 Long: -122.332013 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)

Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
upland located on fill slope adjacent to the road, paired with SP1

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Geranium robertianum*	5%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	5% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 95%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes ____ No **X**

Remarks:
Within the herb stratum, there was only 5% herbaceous plant cover. Most of the ground within the plot was bare, likely due to shading from Himalayan blackberry (Rubus armeniacus), an invasive plant species that outcompetes native vegetation. The bare ground was covered with leaf and blackberry cane detritus.

SOIL

Sampling Point: **WFW-46-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 16	10YR 2/1	100					GrL	cobbles

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

The high content of gravel in the soil indicates that it is likely fill from the weigh station and SR 99. In contrast, adjacent soils within the wetland are a mucky loam (see WFW-46-SP1), which is a common soil type observed in wetlands within the corridor. Despite low value and chroma, these soils are not hydric, because they lack sufficient wetland hydrology to develop anaerobic conditions.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): >16"
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16"

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

This upland soil pit is located topographically above the wetland. No water table or soil saturation was observed within the 16" deep soil pit, and no other hydrology indicators were observed. Climatic conditions were within the normal range during the site visit.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 02/04/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-02-SP1**

Investigator(s): A. Thom, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 5-10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258337 Long: -122.329987 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
The PEM wetland sample point is located at the toe-of-slope adjacent to I-5, south of West Hylebos Creek, in WMI-02 which is associated with SWF-01.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	55%	Yes	FAC
2.			
3.			
4.			
5.			
	55% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-02-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/1	100	none				L	
8-16	10YR 4/1	80	5Y 6/2	15	D	M	SiCL	
			7.5YR 4/4	5	C	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 13
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 10

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Hydrology originates as sheetflow off I-5 south bound.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 02/04/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-02-SP2**

Investigator(s): A. Thom, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 5-10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258345 Long: -122.330010 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
Sample point is located in upland hillslope along I-5. It is paired with WMI-02-SP1.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	50%	Yes	FAC
2.			
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-02-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/1	100					GrSaL	
8-16	10YR 3/1	99	2.5Y 6/2	1	D	M	GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/4/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-03-SP1**

Investigator(s): A.Hoenig, A. Thom Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259202 Long: -122.329288 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No x (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes x No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP located west of I-5 on a terrace. Paired with wetland SP2 for WMI-03.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	80%	Yes	FAC
2. *Spiraea douglasii*	10%	No	FACW
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	20%	Yes	FACW
2. *Lathyrus latifolius*	10%	Yes	NOL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 70%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-03-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 4/2	97	10YR 5/3	3	C	M	CL	
7-20	2.5Y 5/2	70	10YR 3/3	5	C	M	C	
	10YR 4/2	25						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Soils dry with no water table despite wetter than normal precipitation.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/4/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-03-SP2**

Investigator(s): A.Hoenig, A. Thom, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259180 Long: -122.329444 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PEM wetland SP near barbed wire fence at western edge of WMI-03, west of I-5 within the ROW.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Frangula purshiana*	25%	Yes	FAC
2. *Spiraea douglasii*	30%	Yes	FACW
3. *Rubus armeniacus*	10%	No	FAC
4.			
5.			
	65% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-03-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-8	10YR 4/2	100					CL	
8-12	10YR 5/2	90	10YR 5/8	10	C	M	GrCL	
12-20	10Y 6/1	80	7.5YR 4/4	5	C	M	GrC	
			10YR 5/8	15	C	M	GrC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 8
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 5

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/5/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-04-SP1**
Investigator(s): A. Hoenig, M. Murphy, A. Thom Section, Township, Range: T21N R04E S32 SWSW
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258199 Long: -122.330403 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation x, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP located west of I-5 in WSDOT ROW and south of SFW1. Area has a history of agriculture and disturbance. This SP is located within a low point of a depression within a terrace upslope the West Hylebos. Problematic Vegetation: Vegetation is naturally problematic because the bowl-like depression contains weedy native (spiraea hardhack) and non-native, invasive (reed canarygrass) species which quickly populate areas and are not always indicitive of hydrophytic vegetation. Determined to be upland because despite wetter than normal conditions, there was no evidence of water in the soil pit or other primary indicators.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Spiraea douglasii*	100%	Yes	FACW
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	40%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 60%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-04-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-4	10YR 2/1						L	3" duff layer above
4-8	5Y 5/2	80	7.5 YR 5/4	20	C	M	C	
8-12	10YR 2/1	50					CL	mixed matrix
	5Y 5/2	45	7.5YR 5/8	5	C	M	CL	
12-20	5Y 5/2	80	7.5YR 5/6	20	C	M	C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Despite meeting two secondary hydrology indicators, wetland hydrology is unlikely due to some reasons: soils dry with no water table despite wetter than normal precipitation; and FAC-neutral (D5) indicator is not reliable becuase vegetation is naturally problematic and very weedy (see explanation above).

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/5/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-04-SP2**
Investigator(s): A. Hoenig, M. Murphy, A. Thom Section, Township, Range: T21N R04E S32 SWSW
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258145 Long: -122.330392 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation X, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PSS wetland SP west of I-5 within WSDOT ROW and south of SFW1. Area has a history of agriculture and disturbance. This SP is located within the lowest point of a bowl-like depression upon a terrace upslope of the West Hylebos. Vegetation is naturally problematic because the depression contains weedy native (spiraea hardhack) and non-native, invasive (reed canarygrass) species which quickly populate areas and often are not always indicitive of hydrophytic vegetation.

VEGETATION

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: r=3m)			
1. *Malus fusca*	50%	Yes	FACW
2.			
3.			
4.			
	50% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Spiraea douglasii*	40%	Yes	FACW
2.			
3.			
4.			
5.			
	40% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2. *Urtica dioica*	20%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	120% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-04-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-8	10YR 2/2	100					L	
8-12	10YR 2/1	84	10YR 5/1	15	D	M	L	
			10YR 5/8	1	C	M	L	
12-16	10YR 2/1	83	10YR 6/1	15	D	M	CL	
			10YR 3/6	2	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
X Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 20
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 8

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
FAC-neutral (D5) indicator is not reliable becuase vegetation is naturally problematic and very weedy

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/5/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-04-SP3**
Investigator(s): A. Hoenig, M. Murphy, A. Thom Section, Township, Range: T21N R04E S32 SWSW
Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258273 Long: -122.330559 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation X, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP in area west of I-5 wtihin the WSDOT ROW and south of SFW1. Area has a history of agriculture and disturbance. This SP is located within the lowest point of a bowl-like depression upon a terrace upslope of the West Hylebos. Vegetation is naturally problematic because the depression contains weedy native (spiraea hardhack) and non-native, invasive (reed canarygrass) species which quickly populate areas and often are not always indicitive of hydrophytic vegetation. Determined to be upland because despite wetter than normal conditions, there was no evidence of water in the soil pit or other primary indicators.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Spiraea douglasii*	65%	Yes	FACW
2.			
3.			
4.			
5.			
	65% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	40%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 60%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-04-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10YR 2/1	100					L	3" duff above
10-18	5Y 6/2	93	10YR 4/3	7	C	M	C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Despite meeting two secondary hydrology indicators, wetland hydrology is unlikely due to some reasons: soils dry with no water table despite wetter than normal precipitation; and FAC-neutral (D5) indicator is not reliable becuase vegetation is naturally problematic and very weedy (see explanation above).

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/5/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-04-SP4**
Investigator(s): A. Hoenig, M. Murphy, A. Thom Section, Township, Range: T21N R04E S32 SWSW
Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258386 Long: -122.330437 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation X, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP in area west of I-5 wtihin the WSDOT ROW and south of SFW1. Area has a history of agriculture and disturbance. This SP is located within the lowest point of a bowl-like depression upon a terrace upslope of the West Hylebos. Vegetation is naturally problematic because the depression contains weedy native (spiraea hardhack) and non-native, invasive (reed canarygrass) species which quickly populate areas and often are not always indicitive of hydrophytic vegetation. Determined to be upland because despite wetter than normal conditions, there was no evidence of water in the soil pit or other primary indicators.

VEGETATION

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: r=3m)			
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus laciniatus*	25%	Yes	FACU
2. *Spiraea douglasii*	10%	Yes	FACW
3.			
4.			
5.			
	35% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2. *Urtica dioica*	10%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	110% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-04-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 2/1	100					L	
7-8	5Y 6/2	70	7.5YR 5/8	15	C	M	CL	
			10YR 6/8	15	C	M	CL	
8-16	10Y 6/1	78	7.5YR 5/8	2	C	M	C	mixed matrix
	N 5/	20					C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Despite meeting two secondary hydrology indicators, wetland hydrology is unlikely due to some reasons: soils dry with no water table despite wetter than normal precipitation; and FAC-neutral (D5) indicator is not reliable becuase vegetation is naturally problematic and very weedy (see explanation above).

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, King County Sampling Date: 2/5/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-04-SP5**
Investigator(s): A. Hoenig Section, Township, Range: T21N R04E S32 SWSW
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258434 Long: -122.330341 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP located at top of hillslope between the large spiraea/reed canarygrass depression, and SFW-01 which is tributary to West Hylebos. Area has a history of agriculture and disturbance.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Corylus cornuta*	60%	Yes	FACU
2. *Alnus rubra*	80%	Yes	FAC
3.			
4.			
	140% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	30%	Yes	FAC
2. *Spiraea douglasii*	20%	Yes	FACW
3. *Rubus armeniacus*	20%	Yes	FAC
4. *Sambucus racemosa*	10%	No	FACU
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	30%	Yes	FACU
2. *Rubus ursinus*	5%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	35% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 65%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-04-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-4	10YR 2/2	100					L	1" duff
4-8	7.5YR 2.5/1	95	2.5Y 4/1	5	D	M	L	
8-20	10YR 2/1	100					L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

no redox concentrations present

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton/King Sampling Date: 2/13/20
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-06-SP1**
Investigator(s): Aaron Thom, Steve Krueger Section, Township, Range: T20N R04E S05 L 2
Landform (hillslope, terrace, etc.): toe of slope in ditch Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.257101 Long: -122.330730 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - 20B - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
Sample point is located at the toe of slope in a ditch west of south bound I-5. This is the PEM wetland sample point for WMI-06.

VEGETATION

Tree Stratum (Plot size: 1x3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 1x2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Phalaris arundinacea*	98%	Yes	FACW
2. *Cirsium vulgare*	1%	No	FACU
3. *Galium aparine*	1%	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 1x2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-06-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 4/1	100					SaCL	
7-8	2.5Y 5/3	100					LSa	
8-12	2.5Y 4/1	90	2.5Y 5/6	5	C	M	SaL	
			5Y 5/1	5	D	M		
12-17	10Y 5/1	50	10YR 6/8	30	C	M	C	
			7.5YR 8/6	20	C	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 11
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 5

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Hydrology originates as sheetflow off I-5 south bound.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton/King Sampling Date: 2/13/20
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-06-SP2**
Investigator(s): Aaron Thom, Steve Krueger Section, Township, Range: T20N R04E S05 L 2
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.257043 Long: -122.330803 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - 20B - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in February.

Remarks:
Upland sample point is associated with WMI-06-SP1. It is located upslope and west of the ditched wetland. No wetland hydrology despite wetter than normal conditions.

VEGETATION

Tree Stratum (Plot size: 1x3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 1x2m)			
1. *Rubus armeniacus*	35%	Yes	FAC
2.			
3.			
4.			
5.			
	35% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Agrostis capillaris*	95%	Yes	FAC
2. *Hypericum perforatum*	1%	No	FACU
3. *Hypochaeris radicata*	1%	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	97% = Total Cover		
Woody Vine Stratum (Plot size: 1x2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 3%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-06-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/2	100					L	
7-16	2.5Y 6/1	80	10YR 5/6	20	C	M	SiC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
no wetland hydrology despite wetter than normal conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 2, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-07-SP3**

Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 5, 20N, 4E

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A) Lat: 47.253920 Long: -122.332650 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): erwood gravelly sandy loam, 8 to 15 percent slo - AgC - None NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)

Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No

Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Located upslope of wetland near fence

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Pseudotsuga menziesii*	20%	Yes	FACU
2.			
3.			
4.			
	20% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	40%	Yes	FAC
2.			
3.			
4.			
5.			
	40% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Poa pratensis*	80%	Yes	FAC
2. *Phalaris arundinacea*	15%	No	FACW
3. *Equisetum telmateia*	5%	No	FACW
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No

Remarks:
No flowers of poa species present.

SOIL

Sampling Point: **WMI-07-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 7	10 YR 4/2	100					CL	
7 - 18	10 YR 4/2	65	10 YR 4/6	15	C	M	CL	
	10 YR 5/1	20						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 2, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-07-SP4**

Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 5, 20N, 4E

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A) Lat: 47.253970 Long: -122.332571 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): erwood gravelly sandy loam, 8 to 15 percent slo - AgC - None NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)

Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No

Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No	**Is the Sampled Area within a Wetland?** Yes X No
Hydric Soil Present?	Yes X	No	
Wetland Hydrology Present?	Yes X	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PSS wetland (Fraxinus latifolia saplings and Rubus armeniacus shrubs). Paired with SP5

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Fraxinus latifolia*	15%	Yes	FACW
2. *Rubus armeniacus*	5%	Yes	FAC
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	90%	Yes	FACW
2. *Poa pratensis*	15%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	105% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No

Remarks:
Fraxinus latifolia sapling present. No flowers on *Poa pratensis* .

SOIL

Sampling Point: **WMI-07-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 5	10 YR 4/2	98	10 YR 5/8	2	C	M	CL	
5 - 18	10 YR 5/1	85	10 YR 4/6	15	C	M/PL	SiC	Some gravel

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 10
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 2, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-07-SP5**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): top of slope Local relief (concave, convex, none): convex Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A) Lat: 47.255583 Long: -122.331713 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpC - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	No	X
Hydric Soil Present?	Yes	No	X
Wetland Hydrology Present?	Yes	No	X

Is the Sampled Area within a Wetland? **Yes** **No** X

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland. Paired with SP6

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Cytisus scoparius*	5%	Yes	NOL
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Alopecurus species*	90%	Yes	FAC*
2. *Agrostis species*	15%	No	FAC*
3. *Daucus carota*	15%	No	FACU
4. *Plantago lanceolata*	10%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	130% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** **No** X

Remarks:
*presumed FAC
C. scoparius mostly observed in upland areas in Puget Sound lowlands - presumed FACU

SOIL

Sampling Point: **WMI-07-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 3	10 YR 3/2	100					SL	
3 - 6	10 YR 4/3	100					SL	
6 - 16	10 YR 5/3	99	10YR 5/8	1	C	CS	S	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.
[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None
Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 15

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 2, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-07-SP6**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A) Lat: 47.255610 Long: -122.331784 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpC - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PEM wetland, paired with SP5. Terrace is located above I-5 between raised upland to the east and slope to the west.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *None*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
X 1 - Rapid Test for Hydrophytic Vegetation
X 2 - Dominance Test is >50%
___ 3 - Prevalence Index is ≤3.0[1]
___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ 5 - Wetland Non-Vascular Plants[1]
___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-07-SP6**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 7	10 YR 3/2	95	7.5 YR 3/4	5	C	M	L	
7 - 18	5 Y 4/1	93	10 YR 3/6	7	C	M	Gravelly SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.
[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 7
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/25/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: WMI-08-SP1
Investigator(s): K. Moser, A. Thom Section, Township, Range: T20N R04E S05 A SWNW
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253230 Long: -122.332804 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 % slopes - 1C - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
Upland sample point is on a hillslope west of I-5 southbound.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	50%	Yes	FAC
2. *Pseudotsuga menziesii*	20%	Yes	FACU
3.			
4.			
	70% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	80%	Yes	FAC
2. *Amelanchier alnifolia*	10%	No	FACU
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	40%	Yes	FACU
2. *Phalaris arundinacea*	5%	No	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	45% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 55%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
____ 1 - Rapid Test for Hydrophytic Vegetation
____ 2 - Dominance Test is >50%
____ 3 - Prevalence Index is ≤3.0[1]
____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ 5 - Wetland Non-Vascular Plants[1]
____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WMI-08-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 5/2	100					C	
4-16	10YR 5/2	55	7.5YR 5/8	15	C	M	CL	mixed matrix
4-16	N 5/	30						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
No hydrology despite wetter than normal condtions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/25/2020
Applicant/Owner: Sound Transit State: WA Sampling Point: WMI-08-SP2
Investigator(s): K. Moser, A. Thom Section, Township, Range: T20N R04E S05 A SWNW
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253149 Long: -122.332836 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 % slopes - 1C - Not Hydric NWI classification: none
Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** Yes X No ____
Hydric Soil Present?	Yes X	No ____	
Wetland Hydrology Present?	Yes X	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
This sample point is within the PSS portion of WMI-08 upslope of a swale feature.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cornus alba*	50%	Yes	FACW
2. *Rubus armeniacus*	30%	Yes	FAC
3.			
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Polystichum munitum*	10%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WMI-08-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-9	2.5Y 4/2	80	2.5 4/1	15	D	M	SiCL	
			10YR 4/6	5	C	M		
9-16	5GY 5/1	70	7.5YR 5/8	30	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: Clay

Depth (inches): 9

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 9

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Clay layer forms restrictive layer at 9 inches. Soils were saturated above.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/25/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-08-SP3**

Investigator(s): K. Moser, A. Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253176 Long: -122.332624 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 % slopes - 1C - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
Sample point is upslope of PEM portion of WMI-08.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *Rubus armeniacus*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Holcus lanatus*	50%	Yes	FAC
2. *Phalaris arundinacea*	30%	Yes	FACW
3. *Festuca rubra*	20%	Yes	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-08-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	100					GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 14

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/25/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-08-SP4**

Investigator(s): K. Moser, A. Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): Ditch Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253178 Long: -122.332645 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Alderwood gravelly sandy loam, 8 to 15 % slopes - 1C - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visit in Febraury.

Remarks:
This PEM sample point for WMI-08 occurs in the roadside ditch along I-5 southbound.

VEGETATION

Tree Stratum (Plot size: 3x1m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2x1m)			
1. *Fraxinus latifolia*	20%	Yes	FACW
2. *Rubus armeniacus*	5%	Yes	FAC
3.			
4.			
5.			
	25% = Total Cover		
Herb Stratum (Plot size: 1x1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 2x1m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-08-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 3/2	100					SiL	with organic material
6-16	2.5Y 4/1	85	10YR 4/6	15	C	M	SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___		
Water Table Present?	Yes X	No ___	Depth (inches): 4		
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface		

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/10/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP1**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.252248 Long: -122.333440 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: PSS1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is PFO. It is west of West Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Salix lasiandra*	40%	Yes	FACW
2. *Alnus rubra*	40%	Yes	FAC
3. *Populus balsamifera*	20%	Yes	FAC
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	60%	Yes	FAC
2. *Symphoricarpos albus*	20%	Yes	FACU
3.			
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Oenanthe sarmentosa*	40%	Yes	OBL
2. *Phalaris arundinacea*	30%	Yes	FACW
3. *Polystichum munitum*	10%	No	FACU
4. *Phalaris arundinacea*	5%	No	FACW
5. *Equisetum telmateia*	1%	No	FACW
6.			
7.			
8.			
9.			
10.			
11.			
	86% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 14%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)
Total Number of Dominant Species Across All Strata: 7 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 86% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09a-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/1	50					GrSaCL	
	10YR 3/2	50						mixed matrix
6-20	2.5Y 5/1	80	10YR 3/4	20	C	M	GrSaCL	cobbles increase
								deeper in matrix

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 2
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/10/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP2**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.252209 Long: -122.333436 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is the upland plot for WMI-09. It is located west of West Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	30%	Yes	FAC
2. *Tsuga heterophylla*	25%	Yes	FACU
3. *Alnus rubra*	10%	No	FAC
4.			
	65% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	40%	Yes	FAC
2. *Oemleria cerasiformis*	30%	Yes	FACU
3.			
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	25%	Yes	FACU
2. *Equisetum telmateia*	3%	No	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	28% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 72%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 40% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WMI-09a-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 4/1	100	none				GrSaC	
4-16	2.5Y 5/2	100	none				GrSaC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0-3

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Saturation in top 3 inches only due to recent rainfall.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/10/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP3**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253220 Long: -122.333490 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: R3UBH

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point within an reed canarygrass emergent patch, but within PFO vegetation classification. Located west fork or West Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	5%	Yes	FAC
2.			
3.			
4.			
	5% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Alnus rubra*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2. *Urtica dioica*	3%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	103% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09a-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 2/2	100					Mucky Loam	
10-17	10YR 4/1	100					Mucky Loam	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- X Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soil sample was left out for 1 hour to dry; no redox was found. Soils contain a mucky feel, therefore are presumed to be a mucky mineral. Hydric soils assumed based on strong hydrology.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 2
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/10/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP4**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253266 Long: -122.333282 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - 20D - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This upland sample point occurred east of left bank of West Fork Hylebos. Paired with WMI-09-SP3

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer macrophyllum*	70%	Yes	FACU
2. *Thuja plicata*	60%	Yes	FAC
3. *Alnus rubra*	10%	No	FAC
4.			
	140% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Acer circinatum*	60%	Yes	FAC
2. *Oemleria cerasiformis*	15%	No	FACU
3. *Rubus ursinus*	5%	No	FACU
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	90%	Yes	FACU
2. *Mahonia nervosa*	10%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WMI-09a-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					CL	
5-16	10YR 5/4	98	10YR 6/8	2	C	M	C	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton, Pierce County Sampling Date: 2/10/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP5**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S05 A SWNW

Landform (hillslope, terrace, etc.): flat Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253339 Long: -122.333455 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - 20D - Not Hydric NWI classification: PSS1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is the PFO wetland pit for WMI-09. It is located on the base of a slope in a flat area, north of West Hylebos Creek on the left bank.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	80%	Yes	FACW
2. *Alnus rubra*	10%	No	FAC
3. *Salix lasiandra*	10%	No	FACW
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Cornus alba*	80%	Yes	FACW
2.			
3.			
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Lysichiton americanus*	40%	Yes	OBL
2. *Tolmiea menziesii*	20%	Yes	FAC
3. *Urtica dioica*	5%	No	FAC
4. *Polystichum munitum*	5%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	70% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 30%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09a-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 2/2	100					Mucky Loam	
12-34	7.5YR 2.5/1	100					Muck	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- X Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- x Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils contain a mucky feel, therefore are presumed to be a mucky mineral. Hydric soils assumed based on strong hydrology

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 2
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 8, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP6**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253516 Long: -122.334363 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO class, parcel 3129, on west side of wetland, paired with SP7

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	80%	Yes	FAC
2.			
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	20%	Yes	FAC
2.			
3.			
4.			
5.			
	20% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	30%	Yes	FACW
2. *Equisetum telmateia*	25%	Yes	FACW
3. *Athyrium cyclosorum*	20%	Yes	FAC
4. *Urtica dioica*	20%	Yes	FAC
5.	5%	No	
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WMI-09a-SP6

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 8	10 YR 4/1	90	7.5 YR 5/6	10	C	M	SiL	
8 - 20	5 Y 5/1	70	7.5 YR 5/6	30	C	PL/M	Gravelly SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

Oxidized Rhizospheres observed at depths between 8 - 20 inches.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 8
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 8, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP7**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.253501 Long: -122.334388 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No X
Hydric Soil Present?	Yes ____	No X	
Wetland Hydrology Present?	Yes ____	No X	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland SP paired with WMI-09a-SP6

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	50%	Yes	FAC
2. *Populus balsamifera*	30%	Yes	FAC
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Rubus armeniacus*	30%	Yes	FAC
2.			
3.			
4.			
5.			
	30% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Urtica dioica*	5%	No	FAC
2. *Galium aparine*	5%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 90%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: WMI-09a-SP7

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 8	2.5 Y 3/3	99	10 YR 5/6	1	C	M	Gravelly SL	
8 - 20	2.5 Y 3/2	99	10 YR 5/6	1	C	M	Gravelly SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? Yes ___ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 8, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP8**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): despression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.254104 Long: -122.334039 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Within PEM class of WMI-09a, parcel 3111. Paired with SP9

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Cornus alba*	5%	Yes	FACW
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Impatiens capensis*	5%	No	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: ____ (A)
Total Number of Dominant Species Across All Strata: ____ (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
X 1 - Rapid Test for Hydrophytic Vegetation
____ 2 - Dominance Test is >50%
____ 3 - Prevalence Index is ≤3.0[1]
____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ 5 - Wetland Non-Vascular Plants[1]
____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WMI-09a-SP8

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 4	2.5 Y 4/2	100					SiL	
4 - 10	2.5 Y 4/1	95	7.5 YR 5/6	5	C	M	SiL	
10 - 18	2.5 Y 4/1	85	7.5 YR 5/6	15			SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 15
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 4

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Drier than normal.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 8, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09a-SP9**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.254159 Long: -122.333946 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: PFOC
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Paired upland pit to WMI-09a-SP8.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	40%	Yes	FACW
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	90%	Yes	FAC
2.			
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	20%	Yes	FACW
2. *Equisetum telmateia*	3%	No	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	23% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 77%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WMI-09a-SP9**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 14	2.5 Y 5/3	95	2.5 Y 5/6	5	C	M	Gravelly SiL	
14 - 16	2.5 Y 5/2	95	2.5 Y 5/6	5	C	M	Gravelly SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:
Depleted layer too low in soil profile to meet F3.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Along steep hillslope above wetland.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 05, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09b-SP1**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5 20N 4E
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.256032 Long: -122.334864 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - KpD - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WMI09b-SP1 is located along the northern edge of roadfill/wetland, near Birch Street. This is the palustrine scrub-shrub wetland sample point for WMI-09b.

VEGETATION

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 10')			
1. *Cornus alba*	50%	Yes	FACW
2.			
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: 5')			
1. *Phalaris arundinacea*	30%	Yes	FACW
2. *Urtica dioica*	20%	Yes	FAC
3. *Impatiens capensis*	20%	Yes	FACW
4. *Athyrium cyclosorum*	20%	Yes	FAC
5. *Solanum dulcamara*	10%	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 10')			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WMI-09b-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-20	10YR 2/1	100					Muck	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- X Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- X Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 14
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 05, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09b-SP2**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5 20N 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.256064 Long: -122.334864 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - KpD - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland sample point to WMI09b-SP1, located along Birch Street.

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	60%	Yes	FAC
2.			
3.			
4.			
	60% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *Rubus armeniacus*	95%	Yes	FAC
2. *Cornus alba*	5%	No	FACW
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Equisetum telmateia*	10%	No	FACW
2. *Galium aparine*	5%	No	FACU
3. *Solanum dulcamara*	5%	No	FAC
4. *Phalaris arundinacea*	5%	No	FACW
5. *Impatiens capensis*	5%	No	FACW
6.			
7.			
8.			
9.			
10.			
11.			
	30% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09b-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-3	10YR 3/2	100					GrL	
3-16	2.5Y 5/3	95	2.5Y 5/6	5	C	M	GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 05, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09b-SP3**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5 20N 4E
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.256017 Long: -122.334079 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WMI09b-SP3 is the palustrine emergent sample point for wetland WMI09b. Paired with SP4

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Urtica dioica*	5%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09b-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	10YR 4/2	98	10YR 4/6	2	C	M	SiL	
6-13	10YR 4/1	90	7.5YR 5/6	10	C	M, PL	SiL	
13-20	5Y 4/1	70	7.5YR 5/6	30	C	M, PL	SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Some organic materials were observed mixed in the soils at depths between 0 - 6 inches.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	
Water Table Present?	Yes X	No ___	Depth (inches): 13	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 0	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 05, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09b-SP4**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5 20N 4E
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.256046 Long: -122.334072 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Semiahmoo muck - 37A - Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WMI09b-SP4 is the upland paired sample point to WMI09b-SP3, for the palustrine emergent plant class.

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Phalaris arundinacea*	10%	yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09b-SP4**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-16	2.5Y 3/3	100					LS	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 05, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09b-SP5**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 5 20N 4E
Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): <3%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.254987 Long: -122.335050 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - 20D - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WMI-09b-SP5 is located in an area mapped as PSS Cowardin class. Paired with SP6

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	90%	Yes	FAC
2.			
3.			
4.			
	90% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *none*			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Phalaris arundinacea*	75%	Yes	FACW
2. *Urtica dioica*	10%	No	FAC
3. *Impatiens capensis*	10%	No	FACW
4. *Equisetum telmateia*	5%	No	FACW
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09b-SP5**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 4/1	95	10YR 4/6	5	C	M, PL	SiL	
7-20	10Y 2.5/1	95	10YR 4/6	5	C	M, PL	Gravelly SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Oxidized rhizopheres were observed at depths between 0 - 7 inches.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
X Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 7
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): Surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 05, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-09b-SP6**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: ?
Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): none Slope (%): >10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.255023 Long: -122.335060 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - 20D - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
WMI09b-SP6 is th upland point of WMI09b on parcel 3090. Paired with SP5

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	40%	Yes	FAC
2.			
3.			
4.			
	40% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *Rubus armeniacus*	5%	Yes	FAC
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Hedera helix*	95%	Yes	FACU
2. *Polystichum munitum*	5%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-09b-SP6**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 3/3	100					Gravelly SL	
7-16	10YR 4/2	99	10YR 5/8	1	C	M	Gravelly SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 20, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-10-SP1**
Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): Slope Local relief (concave, convex, none): concave Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.254277 Long: -122.336066 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)
Are Vegetation no, Soil no, or Hydrology no significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
Are Vegetation no, Soil no, or Hydrology no naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No X	**Is the Sampled Area within a Wetland?** Yes _____ No X
Hydric Soil Present?	Yes _____	No X	
Wetland Hydrology Present?	Yes _____	No X	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland. Paired with SP2

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *Rubus armeniacus*	40%	Yes	FAC
2.			
3.			
4.			
5.			
	40% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Vinca minor*	50%	Yes	NOL
2. *Anthemis cotula*	40%	Yes	FACU
3. *Cirsium vulgare*	5%	No	FACU
4. *Holcus lanatus*	10%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	105% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes _____ No X

Remarks:
Vinca minor presumed FACU/UPL based on obervations of growth in upland soils with no wetland hydrology.

SOIL

Sampling Point: **WMI-10-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-16	10YR 3/3	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Soils are very compacted.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Milton / Pierce County Sampling Date: June 20, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-10-SP2**

Investigator(s): Anna Hoenig and Aaron Thom Section, Township, Range: 5, 20N, 4E

Landform (hillslope, terrace, etc.): Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.254558 Long: -122.336086 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - None NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)

Are Vegetation no, Soil no, or Hydrology no significantly disturbed? Are "Normal Circumstances" present? Yes X No

Are Vegetation no, Soil no, or Hydrology no naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PSS wetland sampling point.

VEGETATION

Tree Stratum (Plot size: 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Crataegus monogyna*	100%	Yes	FAC
2.			
3.			
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: 2m)			
1. *Rosa nutkana*	50%	Yes	FAC
2.			
3.			
4.			
5.			
	50% = Total Cover		
Herb Stratum (Plot size: 1m)			
1. *Agrostis capillaris*	60%	Yes	FAC
2. *Holcus lanatus*	20%	No	FAC
3. *Chamaenerion angustifolium*	15%	No	FACU
4. *Juncus effusus*	10%	No	FACW
5. *Juncus tenuis*	5%	No	FAC
6. *Carex obnupta*	5%	No	OBL
7. *Prunella vulgaris*	3%	No	FACU
8.			
9.			
10.			
11.			
	118% = Total Cover		
Woody Vine Stratum (Plot size: 2m)			
1. *none*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: **WMI-10-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-5	10YR 5/2	100					L	
5-16	10YR 5/1	85	7.5YR 4/6	15	C	M, PL	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 23, 2023

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-11-SP1**

Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 6 21N 4E

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.256187 Long: -122.336493 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Non-Hydric NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO SP for WMI-11 paired with WMI-11-SP2.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	60%	Yes	FACW
2. *Populus balsamifera*	30%	Yes	FAC
3.			
4.			
	90% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Fraxinus latifolia*	20%	Yes	FACW
2. *Alnus rubra*	15%	Yes	FAC
3. *Populus balsamifera*	10%	Yes	FAC
4.			
5.			
	45% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Agrostis capillaris*	40%	Yes	FAC
2. *Phalaris arundinacea*	20%	Yes	FACW
3. *Juncus effusus*	20%	Yes	FACW
4. *Carex obnupta*	10%	No	OBL
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 8 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WMI-11-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 6	2.5 Y 4/2	80	10 YR 4/6	20	C	M, PL	SiCL	
6 - 16	10 Y 5/1	60	10 YR 5/8	40	C	M, PL	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

Soils are compacted.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
X Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: June 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-11-SP2**
Investigator(s): Kaylee Moser and Aaron Thom Section, Township, Range: 6 20N 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): concave Slope (%): 3-5%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.256224 Long: -122.336508 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Located on upland berm paired with WMI-11-SP1.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer macrophyllum*	90%	Yes	FACU
2.			
3.			
4.			
	90% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus ursinus*	40%	Yes	FACU
2. *Rubus armeniacus*	30%	Yes	FAC
3. *Rubus parviflorus*	10%	No	FACU
4. *Fraxinus latifolia*	2%	No	FACW
5.			
	82% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Agrostis capillaris*	10%	Yes	FAC
2. *Phalaris arundinacea*	10%	Yes	FACW
3. *Lotus corniculatus*	1%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	21% = Total Cover		
Woody Vine Stratum (Plot size: r = 2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 79%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 60% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMI-11-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 7	2.5 Y 4/2	100					SiCL	
7 - 16	2.5 Y 5/2	95	10 YR 5/8	5			SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.
[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:
Soils compacted.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: July 10, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-12-SP1**
Investigator(s): Shelby Petro and Aaron Thom Section, Township, Range: 31 21N 4E
Landform (hillslope, terrace, etc.): toe of slope Local relief (concave, convex, none): none Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259713 Long: -122.336987 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes X** **No**
Hydric Soil Present?	Yes **X**	No	
Wetland Hydrology Present?	Yes **X**	No	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland, paired with SP2

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	95%	Yes	FAC
2. *Fraxinus latifolia*	5%	No	FACW
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Urtica dioica*	20%	Yes	FAC
2. *Phalaris arundinacea*	10%	Yes	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30% = Total Cover		
Woody Vine Stratum (Plot size: r = 1m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 70%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)
Prevalence Index = B/A =		

Hydrophytic Vegetation Indicators:
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No**

Remarks:

SOIL

Sampling Point: WMI-12-SP1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 18	10 YR 4/2	95	10 YR 5/6	5	C	M	L	Cobbles

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: July 10, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-12-SP2**
Investigator(s): Shelby Petro and Aaron Thom Section, Township, Range: 31 21N 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 5-10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259748 Long: -122.336950 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No X
Hydric Soil Present?	Yes X	No ____	
Wetland Hydrology Present?	Yes ____	No X	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
upland, paired with SP1

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	20%	Yes	FAC
2.			
3.			
4.			
	20% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Corylus cornuta*	30%	Yes	FACU
2. *Rubus armeniacus*	20%	Yes	FAC
3. *Sambucus racemosa*	20%	Yes	FACU
4. *Spiraea douglasii*	5%	No	FACW
5.			
	75% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Equisetum telmateia*	40%	Yes	FACW
2. *Polystichum munitum*	5%	No	FACU
3. *Urtica dioica*	5%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	50% = Total Cover		
Woody Vine Stratum (Plot size: r = 1m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 50%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 60% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

SOIL

Sampling Point: **WMI-12-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 4	10 YR 4/2	100					L	
4 - 16	10 YR 4/2	99	10 YR 5/6	1	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: July 10, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMI-12-SP3**
Investigator(s): Shelby Petro and Aaron Thom Section, Township, Range: 31 21N 4E
Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259253 Long: -122.336949 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Non-Hydric NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PFO wetland

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	60%	Yes	FACW
2. *Alnus rubra*	35%	Yes	FAC
3. *Thuja plicata*	5%	No	FAC
4.			
	100% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Spiraea douglasii*	5%	Yes	FACW
2. *Rosa nutkana*	5%	Yes	FAC
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Ranunculus repens*	20%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r = 1m)			
1. *None*			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMI-12-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0 - 5	10 YR 2/2	100					L	
5 - 10	10 YR 2/1	95	7.5 YR 4/6	5	C	M, PL	L	
10 - 16	2.5 Y 4/1	70	5 YR 5/8	30	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
X Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
X Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 1/29/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP01**

Investigator(s): A. Hoenig, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.260161 Long: -122.331102 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFO1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ Ref Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is located in Wetland WMIFW-01, at the toe of slope on the west bank of West Hylebos Creek near wetland flag 8. This is a PSS sample point.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	50%	Yes	FAC
2. *Rubus armeniacus*	20%	Yes	FAC
3.			
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Athyrium cyclosorum*	80%	Yes	FAC
2. *Lysichiton americanus*	15%	No	OBL
3. *Urtica dioica*	10%	No	FAC
4. *Tolmiea menziesii*	10%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	115% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP01**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 2/2	100					SiL	
8-14	10YR 2/2	93	5YR 3/3	7	C	M	SiL	
14-16	10YR 2/1	70	7.5YR 3/4	10	C	M	GrL	
			10YR 4/2	20	D	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 2
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Surface water was present at about 1 foot adjacement to sample point.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 1/29/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP02**

Investigator(s): A. Hoenig, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.260175 Long: -122.331286 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Bellingham silt loam - Bh - Hydric NWI classification: PFO1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This upland sample point is associated with WMIFW-01 PFO sample point. The sample point is west of West Hylebos creek .

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	60%	Yes	FAC
2.			
3.			
4.			
	60% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	50%	Yes	FAC
2. *Rubus armeniacus*	15%	Yes	FAC
3.			
4.			
5.			
	65% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	85%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 15%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP02**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 3/2	98	10YR 4/3	2	C	M	L	
10-18	2.5Y 5/3	99	10YR 4/4	1	C	M	L	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 1/29/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP03**

Investigator(s): A. Hoenig, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): concave Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258502 Long: -122.332302 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - KpD - Not Hydric NWI classification: PFO1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is the PSS sample point associated with WMIFW-01. It is located east of West Hylebos Creek. The hillslope seeps into the stream valley.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Alnus rubra*	70%	Yes	FAC
2.			
3.			
4.			
	70% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Acer circinatum*	90%	Yes	FAC
2. *Ribes divaricatum*	30%	Yes	FAC
3.			
4.			
5.			
	120% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Urtica dioica*	5%	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	5% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 95%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP03**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 2/1	100					Gr Lo	mucky
3-10	10YR 2/2	100					Gr Lo	mucky, w cobbles
10-16	5GY 5/1	84	10YR 4/6	15	C	M	GrSaLo	w some cobbles
			5GY 4/1	1	C	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
X Hydrogen Sulfide (A4)
X Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
X Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

X Surface Water (A1)
X High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
X Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 1	
Water Table Present?	Yes X	No ___	Depth (inches): surface	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Surface water was observed both upslope and downslope of this sample point.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 1/29/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP04**

Investigator(s): A. Hoenig, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258494 Long: -122.332132 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - KpD - Not Hydric NWI classification: PFO1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point is the paired upland plot to WMIFW-01-SP3 and is located on a hillslope on the east side of West Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer macrophyllum*	20%	Yes	FACU
2.			
3.			
4.			
	20% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Acer circinatum*	70%	Yes	FAC
2. *Rubus ursinus*	20%	Yes	FACU
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	50%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	50% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 50%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 25% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	70	x 3 =	210
FACU species	90	x 4 =	360
UPL species	0	x 5 =	0
Column Totals:	160 (A)		570 (B)

Prevalence Index = B/A = 3.56

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP04**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/1	100					L	
7-16	7.5YR 5/2	100					CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 14
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 10

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range, resulting in wetter than normal conditions. Water flows down this steep slope (>10%) and does not stay long enough to result in wetland vegetation and hydric soils.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 1/30/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP05**

Investigator(s): M. Murphy, A. Thom Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258972 Long: -122.332339 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
This sample point is the upland pit paired with WMIFW-01-SP6. It is located 15 feet west of the toe of slope, west of West Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Pseudotsuga menziesii*	80%	Yes	FACU
2. *Acer macrophyllum*	80%	Yes	FACU
3.			
4.			
	160% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Oemleria cerasiformis*	70%	Yes	FACU
2. *Rubus ursinus*	40%	Yes	FACU
3. *Cornus alba*	20%	No	FACW
4. *Rubus spectabilis*	10%	No	FAC
5.			
	140% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	20%	Yes	FACU
2. *Tolmiea menziesii*	10%	Yes	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 70%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 6 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 17% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP05**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	2.5Y 4/1	98	2.5Y 5/3	1	C	M	SiL	
			7.5YR 5/8	1	C	M		
10-16	2.5Y 6/3	98	7.5YR 5/4	2	C	M	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
x Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 1/30/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP06**

Investigator(s): M. Murphy, A. Thom Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.258949 Long: -122.332272 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: PFO1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Sample point located in a depression on the west side of West Hylebos Creek. This is a sampling a PFO area, near groundwater seepage zone.

VEGETATION

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: r=3m)			
1. *Alnus rubra*	80%	Yes	FAC
2.			
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Acer circinatum*	90%	Yes	FAC
2. *Rubus spectabilis*	10%	No	FAC
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Lysichiton americanus*	40%	Yes	OBL
2. *Urtica dioica*	20%	Yes	FAC
3. *Tolmiea menziesii*	10%	No	FAC
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	70% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 30%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP06**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 2/2	100					L	mucky
6-16	10Y 5/1	100					Clay	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- X Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 6
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 2/4/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP07**

Investigator(s): A. Hoenig, A. Thom Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259142 Long: -122.330786 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - KpD - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland sample point, paired w WMIFW-01-SP08. Located east (left bank) of West Fork Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer macrophyllum*	90%	Yes	FACU
2. *Pseudotsuga menziesii*	40%	Yes	FACU
3.			
4.			
	130% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Oemleria cerasiformis*	50%	Yes	FACU
2. *Acer macrophyllum*	20%	Yes	FACU
3. *Rubus spectabilis*	10%	No	FAC
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polystichum munitum*	40%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	40% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 60%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP07**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					L	some O.M.
8-12	10YR 3/3	100					L	
12-18	2.5Y 5/3	100					CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 2/4/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP08**

Investigator(s): A. Thom, M. Murphy Section, Township, Range: T21N R04E S32 SWSW

Landform (hillslope, terrace, etc.): Toe of Slope Local relief (concave, convex, none): concave Slope (%): None

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.259160 Long: -122.330885 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 15 to 30 percent slopes - KpD - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PSS wetlands SP for WMIFW-01. It is located in the toe of slope east of West Hylebos Creek and paried with WMIFW-01-SP7.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus spectabilis*	20%	Yes	FAC
2. *Oemleria cerasiformis*	15%	Yes	FACU
3. *Ribes divaricatum*	10%	Yes	FAC
4. *Acer circinatum*	2%	No	FAC
5.			
	47% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Lysichiton americanus*	80%	Yes	OBL
2. *Athyrium cyclosorum*	40%	Yes	FAC
3. *Urtica dioica*	10%	No	FAC
4. *Hydrophyllum tenuipes*	5%	No	FAC
5. *Tolmiea menziesii*	1%	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	136% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 80% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: WMIFW-01-SP08

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 2/1	100					L	mucky
4-8	7.5Y 2.5/1	100					L	mucky
8-10	7.5YR 2.5/2	100					L	
10-16	10YR 4/1	85	7.5YR 2.5/2	10			CL	
			10YR 5/1	5				
16-24	5YR 2.5/1	100					Muck	Includes decaying log

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- x Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): N/A

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 1
Water Table Present?	Yes X	No ___	Depth (inches): surface
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): surface

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP09**

Investigator(s): K. Moser, M. Murphy Section, Township, Range: T21N R04E S32

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): convex Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.261329 Long: -122.327810 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
The PEM weltand SP is located along the eastern edge of the wetland within the I-5 ROW. It is part of a large wetland associated with the West Hylebos Creek.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	30%	Yes	FAC
2.			
3.			
4.			
5.			
	30% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	95%	Yes	FACW
2. *Galium aparine*	5%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP09**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					L	
8-16	10YR 4/2	90	10YR 4/6	10	C	M	GrSaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes X	No ___	Depth (inches): 13
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 10

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way/King Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP10**

Investigator(s): K. Moser, M. Murphy Section, Township, Range: T21N R04E S32

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): 3-5%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.261240 Long: -122.327731 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - Not Hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
Upland SP paired with and located upslope of WMIFW-01-SP9.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Malus x domestica*	60%	Yes	NL
2.			
3.			
4.			
	60% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	80%	Yes	FAC
2.			
3.			
4.			
5.			
	80% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	30%	Yes	FACW
2. *Cardamine oligosperma*	5%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	35% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 65%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species ____	x 1 = ____
FACW species ____	x 2 = ____
FAC species ____	x 3 = ____
FACU species ____	x 4 = ____
UPL species ____	x 5 = ____
Column Totals: ____ (A)	____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP10**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 3/2	100					L	
10-16	10YR 3/2	100					GrL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: none

Depth (inches): n/a

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP11**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): valley floor Local relief (concave, convex, none): none Slope (%): None
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.257318 Long: -122.334967 Datum: NAD 1983
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Wetland sample point for WMIFW-01 PEM cowardin class.

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Phalaris arundinacea*	80%	Yes	FACW
2. *Equisetum telmateia*	20%	No	FACW
3. *Urtica dioica*	10%	No	FAC
4. *Ribes divaricatum*	5%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	115% = Total Cover		
Woody Vine Stratum (Plot size: r = 1m)			
1.			
2.			
	0% = Total Cover		
% Bare Ground in Herb Stratum 0%			

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 2 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:

SOIL

Sampling Point: **WMIFW-01-SP11**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-2	10 YR 3/1	100					SaL	
2-12	10 YR 3/1	50	10 YR 4/6	10	C	M	SaL	
	10 YR 3/2	40					Lsa	
12-16	10 YR 2/1	95	10 YR 4/6	5	C	M	SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
X Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	
Water Table Present?	Yes X	No ___	Depth (inches): 13	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 5	

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Federal Way / King County Sampling Date: May 23, 2023
Applicant/Owner: Sound Transit State: WA Sampling Point: **WMIFW-01-SP12**
Investigator(s): Amanda Weiss and Kaylee Moser Section, Township, Range: 5, 20N, 4E
Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex Slope (%): 5-10%
Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.257324 Long: -122.335002 Datum: NAD 83
Soil Unit (Name-ID-Hydric Rating): Kitsap silt loam, 2 to 8 percent slopes - KpB - None NWI classification: None
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)
Are Vegetation N, Soil N, or Hydrology N significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation N, Soil N, or Hydrology N naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** Yes ____ No **X**
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes ____	No **X**	

Precipitation:
According to the SeaTac NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland sample print for WMIFW-01

VEGETATION

Tree Stratum (Plot size: r = 3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	60%	Yes	FACW
2.			
3.			
4.			
	60% = Total Cover		
Sapling/Shrub Stratum (Plot size: r = 2m)			
1. *Rubus armeniacus*	40%	Yes	FAC
2. *Lonicera involucrata*	30%	Yes	FAC
3.			
4.			
5.			
	70% = Total Cover		
Herb Stratum (Plot size: r = 1m)			
1. *Equisetum telmateia*	40%	Yes	FACW
2. *Tellima grandiflora*	5%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	45% = Total Cover		
Woody Vine Stratum (Plot size: r = 1m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 55%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	____
FACW species ____	x 2 =	____
FAC species ____	x 3 =	____
FACU species ____	x 4 =	____
UPL species ____	x 5 =	____
Column Totals: ____ (A)		____ (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes **X** No ____

Remarks:

SOIL

Sampling Point: WMIFW-01-SP12

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	10 YR 4/2	90	10 YR 4/6	10			CL	
6-16	2.5 Y 4/3	95	10 YR 4/6	5	C	M	CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: S = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
X Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): n/a

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
X FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ___ No X Depth (inches): ___

Water Table Present? Yes ___ No X Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ___ No X Depth (inches): ___

Wetland Hydrology Present? Yes ___ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Tacoma/Pierce Sampling Date: 10/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point **WPCFI-02-SP1**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S06

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.243640 Long: -122.339555 Datum: NAD 1983 (HARN)

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam, 0 to 2 percent slopes - 42A - not hydric NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seatac International airport NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PEM wetland sample plot near the south west corner of a partially fenced reed canary grass field.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	10%	Yes	FAC
2.			
3.			
4.			
5.			
	10% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	100%	Yes	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WPCFI-02-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10YR 2/2	95	7.5YR 3/4	5	C	PL, M	SiL	roots present
10-18	2.5Y 2.5/1	93	10YR 3/4	7	C	PL, M	SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- X Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: n/a

Depth (inches): ___

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- X Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___		
Water Table Present?	Yes X	No ___	Depth (inches): 14		
Saturation Present? (includes capillary fringe)	Yes X	X ___	Depth (inches): surface		

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

SP was revisited at the end of the site visit to collect a final water table measurement. Water table was slow to reach equilibrium due to clay content in soil matrix and likely would have met the 12 inch requirement given more time. Ponding observed approximately 8 feet from sample plot.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Tacoma/Pierce Sampling Date: 10/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WPCFI-02-SP2**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S06

Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.243717 Long: -122.339579 Datum: NAD 1983 (HARN)

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam, 0 to 2 percent slopes - 42A - Not Hydric NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No _____	**Is the Sampled Area within a Wetland?** **Yes X** **No** _____
Hydric Soil Present?	Yes **X**	No _____	
Wetland Hydrology Present?	Yes **X**	No _____	

Precipitation:
According to the Seatac International airport NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
PSS wetland sample plot located near proposed borehole AB-20 in dense Himalayan blackberry under a rooted black locust sapling. Depression is lower than neighboring reed canary grass field.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *none*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	100%	Yes	FAC
2. *Robinia pseudoacacia*	10%	No	FACU
3.			
4.			
5.			
	110% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *none*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** _____

Remarks:

SOIL

Sampling Point: **WPCFI-02-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-7	10YR 4/2	97	7.5YR 5/8	3	C	M	SiCL	
7-16	10YR 4/2	65	7.5YR 5/8	10	C	M	SiCL	mixed matrix
7-16	5Y 5/1	35						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: n/a

Depth (inches): ___

Hydric Soil Present? **Yes** X **No** ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___		
Water Table Present?	Yes ___	No X	Depth (inches): ___		
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 9		

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Between end of dry season and beginning of wet season.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Tacoma/Pierce Sampling Date: 10/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WPCFI-02-SP3**

Investigator(s): Anna Hoenig, Aaron Thom Section, Township, Range: T20N R04E S06

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.243858 Long: -122.339614 Datum: NAD 1983 (HARN)

Soil Unit (Name-ID-Hydric Rating): Sultan silt loam, 0 to 2 percent slopes - 42A - Not Hydric NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	
Hydric Soil Present?	Yes	No **X**	**Is the Sampled Area within a Wetland?** **Yes** _____ **No** **X**
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seatac International airport NOAA weather station, precipitation was within the normal range for the three months prior to the site visit.

Remarks:
Upland pit located just east of fenceline and upslope of PSS wetland depression.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Robinia pseudoacacia*	80%	Yes	FACU
2.			
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	100%	Yes	FAC
2.			
3.			
4.			
5.			
	100% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Phalaris arundinacea*	30%	Yes	FACW
2. *Equisetum telmateia*	15%	Yes	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	45% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *none*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** _____

Remarks:

SOIL

Sampling Point: **WPCFI-02-SP3**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-10	10YR 3/2	100					GrSaL	
10-18	10YR 3/3	100					SiCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: n/a

Depth (inches): ___

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

Angular gravel appears to be fill.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- X FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Tacoma, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WTA-01-SP1**

Investigator(s): J. Wozniak and P. Johnson Section, Township, Range: T20N R03E S10 L 1

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <3%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.241260 Long: -122.400794 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): No Digital Data Available - NOTCOM - Unknown NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation Yes, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?** **Yes X** **No** ____
Hydric Soil Present?	Yes **X**	No ____	
Wetland Hydrology Present?	Yes **X**	No ____	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
PSS wetland SP located on the east bank of the Puyallup River on flood beach.
Vegetation naturally problematic because dominated by non-native weedy species. Bohemian knotweed is commonly found in riverine areas that are regularly flooded.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	90%	Yes	FAC
2.			
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *Polygonum x bohemia*	30%	Yes	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	30% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 70%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x 1 =	
FACW species		x 2 =	
FAC species	90	x 3 =	270
FACU species	30	x 4 =	120
UPL species		x 5 =	
Column Totals:	120 (A)		390 (B)

Prevalence Index = B/A = 3.25

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- x Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes X** **No** ____

Remarks:
Plant community dominated by aggressive invasives. Bareground is covered in fresh alluvium.

SOIL

Sampling Point: **WTA-01-SP1**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-16	10YR 3/2	97	10YR 4/4	5	C	M, PL	SaL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- X Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** X **No** ___

Remarks:
layered alluvial soils

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- X Water Marks (B1)
- X Sediment Deposits (B2)
- X Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- X Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- X Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** X **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:
Puyallup River

Remarks:
Oxidized rhizospheres at 8 to 16 inches. Puyallup River gage at Puyallup, Wa shows a pattern of regular inundation of this area.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: TDLE City/County: Tacoma, Pierce County Sampling Date: 2/20/2020

Applicant/Owner: Sound Transit State: WA Sampling Point: **WTA-01-SP2**

Investigator(s): J. Wozniak and P. Johnson Section, Township, Range: T20N R03E S10 L 1

Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >10%

Subregion (LRR): Northwest Forests and Coast (LRR A)) Lat: 47.241272 Long: -122.400791 Datum: NAD 1983

Soil Unit (Name-ID-Hydric Rating): No Digital Data Available - NOTCOM - Unknown NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks)

Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?** **Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**	
Wetland Hydrology Present?	Yes	No **X**	

Precipitation:
According to the Seattle Tacoma International NOAA weather station, precipitation was above the normal range for the three months prior to the site visits in February.

Remarks:
SP is located on the side slope of a levee, uphill of SP-1.

VEGETATION

Tree Stratum (Plot size: r=3m)	Absolute % Cover	Dominant Species?	Indicator Status
1. *None*			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot size: r=2m)			
1. *Rubus armeniacus*	90%	Yes	FAC
2.			
3.			
4.			
5.			
	90% = Total Cover		
Herb Stratum (Plot size: r=1m)			
1. *None*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	0% = Total Cover		
Woody Vine Stratum (Plot size: r=2m)			
1. *None*			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 100%

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: **WTA-01-SP2**

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture[3]	Remarks
0-6	10YR 3/1	100					SaLo	
6-14+	varies						SaGr	rock, gravel spalls

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

[3]Texture: Sa = sand; Si = silt; C = clay; L = loam or loamy. Texture Modifier: co = coarse; f = fine; vf = very fine; + = heavy (more clay); - = light (less clay)

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Loamy Mucky Mineral (F1) (except MLRA 1)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
___ Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10)
___ Red Parent Material (TF2)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: None

Depth (inches): N/A

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

___ Surface Water (A1)
___ High Water Table (A2)
___ Saturation (A3)
___ Water Marks (B1)
___ Sediment Deposits (B2)
___ Drift Deposits (B3)
___ Algal Mat or Crust (B4)
___ Iron Deposits (B5)
___ Surface Soil Cracks (B6)
___ Inundation Visible on Aerial Imagery (B7)
___ Sparsely Vegetated Concave Surface (B8)
___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
___ Salt Crust (B11)
___ Aquatic Invertebrates (B13)
___ Hydrogen Sulfide Odor (C1)
___ Oxidized Rhizospheres along Living Roots (C3)
___ Presence of Reduced Iron (C4)
___ Recent Iron Reduction in Tilled Soils (C6)
___ Stunted or Stressed Plants (D1) (LRR A)
___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
___ Drainage Patterns (B10)
___ Dry-Season Water Table (C2)
___ Saturation Visible on Aerial Imagery (C9)
___ Geomorphic Position (D2)
___ Shallow Aquitard (D3)
___ FAC-Neutral Test (D5)
___ Raised Ant Mounds (D6) (LRR A)
___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___
Water Table Present?	Yes ___	No X	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___

Wetland Hydrology Present? **Yes** ___ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/9/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V1

Investigators: DANIELSKI Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Depression Local Relief (concave, convex, none): Concave Slope(%): 0

Subregion (LRR): A Lat: 47.292610 Long: -122.305954 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ___	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

Verification plot in salmonberry dominated swale. Sample plot has 1 of 3 wetland indicators, is not located in a wetland. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus spectabilis	70	Yes	FAC
2. Oemleria cerasiformis	5	No	FACU
3. Rubus ursinus	5	No	FACU
4.			
5.			
	80	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Tolmiea menziesii	15	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	15	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 85 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	85	x3=	255
FACU species	10	x4=	40
UPL species		x5=	0
Column Totals:	95 (A)		295 (B)

Prevalence Index = B/A= 3.11

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ___

Remarks:

Sample plot meets dominance test but does not meet prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: SP FW V1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 3/3	100					Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks indicators of hydric soil.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary wetland hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/10/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V2

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Depression Local Relief (concave, convex, none): Concave Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.299988 Long: -122.304810 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy laom NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil X or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

Verification plot located in ditch south of S. 336th Street. Sample plot has 0 of 3 wetland indicators, is not located in a wetland. The preceding three months were wetter than normal; however, site visit occurred at end of the dry season so dry season conditions were still considered when evaluating hydrology.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	4	No	FAC
2.			
3.			
4.			
5.			
	4	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Hypochaeris radicata	15	Yes	FACU
2. Agrostis capillaris	7	Yes	FAC
3. Conium maculatum	5	No	FAC
4. Phalaris arundinacea	5	No	FACW
5. Carduus nutans	4	No	UPL
6. Claytonia sibirica	3	No	FAC
7. Galium aparine	3	No	FACU
8. Ranunculus repens	2	No	FAC
9.			
10.			
11.			
	44	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 56 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	1	(A)
Total Number of Dominant Species Across All Strata:	2	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	50	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	5	x2=	10
FAC species	21	x3=	63
FACU species	18	x4=	72
UPL species	4	x5=	20
Column Totals:	48 (A)		165 (B)

Prevalence Index = B/A= 3.44

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: SP FW V2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	100					Silt Loam	
16-18								Drain rock

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators. Between horizon 1 and horizon 2 is a layer of geotextile fabric. Swale is clearly constructed and has drain rock liner to move water.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary wetland hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/22/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V3

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.292915 Long: -122.306824 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

Conditions wetter than normal for time of year. Sample plot has 0 of 3 indicators, is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Pseudotsuga menziesii	10	Yes	FACU
2.			
3.			
4.			
	10	= Total Cover	

Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	85	Yes	FAC
2. Prunus emarginata	5	No	FACU
3.			
4.			
5.			
	90	= Total Cover	

Herb Stratum (Plot size: 1m)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
		= Total Cover	

Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 100 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	85	x3=	255
FACU species	15	x4=	60
UPL species		x5=	0
Column Totals:	100 (A)		315 (B)

Prevalence Index = B/A= 3.15

Hydrophytic Vegetation Indicators:

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- ___ 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ___ 5 - Wetland Non-Vascular Plants[1]
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: SP FW V3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/3	100					Sandy Loam	
8-18	10YR 4/6	100					Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 10/22/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V4

Investigators: STORY, PACE Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Hillslope Local Relief (concave, convex, none): None Slope(%): 2

Subregion (LRR): A - Northwestern Forest, Lat: 47.290462 Long: -122.309219 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ___ No X (If No, explain in Remarks)

Are Vegetation: ___ Soil ___ or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation: ___ Soil ___ or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No X	
Hydric Soil Present?	Yes ___	No X	**Is the Sampled Area**
Wetland Hydrology Present?	Yes ___	No X	**within a Wetland?** Yes ___ No X

Remarks:

In stand of PSME on hill between off ramp and Walmart. Conditions wetter than normal for time of year. Sample plot has 0 of 3 wetland criteria, is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Pseudotsuga menziesii	80	Yes	FACU
2.			
3.			
4.			
	80	= Total Cover	

Sapling/Shrub Stratum (Plot size: 3m)			
1. Gaultheria shallon	60	Yes	FACU
2. Oemleria cerasiformis	10	No	FACU
3. Arbutus menziesii	5	No	UPL
4. Thuja plicata	3	No	FAC
5.			
	78	= Total Cover	

Herb Stratum (Plot size: 1m)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
		= Total Cover	

Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 100 % Cover of Biotic Crust ___

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	3	x3=	9
FACU species	150	x4=	600
UPL species	5	x5=	25
Column Totals:	158 (A)		634 (B)

Prevalence Index = B/A= 4.01

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)

___ 5 - Wetland Non-Vascular Plants[1]

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ___ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: SP FW V4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 2/2	100					Silt Loam	Significant duff and leaf litter
6-18	10YR 4/6	100					Silt Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No primary or secondary hydrology indicators observed.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 12/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V5

Investigators: STORY, DANIELSKI Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Channel Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A - Northwestern Forest, Lat: 47.293034 Long: -122.306145 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	
Hydric Soil Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Wetland Hydrology Present?	Yes X	No ____	

Remarks:

Sample plot located in small side channel. Sample plot has 1 of 3 wetland criteria, is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
		= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	20	Yes	FAC
2. Rubus laciniatus	10	Yes	FACU
3.			
4.			
5.			
	30	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Agrostis capillaris	40	Yes	FAC
2. Pteridium aquilinum	10	Yes	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	50	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 50 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	2	(A)
Total Number of Dominant Species Across All Strata:	4	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	50	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	60	x3=	180
FACU species	20	x4=	80
UPL species		x5=	0
Column Totals:	80 (A)		260 (B)

Prevalence Index = B/A= 3.25

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ____ No X

Remarks:

Sample plot does not meet dominance test or prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: SP FW V5

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 3/2	100					Sandy Loam	
9-12	10YR 3/3	100					Sandy Loam	Gravelly, compacted

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No	____	Depth (inches): 1.00
Water Table Present?	Yes	X	No	____	Depth (inches): 0.0
Saturation Present? (includes capillary fringe)	Yes	X	No	____	Depth (inches): 0.0

Wetland Hydrology Present? **Yes** **X** **No** ____

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Plot in small side channel, possibly old roadbed. Flooded from recent rains. Sample plot meets primary hydrology indicators for surface water, high water table, and saturation.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 12/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V6

Investigators: STORY, DANIELSKI Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Channel Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A Lat: 47.292854 Long: -122.307457 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Wetland Hydrology Present?	Yes X	No ____	

Remarks:

Sample plot lacks hydric soil and is not located within a wetland. Site visit occurred outside of growing season. During the site visit, leaves had already dropped and WETS table for Seattle Tacoma Airport, WA Station states that the median growing season occurs from 2/9 to 12/13.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Salix scouleriana	25	Yes	FAC
2.			
3.			
4.			
	25	= Total Cover	

Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus spectabilis	35	Yes	FAC
2. Rubus ursinus	30	Yes	FACU
3. Rubus armeniacus	15	No	FAC
4.			
5.			
	80	= Total Cover	

Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	20	Yes	FAC
2. Pteridium aquilinum	20	Yes	FACU
3. Polystichum munitum	5	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	45	= Total Cover	

Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 25 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
Total Number of Dominant Species Across All Strata:	5	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	60	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	95	x3=	285
FACU species	55	x4=	220
UPL species		x5=	0
Column Totals:	150 (A)		505 (B)

Prevalence Index = B/A= 3.37

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plot meets dominance test but not prevalence index for hydrophytic vegetation. Hydrophytic species found in plot are primarily deep-rooted tree and shrub species that have access to a deeper water table.

SOIL

Sampling Point: SP FW V6

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 3/2	100					Sandy Loam	
9-12	10YR 3/3	100					Sandy Loam	Gravelly

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aeriel Imagery (B
- ___ Sparsley Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (**LRR A**)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aeriel Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (**LRR A**)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches):	___	
Water Table Present?	Yes X	No ___	Depth (inches):	1.0	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches):	0.0	

Wetland Hydrology Present? **Yes X** **No** ___

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot meets primary hydrology indicators for saturation and high water table.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 12/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V7

Investigators: Danielski, Story Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A Lat: 47.291878 Long: -122.307533 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Wetland Hydrology Present?	Yes X	No ____	

Remarks:

Sample plot has 2 of 3 wetland indicators. Sample plot lacks hydric soil and is not located in a wetland. Site visit occurred outside of growing season. During the site visit, leaves had already dropped, and WETS table for Seattle Tacoma Airport, WA Station states that the median growing season occurs from 2/9 to 12/13.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Populus balsamifera	15	Yes	FAC
2. Thuja plicata	10	Yes	FAC
3.			
4.			
	25	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Spiraea douglasii	50	Yes	FACW
2. Rubus spectabilis	10	No	FAC
3.			
4.			
5.			
	60	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Hedera helix	5	Yes	FACU
2. Polystichum munitum	5	Yes	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	10	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 90 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	3	(A)
Total Number of Dominant Species Across All Strata:	5	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	60	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species	50	x2=	100
FAC species	35	x3=	105
FACU species	10	x4=	40
UPL species		x5=	0
Column Totals:	95 (A)		245 (B)

Prevalence Index = B/A= 2.58

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation. Hydrophytic species found in plot are primarily deep-rooted tree and shrub species that have access to a deeper water table.

SOIL

Sampling Point: SP FW V7

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox %	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 3/2	100					Sandy Loam	
9-14	10YR 3/3	100					Sandy Loam	
14-16	10YR 4/3	100					Sandy Loam	

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot lacks hydric soil indicators.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- X High Water Tables (A2)
- X Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	____	No	X	Depth (inches): ____
Water Table Present?	Yes	X	No	____	Depth (inches): 5.0
Saturation Present? (includes capillary fringe)	Yes	X	No	____	Depth (inches): 1.0

Wetland Hydrology Present? **Yes** X **No** ____

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Saturation at 1 inch and water table present at 5 inches. Sample plot meets primary hydrology indicators for saturation and high water table.

WETLAND DETERMINATION DATA FORM - Western Mountains, Valleys, and Coast Region

Project/Site: Sound Transit OMFS City/County: Federal Way, King Sampling Date: 12/19/2019

Applicant/Owner: Sound Transit State: WA Sampling Point: SP FW V8

Investigators: Danielski, Story Section, Township, Range: T21N R4E S21

Landform (hillslope, terrace, etc.): Flat Local Relief (concave, convex, none): None Slope(%): 0

Subregion (LRR): A Lat: 47.292641 Long: -122.307724 Datum: WGS84

Soil Map Unit Name: Alderwood gravelly sandy loam NWI Classification: UPL

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If No, explain in Remarks)

Are Vegetation: ____ Soil ____ or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation: ____ Soil ____ or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS - Attach a site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	
Hydric Soil Present?	Yes ____	No X	**Is the Sampled Area within a Wetland?** Yes ____ No X
Wetland Hydrology Present?	Yes ____	No X	

Remarks:

Sample plot has 1 of 3 wetland indicators and is not located in a wetland.

VEGETATION – Use scientific names of plants.

Tree Statum (Plot size: 5m)	Absolute % Cover	Dominant Species?	Indicator Status
1. Populus balsamifera	40	Yes	FAC
2. Alnus rubra	20	Yes	FAC
3.			
4.			
	60	= Total Cover	
Sapling/Shrub Stratum (Plot size: 3m)			
1. Rubus armeniacus	10	Yes	FAC
2. Prunus occidentalis	7	Yes	
3.			
4.			
5.			
	17	= Total Cover	
Herb Stratum (Plot size: 1m)			
1. Ranunculus repens	60	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60	= Total Cover	
Woody Vine Stratum (Plot size:)			
1.			
2.			
		= Total Cover	

% Bare Ground in Herb Stratum 40 % Cover of Biotic Crust ____

Dominance Test Worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC:	4	(A)
Total Number of Dominant Species Across All Strata:	5	(B)
Percent of Dominant Species That Are OBL, FACW, or FAC:	100	(A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species		x1=	
FACW species		x2=	0
FAC species	130	x3=	390
FACU species		x4=	0
UPL species		x5=	0
Column Totals:	130 (A)		390 (B)

Prevalence Index = B/A= 3.00

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- X 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:

Sample plot meets dominance test and prevalence index for hydrophytic vegetation.

SOIL

Sampling Point: SP FW V8

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks

[1]Type: C= Concentration, D= Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ____ Histosol (A1)
- ____ Histic Epipedon (A2)
- ____ Black Histic (A3)
- ____ Hydrogen Sulfide (A4)
- ____ Depleted Below Dark Surface (A11)
- ____ Thick Dark Surface (A12)
- ____ Sandy Mucky Mineral (S1)
- ____ Sandy Gleyed Matrix (S4)
- ____ Sandy Redox (S5)
- ____ Stripped Matrix (S6)
- ____ Loamy Mucky Mineral (F1) (except MLRLA 1)
- ____ Loamy Gleyed Matrix (F2)
- ____ Depleted Matrix (F3)
- ____ Redox Dark Surface (F6)
- ____ Depleted Dark Surface (F7)
- ____ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ____ 2 cm Muck (A10)
- ____ Red Parent Material (TF2)
- ____ Very Shallow Dark Surface (TF12)
- ____ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ____ No X

Remarks:

Sample plot located on highly compacted gravel/cobble. Possibly former road grade. Unable to dig into soil, therefore soils not sampled.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Tables (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ____ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Surface Soil Cracks (B6)
- ____ Inundation Visible on Aeriel Imagery (B
- ____ Sparsley Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9) (**except MRLA 1, 2, 4A, and 4B**)
- ____ Salt Crust (B11)
- ____ Aquatic Invertebrates (B13)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres along Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Stunted or Stressed Plants (D1) (**LRR A**)
- ____ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ____ Water Stained Leaves (B9) (**MRLA 1, 2, 4A, and 4B**)
- ____ Drainage Patterns (B10)
- ____ Dry-Season Water Table (C2)
- ____ Saturation Visible on Aeriel Imagery (C9)
- ____ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ FAC-Neutral Test (D5)
- ____ Raised Ant Mounds (D6) (**LRR A**)
- ____ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? Yes ____ No X Depth (inches): _____

(includes capillary fringe)

Wetland Hydrology Present? Yes ____ No X

Describe Recorded Date (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Sample plot lacks primary and secondary indicators of wetland hydrology.

ATTACHMENT E

Wetland Rating Forms

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-01 Date of site visit: 2/18/2020

Rated by I. Lapina Trained by Ecology? ☑ Yes ☐ No Date of training Mar-19

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map _____

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	M	M	L	
Value	H	H	L	**Total**
Score Based on Ratings	7	6	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WFI-01

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

SLOPE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less — points = 3 Slope is > 1% - 2% — points = 2 Slope is > 2% - 5% — points = 1 Slope is greater than 5% — points = 0	3
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area — points = 6 Dense, uncut, herbaceous plants > ½ of area — points = 3 Dense, woody, plants > ½ of area — points = 2 Dense, uncut, herbaceous plants > ¼ of area — points = 1 Does not meet any of the criteria above for plants — points = 0	6
Total for S 1 — Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources < 150ft away from SR-99 Yes = 1 No = 0	1
Total for S 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	1
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ? Yes = 2 No = 0	0
Total for S 3 — Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-01

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	0

Rating of Site Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:
S 2.1. Sources of pollutants: residential, commercial uses, roads, parking lots, and encampments.
S 3.2. Wapato Creek is listed on 303d list; Wapato Cr located less than 1,000 feet to the west.
H 2.2. The only undisturbed habitat is the narrow riparian corridor along Wapato Creek.

Wetland name or number WFI-01

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

0

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.

Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

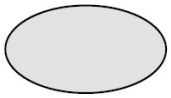

None = 0 points

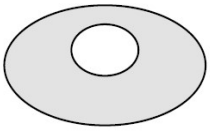

Low = 1 point

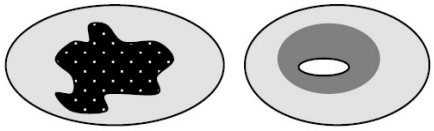

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

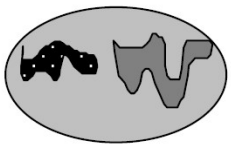

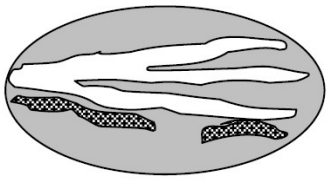

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**0**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (7 % moderate & low intensity land uses / 2) = 8.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-01

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-02 Date of site visit: 2/18-19/2020

Rated by I. Lapina Trained by Ecology? ☑ Yes ☐ No Date of training Mar-19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- ____ **Category II** - Total score = 20 - 22
- X **Category III** - Total score = 16 - 19
- ____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	7	9	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-02

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Aerial photo 6/2010 when water is low, it appears there is inlet from under the I-5. Aerials taken before 2007 shows no ponding. All aerials (from different month of the year) shows persisting permanent ponding in the middle of the unit.

Wetland name or number WFI-02

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-02

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		5
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-02

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

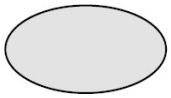

None = 0 points

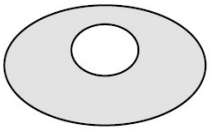

Low = 1 point

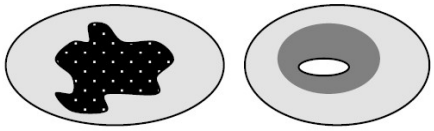

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

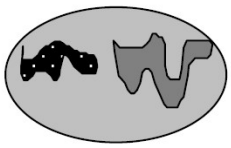

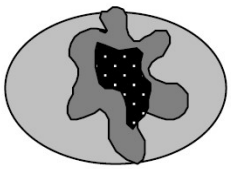

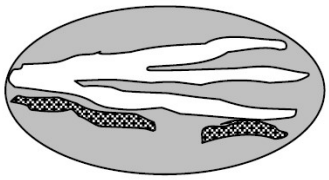

0

Wetland name or number WFI-02

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (9 % moderate & low intensity land uses / 2) = 9.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-02

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-03 Date of site visit: 2/19-20/2020

Rated by I. Lapina Trained by Ecology? ☑ Yes ☐ No Date of training Mar-19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	7	9	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-03

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
The wetland unit WFI03 located along the toeslope of fill for I-5. It unit seems to be maintained by high ground water and great amount of stormwater runoff. The lowest portion of the unit is channelized, flooding was observed of various depth, from few inches to 3 feet. Standing water/no flow. Inlets from I-5 bridge over the Puialup River bring stormwater into western portion of the unit. Team did not observe any outlets.

Wetland name or number WFI-03

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-03

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-03

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

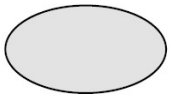

None = 0 points

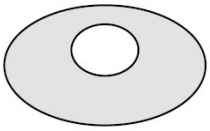

Low = 1 point

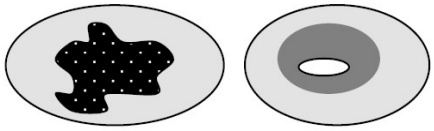

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

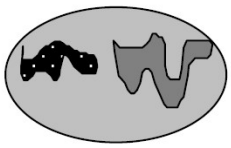

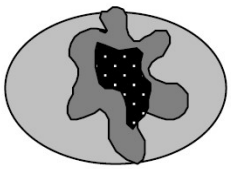

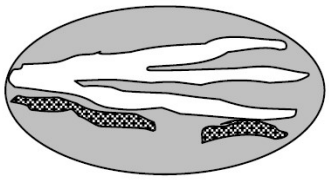

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 1.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-03

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-04 Date of site visit: 2/20/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training 2015

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	7	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-04

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☐ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☐ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☐ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-04

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☑ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	0
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-04

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 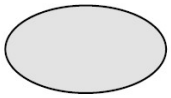 **None** = 0 points 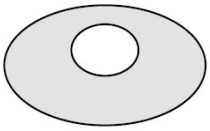 **Low** = 1 point 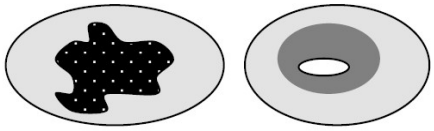 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 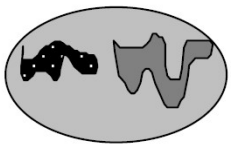 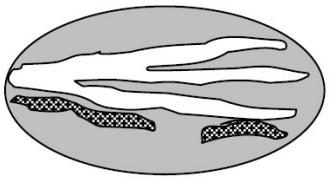	2

Wetland name or number WFI-04

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (7 % moderate & low intensity land uses / 2) = 3.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-04

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☑ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-05 Date of site visit: 2/20/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Apr-15

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	7	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-05

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		1
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		1
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-05

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-05

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

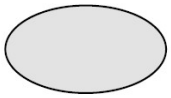

None = 0 points

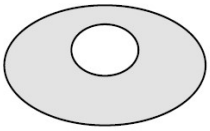

Low = 1 point

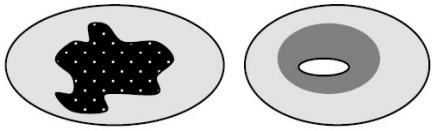

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

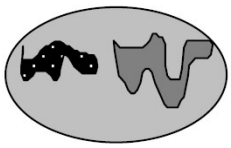

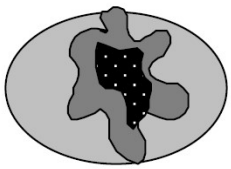

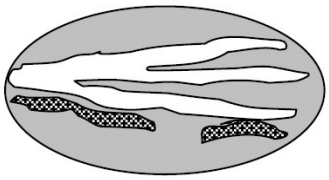

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (7 % moderate & low intensity land uses / 2) = 3.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-05

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-06 Date of site visit: 2/17/2020

Rated by K. Moser, P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- ____ **Category II** - Total score = 20 - 22
- X **Category III** - Total score = 16 - 19
- ____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	7	8	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-06

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-06

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5 ramp	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-06

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-06

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

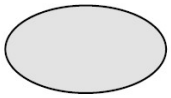

None = 0 points

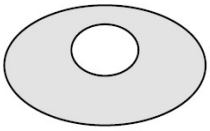

Low = 1 point

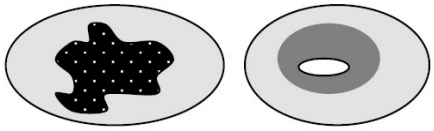

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

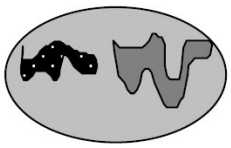

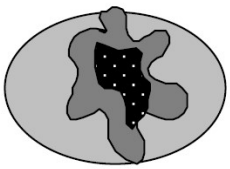

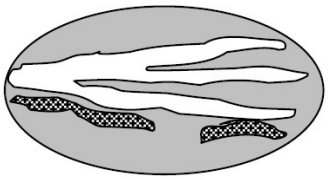

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 2.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-06

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-07 Date of site visit: 2/17/2020

Rated by K. Moser, P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	7	8	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5 ramp	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 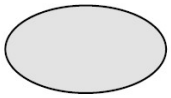 **None** = 0 points 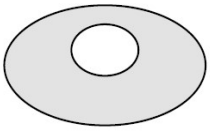 **Low** = 1 point 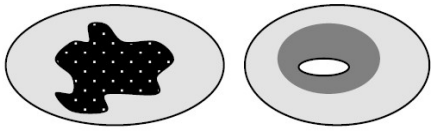 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 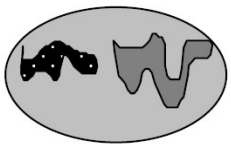 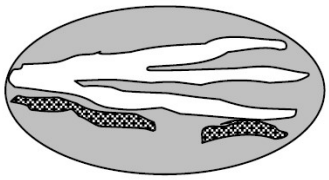	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 2.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-08a Date of site visit: 2/21/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Apr-15

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	8	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-08a

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☐ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☐ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☐ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-08a

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5 and SR-99	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-08a

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	2
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 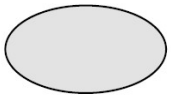 **None** = 0 points 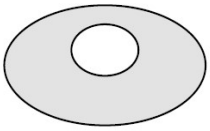 **Low** = 1 point 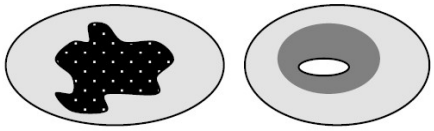 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**10**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (14 % moderate & low intensity land uses / 2) = 7% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-08a

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Wetland name or number WFI-08b

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-08b Date of site visit: 2/21/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	8	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-08b

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-08b

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-08b

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 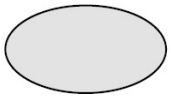 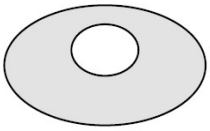 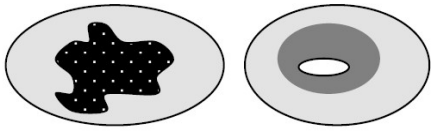 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 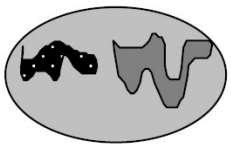 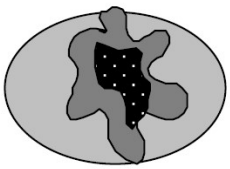 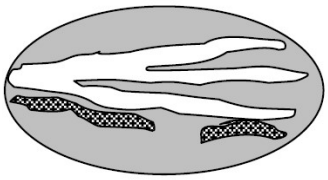	2

Wetland name or number WFI-08b

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 Add the points in the boxes above	**8**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (7.5 % moderate & low intensity land uses / 2) = 3.75% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-08b

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Wetland name or number WFI-08c

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-08c Date of site visit: 2/21/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	M	H	M	**Total**
Score Based on Ratings	7	7	4	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-08c

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-08c

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	0
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-08c

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 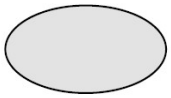 **None** = 0 points 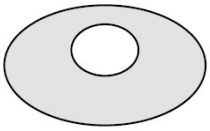 **Low** = 1 point 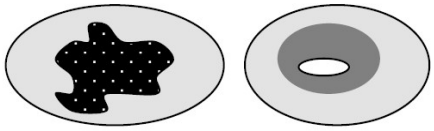 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 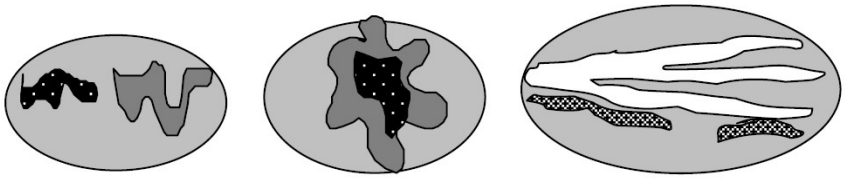	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (18 % moderate & low intensity land uses / 2) = 9% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-08c

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-08d Date of site visit: 2/21/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (figures can be combined).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐

1. Category of wetland based on FUNCTIONS

_____ Category I - Total score = 23 - 27
_____ Category II - Total score = 20 - 22
X Category III - Total score = 16 - 19
_____ Category IV - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	M	L	
Value	M	H	M	Total
Score Based on Ratings	6	7	4	17

Score for each function based on three ratings (order of ratings is not important)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WFI-08d

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-08d

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		3
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources SR-99	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	0
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-08d

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 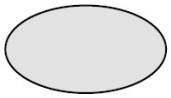 **None** = 0 points 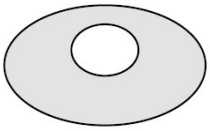 **Low** = 1 point 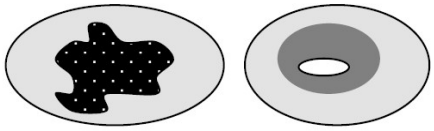 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 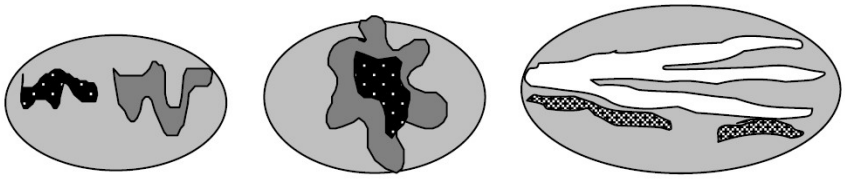	1

Wetland name or number WFI-08d

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (12 % moderate & low intensity land uses / 2) = 6% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-08d

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-09 Date of site visit: 2/20/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	H	H	H	**Total**
Score Based on Ratings	8	7	5	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	1
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources <u>< 150 feet away from I-5</u>	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**6**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	1
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	2
Total for R 3	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-09

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☑ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

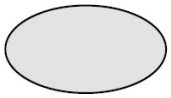

None = 0 points

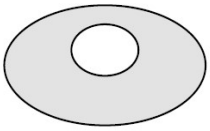

Low = 1 point

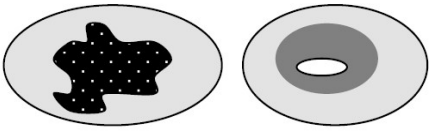

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

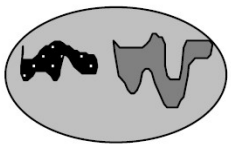

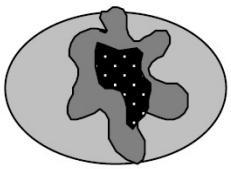

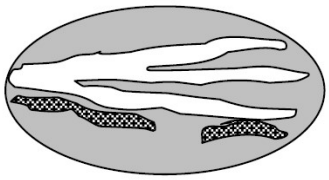

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0.4 % undisturbed habitat + (0.3 % moderate & low intensity land uses / 2) = 0.55% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 8 % undisturbed habitat + (4 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☑ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☑ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☑ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number ____WFI-09

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☑ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☑ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☑ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-10 Date of site visit: 2/20/2020

Rated by J. Wozniak, P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training 2015, 2014

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☐ or special characteristics ☑)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	H	H	H	**Total**
Score Based on Ratings	8	9	5	**22**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	I
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	

Wetland name or number WFI-10

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-10

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source railroad	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**3**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-10

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-10

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

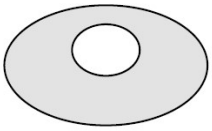

Low = 1 point

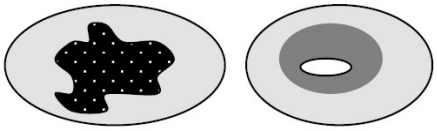

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

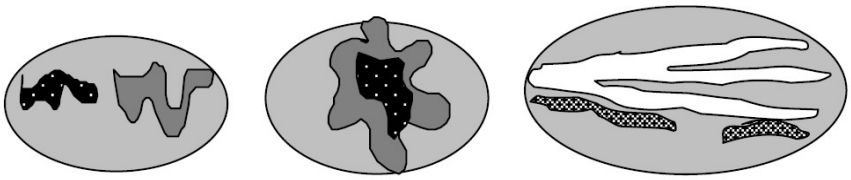

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 8 % undisturbed habitat + (4 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☑ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-10

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.*** ☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more. ☑ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm). ☑ Yes = **Category I** ☐ No = **Not a forested wetland for this section**	**Cat. I**
SC 5.0. Wetlands in Coastal Lagoons Does the wetland meet all of the following criteria of a wetland in a coastal lagoon? ☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks ☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*) ☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon** SC 5.1. Does the wetland meet all of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100). ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2) ☐ Yes = **Category I** ☐ No = **Category II**	
SC 6.0. Interdunal Wetlands Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.*** In practical terms that means the following geographic areas: ☐ Long Beach Peninsula: Lands west of SR 103 ☐ Grayland-Westport: Lands west of SR 105 ☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109 ☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating** SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)? ☐ Yes = **Category I** ☐ No - Go to **SC 6.2** SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger? ☐ Yes = **Category II** ☐ No - Go to **SC 6.3** SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac? ☐ Yes = **Category III** ☐ No = **Category IV**	
Category of wetland based on Special Characteristics If you answered No for all types, enter "Not Applicable" on Summary Form	**Cat. I**

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-11 Date of site visit: 2/25/2020

Rated by K. Moser Trained by Ecology? ☑ Yes ☐ No Date of training Jun-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	M	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	9	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-11

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-11

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		4
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-11

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	4
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☑ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	5
Total for D 4 Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-11

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

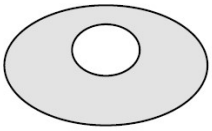

Low = 1 point

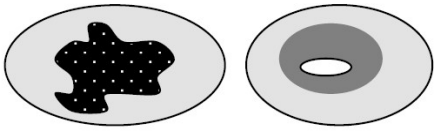

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

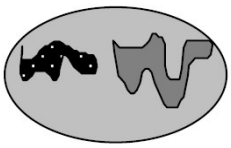

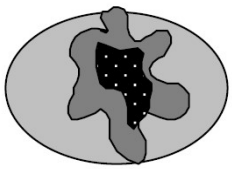

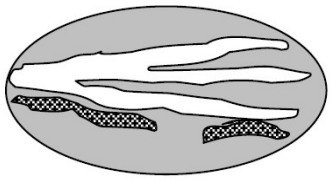

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 2 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 4.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-11

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-12 Date of site visit: 2/25/2020

Rated by K. Moser Trained by Ecology? ☑ Yes ☐ No Date of training Jun-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	M	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	5	8	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WFI-12

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-12

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-12

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	4
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	0
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☑ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	5
Total for D 4 Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): ● Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ ● Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-12

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 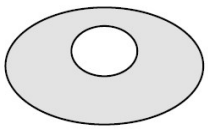 **Low** = 1 point 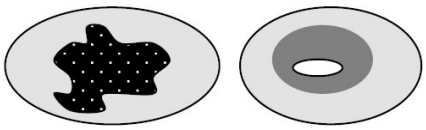 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 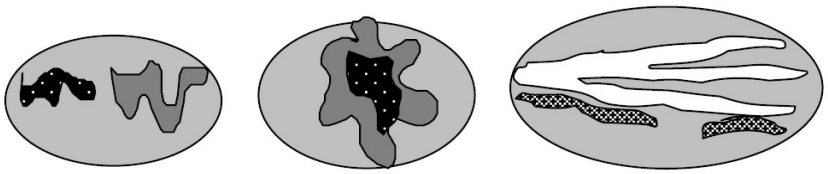	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**0**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 1.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 7.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated* . Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-12

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-13 Date of site visit: 2/21/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Apr-15

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	M	H	L	
Value	M	H	M	**Total**
Score Based on Ratings	6	9	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-13

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-13

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-13

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-13

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

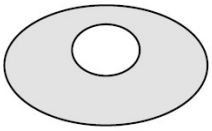

Low = 1 point

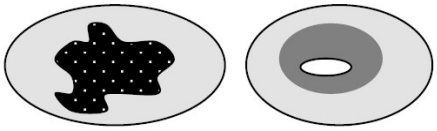

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

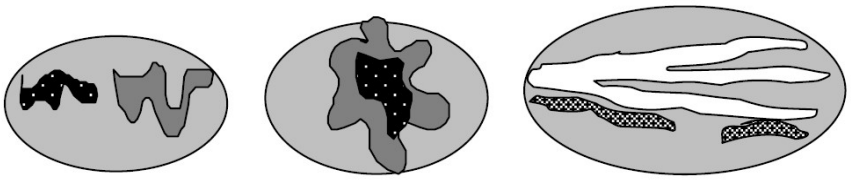

1

Wetland name or number WFI-13

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (2 % moderate & low intensity land uses / 2) = 1% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (8 % moderate & low intensity land uses / 2) = 4% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-13

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-14a and WFI-14b Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional & Flats Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	8	8	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-14a and WFI-14b

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-14a and WFI-14b

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-14a and WFI-14b

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	1
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	3
Total for D 4 Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFI-14a and WFI-14b

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

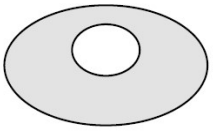

Low = 1 point

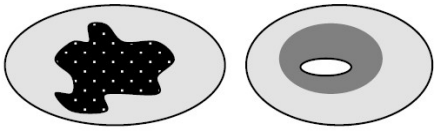

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

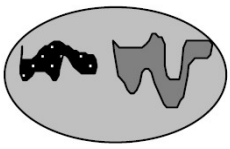

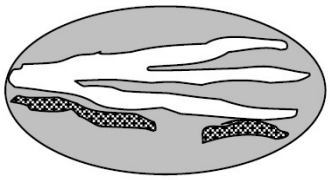

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 7.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-14a and WFI-14b

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-15 Date of site visit: Remote

Rated by Aaron Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2018

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	8	8	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-15

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-15

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-15

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-15

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

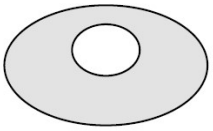

Low = 1 point

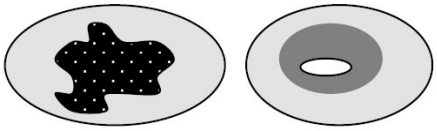

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

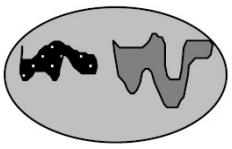

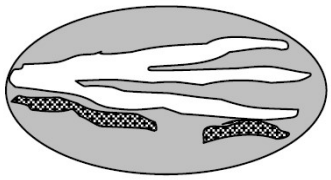

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* _____ % undisturbed habitat + (_____ % moderate & low intensity land uses / 2) = If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* _____ % undisturbed habitat + (_____ % moderate & low intensity land uses / 2) = Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-15

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☑ Yes - Go to **SC 3.3** ☐ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-16 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	8	8	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-16

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-16

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99, trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-16

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-16

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 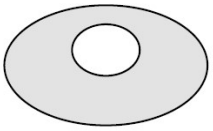 **Low** = 1 point 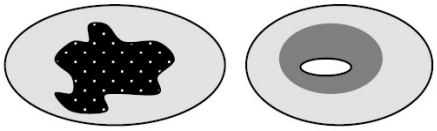 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 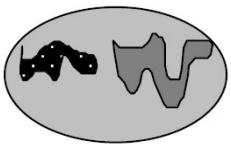 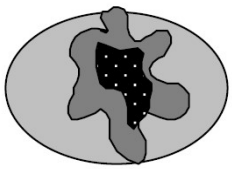 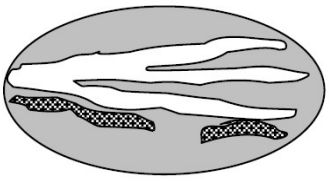	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 7.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-16

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-17 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	7	8	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-17

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-17

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-17

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-17

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 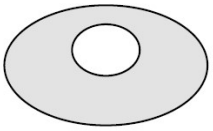 **Low** = 1 point 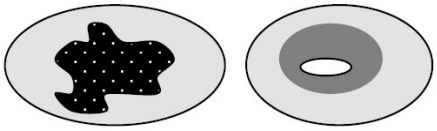 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 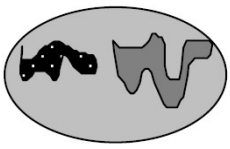 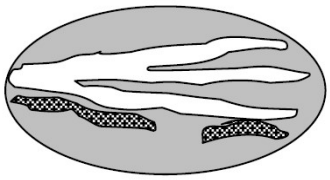	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 15 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 20% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-17

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-18 Date of site visit: 2/20/2020

Rated by J. Wozniak Trained by Ecology? ☑ Yes ☐ No Date of training Jul-05

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	7	8	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
The wetland is within the Belmor Regional Storm Water Storage Facility, and is a depression which stores water overflowing from the West Fork of Hylebos Creek. The creek flows through two culverts at the head of the wetland and flows through the wetland to the outlet culvert. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		1
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source trash, waterfowl	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 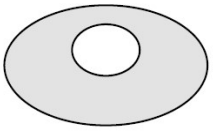 **Low** = 1 point 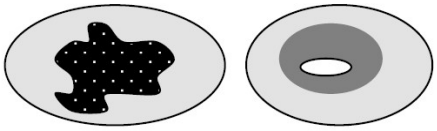 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 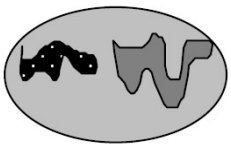 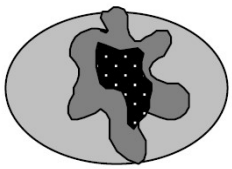 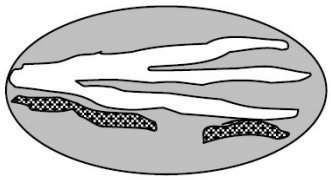	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 8 % undisturbed habitat + (6 % moderate & low intensity land uses / 2) = 11% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 12.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☑ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☑ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-19, WFI-20, WFI-21, WFI-22, WFI-30 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	8	8	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?	
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1	2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*). Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0	5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0	2
Total for D 1 Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?	
D 2.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland? Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5, Union Pacific RR Yes = 1 No = 0	1
Total for D 2 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?	
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list? Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)? Yes = 2 No = 0	2
Total for D 3 Add the points in the boxes above	**3**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-19, WFI-20, WFI-21, WFI-22, WFI-30

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 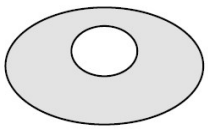 **Low** = 1 point 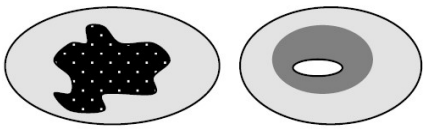 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 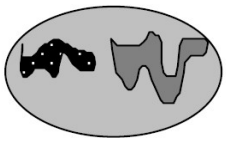 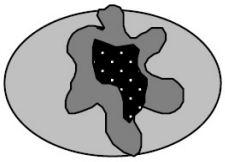 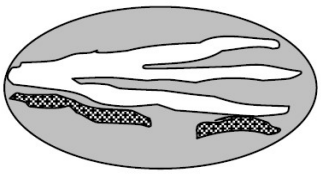	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 12.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated* . Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-23 Date of site visit: remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☐ or special characteristics ☑)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	H	H	H	**Total**
Score Based on Ratings	8	9	5	**22**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	I
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	

Wetland name or number WFI-23

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-23

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Union Pacific RR	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**3**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-23

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-23

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

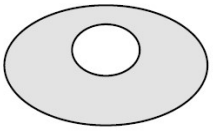

Low = 1 point

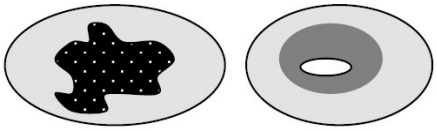

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

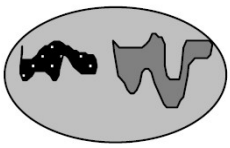

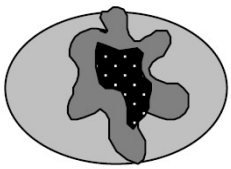

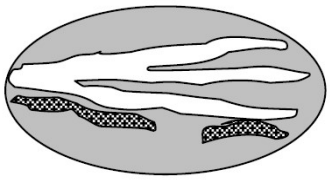

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 12.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-23

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.*** ☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more. ☑ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm). ☑ Yes = **Category I** ☐ No = **Not a forested wetland for this section**	**Cat. I**
SC 5.0. Wetlands in Coastal Lagoons Does the wetland meet all of the following criteria of a wetland in a coastal lagoon? ☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks ☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*) ☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon** SC 5.1. Does the wetland meet all of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100). ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2) ☐ Yes = **Category I** ☐ No = **Category II**	
SC 6.0. Interdunal Wetlands Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.*** In practical terms that means the following geographic areas: ☐ Long Beach Peninsula: Lands west of SR 103 ☐ Grayland-Westport: Lands west of SR 105 ☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109 ☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating** SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)? ☐ Yes = **Category I** ☐ No - Go to **SC 6.2** SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger? ☐ Yes = **Category II** ☐ No - Go to **SC 6.3** SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac? ☐ Yes = **Category III** ☐ No = **Category IV**	
Category of wetland based on Special Characteristics If you answered No for all types, enter "Not Applicable" on Summary Form	

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-24 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	M	H	M	**Total**
Score Based on Ratings	7	8	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-24

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-24

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Union Pacific RR, I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-24

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-24

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

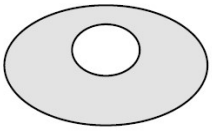

Low = 1 point

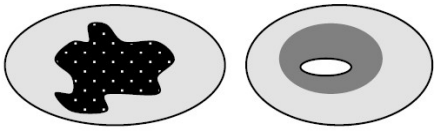

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

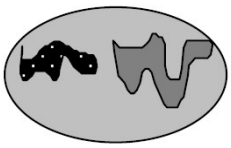

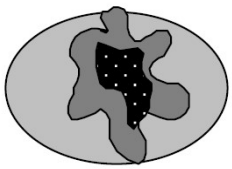

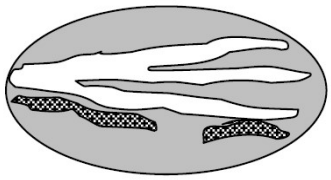

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 1 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 11% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-24

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-25 Date of site visit: 2/20/2020

Rated by J. Wozniak, A. Hoenig Trained by Ecology? ☑ Yes ☐ No Date of training Jul-05

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	9	5	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		4
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 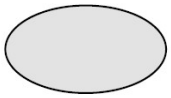 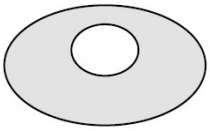 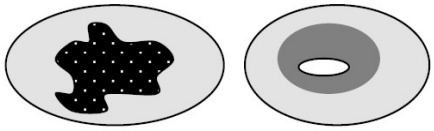 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 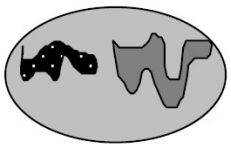 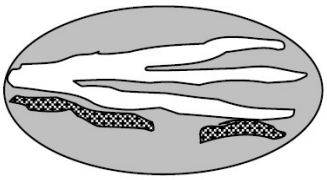	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 2% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 12.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-26 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	8	3	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-26

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-26

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-26

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFI-26

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 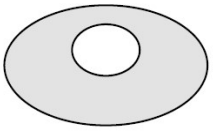 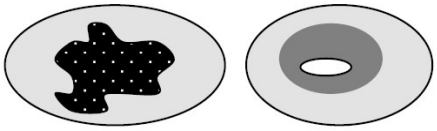 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 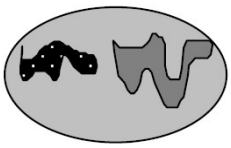 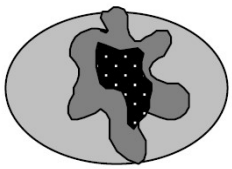 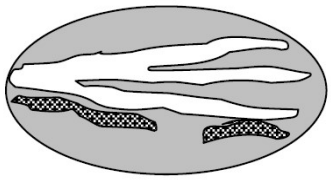	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-26

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☑ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-27 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	8	3	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-27

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-27

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		0
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-27

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-27

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

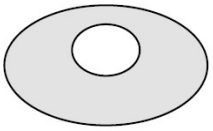

Low = 1 point

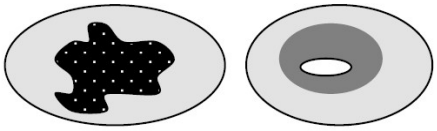

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

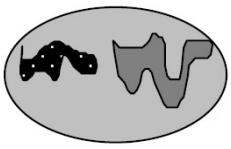

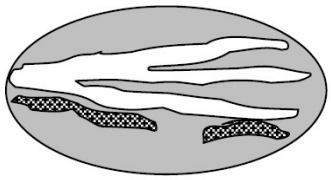

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 7.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-27

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-28 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY IV (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
X **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	M	M	L	
Value	M	H	L	**Total**
Score Based on Ratings	5	7	3	**15**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-28

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-28

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		0
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**1**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-28

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-28

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

0

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

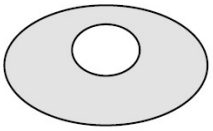

Low = 1 point

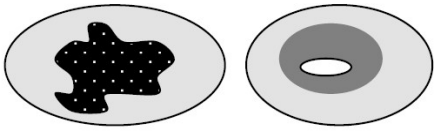

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

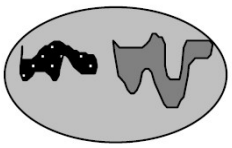

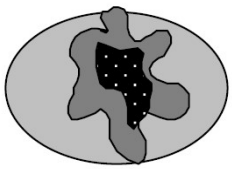

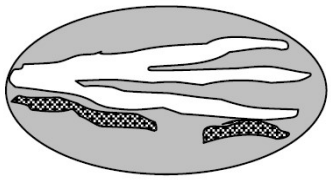

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**0**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 20% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-28

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☐ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-32 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional & Flats Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	H	H	L	**Total**
Score Based on Ratings	8	8	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source trash, SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 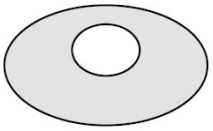 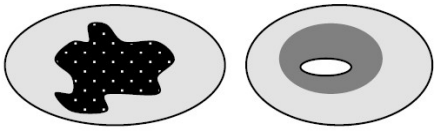 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 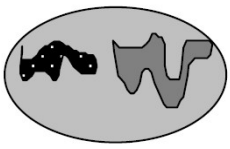 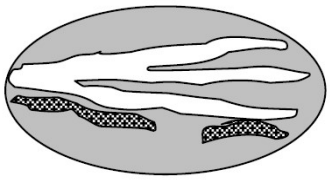	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 7.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-33 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	M	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	8	4	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-33

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-33

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-33

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFI-33

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

2

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

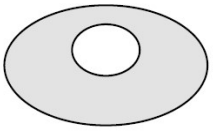

Low = 1 point

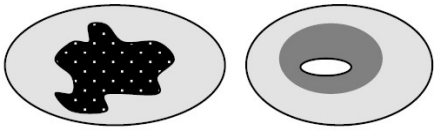

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

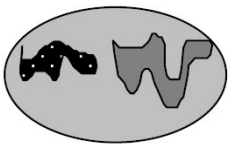

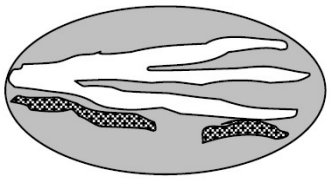

2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**7**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-33

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-34, WFI-35 (a-e) Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	M	H	M	**Total**
Score Based on Ratings	6	8	4	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 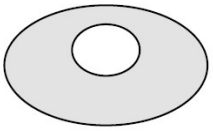 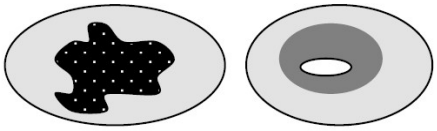 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 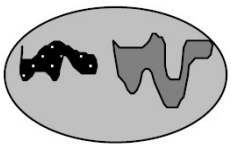 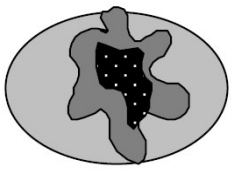 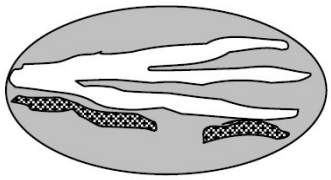	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 5 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 7.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFI-36 Date of site visit: N/A

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	M	H	H	**Total**
Score Based on Ratings	6	7	5	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFI-36

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFI-36

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5, trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-36

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFI-36

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

0

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

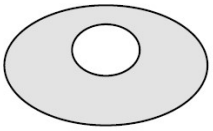

Low = 1 point

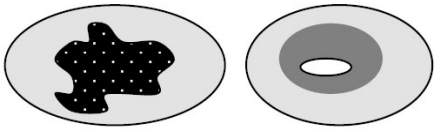

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

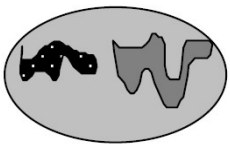

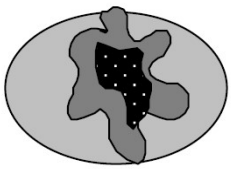

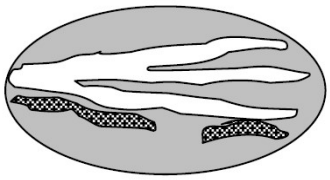

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 1% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFI-36

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☐ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☐ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☐ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☐ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☐ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☐ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☐ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-01 Date of site visit: 10/9/2019

Rated by A. Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct-20

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **II** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- **X** **Category II** - Total score = 20 - 22
- ____ **Category III** - Total score = 16 - 19
- ____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	M	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	7	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-01

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

Wetland name or number WFW-01

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		4
Total for D 1	Add the points in the boxes above	**11**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source proximity to I-5, and homeless encampments	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-01

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		0
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 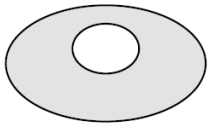 **Low** = 1 point 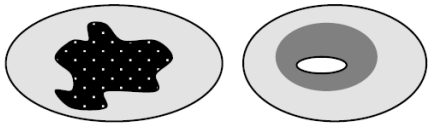 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 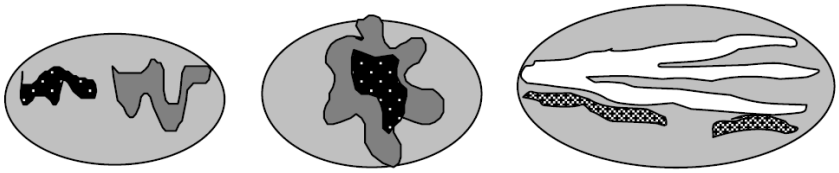	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**9**

Rating of Site Potential If Score is: ☐**15 - 18 = H** ☑ **7 - 14 = M** ☐**0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.4 % undisturbed habitat + (1.2 % moderate & low intensity land uses / 2) = 3% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25.2 % undisturbed habitat + (22.2 % moderate & low intensity land uses / 2) = 36.3% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☑ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-01

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-01
Cowardin Plant Classes and Cover

N

0 100 200 Feet

OMF South

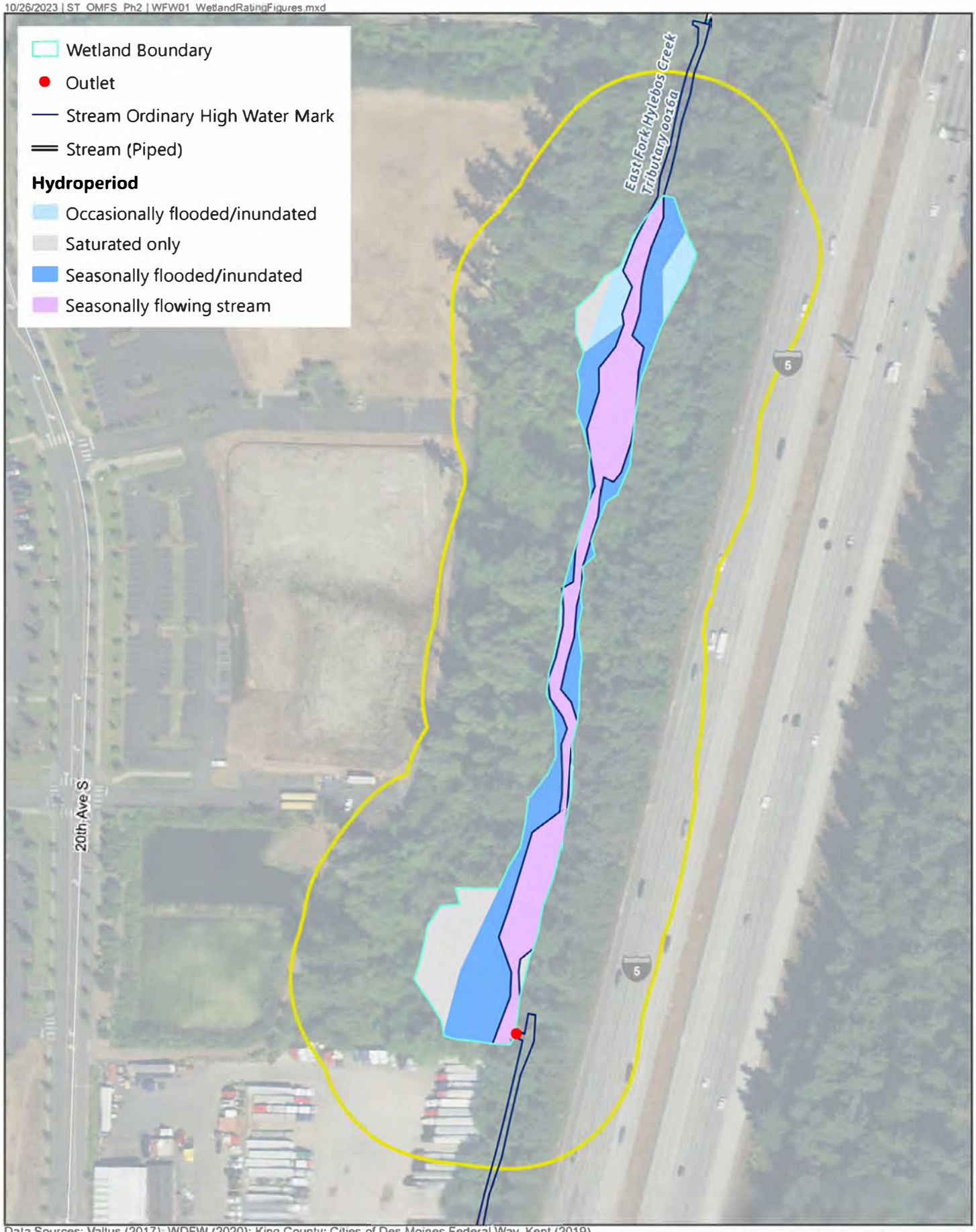

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-01
Hydroperiods

N

0 100 200 Feet

OMF South

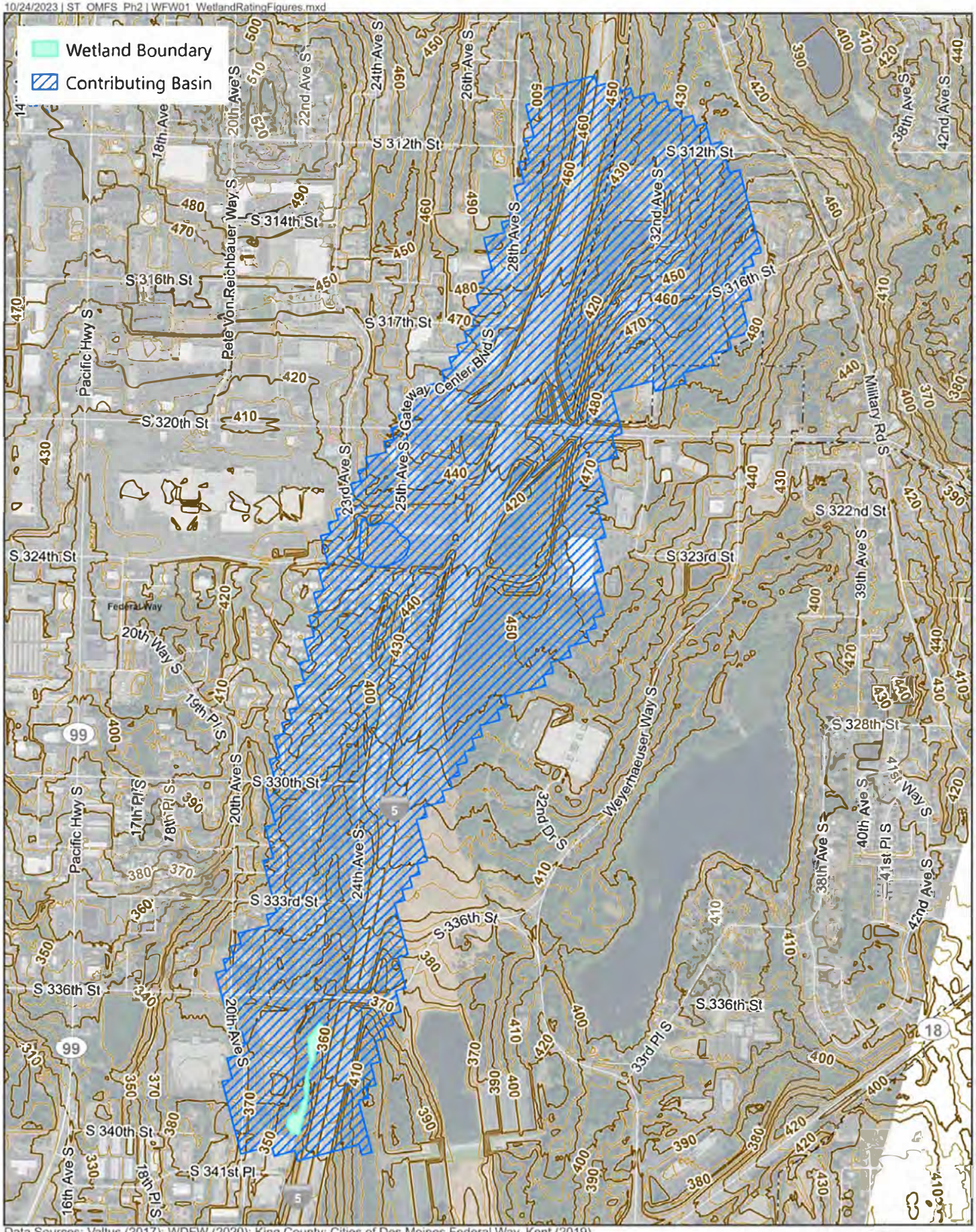

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-01
Contributing Basin

N

0 800 1,600 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW01_WetlandRatingFigures.mxd

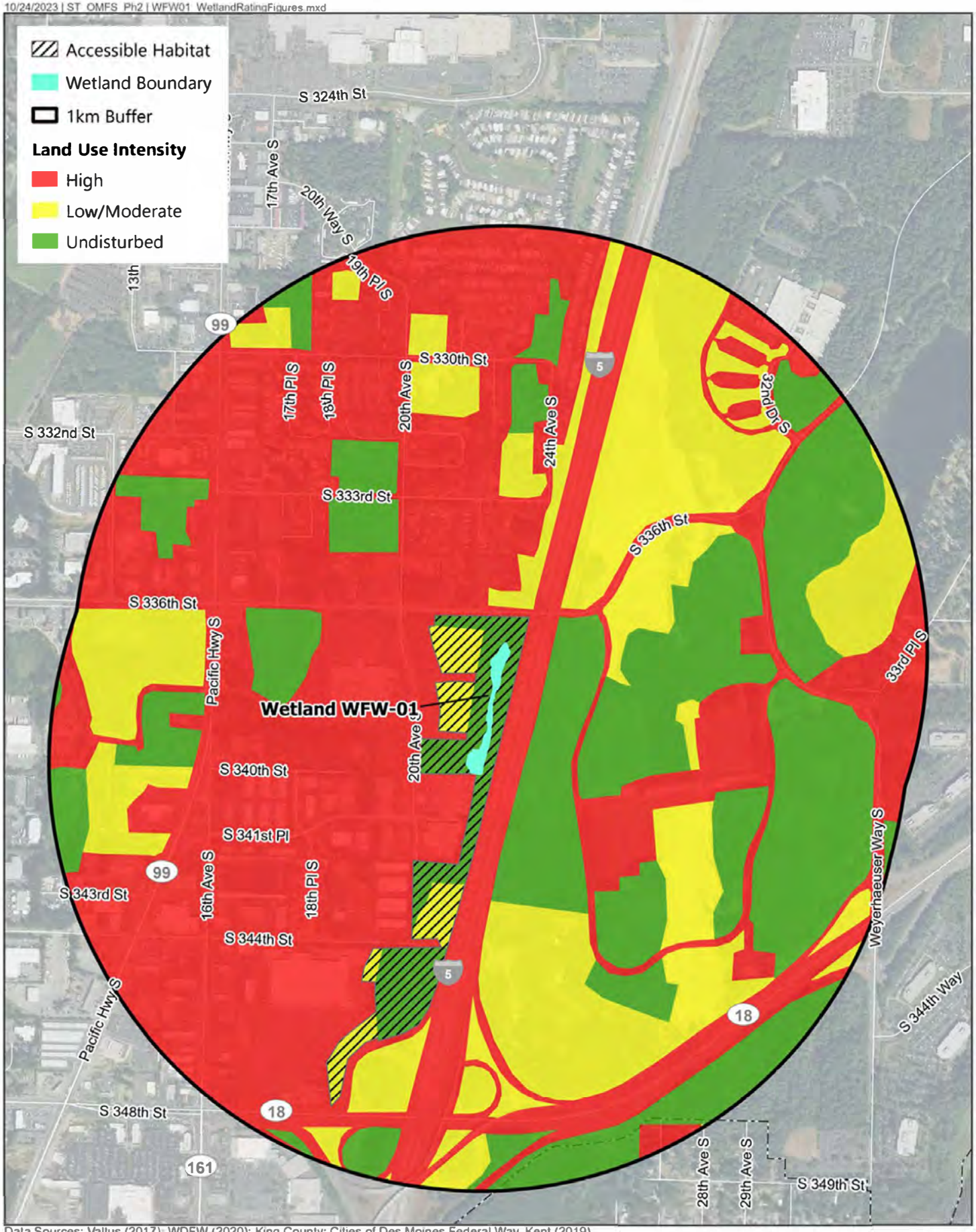

Data Sources: Vallus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-01
Land Use Intensity

N

0 750 1,500 Feet

OMF South

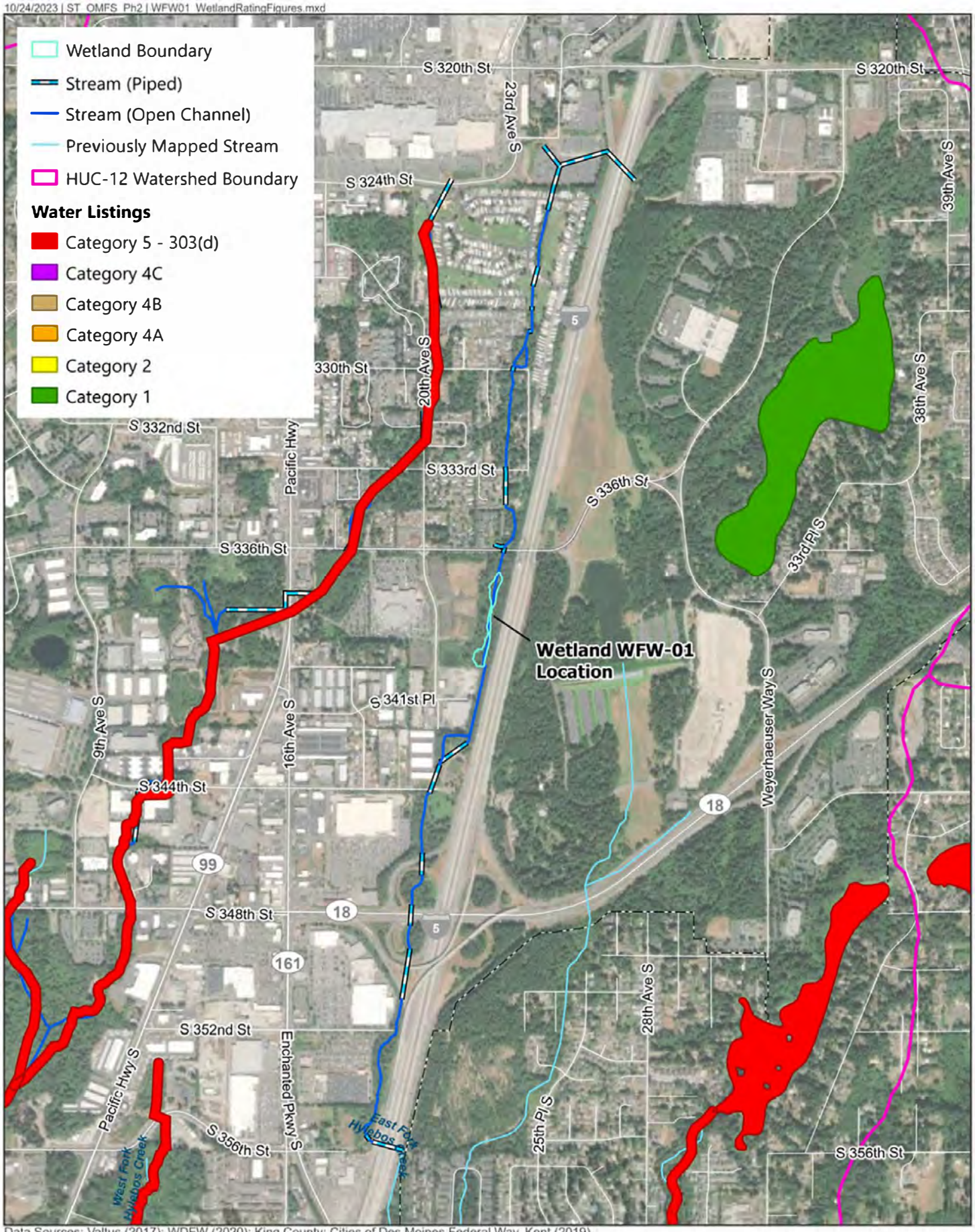

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-01
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-03 Date of site visit: 10/18/2019

Rated by T. Story, revised by A. Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct-20

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **II** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	H	**Total**
Score Based on Ratings	6	8	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-3

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^{3}/_{4}$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^{2}/_{3}$ area of the wetland	points = 8	
☑ Trees or shrubs > $^{1}/_{3}$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^{2}/_{3}$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^{1}/_{3}$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^{1}/_{3}$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources proximity to I-5	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-3

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 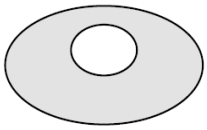 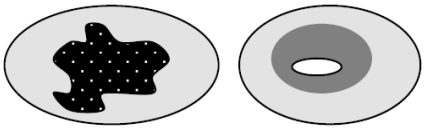 **None** = 0 points **Low** = 1 point **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 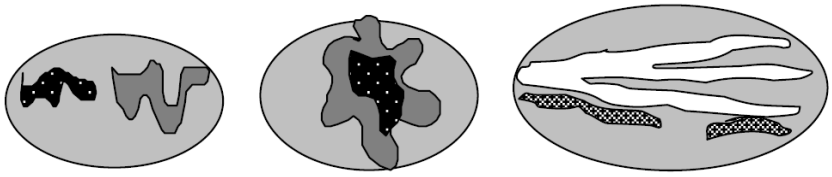	1

Wetland name or number WFW-3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**7**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.7 % undisturbed habitat + (1.3 % moderate & low intensity land uses / 2) = 3.35% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 27.9 % undisturbed habitat + (19.7 % moderate & low intensity land uses / 2) = 37.75% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-3

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

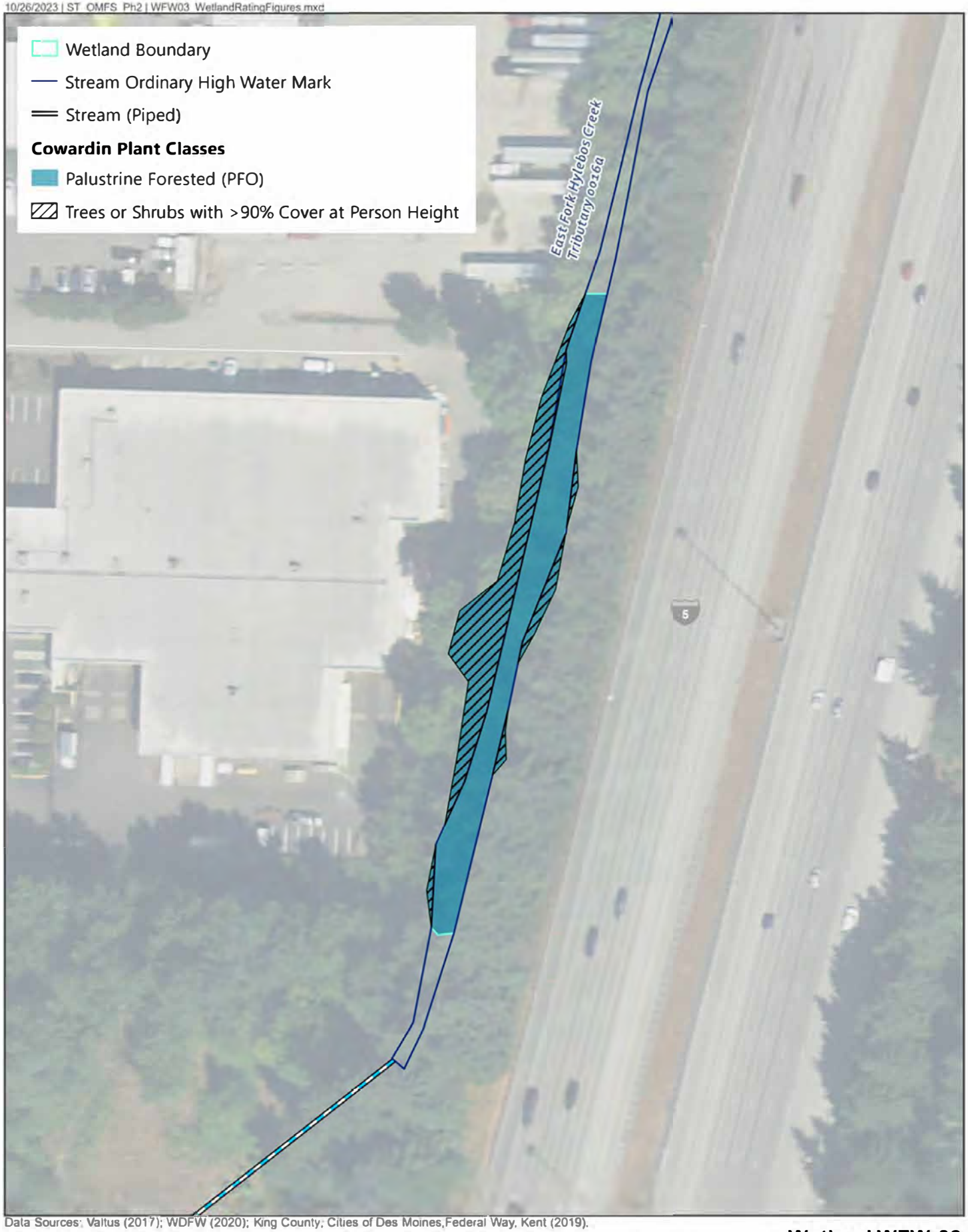

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-03
Cowardin Plant Classes and Cover

N

0 75 150 Feet

OMF South

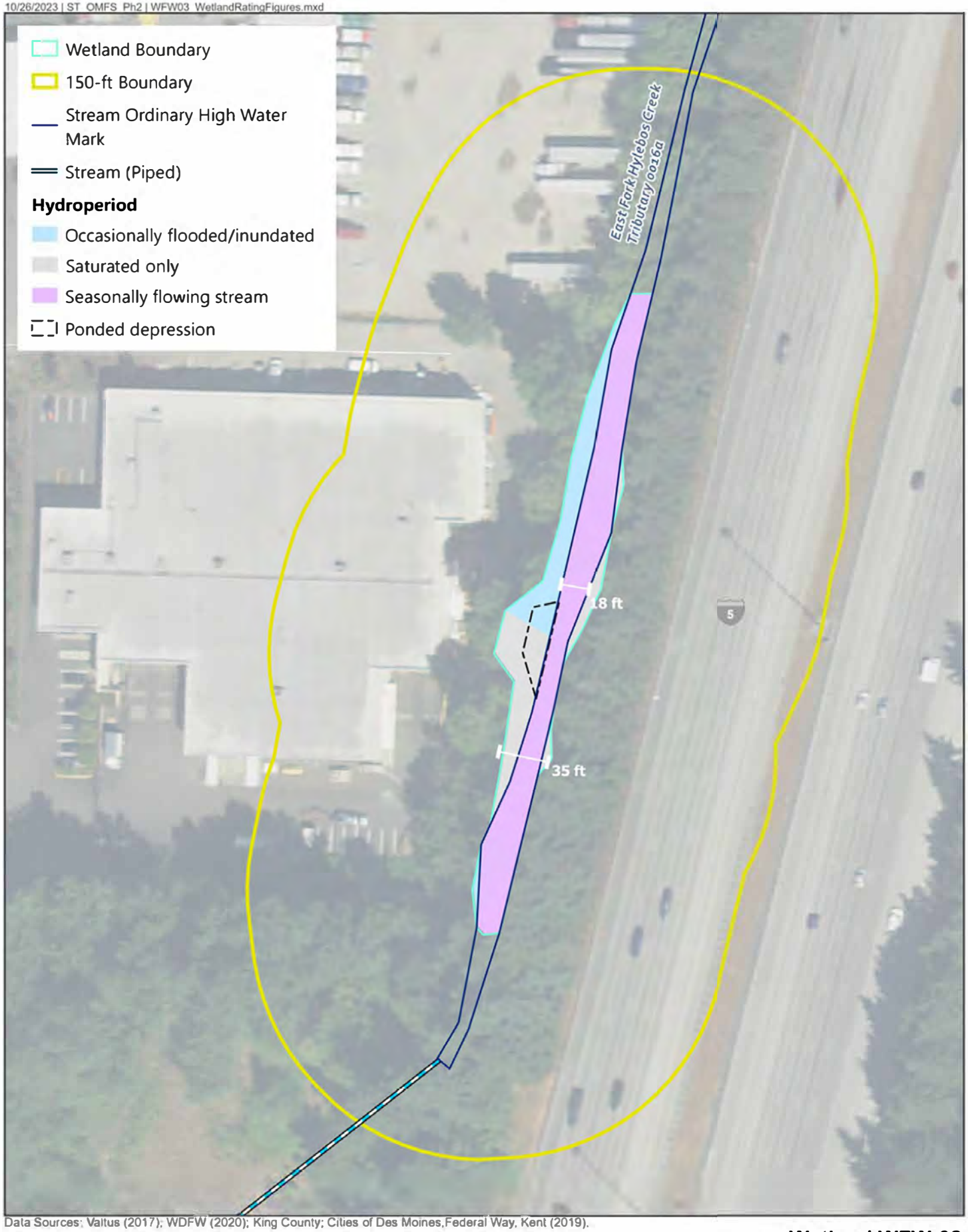

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-03
Hydroperiods

N

0 75 150 Feet

OMF South

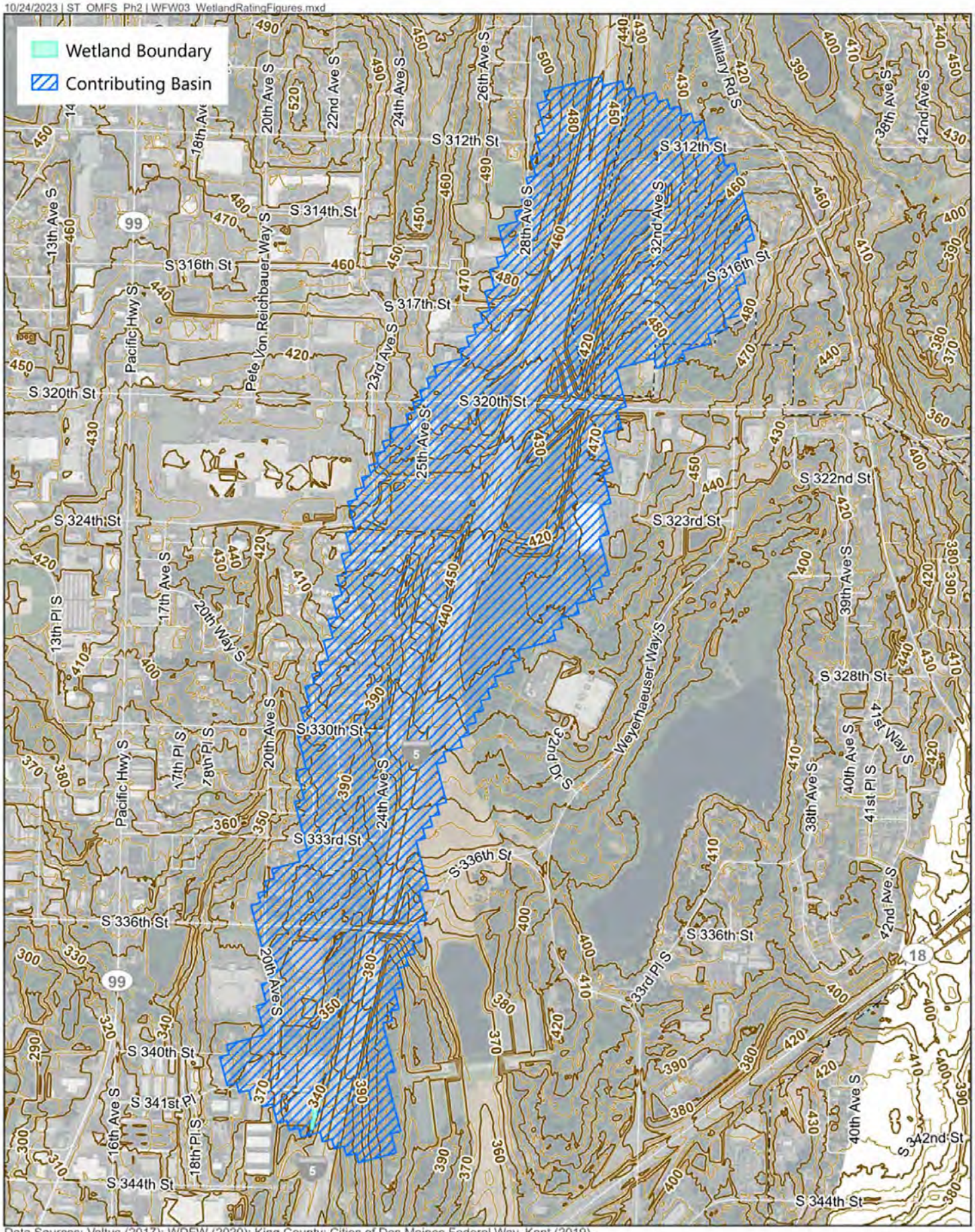

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-03
Contributing Basin

N

0 1,000 2,000 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW03_WetlandRatingFigures.mxd

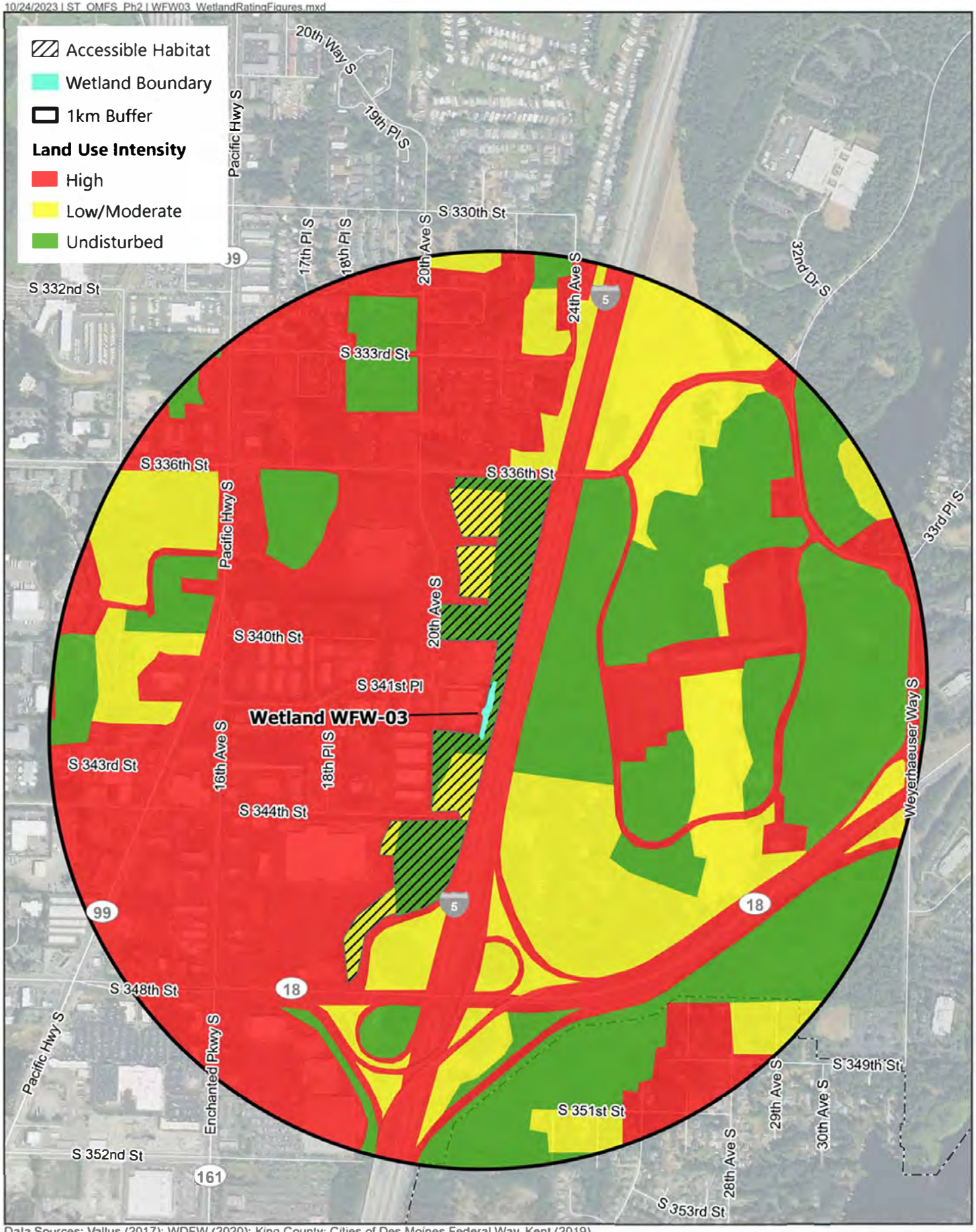

Data Sources: Vallus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-03
Land Use Intensity

N

0 750 1,500 Feet

OMF South

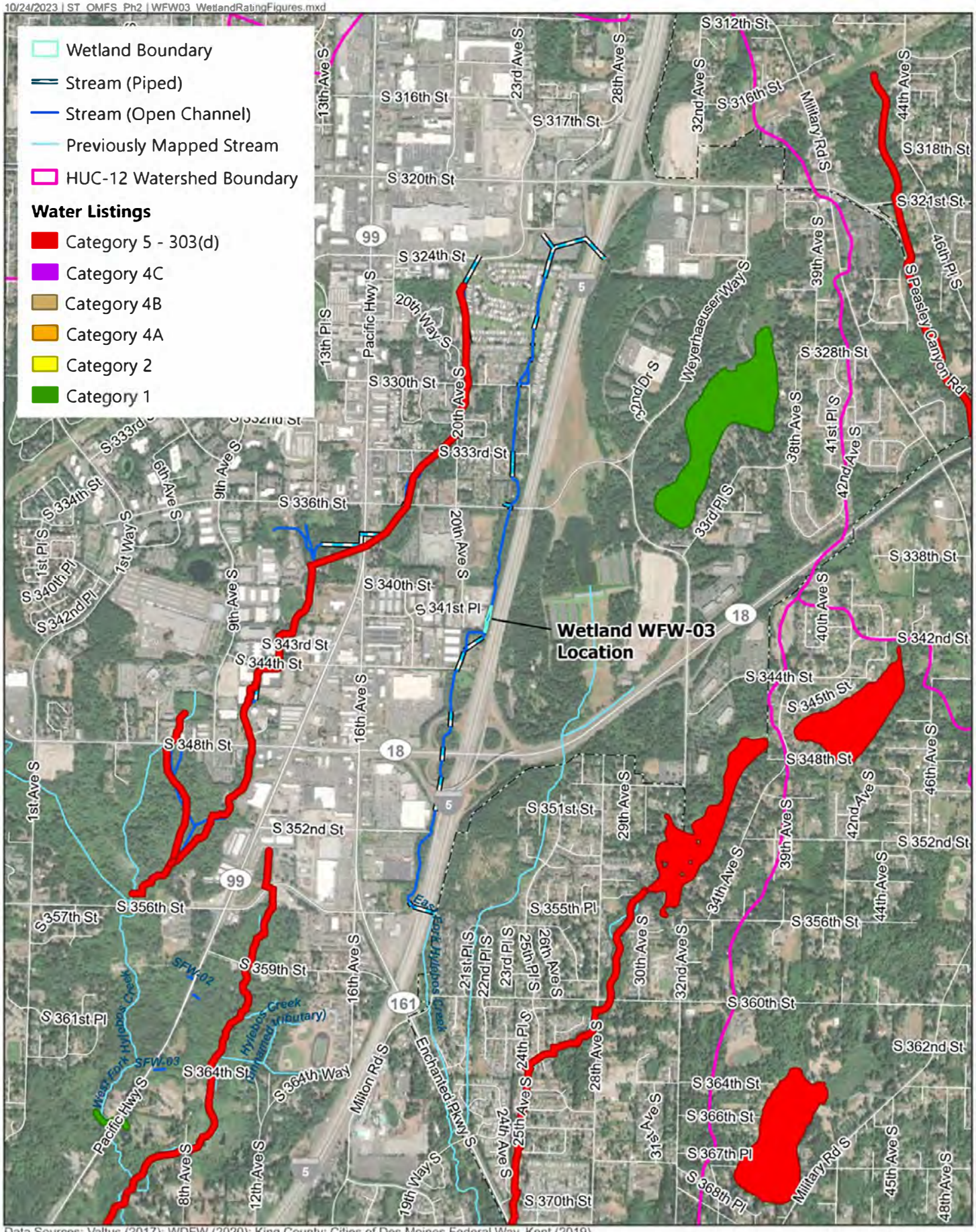

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-03
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

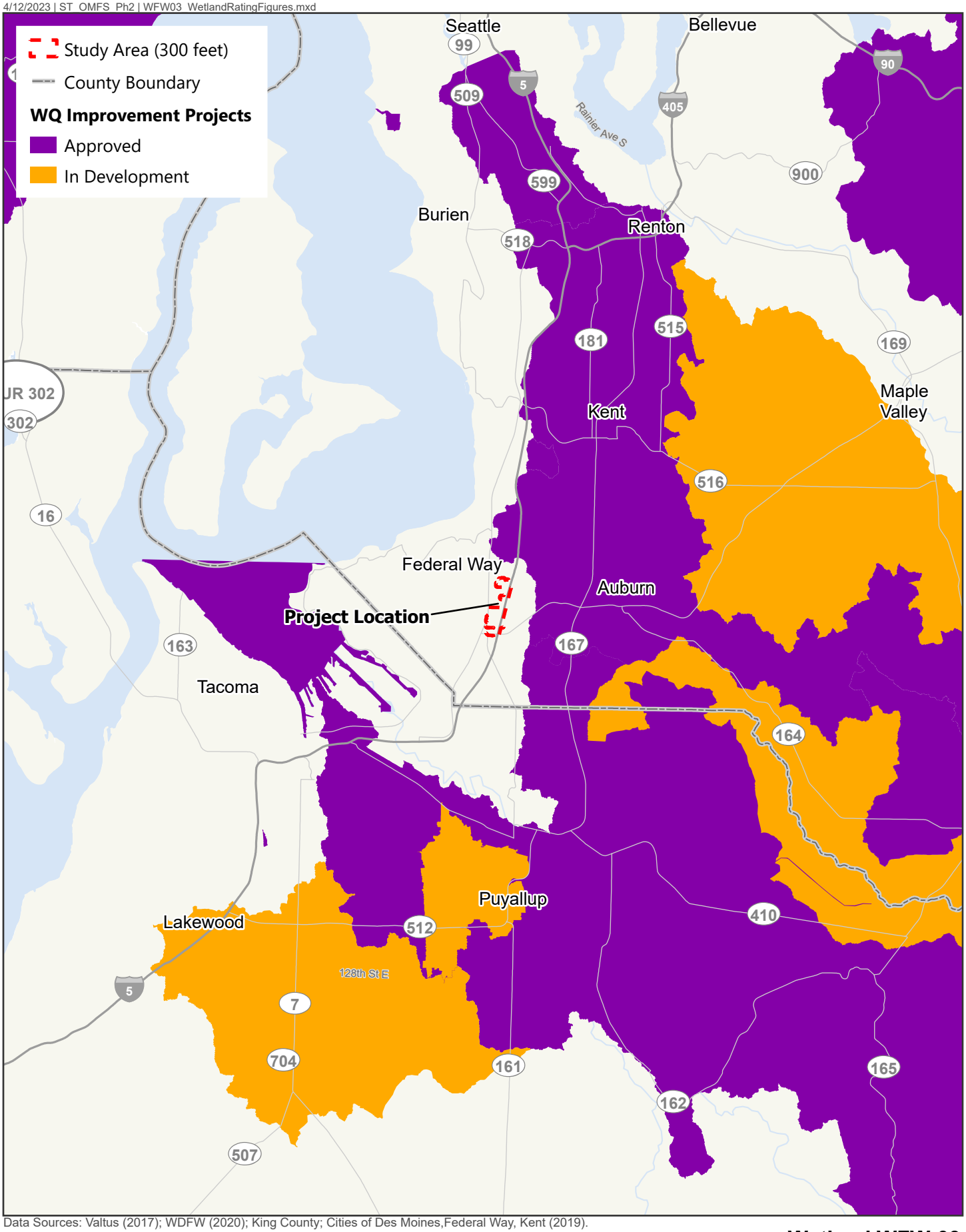

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-03

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-04 Date of site visit: 10/18/2019

Rated by A. Weiss (updated), T. Story Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **II** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- **X** **Category II** - Total score = 20 - 22
- ____ **Category III** - Total score = 16 - 19
- ____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	8	5	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-04

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-04

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source homeless encampments	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-04

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		0
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-04

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 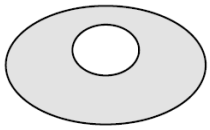 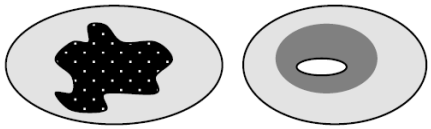 **None** = 0 points **Low** = 1 point **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 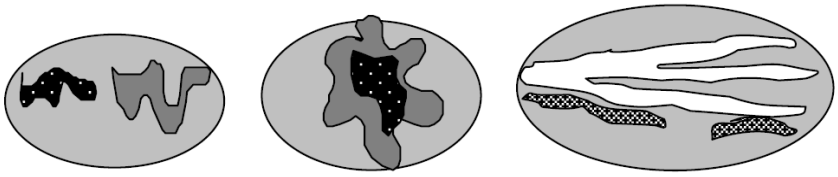	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☑ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.6 % undisturbed habitat + (1.3 % moderate & low intensity land uses / 2) = 3.25% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 26.5 % undisturbed habitat + (18.2 % moderate & low intensity land uses / 2) = 35.6% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-04

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-04
Cowardin Plant Classes and Cover

N

0 75 150 Feet

OMF South

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-04
Hydroperiods

N

0 75 150 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW04_WetlandRatingFigures.mxd

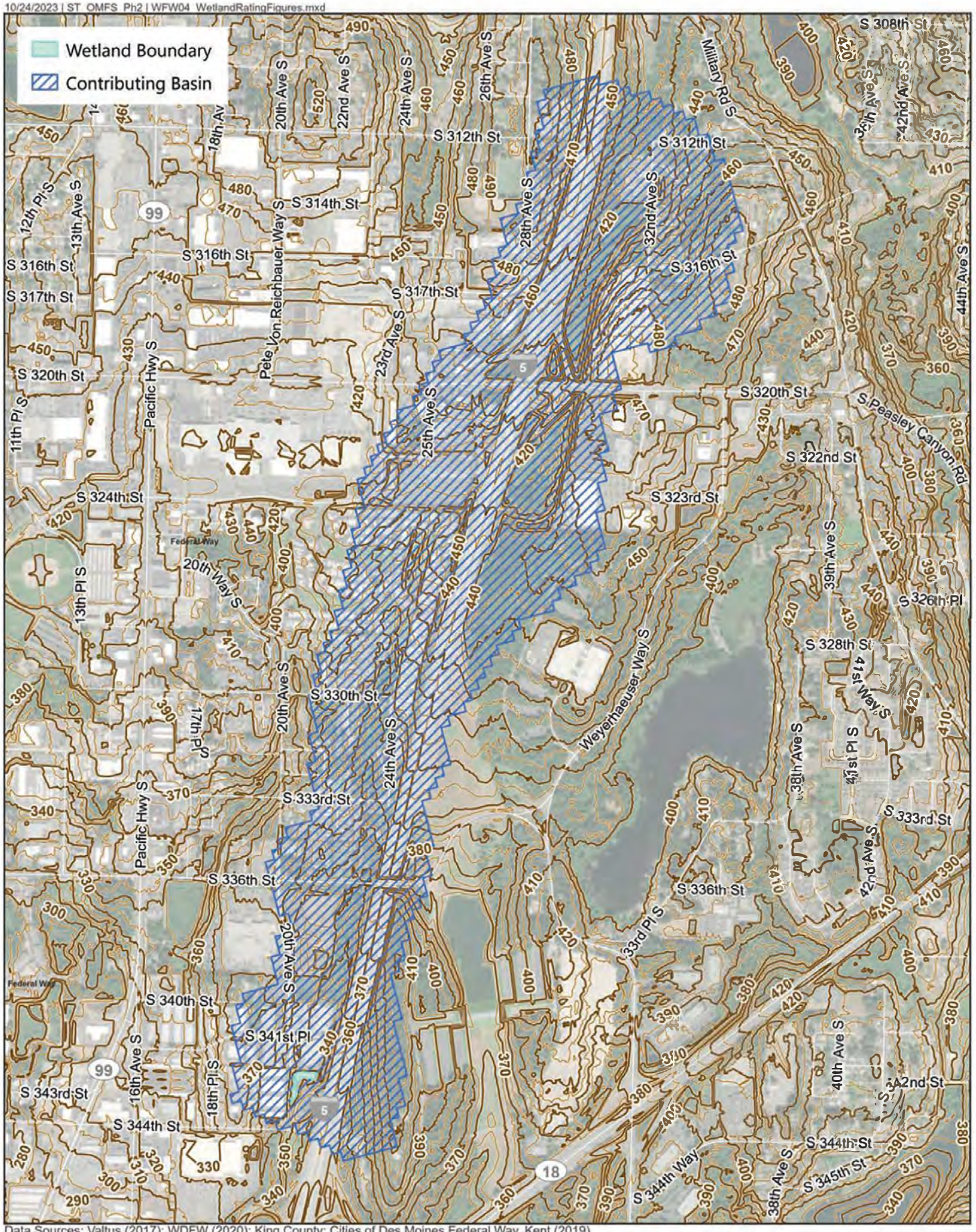

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-04
Contributing Basin

N

0 1,000 2,000 Feet

OMF South

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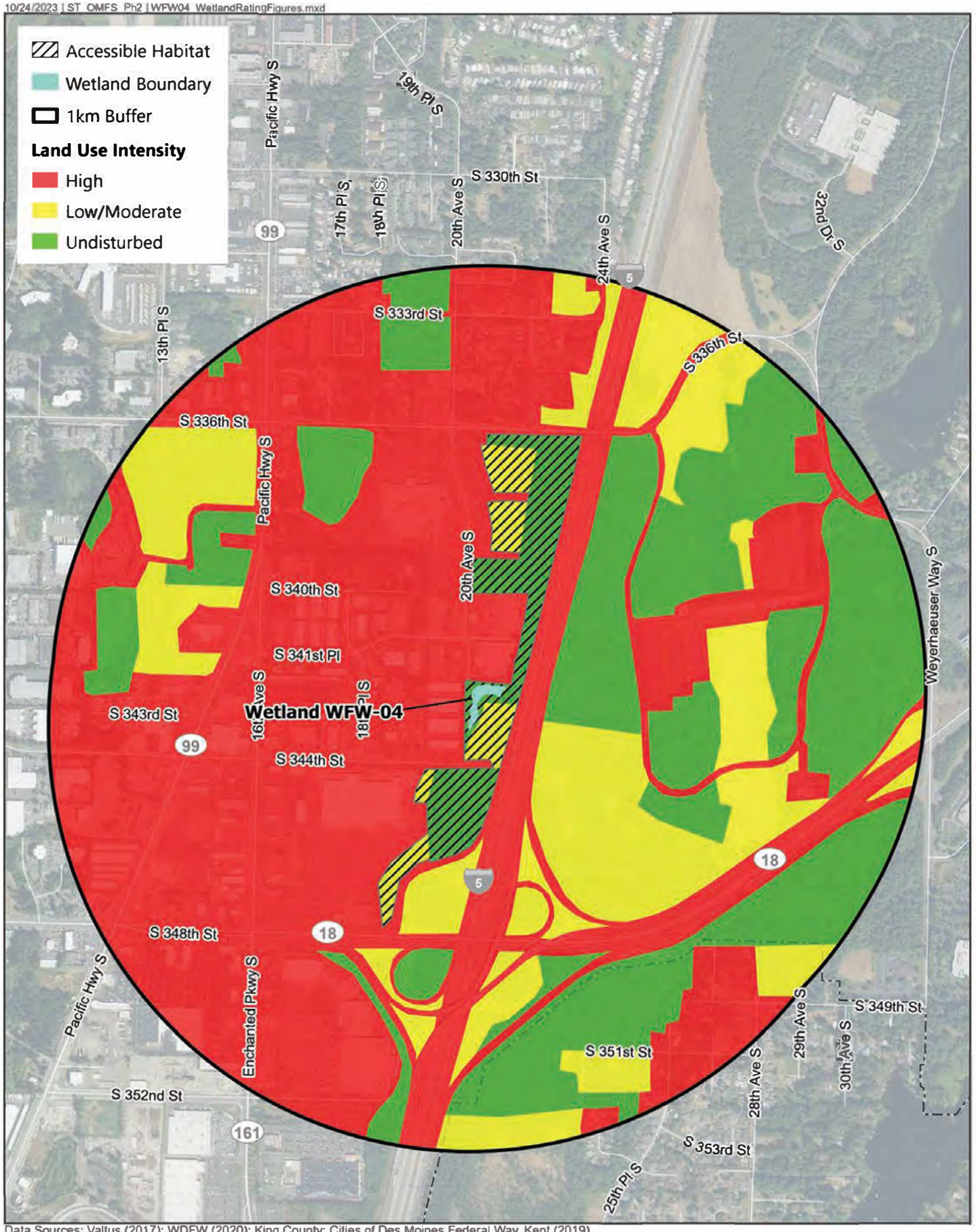

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-04
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW04_WetlandRatingFigures.mxd

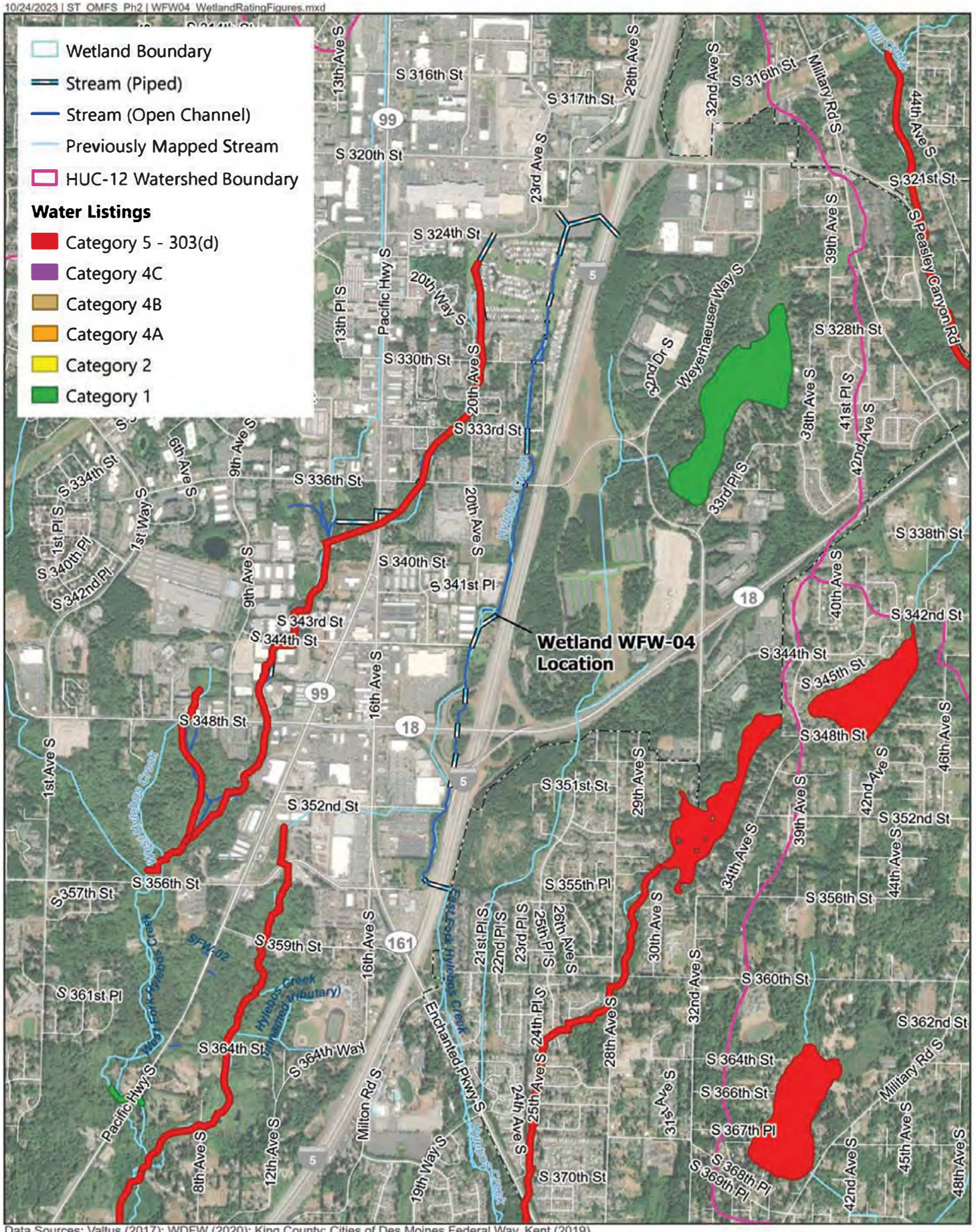

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-04
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

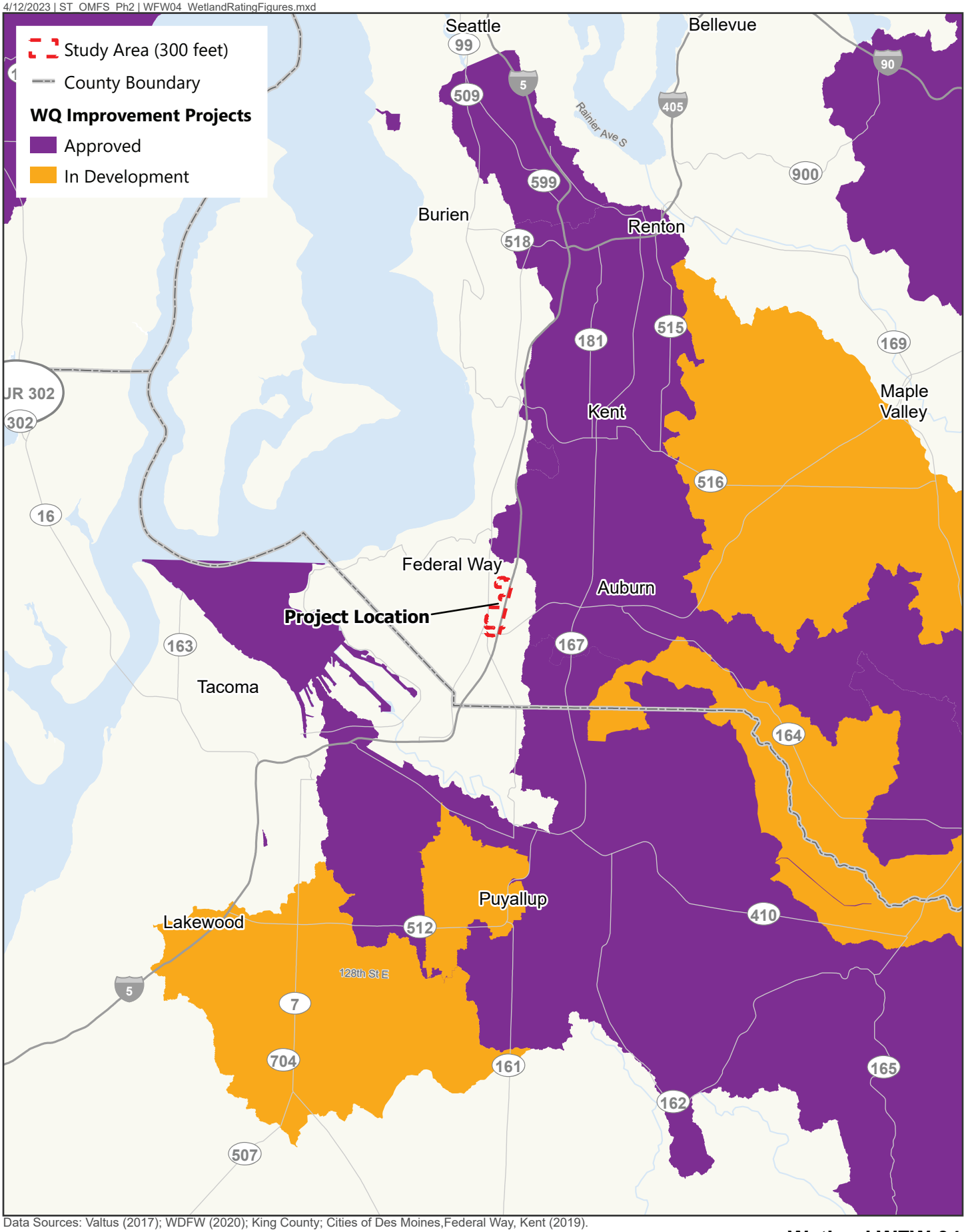

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-04

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-05 Date of site visit: 10/23/2019

Rated by A. Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **II** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	H	**Total**
Score Based on Ratings	6	8	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-05

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	0
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources prximity to I-5 offramp	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**4**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?			
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0	No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1	No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0	No = 1	1
Total for R 5	Add the points in the boxes above		**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-05

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 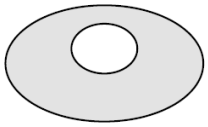 **Low** = 1 point 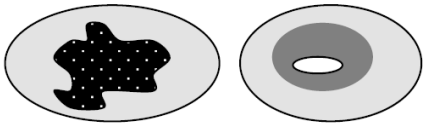 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 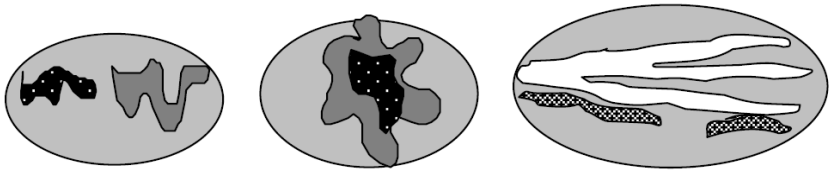	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 Add the points in the boxes above	**8**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.8 % undisturbed habitat + (1.4 % moderate & low intensity land uses / 2) = 3.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20.1 % undisturbed habitat + (18.8 % moderate & low intensity land uses / 2) = 29.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-05

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-05 Date of site visit: 10/23/2019

Rated by A. Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Riverine & Fresh Water Tidal Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	H	**Total**
Score Based on Ratings	6	8	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-05

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources prximity to I-5 offramp	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-05

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 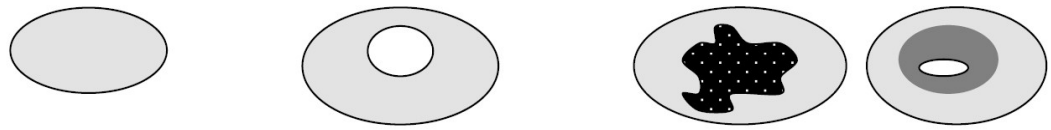 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 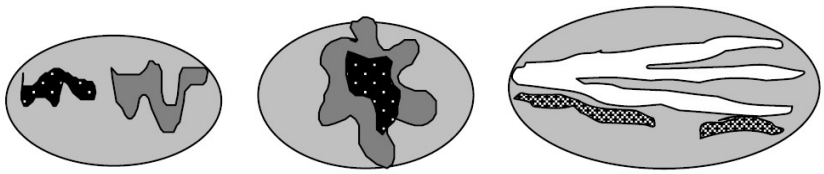	1

Wetland name or number WFW-05

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 Add the points in the boxes above	**8**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.8 % undisturbed habitat + (1.4 % moderate & low intensity land uses / 2) = 3.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20.1 % undisturbed habitat + (18.8 % moderate & low intensity land uses / 2) = 29.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated* . Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-05

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-05
Cowardin Plant Classes and Cover

N

0 40 80 Feet

OMF South

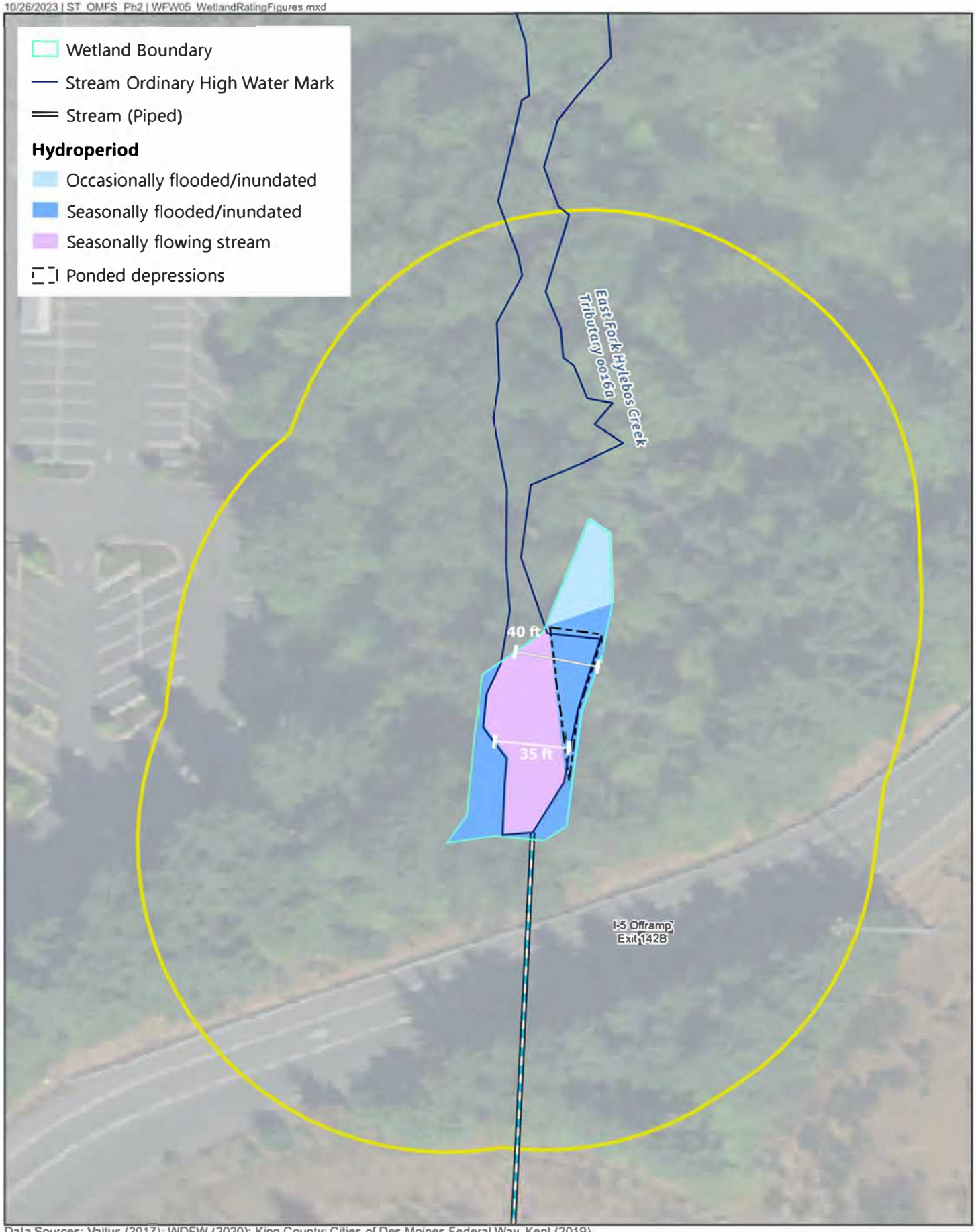

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-05
Hydroperiods

N

0 40 80 Feet

OMF South

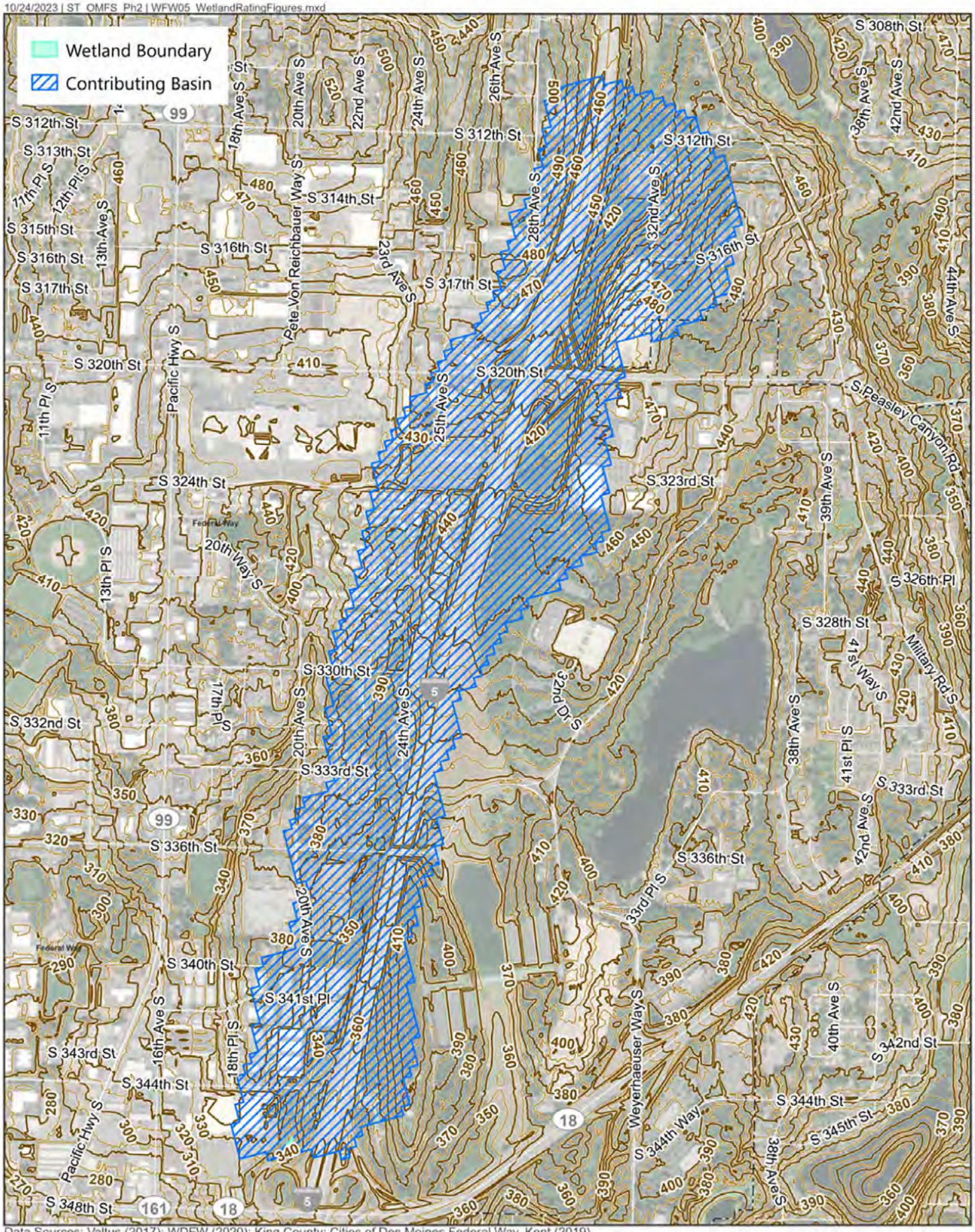

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-05
Contributing Basin

N

0 1,000 2,000 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW05_WetlandRatingFigures.mxd

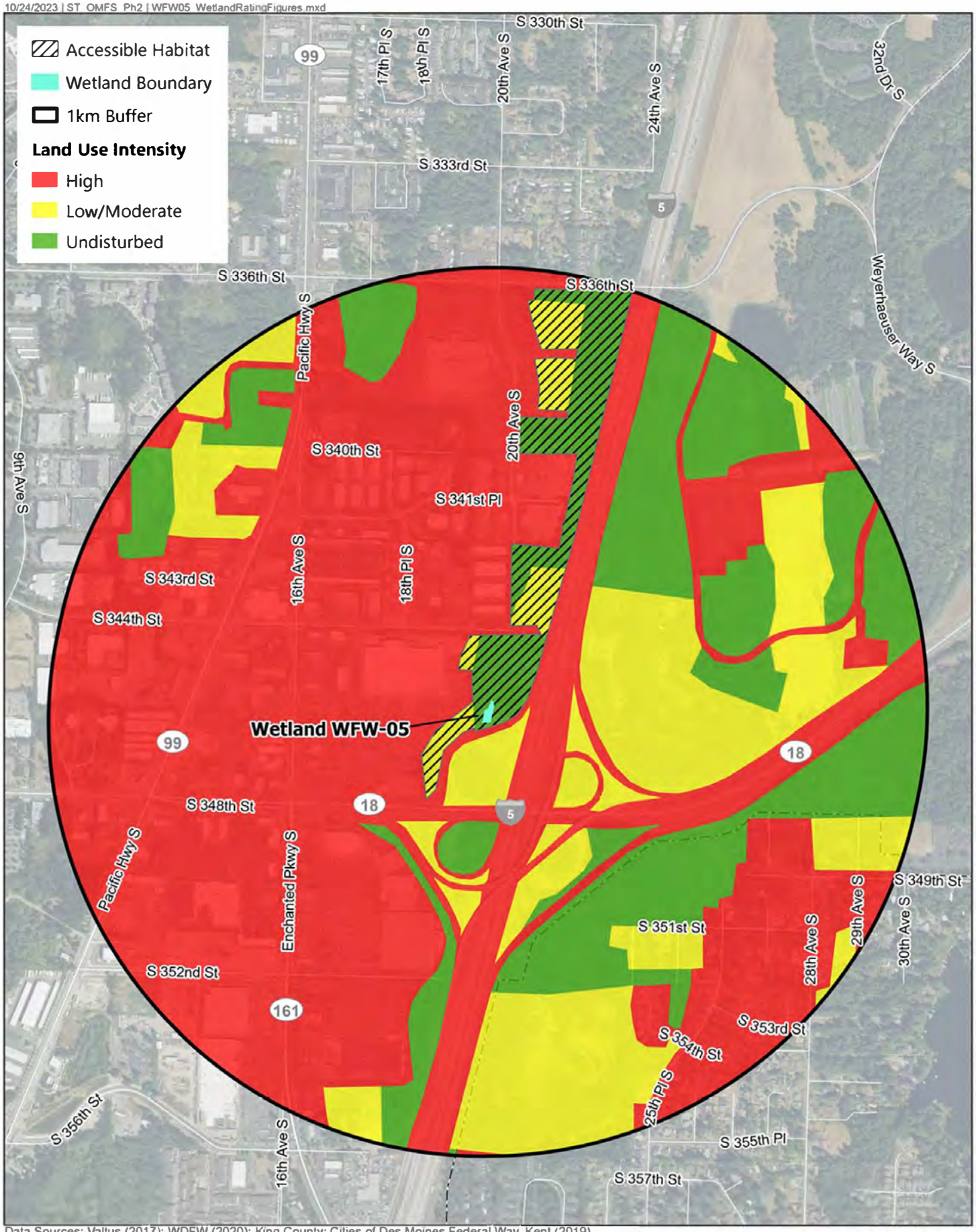

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-05
Land Use Intensity

N

0 750 1,500 Feet

OMF South

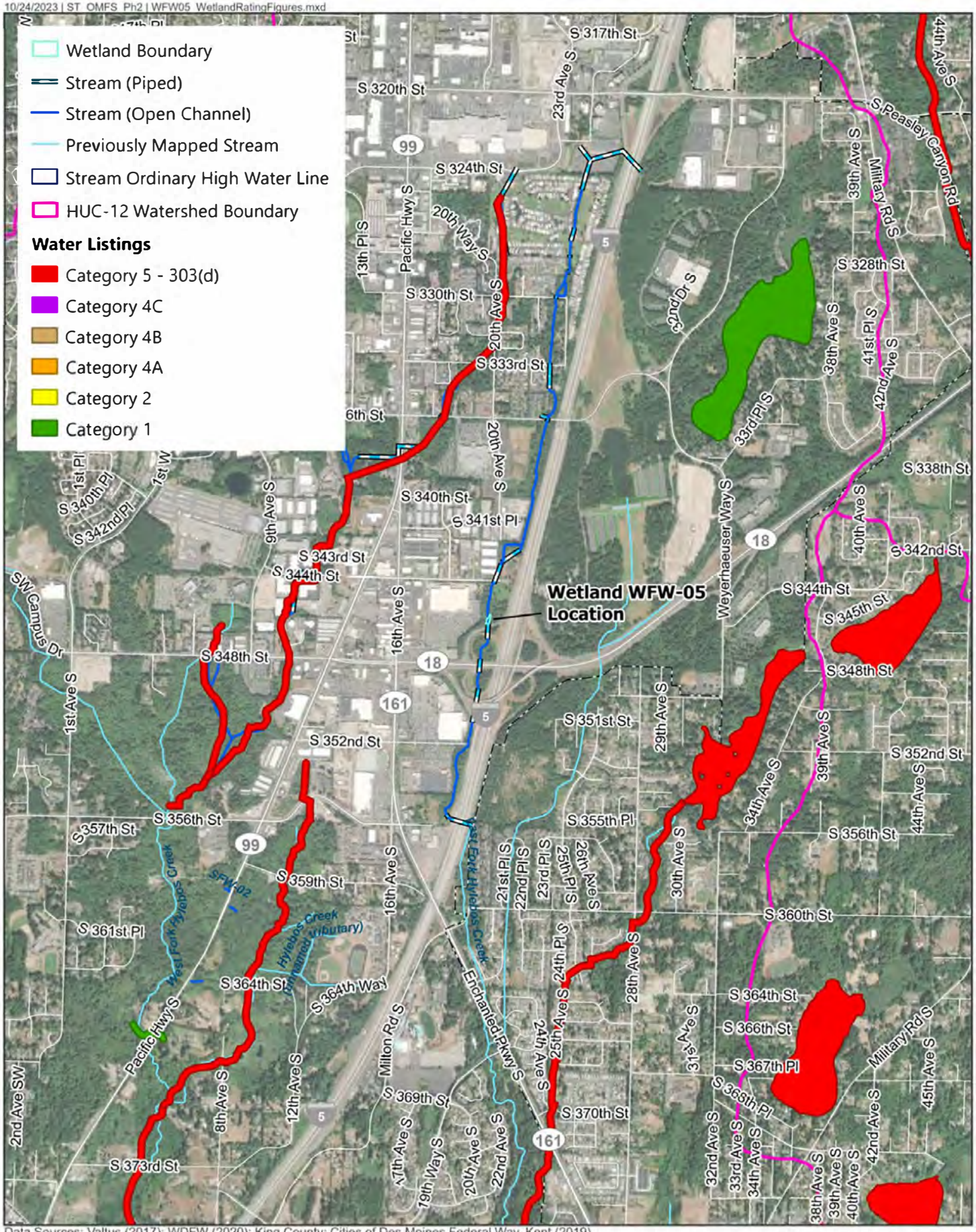

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-05
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

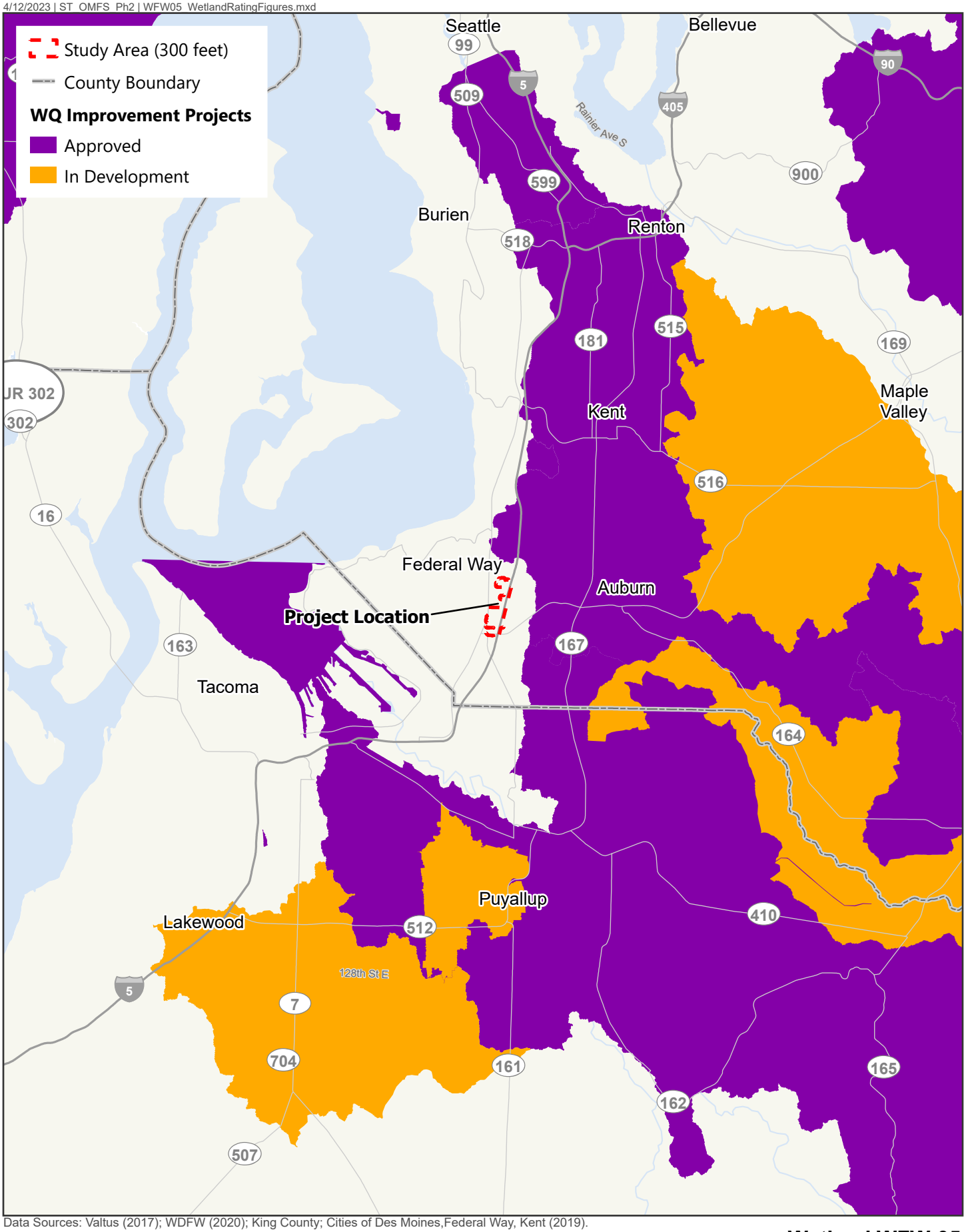

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-05

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-06 Date of site visit: 10/23/2019

Rated by T. Story, revised by A. Weiss Trained by Ecology? ☐ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	M	M	L	
Value	M	H	H	**Total**
Score Based on Ratings	5	6	5	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-06

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☑ The wetland is on a slope (*slope can be very gradual*),
☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WFW-06

SLOPE WETLANDS **Water Quality Functions** - Indicators that the site functions to improve water quality	
S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less points = 3 Slope is > 1% - 2% points = 2 Slope is > 2% - 5% points = 1 Slope is greater than 5% points = 0	1
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area points = 6 Dense, uncut, herbaceous plants > ½ of area points = 3 Dense, woody, plants > ½ of area points = 2 Dense, uncut, herbaceous plants > ¼ of area points = 1 Does not meet any of the criteria above for plants points = 0	3
Total for S 1 Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources proximity to I-5 Yes = 1 No = 0	1
Total for S 2 Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	0
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? *Answer YES if there is a TMDL for the basin in which the unit is found*? Yes = 2 No = 0	0
Total for S 3 Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-06

SLOPE WETLANDS **Hydrologic Functions** - Indicators that the site functions to reduce flooding and stream erosion	
S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	0

Rating of Site Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-06

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 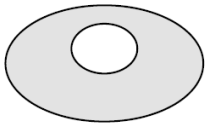 **Low** = 1 point 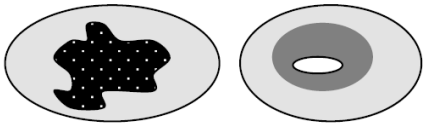 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 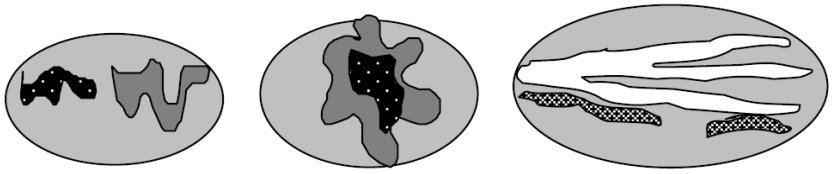	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☑ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.8 % undisturbed habitat + (1.4 % moderate & low intensity land uses / 2) = 3.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 26.9 % undisturbed habitat + (22.2 % moderate & low intensity land uses / 2) = 38% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-06

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-06
Cowardin Plant Classes and Cover

N

0 30 60 Feet

OMF South

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-06
Hydroperiods

N

0 30 60 Feet

OMF South

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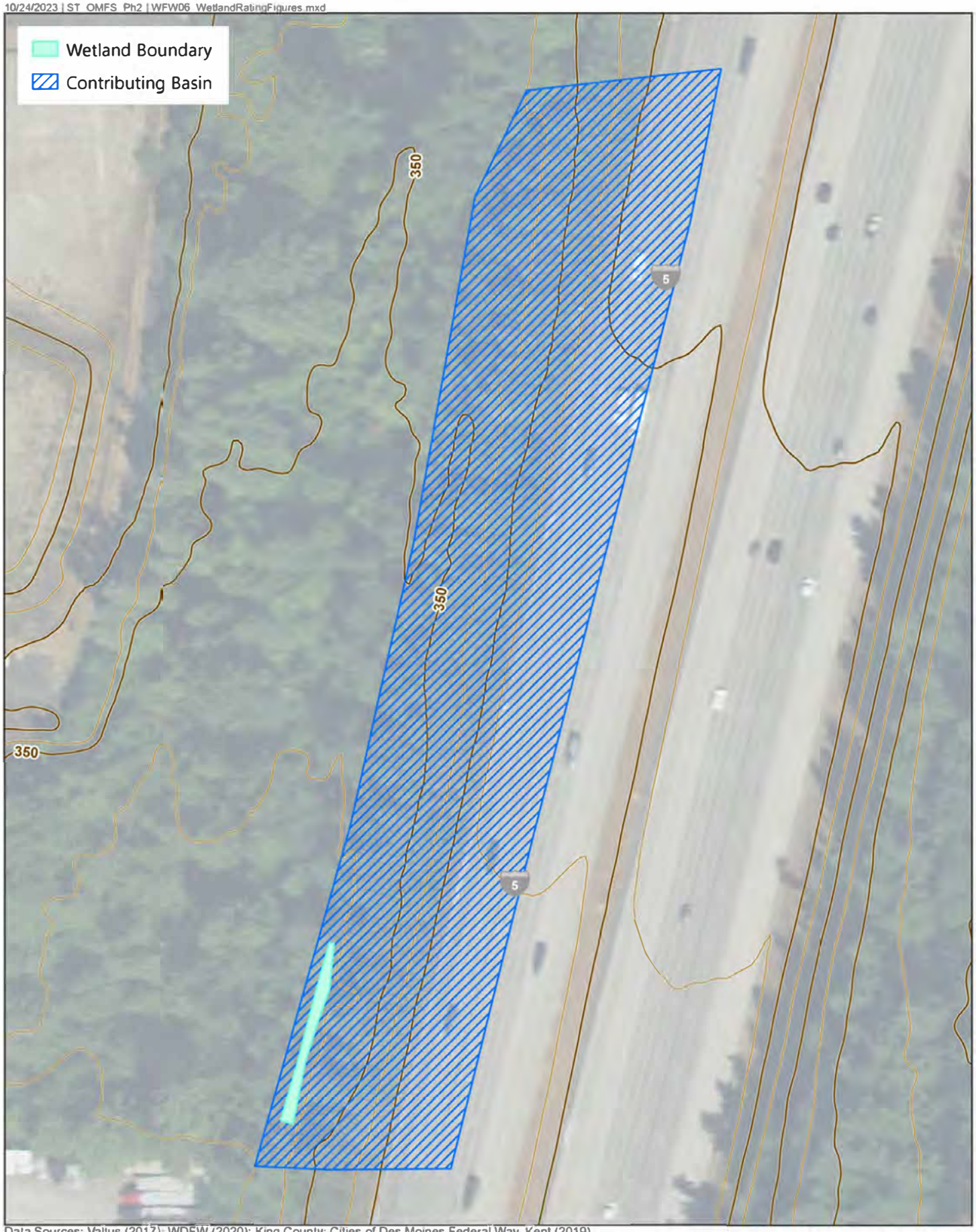

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-06
Contributing Basin

N

0 60 120 Feet

OMF South

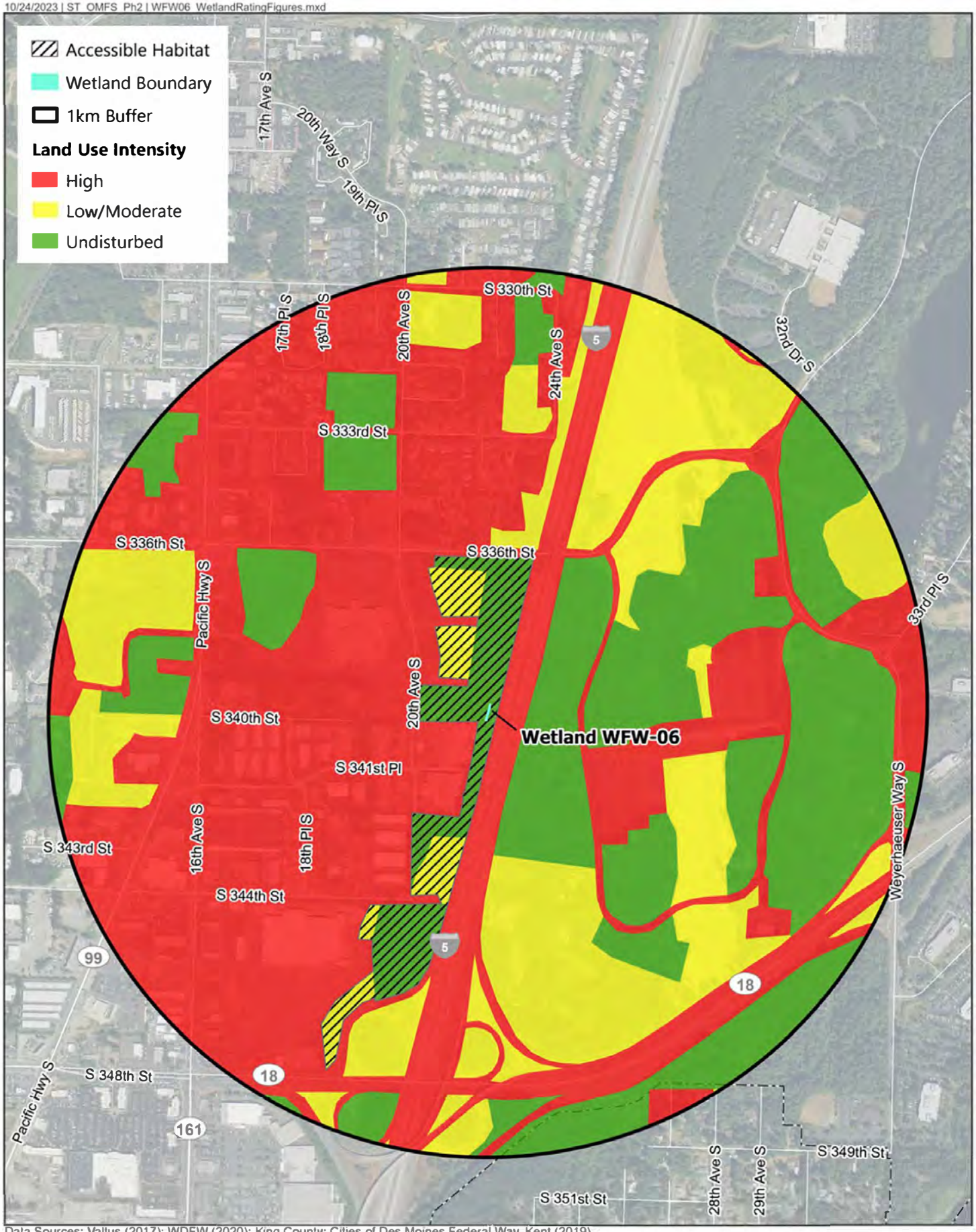

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-06
Land Use Intensity

N

0 750 1,500 Feet

OMF South

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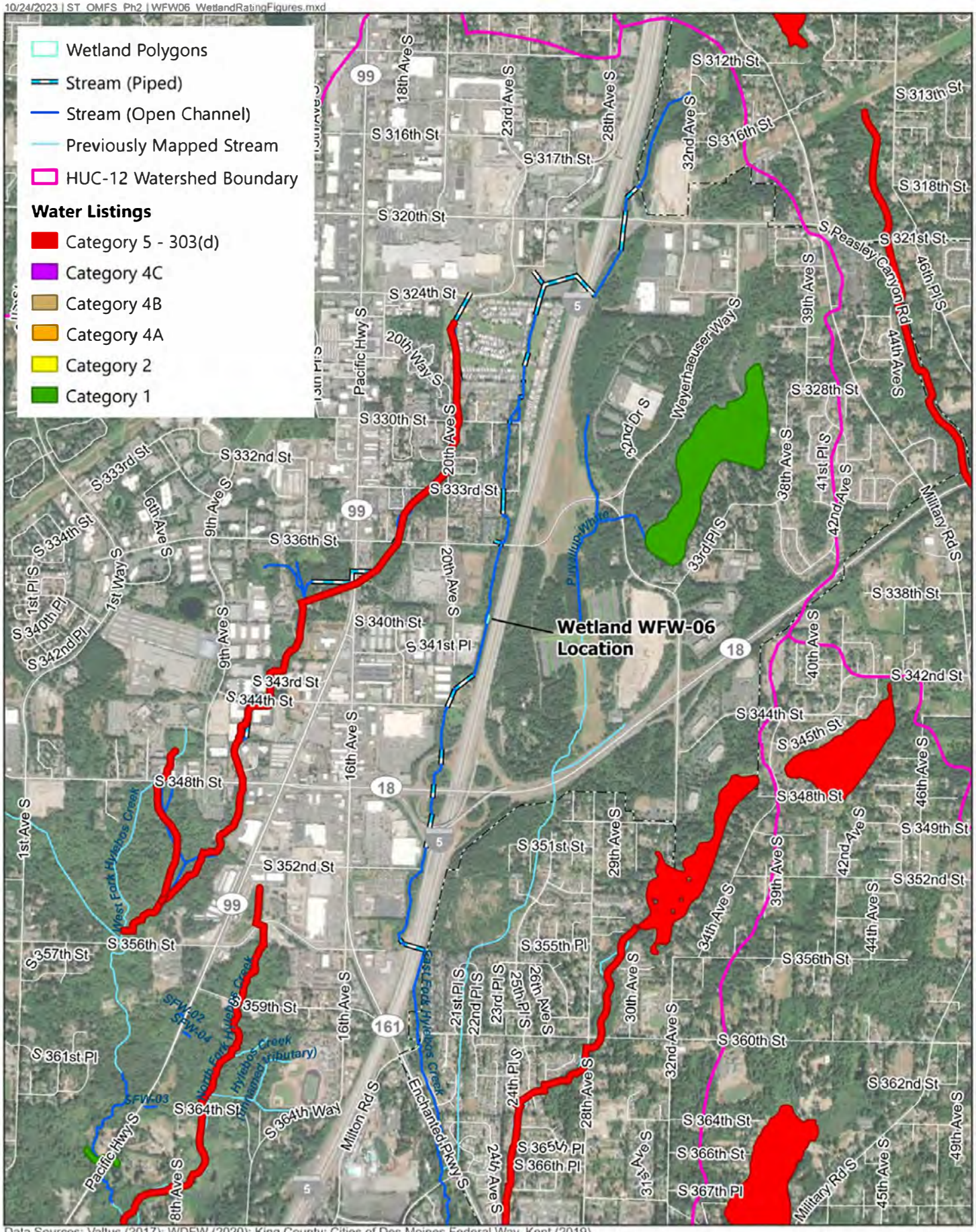

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-06
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

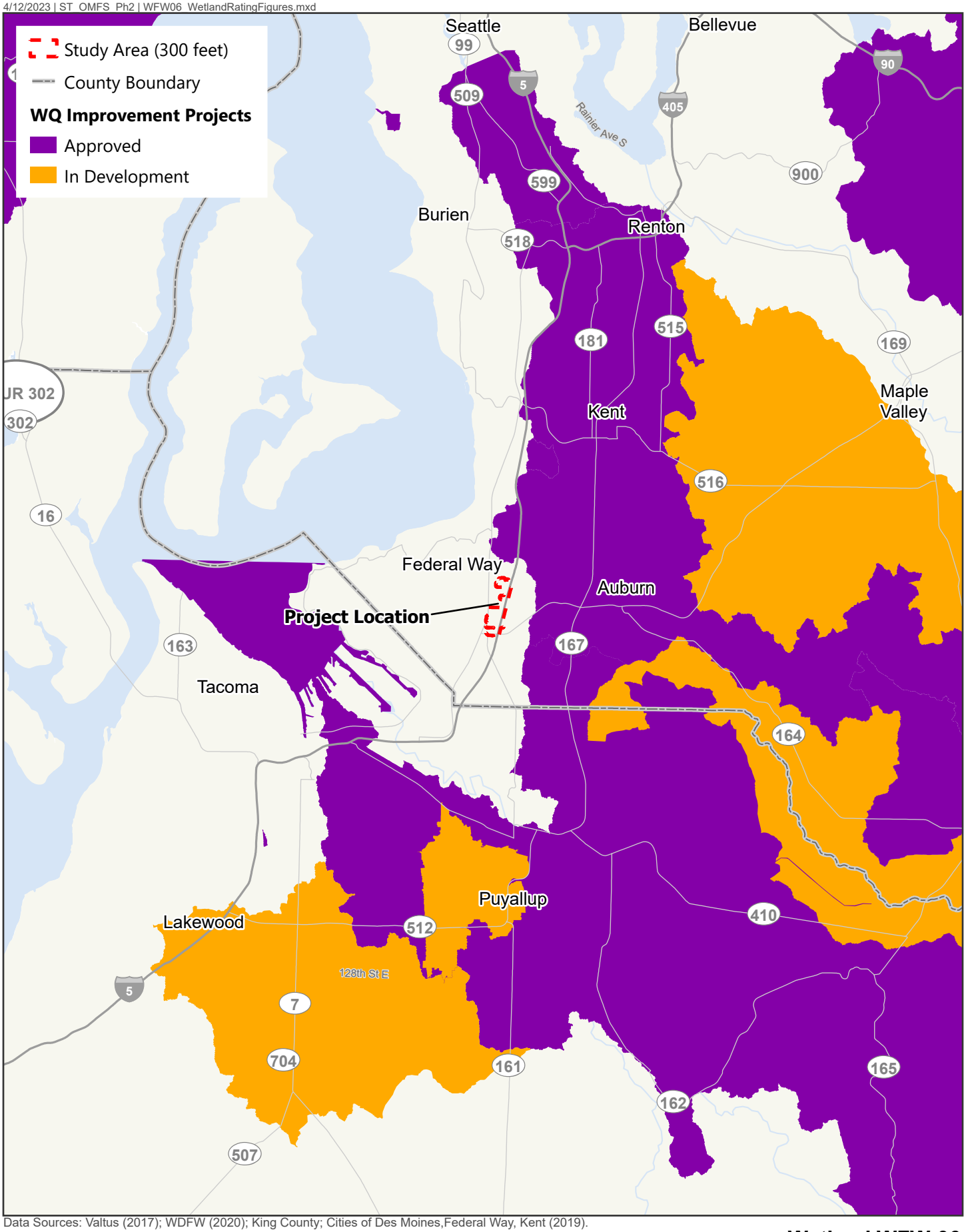

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-06

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-07 Date of site visit: 11/6/2019

Rated by A. Thom, S. Kreuger Trained by Ecology? ☑ Yes ☐ No Date of training Jul-18

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	H	H	L	
Value	L	H	M	**Total**
Score Based on Ratings	6	7	4	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☑ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources golf course fertilizer	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		4
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-07

These questions apply to wetlands of all HGM classes. **HABITAT FUNCTIONS** - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 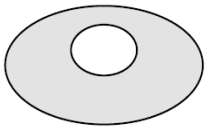 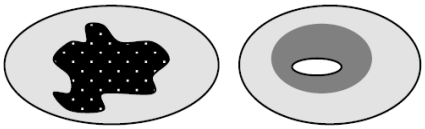 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 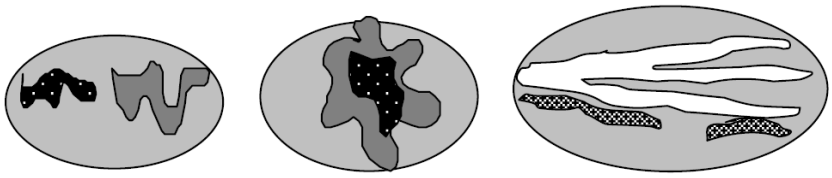	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0.1 % moderate & low intensity land uses / 2) = 0.05% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 13.7 % undisturbed habitat + (17.7 % moderate & low intensity land uses / 2) = 22.55% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-07

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☑ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☑ Yes - Go to **SC 3.3** ☐ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-07
Cowardin Plant Classes and Cover

N

0 75 150 Feet

OMF South

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-07
Hydroperiods

N

0 75 150 Feet

OMF South

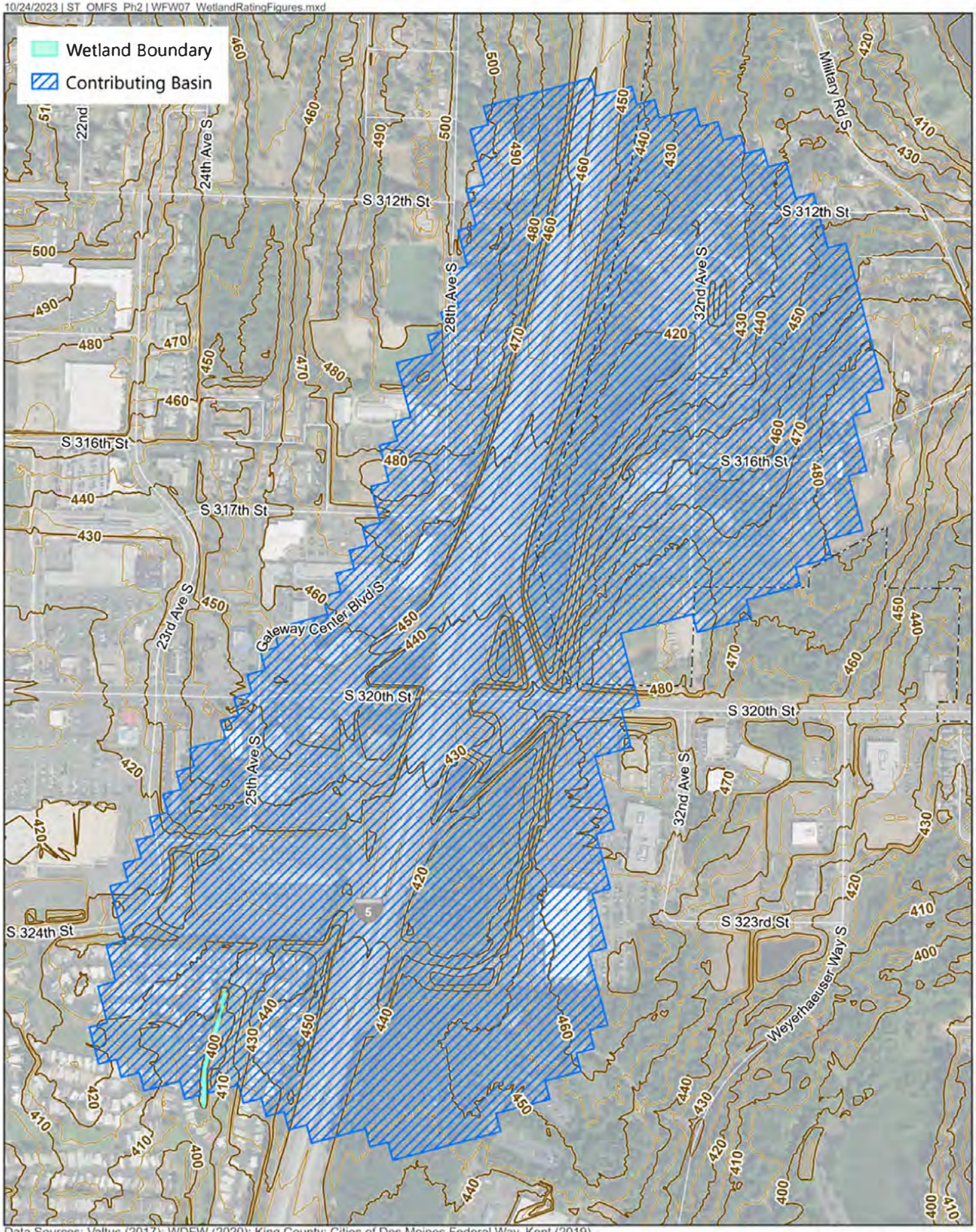

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-07
Contributing Basin

N

0 500 1,000 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW07_WetlandRatingFigures.mxd

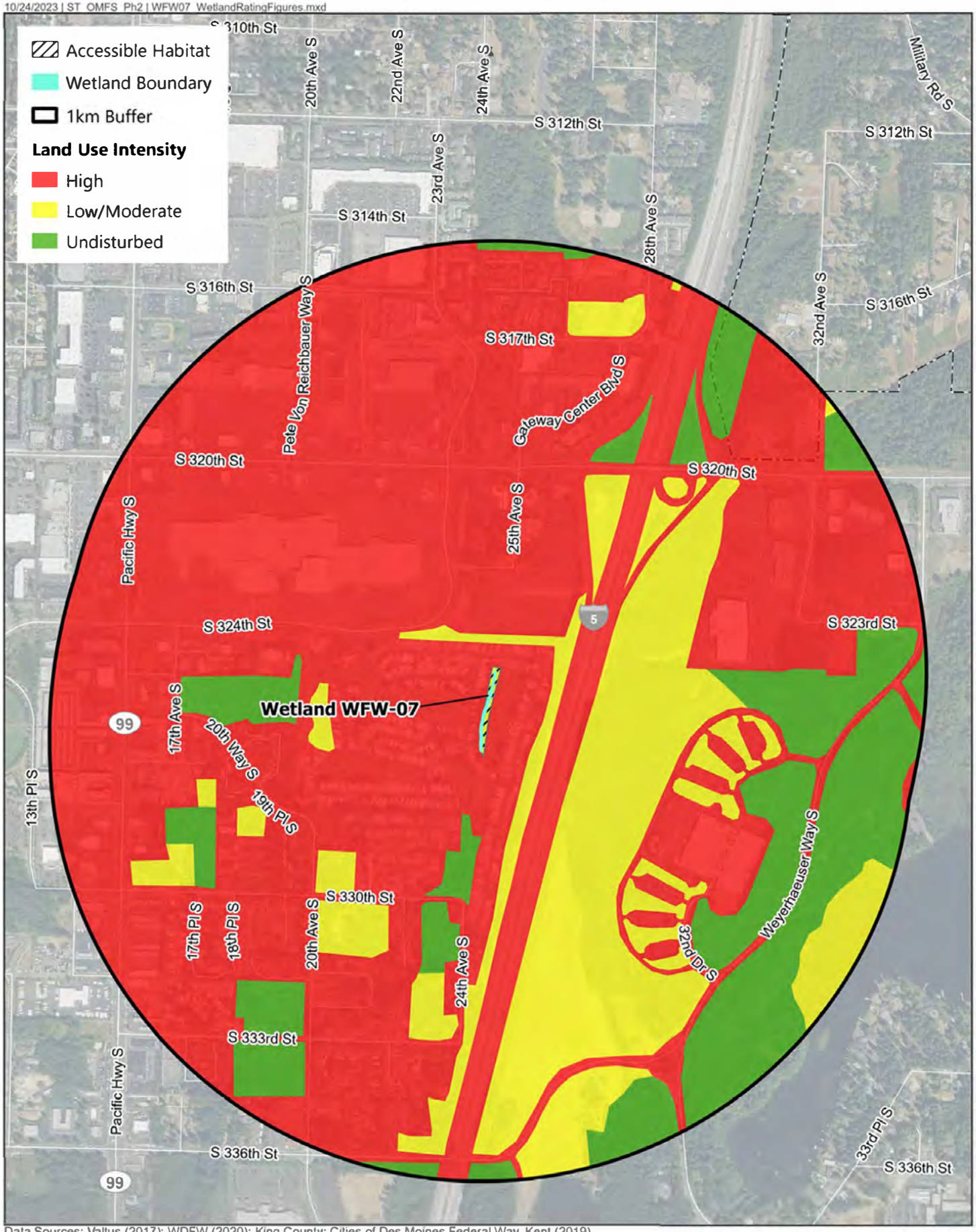

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-07
Land Use Intensity

N

0 750 1,500 Feet

OMF South

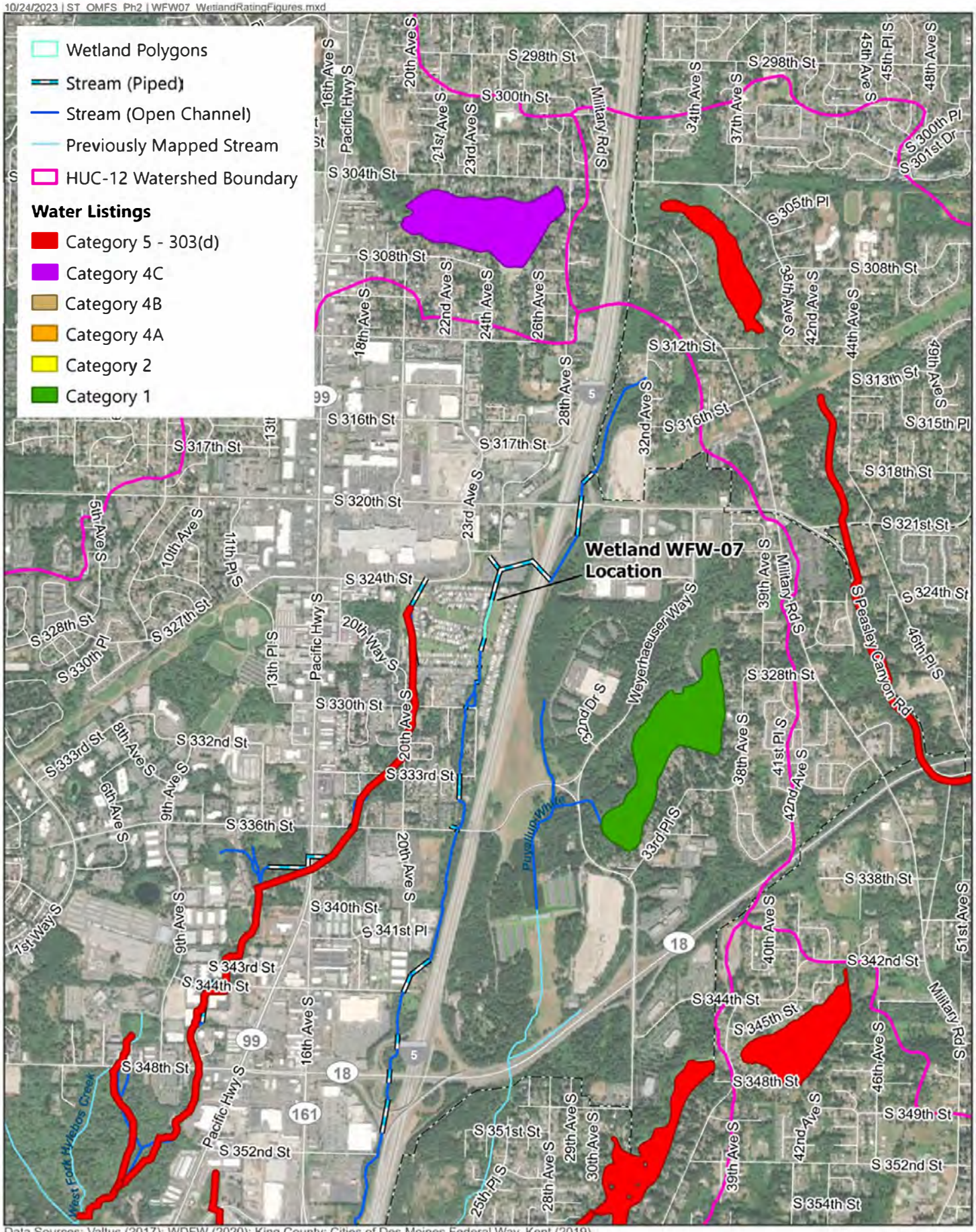

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-07
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

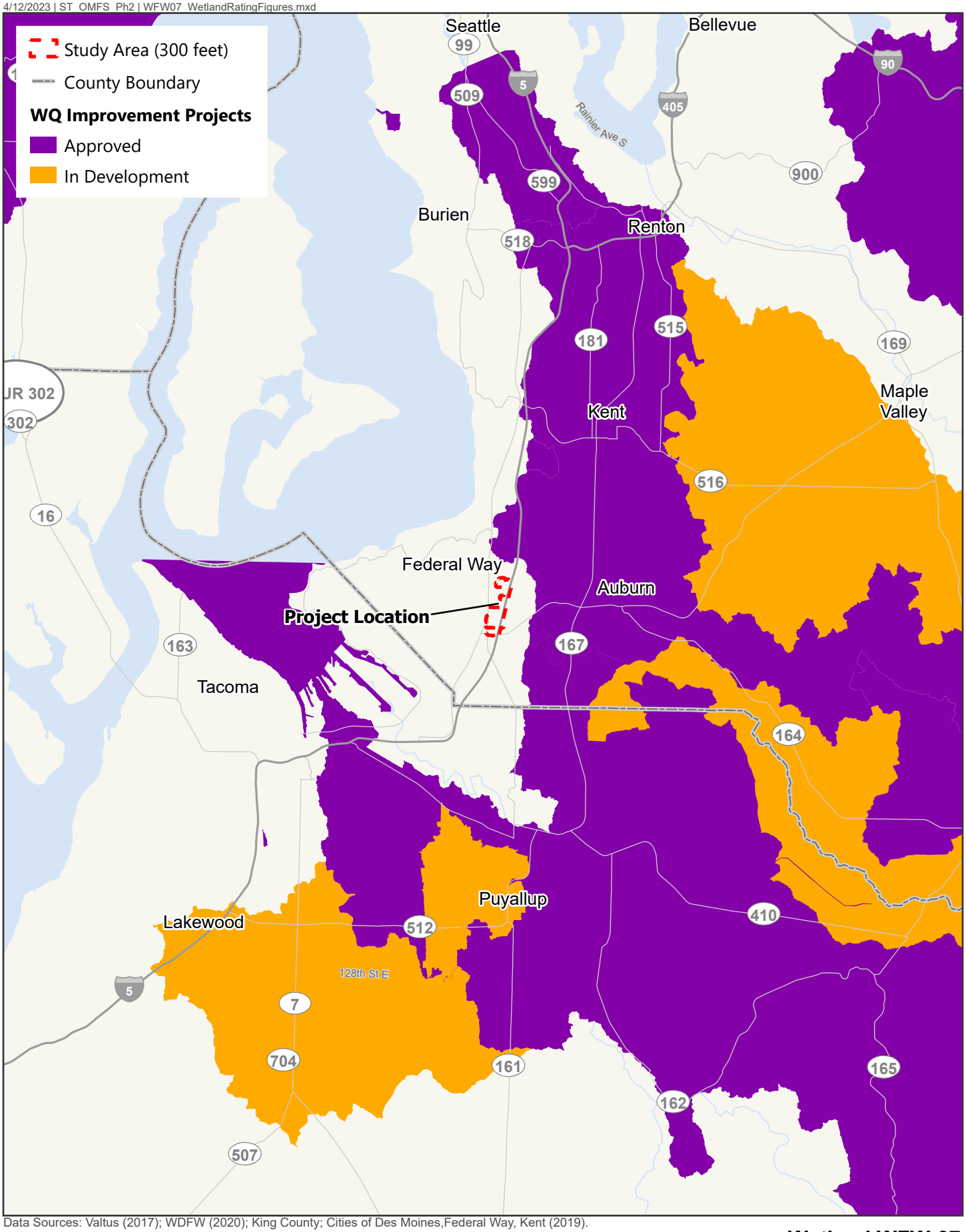

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-07

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-08 Date of site visit: 11/6/2019

Rated by A Thom, revised by A. Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	L	H	M	**Total**
Score Based on Ratings	6	7	4	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-08

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☑ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources golf course fertilizer	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 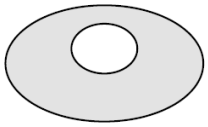 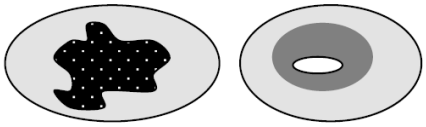 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 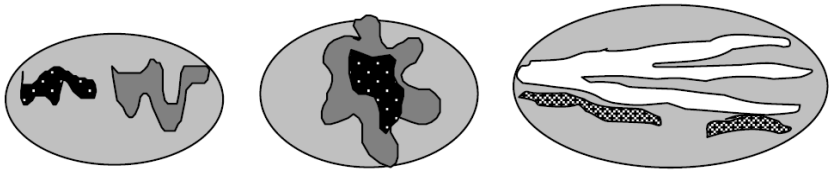	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 15.8 % undisturbed habitat + (19.9 % moderate & low intensity land uses / 2) = 25.75% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-08

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/26/2023 | ST_OMFS_Ph2 | WFW08_WetlandRatingFigures.mxd

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-08
Cowardin Plant Classes and Cover

N

0 50 100 Feet

OMF South

10/26/2023 | ST_OMFS_Ph2 | WFW08_WetlandRatingFigures.mxd

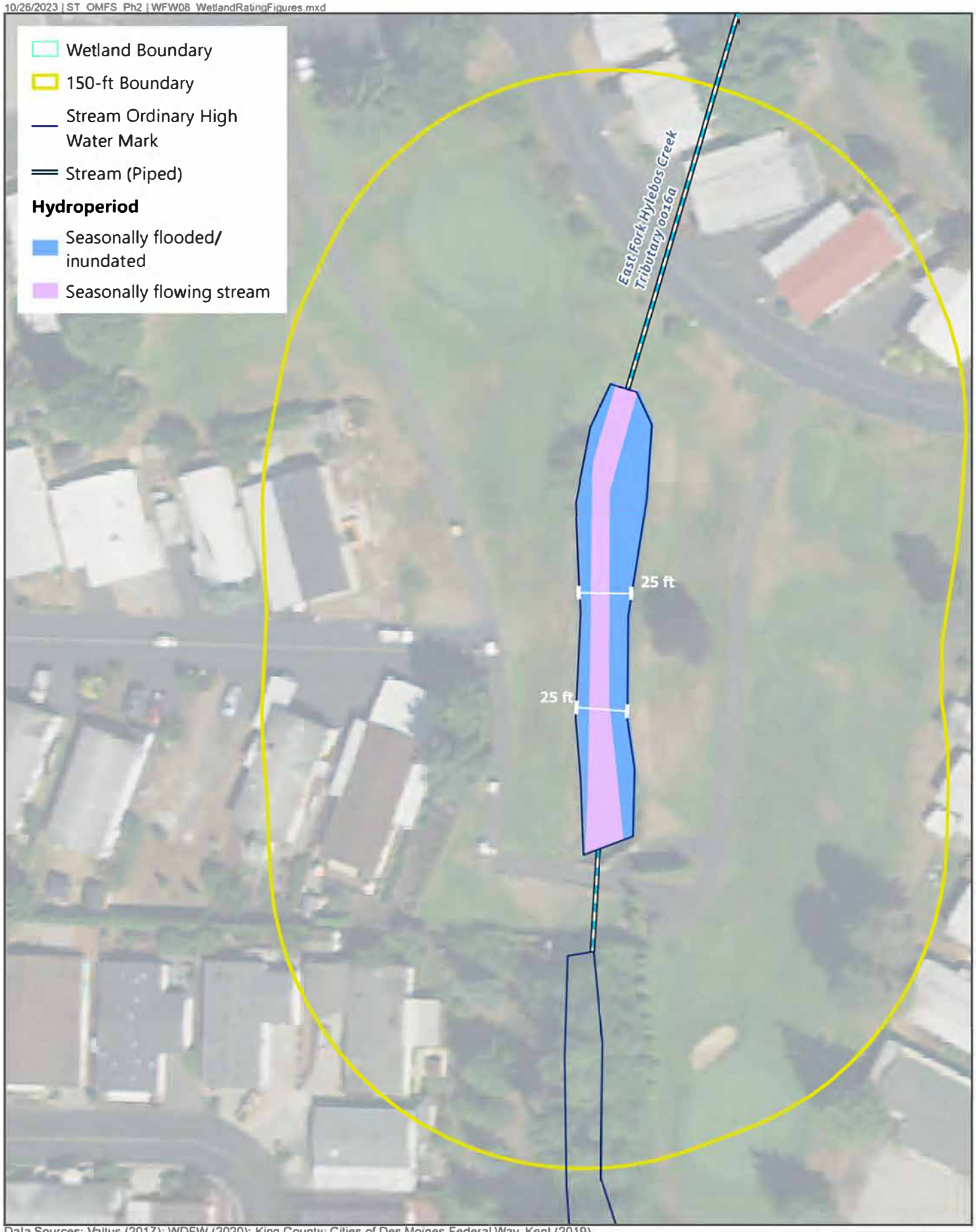

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-08
Hydroperiods

N

0 50 100 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW08_WetlandRatingFigures.mxd

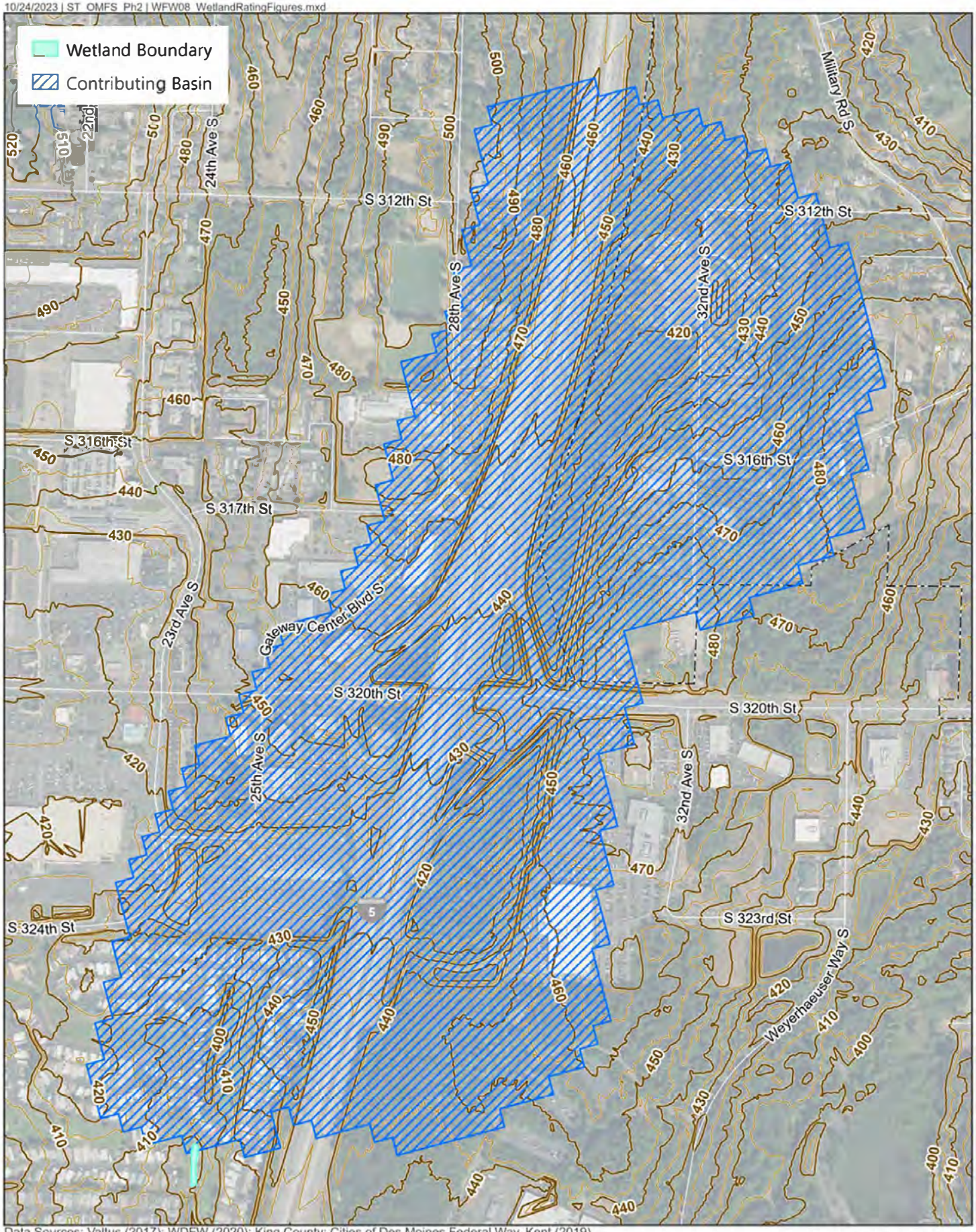

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-08
Contributing Basin

N

0 500 1,000 Feet

OMF South

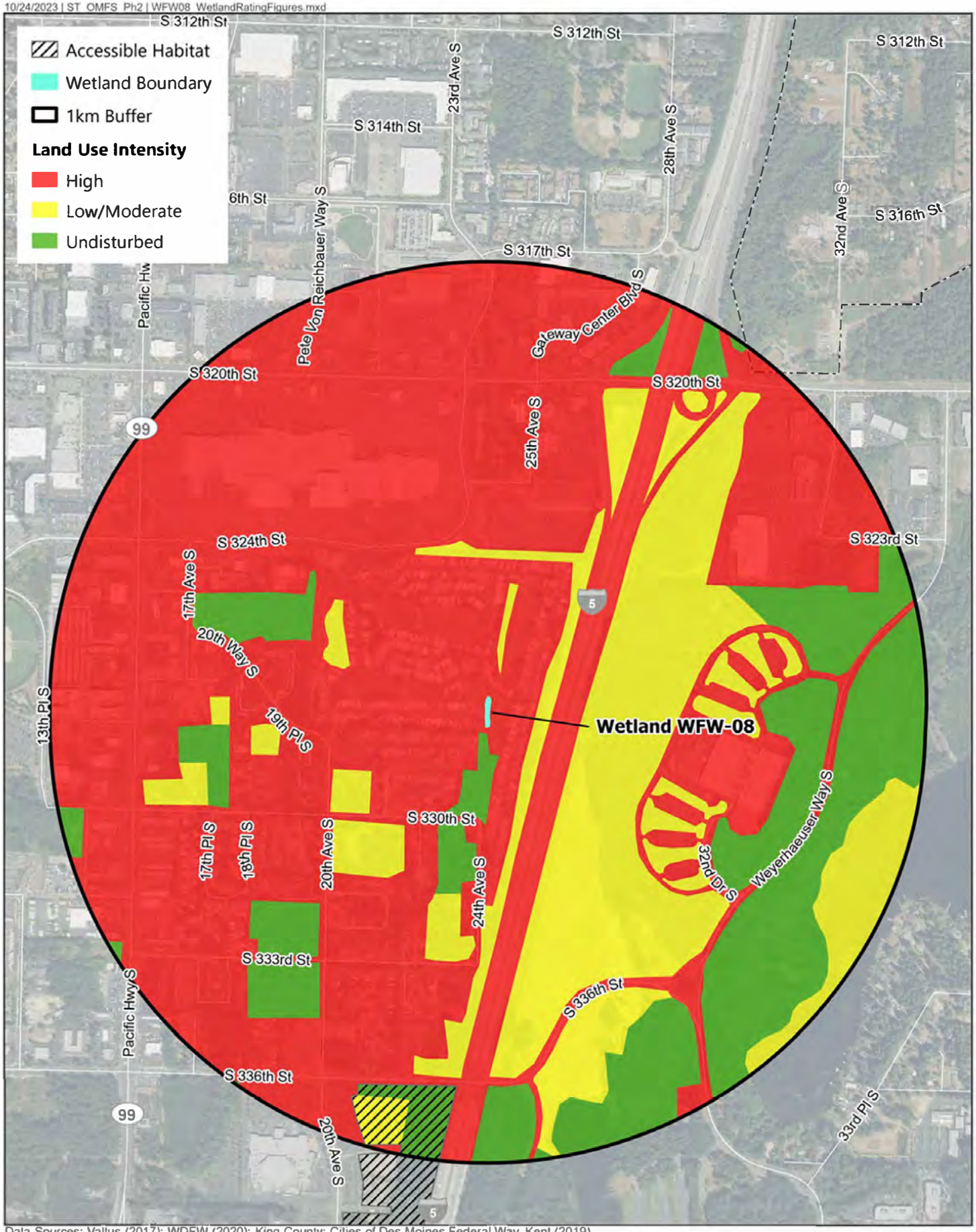

Data Sources: Vaitus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-08
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW08_WetlandRatingFigures.mxd

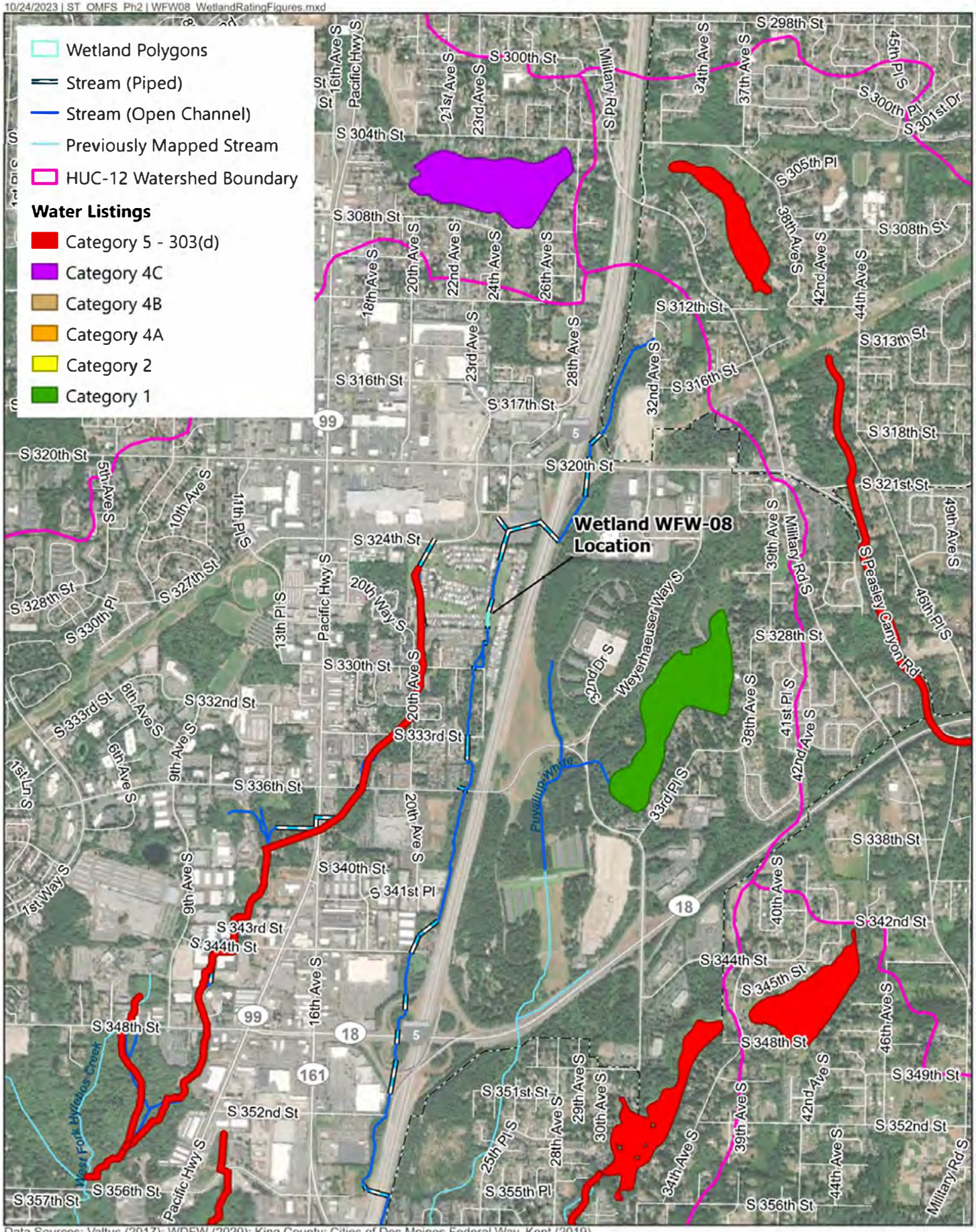

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-08
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

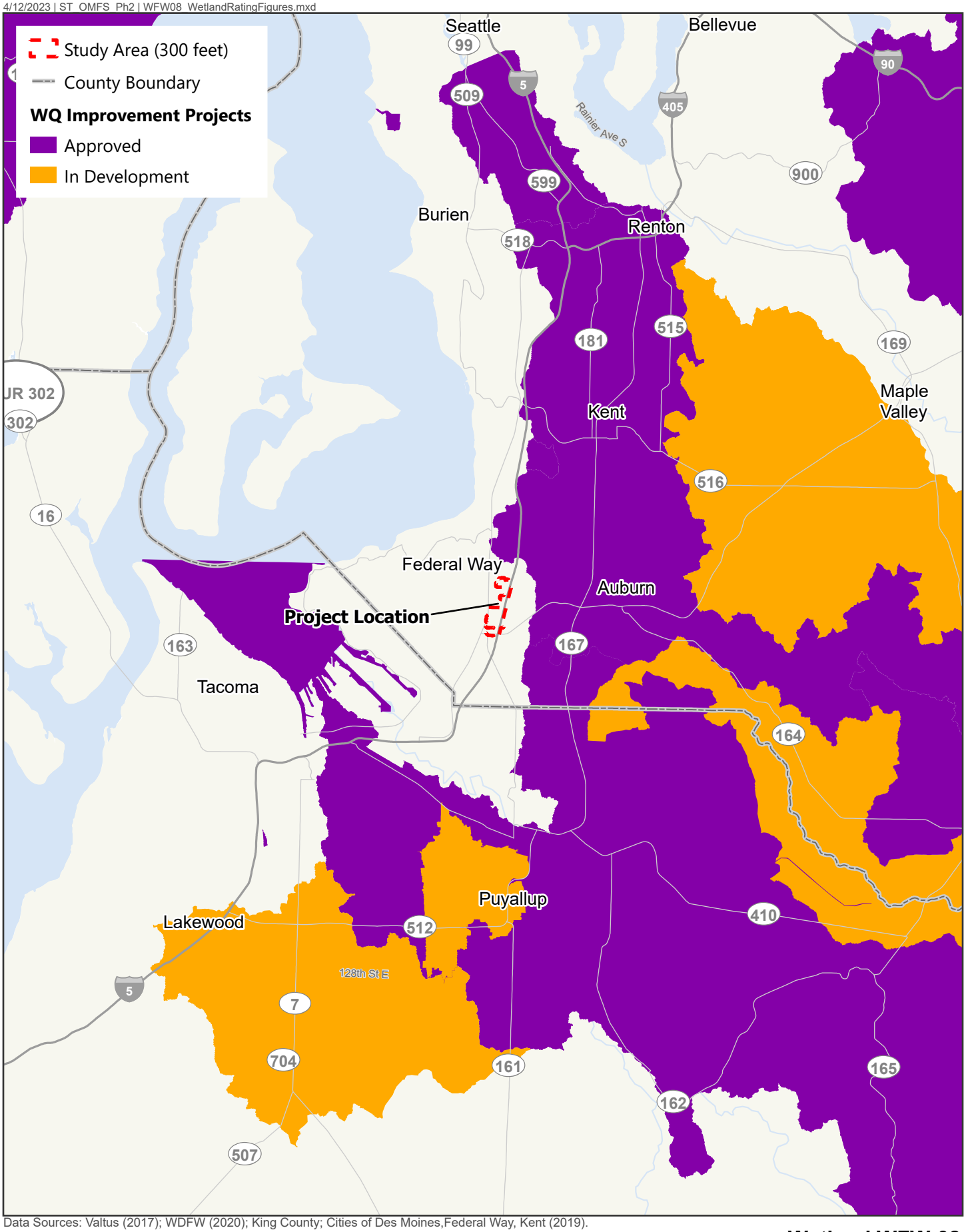

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-08

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-09 Date of site visit: 11/14/2019

Rated by A. Thom, S. Krueger Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	L	H	M	**Total**
Score Based on Ratings	6	8	4	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^{3}/_{4}$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^{2}/_{3}$ area of the wetland	points = 8	
☐ Trees or shrubs > $^{1}/_{3}$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^{2}/_{3}$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^{1}/_{3}$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^{1}/_{3}$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources golf course fertilizer	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 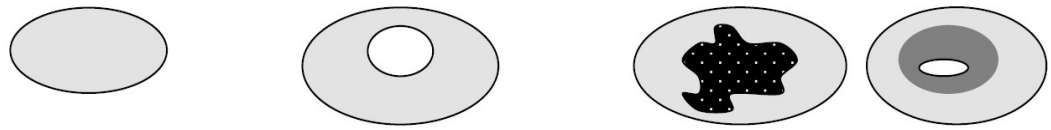 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 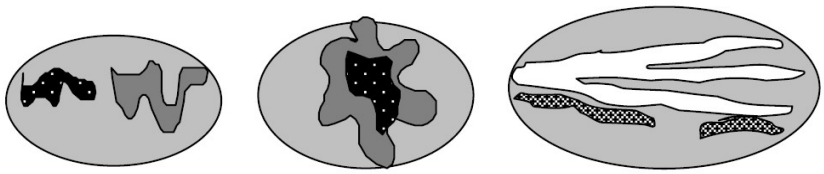	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0.3 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0.3% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 17.5 % undisturbed habitat + (21 % moderate & low intensity land uses / 2) = 28% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated* . Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/26/2023 | ST_OMFS_Ph2 | WFW09_WetlandRatingFigures.mxd

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-09
Cowardin Plant Classes and Cover

N

0 50 100 Feet

OMF South

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-09
Hydroperiods

N

0 50 100 Feet

OMF South

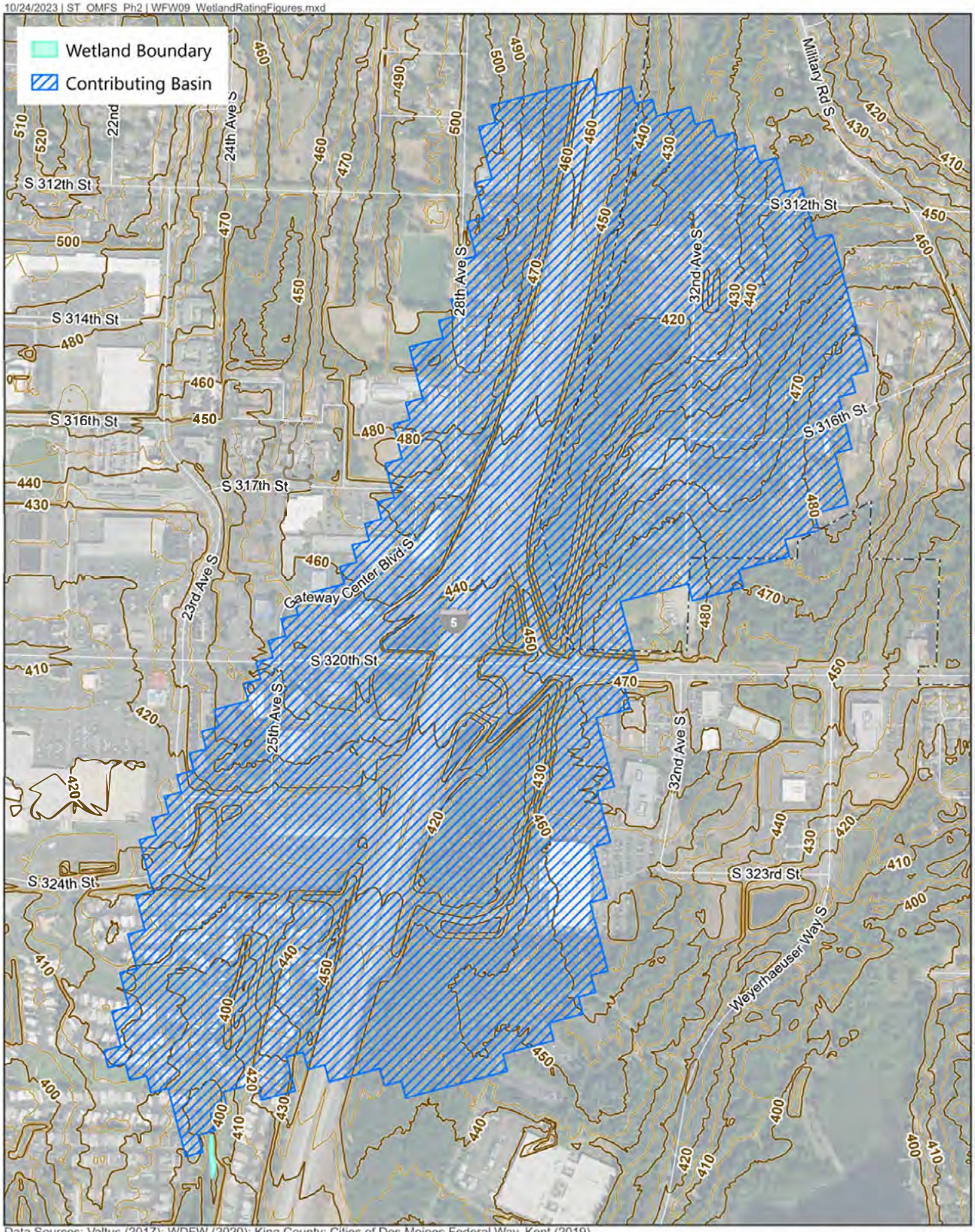

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-09
Contributing Basin

N

0 500 1,000 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW09_WetlandRatingFigures.mxd

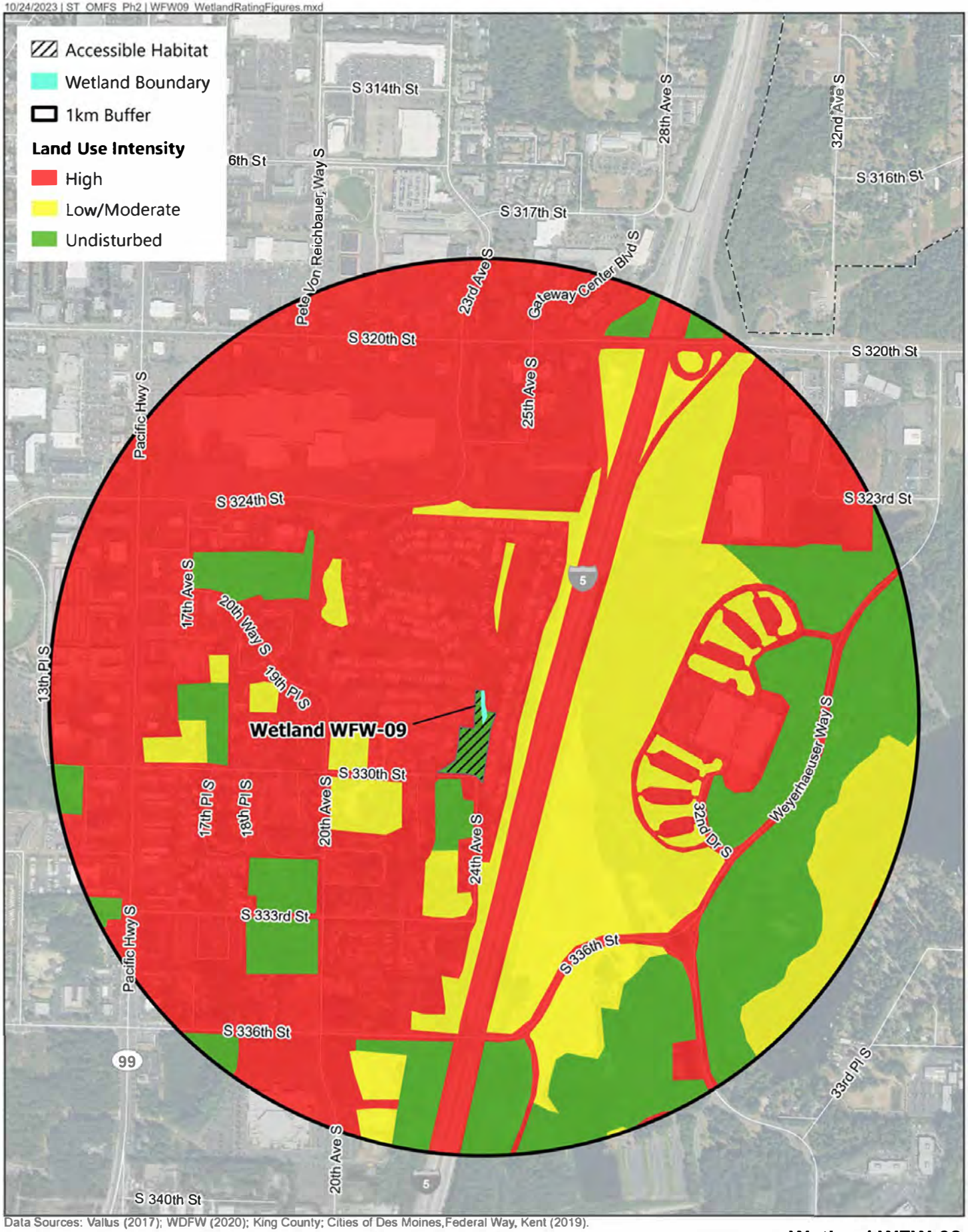

Data Sources: Vallus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-09
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW09_WetlandRatingFigures.mxd

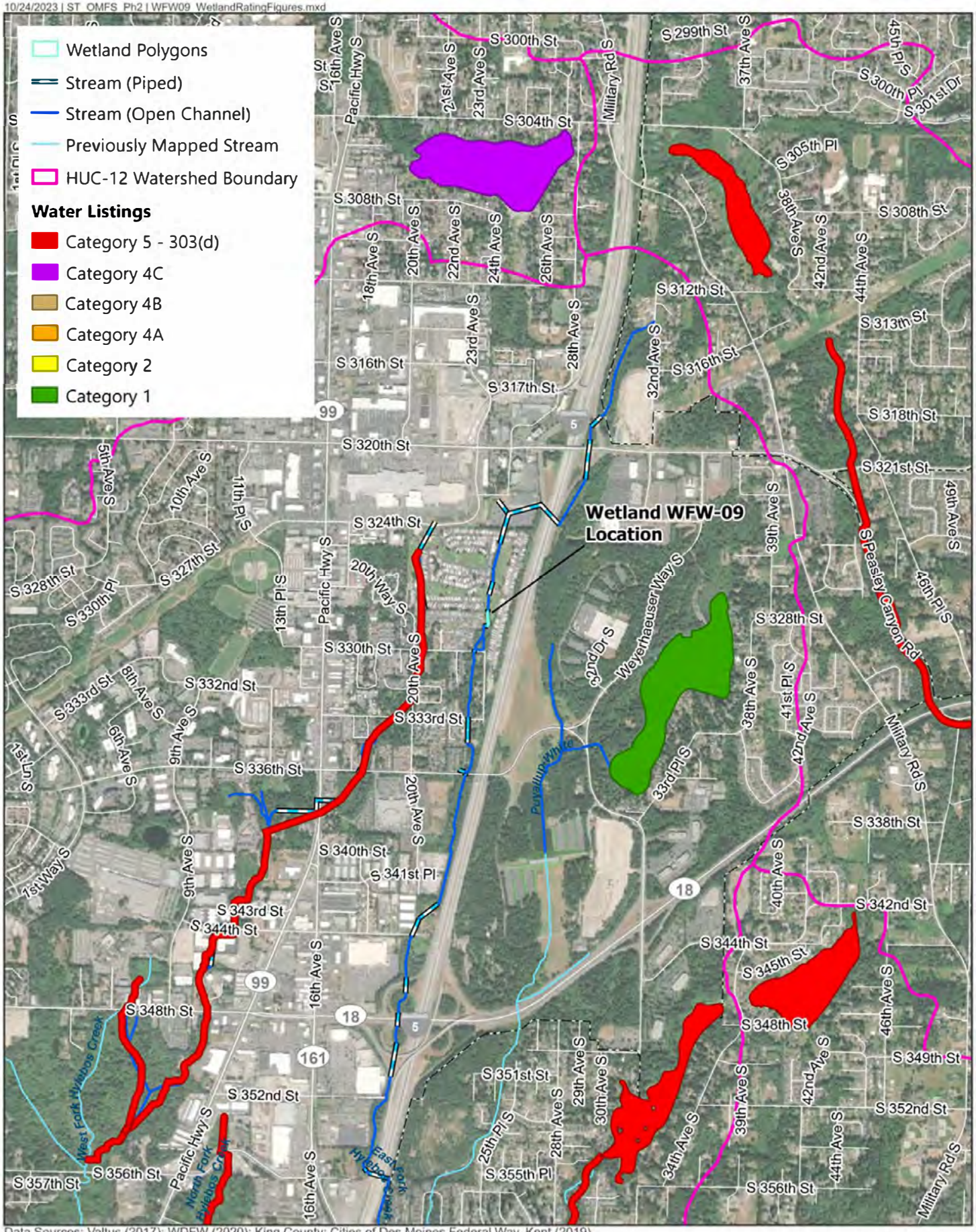

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-09
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

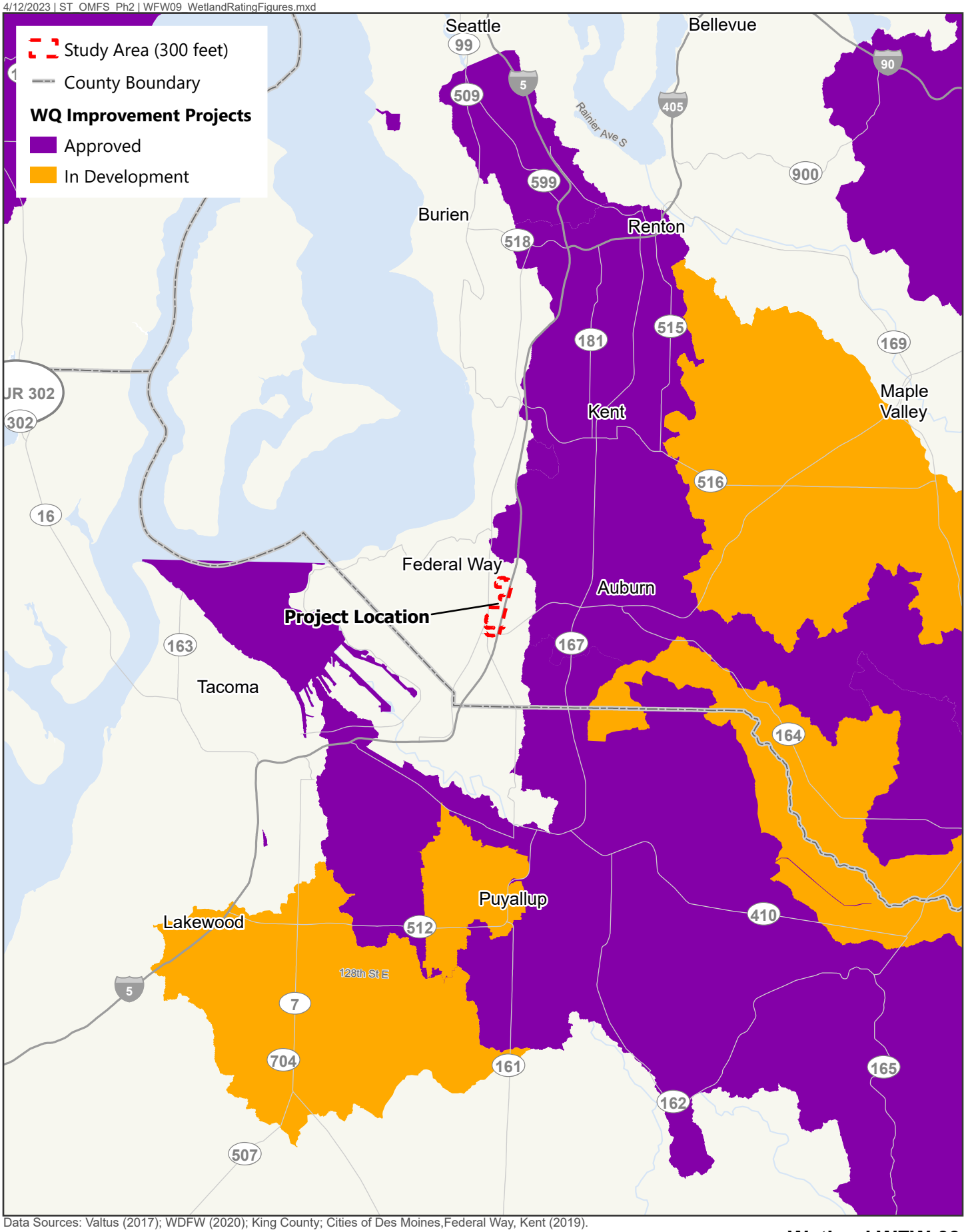

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-09

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-10 Date of site visit: 11/1/2019

Rated by A. Hoenig, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-15

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	M	**Total**
Score Based on Ratings	6	8	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
R3.3, R6.1, R6.2:
Schwartz, M., Salibury, N., Brosseau, W., Bui, P., and Anderson, R. 2016. Hylebos Watershed Plan. Prepared by Earth Corps. July 2016.
Pierce County 2006. HYLEBOS BROWNS-DASH POINT Volume 1 – Basin Plan & SEIS. Prepared by Pierce County Public Works Utilities Water Program. December 2006.

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☑ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources trash	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 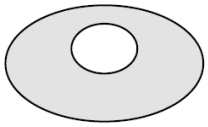 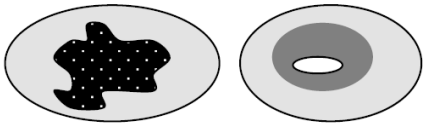 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 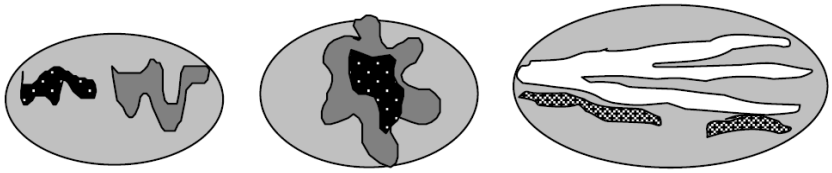	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**9**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0.3 % undisturbed habitat + (3.3 % moderate & low intensity land uses / 2) = 1.95% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 21.4 % undisturbed habitat + (19.7 % moderate & low intensity land uses / 2) = 31.25% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/26/2023 | ST_OMFS_Ph2 | WFW10_WetlandRatingFigures.mxd

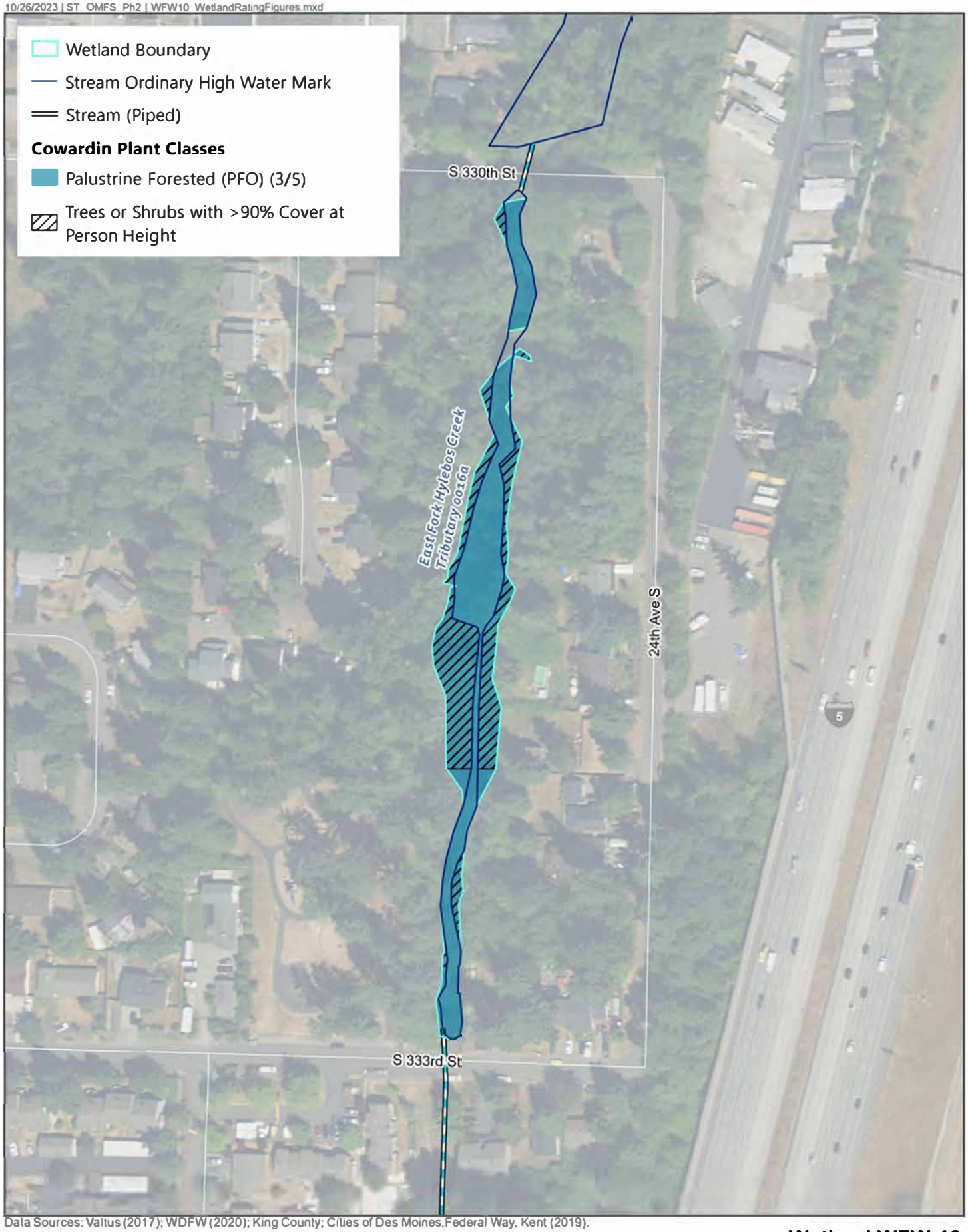

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-10

Cowardin Plant Classes and Cover

N

0 125 250 Feet

OMF South

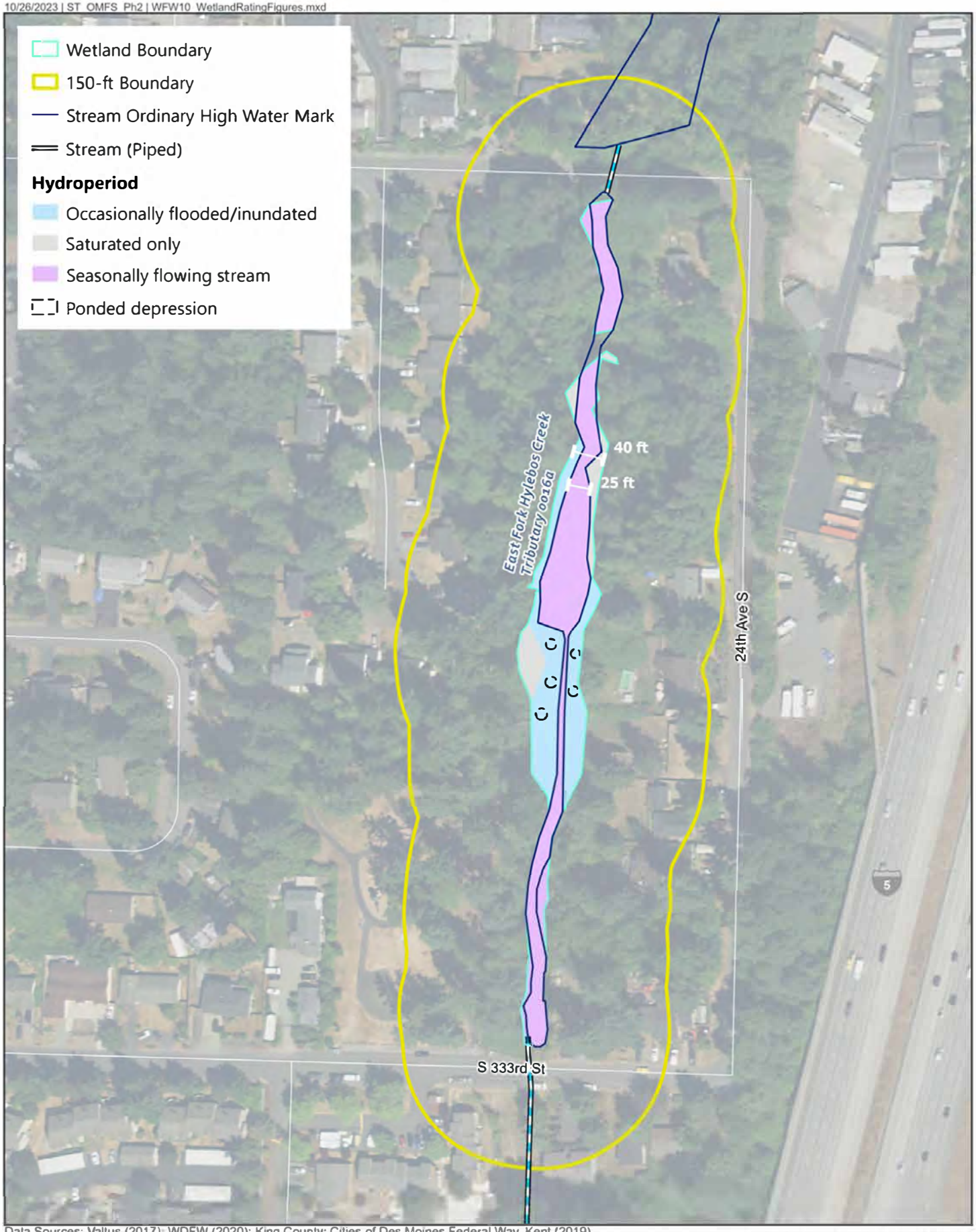

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-10
Hydroperiods

N

0 100 200 Feet

OMF South

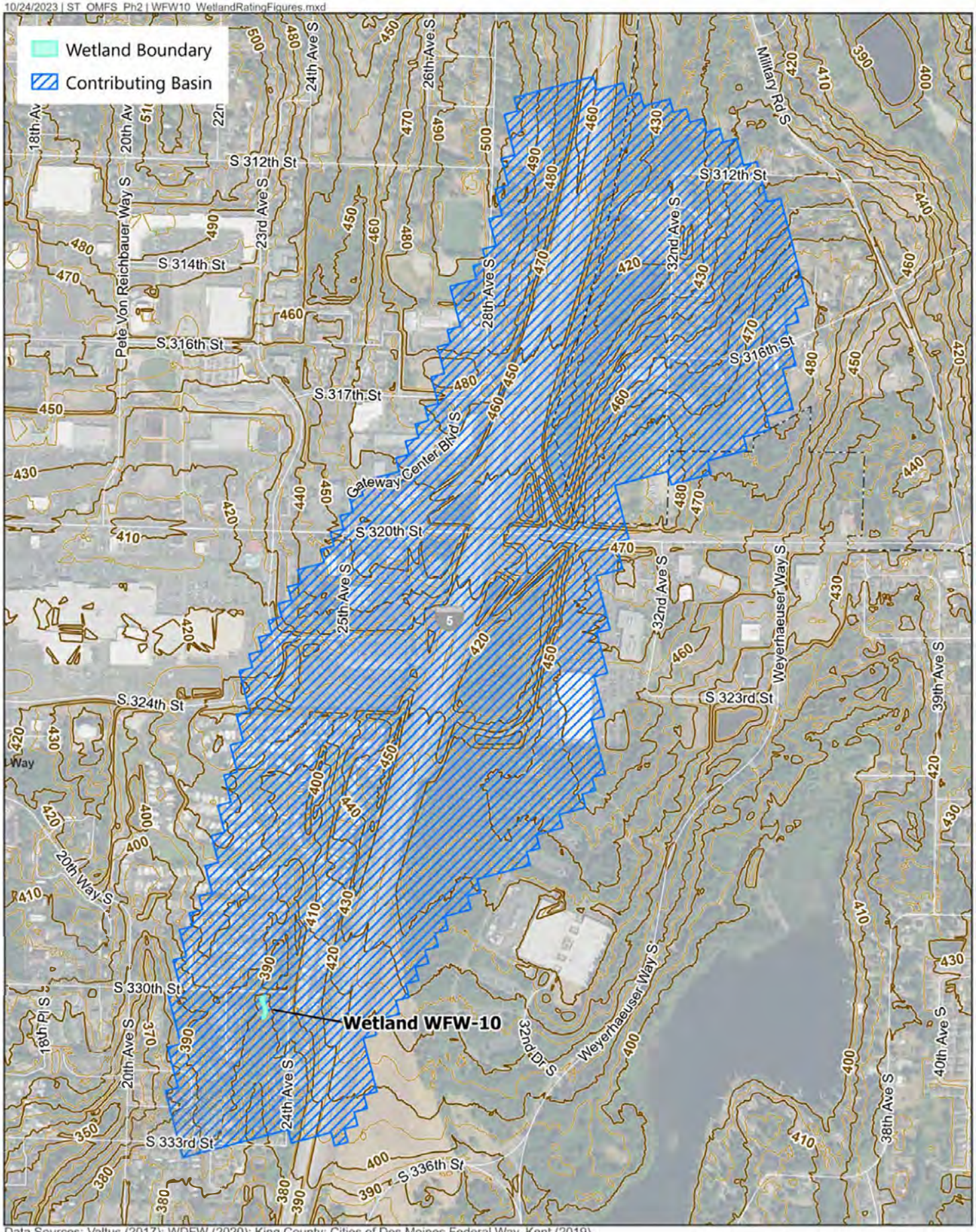

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-10
Contributing Basin

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW10_WetlandRatingFigures.mxd

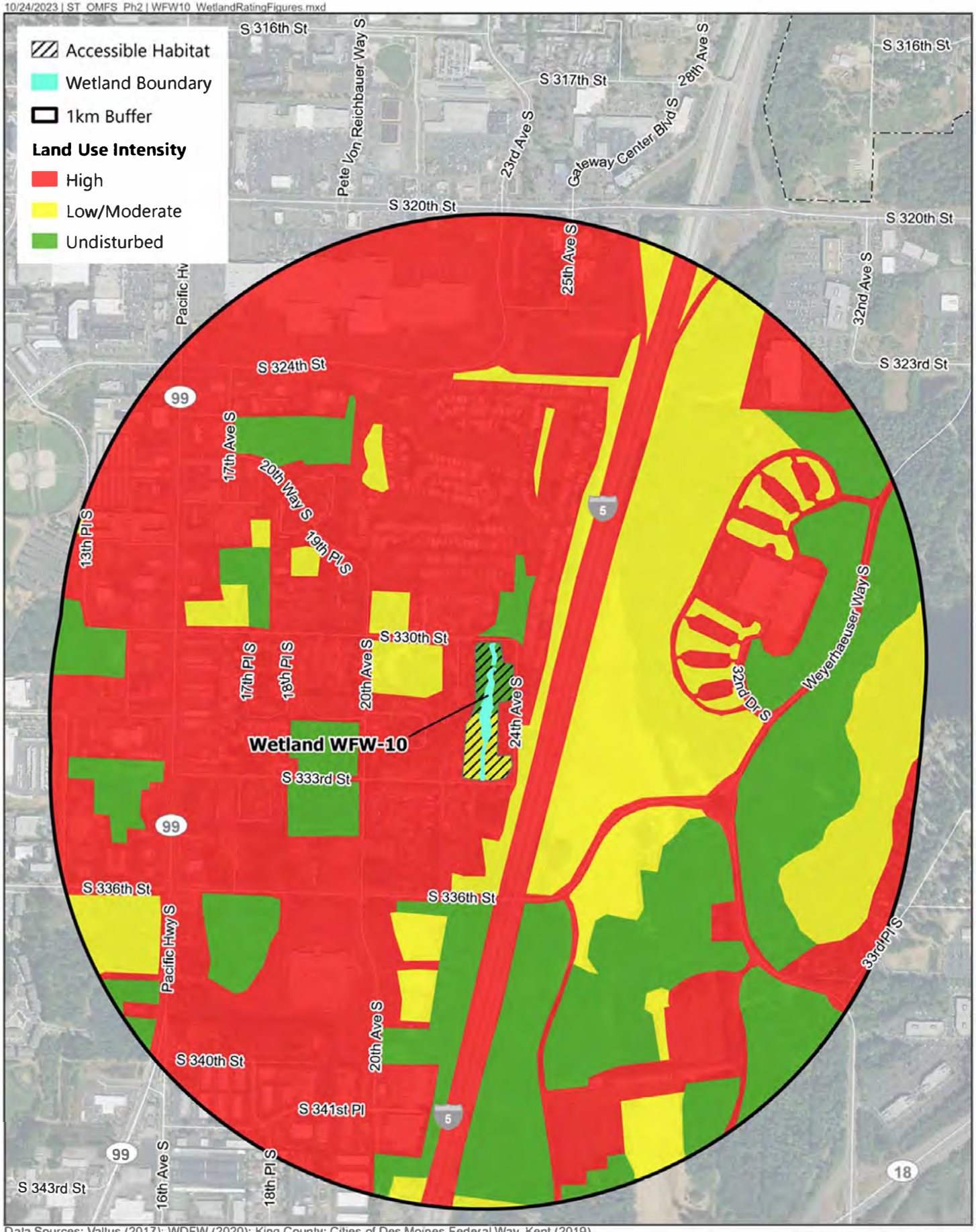

Data Sources: Vaitus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-10
Land Use Intensity

N

0 750 1,500 Feet

OMF South

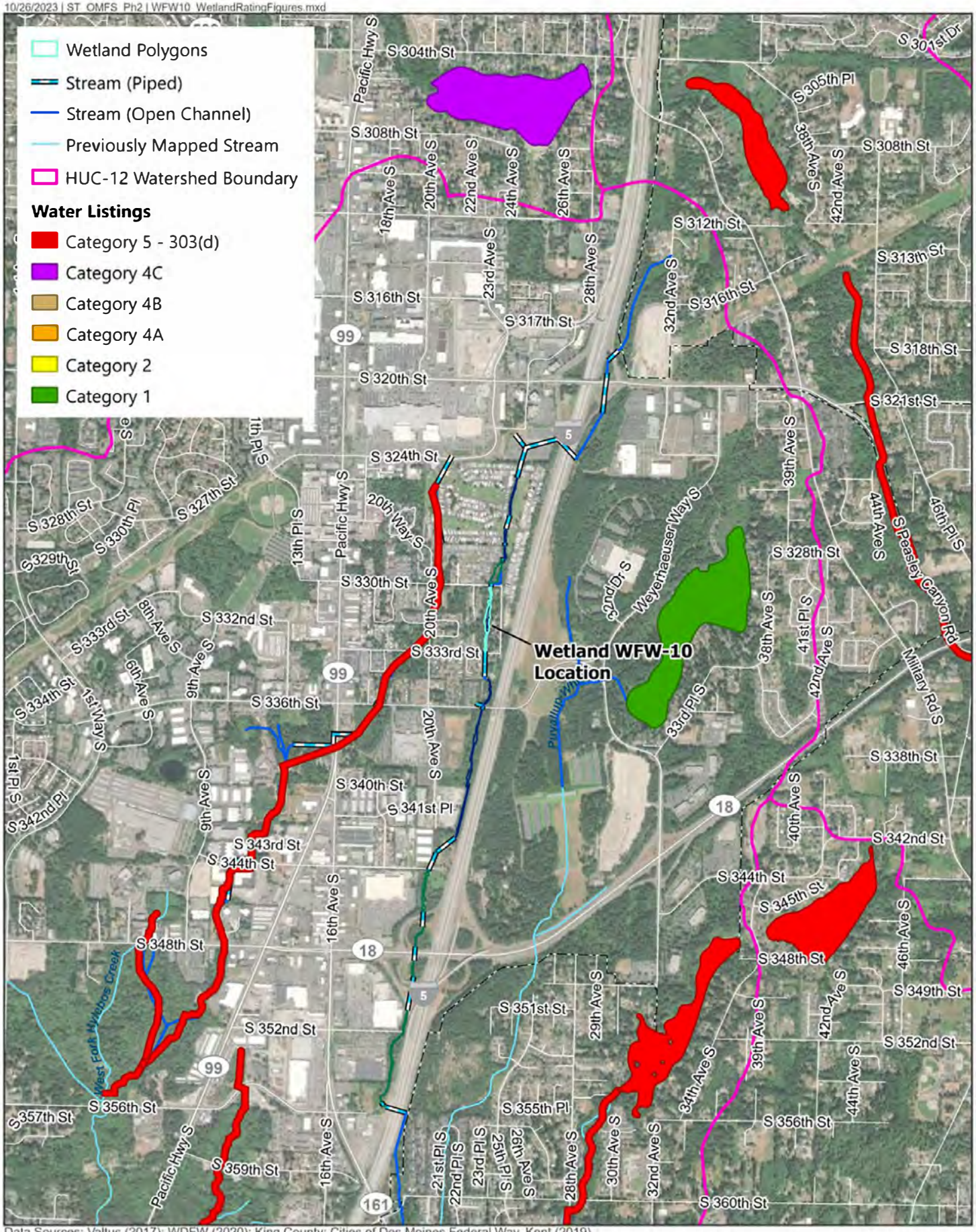

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-10
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

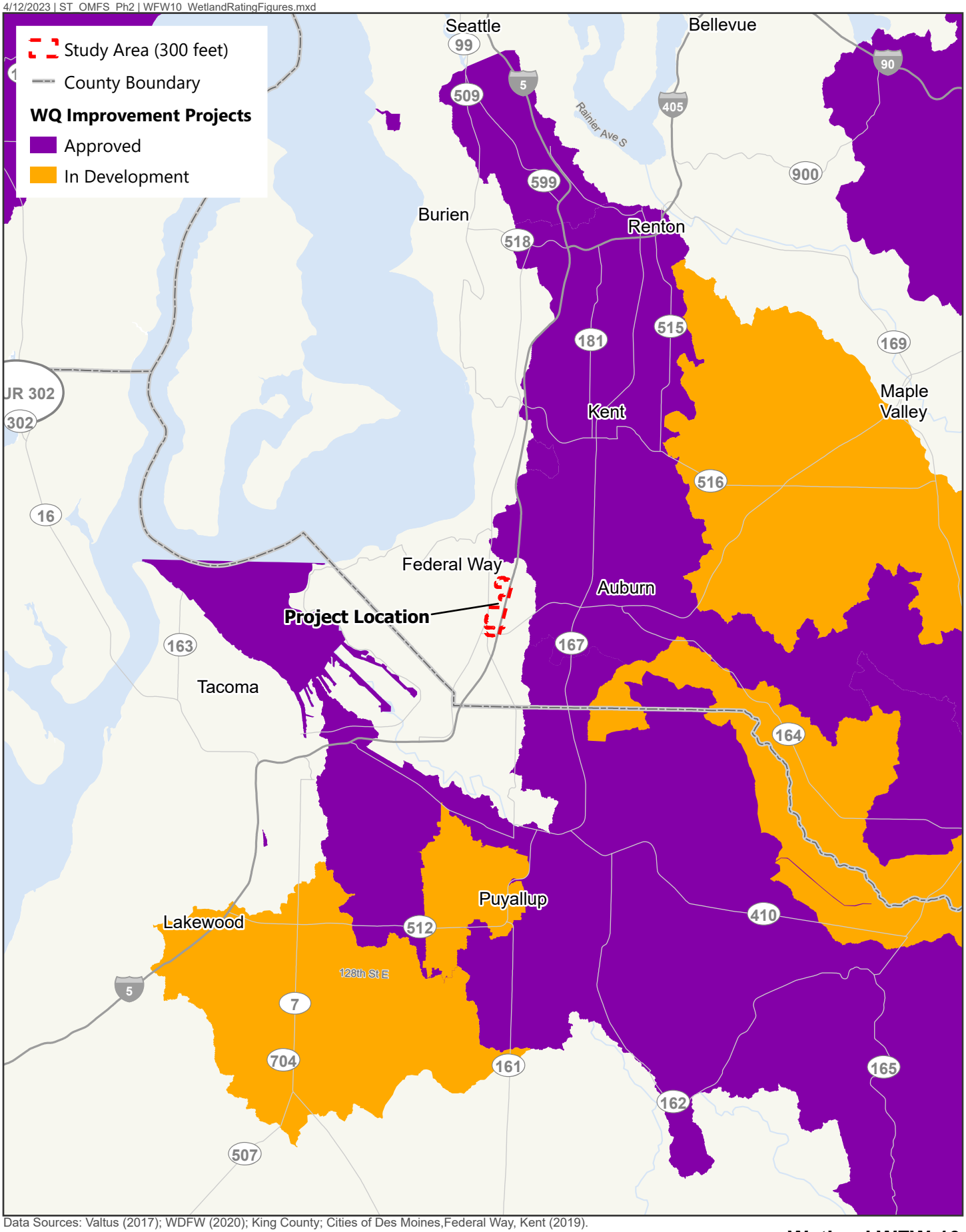

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-10

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-11 Date of site visit: 11/1/2019

Rated by A. Hoenig, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2015

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **III** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	M	M	L	
Value	M	H	M	**Total**
Score Based on Ratings	6	7	5	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source proximity to I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	2
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	3
Total for D 4 Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): ● Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ ● Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	2
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 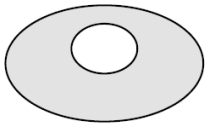 **Low** = 1 point 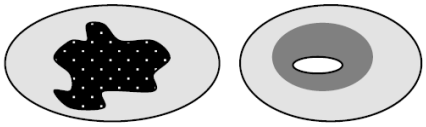 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 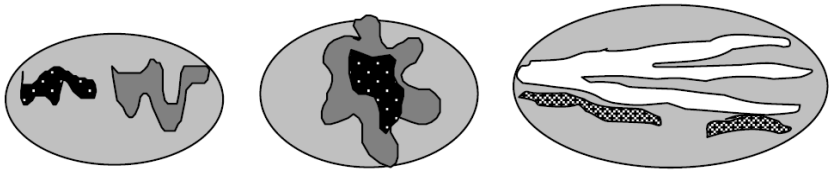	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**7**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (13.2 % moderate & low intensity land uses / 2) = 6.6% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 23.7 % undisturbed habitat + (21.2 % moderate & low intensity land uses / 2) = 34.3% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/26/2023 | ST_OMFS_Ph2 | WFW11_WetlandRatingFigures.mxd

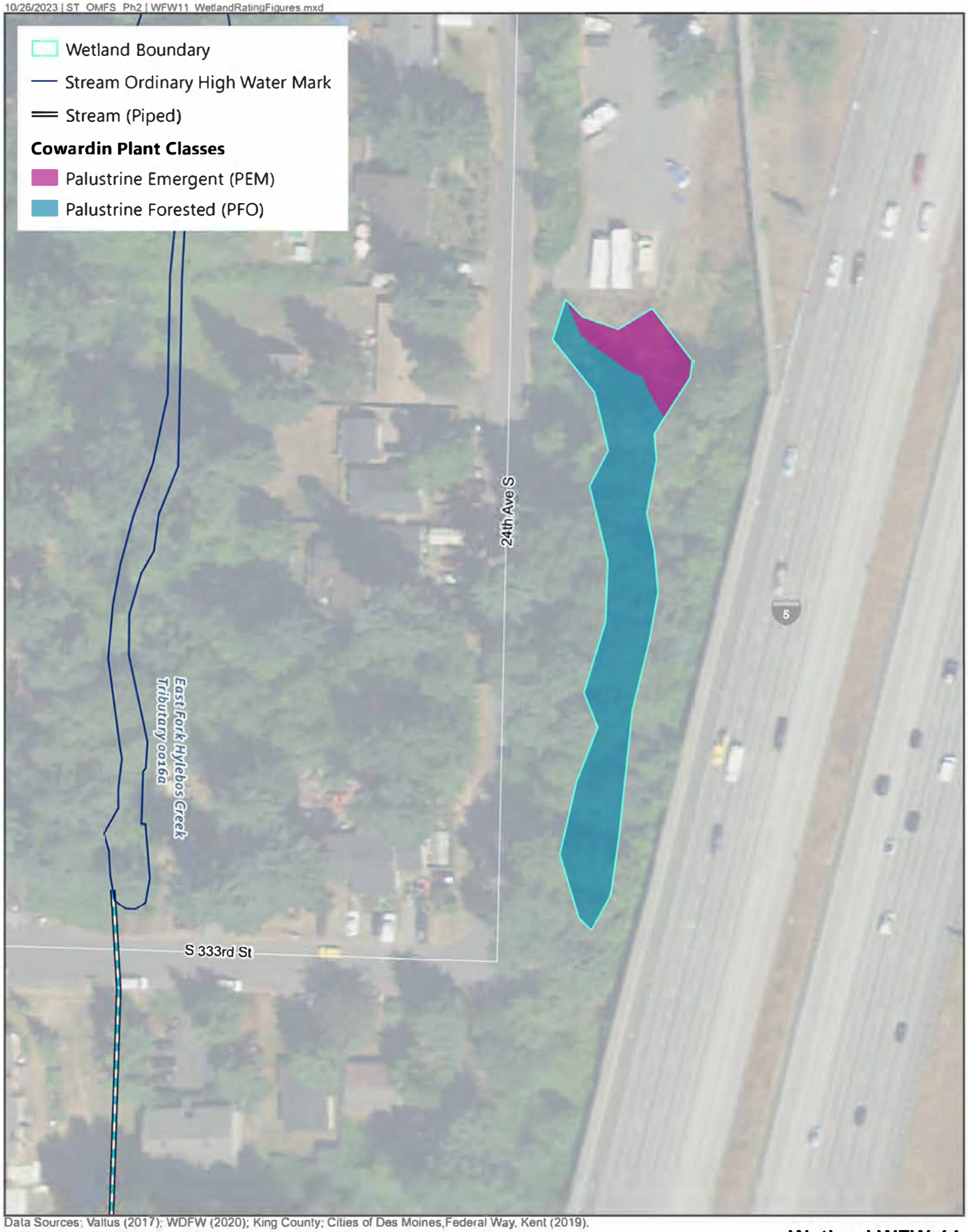

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-11

Cowardin Plant Classes and Cover

N

0 75 150 Feet

OMF South

10/26/2023 | ST_OMFS_Ph2 | WFW11_WetlandRatingFigures.mxd

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-11
Hydroperiods

N

0 100 200 Feet

OMF South

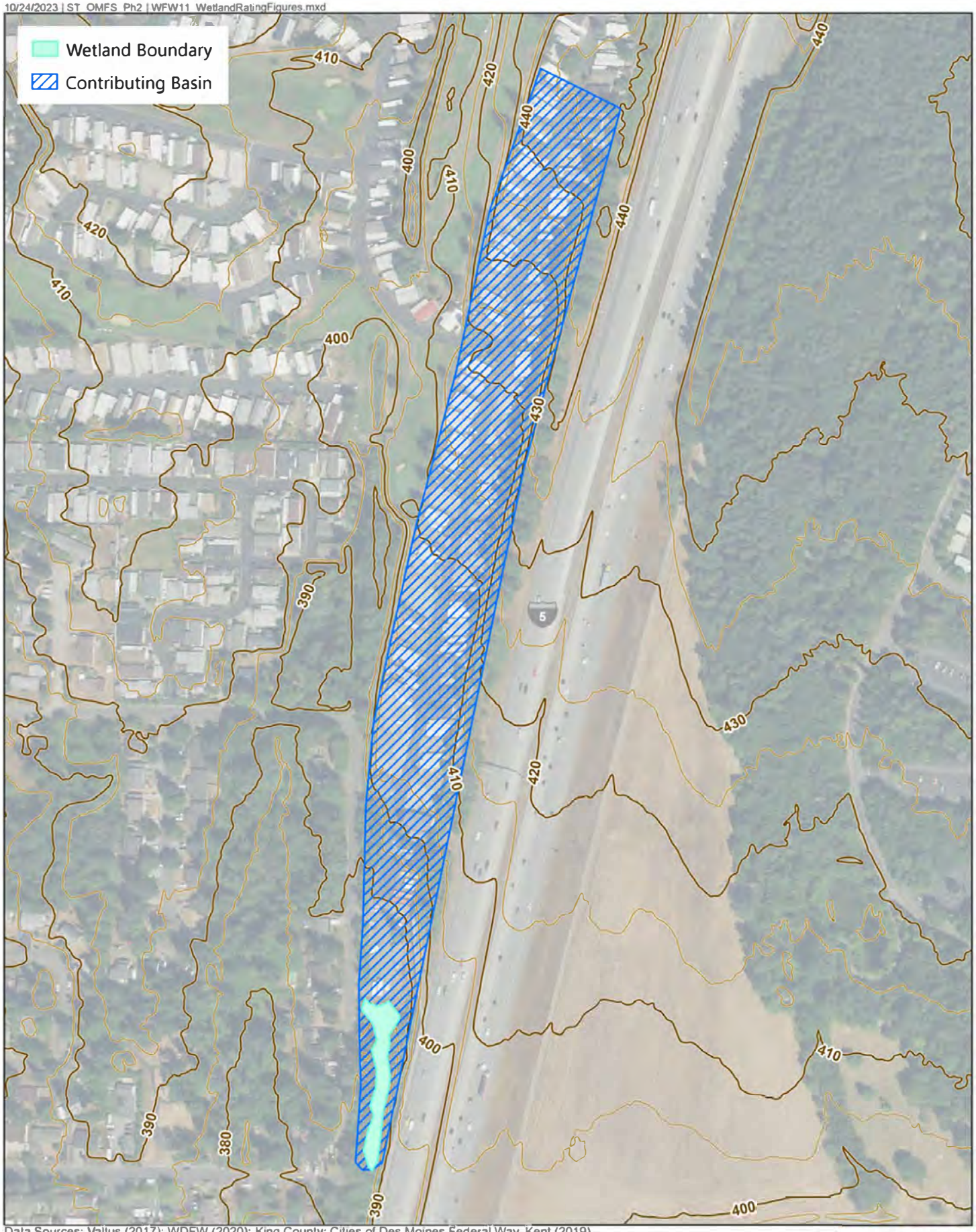

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-11
Contributing Basin

N

0 250 500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW11_WetlandRatingFigures.mxd

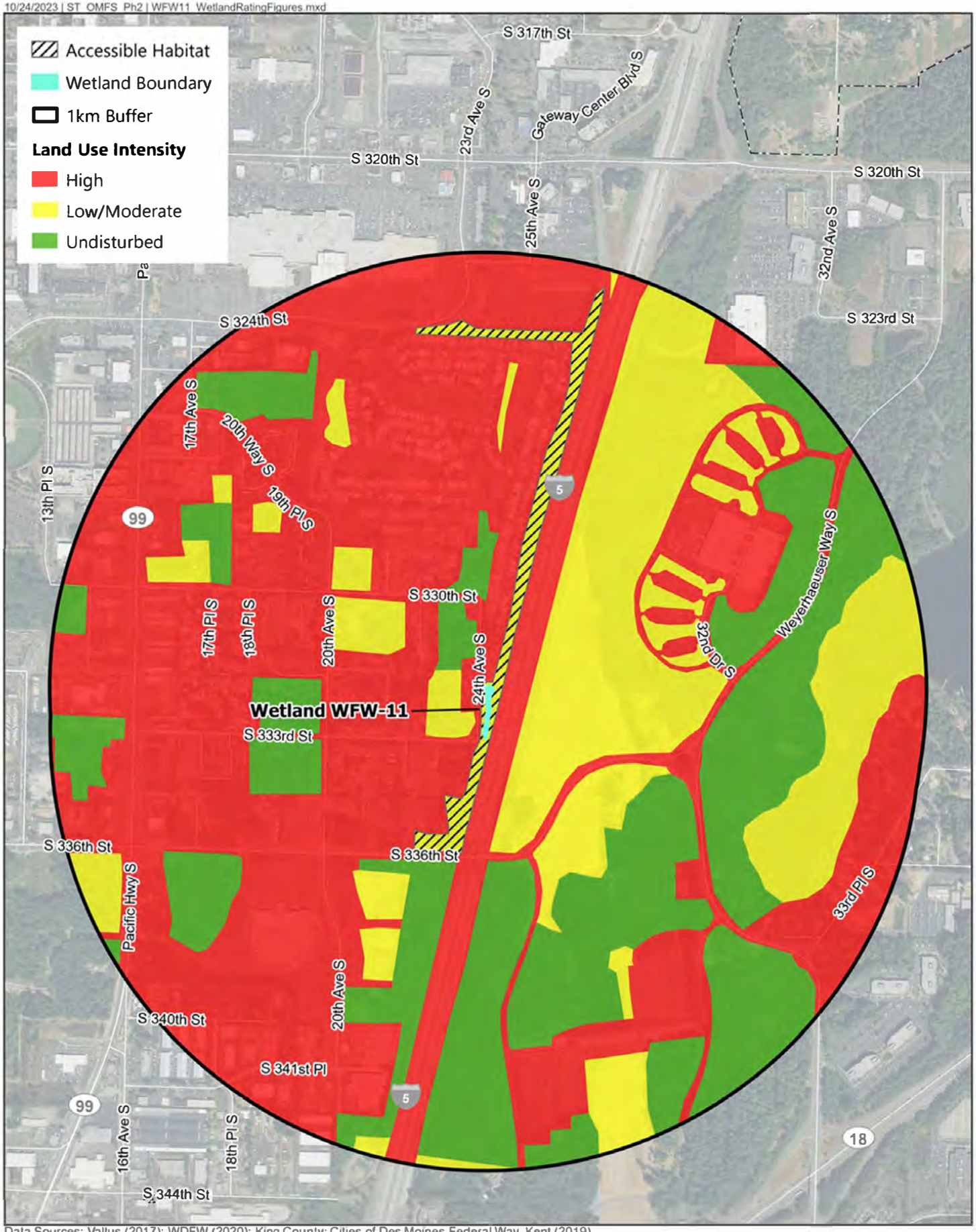

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-11
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW11_WetlandRatingFigures.mxd

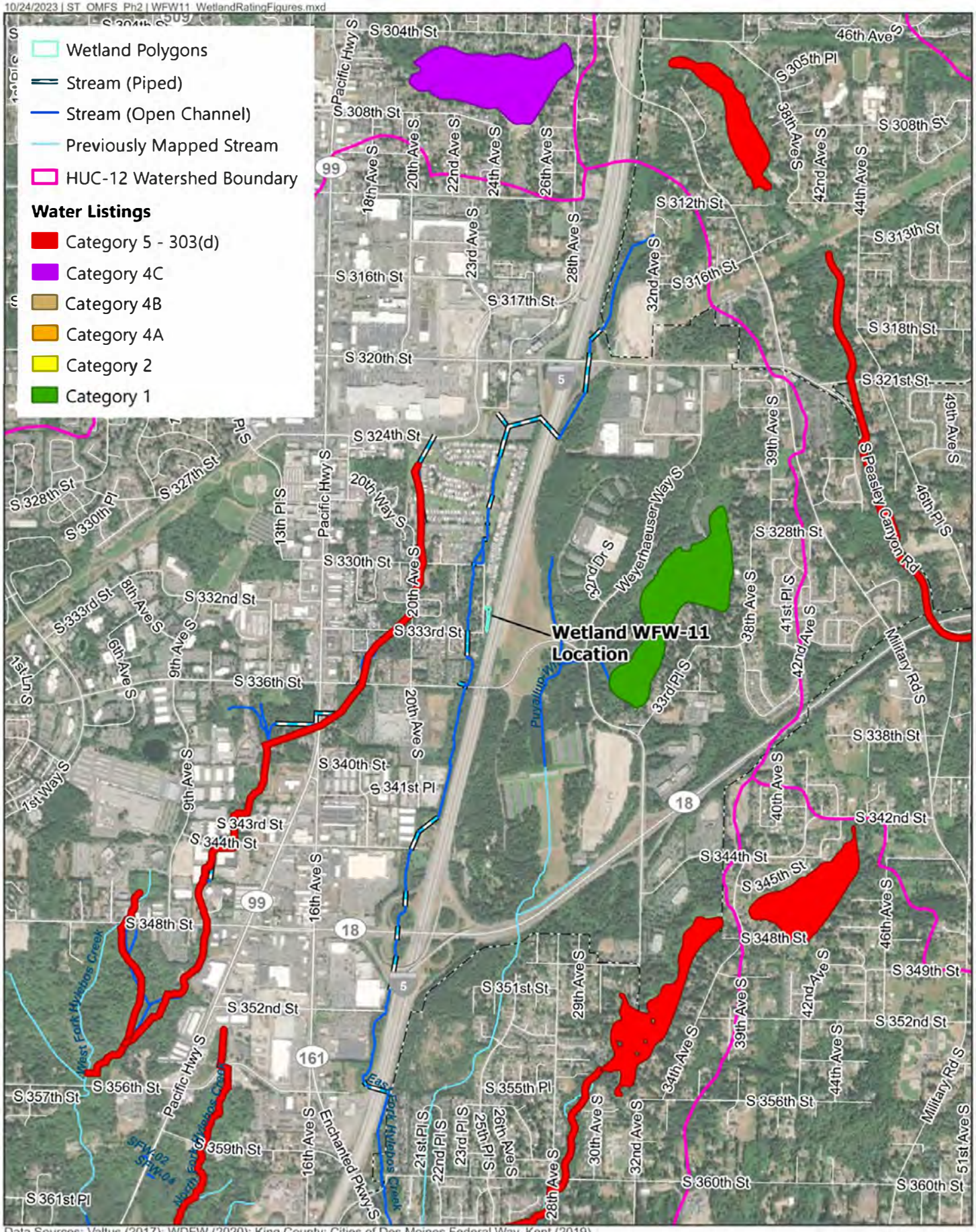

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-11
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

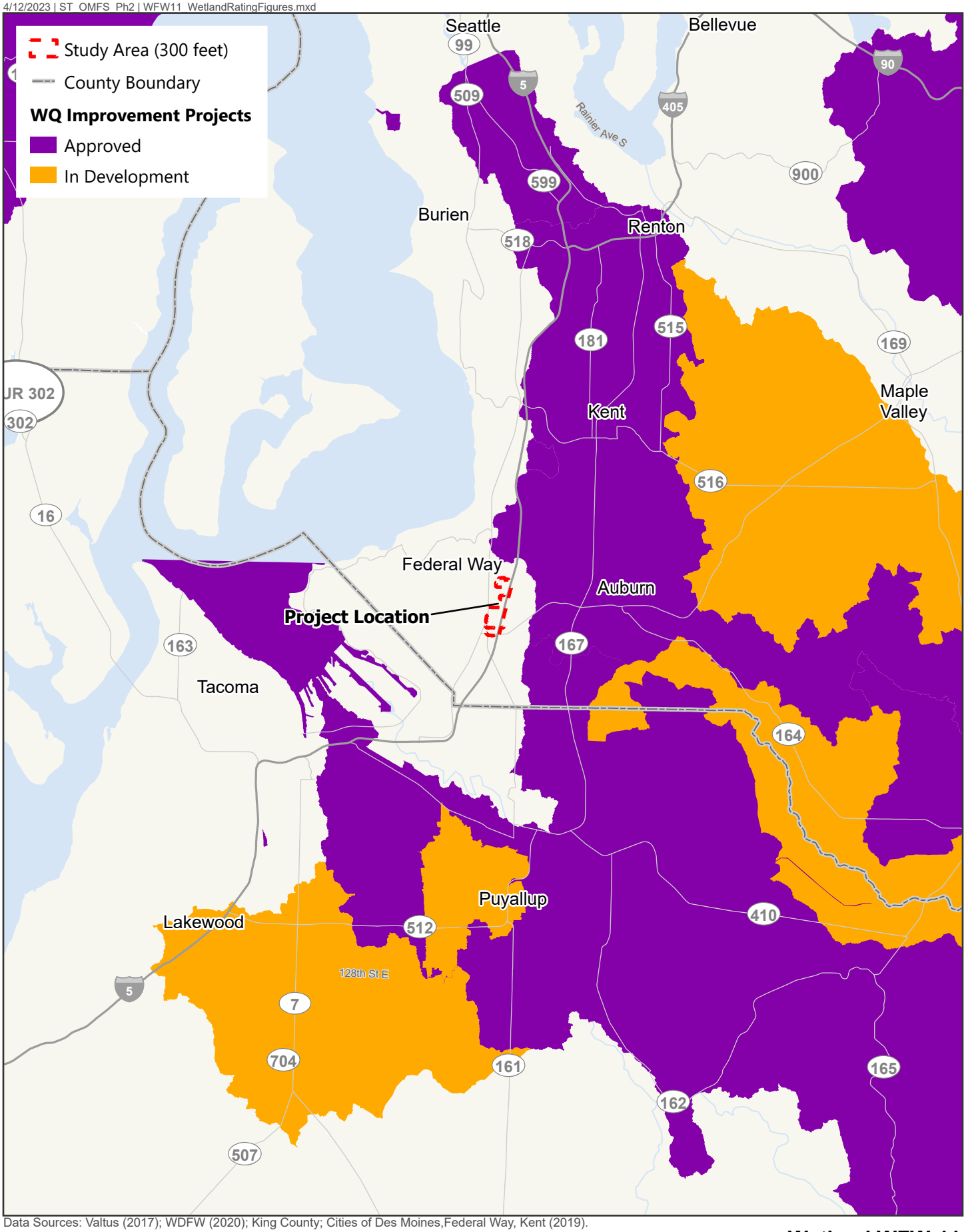

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-11

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-12 Date of site visit: 11/14/2019

Rated by A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2018

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	M	**Total**
Score Based on Ratings	6	8	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^{3}/_{4}$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^{2}/_{3}$ area of the wetland	points = 8	
☐ Trees or shrubs > $^{1}/_{3}$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^{2}/_{3}$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^{1}/_{3}$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^{1}/_{3}$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources lots of trash	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 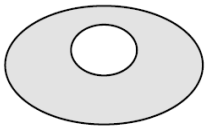 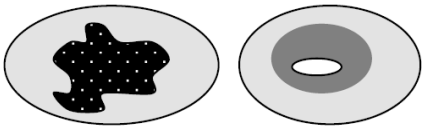 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 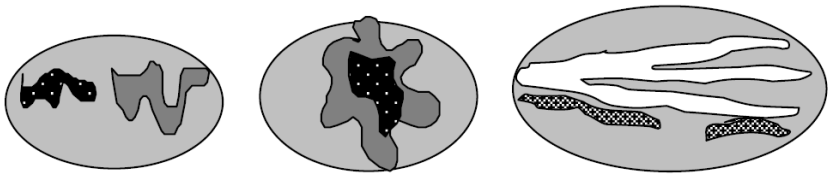	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**12**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0.3 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0.3% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 19.6 % undisturbed habitat + (20.6 % moderate & low intensity land uses / 2) = 29.9% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/26/2023 | ST_OMFS_Ph2 | WFW12_WetlandRatingFigures.mxd

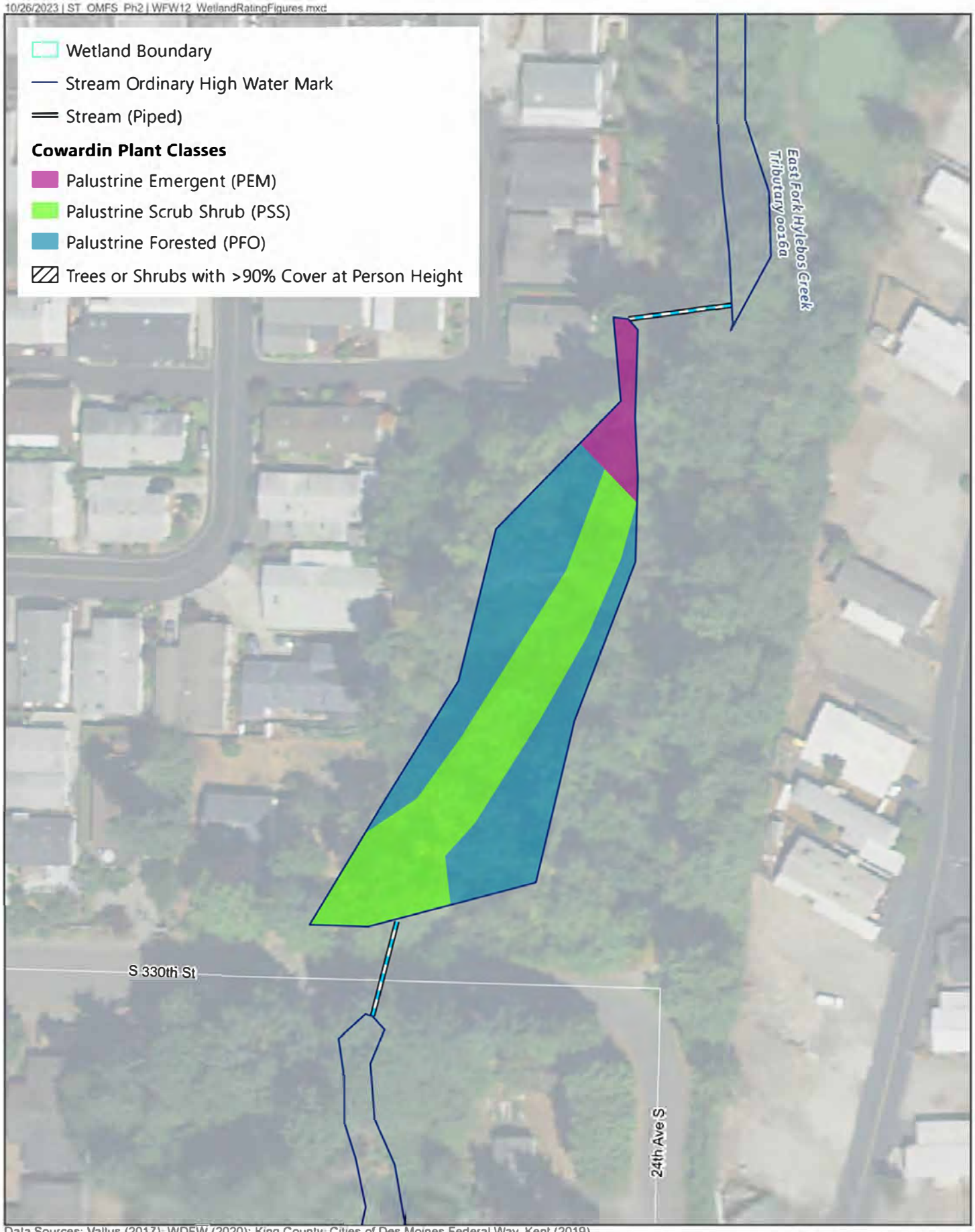

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-12
Cowardin Plant Classes and Cover

N

0 50 100 Feet

OMF South

10/26/2023 | ST_OMFS_Ph2 | WFW12_WetlandRatingFigures.mxd

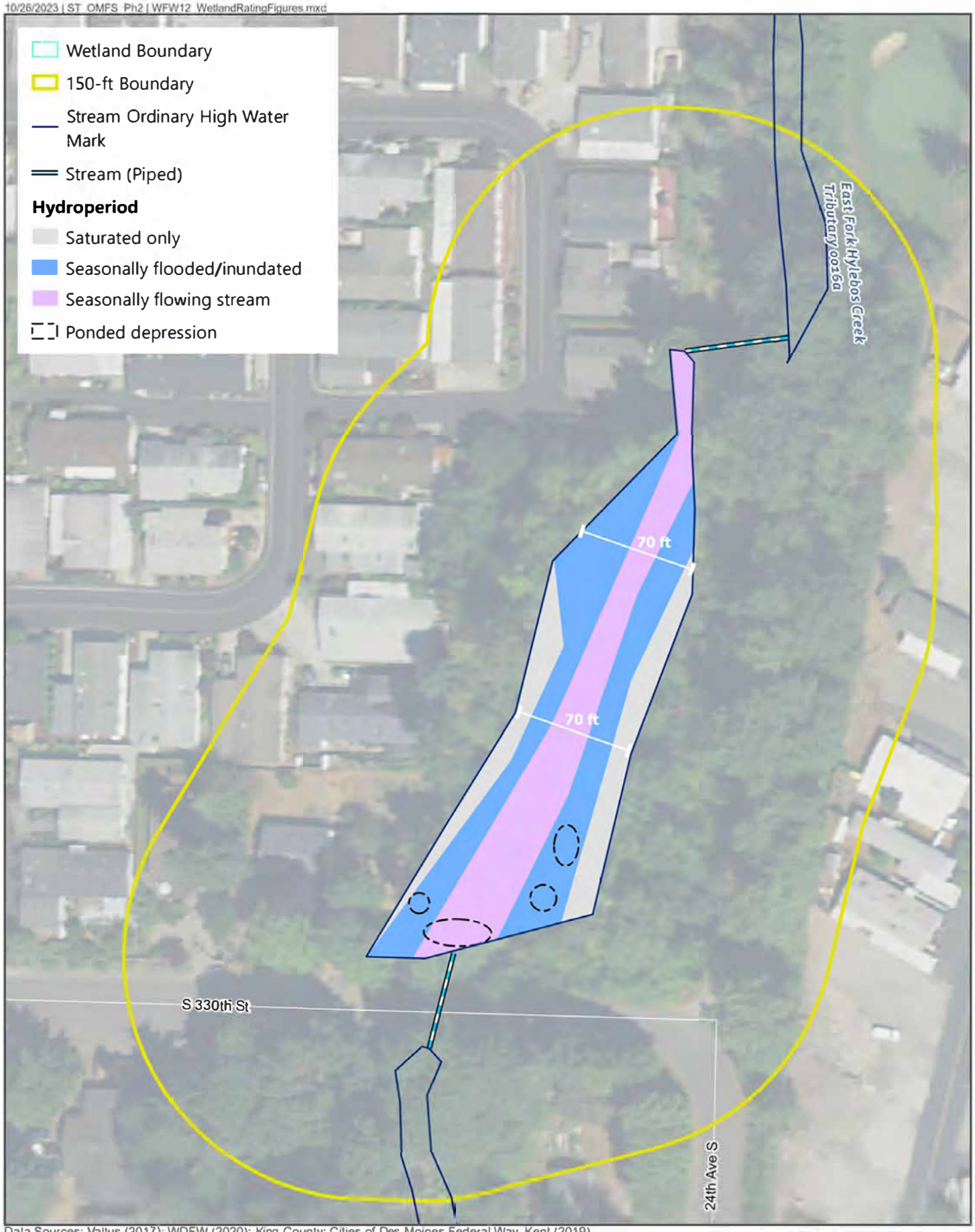

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-12
Hydroperiods

N

0 50 100 Feet

OMF South

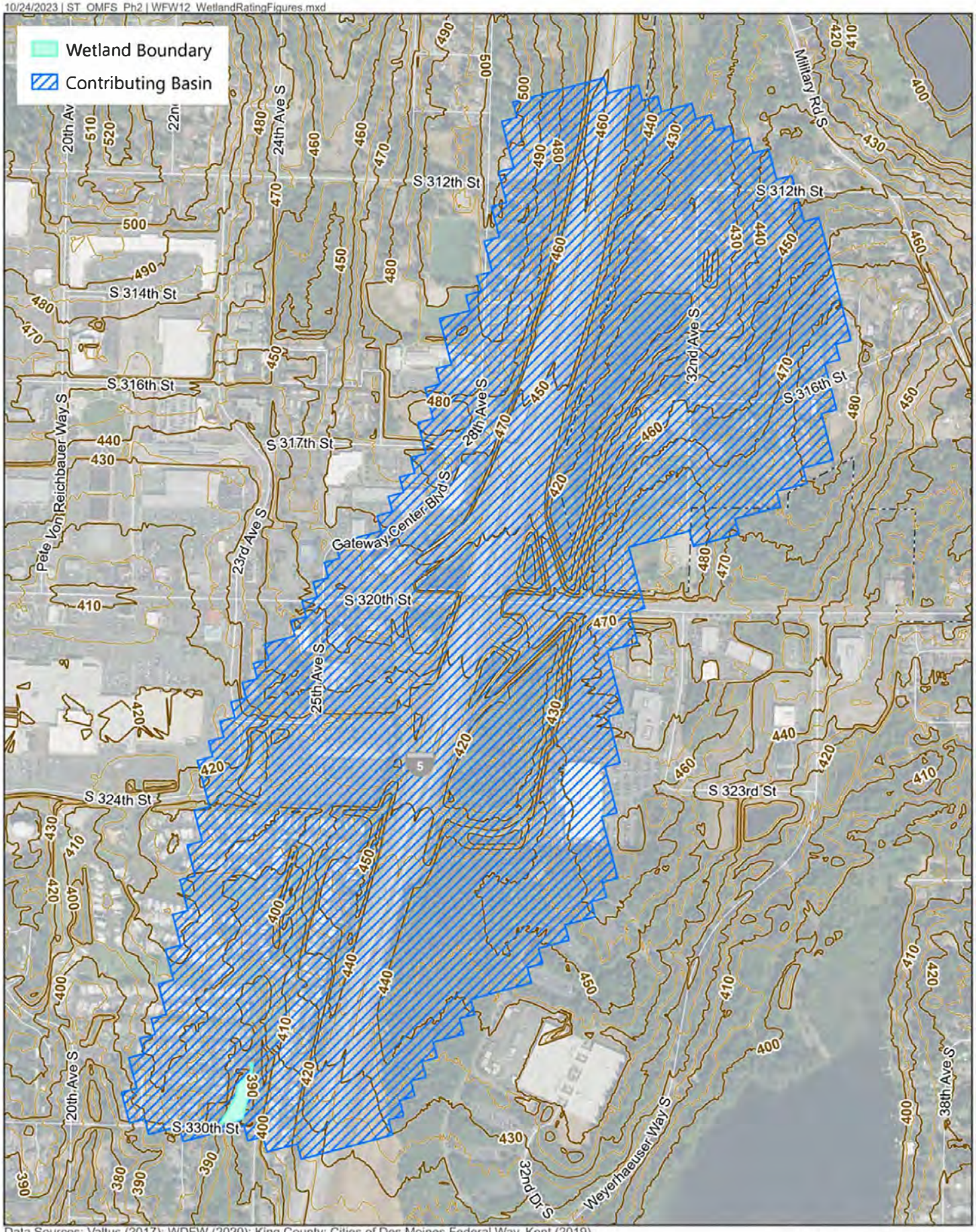

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-12
Contributing Basin

N

0 600 1,200 Feet

OMF South

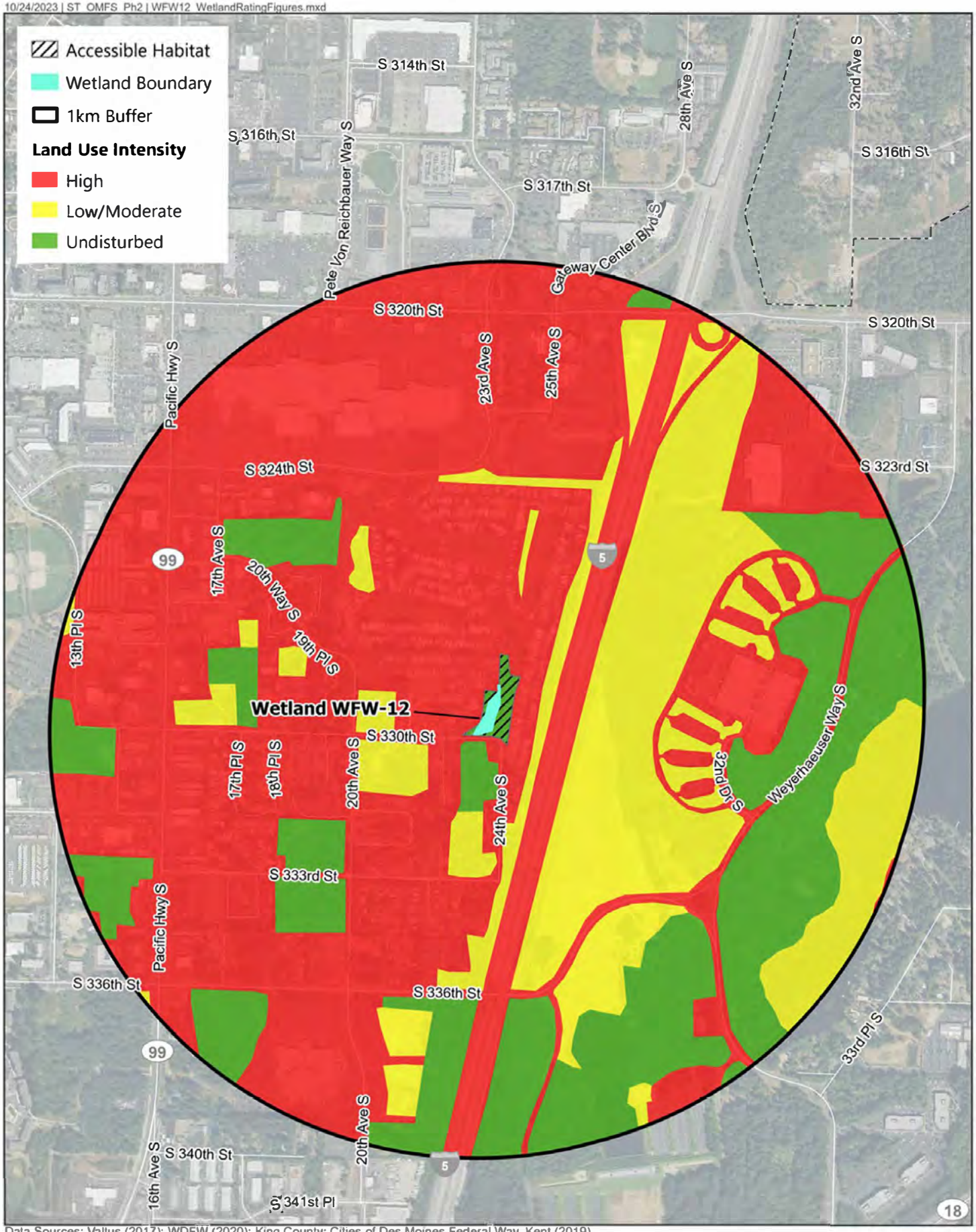

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-12
Land Use Intensity

N

0 750 1,500 Feet

OMF South

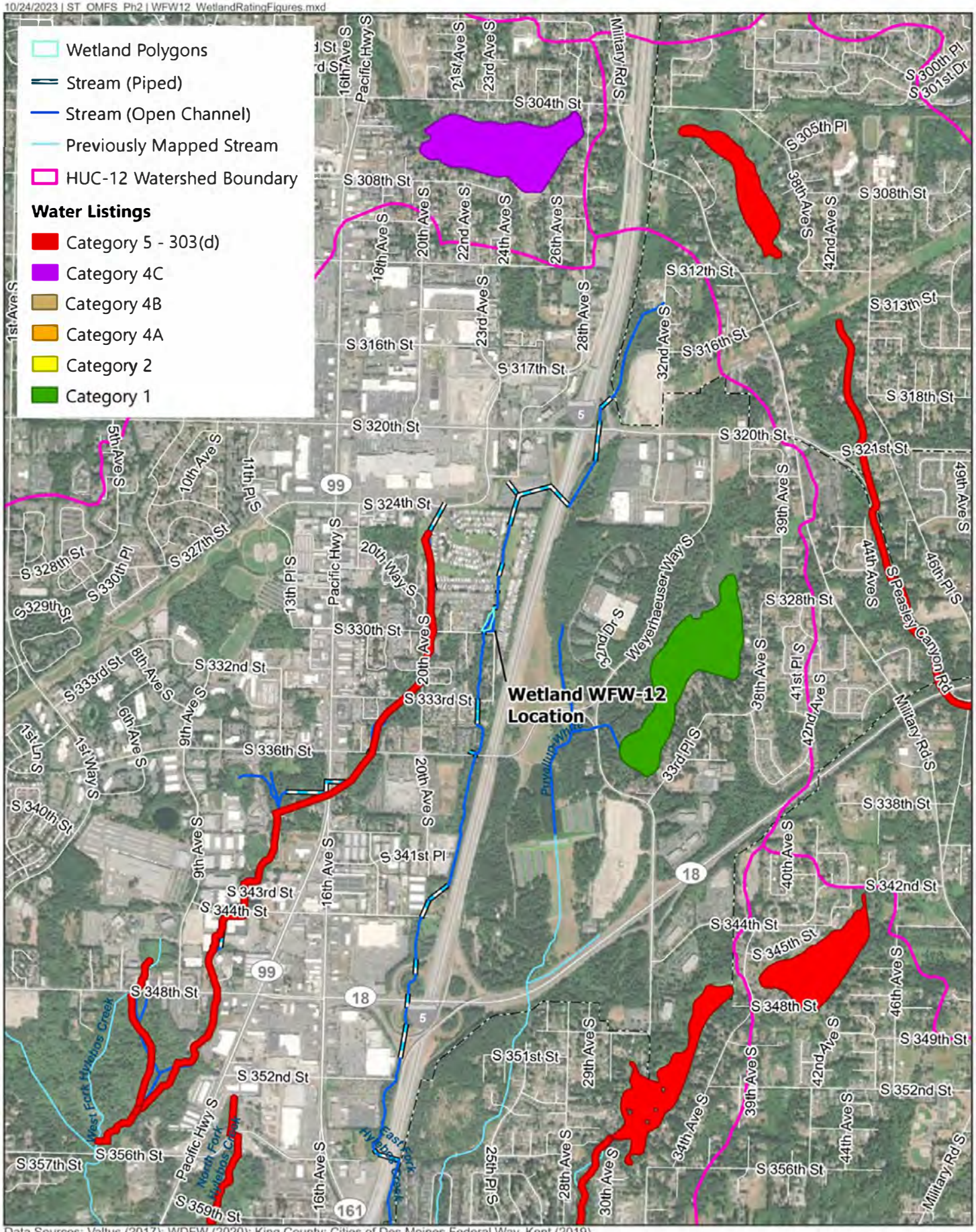

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-12
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

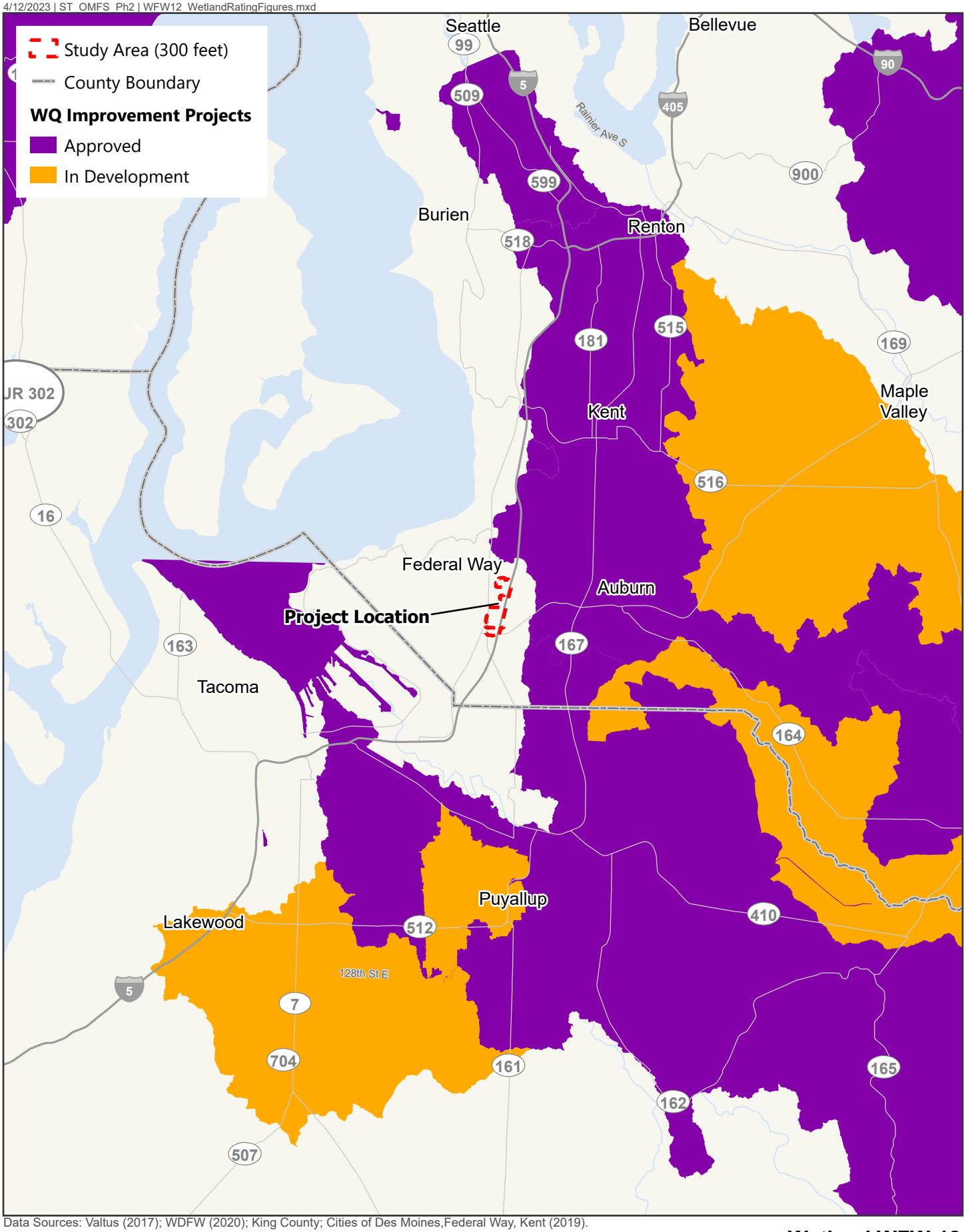

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-12

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-13 Date of site visit: 11/26/2019

Rated by A. Hoenig, M. Murphy, A. Tho Trained by Ecology? ☑ Yes ☐ No Date of training 15-Oct

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY IV (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
X **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	M	M	L	
Value	M	H	L	**Total**
Score Based on Ratings	5	6	3	**14**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

SLOPE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less — points = 3 Slope is > 1% - 2% — points = 2 Slope is > 2% - 5% — points = 1 Slope is greater than 5% — points = 0	1
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area — points = 6 Dense, uncut, herbaceous plants > ½ of area — points = 3 Dense, woody, plants > ½ of area — points = 2 Dense, uncut, herbaceous plants > ¼ of area — points = 1 Does not meet any of the criteria above for plants — points = 0	0
Total for S 1 — Add the points in the boxes above	**1**

Rating of Site Potential If score is: ☐ **12 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources proximity to I-5 Yes = 1 No = 0	1
Total for S 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	0
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found*? Yes = 2 No = 0	0
Total for S 3 — Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms. Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > 1/8 in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland — points = 1 All other conditions — points = 0	0

Rating of Site Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) — points = 2 Surface flooding problems are in a sub-basin farther down-gradient — points = 1 No flooding problems anywhere downstream — points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 — Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 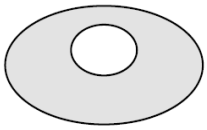 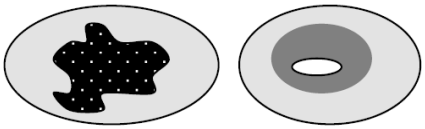 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 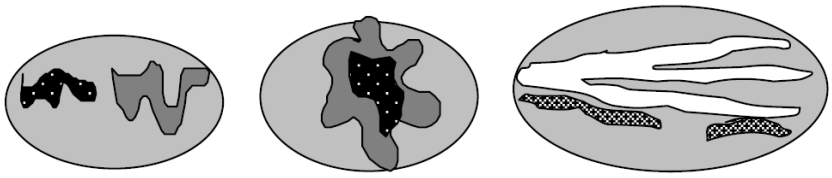	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**0**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1.6 % moderate & low intensity land uses / 2) = 0.8% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 24.4 % undisturbed habitat + (22 % moderate & low intensity land uses / 2) = 35.4% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

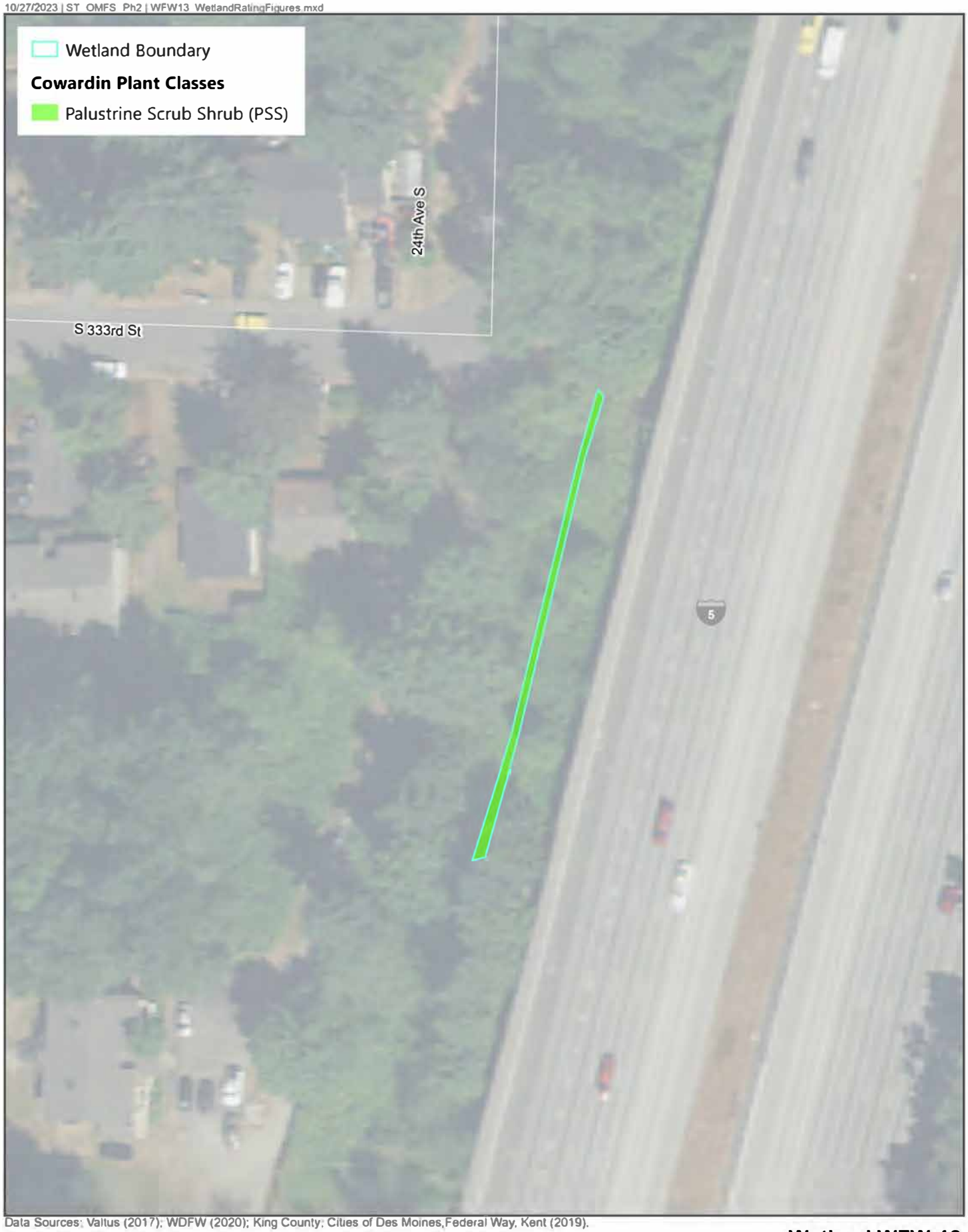

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-13

Cowardin Plant Classes and Cover

N

0 40 80 Feet

OMF South

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-13
Hydroperiods

N

0 40 80 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW13_WetlandRatingFigures.mxd

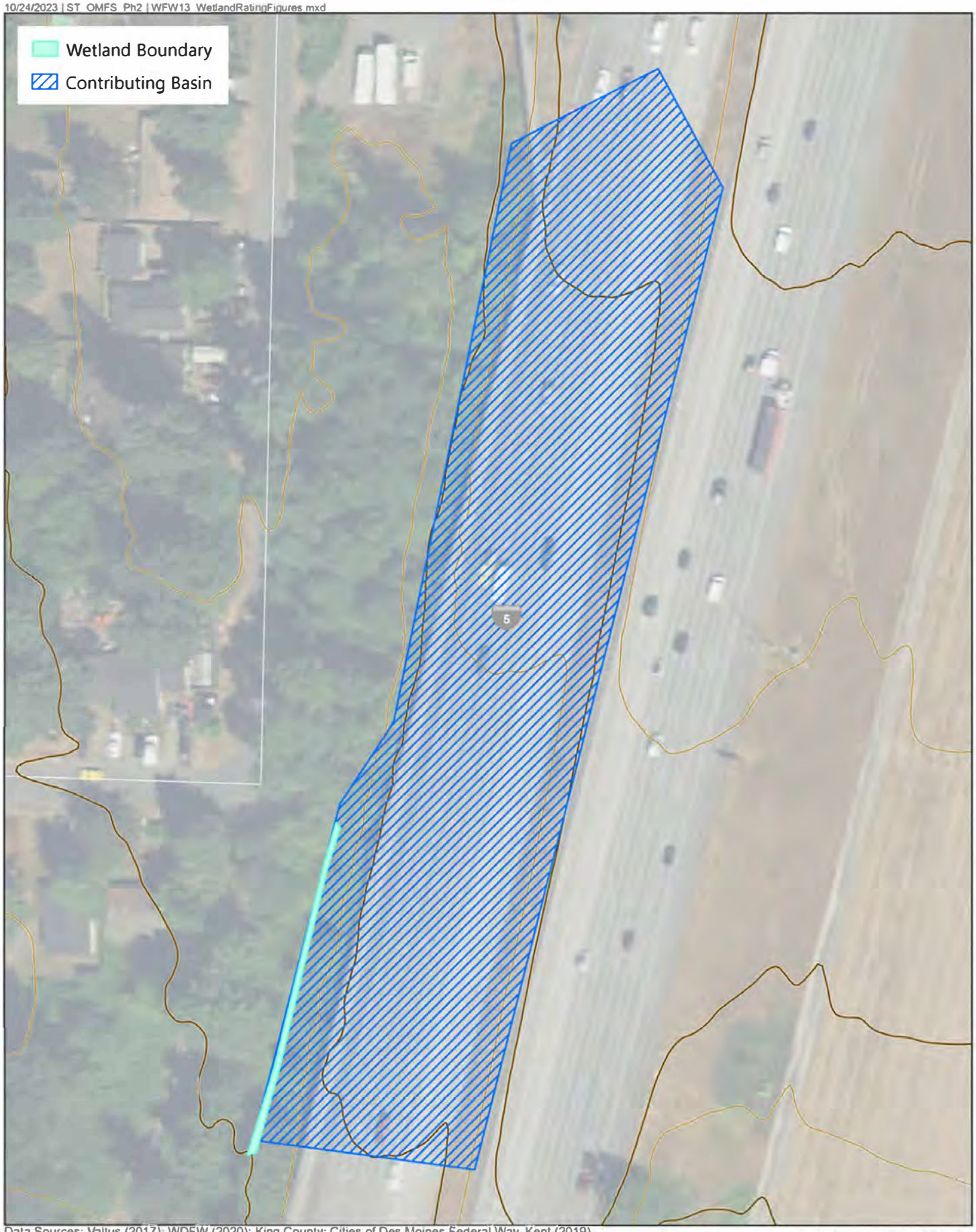

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-13
Contributing Basin

N

0 60 120 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW13_WetlandRatingFigures.mxd

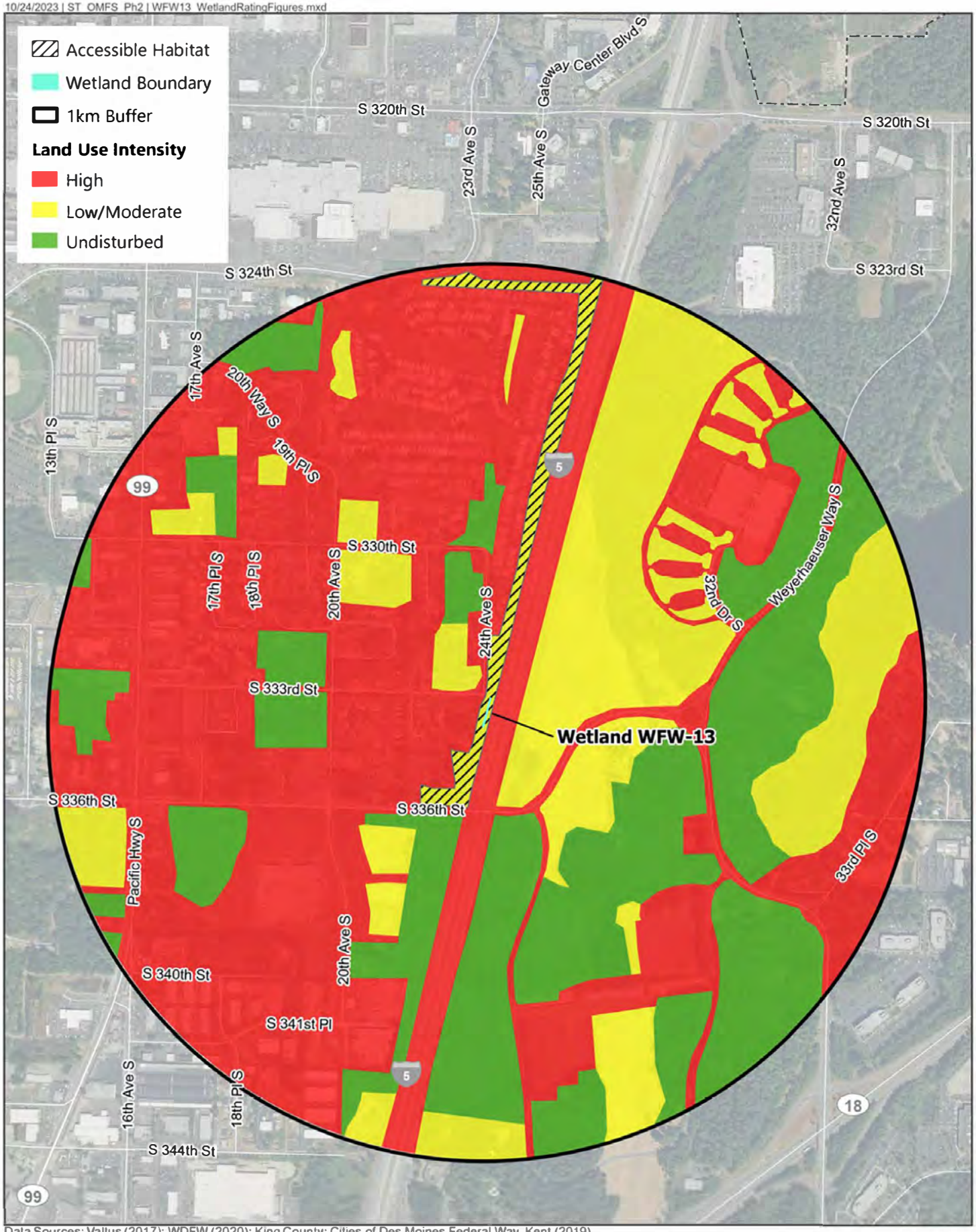

Data Sources: Vaitus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-13
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW13_WetlandRatingFigures.mxd

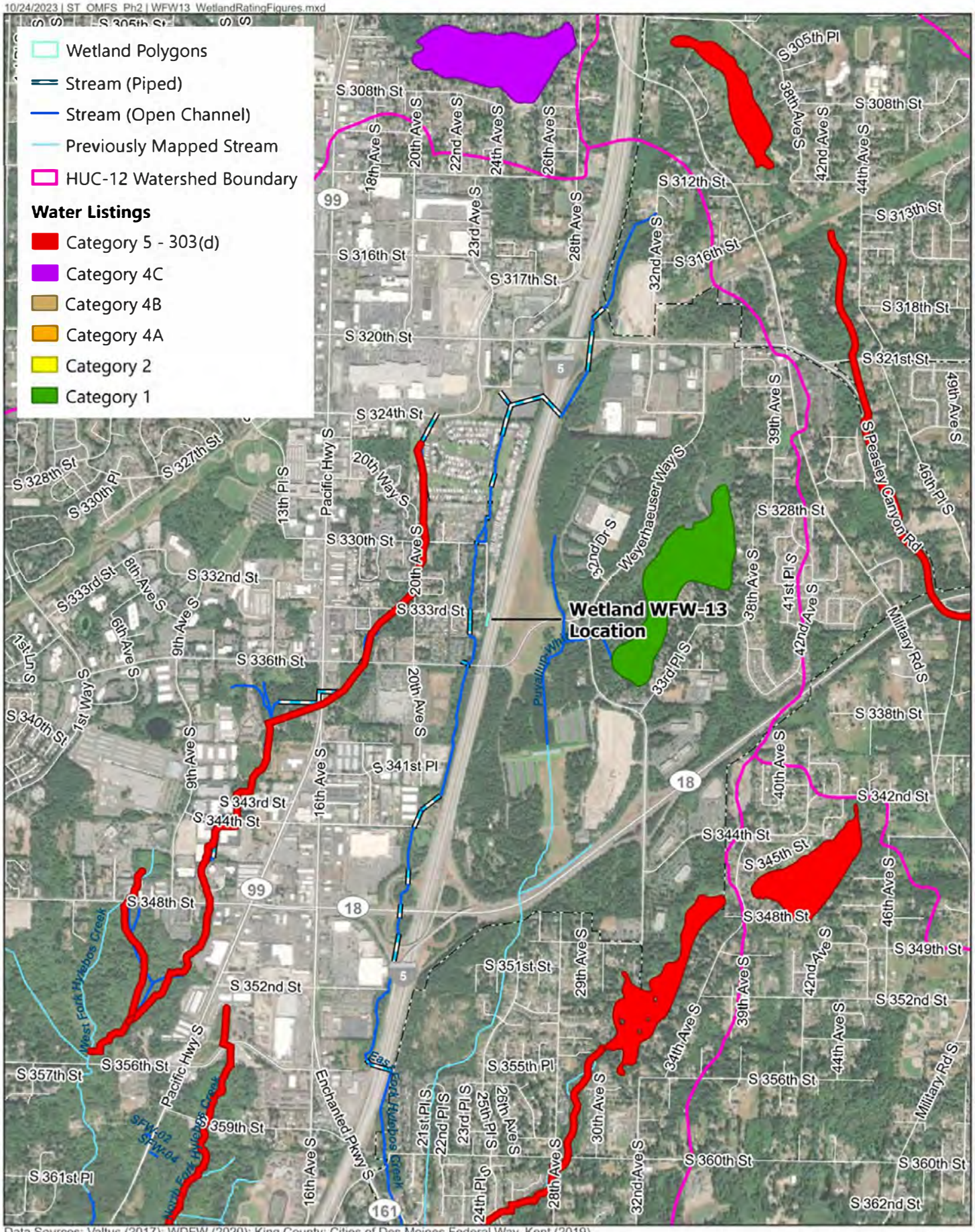

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-13
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

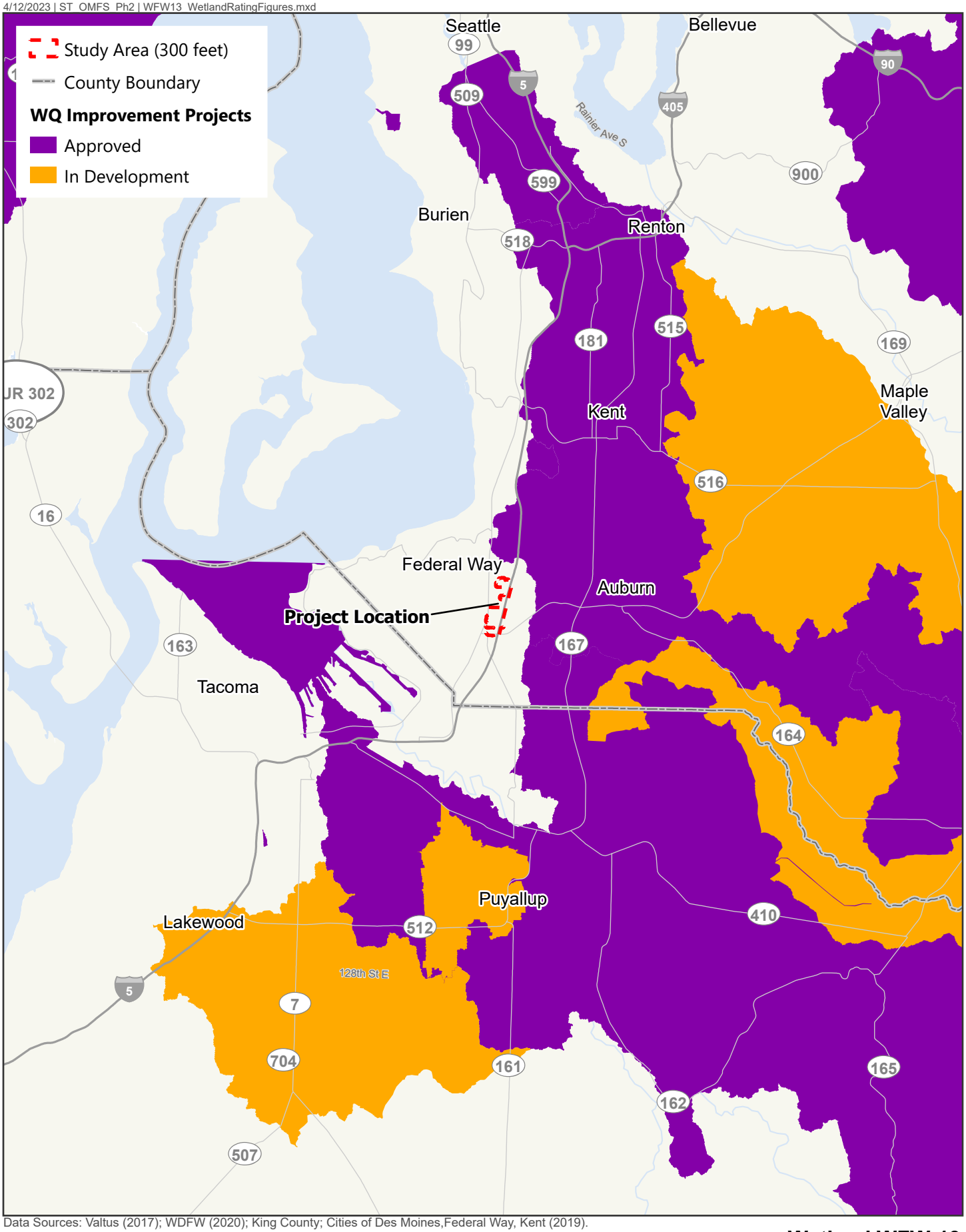

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-13

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-14 Date of site visit: 12/3/2019

Rated by T. Parry, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	M	H	L	
Value	M	H	M	**Total**
Score Based on Ratings	5	7	4	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		0
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**2**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		0
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**2**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 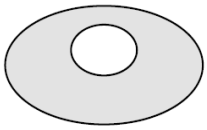 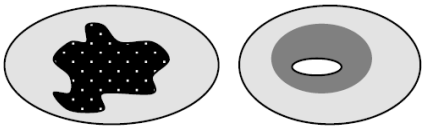 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 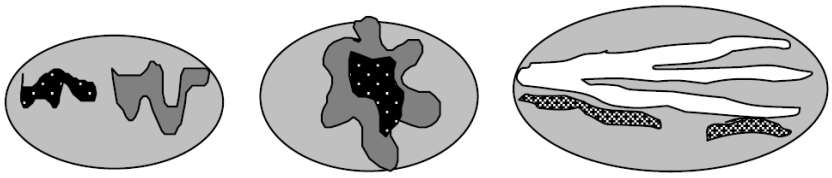	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☑ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1.1 % moderate & low intensity land uses / 2) = 0.55% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25.2 % undisturbed habitat + (21.4 % moderate & low intensity land uses / 2) = 35.9% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.*** ☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more. ☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm). ☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**	
SC 5.0. Wetlands in Coastal Lagoons Does the wetland meet all of the following criteria of a wetland in a coastal lagoon? ☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks ☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*) ☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon** SC 5.1. Does the wetland meet all of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100). ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2) ☐ Yes = **Category I** ☐ No = **Category II**	
SC 6.0. Interdunal Wetlands Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.*** In practical terms that means the following geographic areas: ☐ Long Beach Peninsula: Lands west of SR 103 ☐ Grayland-Westport: Lands west of SR 105 ☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109 ☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating** SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)? ☐ Yes = **Category I** ☐ No - Go to **SC 6.2** SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger? ☐ Yes = **Category II** ☐ No - Go to **SC 6.3** SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac? ☐ Yes = **Category III** ☐ No = **Category IV**	
Category of wetland based on Special Characteristics If you answered No for all types, enter "Not Applicable" on Summary Form	

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-14
Cowardin Plant Classes and Cover

N

0 30 60 Feet

OMF South

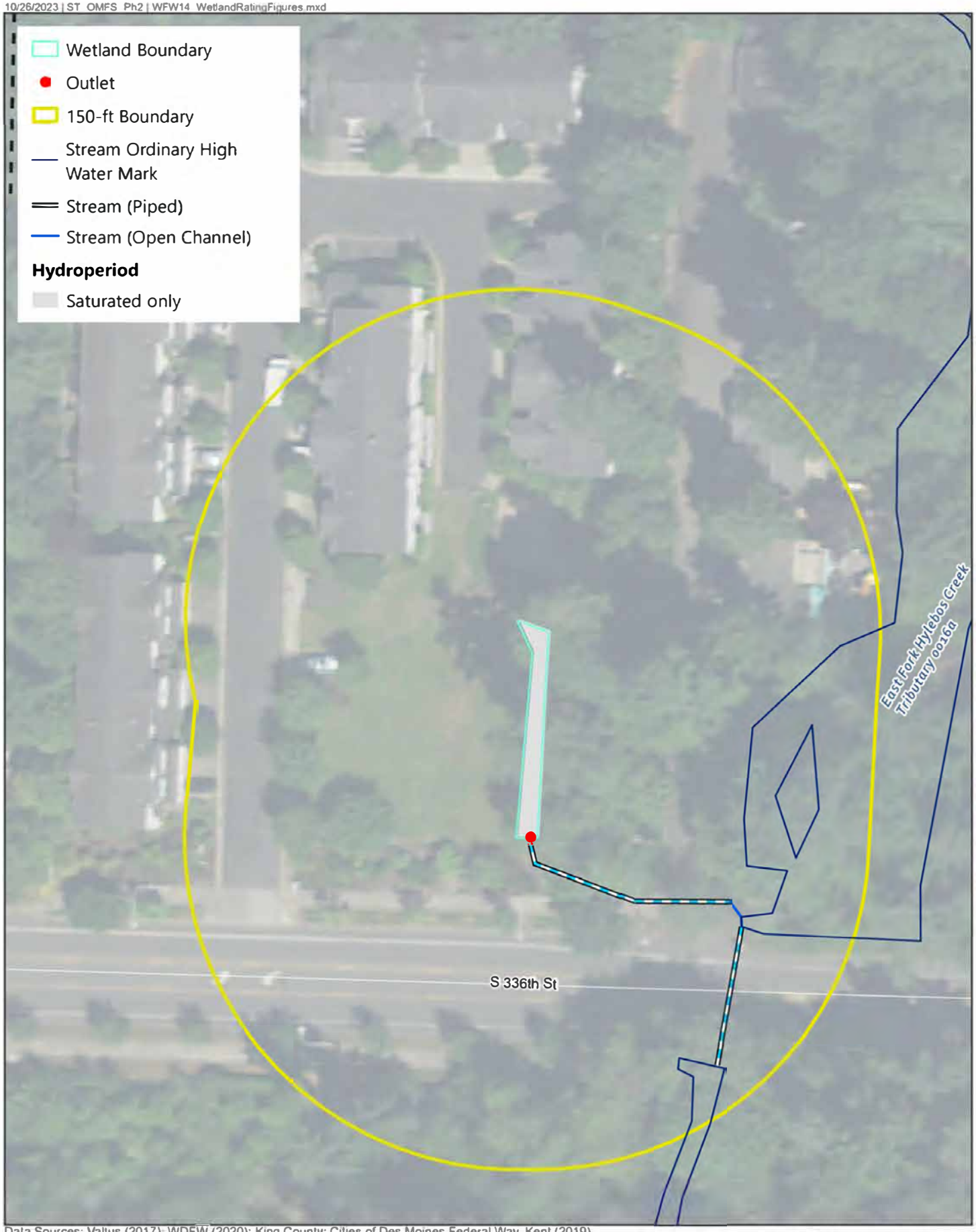

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-14
Hydroperiods

N

0 30 60 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW14_WetlandRatingFigures.mxd

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-14
Contributing Basin

N

0 40 80 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW14_WetlandRatingFigures.mxd

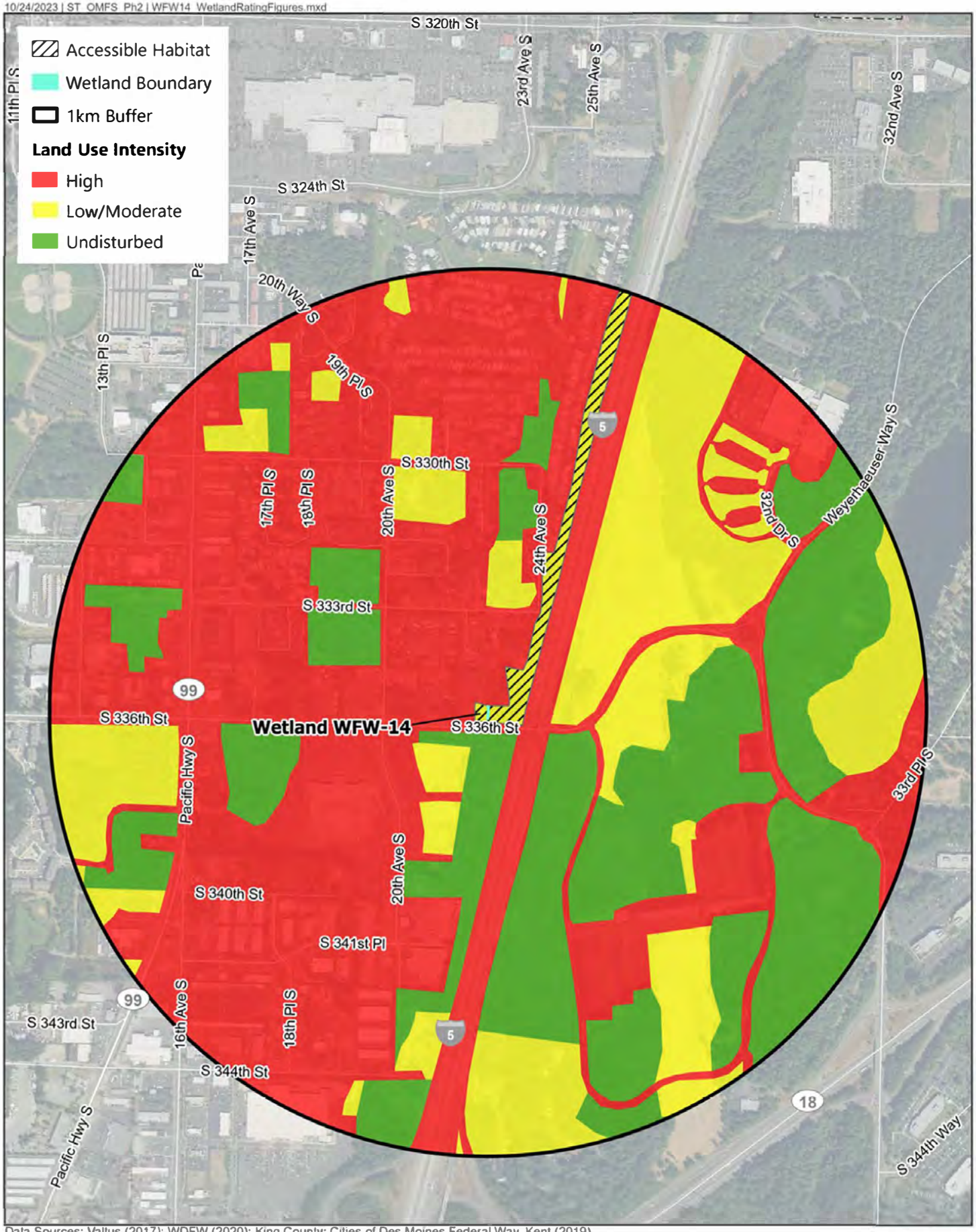

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-14
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW14_WetlandRatingFigures.mxd

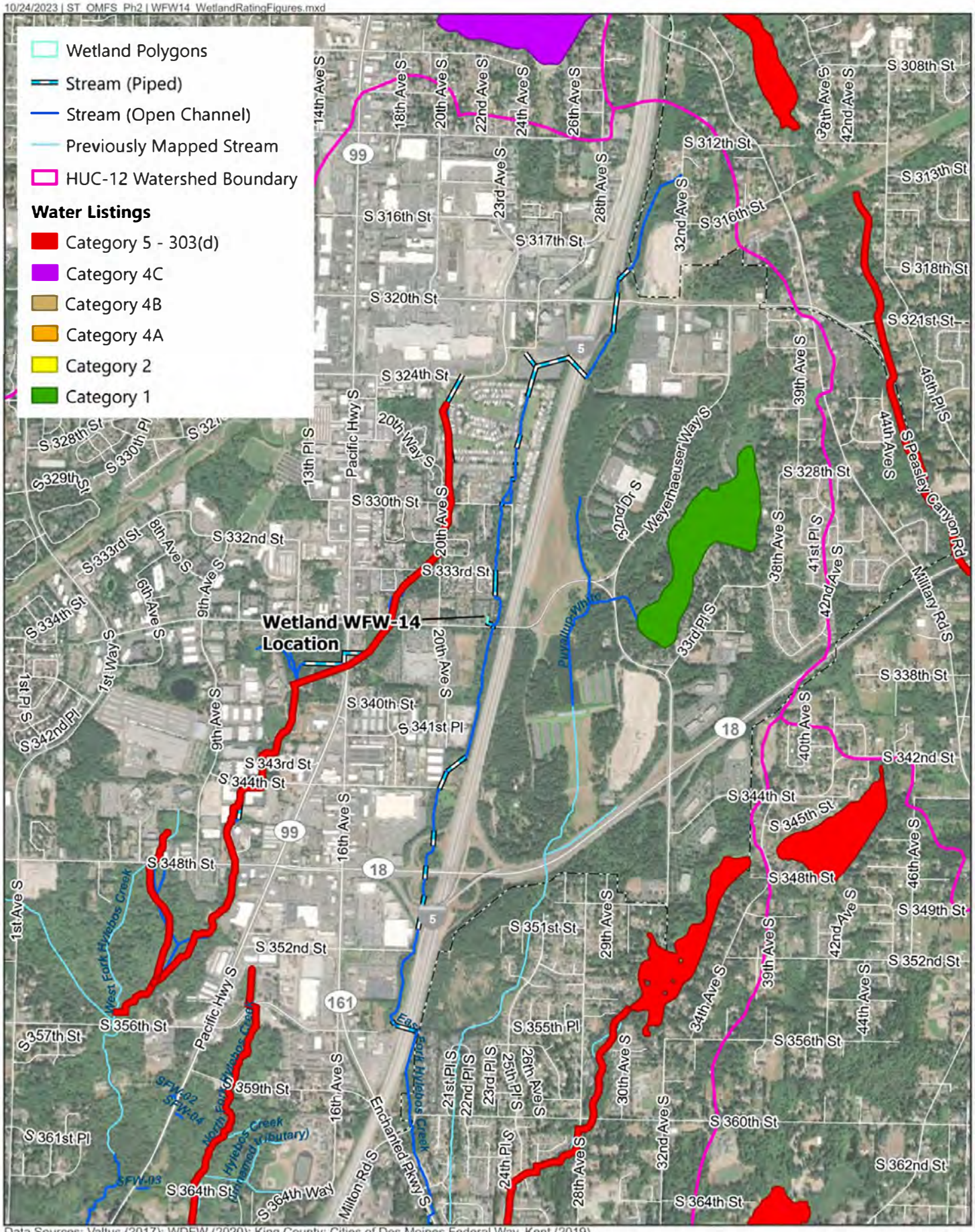

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-14
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

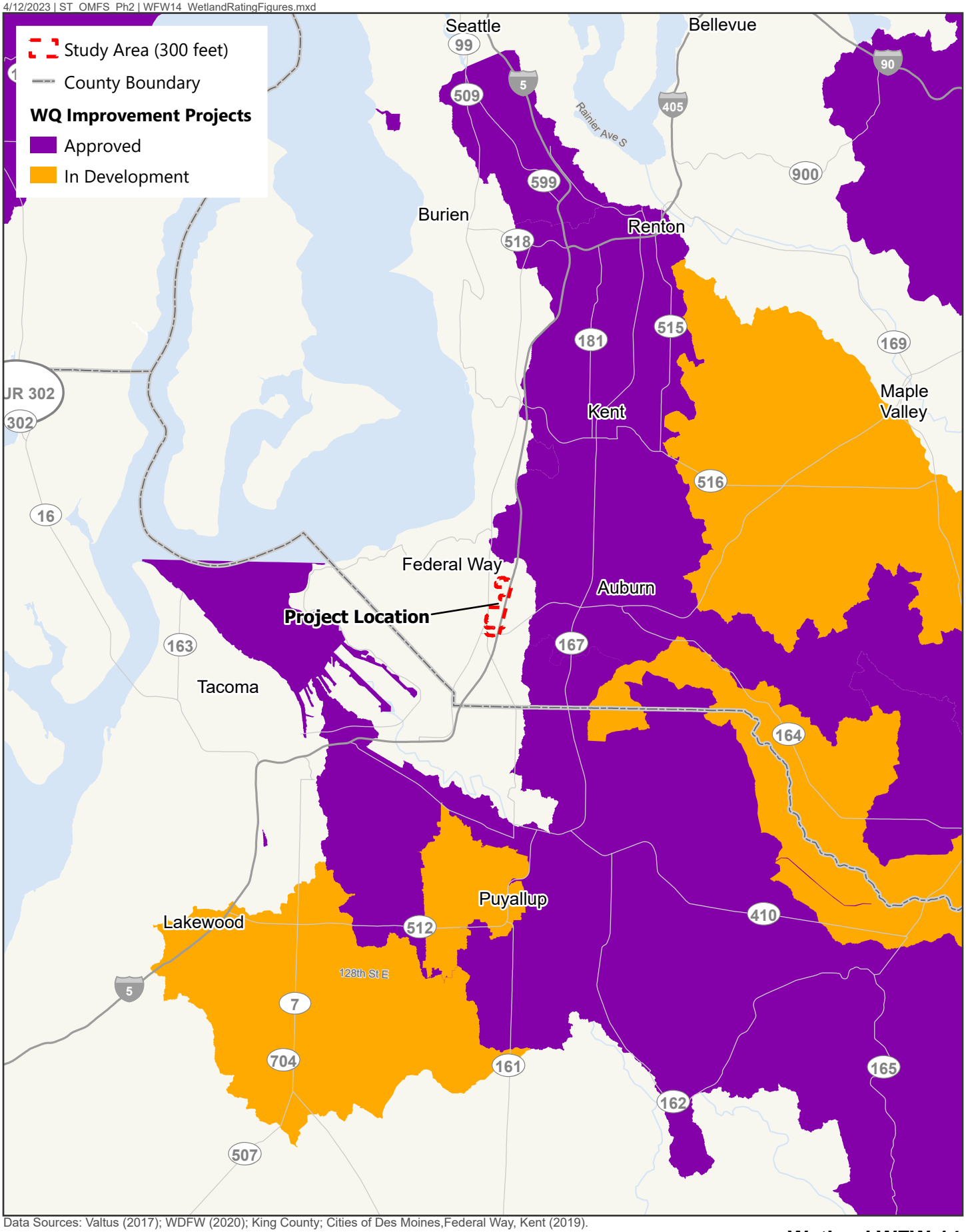

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-14

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-15 Date of site visit: 4/20/2023

Rated by Kaylee Moser and A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2018

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **II** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

	Category I - Total score = 23 - 27
X	**Category II** - Total score = 20 - 22
	Category III - Total score = 16 - 19
	Category IV - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	M	M	
Landscape Potential	H	M	L	
Value	L	H	H	**Total**
Score Based on Ratings	7	7	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☑ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		4
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources proximity to I-5	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	2
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 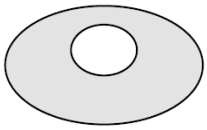 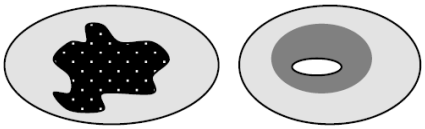 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 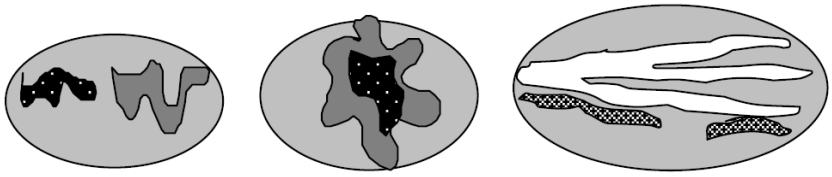	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**11**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (9 % moderate & low intensity land uses / 2) = 4.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 31 % undisturbed habitat + (17 % moderate & low intensity land uses / 2) = 39.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

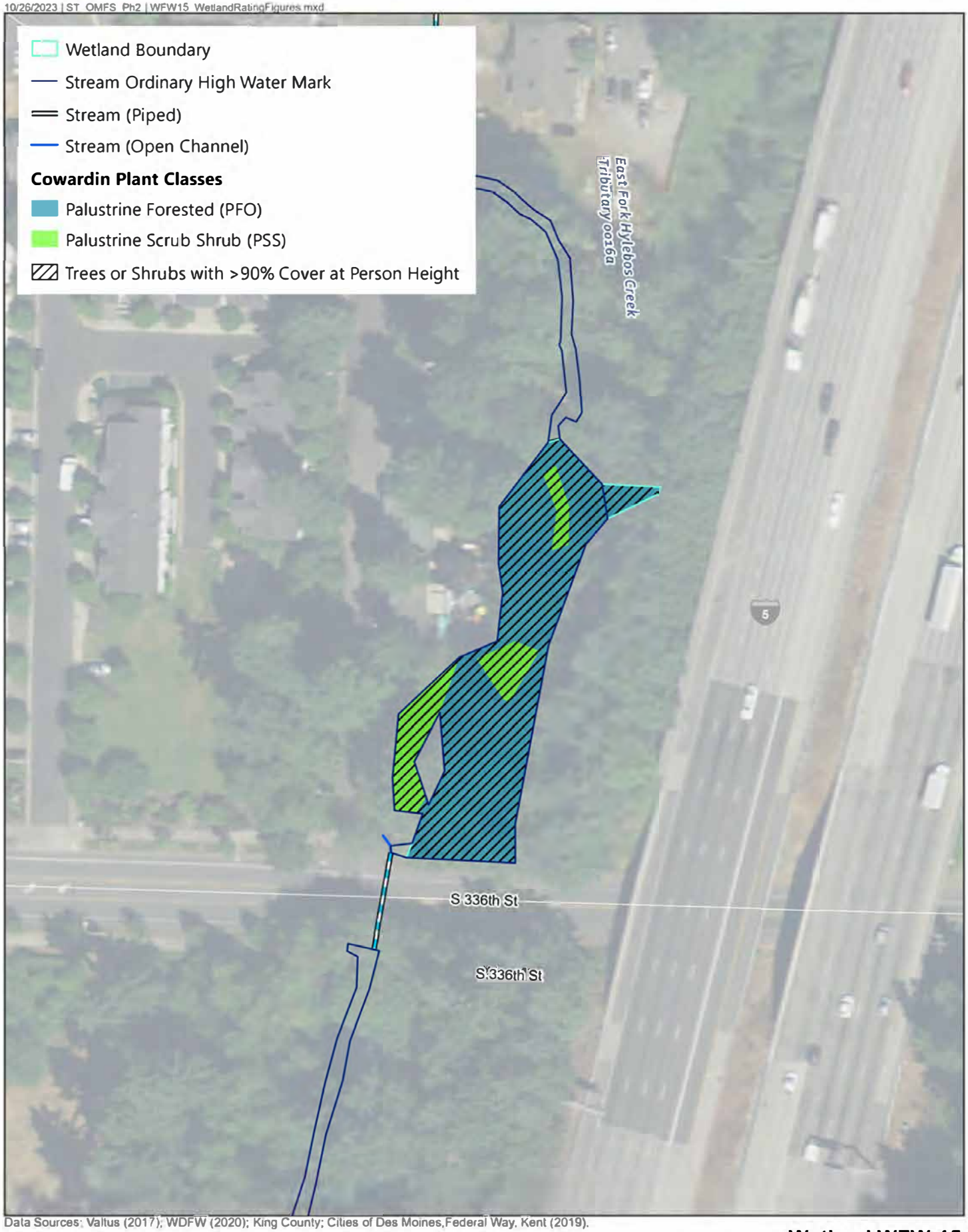

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-15
Cowardin Plant Classes and Cover

N

0 50 100 Feet

OMF South

10/26/2023 | ST_OMFS_Ph2 | WFW15_WetlandRatingFigures.mxd

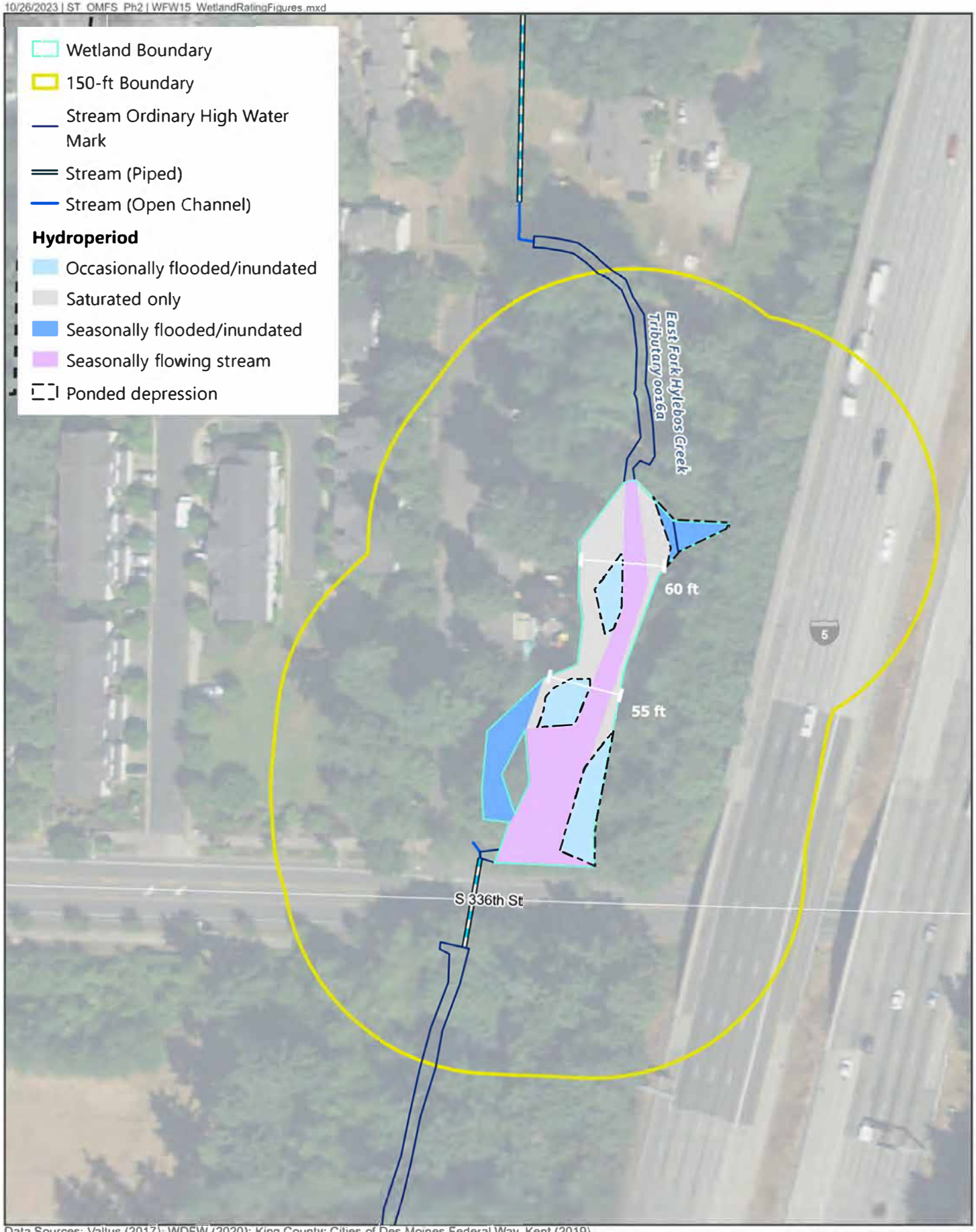

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-15
Hydroperiods

N

0 50 100 Feet

OMF South

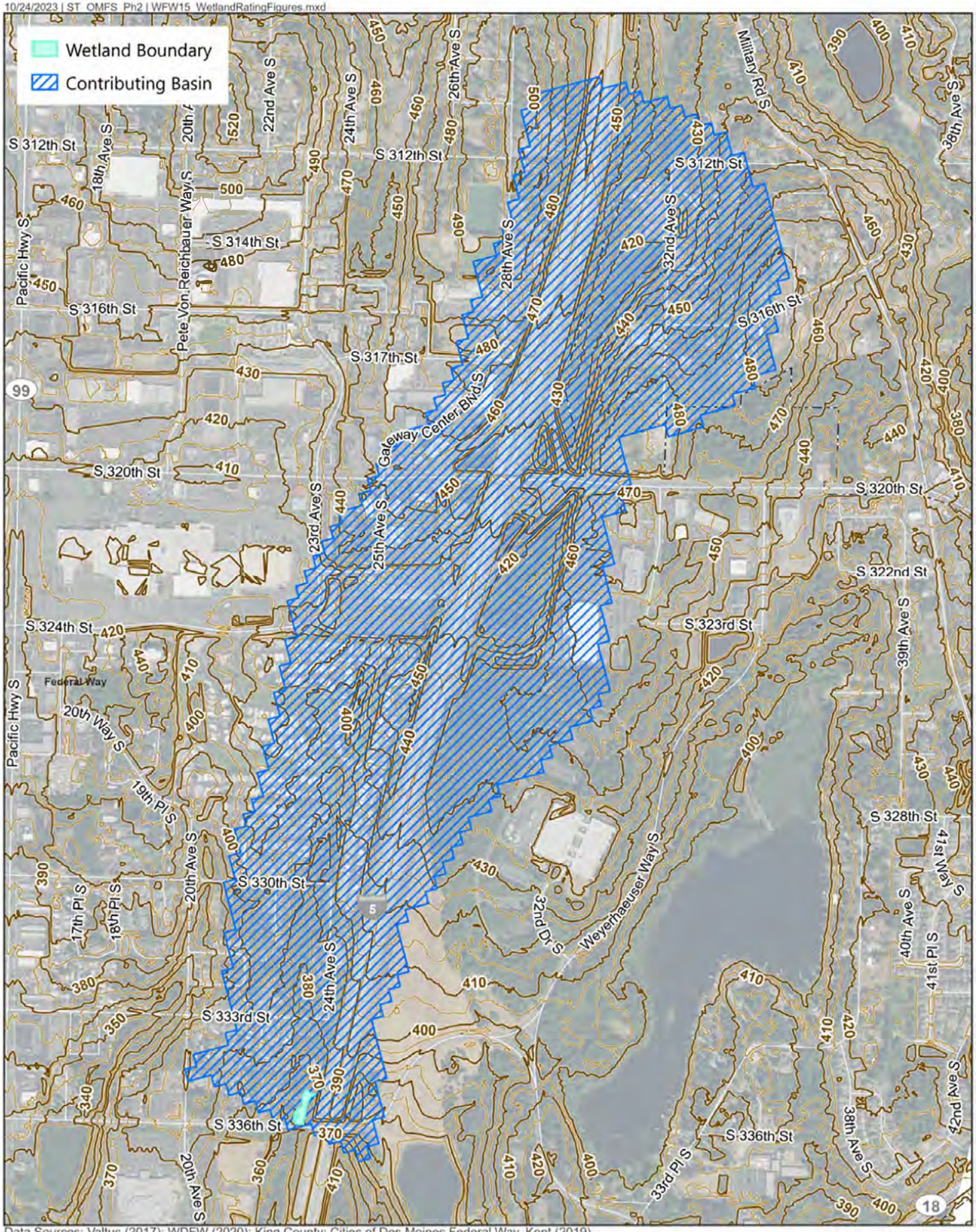

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-15
Contributing Basin

N

0 800 1,600 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW15_WetlandRatingFigures.mxd

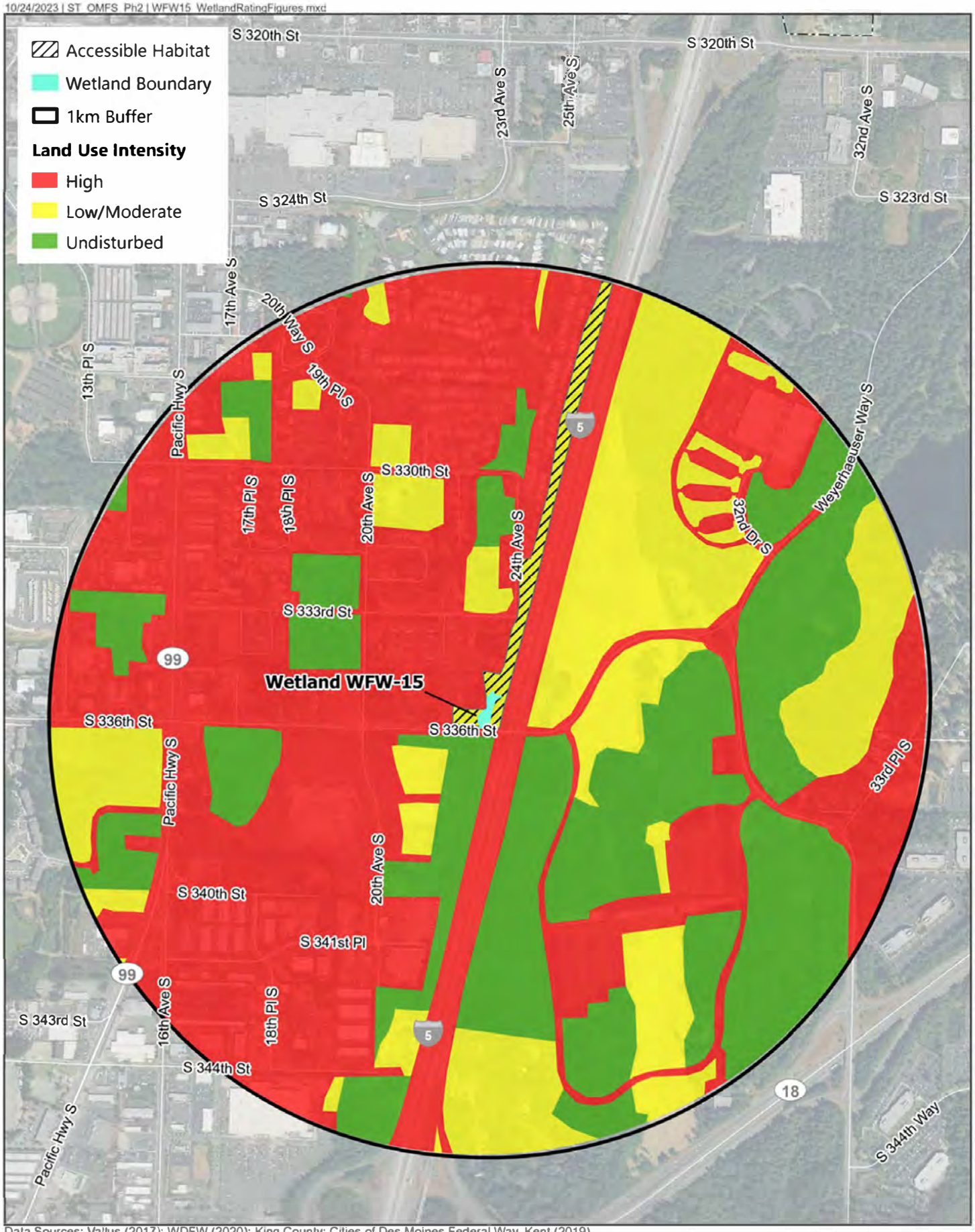

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-15
Land Use Intensity

N

0 750 1,500 Feet

OMF South

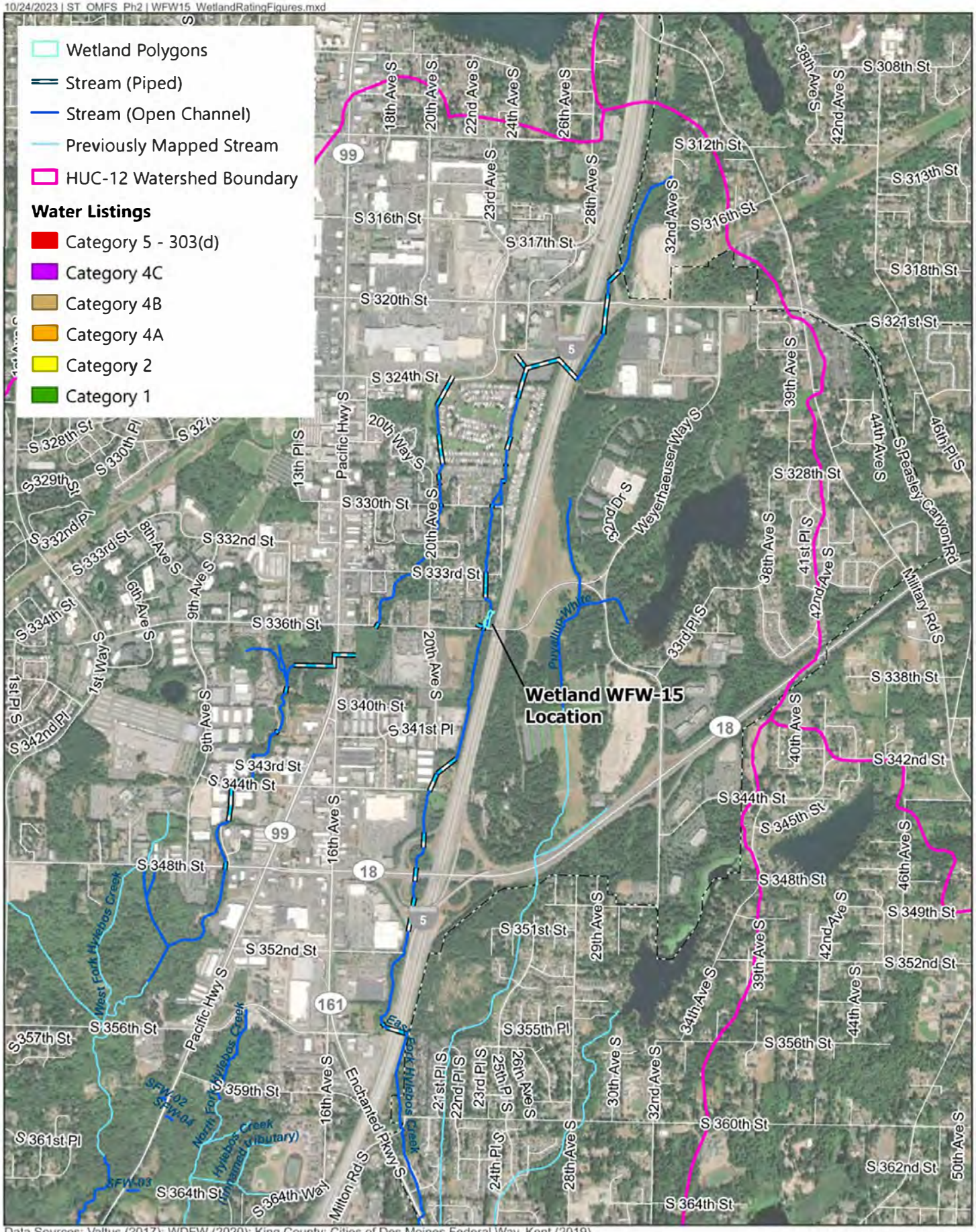

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-15
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

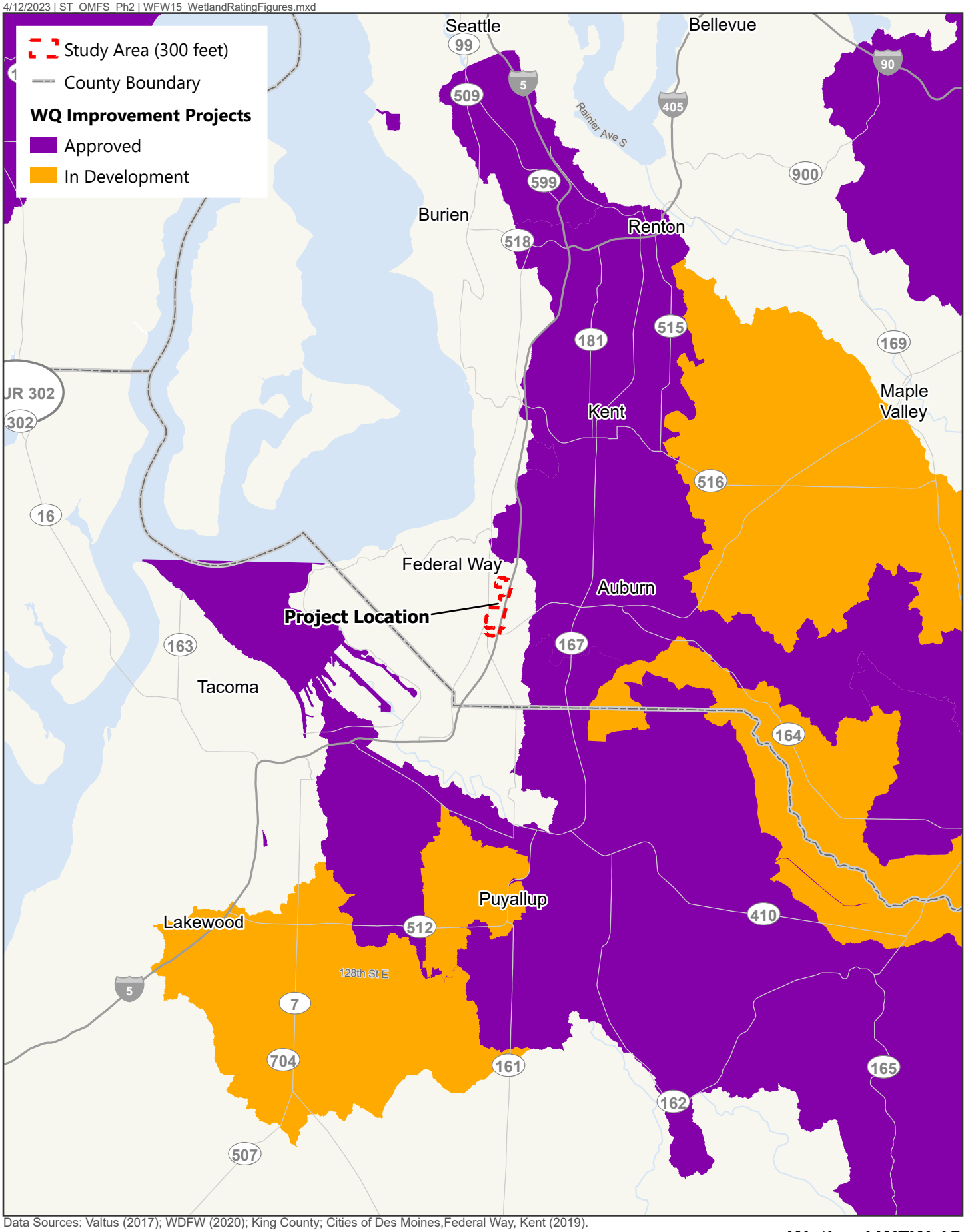

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-15

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-16 Date of site visit: 3/2/2020

Rated by A. Hoenig, K. Moser Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2015

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **III** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	7	8	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Entire wetland sits in a depression. The wetland is rated as depressional.

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source proximity to I-5 onramp	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	2
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	3
Total for D 4 Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): ● Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ ● Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 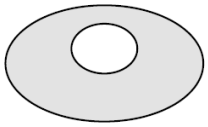 **Low** = 1 point 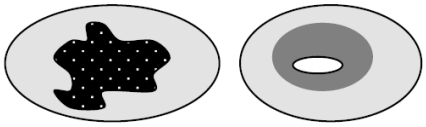 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 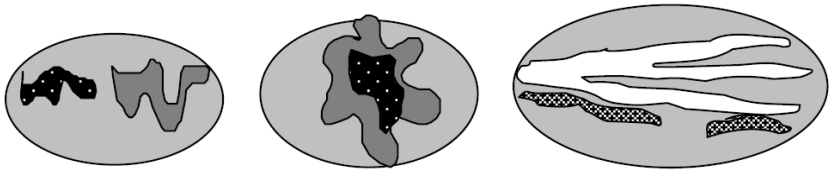	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 16.8 % undisturbed habitat + (16.5 % moderate & low intensity land uses / 2) = 25.05% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/27/2023 | ST_OMFS_Ph2 | WFW16_WetlandRatingFigures.mxd

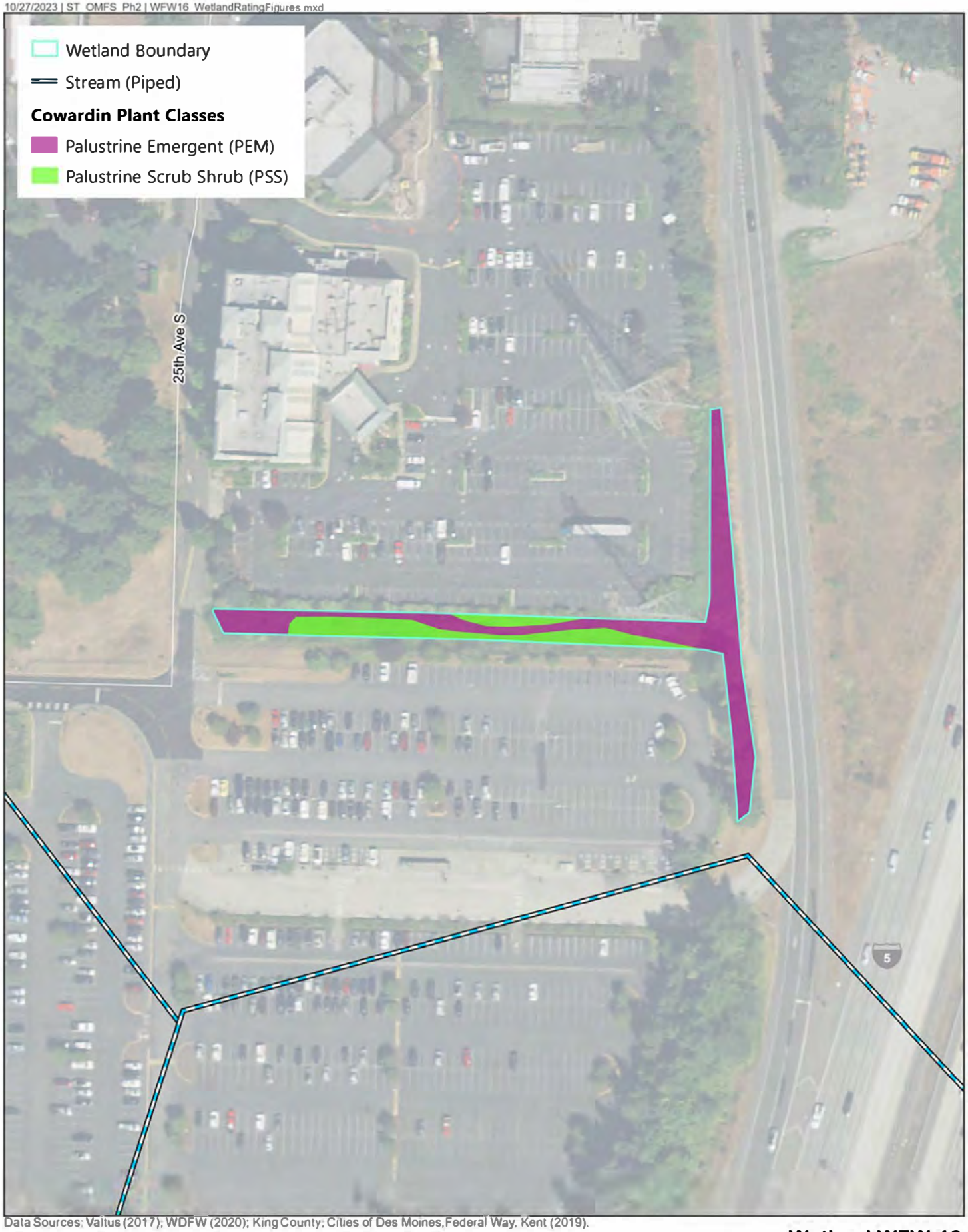

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-16

Cowardin Plant Classes and Cover

N

0 100 200 Feet

OMF South

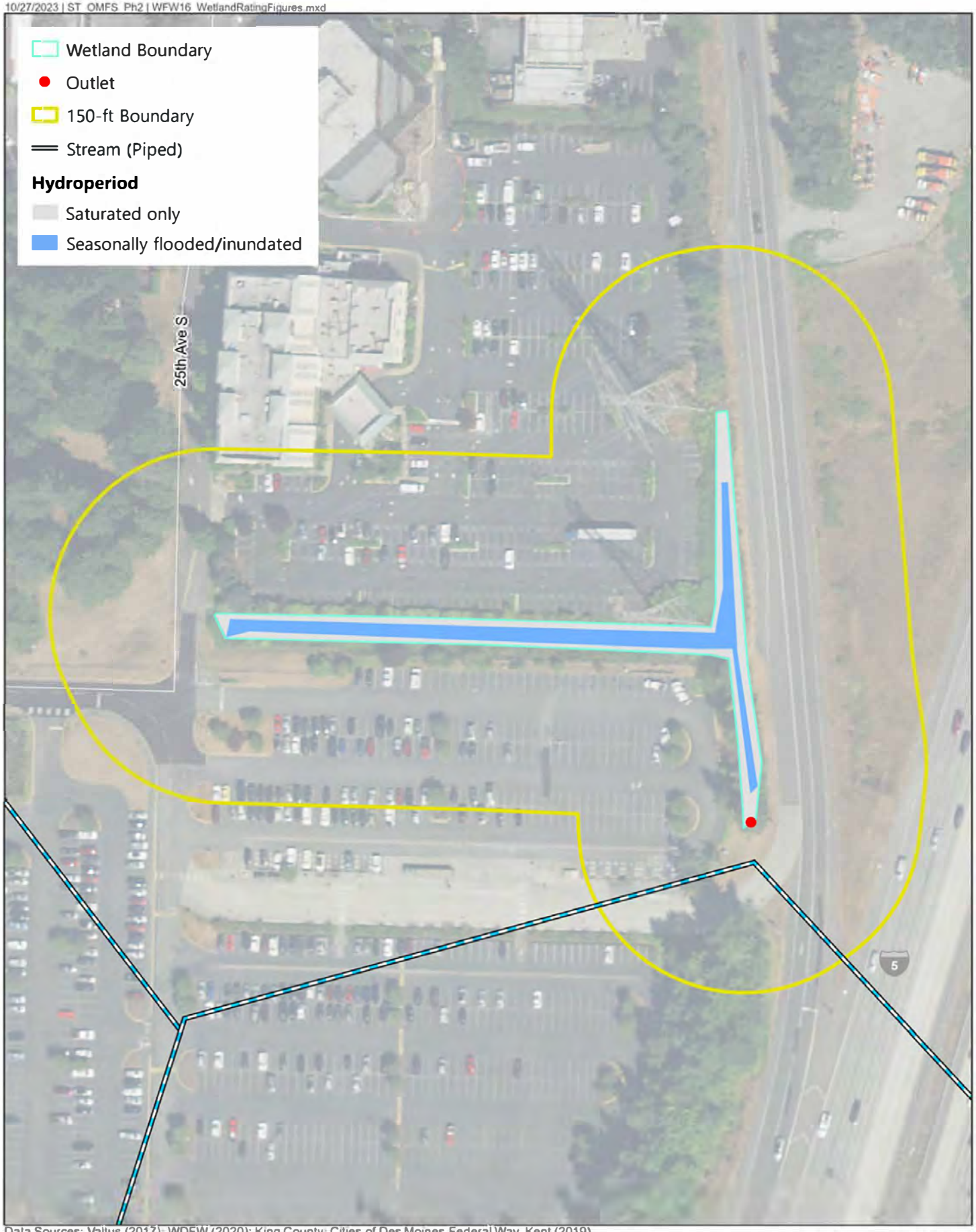

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-16
Hydroperiods

N

0 100 200 Feet

OMF South

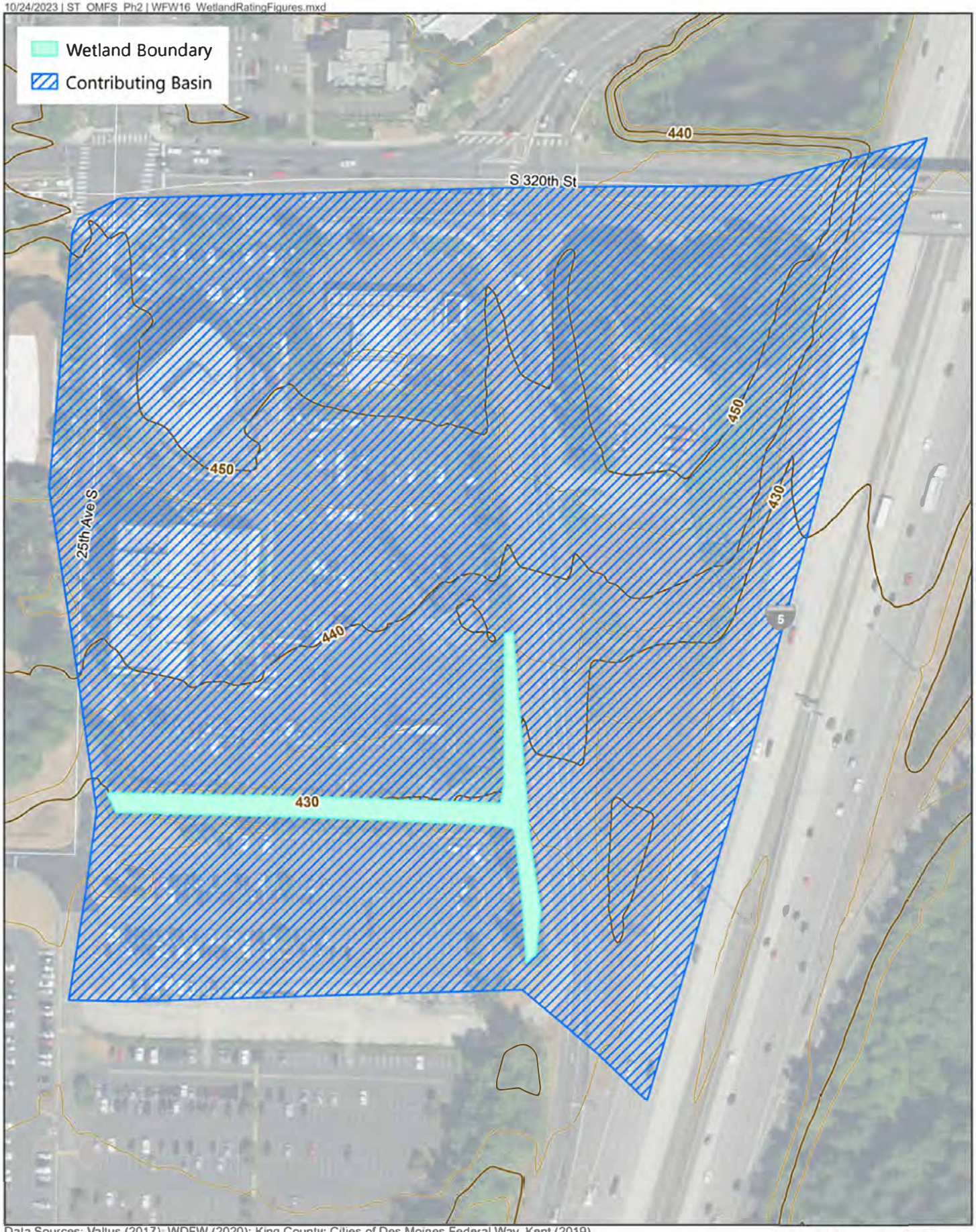

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-16
Contributing Basin

N

0 125 250 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW16_WetlandRatingFigures.mxd

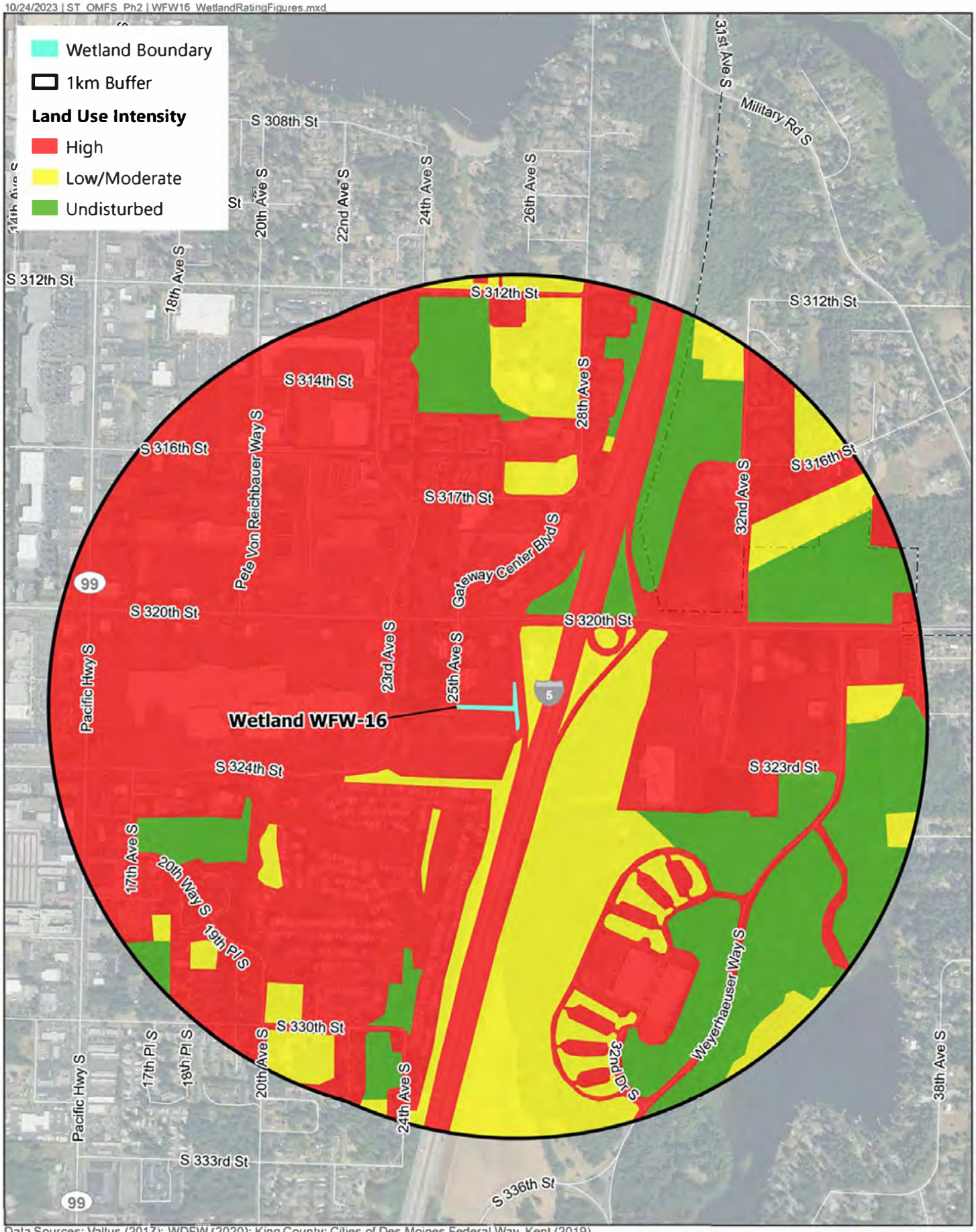

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-16
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW16_WetlandRatingFigures.mxd

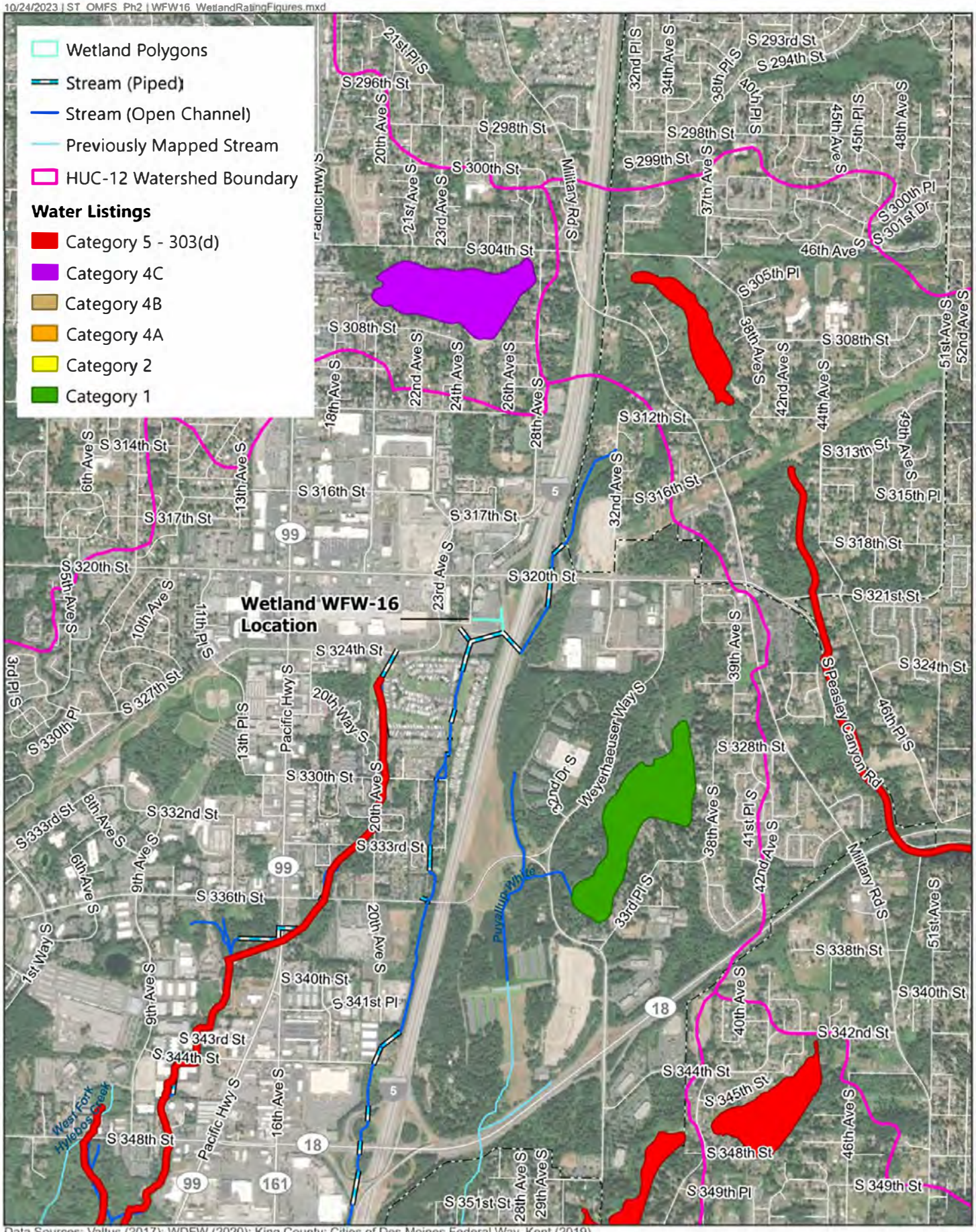

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-16
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

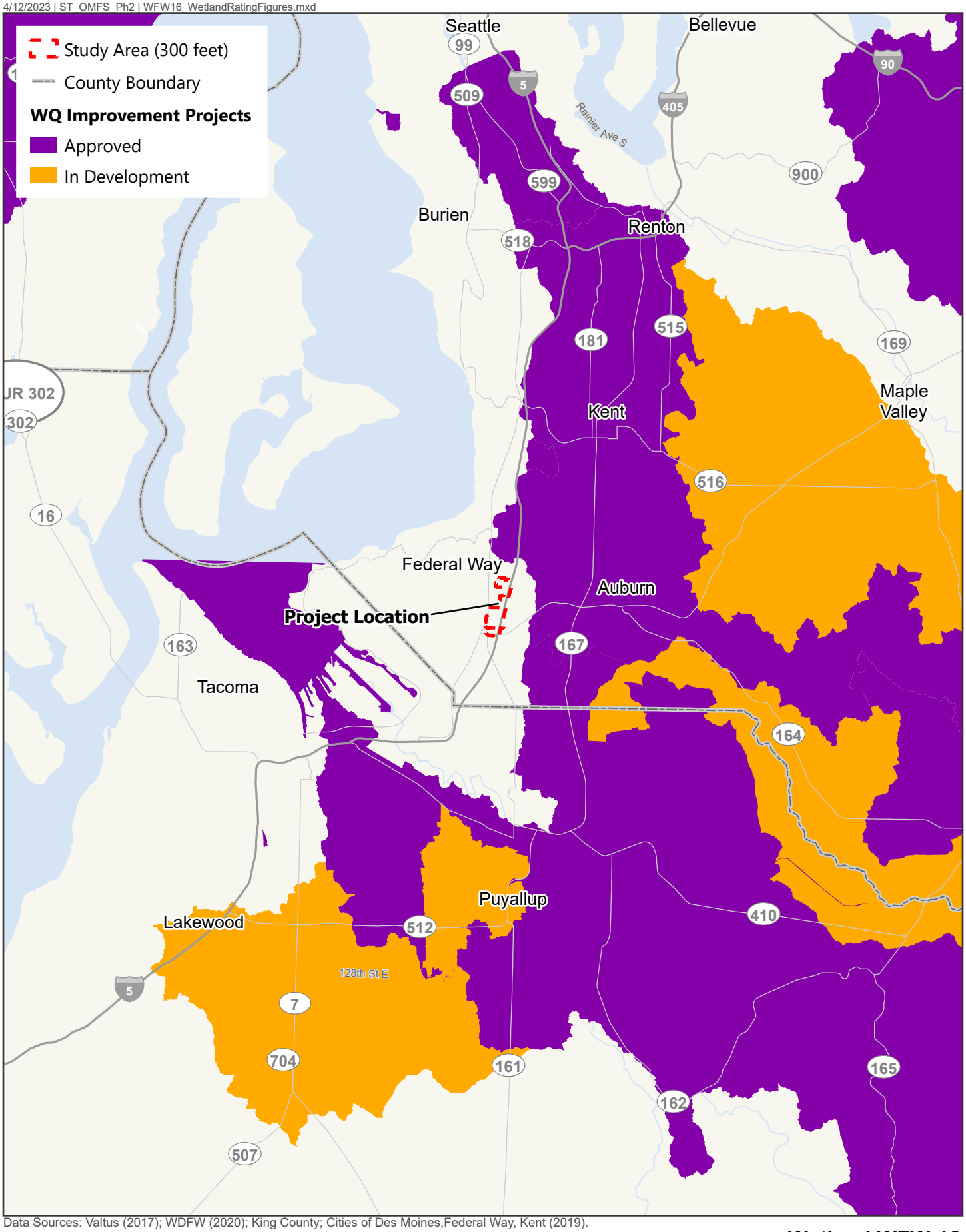

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-16

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-17 Date of site visit: 12/19/2019

Rated by T. Story, revised by A Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct-20

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	L	H	H	**Total**
Score Based on Ratings	6	7	5	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☑ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	0
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		0
Other Sources	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?			
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0	No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1	No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0	No = 1	0
Total for R 5	Add the points in the boxes above		**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 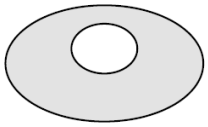 **Low** = 1 point 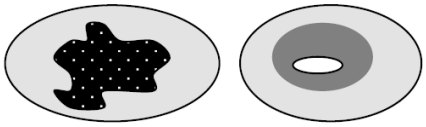 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 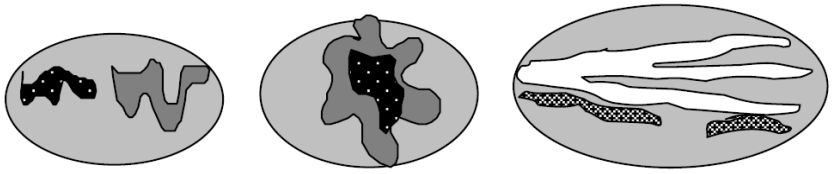	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☑ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.9 % undisturbed habitat + (1.4 % moderate & low intensity land uses / 2) = 3.6% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 21.5 % undisturbed habitat + (18.5 % moderate & low intensity land uses / 2) = 30.75% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-17

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☑ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-17

Cowardin Plant Classes and Cover

N

0 40 80 Feet

OMF South

10/27/2023 | ST_OMFS_Ph2 | WFW17_WetlandRatingFigures.mxd

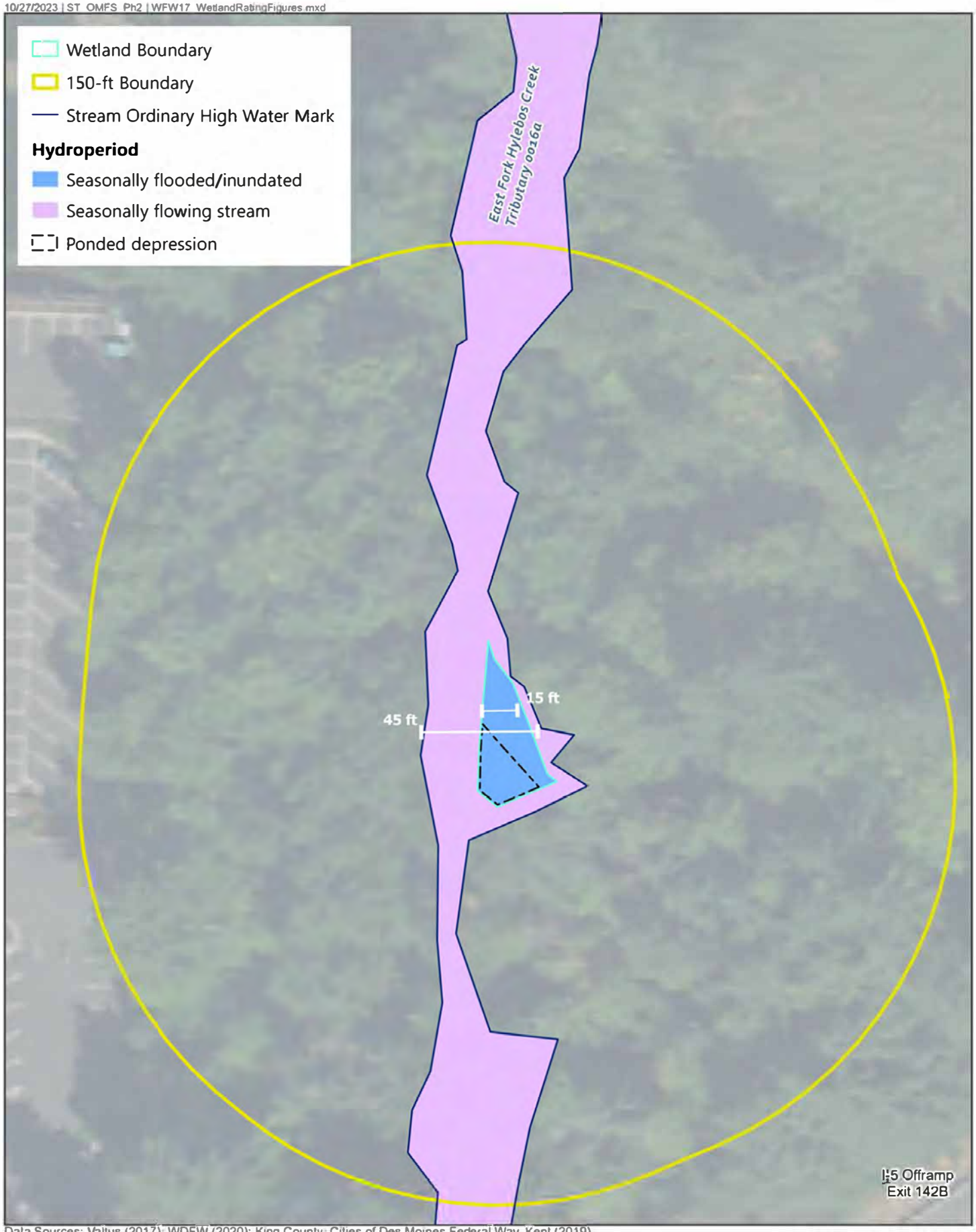

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-17
Hydroperiods

N

0 40 80 Feet

OMF South

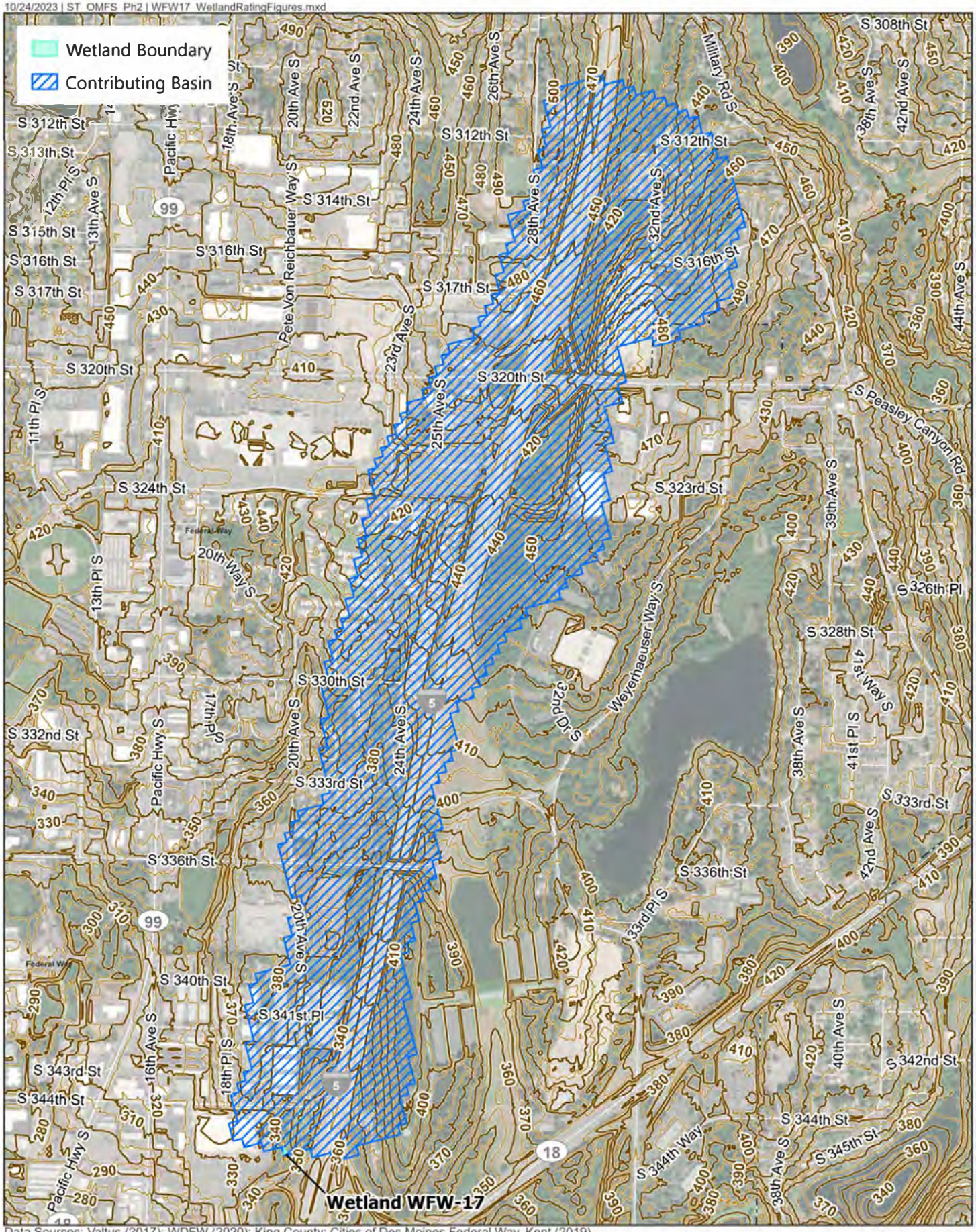

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-17
Contributing Basin

N

0 1,000 2,000 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW17_WetlandRatingFigures.mxd

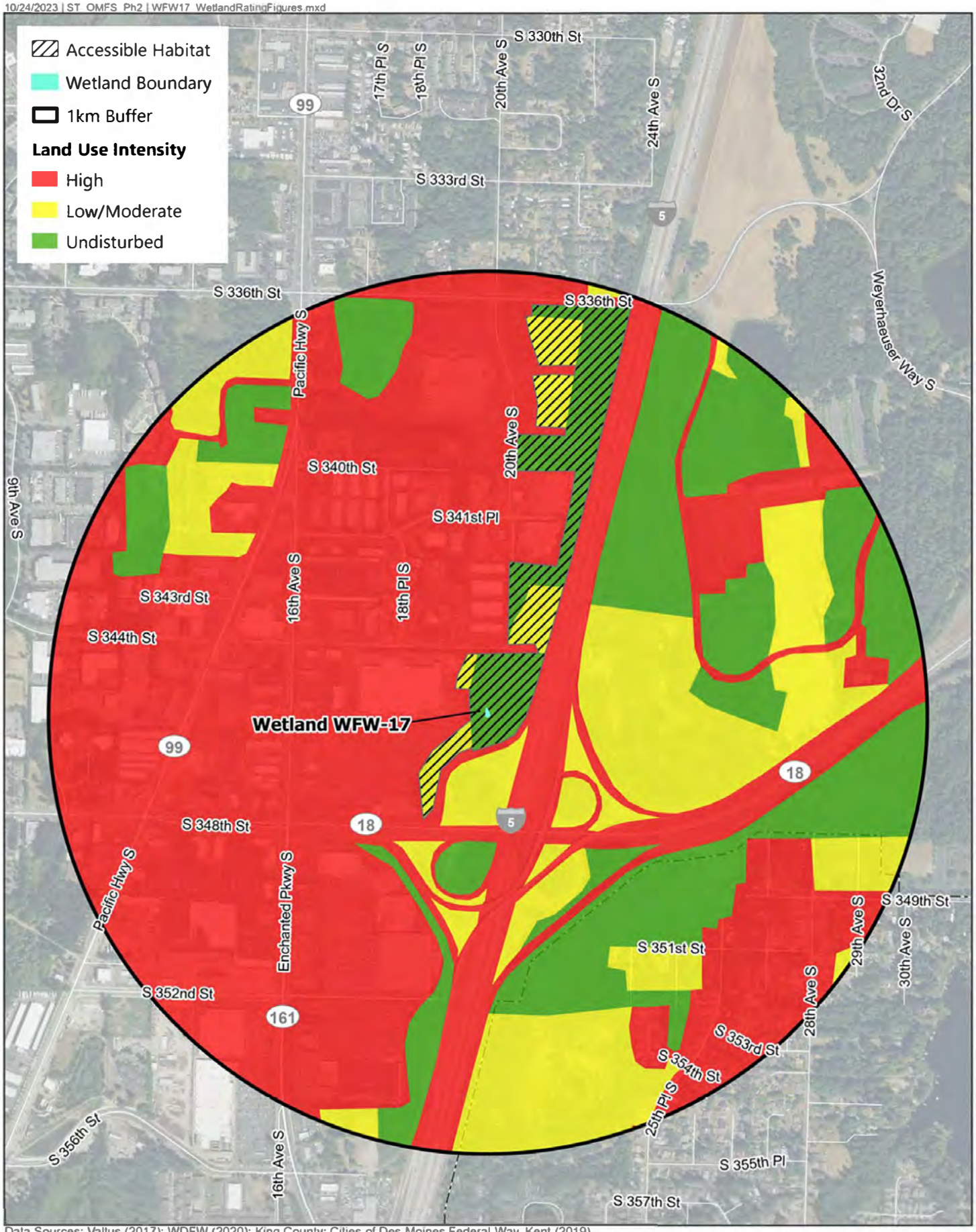

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-17
Land Use Intensity

N

0 750 1,500 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW17_WetlandRatingFigures.mxd

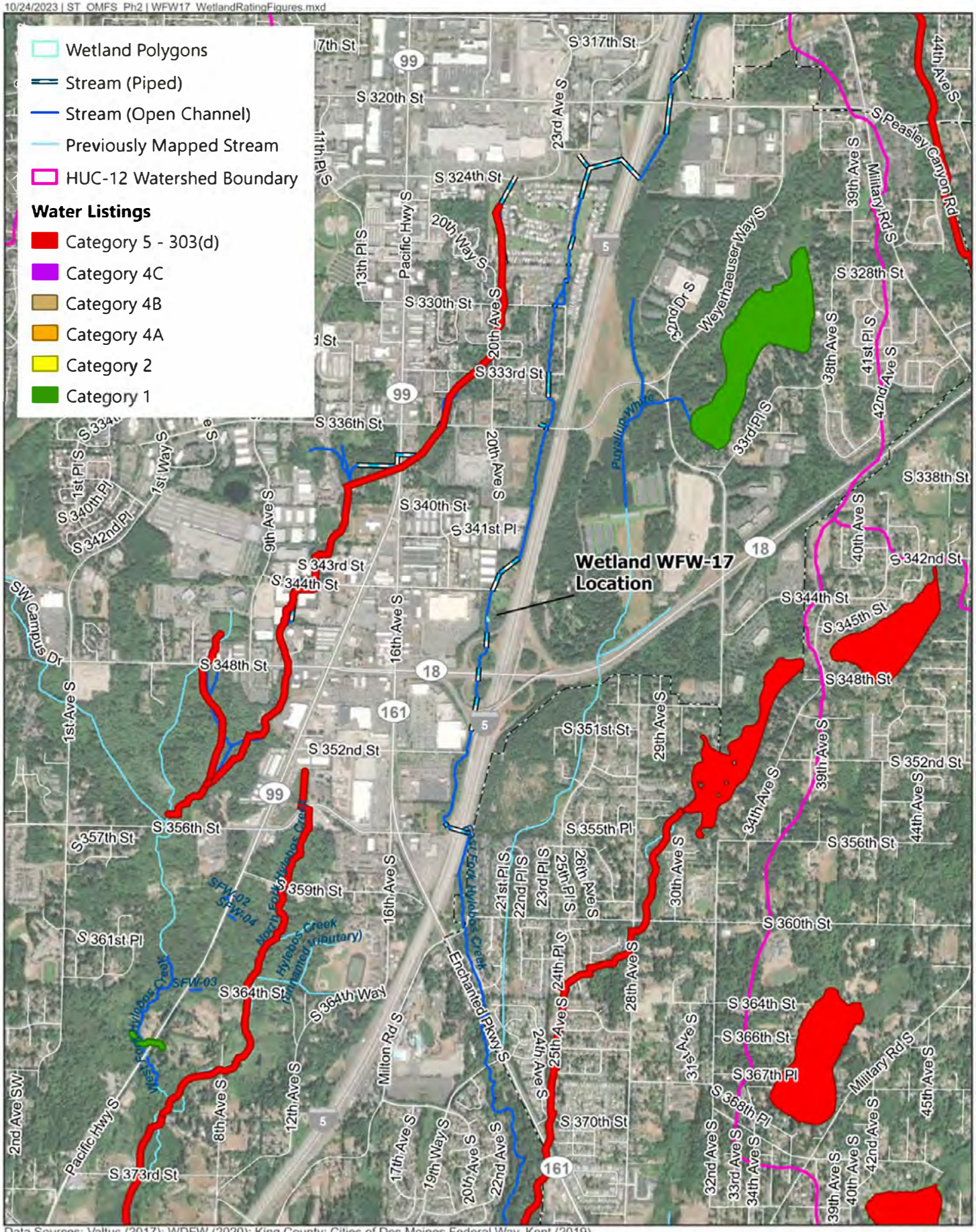

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-17
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

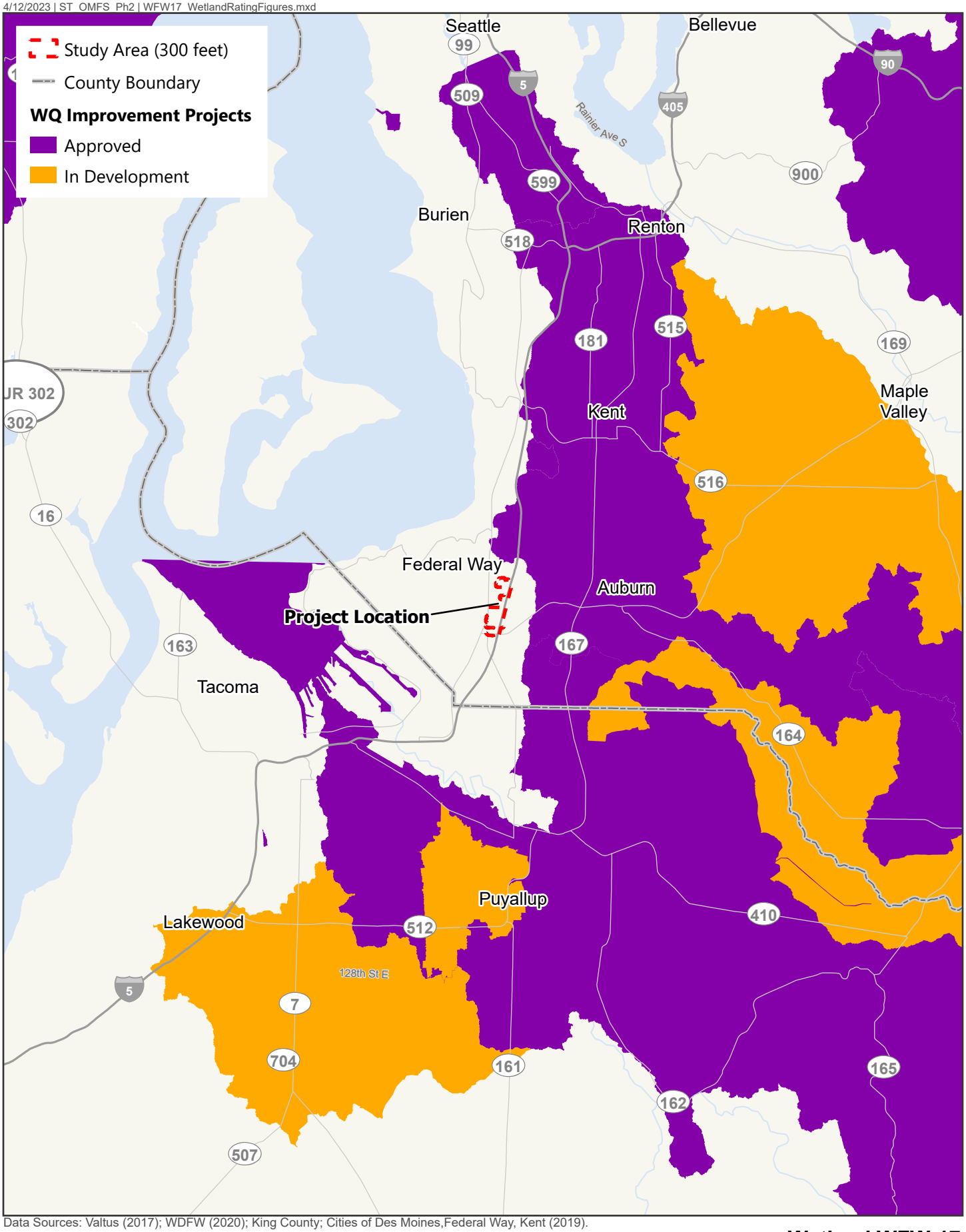

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-17

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-18 Date of site visit: 12/19/2019

Rated by T. Story, revised by A Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct-20

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	L	H	H	**Total**
Score Based on Ratings	6	8	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**x**

Wetland name or number WFW-18

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-18

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources	Yes = 1 No = 0	0
Total for R 2	Add the points in the boxes above	**4**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?			
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0	No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1	No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0	No = 1	1
Total for R 5	Add the points in the boxes above		**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 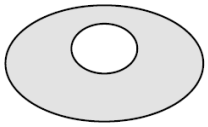 **Low** = 1 point 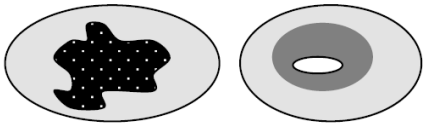 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 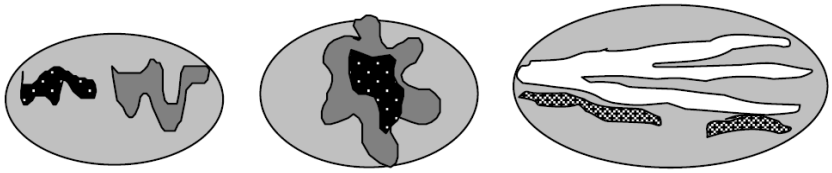	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2.9 % undisturbed habitat + (1.4 % moderate & low intensity land uses / 2) = 3.6% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 22.6 % undisturbed habitat + (17.9 % moderate & low intensity land uses / 2) = 31.55% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-18

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/26/2023 | ST_OMFS_Ph2 | WFW18_WetlandRatingFigures.mxd

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines, Federal Way, Kent (2019).

Wetland WFW-18

Cowardin Plant Classes and Cover

N

0 30 60 Feet

OMF South

10/26/2023 | ST_OMFS_Ph2 | WFW18_WetlandRatingFigures.mxd

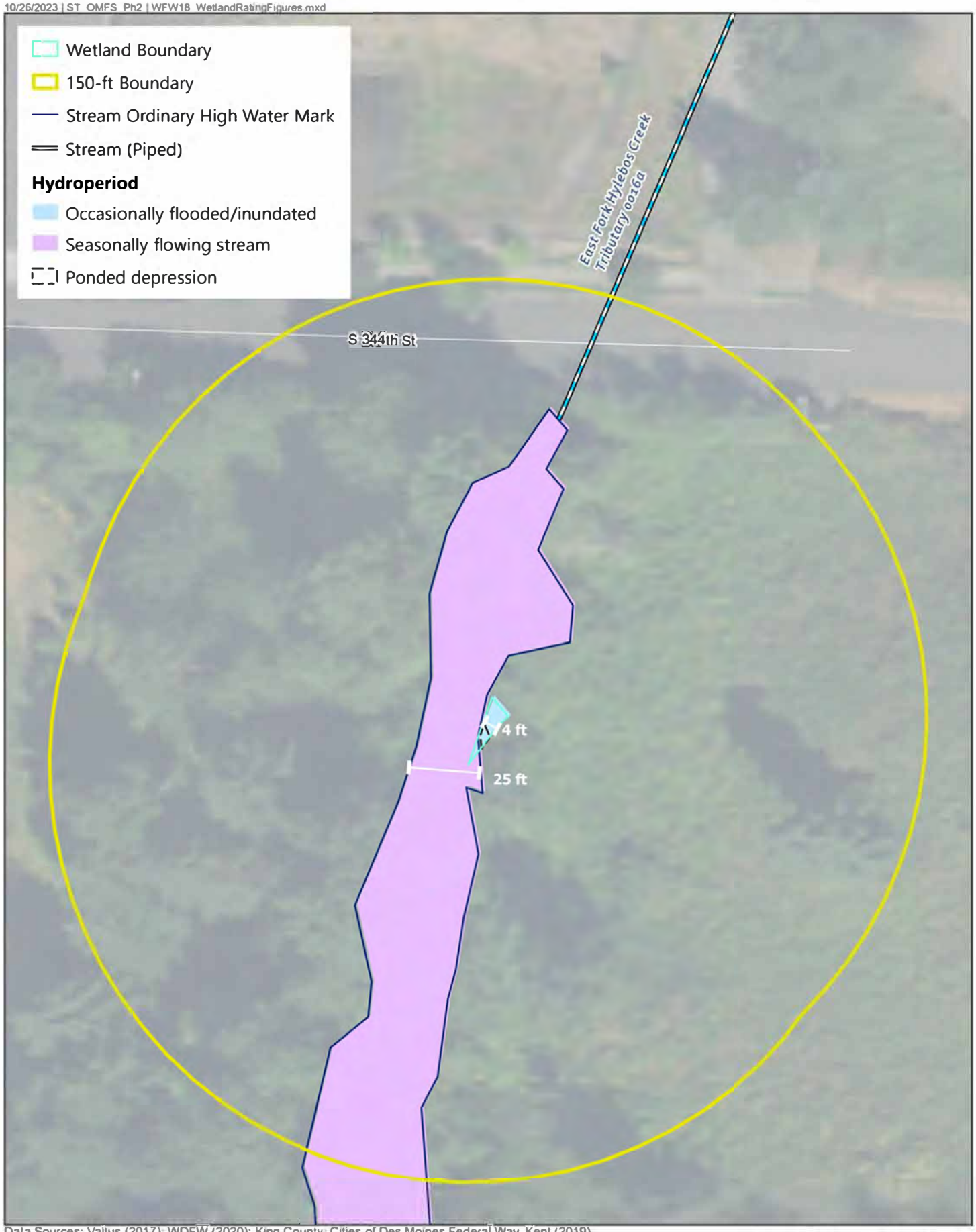

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-18
Hydroperiods

N

0 30 60 Feet

OMF South

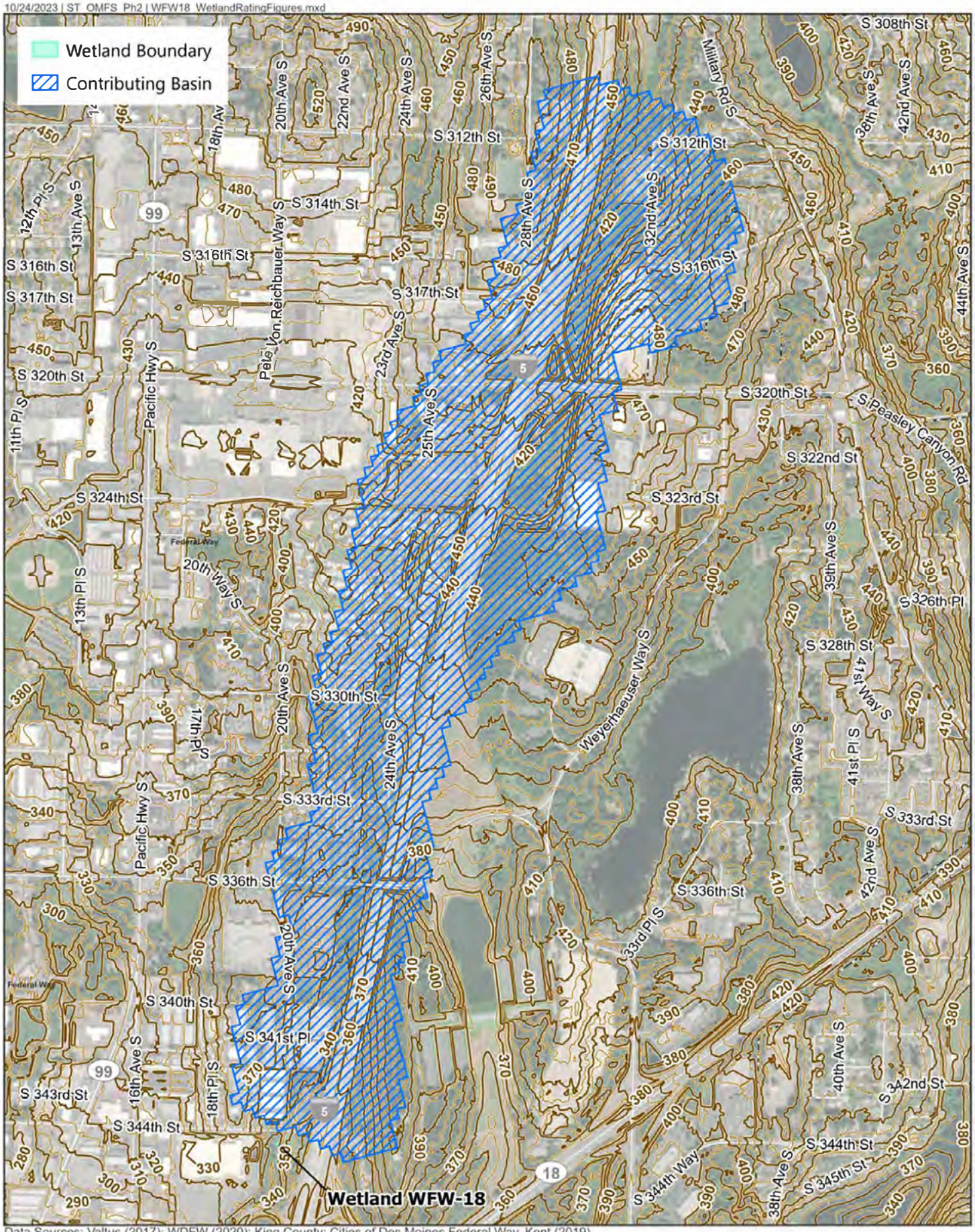

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-18
Contributing Basin

N

0 1,000 2,000 Feet

OMF South

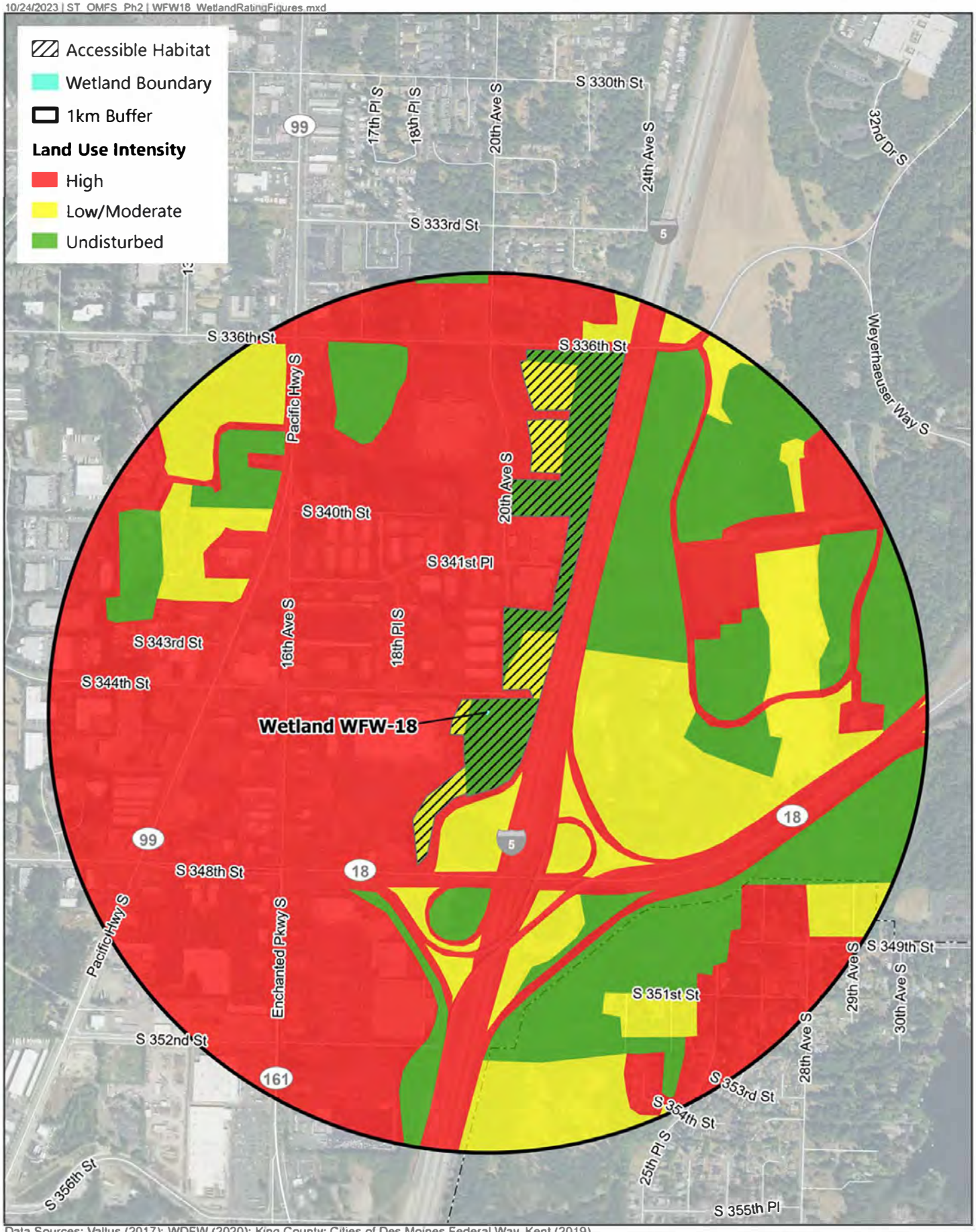

Data Sources: Vaitus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-18
Land Use Intensity

N

0 750 1,500 Feet

OMF South

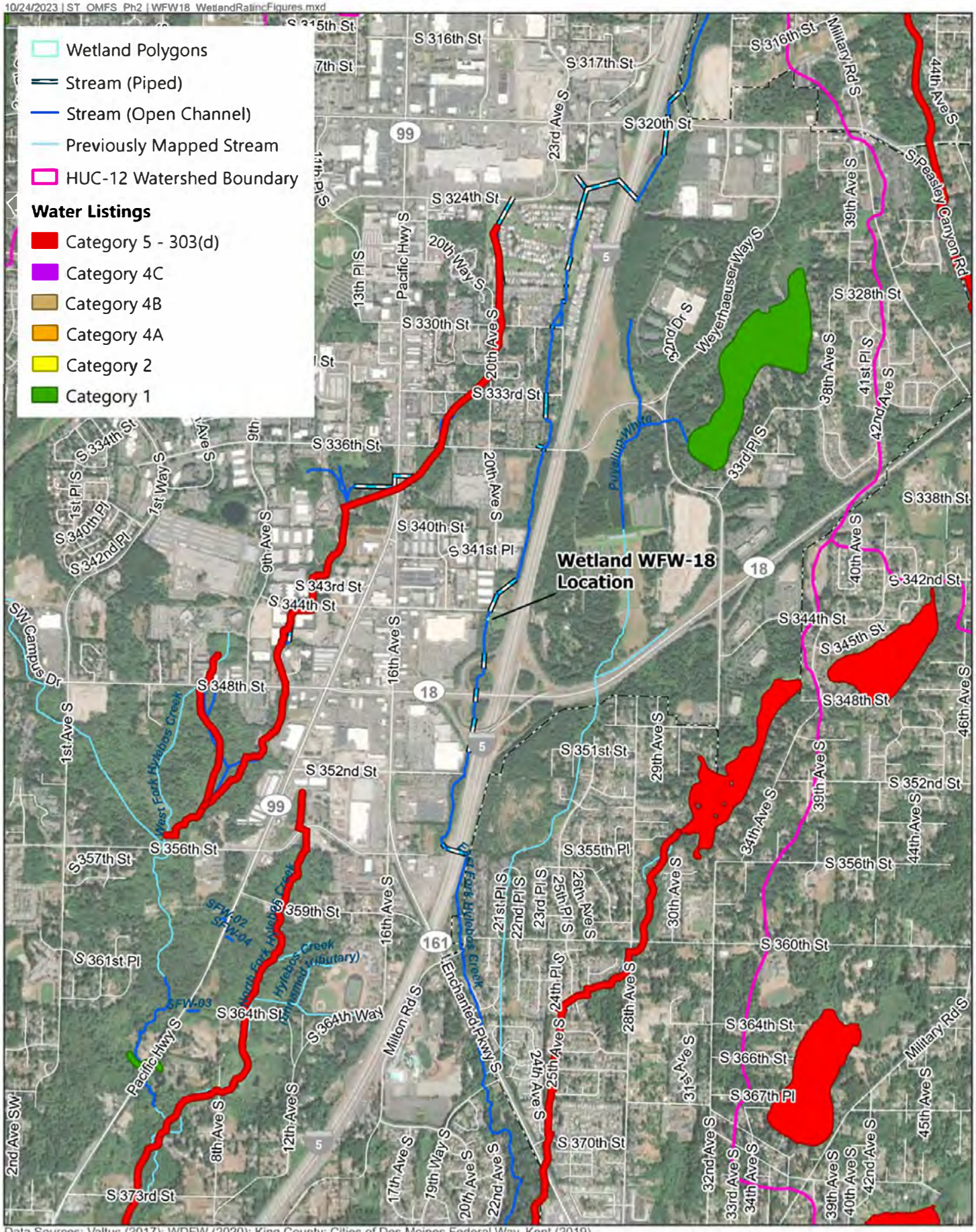

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-18
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

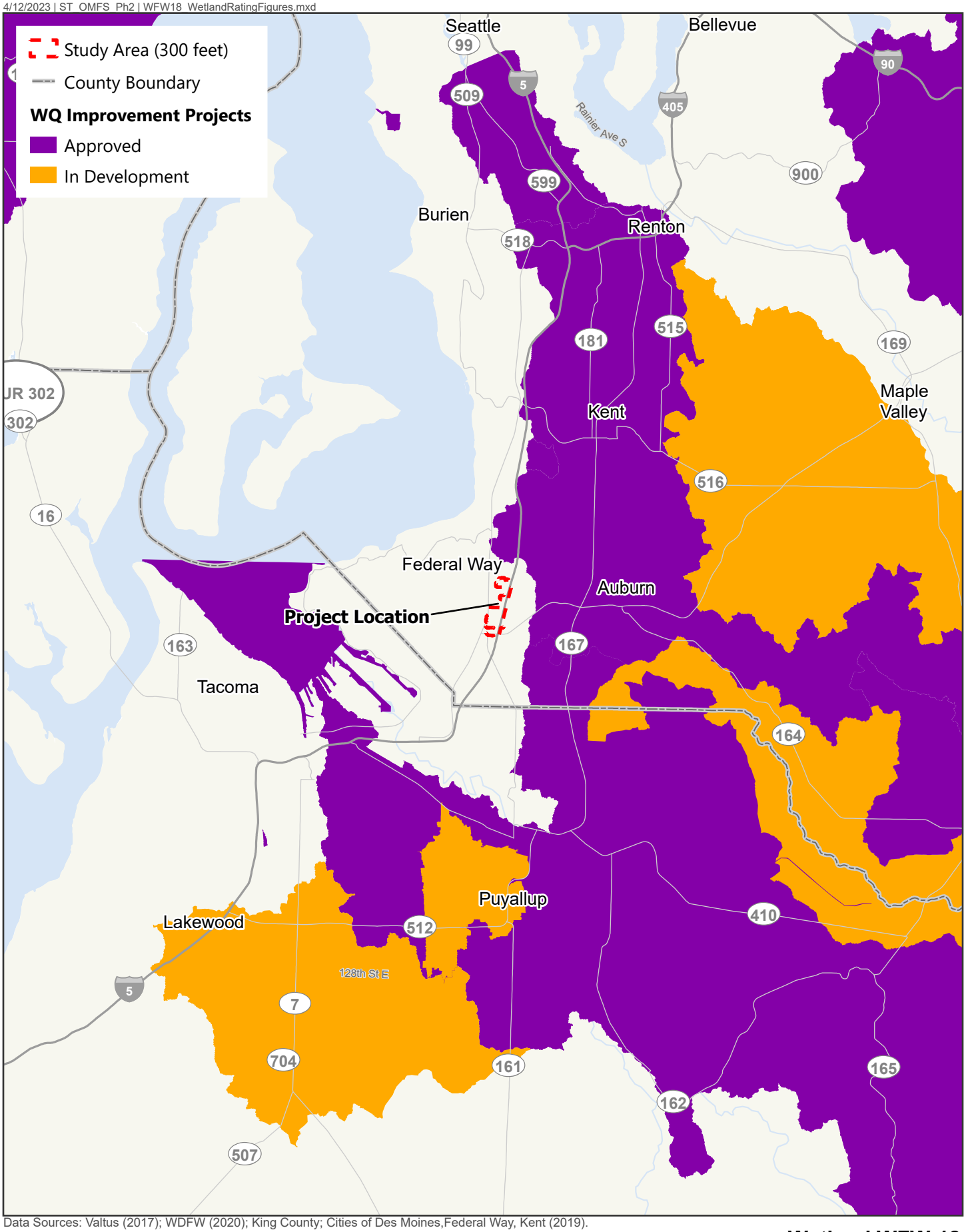

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-18

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-19 Date of site visit: 2/20/2020

Rated by J. Wozniak Trained by Ecology? ☑ Yes ☐ No Date of training Jul-05

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	7	8	3	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5 appx. 70 feet upslope	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 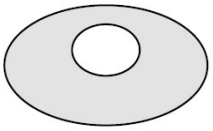 **Low** = 1 point 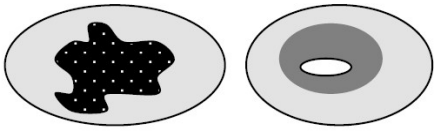 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 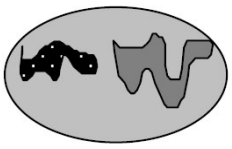 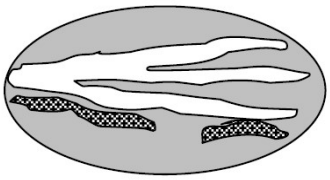	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 8 % undisturbed habitat + (6 % moderate & low intensity land uses / 2) = 11% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 12.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-20 Date of site visit: 2/21/2020

Rated by J Wozniak Trained by Ecology? ☑ Yes ☐ No Date of training 2015

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	M	**Total**
Score Based on Ratings	6	8	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	2
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 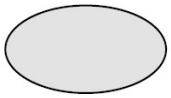 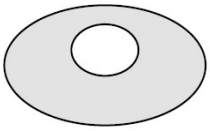 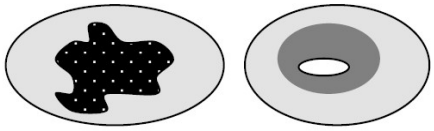 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 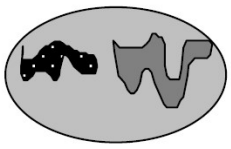 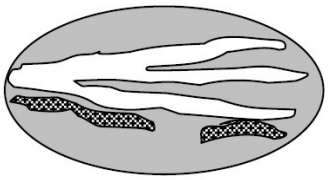	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**10**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 3.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (35 % moderate & low intensity land uses / 2) = 27.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Wetland name or number WFW-21

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-21 Date of site visit: 2/21/2020

Rated by Josh Wozniak & Matt Murphy Trained by Ecology? ☑ Yes ☐ No Date of training 2014, 2019

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

	Category I - Total score = 23 - 27
X	**Category II** - Total score = 20 - 22
	Category III - Total score = 16 - 19
	Category IV - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	L	H	H	**Total**
Score Based on Ratings	6	8	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WFW-21

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

Wetland name or number WFW-21

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-21

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources I-5	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-21

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?			
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0	No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1	No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0	No = 1	1
Total for R 5	Add the points in the boxes above		**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-21

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 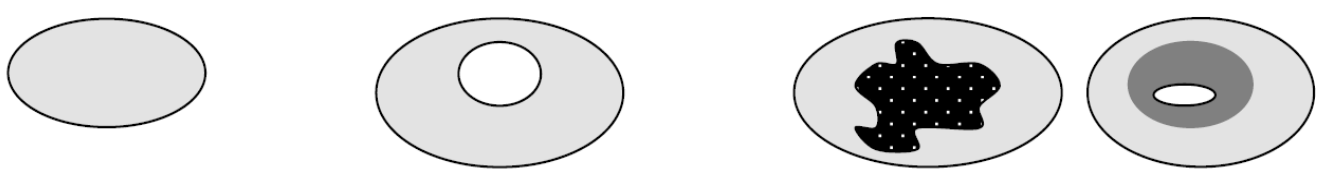 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 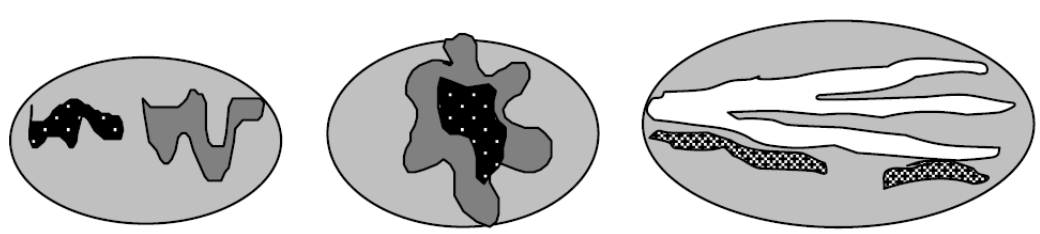	2

Wetland name or number WFW-21

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by* ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 Add the points in the boxes above	**8**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0.4 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0.4% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 16.8 % undisturbed habitat + (15.2 % moderate & low intensity land uses / 2) = 24.4% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-21

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☑ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-21

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☑ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☑ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☑ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☑ No = **Is not a bog**	

Wetland name or number WFW-21

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☑ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☑ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-22 Date of site visit: 2/25/2020

Rated by Adam Merrill & Matt Murphy Trained by Ecology? ☑ Yes ☐ No Date of training Oct-19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map King County iMap

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	7	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-22

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

Wetland name or number WFW-22

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☑ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash and exhaust particulates from vehicles.	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-22

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFW-22

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

0

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

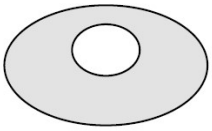

Low = 1 point

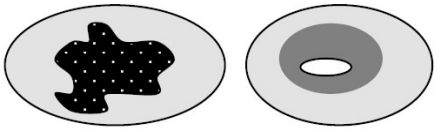

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

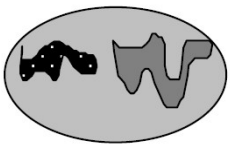

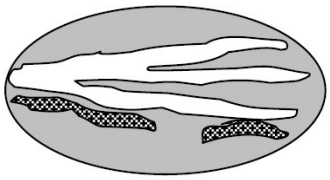

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 2% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 15 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 30% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-22

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-23 Date of site visit: 2/12/2020

Rated by Per Johnson & Matt Murphy Trained by Ecology? ☑ Yes ☐ No Date of training Oct-19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map King County iMap

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	6	7	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash and vehicle exhaust particulates.	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☐ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 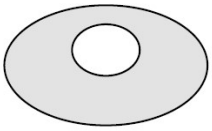 **Low** = 1 point 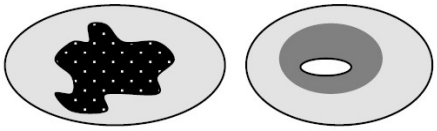 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 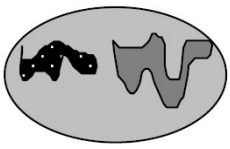 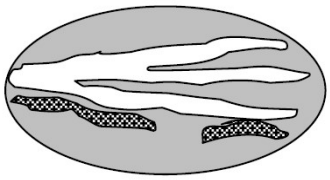	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**0**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 35% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☑ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☑ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-24 Date of site visit: 2/19/2020

Rated by Per Johnson & Matt Murphy Trained by Ecology? ☑ Yes ☐ No Date of training Oct-19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map King County iMap

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	M	H	L	**Total**
Score Based on Ratings	7	9	3	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WFW-24

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☑ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

Wetland name or number WFW-24

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		1
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Trash and herbicide runoff	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-24

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		7
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**14**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-24

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 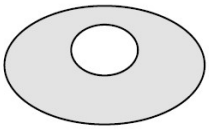 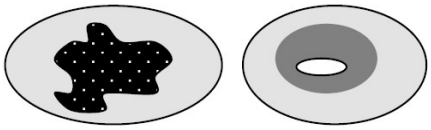 **None** = 0 points **Low** = 1 point **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 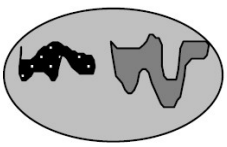 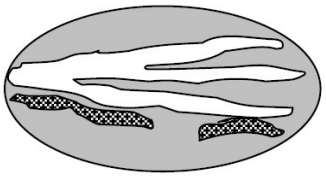	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 6% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 35% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated* . Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE** : This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-24

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☑ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☑ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Wetland name or number WFW-25

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-25 Date of site visit: 2/19/2020

Rated by Per Johnson & Matt Murphy Trained by Ecology? ☑ Yes ☐ No Date of training Oct-19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map King County iMap

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	M	H	M	**Total**
Score Based on Ratings	7	8	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-25

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

Wetland name or number WFW-25

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		4
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3?		1
Source Trash and vehicle exhaust particulates	Yes = 1 No = 0	
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-25

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-25

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

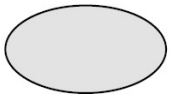

None = 0 points

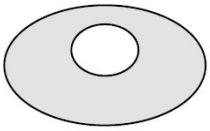

Low = 1 point

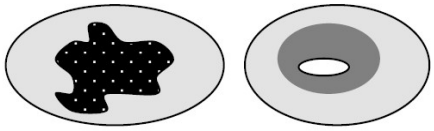

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

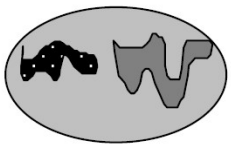

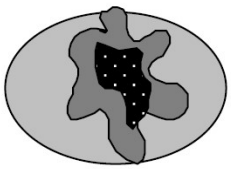

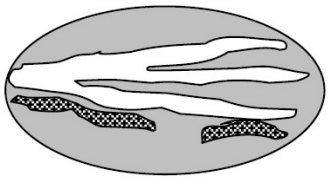

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 6% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 30% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-25

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-26 Date of site visit: 2/18/2020

Rated by K. Moser Trained by Ecology? ☑ Yes ☐ No Date of training Jun-18

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	M	L	
Value	M	H	M	**Total**
Score Based on Ratings	7	7	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-26

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland WFW-26 has riverine and slope HGM class components, therefore was rated as a riverine wetland.

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources high amount of trash in wetland	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	0
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	1
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^1/_3$ area OR emergent plants > $^2/_3$ area	points = 7	
Forest or shrub for > $^1/_{10}$ area OR emergent plants > $^1/_3$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-26

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☑ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

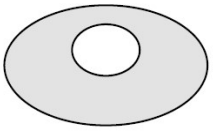

Low = 1 point

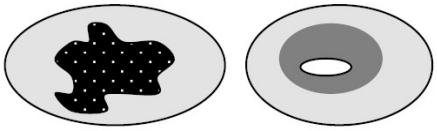

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

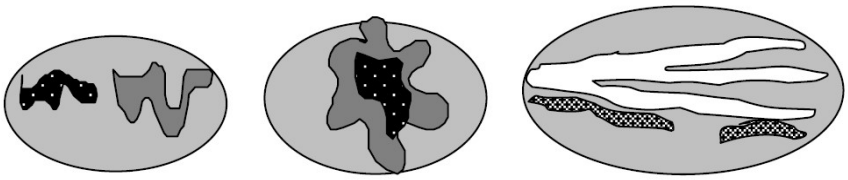

1

Wetland name or number WFW-26

H 1.5. Special habitat features:	
Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**7**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 2.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-26

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-27 Date of site visit: 2/18/2020

Rated by Kaylee Moser Trained by Ecology? ☑ Yes ☐ No Date of training Jun-18

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	M	H	M	**Total**
Score Based on Ratings	6	7	4	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-27

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WFW-27

SLOPE WETLANDS **Water Quality Functions** - Indicators that the site functions to improve water quality	
S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less points = 3 Slope is > 1% - 2% points = 2 Slope is > 2% - 5% points = 1 Slope is greater than 5% points = 0	0
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area points = 6 Dense, uncut, herbaceous plants > ½ of area points = 3 Dense, woody, plants > ½ of area points = 2 Dense, uncut, herbaceous plants > ¼ of area points = 1 Does not meet any of the criteria above for plants points = 0	6
Total for S 1 Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources a high amount of trash in wetland Yes = 1 No = 0	1
Total for S 2 Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	0
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ? Yes = 2 No = 0	0
Total for S 3 Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-27

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	1

Rating of Site Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:
The riverine component is less than 10% of the wetland, therefore WFW27 is rated as slope.

Wetland name or number WFW-27

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☑ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

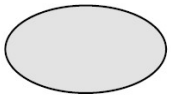

None = 0 points

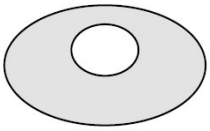

Low = 1 point

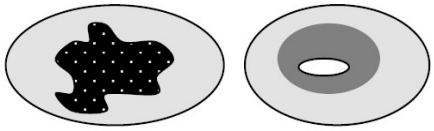

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

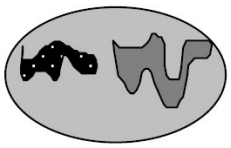

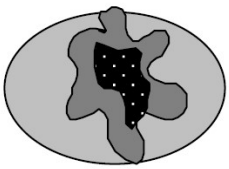

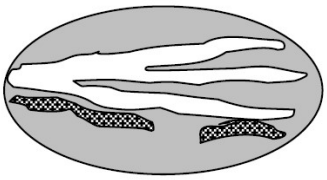

1

Wetland name or number WFW-27

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 2 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 2.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-27

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☑ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-32 Date of site visit: 4/20/2023

Rated by Kaylee Moser and A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct.2018

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY **III** (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	H	H	L	
Value	L	H	L	**Total**
Score Based on Ratings	6	7	3	**16**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
☐ The wetland is on a slope (*slope can be very gradual*),
☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland 32 receives water from a stormwater vault at its southern end and discharges into a stormwater feature at its northern edge.

Wetland name or number WFW-32

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		4
Total for D 1	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Particulates in exhaust from motor vehicles	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	0
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-32

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	2
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	0
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	0
Total for D 4 Add the points in the boxes above	**2**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): ● Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ ● Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 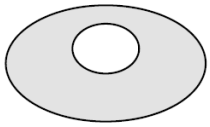 **Low** = 1 point 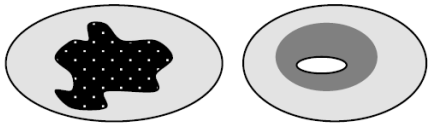 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 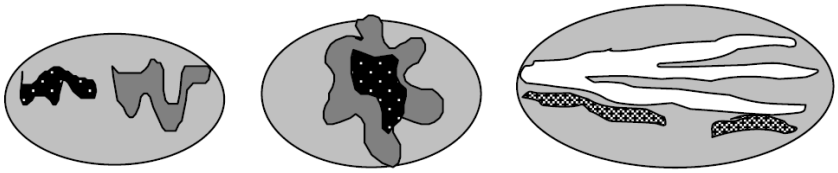	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 18.6 % undisturbed habitat + (7.5 % moderate & low intensity land uses / 2) = 22.35% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-32

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

10/27/2023 | ST_OMFS_Ph2 | WFW32_WetlandRatingFigures.mxd

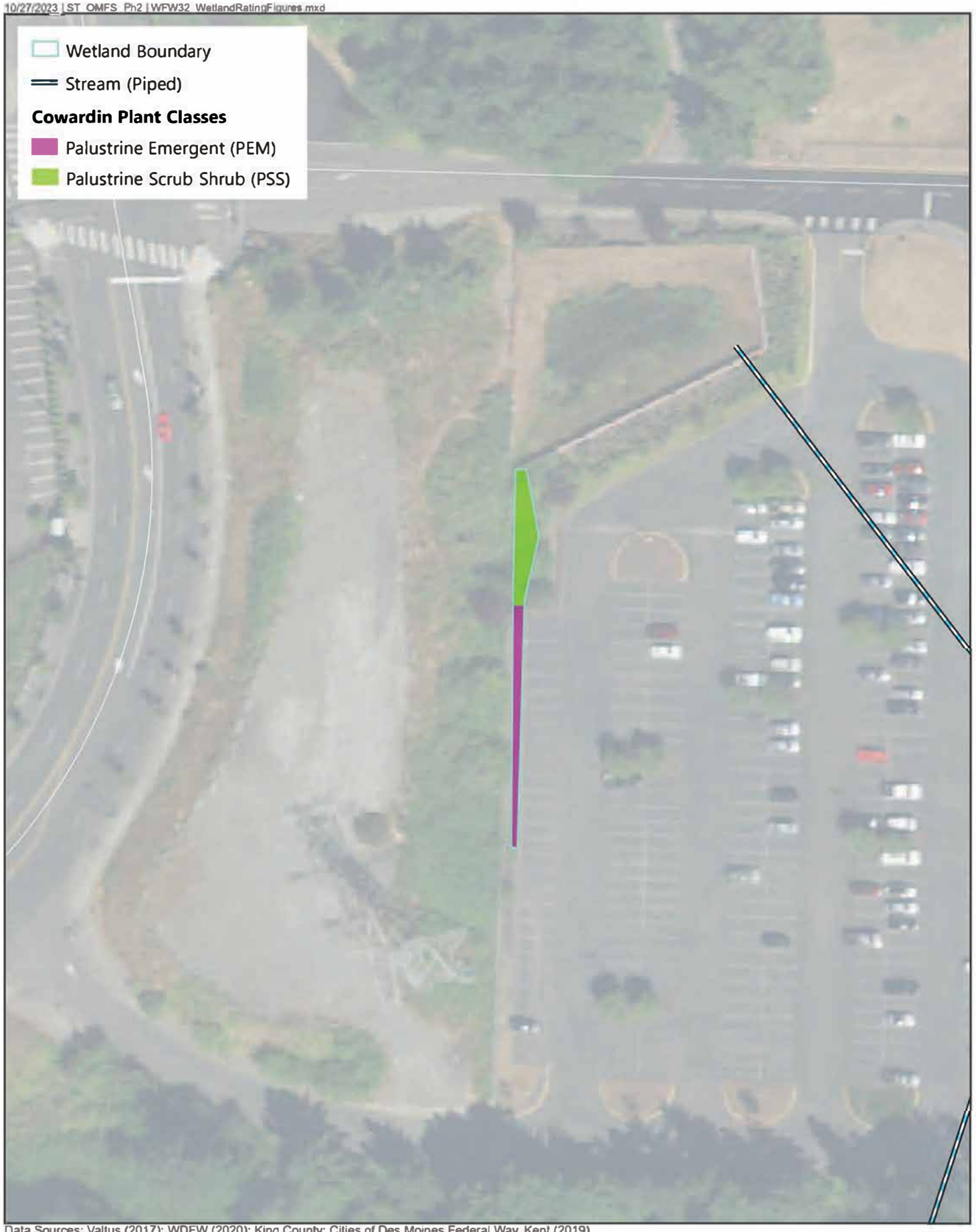

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-32
Cowardin Plant Classes and Cover

N

0 50 100 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW32_WetlandRatingFigures.mxd

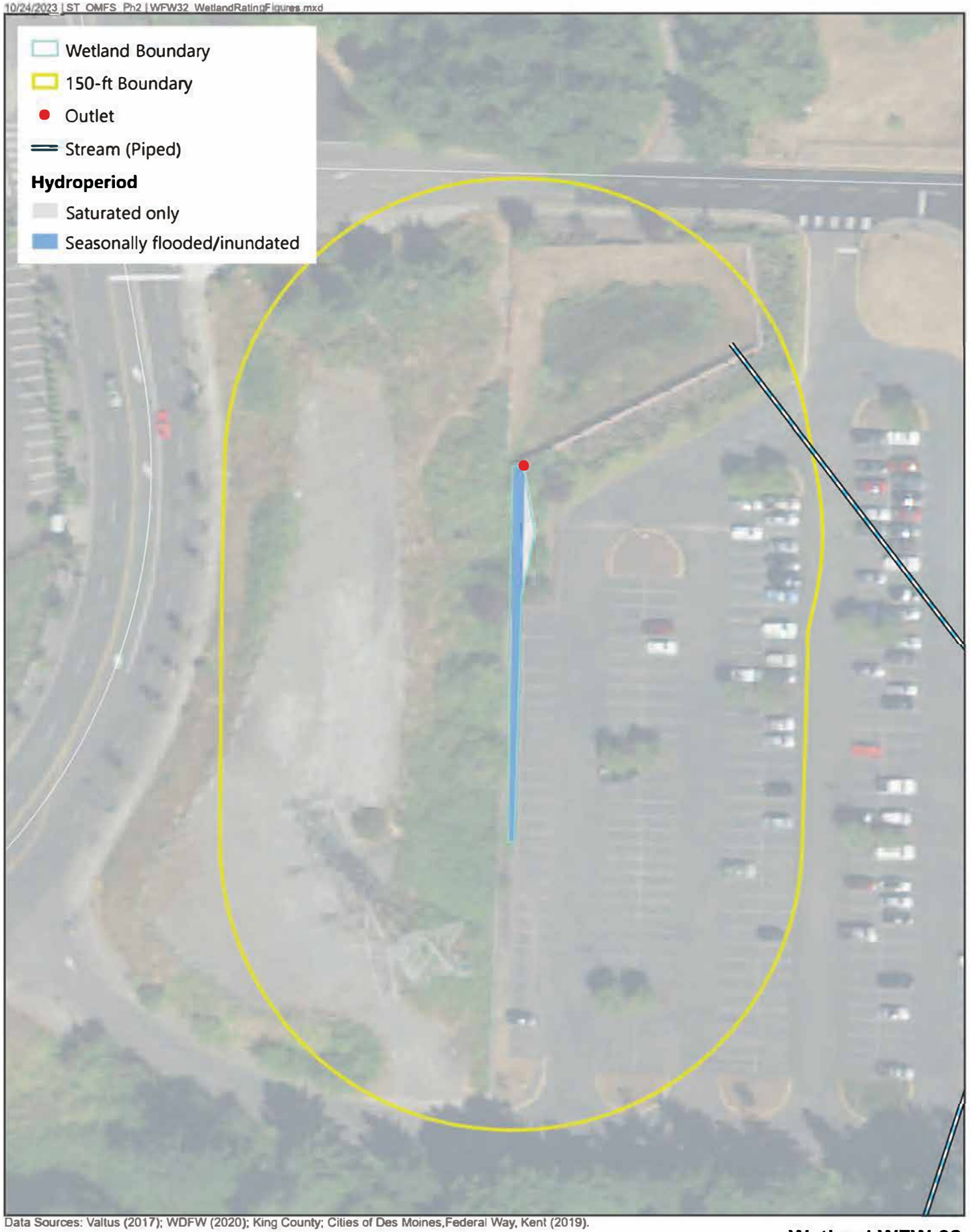

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-32
Hydroperiods

N

0 50 100 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW32_WetlandRatingFigures.mxd

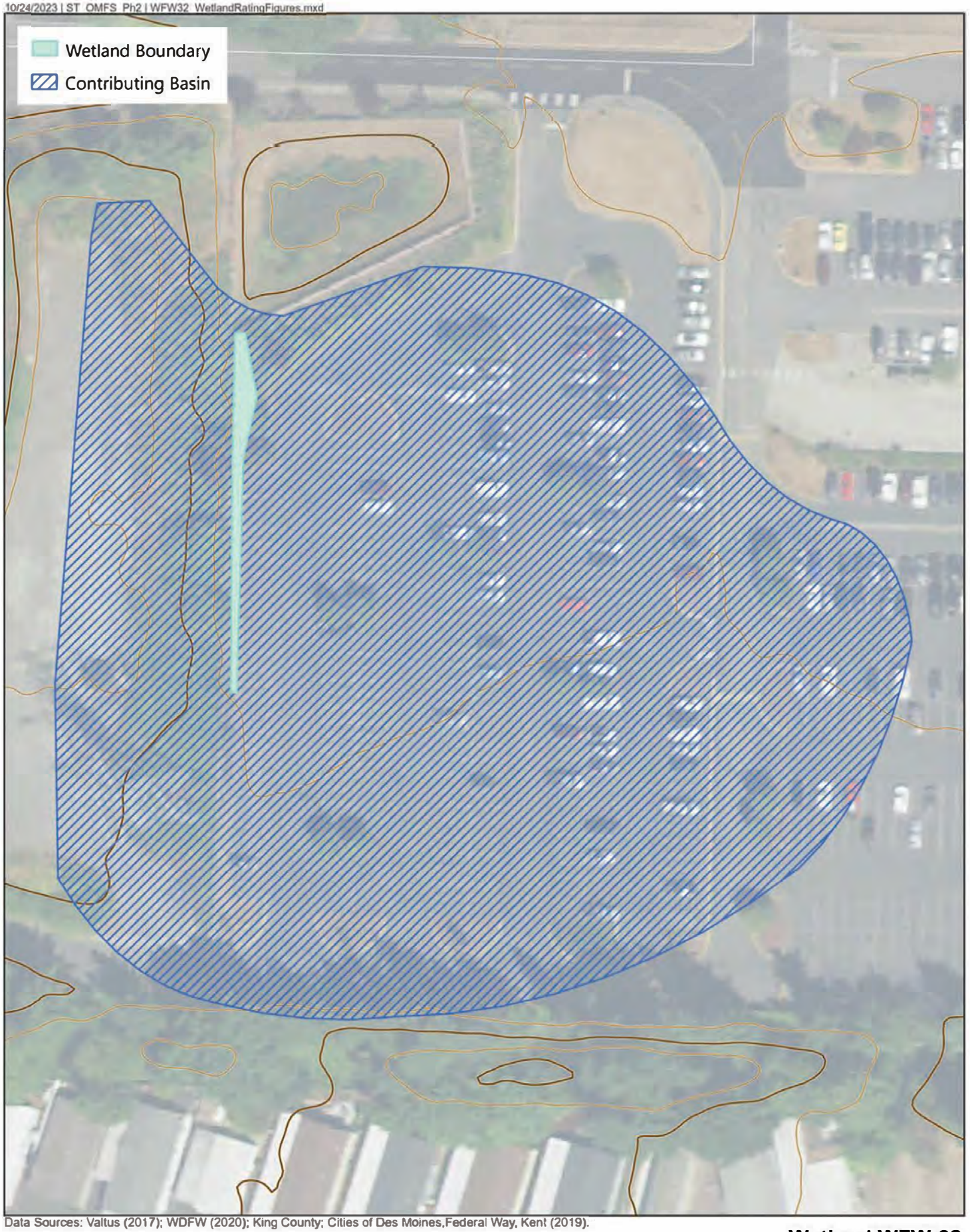

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-32
Contributing Basin

N

0 50 100 Feet

OMF South

10/24/2023 | ST_OMFS_Ph2 | WFW32_WetlandRatingFigures.mxd

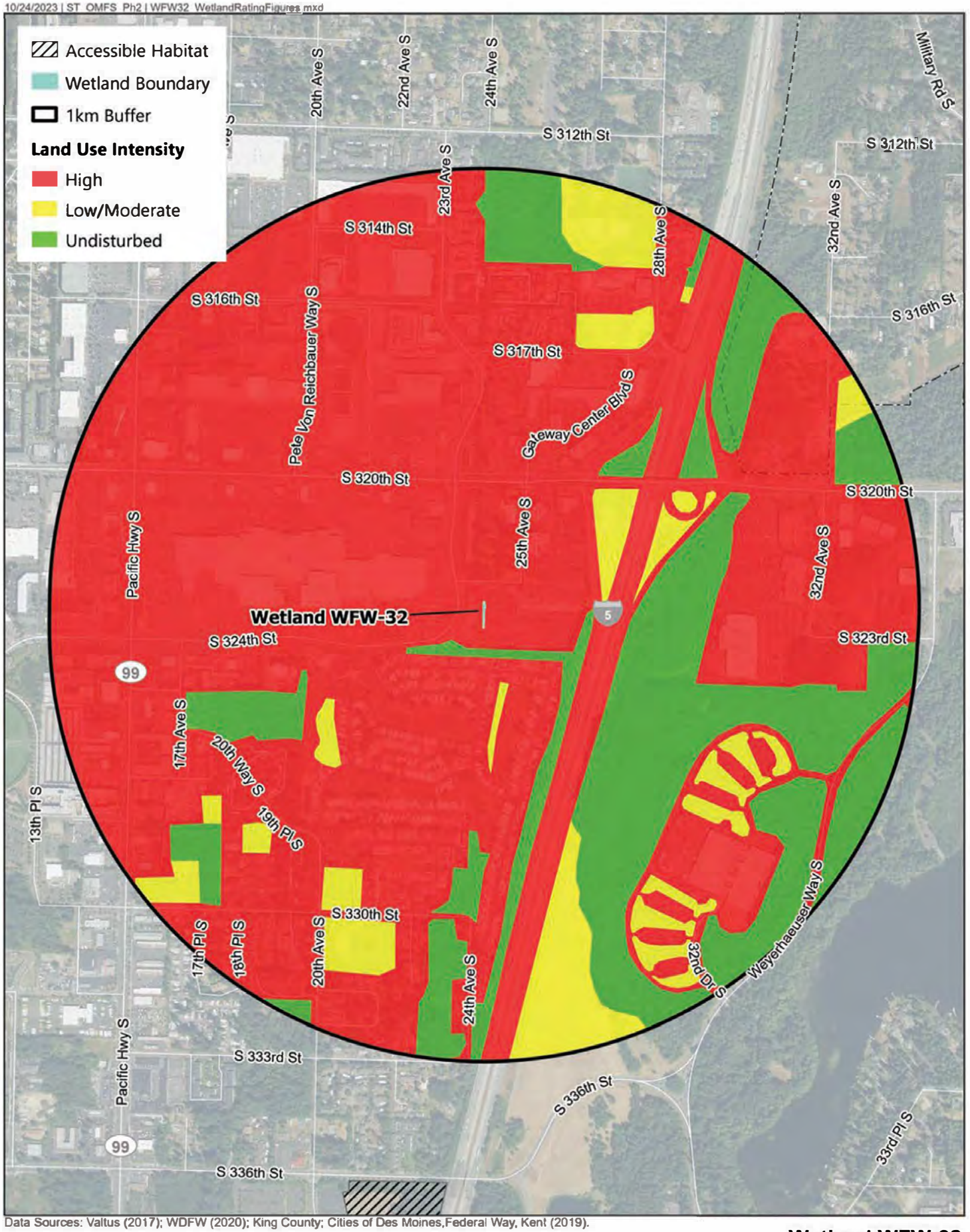

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-32
Land Use Intensity

N

0 750 1,500 Feet

OMF South

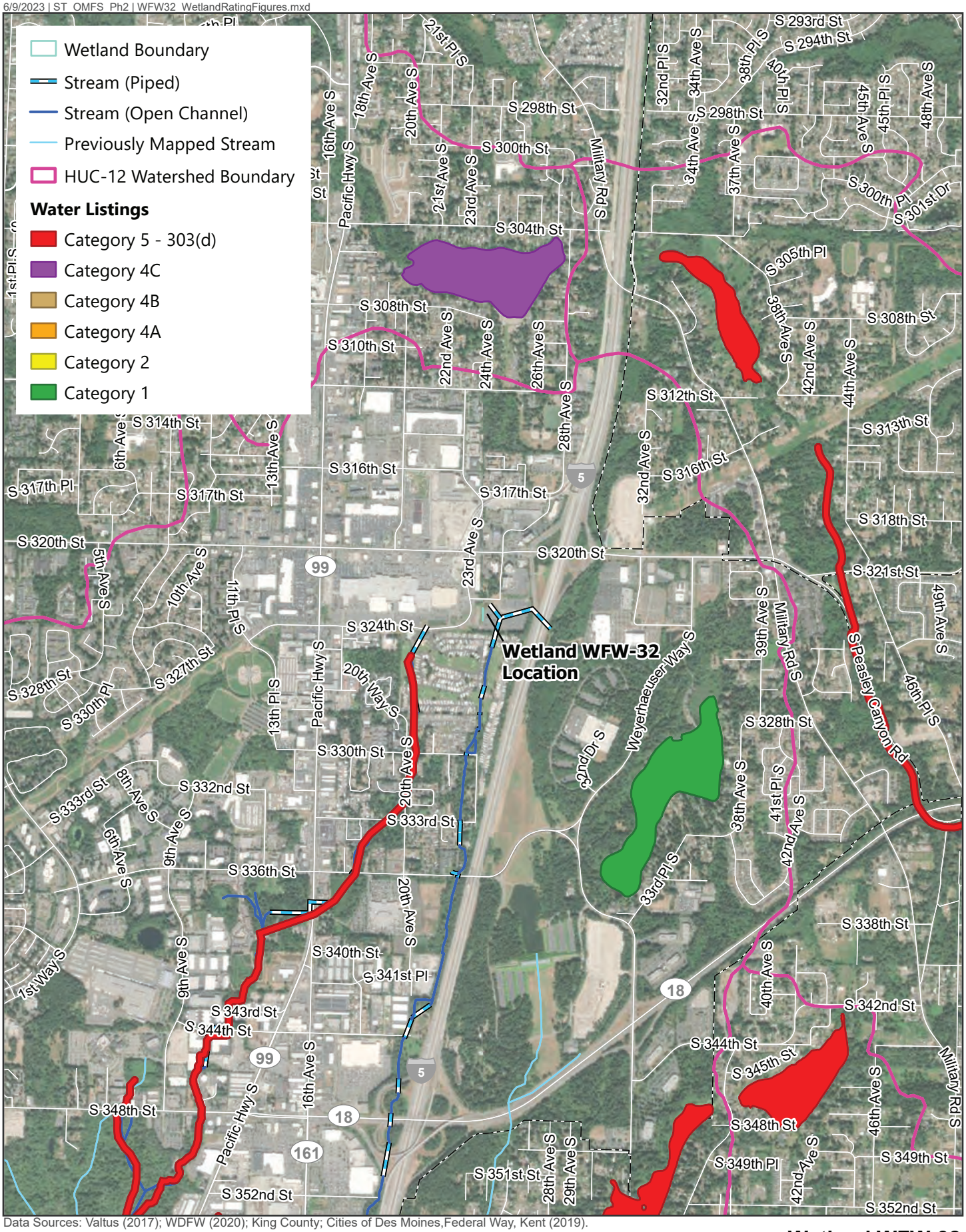

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-32
303(d) Listed Waters

N

0 1,500 3,000 Feet

OMF South

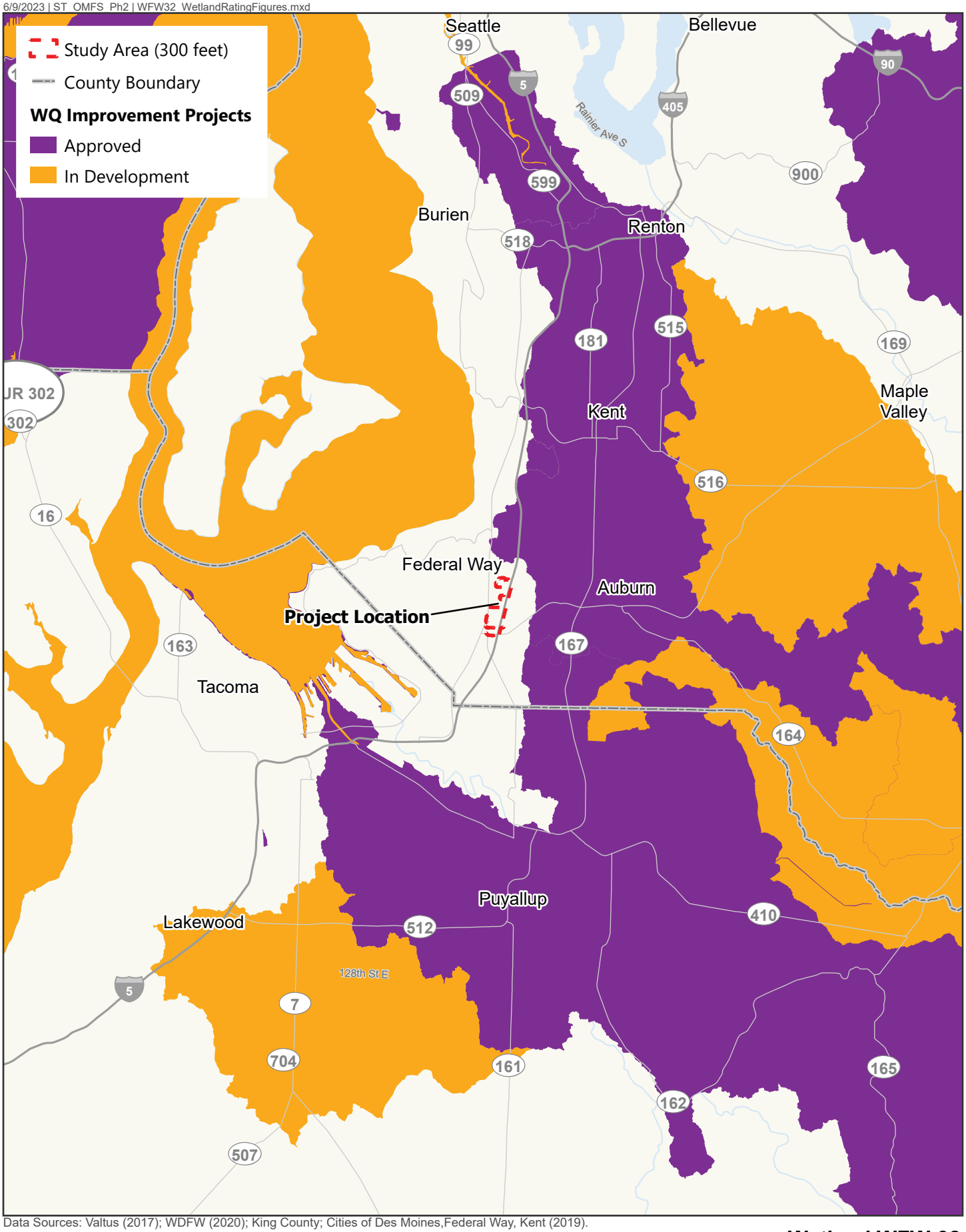

Data Sources: Valtus (2017); WDFW (2020); King County; Cities of Des Moines,Federal Way, Kent (2019).

Wetland WFW-32

Total Maximum Daily Loads (TMDL)

N

0 2.5 5 Miles

OMF South

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-34 Date of site visit: 5/18/2023

Rated by Anna Hoenig, Aaron Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	M	
Value	H	H	H	**Total**
Score Based on Ratings	8	8	7	**23**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-34

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
WFW-34 has depressional and riverine HGM classes and is rated under depressional.

Wetland name or number WFW-34

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		4
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-34

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-34

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☑ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

3

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

2

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

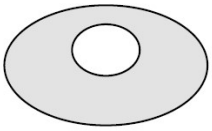

Low = 1 point

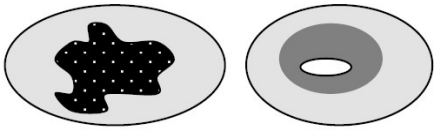

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

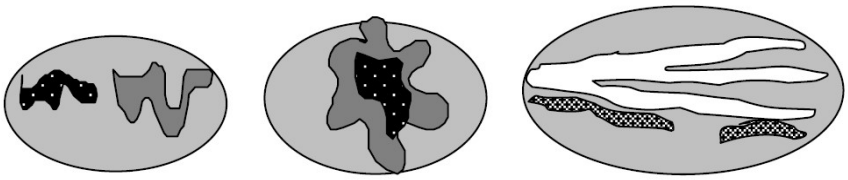

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**10**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 5 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 5.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 50 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 60% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	3
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**3**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-34

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-35 Date of site visit: 5/19/2023

Rated by Kaylee Moser, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

- ____ **Category I** - Total score = 23 - 27
- X **Category II** - Total score = 20 - 22
- ____ **Category III** - Total score = 16 - 19
- ____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	H	M	
Value	H	H	H	**Total**
Score Based on Ratings	7	8	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WFW-35

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

Wetland name or number WFW-35

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
WFW-35 recieves water from a stormwater pipe located at its northwest corner. No outlet was observed. Appears to a man-made feature and is possibly non-jurisdictional.

Wetland name or number WFW-35

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source	Yes = 1 No = 0	0
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

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DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

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These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

☐ Aquatic bed	4 structures or more: points = 4	1
☑ Emergent	3 structures: points = 2	
☑ Scrub-shrub (areas where shrubs have > 30% cover)	2 structures: points - 1	
☐ Forested (areas where trees have > 30% cover)	1 structure: points = 0	

If the unit has a Forested class, check if:

☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

☐ Permanently flooded or inundated	4 or more types present: points = 3	1
☑ Seasonally flooded or inundated	3 types present: points = 2	
☐ Occasionally flooded or inundated	2 types present: points = 1	
☑ Saturated only	1 types present: points = 0	
☐ Permanently flowing stream or river in, or adjacent to, the wetland		
☐ Seasonally flowing stream in, or adjacent to, the wetland		
☐ **Lake Fringe wetland**	**2 points**	
☐ **Freshwater tidal wetland**	**2 points**	

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** 1

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 1

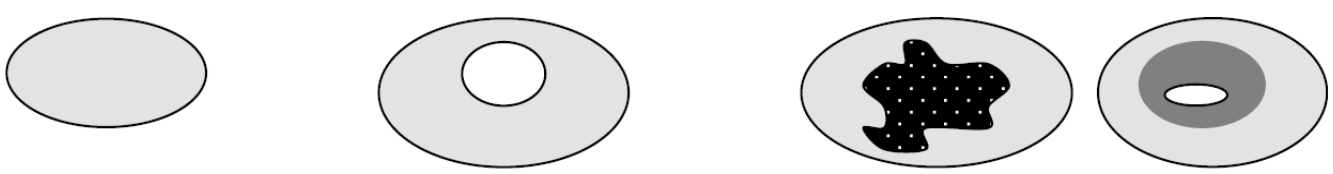

None = 0 points **Low** = 1 point **Moderate** = 2 points

All three diagrams in this row are **HIGH** = 3 points

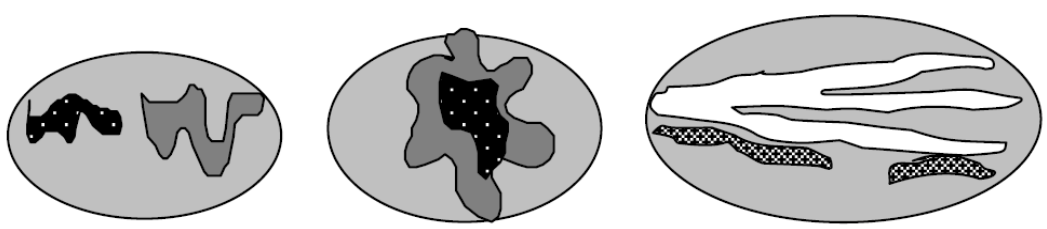

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H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 5 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 15% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 22.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	0
Total for H 2 Add the points in the boxes above	**2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

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WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

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CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina* , see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☐ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions*** . SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80-200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-36 Date of site visit: 5/19/2023

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	M	L	H	
Value	H	H	H	**Total**
Score Based on Ratings	7	5	7	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-36

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WFW-36

SLOPE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

S 1.0. Does the site have the potential to improve water quality?		
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*)		0
Slope is 1% or less	points = 3	
Slope is > 1% - 2%	points = 2	
Slope is > 2% - 5%	points = 1	
Slope is greater than 5%	points = 0	
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*):	Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.*		6
Dense, uncut, herbaceous plants > 90% of the wetland area	points = 6	
Dense, uncut, herbaceous plants > ½ of area	points = 3	
Dense, woody, plants > ½ of area	points = 2	
Dense, uncut, herbaceous plants > ¼ of area	points = 1	
Does not meet any of the criteria above for plants	points = 0	
Total for S 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?		
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	0
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1?		1
Other Sources SR-99	Yes = 1 No = 0	
Total for S 2	Add the points in the boxes above	**1**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?		
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.*	Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ?	Yes = 2 No = 0	0
Total for S 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-36

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	0

Rating of Site Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	0

Rating of Landscape Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-36

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

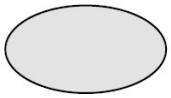

None = 0 points

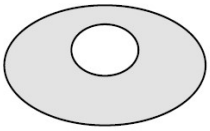

Low = 1 point

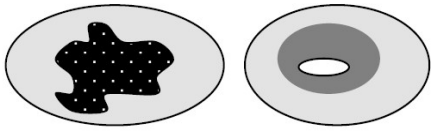

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

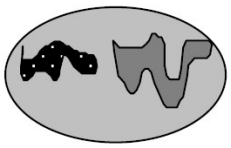

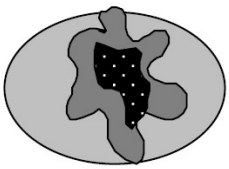

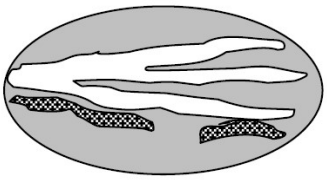

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 20 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 27.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	2
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 50 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 62.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	3
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	0
Total for H 2 Add the points in the boxes above	**5**

Rating of Landscape Potential If Score is: ☑ **4 - 6 = H** ☐ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-36

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-37 Date of site visit: 5/23/2023

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	M	H	
Landscape Potential	H	H	M	
Value	H	H	H	**Total**
Score Based on Ratings	9	8	8	**25**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-37

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland has slope components draining to a larger depresional system. West Fork Hylebos creek runs through the wetland, containing some riverine components.

D3.3 WEST HYLEBOS STORMWATER MANAGEMENT ACTION PLAN (SMAP), Prepared by, Environmental Services City of Federal Way, Public Works Department. January 2023

Wetland name or number WFW-37

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	4
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**13**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	1
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source waterfowl, SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**4**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-37

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		5
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		0
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-37

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☑ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	2
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 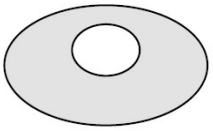 **Low** = 1 point 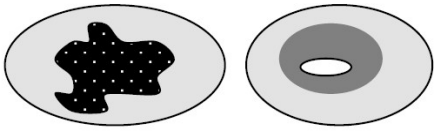 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 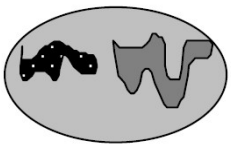 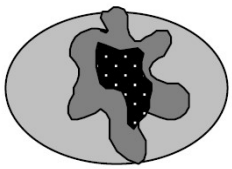 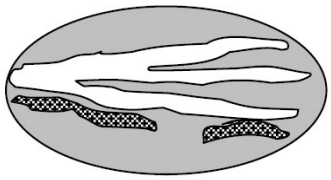	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	5
Total for H 1 — Add the points in the boxes above	**17**

Rating of Site Potential If Score is: ☑ **15 - 18 = H** ☐ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 8 % undisturbed habitat + (6 % moderate & low intensity land uses / 2) = 11% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 32.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-37

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-38 Date of site visit: 5/24/2023

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	M	M	
Landscape Potential	H	M	H	
Value	H	H	H	**Total**
Score Based on Ratings	9	7	8	**24**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-38

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland contains slope, riverine, and depressional components; therefore, WFW-38 is rated as depressional.

Wetland name or number WFW-38

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	4
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**13**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	1
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3?		1
Source trash, social encampments	Yes = 1 No = 0	
Total for D 2	Add the points in the boxes above	**4**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-38

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	0
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-38

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 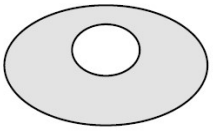 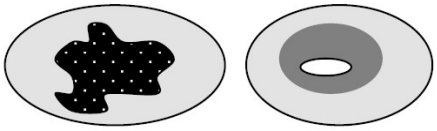 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 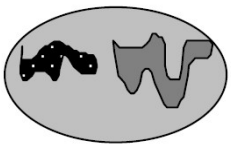 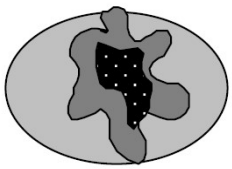 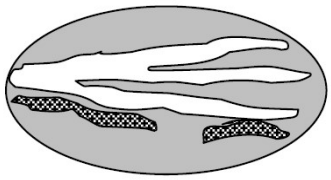	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**9**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 20% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	2
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 40 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 55% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	3
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**5**

Rating of Landscape Potential If Score is: ☑ **4 - 6 = H** ☐ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-38

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-39 Date of site visit: 5/30/2023

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	H	H	H	**Total**
Score Based on Ratings	8	8	6	**22**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-39

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland WFW-39 contains slope, riverine, and depressional HGM components.

Wetland name or number WFW-39

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		4
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**11**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	1
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99, encampments, trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**4**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-39

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		5
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-39

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	2
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 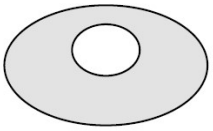 **Low** = 1 point 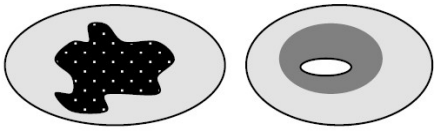 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 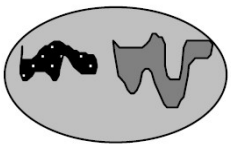 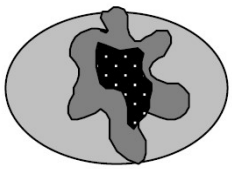 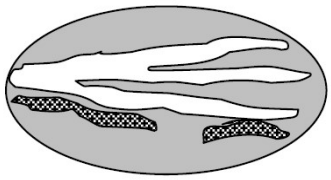	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 — Add the points in the boxes above	**12**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 35% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-39

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☑ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-42 Date of site visit: 5/31/2023

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	H	
Value	M	H	M	**Total**
Score Based on Ratings	7	8	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-42

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-42

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99, trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-42

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-42

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

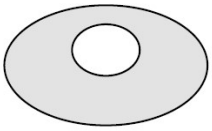

Low = 1 point

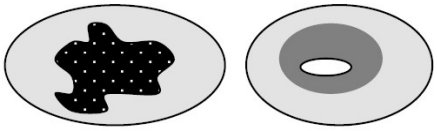

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

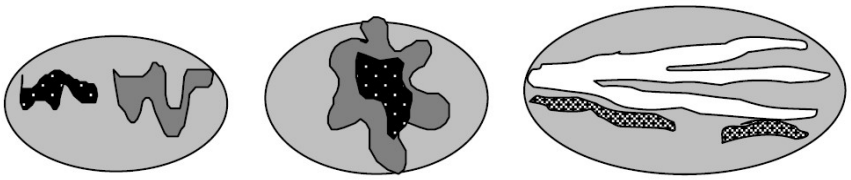

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 20 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 22.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	2
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (40 % moderate & low intensity land uses / 2) = 50% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**4**

Rating of Landscape Potential If Score is: ☑ **4 - 6 = H** ☐ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-42

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-43 Date of site visit: 6/14/2023

Rated by A. Hoenig, A. Weiss, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training October, 2018

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map Esri, Google Earth Pro

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	M	
Landscape Potential	H	H	H	
Value	H	H	H	**Total**
Score Based on Ratings	8	7	8	**23**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-43

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
This wetland contains riverine, depressional and sloped areas, therefore the HGM class used for this rating is Depressional.

Wetland name or number WFW-43

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		3
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source waterfowl, SR99, social encampments	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-43

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		0
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**1**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFW-43

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☑ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	2
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 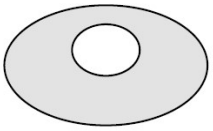 **Low** = 1 point 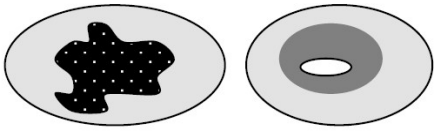 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 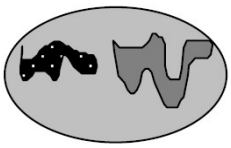 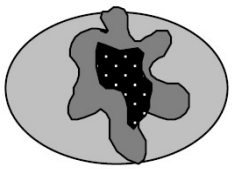 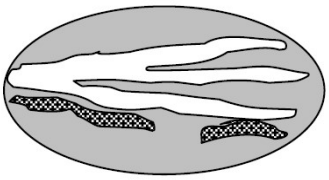	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 — Add the points in the boxes above	**13**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 25% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	2
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 35% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**4**

Rating of Landscape Potential If Score is: ☑ **4 - 6 = H** ☐ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-43

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☑ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-44 Date of site visit: 6/14/2023

Rated by Kaylee Moser, Aaron Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI/ Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	M	
Value	H	H	H	**Total**
Score Based on Ratings	7	8	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-44

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-44

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**2**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source trash, SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-44

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-44

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

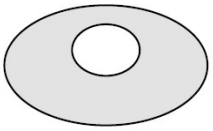

Low = 1 point

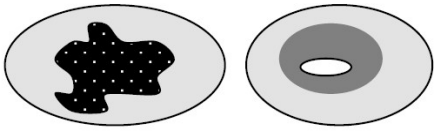

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

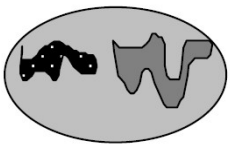

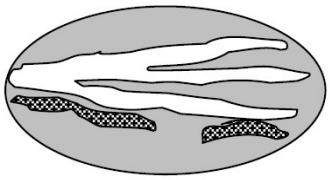

0

Wetland name or number WFW-44

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 17.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 45% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-44

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☑ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-45 Date of site visit: 7/12/2023

Rated by A. Weiss, S. Petro, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	H	H	M	
Value	H	H	M	**Total**
Score Based on Ratings	8	7	5	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-45

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-45

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-45

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFW-45

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 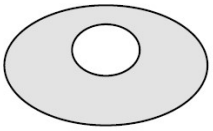 **Low** = 1 point 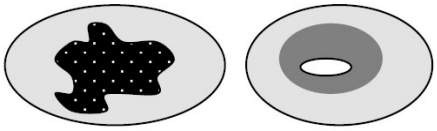 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 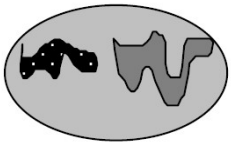 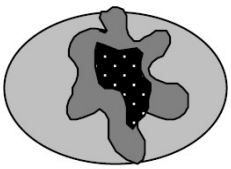 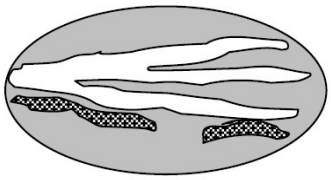	0

Wetland name or number WFW-45

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 10 % undisturbed habitat + (3 % moderate & low intensity land uses / 2) = 11.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 42.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-45

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-46 Date of site visit: 7/12/2023

Rated by A. Weiss, S. Petro, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map Esri

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	H	
Value	H	H	M	**Total**
Score Based on Ratings	7	7	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-46

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-46

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source trash, SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-46

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		0
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	0
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-46

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☑ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

2

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

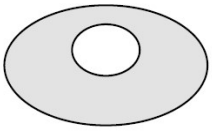

Low = 1 point

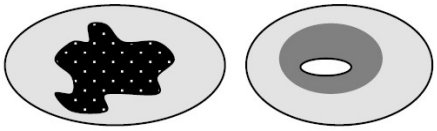

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

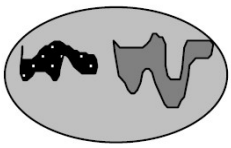

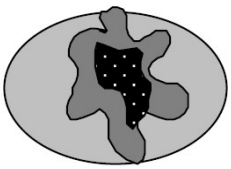

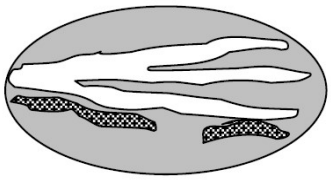

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 22.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	2
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 37.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**4**

Rating of Landscape Potential If Score is: ☑ **4 - 6 = H** ☐ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-46

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-47 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	M	
Value	H	H	M	**Total**
Score Based on Ratings	8	8	5	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-47

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Assumed slope and depressional based on topography.

Wetland name or number WFW-47

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-47

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-47

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

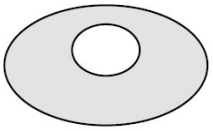

Low = 1 point

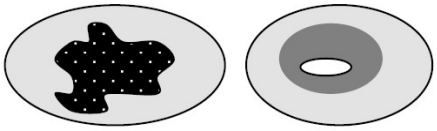

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

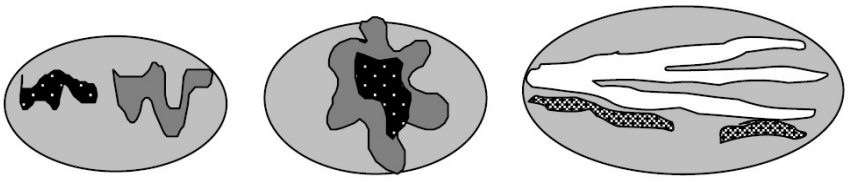

0

Wetland name or number WFW-47

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 3 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 10.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20 % undisturbed habitat + (30 % moderate & low intensity land uses / 2) = 35% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**3**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-47

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-48 Date of site visit: remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	M	
Value	M	H	L	**Total**
Score Based on Ratings	7	8	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-48

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WFW-48

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-48

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFW-48

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

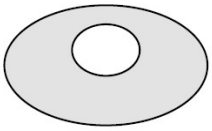

Low = 1 point

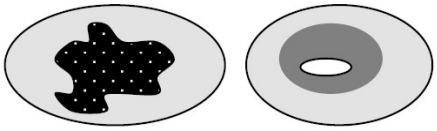

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

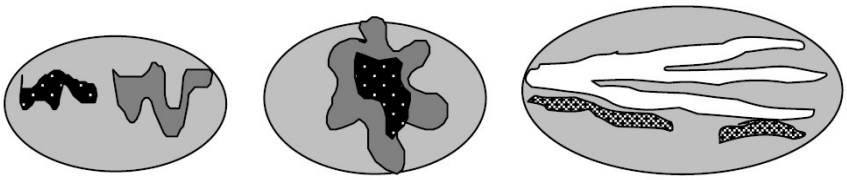

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**6**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 1% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 40 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 47.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-48

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WFW-49 Date of site visit: 12/15/2023

Rated by Amanda Weiss, Ingrid Kimball Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	M	H	
Landscape Potential	H	H	M	
Value	H	H	H	**Total**
Score Based on Ratings	9	8	8	**25**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WFW-49

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland has slope components draining to a larger depresional system. West Fork Hylebos creek runs through the wetland, containing some riverine components.

Wetland name or number WFW-49

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	4
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		4
Total for D 1	Add the points in the boxes above	**13**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source waterfowl	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WFW-49

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	2
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	5
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	3
Total for D 4 Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WFW-49

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☑ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☑ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 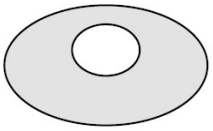 **Low** = 1 point 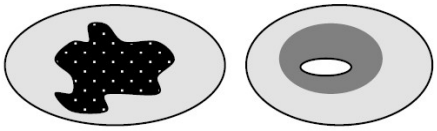 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 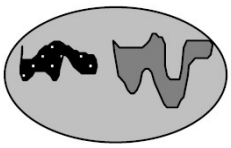 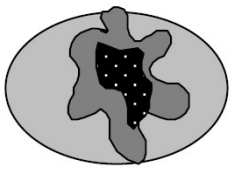 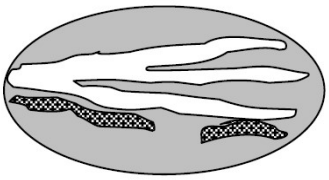	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 — Add the points in the boxes above	**15**

Rating of Site Potential If Score is: ☑ **15 - 18 = H** ☐ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 2.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 37.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WFW-49

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-01 Date of site visit: Remote

Rated by A. Hoenig Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2015

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map _____

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	6	8	5	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-01

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-01

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		1
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**4**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Semi-trucks are parked in wetland	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-01

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☑ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-01

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

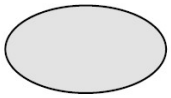

None = 0 points

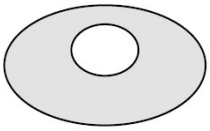

Low = 1 point

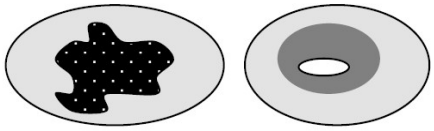

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

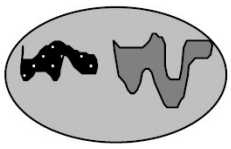

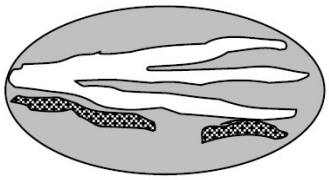

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 30% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-01

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-02 Date of site visit: 2/4/2020

Rated by Anna Hoenig Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2015

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	M	M	M	
Value	H	H	H	**Total**
Score Based on Ratings	6	7	6	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☑ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WMI-02

SLOPE WETLANDS **Water Quality Functions** - Indicators that the site functions to improve water quality	
S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less — points = 3 Slope is > 1% - 2% — points = 2 Slope is > 2% - 5% — points = 1 Slope is greater than 5% — points = 0	2
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area — points = 6 Dense, uncut, herbaceous plants > ½ of area — points = 3 Dense, woody, plants > ½ of area — points = 2 Dense, uncut, herbaceous plants > ¼ of area — points = 1 Does not meet any of the criteria above for plants — points = 0	1
Total for S 1 — Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐ **12 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources Trash and exhaust from I-5 Yes = 1 No = 0	1
Total for S 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	1
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ? Yes = 2 No = 0	0
Total for S 3 — Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-02

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	1

Rating of Site Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-02

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	0
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 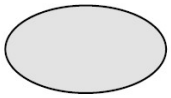 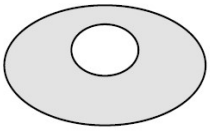 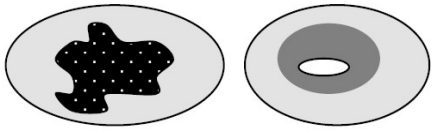 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 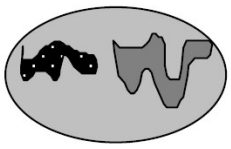 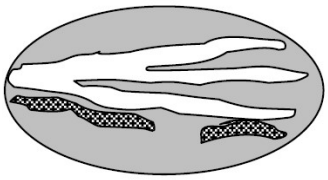	1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 8 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 8% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 8 % undisturbed habitat + (12 % moderate & low intensity land uses / 2) = 14% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	0
Total for H 2 Add the points in the boxes above	**1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-02

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-03 Date of site visit: 2/4/2020

Rated by A. Hoenig, M. Murphy Trained by Ecology? ☑ Yes ☐ No Date of training 8/15, 8/19

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	M	H	H	**Total**
Score Based on Ratings	6	7	5	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-03

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-03

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		3
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		3
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-03

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-03

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 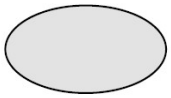 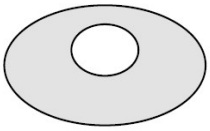 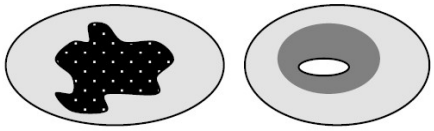 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 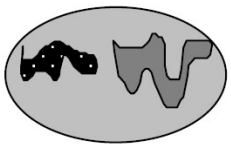 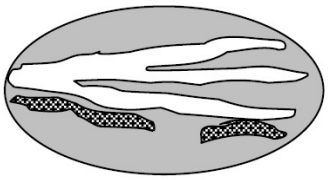	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 17.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 32.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-03

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-04 Date of site visit: 2/5/2020

Rated by A. Hoenig Trained by Ecology? ☑ Yes ☐ No Date of training Oct-15

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	M	H	H	**Total**
Score Based on Ratings	6	7	5	**18**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-04

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-04

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-04

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-04

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

0

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.

Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

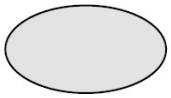

None = 0 points

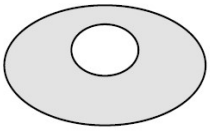

Low = 1 point

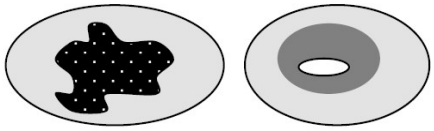

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

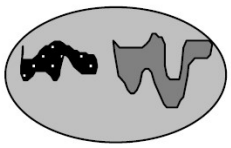

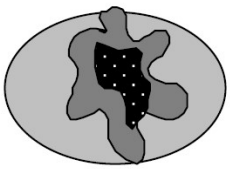

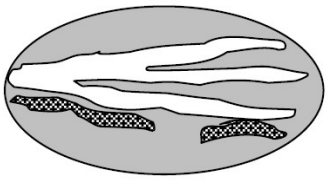

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	1
Total for H 1 — Add the points in the boxes above	**2**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 17.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 20 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 25% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-04

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-06 Date of site visit: 2/25/2020

Rated by K. Moser Trained by Ecology? ☑ Yes ☐ No Date of training June. 2018

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY IV (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
X **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	M	M	L	
Value	H	H	L	**Total**
Score Based on Ratings	6	6	3	**15**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WMI-06

SLOPE WETLANDS **Water Quality Functions** - Indicators that the site functions to improve water quality	
S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less points = 3 Slope is > 1% - 2% points = 2 Slope is > 2% - 5% points = 1 Slope is greater than 5% points = 0	1
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area points = 6 Dense, uncut, herbaceous plants > ½ of area points = 3 Dense, woody, plants > ½ of area points = 2 Dense, uncut, herbaceous plants > ¼ of area points = 1 Does not meet any of the criteria above for plants points = 0	0
Total for S 1 Add the points in the boxes above	**1**

Rating of Site Potential If score is: ☐ **12 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources highway runoff, I-5 Yes = 1 No = 0	1
Total for S 2 Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	1
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ? Yes = 2 No = 0	0
Total for S 3 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-06

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	0

Rating of Site Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-06

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

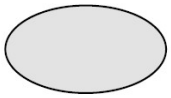

None = 0 points

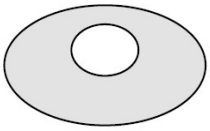

Low = 1 point

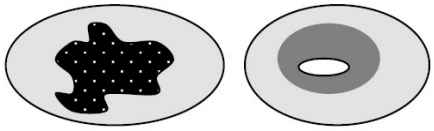

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

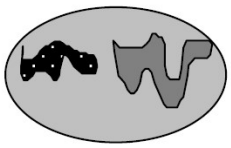

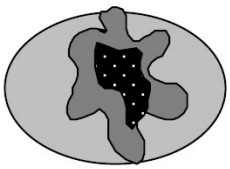

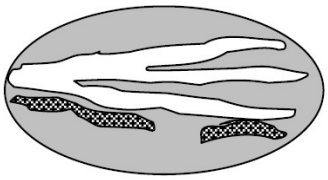

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (8 % moderate & low intensity land uses / 2) = 19% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 30% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-06

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-07 Date of site visit: 5/2/2023

Rated by Anna Hoenig, Aaron Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2018

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	M	M	L	
Value	H	H	L	**Total**
Score Based on Ratings	7	7	3	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-07

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WMI-07

SLOPE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

S 1.0. Does the site have the potential to improve water quality?		
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*)		0
Slope is 1% or less	points = 3	
Slope is > 1% - 2%	points = 2	
Slope is > 2% - 5%	points = 1	
Slope is greater than 5%	points = 0	
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*):	Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.*		6
Dense, uncut, herbaceous plants > 90% of the wetland area	points = 6	
Dense, uncut, herbaceous plants > ½ of area	points = 3	
Dense, woody, plants > ½ of area	points = 2	
Dense, uncut, herbaceous plants > ¼ of area	points = 1	
Does not meet any of the criteria above for plants	points = 0	
Total for S 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?		
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1?		1
Other Sources I-5	Yes = 1 No = 0	
Total for S 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?		
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.*	Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ?	Yes = 2 No = 0	0
Total for S 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-07

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	1

Rating of Site Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-07

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

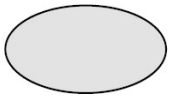

None = 0 points

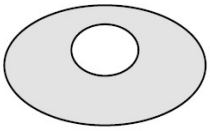

Low = 1 point

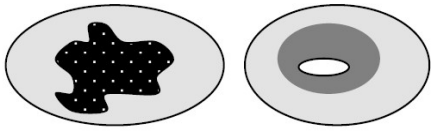

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

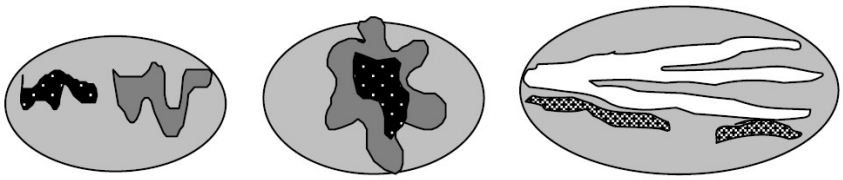

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (8 % moderate & low intensity land uses / 2) = 19% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 30% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-07

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-08 Date of site visit: 2/25/2020

Rated by K. Moser Trained by Ecology? ☑ Yes ☐ No Date of training June. 2018

HGM Class used for rating Slope Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	L	L	
Landscape Potential	M	M	L	
Value	H	H	H	**Total**
Score Based on Ratings	6	6	5	**17**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

SLOPE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less — points = 3 Slope is > 1% - 2% — points = 2 Slope is > 2% - 5% — points = 1 Slope is greater than 5% — points = 0	0
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area — points = 6 Dense, uncut, herbaceous plants > ½ of area — points = 3 Dense, woody, plants > ½ of area — points = 2 Dense, uncut, herbaceous plants > ¼ of area — points = 1 Does not meet any of the criteria above for plants — points = 0	2
Total for S 1 — Add the points in the boxes above	**2**

Rating of Site Potential If score is: ☐ **12 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources highway runoff, I-5 Yes = 1 No = 0	1
Total for S 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	1
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ? Yes = 2 No = 0	0
Total for S 3 — Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-08

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	0

Rating of Site Potential If score is: ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-08

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

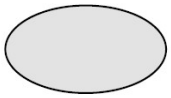

None = 0 points

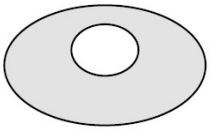

Low = 1 point

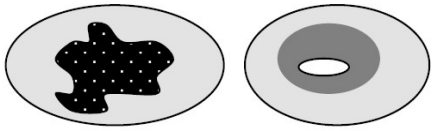

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

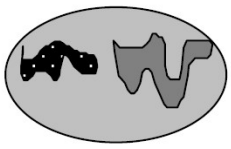

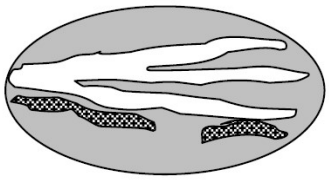

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 15 % undisturbed habitat + (8 % moderate & low intensity land uses / 2) = 19% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 18 % undisturbed habitat + (12 % moderate & low intensity land uses / 2) = 24% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☑ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-08

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-09a Date of site visit: 6/5/2023

Rated by K. Moser, A. Weiss, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2018

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map Esri, Google Earth Pro

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	L	H	
Landscape Potential	H	H	L	
Value	H	H	H	**Total**
Score Based on Ratings	9	7	7	**23**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-09a

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

Wetland name or number WMI-09a

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		1
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	4
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		2
Total for D 1	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99 and I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-09a

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	0
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	0
Total for D 4 Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WMI-09a

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 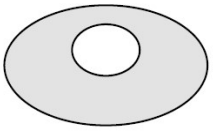 **Low** = 1 point 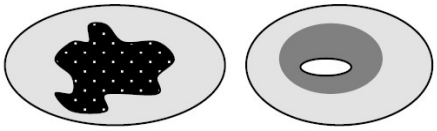 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 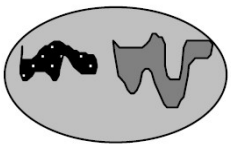 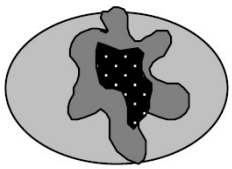 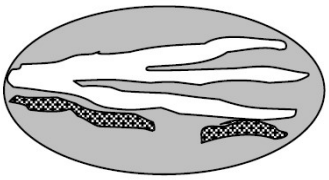	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	5
Total for H 1 — Add the points in the boxes above	**16**

Rating of Site Potential If Score is: ☑ **15 - 18 = H** ☐ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 1% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 15 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 27.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☑ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☑ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-09a

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-09b Date of site visit: 6/6/2023

Rated by K. Moser, A. Weiss, A. Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2018

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map Esri, Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	L	M	
Landscape Potential	H	H	L	
Value	H	H	H	**Total**
Score Based on Ratings	9	7	6	**22**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-09b

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
A portion of the wetland is riverine and a portion is depressional. Depressional + Riverine along stream within boundary of depression, therefore the HGM class used for this rating is Depressional.

Wetland name or number WMI-09b

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	4
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-09b

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	0
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	0
Total for D 4 Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WMI-09b

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 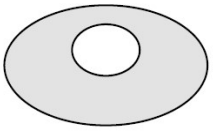 **Low** = 1 point 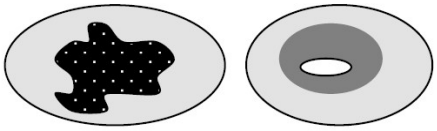 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 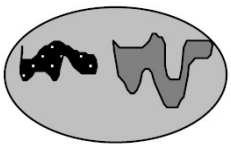 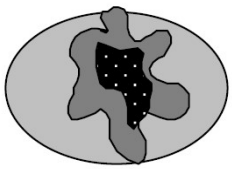 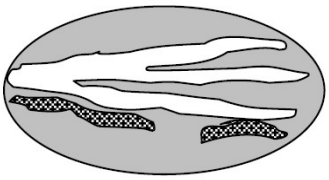	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 — Add the points in the boxes above	**12**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 1% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 15 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 27.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☑ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☑ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-09b

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-09c Date of site visit: 2/10/2020

Rated by Josh Wozniak Trained by Ecology? ☑ Yes ☐ No Date of training 2015

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	H	M	
Landscape Potential	H	H	M	
Value	M	H	H	**Total**
Score Based on Ratings	8	9	7	**24**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-09c

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☐ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-09c

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		8
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☑ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**14**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-09c

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		9
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**16**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	2
Total for R 6	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-09c

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 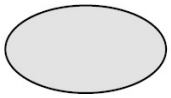 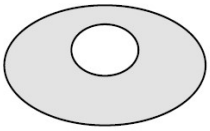 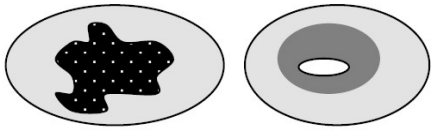 **None** = 0 points **Low** = 1 point **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 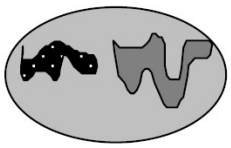 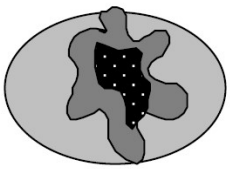 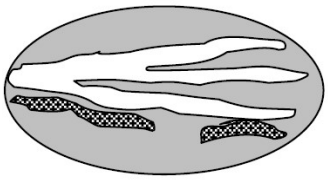	2

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	5
Total for H 1 — Add the points in the boxes above	**11**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 7 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 7.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 40 % undisturbed habitat + (45 % moderate & low intensity land uses / 2) = 62.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	3
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**3**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☑ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☑ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-09c

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-09d Date of site visit: 2/20/2020

Rated by Josh Wozniak Trained by Ecology? ☑ Yes ☐ No Date of training 2015

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	M	M	
Landscape Potential	H	M	L	
Value	M	H	H	**Total**
Score Based on Ratings	8	7	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-09d

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☐ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-09d

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		8
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☑ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**14**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-09d

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		4
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**11**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	0
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-09d

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 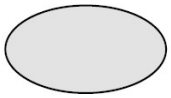 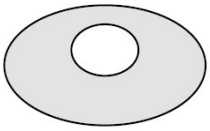 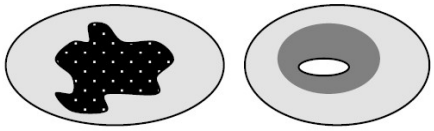 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 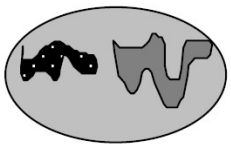 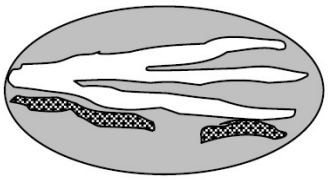	3

Wetland name or number WMI-09d

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 Add the points in the boxes above	**14**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 3 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 3.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 20% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☑ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☑ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-09d

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

Wetland name or number WMI-10

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-10 Date of site visit: 6/20/2023

Rated by Aaron Thom Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Slope Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY IV (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
X **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	L	M	L	
Landscape Potential	M	M	L	
Value	M	H	L	**Total**
Score Based on Ratings	5	7	3	**15**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	X

Wetland name or number WMI-10

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number WMI-10

SLOPE WETLANDS **Water Quality Functions** - Indicators that the site functions to improve water quality	
S 1.0. Does the site have the potential to improve water quality?	
S 1.1. Characteristics of the average slope of the wetland: (*a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance*) Slope is 1% or less points = 3 Slope is > 1% - 2% points = 2 Slope is > 2% - 5% points = 1 Slope is greater than 5% points = 0	1
S 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*): Yes = 3 No = 0	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. *Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.* Dense, uncut, herbaceous plants > 90% of the wetland area points = 6 Dense, uncut, herbaceous plants > ½ of area points = 3 Dense, woody, plants > ½ of area points = 2 Dense, uncut, herbaceous plants > ¼ of area points = 1 Does not meet any of the criteria above for plants points = 0	2
Total for S 1 Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐ **12 = H** ☐ **6 - 11 = M** ☑ **0 - 5 = L** *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function of the site?	
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? Yes = 1 No = 0	1
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other Sources SR-99, trash Yes = 1 No = 0	1
Total for S 2 Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☑ **1 - 2 = M** ☐ **0 = L** *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?	
S 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list? Yes = 1 No = 0	0
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? *At least one aquatic resource in the basin is on the 303(d) list.* Yes = 1 No = 0	1
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? A*nswer YES if there is a TMDL for the basin in which the unit is found* ? Yes = 2 No = 0	0
Total for S 3 Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-10

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream erosion

S 4.0. Does the site have the potential to reduce flooding and stream erosion?	
S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > $^{1}/_{8}$ in), or dense enough, to remain erect during surface flows.* Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1 All other conditions points = 0	1

Rating of Site Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 5.0. Does the landscape have the potential to support hydrologic functions of the site?	
S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses or cover that generate excess surface runoff? Yes = 1 No = 0	1

Rating of Landscape Potential If score is: ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

S 6.0. Are the hydrologic functions provided by the site valuable to society?	
S 6.1. Distance to the nearest areas downstream that have flooding problems: The sub-basin immediately down-gradient of site has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2 Surface flooding problems are in a sub-basin farther down-gradient points = 1 No flooding problems anywhere downstream points = 0	2
S 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for S 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WMI-10

These questions apply to wetlands of all HGM classes.	
HABITAT FUNCTIONS - Indicators that site functions to provide important habitat	
H 1.0. Does the site have the potential to provide habitat?	
H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	0
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	0
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 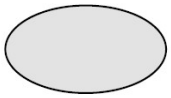 **None** = 0 points 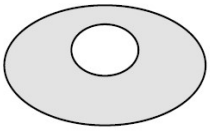 **Low** = 1 point 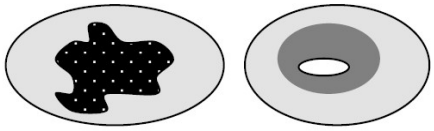 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 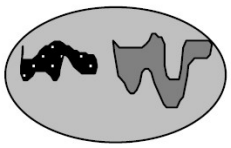 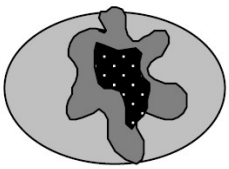 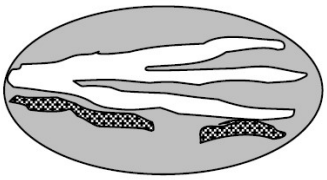	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 35 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 40% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-10

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-11 Date of site visit: 7/10/2023

Rated by Aaron Thom and Shelby Petro Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	H	L	
Value	H	H	M	**Total**
Score Based on Ratings	8	8	4	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-11

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Outlet is a stormdrain in the northeast corner.

Wetland name or number WMI-11

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99, tires	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-11

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☑**6 - 11 = M** ☐**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WMI-11

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 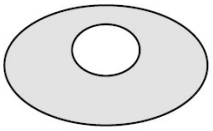 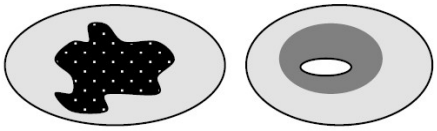 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 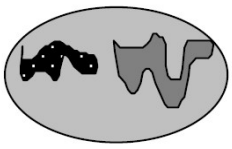 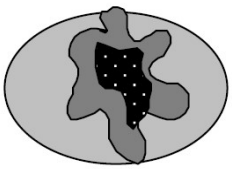 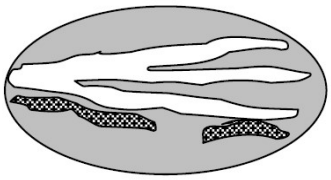	0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (20 % moderate & low intensity land uses / 2) = 35% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-11

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-12 Date of site visit: 7/10/2023

Rated by Aaron Thom and Shelby Petro Trained by Ecology? ☑ Yes ☐ No Date of training Oct-18

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	H	H	M	
Value	H	H	M	**Total**
Score Based on Ratings	8	7	5	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Outlet is a culvert on east side of the wetland.

Wetland name or number WMI-12

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		0
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source Truck parking lot, SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-12

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-12

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

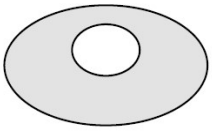

Low = 1 point

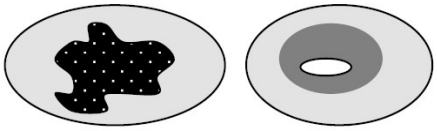

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

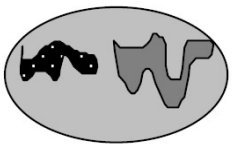

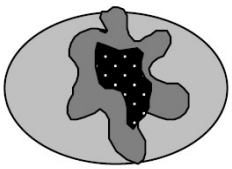

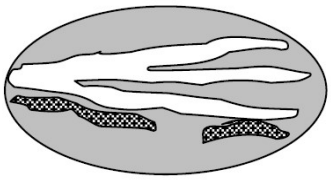

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 10 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 15% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 42.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	2
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**3**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-12

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-13 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	L	L	
Landscape Potential	H	H	M	
Value	H	H	M	**Total**
Score Based on Ratings	8	7	5	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-13

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
This wetland was estimated using aerial imagery.

Wetland name or number WMI-13

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet). points = 3 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet. points = 2 ☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 1 ☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch. points = 1		2
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes): Wetland has persistent, ungrazed, plants > 95% of area points = 5 Wetland has persistent, ungrazed, plants > ½ of area points = 3 Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area points = 1 Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area points = 0		5
D 1.4. Characteristics of seasonal ponding or inundation: *This is the area that is ponded for at least 2 months. See description in manual.* Area seasonally ponded is > ½ total area of wetland points = 4 Area seasonally ponded is > ¼ total area of wetland points = 2 Area seasonally ponded is < ¼ total area of wetland points = 0		0
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-13

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		2
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		0
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☐ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		3
☐ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**5**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WMI-13

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☐ Emergent — 3 structures: points = 2 ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	1
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☐ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☐ Permanently flowing stream or river in, or adjacent to, the wetland ☑ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	1
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 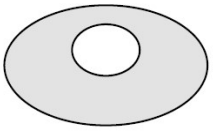 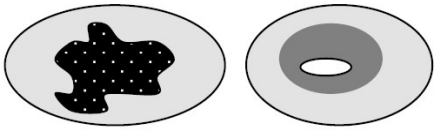 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 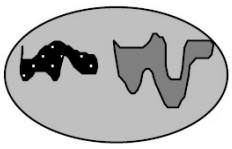 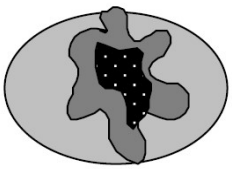 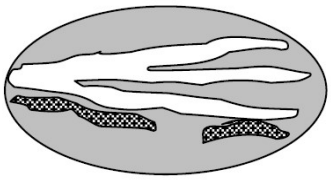	0

Wetland name or number WMI-13

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 20 % undisturbed habitat + (5 % moderate & low intensity land uses / 2) = 22.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	2
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 35 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 42.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**3**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-13

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMI-14 Date of site visit: Remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI / Google Earth Pro

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	H	H	L	
Value	M	H	M	**Total**
Score Based on Ratings	7	9	4	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMI-14

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland boundaries have been estimated using aerial imagery.

Wetland name or number WMI-14

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-14

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		2
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMI-14

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

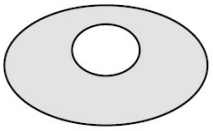

Low = 1 point

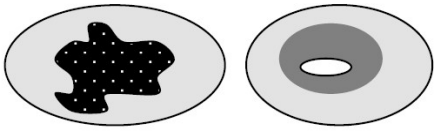

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

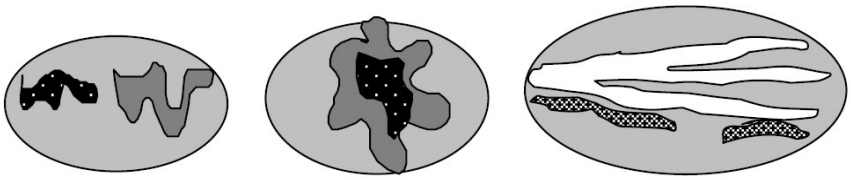

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	2
Total for H 1 — Add the points in the boxes above	**5**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 10 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 10% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 37.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**0**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMI-14

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WMIFW-01 Date of site visit: 6/1/2023

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY I (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

X **Category I** - Total score = 23 - 27
___ **Category II** - Total score = 20 - 22
___ **Category III** - Total score = 16 - 19
___ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	H	L	H	
Landscape Potential	H	H	M	
Value	H	H	H	**Total**
Score Based on Ratings	9	7	8	**24**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WMIFW-01

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☑ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☐ NO - go to 5 ☑ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
Wetland has has depressional, slope and riverine HGM classes.

D3.3: WEST HYLEBOS STORMWATER MANAGEMENT ACTION PLAN (SMAP), Prepared by, Environmental Services City of Federal Way, Public Works Department

Wetland name or number WMIFW-01

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		1
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☑ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	4
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		5
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		2
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	1
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source SR-99 and I-5	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 or 4 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	1
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	1
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	2
Total for D 3	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WMIFW-01

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?	
D 4.1. Characteristics of surface water outflows from the wetland: Wetland is a depression or flat depression with no surface water leaving it (no outlet) points = 4 Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet points = 2 Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch points = 1 Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing points = 0	0
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.* Marks of ponding are 3 ft or more above the surface or bottom of outlet points = 7 Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet points = 5 ☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet points = 3 ☐ The wetland is a "headwater" wetland points = 3 Wetland is flat but has small depressions on the surface that trap water points = 1 Marks of ponding less than 0.5 ft (6 in) points = 0	3
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.* ☐ The area of the basin is less than 10 times the area of the unit points = 5 The area of the basin is 10 to 100 times the area of the unit points = 3 The area of the basin is more than 100 times the area of the unit points = 0 ☐ Entire wetland is in the Flats class points = 5	0
Total for D 4 Add the points in the boxes above	**3**

Rating of Site Potential If score is: ☐**12 - 16 = H** ☐**6 - 11 = M** ☑**0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?	
D 5.1. Does the wetland unit receive stormwater discharges? Yes = 1 No = 0	1
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff? Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)? Yes = 1 No = 0	1
Total for D 5 Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑**3 = H** ☐**1 or 2 = M** ☐**0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?	
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.* The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds): • Flooding occurs in a sub-basin that is immediately down-gradient of unit. points = 2 ☐ • Surface flooding problems are in a sub-basin farther down-gradient. points = 1 ☐ Flooding from groundwater is an issue in the sub-basin. points = 1 ☐ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why points = 0 ☐ There are no problems with flooding downstream of the wetland. points = 0	2
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan? Yes = 2 No = 0	0
Total for D 6 Add the points in the boxes above	**2**

Rating of Value If score is: ☑**2 - 4 = H** ☐**1 = M** ☐**0 = L** *Record the rating on the first page*

Wetland name or number WMIFW-01

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☑ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	3
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	2
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* **None** = 0 points 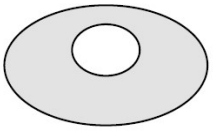 **Low** = 1 point 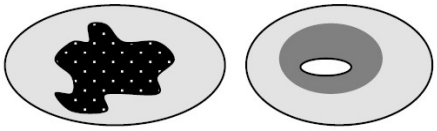 **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 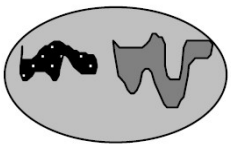 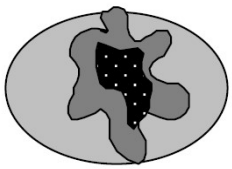 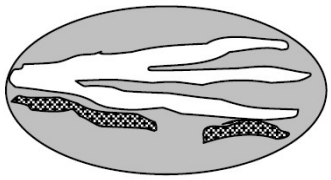	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☑ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	5
Total for H 1 — Add the points in the boxes above	**17**

Rating of Site Potential If Score is: ☑ **15 - 18 = H** ☐ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 8 % undisturbed habitat + (8 % moderate & low intensity land uses / 2) = 12% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	1
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 25 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 32.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	0
Total for H 2 — Add the points in the boxes above	**2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WMIFW-01

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WPCFI-01 Date of site visit: remote

Rated by Amanda Weiss Trained by Ecology? ☑ Yes ☐ No Date of training Oct. 2020

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	H	H	H	**Total**
Score Based on Ratings	8	7	5	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WPCFI-01

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WPCFI-01

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		6
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☑ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**6**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources SR-99	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	1
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	0
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WPCFI-01

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☑ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:		
	> 19 species	points = 2
	5 - 19 species	points = 1
	< 5 species	points = 0

1

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

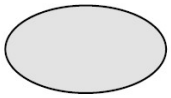

None = 0 points

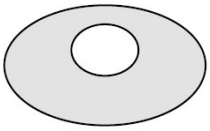

Low = 1 point

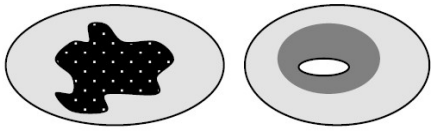

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

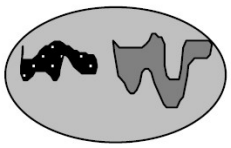

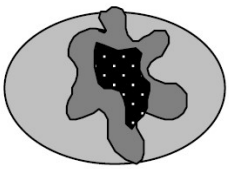

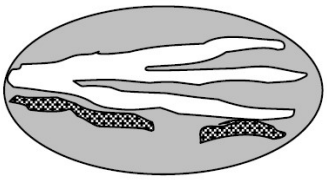

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 Add the points in the boxes above	**4**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 0.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 15 % undisturbed habitat + (10 % moderate & low intensity land uses / 2) = 20% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	-2
Total for H 2 Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WPCFI-01

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☑ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☑ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☑ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☑ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☑ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WPCFI-02 Date of site visit: 2/12/2020

Rated by J. Wozniak, A. Hoenig Trained by Ecology? ☑ Yes ☐ No Date of training 2015

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	H	L	
Value	M	H	H	**Total**
Score Based on Ratings	7	8	6	**21**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		2
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**10**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources SR-99	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**3**

Rating of Landscape Potential If score is: ☑ **3 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 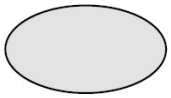 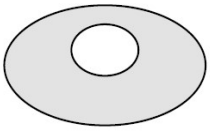 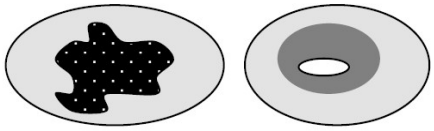 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 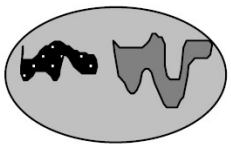 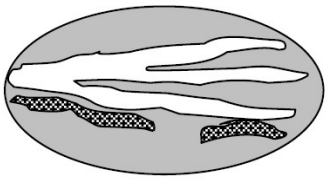	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	3
Total for H 1 — Add the points in the boxes above	**13**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 3 % undisturbed habitat + (3 % moderate & low intensity land uses / 2) = 4.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 10 % undisturbed habitat + (15 % moderate & low intensity land uses / 2) = 17.5% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☑ It has 3 or more priority habitats within 100 m (see next page) ☑ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☑ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☑ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	2

Rating of Value If Score is: ☑ **2 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☑ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WPCMIFI-01 Date of site visit: 2/10/2020

Rated by Josh Wozniak Trained by Ecology? ☑ Yes ☐ No Date of training 2015

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☑ Yes ☐ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY II (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
X **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	M	
Landscape Potential	H	M	M	
Value	M	H	M	**Total**
Score Based on Ratings	7	7	6	**20**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WPCMIFI-01

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it. Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☐ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☑ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:
The wetland contains slope and riverine HGM classes.

Wetland name or number WPCMIFI-01

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	0
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5, SR-99	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**5**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	0
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	0
Total for R 3	Add the points in the boxes above	**1**

Rating of Value If score is: ☐ **2 - 4 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		2
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^{1}/_{3}$ area OR emergent plants > $^{2}/_{3}$ area	points = 7	
Forest or shrub for > $^{1}/_{10}$ area OR emergent plants > $^{1}/_{3}$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**9**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	0
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	1
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WPCMIFI-01

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.* ☐ Aquatic bed — 4 structures or more: points = 4 ☑ Emergent — 3 structures: points = 2 ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1 ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0 *If the unit has a Forested class, check if*: ☑ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon	4
H 1.2. Hydroperiods Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*). ☐ Permanently flooded or inundated — 4 or more types present: points = 3 ☑ Seasonally flooded or inundated — 3 types present: points = 2 ☐ Occasionally flooded or inundated — 2 types present: points = 1 ☑ Saturated only — 1 types present: points = 0 ☑ Permanently flowing stream or river in, or adjacent to, the wetland ☐ Seasonally flowing stream in, or adjacent to, the wetland ☐ **Lake Fringe wetland** — **2 points** ☐ **Freshwater tidal wetland** — **2 points**	2
H 1.3. Richness of plant species Count the number of plant species in the wetland that cover at least 10 ft^2. *Different patches of the same species can be combined to meet the size threshold and you do not have to name the species.* ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle*** If you counted: > 19 species — points = 2 5 - 19 species — points = 1 < 5 species — points = 0	1
H 1.4. Interspersion of habitats Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.* 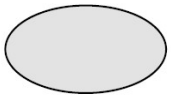 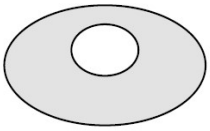 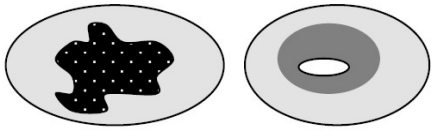 **None** = 0 points — **Low** = 1 point — **Moderate** = 2 points All three diagrams in this row are **HIGH** = 3 points 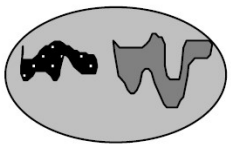 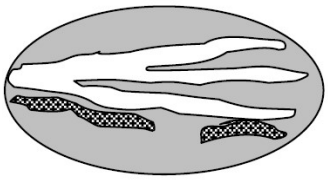	3

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☑ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☑ Standing snags (dbh > 4 in) within the wetland ☑ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☑ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	4
Total for H 1 Add the points in the boxes above	**14**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☑ **7 - 14 = M** ☐ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon points = 3 20 - 33% of 1 km Polygon points = 2 10 - 19% of 1 km Polygon points = 1 < 10 % of 1 km Polygon points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 30 % undisturbed habitat + (25 % moderate & low intensity land uses / 2) = 42.5% Undisturbed habitat > 50% of Polygon points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches points = 2 Undisturbed habitat 10 - 50% and > 3 patches points = 1 Undisturbed habitat < 10% of 1 km Polygon points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use points = (-2) ≤ 50% of 1km Polygon is high intensity points = 0	0
Total for H 2 Add the points in the boxes above	**1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☑ **1 - 3 = M** ☐ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m points = 1 Site does not meet any of the criteria above points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WPCMIFI-01

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WTA-01 Date of site visit: 2/20/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	H	H	M	**Total**
Score Based on Ratings	8	7	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
If your wetland can be classified as a Freshwater Tidal Fringe use the forms for ***Riverine*** *wetlands. If it is Saltwater Tidal Fringe it is an* ***Estuarine*** *wetland and is not scored. This method* ***cannot*** *be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
If your wetland can be classified as a Flats wetland, use the form for ***Depressional*** *wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	1
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources I-5, railroad	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**6**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	1
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	2
Total for R 3	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^1/_3$ area OR emergent plants > $^2/_3$ area	points = 7	
Forest or shrub for > $^1/_{10}$ area OR emergent plants > $^1/_3$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WTA-01

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☑ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

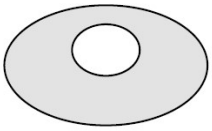

Low = 1 point

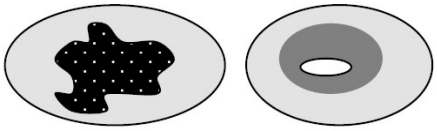

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

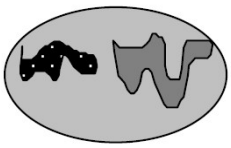

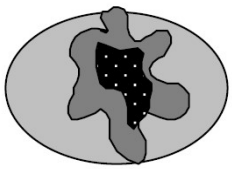

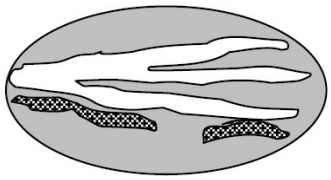

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 1.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 8 % undisturbed habitat + (4 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE****: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☑ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WTA-02 Date of site visit: 2/21/2020

Rated by P. Johnson, I. Lapina Trained by Ecology? ☑ Yes ☐ No Date of training 2014, 2019

HGM Class used for rating Depressional Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY IV (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
_____ **Category III** - Total score = 16 - 19
X **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	H	L	
Landscape Potential	M	M	L	
Value	L	L	L	**Total**
Score Based on Ratings	5	6	3	**14**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☐ The overbank flooding occurs at least once every 2 years.

☑ NO - go to 6 ☐ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☐ NO - go to 7 ☑ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☐ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

Wetland name or number WTA-02

DEPRESSIONAL AND FLATS WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

D 1.0. Does the site have the potential to improve water quality?		
D 1.1. Characteristics of surface water outflows from the wetland:		3
Wetland is a depression or flat depression (QUESTION 7 on key) with no surface water leaving it (no outlet).	points = 3	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet.	points = 2	
☐ Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 1	
☐ Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch.	points = 1	
D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (*use NRCS definitions*).	Yes = 4 No = 0	0
D 1.3. Characteristics and distribution of persistent plants (Emergent, Scrub-shrub, and/or Forested Cowardin classes):		0
Wetland has persistent, ungrazed, plants > 95% of area	points = 5	
Wetland has persistent, ungrazed, plants > ½ of area	points = 3	
Wetland has persistent, ungrazed plants > $^{1}/_{10}$ of area	points = 1	
Wetland has persistent, ungrazed plants < $^{1}/_{10}$ of area	points = 0	
D 1.4. Characteristics of seasonal ponding or inundation:		4
This is the area that is ponded for at least 2 months. See description in manual.		
Area seasonally ponded is > ½ total area of wetland	points = 4	
Area seasonally ponded is > ¼ total area of wetland	points = 2	
Area seasonally ponded is < ¼ total area of wetland	points = 0	
Total for D 1	Add the points in the boxes above	**7**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 2.0. Does the landscape have the potential to support the water quality function of the site?		
D 2.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 2.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
D 2.3. Are there septic systems within 250 ft of the wetland?	Yes = 1 No = 0	0
D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions D 2.1 - D 2.3? Source I-5, trash	Yes = 1 No = 0	1
Total for D 2	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 or 4 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 3.0. Is the water quality improvement provided by the site valuable to society?		
D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, lake, or marine water that is on the 303(d) list?	Yes = 1 No = 0	0
D 3.2. Is the wetland in a basin or sub-basin where an aquatic resource is on the 303(d) list?	Yes = 1 No = 0	0
D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (*answer YES if there is a TMDL for the basin in which the unit is found*)?	Yes = 2 No = 0	0
Total for D 3	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

Wetland name or number WTA-02

DEPRESSIONAL AND FLATS WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and stream degradation

D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. Characteristics of surface water outflows from the wetland:		4
Wetland is a depression or flat depression with no surface water leaving it (no outlet)	points = 4	
Wetland has an intermittently flowing stream or ditch, OR highly constricted permanently flowing outlet	points = 2	
Wetland is a flat depression (QUESTION 7 on key), whose outlet is a permanently flowing ditch	points = 1	
Wetland has an unconstricted, or slightly constricted, surface outlet that is permanently flowing	points = 0	
D 4.2. Depth of storage during wet periods: *Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or if dry, the deepest part.*		3
Marks of ponding are 3 ft or more above the surface or bottom of outlet	points = 7	
Marks of ponding between 2 ft to < 3 ft from surface or bottom of outlet	points = 5	
☑ Marks are at least 0.5 ft to < 2 ft from surface or bottom of outlet	points = 3	
☐ The wetland is a "headwater" wetland	points = 3	
Wetland is flat but has small depressions on the surface that trap water	points = 1	
Marks of ponding less than 0.5 ft (6 in)	points = 0	
D 4.3. Contribution of the wetland to storage in the watershed: *Estimate the ratio of the area of upstream basin contributing surface water to the wetland to the area of the wetland unit itself.*		5
☑ The area of the basin is less than 10 times the area of the unit	points = 5	
The area of the basin is 10 to 100 times the area of the unit	points = 3	
The area of the basin is more than 100 times the area of the unit	points = 0	
☐ Entire wetland is in the Flats class	points = 5	
Total for D 4	Add the points in the boxes above	**12**

Rating of Site Potential If score is: ☑ **12 - 16 = H** ☐ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

D 5.0. Does the landscape have the potential to support hydrologic function of the site?		
D 5.1. Does the wetland unit receive stormwater discharges?	Yes = 1 No = 0	0
D 5.2. Is > 10% of the area within 150 ft of the wetland in land uses that generate excess runoff?	Yes = 1 No = 0	1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses (residential at >1 residence/ac, urban, commercial, agriculture, etc.)?	Yes = 1 No = 0	1
Total for D 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. The unit is in a landscape that has flooding problems. *Choose the description that best matches conditions around the wetland unit being rated. Do not add points. Choose the highest score if more than one condition is met.*		0
The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds):		
• Flooding occurs in a sub-basin that is immediately down-gradient of unit.	points = 2	
☐ • Surface flooding problems are in a sub-basin farther down-gradient.	points = 1	
☐ Flooding from groundwater is an issue in the sub-basin.	points = 1	
☑ The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. Explain why	points = 0	
☐ There are no problems with flooding downstream of the wetland.	points = 0	
D 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for D 6	Add the points in the boxes above	**0**

Rating of Value If score is: ☐ **2 - 4 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

Wetland name or number WTA-02

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☑ Emergent — 3 structures: points = 2
- ☐ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☑ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

1

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☑ Seasonally flooded or inundated — 3 types present: points = 2
- ☐ Occasionally flooded or inundated — 2 types present: points = 1
- ☑ Saturated only — 1 types present: points = 0
- ☐ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

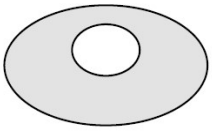

Low = 1 point

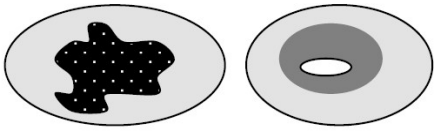

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

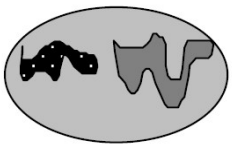

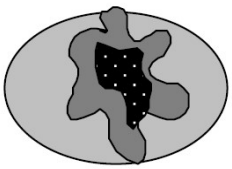

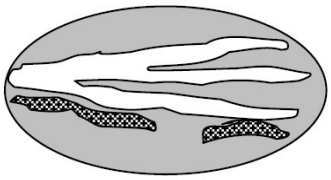

1

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**3**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 0 % undisturbed habitat + (0 % moderate & low intensity land uses / 2) = 0% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 0 % undisturbed habitat + (8 % moderate & low intensity land uses / 2) = 4% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	0
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-2**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	0

Rating of Value If Score is: ☐ **2 = H** ☐ **1 = M** ☑ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☐ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☐ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WTA-02

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	**Category**
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☐ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☐ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WTA-03 Date of site visit: 2/20/2020

Rated by P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map _____

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	H	H	M	**Total**
Score Based on Ratings	8	7	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	1
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4?		1
Other Sources I-5, railroad	Yes = 1 No = 0	
Total for R 2	Add the points in the boxes above	**6**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	1
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	2
Total for R 3	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^1/_3$ area OR emergent plants > $^2/_3$ area	points = 7	
Forest or shrub for > $^1/_{10}$ area OR emergent plants > $^1/_3$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score is: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WTA-03

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☑ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

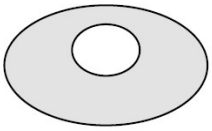

Low = 1 point

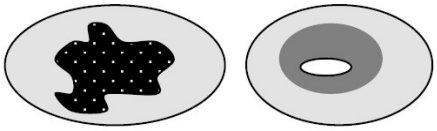

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

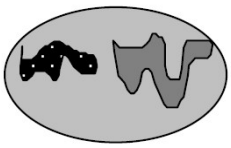

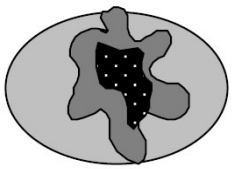

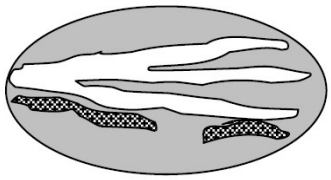

0

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 1.5% If total accessible habitat is: > $^{1}/_{3}$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 8 % undisturbed habitat + (4 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WTA-03

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☑ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

RATING SUMMARY – Western Washington

Name of wetland (or ID #): WTA-04 Date of site visit: 2/20/2020

Rated by J. Wozniak, P. Johnson Trained by Ecology? ☑ Yes ☐ No Date of training Jun-14

HGM Class used for rating Riverine Wetland has multiple HGM classes? ☐ Yes ☑ No

NOTE: Form is not complete with out the figures requested (*figures can be combined*).
Source of base aerial photo/map ESRI

OVERALL WETLAND CATEGORY III (based on functions ☑ or special characteristics ☐)

1. Category of wetland based on FUNCTIONS

_____ **Category I** - Total score = 23 - 27
_____ **Category II** - Total score = 20 - 22
X **Category III** - Total score = 16 - 19
_____ **Category IV** - Total score = 9 - 15

FUNCTION	Improving Water Quality	Hydrologic	Habitat	
	List appropriate rating (H, M, L)			
Site Potential	M	M	L	
Landscape Potential	H	M	L	
Value	H	H	M	**Total**
Score Based on Ratings	8	7	4	**19**

Score for each function based on three ratings (*order of ratings is not important*)

9 = H, H, H
8 = H, H, M
7 = H, H, L
7 = H, M, M
6 = H, M, L
6 = M, M, M
5 = H, L, L
5 = M, M, L
4 = M, L, L
3 = L, L, L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	Category
Estuarine	
Wetland of High Conservation Value	
Bog	
Mature Forest	
Old Growth Forest	
Coastal Lagoon	
Interdunal	
None of the above	**X**

Wetland name or number WTA-04

Maps and Figures required to answer questions correctly for Western Washington

Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	D 1.3, H 1.1, H 1.4	
Hydroperiods	D 1.4, H 1.2	
Location of outlet (*can be added to map of hydroperiods*)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	D 2.2, D 5.2	
Map of the contributing basin	D 4.3, D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	R 2.4	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of unit vs. width of stream (*can be added to another figure*)	R 4.1	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	L 1.1, L 4.1, H 1.1, H 1.4	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes	H 1.1, H 1.4	
Hydroperiods	H 1.2	
Plant cover of **dense** trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of **dense, rigid** trees, shrubs, and herbaceous plants (*can be added to another figure*)	S 4.1	
Boundary of area within 150 ft of the wetland (*can be added to another figure*)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which unit is found (from web)	S 3.3	

HGM Classification of Wetland in Western Washington

For questions 1 -7, the criteria described must apply to the entire unit being rated.
If hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1 - 7 apply, and go to Question 8.

1. Are the water levels in the entire unit usually controlled by tides except during floods?

☑ NO - go to 2 ☐ **YES** - the wetland class is **Tidal Fringe** - go to 1.1

1.1 Is the salinity of the water during periods of annual low flow below 0.5 ppt (parts per thousand)?

☐ **NO - Saltwater Tidal Fringe (Estuarine)** ☐ **YES - Freshwater Tidal Fringe**
*If your wetland can be classified as a Freshwater Tidal Fringe use the forms for **Riverine** wetlands. If it is Saltwater Tidal Fringe it is an **Estuarine** wetland and is not scored. This method **cannot** be used to score functions for estuarine wetlands.*

2. The entire wetland unit is flat and precipitation is the only source (>90%) of water to it.
Groundwater and surface water runoff are NOT sources of water to the unit.

☑ NO - go to 3 ☐ **YES** - The wetland class is **Flats**
*If your wetland can be classified as a Flats wetland, use the form for **Depressional** wetlands.*

3. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The vegetated part of the wetland is on the shores of a body of permanent open water (without any plants on the surface at any time of the year) at least 20 ac (8 ha) in size;
- ☐ At least 30% of the open water area is deeper than 6.6 ft (2 m).

☑ NO - go to 4 ☐ **YES** - The wetland class is **Lake Fringe** (Lacustrine Fringe)

4. Does the entire wetland unit **meet all** of the following criteria?
- ☐ The wetland is on a slope (*slope can be very gradual*),
- ☐ The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks.
- ☐ The water leaves the wetland **without being impounded.**

☑ NO - go to 5 ☐ **YES** - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 ft deep).

5. Does the entire wetland unit **meet all** of the following criteria?
- ☑ The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river,
- ☑ The overbank flooding occurs at least once every 2 years.

☐ NO - go to 6 ☑ **YES** - The wetland class is **Riverine**

NOTE: The Riverine unit can contain depressions that are filled with water when the river is not flooding.

6. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year? *This means that any outlet, if present, is higher than the interior of the wetland.*

☑ NO - go to 7 ☐ **YES** - The wetland class is **Depressional**

7. Is the entire wetland unit located in a very flat area with no obvious depression and no overbank flooding? The unit does not pond surface water more than a few inches. The unit seems to be maintained by high groundwater in the area. The wetland may be ditched, but has no obvious natural outlet.

☑ NO - go to 8 ☐ **YES** - The wetland class is **Depressional**

8. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-7 APPLY TO DIFFERENT AREAS IN THE UNIT (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM class to use in rating
Slope + Riverine	Riverine
Slope + Depressional	Depressional
Slope + Lake Fringe	Lake Fringe
Depressional + Riverine along stream within boundary of depression	Depressional
Depressional + Lake Fringe	Depressional
Riverine + Lake Fringe	Riverine
Salt Water Tidal Fringe and any other class of freshwater wetland	Treat as ESTUARINE

If you are still unable to determine which of the above criteria apply to your wetland, or if you have ***more than 2 HGM classes*** *within a wetland boundary, classify the wetland as Depressional for the rating.*

NOTES and FIELD OBSERVATIONS:

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Water Quality Functions - Indicators that the site functions to improve water quality

R 1.0. Does the site have the potential to improve water quality?		
R 1.1. Area of surface depressions within the Riverine wetland that can trap sediments during a flooding event:		0
Depressions cover > $^3/_4$ area of wetland	points = 8	
Depressions cover > ½ area of wetland	points = 4	
Depressions present but cover < ½ area of wetland	points = 2	
No depressions present	points = 0	
R 1.2. Structure of plants in the wetland (areas with >90% cover at person height, **not** Cowardin classes)		8
Trees or shrubs > $^2/_3$ area of the wetland	points = 8	
☐ Trees or shrubs > $^1/_3$ area of the wetland	points = 6	
☐ Herbaceous plants (> 6 in high) > $^2/_3$ area of the wetland	points = 6	
Herbaceous plants (> 6 in high) > $^1/_3$ area of the wetland	points = 3	
Trees, shrubs, and ungrazed herbaceous < $^1/_3$ area of the wetland	points = 0	
Total for R 1	Add the points in the boxes above	**8**

Rating of Site Potential If score is: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 2.0. Does the landscape have the potential to support the water quality function of the site?		
R 2.1. Is the wetland within an incorporated city or within its UGA?	Yes = 2 No = 0	2
R 2.2. Does the contributing basin to the wetland include a UGA or incorporated area?	Yes = 1 No = 0	1
R 2.3. Does at least 10% of the contributing basin contain tilled fields, pastures, or forests that have been clearcut within the last 5 years?	Yes = 1 No = 0	1
R 2.4. Is > 10% of the area within 150 ft of the wetland in land uses that generate pollutants?	Yes = 1 No = 0	1
R 2.5. Are there other sources of pollutants coming into the wetland that are not listed in questions R 2.1 - R 2.4? Other Sources I-5	Yes = 1 No = 0	1
Total for R 2	Add the points in the boxes above	**6**

Rating of Landscape Potential If score is: ☑ **3 - 6 = H** ☐ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 3.0. Is the water quality improvement provided by the site valuable to society?		
R 3.1. Is the wetland along a stream or river that is on the 303(d) list or on a tributary that drains to one within 1 mi?	Yes = 1 No = 0	1
R 3.2. Is the wetland along a stream or river that has TMDL limits for nutrients, toxics, or pathogens?	Yes = 1 No = 0	1
R 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality? (*answer YES if there is a TMDL for the drainage in which the unit is found*)	Yes = 2 No = 0	2
Total for R 3	Add the points in the boxes above	**4**

Rating of Value If score is: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

RIVERINE AND FRESHWATER TIDAL FRINGE WETLANDS

Hydrologic Functions - Indicators that site functions to reduce flooding and stream erosion

R 4.0. Does the site have the potential to reduce flooding and erosion?		
R 4.1. Characteristics of the overbank storage the wetland provides: *Estimate the average width of the wetland perpendicular to the direction of the flow and the width of the stream or river channel (distance between banks). Calculate the ratio: (average width of wetland)/(average width of stream between banks).*		1
If the ratio is more than 20	points = 9	
If the ratio is 10 - 20	points = 6	
If the ratio is 5 - < 10	points = 4	
If the ratio is 1 - < 5	points = 2	
If the ratio is < 1	points = 1	
R 4.2. Characteristics of plants that slow down water velocities during floods: *Treat large woody debris as forest or shrub. Choose the points appropriate for the best description (polygons need to have >90% cover at person height. These are NOT Cowardin classes*).		7
Forest or shrub for > $^1/_3$ area OR emergent plants > $^2/_3$ area	points = 7	
Forest or shrub for > $^1/_{10}$ area OR emergent plants > $^1/_3$ area	points = 4	
Plants do not meet above criteria	points = 0	
Total for R 4	Add the points in the boxes above	**8**

Rating of Site Potential If score: ☐ **12 - 16 = H** ☑ **6 - 11 = M** ☐ **0 - 5 = L** *Record the rating on the first page*

R 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
R 5.1. Is the stream or river adjacent to the wetland downcut?	Yes = 0 No = 1	1
R 5.2. Does the up-gradient watershed include a UGA or incorporated area?	Yes = 1 No = 0	1
R 5.3 Is the up-gradient stream or river controlled by dams?	Yes = 0 No = 1	0
Total for R 5	Add the points in the boxes above	**2**

Rating of Landscape Potential If score: ☐ **3 = H** ☑ **1 or 2 = M** ☐ **0 = L** *Record the rating on the first page*

R 6.0. Are the hydrologic functions provided by the site valuable to society?		
R 6.1. Distance to the nearest areas downstream that have flooding problems? *Choose the description that best fits the site.*		2
The sub-basin immediately down-gradient of the wetland has flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds)	points = 2	
Surface flooding problems are in a sub-basin farther down-gradient	points = 1	
No flooding problems anywhere downstream	points = 0	
R 6.2. Has the site been identified as important for flood storage or flood conveyance in a regional flood control plan?	Yes = 2 No = 0	0
Total for R 6	Add the points in the boxes above	**2**

Rating of Value If score: ☑ **2 - 4 = H** ☐ **1 = M** ☐ **0 = L** *Record the rating on the first page*

Wetland name or number WTA-04

These questions apply to wetlands of all HGM classes.

HABITAT FUNCTIONS - Indicators that site functions to provide important habitat

H 1.0. Does the site have the potential to provide habitat?

H 1.1. Structure of plant community: *Indicators are Cowardin classes and strata within the Forested class.* Check the Cowardin plant classes in the wetland. *Up to 10 patches may be combined for each class to meet the threshold of ¼ ac or more than 10% of the unit if it is smaller than 2.5 ac. Add the number of structures checked.*

- ☐ Aquatic bed — 4 structures or more: points = 4
- ☐ Emergent — 3 structures: points = 2
- ☑ Scrub-shrub (areas where shrubs have > 30% cover) — 2 structures: points - 1
- ☐ Forested (areas where trees have > 30% cover) — 1 structure: points = 0

If the unit has a Forested class, check if:

- ☐ The Forested class has 3 out of 5 strata (canopy, sub-canopy, shrubs, herbaceous, moss/ground-cover) that each cover 20% within the Forested polygon

0

H 1.2. Hydroperiods

Check the types of water regimes (hydroperiods) present within the wetland. The water regime has to cover more than 10% of the wetland or ¼ ac to count (*see text for descriptions of hydroperiods*).

- ☐ Permanently flooded or inundated — 4 or more types present: points = 3
- ☐ Seasonally flooded or inundated — 3 types present: points = 2
- ☑ Occasionally flooded or inundated — 2 types present: points = 1
- ☐ Saturated only — 1 types present: points = 0
- ☑ Permanently flowing stream or river in, or adjacent to, the wetland
- ☐ Seasonally flowing stream in, or adjacent to, the wetland
- ☐ **Lake Fringe wetland** — **2 points**
- ☐ **Freshwater tidal wetland** — **2 points**

1

H 1.3. Richness of plant species

Count the number of plant species in the wetland that cover at least 10 ft^2.
Different patches of the same species can be combined to meet the size threshold and you do not have to name the species. ***Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Canadian thistle***

If you counted:
- > 19 species — points = 2
- 5 - 19 species — points = 1
- < 5 species — points = 0

0

H 1.4. Interspersion of habitats

Decide from the diagrams below whether interspersion among Cowardin plants classes (described in H 1.1), or the classes and unvegetated areas (can include open water or mudflats) is high, moderate, low, or none. *If you have four or more plant classes or three classes and open water, the rating is always high.*

None = 0 points

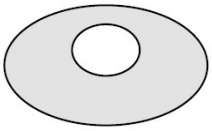

Low = 1 point

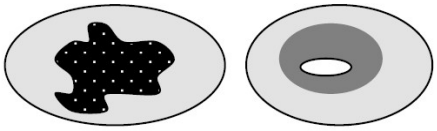

Moderate = 2 points

All three diagrams in this row are **HIGH** = 3 points

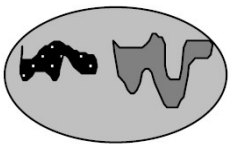

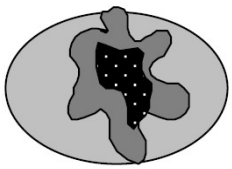

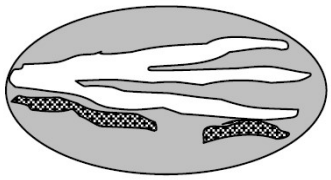

0

Wetland name or number WTA-04

H 1.5. Special habitat features: Check the habitat features that are present in the wetland. *The number of checks is the number of points.* ☐ Large, downed, woody debris within the wetland (> 4 in diameter and 6 ft long) ☐ Standing snags (dbh > 4 in) within the wetland ☐ Undercut banks are present for at least 6.6 ft (2 m) **and/or** overhanging plants extends at least 3.3 ft (1 m) over a stream (or ditch) in, or contiguous with the wetland, for at least 33 ft (10 m) ☐ Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 30 degree slope) OR signs of recent beaver activity are present (*cut shrubs or trees that have not yet weathered where wood is exposed*) ☐ At least ¼ ac of thin-stemmed persistent plants or woody branches are present in areas that are permanently or seasonally inundated (*structures for egg-laying by amphibians*) ☐ Invasive plants cover less than 25% of the wetland area in every stratum of plants (*see H 1.1 for list of strata*)	0
Total for H 1 — Add the points in the boxes above	**1**

Rating of Site Potential If Score is: ☐ **15 - 18 = H** ☐ **7 - 14 = M** ☑ **0 - 6 = L** *Record the rating on the first page*

H 2.0. Does the landscape have the potential to support the habitat function of the site?	
H 2.1 Accessible habitat (include *only habitat that directly abuts wetland unit*). *Calculate:* 1 % undisturbed habitat + (1 % moderate & low intensity land uses / 2) = 1.5% If total accessible habitat is: > $^1/_3$ (33.3%) of 1 km Polygon — points = 3 20 - 33% of 1 km Polygon — points = 2 10 - 19% of 1 km Polygon — points = 1 < 10 % of 1 km Polygon — points = 0	0
H 2.2. Undisturbed habitat in 1 km Polygon around the wetland. *Calculate:* 8 % undisturbed habitat + (4 % moderate & low intensity land uses / 2) = 10% Undisturbed habitat > 50% of Polygon — points = 3 Undisturbed habitat 10 - 50% and in 1-3 patches — points = 2 Undisturbed habitat 10 - 50% and > 3 patches — points = 1 Undisturbed habitat < 10% of 1 km Polygon — points = 0	1
H 2.3 Land use intensity in 1 km Polygon: If > 50% of 1 km Polygon is high intensity land use — points = (-2) ≤ 50% of 1km Polygon is high intensity — points = 0	-2
Total for H 2 — Add the points in the boxes above	**-1**

Rating of Landscape Potential If Score is: ☐ **4 - 6 = H** ☐ **1 - 3 = M** ☑ **< 1 = L** *Record the rating on the first page*

H 3.0. Is the habitat provided by the site valuable to society?	
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? *Choose only the highest score that applies to the wetland being rated*. Site meets ANY of the following criteria: — points = 2 ☐ It has 3 or more priority habitats within 100 m (see next page) ☐ It provides habitat for Threatened or Endangered species (any plant or animal on the state or federal lists) ☐ It is mapped as a location for an individual WDFW priority species ☐ It is a Wetland of High Conservation Value as determined by the Department of Natural Resources ☐ It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan Site has 1 or 2 priority habitats (listed on next page) with in 100m — points = 1 Site does not meet any of the criteria above — points = 0	1

Rating of Value If Score is: ☐ **2 = H** ☑ **1 = M** ☐ **0 = L** *Record the rating on the first page*

WDFW Priority Habitats

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp.
http://wdfw.wa.gov/publications/00165/wdfw00165.pdf or access the list from here:
http://wdfw.wa.gov/conservation/phs/list/

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland unit: ***NOTE**: This question is independent of the land use between the wetland unit and the priority habitat.*

- ☐ **Aspen Stands**: Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- ☐ **Biodiversity Areas and Corridors**: Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- ☐ **Herbaceous Balds**: Variable size patches of grass and forbs on shallow soils over bedrock.
- ☐ **Old-growth/Mature forests**: Old-growth west of Cascade crest – Stands of at least 2 tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) > 32 in (81 cm) dbh or > 200 years of age. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west of the Cascade crest.
- ☐ **Oregon White Oak**: Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- ☑ **Riparian**: The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- ☐ **Westside Prairies**: Herbaceous, non-forested plant communities that can either take the form of a dry prairie or a wet prairie (*full descriptions in WDFW PHS report p. 161 – see web link above*).
- ☑ **Instream**: The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- ☐ **Nearshore**: Relatively undisturbed nearshore habitats. These include Coastal Nearshore, Open Coast Nearshore, and Puget Sound Nearshore. (*full descriptions of habitats and the definition of relatively undisturbed are in WDFW report – see web link on previous page*).
- ☐ **Caves**: A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- ☐ **Cliffs**: Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- ☐ **Talus**: Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- ☐ **Snags and Logs**: Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 20 in (51 cm) in western Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.

Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

Wetland name or number WTA-04

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Wetland Type *Check off any criteria that apply to the wetland. List the category when the appropriate criteria are met.*	Category
SC 1.0. Estuarine Wetlands Does the wetland meet the following criteria for Estuarine wetlands? ☐ The dominant water regime is tidal, ☐ Vegetated, and ☐ With a salinity greater than 0.5 ppt ☐ Yes - Go to **SC 1.1** ☑ No = **Not an estuarine wetland**	
SC 1.1. Is the wetland within a National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park or Educational, Environmental, or Scientific Reserve designated under WAC 332-30-151? ☐ Yes = **Category I** ☑ No - Go to **SC 1.2**	
SC 1.2. Is the wetland unit at least 1 ac in size and meets at least two of the following three conditions? ☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing, and has less than 10% cover of non-native plant species. (If non-native species are *Spartina*, see page 25) ☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland. ☐ The wetland has at least two of the following features: tidal channels, depressions with open water, or contiguous freshwater wetlands. ☐ Yes = **Category I** ☑ No = **Category II**	
SC 2.0. Wetlands of High Conservation Value (WHCV) SC 2.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? ☑ Yes - Go to **SC 2.2** ☐ No - Go to **SC 2.3** SC 2.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? ☐ Yes = **Category I** ☑ No = **Not WHCV** SC 2.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf ☐ Yes - **Contact WNHP/WDNR and to SC 2.4** ☐ No = **Not WHCV** SC 2.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and listed it on their website? ☐ Yes = **Category I** ☐ No = **Not WHCV**	
SC 3.0. Bogs Does the wetland (or any part of the unit) meet both the criteria for soils and vegetation in bogs? *Use the key below.* ***If you answer YES you will still need to rate the wetland based on its functions***. SC 3.1. Does an area within the wetland unit have organic soil horizons, either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? ☐ Yes - Go to **SC 3.3** ☑ No - Go to **SC 3.2** SC 3.2. Does an area within the wetland unit have organic soils, either peats or mucks, that are less than 16 in deep over bedrock, or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? ☐ Yes - Go to **SC 3.3** ☑ No = **Is not a bog** SC 3.3. Does an area with peats or mucks have more than 70% cover of mosses at ground level, AND at least a 30% cover of plant species listed in Table 4? ☐ Yes = **Is a Category I bog** ☐ No - Go to **SC 3.4** **NOTE**: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 4 are present, the wetland is a bog. SC 3.4. Is an area with peats or mucks forested (> 30% cover) with Sitka spruce, subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 4 provide more than 30% of the cover under the canopy? ☐ Yes = **Is a Category I bog** ☐ No = **Is not a bog**	

SC 4.0. Forested Wetlands

Does the wetland have at least 1 contiguous acre of forest that meets one of these criteria for the WA Department of Fish and Wildlife's forests as priority habitats? ***If you answer YES you will still need to rate the wetland based on its functions.***

☐ **Old-growth forests** (west of Cascade crest): Stands of at least two tree species, forming a multi-layered canopy with occasional small openings; with at least 8 trees/ac (20 trees/ha) that are at least 200 years of age OR have a diameter at breast height (dbh) of 32 in (81 cm) or more.

☐ **Mature forests** (west of the Cascade Crest): Stands where the largest trees are 80- 200 years old OR the species that make up the canopy have an average diameter (dbh) exceeding 21 in (53 cm).

☐ Yes = **Category I** ☑ No = **Not a forested wetland for this section**

SC 5.0. Wetlands in Coastal Lagoons

Does the wetland meet all of the following criteria of a wetland in a coastal lagoon?

☐ The wetland lies in a depression adjacent to marine waters that is wholly or partially separated from marine waters by sandbanks, gravel banks, shingle, or, less frequently, rocks

☐ The lagoon in which the wetland is located contains ponded water that is saline or brackish (> 0.5 ppt) during most of the year in at least a portion of the lagoon (*needs to be measured near the bottom*)

☐ Yes - Go to **SC 5.1** ☑ No = **Not a wetland in a coastal lagoon**

SC 5.1. Does the wetland meet all of the following three conditions?

☐ The wetland is relatively undisturbed (has no diking, ditching, filling, cultivation, grazing), and has less than 20% cover of aggressive, opportunistic plant species (see list of species on p. 100).

☐ At least ¾ of the landward edge of the wetland has a 100 ft buffer of shrub, forest, or un-grazed or un-mowed grassland.

☐ The wetland is larger than $^{1}/_{10}$ ac (4350 ft^2)

☐ Yes = **Category I** ☐ No = **Category II**

SC 6.0. Interdunal Wetlands

Is the wetland west of the 1889 line (also called the Western Boundary of Upland Ownership or WBUO)? ***If you answer yes you will still need to rate the wetland based on its habitat functions.***

In practical terms that means the following geographic areas:

☐ Long Beach Peninsula: Lands west of SR 103

☐ Grayland-Westport: Lands west of SR 105

☐ Ocean Shores-Copalis: Lands west of SR 115 and SR 109

☐ Yes - Go to **SC 6.1** ☑ No = **Not an interdunal wetland for rating**

SC 6.1. Is the wetland 1 ac or larger and scores an 8 or 9 for the habitat functions on the form (rates H,H,H or H,H,M for the three aspects of function)?

☐ Yes = **Category I** ☐ No - Go to **SC 6.2**

SC 6.2. Is the wetland 1 ac or larger, or is it in a mosaic of wetlands that is 1 ac or larger?

☐ Yes = **Category II** ☐ No - Go to **SC 6.3**

SC 6.3. Is the unit between 0.1 and 1 ac, or is it in a mosaic of wetlands that is between 0.1 and 1 ac?

☐ Yes = **Category III** ☐ No = **Category IV**

Category of wetland based on Special Characteristics

If you answered No for all types, enter "Not Applicable" on Summary Form

ATTACHMENT F

Ground Photography

1. Commercial Land Cover Type

2. Residential Land Cover Type

3. Grassland Land Cover Type

4. Invasive Brush Land Cover Type

5. Native Brush Land Cover Type

6. Non-native Forest Land Cover Type

7. Native Forest Land Cover Type

8. River Channel Land Cover Type

9. Stormwater Pond Land Cover Type

10. Forested Wetlands

11. Scrub-shrub Wetlands

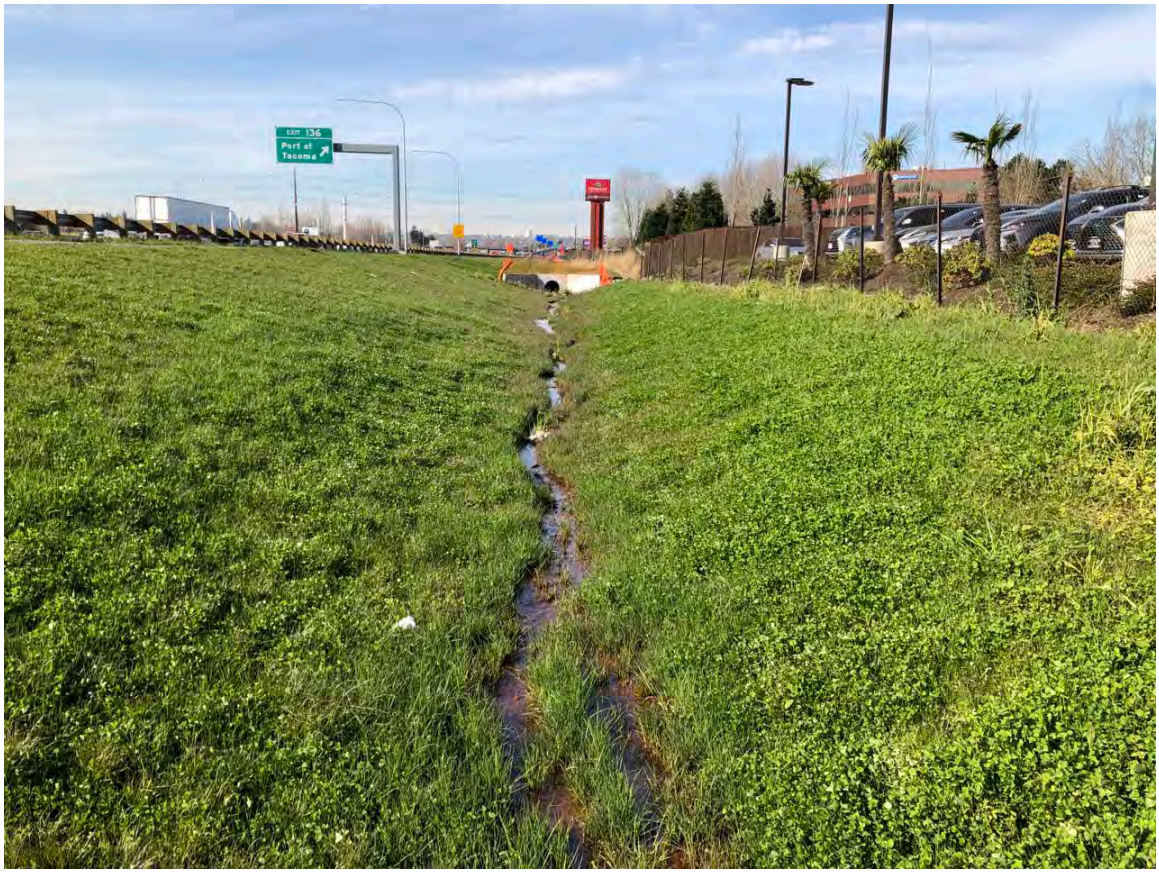

12. Emergent Wetlands

13. East Fork Hylebos Creek Tributary 0016A

14. West Fork Hylebos Creek Tributary 0014C

15. West Fork Hylebos Creek

16. Federal Way Stream 1 (SFW-01)

17. Federal Way Stream 2 (SFW-02)

18. Federal Way Stream 3 (SFW-03)

19. Federal Way Stream 4 (SFW-04)

20. Middle Fork Hylebos Creek

21. Milton Stream 1 (SMI-01)

22. Milton Stream 2 (SMI-02)

23. Hylebos Creek

24. Surprise Lake Creek

25. Fife Ditch Tributary 1

26. Fife Ditch

27. Wapato Creek

28. Erdahl Ditch Tributary 1

29. Erdahl Ditch Tributary 2

30. Puyallup River

ATTACHMENT G

Common and Scientific Names of Animals and Plants

Attachment G Common and Scientific Names of Animals and Plants

Animals

Common Name	Scientific Name
Fish	
Bull Trout	*Salvelinus confluentus*
Chinook Salmon	*Oncorhynchus tshawytscha*
Chum Salmon	*Oncorhynchus keta*
Coastal Cutthroat Trout	*Oncorhynchus clarki clarki*
Coho Salmon	*Oncorhynchus kisutch*
Largescale Sucker	*Catostomus macrocheilus*
Pacific Staghorn Sculpin	*Leptocottus armatus*
Pink Salmon	*Oncorhynchus gorbuscha*
Prickly Sculpin	*Cottus asper*
Sculpin	*Cottus* spp.
Sockeye Salmon	*Oncorhynchus nerka*
Steelhead/Rainbow Trout	*Oncorhynchus mykiss*
Starry Flounder	*Platichthys stellatus*
Threespine Stickleback	*Gasterosteus aculeatus*
Western Brook Lamprey	*Lampetra richardsoni*
Yellow Perch	*Perca flavescens*
Wildlife	
American Crow	*Corvus brachyrhynchos*
American Kestrel	*Falco sparverius*
American Robin	*Turdus migratorius*
Band-tailed Pigeon	*Patagioenas fasciata*
Barn Swallow	*Hirundo rustica*
Barrow's Goldeneye	*Bucephala islandica*
Bewick's Wren	*Thryomanes bewickii*
Big Brown Bat	*Eptesicus fuscus*
Black-capped Chickadee	*Poecile atricapillus*
Brant	*Branta bernicla*
California Sea Lion	*Zalophus californianus*
Cliff Swallow	*Petrochelidon pyrrhonota*
Common Goldeneye	*Bucephala clangula*
Common Loon	*Gavia immer*
Cooper's Hawk	*Accipiter cooperii*
Coyote	*Canis latrans*
Deer (Black-tailed)	*Odocoileus hemionus columbianus*
Eastern Gray Squirrel	*Sciurus carolinensis*
Ensatina	*Ensatina eschscholtzii*
European Starling	*Sturnus vulgaris*
Great Blue Heron	*Ardea herodias*
Great Horned Owl	*Bubo virginianus*
Harbor Seal	*Phoca vitulina*
Hooded Merganser	*Lophodytes cucullatus*
House Sparrow	*Passer domesticus*
Keen's Myotis	*Myotis keenii*
Marbled Murrelet	*Brachyramphus marmoratus*
Meadow Vole	*Microtus pennsylvanicus*
Myotis (Mouse-eared) Bats	*Myotis* spp.
North American Wolverine	*Gulo gulo*
Northern Flicker	*Colaptes auratus*
Oregon Vesper Sparrow	*Pooecetes gramineus affinis*
Osprey	*Pandion haliaetus*
Pileated Woodpecker	*Dryocopus pileatus*
Raccoon	*Procyon lotor*
Red-breasted Nuthatch	*Sitta canadensis*
Red-tailed Hawk	*Buteo jamaicensis*
Rock Pigeon	*Columba livia*
Savannah Sparrow	*Passerculus sandwichensis*
Sharp-shinned Hawk	*Accipiter striatus*
Song Sparrow	*Melospiza melodia*
Spotted Towhee	*Pipilo maculatus*
Steller Sea Lion	*Eumetopias jubatus*
Steller's Jay	*Cyanocitta stelleri*
Streaked Horned Lark	*Eremophila alpestris strigata*
Swallowtail Butterfly	*Papilio* spp.
Taylor's Checkerspot	*Euphydryas editha taylori*
Townsend's Big-eared Bat	*Corynorhinus townsendii*
Townsend's Mole	*Scapanus townsendii*
Trumpeter Swan	*Cygnus buccinator*
Tundra Swan	*Cygnus columbianus*
Vaux's Swift	*Chaetura vauxi*
Virginia Opossum	*Didelphis virginiana*
Voles	*Microtus* spp.
Western Grebe	*Aechmophorus occidentalis*
Western Toad	*Anaxyrus boreas*
White-crowned Sparrow	*Zonotrichia leucophrys*
Wood Duck	*Aix sponsa*
Yellow-billed Cuckoo	*Coccyzus americanus*

Plants

Common Name	Scientific Name[a]
Austrian Pine	*Pinus nigra*
Beaked Hazelnut	*Corylus cornuta*
Bedstraw	*Galium* sp.
Bentgrass	*Agrostis* sp.
Bigleaf Maple	*Acer macrophyllum*
Bird Cherry	*Prunus avium*
Bittersweet Nightshade	*Solanum dulcamara*
Black Cottonwood	*Populus trichocarpa (*syn: *P. balsamifera* ssp. *trichocarpa trichocarpa*[b]*; P. balsamifera*[c])
Bluegrass	*Poa* sp.
Butterfly Bush	*Buddleja davidii*
Cattail	*Typha latifolia*
Coastal Black Gooseberry	*Ribes divaricatum*
Colonial Bentgrass	*Agrostis capillaris*
Common Rush	*Juncus effusus*
Common Snowberry	*Symphoricarpos albus*
Common Velvetgrass	*Holcus lanatus*
Creeping Buttercup	*Ranunculus repens*
Cutleaf Blackberry (also, Evergreen Blackberry)	*Rubus laciniatus*
Douglas-fir	*Pseudotsuga menziesii*
Douglas Spiraea (also, Hardhack, Rose Spiraea)	*Spiraea douglasii*
English Ivy	*Hedera helix*
English Laurel	*Prunus laurocerasus*
European Hawthorn	*Crataegus monogyna*
European Mountain Ash	*Sorbus aucuparia*
Evergreen Huckleberry	*Vaccinium ovatum*
Field Meadow Foxtail	*Alopecurus pratensis*
Giant Horsetail	*Equisetum telmateia*
Golden Paintbrush	*Castilleja levisecta*
Himalayan Blackberry	*Rubus bifrons (*syn: *R. armeniacus*[b, c])
Kentucky Bluegrass	*Poa pratensis*
Knotweed	*Reynoutria japonica*
Lady Fern	*Athyrium filix-femina* ssp. *cyclosorum (*syn: *A. cyclosorum*[c])
Lombardy Poplar	*Populus nigra*
Manna Grass	*Glyceria striata*
Marsh Sandwort	*Arenaria paludicola*
Nootka Rose	*Rosa nootkana*
Oregon Ash	*Fraxinus latifolia*
Osoberry	*Oemleria cerasiformis*
Pacific Ninebark	*Physocarpus capitatus*
Pacific Willow	*Salix lasiandra (*syn: *S. lucida* ssp. *lasiandra*[b])
Red Alder	*Alnus rubra*
Red Elderberry	*Sambucus racemosa*
Red Fescue	*Festuca rubra*
Red-osier Dogwood (also, Red Twig Dogwood	*Cornus occidentalis (*syn: *C. sericea*[b]*, C. alba*[c]*)*
Reed Canarygrass	*Phalaris arundinacea*
Salal	*Gaultheria shallon*
Salmonberry	*Rubus spectabilis*
Scotch Broom	*Cytisus scoparius*
Scouler's Willow	*Salix scouleriana*
Serviceberry	*Amelanchier alnifolia*
Sitka Willow	*Salix sitchensis*
Skunk Cabbage	*Lysichiton americanus*
Slough Sedge	*Carex obnupta*
Small-fruited Bulrush	*Scirpus microcarpus*
Snowberry	*Symphoricarpos albus*
Spotted Jewelweed	*Impatiens capensis*
Stinging Nettle	*Urtica dioica*
Sword Fern	*Polystichum munitum*
Tall Fescue	*Schedonorus arundinaceus*
Twinberry	*Lonicera involucrata*
Two-leaf False Solomon's Seal	*Maianthemum racemosum*
Velvet Grass	*Holcus lanatus*
Vine Maple	*Acer circinatum*
Western Hemlock	*Tsuga heterophylla*
Western Redcedar	*Thuja plicata*
Willow	*Salix sp.*
Yellow-flag Iris	*Iris pseudacorus*

[a] Source: Hitchcock, C., A. Cronquist, J. Janish, J. Rumely, C. Shin, and N. Porcino. 2018. Flora of the Pacific Northwest: An illustrated manual (D. Giblin, B. Legler, P. Zika, and R. Olmstead, eds.). Seattle: University of Washington Press.
[b] USDA (U.S. Department of Agriculture), NRCS (Natural Resources Conservation Service). 2016. The PLANTS database (http://plants.usda.gov, February 14, 2020). National Plant Data Team, Greensboro, NC.
[c] Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. The national wetland plant list: 2016 wetland ratings. Phytoneuron 30: 1-17.

December 2024

Tacoma Dome Link Extension

Draft Environmental Impact Statement

HISTORIC AND ARCHAEOLOGICAL RESOURCES TECHNICAL REPORT

(Redacted)

Appendix J5

SOUNDTRANSIT

U.S. Department of Transportation
Federal Transit Administration

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Attachments

Attachment J5.1	Previous Cultural Resource Investigations and Supplementary 1-Mile Study Area Tables and Maps
Attachment J5.2	Inadvertent Discovery Plan (IDP)
Attachment J5.3	Detailed Historic Period Above Ground Resource Survey Maps
Attachment J5.4	Historic Map and Aerial Photograph Review
Attachment J5.5	Historic Property Inventory Forms
Attachment J5.6	Archaeological Resource Update Forms (Redacted)
Attachment J5.7	Archaeological Survey Overview Maps (Redacted)
Attachment J5.8	Detailed Archaeological Survey Overview Maps (Redacted)
Attachment J5.9	Archaeological Shovel Probe and Auger Core Table
Attachment J5.10	Previously Undocumented Archaeological Resource Forms (Redacted)
Attachment J5.11	Beta Analytic, Inc. Radiocarbon Dating Reports (Redacted)
Attachment J5.12	Correspondence
Attachment J5.13	Draft Programmatic Agreement

Acronyms and Abbreviations

APE	Area of Potential Effects
AMS	accelerator mass spectrometry
ATCRC	Aqua Terra Cultural Resource Consultants
bgs	below ground surface
BP	Before Present
BPA	Bonneville Power Administration
ca.	circa
cal B.P.	Calibrated Years Before Present
CFR	Code of Federal Regulations
cm	centimeters
DAHP	Department of Archaeology and Historic Preservation
DOT	U.S. Department of Transportation
EIS	Environmental Impact Statement
FTA	Federal Transit Administration
GIS	Geographic Information System
GLO	General Lands Office
HBC	Hudson's Bay Company
HPI	Historic Property Inventory
HOV	High Occupancy Vehicle Lane
HRA	Historical Research Associates, Inc.
I-5	Interstate 5
IDP	Inadvertent Discovery Plan
NADB	National Archeological Database
NAGPRA	Native American Graves Protection and Repatriation Act
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NP	Northern Pacific Railroad
NPS	National Park Service
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
OSHA	Occupational Safety and Health Administration
Puyallup Tribe of Indians	Puyallup Tribe of the Puyallup Reservation
RCW	Revised Code of Washington

SF	South Federal Way
SHPO	State Historic Preservation Officer
SOI	Secretary of the Interior
Sound Transit	Central Puget Sound Regional Transit Authority
SR	State Route
St.	Saint
TCP	Traditional Cultural Property
TD	Tacoma Dome
TDLE	Tacoma Dome Link Extension
THPO	Tribal Historic Preservation Officer
TPSS	Traction Power Substations
U.S.	United States
USACE	United States Army Corps of Engineers
USGS	United States Geological Survey
WaDGER	Washington Division of Geology and Earth Resources
WHR	Washington Heritage Register
WISAARD	Washington Information System for Architectural and Archaeological Records Database
WPA	Works Project Administration
WSDOT	Washington State Department of Transportation

1 INTRODUCTION

The proposed Tacoma Dome Link Extension (TDLE) project is an approximately 10-mile light rail extension from just south of the Federal Way Downtown Station in Federal Way to the Tacoma Dome area of Tacoma, Washington. The project is part of the Sound Transit 3 Plan of regional transit system investments, funding for which was approved by voters in the region in 2016. The alternatives to be evaluated in the Environmental Impact Statement (EIS) were identified by the Central Puget Sound Regional Transit Authority (Sound Transit) Board in July 2019 and March 2023. Funding administered by the Federal Transit Administration (FTA) is anticipated for TDLE; as such, Sound Transit and FTA are preparing an EIS. The EIS is a joint National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) document. FTA is the lead federal agency under NEPA and has determined the project is a federal undertaking pursuant to Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations at 36 Code of Federal Regulations (CFR) Part 800 (see additional discussion in Section 2).

FTA, in coordination with Sound Transit and in consultation with the State Historic Preservation Officer (SHPO) and affected Tribes, defined the project area of potential effect (APE) in March 2020 (FTA2020a; DAHP 2020a). The APE was subsequently revised in November 2020 and April 2023 to address project updates, as depicted in Figure 1-1, and it encompasses the proposed alternatives, as illustrated in Figures 1-2 through 1-5 (FTA 2020b; DAHP 2023).

This Historical and Archaeological Resources Technical Report includes background and archival research, context and fieldwork methods for cultural resource investigations, the results of the archaeological and built-environment surveys, and recommendations of effect for each alternative for the project. Archaeological investigations occurred throughout the APE in areas of potential ground disturbance, on both private and public property within the cities of Federal Way, Milton, Fife, and Tacoma, in King and Pierce counties, and within Washington State Department of Transportation (WSDOT) right-of-way. Built-environment survey fieldwork was conducted throughout the APE. The results of the cultural resource investigations are used to inform the alternatives analysis for historic and archaeological resources in the Draft EIS.

In support of this Historical and Archaeological Resources Technical Report, additional information can be found in Attachments J5.1 through J5.13:

- Attachment J5.1 – *Previous Cultural Resource Investigations and Supplementary 1-Mile Study Area Tables and Maps* – This attachment lists the previous cultural resource investigations for each segment in the TDLE corridor. These previous cultural resource investigations are discussed in Section 7.1 below.
- Attachment J5.2 – *Inadvertent Discovery Plan (IDP)* – This attachment contains procedures to follow in the event of unanticipated discovery of cultural resources or human remains.
- Attachment J5.3 – *Detailed Historic Period Above Ground Resource Survey Maps* – This attachment identifies the location of tax parcels included in the built-environment survey.
- Attachment J5.4 – *Historic Map and Aerial Photograph Review* – This attachment contains tables and georeferenced historical maps that cover the APE. These maps are discussed in Section 7.5 below.
- Attachment J5.5 – *Historic Property Inventory Forms* – This attachment includes the built-environment resources in the APE documented on HPI forms in the Department of Archaeology and Historic Preservation (DAHP) WISAARD database.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 1-1
Tacoma Dome Link Extension
Area of Potential Effect (APE)
Tacoma Dome Link Extension

- Attachment J5.6 - *Archaeological Resource Update Forms* – This attachment consists of updates to State of Washington archaeological resource forms for previously documented archaeological sites within the APE.
- Attachment J5.7 – *Archaeological Survey Overview Maps* – This attachment identifies the areas of archaeological survey, including specific field conditions limiting survey coverage and parcels with right-of-entry access.
- Attachment J5.8 – *Detailed Archaeological Survey Overview Maps* – This attachment identifies the areas of archaeological survey, including specific field conditions limiting survey coverage, parcels with right-of-entry access, archaeological resource locations, and specific shovel probe and shovel probe/auger core number designations.
- Attachment J5.9 – *Archaeological Shovel Probe and Auger Core Table* – This attachment provides details of each shovel probe and shovel probe/auger core excavations, including sediment descriptions and identified cultural material.
- Attachment J5.10 – *Archaeological Resource Forms* – This attachment consists of the State of Washington archaeological resource forms for sites and isolates identified during the archaeological survey.
- Attachment J5.11 – *Beta Analytic, Inc. Radiocarbon Dating Reports* – This attachment contains the radiocarbon dating information from geoarchaeological boring samples.
- Attachment J5.12 – *Correspondence* – This attachment includes the correspondence with Tribes and SHPO for TDLE.
- Attachment J5.13 – *Draft Programmatic Agreement* – This attachment sets out the procedure for consultation, review, and compliance. Mitigation for impacts to historic and archaeological resources are in the early stages of coordination and will be further developed and documented during preparation of the Final EIS in coordination with SHPO, Tribes, and consulting parties.

1.1 Project Description

TDLE would expand the regional light rail system south from the Federal Way Downtown Station, which is the terminus of the Federal Way Link Extension opening in 2025–2026, to the Tacoma Dome area near the existing Tacoma Dome Station. The alternatives under consideration for TDLE are shown in Figures 1-2 through 1-5 and discussed in detail in Chapter 2, Alternatives Considered, of the Draft EIS. A brief overview is provided below for the purposes of this technical report.

Project elements include:

- Approximately 10 miles of new dedicated guideway. Most of the guideway would be elevated, and there would be no at-grade vehicle or pedestrian crossings. The guideway extends across ancestral and reservation lands of the Puyallup Tribe of the Puyallup Reservation (Puyallup Tribe of Indians), as well as the cities of Federal Way, Milton, Fife, and Tacoma, and unincorporated Pierce County.
- New stations in South Federal Way and Fife, and two in Tacoma (one near E Portland Avenue and one near the Tacoma Dome area).
- A new rail-only fixed-span bridge crossing the Puyallup River.
- New parking facilities with approximately 500 stalls each at the stations in South Federal Way and Fife in either surface or garage park-and-ride configurations.

The project would also include construction of multiple traction power substations (TPSS), emergency access spaces, stormwater management features, and various infrastructure realignments and upgrades. These alternatives are described by segment: Federal Way, South Federal Way, Fife, and Tacoma.

1.1.1 Federal Way Segment

In the Federal Way Segment (FW), there is one build alternative, the FW Enchanted Parkway Alternative and one design option, the FW Design Option (Figure 1-2). The FW Enchanted Parkway Alternative would begin at the terminus of the Federal Way Link Extension, curve east at S 324th Street to Interstate 5 (I-5), and parallel I-5 to S 344th Street. This alignment is part of the Preferred Alternative. The FW Design Option would modify the guideway curve near S 324th Street to accommodate slightly higher speeds through this section.

As described in Chapter 2 of the Draft EIS, the Sound Transit Operations and Maintenance Facility South (OMF South), a separate planned project, is planned to be located in this segment. OMF South includes the same 1.4-mile portion of guideway from the Federal Way Downtown Station to S 344th Street as the alternatives in the TDLE Federal Way Segment. Project development and environmental review for the OMF South and TDLE projects began concurrently; however, OMF South recently completed environmental review. In June 2024, FTA and Sound Transit issued the OMF South Final EIS, and the Sound Transit Board selected to build the Preferred South 336th Street Alternative. FTA issued the OMF South Record of Decision in August 2024. Based on the Sound Transit Board action, the 1.4-mile portion of guideway is planned to be constructed as part of the OMF South project. Due to the timing of the OMF South Board action in relation to the writing of this TDLE Draft EIS, construction impacts for this portion of track are included in the TDLE Draft EIS.

1.1.2 South Federal Way Segment

In the South Federal Way Segment, there are four build alternatives: South Federal Way (SF) Enchanted Parkway, SF I-5, SF 99-West, and SF 99-East alternatives (Figure 1-3). Additionally, there is one alignment design option, the Porter Way Design Option, that can be paired with either the SF 99-West or SF 99-East alternatives.

The SF Enchanted Parkway Alternative begins at S 344th Street on west side of I-5 before heading southwest toward Enchanted Parkway S to an elevated station located on the northwest corner of Enchanted Parkway S and S 352nd Street. A station design option to span S 352nd Street is also under consideration. The SF Enchanted Parkway Alternative continues to travel south until the alignment reaches I-5, where it continues south along the west side of I-5 to the Fife city limits.

The SF I-5 Alternative begins at S 344th Street and follows the west side of I-5 to the elevated SF I-5 Station located adjacent to I-5 south of S 356th Street. The alignment continues south along the west side of I-5 to the Fife city limits.

The SF 99-West and SF 99-East alternatives would begin at S 344th Street on the west side of I-5. Both alternatives would then head southwest toward Enchanted Parkway S to an elevated station. The station for the SF 99-West Alternative would be located on the northwest corner of Enchanted Parkway S and S 352nd Street (SF 99-Enchanted Station). The station for the SF 99-East Alternative would be located on the northwest corner of Enchanted Parkway S and S 352nd Street (SF 99-Enchanted Station). South of the station both alternatives would curve to parallel Pacific Highway. The SF 99-West Alternative would follow the west side of the roadway to Birch Street. The SF 99-East Alternative would follow the east side of the roadway to S 373rd Street where it would enter and travel in the median of Pacific Highway to Birch Street. Just south of

Birch Street both alternatives would cross to the east side of Pacific Highway and parallel the west side of I-5 just south of Porter Way before curving back to Pacific Highway near the Fife city limits.

The Porter Way Design Option could be paired with either the SF 99-West or SF 99-East alternatives (Figure 1-3). This design option would curve further east to minimize impacts to tribally owned parcels, but shift the alignment closer to the west fork of Hylebos Creek.

Approximately 500 parking spaces would be provided in a garage and/or surface lot at the station location selected.

1.1.3 Fife Segment

In the Fife Segment, the three build alternatives include the Fife Pacific Highway, Fife Pacific Highway Median (Fife Median), and Fife I-5 alternatives (Figure 1-4). These alternatives have two common sections that are identified as part of the Preferred Alternative. The first is from the Fife city limits near Wapato Way to 54th Avenue E, and the second is from near the Port of Tacoma Road to the Fife/Tacoma city limits. A preferred alternative has not been identified between 54th Avenue E and the Port of Tacoma Road vicinity. The Sound Transit Board is anticipated to identify a Preferred Alternative following publication of the Draft EIS.

From the Fife city limits near Wapato Way E, all alternatives curve northwest to travel parallel to and just north of 15th Street E between 62nd Avenue E and 54th Avenue E. The preferred Fife Station location is to the west of 59th Avenue E. Between 54th Avenue E and the Port of Tacoma Road area, the Fife I-5 Alternative would continue southwest from the station along the north side of I-5. The Fife Pacific Highway Alternative would continue west-southwest from the station until it crosses Pacific Highway E and continues west along the south side of Pacific Highway E, whereas the Fife Median Alternative would continue along the median of Pacific Highway E. West of the Port of Tacoma Road, all alternatives would curve south of Pacific Highway E to run parallel with the north side of I-5 toward the Fife/Tacoma city limits.

Two design options, the 54th Avenue Design Option and 54th Span Design Option, could be paired with each of the Fife Segment alternatives. Both the design options would shift the guideway slightly south towards Pacific Highway or I-5 to accommodate the station option locations. The 54th Avenue Design Option would locate a station on the west side of 54th Avenue E, south of 12th Street E. The 54th Span Design Option would locate the station platform to span over 54th Avenue E between 12th Street E and 15th Street E (Figure 1-4).

Approximately 500 parking spaces would be provided by a garage and/or a surface lot at the station location selected.

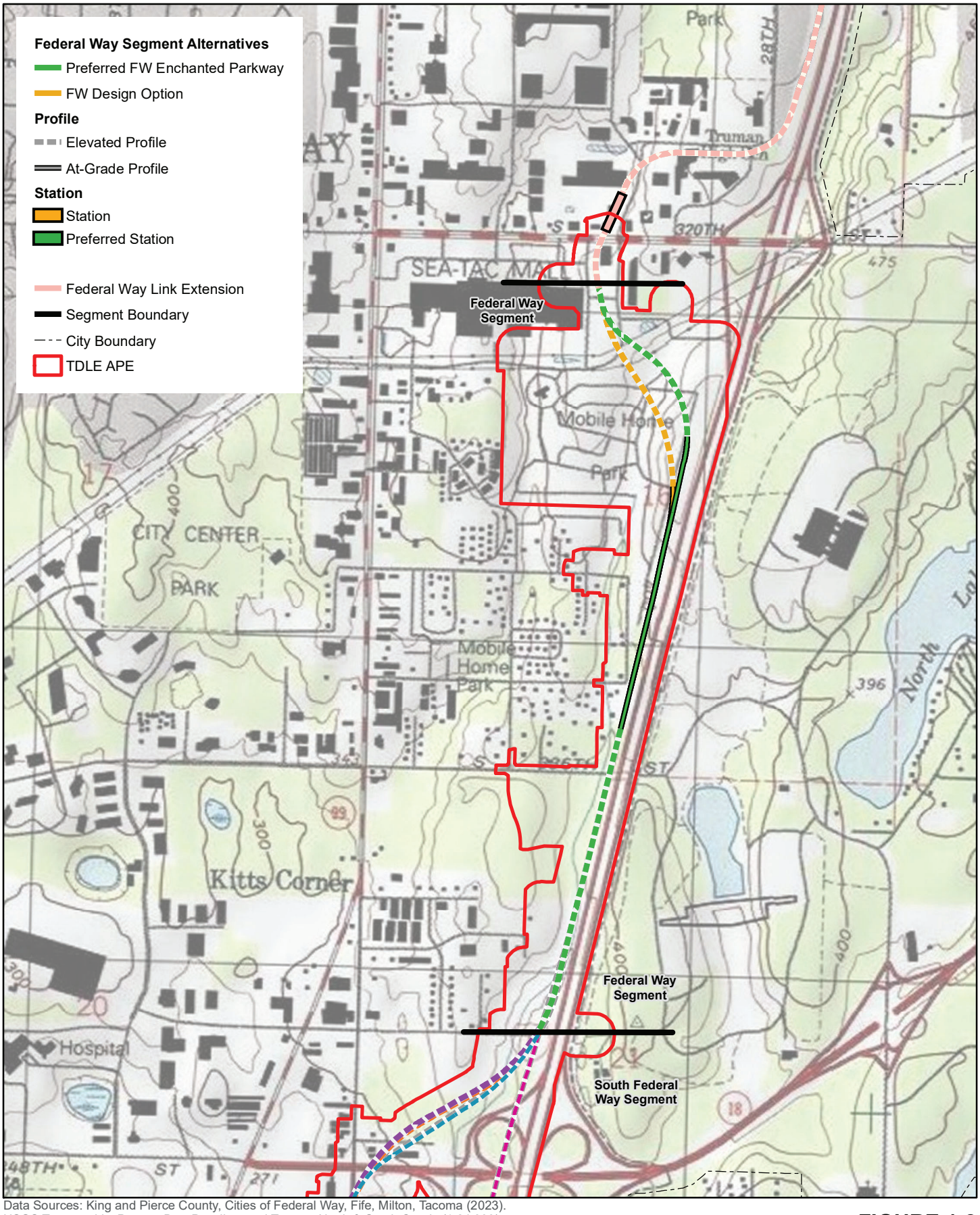

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-2
Alternatives
Federal Way Segment

Tacoma Dome Link Extension

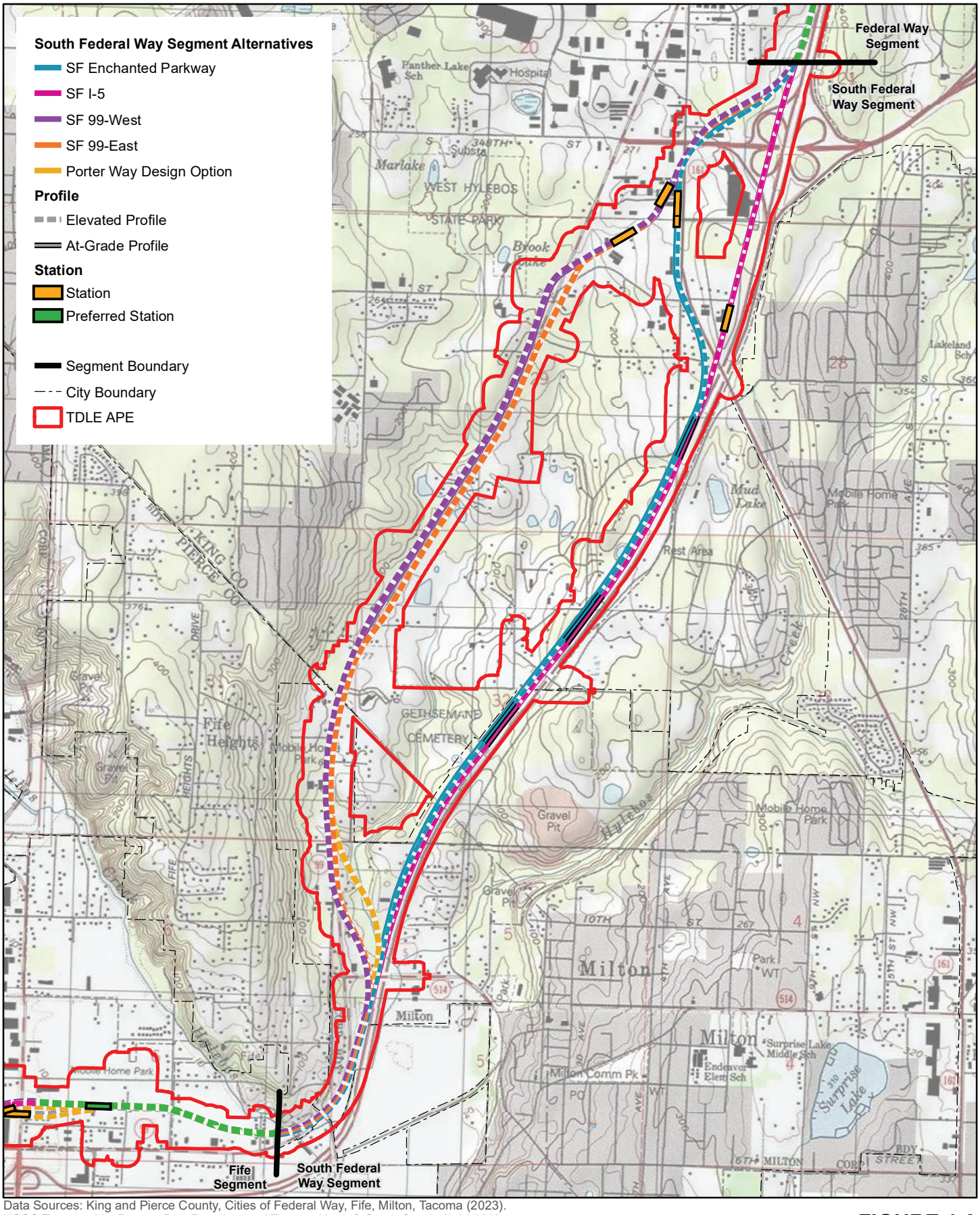

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-3
Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

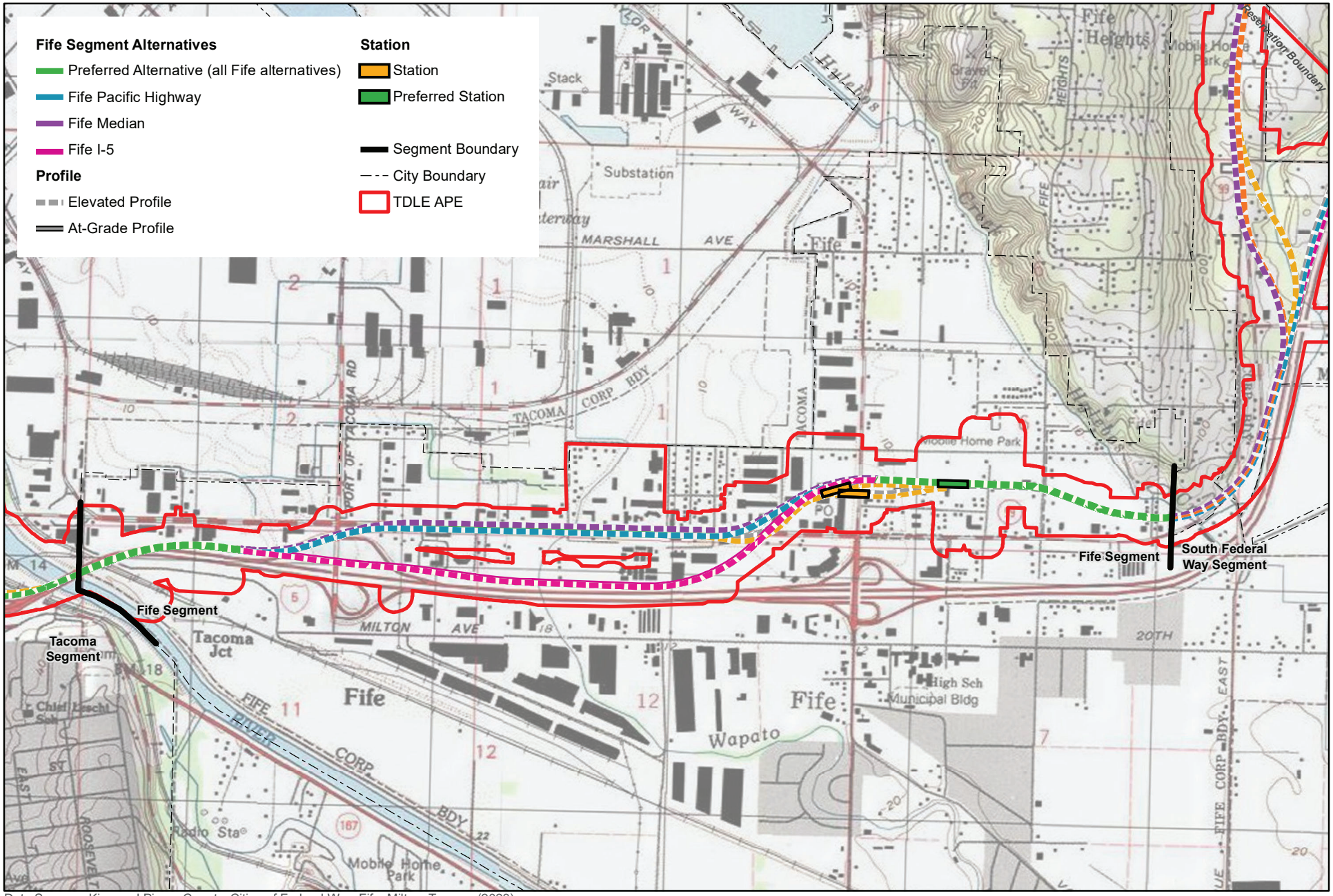

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-4
Alternatives
Fife Segment

Tacoma Dome Link Extension

1.1.4 Tacoma Segment

There are four build alternatives in the Tacoma Segment: Tacoma 25th Street-West (Preferred Alternative), Tacoma 25th Street-East, Tacoma Close to Sounder, and Tacoma 26th Street Alternatives (Figure 1-5). These alternatives would each have the same alignment and design option between the Fife/Tacoma city limit to the station location at Portland Avenue. From the Fife/Tacoma city limit, all Tacoma Segment alternatives would cross the Puyallup River north of I-5. There are two bridge types: a long-span bridge with support columns located upland to the river, and a pier-supported bridge with a pier or piers placed in the river.

After crossing the Puyallup River, each alternative continues northwest to the Portland Avenue Station between E Portland Avenue and E Bay Street along the south side of E 26th Street. Each alternative could also be paired with the Portland Avenue Design Option, which would shift the guideway just north of the E 26th Street and E Portland Avenue intersection to accommodate the Portland Avenue Span Station Option. For either station location, other parties could provide a Portland Avenue bike and pedestrian bridge to improve nonmotorized access between the station north of I-5 and the neighborhoods to the south of I-5. West of the Portland Avenue Station, the alternatives continue northwest to the terminus station, as described:

- The Tacoma 25th Street-West Alternative (Preferred Alternative) continues northwest to align with the south side of E 25th Street until just west of East D Street. The Tacoma 25th Street-West Station is located east of East D Street along E 25th Street.
- The Tacoma 25th Street-East Alternative has the same alignment as the Tacoma 25th-West Alternative, except that the Tacoma 25th Street-East Station is located over E 25th Street to the southeast of the Tacoma Dome Station Parking Garage.
- The Tacoma Close to Sounder Alternative continues northwest and aligns with the south side of the Sounder tracks until McKinley Avenue, where it crosses over the Sounder tracks to a station between East G Street and East E Street.
- The Tacoma 26th Street Alternative continues northwest and aligns with the south side of the Sounder tracks until just east of East J Street. East of East J Street, the alternative continues southwest to align with the center of E 26th Street until East D Street. At East D Street, the alternative continues northwest and ends just east of East C Street. The Tacoma 26th Street Station is located over E 26th Street near East E Street.

In addition, tail tracks (or storage tracks) and switches will be installed at the terminus station to support system operations.

Conceptual design-level plans developed for the project alternatives are included in Appendix F, Conceptual Design Drawings, of the Draft EIS.

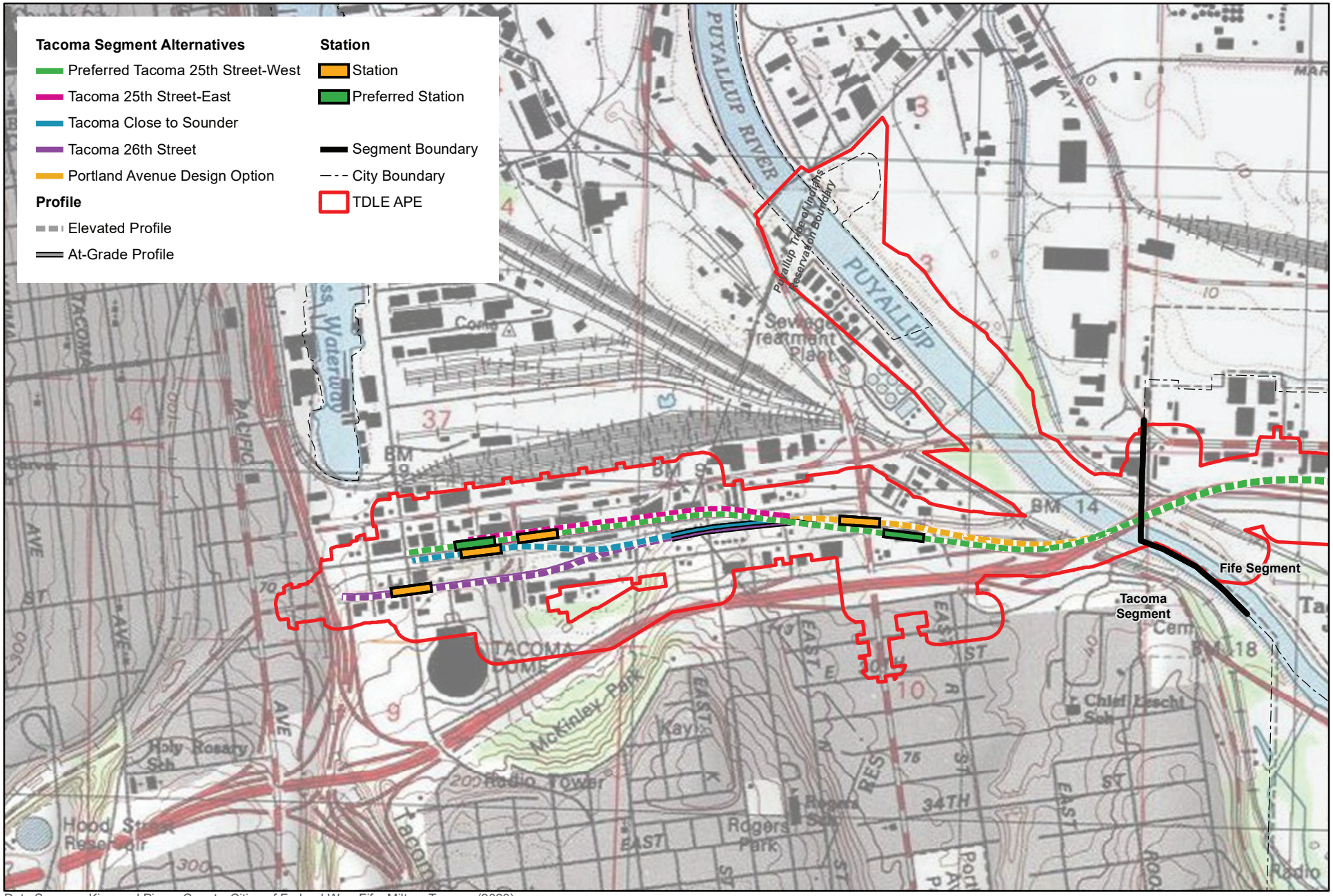

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-5
Alternatives
Tacoma Segment

Tacoma Dome Link Extension

1.2 Purpose of the Report

Historical Research Associates, Inc. (HRA) and Aqua Terra Cultural Resource Consultants (ATCRC) prepared this cultural resources technical report documenting the findings of architectural and archaeological survey and inventory investigations (between December 2020 and July 2023; see Section 9.1 for details) within the defined APE for the project.

1.3 Key Personnel

This technical report was prepared in accordance with the Secretary of Interior (SOI) Standards and Guidelines for the identification of historic properties and follows Washington State Standards and Guidelines for Cultural Resources Reporting. The principal contributors to this report are listed in Table 1-1. These individuals meet the SOI professional qualification standards as defined at 36 CFR Part 61.

Table 1-1 Key Personnel

Name	Qualifications	Roles and Responsibilities
Ron Adams, RPA	Masters of Archaeology, PhD Archaeology, Senior Archaeologist	Principal Archaeologist
Sarah Amell, RPA	Master of Maritime Archaeology, Principal Archaeologist	Project Manager for Archaeology Field Staff
Chrisanne Beckner	Master of Historic Preservation, Senior Architectural Historian	Principal Investigator and Architectural Historian
Brent Hicks, MA, RPA	Master of Archaeology, Principal Archaeologist	Project Manager
Michele Punke, RPA	Masters of Anthropology/ Geosciences, PhD Physical Geography, Senior Archaeologist and Geoarchaeologist	Principal Geoarchaeologist and Project Manager
Lauren Waldroop	Master of Historic Preservation, Architectural Historian	Architectural Investigator and Historian
Matthew Warren	PhD Archaeology, Archaeologist 2	Archaeological Investigator

HRA conducted the built-environment survey for the project. HRA Principal Investigator Chrisanne Beckner, MS, and Lauren Waldroop, MHP, conducted a field survey for the project and authored sections of this report.

Archaeological investigations, including monitoring of geoarchaeological testing was performed by HRA SOI-qualified staff, supported by an ATCRC field crew. HRA archaeologist Ron Adams led a field team and compiled sections of this report under project manager Brent Hicks. The ATCRC team conducted the near-surface archaeological inventory for the project and compiled sections of this report under project manager Sarah Amell. For survey activities along Pacific Highway in south Federal Way and Milton, HRA archaeologist Matthew Warren led a field team and compiled sections of this report under project manager Michele Punke.

HRA's geoarchaeologist and Senior Archaeologist Michele Punke, who meets the Secretary of the Interior's Standards for Archaeology, led a field team and authored sections of this report.

2 REGULATORY SETTING

Multiple federal, state, and local laws, regulations, and policies address the treatment and protection of cultural resources. A brief discussion of the regulatory setting for the project is presented below.

The two primary federal laws are the NHPA and NEPA. Under NEPA, cultural resources, including, but not limited to, sacred sites, archaeological and built-environment resources not eligible for the National Register of Historic Places (NRHP), archaeological and built-environment resources eligible for the NRHP, and archaeological collections, must be given consideration and coordination with Section 106 of the NHPA and its implementing regulations at 36 CFR Part 800 is encouraged.

Section 106 of the NHPA requires that federal agencies account for the effects of their undertakings on historic properties. A historic property is typically aged 50 years or older and is defined in 36 CFR 800.16(l)(1) as follows:

> … any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the NRHP maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria.

Regulations at 36 CFR Part 800 require the federal agency involved in the undertaking to identify the APE, conduct an inventory of historic properties that may be located within the APE, determine whether any of the historic properties identified are eligible for listing in the NRHP, and determine whether NRHP-eligible properties will be adversely affected by the undertaking. An APE is defined in 36 CFR 800.16(d) as follows:

> … the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. The APE is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking …

In addition to Section 106, Section 4(f) of the Department of Transportation Act of 1966 at 23 CFR Part 774 is triggered by funding or approval from a U.S. Department of Transportation (DOT) agency for a transportation project that proposes “use” of land from a property protected by Section 4(f), including NRHP-eligible or -listed historic properties. A determination of adverse effect under Section 106 may constitute a use under Section 4(f).

The federal Native American Graves Protection and Repatriation Act (NAGPRA) (Public Law 101-601; 25 United States Code 3001-3013) applies to the protection, disposition, and repatriation of Native American human remains, funerary objects, sacred objects, and objects of cultural patrimony on federal or Tribal lands and recognizes that these human remains and objects belong to the lineal descendants. NAGPRA also requires that Indian Tribes or Native Hawaiian organizations be consulted whenever archeological investigations encounter, or are expected to encounter, Native American cultural items or when such items are unexpectedly discovered on federal or Tribal lands. A portion of the TDLE project extends through the Puyallup Reservation, and FTA has been in government-to-government consultation with the Puyallup Tribe of Indians (see Chapter 6).

The project must also comply with SEPA. Sound Transit is the lead agency for SEPA compliance. The project is subject to other Washington state laws that address the protection of archaeological sites and Native American burials, including, but not limited to, the Archaeological Sites and Resources Protection Act (Revised Code of Washington [RCW] 27.53), and the Indian Graves and Records Act (RCW 27.44). Protections afforded under RCW 27.53, and RCW 27.44 apply on both public and private lands. RCW 27.53 prohibits disturbance of known precontact and historic archaeological sites on public or private lands, whereas RCW 27.44 prohibits disturbance of Native American graves and provides that inadvertent disturbance through construction or other activity requires reinternment under supervision of the appropriate Tribes.

Other applicable county, and city codes related to the protection of cultural resources include:

- King County Code Chapter 20.62, Protection and Preservation of Landmarks, Landmark Sites, and Districts.
- King County Policy LUD 16-1 (AEP), which proscribes consistent procedures for considering and protecting cultural resources affected by County projects.
- Pierce County Code Chapter 2.88, Structures of Historical and Architectural Significance.
- City of Federal Way Code Chapter 19.285, Protection and Preservation of Landmarks, which adopts King County Code Chapter 20.26.
- City of Milton Municipal Code Chapter 18.04, Environmental Policy.
- City of Fife Municipal Code Chapter 17.04, Environmental Protection, and Chapter 21.10, Low Impact Development Permitting.
- City of Tacoma Municipal Code Chapter 13.07, Landmarks and Historic Special Review Districts, and Chapter 13.12, Environmental Code.

2.1 NRHP Requirements for Listing

2.1.1 Criteria for Significance

To be eligible for listing in the NRHP, a resource must meet one of four criteria for significance and possess sufficient integrity to express its significance (NPS 1995).

Resources are evaluated based on the following guidelines established by the National Park Service (NPS). To be eligible for listing in the NRHP, a property must be significant under one of the following criteria:

- Criterion A: Under Criterion A, properties can be determined eligible for listing in the NRHP if they are associated with events that have made a significant contribution to the broad patterns of our history.
- Criterion B: Under Criterion B, properties can be determined eligible for listing in the NRHP if they are associated with the lives of persons significant in our past (i.e., persons whose activities are demonstrably important within a local, state, or national context).
- Criterion C: Under Criterion C, properties can be determined eligible for listing in the NRHP if they embody the distinctive characteristics of a type, period, or method of construction, represent the works of a master, or possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., are part of a district). Discrete features, a particular building for example, may best be documented

under this Criterion, though collections of resources may also have significance under Criterion C for architecture or engineering association.

- Criterion D: Under Criterion D, properties may be eligible for the NRHP if they have yielded, or may be likely to yield, information important in prehistory or history. To be eligible under Criterion D, the property must have, or have had, information to contribute to our understanding of human history and that information must be considered “important” (NPS 1997). Most commonly applied to archaeological sites, buildings, structures, and objects may be eligible under Criterion D if they are the principal source of information.

2.1.2 Integrity

Integrity is the ability of a property to convey its significance. A property must meet one or more of the National Register Criterion for eligibility (defined above) and have integrity. The evaluation of integrity is grounded in an understanding of a property’s physical features and how they relate to its significance. Historic properties either retain integrity (that is, convey their significance) or they do not. To retain integrity, a property will always possess several, and usually most, of the seven aspects of integrity, which are:

- Location. Location is the place where the historic property was constructed or the place where the historic event occurred.
- Design. Design is the combination of elements that create the form, plan, space, structure, and style of a property.
- Setting. Setting is the physical environment of a historic property.
- Materials. Materials are the physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property.
- Workmanship. Workmanship is the physical evidence of crafts of a particular culture or people during any given period in history or prehistory.
- Feeling. Feeling is the property’s expression of the aesthetic or historic sense of a particular period of time.
- Association. Association is the direct link between an important historic event or person and a historic property (NPS 1995).

2.2 Additional Historic Register Criteria for Listing

In addition to NRHP eligibility determinations, resources were evaluated for listing in the Washington State Heritage Register (WHR) and designation as a local historic landmark in King County, Pierce Country, and the City of Tacoma. These recommendations for state and local listing are advisory only.

2.2.1 Washington Heritage Register

To be individually eligible for listing in the WHR, a property must be significant within a historic context. Sites which are listed in the NRHP are automatically added to the WHR (25-12 Washington Administrative Code [WAC]). As such, a separate nomination is not needed and, for the purposes of this report, the same four criteria utilized for the NRHP (A through D above) are used herein to evaluate for eligibility for listing in the WHR (DAHP 2020c).

2.2.2 King County Register of Historic Places

To be eligible for listing on the King County Register of Historic Places, a resource must be over 40 years old or contain resources that are more than 40 years old that possess integrity of location, design, setting, materials, workmanship, feeling, or association, and meet one or more of the following criteria, which are based on the following NRHP eligibility criteria:

1. Is associated with events that have made a significant contribution to the broad patterns of local, state, or national history; or
2. Is associated with the lives of persons significant in local, state, or national history; or
3. Embodies the distinctive characteristics of a type, period, style or method of design or construction, or that represents a significant and distinguishable entity whose components may lack individual distinction; or
4. Has yielded, or may be likely to yield, information important to prehistory or history; or
5. Is an outstanding work of a designer or builder who has made a substantial contribution to the art (KC 20.62.040).

2.2.3 Pierce County Register of Historic Places

To be eligible for listing in the Pierce County Register of Historic Places, a resource must be at least 50 years of age — although exceptions may be allowed for special resources — and possess the quality of significance in American history, architecture, archaeology, or culture and have integrity of location, design, setting, materials, workmanship, feeling and association. The property must meet one or more of the following criteria:

1. It is associated with events that have made a significant contribution to the broad patterns of our history; or
2. It is associated with the lives of persons significant in Pierce County's past; or
3. It embodies the distinctive characteristics of a type, period, or method of construction or that represents the distinguishable entity whose components may lack individual distinction; or
4. It has yielded or may be likely to yield information important in prehistory or history (Pierce County 2020).

2.2.4 Tacoma Register of Historic Places

To be eligible for listing on the City of Tacoma Register of Historic Places, a resource must be over 50 years old or contain resources more than 50 years old that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and meet one or more of the following criteria:

A. Is associated with events that have made a significant contribution to the broad patterns of our history; or
B. Is associated with the lives of persons significant in our past; or
C. Embodies the distinctive characteristics of a type, period, or method of construction, or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components may lack individual distinction; or

D. Has yielded or may be likely to yield, information important in prehistory or history; or

E. Abuts a property that is already listed on the Tacoma Register of Historic Places and was constructed within the period of significance of the adjacent structure; or

F. Owing to its unique location or singular physical characteristics, represents an established and familiar visual feature of the neighborhood or City (City of Tacoma 2020).

3 AREA OF POTENTIAL EFFECTS

The APE for TDLE is located within Sections 16, 20, 21, 28, 29, and 32 of Township 21N Range 04E, Sections 5, 6, and 7 of Township 20N Range 04E, and Sections 1, 2, 9, 10, 11, 12, and 37 of Township 20N Range 03E (Figures 3-1 through 3-13).

FTA, in coordination with Sound Transit and in consultation with SHPO, and affected Tribes, determined the project APE in March 2020 (FTA 2020a; DAHP 2020a). This consultation included a cultural resources survey methodology and inventory plan (Viloudaki et al. 2020) for review and comment. The APE was subsequently revised in November 2020 and again in April 2023 to incorporate changes made to the project (FTA 2020b, 2023; DAHP 2020b, 2023). No comments on the APE or Cultural Resources Survey and Inventory Plan were provided. The APE encompasses all project elements, including guideway, station locations, construction staging areas, and utility improvement and expansion areas. The boundary extends out from the project footprint to include the adjacent tax parcel, or a maximum of 200 feet for large tax parcels. The APE has also been widened in the following locations:

- The Belmor Park Golf & Country Club (Belmor) in Federal Way, near the north end of the APE. This was included because mobile home parks are evaluated in their entirety and not by individual mobile homes. See Figure 3-1.
- The Gethsemane Cemetery and Saint (St.) George's Cemetery. Portions of these cemeteries fall within 200 feet of project elements but were included in their entirety in the APE in response to comments from the Puyallup Tribe of Indians in meetings with FTA and Sound Transit. See Figures 3-5 through 3-7.
- The area between Pacific Highway E and 12th Street E, bounded on the west by Alexander Avenue E and 46th Avenue E on the east. This area was included in response to comments from the Puyallup Tribe of Indians in meetings with FTA and Sound Transit. See Figure 3-10.
- The area extending north from the anticipated bridge location over the Puyallup River to Lincoln Avenue. This area was included in response to comments from the Puyallup Tribe of Indians in meetings with FTA and Sound Transit. See Figure 3-12.

The anticipated depths of disturbance of the project are variable throughout the APE (Table 3-1). Deep ground disturbance is anticipated across approximately 85 to 90 percent of the guideway alignment and is associated with construction of drilled shafts or columns used to support the elevated guideway. Approximately 10 to 15 percent of the guideway is anticipated to be at grade. Ground-disturbing activities related to the construction of access roads, stormwater facilities, staging areas, and utility work will be shallow.

Table 3-1 Approximate Depths of Deep Ground Disturbance

Corridor Area	Depth of Disturbance
South of Federal Way Downtown Station to Eastern Fife	60-90 feet
Eastern Fife to Fife Station	90-120 feet
Fife Station to Tacoma Dome station area	120-190 feet
Puyallup River crossing vicinity	160-190 feet

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-1
APE and Areas of Potential Ground Disturbance
(Federal Way, Sheet 1 of 13)

Tacoma Dome Link Extension

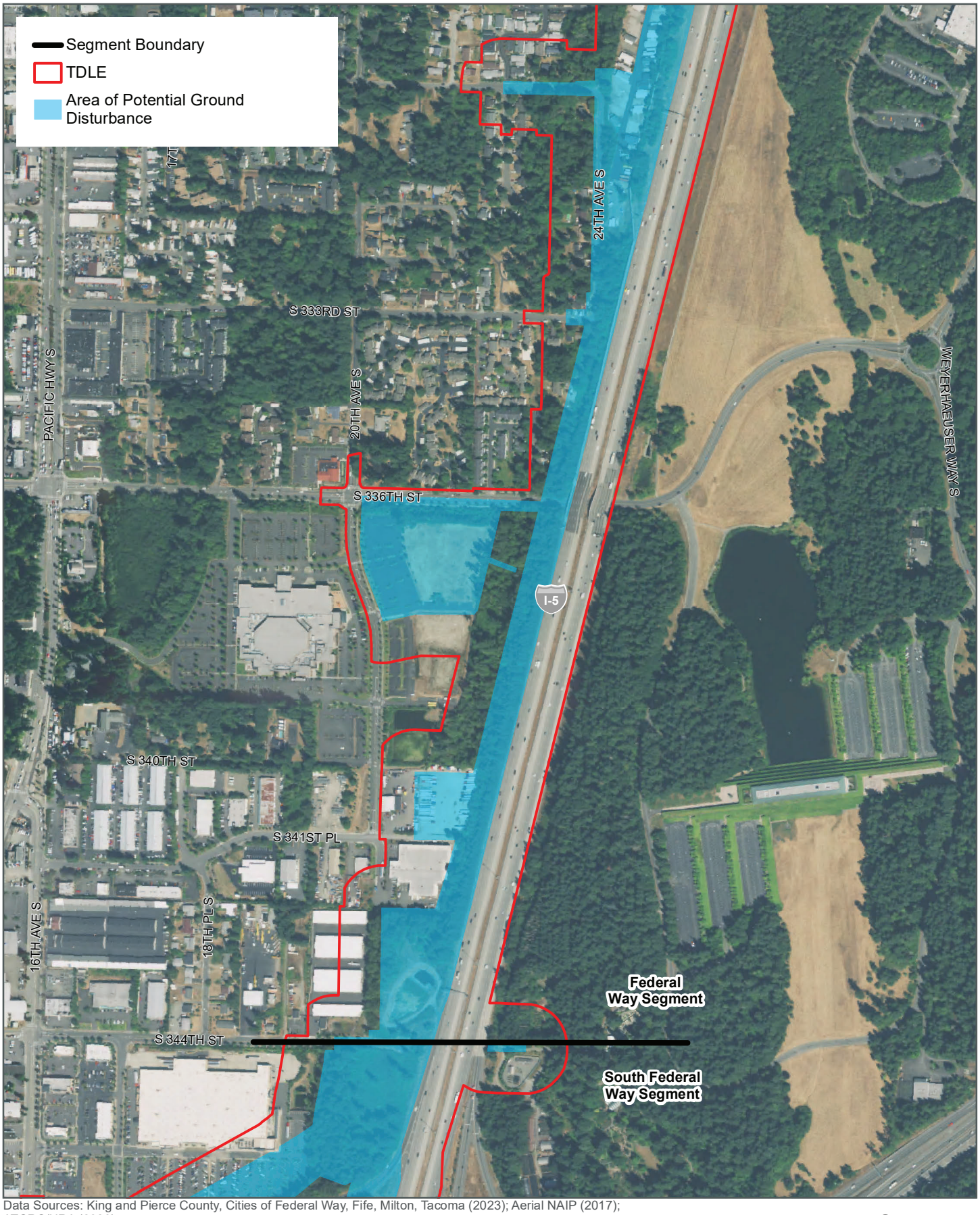

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-2
APE and Areas of Potential Ground Disturbance
(Federal Way, Sheet 2 of 13)

Tacoma Dome Link Extension

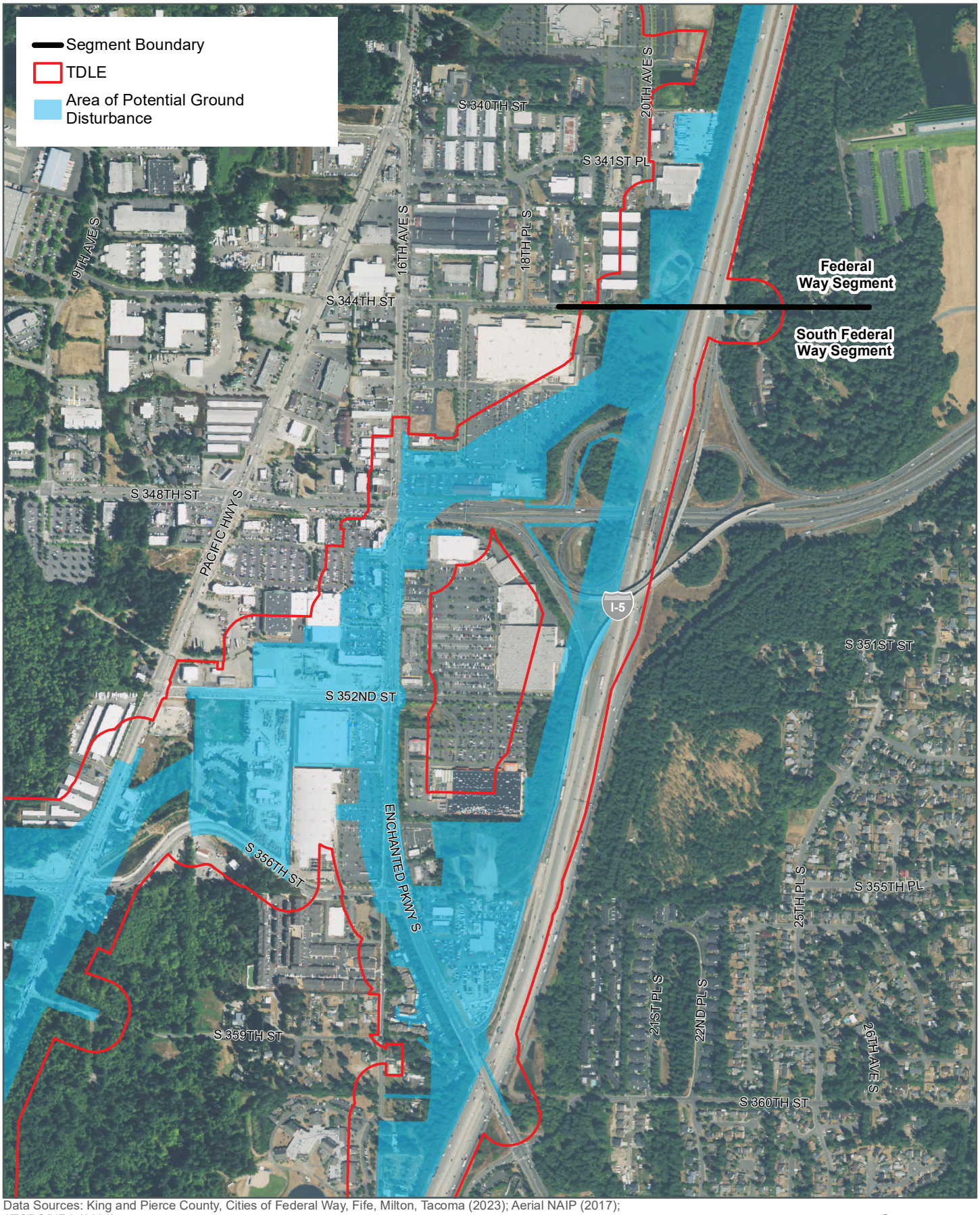

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-3
APE and Areas of Potential Ground Disturbance
(South Federal Way, Sheet 3 of 13)

Tacoma Dome Link Extension

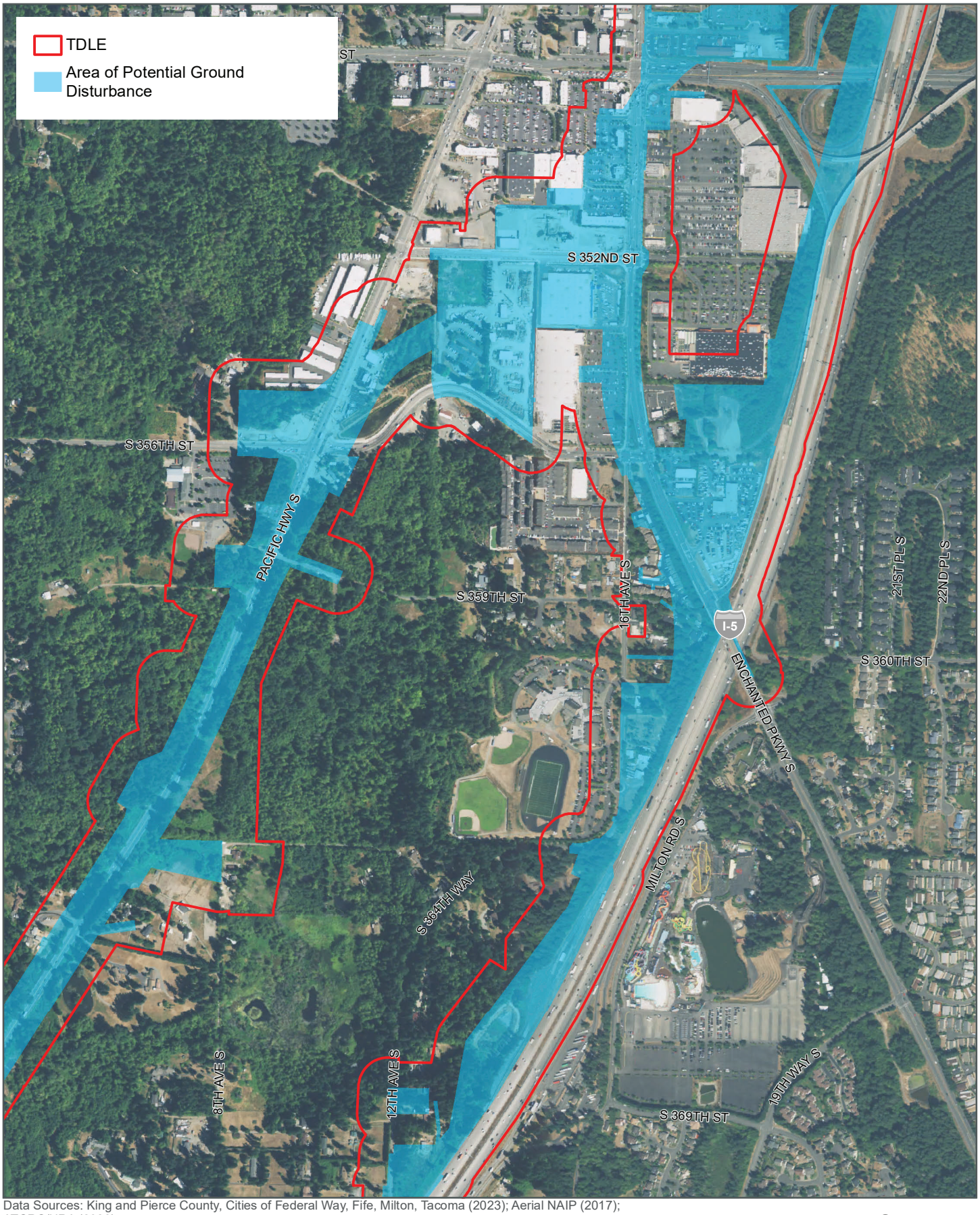

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-4
APE and Areas of Potential Ground Disturbance
(South Federal Way, Sheet 4 of 13)

Tacoma Dome Link Extension

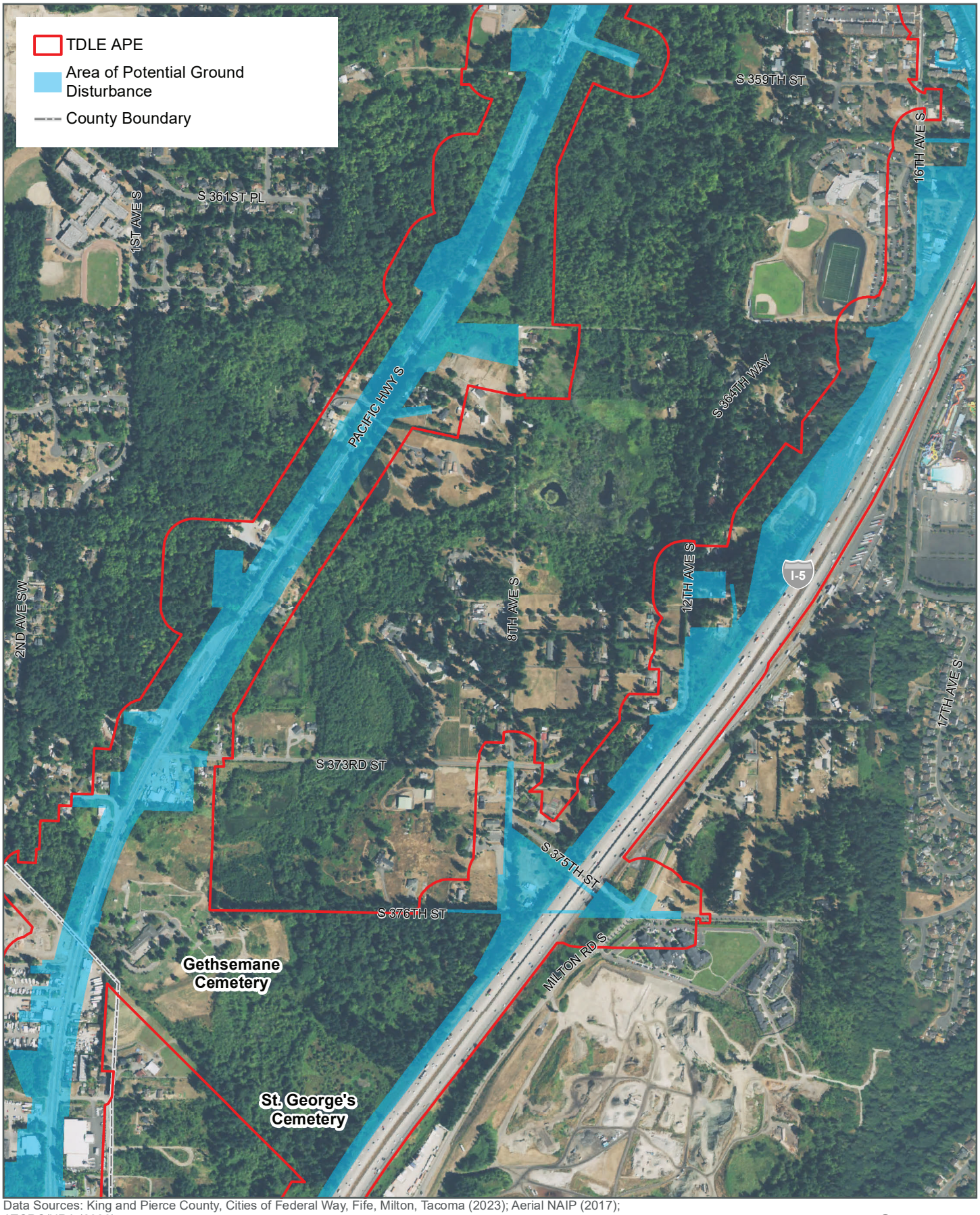

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-5
APE and Areas of Potential Ground Disturbance
(South Federal Way, Sheet 5 of 13)

Tacoma Dome Link Extension

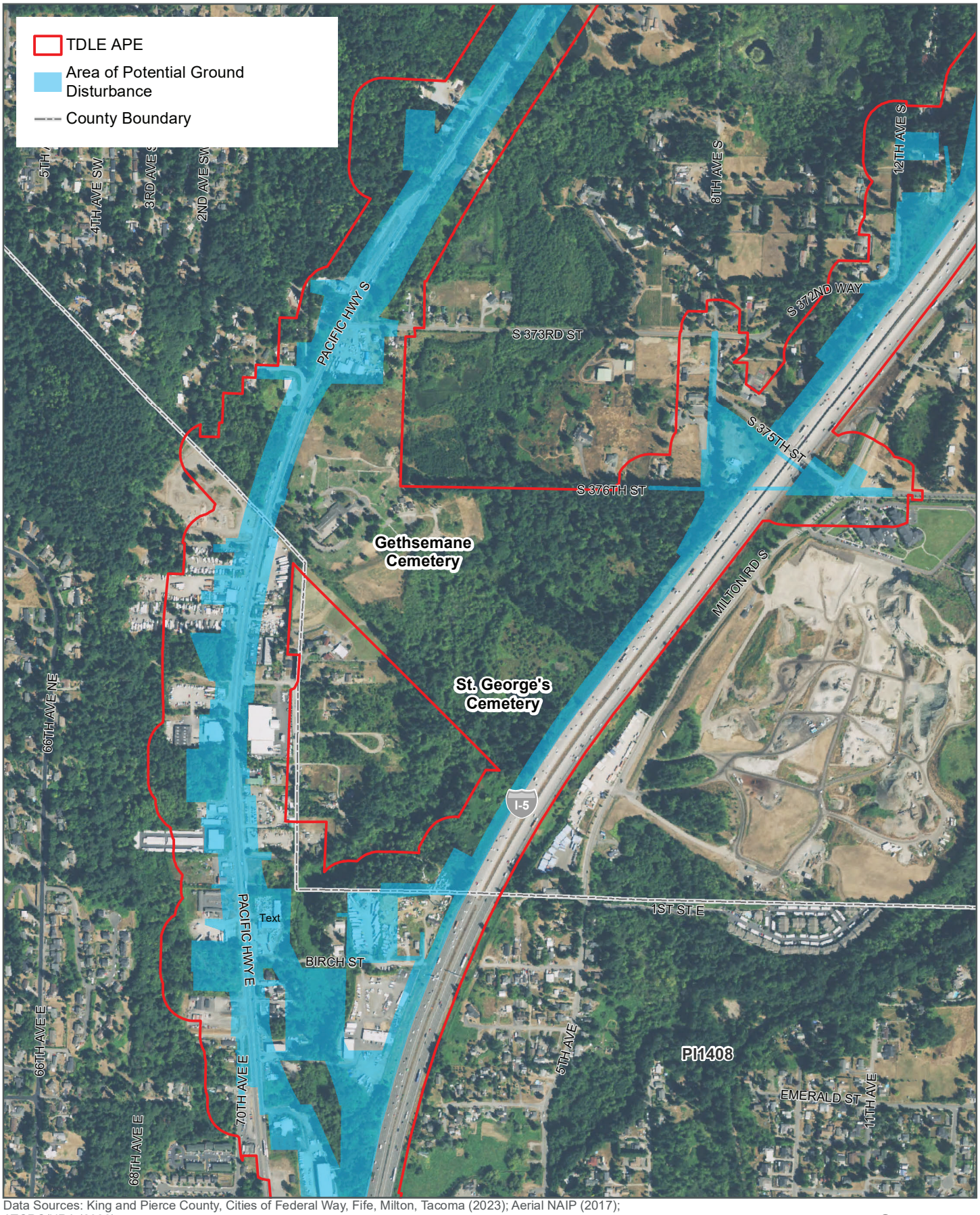

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-6
APE and Areas of Potential Ground Disturbance
(South Federal Way, Sheet 6 of 13)

Tacoma Dome Link Extension

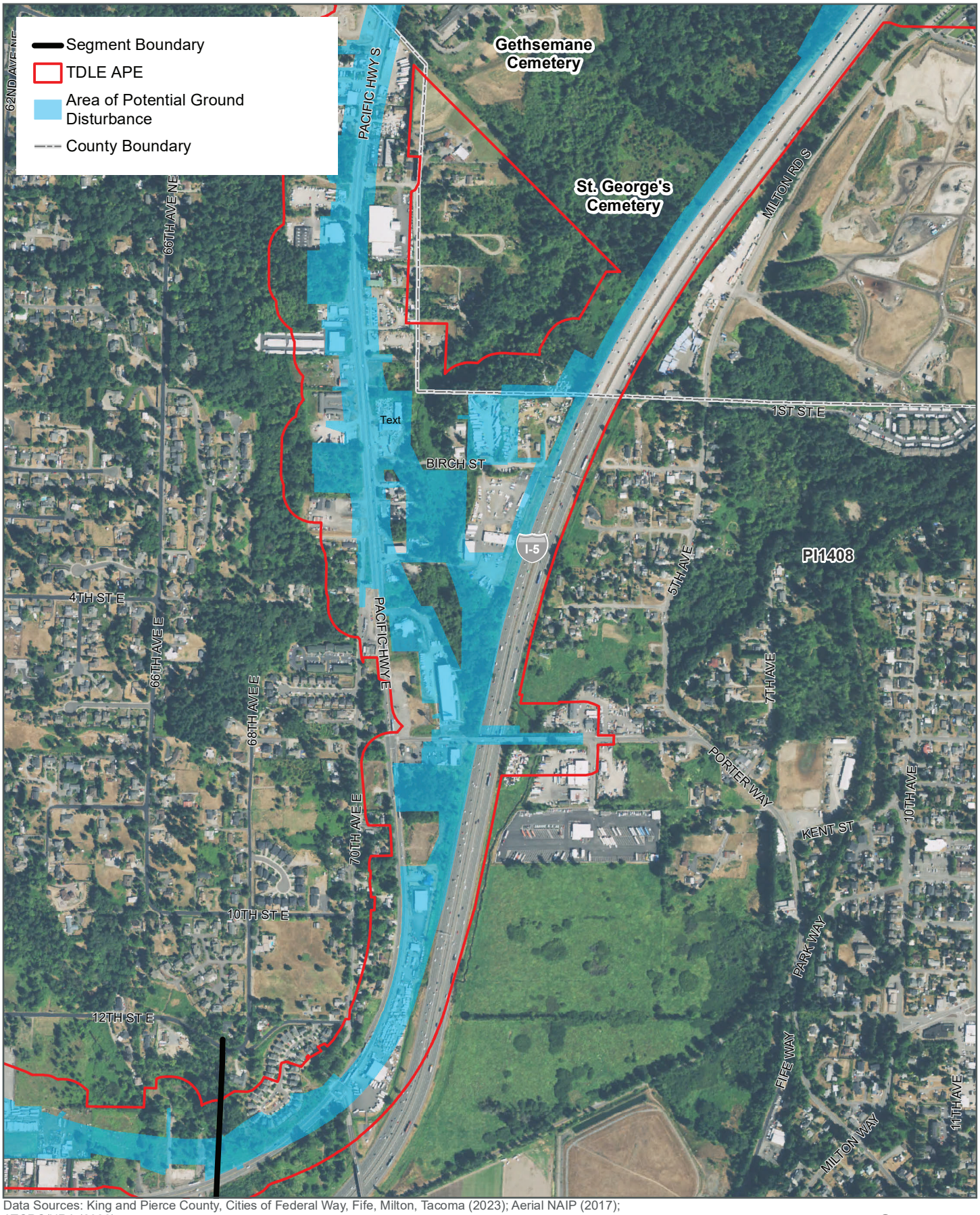

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-7
APE and Areas of Potential Ground Disturbance
(South Federal Way, Sheet 7 of 13)

Tacoma Dome Link Extension

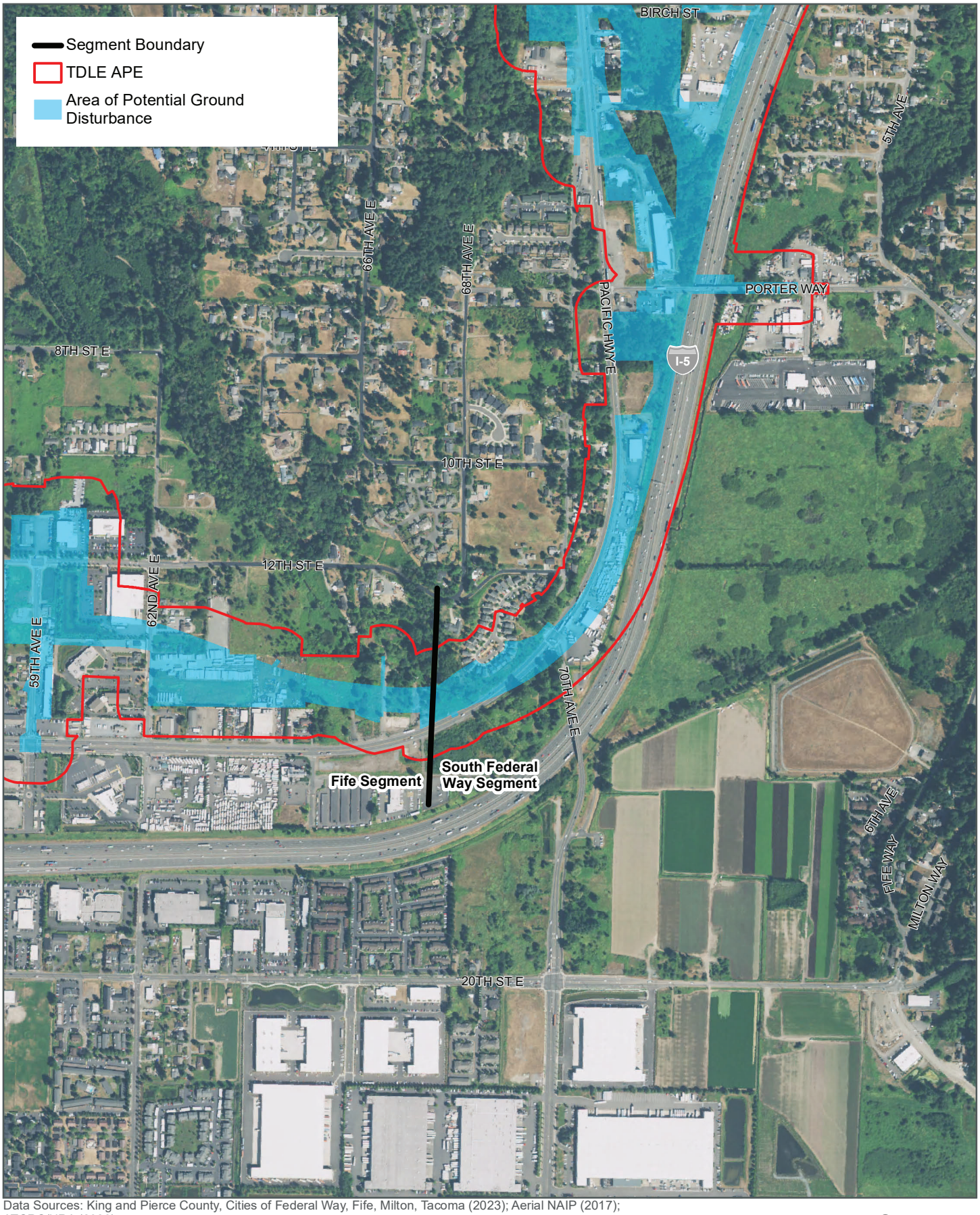

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-8
APE and Areas of Potential Ground Disturbance
(South Federal Way/Fife, Sheet 8 of 13)

Tacoma Dome Link Extension

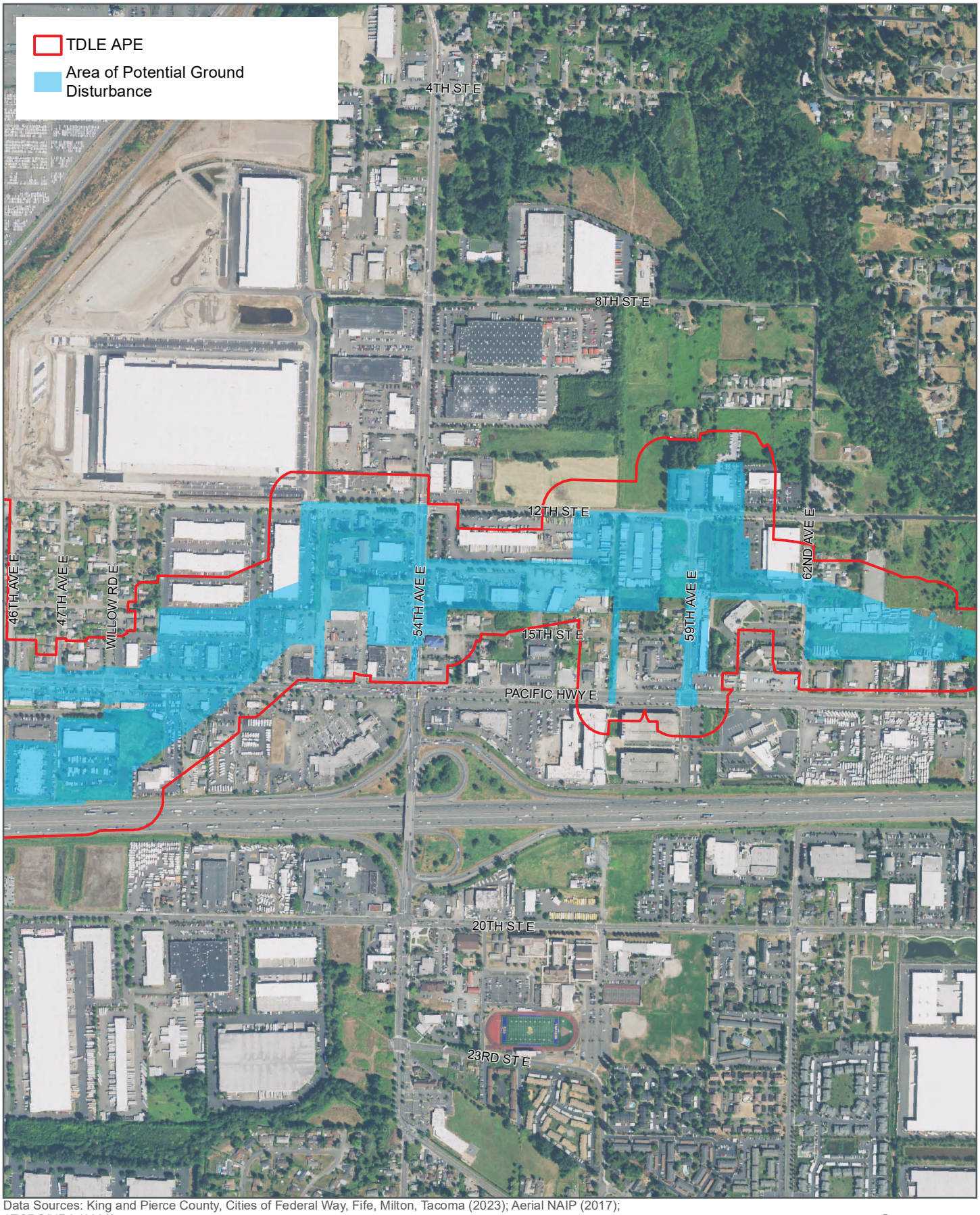

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-9
APE and Areas of Potential Ground Disturbance
(Fife, Sheet 9 of 13)

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-10
APE and Areas of Potential Ground Disturbance
(Fife, Sheet 10 of 13)

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-11
APE and Areas of Potential Ground Disturbance
(Fife, Sheet 11 of 13)

Tacoma Dome Link Extension

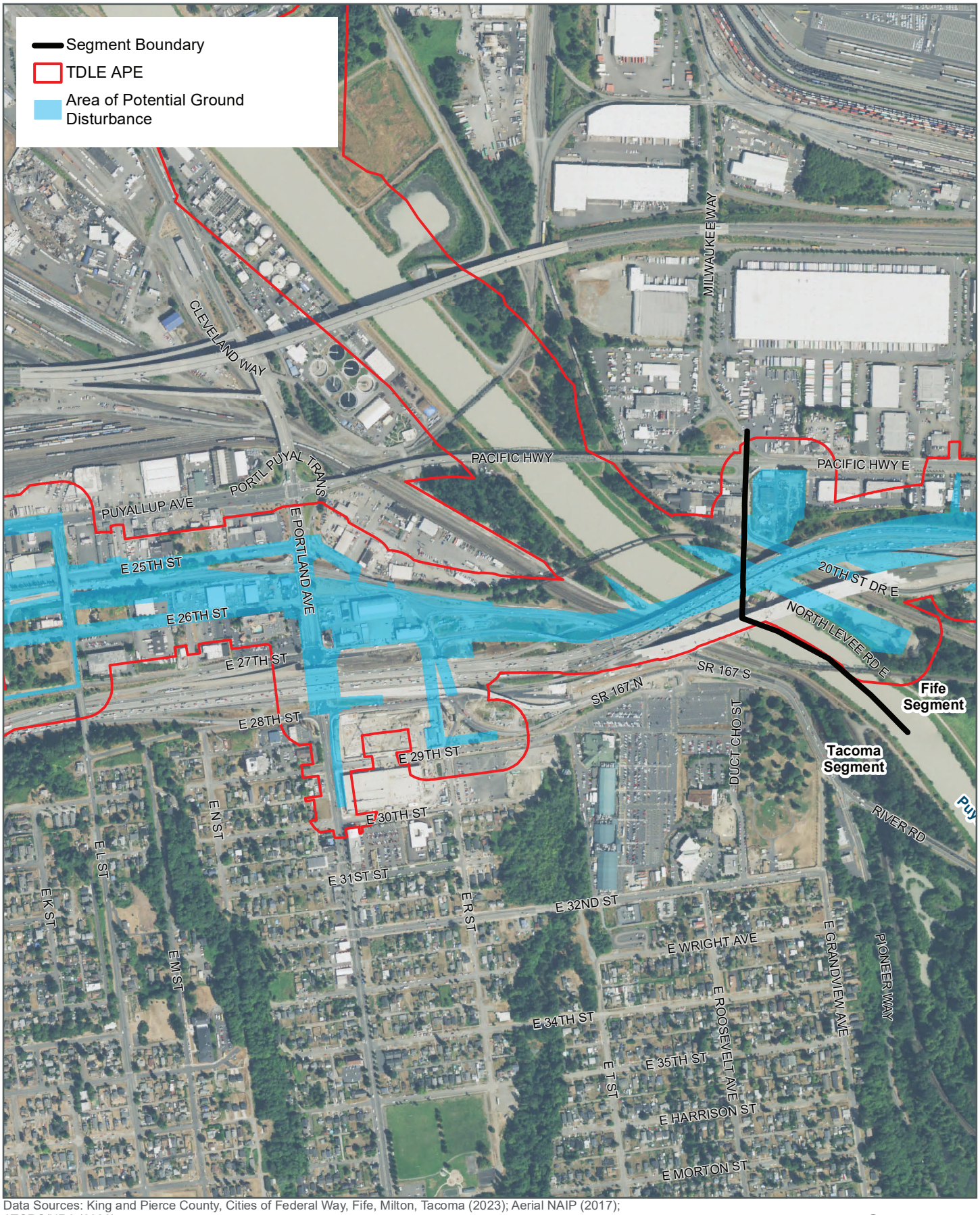

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-12
APE and Areas of Potential Ground Disturbance
(Tacoma, Sheet 12 of 13)

Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023); Aerial NAIP (2017); ATCRC/HRA (2020).

N

0 500 1,000 Feet

FIGURE 3-13
APE and Areas of Potential Ground Disturbance
(Tacoma, Sheet 13 of 13)

Tacoma Dome Link Extension

4 NATURAL AND CULTURAL CONTEXT

The following sections summarize the environmental, precontact, ethnographic, and historical setting of the Puget Sound region and general historic context of the project area. Following this is a more specific history for each of the project segments. This information on setting and historic context supports the assessment of significance and NRHP-eligibility of precontact and historic resources identified within the APE per 36 CFR 60.4, Criteria for Evaluation, and in guidance provided in National Register Bulletin 15, How to Apply the National Register Criteria for Evaluation (NPS 1995).

4.1 Natural Setting

The APE is located in the Puget Sound area of the Western Hemlock Zone, which typically averages annual precipitation between 80 to 90 centimeters (cm) and has moderate summers that are generally cool and dry and winters that are moist and mild. These climatic conditions promote the thick floral growth of the Puget Sound area of the western hemlock vegetation zone (Franklin and Dyrness 1973; Kruckeberg 1991; Brennan 2007). This zone typically consists of a mixed coniferous and deciduous overstorey dominated by western hemlock, Douglas-fir, and western red cedar, with an understory of shrubs and vines, particularly sword fern, red huckleberry, Oregon grape, and salal. The riparian areas within the broader vegetation zone are dominated by red alder, big leaf maple, willow, and black cottonwood with a variable understory including salmon berry, lady fern, and deer fern (Franklin and Dryrness 1973; Kruckeberg 1991; Brennan 2007).

Historic farm, residential, and industrial uses dominate the APE, and all have significantly altered the vegetation patterns from those of the precontact to early historic period. Invasive species that are common to Western Washington, and the APE, include Himalayan blackberry and Scotch broom (Franklin and Dryrness 1973; Kruckeberg 1991; Brennan 2007).

Typical pre-development fauna of the Puget Sound Area includes deer, elk, bears, several fur-bearing animals (e.g., beavers, marmot), other small mammals, with a very large assortment of shore and marine fowl, freshwater game fish (i.e., trout, bass), at least five species of salmonids (e.g., Sockeye, Coho, Chinook), marine invertebrates (e.g., shellfish), marine fish, and marine mammals.

4.2 Geologic Context

The geology of the south-central Puget Sound region is complex. The modern landforms in the vicinity of the APE are the result of glacial, fluvial, and tectonic forces. These forces, coupled with substantial filling and cutting associated with development in the region, have created a palimpsest of landforms with varying archaeological sensitivity.

The APE is located at the southern end of the Puget Lowland, a physiographic province that was shaped by several periods of extensive glaciation during the late Pleistocene Fraser Glaciation (Booth et al. 2004a; Harris 1998; Lasmanis 1991; Mullineaux 1965; Yount et al. 1993). Arrival of the ice front to the Seattle area during the last Glacial period is estimated to have occurred around 17,400 BP, and it reached its maximum southern extent near Olympia approximately in 16,950 BP (Porter and Swanson 1998). Retreat of the glacier began shortly after reaching its maximum extent, and it exited the central Puget Lowland, including the Tacoma area, by approximately 16,420 BP (Borden and Troost 2001; Dethier et al. 1995; Easterbrook 1986; Porter and Swanson 1998). Deposits dating from pre-Fraser glacial and

interglacial periods are mapped in and around the project vicinity, including the uplands in the westernmost and northeastern portions of the APE (Harris 1998).

The Puget Lowland is characterized by a series of water-filled, generally north–south oriented, linear troughs (Troost and Booth 2008) separated by thick glacial sedimentary deposits. These troughs formed at the end of the last ice age through a combination of erosion and scour by an advancing and retreating ice sheet and subglacial fluvial forces (Booth 1994; Booth and Hallet 1993). The APE crosses one of these troughs, the Puyallup River Basin, through which the Puyallup River now flows.

The Puyallup River flows north through the Puyallup River Basin and empties into Commencement Bay near Tacoma. The Puyallup River and its major tributaries, the White and Carbon Rivers, drain the northwestern slope of Mount Rainier. Within the Puyallup River Basin, between approximately 396 and 579 meters (1,300 and 1,900 feet) of unconsolidated sediment overlies bedrock (Jones 1996), including glacial and postglacial sediments. The majority of this sediment was deposited as a result of periodic lahar deposition or the entrainment and deposition of volcaniclastic sediments originating on the slopes of Mount Rainier and in the upriver portions of the Puyallup River (Borden and Troost 2001; Crandell et al. 1958).

Around 5,600 years ago, a catastrophic lahar (a debris flow originating on the slopes of an active volcano), the Osceola Mudflow, buried more than 200 square kilometers (77 square miles) of the Puget Lowland in rock debris, glacial ice, and clay-rich sediment (Crandell 1971; Crandell and Waldron 1956; Dragovich et al. 1994; Vallance and Scott 1997). The mudflow originated as a massive, deep-seated avalanche that swept down the north face of Mount Rainier and flowed into the nearby drainages, including the Puyallup River Basin. As the lahar sediments moved downstream, they became progressively more sand and gravel dominated and increasingly more sorted (Vallance and Scott 1997). These sediments were deposited throughout the Puyallup River Basin, with the thickest Osceola Mudflow materials deposited in the central portion of the basin and thinning towards the basin's margins (Dragovich et al. 1994).

Researchers have found evidence of at least five additional lahar depositional events originating from Mount Rainier that occurred after the Osceola Mudflow (Crandell 1971; Pringle 2000; Scott et al. 1995; Zehfuss et al. 2003). These deposits generally appear clay-poor and andesitic sand-rich in their distal reaches and have been informally called "black sands" when identified in the region. The oldest of the post-Osceola Mudflow lahars dates to around 2200–2800 calibrated years BP (cal B.P.) and is associated with volcanism of Summerland age (Vallance and Donoghue 2000). Other lahars include two associated with the Twin Creek episode of deposition dating to ca. 1350–1700 cal B.P. and the Fryingpan Creek episode, which occurred ca. 800–1260 cal B.P. (Scott et al. 1995).

Prior to deposition of the Osceola Mudflow, the Puyallup River Basin was inundated by the waters of Puget Sound south to approximately the position of the modern city of Puyallup. At that time, sediment deposition within the basin occurred primarily at the point where the Puyallup River flowed into the deeper marine waters of Puget Sound, forming the ancient Puyallup River delta (Dragovich et al. 1994). After its deposition, erosion and redeposition of upstream Osceola Mudflow deposits and other lahars caused continued sediment accumulation in the downstream portions of the Puyallup River (Crandell 1971; Dragovich et al. 1994; Mullineaux 1970; Scott et al. 1995; Zehfuss et al. 2003). This resulted in a migration of the delta front and the marine shoreline toward Puget Sound. Aided by a slowing rise in sea level, high Mount Rainier erosion rates, and erosion of upstream deposits, the delta front eventually moved to its historic position and the upriver portion of the Puyallup River Basin eventually infilled to its current elevation (Dragovich et al. 1994:22).

Like other river systems in the Puget Sound where the river runs through a Pleistocene glacial trough and the river valley has a low gradient, a great width, and low elevation relative to the riverbanks, the Puyallup River valley would have supported extensive wetlands prior to historic-period river straightening and valley infill (Collins et al. 2002). These wetlands included tidally influenced areas, especially along the margins of the Sound.

Historic mapping of the Puyallup River Basin suggests that as early as 1866 these watercourses crossed the location of the APE at nearly the same location as today (GLO 1866, 1873). The precontact alignments of the Puyallup River and other small distributary streams within the basin, including Wapato Creek and Hylebos Creek, are not known. However, archaeological sites in the area provide some evidence that these waterways have been present near to their current positions for at least around 1,000 years, if not longer. Archaeological site 45PI930 was found between 4.7 and 6.9 meters (15 and 23 feet) bgs near to the current margins of the Puyallup River, suggesting the river, or at least a major tidal channel, was present near the margin of the modern-day river at the I-5 crossing around 910 to 1270 cal B.P. (Sharpe et al. 2009). Site 45PI974 was found at a depth of 2.2 meters (7 feet) bgs along Hylebos Creek and dated to 1110 uncalibrated years BP (Shantry et al. 2010). Site 45PI488, positioned just 80 meters (262.5 feet) south of the TDLE alignment on Hylebos Creek, was found between 30 and 50 cm (1 and 1.6 feet) bgs and dated to approximately 900 years ago (Luttrell 2001).

The Puget Lowland is positioned within the forearc basin of the tectonically active Cascadia Subduction Zone (Atwater and Hemphill-Haley 1997). A series of west- to northwest-trending faults cross the Puget Lowland (Johnson et al. 1994; Wells et al. 1998), including a series of southwest-dipping monoclines in the vicinity of Tacoma (Johnson et al. 2004). Between the cities of Tacoma and Seattle is a region of deformation called the Seattle Uplift (Pratt et al. 1997). The southern edge of this uplifted zone is located roughly along the axis of the Puyallup River Basin, to the south of which is the Tacoma Basin (Booth et al. 2004b; Sherrod et al. 2004). The boundary between the Seattle Uplift and the Tacoma Basin is the Tacoma fault zone (Booth et al. 2004b; Brocher et al. 2001; Johnson et al. 2004; Sherrod et al. 2004).

The Tacoma fault zone comprises a series of northwest-trending lineaments along which deformation has occurred since the end of the last glacial period, including at least one large earthquake that struck between A.D. 770–1160 (Brocher et al. 2001; Nelson et al. 2008; Sherrod et al. 2004). Surface sediment deformation along lineaments has been minor (Sherrod et al. 2004), but the side effects of fault rupture would have included ground shaking, tsunami run up, and liquefaction of water-saturated sediments, such as those in the Puyallup River Basin (Gomberg et al. 2010). The APE is positioned just south of the Tacoma Fault Zone.

The APE crosses the Puyallup River near the present I-5 crossing, immediately north of the Cushman Cemetery. The Puyallup River is approximately 72 kilometers (45 miles) long, beginning at the melt flows of the Tahoma and Puyallup glaciers on Mount Rainier. As the river progresses west toward the Puget Sound, the Mowich, Carbon, and White Rivers, along with many smaller waterways, converge with the Puyallup. Heavy rainfall across the Puyallup River Basin has resulted in extensive sediment deposits and destruction of property. Historically documented extensive floods occurred in 1891, 1906, 1917, 1918, 1919, 1921, 1923, 1932, 1933, and 1935 (Kent 2004; Sharpe et al. 2009). In the APE, the Puyallup River has been channelized with extensive levees built to control and limit flooding. The history of flooding and flood control measures along the Puyallup River is documented in several publications, including Sharpe et al. (2009) and Kent (2004).

Most of the APE has undergone extensive modern development, obscuring local soil conditions. The general geological and soil conditions represented throughout the APE are presented in Table 4-1.

Table 4-1 General Geological and Soil Conditions within the APE

Segment	Geology (WaDGER 2016)	Soils (NRCS 2019)
Federal Way	Continental glacial till and outwash – Fraser Glaciation	- Alderwood, Kitsap, and Everett gravelly sandy loams - Arents, Alderwood material - Norma sandy loam
South Federal Way	Continental glacial till and outwash – Fraser Glaciation	- Alderwood, Kitsap, and Everett gravelly sandy loams - Kitsap and Bellingham silt loams - Norma sandy loam- Urban land
	Holocene artificial fill	- Alderwood gravelly sandy loams - Arents, Alderwood material - Artificial fill - Urban land
	Glaciolacustrine deposits	- Kitsap and Bellingham silt loam - Bellingham silty clay - Tisch silts - Shalcar muck
Fife	Glaciolacustrine deposits	- Kitsap and Bellingham silt loam - Bellingham silty clay - Tisch silts
	Quaternary Peat	- Tisch silts - Semiahmoo muck - Kitsap Silt Loam
	Quaternary alluvium	- Sultan and Tacoma silt loams - Briscot loam - Puget silty clay loam - Puyallup fine sandy loam
	Continental glacial till – Fraser Glaciation	- Alderwood gravelly sandy loam - Kitsap silt loam
Tacoma	Quaternary alluvium	- Puyallup and Sultan silt loams
	Continental glacial outwash – Fraser Glaciation	- Alderwood and Everett gravelly sandy loams
	Holocene artificial fill	- Artificial fill

Notes:
WaDGER – Washington Division of Geology and Earth Resources
NRCS – Natural Resources Conservation Service

4.3 Precontact Context

The cultural history of the Pacific Northwest and Puget Sound region encompasses the earliest periods of human settlement of North America (e.g., Kopperl et al. 2015; Kopperl et al. 2016). Given the geologic information presented above and the age of the landforms within the APE, it is possible that archaeological sites dating throughout the period of known human occupation in the region could be encountered within the APE. In order to frame an understanding of the types of sites that may be anticipated (as discussed in Section 6 below), a generalized cultural chronology adapted from that of Matson and Coupland (2009) is presented below.

4.3.1 Earliest Cultures (14,000+ to 10,000 BP)

The earliest documented settlement in the Puget Sound region begins about 14,000 BP (Matson and Coupland 2009). During this period, humans were continually adapting to the region, which includes a dynamic landscape of glacial retreat as well as climatic and environmental change (Matson and Coupland 2009). Between about 14,000 and 10,000 BP, it has been hypothesized that there was a general continuity in settlement, subsistence, and technologies. Archaeological evidence from this period indicates that human social groups were probably small, highly mobile, and reliant on seasonally available resources across the landscape (Ames and Maschner 1999; Matson and Coupland 2009).

Traditionally, the earliest occupation recognized in North America and the Pacific Northwest has been the Clovis culture (12,000-11,000 BP) with its distinctive fluted projectile points (Matson and Coupland 2009). Clovis projectile points are widely distributed in the Puget Sound region, all of them surface finds (Croes et al. 2008). There is also growing evidence of an earlier, pre-Clovis occupation in the Northwest (e.g., Paisley caves in southeastern Oregon at 14,400 BP [Gilbert et al. 2008; Beck and Jones 2010, 2012]).

Several archaeological sites provide information about the earliest period of occupation in Washington. Remains found at the Manis mastodon site near Sequim, Washington, suggest humans hunted mastodon as early as 13,800 BP (Waters et al. 2011). The Ayer Pond bison remains from Orcas Island date to approximately 14,000 BP and include evidence of human butchering (Kenady et al. 2011). The Richey-Roberts site in East Wenatchee, Washington, contained a large cache of Clovis points and bone rods dated to ca 13,000 to 12,000 BP (Kirk and Daugherty 2007). Within the Puget Sound lowlands, the Bear Creek site (45KI839) in Redmond, Washington, is the only example of a stratified site dating to this earliest period of human occupation. The site contains a large, flaked stone assemblage and includes both stemmed and concave base projectile points (Kopperl et al. 2015).

4.3.2 The Archaic (10,000 to 5,000 BP)

The Archaic period in the Puget Sound region is one with a few distinct types of archaeological sites. These distinct site types have led archaeologists to hypothesize that occupants of the region during this period continued to follow a highly mobile settlement pattern focused on terrestrial game supplemented by plant processing and use of aquatic environments to a lesser extent (Ames and Maschner 1999). Archaeological features and faunal remains from archaic period sites are rare, but when they are found they seem to indicate a well-developed land-use strategy (Chatters et al 2011).

Archaeological sites from this period are often characterized by the presence of larger laurel-leaf shaped blades/projectile points and are part of a tradition that goes by many regional names. In the Puget Sound region, this time period is often called the Cascade Phase (Matson and Coupland 2009), and localized material culture complex names like Olcott (Kidd 1964) fall into this phase. In addition to laurel-leaf-shaped bifaces, other flaked stone tools (e.g., cobble tools), blade cores, and flaking debris are commonly found in association at Cascade sites (Carlson 1990; Miss and Campbell 1991, Matson 1985, Morgan 1999). Most commonly, sites dating to this period, especially Olcott sites, are generally found in upland settings and on higher river terraces. The sites are likely resource procurement and processing camps focused on exploitation of upland game and wild plant foods, but subsistence adaptations for this period are poorly understood. Although faunal remains for sites dating to this period are rare, mammalian and fish remains have been reported (Chatters et al. 2011). What is known about subsistence and settlement patterns from this period comes from sites like Glenrose Cannery (DgRr6) site in

British Columbia, The Dalles Roadcut site (35WS8) on the Columbia River, and the Granite Falls site (45SN303) in western Washington, among others (Chatters et al. 2011; Kopperl et al. 2016). In the Puget Sound, Olcott-style points have been reported in private collections throughout the region as well as inland areas of islands in the Puget Sound (Deppen et al. 2014; Taylor et al. 2009 and 2011). Lowland sites dating to this period include the Marymoor site (45KI9), and the DuPont Southwest site (45PI172), dating ca 6,000 BP and containing the earliest shell lenses in the Puget lowlands along with other tools and evidence of shellfish processing (Kopperl et al. 2016). These sites have components into the following phase that are discussed in the following section. Site 45PI1327, located within the APE, may be one of the few sites in the south-central Puget Sound that dates to this period (see additional discussion of 45PI1327 in Section 5).

4.3.3 Development of Coastal Lifeways (5,000 to 3,500 BP)

After about 5,000 BP, archaeological evidence suggests that distinctive regional cultures developed with settlement and subsistence patterns that differ from those of the earlier adaptations in western Washington (Kopperl et al. 2016). Throughout this period, subsistence among Puget Sound groups becomes increasingly focused on marine resources, particularly shellfish and salmon, along with exploitation of a broad spectrum of other intertidal and upland subsistence resources. Shell middens become more common during this period, and these sites provide some of the best insights into shifting subsistence regimes. During this period, settlement patterns appear to become more intensive in localized areas, indicating reduced residential mobility (*sec.* Binford 1980) through time. New technologies are also present, among them ground stone tools and bone tools (Larson and Lewarch 1995; Ames and Maschner 1999; Matson and Coupland 2009). Western red cedar becomes a dominant tree in the region during this period, and wood-working adzes appear as early as 5,000 years ago, with evidence of canoe technology and construction of large plank houses by at least 2,000-3,000 years ago (Hebda and Matthews 1984; Donald 2003; Matson and Coupland 2009). With the rise in sea level during this period, earlier sites in coastal settings are likely to be submerged or have eroded away (Larson and Lewarch 1995; Kopperl et al. 2016).

Several previously excavated archaeological sites dating to this time period provide information relevant to the general history of the Puget Sound lowlands. The Marymoor site (45KI9), located near the juncture of the Sammamish River and Bear Creek in King County, has cultural deposits dating from approximately 6,000 to 1,500 BP. The artifact assemblage contains flaked stone tools, stone tool manufacture, and evidence of food processing dating to both this and the preceding period (Greengo 1966; Lockwood 2016). The DuPont Southwest site (45PI72) is on a bluff overlooking the Nisqually Reach in the south Puget Sound (Wessen 1969). The site was tested and contains flaked stone artifacts along with lenses of shell and other food remains, with the oldest calibrated radiocarbon date ranging from 6,180 to 5,930 BP and the most recent at 3,000 BP. The West Point sites, 45KI428 and 45KI29, in West Seattle are shell middens that have cultural deposits dating to this period. The cultural deposits at the site contain at least five distinct camping and food processing loci dating from 4,200 to 200 BP. Material remains included faunal bone, ground stone, and flaked stone tools, and subsistence remains include sea and terrestrial mammal remains, birds, fish, and shellfish (Larson and Lewarch 1995).The Bray site (45PI1276) located on a terrace above the White River near Sumner, Washington (Jolivette and Huber 2016) dates to approximately 3,800 to 2,500 BP and includes several earth ovens, an array of dart points, microblades, ground stone, and steatite beads. The earth ovens at the Bray site appear to be similar those used to process camas bulbs in sites in eastern Washington; however, no evidence to support such use was found.

4.3.4 The Northwest Coast Cultural Pattern (3,500 to 1,500 BP)

Development of the Northwest Coast cultural pattern in the Puget lowlands (ca 3,500 to 1,500 BP) is marked by continued decrease in residential mobility and is accompanied by evidence of increased social complexity (e.g., Larson and Lewarch 1995). The majority of shell midden sites in the Puget Sound date to this and, in part, to the preceding period (Taylor, Stein, and Jolivette 2011). Residential stability and logistic settlement patterns are in evidence during this period and seen by increases in lowland and upland limited activity procurement sites associated with spring and summer fishing and root-gathering areas as well as specialized base camps and permanent or semi-permanent winter villages (Kopperl et al. 2016). The latter are associated with distinct longer-term community groupings, especially in the form of large multifamily plank houses. Social stratification is seen in the archaeological record of the region, through differentiation in burial practices and wealth item distribution (Ames and Maschner 1999; Lewarch and Larson 1995).

Also distinctive from the previous period is the marked degree of subsistence intensification as shown by the presence of large-scale fish harvesting technologies (nets and weirs), large-scale storage of salmon, and winter storage of shellfish. Village sites are widely distributed in all coastal areas of the Puget Sound (Nelson 1990; Ames and Maschner 1999; Matson and Coupland 2009). Fish weirs and other constructed features are often found in association with large village sites. Common artifact assemblages consist of a range of hunting, fishing, and food processing tools; bone and shell implements; and dense midden deposits. By the end of the period, wide similarities to ethnographically described contact-period cultures in the Puget Sound lowlands are evident (Ames and Maschner 1999; Matson and Coupland 2009). The Marymoor site (45KI9) has cultural deposits dated at 2,500 BP. The long-term occupations at West Point (45KI428 and 45KI29) in King County and the Bray site in Pierce County (45PI1276) contain cultural deposits that extend into this period and provide settlement and subsistence information. Dated coastal sites from this and the preceding time period appear to be relatively rare in the southern King and Pierce counties, perhaps due in part to destruction from development, or burial beneath historic period land fill deposits.

4.3.5 Late Northwest Coast Culture (1,500 BP to ca 200 BP)

The period (1,500 to 200 BP), when European and American explorers arrived in the region, is characterized by continued enhancement of material culture and social complexity from that noted in the previous period (Nelson 1990; Ames and Maschner 1999; Matson and Coupland 2009). These include widespread occupation of permanent and semi-permanent coastal villages, continued intensive procurement and storage of salmon and shellfish resources, and hereditary inequality throughout the coastal cultures of the Pacific Northwest, including the Puget Sound region. Village sites have been identified in the Puget Sound lowlands, typically located adjacent to, or near, river or marine transportation routes (Larson and Lewarch 1995; Ames and Maschner 1999).

Common artifact assemblages consist of a range of hunting, fishing and food processing tools, bone and shell implements, and midden deposits. This period is dominated by settlement along the coastlines and along streams and rivers, with far greater specialization of technology than the preceding period. Trade goods become relatively abundant, indicating extensive trade networks up and down the coast as well as with inland plateau neighbors (Wessen 1985). As in the preceding period, salmon was among the primary food sources in this time period. Fish weirs and preserved netting dating to this period have been found at Wapato Creek in Tacoma (45PI47) and along the Green River (Ballard 1957; Munsell nd).

Three archaeological sites dating to the Late Northwest Coast Culture period are near the Tacoma Segment of the project. All three were discovered during deep coring or excavation along the Puyallup River and tributaries. The Xaxtl'abish site (45PI974) is a midden deposit near the bank of Hylebos Creek north of the I-5 corridor and has been radiocarbon dated to ca 1,100 BP. Site deposits were found at a depth of 6 feet below the surface and were composed of shell, faunal remains, and fire-cracked rock (Shantry et al. 2010). Site 45PI930 is located east of I-5 on the south side of the Puyallup River. The site dates to ca 1,040 to 1,240 BP and is reported as a precontact village containing lithic, faunal, and botanical remains. Cultural deposits were found from 12 to 22 feet below ground surface (bgs) on the west side of the Puyallup River (Sharpe et al. 2009). Site 45PI967, a shell midden on the south bank of the Puyallup River near Clear Creek, was found during backhoe testing approximately 8 feet bgs and dates to approximately 400 to 200 BP. The artifact assemblage consisted of burned and unburned fish bones, botanical remains, flaked and ground stone artifacts, and fire-cracked rock (Shufelt 2009).

This final precontact period of Northwest Coast Culture and its lifeways is characterized by dramatic changes to its cultures, lifeways, and communal organization with the influx of Euro-American material goods, diseases, and technologies throughout the Puget Sound and the Pacific Northwest (Boyd 1998; Suttles and Lane 1990). Ethnographically known villages, camps, and limited activity sites that were the loci of habitation, food processing, acquisition of riverine and upland plant and animal foods, along with other biotic and abiotic resources, have been documented throughout the Puget Sound region by Waterman (1922) and others. The ethnographic Northwest Coast cultures and traditional use areas around the APE are summarized in the following sections.

4.4 Ethnohistoric Context

The APE is in the traditional territory of the contemporary Puyallup and Muckleshoot Tribes (Haeberlin and Gunther 1930; Ruby and Brown 1986; Smith 1940; Spier 1936: 42; Hilbert et al. 2001). The Muckleshoot Tribe is a historic conglomerate of traditional Upper Puyallup, Upper Duwamish, and other "Inland" groups, such as the Sitkamish and the Smulkamish of the Upper White River reaches and the Yilalkoamish and the Skopamish of the Upper Green River reaches (Hodge 1907-1910; Spier 1936; Smith 1940; Suttles and Lane 1990). This merging of Tribes is a direct result of the Medicine Creek Treaty (1854), the Point Elliot Treaty (1855), and the Fox Island Council following the 1855-1856 conflicts.

Precontact peoples, whose descendants are now part of the Puyallup and Muckleshoot Tribes, often had settlements located along major waterways and at the heads of bays or inlets, where abundant resources of coastal, riverine, and also inland environments supported a relatively rich, diverse, and reliable subsistence base. During the winter months, they lived in large villages of cedar plank houses, while the spring and summer months were spent at seasonal encampments often constructed of reed mats while fishing, hunting, and plant and berry collecting. Salmon was a principal resource (Ruby and Brown 1986). Early economies were also supported by inland resources, such as mountain goats, deer, and elk (Haeberlin and Gunther 1930).

Ancestors of the present-day Puyallup Tribe of Indians lived in villages between the Puyallup River delta and Mount Rainier; along the Carbon and Stuck Rivers; and on the shorelines of Commencement Bay, the Gig Harbor Peninsula, and Vashon Island (Smith 1940; Hilbert et al. 2001). They followed a seasonal settlement pattern directly tied to resource availability. Their winter villages typically consisted of one to three houses, about 9 meters wide and up to 30.5 meters long with pitched roofs. The cedar plank walls were split from standing trees, using antler wedges, and then smoothed with adzes (Smith 1940: 274–287; Carpenter 1986). Cedar logs were also floated downriver to desired locations to process them on shore, generally near

villages located on the banks of the creeks and rivers. Many of the villages constructed of cedar involved years of labor and were relatively permanent, often used for generations. Villages were located near river mouths or where a creek joined the main river channel (Hartwich 1972) or above the tidal flats along the margins of “two streams or at the mouth of a stream where it entered the Sound” (Smith 1940: 4, 9). Cedar houses were generally located on high ground away from the river or stream high-water mark. The house faced the water, with the length paralleling the river or stream (Hartwich 1972).

Winter subsistence was composed of freshwater and marine fish, shellfish, game, and preserved food collected during the other seasons. In the spring months, the ancestors of the present-day Puyallup Tribe of Indians moved to temporary shelters made of reed mats and spent their time searching for fish, game, roots, berries, and bulbs. The most important fish resource was the salmon, which were caught at the mouths and along the banks of fish-bearing rivers as the salmon migrated from Puget Sound to native spawning streams. Salmon were smoked or dried for the winter and provided the bulk of food consumed and exchanged in that season (Suttles and Lane 1990).

Smith (1940) lists 13 Puyallup Tribal villages in the area now occupied by the City of Tacoma and the immediate surrounding area, including the village from which the name of the Puyallup Tribe of Indians originated, which was Puyallupahmish (Gibbs 1877). Smith (1940) and Hilbert et al. (2001) report that this ethnohistoric village was located near the modern-day intersection of S 15th Street and Pacific Avenue in downtown Tacoma. Other ethnographically described villages associated with the Puyallup Tribe of Indians near the APE are located near the present-day intersection of 24th Street and Pacific Avenue in Tacoma, the Clay Creek-Puyallup confluence near the Cushman School (near the Emerald Queen Casino in Tacoma), the mouth of Wapato Creek (near Pacific Highway E and 54th Avenue E in Fife), and another near Hylebos Waterway and Hylebos Creek. Table 4-2 lists ethnographic places and place names near the APE.

Table 4-2 Recorded Ethnographic Places within a 1-Mile Radius of the APE

Location	Ethnographer’s Orthography	Ethnographer’s Translation/ Description	Lushootseed Orthography	Lushootseed Translation	Source
Tacoma: site of the smelter	Tcotco'^{3}Lats	Where there are maples growing	ČuČu?łac	Vine maple	Hilbert et al. (2001)
Tacoma: between the main part of the city and Old Tacoma	Caba'l^{3}ûp	Shade	šabalap	Dry area under the tree	Hilbert et al. (2001)
Tacoma: the corner of Pacific Avenue and Jefferson Street	TsalaL-ali	Pond and place containing	cələłali	Place of lake	Hilbert et al. (2001)
Tacoma: place along the old river channel	Pu-yä'lup	Ample supply of everything	puyaləp	Curved on the bottom of the water; winding river	Hilbert et al. (2001)
Tacoma: mouth of the stream, which formerly ran in the gully near 24th Street	^{Tux}wa'dabcEb	Ground flooded or dry according to the tides	dəx^{w}wadačəb	Place of the tide; place of where the tide has gone out	Hilbert et al. (2001)
Tacoma: a small stream, a tributary to reference No. 5	Tca'tc	Hidden	čad^{z}	Hide	Hilbert et al. (2001)

Table 4-2 Recorded Ethnographic Places within a 1-Mile Radius of the APE (continued)

Location	Ethnographer's Orthography	Ethnographer's Translation/ Description	Lushootseed Orthography	Lushootseed Translation	Source
Tacoma: a creek over which the Chicago, Milwaukee, and St. Paul Railroad passes on a trestle	Kô'yôb	None	–	–	Hilbert et al. (2001)
Tacoma: creek near the Cushman School	KE'labid	Place where salmon eggs are stored	qəlx̌abid	Coming from the salmon eggs	Hilbert et al. (2001)
Tacoma: Swan Creek	Bswa'qed	Place at the head of something; where there are swans	bəsxʷuqid	A place that has swans	Hilbert et al. (2001)
Fife: a place near the edge of the marsh, east of the Puyallup	Xe'l x-ale	Place where there was a battle	x̌ilix̌ali	Place of battle	Hilbert et al. (2001)
Tacoma: an affluent of the Puyallup River	Ca'sqwED	Clear	–	–	Hilbert et al. (2001)
Tacoma: old village site	Casqwo'd-tsid	Mouth of Ca'sqwED	–	–	Hilbert et al. (2001)
Fife: flats between Hylebos Creek and Wapato Creek	Kalka'laqᵘ	Place around which the water passes	qaĺqaləqʷ	Circles	Hilbert et al. (2001)
15th Street and Pacific Avenue	spwiyalaphabc	Main Puyallup Village	–	–	Smith (1940)
24th Street and Pacific Avenue	twadebcab	Village located near a former creek mouth on Commencement Bay	–	–	Smith (1940)
Confluence of Clay Creek and Puyallup River	catcqad	"Main" Puyallup Village (Haeberlin and Gunther 1930)	–	–	Smith (1940)
Mouth of Wapato Creek	kalkalaq	Village location	–	–	Smith (1940)
Hylebos Waterway	Shaxl'abc	Village located along the waterway	–	–	Smith (1940)
Fife: a place below of the mouth of Swan Creek	Saoxe'xele'ux	Place where they practice or train for war	səxʷux̌ix̌ilix̌	By means of battle	Hilbert et al. (2001)
Fife: a shallow inlet between the Puyallup River and Wapato Creek	Asxwop	Where seals haul out	?asxʷap	Seals all over the ground	Hilbert et al. (2001)
Fife: Wapato Creek	Qa'lqalEqʷ; Sto'lagwali; spiyaaqo'ts	Making many turns; where the river used to be; Indian potato (wapato)	qaĺqaləqʷ; stuləgʷali; spiqʷulc	Circles; places of river; potato	Hilbert et al. (2001)
Fife: Hylebos Creek	XaxtL!	Brushy	x̌ax̌ƛ	Brushy	Hilbert et al. (2001)

Table 4-2 Recorded Ethnographic Places within a 1-Mile Radius of the APE (continued)

Location	Ethnographer's Orthography	Ethnographer's Translation/ Description	Lushootseed Orthography	Lushootseed Translation	Source
Fife: tide flats where the shipyards stood during the busy times of 1918	LtcElEb	None	–	–	Hilbert et al. (2001)
Tacoma: Browns Point	Tcaia'lqo	Hidden water	čayalqʷu?	Hidden water	Hilbert et al. (2001)

Notes:
Table generally arranged from south to north, and from east to west.

4.5 Historic Context

Historic period Euro-American exploration and settlement in the Puget Sound region began in the 1600s with Spanish exploration along the western coast of North America, including the Puget Sound. In response to Spanish exploration in the region's western waters, English explorer Captain George Vancouver and his crew investigated the Puget Sound in 1792. Vancouver sent Lt. Peter Puget and Master Joseph Whidbey on a six-day tour of the Sound in May. The pair named various landmarks, including Whidbey Island and the Puget Sound itself, as well as Mount Rainier and Hood Canal. The team then returned to Britain, where Vancouver began preparing a report of his findings. He died before it could be completed (Crowley 2003a). This was followed by the Lewis and Clark Expedition in 1802 to 1804 that traveled to the mouth of the Columbia River to explore the lands purchased by the United States from France and the people who lived in them.

Hudson's Bay Company (HBC), a partnership between the Bay Company and the North West Company, two rival fur trading operations in Canada and the United States, established fur trade posts in the Pacific Northwest during the early 1800s. HBC established its first foothold in today's Washington state in 1825, when Chief Factor John McLoughlin moved his operation at Fort George on the south side of the Columbia River mouth to Fort Vancouver further upstream on the north side of the river near the Columbia and Willamette River confluence. From there, Captain Vancouver oversaw expansion into the Puget Sound region, where his staff traveled, trapping and trading with local Tribes until they returned south to Fort Vancouver in the fall. There, the company accepted supplies from a London supply ship each fall and loaded up the empty hold with timber bound for Hawaii. When the ship returned from Hawaii, Captain Vancouver's staff filled the hold with pelts bound for Great Britain.

Competition from American fur traders increased during the 1830s. In 1833, McLoughlin sent Archibald McDonald to the Puget Sound to establish a new trading post and stockade, Fort Nisqually, at today's DuPont, Washington. In 1840, Captain Vancouver established the Puget Sound Agricultural Company at Nisqually to provide crops and livestock to an increasing number of Russian-American fur traders from Alaska (Crowley 2003b; Nisbet 2011). While farming at Fort Vancouver and Fort Nisqually, among other locations, HBC cultivated cattle, hogs, goats, apple trees, grape vines, potato patches, and other crop gardens. Fort Vancouver's wheat harvest alone supplied the company throughout the Northwest (Rowe 2018).

The HBC's Fort Nisqually was the first non-native settlement in the Puget Sound region, and it acted as a local hub, attracting traders, providing goods, and welcoming the first waves of Euro-American settlers. As early as 1841, Congress had passed the Distributive Preemption Act, which recognized squatter's rights and allowed settlers to buy up to 160 acres for $1.25 an

acre after 14 months' residence. In 1843, the provisional government in Oregon was offering 640-acre claims to new settlers, partly to assist the United States in establishing control of the region, which it shared with Great Britain. The United States and Great Britain settled their dispute over where to draw a boundary between the United States and Canada in 1846, settling on the 49th parallel and leaving Fort Nisqually and other HBC properties on lands owned by the United States (U.S.) government. The United States continued to encourage Euro-American settlement in the region, and waves of migrating Americans arrived. Soon, relationships between Euro-American settlers and native Tribes deteriorated and the fur trade worsened. Fort Vancouver closed in 1860 and Fort Nisqually in 1870 (Nisbet 2011).

While the depletion of pelts, increased settlement, and worsening Tribal relations spelled the end of HBC in the Northwest, other broad trends in development began to shape the Puget Sound region. In 1849, gold was discovered in California and settlers flowed west, either to hunt for gold or to supply those who did. Concurrently, in a succession of donation land acts, the U.S. government offered free or inexpensive land in Oregon Territory (which included today's Washington state) to settlers who moved to the region and homesteaded. To protect newly arrived settlers in the wake of an attack on Fort Nisqually, the U.S. Army established Fort Steilacoom in today's Pierce County in 1849, which provided medical care and protection but also supported a local road-building program (Denfeld 2012). In 1850, Congress passed the Donation Land Claim Act, which offered 320 acres of federal land to white male adults who established residence on the property by December 1, 1851. If married, a couple could claim an additional 320 acres (Riddle 2010).

In 1853, Washington Territory was carved from the Oregon Territory. While the Donation Land Claim Act was still in effect, the rules changed in 1854 and settlers in the Northwest had to purchase land for $1.25 an acre, which remained the law until the Homestead Act was passed in 1862. The first land patents in Washington Territory were granted in Thurston and Clark counties in 1857. Under the Donation Land Claim Act, Thurston County recorded 234 claims, followed by Clark County with 161 claims, Pierce County with 108 claims, Cowlitz County with 107 claims, Lewis County with 96 claims, Pacific County with 61 claims, and King County with 58 claims (Riddle 2010).

While settlement increased, the new arrivals brought with them agricultural and ranching practices that introduced new species, suppressed native species, introduced new weeds and new crop diseases, and led to the suppression of traditional life ways, including the late-summer controlled burns that native Tribes used to prepare the land for new crops of camas and berries (Rowe 2018). While non-native settlement grew, and tensions rose, Territorial Governor Isaac I. Stevens negotiated a series of treaties with native inhabitants, confining them to reservations away from their native homelands and further increasing tensions that eventually led to war (Rowe 2018).

Both the Medicine Creek Treaty (1854) and the Point Elliot Treaty (1855) were attempts by the United States government to secure valuable land for settlement and resource use by non-native peoples (Ruby and Brown 1986). In late December 1854, Stevens, General George Gibbs, and local officials met with 600 Native American Tribal members, including members of the Nisqually, Puyallup, and Squaxin Tribes, near She-na-nam, or Medicine Creek (now known as McAllister Creek), approximately 20 miles southwest of Tacoma, in Nisqually. The Medicine Creek Treaty (1854) removed Native Americans from about 2.2 million acres of their traditional lands and granted three reservations for them to share. The treaty provided rights to fish, hunt, gather roots and berries, and pasture horses; provided rules of conduct; and appropriated $32,500 to be paid to the Tribes over a 20-year period. The treaties forced Native Americans to relocate to one of several reservations designated in the treaties (Ruby and Brown 1986). Of the

three initial reservations defined in the Medicine Creek and Point Elliot treaties, the largest was the Puyallup, with 1,280 acres. The Puyallup Reservation was home to people who identified with the Nisqually, Cowlitz, Muckleshoot, and other local area Tribal groups (Smith 1940; Suttles 1990; Kirk and Alexander 1990).

Between 1855 and 1858, what was then called the “Indian Wars” broke out and unsettled Native American and Euro-American relations across Washington Territory, leading many homesteaders to retreat to secure locations like Fort Steilacoom and briefly limiting settlement in some locations, including Pierce County (Rowe 2018). However, with the end of hostilities, settlement soon increased again. With the success of local agriculture, the availability of timber, and access to the rivers of the Puget Sound, settlers spread across the region. New advancements in transportation, including the coming of the nation’s second transcontinental railroad, further spurred development. After the Puget Sound Indian War of 1855-1858, the Nisqually, Puyallup, and White and Green River Tribes met with an American delegation led by Governor Stevens on Fox Island. Two of the resulting agreements were the enlargement of the Puyallup Reservation to 18,062 acres by executive order (Ruby and Brown 1992) and recognition of the need for a reservation in a more appropriate location for those groups culturally linked to inland areas. The reservation was to be placed between the White and Green Rivers at Muckleshoot where a U.S. Army fort was located on the prairie of the same name.

The passage of the 1862 Homestead Act granted 160 acres to individual U.S. citizens to further encourage non-native settlement. Eventually, commercial and residential development expanded, and citizens began to request that restrictions on reservation lands be removed to accommodate urban and industrial growth. Many Tribal landowners would eventually lose their properties through sale, auction, or approval by the government for automatic inclusion in land grants. In 1864, a land grant was provided for the construction of the Northern Pacific Railroad (then the Milwaukee and Union Pacific), and a line was planned that would extend from the Great Lakes to Tacoma.

In 1873, as Northern Pacific Railroad executives toured Washington in search of a terminus for their new railroad line, cities up and down the Puget Sound competed for the honor, offering perks and financial advantages, knowing that with the railroad would come industry, a growing population, and wealth. In July 1873, Northern Pacific executives announced that Tacoma’s Commencement Bay would be the railroad’s new terminus. It was undeveloped and closer to the rail line’s route along the Columbia River than Seattle. The decision set off a bitter rivalry between the two cities and kicked off decades of rail expansion in the area, thrilling entrepreneurs like Tacoma’s first promoter, Matthew McCarver, who had located the city on Commencement Bay hoping to attract the railroad to its deep-water port (MacIntosh and Wilma 1999).

4.6 Historical Contexts for the Project Segments

This section focuses on the context for historic developments within and near the APE for TDLE in both Pierce and King counties. Because there are differences in the developmental histories along the length of the APE, it has been broken into three sections covering the project’s four segments: the Federal Way and South Federal Way Segment, the Fife Segment, and the Tacoma Segment.

4.6.1 Federal Way and South Federal Way Segments

The northern segments of the APE are in the City of Federal Way and cross through a small section of both unincorporated Pierce County and the City of Milton. While urban centers like Tacoma and

Seattle were quick to grow, today's Federal Way area was slow to develop. In the 1850s, under supervision of the U.S. Army, surveyors began to prepare a road between Fort Steilacoom in Pierce County and Fort Bellingham in Whatcom County. It was designed to allow for the movement of troops and supplies and to support increasing development in the region. The "Military Road," as it was known, relied on existing pathways, including one in today's Federal Way. Today, portions of Military Road remain, following a path east from Tacoma, north along the west side, and then over the top of Lake Washington and north again to Bellingham (Meador 2014).

While the road was designed to ease the movement of troops, the transportation corridor allowed for increased exploration in the area. In 1871, Sam Stone established a homestead in Redondo along the banks of the Sound, believed to be the first settlement in the Federal Way area. He was joined by others who settled near the area's many small lakes, some of whom started sawmills to support local construction. By 1880, a school was established at Star Lake, approximately 6 miles north of the APE, near where the town's first post office would be established in 1891. In 1890, Arthur Steele settled at what is now known as Steel Lake, approximately 1 mile north of the APE, which would become the site of one of the area's first sawmills in 1890. By 1884, a school was located slightly east of today's I-5 at roughly S 360th Street, directly east of the APE. While settlement picked up slowly, timber was plentiful. Homesteaders constructed log cabins, logged the surrounding area, and constructed skid roads to move their logs to the Sound for distribution and corduroy roads for overland travel (Historical Society of Federal Way 2015). In 1885, African American pioneers John and Mary Conna settled on 175 acres near Panther Lake, approximately 1 mile west of the APE. In 1900, Weyerhaeuser Timber Company incorporated in Tacoma, purchasing between 800,000 and 900,000 acres of timber, including some in Federal Way, from the Burlington Northern Railroad at 6 dollars per acre (Historical Society of Federal Way 2015).

Also during this time, the Catholic Church established Saint (St.) George's Indian School for the Muckleshoot Indian Tribe at the present location of the Gethsemane Cemetery, on the King/Pierce County line within the APE, after Father Hylebos purchased land at the location in 1888. A school was built and opened to students that same year. Children from Tribes throughout the Pacific Northwest and Alaska attended the school, where they received basic education and training in agricultural and household skills. A cemetery was established on the school grounds soon after it was opened, as deaths occurred among the students. Deceased individuals from the neighboring farm community were also reportedly interred in the cemetery, which was located within the APE between present-day I-5 and the Gethsemane Cemetery (former school location) to the west. The school operated until 1937, when it closed due to a lack of funding (Boswell and Rinck 2017:17, 18, 19, 22, 28).

Not until the turn of the century did Federal Way attract much commercial development. In 1904, Charles Betts opened the first store in this rural community, which was generally otherwise limited to small farmsteads. It would grow into a local recreation area known as Redondo Beach. While the area remained sparsely developed, as early as 1910, the Pacific Highway Association was meeting in Seattle to discuss how to construct a highway between Mexico and Canada. In 1915, the U.S. Army Corps of Engineers began constructing a dirt road while headquartered at Camp Lewis. In 1925, the U.S. government designated the original dirt road an interstate highway, US 99 (also called Pacific Highway), thereby freeing up federal funds for paving the section between Tacoma and Seattle, which ran alongside Military Road in many places and was sometimes known as the "federal way" (Givens 2017). Completed in 1930, the highway connected today's Federal Way to the rest of the west by way of a smooth, generally straight, concrete thoroughfare, but the Great Depression, which descended in the 1930s, stalled roadside development in the area. The Depression was followed by World War II, which centered resources on the war effort, further curtailing growth in small rural hubs and concentrating new growth in Seattle and Tacoma, where

ship and airplane builders were most active. As part of the war effort, the U.S. government also leased the former school buildings at the former St. George's Indian School in 1943. The buildings were later converted to apartments following the war (Boswell and Rinck 2017:30, 35).

With the end of World War II, development again picked up in the area, and those traveling US 99 soon found restaurants, diners, and hotels in today's Federal Way, along with roadside attractions and shopping centers, including the Federal Shopping Way mall at the southwest corner of US 99 and S 312th Street, just northwest of the APE. The mall opened in 1955, the first shopping mecca in the area and a precursor to a neighboring amusement park with rides, historic exhibits, and a narrow-gauge railroad (despite the owners' ambitious plans, the venture went bankrupt in 1962). In 1958, as infrastructure continued to improve, State Route (SR) 18 was constructed south of I-5, connecting Federal Way to Auburn, Washington. Concurrently, private developers funded large industrial and residential projects, such as Ninelake Residential Park east of US 99 at S 320th Street near the APE (Givens 2017; Historical Society of Federal Way 2015; Stein 2003).

Like many small communities in Washington, Federal Way saw expansion in the late 20th century due to the construction of I-5 just 1 mile east of US 99. In 1962, Governor Albert A. Rosellini opened the 13.5-mile stretch of I-5 from the Puyallup River to Midway. Subsequently, US 99 was downgraded to a state highway and renamed SR 99 (Pacific Highway). Soon, construction teams were building new housing developments, some of which were built to accommodate employees of a nearby Boeing plant and their families. In 1968, Weyerhaeuser began to build its corporate headquarters in Federal Way. It opened officially in 1971. It was also during this time in the early 1970s that the buildings of the former St George's Indian School were demolished as part of the development of the Gethsemane Cemetery (Boswell and Rinck 2017:36). In 1975, SeaTac Mall opened between US 99 and I-5, attracting 20,000 enthusiastic visitors in its first week. In 1976, the SeaTac Village Shopping Center opened across the street from the mall, and in 1979, a 798 car, 5.62-acre park-and-ride lot opened off I-5 at S 320th Street. At the time, it was the largest such lot in Washington. Other large developments included the Wild Waves Pool at Enchanted Village, which remains visible east of I-5 today; St. Francis Community Hospital; and a Federal Way Costco store, all constructed in the 1980s (Historical Society of Federal Way 2015; Stein 2003). Federal Way attempted to incorporate first in 1971, then again in 1981 and 1985, but failed. In 1989, voters finally approved incorporation, and the City of Federal Way was officially incorporated in 1990 (Stein 2003).

4.6.2 Fife Segment

South of Federal Way and east of Tacoma is the city of Fife, located across the Puyallup River from Tacoma on fertile agricultural land ideal for supporting orchards, vegetables, and flowers. In the Fife Segment, the APE runs east and west along Pacific Highway and I-5 in what has developed into a commercial corridor.

Fife was originally part of the 1,280-acre Puyallup Reservation, established by the Medicine Creek Treaty in 1854, and expanded to 18,060 acres by presidential order in 1857 (Figures 4-1 and 4-2). The reservation included the banks of the Puyallup River and stretched up into the tidelands of Commencement Bay and inland to the east. The treaty allowed the Puyallup Tribe of Indians to divide the land into independent lots for individual Tribal members rather than maintain the entire reservation as one communal land holding. However, under these rules, those lands that were not partitioned and allotted could be considered surplus, and surplus reservation lands could be sold to non-native buyers. As the numbers of Tribal members decreased due in part to diseases like smallpox, more and more of the Puyallup Reservation became available for non-native occupation (Caldbick 2013).

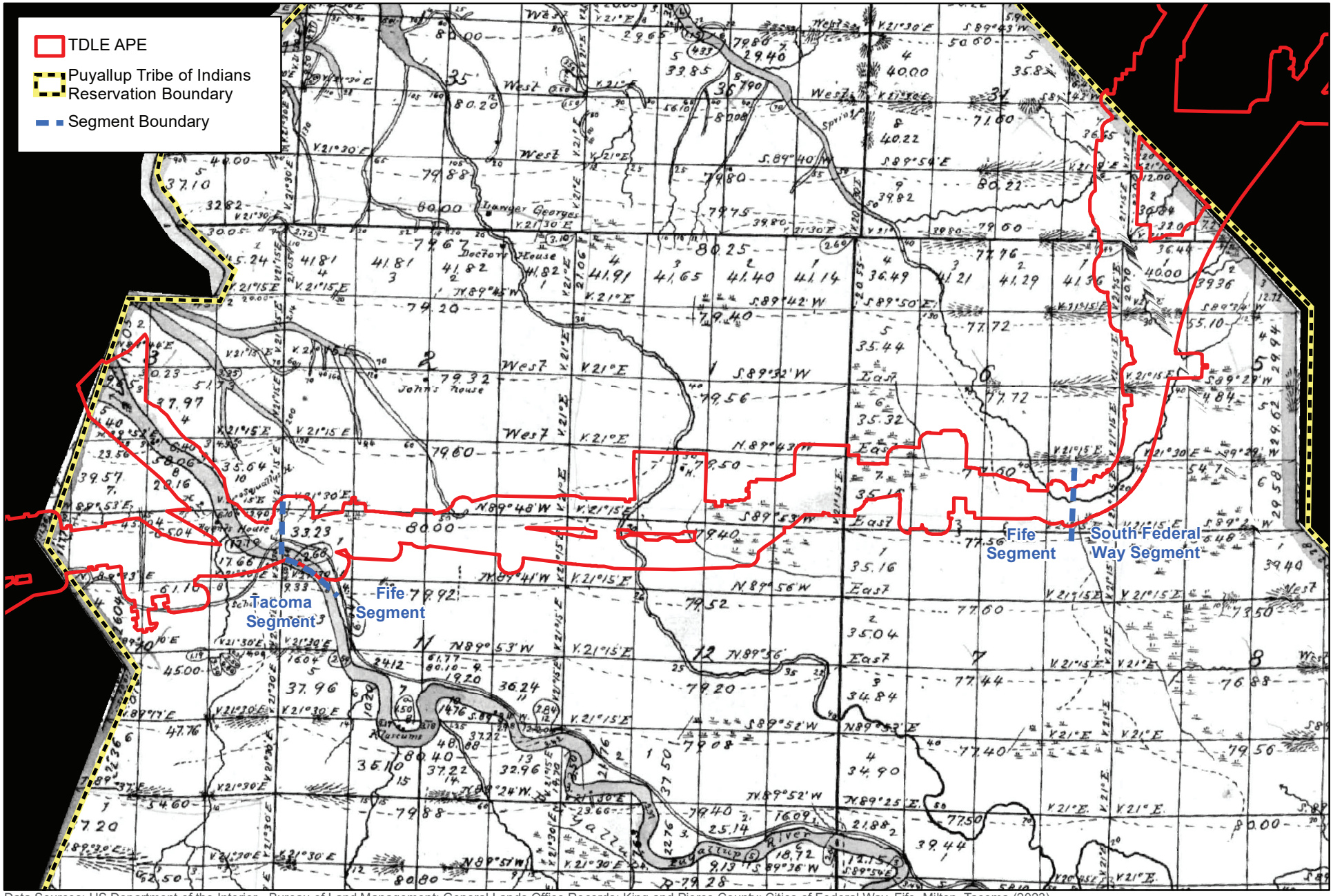

Data Sources: US Department of the Interior - Bureau of Land Management: General Lands Office Records; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

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FIGURE 4-1
APE and Puyallup Reservation GLO 1874
Tacoma Dome Link Extension

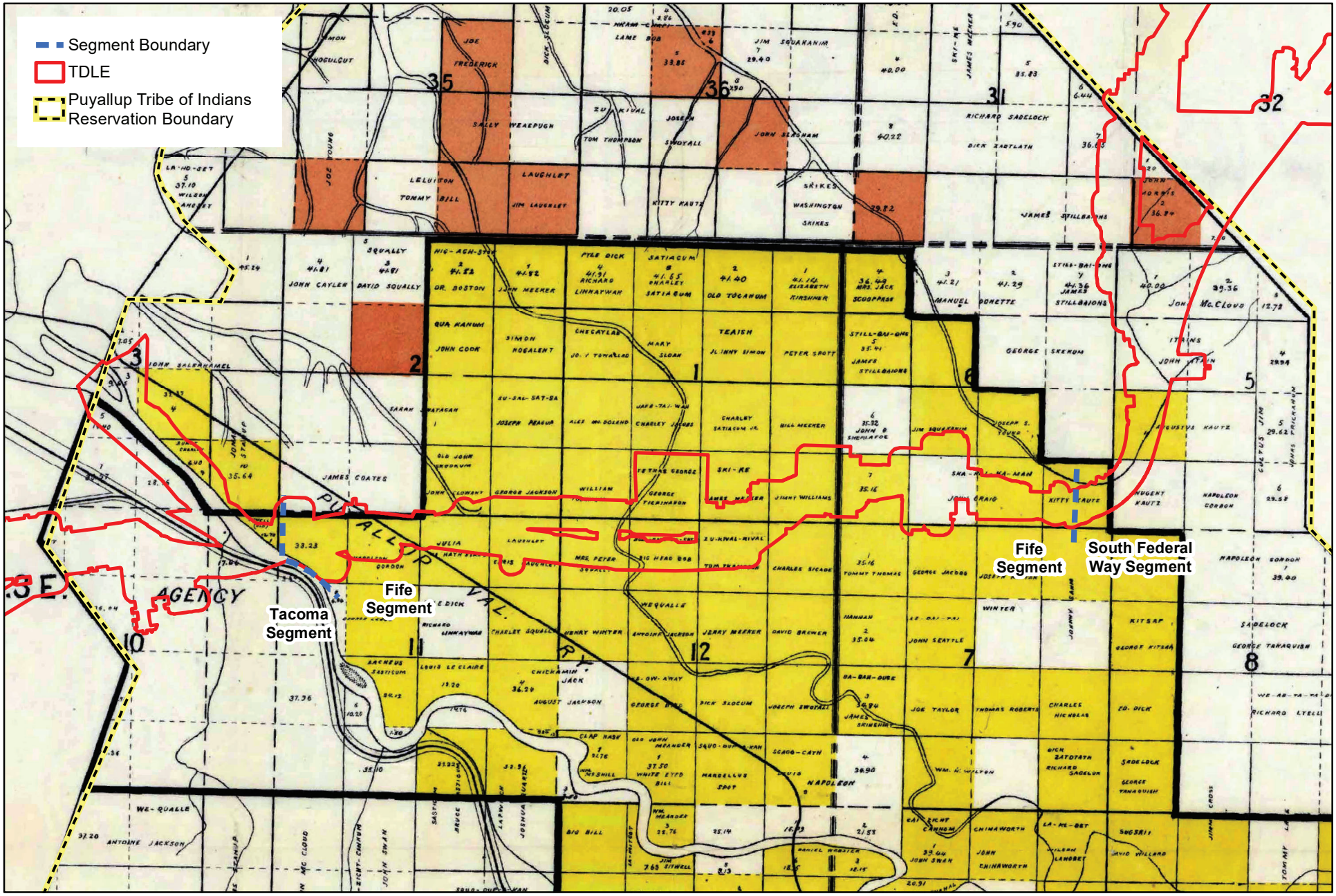

Data Sources: Washington State University Libraries - Report of the Puyallup Indian Commission 1892; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

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FIGURE 4-2
APE and Puyallup Reservation Allotment 1892
Tacoma Dome Link Extension

Initially, Tribal members were forbidden from selling portions of their individual allotments. However, in 1903, this prohibition was lifted, and many tribal members sold portions of their lands, often for less than they were worth, to non-native settlers, primarily farmers (Caldbick 2013). In the 1890s and early 1900s, Henry Sicade, a prominent Puyallup tribal leader, helped negotiate the leasing and purchasing of reservation land. New residents, who were often immigrants from Japan, Switzerland, Italy, or Germany, worked to clear the land of trees, remove rocks and stumps, and build the fences required to corral livestock. Using immigrant labor, farmers like John McAleer, originally from Ireland, were able to acquire and cultivate 400 acres, which he used for farming vegetables and dairying in the early 20th century. His neighbors in Fife included Swiss dairy farmers, Japanese gardeners who trucked vegetables and berries to nearby marketplaces, and others who grew bulbs to be sold in Tacoma and, eventually, abroad.

According to historian John Caldbick:

> In the last decades of the nineteenth century and the first two decades of the twentieth, a surge of European and Asian immigration flowed into the Fife area. By purchase or by lease, more and more Puyallup Reservation land ended up owned or controlled by non-Indians. Immigrants, many from Japan or Italy, who came to work on existing farms, often stayed and bought or leased farms of their own. Piece by piece, over years, almost all of the Puyallup Reservation fell out of Native ownership [Caldbick 2013].

According to Caldbick (2013), by 1934, all but 33 acres of the Puyallup Reservation land had passed out of Tribal control, although the boundaries of the reservation remained the same, encompassing parts of Tacoma, Federal Way, Puyallup, Edgewood, and Milton. In 1990, after many years of litigation, a settlement was reached to compensate the Puyallup Tribe of Indians for its lost lands. In return for ceding legal ownership, the Tribe received 162 million dollars in cash disbursements, 900 acres of waterfront property, and other rights and considerations.

Fife was first known as Gardenville, a name that spoke to the agricultural character of the region at that time (Kaelin 2011; Caldbick 2013). Like many communities in western Washington, however, Fife's character and trajectory as a town changed with the evolution of transportation. First, the Northern Pacific Railroad completed a transcontinental rail line that traveled through today's Fife and terminated in Tacoma in 1873. Then came US Highway 99, a new paved highway completed through Fife in the 1920s along the route of the former Military Road, mentioned above. The Puyallup River Bridge that links Tacoma and Fife was completed in 1927. As the popularity of the personal vehicle exploded during the first half of the 20th century, the former US Highway 99, now State Route 99 (SR 99), attracted explorers, vacationers, and those moving between expanding urban centers like Tacoma and Seattle. Restaurants, hotels, and other retail operations sprung up along the roadway, encouraging drivers to stop and visit local businesses, while much of the rest of town remained relatively rural (Caldbick 2013) (see Attachment J5.4). As described by writers of the Works Project Administration in 1940, Fife "at a valley crossroads in the midst of a thickly settled berry growing and truck-gardening district is represented by a string of markets, taverns, shops, and a large balloon-roofed dance hall along the highway" (WPA 1941:483). The balloon-roofed dance hall, known as the Century Ballroom, opened alongside SR 99 in 1934 and attracted live musicians, including Louis Armstrong, Glenn Miller, and Lawrence Welk. It was built behind the Poodle Dog, a popular family restaurant with a big neon sign constructed in 1933, located within the APE. The Century Ballroom has since been demolished and replaced with a commercial strip (Bluhm 2016).

Gardenville was incorporated as Fife in 1957, and in 1960, I-5 was completed alongside SR 99 at the north end of town. Throughout the last half of the 20th century, I-5 attracted new commercial development to the area, including shopping centers, hotels, restaurants, and car dealerships, as well as large office and warehouse campuses located alongside Fife's railroad corridor. Today, little remains of the farms and agricultural lands that once defined the town, although some agricultural properties remain along the east banks of the Puyallup River. Some early examples of roadside commercial development along the former US 99 remain as well, among them local favorites like the Poodle Dog restaurant.

In 1996, the Puyallup Tribe of Indians purchased the Emerald Queen, a Mississippi riverboat casino, and brought it to the Port of Tacoma. In 2002, a bingo hall was added to the strip of land between I-5 and SR 99. It is now known as the Emerald Queen Hotel and Casino and is one of two locations along I-5 in the Tacoma/Fife area, a new symbol of Fife's continuous growth along the SR 99 and I-5 transportation corridors.

4.6.3 Tacoma Segment

In the Tacoma Segment, the APE is in the industrial and commercial district, between I-5 to the south and the rail yards to the north. US 99 once ran through this section of Tacoma as well, following E 26th Street to East G Street and running east to the Puyallup River, but today SR 99 officially begins at 54th Avenue E in Fife, east of Tacoma. Historic development in the Tacoma Segment began following the arrival of Euro-American settlers to the area. The original land claim of Section 37 of Township 20 N, Range 3 E, was Nicholas Delin (Claim No. 37 [505, O-480]) in 1850 (Washington Territory Donation Land Claim Patents, 1851-1903: 107). The growth of Tacoma as a whole soared during the 1880s when the population increased from 1,098 to 36,006 in 1890 after the Transcontinental Railroad Link arrived in 1884. Sanborn Fire Insurance Maps from 1888, 1896, and 1912 help illustrate the boom of industrial, commercial, and residential development during this time period (see Attachment J5.4). Both the Northern Pacific Railroad and the Port of Tacoma drove development along the tide flats south of Commencement Bay.

Development in the Tacoma Segment began on the original high ground generally located between East J and L Streets and E 25th Street to the east; East C to F Streets and E 23rd Street to the west; and wetlands, gulches, creeks, and tidal flats in between and north of each area. The draining and infilling of lowlands and lower "high" ground areas continued into the modern period (General Lands Office Survey 1867; U.S. Coastal and Geodetic Survey 1877 and 1892; Sanborn 1888 and 1896; United States Geological Survey (USGS) Aerial Photographs 1941 and 1957). Figures 4-3 and 4-4 show the APE overlain on select historical representations displaying the development of Tacoma. This type of landscape alteration assists with the preservation of historic land surfaces and potential archaeological materials. In conjunction with the protection granted by the infilling process, soils with saturated conditions (i.e., wetlands and tidal flats) also have exceptional preservation properties for artifacts that may typically decay shortly after deposition.

The infilling processes were not restricted to lowland areas. As the city of Tacoma expanded and improved its infrastructure, the East Tacoma Gulch was bridged and filled to grade west-northwest of the Tacoma Segment. This infilling process also resulted in the high ground of the northern side of the gulch to be filled in to create a seamless grade. Some sections of the high ground were graded out; however, the landscape overall seems to have had a history of being infilled rather than cut.

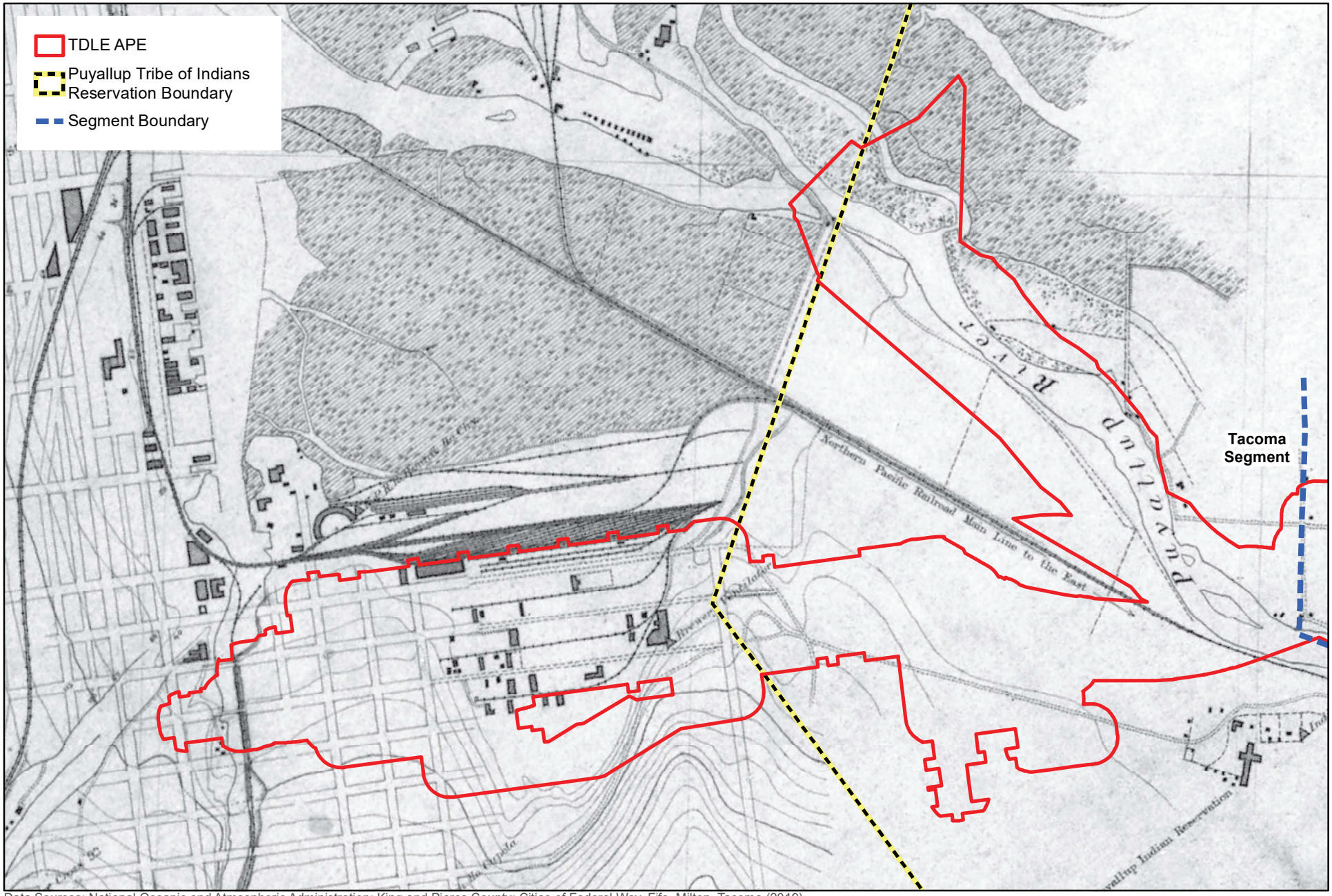

Data Sources: National Oceanic and Atmospheric Administration; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

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FIGURE 4-3
APE and Commencement Bay
1892 (T-2262)
Tacoma Dome Link Extension

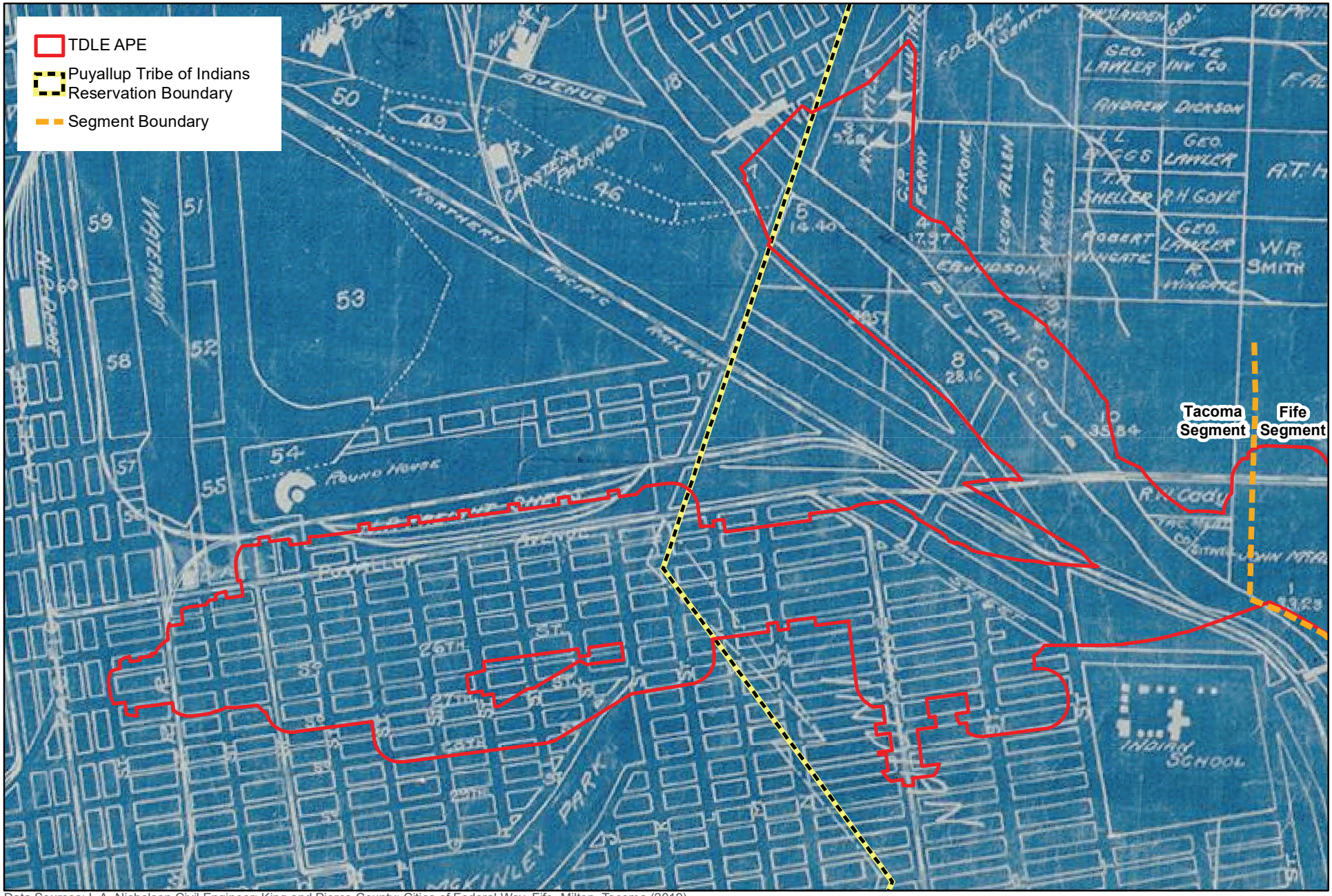

Data Sources: L.A. Nicholson Civil Engineer; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

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FIGURE 4-4
APE and Tacoma Tidelands
Rail and Manufacturing (1902-1912)
Tacoma Dome Link Extension

Once Commencement Bay was chosen as the terminus of the Northern Pacific's transcontinental railroad, Tacoma began to develop in two locations along the bay. The first, located on the hills west of the bay, was only a small town when the Northern Pacific decided to develop New Tacoma on the south end of the bay. The two developments were later merged.

International trade began from the tide flats south of Commencement Bay, a deep-water port, in approximately 1870, when Hanson & Co. mills began supplying local lumber to Peru's chief port. By 1873, Hanson was also shipping to Melbourne, Australia. Also, in 1873, the Northern Pacific bought Hanson's mill and 600 acres of tide flats to develop its nationwide railroad system (Long 2003; Magden 2008).

The Northern Pacific proposed not only to link the West to a network of rail lines stretching across the continent but also to link Tacoma to nearby coal fields, preparing Commencement Bay to grow into a shipping hub and central distribution point for coal, lumber, and local crops, such as hops. Sawmills, shingle mills, and brickyards soon sprang up along the tide flats, and Tacoma dredged a channel at the west of today's port that became known as the City Waterway. With the coming railroad, international trade expanded. By 1883, the transcontinental link was completed, and from 1887 to 1892, Tacoma's port welcomed 16 ships with 37 million pounds of tea from traders in Japan and China, who were shipping their product across the United States from Commencement Bay. In 1887, the Port of Tacoma became the shipping point for Washington wheat as well. Also in the late 1880s, Thea Foss, a Norwegian immigrant, purchased her first boat at Commencement Bay for 5 dollars. She sold it for three times that much and used the proceeds from this and subsequent sales to launch Foss Maritime, a now-famous empire in which her husband Andrew built tugboats and she made them available for rent or sale. Foss Maritime grew into one of the West Coast's largest tugboat and marine services companies, and the City Waterway is now named after Foss, who was one of the many local entrepreneurs who used the waters of the Puget Sound as the primary transportation route to communities along its banks in the days before roads, streetcars, and passenger vehicles (Long 2003; Magden 2008). In 1889, Washington achieved statehood, and in the dynamic decade between 1880 and 1890, Tacoma's population grew from 1,098 to 36,006 (Wilma and Crowley 2003).

Trade at the port dwindled in the 1890s after the Economic Panic of 1893, which brought down banks and other businesses. Under increasing competition from Seattle, Tacoma's port struggled, although it continued to grow its lumber industry. By 1907, the Port of Tacoma hosted 135 lumber handlers, and its 22 sawmills worked around the clock (Magden 2008).

Railroads were also in transition during this period. In 1904, the U.S. Supreme Court broke up monopolies, including Northern Pacific, and soon the Union Pacific Railroad, the Great Northern Railway, and the Milwaukee Road were building lines into Tacoma. As part of its innovative rail line, the Milwaukee Road built a 1,500-foot-long timber trestle over the marshy tidelands south of Commencement Bay in the APE. The trestle required constant maintenance and was later rebuilt. After the Milwaukee Road eventually went bankrupt, the trestle served Sound Transit's Sounder commuter rail line and Tacoma Rail until it was replaced in 2017 (Caldbick 2015).

As railroad development increased, other efforts were underway to develop the land around Commencement Bay and provide a stable base for industrial growth. Beginning in 1913, Pierce and King counties launched a series of programs to straighten and control the Puyallup River to end persistent flooding – although flooding continued throughout the historic period. Some levees from between 1913 and 1940 remain in place today. The Northern Pacific and Great Northern were also involved in land management, helping to dredge waterways and fill wetlands. Soon, the lands south of the Port of Tacoma supported warehouses, wharves, and

other facilities, including passenger depots like the one constructed at 25th Avenue and A Street for the Tacoma Eastern Railroad, since demolished, and the Milwaukee Road freight house, constructed in 1909 and now known as Freighthouse Square, a commercial building adjacent to a Sound Transit passenger station. In downtown Tacoma, the Northern Pacific and Union Pacific built Tacoma's grand Union Station downtown in 1912. Also, in the early years of the 20th century, real estate developers saw opportunity and acquired large sections of the Puyallup Reservation in Tacoma for industrial development (Caldbick 2015). Businesses also sprung up around the railroad, including hotels, restaurants, and shops.

While transportation and industrial development expanded along the waterway, the neighborhood south of the bay also grew. Constructed as early as the 1880s, a community of residences sprung up along the area's first dirt roads as they were cut into cleared flat lands south of the wetlands. Known as the East School neighborhood for a large elementary school built at 519 E 28th Street in 1913, the neighborhood, and the school itself, would come to be known as Hawthorne. The Hawthorne neighborhood, developed alongside railroad lines and port industries, served working-class families employed by the railroads or nearby industry and stretched south of today's I-5 (Gallacci and Karabaich 2013).

World War I diverted attention and resources from local development but led to the major expansion of industries along Commencement Bay, including factories, mills, processing plants, and shipbuilding (Magden 2008). After the war, the Great Depression slowed trade and limited development until World War II ramped up production and distribution once more. Not only were materials and goods shipped from the port, but soldiers trained at nearby Fort Lewis were shipped overseas as well (Oldham 2011a).

With increasing development in the area, efforts were made to control flooding along the Puyallup River, which was diked by 1958 and crisscrossed with bridges connecting east and west Tacoma. Business at the Port of Tacoma grew during the mid- to late 20th century, and with the addition of new technologies and new management, made the transition to container shipping beginning in the 1970s. Tacoma continued to be a major shipping port for the timber industry and continued to expand trade with countries including China, Japan, Taiwan, and Korea (Oldham 2011b). According to one historian, the arrival of Sea-Land and Maersk in 1985 made the Port of Tacoma the fastest-growing port in North America (Oldham 2011c).

The 1980s were a period of change south of Commencement Bay. In the project area, construction of I-5 led to the demolition of homes and other buildings associated with the Hawthorne neighborhood, and in 1981, the Hawthorne School was demolished along with additional residences to make way for the Tacoma Dome, which opened in 1983, first with a rodeo and then with a David Bowie concert (Gallacci and Karabaich 2013: 60).

According to one historian, between 1877 and 1988, 90 percent of the Puyallup River mudflats were filled (Caldbick 2013). Since then, the area has remained a busy commercial and industrial section of the city and a hub for transportation networks, including Sound Transit's light rail and commuter rail service.

5 METHODS

5.1 Archaeological Field Investigations

Archaeological survey was conducted within the APE, primarily within the permanent footprint and construction limits for the project, which are referred to as the areas of potential ground disturbance. The survey was conducted within municipal and state rights-of-way and parcels for which rights of entry were procured by Sound Transit. Prior to the field investigations, a pre-field investigation was conducted to identify locations within the area of potential ground disturbance that would be accessible for investigation. Subsequent investigations were conducted in these locations, including pedestrian survey, subsurface shovel probes and hand augers, and/or archaeological borings.

Information and data derived from archival research (Section 4) and the archaeological literature (Section 7) helped to inform the location and nature of field investigations to identify cultural resources within the APE. The following sections describe the archaeological field methods used during field investigations.

5.1.1 Utility Locates

The State of Washington requires that consultants/contractors call for utility locates prior to conducting fieldwork. HRA prepared and submitted utility locate requests for the project location through Washington State's Utility Notification Center via their website prior to fieldwork in various portions of the APE between December 2020 and March 2021 and between May and July 2023. In addition, HRA arranged with CNI Locates, Ltd., to perform a private utility locate within a portion of the APE in the Belmor property.

5.1.2 Near-Surface Survey

The near-surface[1] archaeological field investigations began with the identification of areas of potential ground disturbance that were accessible for subsurface investigation. The methods used in the near-surface survey followed those outlined in the project Cultural Resources Survey and Inventory Plan (Viloudaki et al. 2020), unless otherwise noted below. Investigations within the areas of potential ground disturbance near previously documented sites were undertaken as practicable. Archaeological sites that have been previously determined not eligible for listing in the NRHP and are within the potential area of ground disturbance were not revisited. Sites within areas of potential ground disturbance that do not have a formal NRHP eligibility status or are eligible for listing in the NRHP will be addressed during a later phase of investigations. However, investigations were conducted within the areas of anticipated ground disturbance near previously documented sites (e.g., 45PI488). Three general categories of archaeological field methods are described below.

Results of field investigations are described in Section 9.1.

[1] The term "near-surface" is used throughout this document to discuss archaeological investigations and finds that occur in the upper 3 to 5 meters (10 to 15 feet) across the APE. This term aids in distinguishing these shallower investigations from deep explorations conducted for geoarchaeological purposes.

5.1.2.1 Pedestrian Survey

A pedestrian survey was conducted within the Area of Potential Ground disturbance using adjacent transects spaced at 10-meter (33-foot) intervals (maximum). Transect coverage and areas not subject to pedestrian reconnaissance due to artificial surface coverage (pavement or imported fill) are identified and documented in the survey results in Section 9.1 and in Attachments J5.7 and J5.8.

5.1.2.2 Shovel Probes and Hand Auger Coring

Shovel probes and hand augering were used to investigate areas where potential ground disturbance is anticipated to be approximately 3 meters (10 feet) deep or less. Hand augering to depths greater than 3 meters (10 feet) was conducted in select locations. This includes shovel probes in which potentially sensitive soils were encountered between 80 and 100 cm (2.5 and 3 feet) and, more broadly, shovel probes excavated within the Tacoma and Fife segments, where soils are generally much deeper than those in the Federal Way and South Federal Way Segments (see below). In all cases, excavations that began as shovel probes and continued as auger cores, are referred to as auger cores in this technical report.

Shovel probes were spaced approximately 20 meters (66 feet) apart in areas of moderate to high archaeological probability and approximately 30 meters (100 feet) apart in areas where the probability of encountering archaeological resources is low. Shovel probes were excavated approximately 5 meters (16 feet) apart near Site 45KI866 (Gethsemane Cemetery) and Site 45KI867 (St. George's Cemetery) in the southern part of the South Federal Way Segment.

Areas of apparent previous disturbance were identified and classified as low sensitivity areas. These include portions of the APE that were clearly covered with deep fill deposits, such as artificial berms adjacent to I-5 and nearby streets that were not investigated for the project. However, shovel probes were excavated in areas that appeared to have previous disturbances shallower than the depths of potential disturbance associated with the project.

Each shovel probe was a minimum of 30 cm (1 foot) in diameter and was excavated up to 1 meter (3 feet) below grade, or up to 20 cm (8 inches) into intact glacially derived parent material (e.g., intact glacial till or outwash). At the bottom of selected shovel probes, a 5-inch-diameter auger probe was used to extend the depth of the probe. Auger probe extensions were excavated when potentially sensitive soils (e.g., paleosols, peat) were identified between 80 and 100 cm (2.5 and 3 feet) bgs within shovel probes. Where deeper fill was present, shovel probes were replaced with auger cores that could be used to more efficiently investigate soils underlying fill.

Probes were terminated in cases where rock obstructions, high water tables that caused sediment cave-in, excessively compacted sediments, root obstructions, and concrete obstructions prevented deeper excavations. Within the Fife and Tacoma segments, all shovel probes were extended with an auger core to assess archaeological potential, except in the circumstances noted above, where conditions (e.g., water saturation, large rocks) resulted in the termination of shovel probes at shallow depths. In some cases within these segments, glacially derived parent material was encountered in shovel probes, halting excavations in lieu of being extended with an auger core. In accordance with the project Cultural Resources Survey and Inventory Plan (Viloudaki et al. 2020), auger cores in the Fife and Tacoma segments were excavated with a targeted depth of up to 5 meters (16 feet), but water-saturated sediments that could not be effectively retrieved with augers limited the maximum excavated depth to 365 cm (12 feet) bgs.

All archaeologically excavated materials were screened through 1/4-inch wire mesh hardware cloth. Global positioning system coordinates were collected for each shovel probe and auger core. Soil types and colors were documented using the Munsell Soil Color Chart for each shovel probe and auger core. If sediment change was observed during excavations, the depth of transition and information on whether the transition is abrupt or gradual was documented. A brief statement of stratigraphic interpretation was compiled for all geographical areas where general stratigraphic trends were identified. Each shovel probe and auger core was photographed.

All archaeological sites and isolates observed were photographed and documented pursuant to the Washington State Standards for Cultural Resource Reporting (DAHP 2021a). All artifacts encountered were photographed with a scale and then returned to the location of the find. In contrast to the methodology outlined in the Cultural Resources Survey and Inventory Plan (Viloudaki et al. 2020), sketches were not made of individual artifacts identified in the field due to the fact that photographs adequately captured meaningful information derived from the classes of artifacts (e.g., fragments of glass, metal, ceramic) identified during the field survey.

Archaeologists also excavated shovel probes in the vicinity of both the subsurface and surface finds to establish the boundaries for the resources and examine the nature of their subsurface components (if any). For isolated finds, shovel probes were spaced no greater than 5 meters (16 feet) from the locations of the cultural material. For archaeological sites covering a broader area, shovel probes were spaced less than 20 meters (66 feet) apart to establish approximate boundaries of the resources.

5.1.3 Archaeological Boring

5.1.3.1 Archaeological Boring Field Methods

Archaeological boring was performed to sample deep sediments within the APE and to assess them geoarchaeologically, following the project Cultural Resources Survey and Inventory Plan (Viloudaki et al. 2020). This analysis focuses on the human interaction with the landscape and the geological history of landscape development through time as factors in determining the probability that archaeological sites will be present. Based on geological and geotechnical information, late Pleistocene to Holocene-age sediments are present at depths greater than those testable through shovel probing or hand augering primarily in the Tacoma and Fife segments. Glacial deposits were present at shallow depths below the ground surface throughout most of the South Federal Way Segment, so mechanical deep testing was planned along this segment only where deep archaeological potential was anticipated, specifically near the southern end of the segment.

Proposed archaeological boring included 40 bores located within the South Federal Way, Fife, and Tacoma segments (Attachment J5.4 includes figures showing the locations). Bore locations were selected based on two factors. The first set of bores was placed at roughly 400-meter (1,312-foot) intervals along the length of the proposed alignments. The second set of bores was placed at locations selected based on previous knowledge of subsurface conditions (e.g., geoarchaeology), ethnographic data, modern informant testimony, and/or environmental features with high archaeological potential. Total depth of sampling was determined by two considerations: anticipated depth of effects and subsurface geologic conditions. Bores extended to within the proposed range of depth of disturbance by the project, when feasible, or until glacial materials were reached. In some cases, boring was terminated due to groundwater issues, such as encountering a high-flow artesian well, because of concerns about contamination from potentially hazardous waste materials or because of limited access to the location. In bores that encountered glacial materials before reaching the proposed depth of

disturbance, at least 1.5 meters (5 feet) of glacial materials were recovered at each bore location before drilling was ceased in that hole, except as otherwise noted above. Information from geoarchaeological and previous geotechnical studies conducted in the vicinity were referenced to ensure coarse-grained lahar materials were not misinterpreted as glacial deposits, leading to premature cessation of boring.

Archaeological bores were excavated using a variety of methods appropriate to the landform, including direct push Geoprobe or sonicore drilling methods. Both methods recovered continuous core sections that were examined to reconstruct depositional histories, identify buried surfaces or soils, and determine their context and whether archaeological materials were present. The type of boring method used depended on a variety of factors. In general, direct push boring with a Geoprobe provides the quickest, most cost-effective means of extracting sediment samples, with excellent stratigraphic integrity (Figure 5-1). This type of boring is reliable only to depths of around 12 to 15 meters (40 to 50 feet) and in fine-grained clays, silts, or loams. Coarse sands and gravels can be recovered using a Geoprobe, but it is much more difficult, and the recovery success rate is inconsistent.

Figure 5-1 Archaeological Boring Using a Geoprobe at AB-20

For retrieval of sediment greater than 12 meters (40 feet) in depth or very gravelly sediments that cannot be retrieved with direct push boring, sonicoring was the preferred method due to its speed and run length (length of core sections), as well as the stratigraphic integrity of retrieved samples (Figure 5-2). Some samples were extruded into plastic bags for analysis during boring because this manner of extrusion is less costly and quicker, and analysis does not require the splitting of hard Lexan liners. A subset of core sediments extracted during sonicoring were collected in liners in order to retain better stratigraphic control for more precise sampling. This subset included areas with the greatest potential for containing archaeological deposits based on cultural and environmental factors, including proximity to streams or previously identified archaeological resources. Both boring methods retrieved samples in 1.5-meter (5-foot) sections, when possible. Partial recovery occurred in cases of very coarse gravelly deposits or supersaturated muds.

Figure 5-2 Archaeological Boring Using a Sonicore at AB-8

Due to access issues, landowner restrictions, and other factors, only 20 of the 40 locations were examined using mechanical boring techniques (Table 5-1). Sediments from all 20 bore locations were analyzed using geoarchaeological techniques to assess their potential for archaeological deposits (see Section 5.1.3.2, below). An additional six locations, where access was limited due to landowner or access issues and where deeply buried archaeological resources are not expected (e.g., glacial uplands), were investigated through geoarchaeological shovel probing. Geoarchaeological shovel probes were excavated using methods described in Section 5.1.2.2 above, but the sediments and stratigraphic profiles revealed in each probe were closely examined for geoarchaeological properties, such as lithology, color, grain size, inclusions, sedimentary structure, pedogenic properties, and stratigraphic breaks.

Table 5-1 Archaeological Bores and Geoarchaeological Shovel Probes Excavated for Geoarchaeological Analysis

Name[1]	Segment	Investigation Type (Drill)	Anticipated Depth of Disturbance by Project (ft)	Boring Depth (ft)	Boring Depth (m)	Reason for Termination
AB/SP-1	Tacoma	Shovel Probe	120–190	3.0	0.9	Glacial Materials
AB-3	Tacoma	Boring (Sonic)	120–190	80.0	24.4	Glacial Materials
AB-6	Tacoma	Boring (Sonic)	160–190	55.0	16.8	Groundwater Issue
AB-7	Tacoma	Boring (Sonic)	160–190	150.0	45.7	Glacial Materials
AB-8	Tacoma	Boring (Sonic)	160–190	150.0	45.7	Glacial Materials
AB-9	Tacoma	Boring (Sonic)	160–190	160.0	48.8	Glacial Materials
AB-12	Fife	Boring (Sonic)	120–190	150.0	45.7	Within Target Depth
AB-13	Fife	Boring (Sonic)	120–190	150.0	45.7	Within Target Depth
AB-14	Fife	Boring (Sonic)	120–190	100.0	30.5	Depth Reached during Time Allowed by Landowner
AB-17	Fife	Boring (Sonic)	90–120	120.0	36.6	Within Target Depth
AB-20	Fife	Boring (Geoprobe)	90–120	50.0	15.2	Max. Depth with Geoprobe
AB-21	Fife	Boring (Geoprobe)	90–120	50.0	15.2	Max. Depth with Geoprobe
AB-23 (SP-416)	Fife	Shovel Probe	90–120	2.3	0.7	Glacial Materials
AB-24 (SP-404)	Fife	Shovel Probe	90–120	1.3	0.4	Glacial Materials
AB-25	Fife	Boring (Geoprobe)	60–90	33.0	10.0	Glacial Materials
AB-26	Fife	Boring (Sonic)	90–120	100.0	30.5	Within Target Depth
AB-27	Tacoma	Boring (Sonic)	120–190	85.0	25.9	Glacial Materials
AB-28	Tacoma	Boring (Sonic)	120–190	75.0	22.9	Glacial Materials
AB-30	Tacoma	Boring (Sonic)	120–190	20.0	6.1	Contamination Concerns
AB-31	Tacoma	Boring (Sonic)	120–190	55.0	16.8	Groundwater Issue
AB-32	Fife	Boring (Sonic)	120–190	120.0	36.6	Within Target Depth
AB-33 (SP-280)	South Federal Way	Shovel Probe	120–190	2.6	0.80	Glacial Materials
AB-34 (SP-281)	South Federal Way	Shovel Probe	120–190	2.0	0.60	Glacial Materials
AB-35 (SP-286)	South Federal Way	Shovel Probe	120–190	2.0	0.60	Glacial Materials
AB-36	Fife	Boring (Sonic)	90–120	120.0	36.6	Within Target Depth
AB-40	Fife	Boring (Sonic)	120–190	150.0	45.7	Within Target Depth

Note:
(1) Names use the abbreviation AB for archaeological bores and SP for geoarchaeological shovel probes.

5.1.3.2 Archaeological Boring Laboratory Methods

HRA personnel split core sections in the laboratory for inspection. Each core section was photographed and described (logged). Samples were taken from bore sections for special analyses, such as accelerator mass spectrometry (AMS) radiocarbon dating. Sediment attributes of each core were recorded and characterized into types. Sediment types represent discrete, identifiable, often reoccurring depositional units that were discernible based on lithology, color, grain size, inclusions, and sedimentary structure. HRA noted the depth and thickness of each sedimentary type to recreate vertical stratigraphic sequences. The presence of disconformities (a boundary between sediment layers that represents a period of non-deposition or erosion), including abrupt changes in grain size or erosional surfaces, were noted to aid in defining transitions between types. Of note, sediment types are descriptive and do not correlate directly with specific depositional settings; individual types may be associated with multiple depositional settings depending upon their location in the core, inclusions, and position relative to other types. Interpretations of past depositional environments are conducted only after cored sediments have been assigned to depositional types.

Sediment types were deposited in specific depositional environments under specific depositional conditions. Types vary due to a variety of factors, including sediments source, energy required for transport and deposition, and position within the depositional system. By identifying these factors, HRA was able to assign each sediment type or groups of types into depositional units that correlate with anticipated attributes of sediments and inclusions of specific depositional environments, or “Depositional Setting.”

Interpretation of depositional environments and assignment of Depositional Settings were based on scientific literature concerning the sedimentary signatures of depositional environments, with special attention to geological, soils, and geoarchaeological studies conducted along the TDLE corridor. Depositional Setting types are defined as part of the results of the geoarchaeological investigations in Section 9.3 of the report. Sediment/strata that included possible cultural items were screened through 1/8-inch hardware mesh; all other sediments were screened through 1/4-inch mesh.

For situations where direct push or sonicoring was not possible due to access issues, shovel probes were excavated. The probes measured at least 35 cm (1.1 feet) in diameter at the surface and were excavated at least 20 cm (8 inches) into glacial materials. Sediments from these cores were logged and screened following the same techniques as those described for the bores.

Radiocarbon dating by accelerator mass spectrometry (AMS) was performed on selected botanical samples extracted from select sediment deposits to aid in the correlation of stratigraphic units and help reconstruct the depositional setting of the area through time. Samples were submitted to Beta Analytic, Inc. (Beta), and were processed using standard methods (Attachment J5.11). Calendar calibrated results were calculated using the 2013 database INTCAL13.

5.2 Geotechnical Monitoring

As part of the geotechnical investigations for TDLE, ATCRC staff monitored the extraction of 26 geotechnical bores. Soils were sampled using a 50.8-cm (20-inch) sample tube that was extracted at 0.76-meter (2.5-foot) intervals for the first 6.1 meters (20 feet) and at 1.5 meters (5 foot) intervals until the desired depth. Samples with visible archaeological materials were screened. These were washed and dried before screening through a 1/8-inch hardware cloth except for the sample from PRB-4-19 discussed in Sections 9.2.2.5 and 9.3.

5.3 Built-Environment Survey and Documentation

A built-environment survey and inventory for the project was undertaken that identified and documented built-environment resources within the APE. Built-environment resources are identified as those constructed in or before 1980 and likely to reach the age of 50 years, which is generally accepted as the age at which resources qualify for listing in the NRHP, before the project is constructed. Cemeteries within the APE were not surveyed because these were considered archaeological resources, unless they included built-environment resources constructed in 1980 or earlier, as in the Gethsemane Cemetery. In this instance, only architectural resources constructed in 1980 or earlier were surveyed. Likewise, there was no survey of resources within the expanded areas of the APE (i.e., more than 200 feet from the proposed construction corridor), including resources in the area near Pacific Highway E and 12th Street E, bounded on the west by Alexander Avenue E and 46th Avenue E on the east, and along the banks of the Puyallup River, where the APE was expanded in consultation with the Puyallup Tribe of Indians specifically to consider cultural resources with unique sensitivities to noise, visual, and other effects (see Section 3 for additional discussion). Buildings, structures, and objects more than 200 feet from the construction corridor were not anticipated to have this increased level of sensitivity and were excluded from survey. Additionally, in oversized parcels that extended more than 200 feet from the proposed construction footprint, survey was limited to the 200-foot corridor unless the oversized parcel was most appropriately considered as a single site or complex. Finally, transmission system elements, including lines, towers, and substations, were not surveyed, as they were previously documented in a separate report prepared by the transmission system's owner, Bonneville Power Administration (BPA). In 2020, as the lead federal agency under NEPA, BPA conducted its own consultation with SHPO under Section 106 regarding the relocation of towers along the Tacoma-Covington No. 2, 3, and 4 and Tacoma-Raver No. 1 transmission lines in association with a project at the north end of TDLE. BPA determined that the transmission lines were eligible for listing in the NRHP, but that proposed tower relocation does not constitute an adverse effect under Section 106. In a letter dated August 19, 2021, SHPO concurred with the finding. Therefore, no additional analysis of effects on the transmission lines was warranted.

Archival research, including review of King and Pierce County Assessor's records, resulted in the compilation of maps and a database identifying built-environment resources by build date within the APE. Survey and inventory were limited to built-environment resources expected to reach the age of 50 years or older by the initial start of construction for TDLE (i.e., built in 1980 or earlier).[2]

[2] In cases where no dates of construction were available in assessor's records, but a review of maps or aerials photographs suggested that architectural resources may be present, Sound Transit conducted a field visit. When architectural resources were present, they were added to the survey and documented.

The resulting database was compared with WISAARD to determine which resources had current and up-to-date Historic Property Inventories (HPIs) on file with DAHP. Per DAHP Cultural Resource Survey Reporting Guidelines (January 2020), built-environment resources with existing HPIs that were prepared 10 or more years ago were resurveyed and documentation updated. During consultation, the project proponent, lead agency, and consulting parties reviewed existing HPIs prepared between 5 and 10 years ago for resources within the APE. If HPIs were completed within the previous 5 years for resources within the APE, the HPIs were considered up to date and no further research or documentation was done. Attachment J5.3 contains maps identifying those tax parcels where built-environment resources required survey and inventory.

Field teams documented all built-environment resources in the project database that dated to 1980 or earlier and had not been documented in WISAARD within the last 10 years, or were excluded from survey, as described above. Teams used electronic tablets and digital cameras, generating field notes documenting architectural style, materials, workmanship, modifications, and condition, supplemented by digital photographs. They recorded any additional details relevant to the assessment of integrity and eligibility.

Based on this information and additional archival research, recommendations on eligibility for listing in the NRHP are provided for each property identified as a result of this survey. To be eligible for listing in the NRHP, a resource must meet one of four criteria for significance (NRHP Criteria A, B, C, or D) and possess sufficient integrity to express its significance (NPS 1995). See Section 2, Regulatory Setting.

FTA has consulted on these eligibility determinations and effects addressed in this report with the SHPO, Tribes, and other consulting parties.

6 AGENCY AND TRIBAL CONSULTATION

Several federal statutes require federal agencies to consult or coordinate with Native American Indian Tribes. Key federal historic preservation and cultural resource protection statutes that require agencies to consult with Tribes or accommodate Tribal views and practices are summarized below:

National Historic Preservation Act of 1966 (NHPA), as amended, is the basis for Tribal consultation in the Section 106 review process. In particular:

- Section 101(d)(6)(A) states that properties of religious and cultural significance to Indian Tribes may be eligible for listing in the NRHP.
- Section 101(d)(6)(B) requires that federal agencies consult with any Indian Tribe that attaches religious and cultural significance to historic properties that may be affected by an undertaking.

The National Environmental Policy Act of 1969 (NEPA) contains language in the Council on Environmental Quality (CEQ) regulations mandating federal agencies to contact Tribes and provide opportunities to participate in the preparation of an environmental assessment or EIS.

The American Indian Religious Freedom Act of 1978 (AIRFA) contains language establishing federal government policies to protect the right of American Indians to exercise their traditional religions, ceremonials, and traditional rights including access to sites and the use and possession of sacred objects.

The Native American Graves Protection and Repatriation Act of 1990 (NAGPRA) directs federal agencies to consult with Indian Tribes prior to removal or excavation of Native American human remains on federally managed lands.

Executive Order 13175, Consultation and Coordination with Indian Tribal Governments (2000) directs federal agencies to consider Tribal government, sovereignty, rights, and responsibilities whenever policies are formulated that significantly affect Tribal governments.

Section 4(f), Department of Transportation Act of 1966, generally prohibits U.S. DOT agencies, including FTA, from approving projects that would use certain types of property, including traditional cultural properties (TCPs).

Table 6-1 lists the correspondence with Tribes, SHPO, and consulting parties for TDLE between 2020 and November 2024, which are included in Attachment J5.12. Recent Section 4(f) correspondence is included in Appendix D, Section 4(f) Evaluation.

Table 6-1 Section 106 Consultation

Date	Form	Participants	General Topics
March 26, 2020	Letter	FTA to SHPO and Tribes[1]	Area of Potential Effect definition
March 30, 2020	Letter	SHPO to FTA	Comment on Area of Potential Effects
November 5, 2020	Letter	FTA to SHPO and Tribes[1]	Revised Area of Potential Effects
November 4, 2020	Email	FTA to Tribes	Inadvertent discovery notification for geotechnical monitoring at location PRB-4
November 13, 2020	Letter	SHPO to FTA	Comment on Revised Area of Potential Effects
August 13, 2021	Letter	FTA to City of Fife	Invitation to be Section 106 Consulting Party
August 13, 2021	Letter	FTA to City of Tacoma	Invitation to be Section 106 Consulting Party
August 13, 2021	Letter	FTA to King County Historic Preservation Program	Invitation to be Section 106 Consulting Party
August 13, 2021	Letter	FTA to Washington Trust for Historic Preservation	Invitation to be Section 106 Consulting Party
August 13, 2021	Letter	FTA to Pierce County	Invitation to be Section 106 Consulting Party
August 18, 2021	Email	City of Fife to FTA	Accepted invitation to be Section 106 Consulting Party
September 8, 2021	Email	Washington Trust for Historic Preservation to FTA	Accepted invitation to be Section 106 Consulting Party
September 10, 2021	Email	King County Historic Preservation Program to FTA	Declined invitation to be Section 106 Consulting Party
September 2021	Email	Pierce County to FTA	Accepted invitation to be Section 106 Consulting Party
September 23, 2021	Email	City of Tacoma to FTA	Accepted invitation to be Section 106 Consulting Party
April 11, 2023	Letter	FTA to SHPO, Tribes, and Consulting Parties[1]	Revised Area of Potential Effects
April 20, 2023	Letter	SHPO to FTA	Comment on Revised Area of Potential Effects
May 29, 2024	Letter	FTA to SHPO, Tribes and Consulting Parties[1]	NRHP Eligibility Determinations
June 26, 2024	Letter	SHPO to FTA	Eligibility Determinations Concurrence
September 17, 2024	Letter	FTA to SHPO, Tribes, and Consulting Parties[1]	Finding of adverse effect for Project
September 25, 2024	Letter	SHPO to FTA	Concurrence with finding of adverse effect for TDLE project
October 18, 2024	Email	FTA to Advisory Council on Historic Preservation	Notice of finding of adverse effect for project and invitation to participate in preparation of Programmatic Agreement Development
October 31, 2024	Meeting	Sound Transit, FTA, Tribes, SHPO, and consulting parties	Meeting to discuss project and Section 106 process
October 31, 2024	Letter	ACHP to FTA	Additional information requested
November 13, 2024	Letter	ACHP to FTA	Declined participation

Note:

(1) Tribes include Puyallup Tribe of Indians, Muckleshoot Indian Tribe, Nisqually Indian Tribe, and Confederated Tribes and Bands of the Yakama Nation. Consulting Parties include City of Fife, Pierce County, Washington Trust for Historic Preservation and City of Tacoma.

7 RECORDS SEARCH

The electronic record search for the APE was limited to records housed in the DAHP Washington Information System for Architectural and Archaeological Records Data (WISAARD) database. Reviewed records included NRHP nomination forms, archaeological site and isolate records, cultural resource studies, cemetery locations, and other publicly restricted cultural resource data that were plotted on WISAARD within 1 mile of the APE.

To identify built-environment resources for survey and documentation, Sound Transit reviewed state and local archival records, including local histories, historic maps, newspaper archives, and additional online sources, as needed, to complete a historic context for the study area. King County and Pierce County Assessor's records were searched to identify buildings and structures within the APE that were old enough to meet city, county, state, and NRHP listing criteria (Attachment J5.3). Results of archival and records searches were paired with field inventory documentation to prepare recommendations for each surveyed resource's eligibility for listing in the NRHP.

Information on previous cultural resources studies within 1 mile of the APE is presented below and in Attachment J5.1. This is followed by a consideration and discussion of cultural resources within the APE. Cultural resources outside the APE but within 1 mile of the APE are then discussed. These data are presented to generate expectations regarding the types and locations of cultural resources that may be encountered during investigations for TDLE.

7.1 Previous Cultural Resource Investigations within 1 Mile of the APE

Within 1 mile of the APE, there are some locations that have had intensive survey for cultural resources and others with little or no previous study. The most heavily investigated locations are in the I-5 corridor, specifically the span of I-5 from the Tacoma Dome to the Puyallup River crossing, and the Wapato and Hylebos Creek crossings. Two other locations of intense investigation that overlap with the APE are the proposed State Route 167 (SR 167) interchange and extension near Hylebos Creek and I-5, and the Sound Transit rail corridor between E 25th Street and E 26th Street in Tacoma. Most cultural resource investigations within 1 mile of the upland Federal Way and South Federal Way segments of the APE have involved only surface survey and shovel probing, which has resulted in the identification of primarily historic-period archaeological sites in shallow, commonly disturbed deposits overlying glacial material or at ground surface in those segments (e.g., Earley 2005; Rooke 2011). In contrast, subsurface testing in the Holocene alluvial and wetland deposits within the Puyallup River basin between the Tacoma Dome and the Hylebos Creek crossing has resulted in the identification of precontact sites that are often deeply buried within these more dynamic depositional settings (e.g., Shantry et al. 2010; Sharpe 2009; Stevenson 2015).

In total, 128 previous cultural resource investigations have been conducted within a 1-mile radius of the APE. Attachment J5.1 provides lists the previous cultural resource investigations with accompanying maps for each segment in the TDLE corridor: Federal Way, South Federal Way, Fife, and Tacoma, respectively (the National Archeological Database [NADB] numbers associated with the overlapping study areas are illustrated in figures, and in the tables of previous cultural resource investigations).

7.2 Cultural Resources within the APE

Within the APE, 27 precontact and historic period cultural resources have been previously identified: Seven are built-environment resources that have been determined eligible for or are listed in the NRHP or the Tacoma Register, two are cemeteries, and 18 are precontact and historic period archaeological sites. Tables 7-1 through 7-4, below, provide summary information for the archaeological sites, built-environment resources, and cemeteries within the APE. Cultural resources within the APE are denoted in **bold**. The tables list all archaeological sites within 1 mile of the APE, by project segment. In December 2023, a separate project encountered one additional archaeological site, 45PI1631, that is also within the APE along the Fife Segment. Detailed information about the site is not currently provided in the DAHP WISAARD database. Due to the absence of additional information on WISAARD, this site is not included in the discussion below, but as information becomes available via WISAARD, this site will be incorporated into analysis for TDLE.

7.2.1 Archaeological Sites

A records search of WISAARD files found 54 previously recorded archaeological sites within 1 mile of the APE. **The rest of this section is redacted, contains privileged information that is not for public disclosure.**

Section above is redacted, contains privileged information that is not for public disclosure.

7.2.2 NRHP/WHR-Eligible or Listed Built-Environment Resources

Within the APE, five previously identified built-environment resources have been listed in or found eligible for listing in the WHR and NRHP (Table 7-5). One of these resources is the historic Engine House No. 4 that was listed in the NRHP in 1984. The remaining four built-environment resources include three railroad structures (one of which has been demolished) and two road

bridges that cross the Puyallup River (DAHP 2020c). See Attachment J5.1 for a complete list of NRHP-eligible and listed built-environment resources within 1 mile of the APE.

Table 7-5 NRHP- and WHR-Eligible or Listed Built-Environment Resources within the APE[1]

Segment/ Alignment	Resource ID	Name/Address	Year Built	NRHP/WHR Listing Status and Criteria	Reference
Tacoma - All alternatives	**31231**	**Milwaukee Railroad-Puyallup River Bridge, Tacoma (railroad crossing)**	**1910**	**Determined NRHP eligible under Criteria A and C**	**FHWA 2009**
Tacoma - All alternatives	**31786**	**Puyallup River Bridge, Tacoma (Pacific Highway E crossing)**	**1927**	**Determined NRHP eligible, criteria undefined**	**FHWA 2013**
Tacoma - All alternatives	**90499**	**East 21st Street Bridge, Tacoma (Lincoln Avenue crossing)**	**1929**	**Determined NRHP eligible, criteria undefined**	**FHWA 2008**
Tacoma - None (demolished)	**31669**	**Chicago, Milwaukee, St. Paul, and Pacific S-Turn Trestle (demolished)**	**1908**	**Determined NRHP eligible under Criteria A and C; demolished 2017**	**FTA 2014**
Tacoma 26th Street	**31673**	**Engine House 4 – Tacoma Fire Station No. 4, 220-224 E 26th Street, Tacoma**	**1912**	**Listed in the WHR and NRHP in 1984**	**DAHP 2020c**

Bold denotes within APE.

Note:

(1) One additional resource within the APE, the Puyallup River levees, were previously determined eligible for listing in the NRHP according to personal communications with the Washington State Department of Transportation; however, no documentation was found in WISAARD. Therefore, a new evaluation was prepared and appears in Section 9.4.

7.2.3 Tacoma Register of Historic Places-Listed Properties

In addition to the five built-environment resources that have been found eligible or listed in the WHR and NRHP, there are resources within the APE that are listed in the Tacoma Register of Historic Places (City of Tacoma 2020). The Carman Manufacturing Building is located within the permanent impact area for the Tacoma 25th Street-East Station and within the temporary impact area for the Tacoma 25th Street-West and Close to Sounder alternatives. Additionally, the Trecento Block is partially located within the APE adjacent to area of potential ground disturbance for utility realignment and nearest to the Tacoma 25th Street-West Station (Table 7-6).

Table 7-6 Tacoma Register-Listed Properties

Segment/Alignment	Resource ID	Name/Address	Year Built	Local, State, and National Listing Status	Reference
Tacoma 25th Street-West, 25th Street-East, and Close to Sounder	**N/A**	**Carman Manufacturing Building, 725 E 25th Street, Tacoma**	**1893**	**Listed in the Tacoma Register of Historic Places 2008**	**City of Tacoma 2020**
Tacoma 25thStreet-West Station	**N/A**	**Trecento Block, 309 Puyallup, Avenue, Tacoma**	**1919**	**Listed in the Tacoma Register of Historic Places 2018**	**City of Tacoma 2020**

Bold denotes within APE.

One additional building should be noted. Freighthouse Square, a large, well-known former rail depot, now a commercial operation, is also located within the APE. It has not been listed in the Tacoma Register of Historic Places, and was determined to be not eligible for listing in the NRHP by FTA in 2014 (City of Tacoma 2020a; DAHP 2020c).

7.2.4 Cemeteries

There are seven recorded instances of human remains or cemeteries recorded on WISAARD within 1 mile of the APE (Table 7-7). There are two cemeteries located within the APE: Gethsemane and St. George's (45KI866 and 45KI867). They are adjacent to each other between Pacific Highway and I-5 along the King-Pierce county boundary (Table 7-7) (DAHP 2010).

Table 7-7, Cemeteries and Burials within a 1-mile radius of the APE, redacted. Contains privileged information that is not for public disclosure.

7.3 Cultural Resources within 1 Mile of the APE

7.3.1 Archaeological Sites

Within a 1-mile radius of, but not including, the APE, there are 37 previously recorded archaeological sites (Tables 7-1 through 7-4). These sites represent the broad nature of potential archaeological sites within the APE, including precontact campsites, refuse concentrations and scatters, domestic features, utilities, and ruined structures. Excluding the sites within the APE, there are three historic-period sites around the Federal Way Segment, three precontact and three historic-period sites around the South Federal Way Segment, no precontact and eight historic-period sites around the Fife Segment, and two precontact and 17 historic-period sites, as well as one multicomponent site, around the Tacoma Segment (Tables 7-1 through 7-4).

Two precontact archaeological sites, 45PI930 and 45PI580 (the Cushman Cemetery: see Section 7.3.3), have been identified on the south bank of the Puyallup River, within 200 feet of but not within the APE. Site 45PI930 is a precontact site initially discovered in a core sample at a depth of 14.5 feet bgs. The core sample contained lithic debitage, fire-modified rock, faunal bone, and organic materials, including hazelnut shells, bearberry seeds, and nodding onion, dating to around 1,090 years in age (Hodges 2009; Sharpe et al. 2009).

7.3.2 NRHP-Eligible or Listed Built-Environment Resources

Within a 1-mile radius of, but not including, the APE, 31 buildings, structures, and/or objects, along with two NRHP-listed historic districts, have been previously documented. In addition, there are 34 built-environment resources that have been determined eligible for listing in the NRHP. All of the properties listed in the NRHP are located west of the APE within Tacoma, and 23 of the eligible properties are located west of the Puyallup River (DAHP 2020c). Of those properties listed on the NRHP, two of the properties and one of the districts have been removed from the NRHP (see Attachment J5.1).

7.3.3 Cemeteries and Burials

In addition to Gethsemane Cemetery (45KI866) and St. George's Cemetery (45KI867), which are within the APE, there is one cemetery (the Cushman Cemetery [45PI580]) and four individual burials within a 1-mile radius of, but outside, the APE (Table 7-7). These burials indicate that, in addition to formal cemeteries, family plots and informal burials might be encountered within the APE, especially those dating to the early historic settlement of what became the City of Tacoma. Family plots and informal burials might well have been forgotten, disturbed, and built over as development expanded into formerly rural areas.

7.4 DAHP Archaeological Predictive Model

The APE is generally within highly developed areas in the cities of Federal Way, Milton, Fife, and Tacoma, as well as portions of unincorporated Pierce County, along the I-5 corridor. The DAHP statewide predictive model indicates that the APE intersects areas that are at varying risk for encountering precontact cultural resources ranging from very low to very high with the highest risk areas for precontact period archaeological sites found in and near the APE within the Fife and Tacoma segments, as well as along portions of the SF 99-West and SF 99-East alternatives (Figure 7-1).

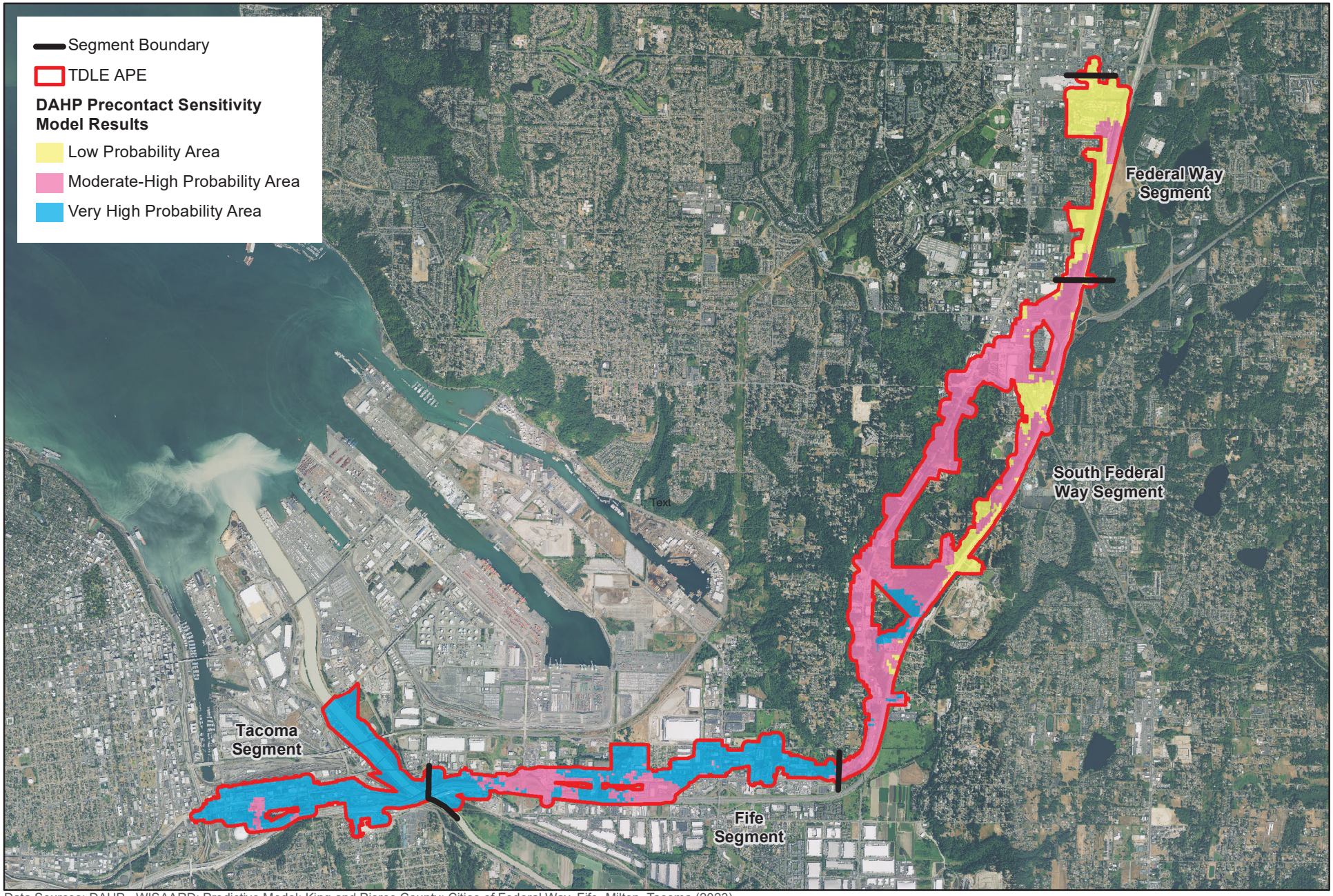

Data Sources: DAHP - WISAARD: Predictive Model; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 7-1
DAHP Precontact Predictive Model Sensitivity within the APE
Tacoma Dome Link Extension

7.5 Historic Photograph and Map Review

As part of the background research for each segment, historic maps, plats, and aerial photographs that included the APE were reviewed. The focus of the map and aerial analysis is to identify locations with potential cultural resource (generally archaeological) sensitivity that may exist within the APE. These reviews are discussed below and maps and tables with identified cultural resource sensitive areas are included in Attachment J5.4.

7.5.1 Federal Way and South Federal Way Segments

The oldest visual representation of this segment is an 1868 GLO plat (see Attachment J5.4), but no culturally sensitive locations were identified on this map. Although it lacks detail, the 1897 USGS topographic map shows four archaeologically sensitive locations are present within this segment (see Attachment J5.4). All are farm complexes surrounded by cleared fields and accessed by dirt roads. No additional information was found in maps dating between 1897 and 1928. From the late 1920s onward, a general baseline can be established for development in this segment that is largely concentrated around US 99 (the Pacific Highway; Old State Road No. 1) corridor. Isolated structures related to residential and farming development between the 1920s and 1950s overlap with the APE in six locations within the segment along S 336th Street, 16th Avenue South, and S 372nd Street, with a higher density of development in Section 32 Township 21 North Range 4 East. Of these six locations, only one is present in 1965, near the corner of 8th Avenue S and S 375th Street. This general trend in settlement and development shifts following the completion of I-5 in the 1950s, resulting in extensive development concentrated on the I-5 corridor, with gradual infilling between US 99 and I-5 radiating outward along main thoroughfares.

7.5.2 Fife Segment

The oldest map found for the Fife Segment is an 1874 GLO plat (see Attachment J5.4). Only one structure is identified on this GLO plat; however, multiple landscape features (creeks, sloughs, and others) are favorable for the presence of archaeological sites for both precontact and historic periods. Maps from 1874 and 1892 (Figures 4-1 and 4-2) show parts of the western portion of the Fife Segment that show the development of Tacoma and the Puyallup River area (see Tacoma Segment below). Both clearly show that settlement and developmental growth of the Fife to Tacoma areas focused primarily on the areas along and adjacent to Commencement Bay and the Puyallup River.

Locations of potential historic-period archaeological resources are shown on the 1897 USGS topographic map (see Attachment J5.4). Although it lacks detail, eight locations with potential for historic-period archaeological remains are represented within the segment, with 11 other structures found within 0.15 mile of the APE. Each of these structures is linked by a system of what were likely dirt roads branching off the Military Road/Indian Ferry and Stuck Valley Road (present-day Milton Avenue). The only historic-period archaeological resource area found in the area between 1897 and the 1940s is the Puget Sound Electric Railway alignment, which operated from ca 1908 through the 1920s. Its location was mapped by the then Washington Department of Highways prior to improvements to State Road No. 1 (US 99) in 1929.

Aerial photographs of the Puyallup River Valley from 1940 taken by the United States Army Corps of Engineers (USACE) overlap the APE from the King-Pierce County line to Pacific Avenue (see Attachment J5.4). The Works Progress Administration characterized development along the Puyallup Valley at that time as “a valley crossroads in the midst of a thickly settled berry growing and truck-farming district is represented by a string of markets, taverns, shops, and a large balloon-roofed dance hall along the highway.” (WPA 1941:483). From the 1940s onward, the

development within the segment is concentrated heavily along US 99, with a southern shift following the completion of I-5 in the late 1950s to early 1960s.

7.5.3 Tacoma Segment

The oldest visual representations of this segment are the 1867 and 1874 GLO plats (see Attachment J5.4). Three structures are found on the 1874 plat along the Puyallup River. In addition to these historic-period structures, multiple environmentally sensitive areas (e.g., creeks and sloughs) are found on both maps that have the potential to contain both precontact period and historic-period archaeological deposits. An 1877 topographic map of Commencement Bay shows 25 structures within the APE focused around the Puyallup River in the same general area as those found in 1874 GLO map. These structures are associated with farm fields and a system of dirt roads. The 1877 map also identified landscape features, particularly those related to water, that have the potential for precontact and historic-period archaeological deposits in this portion of the APE.

The series of Sanborn Fire Insurance maps for this segment of the APE provide relatively detailed illustrations of streets and utilities. The 1888 Sanborn map overlaps with the APE between E 23rd Street to E 28th Street and East E Street and East R Street and E Bay Street (see Attachment J5.4). This set of maps is followed by three maps dating to the early/middle 1890s that further detail the expansion and development of both the Puyallup Reservation and the City of Tacoma. A topographic map of Commencement Bay from 1892 highlights the development of the City of Tacoma and the Puyallup Reservation illustrating extensive development within the APE between East B Street and the Puyallup River crossing at the Indian Ferry and Stuck Valley Road (Milton Avenue).

Sanborn maps from 1896 detail continued development of residential, commercial, and industrial spaces between E 23rd Street to E 28th Street and East E Street and East L Street that were highlighted in 1892; more than doubling the area of development within the segment in less than 8 years (see Attachment J5.4). Maps dated between 1896 and 1911 do not have the level of detail necessary to identify areas in which historic-period archaeological remains might be present. However, a USGS topographic map from 1897 shows two structures within the APE east of the Puyallup River along with a system of roads and a block of development west of East L Street in Tacoma. The last set of Sanborn Maps reviewed for the project date to 1912. These maps detail extensive development from E 23rd Street to E 28th Street and East E Street and East R Street and Bay Street. This map set details the residential, commercial, and industrial expansion of Tacoma to the east.

Aerial photographs taken by the USACE in 1940 of Tacoma and Puyallup River valley show that the APE is densely populated with industrial and commercial buildings surrounded to the west and south by residential suburbs, the Gardenville farmlands to the west, and the expanding Port of Tacoma to the north (see Attachment J5.4). Initial development within this segment is mostly complete by 1940. Continued expansion and redevelopment of the City and Port of Tacoma occurred during World War Two and into the 1950s as shown in topographic maps through the 1960s.

7.6 Geoarchaeological Review

It is important to understand the subsurface conditions within the APE to assess the potential for archaeological resources where ground disturbance is anticipated. Although fill materials are present along much of the TDLE corridor, intact, shallow, and deeply buried native sediments dating to the late Pleistocene and Holocene are present (e.g., Punke et al. 2017). In the case of the Federal Way and South Federal Way Segments, these deposits of interest are generally represented by thin topsoils that have formed in place since the end of the Pleistocene. Within the Fife and Tacoma segments, deposits from the late Pleistocene through the Holocene may be much deeper and were emplaced through much more complicated geomorphic processes.

Previous geoarchaeological and geotechnical coring within and in the vicinity of the APE has provided data concerning the depositional history for the APE. Welch et al. (2015:Plates 2 and 3) compiled hydrogeologic data for the region to produce a surficial hydrogeologic map and cross section of the Puyallup River Basin. This map and cross section have been modified and are included below (Figures 7-2 and 7-3) for the purposes of the current study to aid in illustrating the archaeological potential of sediments along the project alignment with depth.

A geotechnical study conducted along I-5 between Fife and Tukwila by Hong West & Associates (1992) included a series of bores at the eastern end of the Fife Segment (Figure 7-2). These bores recovered fill materials over silty and sandy alluvium, silts and clays, and peats to depths of over 9.1 meters (30 feet) bgs. One deeper bore recovered over 21.3 meters (70 feet) of post-glacial alluvium. As the bores extended east into the Fife curve, alluvial deposits became shallow over glacial till.

To the west of Fife but east of the Puyallup River, the Washington State Department of Transportation (WSDOT 1999) excavated a series of geotechnical bores along the I-5 corridor (Figure 7-2). These bores encountered over 22.9 meters (75 feet) of alluvial materials that included layers of organically enriched sediments throughout. These materials represent post-glacial infilling of the valley. Neither the Hong West & Associates (1992) nor the Jackson (1999) studies included detailed descriptions of organic-rich sediments that would allow for buried, stable paleosurfaces or soils to be identified, nor were radiocarbon dates of organic materials provided.

While both the Fife and Tacoma segments have been heavily affected by historic-period and modern human modifications of the landscape, precontact archaeological resources have been found deeply buried under fill and alluvial sediments at multiple locations along or adjacent to these segments. Rinck (2014) summarizes some of these discoveries and postulates that many of them were associated with the northwestward-migrating Puyallup River delta front. She suggests that middle to late Holocene subsistence strategies that focused on nearshore resources would result in the occupation of littoral areas, such as the shoreline margin of the Puyallup embayment. This shoreline would have been present near the position of the Fife and Tacoma segments as early as 4,200 years ago (Hodges 2009; Rinck 2014:16). Aggradation along and near this shoreline resulted in the formation of thick delta-front sediments, within which Site 45PI974 (Xaxtl'abish 1) was discovered (Shantry et al. 2010) (Figure 7-2). This midden deposit, found between 2.4 and 3.5 meters (8 and 11.5 feet) bgs, dates to around 1,100 years in age.

Older stable landscapes that would have been conducive to human occupation have been identified at greater depths along the Tacoma Segment (Hodges 2009; Punke et al. 2017). Hodges (2009) conducted a detailed study of bores extracted on each side of the Puyallup River at the I-5 crossing (Figure 7-2). On the east side of the river, Hodges found around 6.1 meters (20 feet) of wetland deposits and alluvium overlying thick black sands representing reworked lahar materials. Glacial till was encountered at nearly 36.6 meters (120 feet) bgs.

The stratigraphy encountered in bores on the west side of the river was more varied than on the east. In the upper portions of the bores, fill and wetland sediments were present. Archaeological Site 45PI930 was found immediately underlying these wetland peaty silts at the transition into the underlying delta front silts and sands (Hodges 2009; Sharpe et al. 2009). The site found between 4.8 and 6.9 meters (15.6 and 22.8 feet) bgs dated to between around 1,040 and 1,240 years in age (Elder and Sparks 2010). Hodges (2009) found a deeper, buried paleosurface between 9.1 and 11.0 meters (30 and 36 feet) bgs that dated to around 4,520 years ago. This surface would have represented the former shoreline of the Puyallup bay front and may have been conducive to human occupation. Glacial materials were found on the west side of the Puyallup at a depth of between 12.2 and 18.3 meters (40 and 60 feet) bgs.

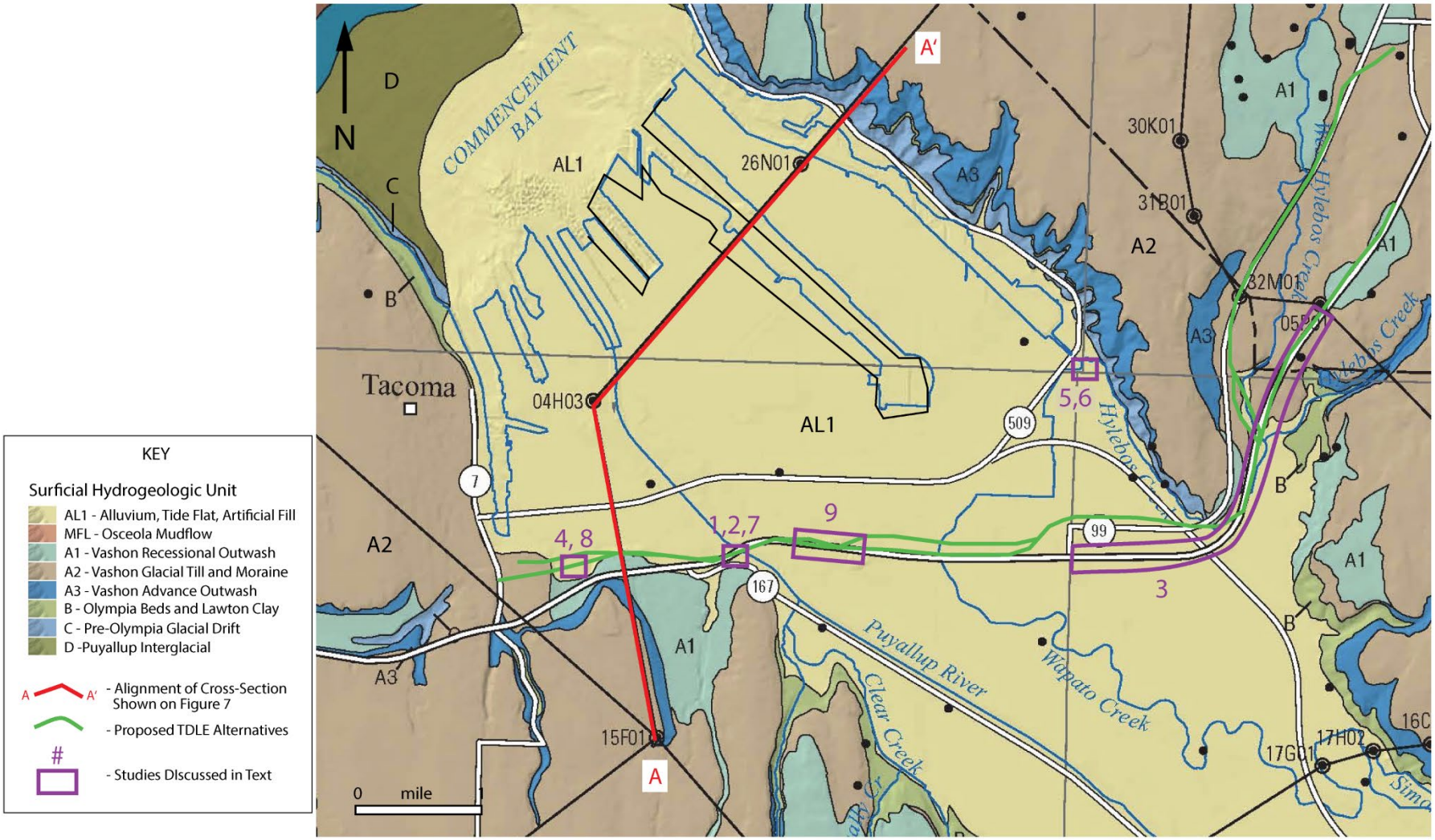

Figure 7-2 Hydrogeologic Map of the Puyallup River Valley and Surrounding Geology

(Modified from Welch et al. [2015: Plate 2], depicting proposed project alignments and geotechnical or geoarchaeological data)

1 (Elder and Sparks 2010); 2 (Hodges 2009); 3 (Hong West & Associates 1992); 4 (Punke et al. 2017); 5 (Rinck 2014); 6 (Shantry et al. 2010); 7 (Sharpe et al. 2009); 8 (Stevenson et al. 2015b); 9 (Jackson 1999).

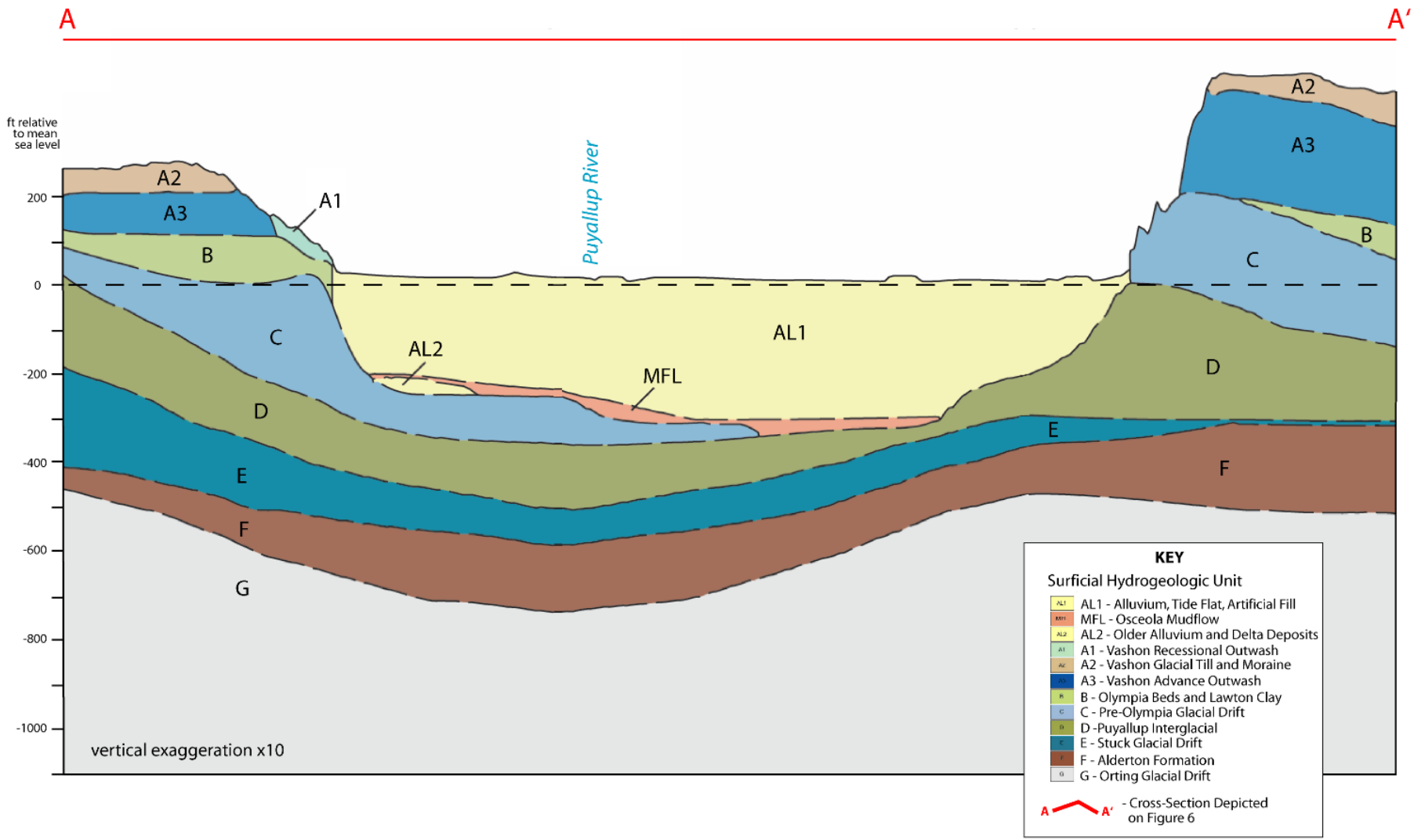

Figure 7-3 Hydrogeologic Cross Section

(Modified from Welch et al. [2015: Plate 3], depicting the geotechnical or geoarchaeological data referred to in the text along cross section axis A-A'.)

Investigations for the Tacoma Trestle project at the western end of the Tacoma Segment revealed multiple buried surfaces within a series of geoarchaeological bores (Punke et al. 2017; Stevenson et al. 2015b) (Figure 7-2). Buried sediment deposits representing freshwater wetlands or bogs in a pine-spruce forest setting were identified at a depth of nearly 21.3 meters (70 feet) bgs and dated to around 13,000 years ago. Additional buried soils from intertidal marsh settings were found that dated to between approximately 7,700 and 9,700 years ago. These former surfaces ranged between 19.8 and 22.9 meters (65 and 75 feet) bgs and would have been available for early human use of the area.

A detailed analysis of historic surface landform modification within the Puyallup River Valley from the I-5 corridor northwest to the edges of Commencement Bay was conducted by the U.S. Army Corps of Engineers (USACE) and others (1991). While the primary goal of the investigations was to identify the extent and location of special aquatic sites in and around Commencement Bay, their literature review and analysis provided a detailed assessment of land modifications conducted between 1877 and 1941, any of which could have affected cultural resources directly, the depositional contexts of prior surface archaeological deposits, and altered potential historic cultural deposits related to the growth and development of Tacoma, the Port of Tacoma, and the transportation corridors of Pacific Highway (US 99) and I-5. The most pertinent conclusion of the USACE and others (1991) analysis is that while much of the Puyallup River Valley has been affected by development, the depths of disturbance and fill materials have not been recorded. Many of the areas identified as having been filled were likely filled repeatedly.

7.7 Segment Summaries

The following section provides summaries of data presented above as well as expectations for discovery of precontact and historic-period archaeological sites. These discussions below are specific to each of the project segments: Federal Way, South Federal Way, Fife, and Tacoma. In general, based on information presented above in Sections 4 and 5, the Federal Way and South Federal Way Segments have a lower likelihood of including archaeological resources than the Fife and Tacoma segments.

7.7.1 Federal Way Segment

Based on DAHP's predictive model data and an assessment of background data, the APE for the Federal Way Segment has a variable probability for precontact archaeological materials, ranging from low to moderately low probability at its north and south ends to moderate probability in its central section (Figure 7-1). The potential for precontact archaeological materials is likely low throughout this segment based on the history of development within the APE and the glacial landform upon which the APE is primarily situated. Historic land use, including agriculture, logging, and urban development, has modified the landscape and near-surface archaeological potential. The construction of I-5 has also dramatically affected the landforms in this segment.

Given the data presented above, including Federal Way's history surrounding the APE, the likelihood of identifying historic-period archaeological deposits is low to moderate throughout the segment.

Two historic-period archaeological sites, 45KI719 and 45KI1662, are within this segment of the APE (see Table 7-1). The 45KI719 vicinity would be affected by the elevated guideway proposed to cross the site from north to south. Given the site's prior disturbance and/or demolition, TDLE would not have an effect on this site, which was determined not eligible for listing in the NRHP.

However, the presence of a historic building may signal the existence of outbuildings in the vicinity of the site that could be affected by the project. Likewise, 45KI1662 has been subject to previous disturbance and was determined not eligible for listing in the NRHP. Therefore, ground-disturbing activities associated with TDLE would not affect these sites.

Given the scale of ground disturbances with original construction of I-5 and subsequent expansions, it is probable that precontact and historic-period cultural resources that existed are likely disturbed and intermixed with historic/recent fill deposits.

7.7.2 South Federal Way Segment

Based on DAHP's predictive model data and an assessment of background data, the APE for the South Federal Way Segment has a variable probability for precontact archaeological materials with the greatest potential near West Hylebos Creek and the Gethsemane and St. George's cemetery sites (Figure 7-1). As in the Federal Way Segment, the potential for precontact archaeological materials elsewhere in the South Federal Way Segment is considered low, based on of the extent of prior development within the APE. Historic land use, including agriculture and urban development, has modified the glacial landform and near-surface archaeological potential. The construction of I-5 has likewise dramatically affected the landscape and development patterns in this segment.

Given the data presented above, including Federal Way's history surrounding the APE, the likelihood of identifying historic-period archaeological deposits is low to moderate throughout the segment, with somewhat increased sensitivity within Sections 29, 31, and 32 of Township 21 North Range 4 East based on features noted on historic map and aerial imagery.

One precontact archaeological isolate, 45KI1177, and one historic-period archaeological site, 45KI1021, are within this segment of the APE (see Table 7-2). Ground-disturbing activities associated with the removal of an underground storage tank previously demolished 45KI1021. As a precontact isolate, 45KI1177 is not eligible for listing in the NRHP.

Gethsemane Cemetery (45KI866) and St. George's Cemetery (45KI867) are included within the APE at the request of the Puyallup Tribe (November 22, 2019). **Text redacted. Contains privileged information that is not for public disclosure.** The cemeteries are located outside of the proposed area of ground disturbance or impact from the project. **Text redacted. Contains privileged information that is not for public disclosure.**

Given the scale of ground disturbances with original construction of I-5 and subsequent expansions, it is probable that precontact and historic-period cultural resources that existed are likely disturbed and intermixed with historic/recent fill deposits.

7.7.3 Fife Segment

Based on the DAHP predictive model, the Fife Segment has a moderate to very high probability for encountering precontact archaeological materials (Figure 7-1).

All the available soil data for the Fife region of the Puyallup River Valley suggests that extensive land alterations due to land reclamation, urbanization, farming, and transportation have variously affected the entire APE within the Fife Segment (see USACE et al. [1991] for a detailed discussion). Within the Puyallup River Valley, historic land modification and late Holocene

sediment deposition have either disturbed or buried former land surfaces that may have been occupied by early settlers or Native Americans. Almost the entire Fife Segment is located on Quaternary alluvium. As such, significant archaeological deposits may be deeply buried as a result of seismic, alluvial, and cultural processes (Rinck 2014).

The channelization of all the waterways within the Puyallup River Valley, in conjunction with extensive historic and modern land reclamation and flood controls (USACE et al. 1991), has resulted in an overall elevated and leveled landscape through grading and redisposition of materials as fill in low-lying areas. These factors could have destroyed or buried potential cultural resource locations. It is likely that precontact and ethnographic period archaeological resources may be capped by fill where present within the APE in the Fife Segment.

All ethnographic accounts of the Puyallup Tribe of Indians agree that the Puyallup River and its associated drainages are the core of the traditional Puyallup Tribal area (Smith 1940; Hilbert et al. 2001). The APE surrounding the Fife and Tacoma segments lies at the heart of the traditional Puyallup Tribal areas as well as the 1874 boundaries of the Puyallup Reservation.

Based on information presented above, this region has seen substantial development during the historic and modern period. Historic archaeological resources related to urbanization, farming, and transportation could be found throughout the depositional sequences of fill and within former land surfaces predating fill episodes that were used during the historic period.

Two previously identified archaeological resources, 45PI488 and 45PI724, are within this segment of the APE but located outside the area of potential ground disturbance (Table 7-4). Site 45PI724 is a historic-period debris scatter, and 45PI488 is a precontact period campsite. Evidence from site 45PI488 suggests there may be areas of the APE that have been minimally affected by historic land modification (Luttrell 2001). The presence of 45PI724 demonstrates the presence of historic deposits within historic fill soil strata (Cooper 2005).

During the early consultation regarding the APE between Sound Transit, FTA, and the Puyallup Tribe's Cultural Resource Department (November 22, 2019), **Text redacted. Contains privileged information that is not for public disclosure.** Based on the distance from the area of potential ground disturbance, this area and any associated archaeological resources are not anticipated to be affected by ground disturbance associated with the project.

7.7.4 Tacoma Segment

The Tacoma Segment has a very high probability for encountering precontact archaeological materials, according to the DAHP model (Figure 7-1). The waterways, sloughs, wetlands, and associated riparian environments that characterized the pre-industrial landscape in the Tacoma Segment is clearly an area that contained critical resources that would have been ideal for settlement by precontact indigenous peoples for their villages and winter camps as well as locations for resource procurement and processing activities.

As with the Fife Segment, all ethnographic accounts of the Puyallup Tribe of Indians agree that the Puyallup River and its associated drainages are the core of their usual and accustomed traditional use areas (Smith 1940; Hilbert et al. 2001). Of the 13 ethnographically described villages, at least three would have been in close proximity to the Tacoma Segment of the APE (Table 4-2). This segment has had extensive land alterations due to land reclamation, urban expansion, and industrialization, which have drastically affected the entire area, obscuring some areas that could contain *in-situ* precontact cultural materials.

The location of the dedicated TDLE guideway bridge over the Puyallup River would be adjacent to the current I-5 bridge and in the footprint of the former I-5 Puyallup River bridge crossing, near the main ethnographic village site, Tsahtskahd of the Puyallup Tribe of Indians. The village has been described by ethnographers but was not mapped at a scale that allows for its precise location to be identified. Haeberlin and Gunther (1930) state that the main village was located on the north bank of the Puyallup River near the Cushman School, and Smith (1940) reports that the village was located on the south bank near the confluence of Clay Creek. It has been hypothesized (Larson 1985) that the village may have changed banks due to occasional flooding or for other unknown reasons.

Tacoma has a long history of growth and development dating back well into the 19th century. Given this history, it is highly probable that historic archaeological deposits occur throughout this segment due to its placement within the historic boundaries of the city of Tacoma.

There are 11 recorded archaeological sites within the Tacoma Segment of the APE, only one of which, 45PI1327, has been determined eligible for listing in the NRHP. **Text redacted. Contains privileged information that is not for public disclosure.**

Of the remaining 10 historic-period archaeological sites and isolates within APE for the Tacoma Segment, sites 45PI1290, 45PI1542, 45PI1458, 45PI1463, and 45PI743 have previously been determined not eligible for listing the NRHP, and sites 45PI1563, 45PI1456, 45PI1457, 45PI1459, and 45PI1460 are unevaluated (see Table 7-4). With the exception of site 45PI1563, these sites are within the area of potential ground disturbance. **Text redacted. Contains privileged information that is not for public disclosure.** The eight other sites are historic debris scatters and structural remains (45PI1563, 45PI1542, 45PI743, 45PI1456, 45PI1457, 45PI1458, 45PI1459, and 45PI1460, respectively) that have been identified from depths ranging from 1 to 12 feet bgs, across the Tacoma Segment of the APE.

8 ARCHAEOLOGICAL EXPECTATIONS

From an archaeological perspective, precontact and ethnographic site types that could be encountered within the APE include villages, seasonally occupied base camps, short-term field camps and seasonally utilized resource- procurement and processing loci. Resource procurement and processing loci represent a wide variety of activities that vary according to resource types present and environmental setting. Activities occurring at such sites were generalized or focused on specific resources such as shellfish or salmonid procurement, game hunting sites, plant gathering areas, felling trees for planks, canoe building and bark, and localities where flaked and groundstone material sources exist. In addition, other site types or features would have been present in the precontact and early contact period cultural landscapes associated with occupation of lowland and upland settings through which the APE passes. These include trails linking villages or accessing resource procurement loci, rock art, culturally modified trees, and burials among others; however, it is unlikely that the latter set of site types are extant.

Archaeological sites dating to the historic period result from early/modern Euro-American settlement activities that include homesteading, farming, and ranching. In addition, resource exploitation activities that were common to market driven economies of mid- to late 19th century included common commercial activities that revolved around widespread timber harvesting and delivery to sawmills for processing along with harvesting of intertidal shellfish and salmon runs. Sites of this time period include farmsteads clustered around highly productive areas in river valleys, sawmills located along larger watercourses and embayments near developing towns and ports to facilitate transport of timber to the mills, and road systems linking developing areas to developed areas and areas where resources were being exploited. With the arrival of the Northern Pacific Railroad terminus at Commencement Bay, industrial and urban development resulted in widespread construction and landscape modification associated with expanding port facilities, industrial zones, and commercial and residential buildings, and expansion of farms, orchards, and other agricultural activities in outlying areas to support the growing population (Schwantes 1996; Morgan 1979). During this period, the Puyallup Indian Reservation was defined and soon after allotments were assigned resulting in the disaggregation of Tribal lands in the Tacoma and Fife segments in the early 1900s as documented in Section 4 (Caldbrick 2013) (Figure 4-2). The remains of individual households of Tribal members and burials may be present and have been previously documented in areas near the APE (see Table 7-7).

From the information developed in Sections 5 and 7 of this document, known historic-period archaeological sites range from historic buildings and structures such as bridges and railroad trestles to building foundations, assumed to be remains of commercial, governmental, and residential structures, historic trash deposits and dumps, historic rail alignments, road beds, and underground utility tunnels that have been abandoned and covered by later developments, and a large array of associated features. These may include privies, storage dugouts, outbuildings, cemeteries, agricultural buildings, fields, and orchards, among others.

The risk of encountering near-surface ethnohistoric and historic-period archaeological materials in the APE is also modified by historic land alterations related to industrialization, development, and urban growth in all three segments – in particular, the Tacoma Segment. Within the South Federal Way Segment, historic landscape alterations include historic logging and agriculture, extensive land reclamation, and development beginning in the mid-20th century. The Fife Segment has also been affected by extensive historic agriculture and river channelization, with developmental land reclamation effects accelerating during the mid-20th-century development. The Tacoma Segment has been similarly affected; however, the extent of historic industrialization and development with associated land reclamation has filled more land than in other areas. The historic urban nature of the Tacoma Segment adds an additional level of

sensitivity for historic archaeological deposits. This sensitivity is based on continued development and use of historic parcels as residential, commercial, and industrial properties.

8.1 Expectations – Deeply Buried Archaeological Resources

Geological, geotechnical, and geoarchaeological studies of the three project segments (see Section 5) suggest the potential for deeply buried cultural deposits or stable landforms that would have been conducive to human occupation varies between and within segments. Along the South Federal Way Segment, post-glacial materials are generally thin over glacial deposits (e.g., glacial till and outwash), suggesting a low potential for deeply buried cultural strata.

Within the Fife and Tacoma segments, deeply buried deposits with the potential to contain cultural materials are present throughout, though vary by depth. In general, the basin is filled with hundreds of feet of alluvial materials deposited as a result of river deposition, lahar emplacement, delta building, and wetland sedimentation. These alluvial deposits are thickest near the center of the basin, with over 200 feet of alluvium, tidal flat, and fill materials present (Dragovich et al. 1994). Data from Welch et al. (2015) indicates that Osceola Mudflow deposits are found near the base of the valley, suggesting that most of the overlying alluvium was emplaced after approximately 5,600 years ago (Vallance and Scott 1997). Along the margins of the Puyallup River Basin, alluvial deposits tend to be shallower over the glacial till and outwash that line the valley.

Deposits with the greatest potential to contain evidence of human occupation are those that represent stable surfaces, such as buried soils, organic-rich wetland settings, shorelines, and stream terraces. Such deposits have been identified along the eastern and western margins of the Puyallup River Basin as a result of geoarchaeological investigations. At the eastern margin of the valley, near Hylebos Creek, delta shoreline sediments were encountered between 10 and 14 feet bgs that dated to as early as 4,200 years ago (Shantry et al. 2010). Archaeological midden materials found at the same location between 8 and 11.5 feet bgs dated to around 1,100 years in age. Along the western margin of the basin, a buried stable surface containing cultural materials was discovered between 15 to 23 feet bgs, as was a delta shoreline deposit dating to around 4,500 years in age between 30 and 36 feet bgs (Hodges 2009). Farther west, a series of buried soils and wetland deposits were identified between 65 and 75 feet bgs dating to the late Pleistocene and early Holocene (Punke et al. 2017).

Geotechnical coring nearer to the center of the Puyallup River Basin identified over 70 feet of alluvium containing layers of organically enriched materials (Hong West & Associates 1992; Jackson 1999). While none of these studies included detailed descriptions of organic-rich sediments that would allow for buried, stable paleosurfaces or soils to be identified, and no radiocarbon dating of organic materials was performed, these buried organic-rich deposits have the potential to represent stable paleosurfaces.

It was expected that archaeological testing along the Federal Way and South Federal Way Segments of the project would be conducted primarily using geoarchaeological shovel probes. If post-glacial deposits were encountered during the shovel probing that were too deep to be sampled using nonmechanical methods, archaeological boring was performed.

Deeply buried stable surfaces, former shorelines, and paleosols are anticipated along the Fife and Tacoma segments. It is possible that in some areas, especially along the margins of the Puyallup River Basin, deep boring may encounter glacial sediments below alluvium. Toward the center of the basin, however, glacial sediments are positioned well below the proposed depth of project disturbances and are unlikely to be encountered during the archaeological boring.

9 FIELD INVESTIGATION RESULTS

This section outlines the results of the archaeological field investigations, including geotechnical monitoring (Section 9.2), geoarchaeological survey (Section 9.3), and built-environment survey (Section 9.4) conducted within the APE. Resources identified and recorded as a result of the survey have been evaluated for listing to the NRHP and are discussed for each segment of the project.

9.1 Near-Surface Archaeological Field Survey

HRA and ATCRC conducted an archaeological field survey within the APE between December 2020 and July 2023. Prior to the field survey, HRA archaeologist Ron Adams, PhD, RPA, and ATCRC archaeologist Nicholas de Vry, BA, conducted a reconnaissance on December 21 and 22, 2020. For the reconnaissance, Adams and de Vry conducted a windshield overview of the APE that included limited pedestrian reconnaissance of areas that could be accessed within public right-of-way. The purpose of the reconnaissance was to identify access points to portions of the APE (e.g., WSDOT right-of-way), identify obvious disturbances and obstructions (e.g., standing water), field-verify areas previously deemed to have been covered by impervious surfaces and fill sediment and not included in the proposed survey areas, and assess the availability of parking in preparation for the pedestrian survey and shovel probe and auger core work. Ron Adams and Matthew Warren, PhD, RPA, employed this same methodology during a December 20, 2022, reconnaissance of the SF 99-West and SF 99-East alternative sections of the South Federal Way Segment of the APE prior to the field survey in those sections.

The pedestrian survey and shovel probe and auger core investigations within the Federal Way, South Federal Way, Fife, and Tacoma segments of the APE were conducted between December 23, 2020, and July 7, 2023. The timeframe for each segment of the project is as follows: Federal Way and South Federal Way (December 23, 2020, through February 17, 2021; May 17 through July 7, 2023), Fife (February 16 through March 11, 2021), and Tacoma (March 15, 2021). The survey conditions and results within each segment are presented in Sections 9.1.1, 9.1.2, and 9.1.3, respectively, in this chapter. Additional survey overview maps with details regarding survey coverage (including impediments such as standing water), and results are found in Attachments J5.7 and J5.8. Attachment J5.9 includes a table with excavation and sediment descriptions collected from archaeological shovel probes and auger cores.

9.1.1 Federal Way Segment

The Federal Way Segment represents the smallest of the four segments investigated (Figures 9-1 through 9-2) and occupies an upland setting that is interspersed with drainages and wetland swales. Hylebos Creek flows from north to south through most of the Federal Way Segment underneath Belmor Park Golf & Country Club. Within the Federal Way Segment are also numerous disturbances related to commercial and residential development and the interstate highway system, state routes, bridges, and roads that cross the APE. The survey conditions were highly variable throughout the Federal Way Segment.

Figures 9-1 and 9-2 redacted. Contains privileged information that is not for public disclosure.

9.1.1.1 Federal Way Segment Pedestrian Survey

The Federal Way Segment was marked by uplands interspersed with low-lying areas adjacent to creeks and natural wetlands. Apart from the topography, survey conditions within this segment were variable depending on the nature of previous disturbances.

Past ground disturbances within the segment could be seen in cuts and berms in the right-of-way adjacent to I-5 and Pacific Highway S: ditches, artificial wetland ponds, and markings for buried utilities. Examples of these disturbance areas include a golf fairway at Belmor (Figure 9-3); marked buried utilities along 24th Avenue S (Figure 9-4); a sports field and an adjacent strip of landscaped ground on the Christian Faith Center parcel south of S 336th Street (Figure 9-5); and a WSDOT stormwater facility (constructed pond, berm, and access road) at the east end of S 344th Street (Figure 9-6).

Figure 9-3 Portion of the Golf Course at Belmor within Area of Potential Ground Disturbance, view south

Figure 9-4 Marked Buried Natural Gas Pipeline (yellow paint) on the West Side of 24th Avenue S, view north

Figure 9-5 Sports Field on the Christian Faith Center Parcel, view northeast

Figure 9-6 Artificial Wetland Pond on WSDOT Parcel at the East End of S 344th Street, view southeast

Relatively undisturbed areas were identifiable by the presence of a mosaic of native vegetation that included Douglas-fir, Pacific madrone, western redcedar, bigleaf maple, vine maple, sword fern, and salal, which contrasted with the mix of landscape grasses, non-native tree plantings, English ivy, Himalayan blackberry, and Scotch broom that was present in disturbed areas. Ground-surface visibility was limited throughout the segment by the presence of grasses, forest duff, imported gravels, or dense understory vegetation.

Inundated areas adjacent to creeks and other wetlands, both natural and artificial, prevented survey in some portions of the Federal Way Segment (Figure 9-7).

Figure 9-7 Inundated Wetland Area on WSDOT Parcel North of S 344th Street, view north

9.1.1.2 Federal Way Segment Shovel Probe Excavations

In total, HRA and ATCRC excavated 139 shovel probes and auger cores in the Federal Way Segment (Figures 9-8 and 9-10). All of the shovel probes and auger cores in the Federal Way Segment were excavated within the area of proposed ground disturbance for the project.

Archaeologists excavated the shovel probes and auger cores to maximum depths that ranged between 20 and 120 cm (8 inches and 3.9 feet) bgs. A hand auger was utilized to excavate depths exceeding 100 cm bgs. Shovel probes were terminated at the interface with glacial sediments, rock obstructions, water table, root obstructions, excessively compacted sediments or concrete obstructions.

Shovel probes excavated in the Federal Way Segment typically encountered dark brown to dark grayish-brown sandy silt loam in near-surface depths (to around 30 cm bgs) (A horizon) that, at times, was found to overlie a yellowish-brown sandy loam B horizon (Figure 9-8). Gravels (rounded and subrounded pebbles and small cobbles) comprised between approximately 5 and 15 percent of the sediment volumes in these near-surface depths. Below the B horizon or, when a B horizon was not present, directly below the A horizon, was a cobbly coarse pale gray to light yellowish-brown sandy loam with a high concentration (30 to 50 percent) of rounded and subrounded pebbles and cobbles consistent with characteristics consistent with glacial sediment. This glacial sediment typically appeared between 30 and 70 cm bgs (1 and 2.3 feet). These overall soil conditions are consistent with the Alderwood gravelly sandy loam that is mapped for the majority of the Federal Way Segment.

Exceptions to this pattern were present in shovel probes excavated in the vicinity of drainages, which contain siltier soil in near-surface depths before transitioning to glacial sediments (Figure 9-9).

Fill and disturbed native soils were present to varying degrees in shovel probes excavated throughout several areas within the Federal Way Segment, particularly in probes excavated on the edges of the golf course at Belmor and around the perimeter of the King County Metro S 320th Street Park-and-Ride (Figure 9-10).

Figure 9-8 Shovel Probe SP-117 at Completion of Excavation (85 cm [2.8 feet] bgs)

Figure 9-9 Shovel Probe SP-78 at Completion of Excavation (80 cm [2.6 feet] bgs) near Hylebos Creek

Figure 9-10 Shovel Probe SP-56 at Completion of Excavation (42 cm [1.4 feet] bgs) near Golf Course at Belmor

9.1.1.3 Federal Way Segment Previously Undocumented Archaeological Resources

The archaeological survey identified one previously undocumented archaeological resource in the Federal Way Segment (Table 9-1). The resource consists of one previously undocumented archaeological isolate, 45KI1583, which dates to the historic period.

The rest of this section is redacted. Contains privileged information that is not for public disclosure.

9.1.2 South Federal Way Segment

The South Federal Way Segment constitutes the largest of the four segments investigated (Figures 9-14 through 9-17) and occupies an upland setting that is interspersed with drainages and wetland swales. Within the South Federal Way Segment are also numerous disturbances related to commercial and residential development, as well as I-5, Pacific Highway S, and smaller roads that cross the APE. The survey conditions were highly variable throughout the South Federal Way Segment.

Figures 9-14 through 9-17 redacted. Contains privileged information that is not for public disclosure.

9.1.2.1 South Federal Way Segments Pedestrian Survey

The South Federal Way Segment was marked by uplands interspersed with low-lying areas adjacent to creeks and natural wetlands (Figures 9-18 and 9-19). Apart from the topography, survey conditions within these segments were variable depending on the nature of previous disturbances.

Figure 9-18 Natural Upland Setting within WSDOT Right-of-Way above I-5, North of the S 375th Street Overpass Over I-5, view northeast

Figure 9-19 Natural Wetland Area South of the Former Weigh Station in WSDOT Right-of-Way, view northeast

Past ground disturbances within the segments could be seen in cuts and berms in the right-of-way adjacent to I-5 and Pacific Highway S, ditches, artificial wetland ponds, and markings for buried utilities. Examples of these disturbance areas include fill berms supporting various portions of I-5 and neighboring streets within the segment (Figures 9-20 and 9-21); an artificial wetland pond and adjacent landscaped ground at the east end of S 356th Street (Figure 9-22); a gravel roadbed leading from the east end of S 356th Street to I-5 (Figure 9-23); a manicured and artificially raised and leveled landform with evidence of buried utilities along the north side of S 359th Street (Figure 9-24); an artificial wetland pond ringed by an associated gravel road directly south of the former weigh station within the WSDOT right-of-way adjacent to I-5 (Figure 9-25); a leveled and manicured children's playfield at the Montessori Academy at Spring Valley along the west side of Pacific Highway S (Figure 9-26); and fill berms supporting various portions of Pacific Highway S (Figure 9-27).

Figure 9-20 Artificial Berm below Enchanted Parkway S within City of Federal Way Right-of-Way West of the SR 161 Overpass, view southeast

Figure 9-21 Steep Embankment Slope Extending from I-5 to Inundated Wetland North of the Former Weigh Station, view southwest

Figure 9-22 Artificial Wetland in WSDOT Right-of-Way East of S 356th Street, view southeast

Figure 9-23 Gravel Roadbed Leading from the East End of S 356th Street to I-5, view northeast

Figure 9-24 Apartment Complex Parcel North of S 359th Street Elevated above the Street with Markers for Buried Telecommunications and Water Lines, view west/northwest

Figure 9-25 Artificial Wetland South of the Former Weigh Station, view northeast

Figure 9-26 Children's Playfield on the Montessori Academy at Spring Valley Parcel, view southwest

Figure 9-27 Steep Embankment Slope Extending from Pacific Highway S to Wetland North of S 373rd Street, view south

Relatively undisturbed areas were identifiable by the presence of a mosaic of native vegetation that included Douglas-fir, Pacific madrone, western redcedar, bigleaf maple, vine maple, sword fern, and salal (Figure 9-28), which contrasted with the mix of landscape grasses, non-native tree plantings, English ivy, Himalayan blackberry, and Scotch broom that was present in disturbed areas (Figure 9-29). Ground-surface visibility was limited throughout the segment by the presence of grasses, forest duff, imported gravels, or dense understory vegetation.

Figure 9-28 Remnant Natural Setting at the Southern End of the South Federal Way Segment near the King-Pierce County Line, view east

Figure 9-29 English Ivy-Covered Berm Slope Extending below I-5 in WSDOT Right-of-Way South of the SR 161 Overpass

Inundated areas adjacent to creeks and other wetlands, both natural and artificial, prevented survey in some portions of the South Federal Way Segment (Figures 9-30, and 9-31). The area within an abandoned cloverleaf on the south side of the I-5 off-ramp at the SR 18 interchange at the north end of the South Federal Way Segment was also not surveyed due to the clear presence of extensive fill deposits and safety concerns associated with accessing the inside of the I-5 off-ramp (Figure 9-32).

Figure 9-30 Wetland Area at the Base of the I-5 Berm Slope in WSDOT Right-of-Way in the South Federal Way Segment North of the King-Pierce County Line, view southwest

Figure 9-31 Wetland Area along Pacific Highway S North of S 373rd Street, view east

Figure 9-32 WSDOT Right-of-Way within Project Footprint South of SR 18 Interchange, view north

9.1.2.2 South Federal Way Segment Shovel Probe Excavations

In total, HRA and ATCRC excavated 362 shovel probes and auger cores in the South Federal Way Segment (Figures 9-33 and 9-34). Nearly all of the shovel probes and auger cores in the South Federal Way Segment were excavated within the Area of Potential Ground Disturbance, apart from shovel probes excavated in an area of high archaeological sensitivity to the east of Site 45KI867 (St. George's Cemetery), where the Area of Potential Ground Disturbance was covered entirely by a steep berm slope that supports I-5 immediately adjacent to the east. In this latter area, HRA and ATCRC archaeologists excavated shovel probes within the APE to the immediate west of the Area of Potential Ground Disturbance, below the steep berm slope.

Figure 9-33 In-Progress Shovel Probe Excavation (SP-286/AB-35), view north

Figure 9-34 Auger Core Excavation at SP-420, view north

Archaeologists excavated the shovel probes and auger cores to maximum depths that ranged between 20 and 206 cm (8 inches and 5.25 feet) bgs. The depths of excavations greater than 100 cm (3 feet) bgs were extended with a hand auger. Shovel probes excavated to depths shallower than 100 cm (3 feet) bgs were terminated at the shallower depths due to the presence of glacial sediments, rock obstructions, high water tables that caused sediment cave-in, excessively compacted sediments, root obstructions, and concrete obstructions.

The sediments within the shovel probes excavated in the South Federal Way Segment typically comprised dark brown to dark grayish-brown sandy silt loam in near-surface depths (A horizon) that, at times, was found to overlie a yellowish-brown sandy loam B horizon (Figure 9-35). Gravels (rounded and subrounded pebbles and small cobbles) comprised between approximately 5 and 15 percent of the sediment volumes in these near-surface depths. Below the B horizon or, when a B horizon was not present, directly below the A horizon, was a cobbly coarse pale gray to light yellowish-brown sandy loam with a high concentration (30 to 50 percent) of rounded and subrounded pebbles and cobbles consistent with characteristics consistent with glacial sediment. This glacial sediment typically appeared between 30 and 70 cm (1 and 2.3 feet) bgs. These overall soil conditions are consistent with the Alderwood gravelly sandy loam that is mapped for the majority of the South Federal Way Segment.

Figure 9-35 Shovel Probe SP-244 at Completion of Excavation (72 cm [2.4 feet] bgs)

Higher silt and clay contents were also present in many shovel probes excavated adjacent to low-lying wetlands in the southern part of the South Federal Way Segment (Figure 9-36). The sediments within most of the wetland-adjacent shovel probes excavated along Pacific Highway S typically comprised dark brown silt loam to silty clay in near-surface depths (A horizon) that overlaid deep, often stratified B horizon deposits of grayish-brown to gray silty clay (Figure 9-37). Gravel content varied greatly between these shovel probes but was often quite low relative to that observed within shovel probes located in drier upland locations. These sediment characteristics are consistent with both the Bellingham and Kitsap silt loams, which are mapped for that area (Snyder 1973:8–10, 17, 18).

Figure 9-36 Shovel Probe SP-304 at Completion of Excavation (52 cm [1.7 feet] bgs at tree root impasse) near St. George's Cemetery

Figure 9-37 Shovel Probe SP-669 at Completion of Excavation (83 cm [2.7 feet] bgs)

Fill and disturbed native soils were present to varying degrees in shovel probes excavated throughout several areas within the South Federal Way Segment, particularly in probes excavated in the area of several former structures and an existing artificial wetland pond at the east end of S 356th Street and within several of the parcels along Pacific Highway S between S 352nd St. and S 356th St. (Figures 9-38 and 9-39).

Figure 9-38 Shovel Probe SP-202 at Completion of Excavation (65 cm [2.1 feet] bgs) at the Area of Former Structures at the East End of S 356th Street

Figure 9-39 Shovel Probe SP-584 at Completion of Excavation (43 cm [1.4 feet] bgs) near Pacific Highway S within Parcel TD1621

9.1.2.3 South Federal Way Segment Previously Undocumented Archaeological Resources

The archaeological survey identified five previously undocumented archaeological resources in the South Federal Way Segment (Table 9-2). The resources consist of four previously undocumented archaeological sites — 45KI1584, 45KI1585, 45KI1586, and 45KI1587 — and one previously undocumented archaeological isolate —45KI1588. All the resources date to the historic period.

The rest of this section is redacted. Contains privileged information that is not for public disclosure.

9.1.3 Fife Segment

The Fife Segment is characterized primarily by substantial commercial developments (e.g., light industry, shipping/distribution, hospitality, retail), highways, and limited residential development. The northern portion of the segment consists of a continuation of the upland setting that is present in the South Federal Way Segment (Figures 9-68 through 9-70; Attachments J5.7 and J5.8). At Hylebos Creek and areas of the segment to the south and west of the creek, the APE crosses a lowland that was historically part of the Puyallup River delta, the drainages of which have been filled in and channelized to facilitate 20th-century developments.

Figures 9-68 through 9-70 redacted. Contains privileged information that is not for public disclosure.

9.1.3.1 Fife Segment Pedestrian Survey

In comparison to the South Federal Way Segment, pedestrian survey in the Fife segment encountered fewer remnant natural areas and the segment was more disturbed overall. Relatively undisturbed conditions were primarily confined to the north and south sides of West Hylebos Creek, where native stands of Douglas-fir, western redcedar, vine maple, black cottonwood, and Pacific willow were present (Figures 9-71 and 9-72). Otherwise, much of the surveyed portion of the Fife Segment was marked by invasive grasses, modern landscaping, and scattered invasive Himalayan blackberry and English Ivy (Figures 9-73 and 9-74). Ground-surface visibility was generally limited in these conditions, with bare exposures of sediments present throughout the segment.

Figure 9-71 West Hylebos Creek and Adjacent Areas, view southwest

Figure 9-72 Mix of Invasive and Native Vegetation in the WSDOT Right-of-Way between Porter Way S and West Hylebos Creek, view northeast

Figure 9-73 Grass-covered, Privately Owned Vacant Parcel on the West Side of 59th Avenue E, view east

Figure 9-74 Field Conditions on WSDOT Parcel on the Southwest Side of Hylebos Creek, view east/northeast

Past ground disturbances within the surveyed portions of the Fife Segment could be seen within the WSDOT right-of-way and in parcels away from the right-of-way. The more obvious signs of past disturbances include a water-filled ditch present within the WSDOT right-of-way adjacent to the southbound side of I-5 (Figure 9-75); large asphalt and concrete pads related to former structures on vacant WSDOT parcels between Hylebos Creek and 67th Avenue E (Figure 9-76); a WSDOT parcel west of 67th Avenue E that is covered by approximately 10 feet of fill and topped with gravels for use as a construction staging area/equipment storage yard (Figure 9-77);

a channelized stream extending through a parcel owned by Lynden Transport on 12th Street E (Figure 9-78); an artificial berm extending along the south side of Pacific Highway E on the Travelodge parcel and on a vacant parcel owned by the City of Fife (Figure 9-79); and an asphalt parking lot, a gravel-covered area used for scrap metal storage and discard and equipment storage for the active metal fabrication plant at the Interwest Metals, Inc., parcel on the east side of the Puyallup River (Figures 9-80).

Figure 9-75 Broad, Inundated Ditch in WSDOT Right-of-Way North of Hylebos Creek in Section 6, view northeast

Figure 9-76 Gravel Pad for Construction Staging/Equipment Storage on WSDOT Parcel West of 67th Avenue E, view northwest

Figure 9-77 Gravel Pad for Construction Staging/Equipment Storage on WSDOT Parcel West of 67th Avenue E, view northwest

Figure 9-78 Channelized Stream on the Lynden Transport Parcel, view south/southeast

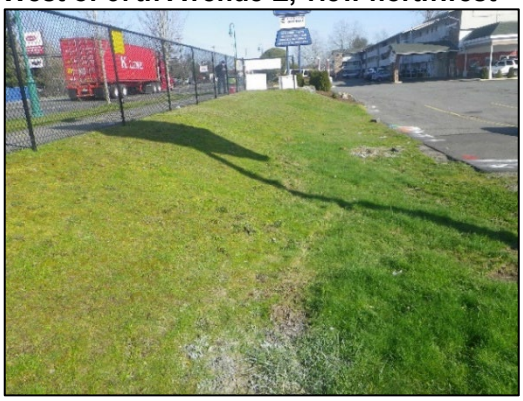

Figure 9-79 Strip of Landscaped Ground Between Parking Lot and Pacific Highway E on Travelodge Parcel Adjacent to Pacific Highway E, view east

Figure 9-80 Survey Conditions on the Interwest Metals, Inc., Parcel on the East Side of the Puyallup River, view northeast

Several locales within otherwise accessible portions of the Fife segment were not surveyed. The portion of WSDOT right-of-way nearest to Wapato Creek was surrounded by a fence and was not accessible to survey or shovel probe and auger core excavation (Figure 9-81). The water-inundated ditch adjacent to I-5 and inundated swales within the WSDOT right-of-way were also not surveyed, including the west end of the WSDOT right-of-way within the Fife segment that was completely inaccessible due to water inundation and lack of access through adjacent properties (Figure 9-82). In addition, a large and active transient encampment west of Port of Tacoma Road was avoided by the survey for safety reasons (Figure 9-83).

Figure 9-81 View toward Fence and Wapato Creek in WSDOT Right-of-Way East of Wapato Creek, view west

Figure 9-82 View toward Inaccessible West End of Section of WSDOT Right-of-Way in Area of Potential Ground Disturbance, view west

Figure 9-83 Transient Encampment in WSDOT Right-of-Way West of Port of Tacoma Road, view east/northeast

9.1.3.2 Fife Segment Shovel Probes and Auger Cores

In total, HRA and ATCRC excavated 154 shovel probes and auger cores in the Fife Segment (Figures 9-68 through 9-70, and 9-84). Shovel probes and auger cores were excavated in intervals spaced approximately 30 meters (100 feet) apart in the portion of the Fife Segment north of Hylebos Creek and approximately 15 to 20 meters (49 to 66 feet) apart elsewhere in the segment, as they were all areas with high archaeological sensitivity. Gaps in this excavation coverage are attributable to the presence of standing water, deep fill sediments such as fill berms, equipment storage areas (e.g., Interwest Metals, Inc., property), and gravel and asphalt pads that necessitated altering the shovel probes and auger core locations. In one case, shovel probes and auger cores were excavated outside of the Area of Potential Ground Disturbance within the APE directly south of a fill and gravel covered area on the WSDOT parcel west of 67th Avenue E due to the high archaeological sensitivity of the location.

Figure 9-84 Excavation in Progress at SP-431, view west

Archaeologists excavated the shovel probes and auger cores to maximum depths that ranged between 30 and 365 cm (1 and 12 feet) bgs. The depths of excavations greater than 100 cm (3 feet) bgs were, in all cases, extended with a hand auger. Shovel probes excavated to depths shallower than 100 cm (3 feet) bgs were terminated at the shallower depths because of the presence of glacial sediments, rock obstructions, high water tables that caused sediment cave-in, excessively compacted sediments, and concrete obstructions. The deepest auger core excavations were typically terminated because of the presence of water-saturated sandy sediments that could not be retrieved in hand auger buckets.

The sediments within the Fife Segment excavations were more variable than was the case in the South Federal Way Segment. This variability was primarily present in the excavations on the north side of Hylebos Creek, where there are several mapped soil types. In the northernmost portions of the Fife Segment, mapped soils consist of the Kitsap silt loam and Alderwood gravelly sandy loam. As was the case with the South Federal Way Segment, these soils characteristically contained dark grayish-brown sandy loams (Alderwood gravelly sandy loam) and dark brown to dark grayish-brown silt loams (Kitsap silt loam). Shovel probes excavated in the Kitsap silt loam transitioned to a grayish-brown to yellowish-brown clay loam to clay at greater depths, while those more characteristic of the Alderwood gravelly sandy loam contained yellowish-brown sandy loams at these lower depths (Figures 9-85 and 9-86). Gravels were also more prevalent in these excavations, with Alderwood-type sediment being generally gravellier (rounded and subrounded pebbles and small cobbles comprising 10 to 15 percent of sediment

volumes) than Kitsap-type sediment (rounded and subrounded pebbles comprising 0 to 5 percent of sediment volumes) (USDA NRCS 2021a, 2021b).

Figure 9-85 SP-365 at Completion of Excavation (45 cm [17.7 inches] bgs) in Area of Kitsap Silt Loam Sediment

Figure 9-86 SP-379 at Completion of Excavation (200 cm [6.6 feet] bgs) in Area of Alderwood Gravelly Sandy Loam

Farther south toward the north side of Hylebos Creek, poorly drained mucky sediment was present as the landform descended into a floodplain (Figure 9-87). Sediments in excavations in this area contained surface soil that was a very dark brown to black sandy loam that transitioned to a gray clay. Excavations within this soil were in an area mapped for the Tisch silt, although the soil appears to have been more characteristic of the Semiahmoo muck, which is mapped to the north of this area near West Hylebos Creek (USDA NRCS 2021c, 2021d).

Figure 9-87 SP-420 at Completion of Excavation (80 cm [2.6 feet] bgs) on the North Side of Hylebos Creek

Excavations on the south and west sides of Hylebos Creek and the remainder of the Fife Segment contained deep, sandy loam and sand soils that often contained stratified layers of clay loam and clay soils. The majority of these excavations were in areas mapped for the Sultan silt loam (Figure 9-88). The Briscot silt loam, mapped in areas on the east and west side of Wapato Creek (Figure 9-89), breaks the contiguous coverage of Sultan silt loam soil in this section. Both of the soils are formed in alluvium in floodplains and are marked by similar deep, sandy soils. The A horizon consists of dark brown to dark grayish-brown sandy loam extending to approximately 30 to 40 cm (1 to 1.5 feet) bgs. Beneath this depth were bands of sands,

sandy loams, and, often, clay that extended to the maximum depths of the excavations. The general observed color pattern was brownish-gray to pale gray that would often transition to gray or dark gray below 150 cm (5 feet) bgs (USDA NRCS 2021e, 2021f).

Figure 9-88 SP-448 at Completion of Excavation (200 cm [6.6 feet] bgs) in Area of Sultan Silt Loam East of 62nd Avenue E

Figure 9-89 SP-509 at Completion of Excavation (177 cm [5.8 feet] bgs) in Area of Briscot Silt Loam North of Wapato Creek

A group of shovel probe and auger core excavations (SP-550 and SP-560) also contained buried soils (Figures 9-70 and 9-90) These soils were apparently buried, organic-rich A horizons typically found below clay deposits. The buried soils appeared at depths ranging between 115 and 160 cm (4 and 5 feet) bgs. They consisted of a dark brown silt loam with many rootlets and were between 20 and 50 cm (or 8 inches and 1.6 feet) thick (Figure 9-91). In some cases (SP-550, SP-552, SP-553, and SP-556), a second organic layer was encountered between 170 and 270 cm (6 and 9 feet) bgs, depending upon the excavation location. These second organic layers had the same overall color and sedimentary characteristics as the shallower layers. No cultural material was identified in these organic layers, although these types of buried surfaces are generally indicative of old soils that could contain precontact artifacts. Similar buried soils were found throughout the mid-section of the Puyallup River Basin during the geoarchaeological investigations (see Section 9.3.2 below) and may correlate to these deposits.

Figure 9-90 SP-555 at Completion of Excavation (185 cm [6 feet] bgs) in Section 9

Figure 9-91 Buried Dark Brown Organic-Rich Surface (from between 130 and 170 cm [4.2 and 5.6 feet] bgs) in SP-555 in Section 9

9.1.3.3 Fife Segment Previously Undocumented Archaeological Resources

The archaeological survey identified one previously undocumented archaeological resource — Site 45PI1555 — in the Fife Segment. The site dates to the historic period and is described below.

The rest of this section is redacted. Contains privileged information that is not for public disclosure.

9.1.4 Tacoma Segment

The Tacoma Segment is the most comprehensively developed of all of the survey areas. The overwhelming majority of the segment crosses impervious surfaces and areas of obvious extensive previous disturbance and fill deposition. The northern portion of three adjoining parcels northwest of the intersection of E 26th Street and East L Street was the only area within the segment where pedestrian survey and excavations were conducted (Figure 9-98).

Figure 9-98 redacted. Contains privileged information that is not for public disclosure.

9.1.4.1 Tacoma Segment Pedestrian Survey

The area that was surveyed within the Tacoma Segment comprises three adjoining private parcels owned by Lentz Properties, LLC, and Neptune Capital, LLC, located northwest of the intersection of E 26th Street and East L Street. The entire Area of Potential Ground Disturbance within these parcels is covered with non-native grasses and mineral soil visibility was very low (approximately 5 percent) (Figure 9-99). A fourth parcel (location of Neptune Seafood, Inc.) to the east of these three parcels also crosses the APE, but the portion of the parcel within the APE consists of the fenced, gravel-covered parking lot for the business.

Figure 9-99 Survey Conditions on the Adjoining Private Parcels with Neptune Seafood, Inc., in the Background in Section 12, view east

9.1.4.2 Tacoma Segment Shovel Probes and Auger Cores

HRA and ATCRC excavated nine shovel probes and auger cores in the Tacoma Segment (Figures 9-98, 9-100 and 9-101). The shovel probes and auger cores were excavated to maximum depths between 44 and 95 cm (1 and 3 feet) bgs in intervals spaced approximately 15 meters (49 feet) apart or less on the three adjoining parcels that make up the surveyed portion of the Tacoma Segment. While there is no NRCS soil map coverage for the Section 12 location, the soil in the shovel probes was characteristic of the Alderwood gravelly sandy loam with dark brown sandy silt loam A horizons that was either directly overlying glacial sediments (gray gravelly silty sand) or transitioned to B horizons that were grayish- to yellowish-brown sandy loams before reaching glacial sediments. In the four shovel probes in which glacial sediments were not reached, excavations were terminated because of the presence of obstructions (a root, a rock, a buried utility pipe, and extensive compacted gravels). No deep auger cores were excavated in the Tacoma because of these obstructions and the presence of glacial sediments, although a hand auger was used to excavate into the deepest sediments in SP-576 (95 cm [3 feet] bgs), which consisted of glacial till (Figure 9-100).

Figure 9-100 Work in Progress at SP-573, view southeast

Figure 9-101 SP-576 at Completion of Excavation (95 cm [3 feet] bgs) in Section 12

9.1.4.3 Tacoma Segment Previously Undocumented Archaeological Resources

The archaeological survey identified one previously undocumented archaeological resource (Site 45PI1556) in the Tacoma Segment. The site dates to the historic period and is described below.

The rest of this section is redacted. Contains privileged information that is not for public disclosure.

9.1.5 Other Cultural Material in All APE Segments

There were several cultural objects and features observed throughout all three segments of the APE during archaeological investigations (see Section 5.1 for the description of survey methods) that were not recorded as archaeological sites or isolates because they lacked diagnostic attributes that could be tied to the historic period (i.e., 50 years or older). These were typically light scatters and isolated objects of trash discarded within the WSDOT right-of-way. Included among these objects were cans and bottles dating from the 1970s to the present day. In some cases, these scatters appeared to be related to transient camp activities. Modern drug paraphernalia, primarily consisting of hypodermic needles, was also present.

The temporally non-diagnostic/modern features encountered included constructed ponds, embankments, and retaining walls adjacent to I-5 within the WSDOT right-of-way. In all cases, cultural material, unless obviously modern, was examined for any potentially historically diagnostic attributes.

9.2 Geoarchaeological Field Survey

The project extracted a total of 20 archaeological bores and excavated six geoarchaeological shovel probes as part of the geoarchaeological study for TDLE (Figures 9-108 through 9-111; see Tables 9-3, 9-5, 9-6, 9-7, 9-8, and 9-9). The geoarchaeological work occurred between January 4 and March 4, 2021. The depth of sediments reached by the bores ranged between 7.9 and 48.8 meters (26 and 160 feet) bgs. Bores were extracted in sections measuring between approximately 0.5 and 1.5 meters (1.5 and 5 feet) in length, although some variability in section length occurred due to compaction, difficulties with sediment retention, and obstructions (see Section 5.1.1.3). Geoarchaeological shovel probes were excavated at least 20 cm (7.9 inches) into glacial material. Sediments from each bore section and sediments recovered during the geoarchaeological shovel probing were screened through 1/4-inch hardware mesh to determine if archaeological deposits were present. No archaeological materials were found during screening of sediments extracted as part of the geoarchaeological investigations. Bore logs and geoarchaeological shovel probe forms are available on file with Sound Transit.

The geoarchaeological analyses revealed complicated stratigraphic sequences of sediments consistent with depositional environments affected by glacial processes, isostatic rebound, eustatic sea level rise, and delta progradation during which massive lahar deposits were episodically emplaced. Although these deposits varied significantly within and between cores, general patterns in sediment deposits were noted. When viewed relative to the studies conducted by other researchers in the area (e.g., Collins and Montgomery 2011; Crandell 1971; Crandell and Waldron 1956; Dethier et al. 1995; Dragovich et al. 1994; Elder and Sparks 2010; Hodges 2009, 2010; Jones 1996; Mullineaux 1970; Punke et al. 2017; Rinck 2014; Scott et al. 1995; Thorson 1989; Vallance and Scott 1997; Zehfuss et al. 2003), a common history of deposition and depositional setting interpretation within the APE was revealed.

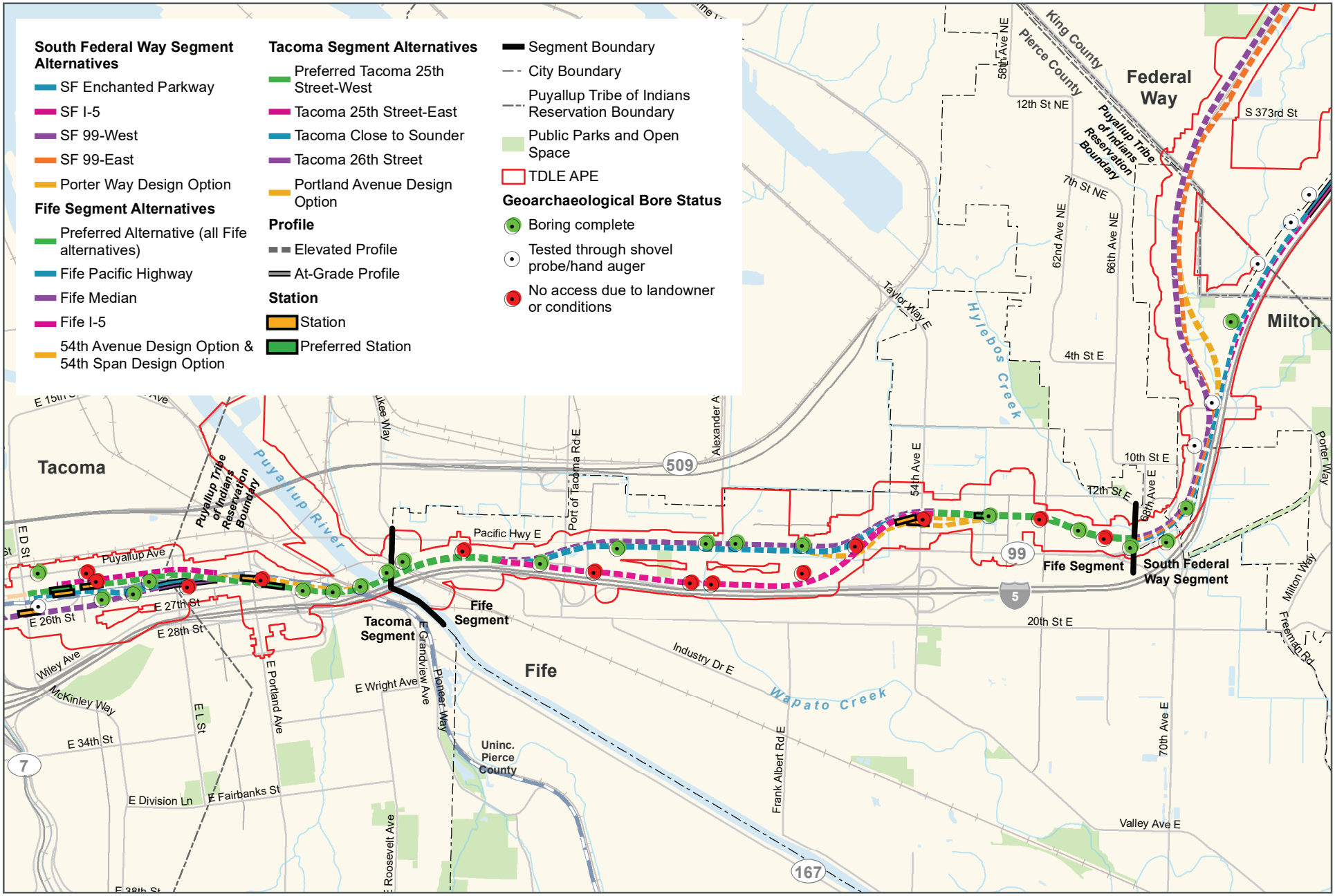

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 9-108
Geoarchaeological Bore Location Status Overview

Tacoma Dome Link Extension

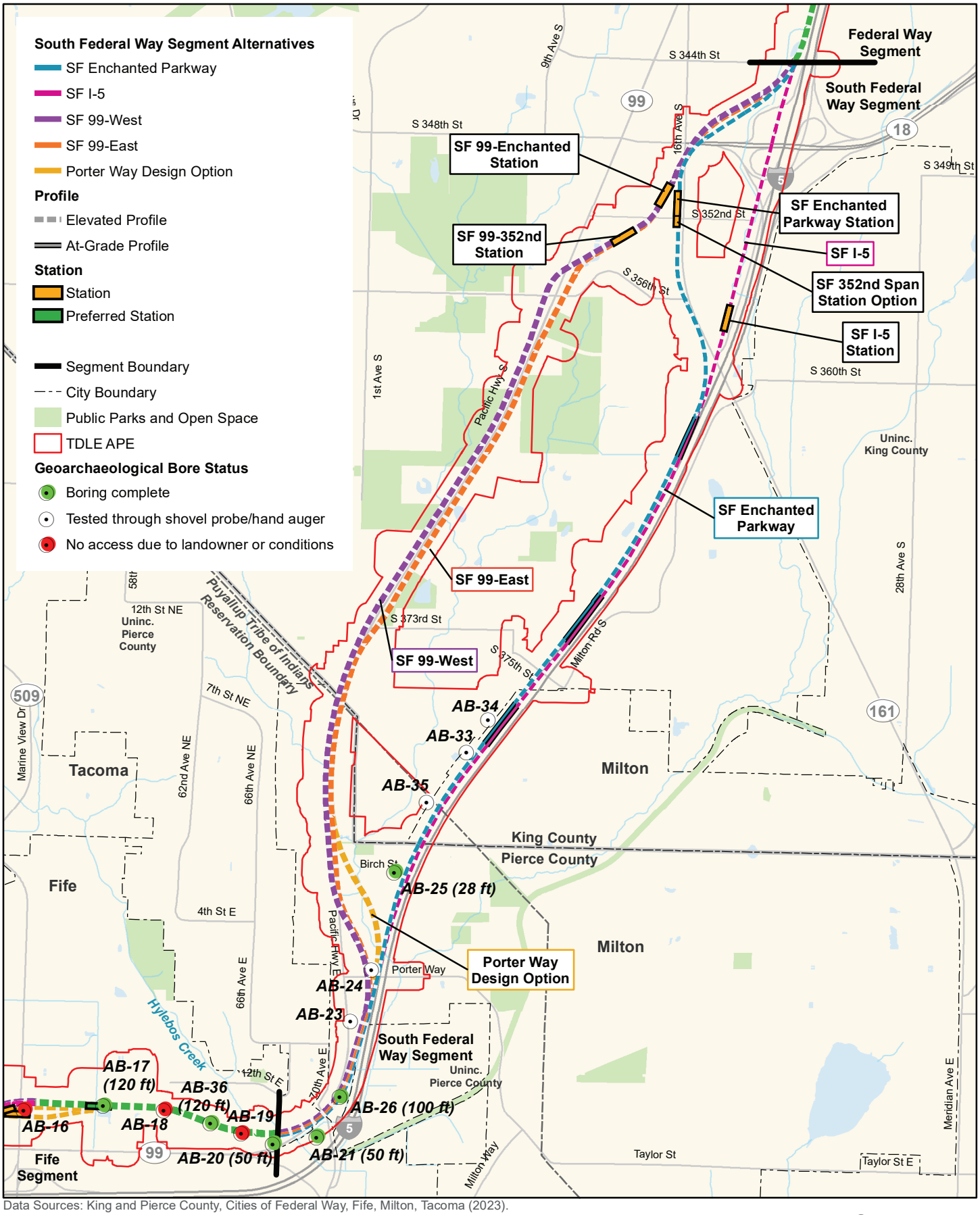

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

FIGURE 9-109
Geoarchaeological Bore Location Status
South Federal Way/Fife

Tacoma Dome Link Extension

N

0 0.5 1 Mile

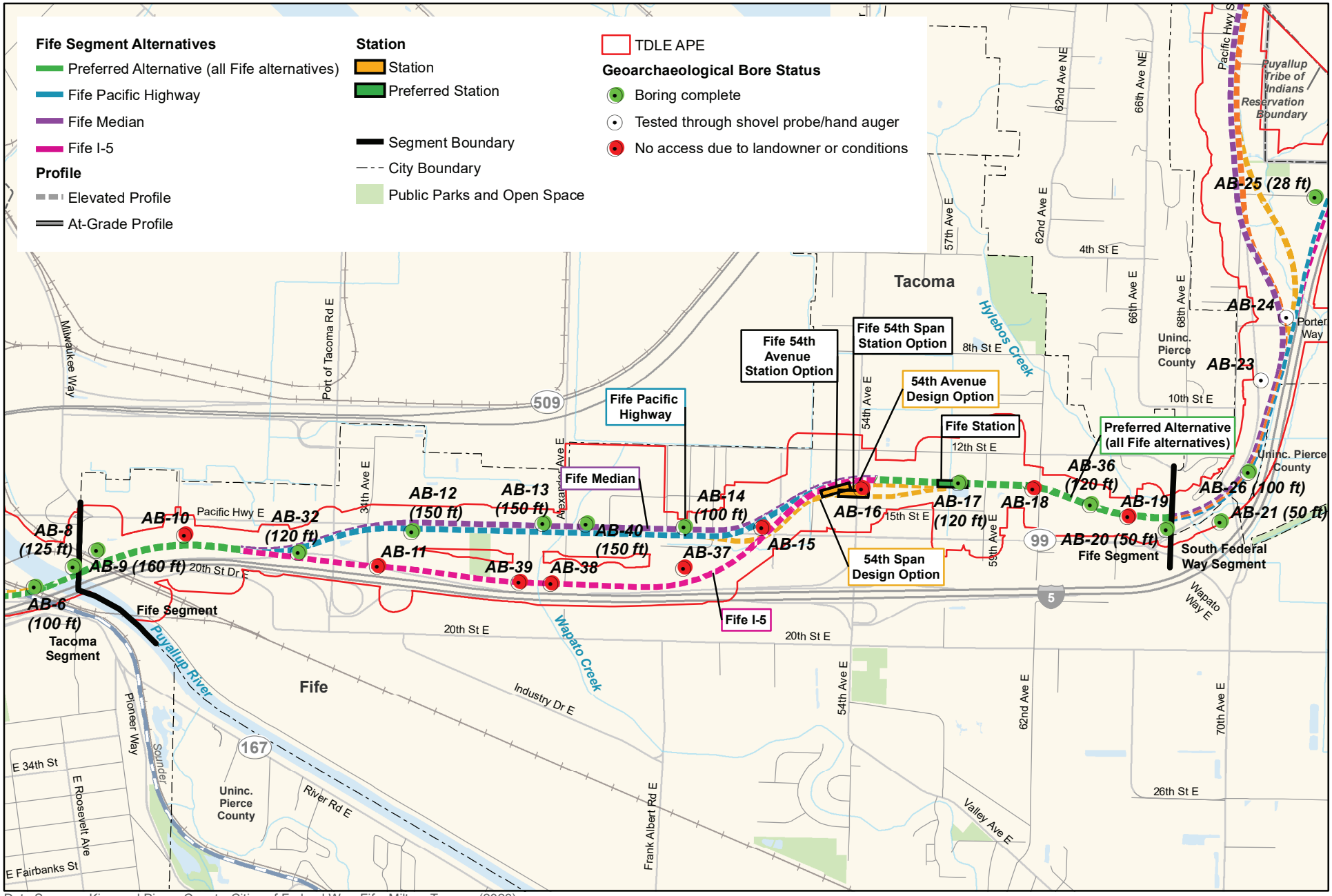

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 9-110

Geoarchaeological Bore Location Status

Fife

Tacoma Dome Link Extension

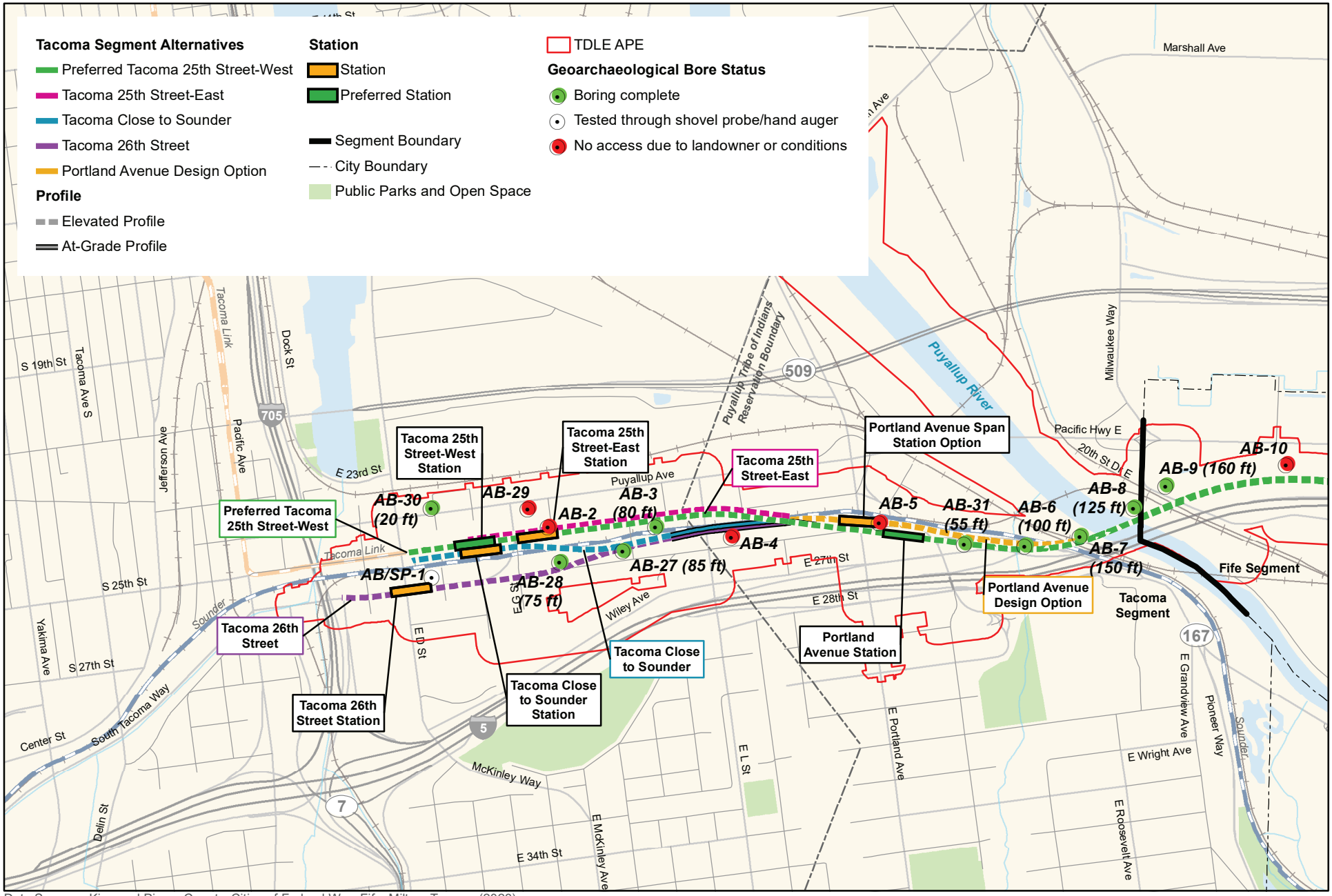

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 9-111
Geoarchaeological Bore Location Status
Tacoma

Tacoma Dome Link Extension

9.2.1 Identification of Depositional Settings

The geoarchaeological investigations found sequences of sediments and associated inclusions (sediment types) that were assigned a Depositional Setting based on various physical properties and stratigraphic position (see Section 5.1.1.3). These Depositional Settings are defined below:

Glacial: Basal deposits within some of the bores, in particular those at the western end of the APE, included very poorly sorted gravels, sands, and finer-grained sediments consistent with glacial materials (Figure 9-112). Although similar in appearance to some overlying mass-movement or lahar deposits, the stratigraphic position of the glacial deposits as compared to sediment cores extracted nearby as part of a study by Punke et al. (2017) supports the Glacial Depositional Setting assignment. Glacial deposits found in the bores are likely late Pleistocene in age and have a low probability of containing archaeological materials within them.

Figure 9-112 Photograph of Glacial Materials Recovered from near the Base of Archaeological Bore AB-27

Intertidal/Subtidal: In the lower section of some of the deeper bores, particularly towards the middle of the Puyallup basin between the Puyallup River and Hylebos Creek, blueish-gray (gleyed) fine to coarse sands occasionally intermixed with marine shell fragments were encountered (Figure 9-113). These materials represent a relatively high-energy depositional environment within a subtidal setting, such as the prograding front edge of the Puyallup River delta. Due to the high-energy, subaqueous setting of deposition of these delta foreset deposits, they have a relatively low probability of containing *in-situ* archaeological deposits.

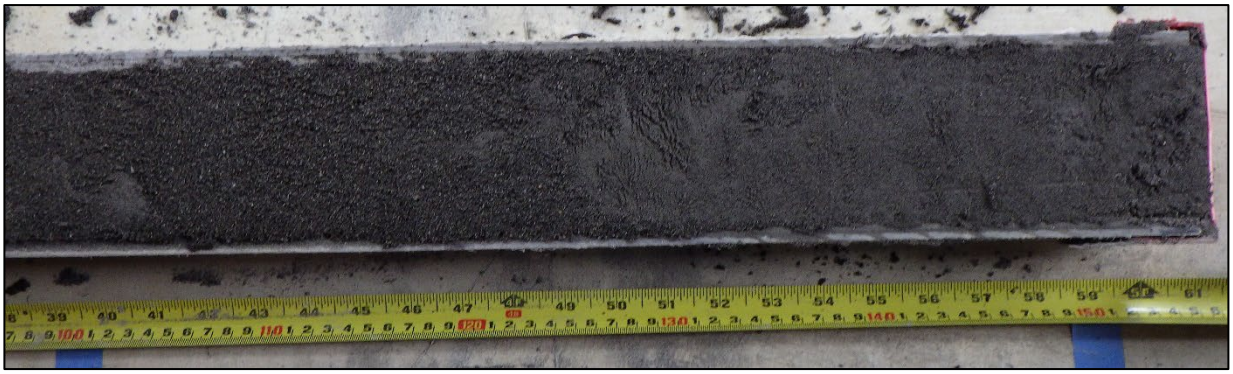

Figure 9-113 Photograph of Intertidal/Subtidal Deposits Recovered from between 38.1 and 39.6 Meters (125 and 130 Feet) in Bore AB-9

Intertidal/Tidal Marsh: In the lower to mid-sections of most of the bores, HRA found thick, interlayered, generally fine-grained sands, silts, and clays (Figure 9-114). These deposits were gleyed in color and often contained marine shell fragments or, less frequently, whole shells. Layers or small inclusions of organic materials were commonly associated with these deposits. The fine-grained nature of the materials and presence of organics suggests a relatively low-energy depositional environment, such as a tidal marsh or tidal flat associated with the emerging top of a delta. Such deposits, especially if associated with a stable surface, as indicated by soil development, have a moderate to high probability to have been used by humans in the past and to contain archaeological evidence of their presence.

In some cases, fine-grained Intertidal/Tidal Marsh deposits were found directly below coarser-grained fluvial deposits or Osceola Mudflow/Mass Movement materials, suggesting they could represent delta bottomset beds. Emplacement of the coarse-grained materials atop the intertidal or marsh deposits was associated with erosion in some bores, but in other bores a buried soil at the top of the finer grained materials suggests that the underlying deposits were not truncated prior to being capped.

Figure 9-114 Photograph of Intertidal/Tidal Marsh Deposits Recovered between 13.7 and 15.2 Meters (45 and 50 Feet) in AB-12

Mass Movement: Very poorly sorted, predominantly coarse-grained sand and gravel deposits containing minor amounts of silts and clays were encountered in the lower to mid-sections of many of the bores (Figure 9-115). While similar deposits have been identified as glacial materials in geotechnical and geoarchaeological studies conducted in the area (Hodges 2009), other studies have found that these materials are more likely early Holocene in age (Punke et al. 2017).

Another possible source of the poorly sorted coarse-grained materials is the Osceola Mudflow, a catastrophic lahar deposits that was emplaced around 5,600 years ago (Crandell 1971; Crandell and Waldron 1956; Dragovich et al. 1994; Vallance and Scott 1997). A study of the distribution of Osceola Mudflow deposits by Dragovich et al. (1994) indicates that they are deeply buried in the midsection of the Puyallup basin, but may be found at a shallower depth along the basin's margins. However, Dragovich et al.'s (1994: Figure 3) mapping of the Osceola Mudflow deposit also suggests that the deposits thin so significantly towards the margin of the basin that they are not present in the western portion of the APE. The nearby study conducted by Punke et al. (2017) also argues against an Osceola Mudflow origin of the sediments, as similar materials encountered in their bores returned radiocarbon dates in the range of 8,000 to

10,000 years in age. Although it is possible that some older material was entrained during the event that returned these dates, given that most of the dates were around 8,000 years in age, it is more likely that the deposit pre-dates the Osceola Mudflow by thousands of years.

The poorly sorted, coarse-grained deposits most likely originated as fluid-entrained mass-movements deriving from the glacial uplands found to the south of the TDLE corridor near the Tacoma Dome. The sediments are too poorly sorted and lacking in shell to represent beach, delta front, or subtidal materials. Their massive nature, the lack of bedding planes or sediment-size grading with depth, and the variability in grain size suggests the materials represent a single, high-energy depositional event. Such a deposit is unlikely to contain *in-situ* evidence of human occupation.

Figure 9-115 Photograph of Poorly Sorted, Coarse-grained Gravels and Sands with Minor Silt and Clay Constituents from between 16.7 and 18.2 Meters (55 and 60 Feet) bgs in Archaeological Bore AB-28

Fluvial Setting: Fluvial deposits are defined for the current report as those materials deposited within an active fluvial channel or channel margins (levees), as opposed to those deposited outside of normal high-water levels, such as on floodplains. This differentiation is made in order to highlight the energy of the depositional system, with fluvial deposits representing a higher-energy system. In the current study, fluvial deposits include well-sorted fine to coarse sands and gravels emplaced as graded beds (flood events) or as thick, massive deposits of andesite-rich sands likely associated with lahars or erosion and redeposition of lahar sediments (Figure 9-116). Some of these fluvial materials may represent delta foreset beds. Fluvial deposits have a low probability of containing archaeological materials within them.

Figure 9-116 Photograph of Well-sorted, and Site-rich Sands from Between 18.2 and 19.8 Meters (60 and 65 Feet) bgs in Bore AB-12

Wetland/Alluvial Floodplain: Nearer to the surface of many of the bores, HRA encountered massive to thinly laminated clays, silts, and very fine to fine sand deposits (Figure 9-117). These deposits contained no marine shell. Organic materials were common, however, including fibrous peats, reed-like stalks, charcoal nodules, and woody debris (bark, twigs, splintered wood). Evidence of buried soils, generally incipiently developed A horizons with occasional B horizons discernible, was found at intervals within many wetland/alluvial floodplain sediment sequences, suggesting periodic stability of the landform. These materials were emplaced in a supratidal or freshwater environment after sea level stabilized and the delta surface emerged. Fine sands associated with this setting represent alluvial materials deposited along the margins of small creeks that flow within the basin, like Wapato or Hylebos Creek; tidal channels and levees; or distal floodplain deposits associated with overbank flooding on the Puyallup River. Massive to finely laminated fine-grained deposits of clays, silts, and very fine sands containing common organic fibers, reeds, or peaty materials were classified as **Wetland** settings. Wetland/Alluvial Floodplain settings would have been desirable locations for early human occupation due to their stability and proximity to resources. These deposits have a high probability of containing archaeological materials.

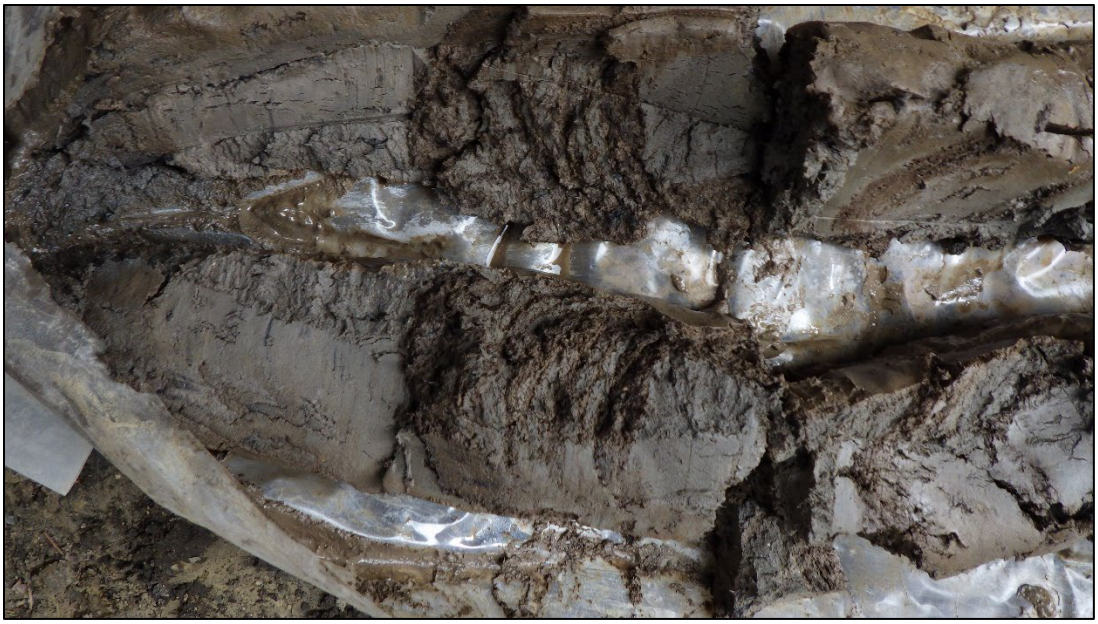

Figure 9-117 Photograph of Deposits Originating from a Wetland/Alluvial Floodplain Setting Recovered from between 1.5 and 3.0 Meters (5 and 10 Feet) bgs in Archaeological Bore AB-12

Peat and **Buried Soil:** Peats and buried soils were found in both Intertidal/Tidal Marsh and Wetland/Alluvial Floodplain settings. **Peats** are unconsolidated, deposits of partially decomposed humic organic matter mixed with variable amounts of mineral soil (Figure 9-118). They form in fresh- or brackish-water swamps or marshes in largely anaerobic conditions (Boggs 2001). Although peaty areas would not have been desirable locations for human occupation in the past due to their saturated state, peats are often associated with nearshore settings or abandoned channels, adjacent to which are resource-rich terrestrial settings.

Figure 9-118 Photograph of Peat Deposit Encountered Between 19.8 and 21.3 Meters (65 and 70 Feet) bgs in Geoarchaeological Bore AB-27

Buried soils represent the upper portion of a terrestrial landform that was once at the earth's surface and was stable for a long enough period of time for soil formation to occur. These stable landforms may have been utilized by humans in the past, in particular when they are associated with nearshore or resource rich alluvial environments. Buried soils in the geoarchaeological bores were most often expressed as organically enriched sediments (A horizons), occasionally overlying sediments displaying iron oxide and/or manganese accumulations (B horizons) (Figure 9-119). Strata identified during HRA's geoarchaeological investigations associated with both Peats and Buried Soils have a high probability of containing *in-situ* archaeological deposits.

Figure 9-119 Photograph of Buried Soil Recovered from Between 12.1 and 13.7 Meters (40 and 45 Feet) bgs in Archaeological Bore AB-40

Topsoil: Surface soils were identified in some of the bores and geoarchaeological shovel probes in the northeastern portion of the APE. This topsoil formed largely in glacial materials. The soil is positioned at the modern ground surface but has likely been actively forming since the deposition of the parent material at the end of the last glacial period. Given that this surface has been present since the late Pleistocene, it has the potential to contain archaeological deposits if the setting was desirable for human activities in the past.

9.2.2 Geoarchaeological Analysis and Depositional Setting Interpretations

The discussion below presents the results of detailed geoarchaeological analysis of archaeological bores and geoarchaeological shovel probes excavated within the APE, the sediment types encountered in each bore/probe, and the Depositional Setting assignments. Because the TDLE corridor is miles in length, it passes through multiple modern and paleo-depositional settings along its route. To facilitate analysis and reporting, geoarchaeological bores are grouped by their stratigraphic relationships and their location along the alignment from east to west (Figure 9-120):

- **Group 1**. Archaeological bore (AB) AB-25, positioned along I-5 in the South Federal Way Segment of TDLE, and geoarchaeological shovel probes, excavated along the South Federal Way and Fife segments in lieu of bores.
- **Group 2**. AB-20, AB-21, and AB-26, all of which were extracted near the toe of the glacial upland along the Fife Curve (where southbound I-5 turns west entering Fife).
- **Group 3**. AB-12, AB-13, AB-14, AB-17, AB-32, AB-36, and AB-40 extracted from the central portion of the Puyallup River valley.
- **Group 4**. AB-8 and AB-9 extracted from the right (east) bank of the Puyallup River.
- **Group 5**. AB-6, AB-7, and AB-31 positioned on the left (west) bank of the Puyallup River.
- **Group 6**. AB-3, AB-27, AB-28, AB-30 were extracted on the lowland landform found to the north of the Tacoma Dome and geoarchaeological shovel probe excavated at the location of AB/SP-1.

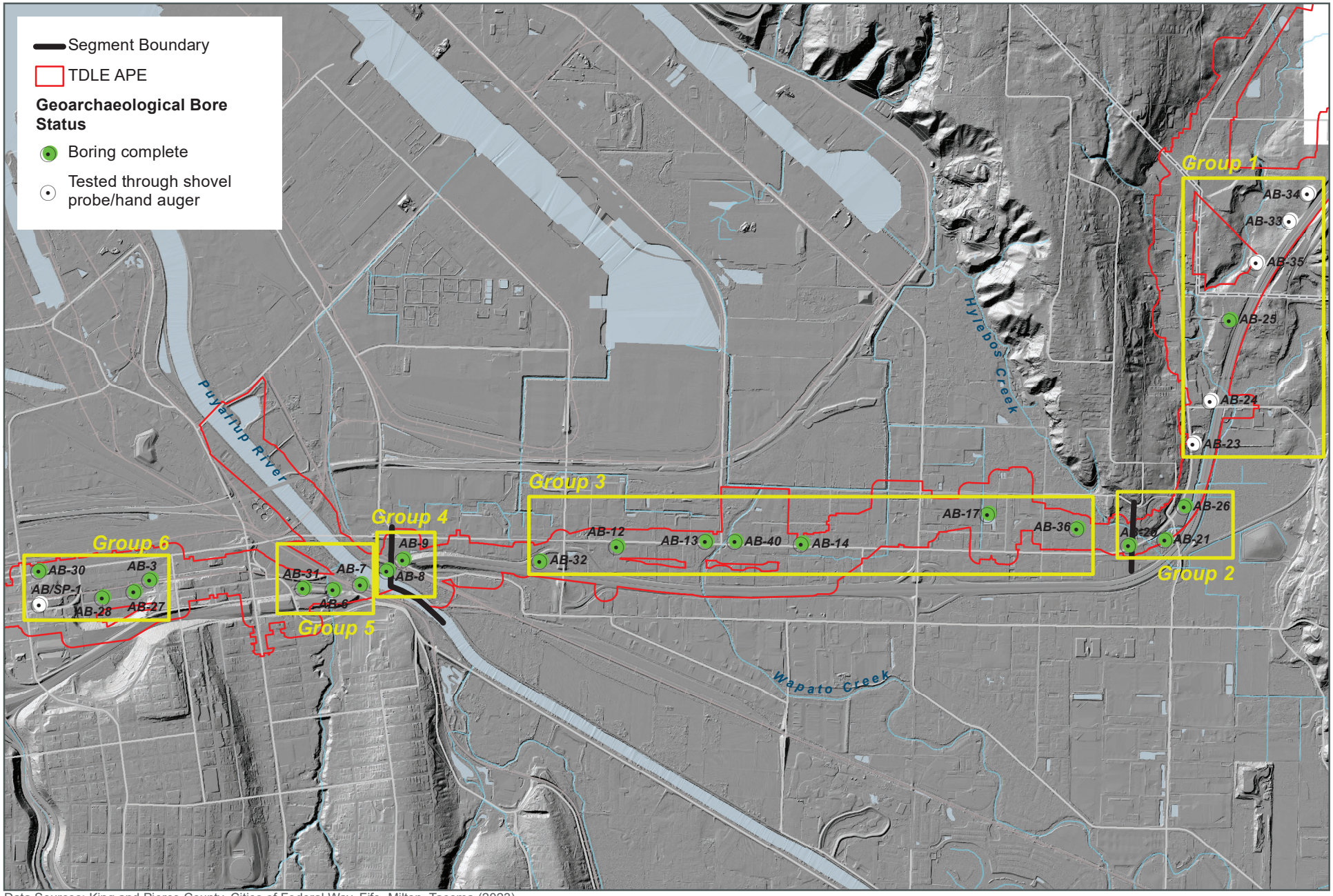

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 9-120

Geoarchaeological Study Bores and Shovel Probe Groupings Overview

Tacoma Dome Link Extension

In order to assist with tracking landforms across the APE, each Depositional Setting was assigned a stratum designation (Table 9-3). Stratum assignments for the bores and geoarchaeological shovel probes excavated during the geoarchaeological investigations have been made based on common sediment characteristics, stratigraphic positions, depositional environment interpretations, and radiocarbon date ranges. Not all of the strata identified are continuous across the entirety of the APE; because of this, some strata will be present within some coring groups, but not others. Strata numbers are ordered so that the lowest number (Stratum I) represents the stratigraphically lowermost deposit (glacial material) and the highest stratum number (Stratum VIII) represents the stratigraphically uppermost deposit (surficial fill).

Table 9-3 Strata Assignments and Depositional Settings

Stratum	Depositional Setting	Probability for Archaeological Deposits
VIII	Fill	Low
VII (a,b)	Fluvial Setting (Including Lahars)	Low
VI (a,b,c)	Wetland/Alluvial Floodplain; Buried Soil; Peat	Moderate to High
V	Fluvial Setting (Including Lahars)	Low
IV	Intertidal/Tidal Marsh	Low to High
IIIa	Mass Movement	Low
III	Intertidal/Subtidal	Low
II	Intertidal/Tidal Marsh; Buried Soil; Peat	Moderate to High
I	Glacial	Low

In the discussion below, each of the strata encountered in the bores are identified and assessed for their probability of containing archaeological deposits. The archaeological probability of strata is not necessarily consistent across each set of bores but is considered relative to the particular attributes of a stratum within a given bore and the bore's position relative to recorded archaeological resources, buried surfaces, or other pertinent factors, such as age of deposit.

9.2.2.1 South Federal Way and Fife Segments: Boring Group 1

Boring Group 1 included AB-25 and five geoarchaeological shovel probes excavated at the proposed locations of archaeological borings, AB-23 (SP-416), AB-24 (SP-404), AB-33 (SP-280), AB-34 (SP-281), and AB-35 (SP-286). The geoarchaeological shovel probes were given SP numbers as well as AB numbers because they coincided with the locations of shovel probes proposed for the near-surface archaeological survey (see Section 9.1). The Group 1 geoarchaeological shovel probes and bore were excavated in the glacial uplands located to the north of the Fife curve in the northeastern portion of the APE (see Figure 9-120). Sediments encountered in the probes and bores were almost exclusively glacial in origin and have a very low likelihood for containing archaeological resources (Table 9-4). Very thin topsoils were identified in many of the locations; these soils formed in glacial materials, so although they have some potential to contain archaeological materials associated with human use of the landscape, these materials are associated with a surface that has been exposed for thousands of years and has been impacted by modern development in many areas. These topsoils are considered low probability deposits in terms of their potential to contain buried, intact archaeological resources.

Table 9-4 Group 1 Archaeological Bores

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-23 (SP-416)	0	0.2	13.02	12.82	Fill	Fill	VIII	Low
	0.2	0.4	12.82	12.62	Clays and silts - slopewash	Glacial	I	Low
	0.4	0.7	12.62	12.32	Poorly sorted gravels, sands, silts, clay	Glacial	I	Low
AB-24 (SP-404)	0	0.1	11.52	11.51	Topsoil- Oi soil horizon	Topsoil	I	Low
	0.1	0.4	11.51	11.47	Poorly sorted gravels, sands, silts, clay	Glacial	I	Low
AB-25	0	0.12	21.29	21.17	Fill	Fill	VIII	Low
	0.12	0.3	21.17	20.99	Topsoil- clays and silts, iron oxide common	Topsoil	I	Low
	0.3	1.82	20.99	19.47	Clays and silts, iron oxide common	Glacial	I	Low
	1.82	1.92	19.47	19.37	Poorly sorted gravels, sands, silts	Glacial	I	Low
	1.92	3.7	19.37	17.59	Clays and silts	Glacial	I	Low
	3.7	3.9	17.59	17.39	Poorly sorted gravels, sands, silts	Glacial	I	Low
	3.9	3.97	17.39	17.32	Clays and silts	Glacial	I	Low
	3.97	4.19	17.32	17.1	Poorly sorted gravels, sands, silts	Glacial	I	Low
	4.19	8.5	17.1	12.79	Massive very fine sands, silts, and clays	Glacial	I	Low
AB-35 (SP-286)	0	0.15	18.78	18.63	Topsoil- Oi soil horizon	Topsoil	I	Low
	0.15	0.6	18.63	18.18	Poorly sorted gravels, sands, silts, clay	Glacial	I	Low
AB-33 (SP-280)	0	0.1	22.46	22.36	Topsoil- Oi soil horizon	Topsoil	I	Low
	0.1	0.8	22.36	21.66	Poorly sorted gravels, sands, silts, clay	Glacial	I	Low
AB-34 (SP-281)	0	0.1	38.68	38.58	Topsoil- Oi soil horizon	Topsoil	I	Low
	0.1	0.6	38.58	38.08	Poorly sorted gravels, sands, silts, clay	Glacial	I	Low

Notes:
mbs – meters below surface
msl – elevation in meters relative to modern mean sea level

9.2.2.2 Fife Segment: Boring Group 2

Towards the eastern end of the APE, Boring Group 2's three bores, AB-20, AB-21, and AB-26, were extracted near the location where Hylebos Creek enters the Puyallup River Basin (see Figure 9-120). Bores AB-20 and AB-21 displayed stratigraphy that included multiple wetland/alluvial floodplain deposits (Stratum VI) interlayered with andesite-rich fluvial deposits likely representing lahar runout (Stratum VII) (Figure 9-121). Multiple episodes of lahar and wetland/alluvial floodplain sediment deposition occurred and have been differentiated using the letters a, b, and c.

The wetland/alluvial floodplain deposits, Stratum VI, include fine-grained sands, silts, clays, peats, and buried soils found in a wetland/alluvial floodplain environment. These materials sat atop the Puyallup River delta as the landform emerged into a terrestrial setting. During this phase of delta development, the basin likely resembled the landscape depicted on an 1877 map of the area (Figure 9-122), with tidal wetlands along the shore margins, tidal channels reaching up into the distal marshlands, and small streams or distributary channels traversing the land. Based on a radiocarbon date on a sample from 14.9 meters (49.1 feet) in depth from AB-20 of 5317–5465 cal B.P. (Table 9-5), the lowermost wetland/alluvial floodplain stratum in AB-20 was likely deposited at the beginning of delta emergence, just after the Osceola Mudflow event around 5,600 years ago.

The materials found in the Group 2 bores have been correlated by depth and stratigraphic appearance (Table 9-6). AB-26 displayed similar stratigraphy to AB-20 and AB-21 with one major difference: the two thick fluvial deposits found in AB-26 contained no andesite or scoria that would suggest a lahar deposit. Instead, these well-sorted, graded sands and gravels were quartz rich. Given the bore's position along Hylebos Creek near to where the creek enters the Puyallup River Basin at the base of the glacial uplands, these fluvial sediments likely represent Hylebos Creek alluvium. These two deposits were not encountered in any of the other geoarchaeological bores or shovel probes excavated in the area, and thus have been given unique the stratigraphic identifiers Hylebos I and Hylebos II. The lower two wetland/alluvial floodplain deposits encountered in AB-26 have been assigned to strata identified in AB-20 and AB-21 based on their stratigraphic positions. However, without radiocarbon dating of deposits, stratum assignment remains equivocal.

The wetland/alluvial floodplain deposits (Strata VIa, VIb, and VIc) found in all three Group 2 bores represent a nearshore setting within which small tidal channels or alluvial streams draining the uplands deposited silts and fine sands, while marginal areas supported an organic-rich marsh environment. Such areas, in particular those out of the range of tidal inundation, may have been conducive to human use. However, because no buried soils were noted within these deposits that would suggest extended landscape stability, Strata VIa, VIb, and VIc should be considered to have a moderate probability for containing archaeological resources. Strata VIIa, VIIb, Hylebos I, and Hylebos II fluvial deposits were emplaced in a high-energy setting and have a low likelihood to contain archaeological deposits.

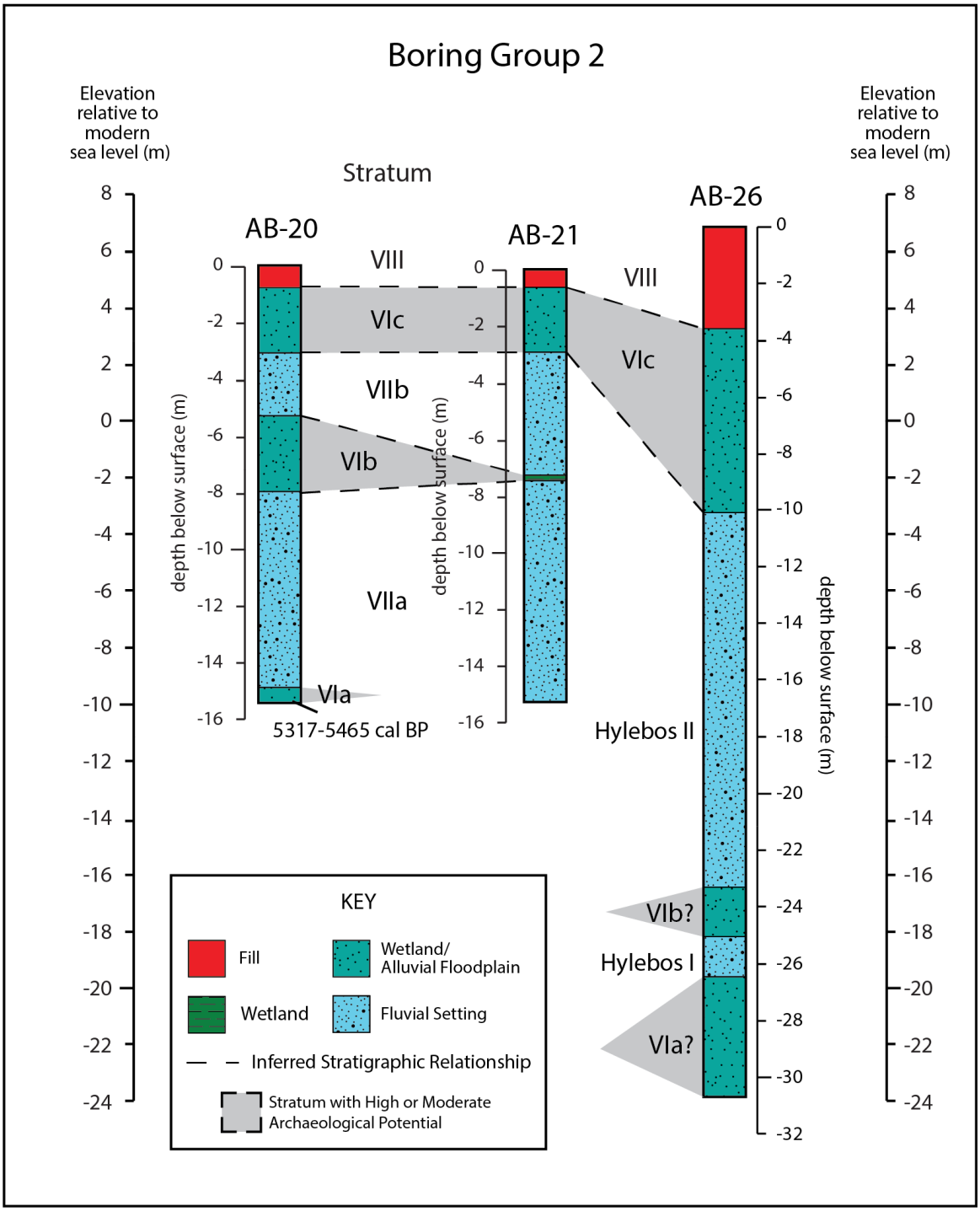

Figure 9-121 Stratigraphy of Boring Group 2

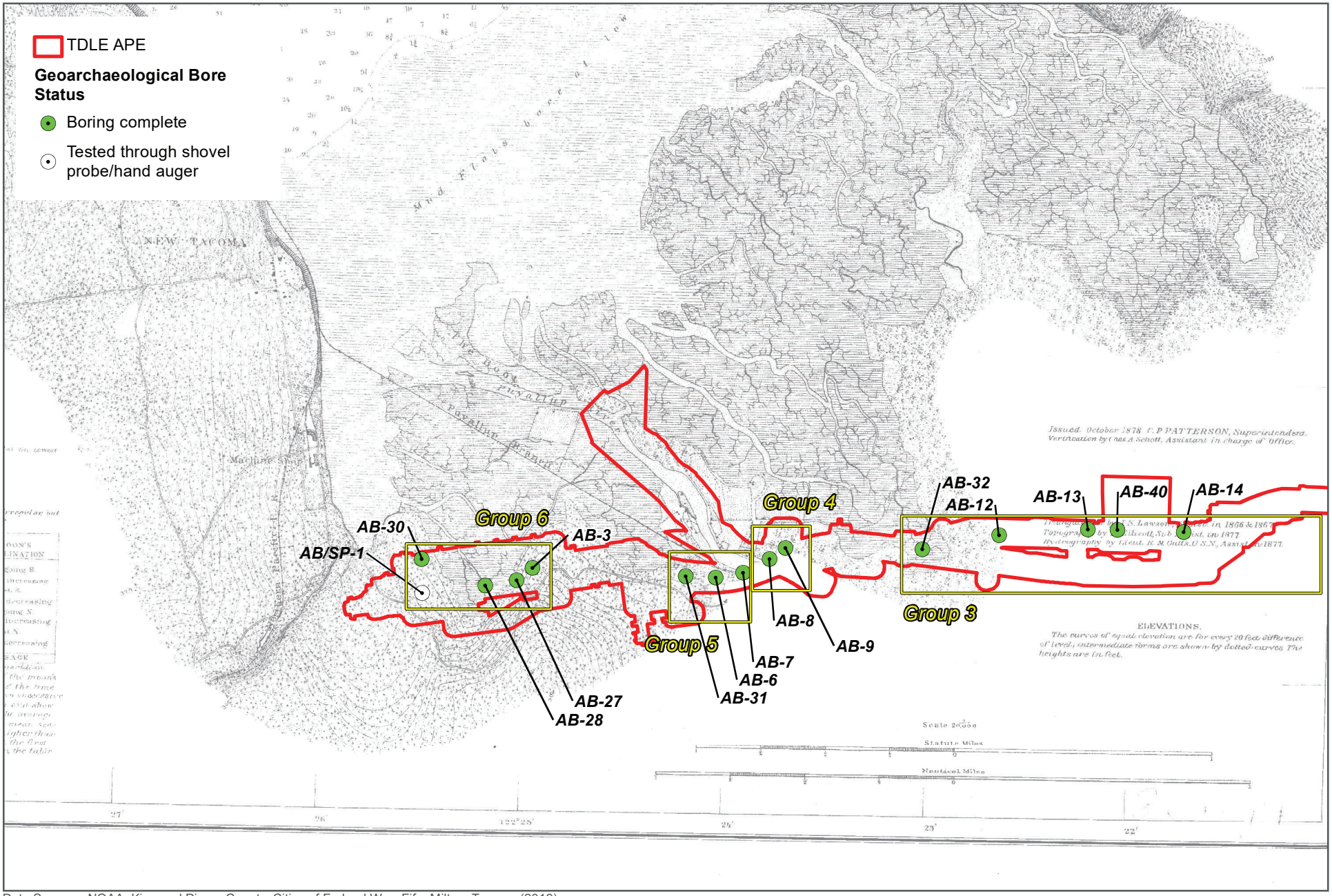

Data Sources: NOAA, King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 9-122

Archaeological Boring Locations Relative to Environmental Setting in 1877 Overview

Tacoma Dome Link Extension

N

0 0.5 1 Mile

Table 9-5 Radiocarbon Dated Samples of Non-Cultural Materials

Sample #	Bore	Depth Below Surface (m)	Depth Relative to modern sea level (m)	Beta Analytic Lab #	Sample Material	Uncalibrated Date (BP)[1]	Calibrated Date Range (cal B.P.)
AB-36-2	AB-36	8.57-8.58	-3.29 to -3.30	587165	Wood	2280±30	2157-2350
AB-36-4	AB-36	13.49-13.51	-8.21 to -8.23	587166	Wood	3670±30	3900-4090
AB-6-2a	AB-6	13.37-13.71	-9.01 to -9.35	587167	Wood	4430±30	4873-5277
AB-31-1	AB-31	10.85-10.97	-6.32 to -6.44	587168	Wood	>43,500	
AB-27-17	AB-27	20.13-20.41	-16.96 to -17.24	587169	Wood	6920±30	7676-7833
AB-40-2	AB-40	12.49-12.55	-6.92 to -6.98	588500	Plant Material	2950±30	3000-3209
AB-6-3	AB-6	21.11	-16.75	588501	Plant Material	>43,500	-
AB-8-1	AB-8	2.80-2.82	2.04 to 2.02	588502	Plant Material	280±30	155-446
AB-20-6	AB-20	14.98	-9.26	588503	Plant Material	4660±30	5317-5465
AB-31-1b	AB-31	10.85-10.97	-6.32 to -6.44	588504	Plant Material	>43,500	-
AB-27-13	AB-27	20.76-20.81	-17.59 to -17.64	588505	Plant Material	12100±40	13,810-14,078

Note:
(1) Radiocarbon calibration methods from IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0–55 cal kBP) (Reimer et al. 2020).

Table 9-6 Group 2 Archaeological Bores

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-20	0	0.7	5.72	5.02	Fill	Fill	VIII	Low
	0.7	3.04	5.02	2.68	Silts, clays, fine sands, very few organics	Wetland/Alluvial Floodplain	VIc	Moderate
	3.04	5.33	2.68	0.39	Volcaniclastic sands	Fluvial Setting	VIIb	Low
	5.33	8.02	0.39	-2.3	Silts, clays, fine sands, organics common	Wetland/Alluvial Floodplain	VIb	Moderate
	8.02	14.82	-2.3	-9.1	Volcaniclastic sands	Fluvial Setting	VIIa	Low
	14.82	15.24	-9.1	-9.52	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIa	Moderate
AB-21	0	0.66	5.61	4.95	Fill	Fill	VIII	Low
	0.66	2.94	4.95	2.67	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	Moderate
	2.94	7.28	2.67	-1.67	Volcaniclastic sands	Fluvial Setting	VIIb	Low
	7.28	7.44	-1.67	-1.83	Silts, clays	Wetland	VIb	Moderate
	7.44	15.24	-1.83	-9.63	Volcaniclastic sands	Fluvial Setting	VIIa	Low
AB-26	0	3.44	6.53	3.09	Fill	Fill	VIII	Low
	3.44	9.94	3.09	-3.41	Silts, clays, fine sands	Wetland/Alluvial Floodplain	VIc	Moderate
	9.94	23.16	-3.41	-16.63	Fine to coarse sands, massive, no andesite apparent	Fluvial Setting	Hylebos II	Low
	23.16	24.72	-16.63	-18.19	Silts, clays, fine sands	Wetland/Alluvial Floodplain	VIb?	Moderate
	24.72	26.35	-18.19	-19.82	Fine to coarse sands, gravels, massive, no andesite apparent	Fluvial Setting	Hylebos I	Low
	26.35	30.48	-19.82	-23.95	Silts, clays no organics or shell	Wetland/Alluvial Floodplain	VIa?	Moderate

Notes: Shaded cells highlight deposits with high or moderate probability to contain archaeological resources.
mbs – meters below surface
msl – elevation in meters relative to modern mean sea level

9.2.2.3 Fife Segment: Boring Group 3

The seven bores included in Boring Group 3, AB-12, AB-13, AB-14, AB-17, AB-32, AB-36, and AB-40, displayed common trends in sediment stratigraphy (see Figure 9-120). AB-32, at the western end of the group, displayed the most simplistic stratigraphy (Figure 9-123; Table 9-7). The stratigraphy encountered in the bores to the east of AB-32 appeared much more complicated, especially in the mid- to upper sections of the bores.

The deepest deposits in the Group 3 bores comprised well-sorted fine to coarse sands containing occasional shell fragments. These intertidal/subtidal deposits (Stratum III) were emplaced as sea level rose during the mid-Holocene and the Puyallup River delta migrated downstream. Stratum III sands represent foreset beds of the delta deposited as the delta prograded or grew north towards modern day Commencement Bay. These sediments were deposited in a subaqueous (inundated), relatively high-energy setting where human occupation is unlikely to have occurred.

Thick intertidal/tidal marsh deposits (Stratum IV) overlie Stratum III materials. No buried soils or stable land surfaces were noted within the Stratum IV materials in any of the bores and there is no indication that the landform emerged into a terrestrial setting during this time. Most of the contacts between Stratum IV sediments and the overlying Stratum V volcaniclastic sands and gravels appears abrupt and erosional. If emergence of Stratum IV had occurred, these subaerial deposits would have been located near the top of the stratum and were likely stripped away as the Stratum V lahar swept across the landform. Based on this information, this stratum has a low probability of containing archaeological deposits. The relatively high-energy Stratum V also represents a low-probability deposit.

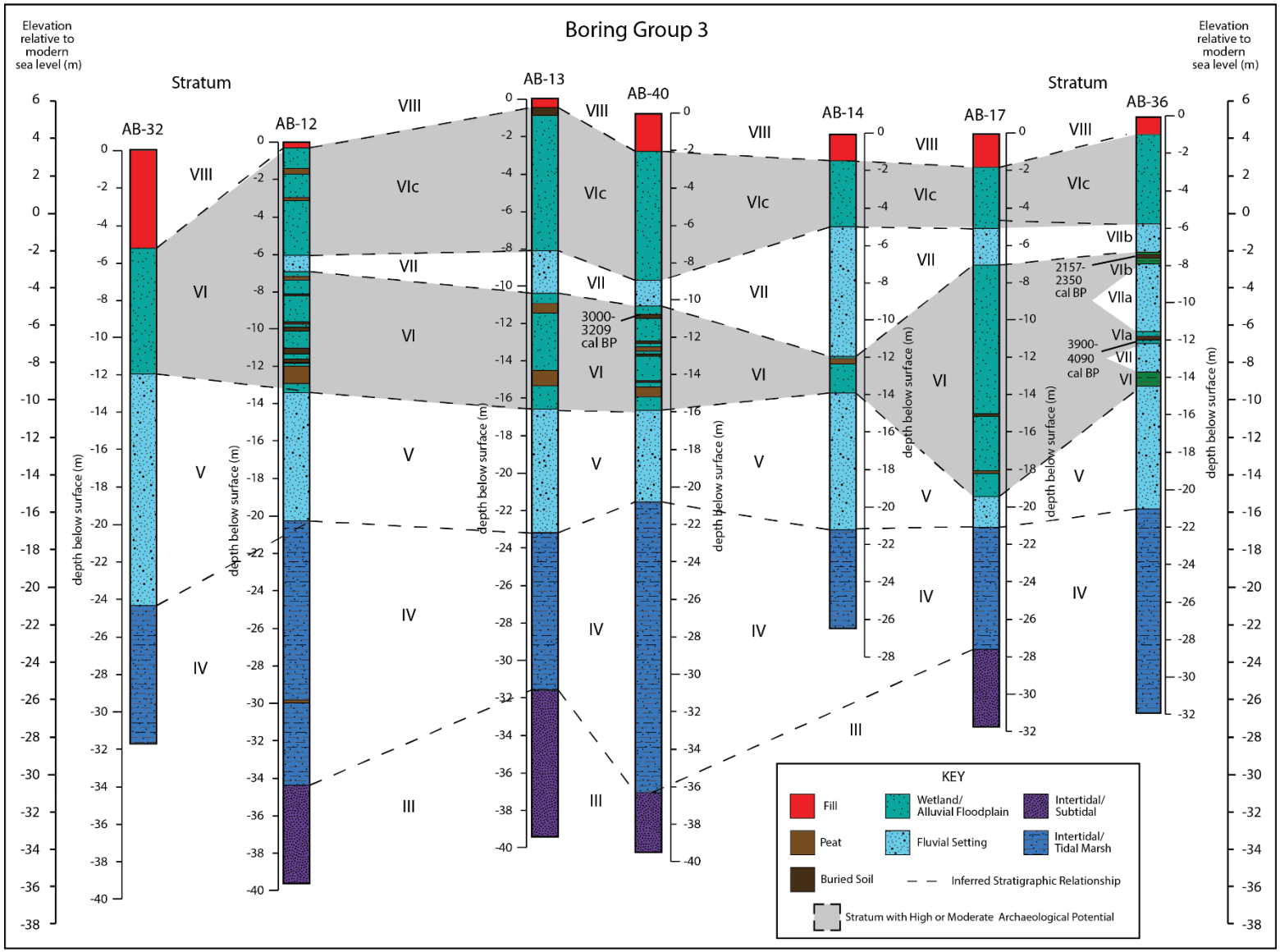

Figure 9-123 Stratigraphy of Boring Group 3

Table 9-7 Group 3 Archaeological Bores

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-32	0	6.1	3.44	-2.66	Fill	Fill	VIII	Low
	6.1	13.72	-2.66	-10.28	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	13.72	28.13	-10.28	-24.69	Volcaniclastic sands and gravels	Fluvial Setting	V	Low
	28.13	36.58	-24.69	-33.14	clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
AB-12	0	0.36	3.77	3.41	Fill	Fill	VIII	Low
	0.36	1.7	3.41	2.07	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	High
	1.7	1.96	2.07	1.81	Peat	Peat	VIc	High
	1.96	3.44	1.81	0.33	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	High
	3.44	3.51	0.33	0.26	Peat	Peat	VIc	High
	3.51	7	0.26	-3.23	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	High
	7	7.98	-3.23	-4.21	Volcaniclastic sands	Fluvial setting	VII	Low
	7.98	8.26	-4.21	-4.49	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	8.26	8.54	-4.49	-4.77	Peat	Peat	VI	High
	8.54	9.41	-4.77	-5.64	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	9.41	9.46	-5.64	-5.69	Buried soil	Buried soil	VI	High
	9.46	11.19	-5.69	-7.42	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	11.19	11.27	-7.42	-7.5	Buried soil	Buried soil	VI	High
	11.27	11.47	-7.5	-7.7	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	11.47	11.63	-7.7	-7.86	Buried soil	Buried soil	VI	High
	11.63	12.79	-7.86	-9.02	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	12.79	13.09	-9.02	-9.32	Buried soil	Buried soil	VI	High
	13.09	13.38	-9.32	-9.61	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	13.38	13.63	-9.61	-9.86	Buried soil	Buried soil	VI	High
	13.63	13.72	-9.86	-9.95	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	13.72	14.92	-9.95	-11.15	Diffuse layers of peat	Peat	VI	High
	14.92	15.57	-11.15	-11.8	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	15.57	23.46	-11.8	-19.69	Volcaniclastic sands	Fluvial Setting	V	Low
	23.46	34.53	-19.69	-30.76	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
	34.53	34.57	-30.76	-30.8	Peat	Peat	IV	Low
	34.57	39.78	-30.8	-36.01	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
	39.78	45.72	-36.01	-41.95	Fine to coarse well sorted sands, some shell present	Intertidal/Subtidal	III	Low

Table 9-7 Group 3 Archaeological Bores (continued)

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-13	0	0.72	6.1	5.38	Fill (dredge)	Fill	VIII	Low
	0.72	1.1	5.38	5	Buried soil	Buried soil	VIc	High
	1.1	9.56	5	-3.46	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	High
	9.56	12.19	-3.46	-6.09	Volcaniclastic sands	Fluvial Setting	VII	Low
	12.19	12.89	-6.09	-6.79	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	12.89	13.29	-6.79	-7.19	Peat	Peat	VI	High
	13.29	17.08	-7.19	-10.98	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	17.08	17.78	-10.98	-11.68	Peat	Peat	VI	High
	17.78	19.39	-11.68	-13.29	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	19.39	26.93	-13.29	-20.83	Volcaniclastic sands	Fluvial Setting	V	Low
	26.93	41.15	-20.83	-35.05	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
	41.15	45.72	-35.05	-39.62	Fine to coarse well sorted sands, some shell present	Intertidal/Subtidal	III	Low
AB-40	0	2.39	5.57	3.18	Fill	Fill	VIII	Low
	2.39	10.42	3.18	-4.85	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	High
	10.42	11.94	-4.85	-6.37	Volcaniclastic sands	Fluvial Setting	VII	Low
	11.94	12.49	-6.37	-6.92	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	12.49	12.71	-6.92	-7.14	Buried soil	Buried soil	VI	High
	12.71	14.12	-7.14	-8.55	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	14.12	14.2	-8.55	-8.63	Buried soil	Buried soil	VI	High
	14.2	14.42	-8.63	-8.85	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	14.42	14.74	-8.85	-9.17	Peat	Peat	VI	High
	14.74	14.86	-9.17	-9.29	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	14.86	14.93	-9.29	-9.36	Buried soil	Buried soil	VI	High
	14.93	16.5	-9.36	-10.93	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	16.5	16.66	-10.93	-11.09	Buried soil	Buried soil	VI	High
	16.66	16.95	-11.09	-11.38	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	16.95	17.56	-11.38	-11.99	Peat	Peat	VI	High
	17.56	18.29	-11.99	-12.72	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	18.29	24.04	-12.72	-18.47	Volcaniclastic sands	Fluvial Setting	V	Low
	24.04	41.97	-18.47	-36.4	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
	41.97	45.72	-36.4	-40.15	Fine to coarse well sorted sands, some shell present	Intertidal/Subtidal	III	Low

Table 9-7 Group 3 Archaeological Bores (continued)

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-14	0	1.52	4.14	2.62	Fill	Fill	VIII	Low
	1.52	5.57	2.62	-1.43	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIc	High
	5.57	13.72	-1.43	-9.58	Volcaniclastic sands	Fluvial Setting	VII	Low
	13.72	13.9	-9.58	-9.76	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	13.9	14.12	-9.76	-9.98	Peat	Peat	VI	High
	14.12	15.96	-9.98	-11.82	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	15.96	24.38	-11.82	-20.24	Volcaniclastic sands	Fluvial Setting	V	Low
	24.38	30.48	-20.24	-26.34	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
AB-17	0	1.96	4.17	2.21	Fill	Fill	VIII	Low
	1.96	5.22	2.21	-1.05	Silts, clays, fine sands	Wetland/Alluvial Floodplain	VIc	High
	5.22	7.98	-1.05	-3.81	Volcaniclastic sands	Fluvial setting	VII	Low
	7.98	15.4	-3.81	-11.23	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	15.4	15.44	-11.23	-11.27	Buried soil	Buried soil	VI	High
	15.44	18.07	-11.27	-13.9	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	18.07	18.09	-13.9	-13.92	Peat	Peat	VI	High
	18.09	19.49	-13.92	-15.32	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	High
	19.49	24.18	-15.32	-20.01	Volcaniclastic sands	Fluvial Setting	V	Low
	24.18	31.78	-20.01	-27.61	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low
	31.78	36.58	-27.61	-32.41	Fine to coarse well sorted sands, some shell present	Intertidal/Subtidal	III	Low
AB-36	0	1.12	5.28	4.16	Fill	Fill	VIII	Low
	1.12	6.63	4.16	-1.35	Silts, clays, fine sands, very few organics	Wetland/Alluvial Floodplain	VIc	High
	6.63	8.36	-1.35	-3.08	Volcaniclastic sands	Fluvial Setting	VIIb	Low
	8.36	8.48	-3.08	-3.2	Silts, clays, buried soil	Wetland	VIb	High
	8.48	8.67	-3.2	-3.39	Buried soil	Buried soil	VIb	High
	8.67	9.02	-3.39	-3.74	Silts, clays, buried soil	Wetland	VIb	High
	9.02	13.16	-3.74	-7.88	Fine to coarse sands, some volcaniclastic	Fluvial Setting	VIIa	Low
	13.16	13.47	-7.88	-8.19	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIa	High
	13.47	13.65	-8.19	-8.37	Buried soil	Buried soil	VIa	High
	13.65	13.72	-8.37	-8.44	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VIa	High
	13.72	15.56	-8.44	-10.28	Volcaniclastic sands	Fluvial Setting	VII	Low
	15.56	16.5	-10.28	-11.22	Silts, clays no organics or shell	Wetland	VI	High
	16.5	24.04	-11.22	-18.76	Volcaniclastic sands - fining upwards into seds above	Fluvial Setting	V	Low
	24.04	36.58	-18.76	-31.3	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/tidal marsh	IV	Low

Notes: Shaded cells highlight deposits with high or moderate probability to contain archaeological resources.
mbs – meters below surface, msl – elevation in meters relative to modern mean sea level

Stratum VI deposits include fine-grained sands, silts, clays, peats, and buried soils found in a wetland/alluvial floodplain environment. The multiple buried soils present within this stratum attest to its periodic stability and habitability for humans. Stratum VI deposits have a high likelihood to contain archaeological resources.

A deposit of volcaniclastic sands of variable thickness (Stratum VII) is found capping the bores in the central portion of the basin. This deposit is similar to the Stratum V lahar deposit and similarly has a low probability for containing evidence of human occupation. AB-36, the easternmost bore in Group 3, contained two additional stratigraphically separated lahar deposits. Because their relationship to the Stratum VII lahar is unknown, they have been assigned to Strata VIIa and VIIb and may correlate to the multiple lahar deposits found in Group 2 bores.

In AB-36, the multiple lahar deposits separate the wetland/alluvial floodplain sediments into multiple strata. These multiple wetland/alluvial floodplain deposits are similar in matrix and constituents to Stratum VI and have been assigned Strata VIa, b, and c. A second deposit of wetland/alluvial floodplain sediments present above the Stratum VII lahar deposit in most of the other Group 3 bores appears to correlate with the uppermost wetland/alluvial floodplain deposit identified in AB-36, Stratum Vic, which is also found near the top of the Group 2 bores.

Like Stratum VI, Strata VIa, b, and c display evidence of landscape stability in the form of buried soils and are considered high probability strata. A sample from the buried soil in Stratum VIa, found at a depth of 13.4 to 13.6 meters (44.1 to 44.7 feet), returned a radiocarbon age range of 3900–4090 cal B.P. for the deposit (Table 9-5). This time frame is consistent with the timing of the delta front arrival into the APE vicinity postulated by researchers to be around 4,200 years ago (Barnhardt et al. 2003; Dragovich et al. 1994; Pringle and Palmer 1992; Pringle and Scott 2001). Materials from the buried soil in Stratum VIb, located at 8.48 to 8.6 meters (27.8 to 28.4 feet) bgs returned an age range of 2157–2350 cal B.P. Between these two samples in elevation, a sample from a buried soil at 12.4 to 12.5 meters (40.9 to 41.1 feet) in depth on AB-40 returned a date of 3000–3209 cal B.P. for the deposit.

It is important to note that in many of the bores in Group 3, sediment recovery was often poor within the upper 3.0 to 4.5 meters (10 to 15 feet) from the ground surface. Archaeological shovel probing and hand-auger coring conducted along the TDLE corridor encountered possible peats and buried soils in the upper 3 meters (10 feet) of multiple units in the vicinity of AB-32. These data suggest the presence of buried soils in Stratum VIIc may be underestimated based on the boring results alone.

9.2.2.4 Fife and Tacoma Segments: Boring Group 4

Boring Group 4's AB-8 and AB-9 were extracted from the right (east) bank of the Puyallup River (see Figure 9-120). These bores displayed relatively simple stratigraphy consistent with a setting affected by global sea level rise, delta progradation, and landform emergence. Both bores reached the depth of glacial materials (Stratum I) (Figure 9-124; Table 9-8). In AB-9, fine- to coarse-grained sands and gravels associated with an intertidal/subtidal setting (Stratum III) were found overlying glacial materials. These relatively high-energy deposits were likely deposited in a subaqueous environment and have a low probability of containing archaeological resources.

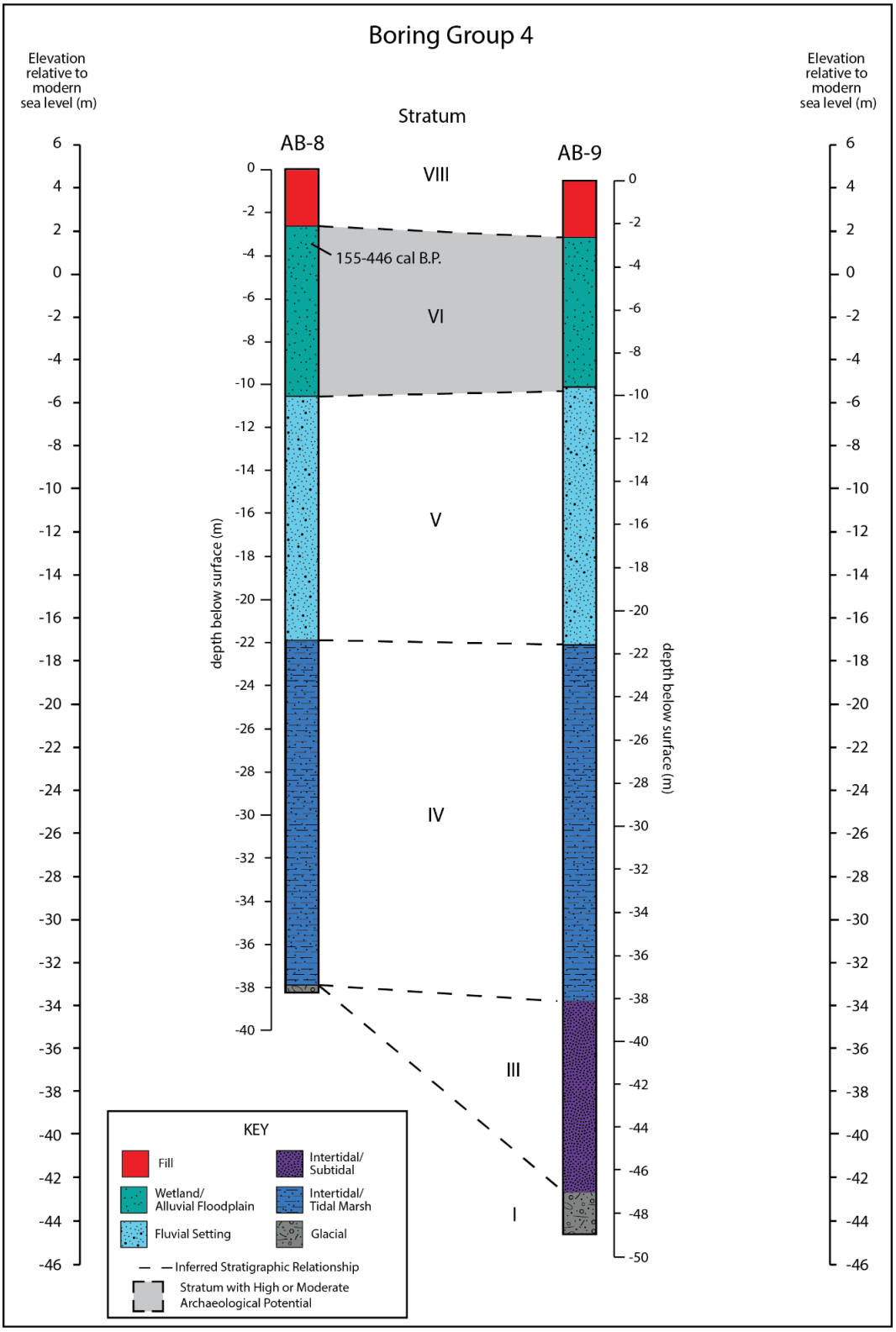

Figure 9-124 Stratigraphy of Boring Group 4

Table 9-8 Group 4 Archaeological Bores

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-8	0	2.73	4.84	2.11	Fill and dredge spoils	Fill	VIII	Low
	2.73	10.52	2.11	-5.68	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	Moderate
	10.52	21.95	-5.68	-17.11	Volcaniclastic sands and gravels	Fluvial Setting	V	Low
	21.95	37.88	-17.11	-33.04	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low to Moderate
	37.88	38.1	-33.04	-33.26	Coarse-grained, poorly sorted sands and gravels	Glacial	I	Low
AB-9	0	2.16	4.29	2.13	Fill	Fill	VIII	Low
	2.16	9.52	2.13	-5.23	Silts, clays, fine sands, organics	Wetland/Alluvial Floodplain	VI	Moderate
	9.52	21.41	-5.23	-17.12	Volcaniclastic sands and gravels	Fluvial Setting	V	Low
	21.41	38.1	-17.12	-33.81	Clays, silts, sands (vf-m), shell common, some organics	Intertidal/Tidal Marsh	IV	Low to Moderate
	38.1	46.72	-33.81	-42.43	Fine to coarse well sorted sands	Intertidal/Subtidal	III	Low
	46.72	48.77	-42.43	-44.48	Coarse-grained, poorly sorted sands and gravels	Glacial	I	Low

Notes: Shaded cells highlight deposits with high or moderate probability to contain archaeological resources.
mbs – meters below surface
msl – elevation in meters relative to modern mean sea level

Stratum IV intertidal/tidal marsh deposits capped Stratum III materials in AB-9 and were found directly overlying glacial deposits in AB-8. Although shell and organics were common within Stratum IV, no buried soils or potentially stable surfaces were identified within the stratum. However, the upper portion of the deposit is positioned at a similar elevation to deposits found across the river that are considered moderate probability due to their interpretation as a nearshore wetland complex (see bore AB-7, Stratum IV, below). Stratum IV deposits are therefore considered to have a low to moderate probability of containing archaeological materials.

Both of the Group 4 bores contained thick lahar deposits (Stratum V) in their midsections. These volcaniclastic sands and gravels represent high-energy deposits that are unlikely to contain *in-situ* evidence of human activities. Underlying the fill in the upper portions of both of the cores were fine-grained sands, silts and clays containing common organic debris consistent with a wetland/alluvial floodplain setting (Stratum VI). Although Stratum VI sediments did not display evidence of buried soils or stable land surfaces that might have been conducive to human occupation, the sediments do represent an emerging terrestrial landform. Therefore, the stratum therefore has a moderate probability of containing archaeological resources.

9.2.2.5 Tacoma Segment: Boring Group 5

Boring Group 5 included three bores extracted from the left (west) bank of the Puyallup River, AB-6, AB-7, and AB-31 (see Figure 9-120). AB-7, positioned closest to the river, encountered sediment stratigraphy that was similar to that found in Boring Group 4. AB-6 and AB-31 displayed significantly different stratigraphy, likely due to their position adjacent to glacial uplands positioned to the south of the APE in this location.

Like Group 4, AB-7 encountered glacial materials in the deepest sections of the bore (Figure 9-125; Table 9-9). Glacial gravels were overlain by a series of deposits consistent with an actively forming delta system, with intertidal/subtidal (Stratum III) and intertidal/tidal marsh (Stratum IV) representing delta bottomset or foreset beds. A very thin buried soil was found at the top of the intertidal/tidal marsh deposit, suggesting a hiatus in deposition and landscape stability. Fluvial materials (Stratum V) representing the actively aggrading delta front were found atop the buried soil, and wetland deposits (Stratum VI) capped the delta as it evolved into a terrestrial setting.

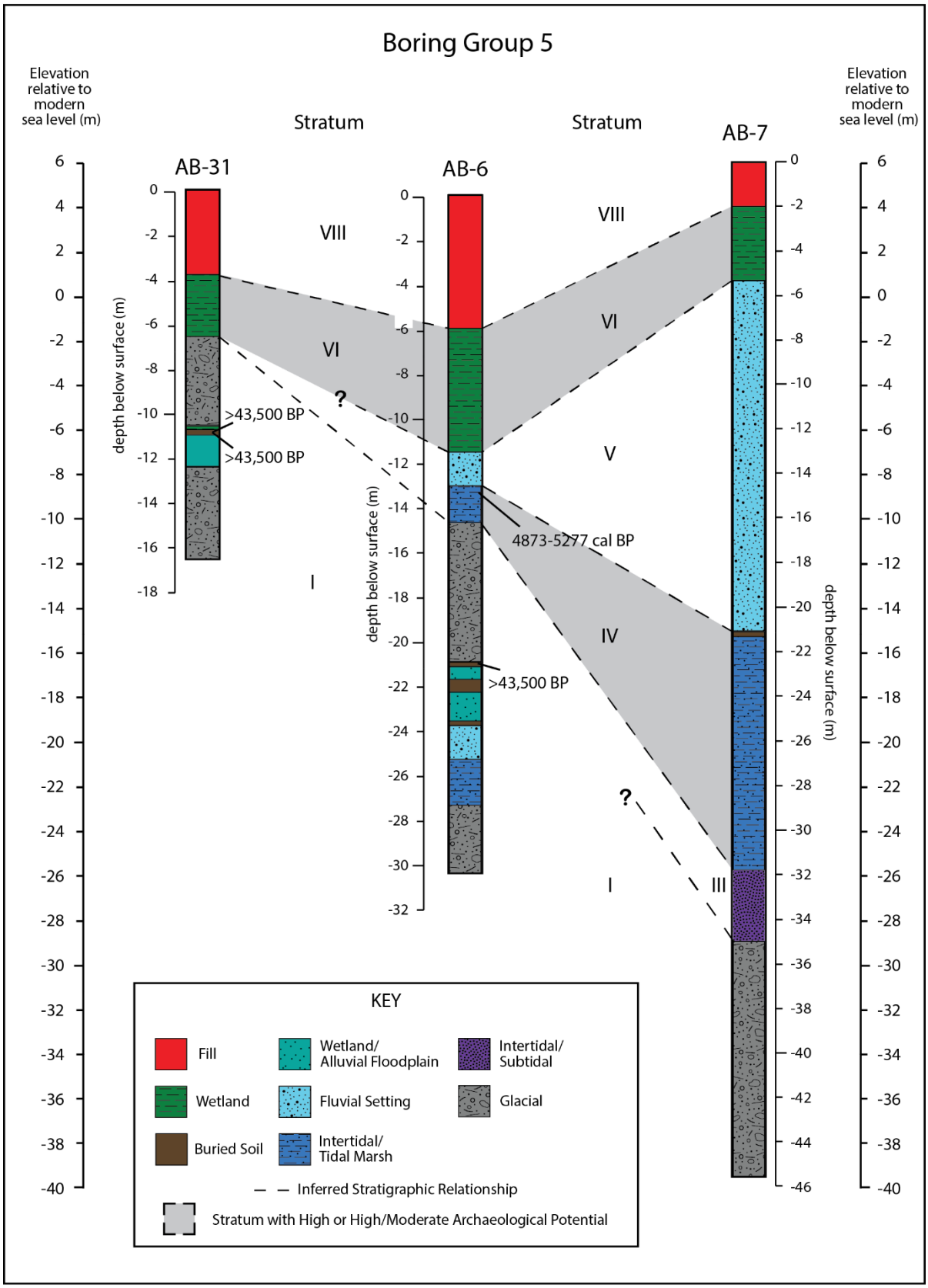

Figure 9-125 Stratigraphy of Boring Group 5

Table 9-9 Group 5 Archaeological Bores

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-31	0	3.84	4.53	0.69	Fill	Fill	VIII	Low
	3.84	6.64	0.69	-2.11	Silts and clays	Wetland	VI	High
	6.64	10.67	-2.11	-6.14	Poorly sorted gravels, sands, silts, clays	Glacial	I	Low
	10.67	10.85	-6.14	-6.32	Silts, clays, organics	Wetland? (pre-Vashon Glaciation)	I	Low
	10.85	11.05	-6.32	-6.52	Buried soil	Buried Soil (pre-Vashon Glaciation)	I	Low
	11.05	12.41	-6.52	-7.88	Fine sands, silts, clays, organics	Wetland/Alluvial Floodplain? (pre-Vashon Glaciation)	I	Low
	12.41	16.76	-7.88	-12.23	Coarse-grained, poorly sorted sands and gravels	Glacial	I	Low
AB-6	0	6.1	4.36	-1.74	Fill	Fill	VIII	Low
	6.1	11.57	-1.74	-7.21	Silts, clays, fine sands, organics	Wetland	VI	High
	11.57	12.92	-7.21	-8.56	Volcaniclastic sands	Fluvial Setting	VIII	Low
	12.92	14.62	-8.56	-10.26	Silts, clays, organics, some shell (reworked?)	Intertidal/Tidal Marsh	IV	High
	14.62	21.01	-10.26	-16.65	Poorly sorted gravels, sands, silts, clays	Glacial	I	Low
	21.01	21.21	-16.65	-16.85	Buried soil	Buried Soil (pre-Vashon Glaciation)	I	Low
	21.21	21.73	-16.85	-17.37	Fine grained silts, clays, sands, organics common, no shell	Wetland/Alluvial Floodplain? (pre-Vashon Glaciation)	I	Low
	21.73	22.43	-17.37	-18.07	Buried soil	Buried Soil (pre-Vashon Glaciation)	I	Low
	22.43	23.76	-18.07	-19.4	Fine grained silts, clays, sands, organics common, no shell	Wetland/Alluvial Floodplain? (pre-Vashon Glaciation)	I	Low
	23.76	23.86	-19.4	-19.5	Buried soil	Buried Soil (pre-Vashon Glaciation)	I	Low
	23.86	25.38	-19.5	-21.02	Moderately well-sorted coarse sands and gravels	Fluvial Setting? (pre-Vashon Glaciation)	I	Low
	25.38	27.43	-21.02	-23.07	Silts, clays, fine sands, organics	Intertidal/Tidal Marsh? (pre-Vashon Glaciation)	I	Low
	27.43	30.48	-23.07	-26.12	Poorly sorted gravels, sands, silts, clays	Glacial	I	Low

Table 9-9 Group 5 Archaeological Bores (continued)

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB-7	0	1.93	5.89	3.96	Fill	Fill	VIII	Low
	1.93	5.25	3.96	0.64	Silts, clays, fine sands, organics	Wetland	VI	High
	5.25	21.25	0.64	-15.36	Volcaniclastic sands and gravels	Fluvial Setting	V	Low
	21.25	21.33	-15.36	-15.44	Buried soil	Buried Soil	IV	High
	21.33	31.82	-15.44	-25.93	Fine grained silts, clays, sands, organics common, shell common	Intertidal/Tidal Marsh	IV	Moderate
	31.82	35.05	-25.93	-29.16	Moderately poorly sorted medium to coarse sand and gravels, organics common	Intertidal/Subtidal	III	Low
	35.05	45.72	-29.16	-39.83	Coarse-grained, poorly sorted sands and gravels	Glacial	I	Low

Notes: Shaded cells highlight deposits with high or moderate probability to contain archaeological resources.
mbs – meters below surface
msl – elevation in meters relative to modern mean sea level

AB-6 and AB-31 displayed more complicated stratigraphy that included wetland/alluvial floodplain, fluvial, buried soil, peat, and intertidal/tidal marsh sediment deposits very similar in appearance to those found in bores from adjacent Groups 4 and 6. In particular, a deposit of poorly sorted gravels, sands, and fine-grained sediments capping buried soils in the mid-sections of each of the bores appeared very similar to a mass-movement and buried soil/peat sequence found in Boring Group 6 (see discussion below) and encountered during geoarchaeological coring investigations for a nearby study (Punke et al. 2017). However, multiple samples submitted for radiocarbon dating from AB-31 and AB-6 returned ages older than the range of radiocarbon dating, > 43,500 BP (Table 9-5; Figure 9-125). Based on these radiocarbon results, all of the materials in the basal portions of AB-6 and AB-31 have been assigned to Stratum I to indicate they are glacial in origin or age.

An intertidal/tidal marsh deposit (Stratum IV) was found overlying glacial gravels in AB-6, although it was not nearly as thick as in AB-7 to the west. A sample from Stratum IV in AB-6 was submitted for radiocarbon dating and returned as age of 4873–5277 cal B.P. (Table 9-5). The depth and stratigraphic position of Stratum IV in the Group 5 bores compares favorably to a former shoreline deposit identified by Hodges (2009) during a geoarchaeological sonicoring study conducted approximately 100 meters (328 feet) to the south of the Group 5 borings. Hodges' (2009:13–14) corresponding deposit, included a wide range of sediment facies ranging from laminated wetland silts, peats, and organic sediments to stratified sands and silts, as well as shell-rich silty to pebbly shoreline deposits. He suggests that the association of shoreline facies and wetland sediments represents a "nearshore wetland complex fringing the delta front" (Hodges 2009:14). Peaty sediment recovered from the top of this deposit returned an age range of 4520 to 4790 cal B.P. (Hodges 2009), which is close in age to the radiocarbon results from AB-6's Stratum IV.

As part of the geotechnical investigations for TDLE, archaeologists monitored the extraction of geotechnical samples. One of these geotechnical bores, PRB-4-19, was extracted approximately 30 meters (100 feet) to the west of AB-6. The geotechnical bore encountered a deposit of organically enriched sediment containing fragmented mussel shell and other bivalves at a depth of 9.14 to 9.6 meters (30 to 31.5 feet) bgs that were interpreted to represent a shell midden (Stevenson 2020). The deposit was recorded as archaeological resource 45PI1557. Although no shell midden deposits were encountered at a similar depth in AB-6, the depth and stratigraphic position of the midden material correlates well with Stratum IV in AB-6 and likely represents the same deposit. Given these factors, Stratum IV deposits in AB-6 have a high probability of containing evidence of past human use, as they would have been in a terrestrial position adjacent to a resource-abundant shoreline.

Stratum IV deposits in AB-7 are at a slightly lower elevation than in AB-6 or the possible midden deposits associated with 45PI1557. Therefore, it is difficult to determine their exact relationship. However, given that a buried soil representing a stable surface is present at the surface of the Stratum IV deposits in AB-7, it may be related to the nearshore surface found in AB-6, PRB-4-19, and Hodges' (2009) shoreline facies. It is therefore considered a high probability deposit. Stratum IV materials underlying the buried soil do not display evidence of a buried stable surface that would have been conducive to human occupation and are therefore considered to have only a moderate probability of containing archaeological materials.

Andesite-rich, well-sorted fine to coarse sand and gravel deposits (Stratum V) were present overlying Stratum IV materials in AB-7 and AB-6. The Stratum V deposit in AB-7 was much thicker than in AB-6 and contained a higher gravel content, suggesting it may have been proximal to a paleo stream or delta distributary channel at that time. Stratum V materials likely

represent lahar deposits that were emplaced after an eruptive event on Mount Rainier or during re-entrainment of upstream lahar deposits. These materials would have been deposited on the top and front edge of the delta, leading to delta progradation further into the Sound and subsequent emergence of the landform. These high-energy deposits have a low likelihood of containing archaeological materials.

The progradation and emergence of the landform at the Group 5 location was associated with the evolution of an intertidal system into a wetland/alluvial floodplain depositional setting (Stratum VI), with deposits similar to Stratum VI sediments identified in boring groups to the east. Although no buried soils were noted within Stratum VI in Group 5, these deposits do correlate to wetland sediments identified during the Hodges (2009) study. Near the base of his wetland deposits, Hodges (2009) found an organic-stained, dark gray sand containing archaeological materials, including chert debitage, FMR, fish bone, and mammal bone fragments. This deposit, archaeological site 45PI930, was further investigated as part of data recovery investigations (Elder and Sparks 2010). The site was found to extend between 4.8 and 6.9 meters (15.6 and 22.8 feet) bgs and provided radiocarbon dates between around 910 to 1270 cal B.P. (Elder and Sparks 2010). Given the close proximity to the site and the similar deposits and sediment stratigraphy, Group 5's Stratum VI has a high probability of containing archaeological resources.

9.2.2.6 Tacoma Segment: Boring Group 6

Boring Group 6 includes five bores, AB-3, AB-27, AB-28, and AB-30, and one geoarchaeological shovel probe, AB/SP-1, extracted near the western end of the APE (see Figure 9-120). AB-1 was the westernmost bore proposed for geoarchaeological investigations. Due to access issues, mechanical boring was not possible, and HRA excavated a shovel probe (termed AB/SP-1) at the location of the proposed bore. Excavation at the location encountered fill materials (Stratum VIII) over glacial deposits (Stratum I), consistent with the surficial geology mapped for the area (Harris 1998) (Table 9-10).

Table 9-10 Group 6 Archaeological Bores and Shovel Probe

Bore or Shovel Probe #	Depth at Top (mbs)	Depth at Bottom (mbs)	Depth at Top (msl)	Depth at Bottom (msl)	Sediment Type	Depositional Setting	Stratum	Archaeological Probability
AB/SP-1	0	0.32	25.02	24.7	Fill	Fill	VIII	Low
	0.32	0.78	24.7	24.24	Silts, clays, very fine sands	Glacial	I	Low
	0.78	0.92	24.24	24.1	Moderately poorly sorted gravels, sands, silts	Glacial	I	Low
AB-30	0	6.1	9.53	3.43	Fill	Fill	VIII	Low
AB-28	0	3.85	3.26	-0.59	Fill	Fill	VIII	Low
	3.85	4.97	-0.59	-1.71	Silts, clays, fine sands, organics	Wetland	VI	High/Moderate
	4.97	5.57	-1.71	-2.31	Peat	Peat	VI	Moderate
	5.57	16.76	-2.31	-13.5	Silts, fine to medium sands, gravels, shell	Intertidal/Tidal Marsh	IV	Low
	16.76	19.69	-13.5	-16.43	Poorly sorted gravels, sands, silts, clays	Mass Movement	IIIa	Low
	19.69	20.39	-16.43	-17.13	Clays, silts, sands (vf-m)	Intertidal/Tidal Marsh	II	Moderate
	20.39	22.86	-17.13	-19.6	Poorly sorted gravels, sands, silts, clays	Glacial	I	Low
AB-27	0	3.44	3.17	-0.27	Fill	Fill	VIII	Low
	3.44	7.82	-0.27	-4.65	Silts, clays, fine sands, organics	Wetland	VI	High/Moderate
	7.82	17.66	-4.65	-14.49	Silts, clays, fine sands, organics, shell common	Intertidal/Tidal Marsh	IV	Low
	17.66	19.39	-14.49	-16.22	Poorly sorted gravels, sands, silts, clays	Mass Movement	IIIa	Low
	19.39	20.13	-16.22	-16.96	Organic-rich silts and clays	Buried Soil	II	High
	20.13	20.41	-16.96	-17.24	Peat with some silts and clays	Peat	II	High
	20.41	20.85	-17.24	-17.68	Organic-rich silts and clays	Buried Soil	II	High
	20.85	25.91	-17.68	-22.74	Poorly sorted gravels, sands, silts, clays	Glacial	I	Low
AB-3	0	2.12	5.26	3.14	Fill	Fill	VIII	Low
	2.12	5.45	3.14	-0.19	Silts, clays, fine sands, organics	Wetland	VI	High/Moderate
	5.45	5.59	-0.19	-0.33	Silts, fine sands, sparse shell	Intertidal/Tidal Marsh	VI	Moderate
	5.59	5.85	-0.33	-0.59	Peat	Peat	VI	Moderate
	5.85	9.82	-0.59	-4.56	Silts, clays, fine sands, organics	Intertidal/Tidal Marsh	IV	Low
	9.82	20.14	-4.56	-14.88	Poorly sorted gravels, sands, silts, clays	Mass Movement	IIIa	Low
	20.14	22.45	-14.88	-17.19	Clays, silts, sands (vf-m)	Intertidal/Tidal Marsh	II	Moderate
	22.45	24.38	-17.19	-19.12	Poorly sorted gravels, sands, silts, clays	Glacial	I	Low

Notes: Shaded cells highlight deposits with high or moderate probability to contain archaeological resources.
mbs – meters below surface
msl – elevation in meters relative to modern mean sea level

From west to east, bores extracted as part of Group 6 included AB-30, AB-28, AB-27, and AB-3. AB-30 was excavated to a relatively shallow depth due to potential contamination issues. It contained fill materials (Stratum VIII) from the ground surface to a depth of 6.1 meters (20 feet). Because it only contained fill, it is not included in the fence diagram of the bores in Group 6.

AB-28, AB-27, and AB-3 contained similar sediment sequences from their surfaces to depths of over 20 meters (66 feet) (Figure 9-126). At their bases, all three cores contained poorly sorted gravels, sands, and fine-grained sediments consistent with glacial deposits (Stratum VIII). In AB-27, these glacial materials were directly overlain by a set of organic-rich buried soils and peats (Stratum II). A sample of plant material from the lower buried soil returned an AMS date of 13,810–14,078 cal B.P., while wood from the peat just above it returned a date of 7676–7833 cal B.P. (Table 9-5). The date range on these closely spaced deposits suggests the location was stable for thousands of years.

While no evidence of buried soils or peats were noted in either AB-28 or AB-3, deposits of fine-grained sands, silts, and clays overlying glacial sediments in those two bores may be coeval with the buried soils and peats found in AB-27 and were also assigned to Stratum II. This supposition is based on their stratigraphic position between Stratum I glacial materials and overlying poorly sorted gravels (Stratum IIIa), as well as their likely correlation with materials of a similar age, depth, and composition found in the immediate area by Punke et al. (2017).

Identified near the base of a series of deep geoarchaeological cores extracted along a train trestle alignment, Punke et al. (2017:91–92) found relatively thin deposits of organic-rich silts, sands, and clays that represented a nearshore landscape, termed Depositional Zone II, at depths between 19.8 and 13.8 meters (65.1 and 78.2 feet) bgs. These deposits were emplaced in a freshwater marsh environment that evolved into an intertidal marsh as the waters of Puget Sound rose in concert with eustatic sea level rise and the cessation of regional isostatic rebound. Such a nearshore setting may have resembled the Puyallup River delta as it was in historic times, before development of the area (see Figure 9-122).

Although no unequivocal archaeological materials were found in association with Depositional Zone II identified in the Punke et al. (2017) study, the deposit has been recorded as archaeological site 45PI1327. This designation is based on the possible association of the deposit with a lithic artifact (petrified wood flake) and possible midden materials, including burned and unburned marine shell, seeds, and small to medium mammal bones from a black, slightly smeary or “greasy” soil matrix. Depositional Zone II deposits produced dates ranging between 13,760 and 7680 cal B.P. Given the similarity in stratigraphic position, depth, composition, and age, the Stratum II deposit found in AB-27 likely correlates to the Site 45PI1327 buried surface, with Punke et al.’s (2107) older dates for Depositional Zone II corresponding to the lower buried soil in AB-27 and Depositional Zone II’s younger dates corresponding to AB-27’s buried peat deposit.

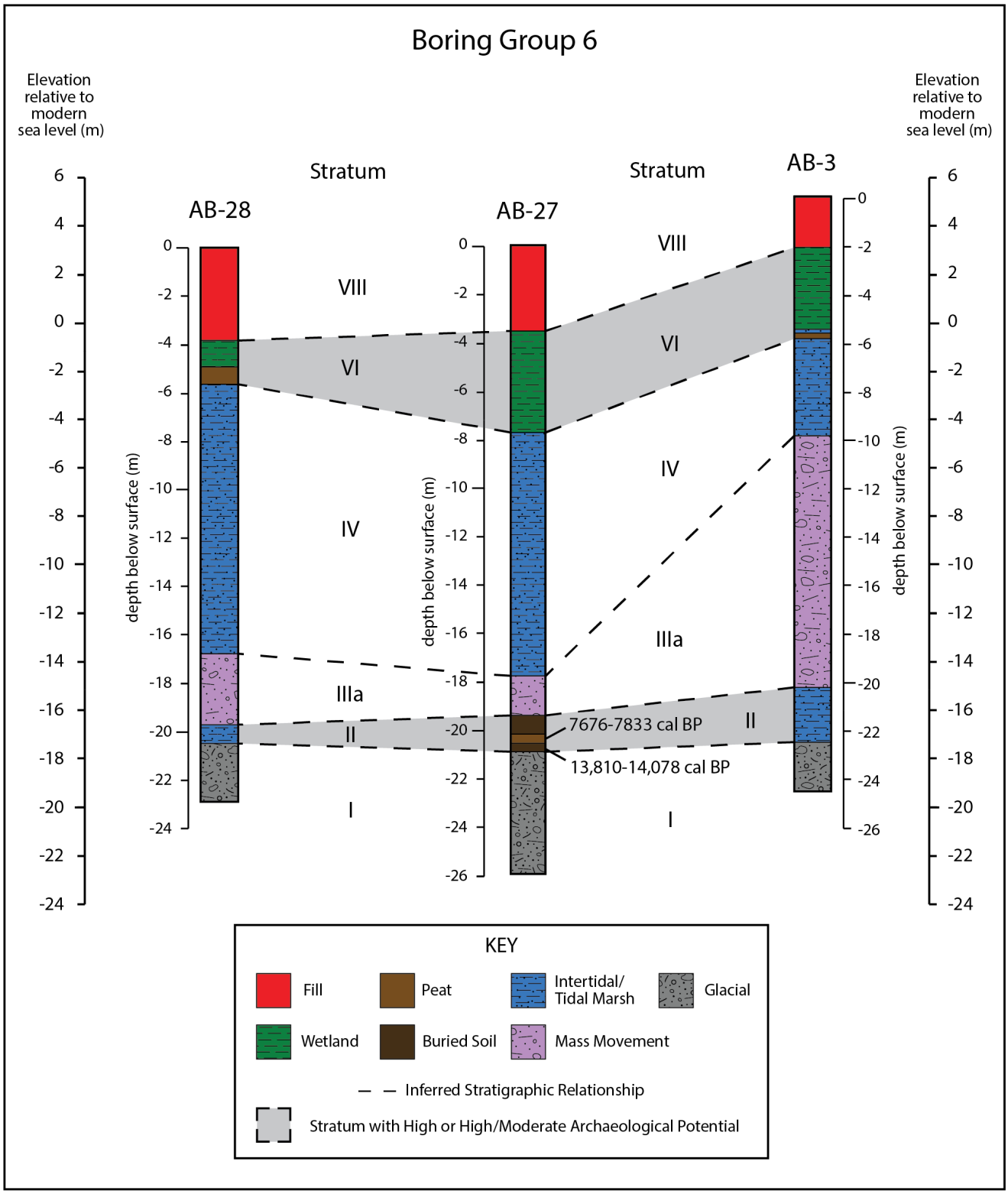

Figure 9-126 Stratigraphy of Boring Group 6

Because no cultural materials were found within AB-27's Stratum II, it is not considered part of the recorded archaeological site (Punke et al. 2017:99). The buried surface in AB-27, however, does represent a stable landform in a nearshore setting, and thus the deposit has a high probability of containing archaeological evidence of human occupation. Because no buried soils were identified in coeval Stratum II deposits found in AB-28 and AB-3, these deposits represent less-stable landforms with a moderate probability of containing archaeological resources.

Very poorly sorted fine sediments, sands, and gravels representing a mass movement (landslide) event capped Stratum II deposits. These materials are in a similar stratigraphic position to Stratum III materials in Group 5's AB-7 but are much more gravel-rich and poorly sorted; they have therefore been identified as Stratum IIIa Stratum IIIa materials are thickest in AB-3 and thinner in bores AB-27 and AB-28 to the west. The location of the Group 6 bores is at the base of an upland glacial formation. This formation displays a scalloped margin that may have been created as a result of a landslide. Such a mass movement would have displaced poorly sorted glacial materials from the margin of the upland onto the landmass below. Data from nearby geoarchaeological bores suggests Stratum IIIa sediments were deposited into an intertidal setting or shallow subtidal setting (Punke et al. 2017). This high-energy, partially or fully inundated environment is unlikely to have been occupied by humans.

Sands, silts, and clays containing common shell fragments characterize the intertidal and tidal marsh sediments (Stratum IV) found overlying Stratum IIIa. This depositional setting is relatively high energy and/or is commonly inundated and would not have been conducive to long-term human occupation. Emergence from intertidal conditions is suggested by a fining upwards of sediments and the presence of peats at the boundary between the intertidal/tidal marsh Stratum IV deposits and the overlying wetland materials (Stratum VI).

Very fine-grained sands, silts, and clays containing common organic constituents typify the Stratum VI wetland deposits found underlying fill near the top of the bores in Boring Group 6. Stratum VI materials suggest a nearshore setting within which small tidal channels or alluvial streams draining the uplands deposited silts and fine sands, while marginal areas supported an organic-rich marsh environment. This setting would have appeared very similar to that shown on the 1877 map of the area (see Figure 9-122), which included tidal flats and channels surrounded by marshes and glacial uplands. Such areas, in particular those out of the range of tidal inundation, may have been conducive to human use and should be considered to have a high or moderate probability for containing archaeological resources.

9.3 Geotechnical Monitoring Results

ATCRC staff monitored the extraction of 26 geotechnical bores between November 30, 2020, and March 21, 2021, that are shown in Figure 9-127. The depth of the bores ranged between 30.5 to 76.2 meters (100 and 250 feet) bgs.

Archaeological materials were found during examination of sediments extracted at one boring location. Geotechnical bore PRB-4-19 encountered a deposit of organically enriched sediment containing fragmented mussel shell and other bivalves at a depth of 9.1 to 9.6 meters (30 to 31.5 feet) bgs that were interpreted to represent a shell midden (Stevenson 2020). The deposit was recorded as archaeological resource 45PI1557. Bore logs are available on file with Sound Transit.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 9-127
Geotechnical Bore Locations Overview
Tacoma Dome Link Extension

9.3.1 45PI1557

The rest of this section is redacted, contains privileged information that is not for public disclosure.

9.4 Built-Environment Field Survey

Using the methods described in Section 5.2, built-environment resources requiring survey and inventory within the APE were identified and documented. Resources surveyed and inventoried for TDLE included resources that will be 50 years old or older at the time of project construction (i.e., 2025) or those built in or before 1980, minus those meeting clearly defined exemptions. King and Pierce County Assessor's records provided dates of construction for most resources within the APE. In cases where no dates of construction were available, but a review of maps or aerials photographs suggested that built-environment resources may be present, a field visit was conducted. When resources were present, they were added to the survey and documented in evaluations and HPIs.

Sound Transit provided an initial recommendation regarding each resource's eligibility for the NRHP under Criteria A through D. These recommendations are advisory and may inform the lead agency's determinations of eligibility for surveyed resources (Table 9-11).

9.4.1 Built-Environment Survey Results

A total of 233 built-environment resources were documented on HPI forms in DAHP's WISAARD database (Attachment J5.5). Twenty-one of the documented resources possess sufficient significance and integrity to qualify for listing in the NRHP (denoted in **bold** in Table 9-11). One additional resource, the Milwaukee, St. Paul, and Pacific Railroad, was recommended not eligible and then determined NRHP-eligible while reporting was underway. It is assessed for potential effects in Section 10.2. Resources that are eligible for the NRHP are detailed below in physical descriptions, photos, and evaluations.

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
Federal Way Segment								
1	Federal Way Segment	1065	7622400010	721219	1706 S Commons, Federal Way	Commercial Mall	1975	Determined Not Eligible for NRHP
2	Federal Way Segment	1089	1621049039	722321	S 324th Place, Federal Way	Utility	1975	Determined Not Eligible for NRHP
3	Federal Way Segment	1110	1621049037	674318	2101 S 324th Street, Federal Way	Mobile Home Park	1966	Determined Not Eligible for NRHP
4	Federal Way Segment	1165	1035700110	400003	2206 S 330th Street, Federal Way	Residence	1956	Determined Not Eligible for NRHP
5	Federal Way Segment	1163	7978800580	307784	2232 S 330th Street, Federal Way	Residence	1950	Determined Not Eligible for NRHP
6	Federal Way Segment	1174	7978800682	308853	33003 24th Avenue S, Federal Way	Residence	1951	Determined Not Eligible for NRHP
7	Federal Way Segment	1215	7978800679	397256	33035 24th Avenue S, Federal Way	Residence	1957	Determined Not Eligible for NRHP
8	Federal Way Segment	1225	7978800681	304377	33049 24th Avenue S, Federal Way	Residence	1948	Determined Not Eligible for NRHP
9	Federal Way Segment	1232	7978200164	316362	33111 24th Avenue S, Federal Way	Residence	1968	Determined Not Eligible for NRHP
10	Federal Way Segment	1242	7978200165	721218	33211 24th Avenue S, Federal Way	Residence	1975	Determined Not Eligible for NRHP
11	Federal Way Segment	1250	7978200167	309382	33217 24th Avenue S, Federal Way	Residence	1969	Determined Not Eligible for NRHP
12	Federal Way Segment	1269	7978200166	311005	2238 S 333rd Street, Federal Way	Residence	1968	Determined Not Eligible for NRHP
13	Federal Way Segment	1271	7978200160	323645	2244 S 333rd Street, Federal Way	Residence	1967	Determined Not Eligible for NRHP
14	Federal Way Segment	1275	7978200180	307792	2245 S 333rd Street, Federal Way	Residence	1948	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
15	Federal Way Segment	1294	7978200210	393802	2230 S 336th Street, Federal Way	Residence	1962	Determined Not Eligible for NRHP
16	Federal Way Segment	1301	7978200215	316302	2234 S 336th Street, Federal Way	Residence	1959	Determined Not Eligible for NRHP
South Federal Way Segment								
17	South Federal Way Segment	1407	2121049052	722322	2525 S 336th Street, Federal Way: Landscape	Landscape	1974	Determined Not Eligible for NRHP
18	South Federal Way Segment	1407	2121049052	722324	2525 S 336th Street, Federal Way: Office	Landscape	1974	Determined Not Eligible for NRHP
19	South Federal Way Segment	1407	2121049052	722326	2525 S 336th Street, Federal Way: Nursery	Landscape	1974	Determined Not Eligible for NRHP
20	South Federal Way Segment	1407	2121049052	722328	2525 S 336th Street, Federal Way: Greenhouse	Landscape	1974	Determined Not Eligible for NRHP
21	South Federal Way Segment	1459	8897000085	731866	34627 16th Avenue S, Federal Way	Commercial	1980	Determined Not Eligible for NRHP
22	South Federal Way Segment	1464	8897000090	721773	34703 16th Avenue S, Federal Way	Commercial	1974	Determined Not Eligible for NRHP
23	South Federal Way Segment	1476	8897000115	N/A	1520 S 348th Street, Federal Way	Gas Station	2019	No historic-period resource at this location
24	**South Federal Way Segment**	**1478**	**2121049077**	**731955**	**34726 16th Avenue S, Federal Way**	**Commercial**	**1978**	**NRHP Eligible under Criterion C**
25	South Federal Way Segment	1530	2021049162	721373	35000 Pacific Highway S, Federal Way	Warehouse	1974	Determined Not Eligible for NRHP
26	South Federal Way Segment	1561	2021049059	731960	1351 S 351st Street, Federal Way	Fire Station	1977	Determined Not Eligible for NRHP
27	South Federal Way Segment	1560	2021049116	721041	1393 S 351st Street, Federal Way	Services	1960	Determined Not Eligible for NRHP
28	South Federal Way Segment	1584	2921049049	339500	1220 S 356th Street, Southern Building, Federal Way	Commercial	1963	Determined Not Eligible for NRHP
29	South Federal Way Segment	1584	2921049049	722330	1220 S 356th Street, Northern Building, Federal Way	Commercial	1969	Determined Not Eligible for NRHP
30	South Federal Way Segment	1605	2821049172	721042	35610 Enchanted Parkway S, Federal Way	Commercial	1968	Determined Not Eligible for NRHP
31	**South Federal Way Segment**	**1589**	**2921049010**	**731975**	**726 S 356th Street, Federal Way**	**Community Center**	**ca. 1929**	**NRHP Eligible under Criteria A and C**
32	South Federal Way Segment	1583	2921049002	731971	1200 S 356th Street, Federal Way	Industrial	1980	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
33	South Federal Way Segment	1594	2921049003	731972	35516 Pacific Highway S, Federal Way	Commercial	1951	Determined Not Eligible for NRHP
34	South Federal Way Segment	1600	2921049036	731973	1215 S 356th Street, Federal Way	Commercial	1931	Determined Not Eligible for NRHP
35	South Federal Way Segment	1607	2821049178	721044	1741 S 356th Street, Federal Way	Services	1972	Determined Not Eligible for NRHP
36	South Federal Way Segment	1611	2821049077	721043	35620 Enchanted Parkway S, Federal Way	Services	1971	Determined Not Eligible for NRHP
37	South Federal Way Segment	1615	2921049124	339491	35800 Pacific Highway S, Federal Way	Church	1955	Determined Not Eligible for NRHP
38	South Federal Way Segment	1617	2921049064	731976	35717 Pacific Highway S, Federal Way	Office	1972	Determined Not Eligible for NRHP
39	South Federal Way Segment	1639	2921049020	323879	35935 Pacific Highway S, Federal Way	Residence	1958	Determined Not Eligible for NRHP
40	South Federal Way Segment	1646	2821049140	308766	1615 S 359th Street, Federal Way	Residence	1957	Determined Not Eligible for NRHP
41	South Federal Way Segment	1647	2821049134	321243	1625 S 359th Street, Federal Way	Residence	1959	Determined Not Eligible for NRHP
42	South Federal Way Segment	1655	2921049034	338722	35905 16th Avenue S, Federal Way	Church/ School	1918	Determined Not Eligible for NRHP
43	South Federal Way Segment	1655	2921049034	722118	35905 16th Avenue S, Federal Way	Church/ Teacherage	1918	Determined Not Eligible for NRHP
44	South Federal Way Segment	1651	2821049135	309890	1635 S 359th Street, Federal Way	Residence	1959	Determined Not Eligible for NRHP
45	South Federal Way Segment	1658	2821049132	307826	1649 S 359th Street, Federal Way	Residence	1959	Determined Not Eligible for NRHP
46	South Federal Way Segment	1662	2821049115	399052	35926 16th Avenue S, Federal Way	Residence	1959	Determined Not Eligible for NRHP
47	South Federal Way Segment	1668	2821049190	721374	36010 16th Avenue S, Federal Way	Residence	1978	Determined Not Eligible for NRHP
48	South Federal Way Segment	1670	2821049107	392772	36028 16th Avenue S, Federal Way	Residence	1956	Determined Not Eligible for NRHP
49	South Federal Way Segment	1675	2821049109	721045	36200 16th Avenue S, Federal Way	Residence	1977	Determined Not Eligible for NRHP
50	**South Federal Way Segment**	**1691**	**2921049074**	**731992/ 731994/ 731995/ 731996/ 731998/ 731999/ 732000/ 732001**	**36605 Pacific Highway S, Federal Way**	**School and Residence**	**ca. 1943**	**NRHP Eligible under Criteria A, B, and C**

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
51	**South Federal Way Segment**	**1687**	**2921049024**	**396993**	**36530A Pacific Highway S, Federal Way**	**Residence and Stables**	**ca. 1900**	**NRHP Eligible under Criteria A and B**
52	South Federal Way Segment	1697	2921049161	731977	36530B Pacific Highway S, Federal Way	Residence	1977	Determined Not Eligible for NRHP
53	**South Federal Way Segment**	**1702**	**2921049044**	**395115**	**36606 Pacific Highway S, Federal Way**	**Residence**	**1947**	**NRHP Eligible under Criterion C**
54	South Federal Way Segment	1706	3221049016	313509	36815 Pacific Highway S, Federal Way	Religious Temple	1950	Determined Not Eligible for NRHP
55	**South Federal Way Segment**	**1717**	**3221049078**	**395874**	**36903 Pacific Highway S, Federal Way**	**Residence**	**1921**	**NRHP Eligible under Criterion C**
56	South Federal Way Segment	1715	3221049123	396575	36817 12th Avenue S, Federal Way	Residence	1961	Determined Not Eligible for NRHP
57	South Federal Way Segment	1718	3221049089	397397	36908 12th Avenue S, Federal Way	Residence	1952	Determined Not Eligible for NRHP
58	South Federal Way Segment	1723	3221049077	396556	36920 12th Avenue S, Federal Way	Residence	1949	Determined Not Eligible for NRHP
59	South Federal Way Segment	1724	3221049094	312692	36928 Pacific Highway S, Federal Way	Residence	1941	Determined Not Eligible for NRHP
60	South Federal Way Segment	1731	3221049080	317998	37006 12th Avenue S, Federal Way	Residence	1948	Determined Not Eligible for NRHP
61	South Federal Way Segment	1737	3221049006	394023	37101 12th Avenue S, Federal Way	Residence	1968	Determined Not Eligible for NRHP
62	South Federal Way Segment	1750	3221049128	324524	37125 12th Avenue S, Federal Way	Residence	1969	Determined Not Eligible for NRHP
63	South Federal Way Segment	1757	3221049133	721375	1020 S 372nd Way, Federal Way	Residence	1972	Determined Not Eligible for NRHP
64	South Federal Way Segment	1765	3221049107	732004	37205 Pacific Highway S, Federal Way	Commercial	ca. 1960	Determined Not Eligible for NRHP
65	South Federal Way Segment	1776	3221049121	306294	1021 S 372nd Way, Federal Way	Residence	1962	Determined Not Eligible for NRHP
66	South Federal Way Segment	1779	3221049100	317535	37227 8th Avenue S, Federal Way	Residence	1938	Determined Not Eligible for NRHP
67	South Federal Way Segment	1794	2188203365	394752	112 SW 374th Street, Federal Way	Residence	1946	Determined Not Eligible for NRHP
68	South Federal Way Segment	1799	3221049087	396720/ 732828/ 732847	215 S 373rd Street, Federal Way	Residence/ Commercial/ Warehouse/ Quonset Hut	1918-1960	Determined Not Eligible for NRHP
69	South Federal Way Segment	1790	3221049081	325877	831 S 373rd Place, Federal Way	Residence	1951	Determined Not Eligible for NRHP
70	South Federal Way Segment	1801	3221049122	327903	819 S 373rd Place, Federal Way	Residence	1969	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
71	South Federal Way Segment	1803	3221049124	304328	805 S 373rd Place, Federal Way	Residence	1969	Determined Not Eligible for NRHP
72	South Federal Way Segment	1800	3221049023	315526	37325 8th Avenue S, Federal Way	Residence	1938	Determined Not Eligible for NRHP
73	South Federal Way Segment	1808	2188204580	732005	37405 Pacific Highway S, Federal Way	Warehouse	1972	Determined Not Eligible for NRHP
74	South Federal Way Segment	1817	3221049091	337360	37515 8th Avenue S, Federal Way	Church	1951	Determined Not Eligible for NRHP
75	South Federal Way Segment	1836	3221049101	304743	700 S 376th Street, Federal Way	Residence	1961	Determined Not Eligible for NRHP
76	South Federal Way Segment	1831	3221049070	315797	37540 8th Avenue S, Federal Way	Residence	1961	Determined Not Eligible for NRHP
77	**South Federal Way Segment**	**1843**	**3221049025**	**537584/ 725425**	**37600 Pacific Highway S, Federal Way**	**Cemetery Landscape with Mortuary and Mausoleums**	**1974**	**NRHP Eligible under Criteria A and C**
78	South Federal Way Segment	3007	0421314030	732006	8425 Pacific Highway E	RV and Apartment Complex	1951	Determined Not Eligible for NRHP
79	South Federal Way Segment	3007	0421314030	732009	8425 Pacific Highway E	Service Garage	1951	Determined Not Eligible for NRHP
80	South Federal Way Segment	3009	0421314125	731870	8411 Pacific Highway E	Commercial	1949	Determined Not Eligible for NRHP
81	South Federal Way Segment	3010	0421314132	731872	8410 Pacific Highway E	Commercial	ca. 1940	Determined Not Eligible for NRHP
82	South Federal Way Segment	3012	0421314031	731873	8323 Pacific Highway E	Mobile Home Park	1967	Determined Not Eligible for NRHP
83	South Federal Way Segment	3013	0421314127	731888	8324 Pacific Highway E	Residence	1946	Determined Not Eligible for NRHP
84	South Federal Way Segment	3021	0421314041	731889	8217 Pacific Highway E	Residence	1946	Determined Not Eligible for NRHP
85	South Federal Way Segment	3023	0421314009	731890	8209 Pacific Highway E	Commercial	1974	Determined Not Eligible for NRHP
86	South Federal Way Segment	3028	0421314055	731967	8111 Pacific Highway E	Commercial	ca. 1932	Determined Not Eligible for NRHP
87	South Federal Way Segment	3030	0421314012	N/A	8110 Pacific Highway E	Residence	1944	No historic-period resource at this location
88	South Federal Way Segment	3032	0420061087	N/A	8011 Pacific Highway E	Commercial	1945	No historic-period resource at this location
89	**South Federal Way Segment**	**3035**	**0420061029**	**731901**	**7909 Pacific Highway E, Milton**	**Motel**	**ca. 1948**	**NRHP Eligible under Criterion C**
90	South Federal Way Segment	3036	0420052031	721376	324 Birch Street, Milton	Residence	1968	Determined Not Eligible for NRHP
91	South Federal Way Segment	3043	0420052050	721777	212 Birch Street, Milton	Garage	1972	Determined Not Eligible for NRHP
92	South Federal Way Segment	3051	0420052005	721778	7808 Pacific Highway E, Milton	Office	1970	Determined Not Eligible for NRHP
93	South Federal Way Segment	3058	0420052026	731910	7802 Pacific Highway E, Milton	Residence	1905	Determined Not Eligible for NRHP
94	South Federal Way Segment	3040	0420052045	721377	320 Birch Street, Milton	Residence	1951	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
95	South Federal Way Segment	3074	0420061051	731912	7715 Pacific Highway E, Milton	Commercial	1978	Determined Not Eligible for NRHP
96	South Federal Way Segment	3064	0420061081	731911	7721 Pacific Highway E, Milton	Commercial	1956	Determined Not Eligible for NRHP
97	South Federal Way Segment	3078	0420052007	731913	7720 Pacific Highway E, Milton	Commercial	1960	Determined Not Eligible for NRHP
98	South Federal Way Segment	3094	0420061054	731928	222-224 70th Avenue E, Milton	Duplex	1957	Determined Not Eligible for NRHP
99	**South Federal Way Segment**	**3091**	**0420052003**	**731933**	**7700 Pacific Highway E, Milton**	**Commercial**	**1978**	**NRHP Eligible under Criterion C**
100	South Federal Way Segment	3107	0420061075	731934	304 70th Avenue E, Milton	Residence	ca. 1941	Determined Not Eligible for NRHP
101	South Federal Way Segment	3122	0420065064	731936	322 70th Avenue E, Milton	Residence	1948	Determined Not Eligible for NRHP
102	South Federal Way Segment	3133	0420052012	731941	7403 Pacific Highway E	Commercial	1975	Determined Not Eligible for NRHP
103	South Federal Way Segment	3172	5990200241	153534	406 Porter Way, Milton	Commercial	1955	Determined Not Eligible for NRHP
104	South Federal Way Segment	3129	0420056009	N/A	7404 Pacific Highway E, Milton	Outbuilding	1980s	Determined Not Eligible for NRHP
105	South Federal Way Segment	3196	0420052046	721379	7320 Pacific Highway E, Milton	Restaurant	1935	Determined Not Eligible for NRHP
106	South Federal Way Segment	3207	5990200400	722331	405B Porter Way, Milton	Commercial	1971	Determined Not Eligible for NRHP
107	South Federal Way Segment	3157	0420052051	N/A	7402 Pacific Highway E, Milton	Commercial	1978	Determined Not Eligible for NRHP
108	South Federal Way Segment	3211	0420052009	721387	7303 Pacific Highway E, Milton	Residence	1948	Determined Not Eligible for NRHP
109	South Federal Way Segment	3257	0420053071	721069	805 70th Avenue E, Milton	Residence	1940	Determined Not Eligible for NRHP
110	South Federal Way Segment	3256	0420053042	721389	817 70th Avenue E, Milton	Residence	1900	Determined Not Eligible for NRHP
111	South Federal Way Segment	3253	0420053078	721391	911 70th Avenue E, Milton	Residence	1900	Determined Not Eligible for NRHP
112	South Federal Way Segment	3252	0420053058	721081	913 70th Avenue E, Milton	Residence	1948	Determined Not Eligible for NRHP
113	South Federal Way Segment	3249	0420053064	721066	7127 Pacific Highway E, Milton	Residence	1926	Determined Not Eligible for NRHP
114	South Federal Way Segment	3250	0420057012	721067	7121 Pacific Highway E, Milton	Residence	1928	Determined Not Eligible for NRHP
115	South Federal Way Segment	3251	0420053040	721077	7119 Pacific Highway E, Milton	Residence	1944	Determined Not Eligible for NRHP
116	South Federal Way Segment	3267	0420053027	721779	1015 70th Avenue E, Milton	Residence	1938	Determined Not Eligible for NRHP
117	South Federal Way Segment	3258	0420053067	721078	7115 Pacific Highway E, Milton	Residence	1948	Determined Not Eligible for NRHP
118	South Federal Way Segment	3260	0420053034	721394	1103 70th Avenue E, Milton	Residence	1940	Determined Not Eligible for NRHP
119	South Federal Way Segment	3261	0420053036	721084	7109 Pacific Highway E, Milton	Residence	1958	Determined Not Eligible for NRHP
120	South Federal Way Segment	3262	0420053037	721080	7111 Pacific Highway E, Milton	Residence	1948	Determined Not Eligible for NRHP
121	South Federal Way Segment	3266	0420053053	721395	1119 70th Avenue E, Milton	Residence	1930	Determined Not Eligible for NRHP
122	South Federal Way Segment	3269	0420053001	721086	1123 70th Avenue E, Milton	Residence	1960	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
Fife Segment								
123	Fife Segment	3432/ 3417	N/A	722333	67th Avenue E Bridge over Hylebos Creek, Fife	Bridge	1961	Determined Not Eligible for NRHP
124	Fife Segment	3473	0420064070	721414	6423 Pacific Highway E, Fife	Office	1951	Determined Not Eligible for NRHP
125	Fife Segment	3490	0420064060	721782	6411 Pacific Highway E, Fife	Commercial	1975	Determined Not Eligible for NRHP
126	Fife Segment	3505	0420064199	721780	6323 Pacific Highway E, Fife	Commercial	1951	Determined Not Eligible for NRHP
127	Fife Segment	3544	0420064129	721783	1427 62nd Avenue E, Fife	Utility	1971	Determined Not Eligible for NRHP
128	Fife Segment	3522	0420064025	721405	1403 62nd Avenue E, Fife	Residence	1964	Determined Not Eligible for NRHP
129	**Fife Segment**	**3537**	**0420064024**	**31927**	**1309 62nd Avenue E, Fife**	**Residence**	**1900**	**NRHP Eligible: Criteria A and/or B or C**
130	Fife Segment	3558	0420063016	721083	1310 62nd Avenue E, Fife	Religious	1951	Determined Not Eligible for NRHP
131	Fife Segment	3593	0420063058	721076	1305 59th Avenue E, Fife	Residence	1941	Determined Not Eligible for NRHP
132	Fife Segment	3626	0420063086	721393	5812 10th Street E, Fife	Miscellaneous	1934	Determined Not Eligible for NRHP
133	Fife Segment	3616	0420063060	721404	1322 59th Avenue E, Fife	Residence	1910	Determined Not Eligible for NRHP
134	Fife Segment	3609	6605000013	130564	5913 15th Street E, Fife	Residence	1953	Determined Not Eligible for NRHP
135	Fife Segment	3613	6605000053	131344	5912 15th Street E, Fife	Residence	1955	Determined Not Eligible for NRHP
136	Fife Segment	3614	6605000054	133505	1508 59th Avenue E, Fife	Residence	1951	Determined Not Eligible for NRHP
137	Fife Segment	3617	6605000014	136241	5905 15th Street E, Fife	Residence	1955	Determined Not Eligible for NRHP
138	Fife Segment	3630	6605000030	132466	5809 15th Street E, Fife	Residence	1958	Determined Not Eligible for NRHP
139	Fife Segment	3635	6605000040	145979	5801 15th Street E, Fife	Residence	1960	Determined Not Eligible for NRHP
140	Fife Segment	3634	6605000080	145431	5802 to 5804 15th Street E, Fife	Residence	1956	Determined Not Eligible for NRHP
141	Fife Segment	3640	9315000010	152005	5719 15th Street E, Fife	Miscellaneous	1944	Determined Not Eligible for NRHP
142	Fife Segment	3638	9315000080	144090	5718 15th Street E, Fife	Residence	1900	Determined Not Eligible for NRHP
143	Fife Segment	3639	4055000110	153730	5717 Pacific Highway E, Fife	Commercial	1947	Determined Not Eligible for NRHP
144	Fife Segment	3642	4055000100	153566	5715 Pacific Highway E, Fife	Commercial	1942	Determined Not Eligible for NRHP
145	Fife Segment	3644	9315000090	139898	5712 15th Street E, Fife	Residence	1940	Determined Not Eligible for NRHP
146	Fife Segment	3648	9315000020	137615	5701 15th St E, Fife	Residence	1950	Determined Not Eligible for NRHP
147	Fife Segment	3652	9315000033	130537	5615 15th St E, Fife	Residence	1941	Determined Not Eligible for NRHP
148	Fife Segment	3679	9315000060	727596	5417 15th St E, Fife	Residence	1948	Determined Not Eligible for NRHP
149	Fife Segment	3689	9315000070	727594	1409 54th Ave E, Fife	Commercial	1963	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
150	Fife Segment	3702	320014101	727600	1124 54th Ave E, Fife	Industrial	1968	Determined Not Eligible for NRHP
151	Fife Segment	3693	0320018018	721091	1401 52nd Avenue E, Fife	Warehouse	1962	Determined Not Eligible for NRHP
152	Fife Segment	3693	0320018018	721092	1421 52nd Avenue E, Fife	Post Office	1966	Determined Not Eligible for NRHP
153	Fife Segment	3693	0320018018	721093	1414 54th Avenue E, Fife	Commercial	1962	Determined Not Eligible for NRHP
154	Fife Segment	3696	320018017	727593	1522 54th Ave E, Fife	Restaurant	1966	Determined Not Eligible for NRHP
155	Fife Segment	3706	320014029	727590	5303 Pacific Highway E, Fife	Commercial	1959	Determined Not Eligible for NRHP
156	Fife Segment	3715	320014040	727587	5219 Pacific Highway E, Fife	Commercial	1931	Determined Not Eligible for NRHP
157	Fife Segment	3721	0320014037	N/A	1327 52nd Avenue E, Fife	Commercial	1966	Demolished. No historic-period resource at this location
158	Fife Segment	3729	0320014042	721413	5209 Pacific Highway E, Fife	Bank	1958	Determined Not Eligible for NRHP
159	Fife Segment	3742	0320014095	721087	5121 Pacific Highway E, Fife	Restaurant	1962	Determined Not Eligible for NRHP
160	Fife Segment	3786	0320018008	731943	4910 Pacific Highway E, Fife	Restaurant	1980	Determined Not Eligible for NRHP
161	Fife Segment	3806	8905000780	132648	4817 15th Street E, Fife	Residence	1942	Determined Not Eligible for NRHP
162	Fife Segment	3848	8905000510	130128	1416 Willow Road E, Fife	Residence	1950	Determined Not Eligible for NRHP
163	Fife Segment	3862	8905000380	721784	1417 47th Avenue E, Fife	Residence	1950	Determined Not Eligible for NRHP
164	Fife Segment	3885	8905000243	130546	1428 47th Avenue E, Fife	Residence	1952	Determined Not Eligible for NRHP
165	Fife Segment	3899	8905000091	31788	4601 Pacific Highway E, Fife	Motel	1940	Determined Not Eligible for NRHP
166	Fife Segment	3888	0320125002	731944	4630 16th Street E, Fife	Commercial	1979	Determined Not Eligible for NRHP
167	Fife Segment	3917	0320013059	N/A	4501 Pacific Highway E, Fife	Services	1937	Determined Not Eligible for NRHP
168	Fife Segment	3920	0320013087	721411	4419 Pacific Highway E, Fife	Office	1969	Determined Not Eligible for NRHP
169	Fife Segment	3922	0320013088	N/A	4415 Pacific Highway E, Fife	Commercial	1950	Determined Not Eligible for NRHP
170	Fife Segment	3927	0320013056	731946	4407 Pacific Highway E, Fife	Commercial	1978	Determined Not Eligible for NRHP
171	Fife Segment	3940	0320013040	721410	4315 Pacific Highway E, Fife	Commercial	1970	Determined Not Eligible for NRHP
172	Fife Segment	3963	0320017027	31787	1409 Alexander Avenue E, Fife	Commercial	1922	Determined Not Eligible for NRHP
173	Fife Segment	3970	0320013069	721409	1501 Alexander Avenue E, Fife	Commercial	1951	Determined Not Eligible for NRHP
174	Fife Segment	N/A	N/A	N/A	Pacific Highway E, Fife	Bridge	1928	No historic-period resource at this location
175	**Fife Segment**	**3964**	**0320013135**	**29547**	**4306 Pacific Highway E, Fife**	**Commercial**	**1950**	**NRHP Eligible under Criteria A and C**
176	Fife Segment	3986	0320013155	721407	4105 Pacific Highway E, Fife	Commercial	1947	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
177	Fife Segment	4012	0320122058	722112	3812 Pacific Highway E, Fife	Ranch House and Garage	1955	Determined Not Eligible for NRHP
178	Fife Segment	4027	0320024047	721408	3701 Pacific Highway E, Fife	Commercial	1960	Determined Not Eligible for NRHP
179	Fife Segment	4036	0320024016	731951	3517 Pacific Highway E, Fife	Commercial	1978	Determined Not Eligible for NRHP
180	Fife Segment	4032	0320024106	731947	3518 Pacific Highway E, Fife	Motel	1980	Determined Not Eligible for NRHP
181	Fife Segment	4030	0320111049	90583	3520 Pacific Highway E, Fife	Commercial	1963	Determined Not Eligible for NRHP
182	Fife Segment	4031	0320111000	721790	3607 20th Street E, Fife	Commercial	1967	Determined Not Eligible for NRHP
183	Fife Segment	4064	0320024032	29545	3401 Pacific Highway E, Fife	Motel	1932	Determined Not Eligible for NRHP
184	Fife Segment	4126	0320112048	721788	2902 20th Street E, Fife	Industrial	1950	Determined Not Eligible for NRHP
185	Fife Segment	4133	0320116002	731957	2612 Pacific Highway E, Fife	Commercial	1978	Determined Not Eligible for NRHP
186	Fife Segment	4139	0320112038	731958	2590 Pacific Highway E, Fife	Commercial	1980	Determined Not Eligible for NRHP
187	Fife Segment	4157	0320023027	721787	2311 Pacific Highway E, Fife	Commercial	1940	Determined Not Eligible for NRHP
188	Fife Segment	4168	0320023019	721785	2205-2215 Pacific Highway E, Fife	Commercial	1972	Determined Not Eligible for NRHP
189	Fife Segment	4166	0320023057	721439	2208 Pacific Highway E, Fife	Commercial	1950	Determined Not Eligible for NRHP
190	Fife Segment	4167	0320112012	97093	2208 Pacific Highway E, Fife	Commercial	1960	Determined Not Eligible for NRHP
191	Fife Segment	4181	0320101006	731959	2102 Eels Street, Fife	Industrial	1950	Determined Not Eligible for NRHP
192	Fife Segment	4211	4715010571	530918	1713 Puyallup Avenue, Tacoma	Industrial	1935	Determined Not Eligible for NRHP
193	Fife Segment	4230	4715011411	731961	2650 E Bay Street, Tacoma	Industrial	1976	Determined Not Eligible for NRHP
Tacoma Segment								
194	Tacoma Segment	4256	4715010543	534436	1601 Bay Street, Tacoma	Services	1968	Determined Not Eligible for NRHP
195	Tacoma Segment	N/A	APE-specific	722130	Tacoma Eastern Railroad/Milwaukee, St. Paul, and Pacific Railroad	Linear	1909	Determined Not Eligible for NRHP
196	**Tacoma Segment**	**N/A**	**APE-specific**	**722131**	**Northern Pacific Railway/BNSF**	**Linear**	**1873**	**NRHP Eligible under Criterion A**
197	**Tacoma Segment**	**N/A**	**APE-specific**	**722117**	**Puyallup River Levees**	**Linear**	**1950**	**NRHP Eligible under Criterion A**
198	Tacoma Segment	N/A	APE-specific	722123	Pacific Highway	Linear	1926	Determined Not Eligible for NRHP
199	Tacoma Segment	4259	4715011142	531192	2603A E Portland Avenue, Tacoma	Commercial	1950	Determined Not Eligible for NRHP
200	Tacoma Segment	4252	4715011390	721150	2603B E Portland Avenue, Tacoma	Commercial	1950	Determined Not Eligible for NRHP
201	**Tacoma Segment**	**4310**	**4715010850**	**536705**	**1320 E 26th Street, Tacoma**	**Residence**	**1914**	**NRHP Eligible under Criterion C**
202	Tacoma Segment	4346	4715010391	721796	1201 Puyallup Avenue, Tacoma	Commercial	1973	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
203	Tacoma Segment	4318	4715010830	721791	1314 E 26th Street, Tacoma	Commercial	1964	Determined Not Eligible for NRHP
204	Tacoma Segment	4348	200191315 (4715010251)	N/A	1214 Puyallup Avenue, Tacoma	Gas Station	Unknown	Determined Not Eligible for NRHP
205	Tacoma Segment	4356	4715010241	31229	1206 Puyallup Avenue, Tacoma	Commercial	1926	Determined Not Eligible for NRHP
206	Tacoma Segment	4363	2076350050	731962	1119-1121 E 26th Street, Tacoma	Commercial	1979	Determined Not Eligible for NRHP
207	Tacoma Segment	4374	2075350030	731964	1115 E 25th Street, Tacoma	Industrial	1972	Determined Not Eligible for NRHP
208	**Tacoma Segment**	**4364**	**2076360040**	**721797**	**1112 E 26th Street, Tacoma**	**Residence**	**1903**	**NRHP Eligible under Criterion C**
209	**Tacoma Segment**	**4376**	**2076360020**	**516320**	**1106 E 26th Street, Tacoma**	**Residence**	**1903**	**NRHP Eligible under Criterion C**
210	Tacoma Segment	4382	2074360010	530921	1102 Puyallup Avenue, Tacoma	Agricultural	1927	No historic-period resource at this location
211	Tacoma Segment	4313	4715010640	536784	1313 E 25th Street, Tacoma	Manufacturing	1967	Determined Not Eligible for NRHP
212	Tacoma Segment	4343	4715010280	721095	1220 Puyallup Avenue, Tacoma	Motel	1941	Determined Not Eligible for NRHP
213	Tacoma Segment	4416	2075290020	721805	811 E 25th Street, Tacoma	Commercial	1975	Determined Not Eligible for NRHP
214	Tacoma Segment	4422	2074300010	731963	808 Puyallup Avenue, Tacoma	Manufacturing	1978	Determined Not Eligible for NRHP
215	Tacoma Segment	4419	2076300010	721085	808 E 26th Street, Tacoma	Manufacturing	1960	Determined Not Eligible for NRHP
216	Tacoma Segment	4436	2076280013	536751	712 E 26th Street, Tacoma	Manufacturing	1969	Determined Not Eligible for NRHP
217	Tacoma Segment	4427	2074290011	530920	805 Puyallup Avenue, Tacoma	Commercial	1969	Determined Not Eligible for NRHP
218	Tacoma Segment	4433	2076270010	N/A	E 26th Street and G Street, Tacoma	Utility	1980	No historic-period resource at this location
219	Tacoma Segment	4447/ 4446	2076260030/ 2077250070	731966	2620 E G Street, Tacoma	Commercial	ca. 1919	Determined Not Eligible for NRHP
220	**Tacoma Segment**	**4458**	**2074250010**	**32815**	**603-605 Puyallup Avenue, Tacoma**	**Commercial**	**1950**	**NRHP Eligible under Criteria A and C**
221	Tacoma Segment	4470	2074230060	31224	525 Puyallup Avenue, Tacoma	Commercial	1923	Determined Not Eligible for NRHP
222	Tacoma Segment	4463	2076250011	721818	601 E 26th Street, Tacoma	Commercial	ca. 1975	Determined Not Eligible for NRHP
223	Tacoma Segment	4453	2076260011	721819	2601 East F Street, Tacoma	Commercial	1969	Determined Not Eligible for NRHP
224	Tacoma Segment	4482	2074230010	32847	505 Puyallup Avenue, Tacoma	Commercial	1931	Determined Not Eligible for NRHP
225	Tacoma Segment	4494	2074220033	721058	424 Puyallup Avenue, Tacoma	Commercial	1917	Determined Not Eligible for NRHP
226	Tacoma Segment	4510	2075210010	32821	401 E 25th Street, Tacoma	Commercial	1947	Determined Not Eligible for NRHP
227	Tacoma Segment	4501	2076210020	721090	409 E 26th Street, Tacoma	Restaurant	1969	Determined Not Eligible for NRHP
228	Tacoma Segment	4507	2076210010	536744	401 E 26th Street, Tacoma	Commercial	1918	Determined Not Eligible for NRHP

Table 9-11 NRHP Eligibility for Surveyed Built-Environment Resources within the APE (continued)

No.	Segment	TDLE Map ID	Parcel No.	WISAARD Property ID	Address	Existing Use	Year Built	NRHP Eligibility Determination
229	Tacoma Segment	4500	2077210010	536681	401 E 27th Street, Tacoma	Services	1967	Determined Not Eligible for NRHP
230	Tacoma Segment	4520	2075190070	32820	323 E 25th Street, Tacoma	Commercial	1941	Determined Not Eligible for NRHP
231	Tacoma Segment	4544	2075190020	536788	305-319 E 25th Street, Tacoma	Manufacturing	1965	Determined Not Eligible for NRHP
232	Tacoma Segment	4550	2075190010	32819	301 E 25th Street, Tacoma	Commercial	1904	Determined Not Eligible for NRHP
233	Tacoma Segment	4522	2076190040	721826	315 E 26th Street, Tacoma	Services	1966	Determined Not Eligible for NRHP
234	Tacoma Segment	4515	2076200070	536735	324 E 26th Street, Tacoma	Commercial	1918	Determined Not Eligible for NRHP
235	Tacoma Segment	4525	2076200041	536739	314 E 26th Street, Tacoma	Commercial	1954	Determined Not Eligible for NRHP
236	Tacoma Segment	4532	2076200030	536718	308 E 26th Street, Tacoma	Commercial	1948	Determined Not Eligible for NRHP
237	Tacoma Segment	4538	2076200020	536724	306 E 26th Street, Tacoma Unit A B	Commercial	1919	Determined Not Eligible for NRHP
238	Tacoma Segment	4542	2076200010	536740	302 E 26th Street, Tacoma	Commercial	1937	Determined Not Eligible for NRHP
239	Tacoma Segment	4557	2075170050	31671	217 E 25th Street, Tacoma	Services	1944	Determined Not Eligible for NRHP
240	Tacoma Segment	4558	2076170040	721827	219 E 26th Street, Tacoma	Miscellaneous	1900	Determined Not Eligible for NRHP
241	Tacoma Segment	4559	2076180030	536745	216 E 26th Street, Tacoma	Services	1953	Determined Not Eligible for NRHP
242	**Tacoma Segment**	**4601**	**2076150012**	**31674**	**101 E 26th Street, Tacoma**	**Commercial**	**1909**	**NRHP Eligible under Criteria A and C**
243	**Tacoma Segment**	**4605**	**2076140010**	**536748**	**102 S 26th Street, Tacoma**	**Commercial**	**1937**	**NRHP Eligible under Criteria A and C**
244	**Tacoma Segment**	**4591**	**2076160020**	**536754**	**110 E 26th Street, Tacoma**	**Commercial**	**1920**	**NRHP Eligible under Criteria A and C**
245	**Tacoma Segment**	**4596**	**2076160010**	**722335**	**102 E 26th Street, Tacoma**	**Commercial**	**1962**	**NRHP Eligible under Criteria A and C**

Bold represents NRHP eligible.

9.4.1.1 34726 16th Avenue S

According to the King County Assessor, the Denny's Restaurant at 34726 16th Avenue S was constructed in 1978 (King County Assessor 2023). The building is a single-story tall, square in plan, and faces west toward 16th Avenue S. It is surrounded on all sides by paved parking. The building sits on a poured-concrete foundation, is constructed of concrete block, is partially clad in T1-11, and is topped by an unusual split-gable terra cotta tile roof with a central panel of terra cotta tile over its central entry. The building's entry projects and includes a screen of vertical boards topped by transoms in front of a vestibule with glazed pedestrian entry doors on both the north and south sides. The entry is flanked by walls with metal-frame windows between concrete-block projecting posts or end walls. The roof includes signage for "Denny's." Corners are ornamented with applied boards. The secondary north elevation includes symmetrical panels of three metal windows between projecting posts or end walls with a single central window between them. The building's rear (east) elevation includes some windows along the dining room (north half) as well as central and southern projections of concrete block with pedestrian kitchen doors. The south elevation includes screened systems and windows near the southwest corner but no fenestration on the east half.

Figure 9-128 34726 16th Avenue S, view southeast

Figure 9-129 34726 16th Avenue S, view northwest

Integrity

From its period of construction (1978), the restaurant at 34726 16th Avenue S retains integrity of location, setting, design, materials, workmanship, feeling, and association, as no alterations are evident. The building's massing, parking lots, and roofline are evident on historic aerials from 1980 (NETROnline 2023).

Evaluation

Denny's began as Danny's Donuts in California in 1953 and changed its name to Denny's Coffee Shops in 1959. In the 1960s, new restaurants were designed with a distinctive "boomerang roof" (a deep projecting corner or an off-center gable) by Armet & Davis, a firm that became known for distinctive coffee shop design prior to 1970 (Los Angeles Conservancy 2023; Roadside Architecture 2023). By 1981, Denny's, which grew internationally, opened its 1,000th restaurant location (Denny's 2023).

The Denny's at 34726 16th Avenue S serves as a family dining restaurant in Federal Way. Although associated with the expansion of a California chain in Washington, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The Denny's at 34726 16th Avenue S possesses an eye-catching roofline, a feature of some roadside architecture, although it does not match the iconic boomerang shape or the zigzag roofline that characterized earlier examples of Denny's restaurants, which are often representative of mid-century roadside design. The most dramatic examples of roadside architecture, sometimes referred to as "Googie," were characterized by dramatic neon signage, molded or futuristic shapes, and outsized elements designed to catch the eye of motorists traveling at highway speeds.

By the late 1970s, architectural styles were evolving. In residential, commercial, and religious design in western Washington, the Shed style became popular in response to innovative designs out of California, like the Sea Ranch community (1965), where complexes included numerous sloping rooflines facing different directions, incorporating natural materials and tall windows under their deeply sloping rooflines (DAHP 2024).

While the Denny's restaurant from 1978 is a relatively modest example of Shed style, the building does possess the distinctive characteristics of its type, evident in its dramatic split gable. Due to its high level of integrity, seen in its massing, siding, and materials, the building does represent its period and method of construction. Research did not reveal the architect of the building, but the building does not appear to represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance as an example of the Shed style, as well as its high level of integrity, Historical Research Associates, Inc., recommends the Denny's restaurant at 34726 16th Avenue S eligible for listing in the National Register of Historic Places under Criterion C: architecture. Its period of significance dates to its construction in 1978, and the boundaries of the eligible resource are defined by its current and historic tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.2 726 S 356th Street

According to the King County Assessor, the community center building at 726 S 356th Street (aka 850 S 356th Street, as per the King County Assessor) was constructed in 1934 (King County Assessor 2023) (Figures 9-130 through 9-133). However, research indicates that this date is associated with an addition that has since been removed, and the original date of construction was likely 1929, although this date is also in question, as some documentation provides a date as early as 1920 (Caster 2017). Based on the best available evidence, HRA assumes a date of construction ca. 1929. The community center building was greatly enlarged by a hall constructed in two phases south of the primary mass between 1947 and 1953 and connected to the primary mass in 1950 (Caster 2017; NETROnline 2023). For the sake of this assessment, the community center building, although constructed in multiple phases, is one building. It sits on a poured-concrete foundation, is of cedar construction, and is clad in a combination of rounded “log-slab cedar siding” on the primary mass (Caster 2017), vertical plank siding in the gables, plywood with battens on the addition, and shiplap on the dormers. The basement, partly visible on rear and side elevations, is covered in stucco or parging. The primary mass is topped by a gable roof of standing-seam metal with large decorative wood brackets, while the hall addition is topped by a gable roof with a flat projection over the east half, covered in asphalt shingles.

The primary mass’s facade includes a pedestrian entry door with shallow concrete stair flanked to the north by divided, wood-frame windows. The upper floor includes one-over-one and hopper windows, also wood frame. Across the facade, from north to south, is an exterior wood stair to a balcony at the upper floor. South of the facade, the hall addition includes a large, recessed entry with concrete ramp. Windows along the wide facade are a combination of vinyl frame with interior grids and one fixed, wood-frame window. A ramp and wood rail lead to a secondary projecting entry door, and a third entry door with wood stoop and rail is located at the elevation’s south end. The hall’s facade shelters under deep eaves.

The building’s north elevation includes a secondary entry door with wood stair and stoop under a projecting, standing-seam metal awning. A projecting storage bay with pedestrian door is located west of the entry. Three wood-frame, six-light windows are located along the first floor. A dormer with three wood-frame windows is centrally located on the upper floor. Windows are eight-over-one and wood frame. Where the building steps back at the northwest corner, an exterior door on the upper floor indicates a missing stair or balcony.

The building’s west elevation includes access to the basement level. A pedestrian door with central light and five single-light windows are located at the basement level; a ribbon of two-light windows, with the middle three topped by six-light transoms, is located on the main floor; and a ribbon of six-light casements is located on the upper floor. The transition to the upper floor is marked by projecting rafter tails and plank siding in the gable, where decorative wood brackets are visible. No other elevations retain these brackets. The west elevation of the adjacent hall is clad in plywood with battens and a skirt of horizonal wood siding at the foundation. Fenestration is minimal and includes vinyl-frame sliding windows with internal grids.

The primary building’s south elevation includes a pedestrian basement entry door and an exterior wood stair to a main floor door flanked to the east by three 12-light, wood-frame windows. A dormer includes three eight-over-one, wood-frame windows. The hall’s south elevation includes vertical siding over the foundation, plywood with battens, wood plank siding in the gable, and a single pedestrian door near the southeast corner.

A secondary building is located northeast of the community center building but is not documented in Assessor's records. According to historians, the outbuilding was constructed ca. 1950, but has been greatly enlarged (Caster 2017). It is rectangular in plan, sits on a poured-concrete foundation, and is clad in lapped wood siding topped by board and batten and plywood. The building's flat roof has been extended to create a shed roof with a projecting awning over a projection to the rear (east). It is not clear whether the shed roof may include covered clerestory windows on its east elevation. The building includes a pedestrian door and a three-light, wood-frame window on its south elevation, as well as an infilled window opening. All doors and windows are sealed. The west elevation includes no fenestration. A privacy fence encases a yard east and north of the secondary building. It appears, from aerials, to include storage.

"Brook Lake" is located on the parcel, west of the lodge. At the time of survey, signage on the building and at the roadside advertised "Brooklake Community Center" and "Hanwoori Mission Church."

Figure 9-130 726 S 356th Street, view northwest

Figure 9-131 726 S 356th Street, view southwest

Figure 9-132 726 S 356th Street, view north

Figure 9-133 726 S 356th Street, view northeast

Integrity

From its date of construction (ca. 1929), the Brooklake Community Center at 726 S 356th Street retains integrity of location and setting, as it remains on its original parcel and retains its relationship to the lake and undeveloped lands nearby. While the original mass retains integrity of design, materials, and workmanship, a large addition, constructed beginning in 1947 and attached to a secondary elevation of the primary building in 1950, has diminished its integrity of design, materials, and workmanship. The addition, used as a large meeting hall, is old enough to have gained significance in its own right, although it was constructed in an incompatible style and has been reclad with incompatible materials, diminishing its integrity and the integrity of the original building. Window and siding replacement on the hall addition, as well as alterations to the primary building, including the loss of the original roof material, the addition of a stair and balcony, and the loss of brackets on the primary facade, have diminished the building's integrity of design, materials, and workmanship. The community center does retain integrity of feeling and association because, until recently, it continued to serve as a public meeting place. While its integrity has been impacted by revisions and additions, the main building's form, its rustic natural materials, and its decorative elements continue to convey significance.

Evaluation

The history of Brooklake Community Center is well documented and is the subject of a 2017 monograph by Dick Caster for the Historical Society of Federal Way (Caster 2017).

The location in Section 29 of Township 21 North, Range 4 East, was part of a land grant to the Northern Pacific Railway, which sold it to private entities around 1870. The location changed hands and eventually equaled approximately 20 acres. Mabel and Jahiel Vaughn acquired 5 acres in 1928, and this became the site of the community center building. The surrounding land, including the lake, became a recreational getaway for a group of Tacoma sportsmen who built a cabin at this location and brought their hunting dogs for the weekends (Caster 2017). Although the exact date of construction for the extant community center building is unknown, historians believe the Vaughns hired two French-Swiss immigrant carpenters to construct the community center building in the style of mountain chalets in the 1920s. The building was first used as the Wagon Wheel Inn in the 1930s, during the Prohibition Era, under manager R. K. Ruffo. The site was known as a “gambling den” that evolved into Rickey’s (or Ricky’s) Club, which operated as a tavern or speak-easy until it was shut down as a public nuisance in 1939. In 1943, the location was acquired by the founders of the Brooklake Community Center, property owners who intended to lease the property to social clubs, including what became known as the Brooklake Community Club. The community center rented out its building to members and non-members. Frequent users included the Harding Improvement Club (later the active, philanthropic group known as the Brooklake Women’s Club), the Northlake Club, the Riding Club, and King County, which used the building as a polling place. The community center hosted popular annual fairs, 4-H club events, community potlucks, private celebrations, and dances, many of them hosted by the Brooklake Women’s Club, which operated here into the late 20th century. However, by the 1970s, the popularity of these events was waning. In 1981, the property was leased to the Federal Way Community Center Association, formed from other social clubs, including members of the Lion’s Club and Kiwanis. In 1984, 12 acres of the original holding were transferred to the State of Washington for use as a park, and the remaining 5 acres were transferred to the Federal Way Community Center Association. The site continued to be a gathering place, providing services for those in poverty, as well as other users. In 1989, the Federal Way Veteran’s Center opened at this location. The building was briefly shut down in the 1990s due to electrical and plumbing issues, and in 2014, the Federal Way City Council voted to acquire the Brooklake Community Center, and then gifted the center to the Federal

Way Community Association. In the 21st century, the building was leased to the Hanwoori Mission Church (Caster 2017).

The building's history is dense, multilayered, and well-documented in a monograph by the Historical Society of Federal Way. The building does appear — based on its age and pattern of use as an entertainment venue, a community clubhouse, and the site of local fairs, dances, and other community events — to have specific and important associations with events that made a significant contribution to the broad patterns of local history, namely in the area of Entertainment and Recreation (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons, as the community center has always been associated with consortiums and groups of community members rather than any single person with documented significance in a local, state, or national context (Criterion B). The original community center building, designed to mimic Swiss mountain chalets, does possess the distinctive characteristics of its type, found in the wood siding, wood windows, decorative brackets, and massing of the primary building, exclusive of the hall addition. However, a series of alterations have diminished the building's original character. The building does not represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The outbuilding on site, constructed at a later date and heavily altered, does not possess significance under any criteria.

In spite of its diminished integrity, and exclusive of an incompatible hall addition and an outbuilding that has since been altered, the original community center building continues to convey its significant associations with community events and recreation because it maintains its form. Additionally, through its size and massing, the building conveys its nearly 100-year history, first as an inn and speakeasy, then as a hub for public gatherings (fairs, dances, public votes), and next a home for civic organizations like the Brooklake Women's Club, who met at the location and were philanthropic in their efforts (Criterion A: Entertainment and Recreation). It also retains sufficient historic character to represent an early 20th century Swiss chalet style clubhouse (Criterion C), with a period of significance dating to its construction, ca. 1929. While the 1950 addition has diminished the building's historic character, particularly on the secondary west elevation where it was attached, the remainder of the building retains so much of its original fabric — as evident in its wood construction, massing, wood windows, dormers, exterior stairs, and decorative brackets — that it continues to retain sufficient integrity to qualify for listing in the NRHP under Criteria A and C. Historical Research Associates, Inc., assumes the eligible resource is bound by the footprint of the original community center building, exclusive of the hall addition and any associated outbuildings.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.3 36605 Pacific Highway S

According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School Campus Number 1 and/or the Montessori Academy at Spring Valley, a Montessori School and teacher training center on a large campus that opened

in 1960 on the location of a former recreational trout farm (1944) (King County Assessor 2023) (Figures 9-134 through 9-135). The elementary school parcel is bisected by Hylebos Creek and includes an assemblage of buildings and landscape features. Individual inventory forms for each building are available in WISAARD.

Classrooms 1, 2, and 3, Constructed in 1944

The primary building faces northeast toward the primary school office. A play area with playground equipment is located to the east. The building is irregular in plan, constructed as a two-story, front-gabled building with single-story, side-gabled wings to the east and west. The building sits on a poured-concrete foundation, is clad primarily in wood board and batten, with some T1-11 and brick skirting, and is topped by an asphalt shingle roof. The north wing includes a recessed, covered porch with T1-11 and brick siding. It includes a pedestrian door and sliding windows that appear to be wood framed. The central mass includes a wood Dutch door and a central nine-light, wood-frame window on the first floor and a hay loft door that has been partially filled by a three-part, vinyl-frame window on the second floor. The southern wing includes a Dutch door and an additional fixed, wood-frame window. The building's south elevation includes board-and-batten siding and some brick skirting, wood-frame windows with divided lights, and a filled arched opening at the southeast corner. The rear elevation includes a chain-link enclosed outdoor classroom on post and pier foundation and a stair to a projecting addition off the second floor. The addition is clad in corrugated metal. Both the outdoor classroom and the addition are topped by corrugated roofing.

A small secondary building is located directly south of Classrooms 1, 2, and 3 and is labeled "office." It was presumably constructed in 1944 with the classrooms. The small, single-story, rectangular building sits on a poured-concrete foundation, is clad in wood shiplap, and is topped by a side-gabled asphalt shingle roof with decorative wood eaves. The building includes a pedestrian wood door and wood casement window on its northeast elevation, a half-moon window on its southeast elevation, a metal sliding window topped by a half-moon transom on its southwest elevation, and no fenestration on its northwest elevation.

Integrity

The building containing Classrooms 1, 2, and 3, constructed in 1944, retains integrity of location, as it remains on its original parcel. Some alterations to fenestration and replacement siding, likely associated with its conversion to an educational use and associated maintenance, have diminished their integrity of design, materials, and workmanship. A change of use associated with the site's redevelopment as a school in the 1950s has diminished its integrity of setting, feeling, and association. However, the school has gained historic significance in its own right, and the building containing Classrooms 1, 2, and 3 and its outbuilding retain sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School Campus Number 1 accepted its first students, to convey their significance.

Figure 9-134 36605 Pacific Highway, Classrooms 1, 2, and 3, view south

Figure 9-135 36605 Pacific Highway, Classrooms 1, 2, and 3, view north

Classroom 4, Constructed in 1944

Classroom 4 is a single-story, side-gabled building facing northwest (Figures 9-136 through 9-137). The building is rectangular in plan, sits on a poured-concrete foundation, is clad in shiplap, and is topped by an asphalt shingle roof with decorative eaves. The building's facade features an off-center entry under a projecting portico with decorative eaves supported by turned wood posts. The entry is flanked to the south by two banks of four wood casement windows and to the north by one bank of four wood casement windows. Its southwest elevation includes wood and metal pedestrian doors and wood-casement windows, along with a wood deck accessed by wood stairs under the roof's deep, projecting eave with visible rafter tails. Its southeast elevation includes additional wood casement windows and a projecting shed roof canopy supported by square posts over an outdoor classroom space. Playground equipment, including a small, rectangular wood play shed, is located in fenced play areas around the building.

Integrity

From its period of construction (1944), Classroom 4 retains integrity of location, as it remains on its original parcel. It retains integrity of design, materials, and workmanship, as it remains relatively unaltered. A change of use associated with the site's redevelopment as a school in the 1950s has diminished its integrity of setting, feeling, and association. However, the school has gained historic significance in its own right, and the building retains sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School Campus Number 1 accepted its first students, to convey its significance.

Figure 9-136 36605 Pacific Highway, Classrooms 4, view south

Figure 9-137 36605 Pacific Highway, Classrooms 4, view west

Classroom 5, constructed in 1969

Classroom 5 is a rectangular, single-story, front-gabled building facing northwest (Figures 9-138 through 9-139). It is located south of the office (Classroom 4), to which it is connected by raised wood decks. The building sits on a poured-concrete foundation, is clad in shiplap, and topped by an asphalt shingle roof with deep, ornamental eaves. The building's facade includes a single metal pedestrian door and wood casement window. Wood shelves have been installed against the siding. The building's southwest evaluation includes wood casement windows; its southeast elevation is partially subterranean and includes a wood stair to a single metal pedestrian door under deep projecting eaves with visible rafter tails. The northeast elevation includes banks of wood casement windows and faces a chain link-enclosed play area.

Integrity

From its period of construction (1969), Classroom 5 retains integrity of location and setting, as it remains on its original parcel. It retains integrity of design, materials, workmanship, feeling, and association, as it remains relatively unchanged and continued to serve its original function.

Figure 9-138 36605 Pacific Highway, Classrooms 5, view east

Figure 9-139 36605 Pacific Highway, Classrooms 5, view southwest

Classrooms 6 and 7, constructed in 1943

Classrooms 6 and 7 are located in an L-shaped, single-story, cross-gabled building facing south (Figures 9-140 through 9-143). The building sits on a poured-concrete foundation, is clad in lapped wood siding, and topped by an asphalt shingle roof with minimal eaves. The building's facade includes a recessed porch with square porch posts. At the recessed entry is a wood pedestrian door and picture window to the east of a projection with a one-over-one, double-hung wood window. Concrete block planter boxes are located along the facade. Secondary elevations include wood-frame, one-over-one, and awning type windows and vertical siding in the gables. To the rear, the building has been expanded by a northern wing with tall, aluminum-frame windows on the east and north elevations. The west elevation faces a play area and includes pedestrian doors on both the primary building and the addition. A gabled portico is located over the entrance on the rear wing and attached via corrugated awning to the main building. The main building includes a recessed entry and small, vinyl-frame sliding windows.

West of Classrooms 6 and 7 is a plywood-sided garage with shed roof and a wood-sided well house. Dates of construction are unknown.

Integrity

From its period of construction (1943), the building containing Classrooms 6 and 7 retains integrity of location, as it remains on its original parcel. It does not retain integrity of design, materials, or workmanship, due to incompatible additions and alterations, including the addition of a rear wing and the use of aluminum- and vinyl-frame windows, alterations likely associated with its conversion to an educational use and associated maintenance. It does not retain integrity of setting, feeling, or association, due to a change of use associated with the site's redevelopment as a school in the 1950s (the site was previously used as a recreational area with fishing pond). However, the school has gained historic significance in its own right, and the building containing Classrooms 6 and 7 retains sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School Campus Number 1 accepted its first students, to convey its significance.

Figure 9-140 36605 Pacific Highway, Classrooms 6 and 7, view north

Figure 9-141 36605 Pacific Highway, Classrooms 6 and 7, view southeast

Figure 9-142 36605 Pacific Highway, Classrooms 6 and 7, Garage, view north

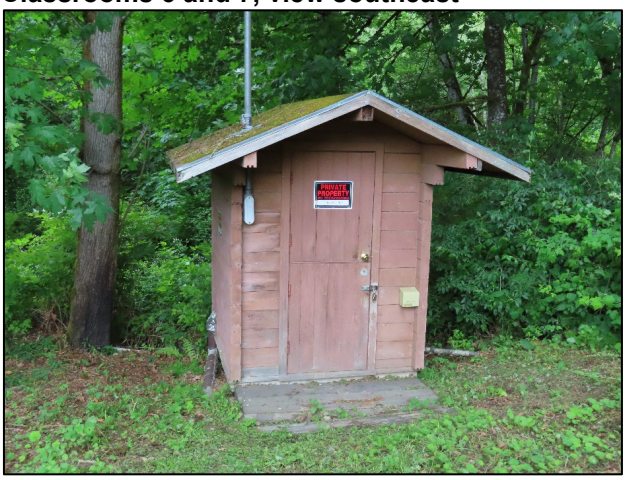

Figure 9-143 36605 Pacific Highway, Classrooms 6 and 7, Wellhouse, view west

Classrooms 8 and 9, constructed in 1974

Classrooms 8 and 9 are located in a rectangular building facing west (Figures 9-144 through 9-145). The building is one-story, with a hip-on-gable roof, and it is located to the east of Classrooms 6 and 7. It sits on a poured-concrete foundation, is clad in lapped wood siding with vertical battens around the windows, and is topped by an asphalt shingle roof. The building's facade includes a single metal pedestrian door with concrete stoop and pipe railings. A long bench has been installed south of the entry. The building's long north and south elevations include large aluminum-frame sliding windows and one remaining wood-frame window, suggesting the building originally was constructed with wood windows. The building's west elevation includes a second pedestrian entry with concrete stoop. It exits onto an asphalt play area with climbing equipment and basketball hoop.

Integrity

From its period of construction (1974), the building containing Classrooms 8 and 9 retains integrity of location, setting, feeling, and association, as it remains on its original parcel and continues to serve its original purpose. Incompatible window replacement has diminished its integrity of design, materials, and workmanship.

Figure 9-144 36605 Pacific Highway, Classrooms 8 and 9, view east

Figure 9-145 36605 Pacific Highway, Classrooms 8 and 9, view north

Residence, Constructed in 1942

The residence is located west of the classrooms and across a stream running north to south through the center of the parcel (Figures 9-146 through 9-148). A small lake is located west of the residence on this parcel. The residence is T-shaped in plan with a crossing wing on its north end. The building is a single story with a second-story addition on its south end. A review of historic aerials suggests both the north wing and the south second story addition may have been added between 1960 and 1990 (NETROnline 2023). The building sits on a poured-concrete foundation, is clad primarily in lapped wood siding with brick siding at porches, and is topped by a cross-gabled roof clad in asphalt shingles. The second-story addition is sided in T1-11 and supports a projecting plexiglass carport roof supported by metal posts on the building's south end. The building's facade faces east toward the stream and includes a recessed entry porch (another is located on the west elevation). The facade's porch roof is supported by turned posts. At the recessed entry, the facade includes a large wood-frame picture window and central entry. Other windows on the original mass are wood frame, deeply set, casement and fixed types. Some aluminum-frame sliding windows are located on primary and secondary elevations of the northern wing. Windows on the southern addition are vinyl frame. The south and rear elevations of the original mass include wood-frame windows in groups of threes and fours. Some are vertically divided casements. An exterior brick chimney is located in the recessed rear porch with a second large wood-frame picture window. Posts on the rear porch are square.

Integrity

From its period of construction (1942), the residential building retains integrity of location and setting, as it remains on its original parcel and continues to serve as a residence. The addition of a wing on its north end, as well as some incompatible window replacement and incompatible porch and carport details, likely associated with the location's reuse as the Spring Valley School Campus Number 1 in the 1950s, has diminished its integrity of design, materials, or workmanship. Also due to the redevelopment, it does not retain integrity of feeling and association from its period of construction. However, the school has gained historic significance in its own right, and the building retains sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School Campus Number 1 accepted its first students, to convey its significance.

Figure 9-146 36605 Pacific Highway, Residence, view west

Figure 9-147 36605 Pacific Highway, Residence, view northeast

Figure 9-148 36605 Pacific Highway, Residence, view southeast

Salmon-Rearing Building, Constructed ca. 1980

According to the King County Assessor, a small square building directly south of the residence was constructed in 1984 (King County Assessor 2023). This may be an error, as the building appears on historic aerials as early as 1980 (NETROnline 2023). It's not clear how the building is used but, based on its piping to Hylebos Creek and the large fish tank and systems on its exterior, HRA presumes that the building is devoted to the management of Spring Valley's salmon education program and is used to rear juvenile salmon for release in Hylebos Creek. The building is a single story, square in plan, and located along the bank of the parcel's stream (Figures 9-149 through 9-150). It sits on a poured-concrete foundation and is clad in lapped wood siding partially covered by sheets of T1-11. It includes two doors flanking a sliding wood-frame window on the west elevation. The north elevation includes an additional pedestrian door, a projecting storage cabinet, and a permanently installed fish tank with salmon fry. The south elevation also includes a wood-frame sliding window. The building is topped by a front-gabled, asphalt shingle roof with deep eaves and projecting peak supported by visible rafter tails.

Integrity

From its period of construction, presumed to be ca. 1980, the salmon-rearing building retains integrity of location, setting, feeling, and association, as it remains on its original parcel and continues to serve its original purpose. The addition of incompatible siding on its southwest corner has diminished its integrity of design, materials, and workmanship.

Figure 9-149 36605 Pacific Highway, natatorium, view east

Figure 9-150 36605 Pacific Highway, Natatorium, view southwest

Conference Room/Natatorium, Constructed ca. 1970

Survey identified one additional building on the parcel that was not documented in King County Assessor's records. A comparison of historic aerials suggests it may have been added ca. 1970 (NETROnline 2023). A review of historic-period King County Assessor's records at the Puget Sound Regional Archives identified this building as a natatorium (King County Assessor 1935–2024). The building is located north of the residence and includes a sign on its primary entry reading "Conference Room" (Figures 9-151 through 9-153). The building is a single story, is rectangular in plan, and faces south. It sits on a poured-concrete foundation, is clad in lapped wood siding, and is topped by a side-gabled roof covered in asphalt shingles. The building's facade includes an off-center entry with concrete stoop flanked to the west by

metal-frame fixed and sliding windows. The building's secondary east elevation includes four one-over-one windows, and the west elevation includes a central entry door flanked north and south by three-part metal windows. A temporary canopy covers a concrete patio on the west elevation. The long north elevation includes no fenestration.
A small T1-11 clad outbuilding on skids is located directly west of the conference room. A sign on its central entry door reads "Storage Room."

Integrity

From its period of construction, presumed to be ca. 1970, the resource retains integrity of location, setting, feeling, and association, as it remains on its original parcel and continues to serve the surrounding Spring Valley School Campus Number 1. Window replacement has diminished its integrity of design, materials, and workmanship. Additionally, the building appears in historic-period King County Assessor's records as a natatorium, although it is now identified as a conference room. The interior of the building was not accessible, and its current use could not be confirmed (King County Assessor's Records 1935–2024).

Figure 9-151 36605 Pacific Highway, Conference Room, view north

Figure 9-152 36605 Pacific Highway, Conference Room, view southeast

Figure 9-153 36605 Pacific Highway, Conference Room Storage, view northeast

Evaluation

The resources at 36605 Pacific Highway S are known as Spring Valley School Campus Number 1, a Montessori School, which moved to this location, a former farm and commercial fishing pond, in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (*Seattle Times* 1954). Justus held her first classes in a converted stable at this location in 1960. She and George lived in the residential property on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972) and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008).

Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (*Seattle Times* 1969, 1971). The course was offered evenings and weekends "…through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (*Seattle Times* 2023).

Spring Valley uses (and teaches) Montessori techniques based on an approach devised by Maria Montessori at the turn of the 20th century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in 1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori

methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, “the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses—sight, smell, touch, hearing and tasting” (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The campus, inclusive of its classrooms, residence, and additional built resources, along with its naturalized landscape, is significant on the local level for its associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). The Spring Valley School is significant as arguably the oldest private Montessori school still operating in the Northwest. Additionally, while not all resources retain integrity from their dates of construction, visible alterations are associated with the school and its use and do not detract from the resources’ significance under Criterion A.

Campus Number 1, inclusive of its classrooms, residence, and additional built resources, along with its naturalized landscape, is associated with persons with documented significance in a local context, including Madeleine and George Justus, the school’s founders and administrators throughout the last half of the 20th century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeleine Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school is closely associated with the productive lives of both George and Madeleine Justus, as documented in reports and newspaper articles (Caster 2008; *Seattle Times* 1966, 1969, 1970a).

Campus Number 1, inclusive of its classrooms, residence, and additional built resources, along with its naturalized landscape, retains distinctive characteristics of its particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. It does not represent the work of a master or possesses high artistic values,

but it does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could qualify as a historic district) (Criterion C).

Campus Number 1 was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on their significance under Criteria A, B, and C, HRA recommends that the Spring Valley School's Classroom 1 through 9, residence, salmon-rearing building, and conference room/natatorium are individually eligible for listing in the NRHP, primarily under Criteria A and B. Their period of significance dates from the school's founding in 1960 and runs through 2011, the year Madeleine Justus retired from teaching. While some alterations have diminished the buildings' integrity over time, they retain their character-defining features, such as plans, wood siding, wood windows, and decorative eaves, that convey their significance.

From its period of significance (1960 through 2011), the surrounding Spring Valley School retains an assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek; and continues to serve its primary purpose: to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. While buildings are individually eligible, they are best understood within their context as contributing resources to a potential historic district. Although alterations made on behalf of the school have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School Campus Number 1, bound by the current parcel boundary, is eligible for listing in the NRHP as a locally significant historic district under Criteria A, B, and C.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.4 36530A Pacific Highway S

Resources at 36530 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

According to the King County Assessor, there are two parcels addressed as 36530 Pacific Highway S (King County Assessor 2023). This one includes a number of buildings and structures associated with a horse-boarding stable known as K.C.J. Stables (Figures 9-152 and 9-153). The buildings are located at a distance from the roadway, are screened from view by mature trees, and are not publicly accessible. Research was conducted using publicly available data, but no survey was conducted. Both parcels are owned by the same family (identified as "Culliton" in county records) (King County Assessor 2023). For the sake of this evaluation, they are known as 36530A Pacific Highway S and 36530B Pacific Highway S. 36530B Pacific Highway S was assessed separately.

Research indicates that the parcel includes numerous buildings constructed in 1980 or earlier. These include a residence constructed in 1900, two sheds from 1925, a barn from 1938, a barn and stables from 1944, and a carport from 1977. Additional built resources may also be present (King County Assessor 2023). Phases of development are evident in a comparison of historic aerial imagery (NETROnline 2023).

Integrity

From its period of construction (1900 to 1978), the residence and associated barns and sheds at 36530A Pacific Highway S may retain integrity of location, although waves of construction and alteration likely diminished their integrity of setting, design, materials, workmanship, and feeling. Integrity cannot be fully assessed from publicly available data.

Evaluation

The parcel addressed as 36530A Pacific Highway S includes buildings and structures that date to 1900, according to the King County Assessor. In 1907, maps show the location as part of a larger land holding owned by John P. Gale (Anderson Map Co. 1907). Additional research would be required to confirm his identity, but local newspapers describe a John P. Gale who was an early gold miner in California, a blacksmith in Oregon, and a resident of Tacoma before his death in 1907. In later life, according to the *Tacoma Daily Ledger*, "… he became the owner of a 200-acre farm near the Indian School" (*Tacoma Daily Ledger* 1907).

Figure 9-154 36530A Pacific Highway S, courtesy of the King County Assessor

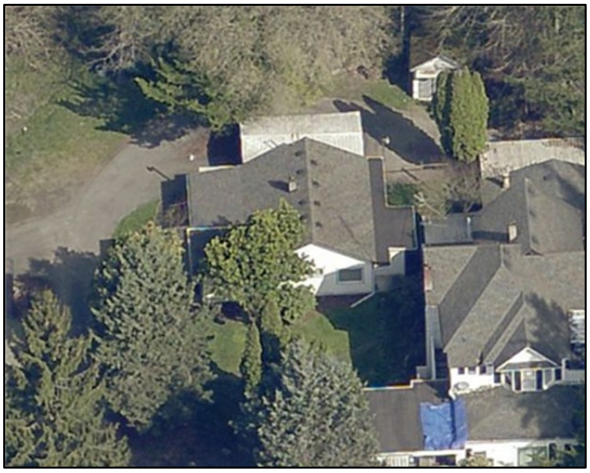

Figure 9-155 Aerial of 36530A Pacific Highway S, courtesy of the King County Assessor

While it is not clear from available data that the parcel has always been used to board horses, historic aerial photos show the parcel has been a relatively remote, undeveloped parcel with a series of outbuildings since at least 1936 (NETROnline 2023).

Based on the age of extant resources, the historically rural nature of the property, as indicated by local histories, maps, and aerials, and the history of agricultural development in King County, one or more buildings or structures at this location may hold important associations with events that made a significant contribution to the broad patterns of local, state, or national history, likely in the area of agriculture (Criterion A). Although additional research is required, it is also possible that extant resources are associated with a person possessing documented significance within a local context, namely John P. Gale (Criterion B). From King County

Assessor's photos and aerials, the primary building at this location appears to be an early farmhouse that has been greatly expanded. Additional onsite research would be required to confirm whether the building, along with barns and other outbuildings, possess the distinctive characteristics of a particular type, period, or method of construction; represent the work of a master; possess high artistic values, represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, additional research would be required to determine whether the resources could answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources and without confirming integrity through on-site survey, HRA recommends 36530 Pacific Highway S be presumed eligible for listing in the NRHP under a combination of Criteria A and B, pending survey and inventory. The period of significance for the resource is presumed to date to 1900, and the boundary of the eligible resources is presumed to be the current and historic tax parcel boundary.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.5 36606 Pacific Highway S

Resources at 36606 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

According to the King County Assessor, the parcel addressed as 36606 Pacific Highway S includes two buildings constructed in 1947, a primary residence and a guest house (Figures 9-156 through 9-159). Additional outbuildings are located on the parcel, including a garage for recreational vehicles, a barn, and a storage structure for equipment, although their dates of construction are not documented (King County Assessor 2023). A review of historical aerials indicates that the footprint of the primary residence and an outbuilding, likely the guest house, remain as constructed, although outbuildings to the rear of the parcel were greatly expanded between 1980 and 1990 (NETROnline 2023)

The built resources on this parcel are not accessible or visible from the public right-of-way. Research was conducted using publicly available data, but no survey was conducted. Archival research indicates the primary residence is a V-shaped, single-story, side-gabled house with two wings, projecting gables, an arcaded entry along the bedroom wing, brick siding, and a walkway through fenced pasture to a large round pond with dock to the west of the residence. East of the primary building is a small, single-story, side-gabled building with a projecting portico, likely the guest house.

Figure 9-156 Undated Photo of 36606 Pacific Highway S, courtesy of the King County Assessor

Figure 9-157 36606 Pacific Highway S, courtesy of Redfin.com

Figure 9-158 36606 Pacific Highway S, courtesy of Redfin.com

Figure 9-159 36606 Pacific Highway S, courtesy of Redfin.com

Integrity

From its period of construction (1947), the residence, guest house, and associated outbuildings at 36606 Pacific Highway S may retain integrity of location, setting, feeling, and association. It is unclear whether additions to the outbuildings and renovations may have diminished the integrity of the buildings' design, materials, and workmanship. Integrity cannot be fully assessed from publicly available data.

Evaluation

According to the King County Assessor, the parcel addressed as 36606 Pacific Highway S was owned by Leonard and Linda Badgley as late as 1992 (King County Assessor 2023). The Badgley family appears at this address in birth notices from both 1975 and 1978 (*Seattle Times* 1975a, 1978). The property was last acquired by new owners in 2018 (King County Assessor 2023). It serves as a single-family residence.

In 1907, maps show the location as part of a larger land holding owned by John P. Gale (Anderson Map Co. 1907). By 1936, the parcel was part of a larger land holding owned by the Carstens Packing Company, which appears without significant detail in the *Seattle Times* through the early 1940s (Metsker 1936).

Research revealed little about their previous owners or occupants of the 1947 residence. The buildings do not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). From King County Assessor's photos, the buildings appear to be part of a large residential property, possibly associated with former agricultural use. Without on-site survey, it is not possible to establish whether the buildings possess the distinctive characteristics of a particular type, period, or method of construction; represent the work of a master; possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). However, desktop research suggests that the buildings have been heavily altered, particularly on the interiors, due to waves of updates and renovations (Redfin 2023). Finally, the buildings were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources and without confirming integrity through onsite survey, HRA, recommends 36606 Pacific Highway S be presumed eligible at the local level for listing in the NRHP under Criterion C, pending survey and inventory. The period of significance is presumed to date to construction in 1947, and the boundary of the eligible resource is presumed to be the current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.6 36903 Pacific Highway S

Resources at 36903 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed eligible for the National Register for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

According to the King County Assessor, the parcel addressed as 36903 Pacific Highway S includes a one-and-a-half story bungalow constructed in 1921 (King County Assessor 2023) (Figures 9-160 and 9-161). The building is heavily screened and is not visible from the roadway. Research was conducted using publicly available data, but no survey was conducted. A review of historic aerials indicates that the building retains its original footprint (NETROnline 2023).

Undated photos from the King County Assessor indicate the building is a modest Craftsman style bungalow with one-over-one, wood-frame windows, a projecting porch, and a carport added to the south (King County Assessor 2023).

Figure 9-160 36903 Pacific Highway S, Undated, courtesy of the King County Assessor

Figure 9-161 36903 Pacific Highway S, Undated, courtesy of the Redfin.com

Integrity

From its period of construction (1921), the residence at 36903 Pacific Highway S retains integrity of location and setting. It is not clear whether the building retains integrity of design, materials, workmanship, feeling, or association. Integrity cannot be fully assessed from publicly available data.

Evaluation

According to the King County Assessor, the residence at 36903 Pacific Highway S was owned by Thelma Marie Dahlen in 1992, when it was acquired by the Clark family, and then by the Reynolds family in 2017. It is currently held in trust (King County Assessor 2023).

Research revealed little about the previous owners or occupants of the 1921 residence. However, a woman from Tacoma named Thelma Dahlen appeared in newspaper articles for her winning performance on intelligence tests as a student in 1919 and for passing her nursing exam in 1927 (*Tacoma Daily Ledger* 1927; *Tacoma News Tribune* 1919). She is identified as the resident of 36903 Pacific Highway S in 1950 assessor's records (King County Assessor 1935–2024). She is likely the same person who owned the residence in 1992.

The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research could not confirm any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). From King County Assessor’s photos, the building appears to have been constructed as a modest Craftsman bungalow with modest footprint and typical features, including a projecting porch and wood windows. Without on-site survey, it is not possible to establish whether the building possesses the distinctive characteristics of a particular type, period, or method of construction; represents the work of a master; possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources, HRA recommends 36903 Pacific Highway S be presumed eligible for listing in the NRHP under Criterion C, pending survey and inventory. The period of significance for the resource is presumed to date to its construction in 1921, and the boundary of the eligible resource is presumed to be the boundaries of the current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.7 37600 Pacific Highway S

The Gethsemane Catholic Cemetery, located on two parcels addressed as 37600 Pacific Highway S, was developed in the early 1970s but was not dedicated by the Archbishop of Seattle until 1975 (Archdiocese of Seattle 2018). The cemetery is a designed landscape (WISAARD ID 537584) with functionally related units including one mortuary with three mausoleum buildings (WISAARD ID 725425). A 2010 study of the cemetery estimated approximately 8,000 burials within the cemetery (Sundberg 2010).

Gethsemane Catholic Cemetery Landscape

Entering the cemetery from Pacific Highway S, the cemetery's main roadway passes through the main entrance gate, characterized by a concrete wall with metal gates and a low sign reading "Gethsemane Catholic Cemetery." The remainder of the property fence lining Pacific Highway is chain-link. The main roadway is one lane in each direction, with a wide median featuring evenly spaced lighting and paired trees. The main roadway leads to a roundabout accessing the centrally located mortuary and surrounding cemetery grounds. Three mausoleums are located to the northeast. A maintenance loop encircles the mortuary. Parking is located northwest of the mortuary and along a widened portion of the main cemetery road. The mortuary is surrounded by flowering shrubs and deciduous trees, with evergreens at its corners. A maintenance yard is adjacent to the mortuary on its south elevation and is separated from the burial spaces by a chain link-fence lined with mature shrubs. There are five burial lawns on the property, with the main cemetery lawn being north of the mortuary building. It features a walking path (ca. 2000), an offshoot of the main roadway leading north, and a combination of ground-level and vertical grave markers. The burial lawn west of the mortuary features ground-level markers, a niche wall built into a hill, and a higher density of deciduous and evergreen trees than any of the other burial lawns. The burial lawn south of the mortuary features ground-level grave markers with deciduous trees near the mortuary and mausoleums. The small burial lawn east of the mortuary and directly south of the mausoleums features a straight, paved path with vertical grave markers, while the final small lawn west of the mausoleums (northeast of the mortuary) features a winding path with a central statue of Jesus Christ and a combination of ground-level and vertical grave markers.

The northern parcel, also owned by the cemetery, and the eastern end of the main parcel remain undeveloped. A manmade berm, built during the initial earth moving and site preparation phase of construction, separate the Gethsemane Catholic Cemetery from the undeveloped eastern part of the property and the adjacent St. George's Indian Mission School Cemetery property.

Figure 9-162 37600 Pacific Highway S, view southwest

Figure 9-163 37600 Pacific Highway S, view south

Integrity

From its period of construction (1974), the Gethsemane Catholic Cemetery at 37600 Pacific Highway S retains integrity of location, setting, and association. Alterations have detracted from the cemetery's integrity of design, materials, workmanship, and feeling. A previously prepared historic property inventory (HPI) form noted "the property has been expanded twice, adding ten acres to the north in 1986 and 0.75 acre to the south in 2003. Starting in the 1980s in response to customer requests, vertical grave markers were allowed in the previously undeveloped western (front) section of the property. Niche walls are a more recent accommodation of changing funerary preferences" (Sundberg 2010). The cemetery retains its "views of Mt. Rainier and nearby greenery in the Hylebos Creek natural area" and its "pronounced park-like and open scenic character, complemented by its modern buildings and not quite mature interior" (Sundberg 2010).

Gethsemane Catholic Mortuary and Mausoleums

The one-story mortuary building, generally rectangular, sits on a poured-concrete foundation and is clad in brick and precast concrete panels with a cross-gabled asphalt roof. The chapel is located in the northern portion of the building under the crossing gable and features window walls on the east and west elevations. The main entrance to the building consists of a set of double doors on the east side of the chapel. A secondary, metal-framed door is located on the west side of the chapel. The north end of the building includes a large porte cochere for funerary uses. The southern portion of the building contains offices with five bays of metal-framed ribbon windows.

The functionally related mausoleums are located approximately 250 feet northeast of the mortuary. The three buildings are situated around a small lawn with burials, a paved walking path lined with niche walls topped by wood pergolas, and a central religious statue of Jesus Christ. The three rectangular mausoleums are identical in design and constructed of pre-cast concrete with a scored exterior. They sit on poured concrete foundations and are topped by flat, built-up roofs.

Figure 9-164 37600 Pacific Highway S, view northeast

Figure 9-165 37600 Pacific Highway S, view southwest

Evaluation

Cemeteries are generally not considered eligible for listing in the National Register of Historic Places (NRHP) unless they derive their primary significance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events (NRHP Criteria A, B, or C) (NPS 1997:25). The Gethsemane Catholic Cemetery at 37600 Pacific Highway S is a designed landscape (site) with functionally related units (mortuary and mausoleum buildings) evaluated separately.

The cemetery was developed in the early 1970s and dedicated in 1975. The parcels containing the Gethsemane Catholic Cemetery were once part of the St. George's Industrial School (King County Tax Assessor 2020). Colloquially known as St. George's Indian School (also St. George's Indian Mission School and the St. George Boarding School for Indians), the school was established in 1888 by Reverend Peter Hylebos with funding from Mother Katharine Drexel, daughter of wealthy banker Francis A. Drexel (Seattle Times 1974; Seattle Times 1934). Initially the school was also receiving government funding. However, there was another boarding school on the Puyallup Reservation built a few months before St. George's that competed for the same government funding. Government assistance for St. George's Indian School was cut in 1891, as the government claimed the school on the Puyallup Reservation was adequate. St. George's continued to operate with the help of donations and funding from various congregations in the area (Castor 2009:18).

Shortly after the school was opened, the St. George's Indian Mission School Cemetery was established on school grounds. It was located on a separate parcel and a few hundred feet away from today's Gethsemane Catholic Cemetery. Two of the school's early teachers were buried in this cemetery, and later Native Americans, nuns, and pioneers would also be buried here. It is estimated approximately 250 burials were within the cemetery. Few of the graves remain, as most were "moved to [Cavalry Cemetery in] Tacoma Cemetery many years ago [and] vandals have heavily damaged those that remain" (Castor 2009:16-22).

St. George's Indian School was open to any Native American child and took in children from all over the Pacific Northwest and Alaska. While some children were orphans and stayed at the school year-round, most children went home during the summer months (Seattle Times 1934). Industrial training and religious instruction were emphasized at the school. The girls were trained in domestic science through completing the housework and cleaning at the school, while the boys helped clear the land, build new buildings, roads, and bridges and later helped with the small farm (Castor 2009:17). The school kept cows and turkeys and grew alfalfa and rye to feed

the livestock. By 1934, about 3,000 Native American children had graduated from the school (Seattle Times 1934). The school closed in 1936 due to a lack of funding during the Great Depression (Castor 2009:20).

The St. George's Indian Mission School land was deeded to the Catholic Archdiocese of Seattle by the Bureau of Catholic Indian Missions in 1952 (Seattle Times 1975). The Archbishop of Seattle submitted a permit for a new cemetery on the property in 1970, with the main entrance on Pacific Highway South (Seattle Times 1970b). The initial plans for the cemetery were developed by architects Maloney, Herrington, Freesz, and Lund, who had also designed the Holyrood Cemetery in Shoreline. The firm was established in 1963, when prominent Seattle architect John Maloney took on additional partners. However, Maloney retired in 1970, and Lund retired in 1973. It is unclear when Freesz and Herrington retired, but the firm's name changed in 1980 to Mills, John & Rigdon (DAHP 2021c; Seattle Times 1994). As the Gethsemane Catholic Cemetery was designed during a period of transition for the firm, it's unclear which of the partners was responsible for its design.

Due to the Shoreline Management Act, which passed the Washington State Legislature in 1971 in order "to prevent the inherent harm in an uncoordinated and piecemeal development of the state's shorelines," the design of Gethsemane Catholic Cemetery was focused west of Hylebos Creek and its adjacent wetlands (Boswell and Rinck 2017:34; Ecology 2021). The single building associated with the school was demolished in 1971 in preparation for the new cemetery construction (Seattle Times 1974). The construction contract was awarded to F.S. Jones Construction, who began construction in 1972. Due to "construction delays, labor strikes, and additional environmental issues and permitting requirements" construction took over 2 years (Boswell and Rinck 2017:34). By 1974, the cemetery office (mortuary) was constructed, and by 1980, the three mausoleum buildings were constructed (NETROnline 2021; Seattle Times 1974). The mausoleum buildings were constructed directly north of where the St. George's Indian Mission School was once located (NETROnline 2021).

The cemetery was not established without controversy. In 1974, a group of Native Americans associated with the Indian Group Home Coalition broke one of the glass doors of the mortuary and held a 4.5-hour sit-in at the cemetery office protesting the use of the property as a Catholic cemetery. They claimed, "this land was originally purchased…to educate Indian children…[and] the current and future plans for this property are a misappropriation of the original donors' intent" (Seattle Times 1974). The U.S. District Court found the group of protestors not guilty of trespassing, ruling that they had access rights to the cemetery (Seattle Times 1975b). In 1983, the Archdiocese of Seattle deeded 17 acres containing what was presumed to be the St. George's Indian Mission School Cemetery to the Puyallup Tribe (King County Tax Assessor 2020). Similar protests took place across the country, as Native American groups fought against the redevelopment of land that was once theirs or dedicated for their use (Seattle Times 1975c).

The construction of the Gethsemane Catholic Cemetery ultimately led to the return of some land and remaining graves to the Puyallup Tribe for stewardship. Therefore, this resource is significant for its associations with an event that made a significant contribution to the broad patterns of our history (Criterion A). Background research did not suggest that the Gethsemane Catholic Cemetery held a strong association with the lives of significant persons or includes the graves of persons of transcendent importance (Criterion B). The overall cemetery design is simple, with a central building encircled by drives and lawns with burials laid in rows. The cemetery is classified as a memorial park cemetery design, which was a common design approach in the mid-20th century. The memorial park style grew out of the "rural" cemetery movement of the late 19th century and focused on the natural beauty of a site. Memorial parks often prioritized easy maintenance and kept grave markers flush with the ground without

plot-defining barriers, which allowed for easy lawn care (NPS 1992:5). The Gethsemane Catholic Cemetery was originally designed to include several aspects of the memorial park style, including the attention to nature, ground-level grave markers, and curved paths. The cemetery, as a potential historic landscape, was surveyed in 2010, and the resulting HPI noted “the Gethsemane Catholic Cemetery is a relatively intact, good example of a smaller memorial park. Although vertical monuments have been allowed in the western area for the past 25 years, the curving drives, continuous lawns, open views and predominance of ground-level grave markers is consistent with the market-driven evolution of all of the memorial park cemeteries in the county" (Sundberg 2010). While the Gethsemane Catholic Cemetery does embody some of the distinctive features of its type, period, and method of construction, it is not known to be the work of a master; does not possess high artistic values; and does not represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, based on its period of construction, the cemetery is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates, Inc. recommends that Gethsemane Catholic Cemetery is eligible for listing in the NRHP as a designed landscape (site) with functionally related units (Mortuary and Mausoleums), under Criteria A and C, as the location of a relatively peaceful protest that resulted in the return of culturally significant land to the Puyallup Tribe, as well as a relatively intact example of a smaller mid-20th century memorial park. The boundaries for the eligible resource match the parcel boundaries, which include the designed cemetery, its functionally related mortuary and mausoleums, and the undeveloped creek area on the eastern edge, which was intentionally left natural. The period of significance dates from the construction of Gethsemane Catholic Cemetery (1974).

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.8 7909 Pacific Highway E

According to the Pierce County Assessor, the Daffodil Motel, a complex of three buildings around an internal courtyard at 7909 Pacific Highway E, was constructed in 1942 (Pierce County Assessor 2023). However, this appears to be in error, as a review of aerial photographs shows that the site was undeveloped as late as 1945 (Pierce County 2023). The motel does appear in historic aerials in 1955 and was likely constructed soon after the end of World War II (ca. 1948) (NETROnline 2023) (Figures 9-166 through 9-168).

The motel comprises three buildings in a U-shaped pattern facing east toward Pacific Highway E. The buildings are generally rectangular, although the north and south buildings flare slightly to open up to the highway. All three are one-story tall and ring a paved parking lot. Small lawns are located between the motel and the highway, and a large neon sign is located on the edge of the highway. The sign is double-sided and is made up of a blade sign beside a figurative daffodil topped by a cloud-like form. The sign reads “Daffodil Motel.” An attached marquis vacancy sign reads “Special/Always Free/Movies/New Releases/922-7000” and includes an arrow. The sign has been partially dismantled and is missing pieces of its arrow and its flower stem. It is not clear that it is still functional, although online photographs of the illuminated sign date to as late as 2013.

The buildings sit on concrete-block foundations, are clad in lapped wood boards, and are topped primarily by shallow side-gabled roofs with asphalt shingles. Gables include diagonal

lapped boards. Windows are aluminum frame. Each building includes individual rooms with shallow concrete stairs, some of which are flanked by brick planter boxes. Entry doors are flanked on one side by three-part windows.

The motel office, located on the motel's southeast corner, includes a projecting gable over a narrow brick porch at the entrance. The office includes a row of windows along its east and north elevations. Windows are aluminum-frame, consisting of a fixed light over sliders. The office's east-facing elevation includes a recessed secondary entry under a projecting gable next to fixed lights with sliders above. The office porch may have originally wrapped this corner.

Figure 9-166 7909 Pacific Highway E, view northwest

Figure 9-167 7909 Pacific Highway E, view northwest

Figure 9-168 7909 Pacific Highway E, view west

Integrity

From its period of construction (ca. 1948), the Daffodil Motel at 7909 Pacific Highway E retains integrity of location and setting, as it remains on its original parcel. Minor alterations to the office on the complex's southeast corner do not diminish the motel's integrity of design, materials, workmanship, feeling, and association. The motel's neon sign, its most distinctive feature, has deteriorated and no longer fully functions. With repair, it would also retain integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Daffodil Motel at 7909 Pacific Highway E was constructed ca. 1948 and has continued to serve as a roadside motel for travelers along the Pacific Highway since that time. It is one of a relatively few resources that retains its original use, its original footprint, and enough evidence of its original function and relationship to Pacific Highway to express its significance as a roadside motel. A review of historic resources, including the Tacoma-Pierce County Building Index, did not reveal additional information regarding the motel's construction, although numerous articles in the *Seattle Times* described criminal activity at the motel, particularly in the early 2000s (Tacoma Public Library 2023).

The building is one of many roadside commercial enterprises constructed in this area in the 1940s. Like nearby recreational vehicle parks and commercial operations, it was likely designed to attract motorists traveling the highway between Tacoma and Seattle. While it does appear to be associated with transportation history, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The motel buildings are modest in character but paired with an eye-catching neon sign designed to appeal to roadside travelers, particularly those traveling in the dark. The motel rooms are modest, as are the grounds, but are clad in natural materials and have retained their aluminum-frame windows, an increasingly rare remnant of mid-20th-century design. The motel does possess the distinctive features of a roadside motel of the mid-20th century. It is not known to represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the buildings were built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its architectural significance as a relatively intact roadside motel, HRA recommends 7909 Pacific Highway E eligible for listing in the NRHP at the local level under Criterion C. The building's significance dates to its construction ca. 1948, and the boundary of the eligible resource matches the boundary of the current parcel.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.9 7700 Pacific Highway E

According to the Pierce County Assessor, the commercial showroom at 7700 Pacific Highway E was constructed in 1978 (Pierce County Assessor 2023). According to historic aerials, the large storage warehouse located southwest of the showroom was added between 1985 and 1995. Due to its young age, it was not recorded (Pierce County Assessor 2023). The showroom, built into a sloping grade and surrounded by paved parking, is a single-story tall, is rectangular in plan, and faces east toward I-5. It is used by Union Marine as a showroom for watercraft (Figures 9-169 and 9-170). It sits on a poured-concrete foundation, is clad in cement board, and is topped by a flat built-up roof with minimal eaves and visible beam ends on the facade.

The building's facade faces east, with a tall band of wood-frame windows providing views into the showroom. A wood deck wraps the facade and its corners. An open stair leads down to

grade at the northeast corner. A glazed pedestrian door is located west of the windows on the building's north elevation. Another glazed door under an awning that reads "sales entrance" is located west of the windows on the south elevation. Both the north and south elevations include overhead garage doors, partially glazed, and large square, vinyl-frame windows. The building's rear (west) elevation retains some square wood-frame windows.

Integrity

From its period of construction (1978), the showroom at 7700 Pacific Highway E retains integrity of location, setting, feeling, and association, as it remains on its original parcel, with expanded storage for watercraft and a large, glass-enclosed showroom at the east elevation, visible from I-5 but not from Pacific Highway. The building's integrity of design, materials, and workmanship have been diminished, as windows and siding have been replaced on secondary side elevations. While window and siding replacements are visible, they do not detract from significant views of the building's showroom.

Figure 9-169 7700 Pacific Highway E, view southeast

Figure 9-170 7700 Pacific Highway E, view south

Evaluation

The showroom at 7700 Pacific Highway E is used by Union Marine, family owned since 1986, with retail locations throughout the Puget Sound region (Union Marine 2023). This location was acquired by Boatlaunch Enterprises II, LLC in 2001 (Pierce County Assessor 2023). It was previously associated with other vehicle distributors including Tveten Motor Company in 1981, which had a location in Tacoma from the 1930s to the 1970s (*Seattle Times* 1938, 1981).

While the building is associated with commercial activity in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in plan, a rectangular warehouse with replacement materials on side elevations. However, one distinct feature remains, a wall of wood-frame windows that provides a view of the interior of the showroom from I-5, an element of roadside architecture designed to capture the attention of passing motorists. Such views were designed to use light and optimum visibility to create interest as a form of roadside advertising. As such, the building is a significant example of showroom design. The building once housed airstreams for Tveten Motor Company,

as indicated by ads in the *Seattle Times* and is now associated with the sale of recreational watercraft. The building does possess the distinctive features of a roadside showroom from the late 20th century. It does not represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its architectural character and in spite of some integrity loss, HRA recommends 7700 Pacific Highway E eligible for listing in the NRHP at the local level under Criterion C as an example of roadside architecture. The building's significance dates to its construction in 1978, and the boundaries of the eligible resources are limited to the building's footprint, as the surrounding parcel has been altered by changes in use.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.10 1309 62nd Avenue E, Fife

According to the Pierce County Assessor, the single-family residence at 1309 62nd Avenue E was constructed in 1900, which may be in error, as the building appears to date from the 1910s or 1920s when elements of the Craftsman style had become popular (Figures 9-171 through 9-173) (Pierce County Assessor 2019). It was likely constructed, or perhaps remodeled, in 1925, according to information provided by the Pierce County Assessor for the associated garage (Pierce County 2020). The residence faces west toward 62nd Avenue E. It is an example of a modest, two-story farmhouse, vernacular in character with a Craftsman-style plan, rectangular with a front-facing gable with knee braces. The building has recently been placed on a new concrete block foundation. It is clad in shiplap siding and is topped by a shingle roof, although many of the shingles have fallen off. The facade features an off-center entry consisting of a stoop under a gabled projection with knee braces. The entry door is paired with flanking sidelights. South of the entry is a large picture window. The second floor includes paired wood-framed, one-over-one windows in the gable, flanked by a pair of small, square windows. The gables include deep eaves and knee braces. The secondary north and south elevations include boarded-up windows on the lower floor and central dormers with wood-framed windows in the upper floors.

A second building, a wood-framed, wood-clad garage dating from 1925, according to the Pierce County Assessor, is located to the rear (east) of the residence but is not clearly visible from the public right-of-way.

Integrity

From its period of construction (ca. 1900), the residence at 1309 62nd Avenue E retains integrity of location, setting, design, materials, and workmanship, in spite of foundation replacement. The building retains its historic massing, windows, and ornamental detail. The building's vacancy has diminished its integrity of feeling and association.

Figure 9-171 1309 62nd Avenue E, view east

Figure 9-172 1309 62nd Avenue E, with Garage to the East, view southeast

Figure 9-173 1309 62nd Avenue E, Outbuilding/Garage, view southeast

Evaluation

According to the Pierce County Assessor, the residence at 1309 62nd Avenue E is owned by Noboru Yamasaki. Yamasaki died in 2005, according to online newspaper archives, and the residence is most likely owned by his descendants. Yamasaki was born in 1924 and raised in Puyallup and Fife. Based on his date of birth, he appears to be the same Noburo Yamasaki who was a Washington-born high school student living on Terry Jackson Road in Gardenville (an earlier name for Fife) in 1942 when he and his family, including his parents Kumazo and Mitsuko Yamasaki, were directed to assemble in Puyallup and then were interned during World War II (Ancestry 2005). According to records held by the National Archives and made accessible via Ancestry.com, Yamasaki's family was interned at Minidoka in Idaho from 1942 to 1945 (Ancestry2013). While the history of Yamasaki family is significant, it is not clear whether the residence at 1309 62nd Avenue E is itself associated with events, like World War II, that made a significant contribution to the broad patterns of local, state, or national history. However, it is significant for its association with early 20th-century development in Fife (Criterion A). Preliminary research suggests that the building was owned by a significant family interned during World War II. Noboru Yamasaki lived through this period of history and returned to Fife in the later years of his life. The residence may be eligible under Criterion B for its association with the lives of significant persons (Criterion B). Furthermore, the building retains much of its historic character, including its original plan, siding, window openings, rooflines, and ornament, including brackets and eaves associated with the Craftsman style. The building, along with its

associated garage and lands within the parcel boundary, qualify as architecturally significant (Criterion C). The building does embody the distinctive characteristics of its type, period, and method of construction, but is not known to represent the work of a master; possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). The home was built of common construction methods and materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on background research and a review of local histories, historic maps and aerials, and government records, Sound Transit recommends the residence at 1309 62nd Avenue E eligible for listing in the NRHP under Criteria A, B, and C, as a representative example of a Craftsman-inspired farmhouse associated with broad patterns of history, including farming in Fife (Gardenville) and possibly the internment of Japanese Americans during World War II, as well as for its association with significant people, including the Yamasaki family. The building's period of significance dates to ca. 1925, its presumed date of construction. The recommended boundary for the eligible property is the parcel boundary, which includes the surrounding landscape and detached garage.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.11 4306 Pacific Highway E, Fife

According to the Pierce County Assessor, the one-part commercial block known as the Pick-Quick Drive In, located at 4306 Pacific Highway E, was constructed in 1949 (Figures 9-174 and 9-175) (Pierce County Assessor 2019). The small, irregular, single-story building faces north toward Pacific Highway E. It sits on a poured-concrete foundation, is of masonry construction with a parged surface and rounded corners and is topped by a flat roof that includes a drive-thru bay at the north end. The drive-thru roof is supported by two concrete posts. The building is surrounded by paved parking, except to the southwest, where a grassy lawn is spread with picnic tables. The building's two pedestrian entry doors are located on its east elevation, but the building's facade is its north-facing, drive-thru bay, where pedestrians now come to order while standing on a shallow concrete curb in front of a central, aluminum-framed, sliding window with service counter. The central window is flanked north and south by additional square windows, providing a ribbon that wraps the building's northeast and northwest corners. The building's eaves include neon signage reading "hot dogs" and "hamburgers," but the building's most visible feature is the neon sign above the drive-thru bay, which includes, from top down, a yellow arrow reading "ice cream," a red circle reading "burgers," and a series of stacked red and black signs reading "drive in," "Pick-Quick," and "better burgers," all in metal with neon embellishment. With its eye-catching signage, typical of its period and designed to capture roadside attention from drivers moving at speed on Pacific Highway, the Pick-Quick Drive In is a good example of the kind of roadside architecture that developed in response to America's growing car culture in the early and mid-20th century.

Figure 9-174 4306 Pacific Highway E, view southwest

Figure 9-175 4306 Pacific Highway E, view southeast

Integrity

From its period of construction (1949), the roadside restaurant at 4306 Pacific Highway E retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it appears to be relatively intact and continues to serve its original function.

Evaluation

The Pick-Quick Drive In was constructed in 1949 for Jay Adolph and Henriette Olsen, who served burgers, fries, and milkshakes from this location. Although the restaurant has changed hands many times, it is now, according to the company's website, owned by the Burgi family. Betty Burgi worked for the Olsens in 1952. In 2010, the business began to expand, opening locations in Auburn and Seattle (Pick-Quick 2020). The building is closely associated with the growing popularity of personal automobiles and the development of roadside amenities along the increasingly popular Pacific Highway during the mid-20th century (Criterion A). Preliminary research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a good example of mid-20th-century roadside architecture. Although it is not distinctive enough to qualify as an example of the futuristic "googie" style, it features extensive use of neon and employs a distinctive architectural plan, the drive-thru restaurant plan, to minimize its footprint while maximizing commerce (Criterion C). The building does embody the distinctive characteristics of its type, period, and method of construction; although it does not represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and integrity, Sound Transit recommends that Pick-Quick Drive In, the roadside restaurant at 4306 Pacific Highway E, is eligible for listing in the NRHP under Criterion A for its associations with mid-century-development trends, and under Criterion C as an example of roadside architecture. The building's period of significance dates to its construction in 1949. Though surveyed from the public right-of-way, Sound Transit assumes the boundary for the eligible property is the historically plotted and current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.12 Northern Pacific Railway/BNSF

On the west bank of the Puyallup River, the tracks of the former Northern Pacific Railway approach the APE from the south, glide under I-5, and head northwest toward railyards at the Port of Tacoma, north of the APE (Figures 9-176 and 9-177). Today, this route is identified as the Burlington Northern Santa Fe Railway (BNSF) on contemporary maps, but when constructed in the 1870s, it was associated with the Northern Pacific Railway, which chose Tacoma as the western terminus of the nation's second transcontinental railroad in 1873. In 1970, the Northern Pacific was merged with the Great Northern Railway; the Chicago, Burlington & Quincy; the Spokane, Portland, and Seattle; and the Pacific Coast Railroad to form the BNSF predecessor, the Burlington Northern. Since then, the BNSF has grown to include 390 predecessor railroads and cover 32,500 rail miles through the United States, Canada, and into Mexico (BNSF n.d.). Within the APE, the tracks that approach the former Northern Pacific Railyards and destinations north and south follow the original route of the Northern Pacific, although additional tracks have been added, and the original materials likely modified and replaced over time. Within the APE, the rail lines consist of as many as six branching tracks heading northwest. Tracks are constructed on a bed of gravel ballast and consist of wood ties and steel rails.

Figure 9-176 BNSF Rail from I-5, West Bank of the Puyallup River, view north

Figure 9-177 BNSF Rail and Bridge from I-5, West Bank of the Puyallup River, view south

Integrity

From its period of construction (ca. 1873), what remains of the former Northern Pacific Railway within the APE (limited to a small section of railbed) does retain integrity of location, as the corridor, with remaining rails, ties, and ballast, continues to run alongside the Puyallup River, through an industrial section of Tacoma, and toward railyards at the Port of Tacoma, outside the APE. The loss of associated resources like former warehouses, roundhouses, switching equipment, and former trestles, as well as the construction of new depots, river and rail crossings, including I-5, and infrastructure associated with subsequent users like the BNSF Railway, have diminished the railbed's integrity of setting, design, materials, and workmanship. The railbed retains integrity of feeling and association, as it remains part of a working rail network, although it is no longer associated with the Northern Pacific Railway.

Evaluation

In 1864, Congress chartered a new company to build a transcontinental railroad to the Puget Sound, granting 60 million checkerboard acres from Minnesota to Washington. In spite of these grants, the Northern Pacific was slow to attract investment. By 1869, a rival railroad, the Union Pacific, completed the nation's first transcontinental route over the Sierras to California. By 1870, a spiderweb of rail networks, many of them privately funded, had begun to thread across the United States (Lange 2000; MacIntosh 1999).

In the Puget Sound at that time, local transportation was generally limited to horse-drawn wagons or water travel by small boats so numerous they were known as the "mosquito fleet." In 1870, Jay Cook pledged his fortune to constructing the Northern Pacific into the growing Puget Sound region and began laying track west from Minnesota and north and east from Kalama, Washington, on the Columbia River. In 1873, after scouting the Puget Sound, railroad financiers chose the small hamlet of Tacoma as the terminus for the new rail line, frustrating Seattle to the north and leading to increased investment in Tacoma. In late 1873, the first Northern Pacific train arrived in Tacoma from Kalama. However, the nation fell into an economic depression in 1873 and the Northern Pacific languished until 1880, when Henry Villard began to fund its construction again. A gold spike united the eastern and western lines in Montana in 1883, although improvement continued throughout the 1880s (Lange 2000; MacIntosh 1999).

The Northern Pacific continued to serve Tacoma and the Port of Tacoma through the mid-20th century, playing a role in the preparation for two world wars and supporting Tacoma's growing shipping trade. Throughout the 20th century, however, transportation evolved, and personal vehicles, interstate trucking, and container shipping replaced some freight and passenger rail service. Additionally, new construction in Tacoma, including I-5 over the rail line and over the Puyallup River, altered the character of the surrounding area. In 1970, the Northern Pacific was merged, along with numerous other railroad companies, into the Burlington Northern Railroad, later the Burlington Northern and Santa Fe Railway, and now the BNSF Railway Company.

The Northern Pacific was significant as the second transcontinental railroad and the first to terminate at the Puget Sound. While the small section of railbed within the APE is part of a much larger whole, it is significant for its associations with transportation and the development of Tacoma (Criterion A). Background research did not suggest that the railbed held a strong association with the lives of significant persons (Criterion B). The railbed, ties, and rails are not significant for their association with the innovations of the Northern Pacific or subsequent owners. The railbed is indistinguishable from those of other railroad companies, is made of standard steel rails and timber ties, and does not possess distinctive characteristics of its type, period, or method of construction. It is not the work of a master and does not possess high artistic values. However, it could represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district), were such a district present (Criterion C). Finally, the railbed was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The original route of the Northern Pacific Railway is significant under Criterion A as the first transcontinental route to reach the Puget Sound, although the former rail line may lack sufficient integrity along its length to be eligible for listing in the NRHP as an individual resource or as a contributing resource to a historic district. The evaluation of a potential district is outside the scope of this study as a very small portion of the rail line crosses the APE. Sound Transit

recommends that the railbed, ties, and rails within the APE could potentially contribute to an eligible historic district, were such a district present.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.13 1320 E 26th Street, Tacoma

According to the Pierce County Assessor, the building at 1320 E 26th Street was constructed in 1914 (Pierce County Assessor 2020). The two-story, rectangular building sits atop a daylight basement and faces north toward E 26th Street (Figures 9-178 and 9-179). The building sits on a concrete-block foundation and is clad in common bond brick on the first floor and wood shingles on the second floor. It is topped by a cross-gabled asphalt roof with wide eaves and decorative brackets. The entrance is marked by an elevated porch on the north facade with double square columns atop brick piers and simple railing. The residence is accessed by a central ramp instead of stairs. The windows are wood framed and double hung. Those that flank the entry include decorative top sashes with leaded glass. First floor openings are topped by segmented arches. The projecting upper floor includes a pair of wood-framed, double-hung windows flanked by additional windows. On the secondary east elevation, one of the doors has been partially enclosed around a window. The rear entrance is located at the southeast corner of the building on a one-story, shed-roofed portion of the building along the south elevation. The east and west elevations both include gabled dormers. A 1950s two-car detached garage northeast of the house, sits on a poured-concrete foundation, is clad in concrete and T1-11, and is topped by a flat, built-up roof.

Figure 9-178 Residence at 1320 E 26th Street, view south

Figure 9-179 Residence at 1320 E 26th Street, view southeast

Integrity

From its period of construction (1914), the building at 1320 E 26th Street retains integrity of location, design, setting, workmanship, feeling, and association, although alterations including door and partial window replacements have diminished its integrity of materials. A change of use did not result in major alterations to the building, and therefore it does not diminish the building's historic integrity.

Evaluation

The building at 1320 E 26th Street was constructed in 1914. The building was originally constructed as a residence but is now connected with the commercial property to the west,

known as TMS Trucking. The building does not appear, based on a review of historic maps and local histories, to hold any associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an early 20th-century Craftsman Bungalow with distinctive characteristics from the historic period, including its massing, porch design, decorative windows, dormers, wide eaves, and brackets (Criterion C). There have been alterations; however, the building retains historic integrity. Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to its significance as an early 20th-century Craftsman Bungalow, Sound Transit recommends that the building at 1320 E 26th Street is eligible for listing in the NRHP under Criterion C in the area of architecture, as an example of a Craftsman bungalow. Its period of significance dates to its construction in 1914. Although surveyed from the public right-of-way, Sound Transit assumes the boundary of the eligible resource is the footprint of the building.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.14 1112 E 26th Street, Tacoma

According to the Pierce County Assessor and the TPCBI, the residence at 1112 E 26th Street was constructed in 1903 (Pierce County Assessor 2020; TPCBI 2020). The building sits on a concrete-block foundation, is clad in clapboards, and is topped by an asphalt hipped roof with central pediment at the attic level (Figures 9-180 through 9-182). The building's facade features an off-center entry paired with a large, aluminum-framed sliding window and a full-width porch with central stair. The hipped porch roof is supported by simple Tuscan columns and includes simple plank railings. Deep porch eaves include decorative corbels. Above the porch roof is a pair of replacement windows flanked by decorative, non-operable shutters. Like the porch roof, the hipped eave and pediment include decorative corbels. The pediment includes a wide, wood-framed window. The building's corners are ornamented with pilasters. The secondary east elevation includes replacement windows, singularly or in pairs, as does the secondary west elevation, which also includes a projecting bay window. The west elevation is partially obscured by a single-car, detached garage with gabled roof. To the rear (south) of the building is a free-standing outbuilding which is side gabled and clad in clapboards, with a multi-light wood window and an off-center entry door.

Figure 9-180 Residence at 1112 E 26th Street, view southwest

Figure 9-181 Residence at 1112 E 26th Street, view southeast

Figure 9-182 1112 E 26th Street, 1977, courtesy of Tacoma Public Library, view south

Integrity

From its date of construction (1903), the residence at 1112 E 26th Street retains integrity of location. It is one of a few remaining residences in an increasingly industrial area and has lost integrity of setting. Window replacement has diminished its integrity of design, materials, and workmanship. It retains integrity of feeling and association, as it continues to serve its original purpose.

Evaluation

The residence at 1112 E 26th Street was built in 1903 and was likely part of a former residential neighborhood with views north to the tidal flats. The building does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest American Foursquare with the massing, porch details, and deep eaves typical of the type (Criterion C). It is not known to represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contributes to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield

information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

In spite of window loss, the residence at 1112 E 26th Street remains a good example of an American Foursquare, a subset of Prairie style. Sound Transit recommends that the building is eligible for listing in the NRHP under Criterion C. Its period of significance dates to its construction in 1903. The building was surveyed from the public right-of-way, but Sound Transit assumes the eligible resource's boundary matches the historically plotted and current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.15 1106 E 26th Street

According to the Pierce County Assessor, the building at 1106 E 26th Street was constructed in 1903 with a detached garage added to the east in 1952 (Pierce County Assessor 2020). The primary building fronts north on E 26th Street. It sits on a concrete-block foundation and is clad in wood clapboards with some T1-11 on the basement level (Figures 9-183 through 9-185). The building is topped by a front-gabled, asphalt shingle roof. The building's façade features an off-center entry door paired with a wood-framed picture window. The first floor includes a full-width porch with milled posts and wood railings and spandrels as well as decorative millwork brackets under a hipped porch roof. The projecting porch is supported by post and beam. Above the porch roof is a pair of vinyl-framed windows and decorative millwork in the gable. The secondary west elevation includes paired, wood-framed, one-over-one windows and a rear recessed porch with decorative railing and spandrels. A pedestrian door and sliding windows are located on the basement level. The building's secondary east elevation faces a detached, front-gabled garage clad in T1-11. The house includes windows either singular or in pairs. To the rear (south) of the building is a free-standing greenhouse, as well as an additional outbuilding, likely a former garage, which is side gabled, standing on a foundation skirted in T1-11, and clad in clapboards, with an entry door on the north elevation accessed by a wood stair.

Figure 9-183 Residence at 1106 E 26th Street, view southwest

Figure 9-184 Residence at 1106 E 26th Street, view southeast

Figure 9-185 1106 E 26th Street, 1977, courtesy of Tacoma Public Library, view south

Integrity

From its period of construction (1903), the residence at 1106 E 26th Street retains integrity of location. It is one of few remaining residences in an increasingly industrial area and has lost integrity of setting. Window replacement, the addition of an adjoining garage, and porch alterations have diminished its integrity of design, materials, and workmanship. It retains integrity of feeling and association, as it continues to serve its original purpose.

Evaluation

The residence at 1106 E 26th Street was constructed in 1903 and was likely part of a former residential neighborhood with views north to the tideflats. The building does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest Queen Anne residence with the massing, front-facing gable, minimal stick work, and wood siding typical of the type. In spite of some alterations, the building remains a representative example of its type, period, and method of construction. It is not known to represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contributes to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and integrity, Sound Transit recommends that the residential building at 1106 E 26th Street is eligible for listing in the NRHP under Criterion C as a modest example of a Queen Anne residence. The building's period of significance dates to its construction in 1903. The residence was surveyed from the right-of-way, but Sound Transit assumes the boundary of the eligible resources is the historically plotted and current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.16 603–605 Puyallup Avenue, Tacoma

According to the Pierce County Assessor, the warehouse building at 603–605 Puyallup Avenue was constructed in 1950, although this appears to be an error, based on historic photos held by the Tacoma Public Library (Pierce County Assessor 2020; TPCBI 2020). Built ca. 1945, the commercial building fronting south at 603–605 Puyallup Avenue is a combined office and warehouse building built along a rail line (Figures 9-186 through 9-189). Generally rectangular, the 20,560 square foot building sits atop a poured-concrete foundation, is clad in brick laid in common bond, and is topped with a flat roof with parapet (Pierce County Assessor 2020). The one-story warehouse abuts a two-story office block, with the facade in the south elevation. Both structures are topped with rolled-asphalt material (Google Earth Pro 2020). The office block features two stories of four-light windows with concrete sills. Header courses immediately above and below each row of windows extend slightly from the facade and emphasize the horizontality of the window composition. The main entry is set within a brick-clad porch with fluted molding framing a single-light metal door. A semi-circular concrete canopy tops the porch, edged in a fluted concrete band. These decorative details, including the decorative brickwork, continue on the west elevation of the office building. A small, recessed, personnel door sits near the northwest corner. At the northeast corner of the office building, a stucco-clad tower with fixed, metal-frame windows and overhanging eaves stands above the roofline, providing views of the railroad lines north of the building. To the east of the office block, a one-story warehouse with multiple loading bays extends 270 feet. The loading bays are blocked with concrete block and infilled with personnel doors, windows, or metal, roll-up loading bay doors that are smaller than the original openings. A corrugated metal awning extends over these doorways along the length of the facade. The building's east elevation features three large loading bays covered with a corrugated metal awning. To the rear are the BNSF railroad tracks.

Figure 9-186 BNSF Freight Warehouse at 603–605 Puyallup Avenue, view northwest

Figure 9-187 BNSF Freight Warehouse at 603–605 Puyallup Avenue, view northeast

Figure 9-188 603–605 Puyallup Avenue, 1948, view northeast, courtesy of Tacoma Public Library

Figure 9-189 603–605 Puyallup Avenue, 1948, view northeast, courtesy of Tacoma Public Library

Integrity

From its period of construction (ca. 1945), the warehouse building at 603–605 Puyallup Avenue retains integrity of location, setting, feeling, and association, although alterations including window replacement on the warehouse have diminished its integrity of design, materials, and workmanship. It continues to be used as a BNSF office and warehouse, and surrounding railroad-related buildings are also largely extant.

Evaluation

The warehouse building at 603–605 Puyallup Avenue was constructed ca. 1945 and is owned by BNSF Railway Company, an industrial transportation company. The building was built as a freight station and office building for Northern Pacific Railway, a rail company tied to the development of the Puget Sound region. However, by the end of World War II, rail companies like Northern Pacific were losing freight business to the trucking industry (TPCBI 2020). Although not old enough to be associated with the early development of Tacoma, the building remains significant for its association with rail transportation in the area (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse with attached offices. While modest in character, the building features decorative fluting and a semi-circular roof at the entry (Criterion C). The building does embody the distinctive characteristics of its particular type, period, and method of construction. It does not represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Sound Transit recommends that the 603–605 Puyallup Avenue building is eligible for listing in the NRHP under Criteria A and C, as a local representation of a streamlined Moderne office building and warehouse, with a period of significance dating to its construction ca. 1945. Though surveyed from the public right-of-way, Sound Transit assumes the boundary for the eligible property is the historically plotted and current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.17 Puyallup River Levees

The Puyallup River and its two tributaries, the White and Carbon Rivers, drain into the Puyallup Basin, which originates on the glaciers of Mount Rainier in the Cascade Mountain range. The basin drains approximately 1,000 square miles (mi) of west-central Washington as it flows in a generally northwesterly direction to Commencement Bay in Tacoma. Near Commencement Bay, the river is flanked to the east by the City of Fife and to the west by the City of Tacoma. The river is diked and runs between raised levees on both the east and west banks of the river, which flows north under a series of road and railroad bridges towards Commencement Bay in the vicinity of the APE (Figures 9-190 and 9-191). The levee sections in the APE are a small part of a much larger flood control system that seeks to limit flooding in the Puyallup River watershed (Puyallup River Watershed Council 2014).

The Puyallup River has been channeled and contained since the early 20th century. The lower river, at the base of Commencement Bay in Tacoma, was traditionally an estuary with marshes and mudflats (Puyallup River Watershed Council 2014). Although much of the mid and upper Puyallup River were subject to flood control as early as the turn of the century, the lower 3 miles of the river, including the APE, were channelized and restrained under the Puyallup River Flood Control Project between 1946 and 1950, after many years of public and private attempts to control flooding. The project, authorized by the Flood Control Act of 1936, included straightening the river south of the APE, constructing loose riprap levees and revetments, and making needed bridge alterations along the lower 3 miles of the river (Kiers 2013; Prych 1988; Puyallup River Watershed Council 2014; USACE 2016).

Within the APE, the levees appear as earthen berms topped by vegetation and single-lane graveled paths identified as private extensions of N Levee Road E (east bank) and River Road E (west bank). These paths extend into the APE from the south but are inaccessible from the public right-of-way. North of the APE, they are discontiguous, occasionally interrupted by private property between the APE and Commencement Bay. Previous surveyors have identified typical vegetation along the levees as grasses, rhizomatous willow, cottonwood, and red alder, with some dense patches of blackberry vines. Within and north of the APE, the levee system is crossed by a series of railroad and roadway bridges, some of which are supported by posts set into the levees (Prych 1988).

The riverbed itself includes a layer of gravel, cobbles, and boulders above the sandy river bottom. Regular dredging, both by agencies and private landowners, has removed sediment for use in construction and to maintain flood protection (Prych 1988).

Figure 9-190 Puyallup River Levees, view north from the I-5 Bridge

Figure 9-191 Puyallup River Levees, view south from the I-5 Bridge

Integrity

From its period of construction (ca. 1950), the levees within the APE retain integrity of location, setting, design, materials, workmanship, feeling, and association. While alteration and upgrades were likely made in association with, for instance, the construction of I-5, the levees retain their historic-period character, suggesting that alterations and repairs have been made using in-kind materials.

Evaluation

The levees within the area of impact are part of a much larger flood control system devoted to the protection of the Puyallup River Valley. Flood control efforts on the Puyallup River and its tributaries began with early Euro-American settlement and were further modified in the early 20th century by the Inter-County River Improvement Commission (ICRI), as noted in the King County Chief Engineer's Annual Report for the Year 1919 (Ott 2016). Additional modifications, authorized under the Flood Control Act of 1938, channelized and diked the river via constructed embankments. Along some sections of the river, the levees were secured by concrete walls that were covered in earth and vegetation. In other cases, the levees were of riprap covered in earth and vegetation, most of which were completed by the U.S. Army Corps of Engineers (USACE) around 1950. According to the USACE, "in addition to two Federal authorized levees, the Basin contains a patchwork of locally constructed and maintained levee systems on each of the tributaries and the mainstem river" (USACE 2016).

The levee sections within the APE are within the lower 3 miles of the Puyallup River. They were constructed relatively late in the life of the flood-control effort established by partnering agencies, including the USACE and Pierce County, as well as the cities of Tacoma and Fife. Historic photos from 1940 indicate that some riverbank protection may have been in place at that time, particularly on the river's west bank, but that the river's east bank was irregular, including spits and sandbars (NETROnline 2020). Once the existing levees were constructed, the Puyallup River ran through a straightened, wider channel in the APE, although flooding continued to be a challenge in the river valley. Various sections of the levee system have been evaluated, but DAHP does not record the levees in the APE as NRHP eligible (Perrin 2016). However, according to WSDOT, portions of the levee system, including the revetments within the APE under I-5, have been determined eligible for listing in the NRHP under Criteria A and C (Kiers 2013). Research confirms that the levees within the APE are significant as part of a larger flood control effort designed to protect lands in the watershed and support development in

Tacoma and Fife (Criterion A). Preliminary research did not suggest that the levees held a strong association with the lives of significant persons (Criterion B). The levees are utilitarian in style, designed to control the flow of the river and allow for development on neighboring land. They were constructed relatively late in the historic period using well-known techniques and are not known to be significant for their architectural or engineering elements (Criterion C). The levees may not be individually eligible under NRHP Criterion C but could contribute to a Puyallup River watershed historic district associated with flood control, were such a district present. Finally, the levees were constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

While the levees along the Puyallup River are individually eligible under NRHP Criterion A, they are best understood as contributing elements to a potential historic district. As summarized from National Register Bulletin 15, a district possesses a significant concentration, linkage, or continuity of sites, and derives its importance from being a unified entity, even though it is often composed of a wide variety of resources. A district must be significant, as well as being an identifiable entity, for historical, architectural, archaeological, engineering, or cultural values. A district can comprise either or both features that lack individual distinction and individually distinctive features that serve as focal points (National Park Service 1997; Perrin 2016).

Based on their significance and integrity, Sound Transit recommends that the levees on the banks of the Puyallup River in the APE are eligible for listing in the NRHP under Criterion A for their historic associations with Pierce Country's flood control effort in the Puyallup River Valley. While evaluation of the entire levee system is outside the scope of this survey, Sound Transit assumes that the boundary for a future historic district would encompass flood-control measures along the Puyallup, White, and Carbon Rivers.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.18 101 E 26th Street, Tacoma

Built in 1909, the one-part commercial block fronting south at 101 E 26th Street, on parcel 2076150012, is a two-story commercial building (Pierce County Assessor 2020) (Figures 9-192 and 9-193). Generally rectangular, the 21,834 square ft building sits on a poured-concrete foundation, is clad in brick laid in stretcher bond, and is topped with a flat roof with parapet clad in rolled composite material (Google Earth Pro 2020). Facade fenestration includes rows of four and five one-over-one, wood-frame windows with segmental-arch lintels and concrete sills. A recessed opening defines the entry at the center of the first story, enclosed with a metal security gate. The partial daylight basement is lit with small rectangular windows filled with glass block. The west elevation features similar fenestration and a stepped parapet. A double wood entry door breaks the row of windows on the first floor, and the partial daylight basement on the south opens up to a full daylight basement on the north end of the elevation. The east elevation includes a small, two-story addition, possibly an elevator tower to provide Americans with Disabilities Act (ADA) accessibility, clad in scored stucco and well-differentiated from the historic structure.

Figure 9-192 Commercial Building at 101 E 26th Street, Facade and East Elevation, view northwest

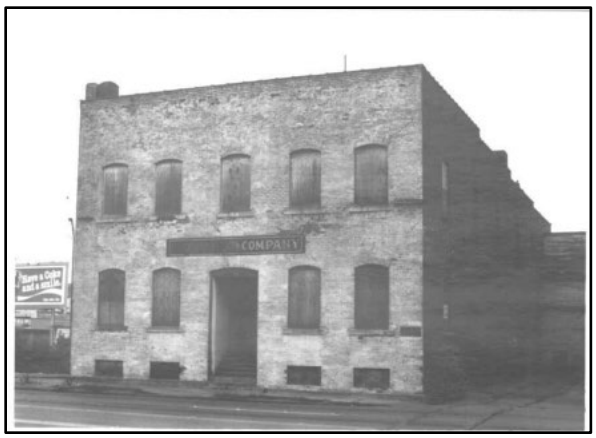

Figure 9-193 Commercial Building at 101 E 26th Street, Facade and East Elevation, view northwest in an undated photograph. Image courtesy of the Department of the Interior (2020)

Integrity

From its period of construction (1909), the building at 101 E 26th Street retains integrity of location, setting, design, materials, workmanship, and feeling, due to a sensitive restoration with some alterations, including a well-differentiated addition, although windows and doors have been altered. Most of the alterations occurred in 1999 (Pierce County Assessor 2020). The building has lost integrity of association due to a change in use from meat packing warehouse to office space.

Evaluation

The commercial building at 101 E 26th Street was constructed in 1909 for Swift and Company, a meatpacking and cold storage business based in Chicago (O'Bannon 1979). The building contained smokehouses and cold storage rooms and was located adjacent to the Puget Sound Electric Railway's Seattle Interurban line (City of Tacoma 2020a). The resource's location reflects Swift and Company's connection to the manufacture and use of refrigerated railcars used to transport meat and dairy products (Kutner 2010). In 1918, Armour and Company purchased the building and continued to use it as an outlet until 1957, after which the building was vacant for many years (O'Bannon 1979). The building currently houses offices for Home Instead Senior Care and Erickson McGovern Architects (Tacoma Public Library 2020). Based on its connection to the meatpacking and rail industries in Tacoma, the building appears to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not reveal any notable association of the resource with the lives of significant persons (Criterion B). The building embodies the distinctive characteristics of its type, period, and method of construction as an example of a two-story, one-part commercial block from the early 20th century, but it does not represent the work of a master or possess high artistic values. While not rising to the standard of individual eligibility, the building could qualify as contributing to a historic district, were such a district present (Criterion C). Preliminary research did not uncover the building's architect. Finally, 101 E 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its integrity and significance as a representative example of an early 20th-century, one-party commercial block, Sound Transit recommends that the building at 101 E 26th Street is eligible for listing in the NRHP under Criteria A and C with a period of significance of 1909–1957. Though surveyed from the public right-of-way, Sound Transit assumes the boundary for the eligible property is the historically plotted and current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.19 102 S 26th Street, Tacoma

Built in 1937 according to the Pierce County Assessor, the commercial building fronting north at 102 S 26th Street, on parcel 2076140010, is a streamlined, one-part commercial block with Art Deco details (Figures 9-194 and 9-195). Generally rectangular, the 13,615 square foot concrete block building rests on a concrete foundation, is clad in stucco, and topped with a flat roof with parapet (Pierce County Assessor 2020). A two-story, vertical massing defines the east side of the building, and a one-story horizontal element extends to the west. The facade features Art Deco details, including a glass-block framed entry door on the east side with streamlined entrance canopy and flattened, vertical pilasters framing two vertical windows below the stepped parapet. The west massing features a ribbon of metal-frame windows with glass-block infill at the west corner. Horizontal scoring of the stucco above the windows reinforces the long, flat lines of this portion of the building. The west elevation is more minimal, with a few glass-block windows but otherwise little fenestration. On the east elevation, fenestration includes an octagonal window and three garage doors below a horizontal row of three vinyl windows set into stucco with horizontal scoring. One garage door includes a pedestrian entry with concrete and glass-block infill.

Figure 9-194 Commercial Building at 102 S 26th Street, Facade and West Elevation, view southeast

Figure 9-195 Commercial Building at 102 S 26th Street, East Elevation, view west

Integrity

From its period of construction (1937), the building at 102 S 26th Street retains integrity of location, design, workmanship, and feeling, though some materials have been lost due to changes in windows and doors. The building has lost integrity of association and setting, due to changes in use and demolition of nearby commercial buildings, although the Brown and Haley building remains to the east.

Evaluation

The commercial building at 102 S 26th Street was constructed in 1937 as a storage building for Consolidated Dairy Products (City of Tacoma 2020a). Consolidated Dairy Products (CDP), founded in Seattle in 1920 to "purchase finished milk products from other producers and [sell] them to retailers" (Anderson 2019), joined together various Washington dairy producers to manage the supply of dairy products and access broader markets due to the surplus of dairy products in the region in the early 20th century. This organization, which became Darigold in 1925, was a key player in the consolidation and growth of the dairy industry and its response to new pasteurization and other Food and Drug Administration (FDA) safety requirements (Anderson 2019). As a storage building for CDP in the Tacoma area and a link in the distribution of pasteurized milk products in western Washington in the 1930s through the 1960s, it appears that the building at 102 S 26th Street has an association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does embody the distinctive characteristics of an Art Deco, one-part commercial block, including the horizontal scoring on the parapet, glass-block windows, and streamlined entrance canopy with flattened vertical pilasters. It does not represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, 102 S 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Sound Transit recommends that the 102 S 26th Street building retains integrity from its period of construction (1937) and qualifies for listing in the NRHP under Criteria A and C as a local representation of an Art Deco, one-part commercial block with a period of significance of 1937. Though surveyed from the public right-of-way, Sound Transit assumes the boundary for the eligible property is the historically plotted and current tax lot.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.20 110 E 26th Street, Tacoma

Built in 1902 and remodeled in 1907 and 1948 with a garage addition dating to 1985, the candy making factory fronting north at 110 E 26th Street, on parcel 2076160020, is a five-story building built adjacent to a railroad line (Pierce County Assessor 2020) (Figures 9-196 and 9-197). Generally rectangular, the building is 50,450 square ft atop a poured-concrete foundation, is clad in wood tongue-and-groove siding and is topped by a flat roof with parapet. The building consists of four primary masses, a projecting bay at the east end; a central massing of six bays; and a four-story extension to the west that houses a loading dock. The fourth is a garage addition (1985) to the west.

On the facade, a small projecting canopy at ground level shelters a single pedestrian entrance with glass transom and original glass-block side walls. An original Brown and Haley Company blade sign with neon lettering projects above the entrance, and a larger delivery entrance is adjacent, with painted glass transom and original, glass and wood paneled door. Additional fenestration includes boarded, wood-framed windows on the top four stories, with six-over-six, double-hung, wood windows on the fifth story. At the northeast corner, window glazing has been removed and ventilation equipment added. The secondary east elevation is characterized by five stories of enclosed wood

windows with a row of six-over-one vinyl windows on the second story. This elevation faces a railroad line and elevated interstate freeway. A large wall sign advertising Almond Roca candy covers the center of the third and fourth stories. To the west of the main mass, a generally rectangular garage steps back and sits atop a poured-concrete foundation with vinyl siding and a flat roof with small parapet. The upper floors float atop concrete columns and reinforced concrete beams, creating a covered parking area below. Fenestration includes six, one-over-one bronzed aluminum windows on the north elevation and a metal entry door at the northwest corner that is accessed by a steel, two-flight exterior stair. The secondary west elevation has no fenestration.

Figure 9-196 Almond Roca Factory at 110 E 26th Street, view southwest

Figure 9-197 Original Brown and Haley Factory at 110 E 26th Street, 1948, courtesy of Tacoma Public Library

Integrity

From its period of construction (1902), the factory at 110 E 26th Street retains integrity of location and setting but has lost some integrity of design, materials, workmanship, and feeling, due to window loss. The original entrance canopy has been replaced with a smaller example, but the original entrance is intact, as is the original neon-lettered blade sign for the Brown and Haley Candy Company. The corbeled wood cornice has been removed from the facade and east elevations. The building retains integrity of association, as it continues to be used as a production facility for Almond Roca candy.

Evaluation

The factory at 110 E 26th Street was constructed as a three-story, wood-frame building in 1902 for the Stilson-Kellogg Shoe Company (Pierce County Assessor 2020). The company expanded the building in 1907, adding two additional stories and a warehouse addition to the east. The factory was acquired by the Brown & Haley Candy Company in 1919. Brown and Haley created the nationally known Almond Roca toffee candy in 1923, initially sourcing their ingredients from local Washington and California dairy and produce farmers. Brown & Haley also pioneered the development of hermetically sealed candy tins, allowing national distribution of their product. In 1948, another addition was built on the west side of the building, including a large loading dock entrance and additional manufacturing space (Bluestone 1979). The building is still used to produce Almond Roca candy today (Pierce County Assessor 2020). A Tacoma Community Cultural Resource Survey conducted in 1981 and recorded by DAHP in the WISAARD database notes that the building was determined eligible for listing in the NRHP in April 1992 (DAHP 2020c).

Due to its association with the production and distribution of Almond Roca candy, 110 E 26th Street retains its association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building embodies the distinctive characteristics of a vernacular, wood-framed factory building. It does not represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Preliminary research did not uncover the building's architect. Finally, 110 E 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and relatively high degree of integrity from the historic period, Sound Transit recommends 110 E 26th Street continues to qualify for listing in the NRHP under Criteria A and C as a distinctive manufacturing plant. Its period of significance dates to its construction in 1902. Although the building was surveyed from the right-of-way, Sound Transit assumes that the boundary of the eligible resource is the footprint of the former factory. The adjacent parking garage is non-contributing.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.1.21 102 E 26th Street, Tacoma

According to the Pierce County Assessor, the one-story, circular pavilion at 102 E 26th Street, which stands in front of the Almond Roca factory at neighboring 110 E 26th Street, was constructed in 1962 (Pierce County Assessor 2020) (Figures 9-198 and 9-199). The one-story, 12-sided retail pavilion features a circular hipped roof topped by a round cabinet sign. The building sits on a concrete foundation and includes wood stem walls topped by fixed wood-framed windows. A half-glazed, single-entry door faces north toward E 26th Street.

Figure 9-198 Pavilion at 102 E 26th Street, view southwest

Figure 9-199 Pavilion at 102 E 26th Street, view southeast

Integrity

From its period of construction (1962), the retail pavilion at 102 E 26th Street retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it has experienced

few alterations, remains in its historic location, and continues to be used as a retail outlet for Almond Roca candy.

Evaluation

The retail pavilion at 102 E 26th Street was constructed in 1962 to promote candy sales to travelers on their way to the Seattle World's Fair (Bluestone 1979). Due to its connection with the sales and promotion of Almond Roca candy and its connection to the locally and nationally significant Seattle World's Fair, the retail pavilion at 102 E 26th Street retains its association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The pavilion embodies the distinctive characteristics of a 1960s, New Formalist roadside retail pavilion (DAHP 2020a) (Criterion C). Preliminary research did not uncover the building's architect. The building at 102 E 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its historic significance and high degree of integrity, Sound Transit recommends the retail pavilion at 102 E 26th Street is eligible for listing in the NRHP under Criteria A and C as a distinctive New Formalist structure associated with the 1962 World's Fair. Its period of significance dates to its construction in 1962. Although the building was surveyed from the right-of way, Sound Transit assumes that the boundary of the eligible resource is the building's footprint.

FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and other consulting parties, determined this resource eligible for listing in the NRHP on May 29, 2024, and SHPO concurred with this determination on June 26, 2024.

9.4.2 Architectural Resources Recommended for Local Listing

Of the 245 built-environment resources surveyed, Sound Transit evaluated and documented 233 resources, providing preliminary recommendations regarding each resource's eligibility for listing in the NRHP (per Section 9.4.1, 12 resources were too young, less than 50 years old, to be documented in HPI forms or had been demolished). Some resources that did not qualify for listing in the NRHP may qualify for listing in local and state registers of historic places. Sound Transit prepared recommendations regarding each resource's eligibility for listing in either the WHR, the King County Register of Historic Places, the Pierce County Register of Historic Places, or the Tacoma Register of Historic Places, as appropriate. As each of these registers bases its eligibility criteria on that of the NRHP, survey results in Section 6 provide sufficient data for Sound Transit to make preliminary recommendations regarding each resource's eligibility for listing in state and local registers of historic places. Those resources that are NRHP-eligible are assumed to qualify for listing in local and state registers of historic places (Table 9-12). These results are for informational purposes only.

Table 9-12 State and Local Eligibility Recommendations for Surveyed Architectural Resources within the APE

	Alignment Segments Affecting Parcel	Parcel No.	Address	Existing Use	Year Built	Sound Transit's State and Local Eligibility Recommendation
1	South Federal Way Segment	2121049077	34726 16th Avenue S, Federal Way	Commercial	1978	Recommended Eligible for King County Register: Criterion 3
2	South Federal Way	2921049010	726 S 356th Street, Federal Way	Community Center	ca. 1929	Recommended Eligible for King County Register: Criteria 1 and 3
3	South Federal Way	2921049074	36605 Pacific Highway S, Federal Way	School and Residence	ca. 1943	Recommended Eligible for King County Register: Criteria 1, 2, and 3
4	South Federal Way	2921049024	36530A Pacific Highway S, Federal Way	Residence and Stables	ca. 1900	Recommended Eligible for King County Register: Criteria 1 and 2
5	South Federal Way	2921049044	36606 Pacific Highway S, Federal Way	Residence	1947	Recommended Eligible for King County Register: Criterion 3
6	South Federal Way	3221049078	36903 Pacific Highway S, Federal Way	Residence	1921	Recommended Eligible for King County Register: Criterion 3
7	South Federal Way	0420061029	7909 Pacific Highway E, Milton	Motel	ca. 1948	Recommended Eligible for King County Register: Criterion 3
8	South Federal Way	0420052003	7700 Pacific Highway E, Milton	Commercial	1978	Recommended Eligible for King County Register: Criterion 3
9	South Federal Way	2921049034	35905 16th Avenue S, Federal Way	Church/School	1918	Recommended Eligible for King County Register: Criteria 1 and 3
10	South Federal Way	3221049025	37600 Pacific Highway S, Federal Way	Cemetery Landscape with Mortuary and Mausoleums	1974	Recommended Eligible for King County Register: Criteria 1 and 3
11	South Federal Way	0420053027	1015 70th Avenue E, Milton	Residence	1938	Recommended Eligible for the Pierce County Register: Criterion 3
12	Fife	420064024	1309 62nd Avenue E, Fife	Residence	1900	Recommended Eligible for the Pierce County Register: Criteria 1, 2, and/or 3
13	Fife	320013088	4415 Pacific Highway E, Fife	Commercial	1950	Recommended Eligible for the Pierce County Register: Criterion 3
14	Fife	320013069	1501 Alexander Avenue E, Fife	Commercial	1951	Recommended Eligible for the Pierce County Register: Criterion 3
15	Fife	320013135	4306 Pacific Highway E, Fife	Commercial	1950	Recommended Eligible for the Pierce County Register: Criteria 1 and 3
16	Fife	0320122058 and 0320122071	3812 Pacific Highway E, Fife	Residence	1985 for add on.	Recommended Eligible for the Pierce County Register: Criteria 1 and 3
17	Tacoma	APE-specific	Puyallup River Levees	Infrastructure	1950	Recommended Eligible for the Tacoma Register of Historic Places: Criterion A
18	Tacoma	APE-Specific	Northern Pacific Railway/BNSF	Infrastructure	ca. 1873	Recommended Eligible for the Tacoma Register of Historic Places: Criterion A

Table 9-12 State and Local Eligibility Recommendations for Surveyed Architectural Resources within the APE (continued)

	Alignment Segments Affecting Parcel	Parcel No.	Address	Existing Use	Year Built	Sound Transit's State and Local Eligibility Recommendation
19	Tacoma	4715010850	1320 E 26th Street, Tacoma	Residence	1914	Recommended Eligible for the Tacoma Register of Historic Places: Criterion C
20	Tacoma	2076360040	1112 E 26th Street, Tacoma	Residence	1903	Recommended Eligible for the Tacoma Register of Historic Places: Criterion C
21	Tacoma	2076360020	1106 E 26th Street, Tacoma	Residence	1903	Recommended Eligible for the Tacoma Register of Historic Places: Criterion C
22	Tacoma	4715010280	1220 Puyallup Avenue, Tacoma	Motel	1941	Recommended Eligible for the Tacoma Register of Historic Places: Criteria A and C
23	Tacoma	2074250010	603-605 Puyallup Avenue, Tacoma	Industrial	ca. 1945	Recommended Eligible for the Tacoma Register of Historic Places: Criteria A and C
24	Tacoma	2074230060	525 Puyallup Avenue, Tacoma	Commercial	1923	Recommended Eligible for the Tacoma Register of Historic Places: Criterion C
25	Tacoma	2074230010	505 Puyallup Avenue, Tacoma	Commercial	1931	Recommended Eligible for the Tacoma Register of Historic Places: Criterion C
26	Tacoma	2076150012	101 E 26th Street, Tacoma	Commercial	1909	Recommended Eligible for the Tacoma Register of Historic Places: Criteria A and C
27	Tacoma	2076140010	102 S 26th Street, Tacoma	Commercial	1937	Recommended Eligible for the Tacoma Register of Historic Places: Criteria A and C
28	Tacoma	2076160020	110 E 26th Street, Tacoma	Commercial	1920	Recommended Eligible for the Tacoma Register of Historic Places: Criteria A and C
29	Tacoma	2076160010	102 E 26th Street, Tacoma	Commercial	1962	Recommended Eligible for the Tacoma Register of Historic Places: Criteria A and C

9.4.3 Resources Eligible for Listing in Local and/or State Registers of Historic Places

Of the 245 resources surveyed, 29 are likely to qualify for local listing in either the King County, Pierce County, or Tacoma registers of historic places, either for their associations with significant historic events or trends, significant people, or for their architectural character. Under Section 106, resources eligible for listing in state and local registers of historic places, but not the NRHP, are not historic properties that must be considered. Recommendations regarding local and/or state listing are for informational purposes only.

10 APPLICATION OF CRITERIA OF ADVERSE EFFECT

As defined by Section 106 of the NHPA and its guiding regulations (36 CFR Part 800), “an adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Consideration shall be given to all qualifying characteristics of a historic property, including those that may have been identified subsequent to the original evaluation of the property's eligibility for the National Register. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance or be cumulative” [36 CFR Part 800].

FTA has identified impacts to NRHP-eligible properties for the Preferred Alternative, where identified, and effects determinations have been made for properties adversely impacted by the Preferred Alternative or all build alternatives. FTA will continue to consult on effects to historic properties following publication of the Draft EIS and Sound Transit Board identification of a Preferred Alternative for all segments of the TDLE project.

10.1 Effects on Archaeological Resources

There are 26 archaeological resources (17 previously documented and nine newly documented) within the APE. Of the 17 previously recorded sites, eight have been previously determined not eligible for listing in the NRHP, seven have not been formally evaluated for listing in the NRHP, and two have previously been determined eligible for listing in the NRHP (Table 10-1). Sites without formal determinations will be addressed during the preparation of the Final EIS.

Of the nine newly documented archaeological resources, two sites 45KI1586 and 45PI1557, have been determined eligible for listing in the NRHP (Table 10-1). One of the newly recorded sites, 45PI1555, has an undetermined eligibility and should be treated as potentially eligible; and the remaining six newly documented archaeological resources within the APE have been determined not eligible for listing in the NRHP (see Section 9.1).

Table 10-1, NRHP-Eligible and Potentially Eligible Archaeological Sites within the APE, redacted. Contains privileged information that is not for public disclosure.

10.1.1 Long-Term Effects on Archaeological Resources for the Build Alternatives

Potential long-term effects to archaeological resources include, but are not limited to, the following:

- Disturbance or alteration of the resource.
- Physical encroachment upon a site.

Direct long-term impacts can happen during operation or as a result of a construction activity that causes a permanent change. For archaeological resources, long-term impacts are generally initiated when ground-disturbing activities occur; they are characterized as long-term impacts because they permanently affect the archaeological record.

Impacts or Effects

The terms effect and impact are used purposefully in this technical report and its associated Draft Environmental Impact Statement Section 4.16. The word "effect" is used when referring to the effects (e.g., adverse effect) the project has on historic properties in a Section 106 framework, following implementing regulations 36 CFR Part 800. The word "effect" is also used when referring to the project's "area of potential effects," a Section 106 term. In addition, "effects" is used when discussing long-term, construction, and indirect effects on historic properties.

The word "impact" is used when discussing specific construction impacts (e.g., temporary construction impacts), long-term impacts, and indirect impacts, as required by NEPA (40 CFR Part 1502), and whether these impacts constitute adverse effects on specific historic properties.

The project will result in an adverse effect to one NRHP-eligible archaeological site (45PI1557) and has the potential for adverse effects to an additional two NRHP-eligible archaeological resources and one potentially NRHP-eligible archaeological resource that have been identified in the APE. The probability of encountering intact archaeological resources in the corridor ranges from low to very high. The corridor overall has a variable probability of containing intact archaeological resources from very high to low. Ground-disturbing activities, specifically those involving excavation or ground clearance, could encounter an unanticipated archaeological site. If the site is determined to be eligible for listing in the NRHP an adverse effect could occur.

Through the NEPA review and the Section 106 process, FTA and Sound Transit will continue to consult with SHPO, Tribes, and other interested parties to avoid, minimize, or mitigate impacts to archaeological sites, if found.

10.1.1.1 Federal Way Segment

None of the alternatives in the Federal Way Segment are anticipated to have long-term impacts on known or previously recorded archaeological resources that are listed or have been determined eligible for listing in the NRHP. The potential to encounter unrecorded archaeological resources is generally low.

10.1.1.2 South Federal Way Segment

The SF 99-West and SF 99-East alternatives (with or without the Porter Way Design Option) are not anticipated to have long-term impacts on archaeological resources that are currently listed or have been determined eligible for listing in the NRHP. **Text redacted. Contains privileged information that is not for public disclosure.**

Because the South Federal Way Segment includes multiple alternatives and there is currently not a Preferred Alternative, FTA will continue to assess impacts to archaeological resources following selection of a Preferred Alternative by the Sound Transit Board.

10.1.1.3 Fife Segment

In the Fife Segment, one NRHP eligible archaeological resource (45PI488) and one potentially eligible resource (45PI1555) may be affected during the construction of TDLE under all alternatives, causing a long-term impact. Potential impacts to these sites would be associated with ground disturbance, as the resources were identified almost entirely below the surface. Ground-disturbing activities at the site location could destroy, alter, and/or displace artifacts and the culturally relevant sedimentary context associated with the site. These effects would diminish the integrity of site 45PI488 as a significant resource and site 45PI1555 as a potentially significant resource.

Additionally, archaeological and geoarchaeological investigations conducted near both the east and west ends of the Fife Segment (described in Section 9.3) demonstrated the presence of buried and deeply buried landforms with high potential to contain archaeological resources. If archaeological resources exist in this segment and are eligible for listing in the NRHP, impacts to them would constitute adverse effects. The potential to encounter unrecorded archaeological resources is moderate to high in much of this segment.

Archaeological resources identified along the Fife Segment are located in a portion of the segment that does not have a Preferred Alternative. As such, FTA will assess impacts to archaeological resources following selection of a Preferred Alternative by the Sound Transit Board.

10.1.1.4 Tacoma Segment

In the Tacoma Segment, two eligible archaeological resources (45PI1327 and 45PI1557) would potentially be affected during the construction of TDLE, causing a long-term impact. Potential impacts to these sites would be associated with ground disturbance, as the resources were identified entirely below the surface. Ground-disturbing activities at these site locations could destroy, alter, and/or displace artifacts and the culturally relevant sedimentary context associated with the sites. These effects would diminish each site's integrity as significant resources.

Within this segment, ethnographic information (Section 4.4) as well as previously documented archaeological sites (Section 7) demonstrate the high potential for this area to contain archaeological resources. If archaeological resources exist in this segment and are eligible for listing in the national register of historic places, impacts to them would constitute adverse effects.

Archaeological site 45PI1557 is adversely affected by all alternatives within the Tacoma Segment. Therefore, FTA has determined that the project will have an adverse effect on site 45PI1557. Other portions of this segment include archaeological sites that would be adversely affected by one or more, but not all, alternatives. After the Sound Transit Board identifies a Preferred Alternative, FTA anticipates consultation on adverse effects for these archaeological resources.

10.1.2 Construction Effects on Archaeological Resources for the Build Alternatives

Construction effects are those that occur only during the construction period and are relatively short in duration. These effects may include noise, vibration, dust, etc. It is unlikely that these kinds of effects will adversely affect archaeological resources. However, through the NEPA review and the Section 106 process, FTA and Sound Transit will continue to consult with SHPO, Tribes, and other interested parties to minimize effects to archaeological sites, if found.

10.1.3 Indirect Effects on Archaeological Resources

Indirect impacts may occur during the long-term operation of TDLE or may occur during construction but further away from the project corridor. Development or redevelopment of the neighborhoods and commercial properties surrounding TDLE is likely to occur, especially near station areas. The corridor overall has a variable probability to contain intact archaeological resources from very high to low. Where further development and redevelopment of residential and commercial areas occurs, there could be indirect effects if archaeological resources are encountered.

10.2 Effects on Historic Built-Environment Properties

Sound Transit recommended that, of the 233 built-environment resources evaluated and documented for the project within the combined APE for all alternatives under consideration, a total of 26 are listed, eligible, and recommended eligible for the NRHP (Table 10-2). Nine recommended-eligible resources are located along the South Federal Way Segment, two are located along alternatives in the Fife Segment, and 10 are located along alternatives in the Tacoma Segment. Six additional resources along alternatives in the Tacoma Segment were previously determined eligible or listed within the NRHP, although one has since been demolished. FTA, in coordination with Sound Transit and in consultation with SHPO, Tribes, and consulting parties, determined these resources eligible for the NRHP on May 29, 2024, and SHPO concurred with these determinations on June 26, 2024.

As part of its project, Sound Transit proposes to expand existing transportation networks, adding light rail access to a corridor long served by railroads, highways, and freeways. The APE is located in a heavily developed area including commercial, residential, and industrial development along I-5 and additional roadways including the current and former route of the Pacific Highway.

Of the 26 listed, eligible resources within the APE, many are within view of, or associated with, existing transportation networks. For instance, the Daffodil Motel at 7909 Pacific Highway E in Milton and the Pick-Quick Drive In at 4306 Pacific Highway E in Fife, were sited along the Pacific Highway specifically to appeal to those traveling the corridor. If the buildings remain and can maintain their association with, and visual connection to, the roadway, the introduction of a new light rail line in the building’s viewsheds would not necessarily diminish the integrity of a

characteristic that qualifies the buildings for listing. Other agricultural, residential, and transportation-related resources, including the BNSF Freight Depot at 603-605 Puyallup Avenue in Tacoma and the railroad and roadway bridges across the Puyallup River, are significant for their associations with historic-period transportation networks and would not lose those associations if light rail were added to the surrounding landscape — as long as these resources retain their historic-period associations (visual, circulatory) with associated transportation networks. These resources may see alterations to their settings due to the proposed project, but construction would not adversely affect any of the characteristics that qualify them for inclusion in the National Register. The direct audible and visual effects are unlikely to be adverse when light rail is added along the existing I-5 corridor or is located within the median or along the edge of existing highways, freeways, or railroads, as the setting in these transportation corridors has already been heavily altered in recent years, and the corridors themselves have traditionally been associated with the audible and visible evidence of evolving transportation uses.

However, in cases where the project does propose to take or demolish historic built-environment resources, pursuant to Section 106 regulations, it results in a finding of adverse effects. Based on preliminary project designs, the project does have the potential for direct, adverse effects on historic built-environment resources, although the effects on each resource vary with the alternatives under consideration. Preliminary recommendations are based on a review of the project's 10 percent design and are detailed below, specific to each segment and alternative.

10.2.1 Long-Term Effects on Built-Environment Resources for the Build Alternatives

Potential long-term effects to built-environment resources include, but are not limited to, the following:

- Disturbance or alteration of the resource.
- Physical encroachment upon character defining features of a resource.

Although these impacts happen during project construction they are characterized as long-term effects because they are irreversible.

10.2.1.1 Federal Way Segment

Because no NRHP-eligible or listed built-environment resources are located along the Federal Way Segment, the Federal Way alternatives have no potential for long-term effects on NRHP-eligible or listed historic built-environment resources.

10.2.1.2 South Federal Way Segment

Of the nine NRHP-eligible built-environment resources located along the South Federal Way Segment, two are heavily shielded from the proposed alignments by distance, topography, and/or deep screens of mature foliage that act to shield the built resources from traffic along the Pacific Highway (SR 99) and I-5 roadways (Table 10-2, Figures 10-1 and 10-2). A recommendation of "no adverse effects" is indicated when the alterative will not diminish any characteristics that qualify the resource for listing (Table 10-2). The first resource, the former community center at 726 S 356th Street will not be affected by any alternative, as long as those screens of mature foliage are not removed or greatly diminished during construction. No long-term effect is anticipated in association with either the SF Enchanted Parkway Alternative, the SF I-5 Alternative, or the SF 99-West and SF 99-East alternatives, either with or without the Porter Way Design Option. The second resource, the commercial building at 7700 Pacific Highway E, will not be affected by any alternative because it is located off Pacific Highway on a

parcel that flanks I-5. Construction of the Enchanted Parkway Alternative or the SF I-5 Alternative, or the Porter Way Design Option, either in association with the SF 99-West or SF 99-East Alternative, may add a visual element to its viewshed, but the resource will not be adversely affected by any alternative as long as the building retains its views to and from I-5. No long-term effect is anticipated in association with the SF Enchanted Parkway Alternative, the SF I-5 Alternative, or the SF 99-West and SF 99-East alternatives, either with or without the Porter Way Design Option.

For the remaining seven NRHP-eligible built-environment resources located along the South Federal Way Segment, the potential for long-term adverse effects is greater. The first is a Denny's Restaurant (34726 16th Avenue S) located west of all design alternatives. The following three resources — 36605 Pacific Highway S, 36530 Pacific Highway S, and 36606 Pacific Highway S — each include complexes of associated buildings screened from the project area by a combination of topography, distance, and some screening foliage. The fifth resource is a single residence west of Pacific Highway (36903 Pacific Highway S), which is also minimally screened from the project area by mature foliage. The sixth is the Gethsemane Cemetery (37600 Pacific Highway S), which is significant for its landscape design, and the seventh is the Daffodil Motel (7909 Pacific Highway E), which was designed to be visible from the adjacent highway and is not screened from view.

The SF Enchanted Parkway Alternative and the SF I-5 Alternative are located at such a distance from these resources that no potential long-term effects are anticipated in association with either alternative. However, all seven resources are either partially or completely located within the footprint for the SF 99-West Alternative and the SF 99-East Alternative, with or without the Porter Way Design Option.

The SF 99-West Alternative could result in impacts to NRHP-eligible resources at all seven locations (the Denny's Restaurant at 34726 16th Avenue S; the school and residence at 36605 Pacific Highway S; the residence, outbuildings, and stables at 36530 Pacific Highway S; the residence at 36606 Pacific Highway S; the residence at 36904 Pacific Highway S; the cemetery at 37600 Pacific Highway S; and the motel at 7909 Pacific Highway E) but would only result in long-term adverse effects on resources west of Pacific Highway. All seven locations would be subject to temporary impacts associated with construction and would also be adjacent to a new light rail track added along the western shoulder of Pacific Highway or, in the case of the Denny's restaurant, to the rear of the building. Construction would require partial acquisition and the removal of visual elements like screening trees west and east of Pacific Highway or elements like signage that invite attention. These alterations could diminish the resources' integrity of design and/or setting, characteristics that qualify the resources for inclusion in the NRHP. The impact would be lessened for those resources east of Pacific Highway or that face away from the new light rail line, most of which would retain their screens of mature trees and would not be within view or directly adjacent to new construction. The residence at 36904 Pacific Highway S and the Daffodil Motel at 7909 Pacific Highway E would be subject to permanent impacts because the residence is targeted for demolition and signage for the Daffodil Motel would have to be dismantled or moved — an alteration that could be mitigated if the sign were retained near its current location. Demolition would constitute a long-term adverse effect.

The SF 99-East Alternative could result in impacts to NRHP-eligible resources at all seven locations (the Denny's Restaurant at 34726 16th Avenue S; the school and residence at 36605 Pacific Highway S; the residence, outbuildings, and stables 36530 Pacific Highway S; the residence at 36606 Pacific Highway S; the residence at 36904 Pacific Highway S; the cemetery at 37600 Pacific Highway S; and the motel at 7909 Pacific Highway E) but would only result in long-term adverse effects on resources east of Pacific Highway. All seven locations would be subject to temporary impacts associated with construction and would also be adjacent to a new

light rail track added through the commercial area or either along the eastern shoulder or within the median of Pacific Highway. Construction would require the removal of elements like screening trees east of Pacific Highway or the reconfiguration of the entrance to the Gethsemane Cemetery. These alterations could diminish the resources' integrity of design or setting, characteristics that qualify the resources for inclusion in the NRHP. The impact would be lessened for those resources west of Pacific Highway or facing away from the new light rail line, which would retain their screens of mature trees and/or their current relationship to Pacific Highway. The residence and stables at 36530 Pacific Highway S would be subject to permanent impacts as a secondary outbuilding at that location (believed to be a shed or garage added ca. 1977) is anticipated to be demolished to construct the alternative. Demolition would constitute a long-term adverse effect if the demolished resource is NRHP-eligible or contributes to an NRHP-eligible resource.

As described above, built-environment resources will be adversely affected by one or more alternatives for the South Federal Way Segment. Because there is not a Preferred Alternative in the South Federal Way Segment, FTA will assess impacts to historic built-environment resources following selection of a Preferred Alternative by the Sound Transit Board.

Table 10-2 Effects on Built-Environment Resources in the South Federal Way Segment

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731955	Denny's Restaurant: 34726 16th Avenue S, Federal Way	1978	Determined NRHP Eligible: Criterion C	SF 99-West Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-West Alternative could construct the light rail track to the rear and approximately 40 feet above the resource, which would add an additional transportation option within a developed commercial area and add supporting columns near the rear of the building. Locating the line to the rear of this building does not diminish any of the characteristics that qualify it for listing.
731955	Denny's Restaurant: 34726 16th Avenue S, Federal Way	1978	Determined NRHP Eligible: Criterion C	SF 99-East Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative could construct the light rail track to the rear and approximately 40 feet above the resource, which would add an additional transportation option within a developed commercial area and add supporting columns near the rear of the building. Locating the line to the rear of this building does not diminish any of the characteristics that qualify it for listing.

Table 10-2 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731955	Denny's Restaurant: 34726 16th Avenue S, Federal Way	1978	Determined NRHP Eligible: Criterion C	SF Enchanted Parkway Alternative	No Adverse Effect: the Enchanted Parkway Alternative could construct the light rail track to the rear of the resource, although at a greater distance from the building than the SF 99-West or SF 99-East alternatives. Locating the line to the rear of this building does not diminish any of the characteristics that qualify it for listing.
731975	Community Center: 726 S 356th Street	ca. 1929	Determined NRHP Eligible: Criteria A and C	SF 99-West Alternative, with or without the Porter Way Design Option	No Adverse Effect
731975	Community Center: 726 S 356th Street	ca. 1929	Determined NRHP Eligible: Criteria A and C	SF 99-East Alternative, with or without the Porter Way Design Option	No Adverse Effect
731933	Commercial Building: 7700 Pacific Highway E	1978	Determined NRHP Eligible: Criterion C	SF Enchanted Parkway Alternative	No Adverse Effect: The SF Enchanted Parkway Alternative would add an additional transportation option within a transportation corridor, which would be a compatible use and would not diminish any characteristics that qualify the resource for listing.
731933	Commercial Building: 7700 Pacific Highway E	1978	Determined NRHP Eligible: Criterion C	SF I-5 Alternative	No Adverse Effect: The SF I-5 Alternative would add an additional transportation option within a transportation corridor, which would be a compatible use and would not diminish any characteristics that qualify the resource for listing.
731933	Commercial Building: 7700 Pacific Highway E	1978	Determined NRHP Eligible: Criterion C	SF 99-West and SF 99-East alternatives, with Porter Design Option	No Adverse Effect: The Porter Design Option, whether paired with the SF 99-East or SF 99-West alternative, could construct the light rail track to the rear (one parcel west and southwest) of this resource. However, locating the line to the rear of this building does not diminish any of the characteristics that qualify the resource for listing.

Table 10-2 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731992, 731994, 731995, 731996, 731998, 731999, 732000, 732001	School and Residence: 36605 Pacific Highway S	ca. 1943	Determined NRHP Eligible under Criteria A, B, and C	SF 99-West Alternative, with or without the Porter Way Design Option	Adverse Effect Possible: While construction impacts would be temporary, the Federal Way SF 99-West Alternative would require partial acquisition and construct a new elevated track along the shoulder of Pacific Highway, which would potentially remove mature foliage and diminish the school's integrity of setting.
731992, 731994, 731995, 731996, 731998, 731999, 732000, 732001	School and Residence: 36605 Pacific Highway S	ca. 1943	Determined NRHP Eligible under Criteria A, B, and C	SF 99-East Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative would be separated from this location by the highway and existing screens of mature foliage would remain.
396993	Residence and Stables: 36530A Pacific Highway S	ca. 1900	Determined NRHP Eligible under Criteria A and B	SF 99-West Alternative, with or without the Porter Way Design Option	Adverse Effect Possible: The SF 99-West Alternative requires partial acquisition of this parcel, which could result in the removal of screening trees or other features of the resource that qualify it for listing in the NRHP.
396993	Residence and Stables: 36530A Pacific Highway S	ca. 1900	Determined NRHP Eligible under Criteria A and B	SF 99-East Alternative, with or without the Porter Way Design Option	Adverse Effect Possible: The SF 99-East Alternative requires partial acquisition of this parcel, which could result in the removal of screens of trees or other features that qualify the 1900 residence for listing in the NRHP. Additionally, this alternative demolishes a ca. 1977 outbuilding, which, if it contributes the resource's eligibility, could constitute an adverse effect.
395115	Residence: 36606 Pacific Highway S	1947	Determined NRHP Eligible under Criterion C	SF 99-West Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-West Alternative would be separated from this location by the highway and existing screens of mature foliage would remain.
395115	Residence: 36606 Pacific Highway S	1947	Determined NRHP Eligible under Criterion C	SF 99-East Alternative, with or without the Porter Way Design Option	Adverse Effect Possible: While construction impacts would be temporary, the SF 99-East Alternative would construct a new elevated track along the shoulder of Pacific Highway, which would potentially remove screening trees and diminish the residence's integrity of setting.

Table 10-2 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
395874	Residence: 36903 Pacific Highway S	1921	Determined NRHP Eligible under Criterion C	SF 99-West Alternative, with or without the Porter Way Design Option	Adverse Effect: The SF 99-West Alternative indicates demolition of an NRHP-eligible building at this location. Demolition constitutes an adverse effect.
395874	Residence: 36903 Pacific Highway S	1921	Determined NRHP Eligible under Criterion C	SF 99-East Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative would be separated from this location by the highway and existing screens of mature foliage would remain.
537584/ 725425	Gethsemane Catholic Cemetery: 37600 Pacific Highway S, Federal Way	1974	Determined NRHP Eligible under Criteria A and C	SF 99-West Alternative, with or without the Porter Design Option	No Adverse Effect: The SF 99-West Alternative could construct the new light rail line along the western shoulder of Highway 99, which would require alterations to the entrance and exit lanes outside the walls of the cemetery. While the new line would be visible from within the cemetery, it would not diminish any of the characteristics that qualify the resource for listing.
537584/ 725425	Gethsemane Catholic Cemetery: 37600 Pacific Highway S, Federal Way	1974	Determined NRHP Eligible under Criteria A and C	SF 99-East Alternative, with or without the Porter Design Option	No Adverse Effect: The SF 99-East Alternative could construct the line down a center median of Pacific Highway adjacent to the cemetery, which would require alterations to the entrance and exit lanes outside the walls of the cemetery. While the new line would be visible from within the cemetery, it would not diminish any of the characteristics that qualify the resource for listing.
731901	Daffodil Motel: 7909 Pacific Highway E	ca. 1948	Determined NRHP Eligible under Criterion C	SF 99-West Alternative, with or without the Porter Way Design Option	Adverse Effect Possible: The SF 99-West Alternative would require partial acquisition and demolition or relocation of signage along the highway, which has the potential to diminish the resource's integrity of setting, design, materials, and workmanship. The effect could be mitigated if the signage is retained or relocated to a nearby location.

Table 10-2 Effects on Built-Environment Resources in the South Federal Way Segment (continued)

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
731901	Daffodil Motel: 7909 Pacific Highway E	ca. 1948	Determined NRHP Eligible under Criterion C	SF 99-East Alternative, with or without the Porter Way Design Option	No Adverse Effect: The SF 99-East Alternative would be separated from this location by the highway and would not diminish the integrity of any characteristics that qualify the resource for listing.

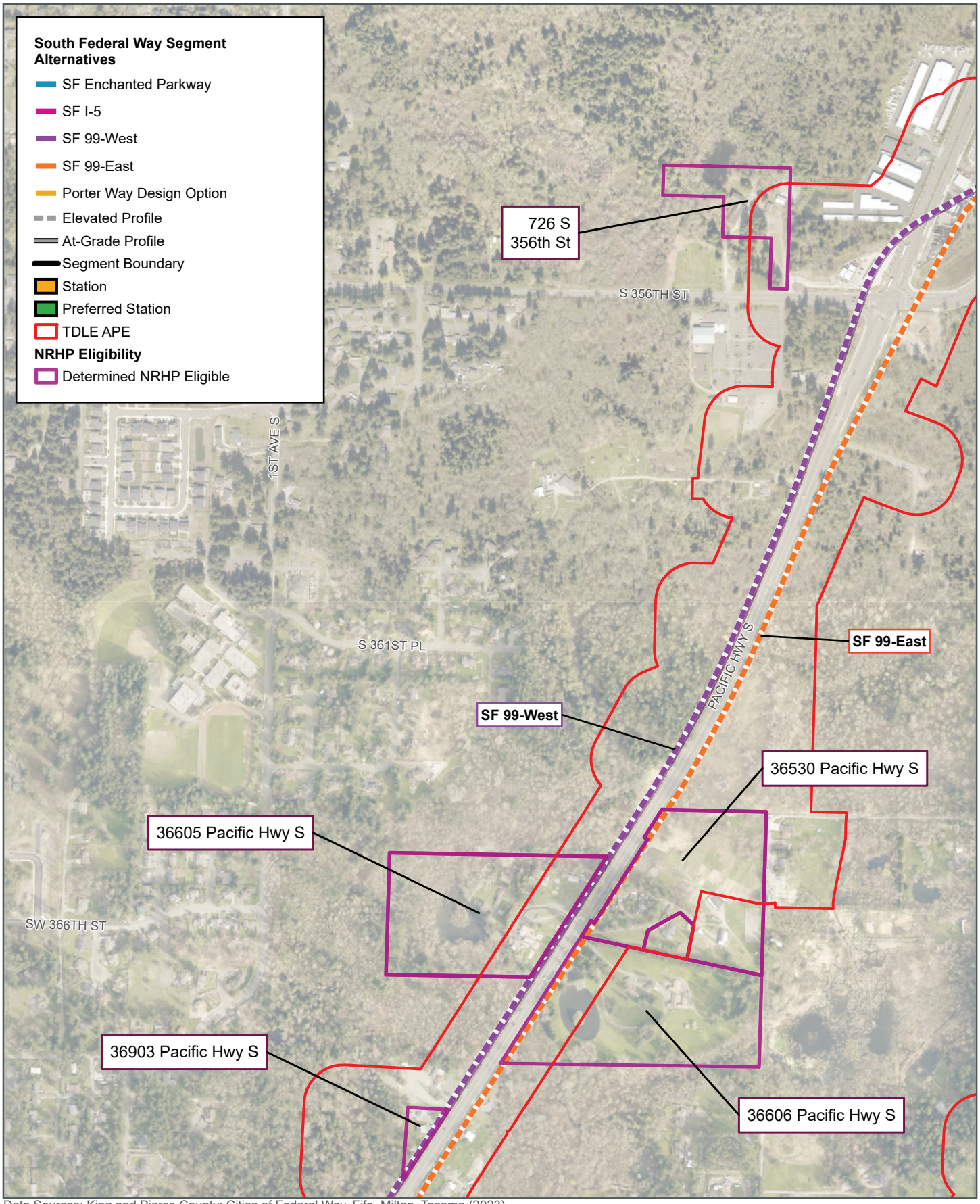

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE 10-1

Historic-Period, Built-Environment Resources Determined NRHP Eligible within the APE - Sheet 1

Tacoma Dome Link Extension

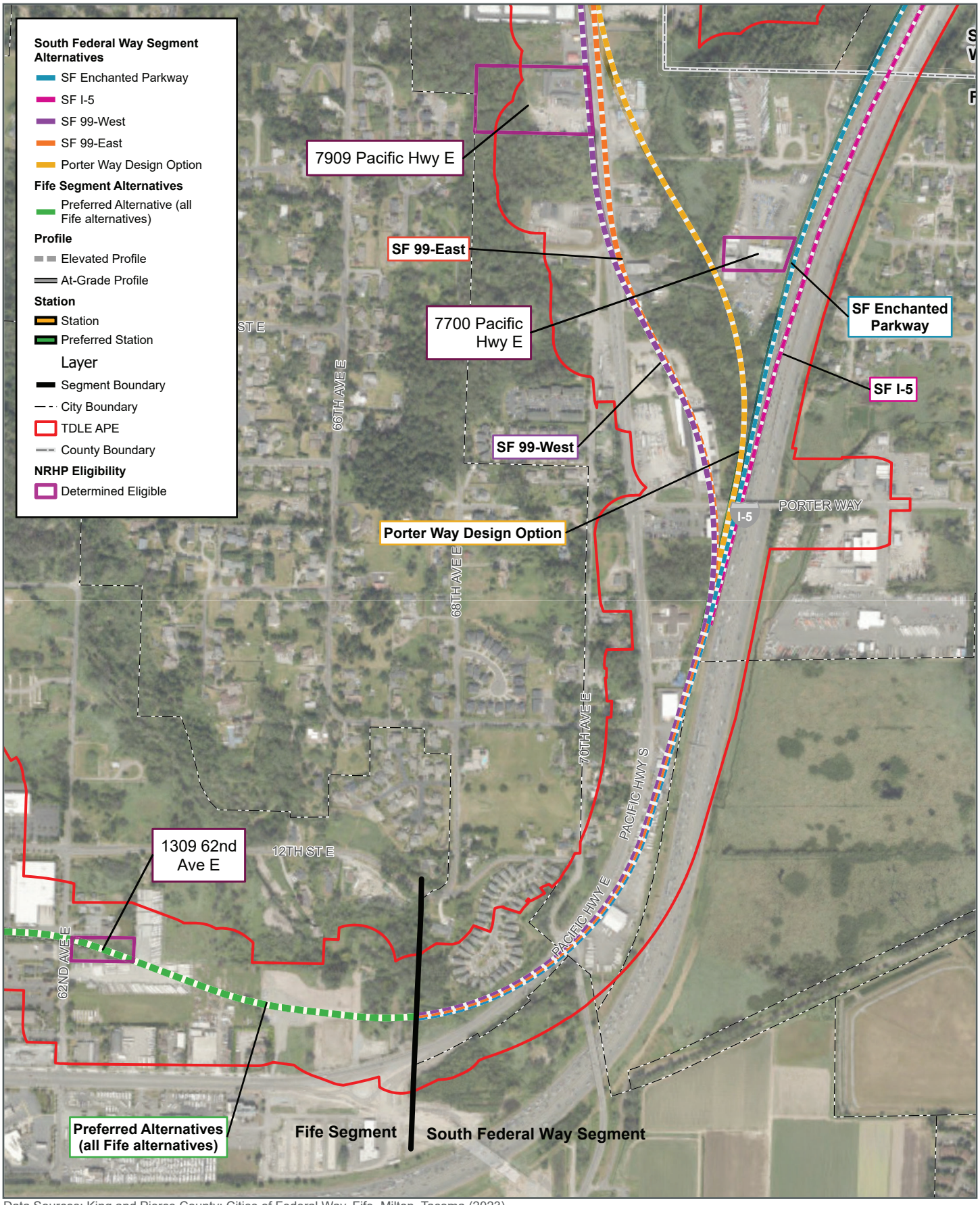

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE 10-2

Historic-Period, Built-Environment Resources Determined NRHP Eligible within the APE - Sheet 2

Tacoma Dome Link Extension

10.2.1.3 Fife Segment

All alternatives in the Fife Segment have the potential to have long-term, adverse effects on the built-environment resource at 1309 62nd Avenue E because the building will need to be demolished under all alternatives (Figure 10-2). Physical destruction of this property results in an adverse effect under Section 106. All alternatives share a single proposed alignment in this location near the future Fife station area.

The Fife Pacific Highway Alternative also has the potential to have long-term effects on the Pick-Quick Drive In at 4306 Pacific Highway E (Figure 10-3). This alternative would encroach upon the parcel and require demolition of the building, which constitutes an adverse effect.

By contrast, the Fife Median Alternative locates a raised track approximately 16 feet above the center lane of the Pacific Highway, leaving two lanes of east-bound traffic and a public sidewalk between the parcel and the new track. Realignment of the Pacific Highway to accommodate the elevated guideway would cause a small amount of the property to be acquired to adjust the sidewalk and driveway entrance. The light rail structure would be at such a height and at such a distance from the building that this alternative would not screen the building from view, directly affect the building or its surrounding parcel, or disrupt traditional transportation routes to and from Pacific Highway, thereby maintaining public access to the building. As proposed, the Fife Median Alternative would not adversely affect the character-defining features that qualify the property for inclusion in the NRHP. While the alternative would add an element to the building's setting, the effect would not be adverse as the building's relationship with the air space above Pacific Highway is not a characteristic that qualifies it for listing in the NRHP. The alteration to the resource's setting would not constitute an adverse effect.

The final alternative, the Fife I-5 Alternative, also has no potential to adversely affect the building, as it locates a raised track more than one block (roughly 500 feet) to the rear of this property and along the border of I-5, away from Pacific Highway. A recommendation of "no adverse effects" is indicated when the alterative will not diminish any characteristics that qualify the resource for listing (Table 10-3).

The house at 1309 62nd Avenue E would be adversely affected by all alternatives within the Fife Segment. Other portions of this segment include built environment resources that would be adversely affected by one or more, but not all, alternatives. These resources are in portions of the Fife Segment where there is not currently a Preferred Alternative. FTA determined that the project would have an adverse effect on the resource at 1309 62nd Avenue E. After the Sound Transit Board identifies a Preferred Alternative, FTA will assess impacts to additional built-environment resources within the Fife Segment.

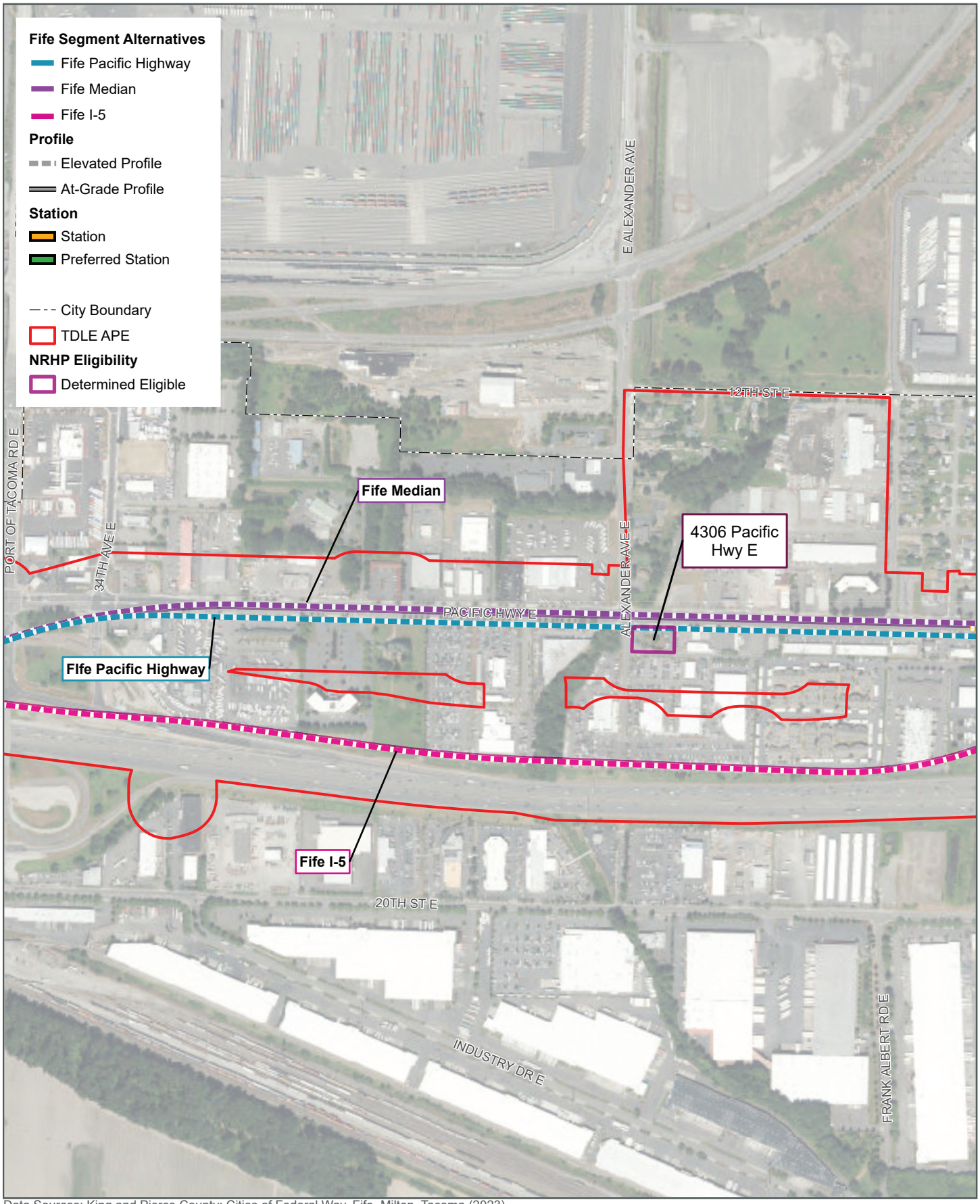

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE 10-3

Historic-Period, Built-Environment Resources Determined NRHP Eligible within the APE - Sheet 3

Tacoma Dome Link Extension

Table 10-3 Effects on Built-Environment Resources in the Fife Segment

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
31927	Residence: 1309 62nd Avenue E, Fife	1900	Determined NRHP Eligible: Criteria A and/or B or C	All Fife Segment alternatives	Adverse Effect: Demolition is indicated under all alternatives. Demolition constitutes an adverse effect.
29547	Pick-Quick Drive In: 4306 Pacific Highway E, Fife	1950	Determined NRHP Eligible: Criteria A and C	Fife Pacific Highway Alternative	Adverse Effect: Demolition is indicated under the Pacific Highway Alternative. Demolition constitutes an adverse effect.
29547	Pick-Quick Drive In: 4306 Pacific Highway E, Fife	1950	Determined NRHP Eligible: Criteria A and C	Fife Median Alternative	No Adverse Effect
29547	Pick-Quick Drive In: 4306 Pacific Highway E, Fife	1950	Determined NRHP Eligible: Criteria A and C	Fife I-5 Alternative	No Adverse Effect

10.2.1.4 Tacoma Segment

The Tacoma 25th Street-West, Tacoma 25th Street-East, Tacoma Close to Sounder, and Tacoma 26th Street alternatives are all near one or more of 14 built-environment resources either listed in or eligible for listing in the NRHP: three residences at 1320, 1112, and 1106 E 26th Street; a small segment of the Northern Pacific Railway/BNSF; a small segment of the Puyallup River levees; the BNSF freight warehouse at 603–605 Puyallup Avenue; Engine House 4 at 220–224 E 26th Street; four commercial buildings at 101 E 26th Street, 102 S 26th Street, 110 E 26th Street and 102 E 26th Street; and three bridges crossing the Puyallup River (Figures 10-4 and 10-5). Of the 14 resources, 12 are located outside the construction footprint for all alternatives and would not be physically altered. The 13th resource, the Northern Pacific/BNSF, crosses under all Tacoma alternatives west of the proposed Puyallup River Crossing. The rail corridors may be minimally affected by construction over the river, but construction activities will not adversely affect any characteristic that qualify them for listing in the NRHP and the great majority of the rail lines are located outside the APE and would remain unaltered. The 14th resource, the Puyallup River levees within the APE, may be minimally affected by construction over the river, but construction activities will not adversely affect any characteristic that qualifies them for listing in the NRHP because the great majority of the levee system would remain unaltered, and alterations of the levees within the APE would not be visible once construction was complete and the levees repaired in-kind.

Changes to the settings of the built-environment resources would also be minimal because most are located more than a block away from any of the proposed stations and tracks for the alternatives. This is true even for the three eligible bridges that carry historic associations with Tacoma's transportation development and feature views north to the Puget Sound. Under all alternatives, the bridges would retain integrity of setting and would retain their historic-period associations (visual, circulatory) with the surrounding historic transportation network. Apart from the existing rail corridors and levees, which are located along a river already crossed by numerous roadway and rail bridges, the only resources within a block of new construction are Engine House 4, which is approximately 16 feet away from proposed construction for the 26th Street Alternative and the four commercial buildings east of I-705 that are located along E and S 26th Street, where underground utility work is proposed in the right-of-way. Proposed plans indicate that the guideway will be located four stories above Engine House No. 4 and 16 feet away from the building and will not adversely affect any of the characteristics that qualify Engine

House No. 4 for listing in the NRHP. A concrete column supporting a bent for the raised track would be located in the adjacent parcel, which would lead to demolition of the non-historic building to the west of Engine House No. 4, but the building does not contribute to Engine House No. 4's eligibility and its removal would not alter a characteristic that qualifies Engine House No. 4 for inclusion in the NRHP. The commercial buildings east of I-705 on E 26th and S 26th Street are adjacent to a section of the right-of-way where utilities will be relocated underground. The buildings will not be directly affected or see any alterations to their immediate viewsheds. For the alternatives in the Tacoma Segment, FTA and Sound Transit propose a finding of no adverse effects on NRHP-listed or eligible built-environment resources, as they will not diminish any characteristics that qualify resources for listing (Table 10-4).

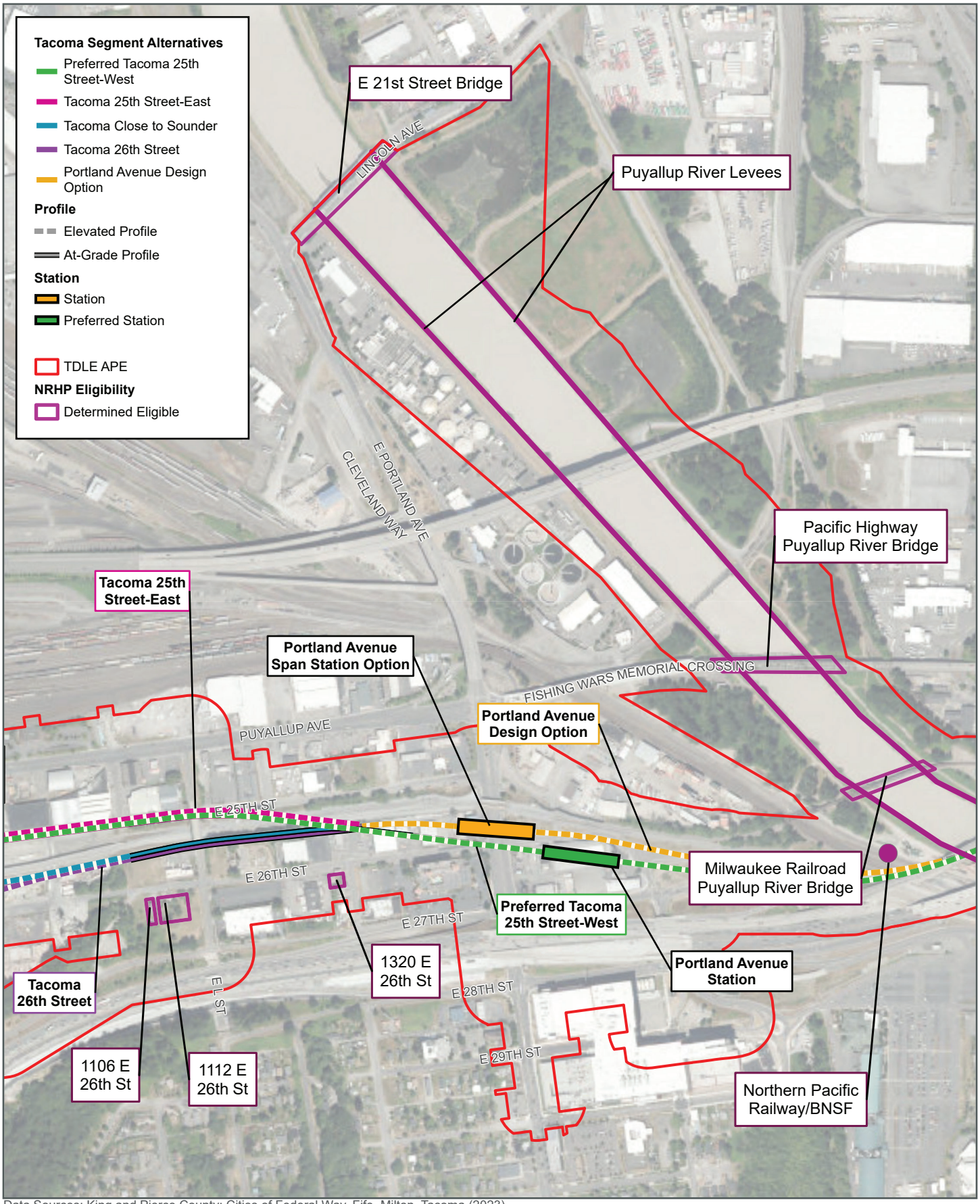

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE 10-4

Historic-Period, Built-Environment Resources Determined NRHP Eligible within the APE - Sheet 4

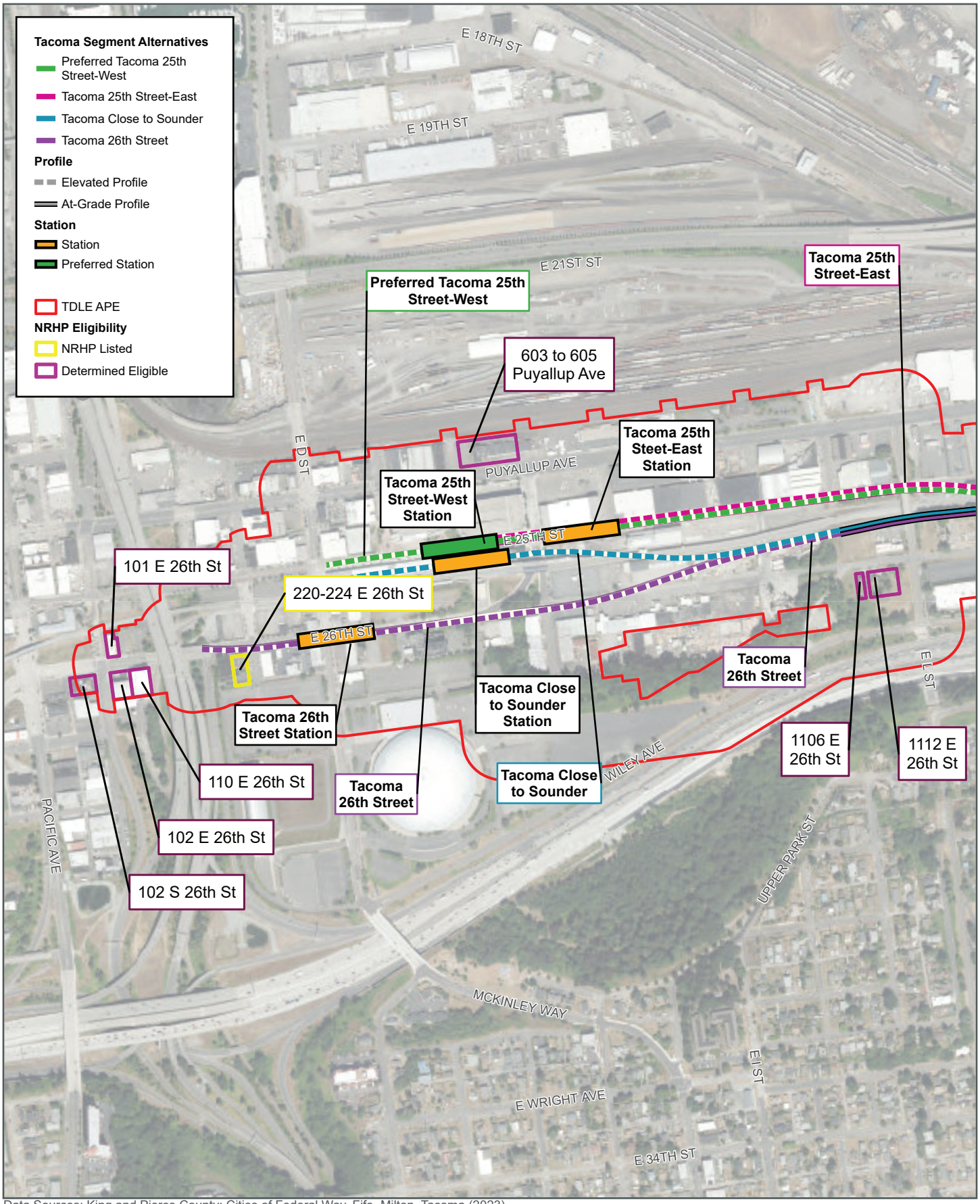

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE 10-5

Historic-Period, Built-Environment Resources Determined NRHP Eligible within the APE - Sheet 5

Tacoma Dome Link Extension

Table 10-4 Effects on Built-Environment Resources in the Tacoma Segment

Resource ID	Name/Address	Build Date	NRHP Eligibility	Alternative	Assessment of Effects
536705	Residence, 1320 E 26th Street, Tacoma	1914	Determined NRHP Eligible: Criterion C	All Tacoma Segment alternatives	No adverse effect
721797	Residence, 1112 E 26th Street, Tacoma	1903	Determined NRHP Eligible: Criterion C	Tacoma Close to Sounder and 26th Street alternatives	No adverse effect
516320	Residence, 1106 E 26th Street, Tacoma	1903	Determined NRHP Eligible: Criterion C	Tacoma Close to Sounder and 26th Street alternatives	No adverse effect
722117	Puyallup River Levees	1950	Determined NRHP Eligible: Criterion A	All Tacoma Segment alternatives	No adverse effect
31231	Milwaukee Railroad-Puyallup River Bridge, Tacoma (railroad crossing)	1910	Determined NRHP Eligible: Criteria A and C by FHWA (2009)	All Tacoma Segment alternatives	No adverse effect
31786	Puyallup River Bridge, Tacoma (Pacific Highway E crossing)	1927	Determined NRHP Eligible: criteria undetermined by FHWA (2013)	All Tacoma Segment alternatives	No adverse effect
90499	East 21st Street Bridge, Tacoma (Lincoln Avenue crossing)	1929	Determined NRHP Eligible: criteria undetermined by FHWA (2008)	All Tacoma Segment alternatives	No adverse effect
722131	Northern Pacific Railway/BNSF	ca. 1873	Determined NRHP Eligible: Criterion A	All Tacoma Segment alternatives	No adverse effect
32815	BNSF Freight Warehouse, 603-605 Puyallup Avenue, Tacoma	ca. 1945	Determined NRHP Eligible: Criteria A and C	Tacoma 25th Street-West and 25th Street-East alternatives	No adverse effect
31673	Engine House 4 – Tacoma Fire Station No. 4, 220-224 E 26th Street, Tacoma	1910	Listed in the WHR and NRHP in 1984	Tacoma 26th Street Alternative	No adverse effect
31674	Commercial building, 101 E 26th Street, Tacoma	1909	Determined NRHP Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect
536748	Commercial building, 102 S 26th Street, Tacoma	1937	Determined NRHP Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect
536754	Commercial building, 110 E 26th Street, Tacoma	1920	Determined NRHP Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect
722335	Commercial building, 102 E 26th Street, Tacoma	1962	Determined NRHP Eligible: Criteria A and C	Tacoma 26th Street Alternative	No adverse effect

10.2.2 Construction Effects on Built-Environment Resources

Construction-related effects to built-environment resources can be caused by several factors, including, but not limited to, restricted access, increased truck traffic along haul routes, glare, noise, vibration, and temporary changes to setting. These factors can lead to reduced commercial activity and reduced investment in historic resources. Typically, these impacts would not be considered adverse effects under Section 106 of the National Historic Preservation Act unless they diminish the characteristics that contribute to a historic property's National Register eligibility.

10.2.2.1 Federal Way Segment

Because there are no NRHP-eligible or listed built-environment resources in the APE for the Federal Way Segment, there is no potential for the Preferred FW Enchanted Parkway or FW Design Option to lead to short-term construction effects on NRHP-listed or eligible built-environment resources.

10.2.2.2 South Federal Way Segment

Both the SF 99-West Alternative and the SF 99-East Alternative are anticipated to result in adverse effects to the NRHP-eligible resources located within or adjacent to the construction footprints for each alternative. Additionally, temporary effects are possible in relation to construction, based on the close proximity of construction and temporary construction easement needs, which could restrict public access, lead to increased noise and vibration, and limit economic, spiritual, or educational activities at commercial, religious, and educational resources, including the Denny's Restaurant at 34726 16th Avenue S, the Gethsemane Cemetery at 37600 Pacific Highway S, the school at 36605 Pacific Highway S and the motel at 7909 Pacific Highway E (the SF 99-West Alternative), the stables at 36530A Pacific Highway S (the SF 99-East Alternative), and the showroom at 7700 Pacific Highway E (the SF Enchanted Parkway Alternative, the SF I-5 Alternative, and the Porter Design Option, paired with either the SF 99-West Alternative or the SF 99-East Alternative).

10.2.2.3 Fife Segment

No adverse effects are anticipated in the Fife Segment; however, the Fife Median Alternative could have temporary construction effects on the Pick-Quick Drive In (4306 Pacific Highway E). These effects would result from the close proximity of construction and temporary construction easement needs, which could restrict public access, lead to increased noise and vibration, and limit economic activity for the business.

10.2.2.4 Tacoma Segment

No adverse effects are anticipated to NRHP-eligible or listed built-environment resources for the Preferred Tacoma 25th Street-West, Tacoma 25th Street-East, or Tacoma Close to Sounder alternatives. The Tacoma 26th Street Alternative is expected to have a short-term construction impacts on Engine House 4, 101 E 26th Street, 102 S 26th Street, 110 E 26th Street, and/or 102 E 26th Street due to the close proximity of construction and temporary construction easement needs, which could restrict public access to these resources, lead to increased noise or vibration, and limit economic activity for businesses; however, no adverse effects are anticipated under Section 106.

10.2.3 Indirect Effects on Built-Environment Resources

Indirect effects of TDLE may include increased population, transportation, and commercial and economic activity in the area, including associated public infrastructure, retail, residential, or industrial construction projects that occur over time after the project is operating. These urban development pressures may be higher near station areas, where the economic and mobility benefits of light rail would be most apparent. Other urban development activities may impact historic-period, built-environment resources either through potential redevelopment of historic properties or through changes to their surrounding settings that add up over time. While the direct alteration or removal of an historic property would be an adverse effect, indirect impacts associated with increased development due to changes in historic settings may be minimal, depending on their context. For example, the NRHP-eligible built-environment resources in the South Federal Way Segment are located along Pacific Highway, which is a local thoroughfare. While the addition of a light rail line will add additional transportation options within the transportation corridor, those uses will be compatible with existing transportation uses, and any resulting growth will likely be consistent with historic patterns. Highway traffic may increase or decrease over time. Because no stations are proposed within the vicinity of NRHP-eligible resources, the addition of a light rail line may not greatly alter patterns of use and development in the area along the South Federal Way Segment. Indirect effects to resources, including alterations to their setting, which does not retain a high degree of integrity, will not diminish their integrity in such a way as to decrease their eligibility. Similarly, most of the NRHP -eligible or listed historic-period, built-environment resources in Tacoma and Fife have long been defined by their location along a growing transportation corridor associated with the Port of Tacoma, the transcontinental railroad, and roadways linking Tacoma and Seattle. These areas have been through numerous periods of development and change and do not retain high integrity of setting, are not home to NRHP-listed historic districts, and are not noteworthy for their cohesive architectural character. Those resources that have been determined eligible are located within heavily altered settings and will remain eligible if the transportation corridor with which they are associated continues to evolve over time in association with the construction of TDLE.

10.3 Potential Mitigation for Adverse Effect

10.3.1 Archaeological Resources

Sound Transit’s survey and inventory identified two new archaeological resources, 45PI1557 and 45KI1586, that have been determined eligible for listing in the NRHP and one resource, 45PI1555, that has not yet been evaluated for listing and is treated as eligible for the purposes of assessing effects and mitigation measures at this time. Two previously identified resources within the APE, 45PI488 and 45PI1327, are either NRHP eligible or listed in the NRHP. Currently, archaeological site 45PI1557 is the only archaeological site that would be adversely affected by all alternatives in the Tacoma Segment. Sound Transit recommends that FTA determine that the project will have an adverse effect on this resource. As the project is refined additional analysis and consultation will be conducted on adverse effects to historic properties resulting from the project.

Additionally, the archaeological inventory work and desktop analysis discussed above have highlighted areas with high to very high potential for encountering archaeological resources and human remains. Information shared by the Puyallup Tribe of Indians, specifically, during consultation has highlighted these concerns. Currently, as understood by Sound Transit, each of the alternatives within each segment have similar risk of encountering these cultural resources.

In order to assess these risks, Sound Transit will need to engage in additional preconstruction archaeological investigations. It is likely that these investigations will be phased as a result of the property acquisition process. Investigations will focus on specific areas of concern within each segment. Sound Transit, in coordination with FTA will develop an investigations and treatment plan that identifies specific areas where investigations will be focused. FTA and Sound Transit would consult with SHPO, the Puyallup Tribe of Indians, the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, the Confederated Tribes and Bands of the Yakama Nation, and other consulting parties to develop and review the plan. If precontact or historic-period archaeological sites are encountered, FTA and Sound Transit would consult with SHPO, affected Tribes, and other consulting parties about eligibility for listing in the NRHP, project effects, necessary mitigation, and/or other treatment measures.

To resolve potential adverse effects, FTA and Sound Transit, in consultation with SHPO, affected Tribes, and other interested parties, will prepare and execute a Section 106 Programmatic Agreement. A draft of this agreement is included in Attachment J5.13. Consultation on this agreement will continue throughout the remainder of the environmental review process and will be executed prior to FTA's issuance of a Record of Decision. The agreement would include appropriate mitigation measures to resolve the adverse effects to the eligible resources. Examples of mitigation measures include, but are not limited to, modifying the undertaking through redesign, reorientation, or other similar changes, implementing data recovery of archaeological information and materials, preparing a National Register nomination for an archaeological site, and preparing an ethnographic study. An archaeological resource monitoring and treatment plan and unanticipated discovery plan would be prepared to guide archaeological monitoring work before and during construction.

10.3.2 Built-Environment Resources

NRHP-eligible and listed built-environment resources are located along the South Federal Way, Fife, and Tacoma segments.

In South Federal Way, resources adjacent to Pacific Highway will be directly and indirectly affected by the SF 99-West and SF 99-East alternatives, which will require partial acquisition of parcels flanking the highway. In addition, these alternatives would require the removal of screening trees and/or signage and, in some cases, the demolition of resources that are NRHP-eligible, like the residence at 36903 Pacific Highway S (SF 99-West Alternative), or resources that may contribute to an eligible resource, like the ca. 1977 outbuilding at 36530A Pacific Highway S (SF 99-East Alternative).

In Fife, the NRHP-eligible residence located at 1309 62nd Avenue E would be adversely affected by all Fife alternatives. The building would be demolished. In addition, if the Pacific Highway East Alternative is identified by Sound Transit as the Preferred Alternative, the NRHP-eligible Pick-Quick Drive In at 4306 Pacific Highway E would also be demolished, creating an adverse effect. However, only 1309 62nd Avenue East is adversely affected by all alternatives in this segment. Sound Transit recommends that FTA determine that the project will have an adverse effect on this resource. After the Sound Transit Board identifies a Preferred Alternative in all segments, consultation will be conducted on adverse effects to historic properties resulting from the project.

To resolve the potential adverse effects, FTA, SHPO, and Sound Transit, in consultation with the appropriate local jurisdictions as well as other consulting parties, will prepare and execute a Section 106 Programmatic Agreement. A draft of this agreement is included in Attachment J5.13. Consultation on this agreement will continue throughout the remainder of the environmental

review process and will be executed prior to the Record of Decision during preparation of the Final EIS. The agreement would include appropriate mitigation measures to resolve the adverse effects to the eligible resources. Examples of mitigation measures include, but are not limited to, preparing additional documentation or interpretation for the resources, designing/installing an interpretive/educational display or exhibit, or preparing an NRHP nomination (DAHP 2020b).

10.4 Section 4(f) Applicability

Ten resources located along the South Federal Way Segment in the APE have been determined eligible for listing in the NRHP and qualify for protection under Section 4(f). Six of those resources are subject to potential adverse effects under Section 106 of the NHPA in association with one or more alternatives: one with both the SF Enchanted Parkway and SF I-5 alternatives (Site 45K1586), four with the SF 99-West Alternative (Montessori Academy at Spring Valley, K.C.J. Stables and residence, and residence at 36606 Pacific Highway S, and Daffodil Motel), and two with the SF 99-East Alternative (K.C.J. Stables and Residence and residence at 36606 Pacific Highway S). The adverse effect to these properties would constitute a Section 4(f) use.

Two built-environment resources determined eligible for listing in the NRHP along the Fife Segment will be subject to adverse effects under Section 106 with one or more TDLE alternative: two with the Fife Pacific Highway Alternative (vacant residence at 1309 62nd Avenue E and Pick-Quick Drive In at 4306 Pacific Highway E) and one with the Fife Median and Fife I-5 alternatives (residence at 1309 62nd Avenue E). The adverse effect to these properties would constitute a use under Section 4(f). None of the alternatives would adversely affect any resources in the Tacoma Segment or use any Section 4(f) resources. Pursuant to Section 4(f) of the Department of Transportation Act of 1966 (23 CFR Part 774), an individual Section 4(f) analysis has been prepared (Appendix D, Section 4(f) Evaluation) and a summary is presented in Section 4.18 of the Draft EIS.

In addition to the historic built environment and archaeological resources, there is potential for TCPs within the project area. There are no known or previously identified TCPs within the project APE; however, FTA, in coordination with Sound Transit, will continue to consult and address the potential use of Section 4(f) resources as the project advances.

Section 4(f) resources also include NRHP-eligible or -listed archaeological sites that warrant preservation in place. Documented archaeological sites located within the APE are considered eligible per Criterion D of the National Register for the potential to yield valuable information important to prehistory and history, and as such, have minimal value for preservation in place. Should additional NRHP-eligible archaeological resources be identified as the project advances, FTA will determine whether a site qualifies as a Section 4(f) resource and coordinate with the SHPO or THPO, as appropriate, as the Official with Jurisdiction.

Tables 10-5 through 10-7 summarize the potential effects and use determinations by segment.

Table 10-5 Summary of Potential Effect under Section 106 and Preliminary Section 4(f) Use Determinations by Alternative for the South Federal Way Segment

NRHP Eligible Resources	SF Enchanted Parkway		SF I-5		SF 99-West[1]		SF 99-East[1]	
	Section 106	Section 4(f)	Section 106	Section 4(f)	Section 106	Section 4(f)	Section 106	Section 4(f)
Denny's Restaurant at 34726 16th Avenue S, Federal Way	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Brooklake Community Center, 726 S 356th Street, Federal Way	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Montessori Academy at Spring Valley, 36605 Pacific Highway S, Federal Way	No adverse effect	No use	No adverse effect	No use	Potential adverse effect	Use	No adverse effect	No use
K.C.J. Stables and Residence, 36530A Pacific Highway S, Federal Way	No adverse effect	No use	No adverse effect	No use	Potential adverse effect	Use	Potential adverse effect	Use
Residence at 36606 Pacific Highway S, Federal Way	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	Potential adverse effect	Use
Residence at 36903 Pacific Highway S, Federal Way	No adverse effect	No use	No adverse effect	No use	Potential adverse effect	Use	No adverse effect	*De minimis*
Gethsemane Catholic Cemetery, 37600 Pacific Highway S, Federal Way	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Site 45KI1586	Potential adverse effect	Use	Potential adverse effect	Use	No adverse effect	No use	No adverse effect	No use
Daffodil Motel, 7909 Pacific Highway E, Milton	No adverse effect	No use	No adverse effect	No use	Potential adverse effect	Use	No adverse effect	No use
Commercial Building at 7700 Pacific Highway E, Milton	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use

Notes:

(1) Preliminary Section 4(f) use determinations apply with or without the Porter Way Design Option.

Table 10-6 Summary of Potential Effect under Section 106 and Preliminary Section 4(f) Use Determinations by Alternative for the Fife Segment

NRHP Eligible Resource	Fife Pacific Highway[1]		Fife Median[1]		Fife I-5[1]	
	Section 106	Section 4(f)	Section 106	Section 4(f)	Section 106	Section 4(f)
Residence at 1309 62nd Avenue E, Fife	Adverse effect	Use	Adverse effect	Use	Adverse effect	Use
Pick-Quick Drive In, 4306 Pacific Highway, Fife	Potential adverse effect	Use	No adverse effect	*De minimis*	No adverse effect	No use

Note:

(1) Preliminary Section 4(f) use determinations apply with or without the 54th Street Design Option or 54th Span Design Option.

Table 10-7 Summary of Potential Effect under Section 106 and Preliminary Section 4(f) Use Determinations by Alternative for the Tacoma Segment

NRHP Eligible Resource	Tacoma 25th Street-West[1]		Tacoma 25th Street-East[1]		Tacoma Close to Sounder[1]		Tacoma 26th Street[1]	
	Section 106	Section 4(f)	Section 106	Section 4(f)	Section 106	Section 4(f)	Section 106	Section 4(f)
Milwaukee Railroad-Puyallup River Bridge, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Northern Pacific Railway/BNSF, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Puyallup River Bridge (Pacific Highway E), Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
E 21st Street Bridge (Lincoln Avenue), Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Puyallup River Levees	No adverse effect	*De minimis*	No adverse effect	*De minimis*	No adverse effect	*De minimis*	No adverse effect	*De minimis*
Engine House 4 – Tacoma Fire Station No. 4, 220-224 E 26th Street, Tacoma (NRHP listed)	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Residence, 1320 E 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Residence, 1112 E 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Residence, 1106 E 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Commercial building, 603-605 Puyallup Avenue, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Commercial building, 101 E 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Commercial building, 102 S 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Commercial building, 110 E 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use
Commercial building, 102 E 26th Street, Tacoma	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use	No adverse effect	No use

Note:

(1) Preliminary Section 4(f) use determinations apply with or without the Portland Avenue Design Option.

11 SUMMARY AND RECOMMENDATIONS

Seventeen previously recorded archaeological resources are located within the project APE, including two NRHP-eligible sites, 45PI488 and 45PI1327. Nine additional archaeological sites (45KI1583, 45KI1584, 45KI1585, 45KI1586, 45KI1587, 45KI1588, 45PI1555, 45PI1556, and 45PI557) were newly identified and recorded as a result of this survey. Of the nine newly identified archaeological resources, sites 45KI1586 (encountered during near-surface archaeological field investigations) and 45PI1557 (encountered during geoarchaeological investigations) have been determined eligible for listing in the NRHP. Site 45PI1555 requires additional analysis to determine NRHP eligibility, and the remaining six sites — 45KI1583, 45KI1584, 45KI1585, 45KI1587, 45KI1588, and 45PI1556 — have been determined not eligible for listing in the NRHP.

The current archaeological findings are based on archaeological investigations within the APE that were conducted on public right-of-way or on private parcels for which approved rights of entry had been granted. Additional pedestrian survey and shovel probe excavations are needed in portions of the APE that were not accessible due to access restrictions before a complete determination of the project's effects on archaeological resources eligible or listed in the NRHP. The results of this additional work will be included in the Final EIS for the project.

A total of 233 historic built-environment resources were documented within the project APE. Of these, five properties were previously evaluated and determined eligible or listed to the NRHP and 21 properties were determined eligible for listing in the NRHP by FTA on May 29, 2024. SHPO concurred on June 26, 2024.

Based on the information provided in this report and results of the cultural resources survey, including geoarchaeological borings, FTA, in coordination with Sound Transit, has determined TDLE, as currently designed, will have an adverse effect to historic properties. On September 9, 2024, FTA, in coordination with Sound Transit, consulted on a finding of Adverse Effect for the project with SHPO, consulting Tribes and other consulting parties. SHPO concurrence with the effects determination is pending. FTA plans to notify the Advisory Council on Historic Preservation of the Adverse Effect finding following effects consultation with SHPO. FTA, in coordination with Sound Transit, will develop a Section 106 agreement document in consultation with SHPO, consulting Tribes and other consulting parties to resolve adverse effects to historic properties.

11.1 Archaeological Resources

Nine archaeological sites were newly identified and recorded as a result of the investigation. Of these, sites 45KI1586 and 45PI1557, have been determined eligible for listing in the NRHP. FTA, in coordination with Sound Transit, consulted on the determination of eligibility of archaeological resources with SHPO, consulting Tribes and other consulting parties, as appropriate, on May 29, 2024. SHPO concurred with these determinations on June 26, 2024. Site 45PI1555 was not formally evaluated and will require additional analysis and consultation to determine NRHP eligibility because of the nature of the site.

FTA determined the project will have an adverse effect on site 45PI1557. Additional adverse effects to archaeological resources may be made by FTA after the Sound Transit Board identifies a Preferred Alternative following publication of the Draft EIS. FTA, in coordination with Sound Transit, consulted on the determination of effects to archaeological resources with SHPO,

consulting Tribes and other consulting parties on September 9, 2024. SHPO concurrence with these determinations is pending.

Geoarchaeological investigations along the APE revealed complex stratigraphy consistent with an actively aggrading deltaic setting within which deposits representing stable landforms conducive to human occupation have been preserved. Boring along the TDLE corridor revealed the presence of multiple buried soils at various depths in the basin, suggesting this setting near the mouth of the Puyallup River included areas of hospitable landscape over thousands of years.

Throughout the Fife and Tacoma segments, deposits representing wetlands and alluvial floodplains were found to depths of up to 20 meters (66 feet) bgs in many of the bores. These delta-top deposits attest to a resource-rich marsh or wetland setting with alluvial and tidal channels flowing between higher-elevation levees and floodplains where soils formed. These higher, drier areas would have been conducive to human occupation and represent deposits with a high probability for containing archaeological resources. Buried surfaces within these deposits date to the last 5,500 years.

More deeply buried sediments with archaeological potential were identified along the left (west) bank of the Puyallup River. Intertidal and tidal marsh deposits representing nearshore or shoreline deposits were found between approximately 15 and 22 meters (50 and 72 feet) bgs in this area. These deposits correspond to a possible shell midden deposit identified during geotechnical boring for TDLE (Stevenson 2020) and a high-potential beach deposit described by Hodges (2009).

At the far western end of the project, very deeply buried soils and peats were found at the same depth and stratigraphic position as previously recorded archaeological site 45PI1327. These deposits represent over 5,000 years of landscape stability and have a high probability to contain evidence of late Pleistocene or early Holocene human activities at the location.

Results of the geoarchaeological borings and shovel testing within the project APE provide a general picture of the depositional history of the area This information will help guide additional archaeological investigations along the project corridor, as needed, to determine the spatial extent of high-probability deposits (and/or to gather samples for archaeological examination) and better assess the potential to impact archaeological resources.

11.2 Historic-Period, Built-Environment Resources

Of the 233 historic built environment resources documented, 21 properties were determined eligible for listing in the NRHP. In addition, there are five existing resources that have been previously evaluated NRHP-eligible or -listed properties within the project area. FTA, in coordination with Sound Transit, consulted on the determination of eligibility on May 29, 2024, and SHPO concurred with these determinations on June 26, 2024. FTA, in coordination within Sound Transit, made effects determinations for individual resources and a finding of adverse effects for the TDLE project on September 9, 2024. SHPO concurrence with these determinations is pending. Consultation with Tribes and other consulting parties is ongoing and will occur as appropriate throughout the project lifetime.

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Tacoma Dome Link Extension

ATTACHMENT J5.1

Previous Cultural Resource Investigations and Supplementary 1-Mile Study Area Tables and Maps

SOUNDTRANSIT

Table J5.1-1. Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the Project APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1685856	Baldwin, Garth (2014)	Cultural Resources Assessment for the Pacific Highway South HOV Lanes Phase V (S 340th Street to S 359th Street) Project, Federal Way	No further action required	0.03 miles
1348206	Bard, James (2006)	FINAL REPORT: Cultural Resources Discipline Report for I-5 SR 161/SR 18 Triangle Improvements	No further action required	Within APE, overlaps area of expected ground disturbance
1345011	Earley, Amber (2005)	Cultural Resources Assessment of the Thompson Park Project, Federal Way	No further action required	Overlaps APE
1339832	Larson Archaeological Services (1999)	Regional Express/Federal Way and Star Lake Project Cultural Resource Assessment, Federal Way Alternative	No further action required	Within APE
1345762	Luttrell, Charles (2005)	Letter to Kimberly Farley Regarding I-5: Pierce County Line to Tukwila Stage 4 HOV Project	No further action required	Within area of anticipated ground disturbance
1348213	Luttrell, Charles (2006)	Cultural Resources Investigations for Washington Department of Fish and Wildlife's Lake Dolloff Access Redevelopment Project	No further action required	1 mile
1691696	Stipe, Frank (2016)	Weyerhaeuser Property Cultural Resource Investigation	No further action required	0.34 miles
1693455	Stipe, Frank (2017)	Talasaea Consultants Project Number TAL-1572F, Federal Way Development Project	No further action required	0.35 miles
1350995	Tingwall, Douglas (2008)	Cultural Resource Report, Pacific Highway S (SR 99) Phase IV Improvements Project, Federal Way	No further action required	0.6 miles
1694057	Lenz and Murphy (2019)	Cultural Resource Assessment for the Danilchik Plat, Federal Way, King County, Washington	No further action required	0.95 miles

Table J5.1-2. South Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the Project APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1689728	Amell, Sarah (2017)	Cultural Resources Assessment for the William J. Meers Homestead, Federal Way, King County	Historic homestead	0.27 miles
1685856	Baldwin, Garth (2014)	Cultural Resources Assessment for the Pacific Highway South HOV Lanes Phase V (S 340th Street to S 359th Street) Project, Federal Way	No further action required	0.03 miles
1686954	Baldwin, Garth (2015)	Cultural Resources Assessment for the S 356th Street Roadway Improvements Project, Federal Way	No further action required	Overlaps APE
1348206	Bard, James (2006)	FINAL REPORT: Cultural Resources Discipline Report for I-5 SR 161/SR 18 Triangle Improvements	No further action required	Within APE, overlaps area of expected ground disturbance
1354575	Boersema, Jana (2010)	A Cultural Resource Survey of Clerget Industries Highway 99 Parcel, Milton	No further action required	0.1 miles
1689800	Boswell, Sharon (2017)	Cultural Resources Assessment for the Gethsemane Cemetery Phased Long-Range Master Plan, Federal Way	No further action required	Within the APE
1685866	Chambers, Jennifer (2009)	Cultural Resources Assessment for the City of Edgewood, Meridian Avenue Sewer LID No.1 Improvement Project	No further action required	0.01 miles
1345011	Earley, Amber (2005)	Cultural Resources Assessment of the Thompson Park Project, Federal Way	No further action required	Overlaps APE
1342738	Forsman, Leonard (2003)	PAAGA Property Conceptual Mitigation Plan Archaeological Resources Assessment	No further action required	0.25 miles
1351636	Livingston, Stephanie (2008)	Addendum to the I-5 to SR 161/SR 18 Triangle Improvements Cultural Resources Discipline Report	No further action required	0.2 miles
1342699	Luttrell, Charles (2003)	Cultural Resources Investigations for Washington State Department of Transportation's SR 161: Milton Way to S 360th Street Project	No further action required	0.01 miles
1345762	Luttrell, Charles (2005)	Letter to Kimberly Farley Regarding I-5: Pierce County Line to Tukwila Stage 4 HOV Project	No further action required	Within area of anticipated ground disturbance

Table J5.1-2. South Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1685163	Riser, J. Lauran (2014)	Cultural Resources Survey, SR 99 West Fork Hylebos Creek Culvert Replacement Project	No further action required	0.2 miles
1680842	Rooke, Lara (2011)	An Archaeological Assessment for the Proposed Spring Valley Underground Storage Tank Site	Spring Valley Service Station debris	0.08 miles
1681075	Rooke, Lara (2011)	Archaeological Monitoring Report for the Spring Valley Underground Storage Tank Site Removal Project	Spring Valley Service Station debris	0.07 miles
1681800	Shong, Michael (2012)	Letter to Robert Brenner RE: Results of Archaeological Monitoring for the Port Parcel 88 Combined Habitat Project, Port of Tacoma	45PI1203 and 45PI1188	0.75 miles
1346680	Sparks, Shane (2005)	Letter to Tom Whitney Regarding a DRAFT Archaeological and Historical Resources Survey for the Spring Valley Restoration Project	No further action required	0.07 miles
1691696	Stipe, Frank (2016)	Weyerhaeuser Property Cultural Resource Investigation	No further action required	0.34 miles
1693455	Stipe, Frank (2017)	Talasaea Consultants Project Number TAL-1572F, Federal Way Development Project	No further action required	0.35 miles
1685291	Shong and Miss (2014)	Cultural Resources Assessment of Christy's Crossing Development, King County, Washington	45KI1169	0.95 miles
1694129	Homan and Perkins (2020)	A Cultural Resources Assessment of the Tacoma-Raver/Tacoma-Covington Access Road Improvements Project, King and Pierce Counties, Washington	No further action required	0.82 miles
1694271	Kretzler and Berger (2020)	Cultural Resources Assessment for the Milton Trailhead/Interurban Trail Project, Milton, Pierce County, Washington	No further action required	0.1 miles
1694343	Noll and Thomas (2020)	Cultural Resources Survey for the SR 167/ I-5 to SR 509/Stage 1b of the Washington State Department of Transportation SR 167 Extension Project - Puyallup to SR 509, King and Pierce Counties, Washington	No further action required	Overlaps APE
1694621	Berger et al. (2020)	Cultural Resources Assessment for the SR 99/Porter Way Project, Milton, Pierce County, Washington	No further action required	Overlaps APE

Table J5.1-2. South Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1694910	Yeates et al. (2021)	Cultural Resources Study for the SR 167 Completion/Olympic Pipeline Relocation Project, City of Fife, City of Milton and Pierce County, Washington	No further action required	Overlaps APE
1695162	Berger and Gardner (2021)	Cultural Resources Assessment for the 2021 Marc Avenue Demolition Project, Pierce County, Washington	No further action required	0.67 miles
1695535	Hoyt et al. (2021)	State Route (SR) 161 Unnamed Tributaries to East Fork Hylebos Creek Fish Passage Project, King County, Washington - Cultural Resources Assessment	45PI1408	0.55 miles
1353746	Harrison et al. (2007)	Cultural Resources Survey of the Nordlund Boat Company Proposed Rock Bulkhead Wall Project, Pierce County, Washington	No further action required	0.96 miles
1692560	Littauer (2019)	Cultural Resources Investigation of the City of Tacoma Marine View Drive Railroad Crossing Improvement Project, Port of Tacoma, Pierce County, Washington	No further action required	0.99 miles

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1352410	Bard, James C. (2009)	Tacoma Pierce County HOV Program I-5: Port of Tacoma Road to King County Line – HOVE Historic Cultural and Archaeological Resources Discipline Report	45PI917	Within APE
1350004	Berger, Margaret (2007)	Cultural Resources Assessment for the U.S. Oil & Refining Co's TK 2002 Replacement, Biofuels Blending and Storage, and Asphalt Railcar Loading Projects, Tacoma	No further action required	0.67 miles
1349632	Berger, Margaret (2007)	Cultural Resources Assessment for the Transfer Line Replacement Project, Tacoma	No further action required	0.76 miles
1685641	Berger, Margaret (2014)	Cultural Resources Assessment for the Suncap Freeman Road Project, Fife	No further action required	0.9 miles
1347346	Chambers, Jennifer (2006)	Phase 1: Cultural Resources Assessment for the Port of Tacoma's Lincoln Avenue Grade Separation Project	No further action required	0.02 miles
1348999	Chambers, Jennifer (2006)	Letter to Ross Widener RE: Archaeological Monitoring for Lincoln Avenue Grade Separation Project	No further action required	0.37 miles
1686035	Chambers, Jennifer, and Baldwin, Garth (2015)	Cultural Resources Assessment for the City of Fife's State Route (SR) 99 Pedestrian Improvements Project	No further action required	Overlaps APE
1345436	Cooper, Jason B. (2005)	Archaeological Survey of the Proposed City of Fife Pacific Highway E Port of Tacoma Road to Alexander Avenue E Improvement Project	45PI724, historic refuse dump	Within area of expected ground disturbance
1680989	Dellert, Jenny (2009)	ADDENDUM to Archaeological Monitoring and Cultural Resources Assessment for the B & L Woodwaste Site, Fife	No further action required	0.01 miles
1684488	Diedrich, Melanie (2012)	Archaeological Monitoring for Parcel 14, the East-West Road and Alexander Avenue, Tacoma	No further action required	Adjacent to APE
1354510	Ferland, Sarah (2010)	Cultural Resources NEPA Re-Evaluation for the 70th Avenue E and Valley Avenue E Project, Fife, Washington	No further action required	0.06 miles

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1685119	Flenniken, J. Jeffrey (2013)	Cultural Resource Investigation of the Olympic Pipe Line Company Tacoma Junction Containment Project, Fife	No further action required	0.51 miles
1340365	Forsman, Leonard A. (1998)	Letter to Lloyd Skinner Regarding Proposed RTA South Corridor Puyallup Burlington Northern Third Track Cultural Resource Management	No further action required	0.15 miles
1352006	Gillespie, Ann (2008)	Cultural Resources Assessment of 502 54th Avenue E and 503 53rd Avenue E, Fife	No further action required	0.44 miles
1348423	Kaehler, Gretchen (2006)	Sha Dadx Wetland Restoration Project Addendum	No further action required	0.74 miles
1687406	Kassa, Sonja (2015)	Cultural Resources Assessment for the Freeman Road Improvements Project	No further action required	0.7 miles
1348214	Kent, Ronald (2006)	Historic Properties Investigation for the Corp's Puyallup River Flood Control Project Levee Road Access Lease with the City of Fife	No further action required	0.3 miles
1348215	Kent, Ronald (2006)	Historic Properties Investigation for the Corps' Puget Sound Energy Puyallup River Gas Pipeline Crossing Easement Renewal, Cities of Tacoma and Fife	No further action required	Overlaps APE
1343948	Kent, Ronald J. (2004)	Cultural Resources Reconnaissance Survey for the U.S. Army Corps of Engineers' Puyallup River Flood Control Project	No further action required	Overlaps APE
1684096	Kiers, Roger (2013)	Evaluation of Effects to the Puyallup River Flood Control Project Revetments, Tacoma/Pierce County HOV Program	No further action required	Within APE
1689517	Kramer, Stephenie (2017)	Archaeological Assessment for the Telecare Project, Milton	No further action required	Within APE
1693487	Kretzler, Ian (2020)	Cultural Resources Assessment for the Bridge Point I-5 Seattle Frontage Improvements Project, Milton, Pierce County, Washington	No further action required	0.06 miles
1343265	Luttrell, Charles T. (2004)	DISCIPLINE REPORT – Cultural Resource Investigations for the Washington State Department of Transportation's SR 167: Puyallup to SR 509 Project	45PI488	Overlaps APE

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1343594	Luttrell, Charles T. (2004)	Cultural Resources Investigations for the Washington State Department of Transportation's I-5: Pierce County Line to Tukwila Stage 4 HOV Project	No further action required	Within APE
1345852	Luttrell, Charles T. (2005)	Cultural Resources Investigations for Friends of the Hylebos' East Fork Hylebos Creek Channel Restoration Project	No further action required	0.14 miles
1349780	Luttrell, Charles T. (2007)	Cultural Resources Investigations for the City of Fife's 20th Street E Widening Project	No further action required	0.22 miles
1680980	Mullaley, Meris (2011)	Cultural Resources Monitoring Report, Clear Creek Riverside Mitigation Monitoring Project, Pierce County, Washington	Isolate; two discontinuous segments of wooden pipe	0.5 miles
1346288	Parvey, Michele (2005)	Cultural Resources Assessment for the Port of Tacoma's Blair Waterway Infrastructure Improvements Project and Gog-Le-Hi-Te II Mitigation Action Plan	No further action required	Within APE
1346582	Parvey, Michele (2005)	Cultural Resources Assessment for the Port of Tacoma's Barge Slip Fill Project	No further action required	0.8 miles
1349348	Parvey, Michele (2007)	Letter to Robert Brenner RE: Summary of 2006 Archaeological Monitoring Activities for the Blair Inner Reach Turning Basin Expansion Area and Southwest Corner Cutback	No further action required	0.63 miles
1352517	Parvey, Michele (2009)	Cultural Resources Assessment for the Lilyblad Site Remediation Project	No further action required	0.92 miles
1681098	Parvey, Michele (2011)	Letter to Maggie Buckley RE: Addendum to the Cultural Resources Assessment for the 70th Avenue E and Valley Avenue E Project, Fife, Washington	No further action required	0.1 miles
1681467	Phillips, S. Colby (2011)	Cultural Resources Assessment for the Pioneer Way E and Waller Road E Intersection Project, Waller, Pierce County WA	No further action required	0.81 miles
1684534	Rinck, Brandy (2014)	Preliminary Cultural Resources Assessment of the Upper Clear Creek Mitigation Property Habitat Restoration, Tacoma	No further action required	0.81 miles

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1352114	Rust, Thomas C. (2008)	Cultural Resources Report, Wildlands of Washington Hauff Property, Tacoma	45PI974	0.69 miles
1690758	Sarjeant, Carmen (2018)	Archaeological Survey of the Surprise Lake Middle School Project, Pierce County, Washington	45PI1442	0.96 miles
1692585	Sarjeant, Carmen (2019)	Cultural Resource Survey for the Fife School District's New Elementary School and High School STEAM Center of Innovation Project, Pierce County, Washington	45PI1464	0.24 miles
1691030	Schultze, Carol (2015)	Archaeological Monitoring for PSE Gas Line Installation for the Tacoma LNG Project, City of Tacoma, City of Fife, Pierce County, Washington	No further action required	Overlaps APE
1354677	Shantry, Kate (2010)	Results of Testing at Xaxtl'abish 1 (45PI974), Hylebos Creek	45PI974	0.72 miles
1353737	Sharpe, James (2009)	Tacoma/Pierce County HOV Program, I-5, M Street to Portland Avenue – HOV I-5: I-5 Portland Avenue to Port of Tacoma Road –Southbound HOV, I-5 Portland Avenue to Port of Tacoma Road – Northbound HOV Historic, Cultural, and Archaeological Resources Discipline Report	No further action required	Within APE
1352541	Shaw, Derek (2009)	Archaeological Monitoring and Cultural Resources Assessment for the B & L Woodwaste Site, Fife	No further action required	0.08 miles
1686944	Shong, Michael (2011)	Re: Results of Cultural Resources Documentation and Monitoring at the Fife Library Site	Several early 20th-century debris concentrations associated with two residential lots	0.27 miles
1353413	Shufelt, Sarah (2009)	Final Draft: Cultural Resources Survey WSDOT Pierce County HOV Program Clear Creek Riverside Mitigation Site, Tacoma	45PI967	0.5 miles
1692463	Stcherbinine, Sean (2019)	Cultural Resources Survey and Testing near Site 45PI488 for the Washington State Department of Transportation SR 167 Extension Project, Puyallup to SR 509 – New Freeway, Pierce County, Washington	Monitoring required in area	Overlaps APE

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1691717	Stevens, Rebecca (2017)	Cultural Resources Survey to Support NEPA Re-Evaluation of the Washington State Department of Transportation SR 167 Extension Project – Puyallup to SR 509, Pierce County, Washington	No further action required	Within APE
1687974	Teoh, Melissa (2016)	Cultural Resource Survey for Surprise Lake Substation Sale Project, Pierce County, Washington	No further action required	0.45 miles
1693216	Viloudaki, Andrew (2018)	Cultural Resource Monitoring of the Port of Tacoma Harbor Dredged Material Characterization Project, Tacoma, Pierce County, Washington	No further action required	0.7 miles
1686424	Wessen, Gary (2015)	An Archaeological Survey of the Milton Way Pedestrian Improvements Project Area, Milton	No further action required	0.9 miles
1691715	Yamamoto, Christopher (2015)	Cultural Resources Investigations for the Washington State Department of Transportation's SR 167 Tacoma to Puyallup New Freeway, Pierce County, Washington	45PI488	Overlaps APE
1693557	Yeates, Kelly (2019)	Cultural Resources Monitoring Report for I-5 Portland Avenue to Port of Tacoma Road – Northbound HOV	Isolated sections of original brick-paved Bay Street roadway (45PI1463)	Within area of anticipated ground disturbance
1694343	Noll and Thomas (2020)	Cultural Resources Survey for the SR 167/ I-5 to SR 509/Stage 1b of the Washington State Department of Transportation SR 167 Extension Project - Puyallup to SR 509, King and Pierce Counties, Washington	No further action required	Overlaps APE
1694998	Pierson and Johnson (2020)	Results of Cultural Resources Monitoring for the Port of Tacoma - Parcel 14 Lower Wapato Combined Habitat Project Geotechnical Study, Pierce County, Washington	No further action required	0.05 miles
1693965	Baiocchi (2020)	Architectural Resource Investigation Union Pacific Railroad Company Fife Structure Demolition Project, Fife, Pierce County, Washington	No further action required	0.4 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1689971	Amell, Sarah (2017)	Cultural Resources Assessment for the Amended APE Puyallup Avenue Bridge F16A and B Replacement NEPA Project	No further action required	0.06 miles
1348693	Artifacts Consulting Inc. (2016)	Historic Resources Report Thea Foss Waterway Public Esplanade, E 13th Street to E 4th Street	Multiple mitigation measures suggested	0.75 miles
1683709	Askin, Timothy (2013)	Historic Properties Survey of Foss Waterway (Tacoma Paper & Stationery Building) Telecom Installation 1721-35 Jefferson Avenue, Tacoma	No further action required	0.55 miles
1347970	Baldwin, Garth L. (2006)	Archaeological Assessment of Site 4, Thea Foss Waterway, Tacoma	No further action required	0.55 miles
1351211	Bard, James C. (2007)	Tacoma/Pierce County HOV Program: SR 16 Westbound Nalley Valley; SR 16 Eastbound Nalley Valley and Sprague Valley Interchange; and I-5 SR 16 - I-5 Realignment and HOV Connections	No further action required	0.9 miles
1348245	Becker, Thomas E. (2006)	Results of an Archaeological Survey of the Petrich Marine Dock property, Tacoma	No further action required	0.75 miles
1354365	Berger, Margaret (2010)	Cultural Resources Assessment for the Murray Morgan Bridge Rehabilitation Project, Tacoma, Washington	Mitigation for adverse effects	0.53 miles
1348302	Chambers, Jennifer (2006)	Cultural Resources Assessment for Thea Foss Waterway Site 1 Project	No further action required	0.2 miles
1690530	Chambers, Jennifer (2008)	Technical Memo 0810C-2 to Jason Hubbell re: Cultural Resources Assessment for the Grandview Avenue Improvements Project, Tacoma, Pierce County	No further action required	0.8 miles
1683932	Compass, Lynn (2012)	Archaeological Monitoring Report for the I-5 HOV WSDOT Project, City of Tacoma, Pierce County, Washington	45PI1290	Within APE
1686693	Cooper, Jason (2013)	Cultural Resources Survey for 1906 Marc Avenue Facility	No further action required	0.1 miles
1689421	Costa, Daniel (2017)	Cultural Resources Survey for the Swan Creek Pedestrian Bridge Replacement Project	No further action required	0.95 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1682936	Elder, J. Tait (2012)	Cultural Resources Survey Report Tacoma HOV Program – R Street Improvement Project	No further action required	Overlaps APE
1354458	Elder, J. Tait (2010)	Tacoma/Pierce County HOV Program Archaeological Data Recovery Report	45PI930	0.01 miles
1348257	Eysaman, Gerald K B (2006)	Reconnaissance Level Survey Update of South Tacoma, Edison/Excelsior and the South End, Fern Hill, and Lincoln Park	No further action required	0.2 miles
1340339	Forsman, Leonard A. (1998)	RTA Lakewood-to-Tacoma Commuter Rail Project, Tacoma Dome, South Tacoma, and Lakewood Sections, Cultural Resource Assessment	Six structures require evaluation by an architectural historian	Within area of expected ground disturbance
1680267	Gillis, Nichole (2006)	Cultural Resources Assessment for the Puyallup Avenue Bridge Span Replacement Project	No further action required	Overlaps APE
1680652	Gillis, Nichole (2011)	Cultural Resources Assessment for the Puyallup Avenue Bridge Span Replacement Project, Pierce County, Washington	No further action required	Overlaps APE
1341010	Hanum, Michelle M. (2002)	Cultural Resource Survey of the Cingular Wireless Tide Flats Tower Site WA-0656	No further action required	0.01 miles
1686948	Herbel, Brian (2015)	Addendum to: Geotechnical and Archaeological Bore Monitoring Report for Tacoma Trestle Track and Signal Project	No further action required	Within area of expected ground disturbance
1686678	Kelly, Katherine (2013)	Cultural Resources Assessment for the T Street Gulch Street Sewer Replacement Project, Tacoma	No further action required	0.04 miles
1348012	Kent, Ronald J. (2006)	Historic Properties Investigation for the Shaub-Ellison Parcel Brownfield's Cleanup Project on the University of Washington – Tacoma Campus, City of Tacoma	No further action required	0.18 miles
1348214	Kent, Ronald J. (2006)	Historic Properties Investigation for the Corp's Puyallup River Flood Control Project Levee Road Access Lease with the City of Fife	No further action required	0.28 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1348215	Kent, Ronald J. (2006)	Historic Properties Investigation for the Corps' Puget Sound Energy Puyallup River Gas Pipeline Crossing Easement Renewal Cities of Tacoma and Fife	Monitoring of properties along both sides of the Puyallup River	Overlaps APE
1343451	Kopperl, Robert E. (2004)	Cultural Resources Clearance Survey SR 5 HOV Lane Construction 48th Street to Pacific Avenue	No further action required	0.44 miles
1341282	LeTourneau, Philippe D. (2002)	Results of Archaeological Monitoring for Tacoma Link Light Rail, City of Tacoma	No further action required	0.1 miles
1687078	Littauer, Erin (2015)	Letter to Allyson Brooks RE: Point Defiance Bypass Rails Project, Archaeological Monitoring of Geotechnical Investigation for the Proposed Amtrak Station Relocation to Freighthouse Square, Main Platform Improvements and New Second Platform	No further action required	Within area of expected ground disturbance
1683095	Merrill, Christie (2013)	Memo to Lauren Smith RE: Tacoma Trestle Replacement	No further action required	Within area of expected ground disturbance
1686694	Moreno, Meredith (2012)	Cultural Resources Assessment for the Cardlock Fuel Facility	No further action required	Within APE
1350929	Parvey, Michelle (2008)	Letter to the Bruce McDonald Regarding Summary of 2007 Archaeological Monitoring Activities for the Gog-Le-Hi-Te II Mitigation Action Area	No further action required	Overlaps APE
1340346	Reanier, Richard (1999)	Sound Transit Lakewood-to-Tacoma Commuter Rail and SR-512 Park-and-Ride Expansion Project Draft EIS, Cultural/Historical Resources Technical Report; Report of Supplementary Archaeological Reconnaissance for the Tacoma and Lakewood Sections, Sound Transit	No further action required	Overlaps APE

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1683011	Schultze, Carol (2012)	Addendum to Tacoma/Pierce County HOV Program Archaeological Assessment of Gas Line Replacement Alignment to Support the HOV Project	Historic debris scatter	Within APE. Overlaps area of expected ground disturbance
1350256	Sharpe, James (2003)	Cultural Resource Survey Report, D Street, Tacoma	No further action required	Overlaps APE
1684347	Shong, Michael (2013)	Results of Archaeological Monitoring for Sound Transit's Sounder Commuter Rail D-to-M Streets Track and Signal Project, Tacoma	45PI1291 and 45PI1292	Within APE
1354314	Solimano, Paul (2010)	Cultural Resources Assessment of the Proposed Puyallup Tribe of Indians Justice Center, Puyallup	No further action required	0.04 miles
1687350	Stevenson, Alexander (2015)	Geotechnical and Archaeological Bore Monitoring Report for Tacoma Trestle Track and Signal Project	45PI1327	Within APE
1691905	Valentino, Alicia (2018)	Jefferson and Hood Street Surface Water Interceptor Project, Cultural Resources Assessment	Cultural resource management plan and IDP	0.37 miles
1683008	Van Galder, Sarah (2012)	Federal Railroad Administration WSDOT Point Defiance Bypass Project Environmental Assessment, Section 106 Survey Report, Historic, Cultural, and Archaeological Resources/Discipline Report	No further action required	Within area of expected ground disturbance
1342566	Weaver, Robert (2003)	Letter to John O'Laughlin Regarding Puyallup River Side Channel Habitat Restoration Project Cultural Resource Section 106 Assessment	IDP recommended	0.1 miles
1342912	Weaver, Robert (2004)	Cultural Resources Investigations of the Pacific Plaza Property within the Downtown Redevelopments Streetscape Improvement Project	45PI491	0.52 miles
1343924	Weaver, Robert (2004)	Cultural Resources Assessment for the I-5 High Occupancy Vehicle Project, Addendum Considering Historic Properties	No further action required	0.35 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1348692	White, William A. (2006)	DRAFT: Archaeological Assessment of the Thea Foss Waterway Public Esplanade, E 13th Street to Thea's Park	No further action required	0.75 miles
1349663	White, William A. (2007)	Cultural Resources Assessment for the LeMay Automobile Museum, Tacoma	No further action required	Adjacent to APE
1354679	Cooper (2009)	Puyallup Tribal Terminal Cultural Resources Assessment, Pierce County, Washington	No further action required	0.8 miles
1680153	Diveley and Martin (2010)	Archaeological Monitoring Report for Geotechnical and Environmental Testing at the Port of Olympia and Port of Tacoma, Washington	No further action required	0.93 miles
1692222	Chambers and Amell (2018)	Cultural Resources Assessment for the Taylor Way Rehabilitation Project, Tacoma, Pierce County, Washington	No further action required	0.01 miles
1693792	Perhay et al. (2020)	Cultural Resources Assessment for the Bay Reach Apartments Project, Tacoma, Pierce County, Washington	No further action required	0.13 miles
1693918	Steinkraus et al. (2019)	Cultural Resources Assessment of the Tacoma Brewery District Project, Pierce County	No further action required	0.5 miles
1695486	Chambers (2018)	Cultural Resources Assessment for 1201 Puyallup Avenue, Tacoma, Pierce County, Washington	No further action required	Overlaps APE
1695750	Ostrander et al. (2021)	Cultural Resources Assessment for the Melanie's Park Project, Tacoma, Pierce County, Washington	45PI1588	0.72 miles
1696799	Pierson et al. (2022)	Cultural Resources Assessment for the Port of Tacoma Off-Dock Container Support Facility, Tacoma, Pierce County, Washington	No further action required	0.76 miles
1696805	Scott et al. (2022)	Cultural Resources Assessment for the Portland Avenue Park Project, Tacoma, Pierce County, Washington	No further action required	0.5 miles
1697481	Bush et al. (2022)	Cultural Resources Report: 1347 Tacoma Avenue South, Tacoma, Pierce County, Washington	No further action required	0.79 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1342517	Roedel et al. (2003)	Salishan Redevelopment Archaeological Services and Traditional Cultural Places Assessment, City of Tacoma, Pierce County, Washington	No further action required	0.96 miles
1686678	Kelly (2013)	Cultural Resources Assessment for the T Street Gulch Sewer Replacement Project, Tacoma, Pierce County, Washington	No further action required	0.05 miles
1694311	Lockwood et al. (2020)	Jefferson & Hood Surface Water Interceptor Project, Tacoma, Pierce County, Washington - Supplemental Cultural Resources Assessment	45PI1521	0.65 miles
1350236	Eysaman and Company (2004)	Survey and Inventory in the Hilltop Area of Tacoma Update 2004	No further action required	0.33 miles
1352645	Artifacts Architectural Consulting (2009)	Tacoma Post Office, Court and Customs House Historic Structures Report	No further action required	0.87 miles
1695608	Historic Tacoma (2021)	McKinley Hill Mixed-use Center Inventory Report	No further action required	0.18 miles

Surveys are labeled with their corresponding NADB numbers associated with the tables in Appendix A.

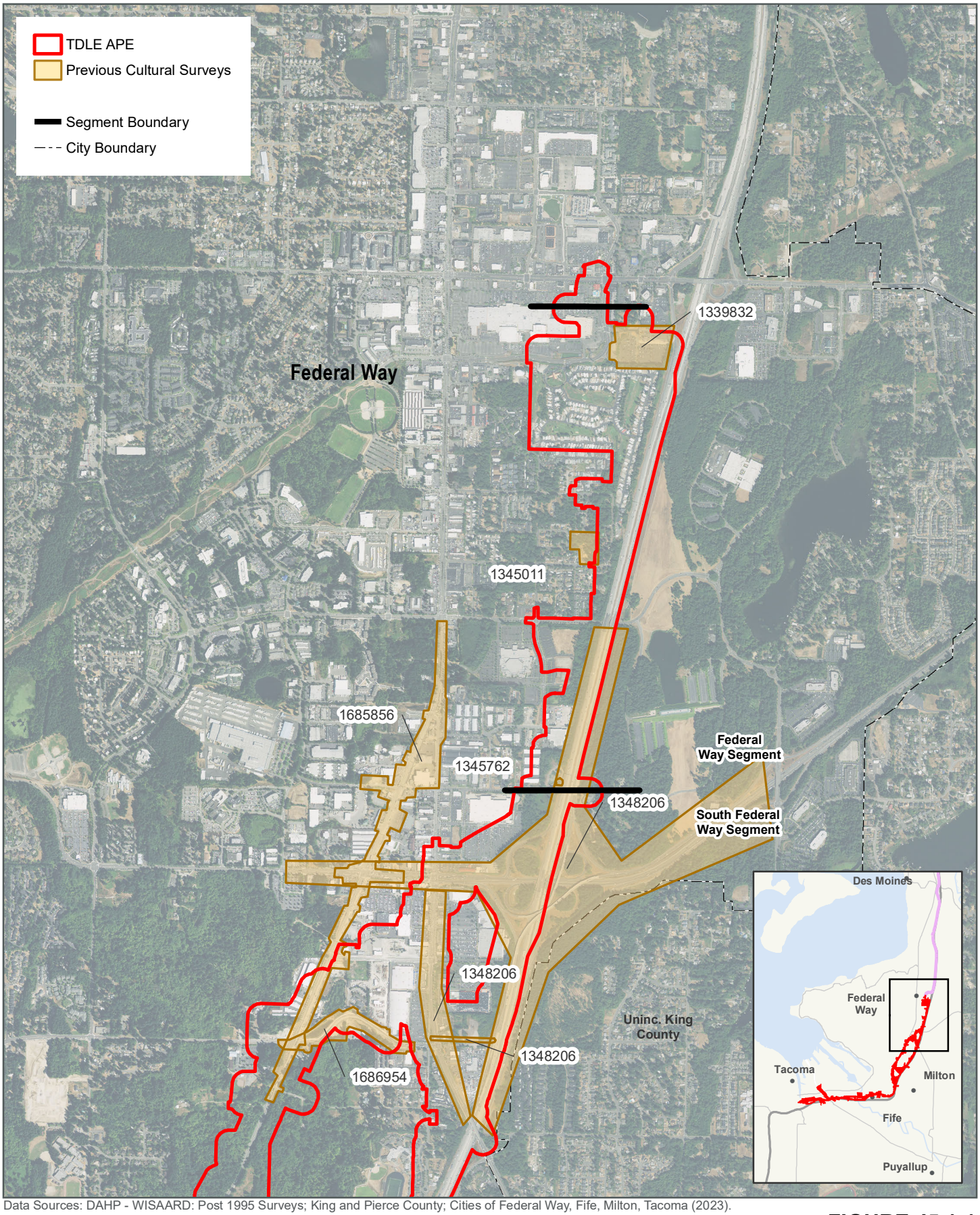

Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

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FIGURE J5.1-1
Previous Cultural Surveys within the APE, Federal Way (Federal Way Segment)

Tacoma Dome Link Extension

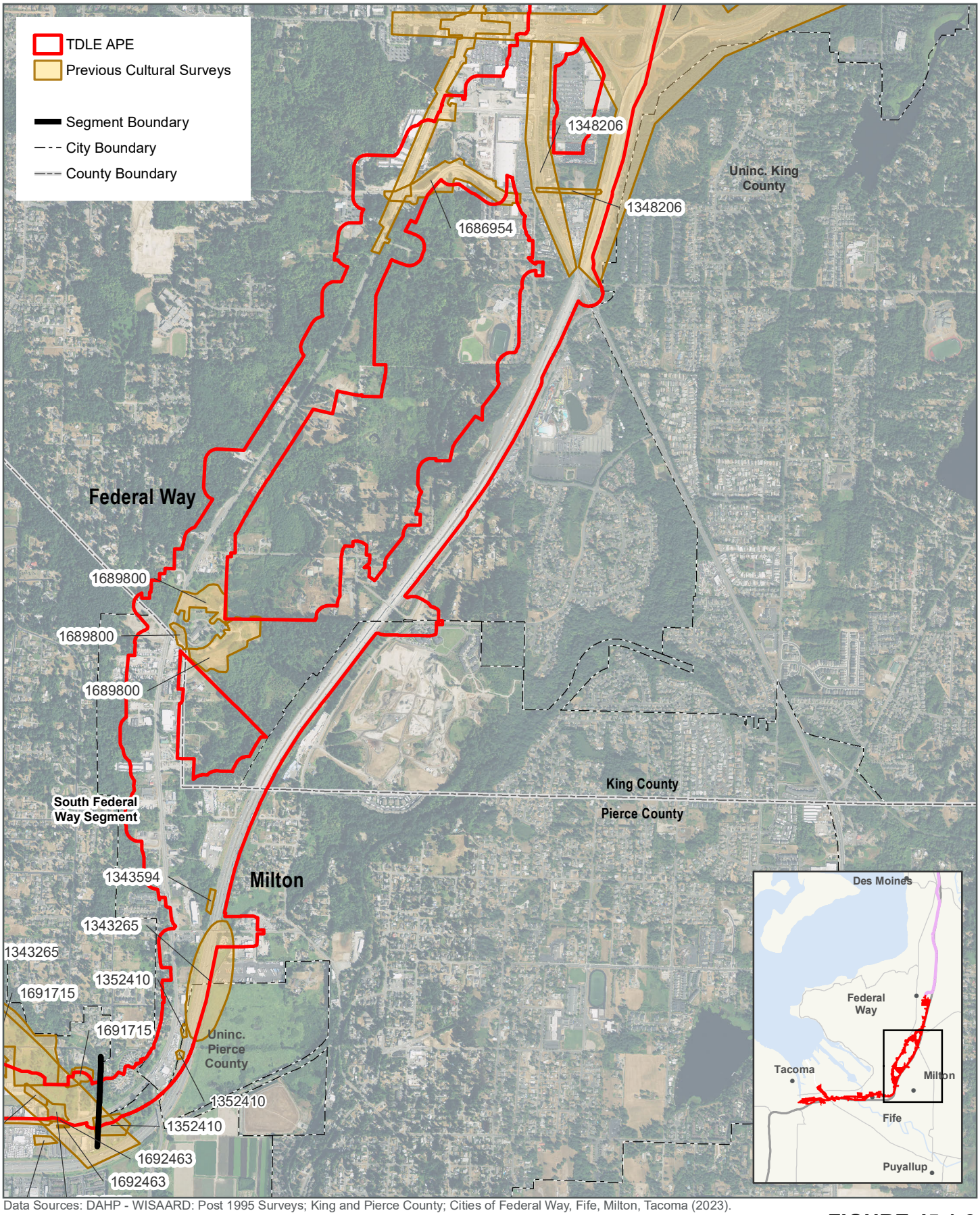

Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

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0 1,000 2,000 Feet

FIGURE J5.1-2
Previous Cultural Surveys
within the APE, South Federal Way
(South Federal Way Segment)

Tacoma Dome Link Extension

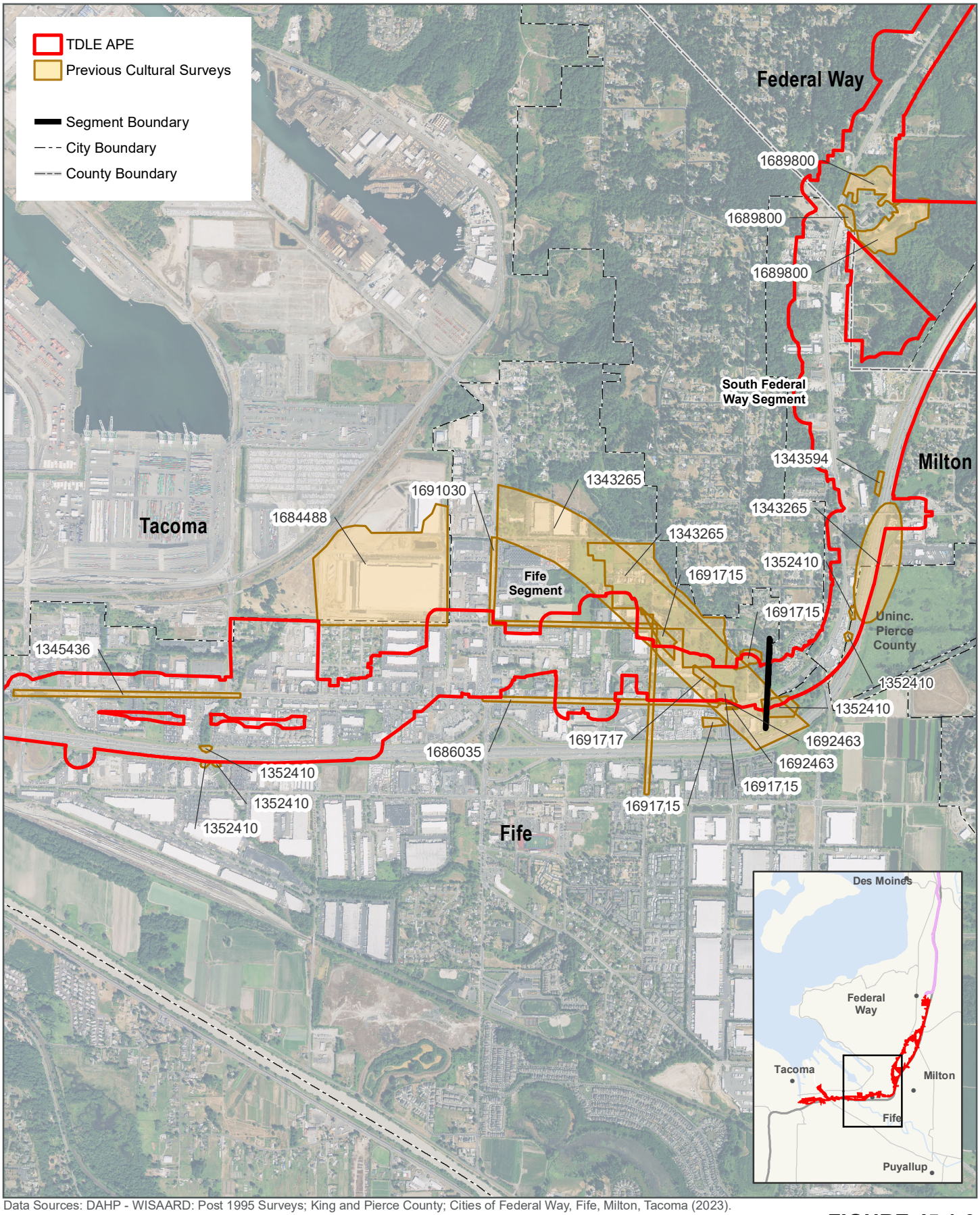

Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

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FIGURE J5.1-3
Previous Cultural Surveys within the APE, Fife (Fife Segment)

Tacoma Dome Link Extension

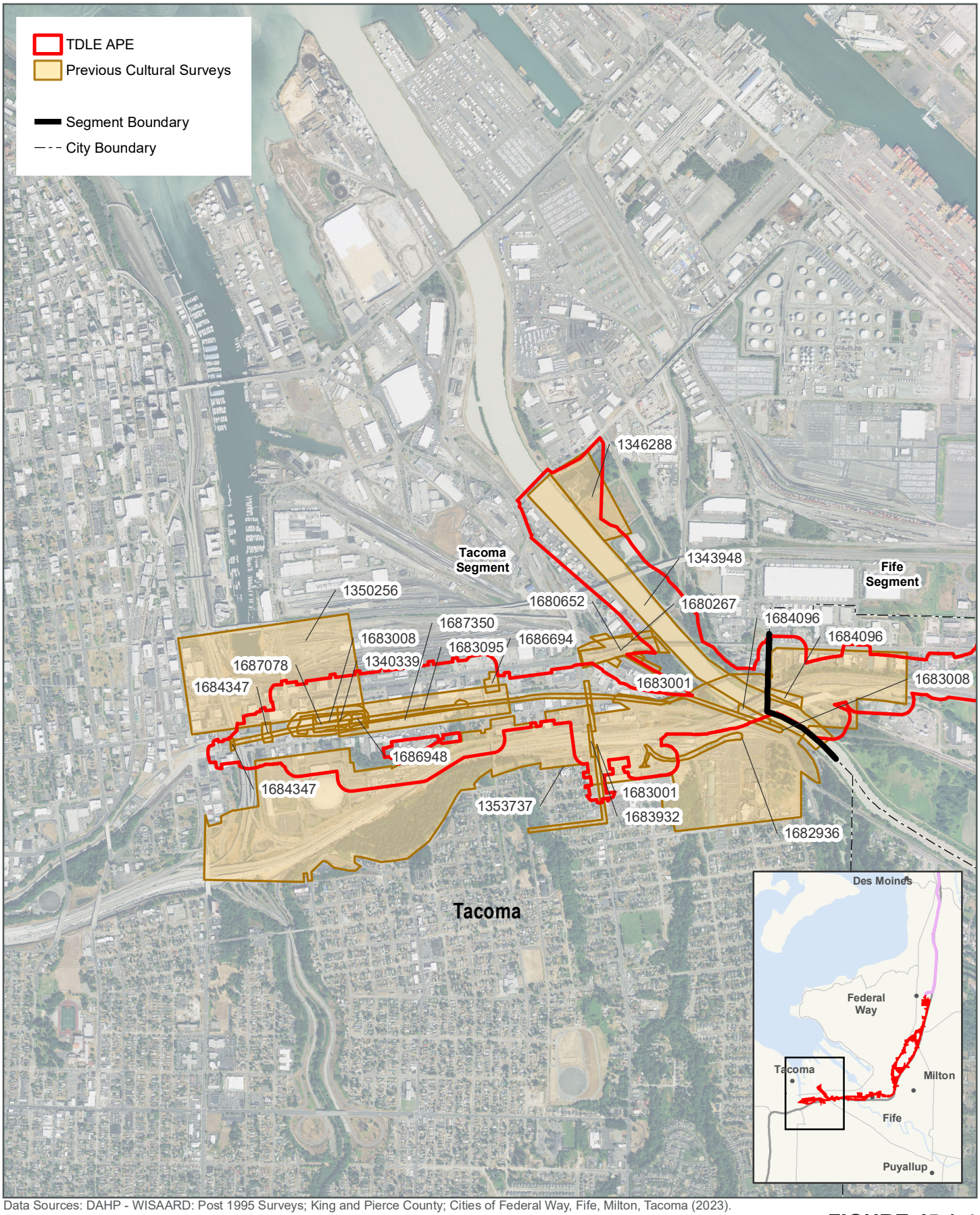

Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

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FIGURE J5.1-4
Previous Cultural Surveys within the APE, Tacoma (Tacoma Segment)

Tacoma Dome Link Extension

Table J5.1-5 Register Listed Properties within a 1-Mile Radius of the APE (All within 1 mile of the Tacoma Segment)

Smithsonian Number	Name	Location	Listed Date	Register Listed in (NRHP, WHR)
45PI166	Samson Hotel; Cleveland Hotel	1156 S Fawcett, Tacoma, WA	N/A	Removed
45PI170	Union Passenger Station, Tacoma	1713 Pacific Avenue, Tacoma, WA	2003	NRHP
45PI171	Pacific Brewing and Malting Company	S 25th Between C Street and Jefferson Avenue, Tacoma, WA	1982	NRHP
45PI172	Tacoma Light and Water Company Purifier Building	2203 South A Street, Tacoma, WA	N/A	Removed
45PI220	Pacific National Bank Building	1302 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI260	Puyallup Waterway Crossing	Spanned Puyallup Waterway, Tacoma, WA	N/A	WHR
45PI580	Indian Cemetery (Cushman Cemetery)	Off Highway 99, Tacoma, WA	N/A	WHR
45PI582	Nihon Go Gakko, Tacoma	1715 S Tacoma Avenue, Tacoma, WA	1987	NRHP
45PI586	Engine House No. 4 – Tacoma	220-222-224 East 26th Street, Tacoma, WA	1984	NRHP
45PI592	Sunset Telephone and Telegraph Building	1101 Fawcett Avenue, Tacoma, Washington	1982	NRHP
45PI593	Sprague Building	1501-1505 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI598	Washington Building, Tacoma	1019 Pacific Avenue, Tacoma, WA	2017	NRHP
45PI608	House at 2326 South L Street, Tacoma	2326 South L Street, Tacoma, WA	1990	NRHP
45PI612	Building at 1602 South G Street	1602 South G Street, Tacoma, WA	1990	NRHP
45PI613	House at 1610 South G Street, Tacoma	1610 South G Street, Tacoma, WA	1990	NRHP
45PI614	House at 1510 Tacoma Avenue S, Tacoma	1510 Tacoma Avenue S, Tacoma, WA	1986	NRHP
45PI628	Sandberg, Schoenfeld Buildings	1411-1423 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI639	U.S. Post Office, Tacoma Downtown Station, Federal Building	1102 South A Street, Tacoma, WA	1991	NRHP

Table J5.1-5 Register Listed Properties within a 1-Mile Radius of the APE (All within 1 mile of the Tacoma Segment) (continued)

Smithsonian Number	Name	Location	Listed Date	Register Listed in (NRHP, WHR)
45PI641	Perkins Building	1101 A Street, Tacoma, WA	1991	NRHP
45PI643	Engine House No. 11 – Tacoma	3802 McKinley Avenue, Tacoma, WA	2001	NRHP
45PI651	Fire Station No. 2, Tacoma	2701 S Tacoma Avenue, Tacoma, WA	1987	NRHP
45PI653	Fireboat Station, Tacoma	302 E 11th Street, Tacoma, WA	1989	NRHP
45PI654	City Waterway Bridge	Spans City Waterway, 11th Street, Tacoma, WA	2009	NRHP
45PI663	E 34th Street Bridge, Tacoma	Pacific to A Street, Tacoma, WA	1982	NRHP
45PI693	Nisqually Power Substation	2416 South C Street, Tacoma, WA	1990	NRHP
45PI694	Tacoma Building	1015-1021 A Street, Tacoma, WA	1987	NRHP
45PI696	Albers Brothers Mill	1821 Dock Street, Tacoma, WA	2000	NRHP
45PI750	National Bank of Tacoma	1123 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI761	Balfour Dock Building	705 Dock Street, Tacoma, WA	2009	NRHP
45PI788	Manley-Thompson Ford Agency (Crescent Ballroom)	1302-1306 Fawcett Avenue, Tacoma, WA	1982	NRHP
45PI789	The Auditorium Dance Hall	1308-1310 Fawcett Avenue, Tacoma, WA	2001	NRHP
45PI1189	Tacoma Ice Company's Cold Storage Plant	2602 S Holgate Street, Tacoma, WA	2001	NRHP
45PI1343	(Tacoma Municipal Barn)	2324 South C Street, Tacoma, WA	N/A	WA Heritage Barn
DT64[1]	Union Depot, Warehouse Historic District, Tacoma	Roughly Bounded By RR Tracks – 15th, 23rd, and Market Streets, Tacoma, WA	N/A	NRHP
DT69[1]	Pacific Avenue Historic District, Tacoma	1302-1356 Pacific Avenue, Tacoma, WA	N/A	Removed

Note:

[1] Noted as Smithsonian in WISAARD

Table J5.1-6 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Federal Way Segment)

Property Number	Name	Location
673420	Peoples National Bank	1436 S 312th, Federal Way, WA 98003
100773	Calvary Lutheran Church	2415 S 320th Street, Federal Way, WA 98003
729171	Bank	32400 Pacific Highway S, Federal Way, WA 98003
28910	Weyerhaeuser Headquarters	33663 Weyerhaeuser Way S, Federal Way, WA 98003
327005	William J. Meers Homestead – House	36818 8th Avenue S, Federal Way, WA
710089	William J. Meers Homestead – Cistern	36818 8th Avenue S, Federal Way, WA
710090	William J. Meers Homestead – Shop Shed (Shed 1)	36818 8th Avenue S, Federal Way, WA
710092	William J. Meers Homestead – Apple Shed (Shed 2)	36818 8th Avenue S, Federal Way, WA

Table J5.1-7 Properties Determined Eligible for the NRHP within 1 Mile of the APE (South Federal Way Segment)

Property Number	Name	Location
327005	William J. Meers Homestead – House	36818 8th Avenue S, Federal Way, WA
710089	William J. Meers Homestead – Cistern	36818 8th Avenue S, Federal Way, WA
710090	William J. Meers Homestead – Shop Shed (Shed 1)	36818 8th Avenue S, Federal Way, WA
710092	William J. Meers Homestead – Apple Shed (Shed 2)	36818 8th Avenue S, Federal Way, WA
680386	Residence	411 Birch Street, Milton, WA 98354-9621

Table J5.1-8 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Fife Segment)

Property Number	Name	Location
680738	Joe Young Cabin	860 64th Avenue E, Fife, WA
680348	Residence	6020 8th Street E, Fife, WA 98424-1321
31910	-	7001 20th Street E, Fife, WA
705968	Tacoma BPA Substation	3702 Taylor Way, Tacoma, WA

Table J5.1-9 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Tacoma Segment)

Property Number	Name	Location
700295	Puyallup Waterway Crossing	Spanned Puyallup Waterway, Tacoma, WA
31786	Puyallup River Bridge	Puyallup River crossing along Highway 99, Tacoma, WA 98421
90499	East 21st Street (E Lincoln Ave) Bridge	E Lincoln Ave, Tacoma, WA 98421
31600	Warehouse	301 E 11th Street, Tacoma, WA 98421
36396	Tacoma Eastern Railroad – Tacoma to Morton	
97096	Union Pacific (Puyallup River) Bridge	Puyallup River crossing along Union Pacific Railway, Tacoma, WA 98421
722130	Milwaukee, St. Paul and Pacific Railroad	
31669	Chicago, Milwaukee, St. Paul & Pacific S Turn Trestle	E 25th Street, between East K Street and East G Street, Tacoma, WA 98421
32815	Burlington Northern Office and Freight Warehouse	605 Puyallup Ave, Tacoma, WA 98421
30471	U.S. Post Office, Tacoma Downtown Station, Federal Building	1102 South A Street, Tacoma, WA
534061	Bicentennial Pavilion	1313 Market Street, Tacoma, WA 98402
532172	Hodcarriers, Building & Construction Laborers Union	1744 Market Street, Tacoma, WA 98402
532179	Love Electric Co. Warehouse	1914 Market Street, Tacoma, WA 98402
532757	F. Wild Arcade Building	1910 Jefferson Ave, Tacoma, WA 98402
532760	Swiss Hall	1904 Jefferson Ave, Tacoma, WA 98402
30507	Tacoma City Shops and Stable	2300 S C Street, Tacoma, WA 98402

Table J5.1-9 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Tacoma Segment) (continued)

Property Number	Name	Location
50056	Hood Street Reservoir – Chlorination Building	3110 S 32nd Street, Tacoma, WA 98409
50047	Lincoln High School	701 S 37th Street, Tacoma, WA 98418
499650	Chamber of Commerce	950 S 11th Street, Tacoma, WA, 98405, USA
700034	Samson Hotel; Cleveland Hotel	1156 S Fawcett, Tacoma, WA
509807	Normanna Hall	1502-1506 Martin Luther King Jr., Tacoma, WA 98405
101344	Union Passenger Station, Tacoma	1713 Pacific Avenue, Tacoma, WA
30962	Tacoma Paper and Stationery Company Building	735 Jefferson Avenue, Tacoma, WA, 98402
531612	F.S. Harmon Manufacturing Company Building	1944 Pacific Avenue, Tacoma, WA 98402
700037	Tacoma Light and Water Company Purifier Building – DEMOLISHED	2203 A Street, Tacoma, WA, 98402, USA
510011	-	2119 South M, Tacoma, WA 98405
530762	-	2119 S Sheridan Avenue, Tacoma, WA 98405
700690	Barn	2324 South C Street, Tacoma, WA
31126	Medosweet Dairy Building	2413 Pacific Avenue, Tacoma, WA
30944	Tacoma Ice Company's Cold Storage Plant	2602 S Holgate Street, Tacoma, WA
97076	Willard Elementary School	3201 South D Street, Tacoma, WA 98418
505816	-	3574 South D, Tacoma, WA 98418
112141	Mountain View Sanatorium	Mountain View Sanatorium
31132	Pierce County Hospital	3580 Pacific Avenue, Tacoma, WA
533893	-	3602 South D Street, Tacoma, WA 98418
109142	Bethlehem Lutheran Church	101 E 38th Street, Tacoma, Washington, USA
506207	Residence	1430 E 31st, Tacoma, WA 98404
97094	Church of the Indian Fellowship	2232 E 28th Street, Tacoma, WA

ATTACHMENT J5.2

Inadvertent Discovery Plan (IDP)

PLAN AND PROCEDURES FOR THE INADVERTENT DISCOVERY OF ARCHAEOLOGICAL RESOURCES AND HUMAN SKELETAL REMAINS

1. INTRODUCTION

Engineering and planning for the Tacoma Dome Link Extension (TDLE) is in process. This project is an approximately 10-mile light rail extension from just south of the Federal Way Transit Center in Federal Way to the vicinity of the Tacoma Dome in Tacoma, Washington.

Archaeological investigations are a supporting element for the TDLE environmental review process and Section 106 compliance. Archaeological survey is proposed to take place throughout the TDLE area of potential effect (APE) within areas of anticipated ground disturbance and will include up to 930 shovel probes and up to 40 archaeological bores.

This Inadvertent Discovery Plan (IDP) outlines the procedures to be implemented if archaeological resources or human remains are encountered during archaeological fieldwork.

2. ARCHAEOLOGICAL FIND DOCUMENTATION PROCEDURES

The discovery of archaeological resources may require notification to the Federal Transit Administration (FTA) as the lead federal agency in charge of compliance with Section 106 of the National Historic Preservation Act (Section 106). Notifications to Section 106 consulting parties (e.g., the State Historic Preservation Officer [SHPO] and affected tribes) may also be needed.

While FTA is the lead federal agency, Sound Transit is the project proponent and oversees the implementation of the IDP. These agencies will work to ensure successful consultation with SHPO and tribes, proper documentation, and subsequent avoidance or treatment of any archaeological resource that is eligible for listing in the National Register of Historic Places (NRHP) following procedures outlined below.

1. If an Archaeological Technician[1], under the supervision of the Project Archaeologist (see Section 5.3) encounters an archaeological resource or suspected archaeological resource (the Find) work is required to be halted in the location of the Find. The Find and its immediate surroundings must be protected.
2. The Project Archaeologist will evaluate the Find to assess if it is archaeological.
    a. If the Find is not archaeological, the discovery shall be documented in the daily field notes and work may resume.

[1] Archaeological Technician is defined here as an archaeologist working under the direction and supervision of the Project Archaeologist. Archaeological Technicians are not identified in the contact list below.

3. If the Find is archaeological, the Project Archaeologist shall inspect the Find to determine if it is a resource that is potentially eligible for listing in the NRHP. Such potentially eligible archaeological resources are outlined in Section 3 and include all objects that are associated with Native American use of a landscape or those that were produced by Native Americans.
    a. If the Find is not potentially eligible it shall be documented in a memorandum describing the Find with an eligibility evaluation and an accompanying Washington State Archaeological Inventory Form, per SHPO guidance on Cultural Resources Reporting in Washington State. This eligibility evaluation shall be communicated to Sound Transit's Cultural Resources Program Manager at the end of the working day when the Find is made. The accompanying memo and Washington State Archaeological Inventory Form will be submitted to Sound Transit within one week of the Find.
4. If the Find is potentially eligible for listing in the NRHP, the Project Archaeologist shall secure the area, generally within 30 feet, to ensure that the Find is not disturbed.
5. If the Find is potentially eligible for listing in the NRHP, the Project Archaeologist shall contact Sound Transit's Cultural Resources Program Manager after securing the area around the Find. The Project Archaeologist shall then make a recommendation to Sound Transit's Cultural Resources Program Manager regarding NRHP eligibility of the Find.
6. Sound Transit's Cultural Resources Program Manager shall then forward this recommendation to FTA and then the State Historic Preservation Officer (SHPO) at the direction of FTA.
7. A formal determination of NRHP eligibility and concurrence shall come from FTA and SHPO, respectively. This Consultation on eligibility shall also include a determination of effects from FTA vis-à-vis the Find.
8. FTA shall notify Affected Tribes of the determinations of eligibility and effects and, as appropriate, engage in Consultation to determine the appropriate course of action (e.g, avoid, minimize, or mitigate any potential adverse effects). SHPO shall also be included in this Consultation process.
9. During Steps 1-8 no additional ground disturbing work, including archaeological investigations shall occur within 50 feet of the Find without FTA and SHPO's written authorization (email is acceptable).

3. RECOGNIZING ARCHAEOLOGICAL RESOURCES

A cultural resource is an item of historical, traditional, and/or cultural importance, broad categories of examples include:

- An accumulation of shell (shell midden) with associated bone, stone, antler or wood artifacts, burned rocks or charcoal.
- Bones that appear to be human or animal bones associated with a shell midden.
- An area of charcoal or very dark stained soil with associated artifacts,
- Artifacts made of chipped or ground stone (e.g., an arrowhead, adze, or maul) or an accumulation (more than one) of cryptocrystalline stone flakes (lithic debitage), fire-cracked rock (FCR) from hearth ovens, and bent wood.

- Basketry, cedar garments, fish weir stakes, or items made of botanical materials.
- Clusters of tin cans or bottles, logging, or agricultural equipment (not in use) that appear to be older than 50 years.
- Buried railroad tracks, decking, or other industrial materials.

Not all cultural resource material encountered will be potentially eligible for listing on the NRHP. To be eligible for the NRHP cultural resources identified during construction must be 50 years of age or older, meet one or more of the four criteria listed below, and retain sufficient physical integrity to convey historical significance (36 CFR 60.4). A building, site, object, or structure may be considered for inclusion in the NRHP if it meets at least one of the following criteria:

1. The property is associated with events that have made a significant contribution to the broad patterns of our history.
2. The property is associated with the lives of persons significant in our past.
3. The property embodies the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components might lack individual distinction.
4. The property has yielded, or might be likely to yield, information important in prehistory or history.

The following sections describe those materials that do or do not require a halt in construction.

3.1 Items that are not likely to be potentially eligible for listing in the NRHP

Aside from light rail related materials, the following types of materials are presumed not significant, and would not require a halt in work or investigation by the Project Archaeologist:

- Isolated cans or bottles,
- Materials less than 50 years old, and
- Abandoned utilities.

3.2 Materials that are likely to be eligible for listing in the NRHP

Specific examples of precontact archaeological materials may include, but are not limited to:

- stone tools and flaking debris;
- river mussel shell or non-sawed bone fragments;
- charcoal concentrations and darkened earth;
- fire-modified rock or unaltered cached rock piles;
- suspected human remains (see Section 4 below on Inadvertent Discovery of Human Remains);
- wooden posts (house posts, food drying racks); and
- basketry or fiber objects (cedar twine ropes, woven mats, cedar twine fishing nets).

Historic-period archaeological materials may include, but are not limited to:

- low-fired and bisque ceramics with subdued colors, or blue/pink willow-like design; thick-bodied pieces, indicating crockery;
- non-tempered glass, violet-colored glass, stopper-topped glass jars or bottles, press-capped (cork gasket liner) heavy-walled soda bottles (not twist-top, thin-walled), zinc and vitreous glass-lidded glass canning jars with colored body;
- miscellaneous fragments of metal (or plated) clothing closures (buttons, hooks and eyes, and suspender fittings, but not zippers); sawed animal bone, bakelite, celluloid, glass and shell buttons (but no nylon or polystyrene);
- enameled ironware;
- punch-opened and solder-sealed beverage cans, solder-sealed food tins, general lack of thin-walled aluminum and welded steel cans;
- rock-picker piles collected by farmers and agricultural equipment or implements;
- older automotive parts;
- knob-and-tube electrical insulators; and
- residential structural remains, such as historic building foundations or privies.

3.3 Types of deposits that may be encountered

Isolate: One distinct artifact or a few fragments of the same artifact that are too far away (typically more than 50 meters) from other cultural materials to be considered part of a “site.” Generally, an isolate will not take long to document. Regardless of the nature of the isolated artifact find (e.g., historic versus precontact, with or without diagnostic markers), it is to be recorded on a Washington Archaeological Site Inventory form, its location mapped, and photographs taken.

Intact Artifact Deposit or Feature: Two or more distinct artifacts or one feature (e.g., precontact fire hearth, historic-period concrete foundation) within a 50-meter area. Intact deposits are considered an archaeological site and must be recorded on a Washington Archaeological Site Inventory form.

Disturbed Artifact Deposits: Artifacts identified in disturbed soils (such as historic fill) should be documented in monitoring notes and photographed. Depending on the volume of artifacts and the level of disturbance, the site may or may not need to be recorded on a Washington Archaeological Site Inventory form. Limited investigation around the artifacts may be necessary to determine if additional materials are present and whether the site boundaries extend beyond the initial find, following the protocol steps outlined in Section 2.

4. INADVERTENT DISCOVERY OF HUMAN REMAINS/ SUSPECTED HUMAN REMAINS

Human remains or suspected human remains (the Discovery) shall be treated with respect and dignity. After discovery they shall be covered with a tarp or cloth, not soil, and shall remain untouched until the procedures outlined below are followed. No photographs shall be taken except by the Project Archaeologist who may need to photograph the bone for identification purposes. This photograph shall not be distributed outside contacts listed below in Section 5.3.

No persons other than the proper law enforcement personnel (County, City, or Tribal [see Contacts below]), the appropriate county's Medical Examiner, and professional archaeologists shall be authorized to access the discovery location after the area is secured. Assumptions must not be made concerning the origin of the human remains, and public disclosure of the find shall be avoided.

1. In the event that human remains or suspected human remains are discovered work shall immediately stop work in the area of the Discovery and the Project Archaeologist shall secure the area 50 feet (15.2 meters) in all directions. All spoils from the location of the Discovery shall remain on site.
2. The Project Archaeologist, in coordination with the Archaeological Technician and Sound Transit's Cultural Resource Program Manager shall verify if the Discovery is human remains.
    a. If the Discovery is not human remains work may proceed but may need to follow procedures for archaeological finds above.
3. If the Discovery is verified as human remains, the Project Archaeologist in coordination with Sound Transit shall notify the appropriate county's Medical Examiner and appropriate law enforcement (County, City, or Tribal) in the "most expeditious manner possible" (RCW 27.44; RCW 86.50; RCW 68.60). Sound Transit shall then notify FTA and SHPO of the Discovery.
4. The Medical Examiner, with the assistance of law enforcement personnel, shall formally determine if the remains are human, whether the discovery site constitutes a crime scene, and shall notify SHPO and the State Physical Anthropologist. If the Medical Examiner determines the remains are forensic, work shall resume only after the site has been cleared by law enforcement.
5. If the remains are not forensic, the State Physical Anthropologist shall make a determination of whether the remains are Native American or Non-Native American and report that finding to the affected parties, in coordination with FTA.
6. SHPO shall handle consultation with the affected parties as to the future preservation, excavation, and disposition of the remains.
7. During Steps 1-6 no additional ground disturbing work, including archaeological inventory shall occur within 50 feet of the Find without FTA and SHPO's written authorization.

5. COMMUNICATION AND CONTACT INFORMATION

Communication for the project shall include notifying the consulting tribes, survey crew orientation, and continual communication between Sound Transit and the Project Archaeologist. Any inadvertent discovery assessments, regular progress reports, and cultural resource investigation results summaries shall be provided to FTA for review. FTA shall provide documents to SHPO and consulting parties unless FTA directs Sound Transit to provide the document(s).

5.1 Tribal Notification

FTA shall notify tribal representatives via email of an invitation to observe investigations and provide them with a project schedule. FTA shall also notify tribal representatives if there are any changes to the schedule that may affect cultural resource investigations. Sound Transit coordinate all tribal communication with FTA and shall include SHPO on all communications and notifications to the tribes.

5.2 On-Site Communication

Prior to the commencement of any cultural resource investigations, the Project Archaeologist shall provide a 10- to 20-minute tailgate orientation for all crew involved in the investigations. The purpose of the orientation will be to inform and familiarize personnel with the IDP protocols.

Ongoing communication will be vital throughout the cultural resource investigations. The Project Archaeologist shall maintain communication with the Field Supervisor (or designee) as appropriate by email and/or phone. During the investigations, the Field Supervisor shall provide regular updates regarding progress and schedule to assist the Project Archaeologist and Sound Transit’s Cultural Resources Program Manager.

5.3 Contacts

Federal Transit Administration (FTA) Erin Littauer Environmental Protection Specialist 206-220-7954 erin.littauer@dot.gov	**State Historic Preservation Office** Dennis Wardlaw Transportation Archaeologist 360-586-3085 (desk) Dennis.Wardlaw@dahp.wa.gov
Project Archaeologist Michele Punke, PhD, RPA Historical Research Associates, Inc. 541-829-9777 (cell) mpunke@hrassoc.com (through 2024, to be updated in 2025)	**State Historic Preservation Office** Dr. Guy Tasa State Physical Anthropologist 360-586-3534 Guy.tasa@dahp.wa.gov
Sound Transit - Cultural Resources Program Manager Alexander Stevenson 206-419-5315 (cell) 206-553-3655 (desk) Alex.stevenson@soundtransit.org	**Sound Transit - Environmental Lead** Elma Borbe Senior Environmental Planner 206-398-5445 (desk) elma.borbe@soundtransit.org
Tribal Technical Contacts	
Puyallup Tribe of Indians Brandon Reynon Cultural Regulatory Specialist 253-573-7986 (desk) brandon.reynon@puyalluptribe.com	**Muckleshoot Indian Tribe** Laura Murphy Tribal Archaeologist 253-876-3272 (desk) laura.murphy@muckleshoot.nsn.us
Nisqually Indian Tribe Annette Bullchild Tribal Historic Preservation Office 360-456-5221, ext. 1106 (desk) Bullchild.annette@nisqually-nsn.gov	**Confederated Tribes and Bands of the Yakama Nation** Kate Valdez Tribal Historic Preservation Officer (THPO) 509-985-7596 (desk) kate@yakama.com
Puyallup Reservation Contacts	
Puyallup Tribal Police Department 253-680-5656	

King County Contacts	
King County Medical Examiner 206-731-3232	**King County Sherriff's Office** 206-296-4155
	Federal Way Police Department 253-835-6700
Pierce County Contacts	
Pierce County Medical Examiner 253-798-6494	**Pierce County Sherriff's Office** 206-296-4155
	City of Fife Police Department 253-922-6633
	City of Tacoma Police Department 253-798-4721

Tacoma Dome Link Extension

ATTACHMENT J5.3

Detailed Historic Period Above Ground Resource Survey Maps

SOUNDTRANSIT

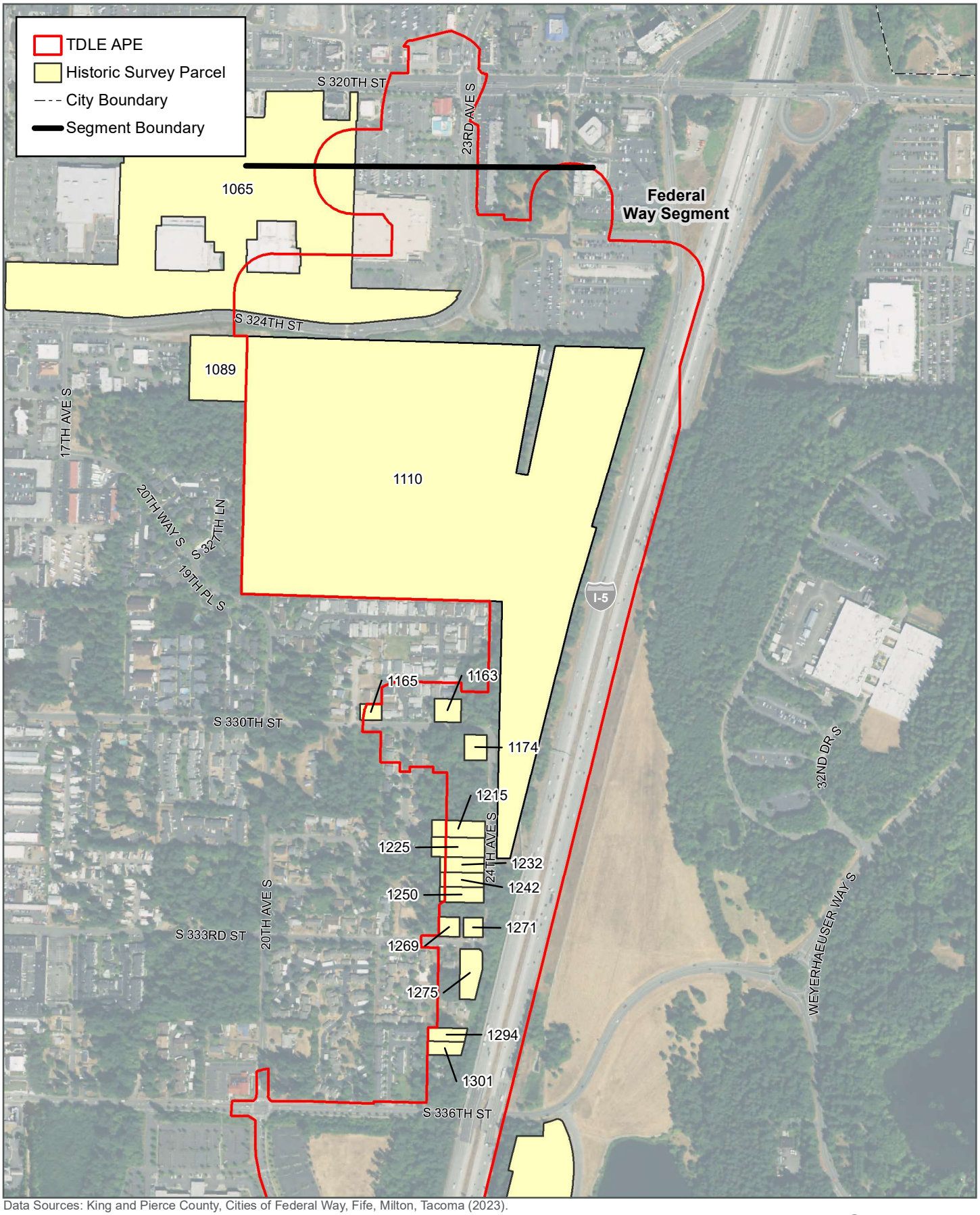

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-1
APE and Historic Survey Parcels
Tacoma Dome Link Extension

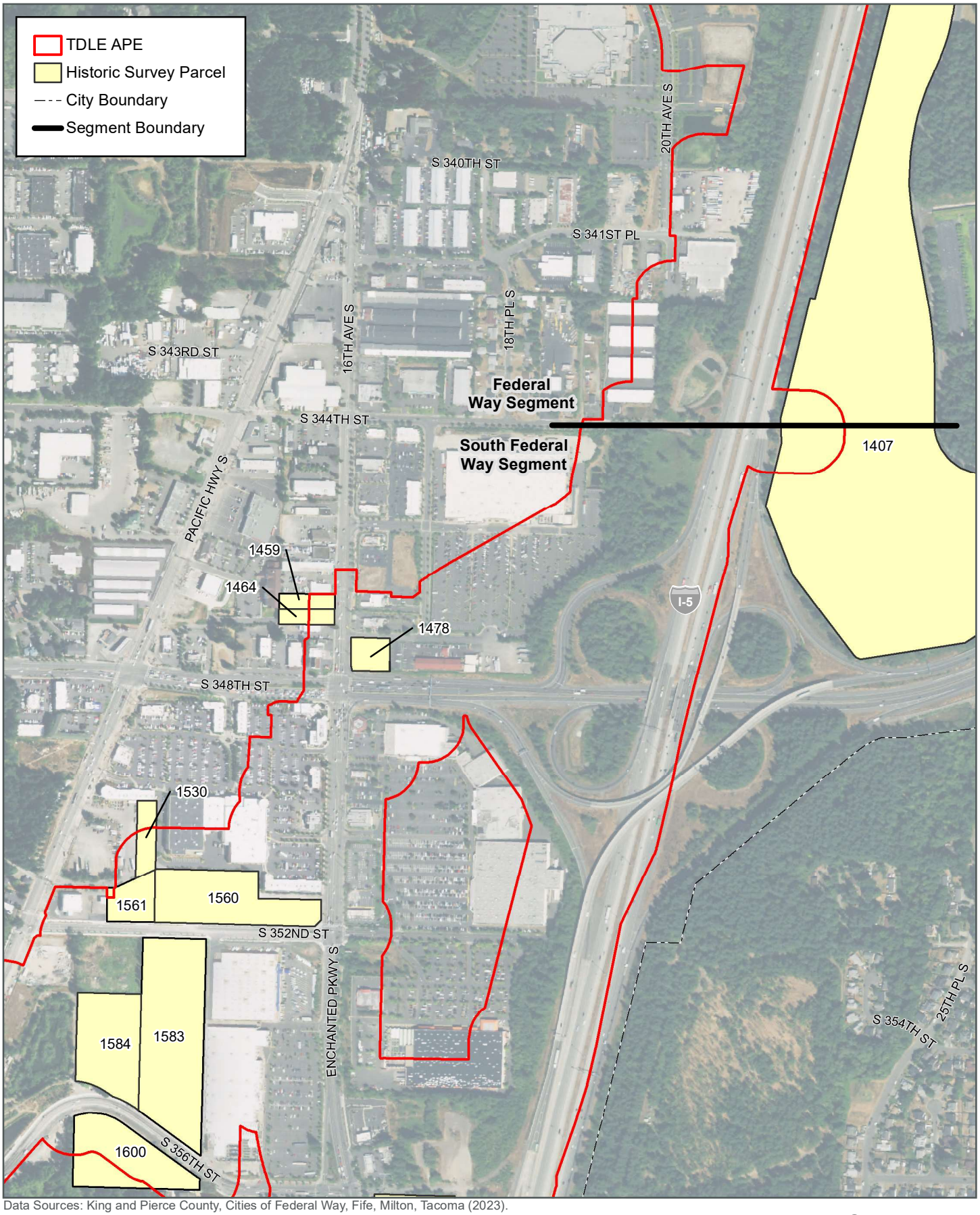

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-2
APE and Historic Survey Parcels
Tacoma Dome Link Extension

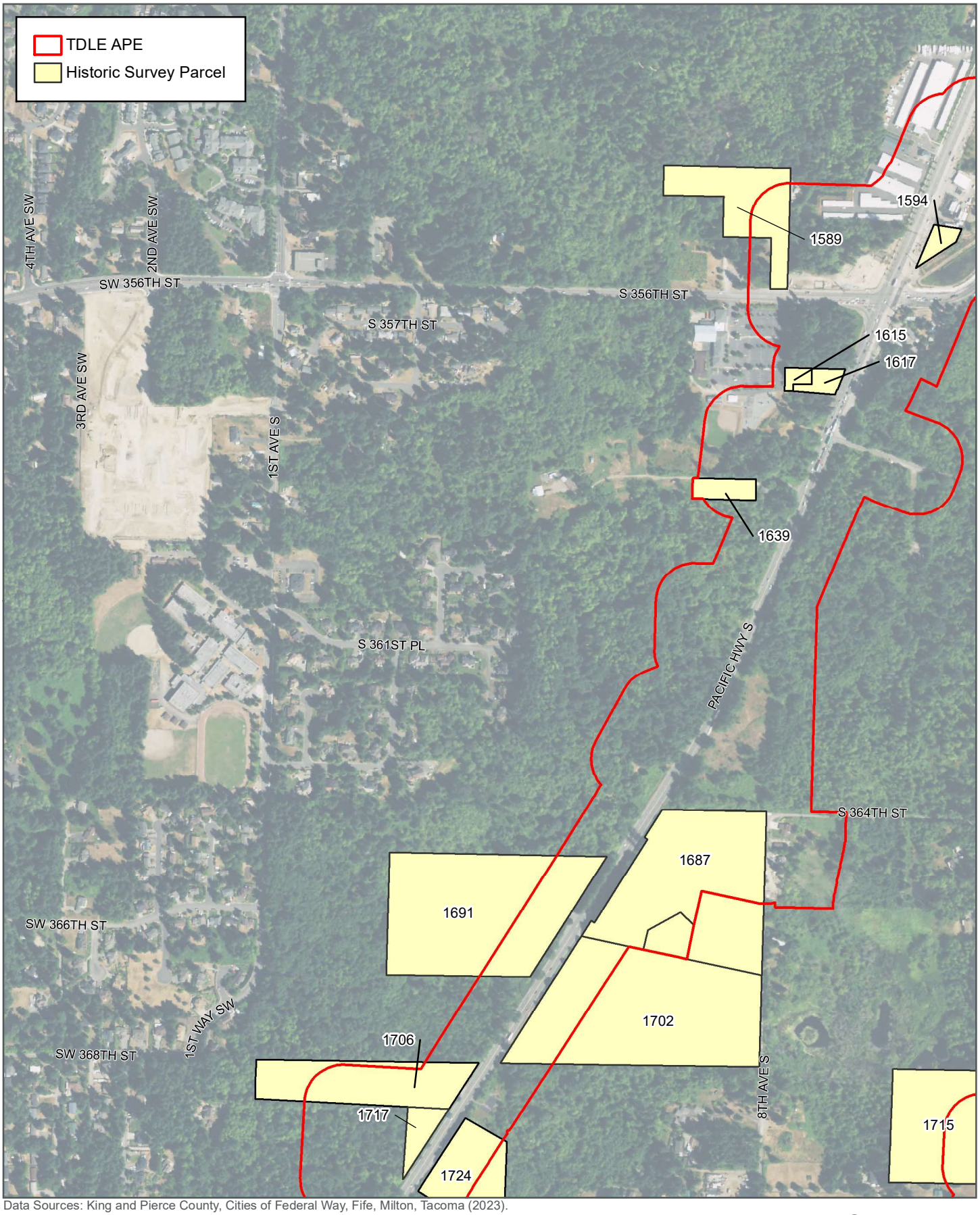

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-3
APE and Historic Survey Parcels
Tacoma Dome Link Extension

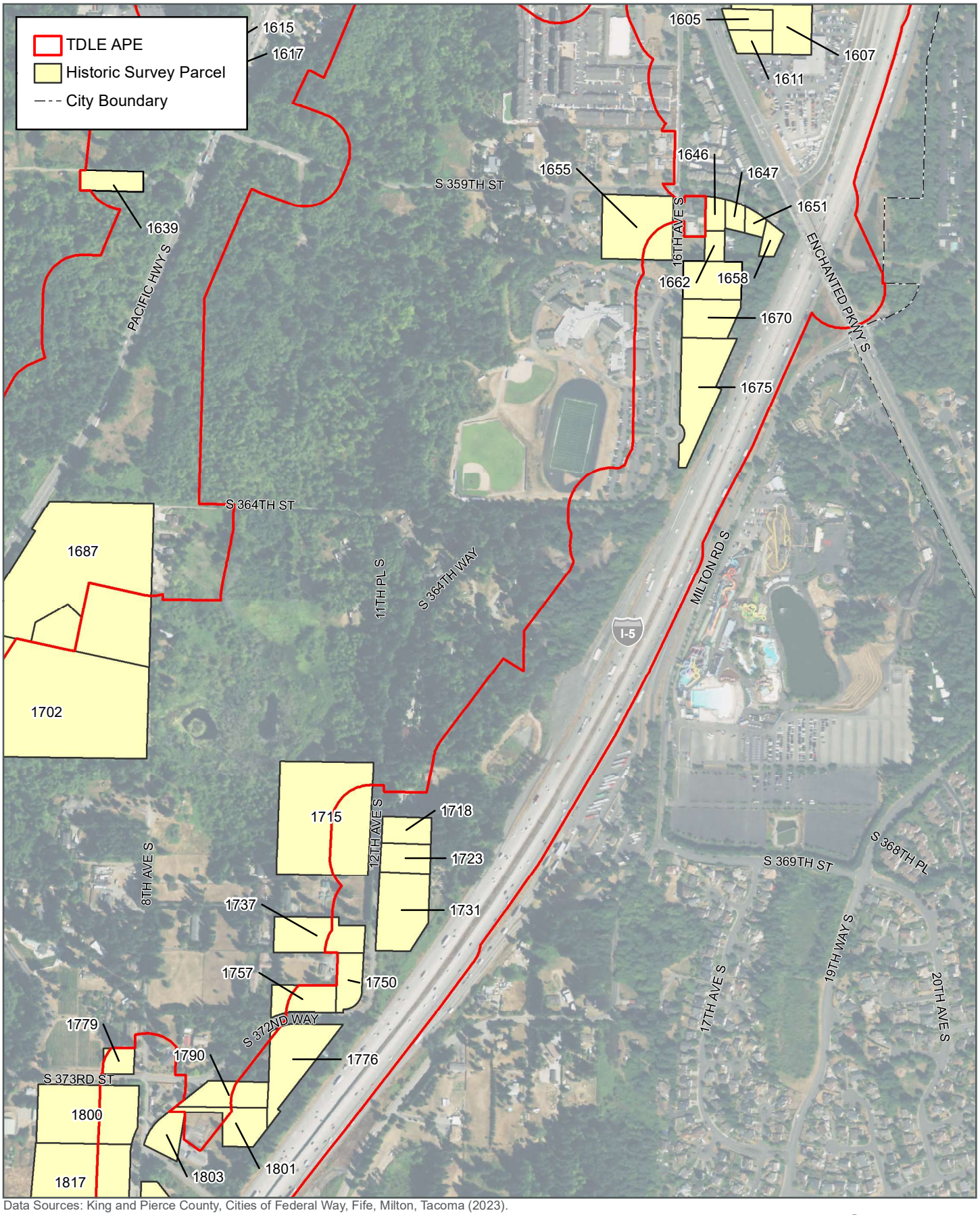

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-4
APE and Historic Survey Parcels
Tacoma Dome Link Extension

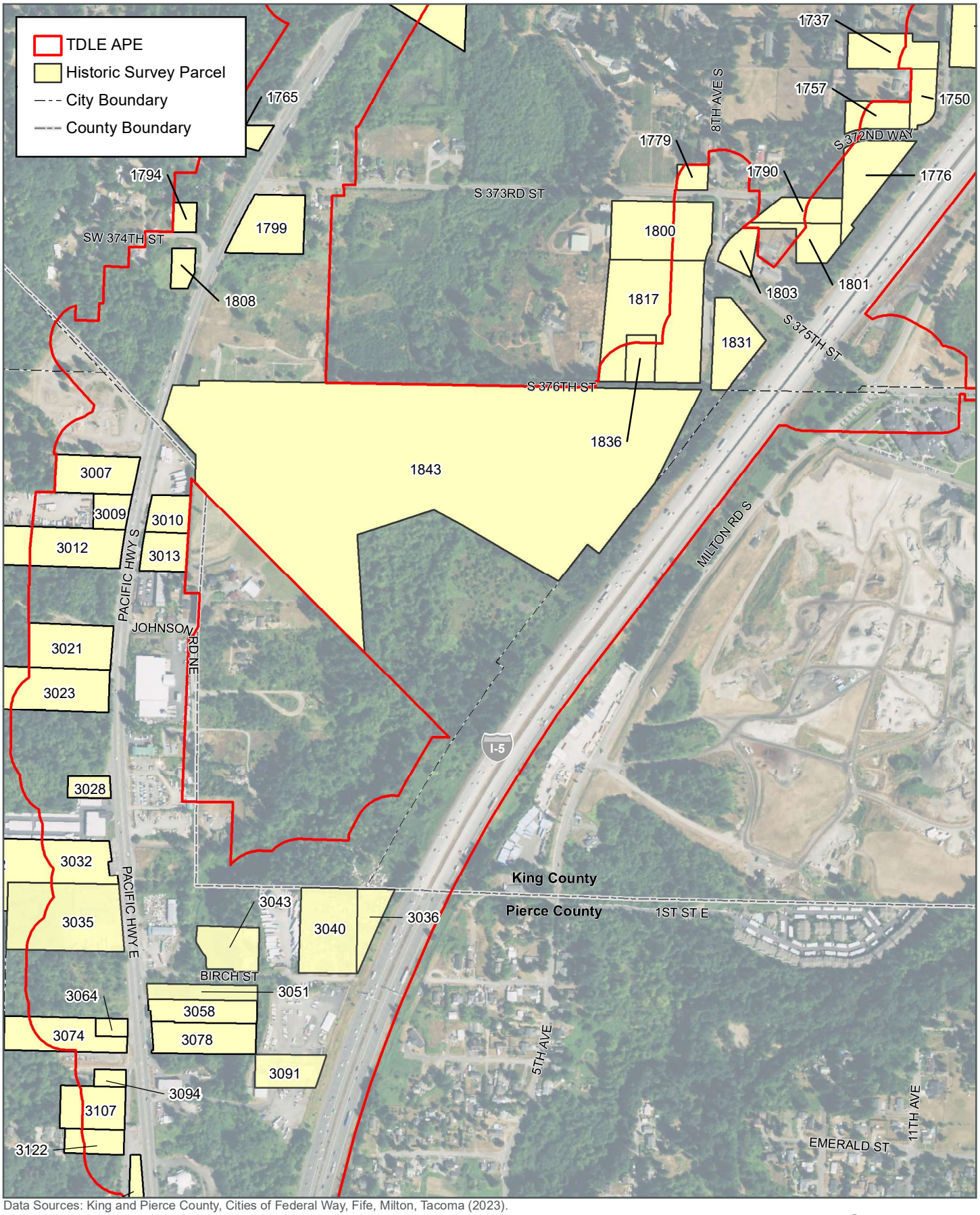

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-5
APE and Historic Survey Parcels
Tacoma Dome Link Extension

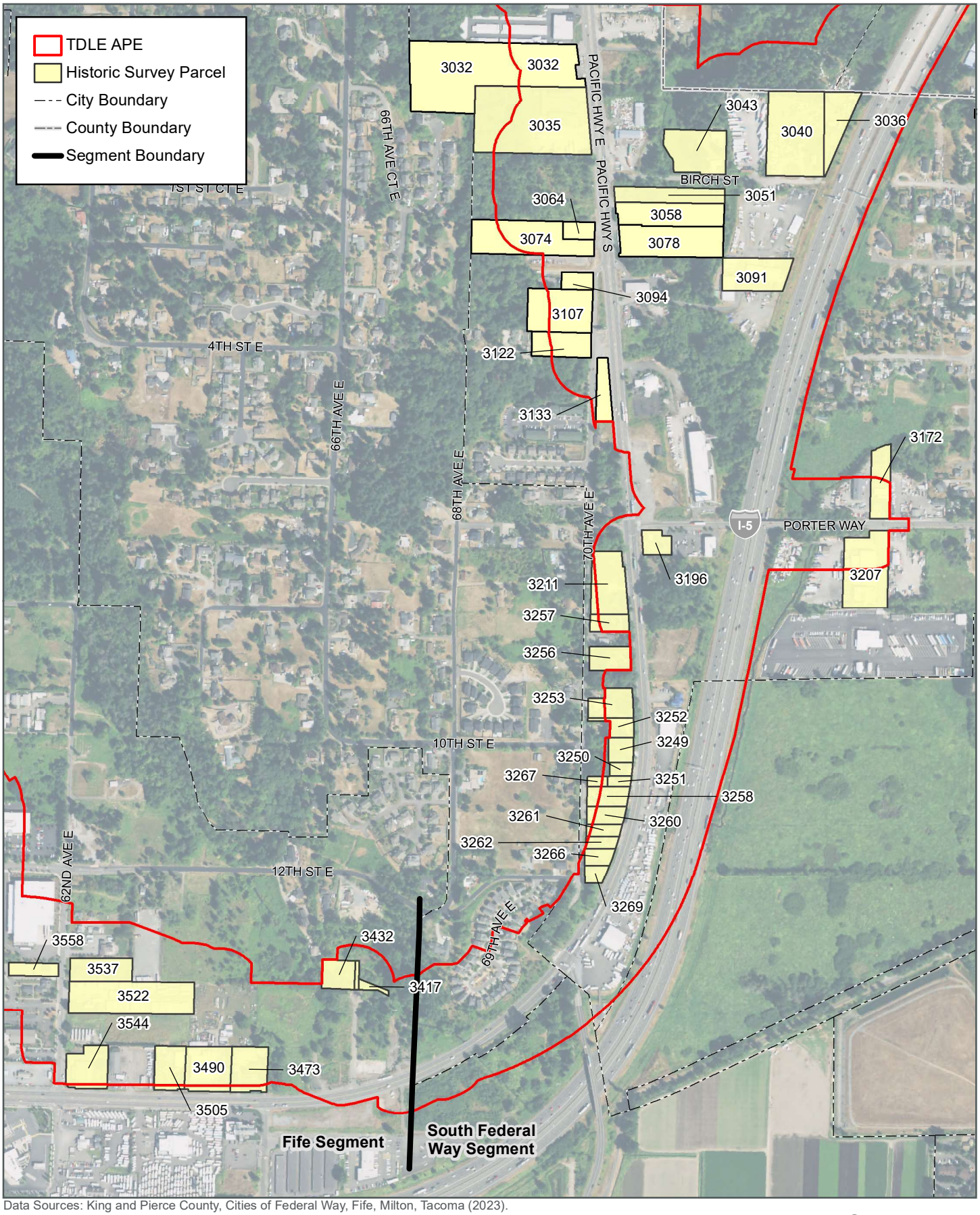

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-6
APE and Historic Survey Parcels
Tacoma Dome Link Extension

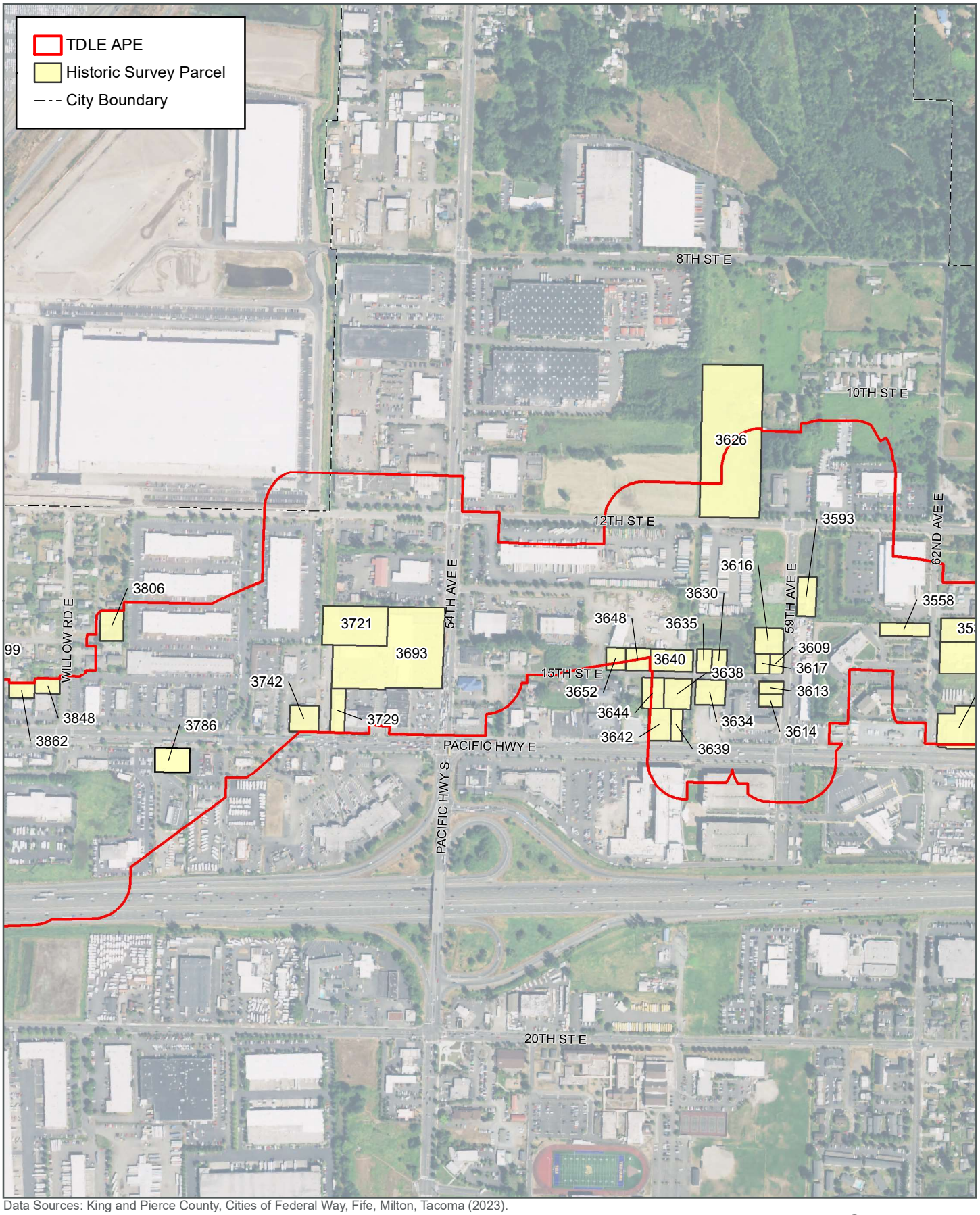

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-7
APE and Historic Survey Parcels
Tacoma Dome Link Extension

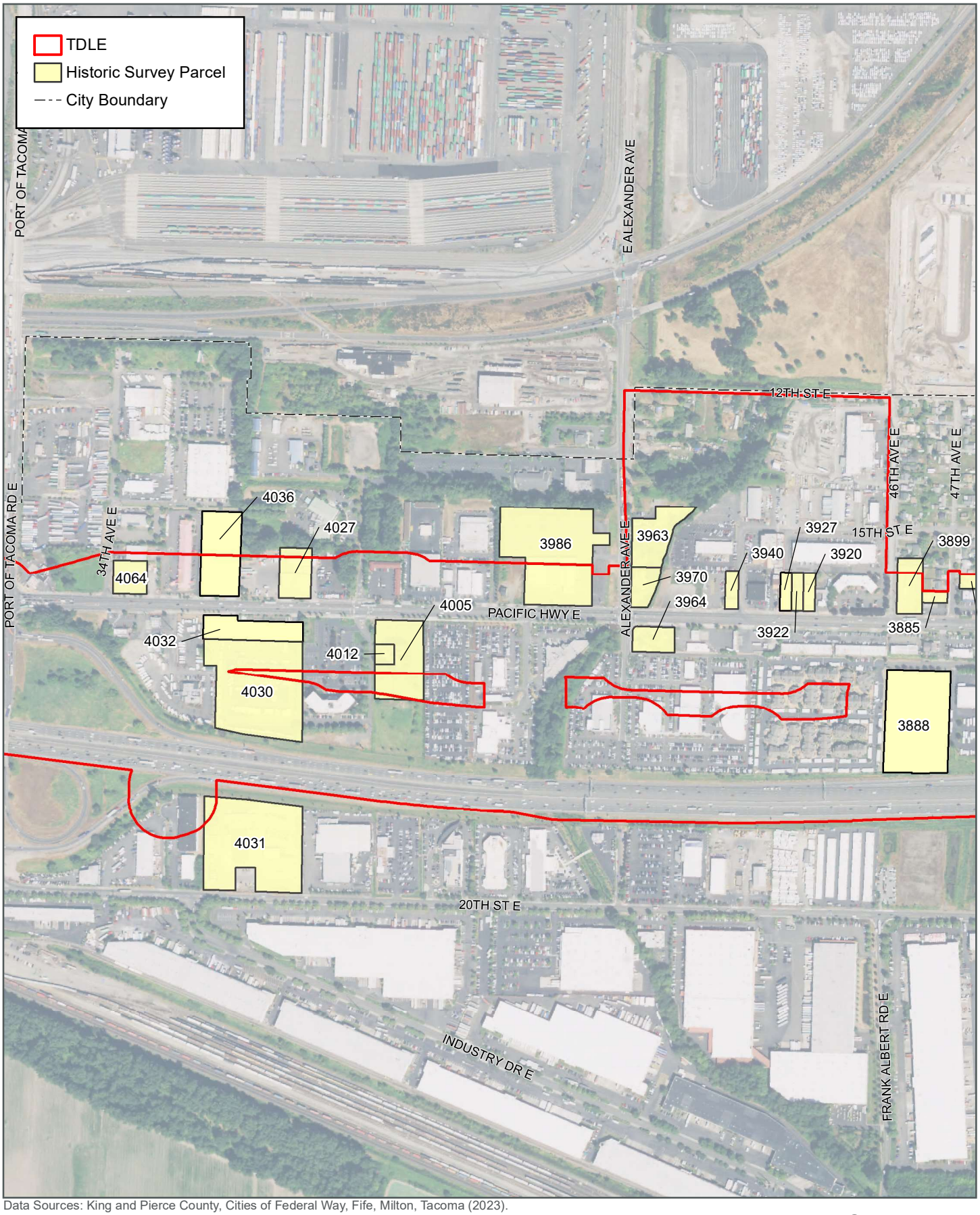

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-8
APE and Historic Survey Parcels
Tacoma Dome Link Extension

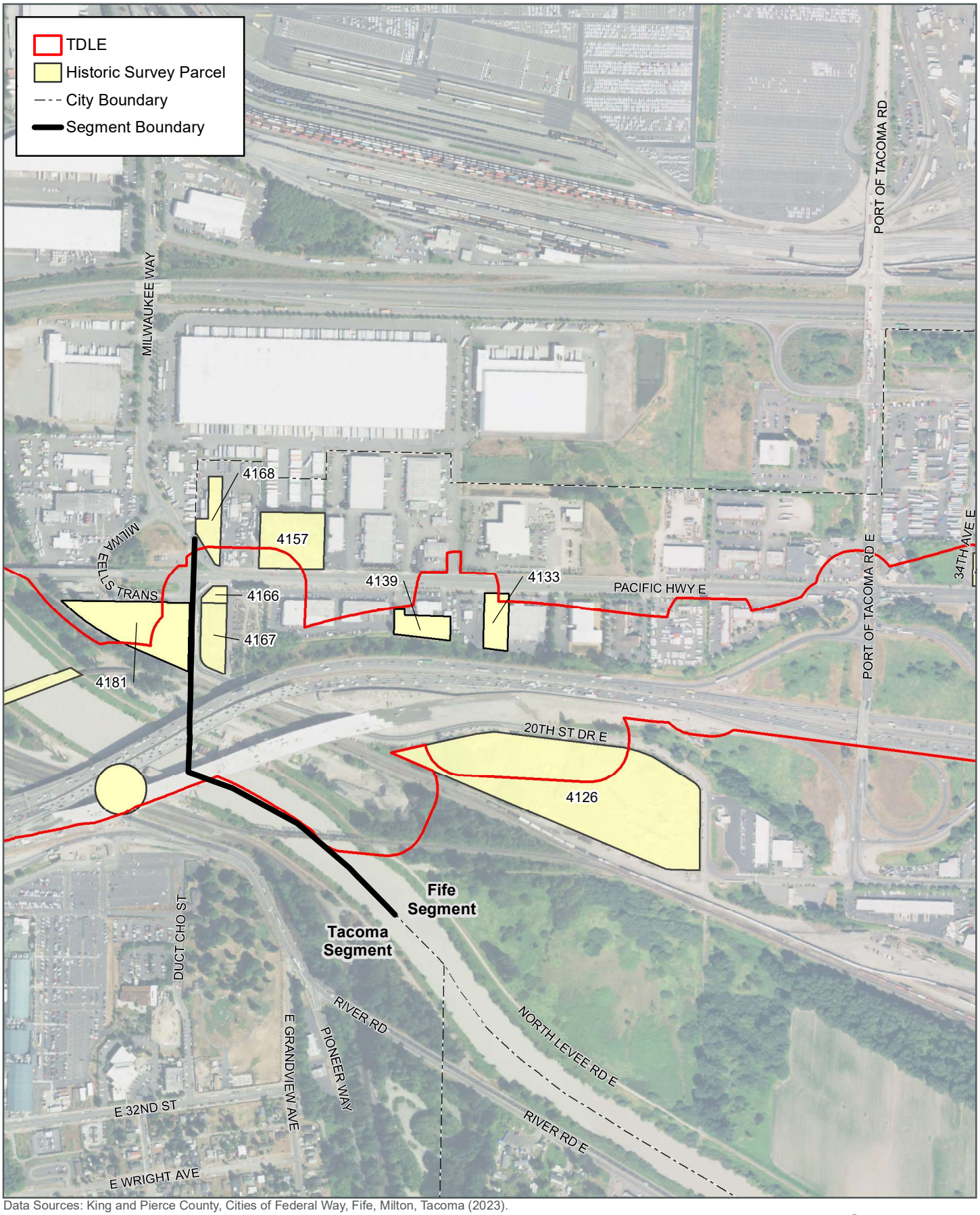

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-9
APE and Historic Survey Parcels
Tacoma Dome Link Extension

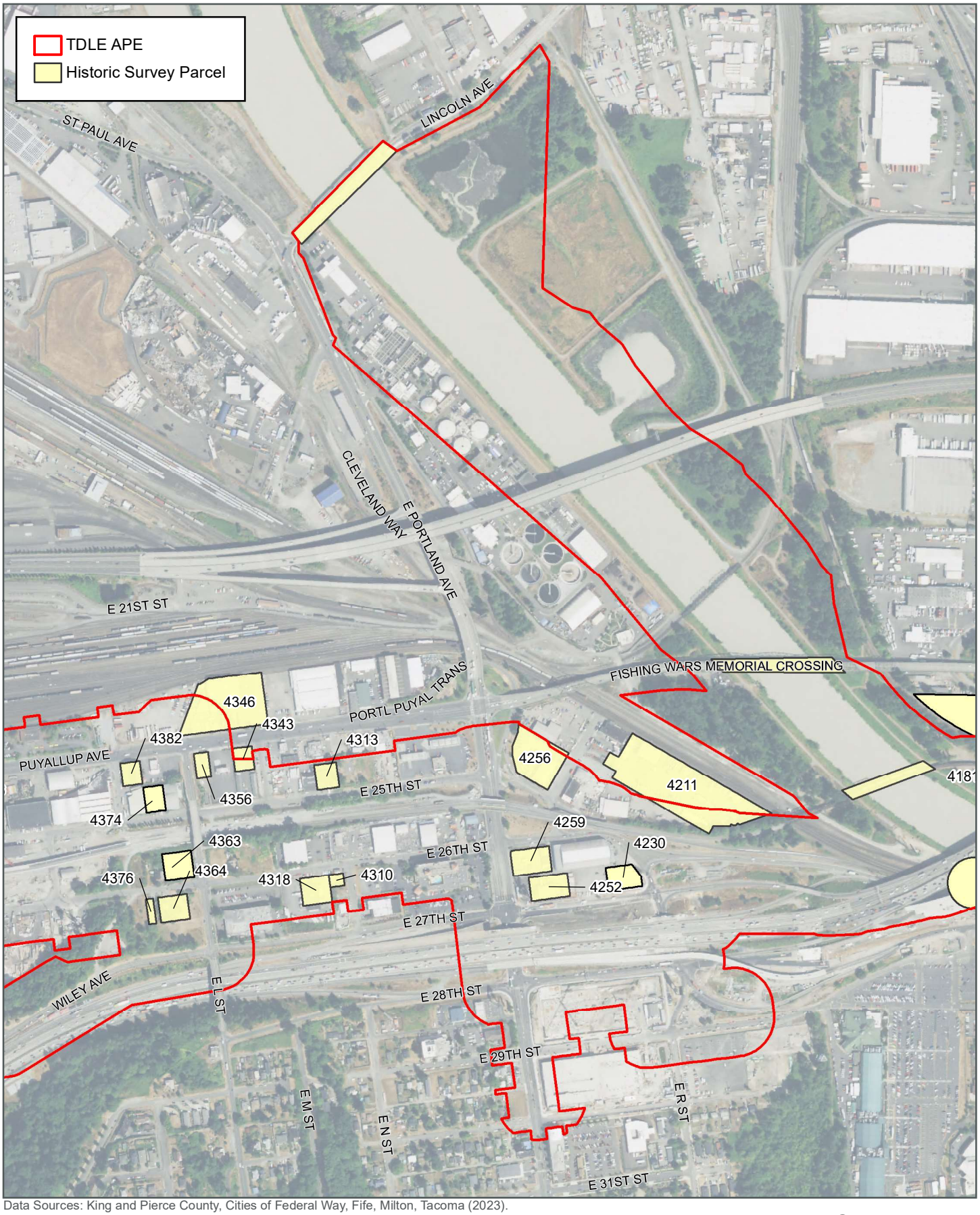

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 500 1,000 Feet

FIGURE J5.3-10
APE and Historic Survey Parcels
Tacoma Dome Link Extension

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

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FIGURE J5.3-11
APE and Historic Survey Parcels
Tacoma Dome Link Extension

Tacoma Dome
Link Extension

ATTACHMENT J5.4

Historic Map and Aerial Photograph Review

SOUNDTRANSIT

Table J5.4-1. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Federal Way and South Federal Way Segments)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
1868	–	GLO	Township 21 Range 4 (without Puyallup Reservation)	1:2,640	–	–
1897	1897	USGS	Tacoma, WA (Land Usage)	1:125,000	2	One near Gethsemane Cemetery One near SF Enchanted Way Station
1897	1897	USGS	Tacoma, WA	1:125,000	–	–
1900	1900	USGS	Tacoma, WA (Land Usage)	1:125,000	–	–
1900	1900	USGS	Tacoma, WA	1:125,000	–	–
1900	1902	USGS	Tacoma, WA	1:125,000	–	–
1900	1906	USGS	Tacoma, WA	1:125,000	–	–
1900	1909	USGS	Tacoma, WA	1:125,000	–	–
1900	1913	USGS	Tacoma, WA	1:125,000	–	–
1900	1924	USGS	Tacoma, WA	1:125,000	–	–
1928	–	D.H. White's Complete Atlas	Pierce County	1:1,320	–	–
1929	–	King County	State Road No. 1: Kit's Corner to Tacoma	1:100	–	–
1930	–	King County	Puget Sound Electric Railway Right-of-Way Plat	1:1,320	–	–
1937	–	King County	Section Aerial Photographs	1:1,320	6	Section 32, Township 21 N, Range 4 E
1900	1940	USGS	Tacoma, WA	1:125,000	–	–
1900	1945	USGS	Tacoma, WA	1:125,000	–	–
1942	–	King County	St. George's Cemetery Plat	1:100	1	St. George's Cemetery
1949	1956	USGS	Poverty Bay, WA	1:24,000	Many	Extensive development throughout the APE

Table J5.4-1. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Federal Way and South Federal Way Segments) (continued)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
1954	–	King County	Section Aerial Photographs	1:1,320	Many	Extensive development throughout the APE
1961	1962	USGS	Poverty Bay, WA	1:24,000	Many	Extensive development throughout the APE
1961	1969	USGS	Poverty Bay, WA	1:24,000	Many	Extensive development throughout the APE
1971	–	King County	Gethsemane Cemetery 2 Plat	1:100	1	Gethsemane Cemetery

Table J5.4-2. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Fife Segment)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	General Location of Potential Cultural Resource(s)
1874	1874	GLO	Puyallup Reservation	1:2,640	2 structures, 3 waterways	Structures near Youngsville and Puyallup River; Three waterways are spread out within the segment
1877	1877	U.S. Coastal Survey	Topography of Commencement Bay	1:20,000	–	–
1892	1892	U.S. Coast and Geodetic Survey	Tacoma and Vicinity (T-2262)	1:10,000	–	–
1892	1892	BIA	Puyallup Indian Reservation	1:2,640	–	–
1897	1897	USGS	Tacoma, WA (Land Usage)	1:125,000	9	Three along Wapato Creek Three between Wapato Creek and the Puyallup River Three near the east bank of the Puyallup River
1897	1897	USGS	Tacoma, WA	1:125,000	–	–
1900	1900	USGS	Tacoma, WA (Land Usage)	1:125,000	–	–
1900	1900	USGS	Tacoma, WA	1:125,000	–	–
1900	1902	USGS	Tacoma, WA	1:125,000	–	–
1900	1906	USGS	Tacoma, WA	1:125,000	–	–
1900	1909	USGS	Tacoma, WA	1:125,000	–	–
ca 1910	Ca 1910	L.A. Nicholson Civil Engineer	Tacoma Tide Lands for Terminals and Manufacturing Sites	1:1,320	1	Seattle-Tacoma Interurban Railway Approximately 10-20 meters south of Pacific Highway S
1900	1913	USGS	Tacoma, WA	1:125,000	–	–
1900	1924	USGS	Tacoma, WA	1:125,000	–	–
1928	–	D. H. White's Complete Atlas	Pierce County	1:1,320	1	Puget Sound Electric Railway
1929	–	King County	State Rd. No. 1: Kit's Corner to Tacoma	1:100	1	Puget Sound Electric Railway (detailed)

Table J5.4-2. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Fife Segment) (continued)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	General Location of Potential Cultural Resource(s)
1900	1940	USGS	Tacoma, WA	1:125,000	–	–
1940	1940	USACE	Aerial (Puyallup River Valley)	1:3,000	Many	Extensive development throughout the APE
1900	1945	USGS	Tacoma, WA	1:125,000	–	–
1941	1941	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1961	1961	USGS	Puyallup, WA	1:24,000	Many	Extensive development throughout the APE
1961	1961	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1961	1968	USGS	Puyallup, WA	1:24,000	Many	Extensive development throughout the APE

Table J5.4-3. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Tacoma Segment)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
1867	–	GLO	Township 20 Range 3 (without Puyallup Reservation)	1:2,640	3	Small structures along the west bank of the Puyallup River
1877	–	U.S. Coastal Survey	Topography of Commencement Bay (T-1453)	1:20,000	25+	Structures along the west bank of the Puyallup River
1888	–	Sanborn Fire Insurance Maps	City of Tacoma	1:200	Many	Development from 23rd Street to 28th Street and Pacific Avenue and B Street
1892	–	U.S. Coast and Geodetic Survey	Tacoma and Vicinity (T-2262)	1:10,000	Many	Development between Pacific Ave. and East L Street
1892	–	BIA	Puyallup Indian Reservation	1:2,640	–	–
1894	–	Nicholson & Bullard Civil Engineers	Indian Addition to the City of Tacoma	1:300	Many	Privately owned land between Pacific Ave. and East L Street
1896	–	Sanborn Fire Insurance Maps	City of Tacoma	1:200	Many	Development from 23rd Street to 28th Street and East E Street and East L Street
1889	–	Plummers Complete Atlas	County of Pierce WA	1:1,320	–	–
1897	1897	USGS	Tacoma, WA (Land Usage)	1:125,000	2	Structures along the west bank of the Puyallup River
1897	1897	USGS	Tacoma, WA	1:125,000	–	–
1900	1900	USGS	Tacoma, WA (Land Usage)	1:125,000	–	–
1900	1900	USGS	Tacoma, WA	1:125,000	–	–
1900	1902	USGS	Tacoma, WA	1:125,000	–	–
1900	1906	USGS	Tacoma, WA	1:125,000	–	–
1900	1909	USGS	Tacoma, WA	1:125,000	–	–

Table J5.4-3. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Tacoma Segment) (continued)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
ca 1910	–	L.A. Nicholson Civil Engineer	Tacoma Tide Lands for Terminals and Manufacturing Sites	1:1,320	–	–
1912	1912	Sanborn Fire Insurance Maps	City of Tacoma	1:200	Many	Extensive development from 23rd Street to 28th Street and East E Street and East R Street and Bay Street
1900	1913	USGS	Tacoma, WA	1:125,000	–	–
1900	1924	USGS	Tacoma, WA	1:125,000	–	–
1928	–	D.H. White's Complete Atlas	Pierce County	1:1,320	–	–
1900	1940	USGS	Tacoma, WA	1:125,000	–	–
1940	1940	USACE	Aerial (Puyallup River Valley)	1:3,000	Many	Extensive development along US 99 within the APE
1941	1941	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1900	1945	USGS	Tacoma, WA	1:125,000	2	Structures along the west bank of the Puyallup River
1961	1961	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1961	1961	USGS	South Tacoma, WA	1:24,000	Many	Extensive development throughout the APE
1961	1968	USGS	South Tacoma, WA	1:24,000	Many	Extensive development throughout the APE

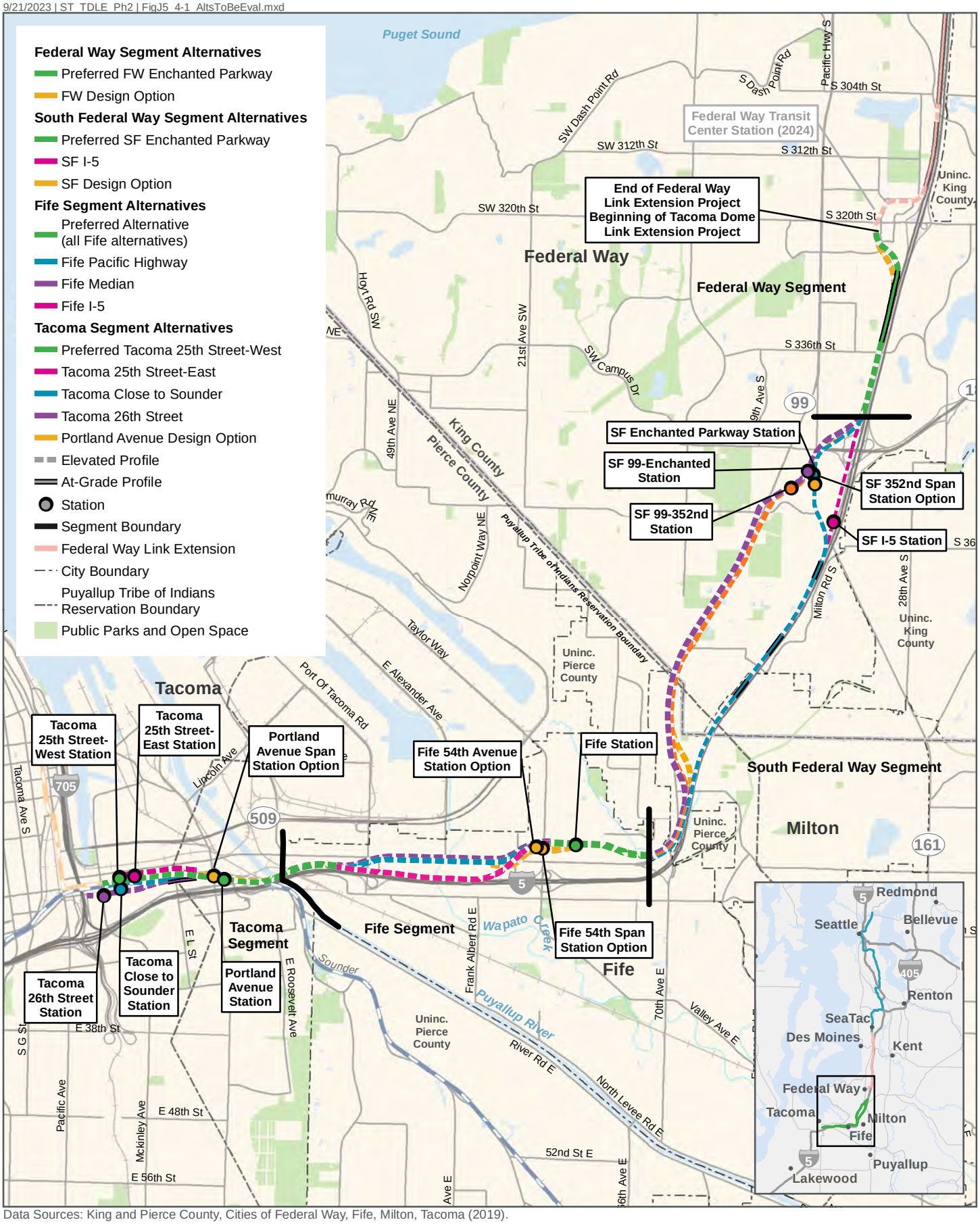

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

DRAFT

FIGURE J5.4-1
Alternatives to be Evaluated in the Draft EIS
Tacoma Dome Link Extension

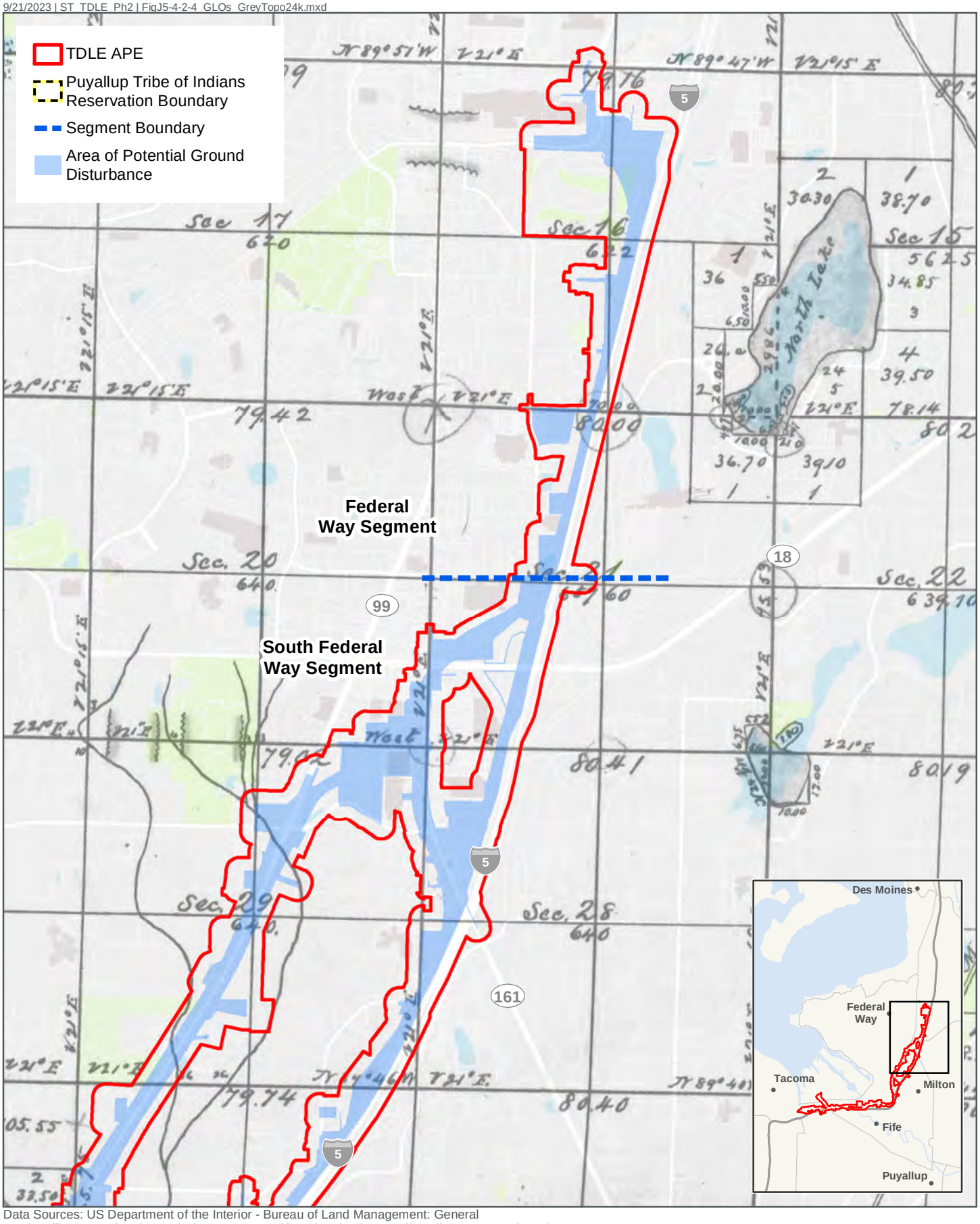

Data Sources: US Department of the Interior - Bureau of Land Management: General Lands Office Records; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

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DRAFT

FIGURE J5.4-2
General Lands Office Plats
South Federal Way Segment
Tacoma Dome Link Extension

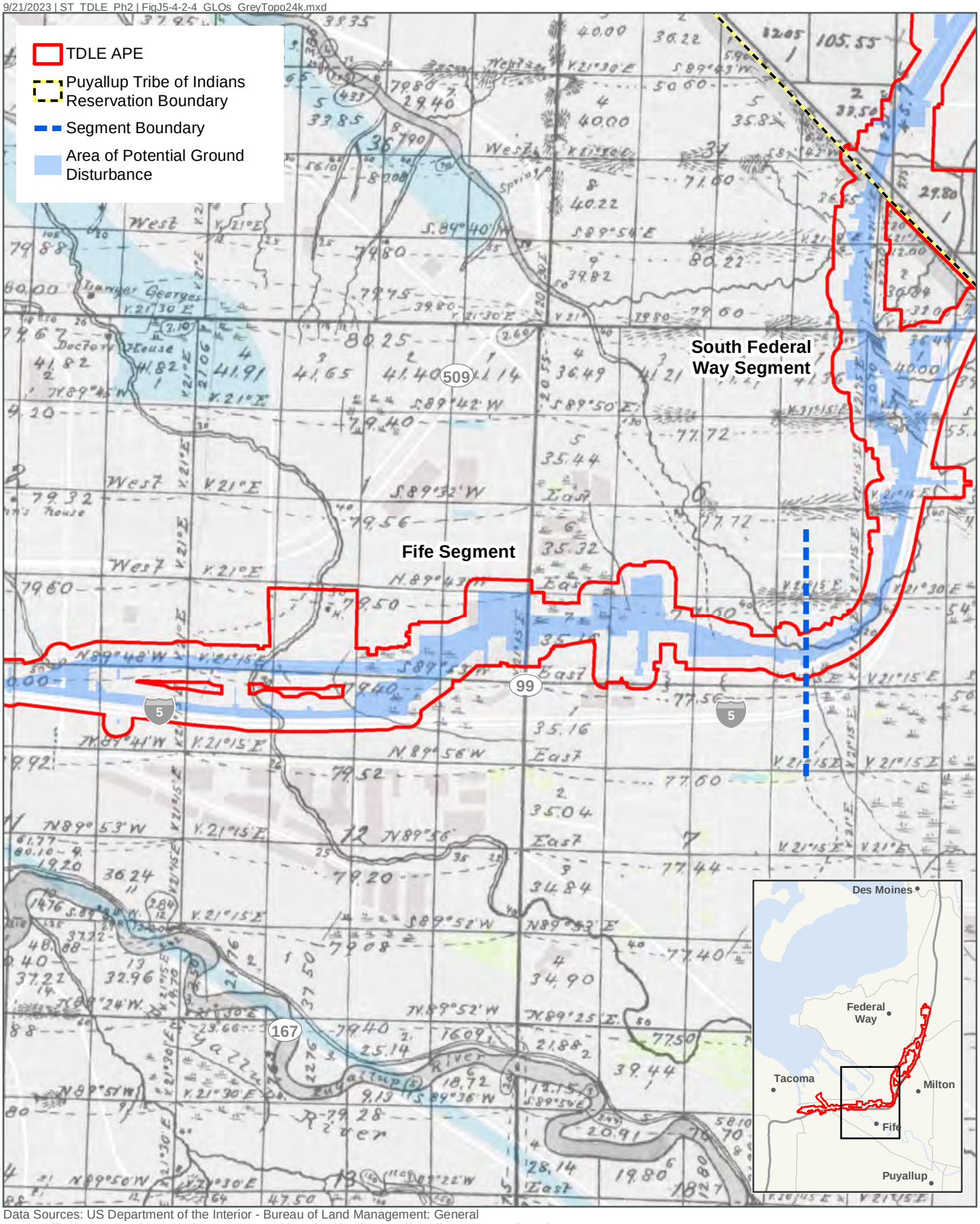

Data Sources: US Department of the Interior - Bureau of Land Management: General Lands Office Records; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1,000 2,000 Feet

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FIGURE J5.4-3
General Lands Office Plats
Fife Segment
Tacoma Dome Link Extension

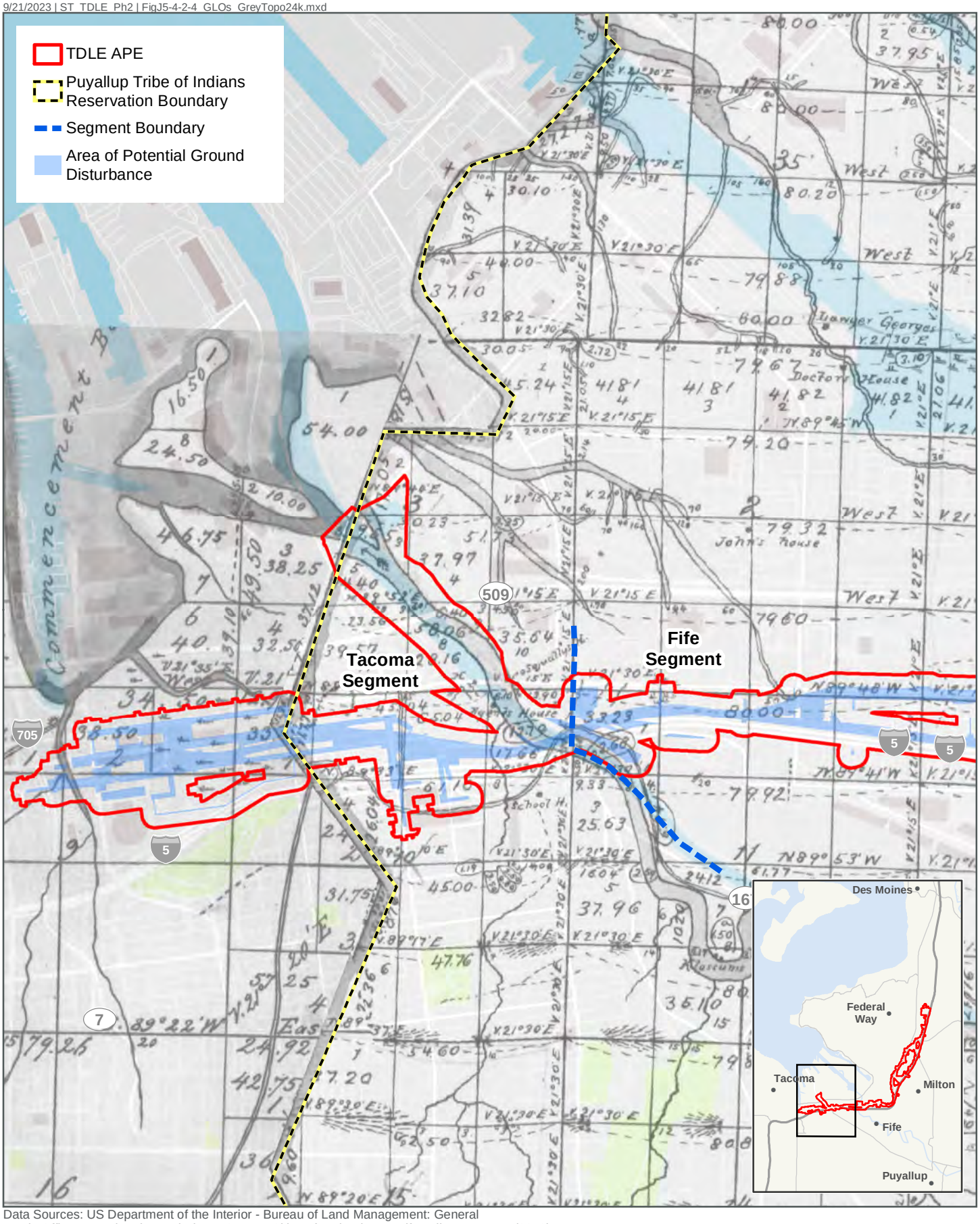

Data Sources: US Department of the Interior - Bureau of Land Management: General Lands Office Records; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1,000 2,000 Feet

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FIGURE J5.4-4
General Lands Office Plats
Tacoma Segment
Tacoma Dome Link Extension

Data Sources: Sanborn Map and Publishing Company (1888); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 250 500 Feet

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FIGURE J5.4-5
1888 Sanborn Maps of Tacoma Within the APE
Tacoma Dome Link Extension

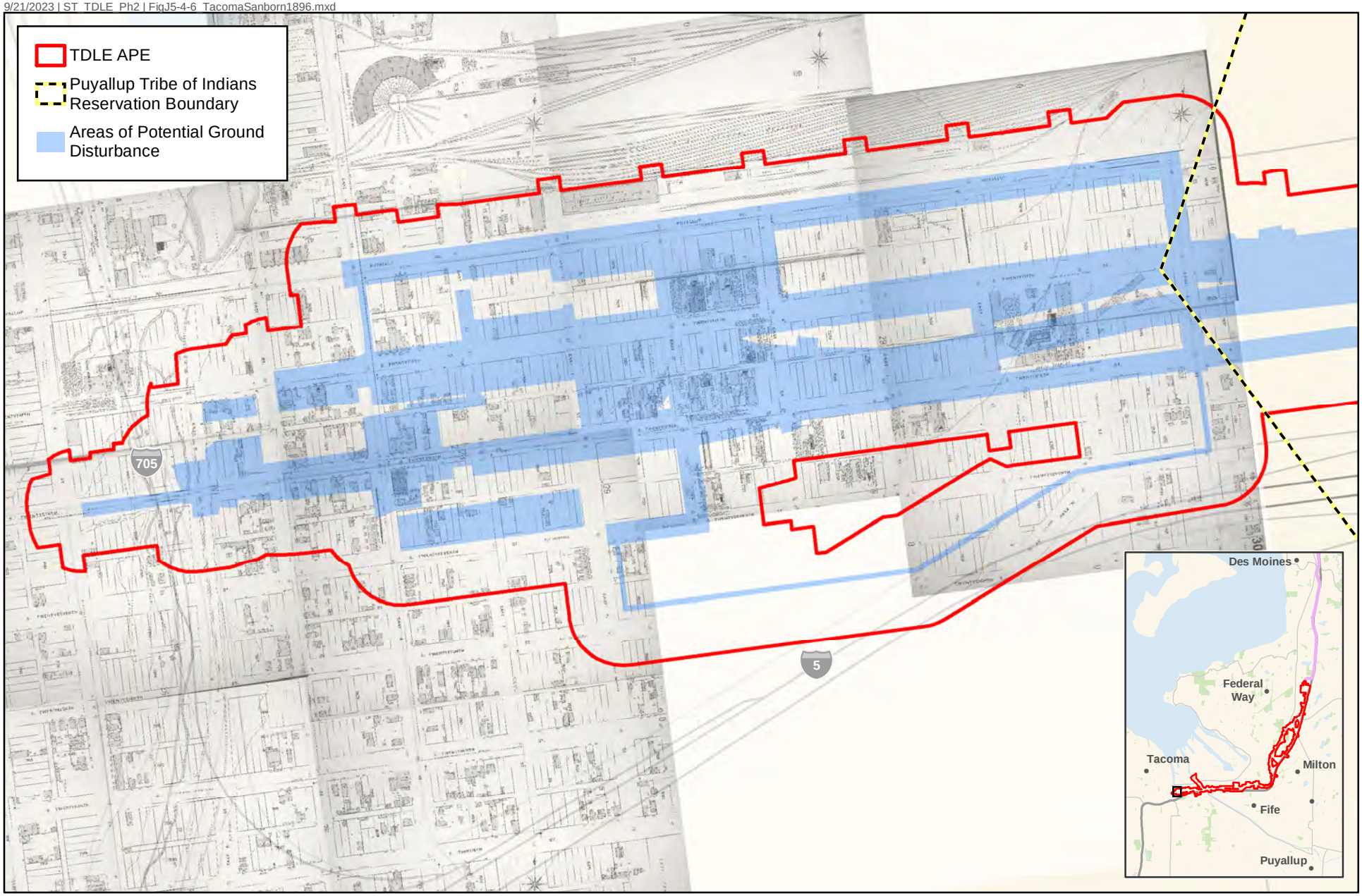

Data Sources: Sanborn Map and Publishing Company (1896); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-6
1896 City of Tacoma Sanborn Maps
Within and Surrounding the APE

N

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Tacoma Dome Link Extension

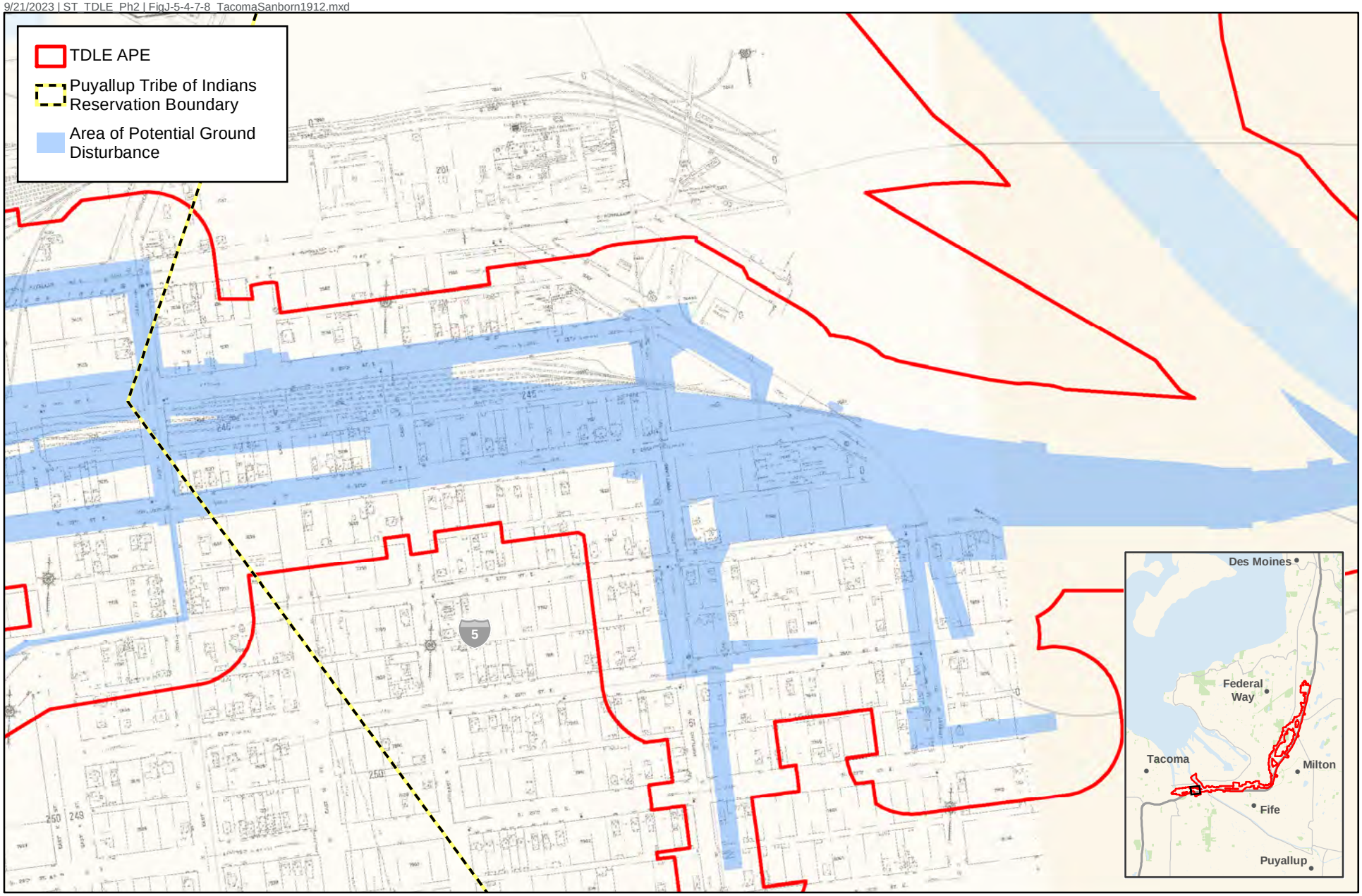

Data Sources: Sanborn Map and Publishing Company (1912); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-7
1912 City of Tacoma Sanborn Maps
Within and Surrounding the APE

N

0 500 1,000 Feet

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Tacoma Dome Link Extension

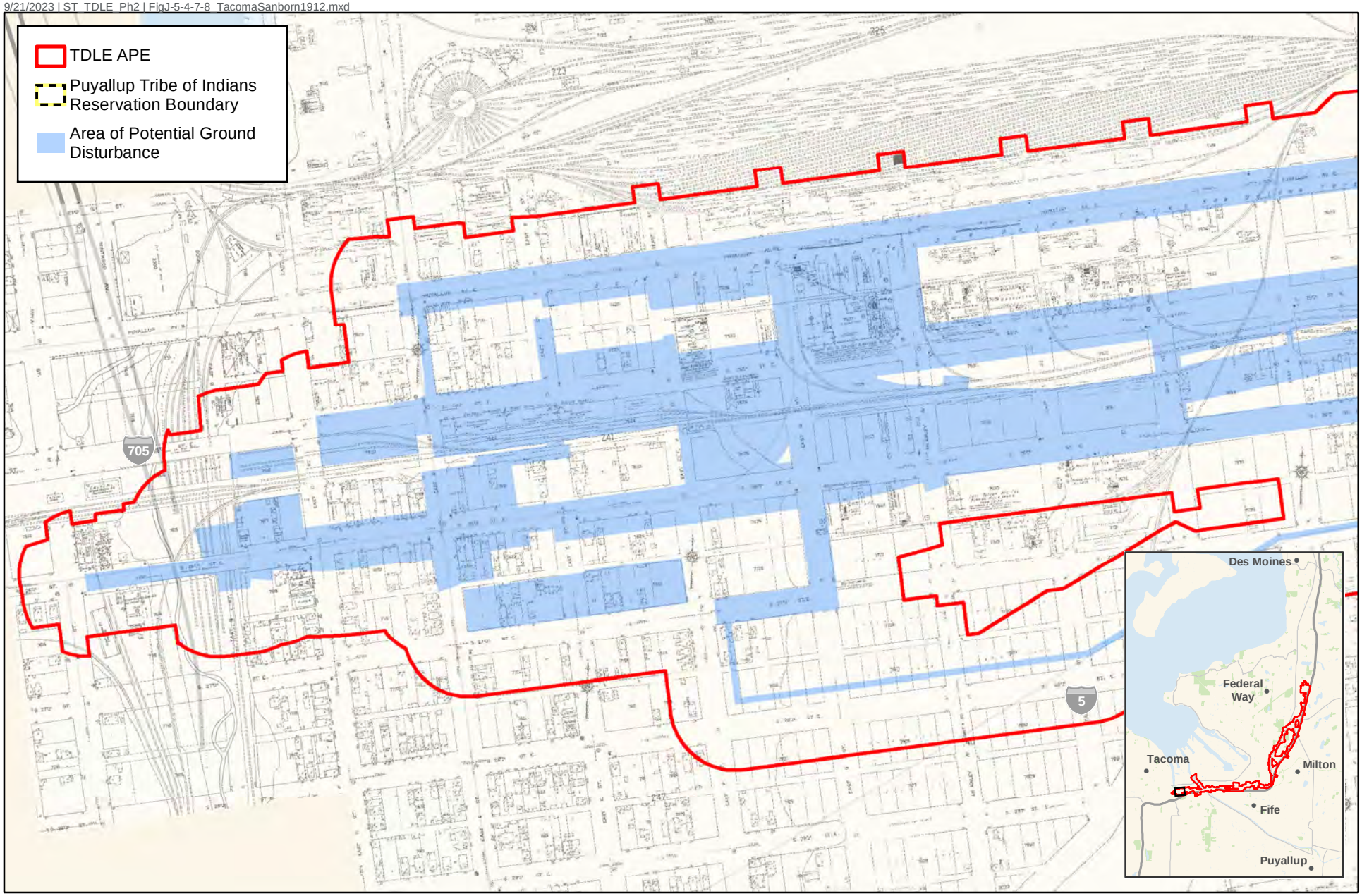

Data Sources: Sanborn Map and Publishing Company (1912); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-8
1912 City of Tacoma Sanborn Maps Within and Surrounding the APE

N

0 500 1,000 Feet

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Tacoma Dome Link Extension

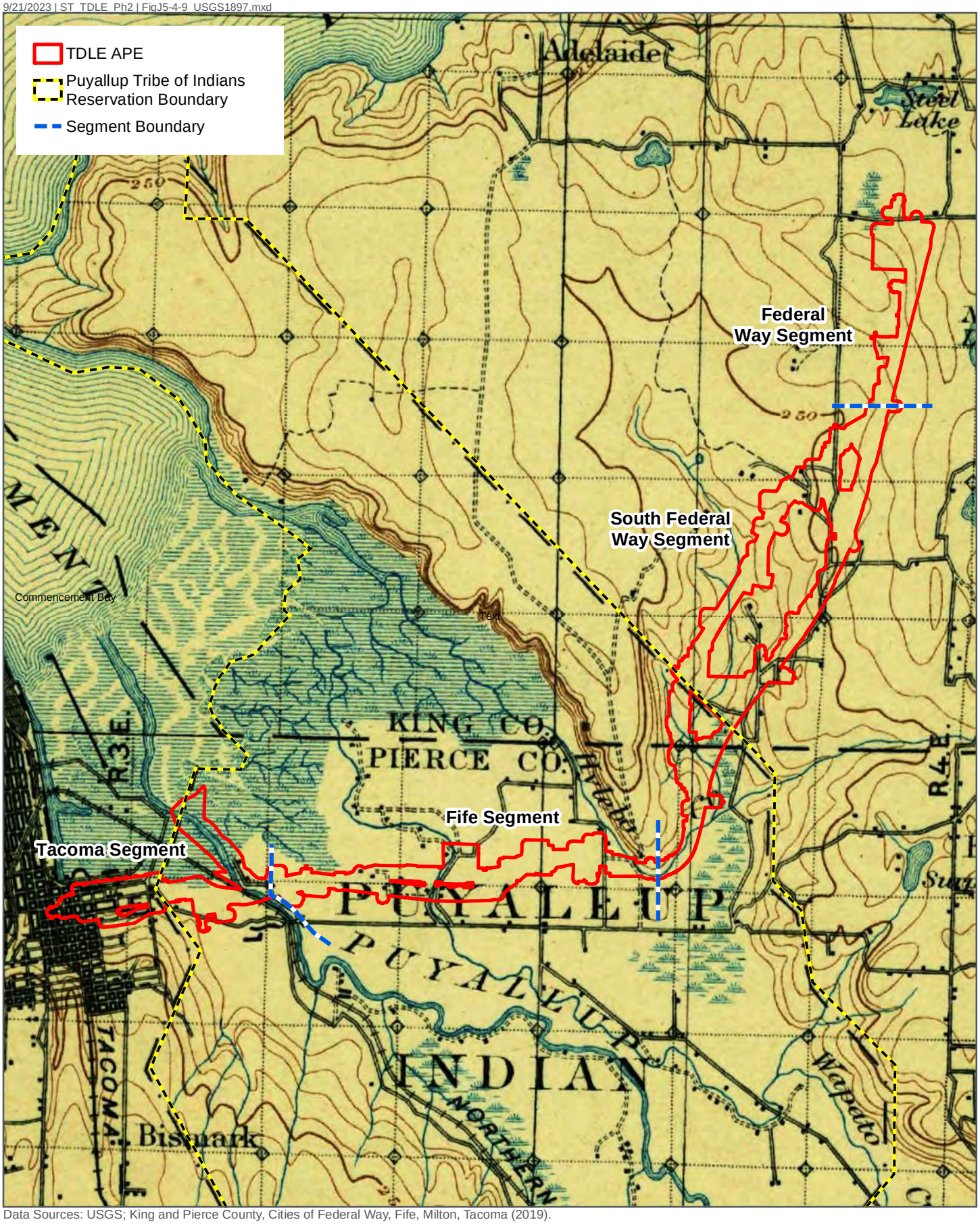

Data Sources: USGS; King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

DRAFT

FIGURE J5.4-9
1897 USGS Map Within and Surrounding the APE
Tacoma Dome Link Extension

9/21/2023 | ST_TDLE_Ph2 | FigJ5-4-10_T-2262_1892.mxd

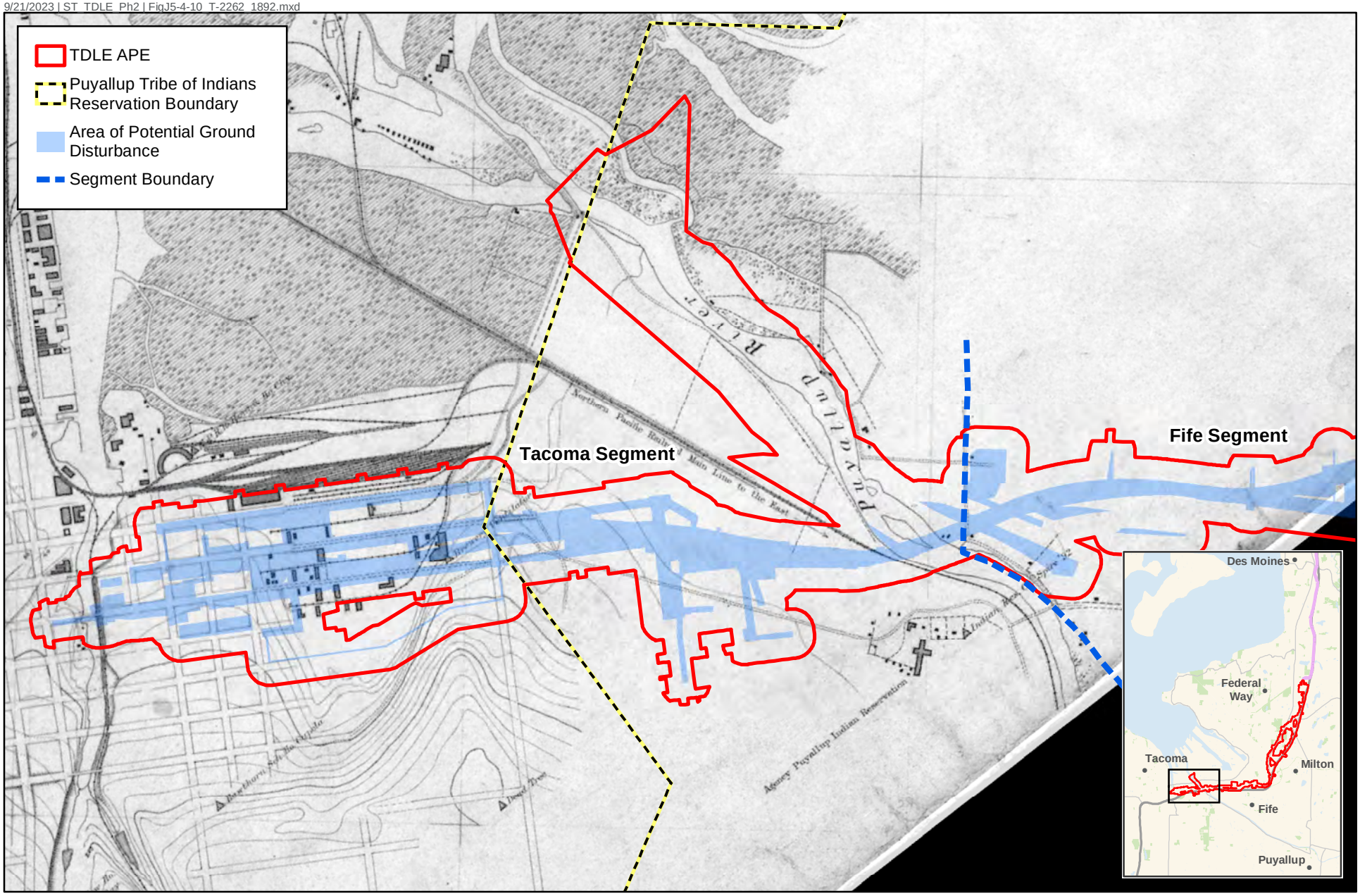

Data Sources: National Oceanic and Atmospheric Administration; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-10
1892 T-2262 Map Within and Surrounding the APE

N

0 500 1,000 Feet

DRAFT

Tacoma Dome Link Extension

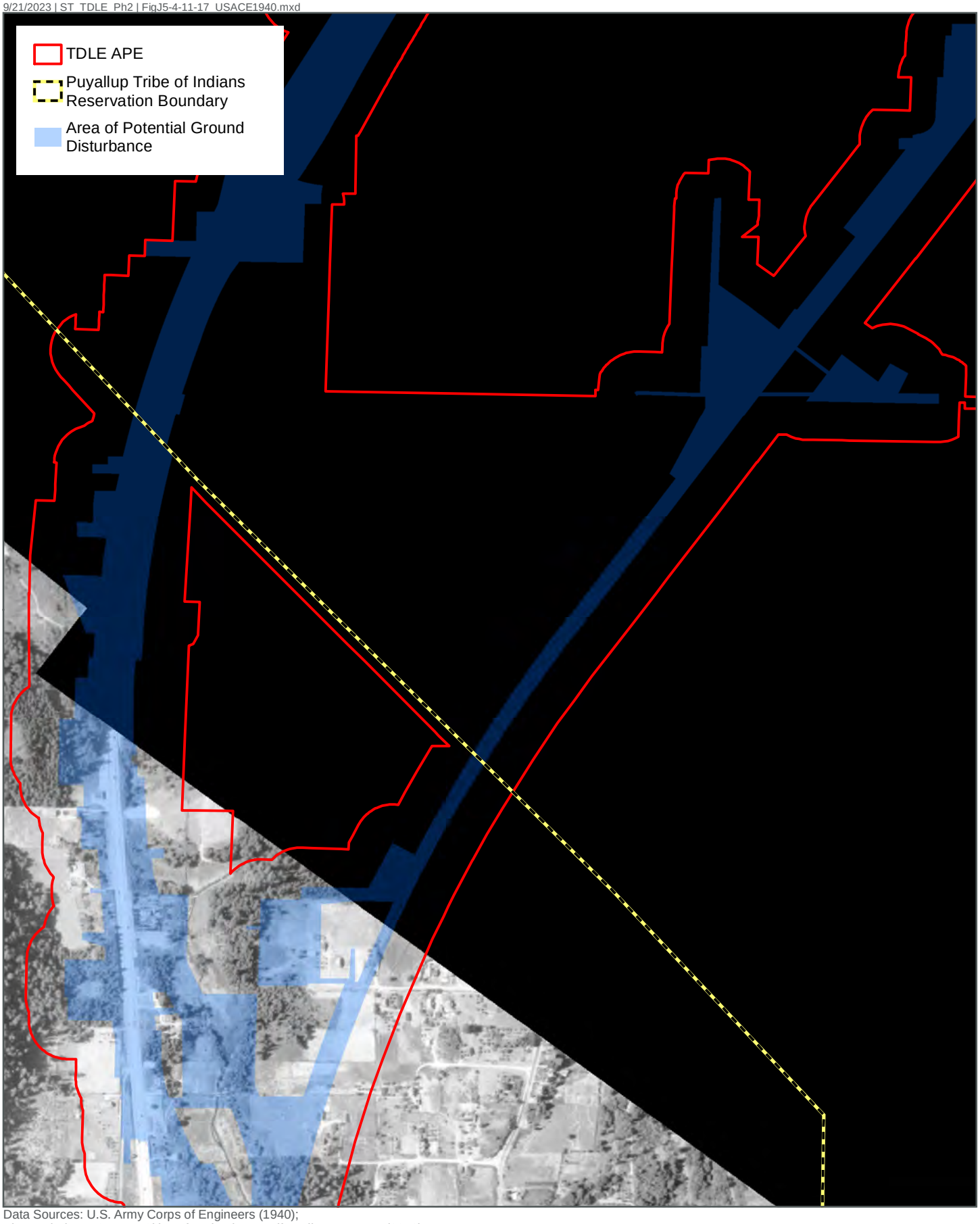

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-11
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

9/21/2023 | ST_TDLE_Ph2 | FigJ5-4-11-17_USACE1940.mxd

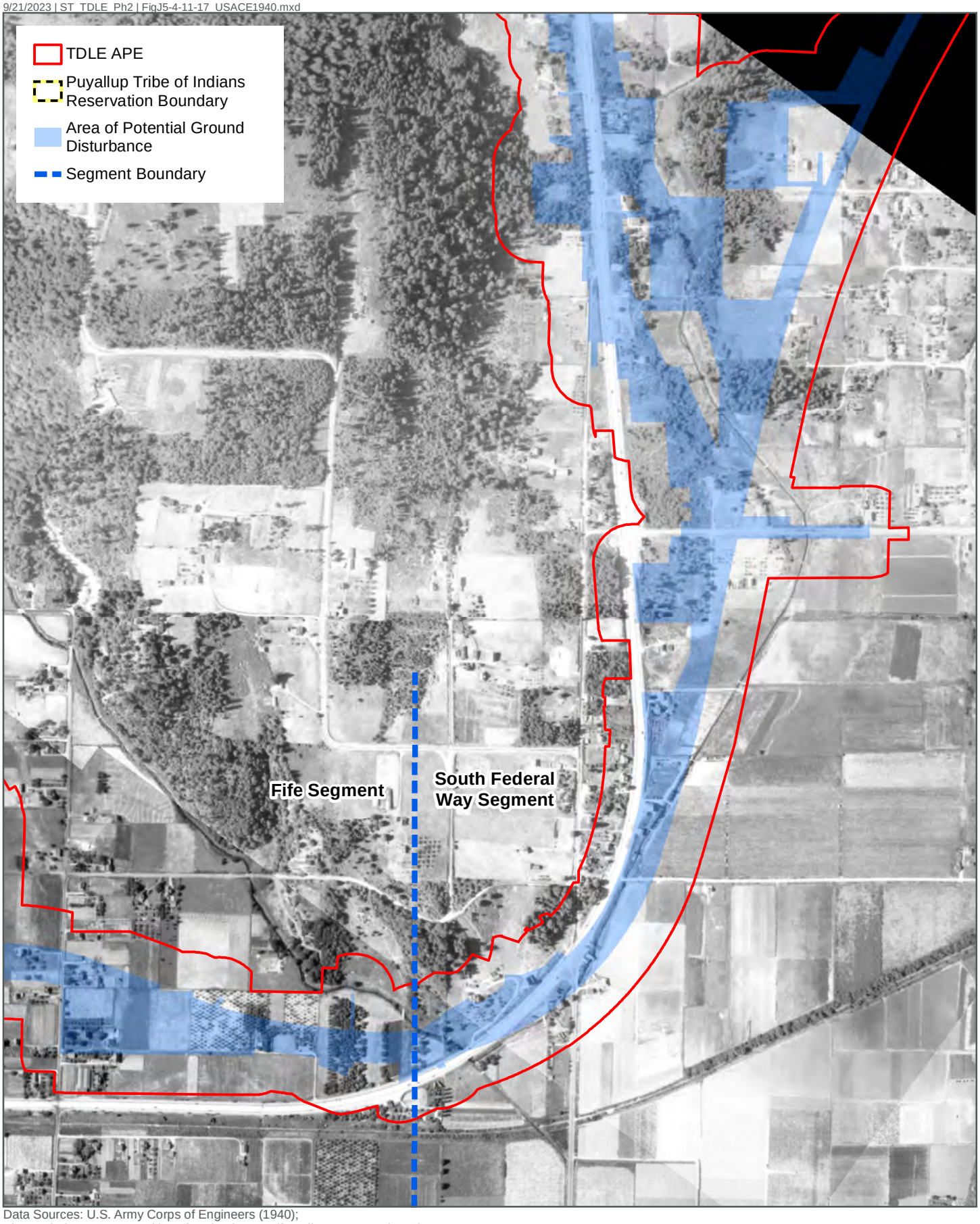

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-12
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

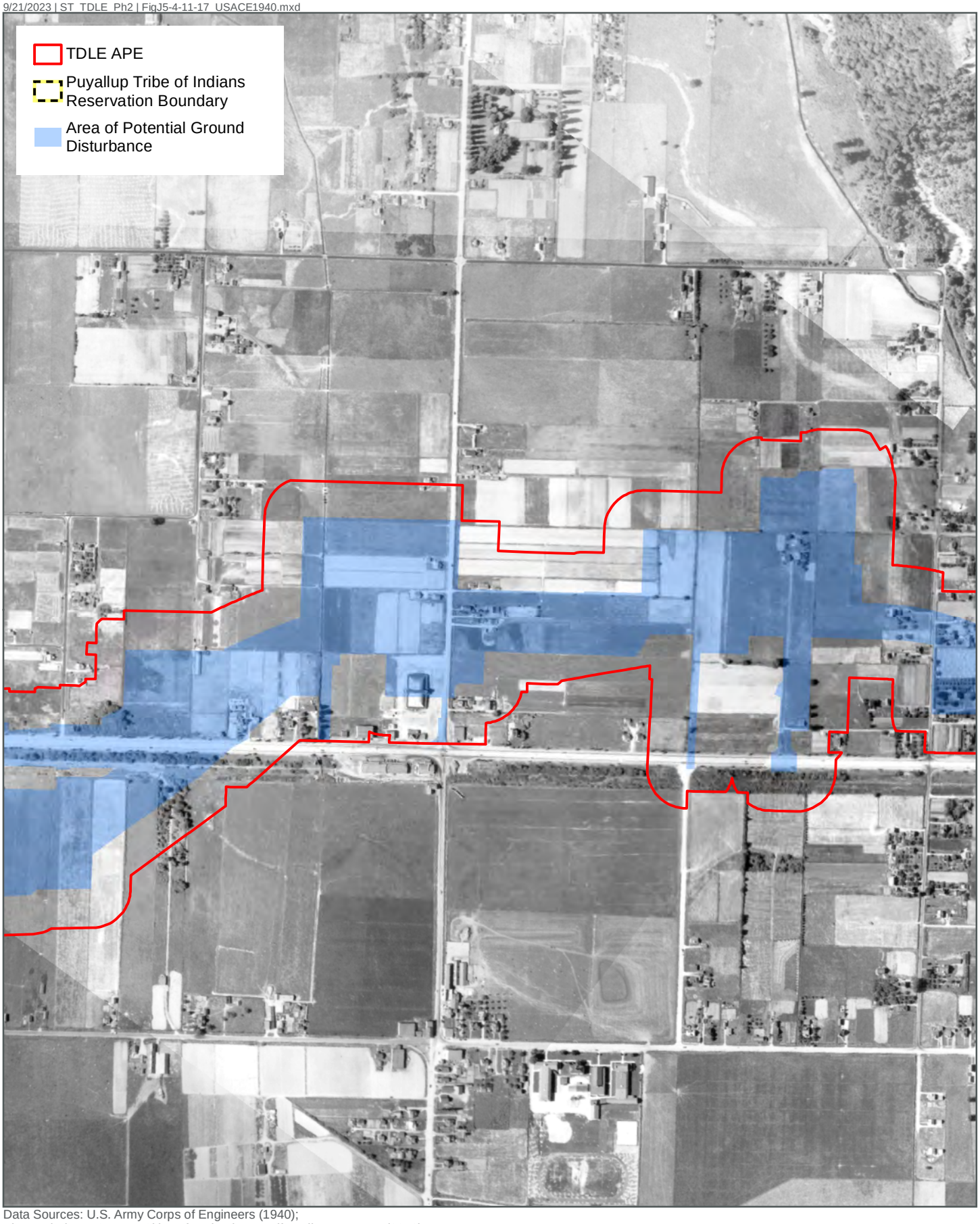

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-13
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

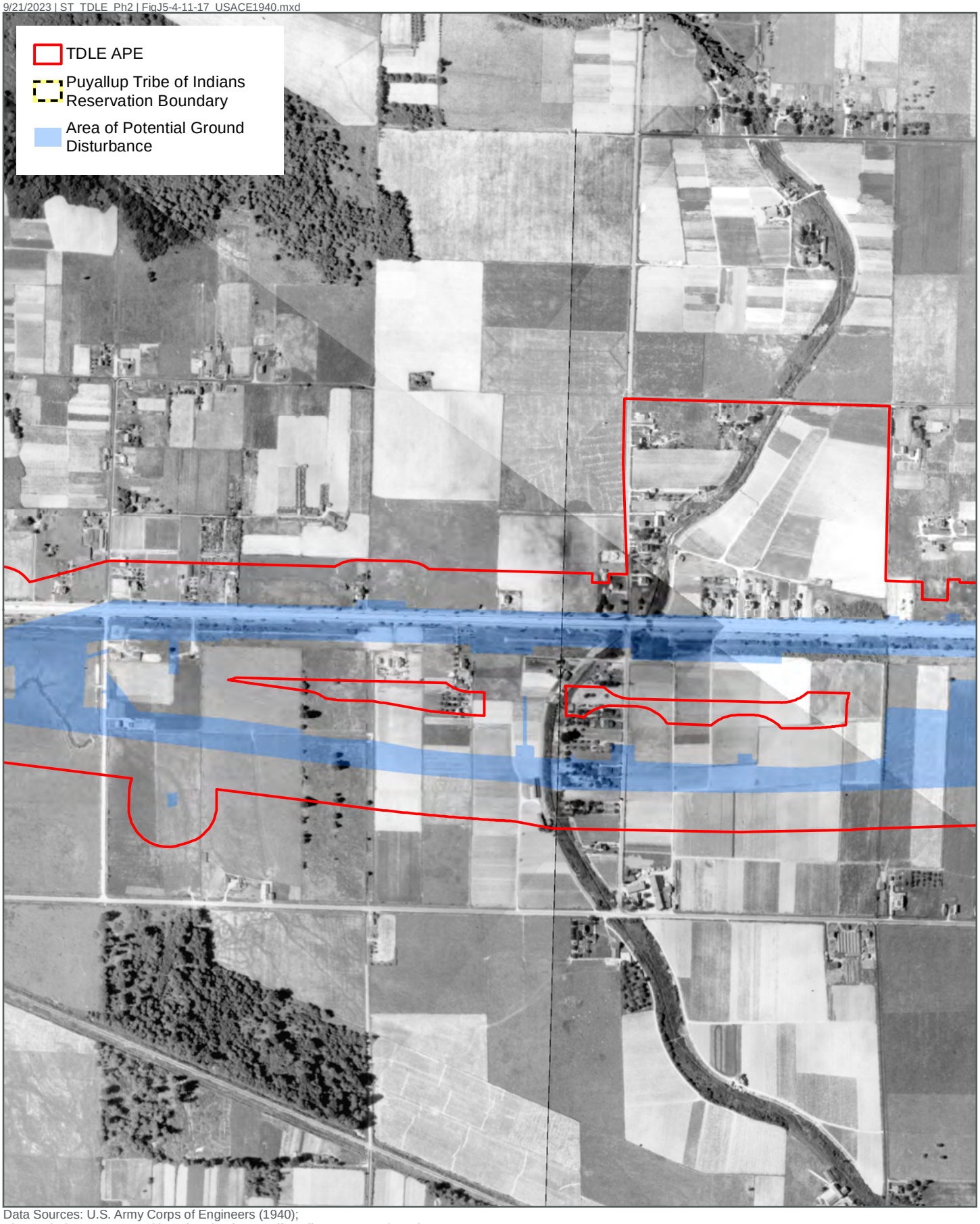

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-14
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

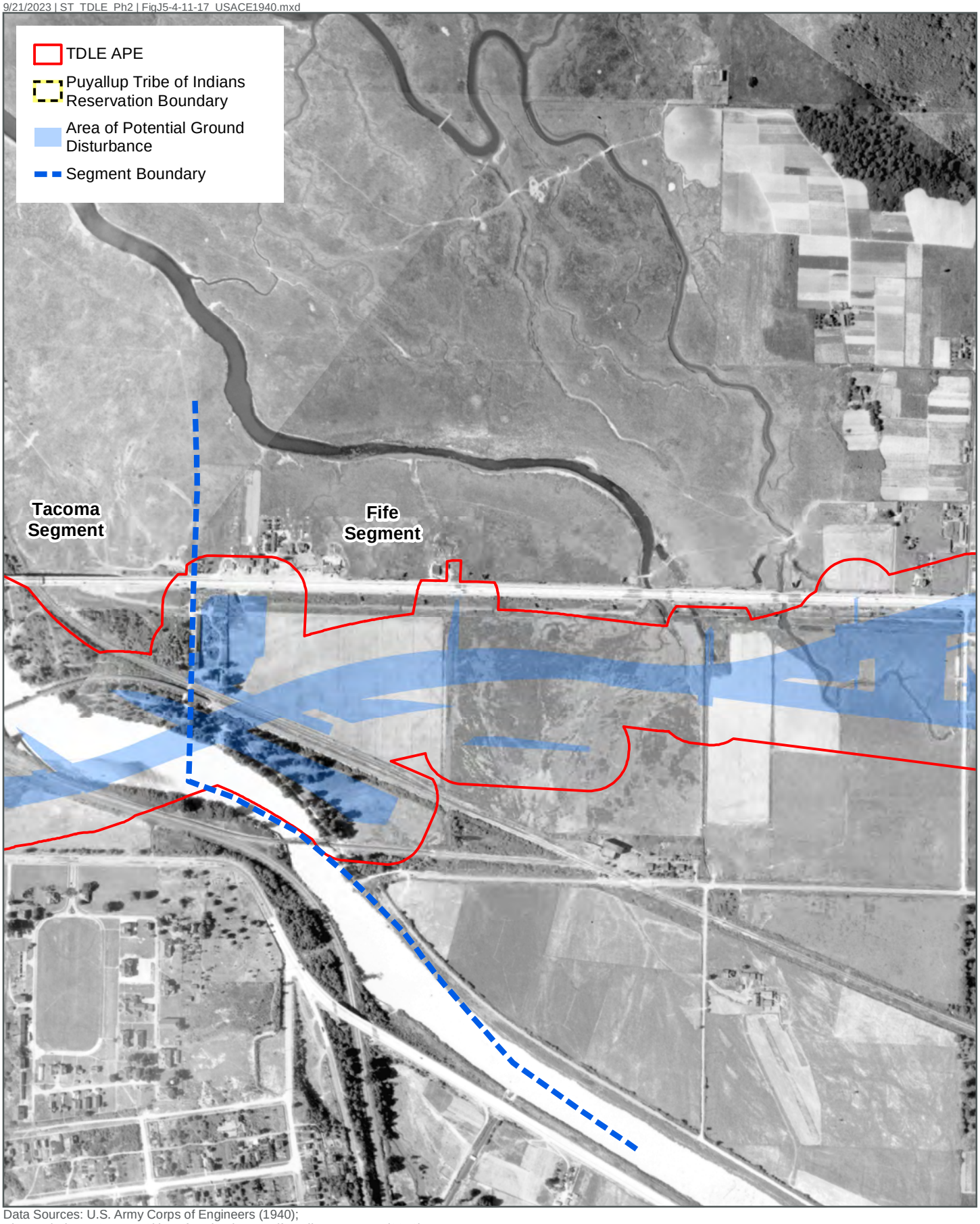

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-15
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

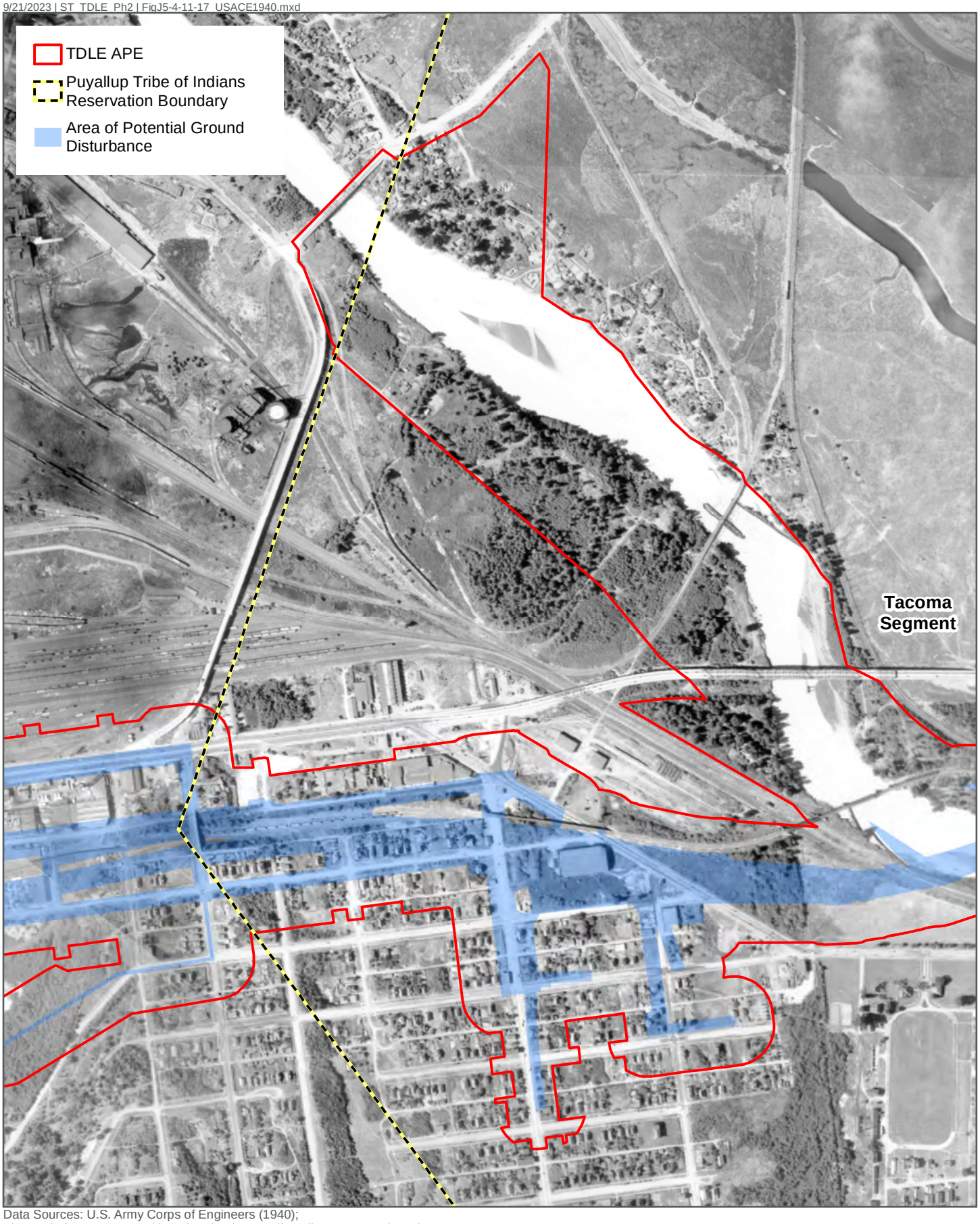

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-16
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

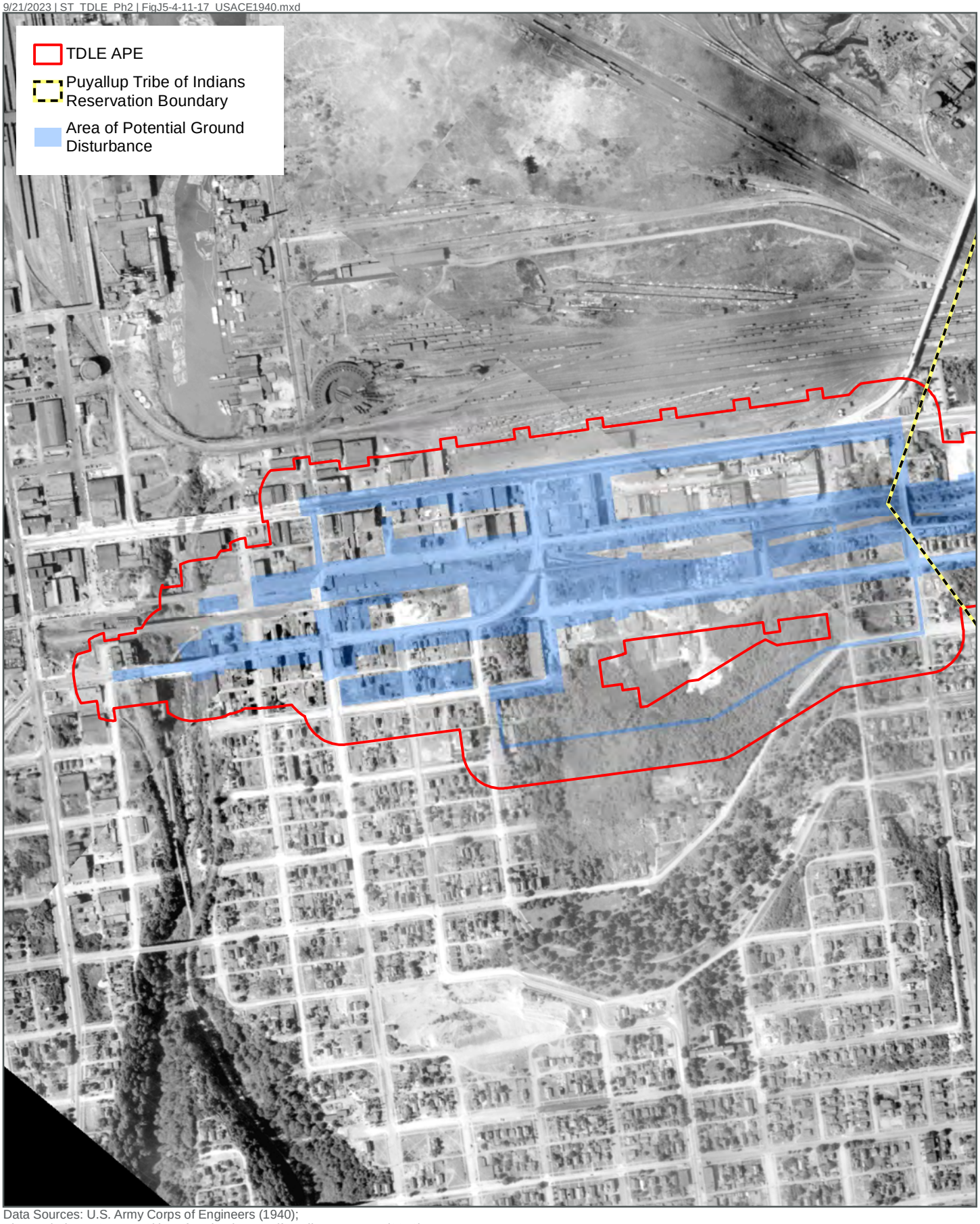

Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-17
1940 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

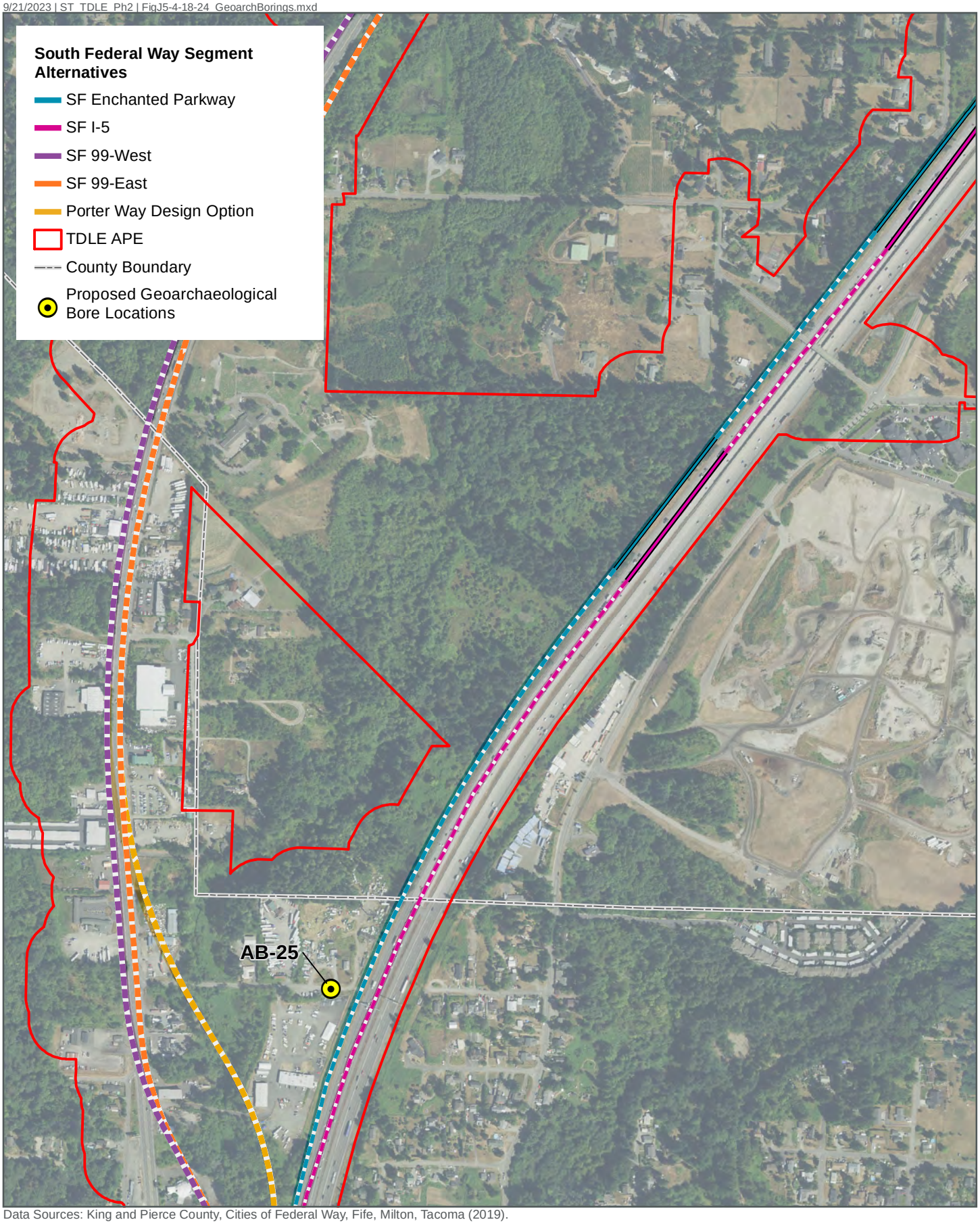

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-18
APE and Proposed
Geoarchaeological Bore Locations
Tacoma Dome Link Extension

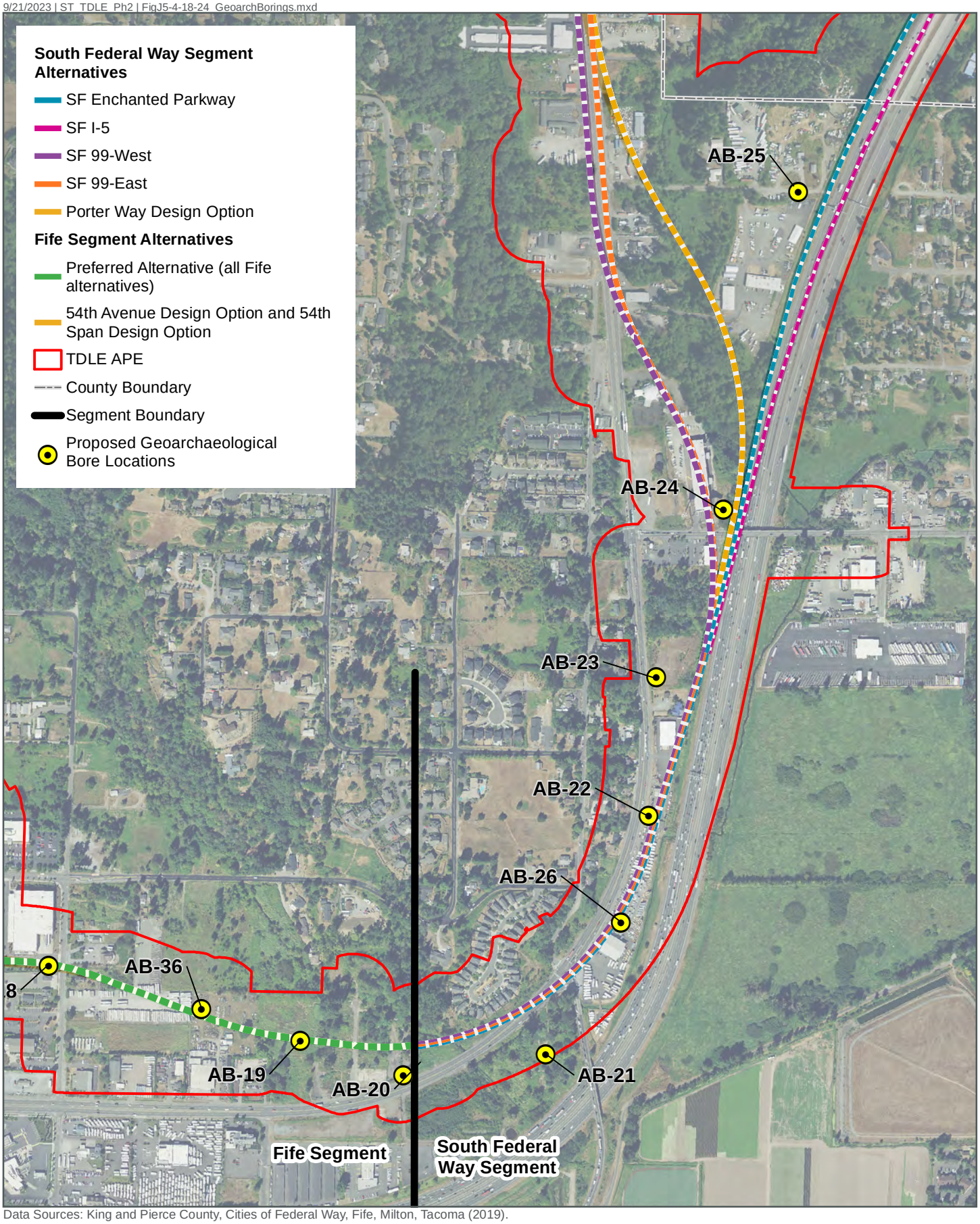

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-19
APE and Proposed Geoarchaeological Bore Locations
Tacoma Dome Link Extension

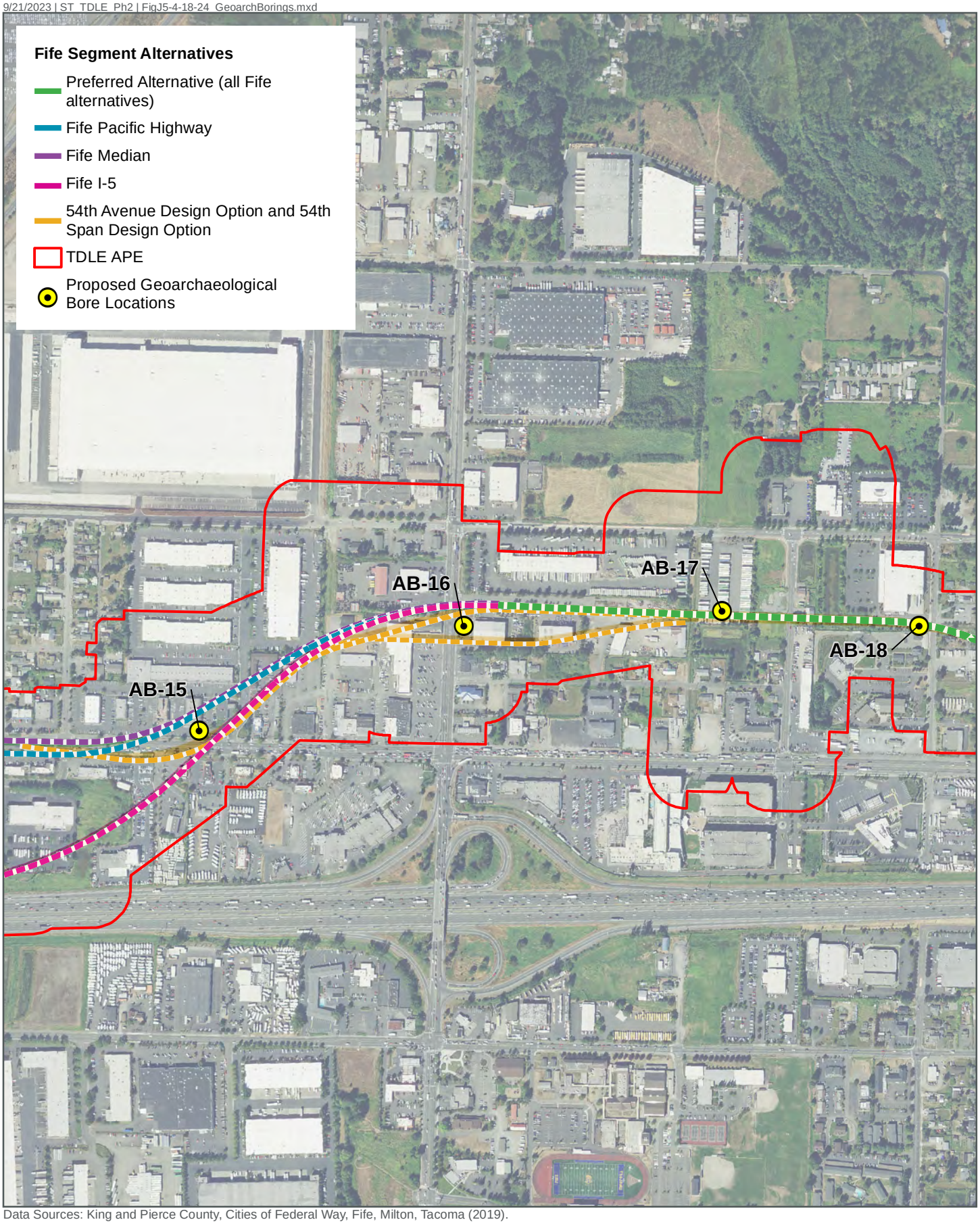

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

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FIGURE J5.4-20
APE and Proposed
Geoarchaeological Bore Locations
Tacoma Dome Link Extension

9/21/2023 | ST_TDLE_Ph2 | FigJ5-4-18-24_GeoarchBorings.mxd

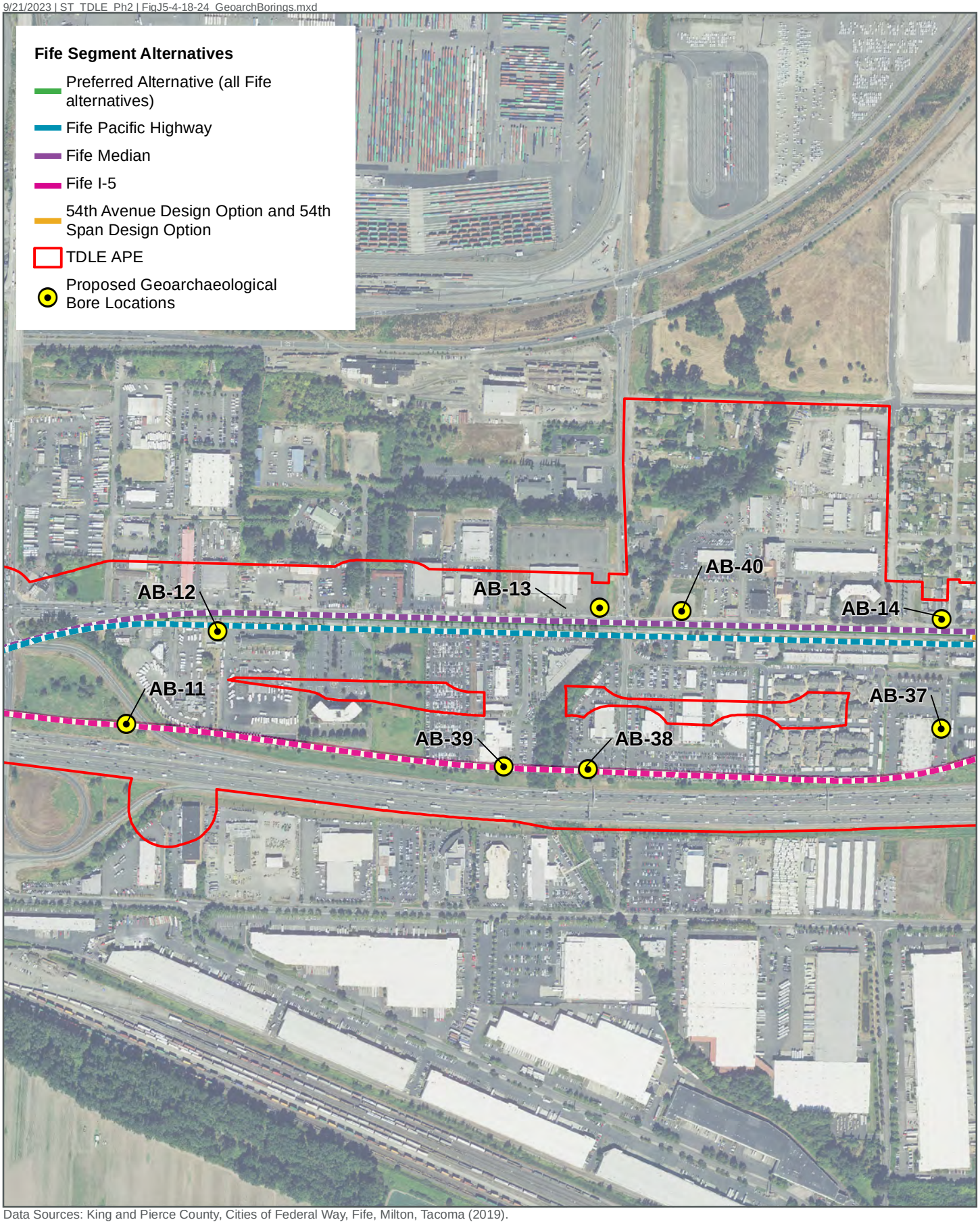

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-21
APE and Proposed
Geoarchaeological Bore Locations
Tacoma Dome Link Extension

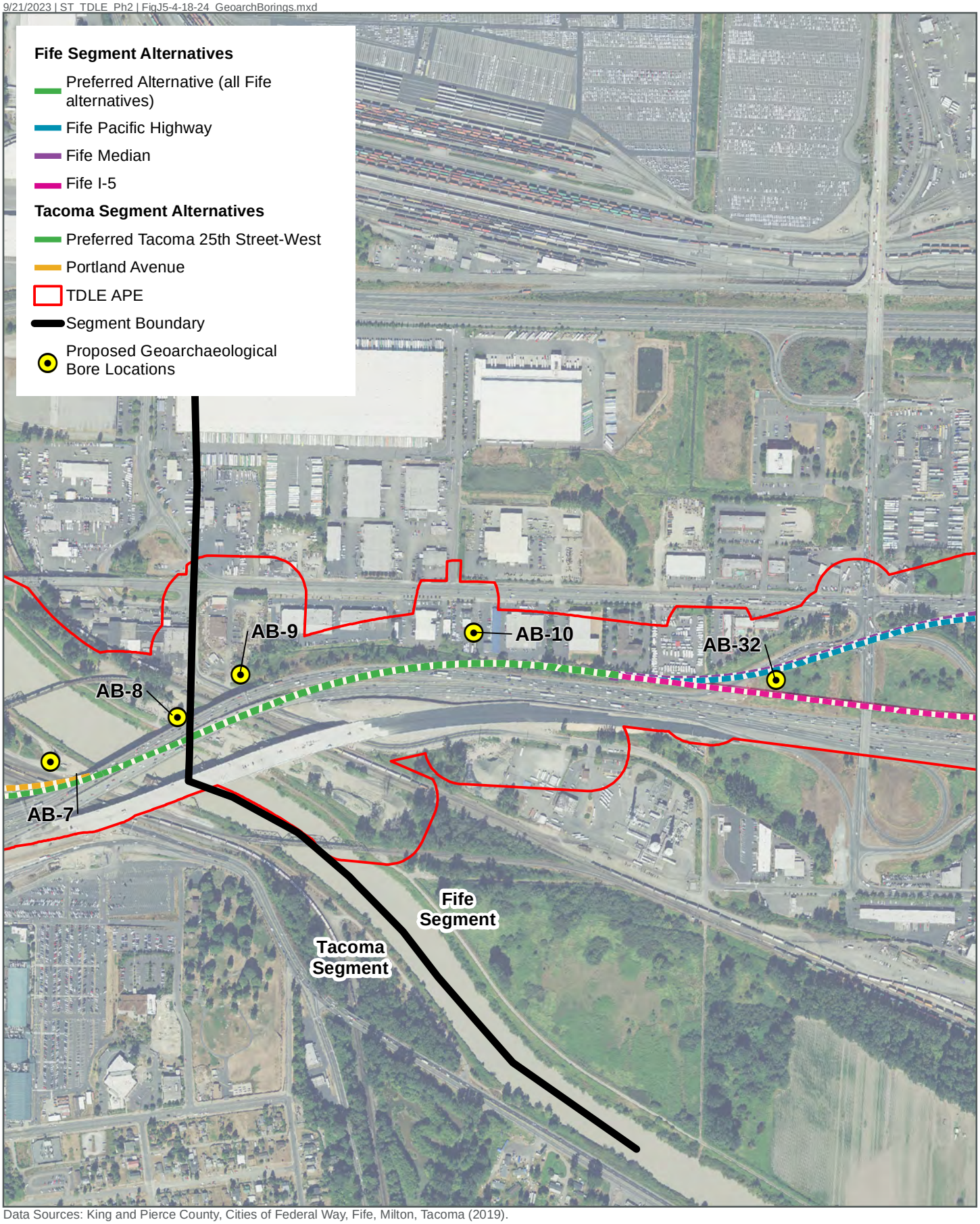

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-22
APE and Proposed Geoarchaeological Bore Locations
Tacoma Dome Link Extension

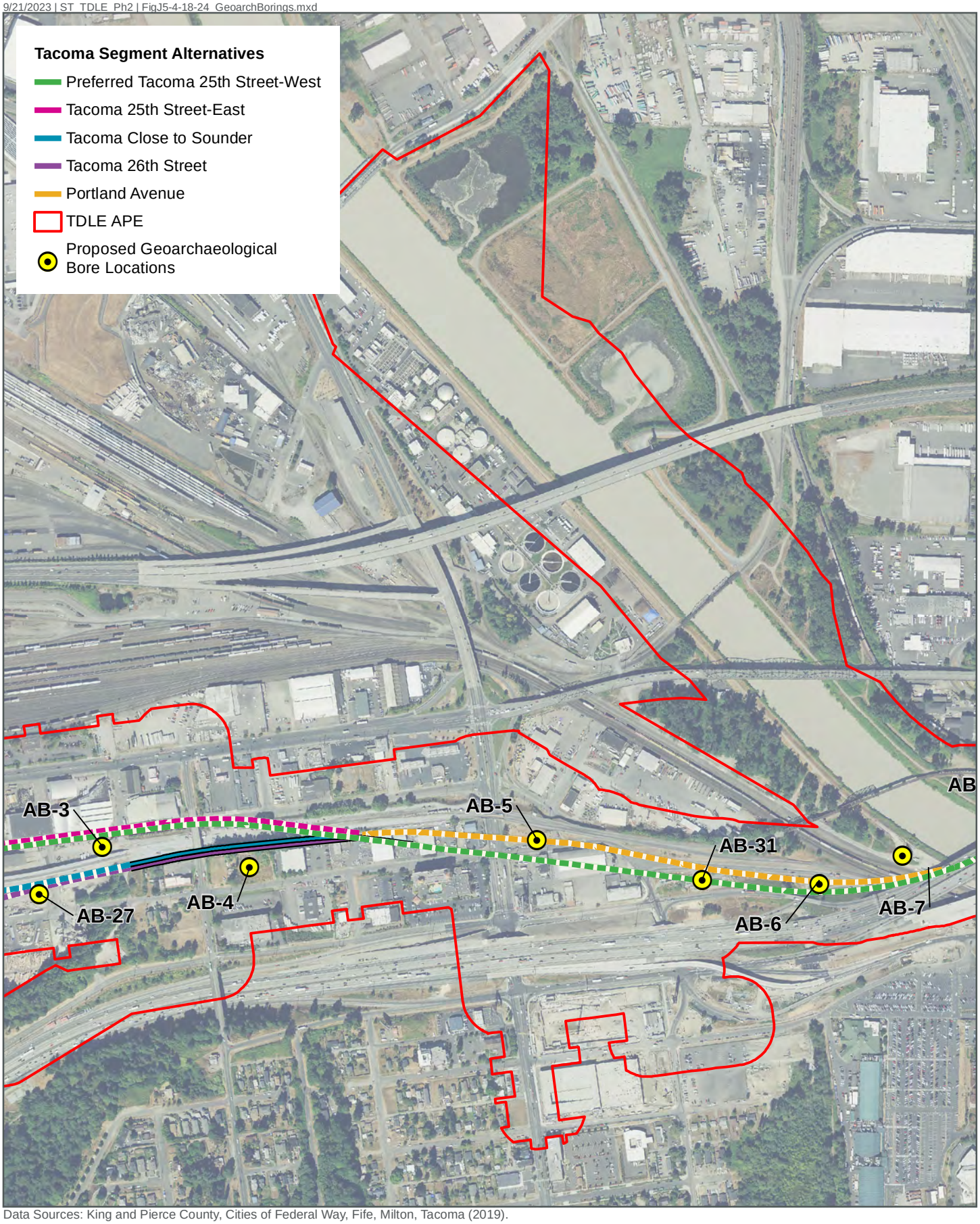

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

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FIGURE J5.4-23
APE and Proposed
Geoarchaeological Bore Locations
Tacoma Dome Link Extension

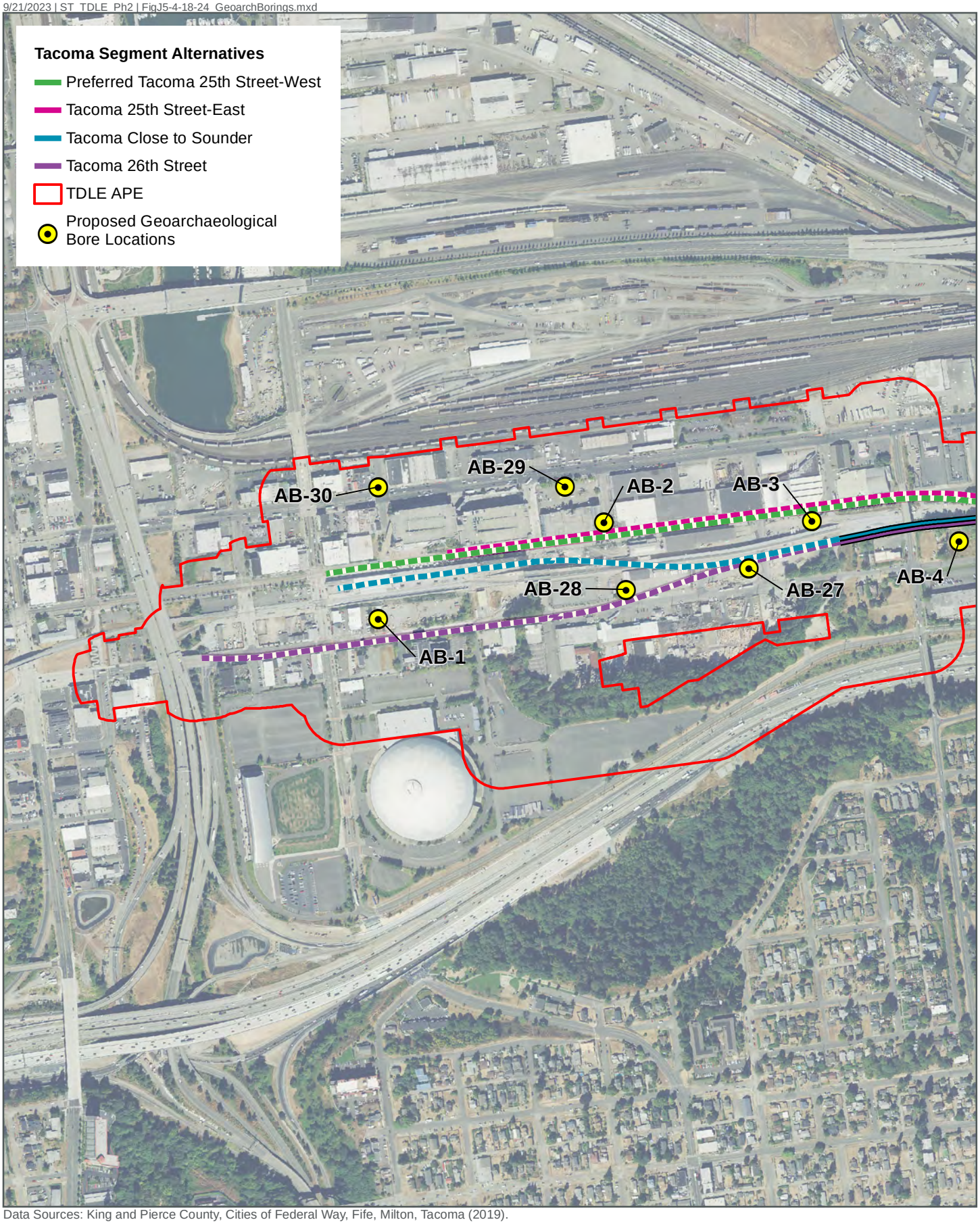

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

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FIGURE J5.4-24
APE and Proposed
Geoarchaeological Bore Locations
Tacoma Dome Link Extension

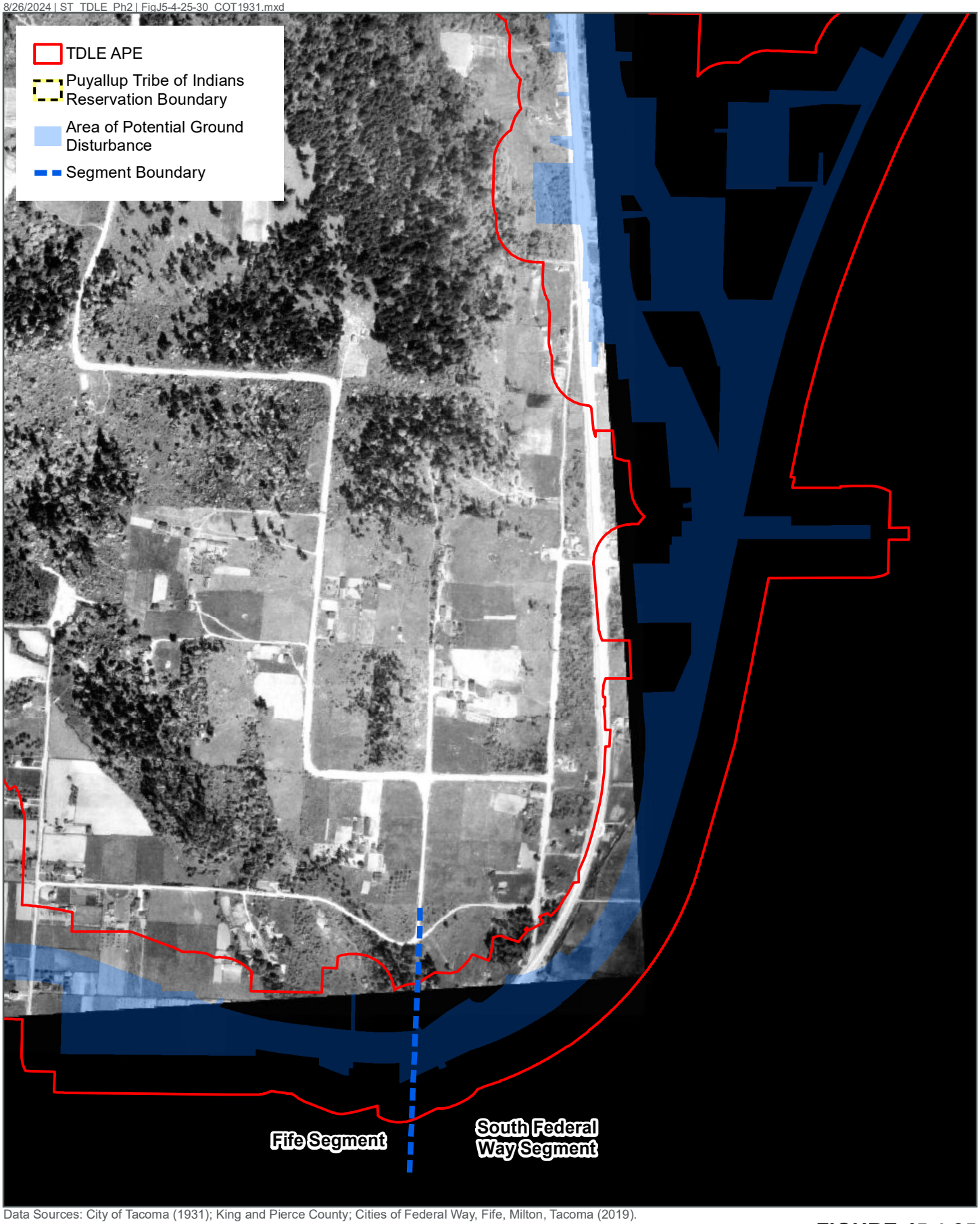

Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

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FIGURE J5.4-25
1931 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-26
1931 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-27
1931 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

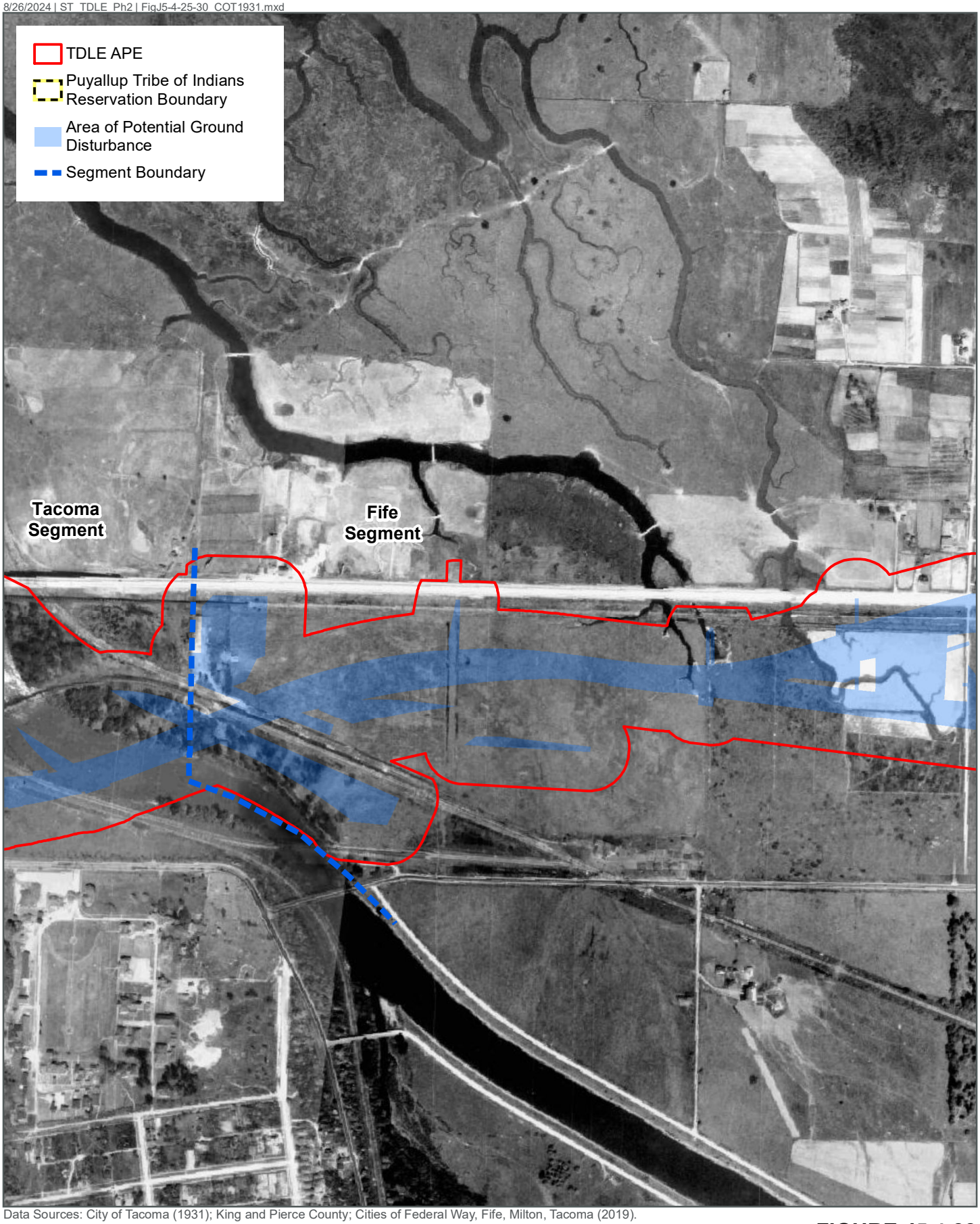

Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-28
1931 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

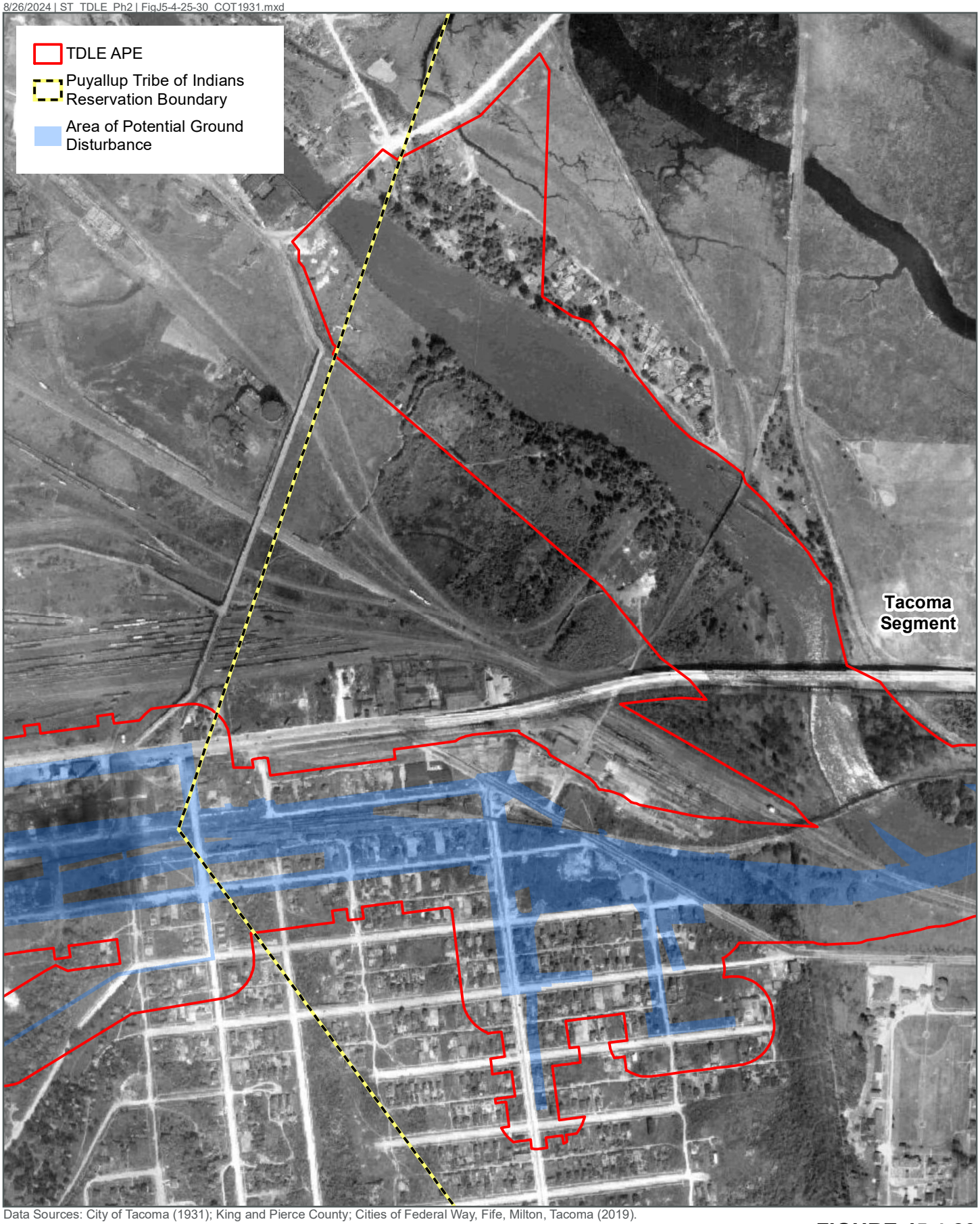

Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-29
1931 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-30
1931 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

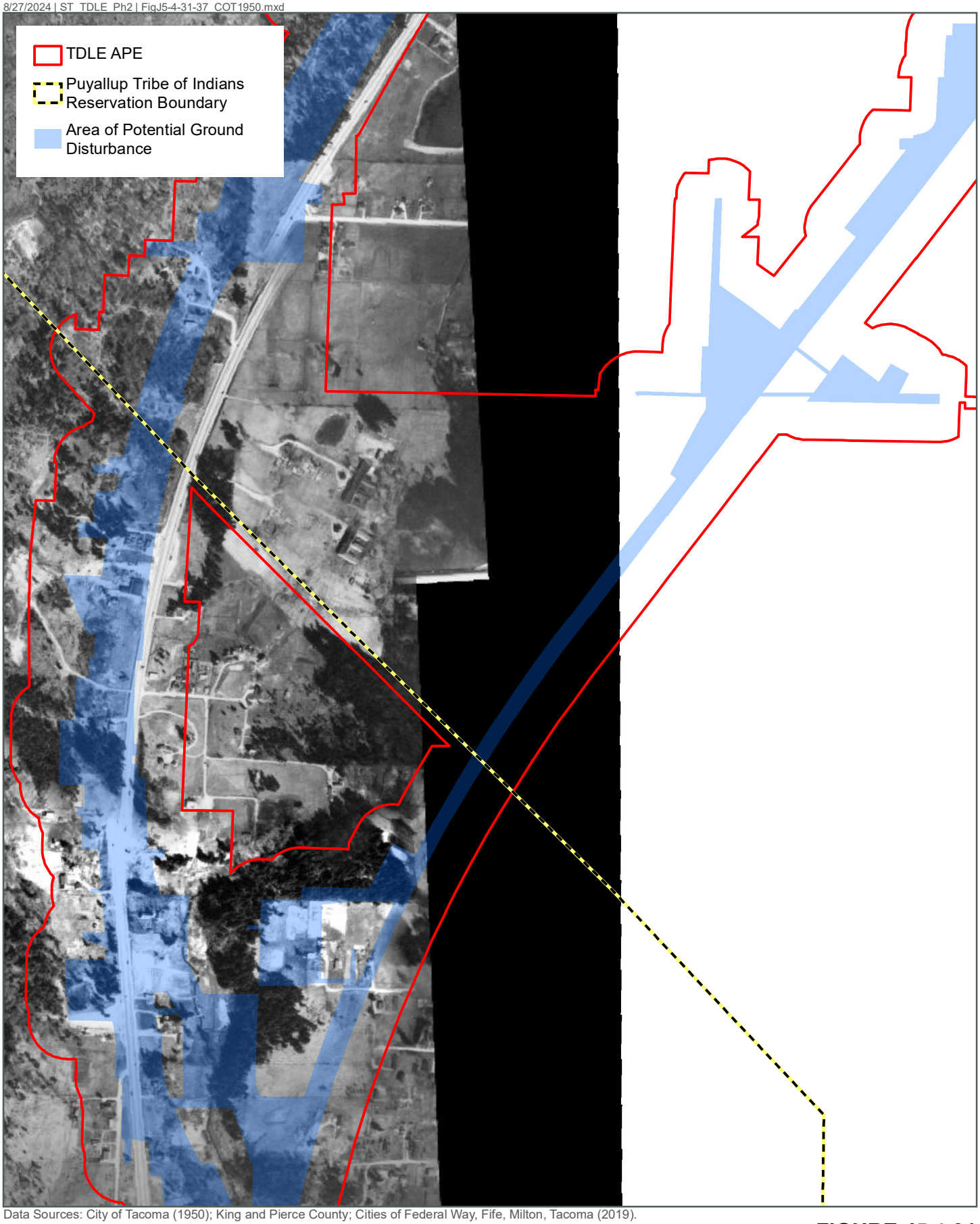

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-31
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

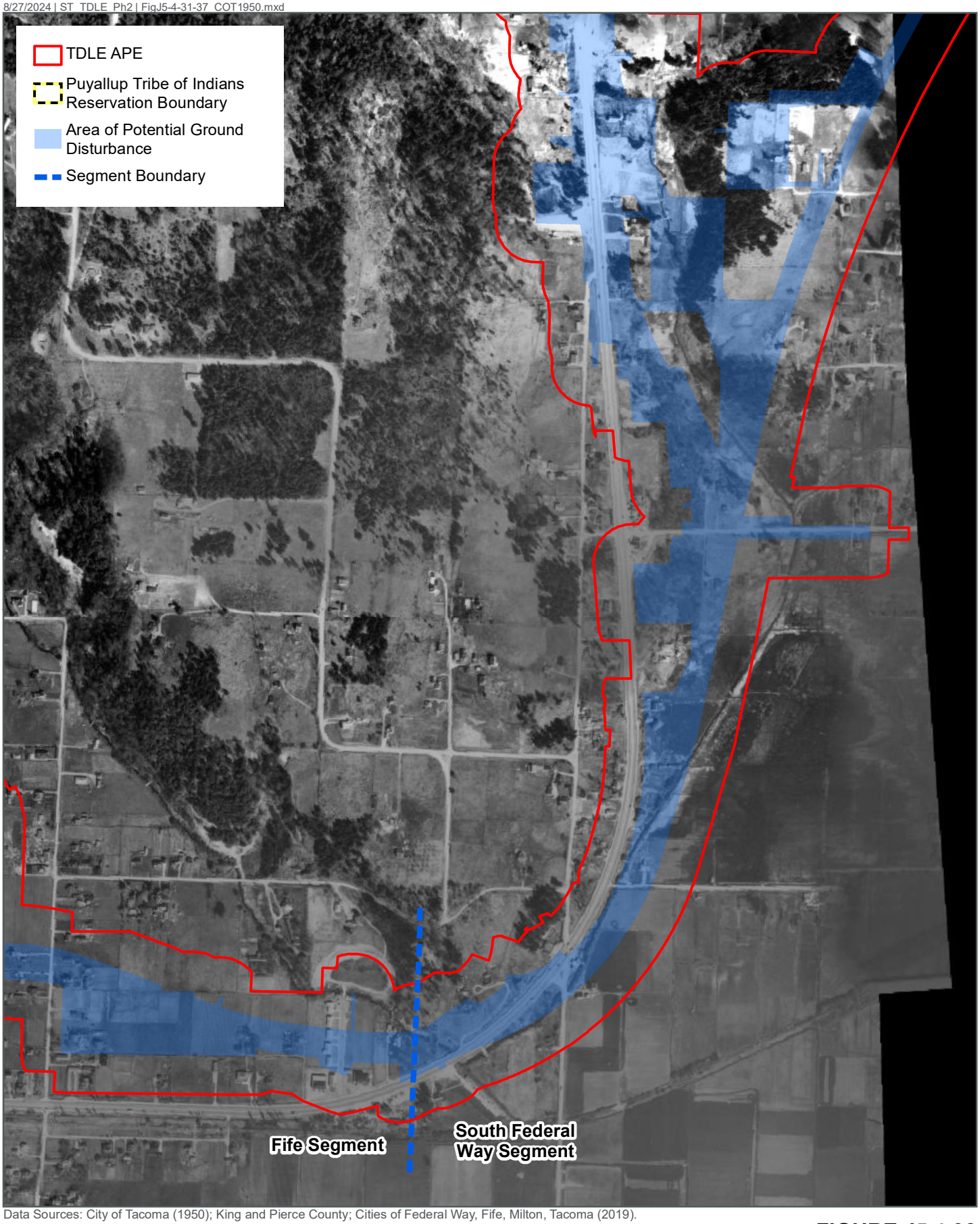

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-32
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

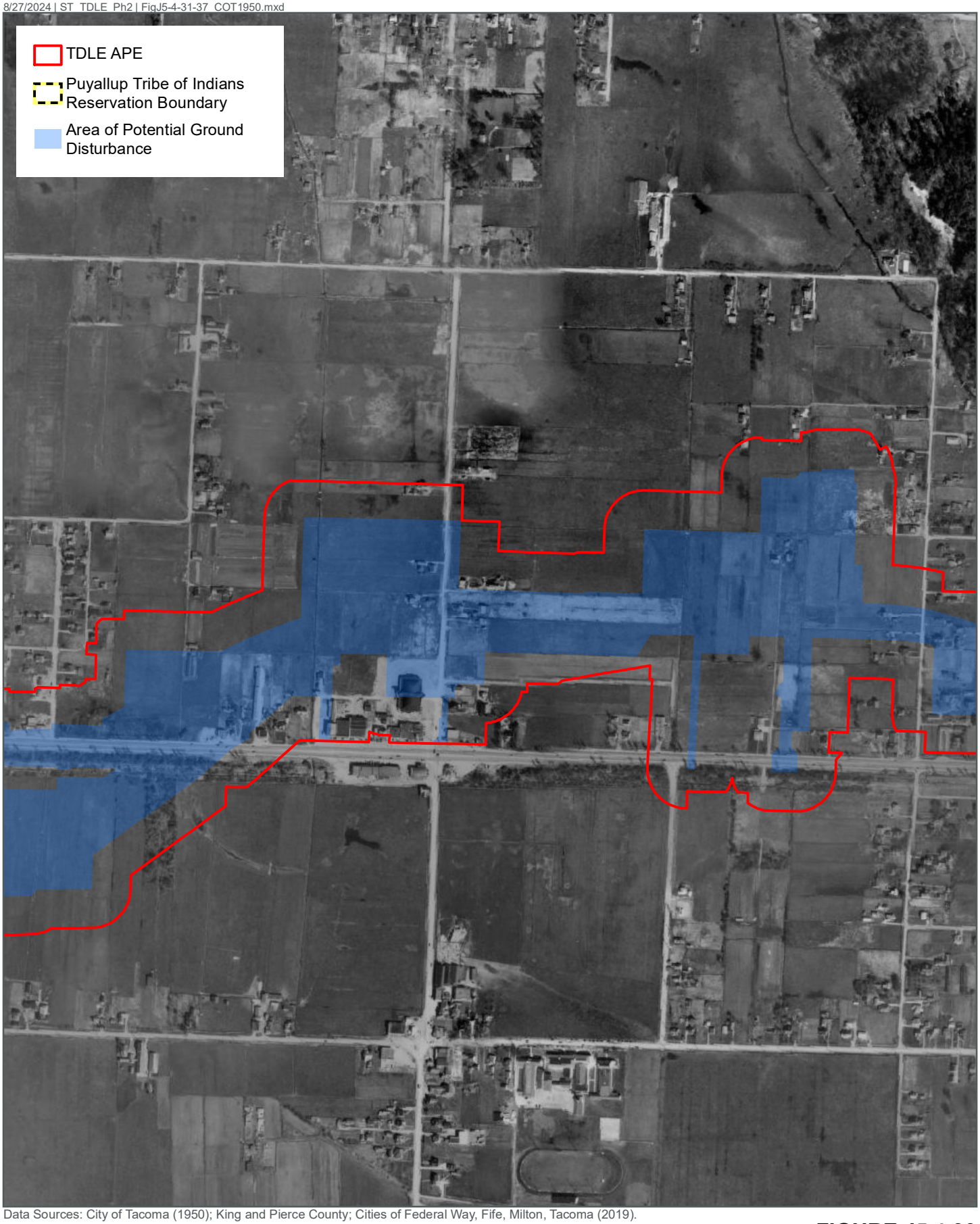

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-33
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

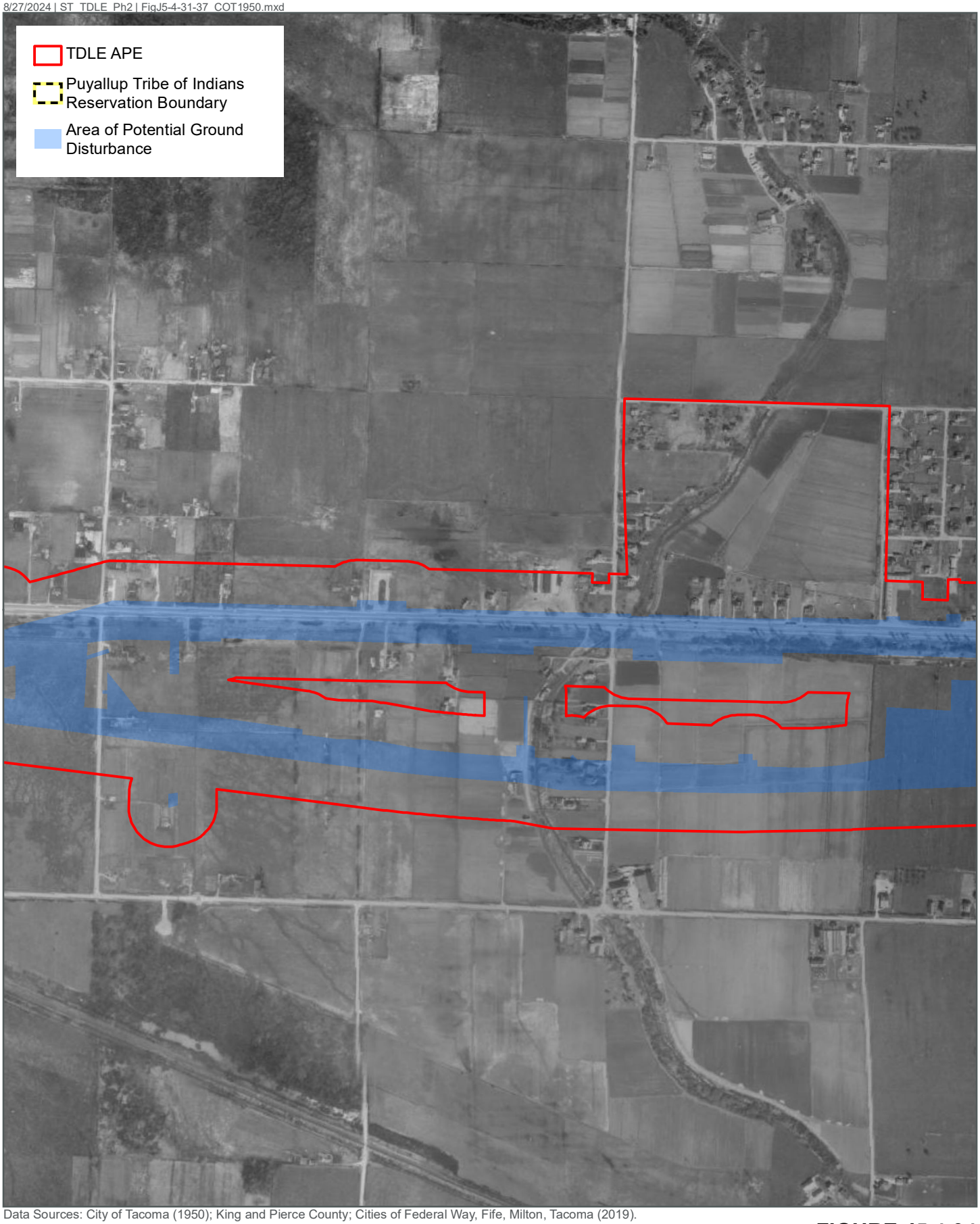

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-34
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

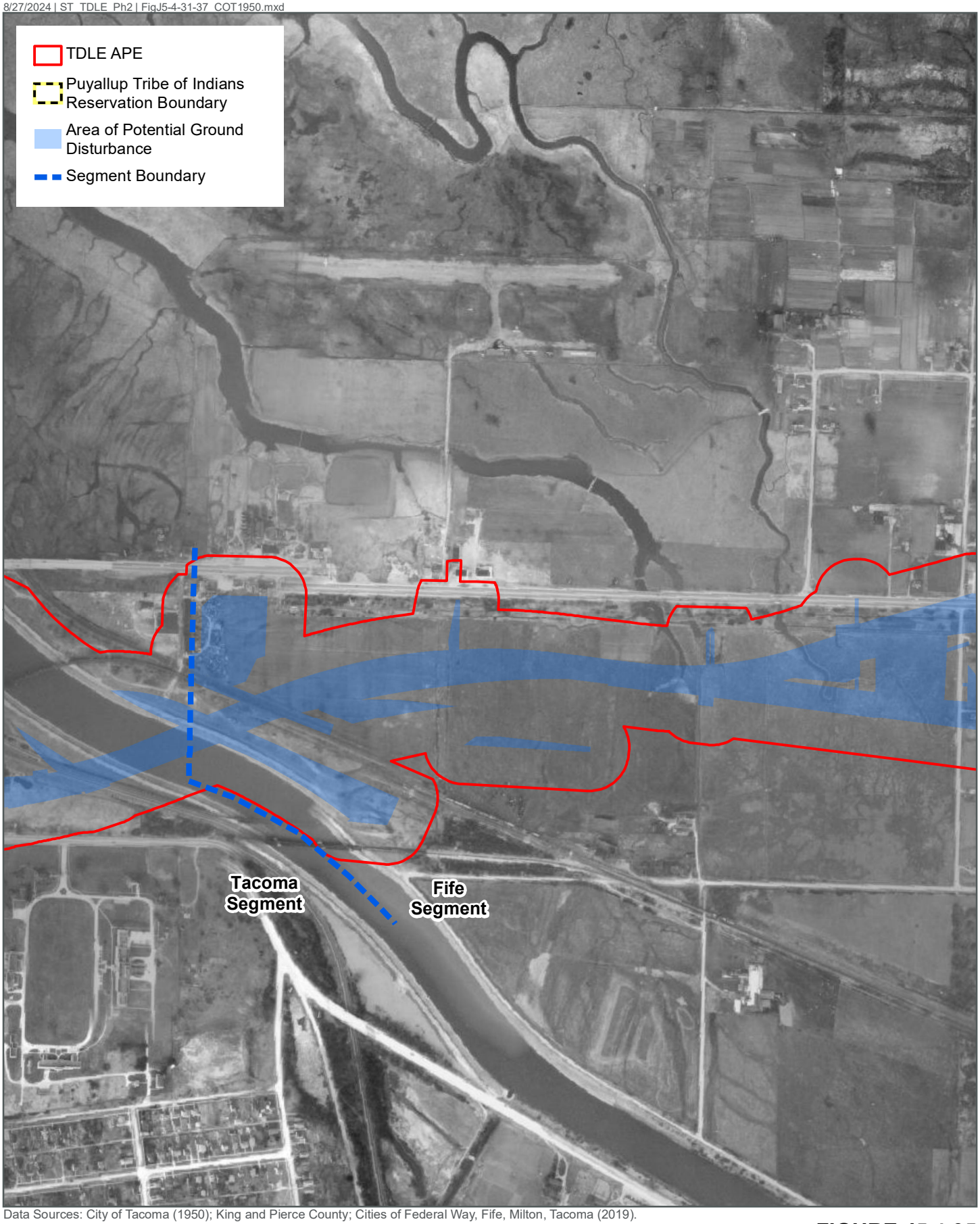

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-35
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-36
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-37
1950 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

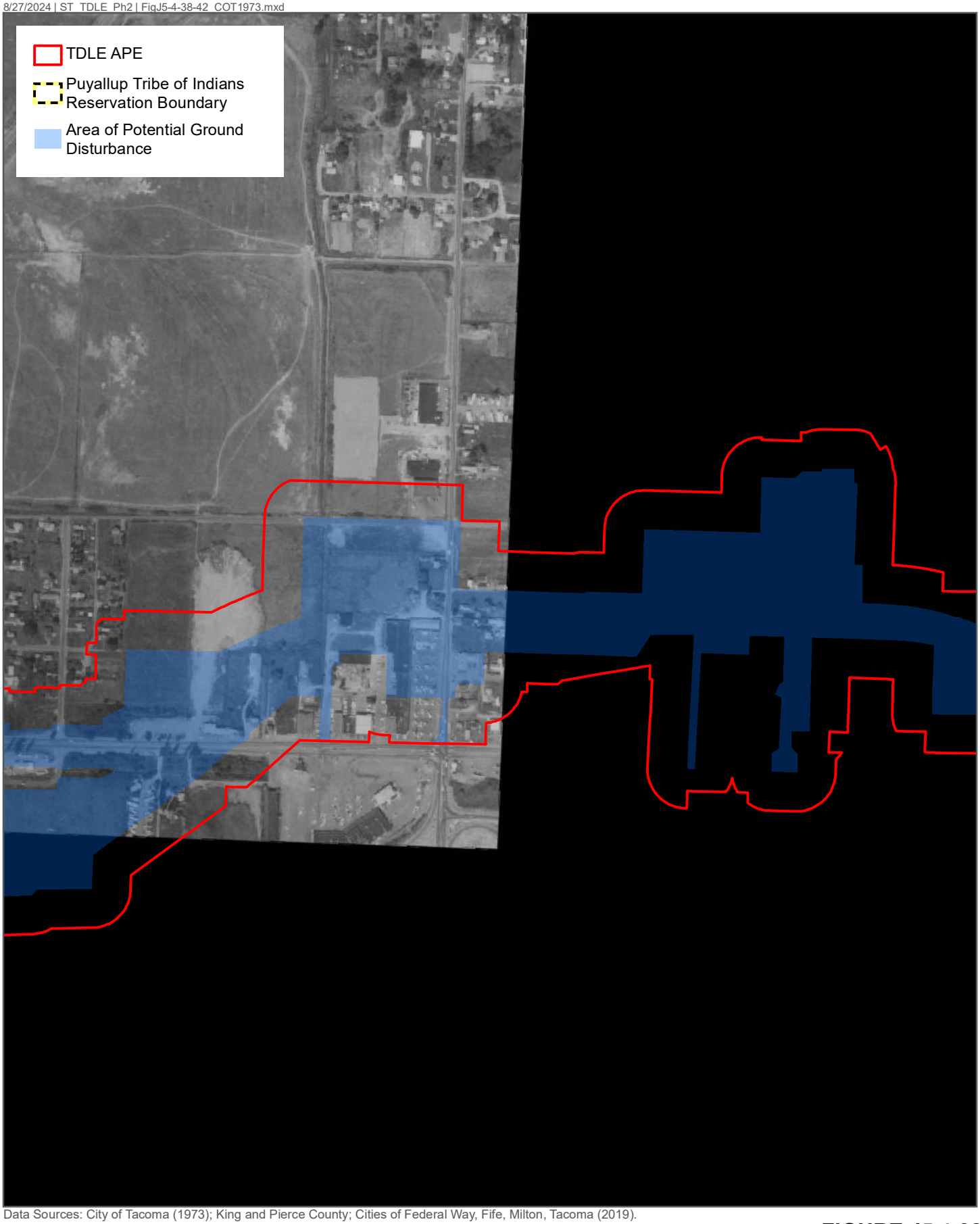

Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-38
1973 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N
0 500 1,000 Feet

DRAFT

Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-39
1973 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

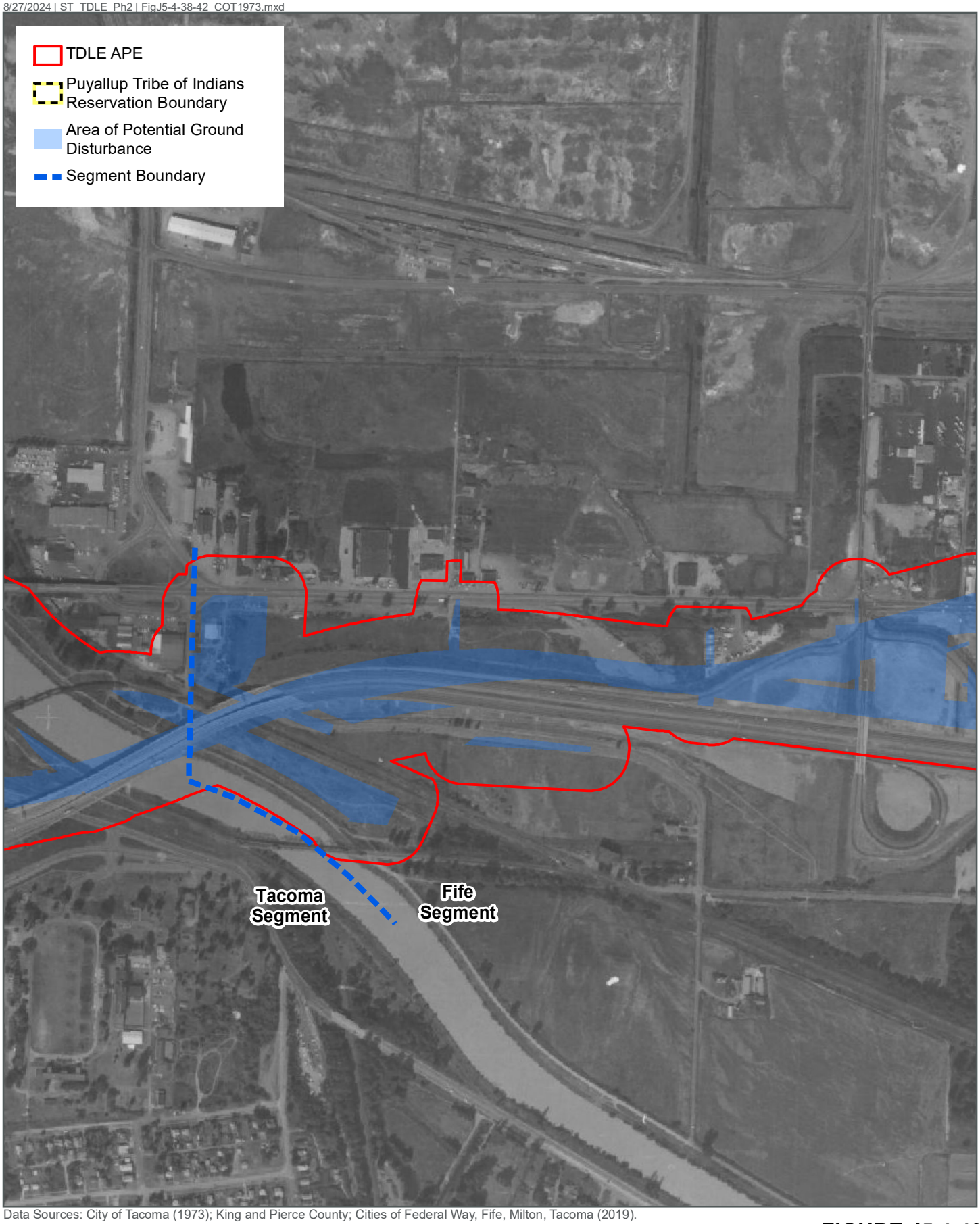

Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-40
1973 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N
0 500 1,000 Feet

DRAFT

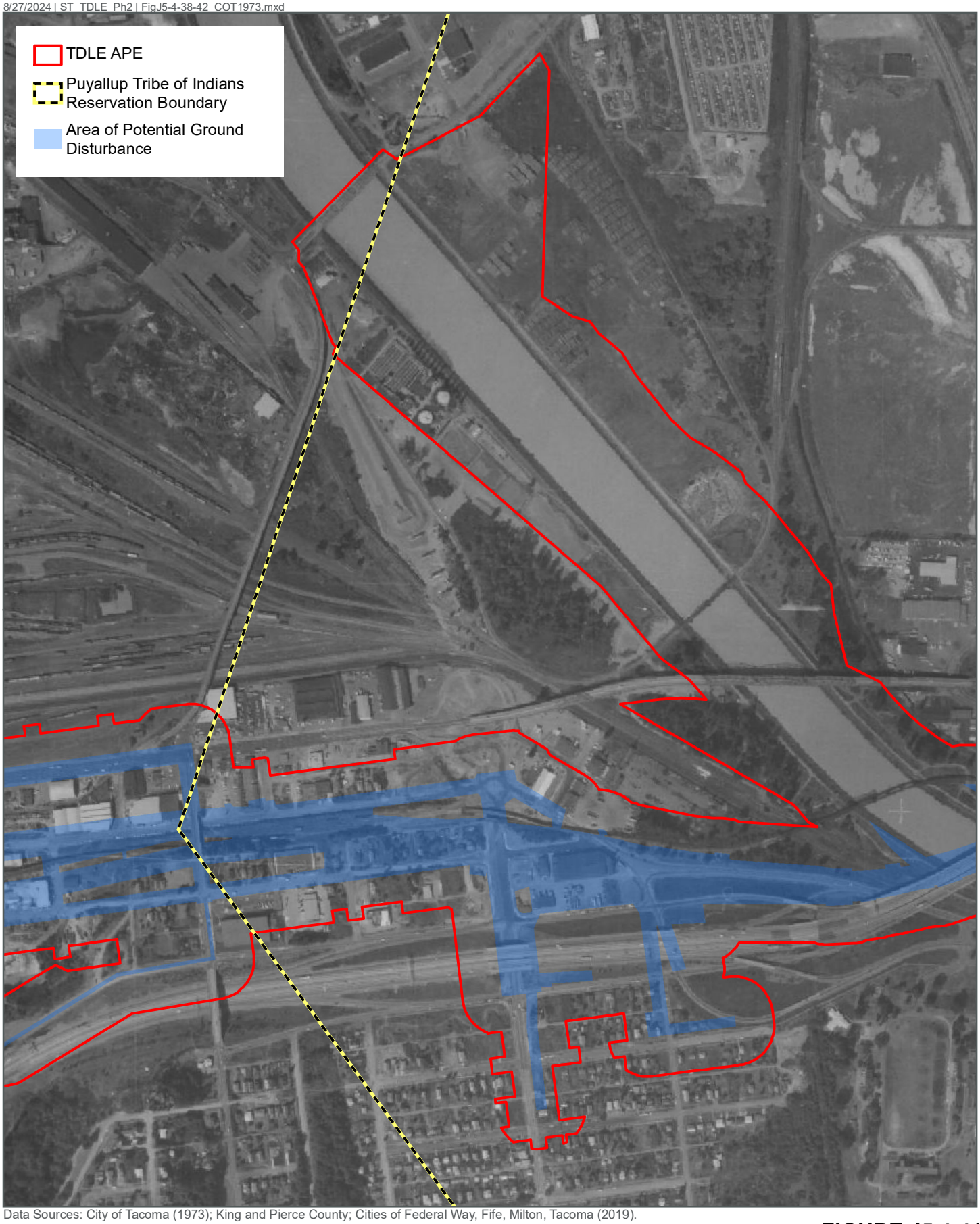

Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-41
1973 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N
0 500 1,000 Feet

DRAFT

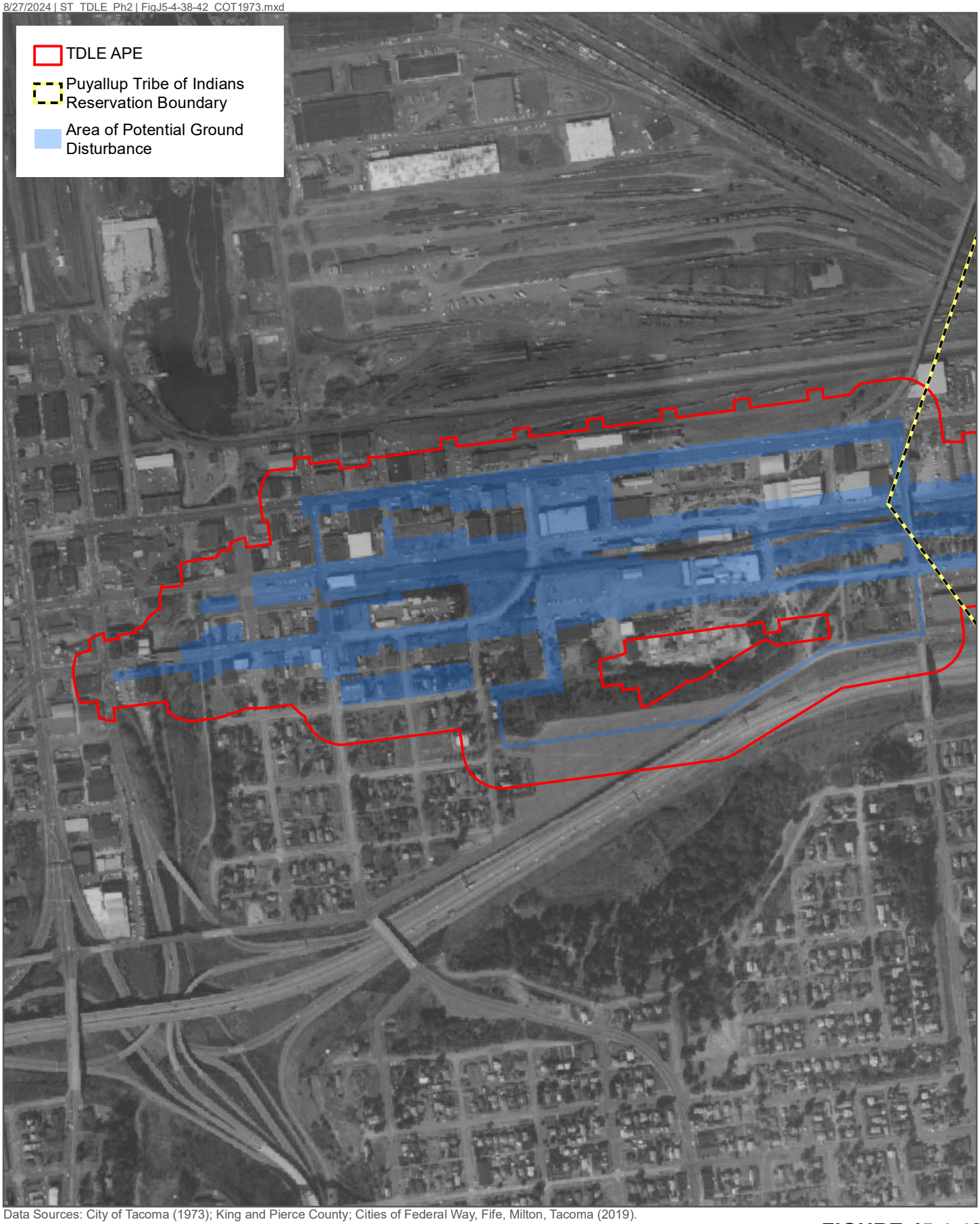

Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-42
1973 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-43
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-44
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-45
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

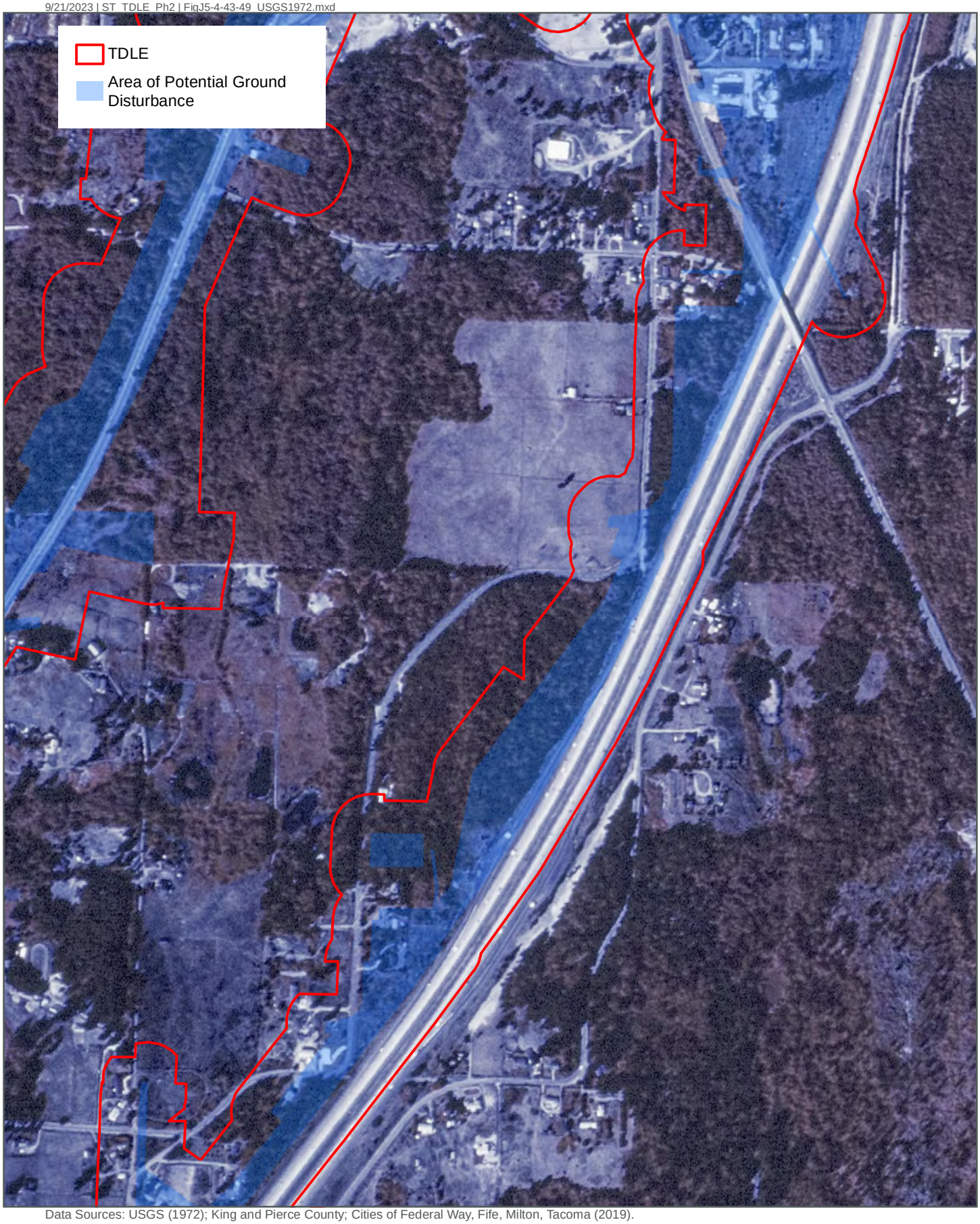

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-46
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

9/21/2023 | ST_TDLE_Ph2 | FigJ5-4-43-49_USGS1972.mxd

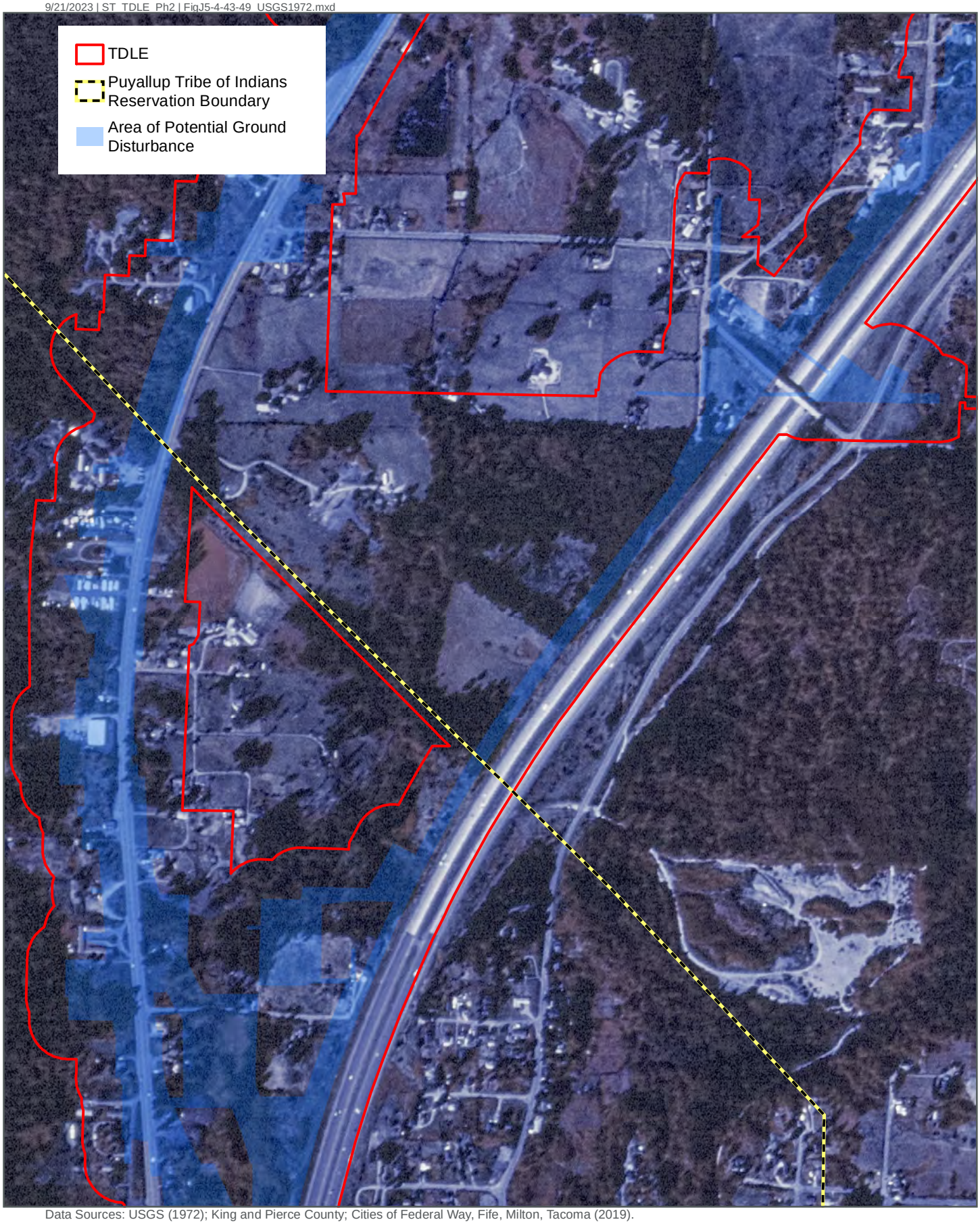

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-47
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

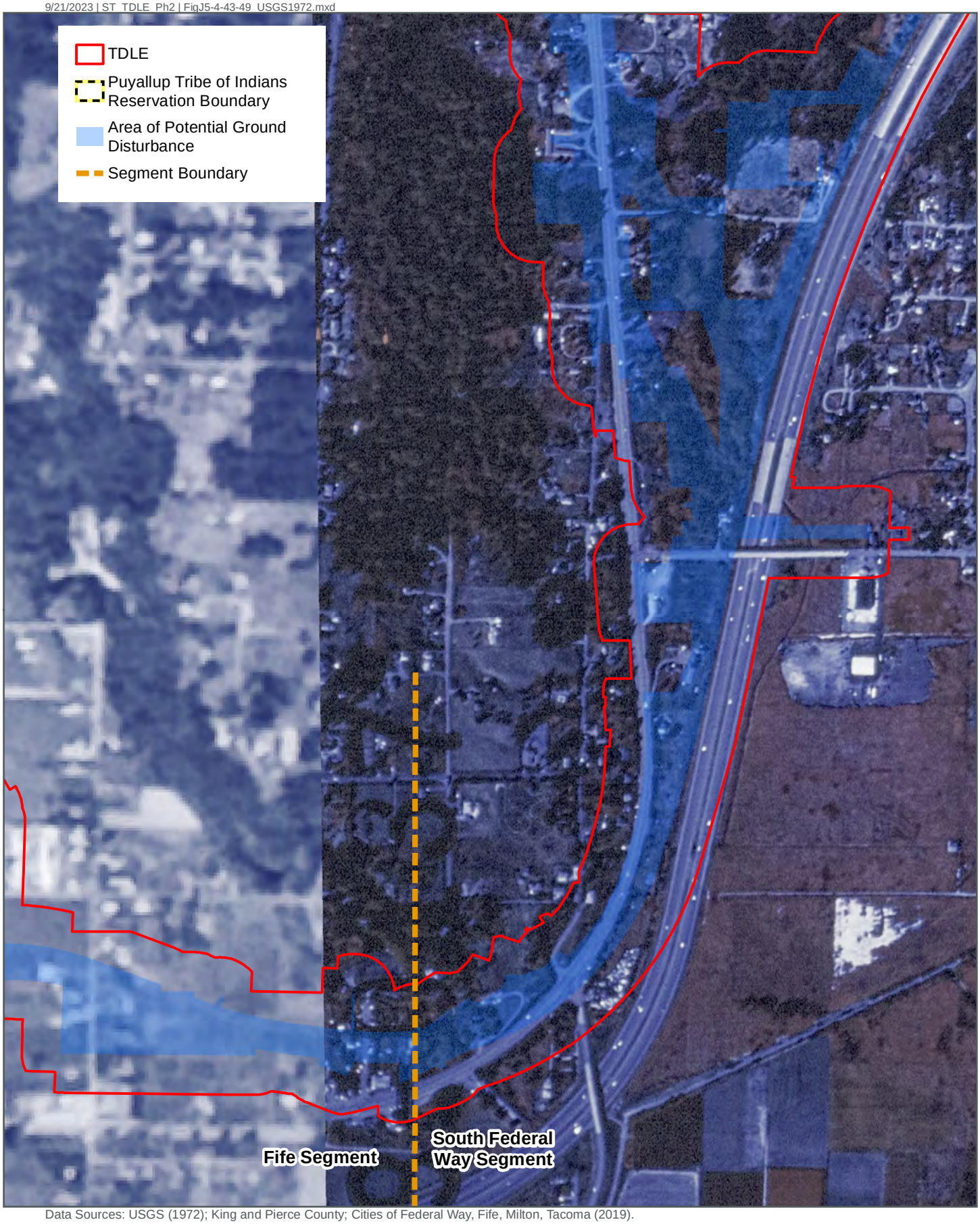

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-48
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

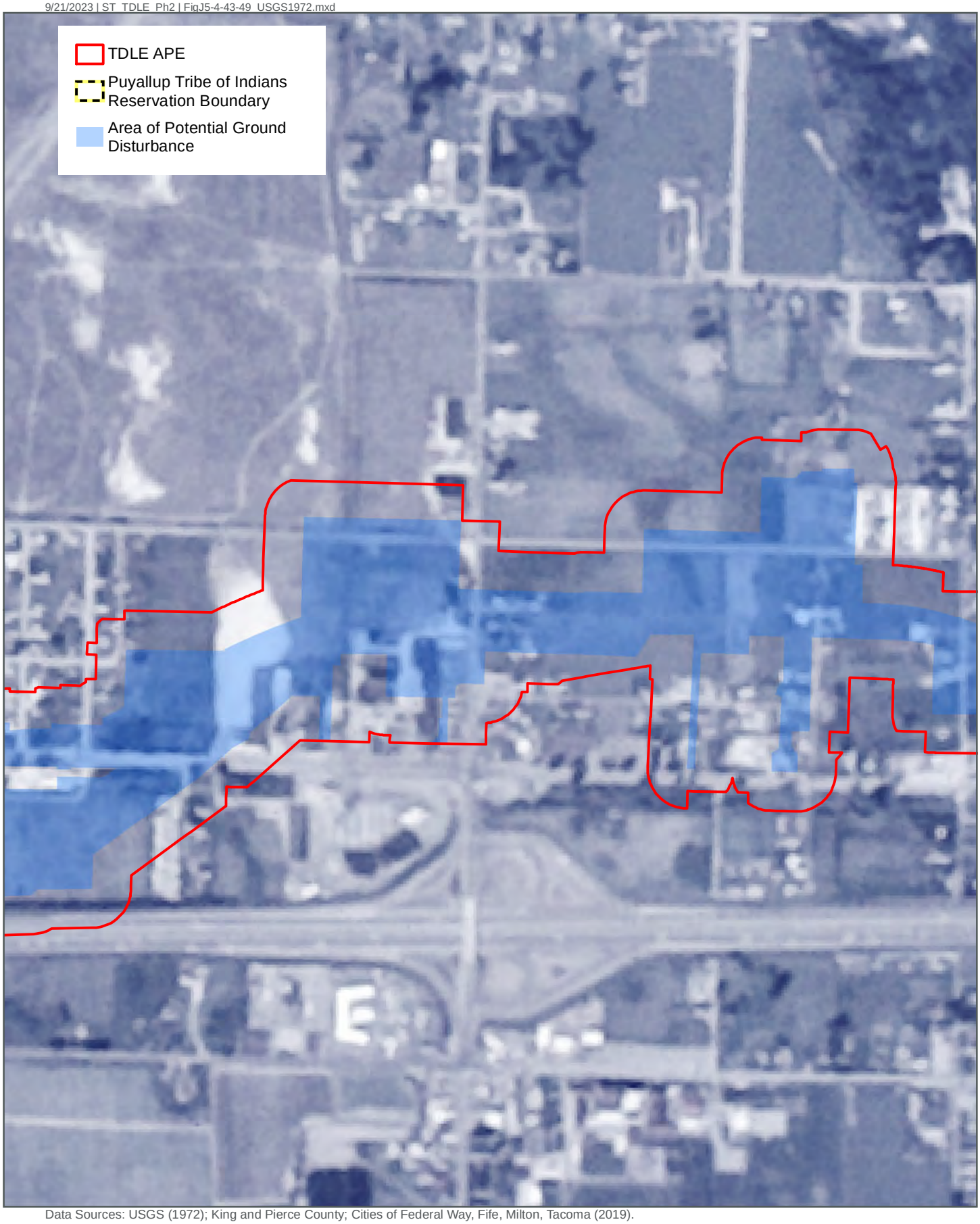

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-49
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-50
1972 Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

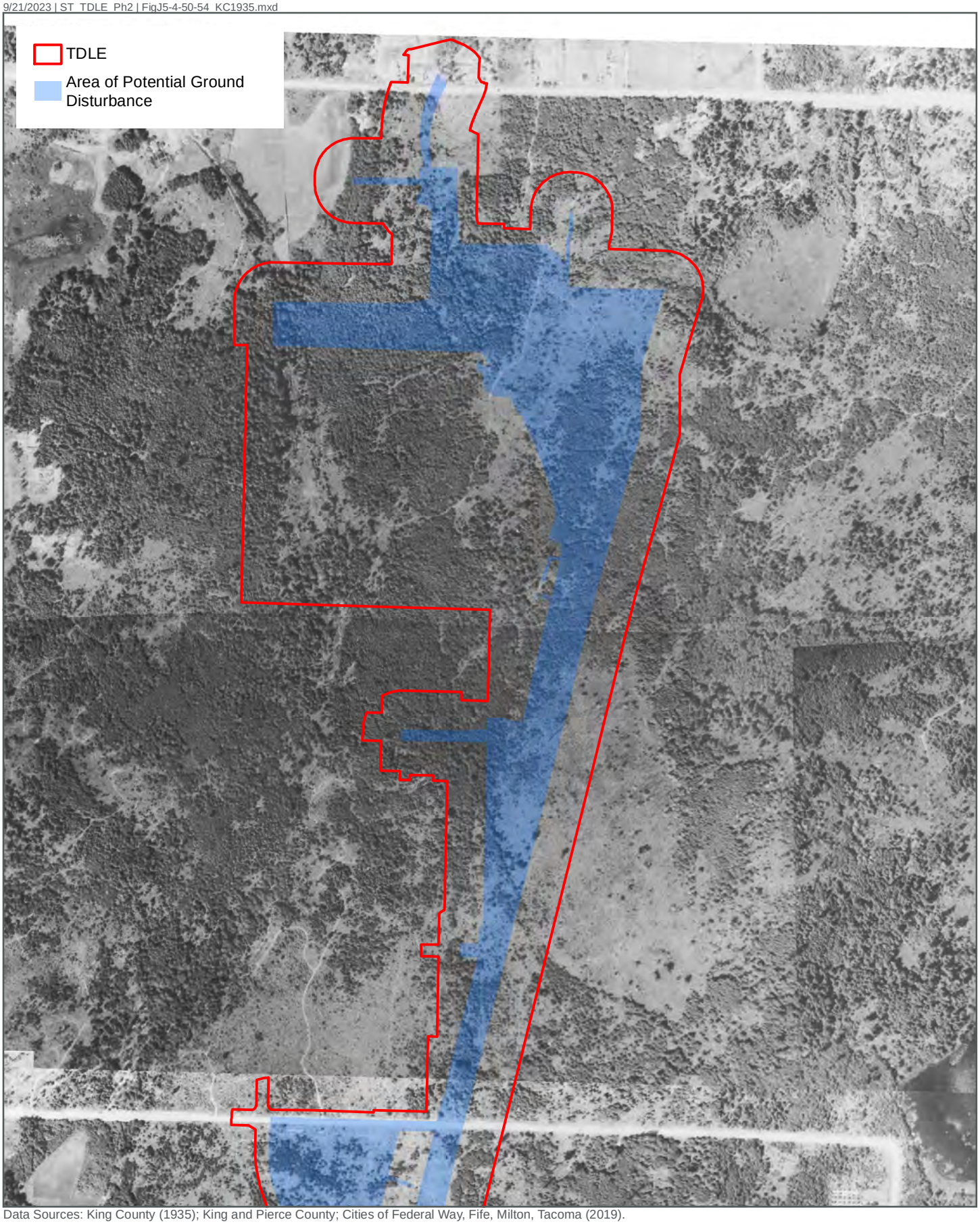

Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-51
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

9/21/2023 | ST_TDLE_Ph2 | FigJ5-4-50-54_KC1935.mxd

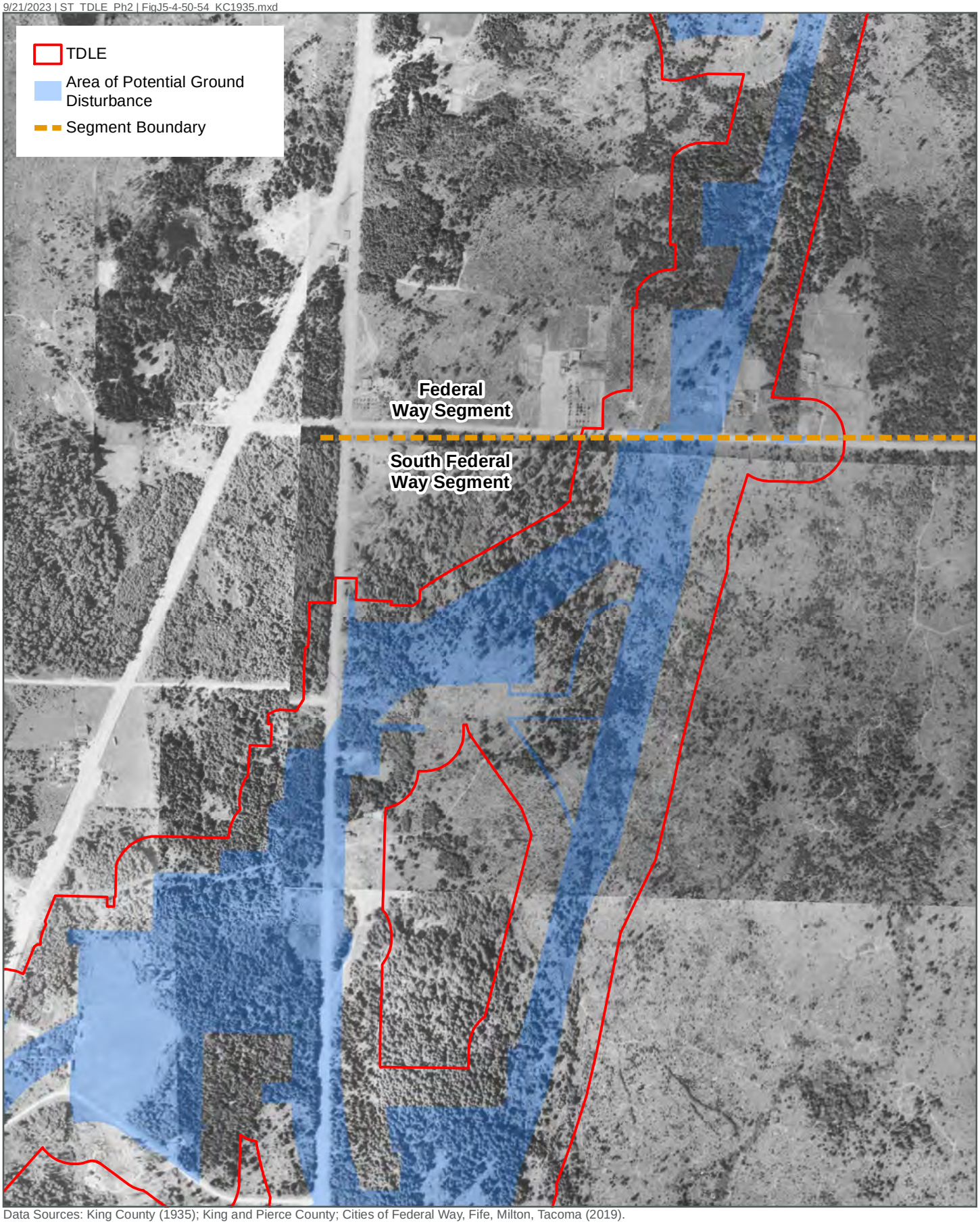

Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-52
1935 South Federal Way Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-53
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

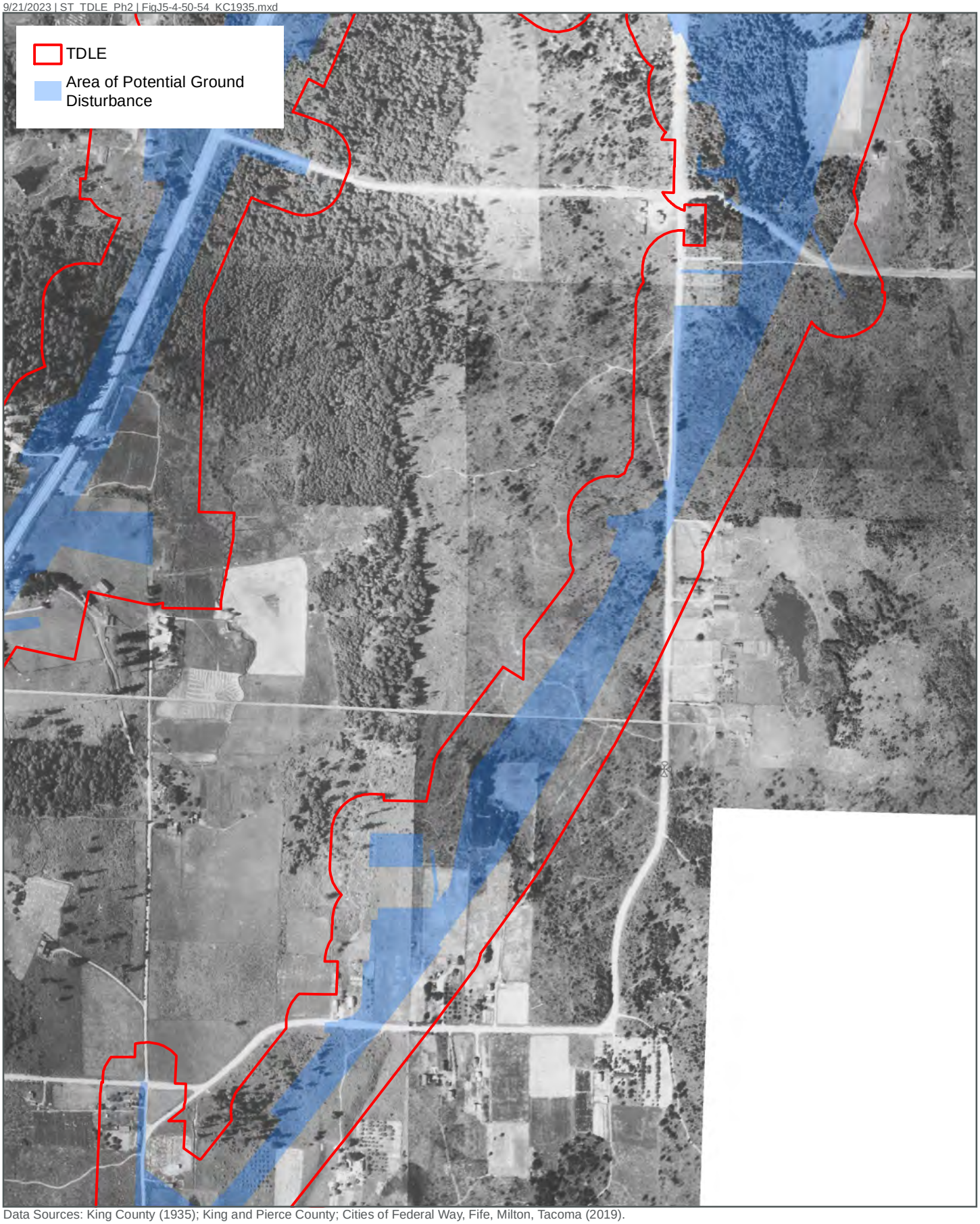

Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-54
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

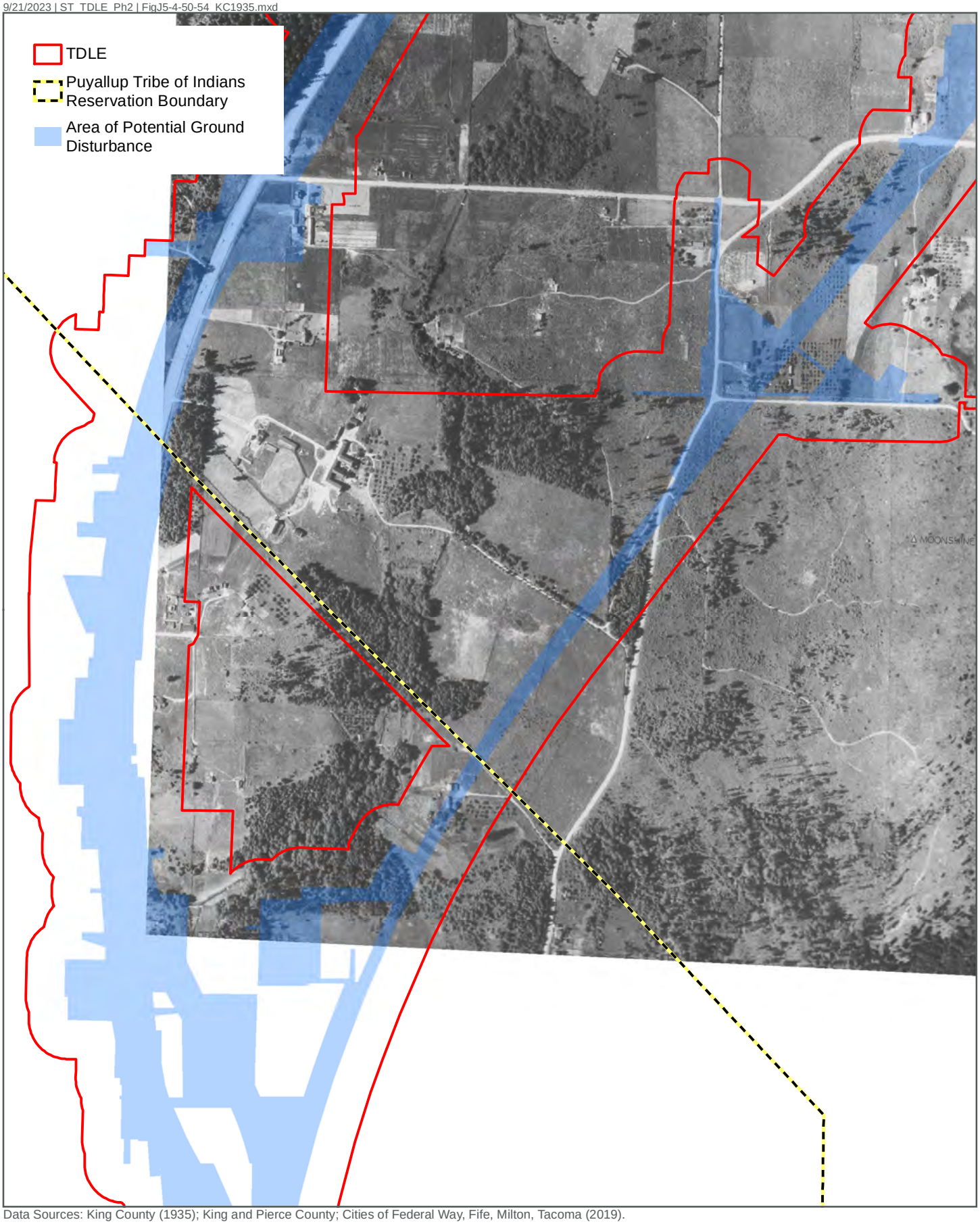

Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-55
1935 South Federal Way Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

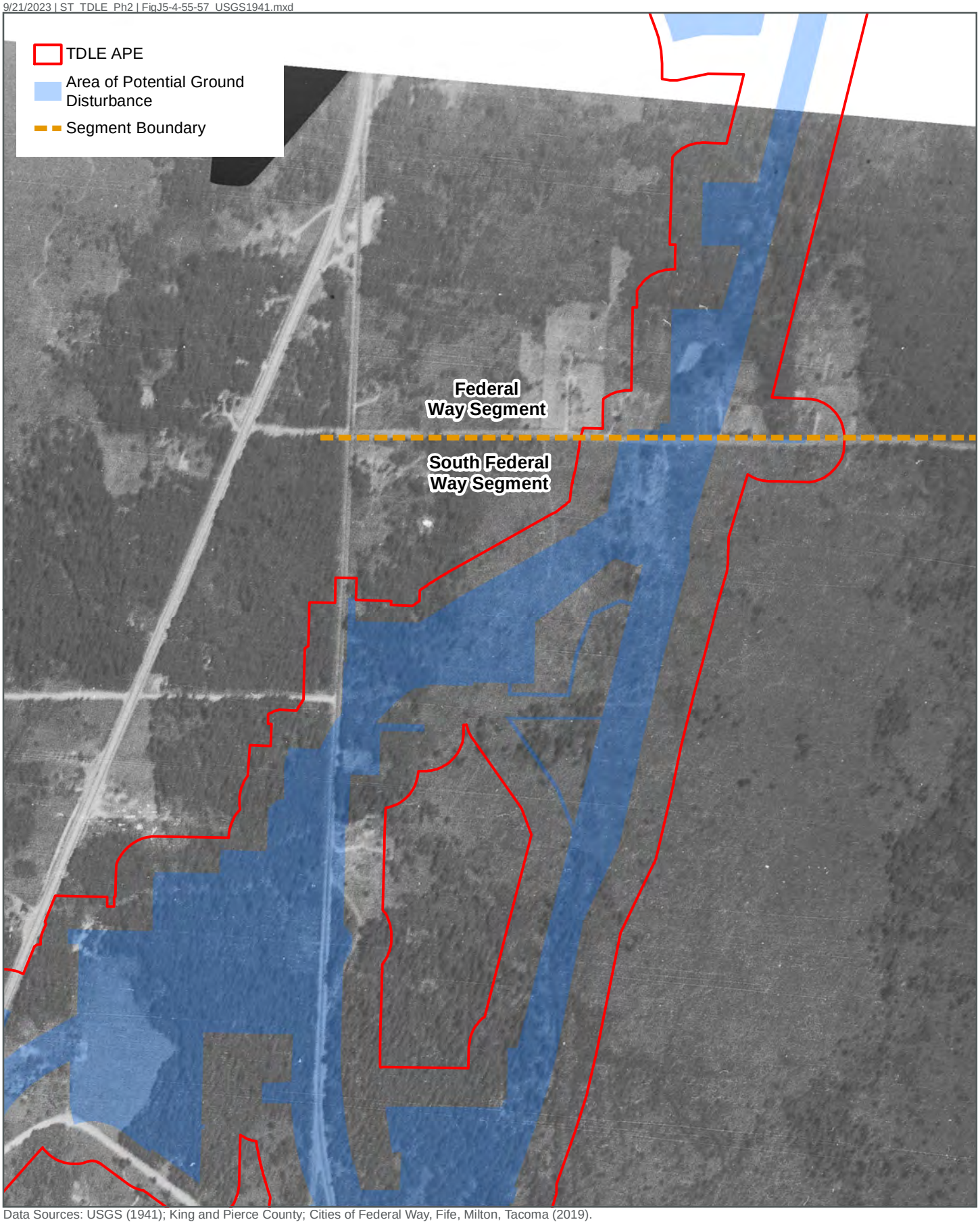

Data Sources: USGS (1941); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-56
1941 South Federal Way Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N
0 500 1,000 Feet

DRAFT

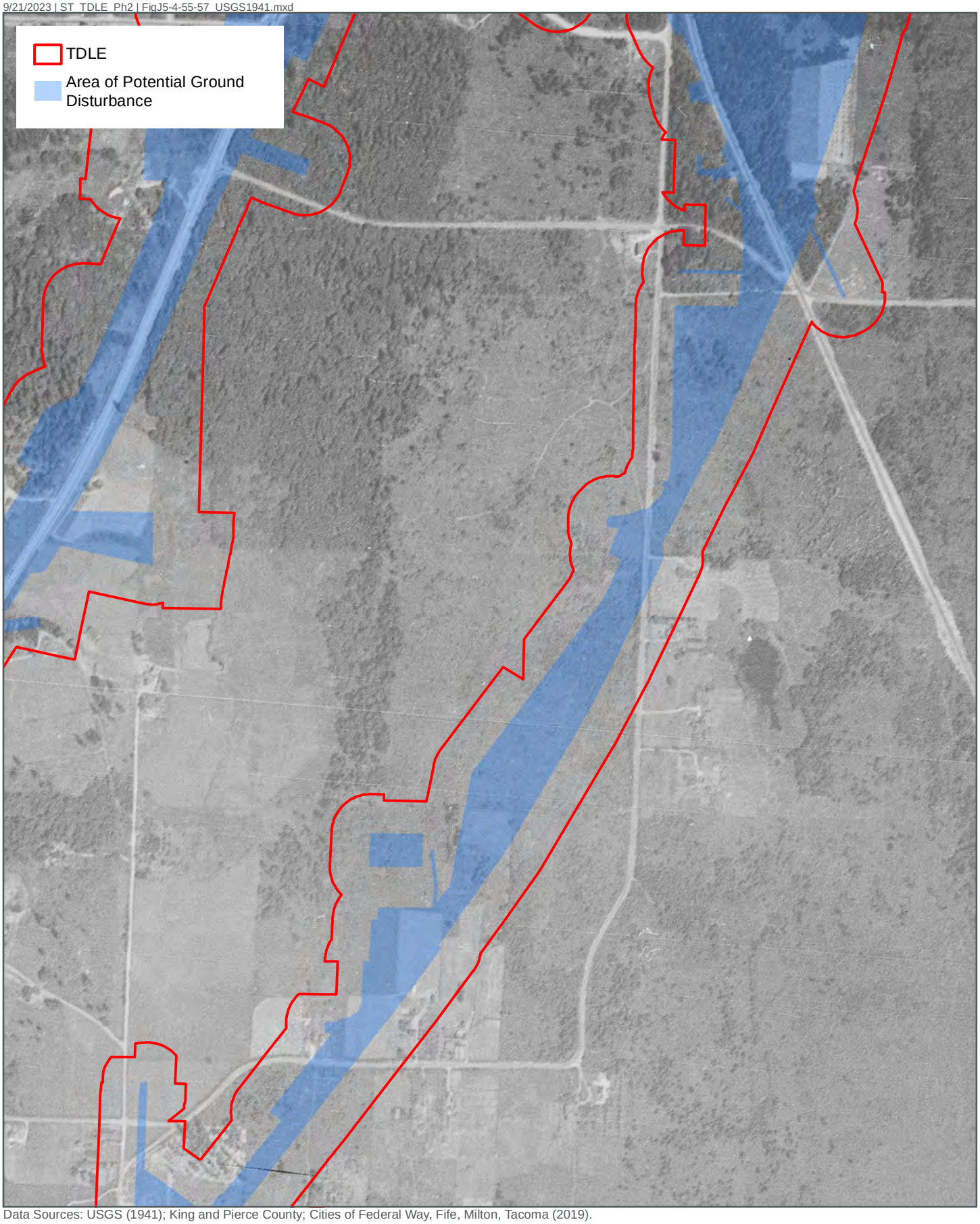

Data Sources: USGS (1941); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-57
1941 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

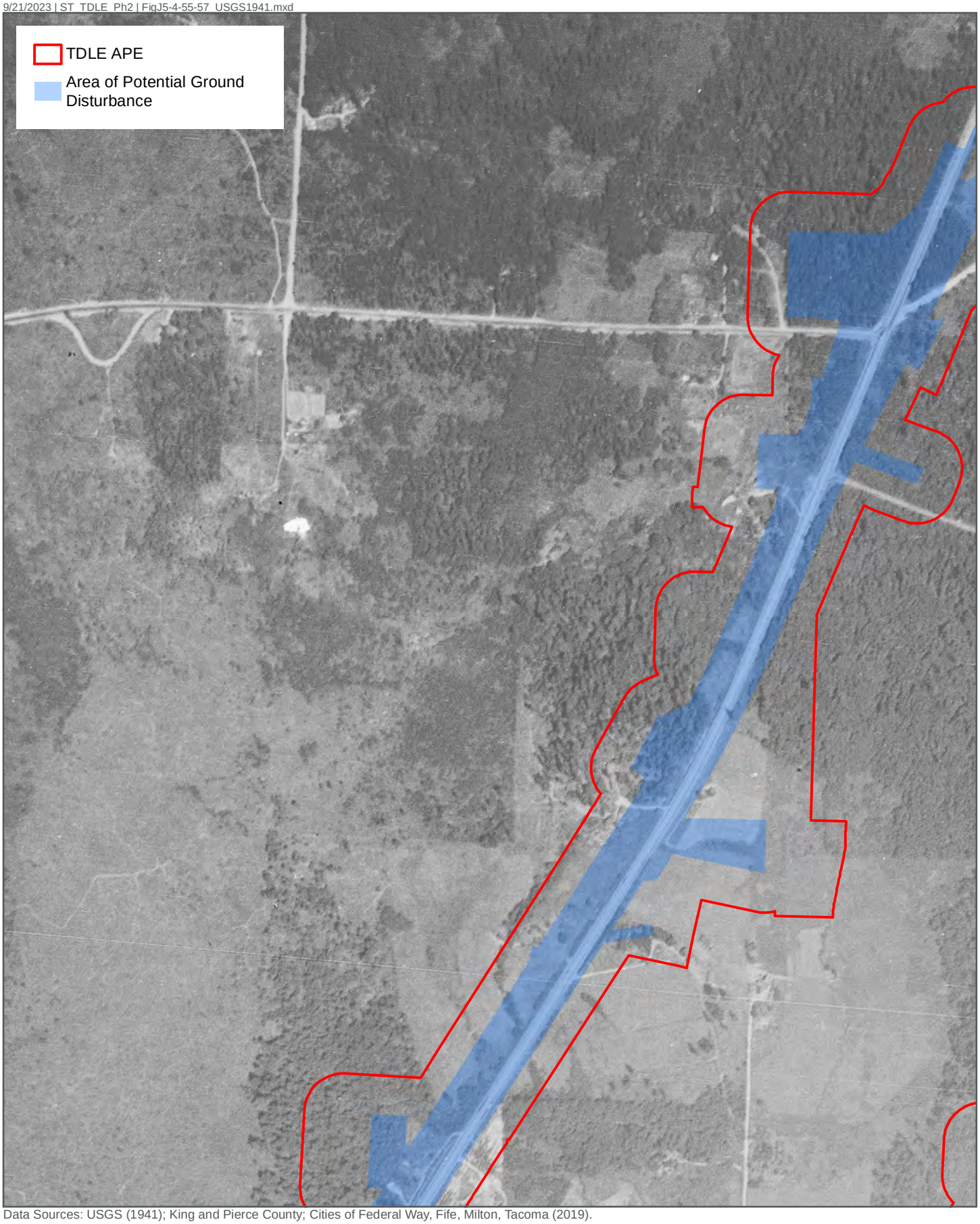

Data Sources: USGS (1941); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-58
1941 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

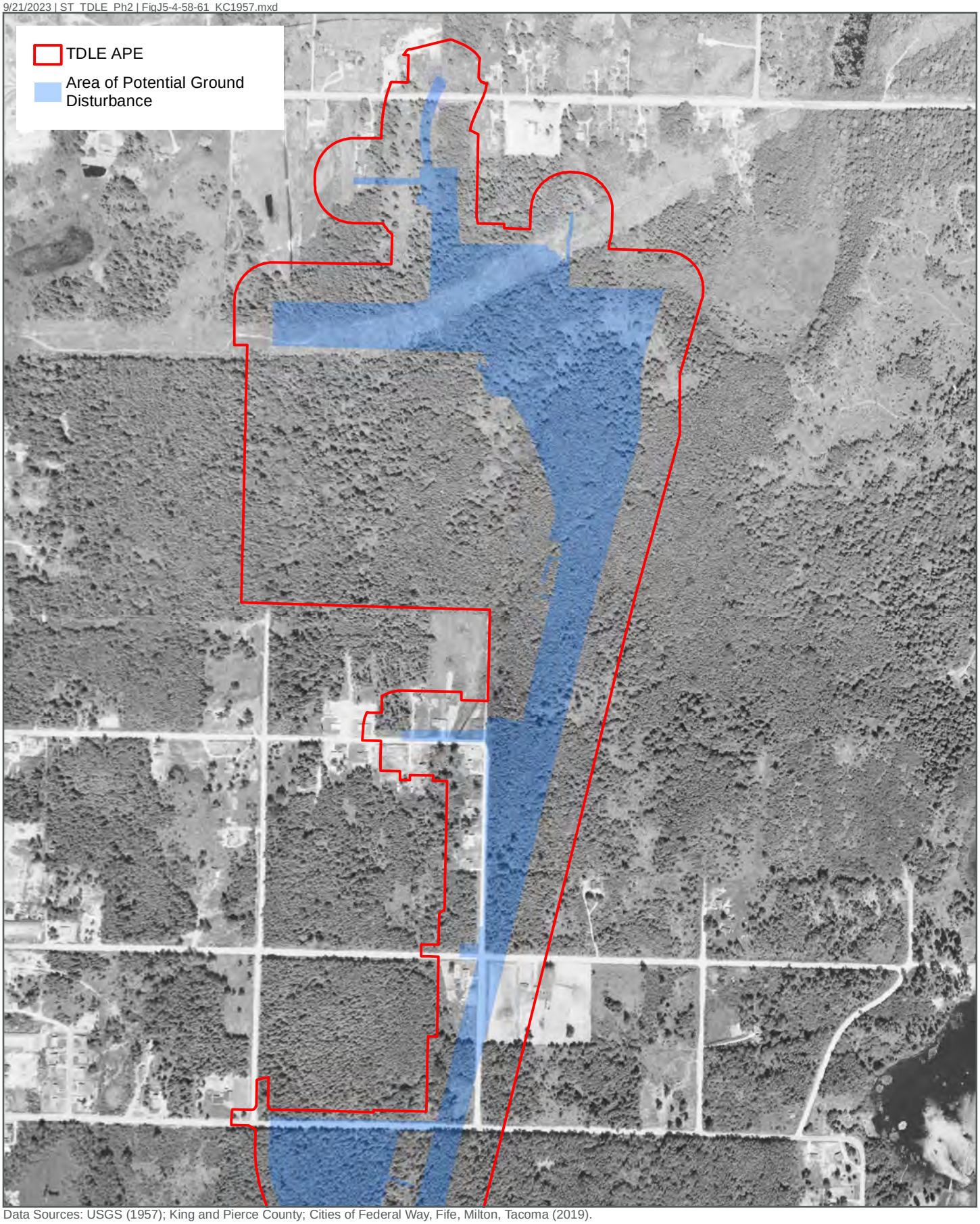

Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-59
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-60
1957 South Federal Way Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-61
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

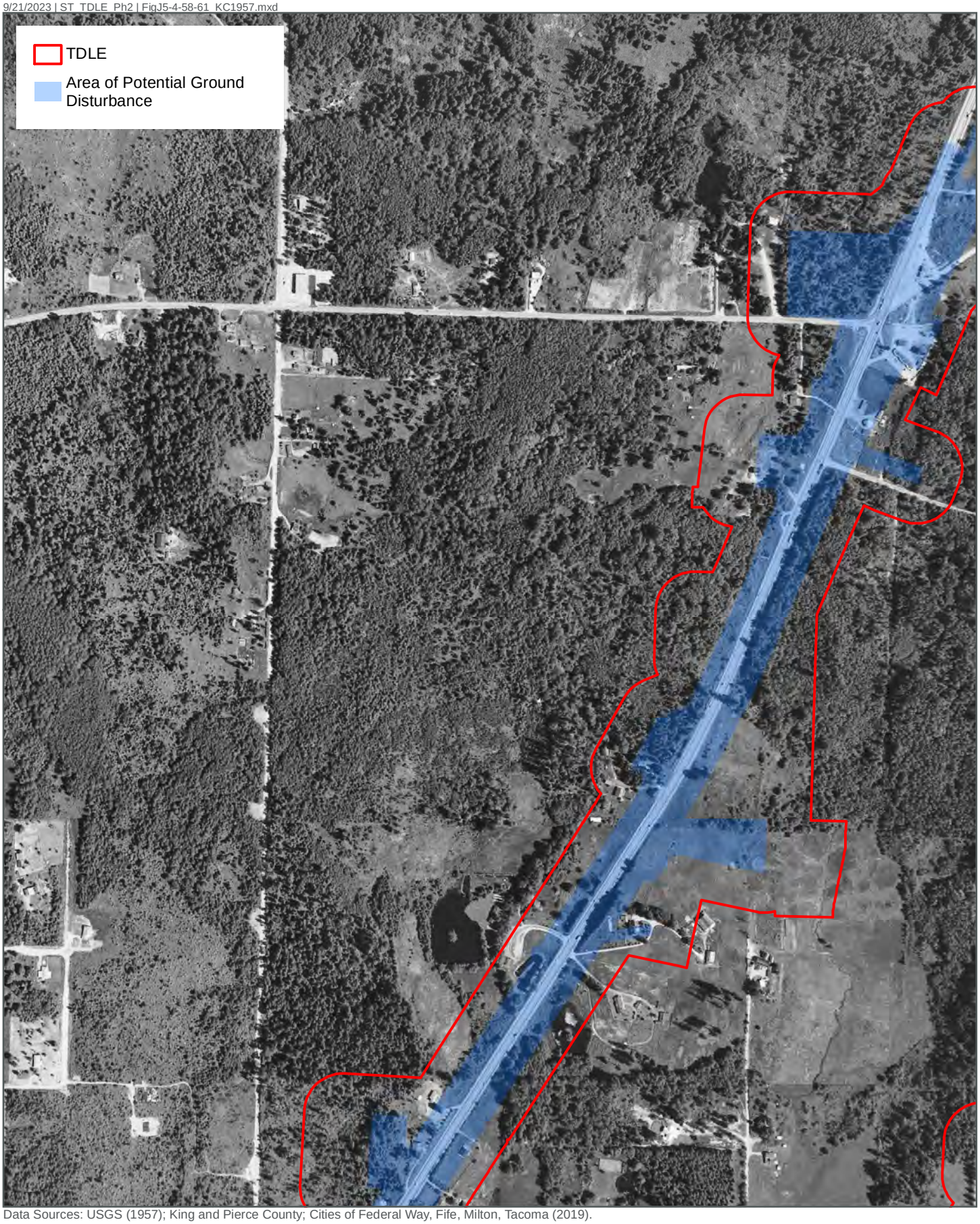

Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-62
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

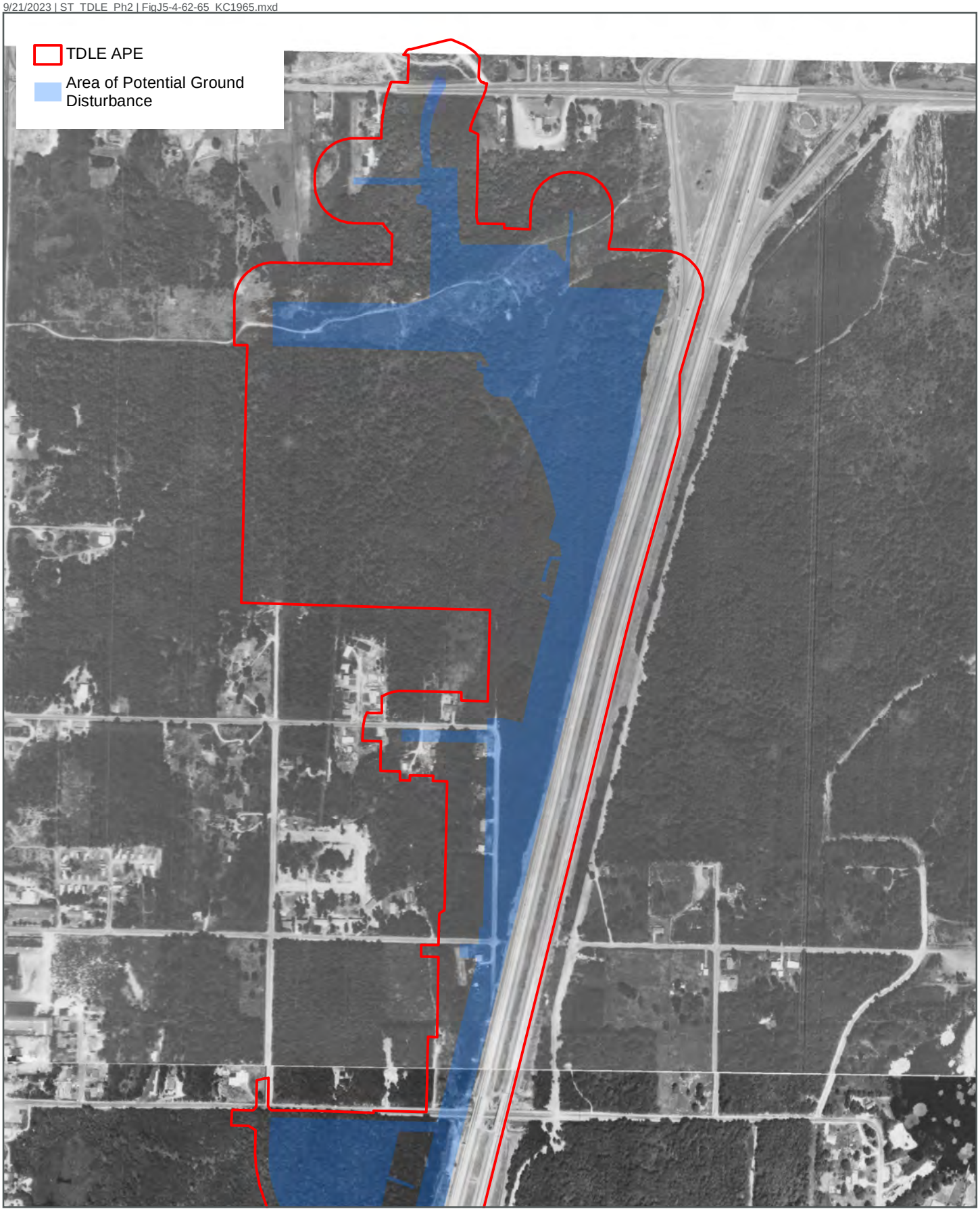

Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-63
1965 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

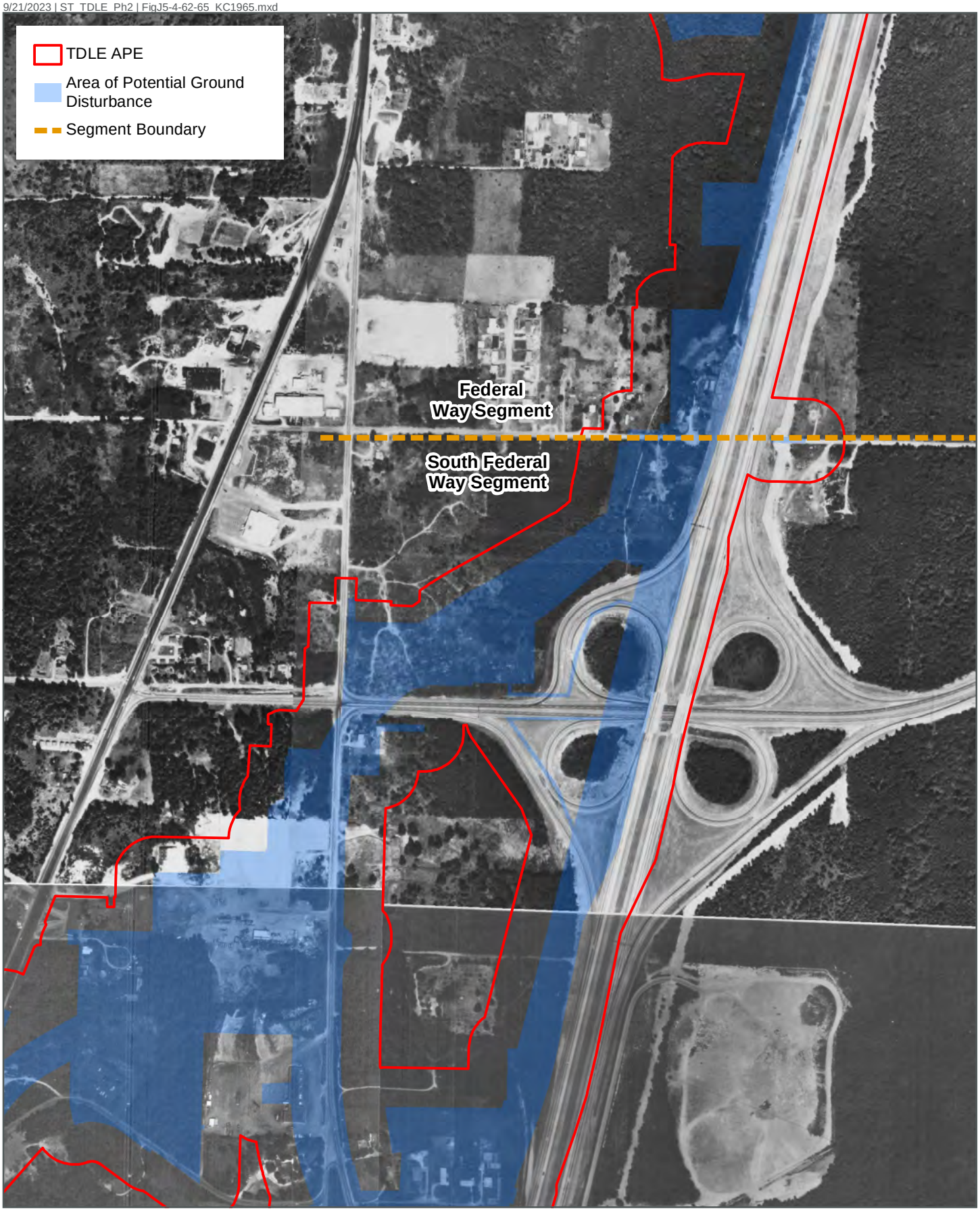

Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 500 1,000 Feet

DRAFT

FIGURE J5.4-64
1965 South Federal Way Aerial Imagery Within and Surrounding the APE
Tacoma Dome Link Extension

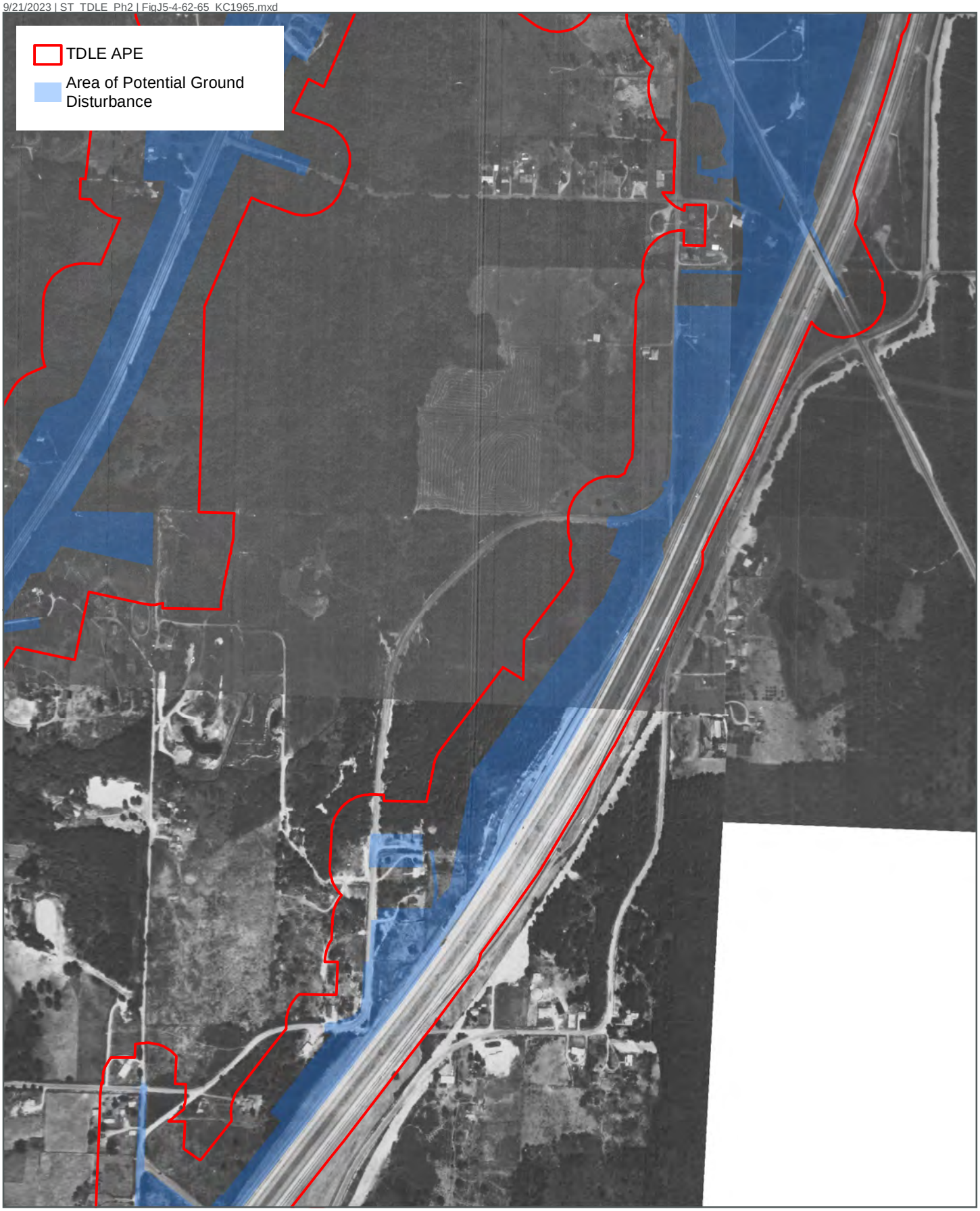

Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-65
1965 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

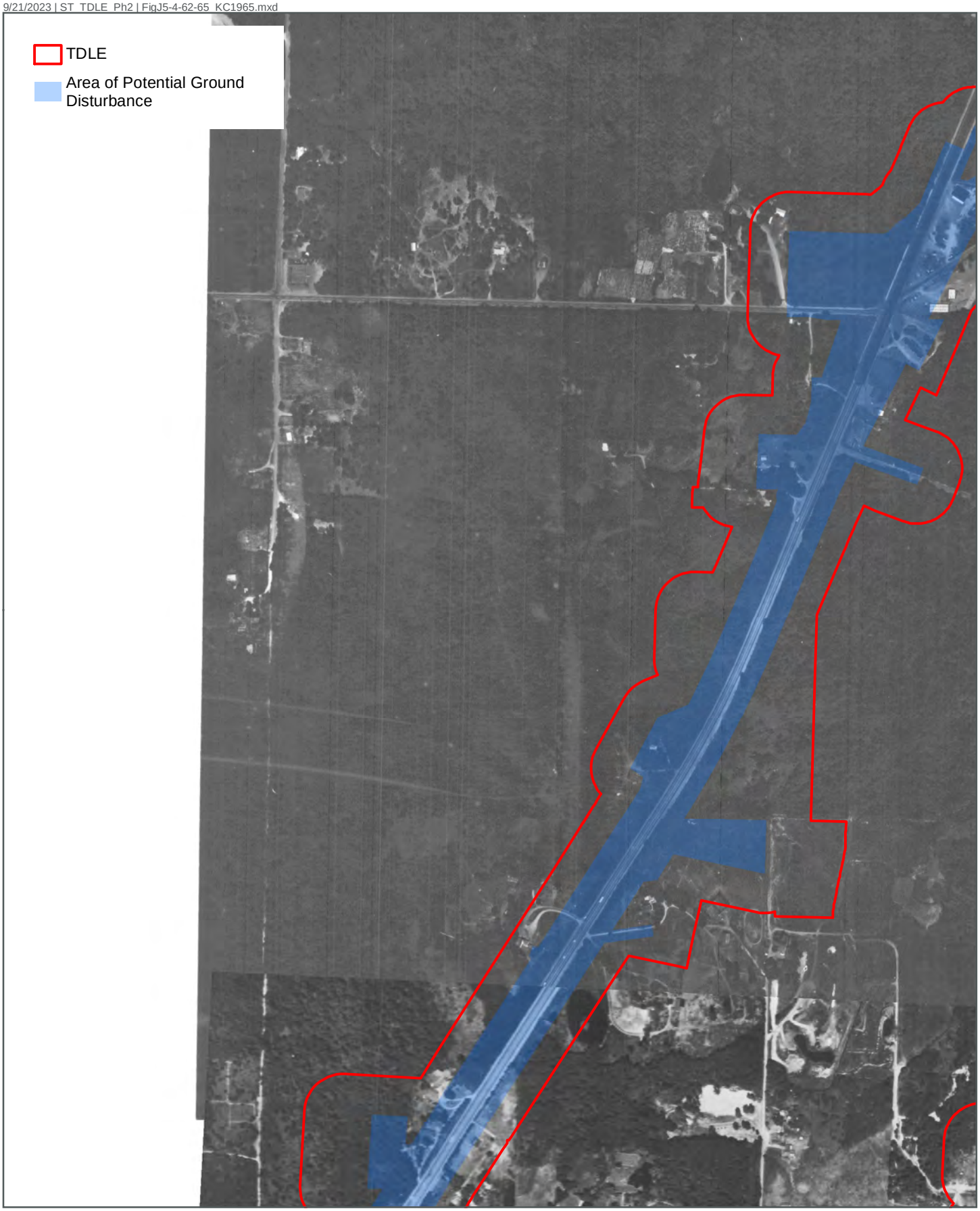

Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-66
1965 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

N

0 500 1,000 Feet

DRAFT

Tacoma Dome Link Extension

ATTACHMENT J5.5

Historic Property Inventory Forms

SOUNDTRANSIT

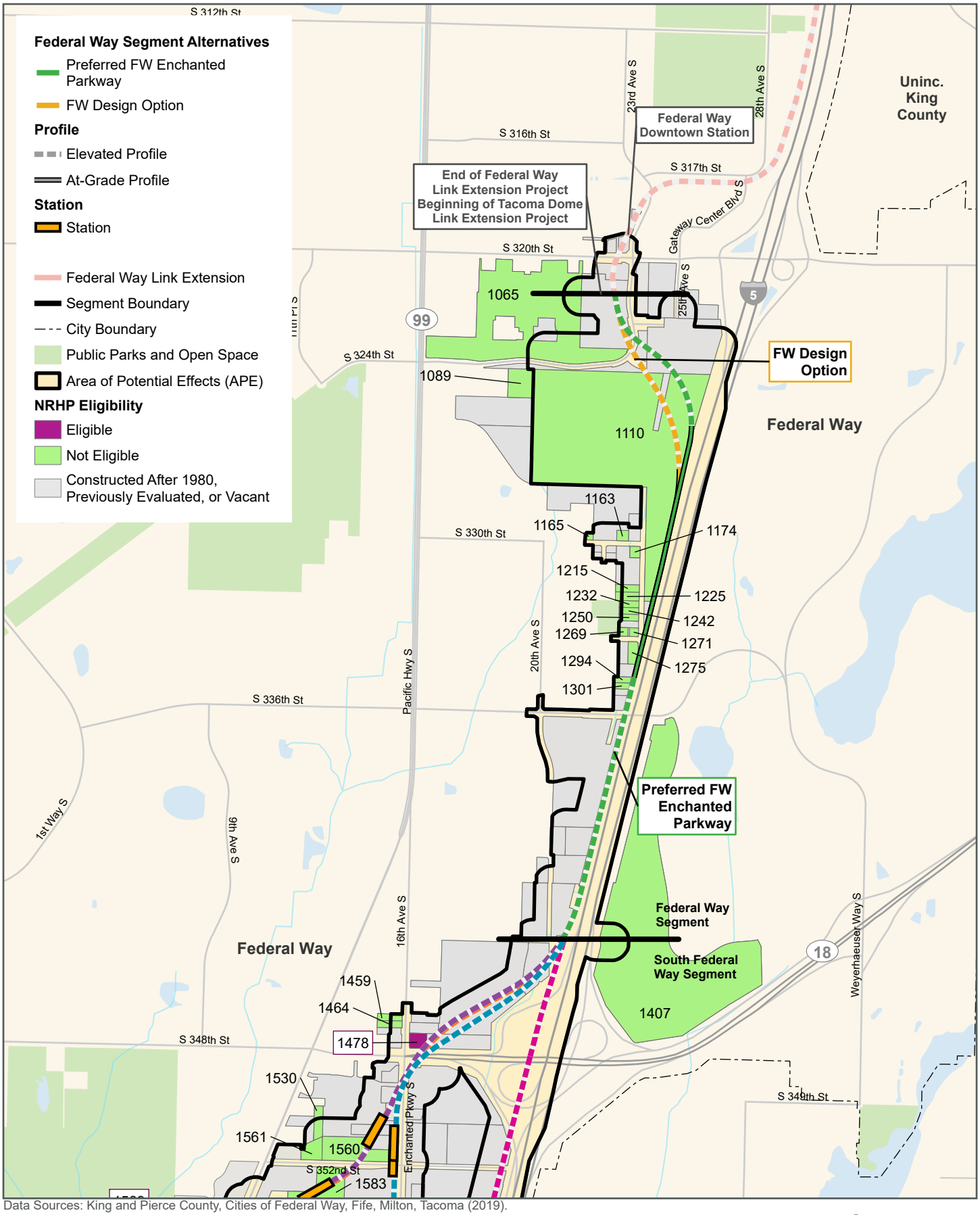

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE J5.5-1
Historic Property Inventory Status
Federal Way Segment
Tacoma Dome Link Extension

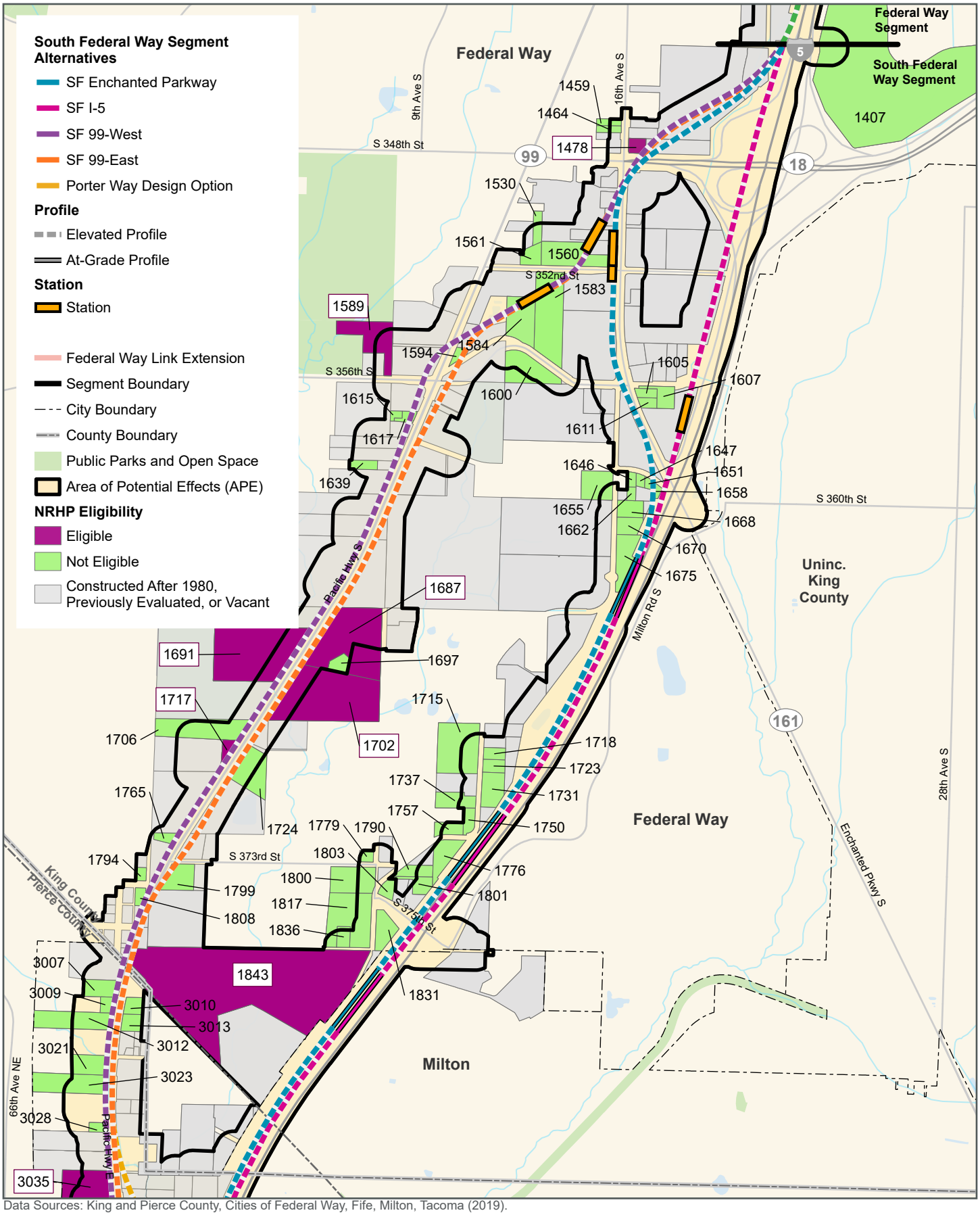

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE J5.5-2
Historic Property Inventory Status
South Federal Way Segment
Tacoma Dome Link Extension

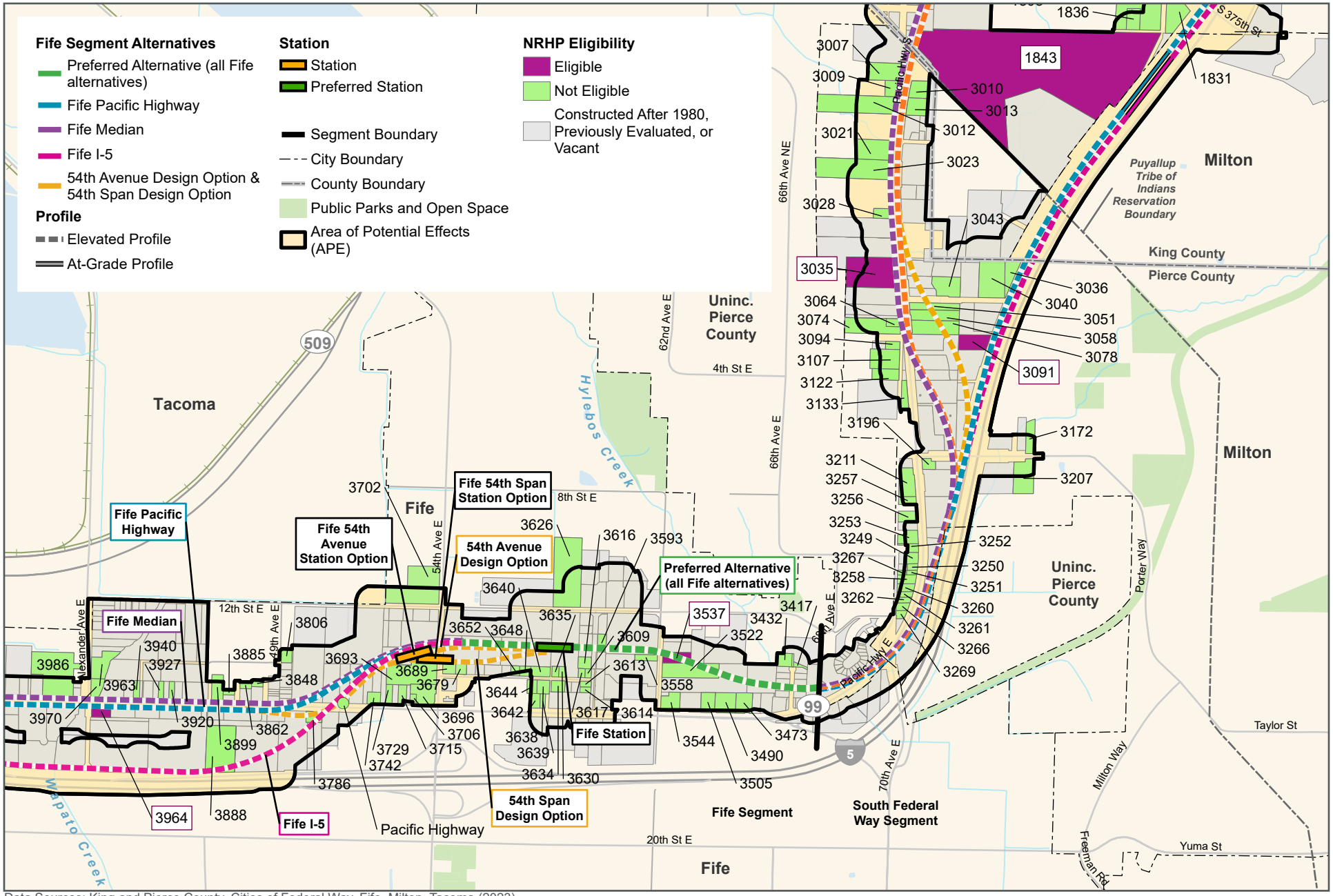

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J5.5-3

Historic Property Inventory Status
South Federal Way and Fife Segments

Tacoma Dome Link Extension

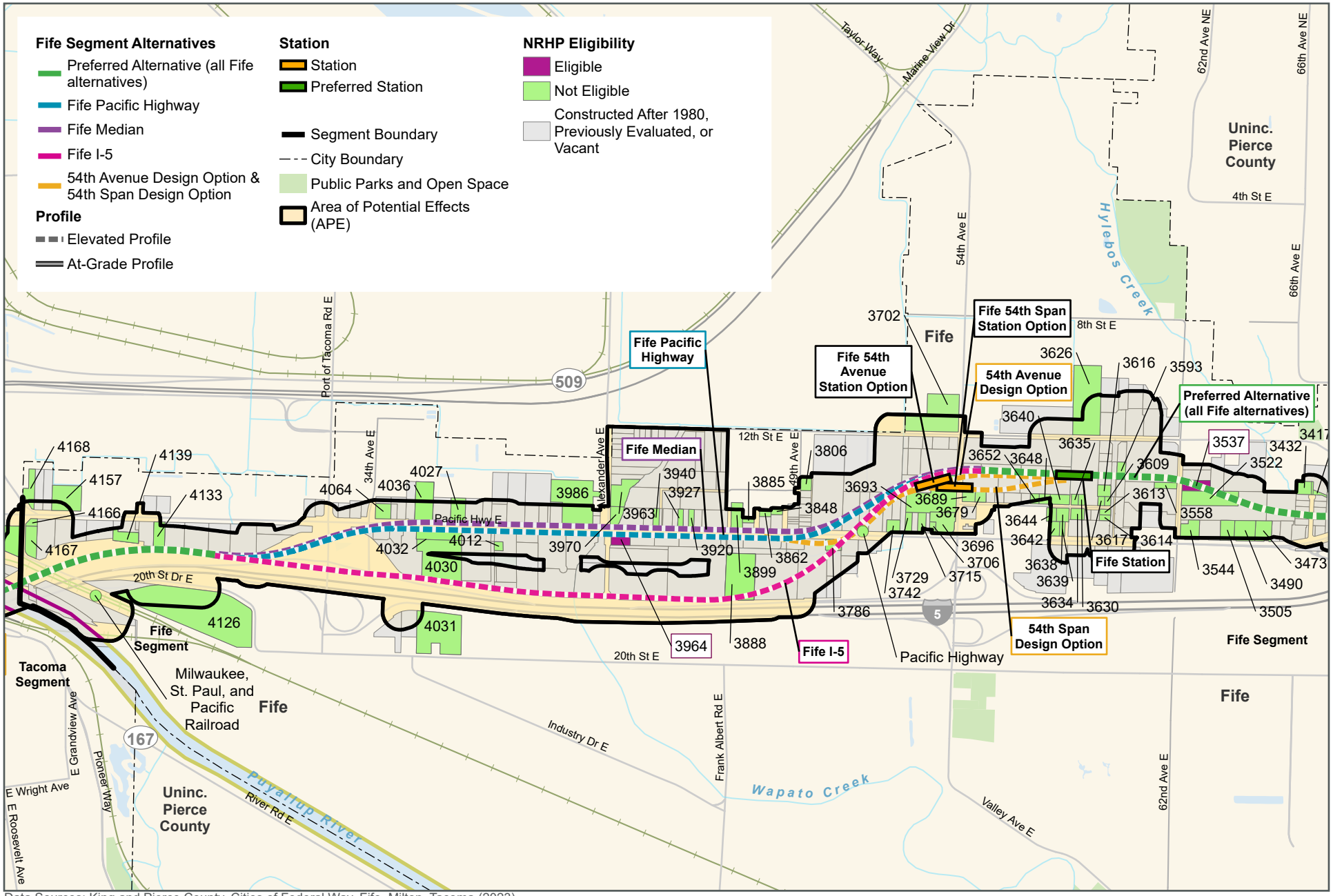

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J5.5-4
Historic Property Inventory Status
Fife Segment
Tacoma Dome Link Extension

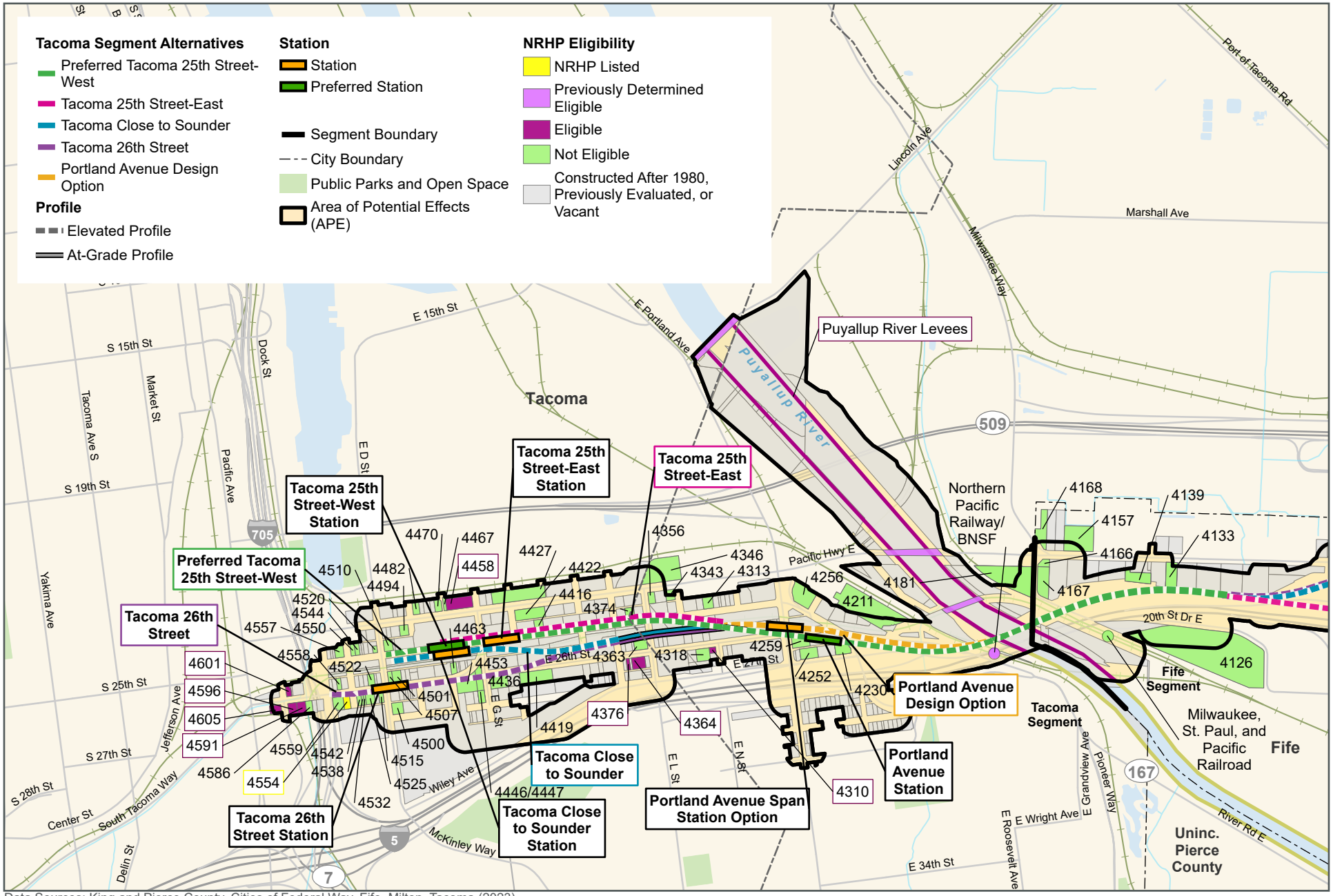

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE J5.5-5
Historic Property Inventory Status
Tacoma Segment
Tacoma Dome Link Extension

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
Federal Way Segment				
1	Federal Way Segment	1065	721219	1706 S Commons, Federal Way
2	Federal Way Segment	1089	722321	S 324th Place, Federal Way
3	Federal Way Segment	1110	674318	2101 S 324th Street, Federal Way
4	Federal Way Segment	1165	400003	2206 S 330th Street, Federal Way
5	Federal Way Segment	1163	307784	2232 S 330th Street, Federal Way
6	Federal Way Segment	1174	308853	33003 24th Avenue S, Federal Way
7	Federal Way Segment	1215	397256	33035 24th Avenue S, Federal Way
8	Federal Way Segment	1225	304377	33049 24th Avenue S, Federal Way
9	Federal Way Segment	1232	316362	33111 24th Avenue S, Federal Way
10	Federal Way Segment	1242	721218	33211 24th Avenue S, Federal Way
11	Federal Way Segment	1250	309382	33217 24th Avenue S, Federal Way
12	Federal Way Segment	1269	311005	2238 S 333rd Street, Federal Way
13	Federal Way Segment	1271	323645	2244 S 333rd Street, Federal Way
14	Federal Way Segment	1275	307792	2245 S 333rd Street, Federal Way
15	Federal Way Segment	1294	393802	2230 S 336th Street, Federal Way
16	Federal Way Segment	1301	316302	2234 S 336th Street, Federal Way
South Federal Way Segment				
17	South Federal Way Segment	1407	722322	2525 S 336th Street, Federal Way: Landscape
18	South Federal Way Segment	1407	722324	2525 S 336th Street, Federal Way: Office
19	South Federal Way Segment	1407	722326	2525 S 336th Street, Federal Way: Nursery
20	South Federal Way Segment	1407	722328	2525 S 336th Street, Federal Way: Greenhouse
21	South Federal Way Segment	1459	731866	34627 16th Avenue S, Federal Way
22	South Federal Way Segment	1464	721773	34703 16th Avenue S, Federal Way
23	South Federal Way Segment	1478	731955	34726 16th Avenue S, Federal Way
24	South Federal Way Segment	1530	721373	35000 Pacific Highway S, Federal Way
25	South Federal Way Segment	1561	731960	1351 S 351st Street, Federal Way
26	South Federal Way Segment	1560	721041	1393 S 351st Street, Federal Way
27	South Federal Way Segment	1583	731971	1200 S 356th Street, Federal Way
28	South Federal Way Segment	1584	339500	1220 S 356th Street, Northern Building, Federal Way
29	South Federal Way Segment	1584	722330	1220 S 356th Street, Southern Building, Federal Way
30	South Federal Way Segment	1589	731975	726 S 356th Street, Federal Way
31	South Federal Way Segment	1594	731972	35516 Pacific Highway S, Federal Way
32	South Federal Way Segment	1600	731973	1215 S 356th Street, Federal Way
33	South Federal Way Segment	1605	721042	35610 Enchanted Parkway S, Federal Way
34	South Federal Way Segment	1607	721044	1741 S 356th Street, Federal Way
35	South Federal Way Segment	1611	721043	35620 Enchanted Parkway S, Federal Way

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers (continued)

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
36	South Federal Way Segment	1615	339491	35800 Pacific Highway S, Federal Way
37	South Federal Way Segment	1617	731976	35717 Pacific Highway S, Federal Way
38	South Federal Way Segment	1639	323879	35935 Pacific Highway S, Federal Way
39	South Federal Way Segment	1646	308766	1615 S 359th Street, Federal Way
40	South Federal Way Segment	1647	321243	1625 S 359th Street, Federal Way
41	South Federal Way Segment	1651	309890	1635 S 359th Street, Federal Way
42	South Federal Way Segment	1655	338722	35905 16th Avenue S, Federal Way
43	South Federal Way Segment	1655	722118	35905 16th Avenue S, Federal Way
44	South Federal Way Segment	1658	307826	1649 S 359th Street, Federal Way
45	South Federal Way Segment	1662	399052	35926 16th Avenue S, Federal Way
46	South Federal Way Segment	1668	721374	36010 16th Avenue S, Federal Way
47	South Federal Way Segment	1670	392772	36028 16th Avenue S, Federal Way
48	South Federal Way Segment	1675	721045	36200 16th Avenue S, Federal Way
49	South Federal Way Segment	1687	396993	36530A Pacific Highway S, Federal Way
50	South Federal Way Segment	1691	731992/ 731994/ 731995/ 731996/ 731998/ 731999/ 732000/ 732001	36605 Pacific Highway S, Federal Way
51	South Federal Way Segment	1697	731977	36530B Pacific Highway S, Federal Way
52	South Federal Way Segment	1702	395115	36606 Pacific Highway S, Federal Way
53	South Federal Way Segment	1706	313509	36815 Pacific Highway S, Federal Way
54	South Federal Way Segment	1715	396575	36817 12th Avenue S, Federal Way
55	South Federal Way Segment	1717	395874	36903 Pacific Highway S, Federal Way
56	South Federal Way Segment	1718	397397	36908 12th Avenue S, Federal Way
57	South Federal Way Segment	1723	396556	36920 12th Avenue S, Federal Way
58	South Federal Way Segment	1724	312692	36928 Pacific Highway S, Federal Way
59	South Federal Way Segment	1731	317998	37006 12th Avenue S, Federal Way
60	South Federal Way Segment	1737	394023	37101 12th Avenue S, Federal Way
61	South Federal Way Segment	1750	324524	37125 12th Avenue S, Federal Way
62	South Federal Way Segment	1757	721375	1020 S 372nd Way, Federal Way
63	South Federal Way Segment	1765	732004	37205 Pacific Highway S, Federal Way
64	South Federal Way Segment	1776	306294	1021 S 372nd Way, Federal Way
65	South Federal Way Segment	1779	317535	37227 8th Avenue S, Federal Way
66	South Federal Way Segment	1790	325877	831 S 373rd Place, Federal Way
67	South Federal Way Segment	1794	394752	112 SW 374th Street, Federal Way
68	South Federal Way Segment	1799	396720/ 732828/ 732847	215 S 373rd Street, Federal Way
69	South Federal Way Segment	1800	315526	37325 8th Avenue S, Federal Way
70	South Federal Way Segment	1801	327903	819 S 373rd Place, Federal Way
71	South Federal Way Segment	1803	304328	805 S 373rd Place, Federal Way
72	South Federal Way Segment	1808	732005	37405 Pacific Highway S, Federal Way

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers (continued)

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
73	South Federal Way Segment	1817	337360	37515 8th Avenue S, Federal Way
74	South Federal Way Segment	1831	315797	37540 8th Avenue S, Federal Way
75	South Federal Way Segment	1836	304743	700 S 376th Street, Federal Way
76	South Federal Way Segment	1843	537584/ 725425	37600 Pacific Highway S, Federal Way
77	South Federal Way Segment	3007	732006	8425 Pacific Highway E, Milton
78	South Federal Way Segment	3007	732009	8425 Pacific Highway E, Milton
79	South Federal Way Segment	3009	731870	8411 Pacific Highway E, Milton
80	South Federal Way Segment	3010	731872	8410 Pacific Highway E, Milton
81	South Federal Way Segment	3012	731873	8323 Pacific Highway E, Milton
82	South Federal Way Segment	3013	731888	8324 Pacific Highway E, Milton
83	South Federal Way Segment	3021	731889	8217 Pacific Highway E, Milton
84	South Federal Way Segment	3023	731890	8209 Pacific Highway E, Milton
85	South Federal Way Segment	3028	731967	8111 Pacific Highway E, Milton
86	South Federal Way Segment	3035	731901	7909 Pacific Highway E, Milton
87	South Federal Way Segment	3036	721376	324 Birch Street, Milton
88	South Federal Way Segment	3040	721377	320 Birch Street, Milton
89	South Federal Way Segment	3043	721777	212 Birch Street, Milton
90	South Federal Way Segment	3051	721778	7808 Pacific Highway E, Milton
91	South Federal Way Segment	3058	731910	7802 Pacific Highway E, Milton
92	South Federal Way Segment	3064	731911	7721 Pacific Highway E, Milton
93	South Federal Way Segment	3074	731912	7715 Pacific Highway E, Milton
94	South Federal Way Segment	3078	731913	7720 Pacific Highway E, Milton
95	South Federal Way Segment	3091	731933	7700 Pacific Highway E, Milton
96	South Federal Way Segment	3094	731928	222-224 70th Avenue E, Milton
97	South Federal Way Segment	3107	731934	304 70th Avenue E, Milton
98	South Federal Way Segment	3122	731936	322 70th Avenue E, Milton
99	South Federal Way Segment	3133	731941	7403 Pacific Highway E, Milton
100	South Federal Way Segment	3172	153534	406 Porter Way, Milton, Milton
101	South Federal Way Segment	3196	721379	7320 Pacific Highway E, Milton
102	South Federal Way Segment	3207	722331	405B Porter Way, Milton
103	South Federal Way Segment	3211	721387	7303 Pacific Highway E, Milton
104	South Federal Way Segment	3257	721069	805 70th Avenue E, Milton
105	South Federal Way Segment	3256	721389	817 70th Avenue E, Milton
106	South Federal Way Segment	3253	721391	911 70th Avenue E, Milton
107	South Federal Way Segment	3252	721081	913 70th Avenue E, Milton
108	South Federal Way Segment	3249	721066	7127 Pacific Highway E, Milton

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers (continued)

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
109	South Federal Way Segment	3250	721067	7121 Pacific Highway E, Milton
110	South Federal Way Segment	3251	721077	7119 Pacific Highway E, Milton
111	South Federal Way Segment	3267	721779	1015 70th Avenue E, Milton
112	South Federal Way Segment	3258	721078	7115 Pacific Highway E, Milton
113	South Federal Way Segment	3260	721394	1103 70th Avenue E, Milton
114	South Federal Way Segment	3261	721084	7109 Pacific Highway E, Milton
115	South Federal Way Segment	3262	721080	7111 Pacific Highway E, Milton
116	South Federal Way Segment	3266	721395	1119 70th Avenue E, Milton
117	South Federal Way Segment	3269	721086	1123 70th Avenue E, Milton
Fife Segment				
118	Fife Segment	3417/ 3432	722333	67th Avenue E Bridge over Hylebos Creek, Fife
119	Fife Segment	3473	721414	6423 Pacific Highway E, Fife
120	Fife Segment	3490	721782	6411 Pacific Highway E, Fife
121	Fife Segment	3505	721780	6323 Pacific Highway E, Fife
122	Fife Segment	3544	721783	1427 62nd Avenue E, Fife
123	Fife Segment	3522	721405	1403 62nd Avenue E, Fife
124	Fife Segment	3537	31927	1309 62nd Avenue E, Fife
125	Fife Segment	3558	721083	1310 62nd Avenue E, Fife
126	Fife Segment	3593	721076	1305 59th Avenue E, Fife
127	Fife Segment	3616	721404	1322 59th Avenue E, Fife
128	Fife Segment	3609	130564	5913 15th Street E, Fife
129	Fife Segment	3617	136241	5905 15th Street E, Fife
130	Fife Segment	3613	131344	5912 15th Street E, Fife
131	Fife Segment	3614	133505	1508 59th Avenue E, Fife
132	Fife Segment	3626	721393	5812 10th Street E, Fife
133	Fife Segment	3630	132466	5809 15th Street E, Fife
134	Fife Segment	3635	145979	5801 15th Street E, Fife
135	Fife Segment	3634	145431	5802 to 5804 15th Street E, Fife
136	Fife Segment	3640	152005	5719 15th Street E, Fife
137	Fife Segment	3638	144090	5718 15th Street E Fife
138	Fife Segment	3639	153730	5717 Pacific Highway E Fife
139	Fife Segment	3642	153566	5715 Pacific Highway E Fife
140	Fife Segment	3644	139898	5712 15th Street E Fife
141	Fife Segment	3648	137615	5701 15th St E Fife
142	Fife Segment	3652	130537	5615 15th St E Fife
143	Fife Segment	3679	727596	5417 15th St E Fife
144	Fife Segment	3689	727594	1409 54th Ave E Fife
145	Fife Segment	3702	727600	1124 54th Ave E Fife
146	Fife Segment	3693	721091	1401 52nd Avenue E, Fife

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers (continued)

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
147	Fife Segment	3693	721092	1421 52nd Avenue E, Fife
148	Fife Segment	3693	721093	1414 54th Avenue E, Fife
149	Fife Segment	3696	727593	1522 54th Ave E Fife
150	Fife Segment	3706	727590	5303 Pacific Highway E Fife
151	Fife Segment	3715	727587	5219 Pacific Highway E Fife
152	Fife Segment	3729	721413	5209 Pacific Highway E, Fife
153	Fife Segment	3742	721087	5121 Pacific Highway E, Fife
154	Fife Segment	N/A	722123	Pacific Highway
155	Fife Segment	3786	731943	4910 Pacific Highway E
156	Fife Segment	3806	132648	4817 15th Street E, Fife
157	Fife Segment	3848	130128	1416 Willow Road E, Fife
158	Fife Segment	3862	721784	1417 47th Avenue E, Fife
159	Fife Segment	3885	130546	1428 47th Avenue E, Fife
160	Fife Segment	3899	31788	4601 Pacific Highway E, Fife
161	Fife Segment	3888	731944	4630 16th Street E, Fife
162	Fife Segment	3920	721411	4419 Pacific Highway E, Fife
163	Fife Segment	3927	731946	4407 Pacific Highway E, Fife
164	Fife Segment	3940	721410	4315 Pacific Highway E, Fife
165	Fife Segment	3963	31787	1409 Alexander Avenue E, Fife
166	Fife Segment	3970	721409	1501 Alexander Avenue E, Fife
167	Fife Segment	3964	29547	4306 Pacific Highway E, Fife
168	Fife Segment	3986	721407	4105 Pacific Highway E, Fife
169	Fife Segment	4012	722112	3812 Pacific Highway E, Fife
170	Fife Segment	4027	721408	3701 Pacific Highway E, Fife
171	Fife Segment	4036	731951	3517 Pacific Highway E, Fife
172	Fife Segment	4032	731947	3518 Pacific Highway E, Fife
173	Fife Segment	4030	90583	3520 Pacific Highway E, Fife
174	Fife Segment	4031	721790	3607 20th Street E, Fife
175	Fife Segment	4064	29545	3401 Pacific Highway E, Fife
176	Fife Segment	4126	721788	2902 20th Street E, Fife
177	Fife Segment	4133	731957	2612 Pacific Highway E, Fife
178	Fife Segment	4139	731958	2590 Pacific Highway E, Fife
179	Fife Segment	4157	721787	2311 Pacific Highway E, Fife
180	Fife Segment	4168	721785	2205-2215 Pacific Highway E, Fife
181	Fife Segment	4166	721439	2208 Pacific Highway E, Fife
182	Fife Segment	4167	97093	2208 Pacific Highway E, Fife
183	Fife Segment	N/A	722130	Tacoma Eastern Railroad/Milwaukee, St. Paul and Pacific Railroad

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers (continued)

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
Tacoma Segment				
184	Tacoma Segment	N/A	722117	Puyallup River Levees
185	Tacoma Segment	4181	731959	2020 Puyallup Avenue (formerly 2102 Eels Street), Tacoma
186	Tacoma Segment	N/A	722131	Northern Pacific Railway/BNSF
187	Tacoma Segment	4211	530918	1713 Puyallup Avenue, Tacoma
188	Tacoma Segment	4230	731961	2650 E Bay Street, Tacoma
189	Tacoma Segment	4256	534436	1601 Bay Street, Tacoma
190	Tacoma Segment	4259	531192	2603A E Portland Avenue, Tacoma
191	Tacoma Segment	4252	721150	2603B E Portland Avenue, Tacoma
192	Tacoma Segment	4313	536784	1313 E 25th Street, Tacoma
193	Tacoma Segment	4310	536705	1320 E 26th Street, Tacoma
194	Tacoma Segment	4318	721791	1314 E 26th Street, Tacoma
195	Tacoma Segment	4343	721095	1220 Puyallup Avenue, Tacoma
196	Tacoma Segment	4346	721796	1201 Puyallup Avenue, Tacoma
197	Tacoma Segment	4356	31229	1206 Puyallup Avenue, Tacoma
198	Tacoma Segment	4374	731964	1115 E 25th Street, Tacoma
199	Tacoma Segment	4363	731962	1119-1121 E 26th Street, Tacoma
200	Tacoma Segment	4364	721797	1112 E 26th Street, Tacoma
201	Tacoma Segment	4376	516320	1106 E 26th Street, Tacoma
202	Tacoma Segment	4427	530920	805 Puyallup Avenue, Tacoma
203	Tacoma Segment	4422	731963	808 Puyallup Avenue, Tacoma
204	Tacoma Segment	4416	721805	811 E 25th Street, Tacoma
205	Tacoma Segment	4419	721085	808 E 26th Street, Tacoma
206	Tacoma Segment	4436	536751	712 E 26th Street, Tacoma
207	Tacoma Segment	4458	32815	603-605 Puyallup Avenue, Tacoma
208	Tacoma Segment	4447/ 4446	731966	2620 E G Street, Tacoma
209	Tacoma Segment	4470	31224	525 Puyallup Avenue, Tacoma
210	Tacoma Segment	4463	721818	601 E 26th Street, Tacoma
211	Tacoma Segment	4453	721819	2601 East F Street, Tacoma
212	Tacoma Segment	4482	32847	505 Puyallup Avenue, Tacoma
213	Tacoma Segment	4494	721058	424 Puyallup Avenue, Tacoma
214	Tacoma Segment	4501	721090	409 E 26th Street, Tacoma
215	Tacoma Segment	4510	32821	401 E 25th Street, Tacoma
216	Tacoma Segment	4507	536744	401 E 26th Street, Tacoma
217	Tacoma Segment	4500	536681	401 E 27th Street, Tacoma
218	Tacoma Segment	4520	32820	323 E 25th Street, Tacoma
219	Tacoma Segment	4522	721826	315 E 26th Street, Tacoma
220	Tacoma Segment	4515	536735	324 E 26th Street, Tacoma
221	Tacoma Segment	4544	536788	305-319 E 25th Street, Tacoma

Table J5.5-1 List of Historic Property Inventory Forms with corresponding TDLE Map and WISAARD Property ID numbers (continued)

No.	Segment	TDLE Map ID	WISAARD Property ID	Address
222	Tacoma Segment	4525	536739	314 E 26th Street, Tacoma
223	Tacoma Segment	4550	32819	301 E 25th Street, Tacoma
224	Tacoma Segment	4532	536718	308 E 26th Street, Tacoma
225	Tacoma Segment	4538	536724	306 E 26th Street, Tacoma Unit A B
226	Tacoma Segment	4542	536740	302 E 26th Street, Tacoma
227	Tacoma Segment	4557	31671	217 E 25th Street, Tacoma
228	Tacoma Segment	4558	721827	219 E 26th Street, Tacoma
229	Tacoma Segment	4559	536745	216 E 26th Street, Tacoma
230	Tacoma Segment	4591	536754	110 E 26th Street, Tacoma
231	Tacoma Segment	4601	31674	101 E 26th Street, Tacoma
232	Tacoma Segment	4596	722335	102 E 26th Street, Tacoma
233	Tacoma Segment	4605	536748	102 S 26th Street, Tacoma
234	Tacoma Segment	4554	31673	220-222-224 E 26th Street, Tacoma[1]

Note:

(1) This resource was listed in the National Register of Historic Places (NRHP) in 1984.

Historic Property Report

Resource Name: Sea Tac Mall

Property ID: 721219

Location

Address: 1706 S Commons, Federal Way, Washington, 98003

Geographic Areas: T21R04E16, King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Department Store
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Department Store
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company
Architect	Nelson, Wall & Dolle
Architect	Mullvanny, Douglas

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/11/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/14/2020	Survey/Inventory	

Photos

1706 S Commons, view north.JPG

1706 S Commons, view with retention pond, view northwest.JPG

SeaTacMall_FederalWay_The_Seattle_Times___April_30_1973__p17.pdf

Historic Property Report

Resource Name: Sea Tac Mall

Property ID: 721219

Inventory Details - 2/14/2020

Common name:

Date recorded: 2/14/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Irregular
Cladding	Brick
Cladding	Stucco
Roof Type	Flat with Parapet
Form Type	Commercial - Mall
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1975), 1706 S Commons has lost integrity of materials, design, and workmanship. It is assumed that the mall has housed numerous commercial retailers, many of which have standardized storefronts utilized nationwide. When such retailers come and go, minor changes to cladding, massing, and window and doors are expected. Additionally, the mall was heavily altered by demolition and new construction at the eastern end in the twenty-first century, leading to additional integrity loss. The building retains integrity of location, setting, feeling, and association.

Evaluation

The commercial building at 1706 S Commons, originally known as SeaTac Mall, was constructed in 1975 kitty-corner from Federal Way's first mall, which was built in1955 (Stein 2003). Though the building attracted many enthusiastic visitors to its grand opening, the commercial strip mall does not appear, based on a review of historic maps and local histories, to have any specific or direct association with events that made a significant contribution to the broad patterns of local, state, or national history, aside from continued commercial growth along Federal Way. Were this the first mall in the region, it would be significant for its associations with commerce. However, this mall appears to be more appropriately understood as an addition to an existing shopping center without its own important associations with historic events or trends (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates recommends 1706 S Commons is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

Built in 1975, the commercial building at 1706 S Commons fronts north (King County Assessor 2020). The irregular one-story building sits on a poured-concrete foundation, is clad in a combination of stucco siding and brick veneer, and is topped by a flat roof with parapet. At the time of survey the strip mall housed numerous big-box retailers, including a Target, Century Theatres, Kohl's, and Macy's. An associated retention pond is located south of the parking area with visible culverts.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January31, 2020.

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Historic Property Report

Resource Name: Sea Tac Mall

Property ID: 721219

Inventory Details - 3/11/2020

Common name: The Commons at Federal Way

Date recorded: 3/11/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: The Commons at Federal Way (formerly SeaTac Mall) is a regional shopping mall located in Federal Way and is the only indoor shopping center in the city. The previous owners, Steadfast Commercial Properties, changed the name to The Commons at Federal Way. The original developer was Harry Newman of Newman Properties. SeaTac Mall opened in 1975 on a forested, swampy pasture that was the homestead of Mabel Webb Alexander, who arrived in Washington in 1879 and died at age 96. For many years the original SeaTac Mall used a thunderbird in the logo and had a mascot, Thudius T. Thunderbird.

Historic Property Report

Resource Name: Water Tower

Property ID: 722321

Location

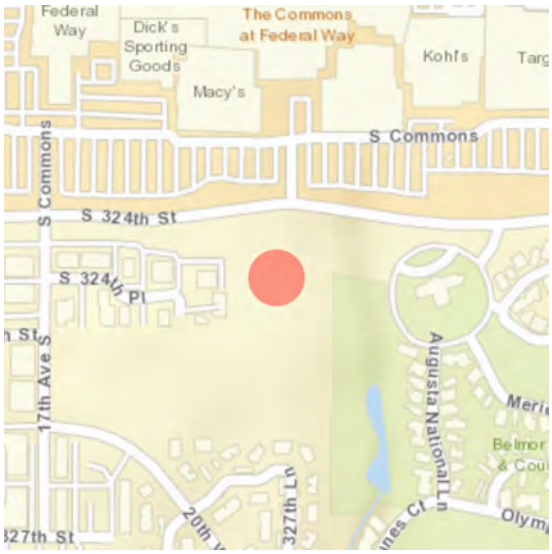

Address: S 324th Pl, Federal Way, Washington, 98003

Tax No/Parcel No: 1621049039

Geographic Areas: T21R04E16, King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☐

Historic Use:

Category	Subcategory
Government	Government - Public Works
Government	Government - Public Works

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Water Tower

Property ID: 722321

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

Water Tower along S 324th Pl, view southeast

Water Tower structures along S 324th Pl, view southwest

Water Tower along S 324th Pl, view southwest

Historic Property Report

Resource Name: Water Tower

Property ID: 722321

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Dome
Roof Material	Metal
Cladding	Metal
Structural System	Metal - Steel
Plan	Round

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1975), the Seatac Tank on S 324th Place retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it is relatively intact.

Evaluation

The Seatac Tank on S 324th Place was constructed 1975 and is part of the Lakehaven Water and Sewer District. The district services the area between Seattle and Tacoma in King and Pierce Counties. The Lakehaven Sewer District was incorporated on February 27, 1956, and was consolidated with the King County Water District Number 124 on September 17, 1985. Today, the district includes 400 miles of water mainline, 22 wells, 12 storage tanks, 350 miles of sewer mainline, 27 pump stations, and 2 secondary wastewater treatment plants (Lakehaven Water and Sewer District 2020). The water tower is known as the Seatac Tank and serves as one of the 12 storage tanks within the district (Lakehaven Utility District and Carollo Engineers 2016). As a piece of this larger district, the Seatac Tank is associated with increased infrastructure developed to support commercial expansion within Federal Way in the second half of the twentieth century. However, according to National Register Bulletin 15, “mere association with historic events or trends is not enough, in and of itself, to qualify under Criterion A: the property’s specific association must be considered important as well” (National Park Service [NPS] 1995). Since the water tower did not facilitate development but simply boosted local infrastructure, it is not considered individually significant for its association with broad patterns of local, state, or national history, including development in Federal Way (Criterion A). Background research did not suggest that the water tower held a strong association with the lives of significant persons (Criterion B). The water tower is utilitarian in character and is not likely to be eligible for listing in the National Register of Historic Places (NRHP) for its architectural or engineering character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district), as the water tower is only one of 12 storage tanks within the system and relatively young. Therefore, Historical Research Associates, Inc. (HRA) recommends that the Seatac Tank on S 324th Place would not contribute to a potential Lakehaven Water and Sewer District, were such a district present. Finally, the water tower was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance, HRA recommends that the Seatac Tank on S 324th Place is not eligible for listing in the NRHP under any criteria.

Physical description:

The water tower located at the east end of S 324th Place, east of the 17th Avenue S intersection, was constructed in 1975. The King County Assessor did not provide a date of construction for the water tower, but historic aerials and a 2015 Lakehaven Utility District Water System Plan update indicate 1975 as the date of construction for what is known as the Seatac Tank. The supporting structures west of the tower were constructed outside the historic period and were not surveyed (ca. 2013 and 2017) (Lakehaven Utility District and Carollo Engineers 2016; NETROnline 2020). The water tower was constructed to support surrounding development, including a new shopping mall known as The Commons (1975).

The circular water tower sits on a poured-concrete foundation, includes walls of metal sheets, and is topped by a domed roof. It has an exterior staircase facing east. A platform at the top of the stairs provides access to the interior of the tower. West of the water tower are two support structures: concrete dividers, constructed ca. 2013, and a metal carport for equipment, constructed ca. 2017.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January31, 2020.

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Lakehaven Water and Sewer District. 2020. The District. Electronic document, https://www.lakehaven.org/27/District, accessed June 23, 2020.

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National Park Service (NPS). 1995. National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation. U.S. Department of the Interior, National Park Service, Cultural Resources Department, Washington D.C.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Belmor Park Mobile Home Park

Property ID: 674318

Location

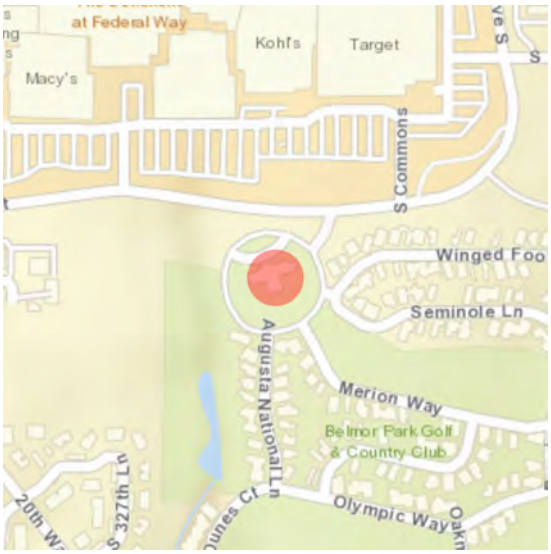

Address: 2101 S 324th St, Federal Way, WA 98003

Tax No/Parcel No: 1621049037

Geographic Areas: POVERTY BAY Quadrangle, T21R04E16, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1966	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Multiple Family House
Recreation and Culture	Recreation and Culture - Outdoor Recreation
Social	Social - Clubhouse
Domestic	Domestic - Multiple Family House
Recreation and Culture	Recreation and Culture - Outdoor Recreation
Social	Social - Clubhouse

Historic Context:

Category
Architecture
Community Planning and Development

Architect/Engineer:

Category	Name or Company
Architect	Woodman, Jack, and Associates
Builder	Brown, Gavin
Builder	Mallory Company of Woodinville
Engineer	Hugh Goldsmith Associates
Engineer	Turf and Toro
Landscape Architect	Coleman, Raymond

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
102912-18-FTA, FTA, Federal Way Link Transit Extension	3/17/2014	Determined Not Eligible	, 10/2/2014
2011-07-00111, , Assessors Data Project: King County E	7/2/2011	Not Determined	
2014-09-00131, , Sound Transit Federal Way (2)			
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	6/26/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	10/5/2020	Survey/Inventory	

Photos

Northeast corner

Belmor Mobile Home Park, homes

Belmor Mobile Home Park, homes

Belmor Mobile Home Park, homes

Belmor Mobile Home Park, homes

Belmor Mobile Home Park, homes

Belmor Mobile Home Park homes

Belmor Mobile Home Park, golf course

Belmor Mobile Home Park, homes and green

Belmor Mobile Home Park, green and developed catchment

Belmor Mobile Home Park, green and catchment

Belmor Mobile Home Park, homes and green

Belmor Mobile Home Park, terrace and bench on green

Belmor Mobile Home Park, added stormwater facility

Belmor Mobile Home Park, golf course

Belmor Mobile Home Park, homes and interior roadway

Belmor Mobile Home Park, golf course

Belmor Mobile Home Park, homes

Belmor Mobile Home Park, garage and maintenance

BelmorPark_MobileHome_FederalWay (8).JPG

BelmorPark_MobileHome_FederalWay (7)_FourSeasons.JPG

BelmorPark_MobileHome_FederalWay (6).JPG

BelmorPark_MobileHome_FederalWay (5).JPG

BelmorPark_MobileHome_FederalWay (4).JPG

BelmorPark_MobileHome_FederalWay (3).JPG

BelmorPark_MobileHome_FederalWay (2).JPG

BelmorPark_MobileHome_FederalWay (1).JPG

BelmorPark_MobileHome_The_Seattle_Times___May_9_1967.jpg

BelmorPark_MobileHome_The_Seattle_Times___May_7_1968__p72.JPG

BelmorPark_MobileHome_FederalWay (19).JPG

BelmorPark_MobileHome_FederalWay (18).JPG

BelmorPark_MobileHome_FederalWay (17).JPG

BelmorPark_MobileHome_FederalWay (16).JPG

BelmorPark_MobileHome_FederalWay (15)_Homette.JPG

BelmorPark_MobileHome_FederalWay (14).JPG

BelmorPark_MobileHome_FederalWay (13)_Universal.JPG

BelmorPark_MobileHome_FederalWay (12)_Universal.JPG

BelmorPark_MobileHome_FederalWay (11)_Universal.JPG

BelmorPark_MobileHome_FederalWay (10)_Safeway.JPG

BelmorPark_MobileHome_FederalWay (9)_Brookwood.JPG

Mobile homes associated with 2101 S 324th Street, view southeast.JPG

Clubhouse and attached pool house located at 2101 S 324th Street, view northwest.JPG

Clubhouse and attached pool house located at 2101 S 324th Street, view southwest.JPG

Clubhouse located at 2101 S 324th Street, view southeast.JPG

BelmorPark_MobileHome_The_Seattle_Times___May_9_1967.jpg

Northeast corner (2)

Northwest corner

North elevation

Northwest corner, entrance shed

BelmorPark_MobileHome_The_Seattle_Times___May_7_1968__p72.pdf

News_Article__Seattle_Daily_Times_published_as_The_Seattle_Times___May_15_1970__p37.pdf

News_Article__Seattle_Daily_Times_published_as_The_Seattle_Times___October_23_1966__p86.pdf

News_Article__Seattle_Daily_Times_published_as_The_Seattle_Times___May_9_1967__p62.pdf

Seattle_Times___January_21_1969__p61.pdf

Historic Property Report

Resource Name: Belmor Park Mobile Home Park Property ID: 674318

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 1621049037

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 2101 S 324th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1966 and is a clubhouse. Also according to the county assessor, the structure was remodeled in 1974. The 1-story building has an other form.

Historic Property Report

Resource Name: Belmor Park Mobile Home Park Property ID: 674318

Inventory Details - 3/17/2014

Common name:	Belmor Mobile Home Park
Date recorded:	3/17/2014
Field Recorder:	MaryNell Nolan-Wheatley
Field Site number:	8019-65
SHPO Determination	102912-18-FTA determined on 10/2/2014

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Roof Material	Metal - Tile
Structural System	Wood - Platform Frame
Roof Type	Gable - Cross
Cladding	Wood - Board & Batten
Foundation	Concrete - Poured
Roof Material	Metal - Corrugated

Styles:

Period	Style Details
Modern Movement	Contemporary

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places:	No
Property is located in a potential historic district (National and/or local):	No
Property potentially contributes to a historic district (National and/or local):	No

Significance narrative: Construction of the original Highway 1 in the state of Washington commenced in 1913. By October 1923, 700 miles of a two-lane highway had been completed connecting Vancouver, British Columbia, to the Oregon-California border. Just after the highway was completed in 1924, however, plans were begun to reroute and improve the conditions of the highway. The project involved creating a new, wider, four-lane route further west that would connect Seattle and Tacoma, Washington, more directly (Kramak, 2010). The new roadway was completed in 1928 and acquired the title of Highway 1, while the original eastern route was renamed Highway 5 (Caster, 2007). The new Highway 1 became known as the Pacific Highway. Over the years, various parts of Highway 1 acquired alternative names, including the portion known as Pacific Highway S, which starts near Federal Way, Washington, and continues north, through Kent, Des Moines, and SeaTac, Washington (Kramak, 2010).

In 1926, Pacific Highway (HWY 1) was included as a numbered U.S. Highway (US 99) (U.S. Route 99, 2013). The following decades witnessed the rapid growth of businesses along the highway and the formation of a new auto-oriented roadside culture characterized by a proliferation of motels, restaurants, and rest stops (Des Moines Historical Society, 2007). Increased automobile ownership changed people's perceptions about distance and allowed populations to sprawl around urban centers, increasing the number of residents in suburban towns and cities, including SeaTac, Des Moines, Kent, and Federal Way (Boyles, 2010).

Federal Way was originally settled as a rural logging community in the late 1800s. In 1928 , when the Pacific Highway (HWY 1/US 99) between Tacoma and Seattle opened, it linked Federal Way to the larger neighboring communities, spurring economic and residential development. The name Federal Way came from an eponymous school built in 1929 on Pacific Highway S (Caster, 2007). During the 1950s, Federal Way witnessed substantial growth, transforming from a small lumber town into a metropolitan area. Auto-oriented businesses emerged and thrived along the Pacific Highway. Community growth was bolstered by Boeing and Weyerhaeuser industries in the 1960s. In 1968, Weyerhaeuser purchased 430 acres of land for its corporate headquarters, which opened in April 1971 (Caster, 2007). Federal Way was incorporated as a city in 1990.

The property at 2101 South 324th Street in Federal Way, Washington, which is a clubhouse for a mobile home park constructed in 1966, is not eligible for listing in the NRHP. The property is not eligible for the NRHP under Criterion A, which applies to buildings that are associated with events that have made a significant contribution to the broad patterns of history, as no significant events are associated with this property. To be eligible for the NRHP under Criterion B, a property must be directly associated with a person considered significant within a historic context whose specific contribution to history has been both identified and documented. No such person who meets that definition is linked to this building. The property is not eligible for the NRHP under Criterion C as it is a typical mid-twentieth century building and does not embody the distinctive characteristics of a type, period, or method of construction; it is not the work of a master and does not possess high artistic value. The property is not eligible for the NRHP under Criterion D for information potential because the materials and construction methods of the building do not convey important information that could contribute to understanding history or prehistory. Therefore, the property is not eligible for listing in the NRHP because it does not meet any of the eligibility criteria. In addition the property is altered including the replacement of the original roof and some windows and a large addition. As a result, the building has lost integrity of materials and design. The building retains integrity of workmanship, setting, location, feeling, and association.

Physical description: 2101 South 324th Street is a one-story, wood frame, 6,510-square foot clubhouse constructed in 1966 that is associated with the Belmor Park mobile home community. The irregular plan building, which is constructed on a poured concrete foundation and has a 1,290-square foot finished basement, is primarily clad in wood board and batten siding. Non-original metal shingles cover the large cross gabled roof with deep open eaves. All of the visible windows contain fixed, single-lights. The building is composed of two parts: the T-shaped original building and a large rectangular plan building that extends from the south elevation of the east wing. The date of the addition is unknown. Two sets of double glass and metal doors are located in the center of the front (north) elevation and serve as the main entrance. This center section of the façade, which is covered by the primary front gabled roof, projects out and has a double-height with large, exposed rafter tails under the open gable. A large interior slope stone chimney protrudes from the west side of the roof over the central entrance. Above the two sets of double doors is a row of four, large, fixed, singe-light quadrilateral windows that extend from the top of the entrance to just under the roof. The east and west elevations of the projecting entrance area each contain two levels of windows, each with three, fixed, single-light windows. Behind the main entrance, the south end of the front gabled roof widens to cover the clubhouse's wider, central section. Wings extend east and west from the center of the building's east and west elevations, creating a T shape. The side wings are covered by side gabled roofs that cross the primary front gable. The north elevation of the west wing contains two adjacent rows of four, fixed, single-light windows, while the north elevation of the east wing contains no fenestration. A small, rectangular plan addition likely used for storage extends from the east elevation of the east wing and is covered by a hipped roof with a lower roof height. The small addition's east elevation contains a vehicle bay with a retractable metal door. A large, rectangular plan addition extends from the south elevation of the small storage addition and is covered by a steeply pitched, corrugated metal, front gabled roof with flush eaves. The exterior walls, which are primarily clad in board and batten siding, extend into low parapets on the gabled (north and south) elevations. The center of the large addition's east elevation contains four pairs of large, fixed, single-light windows that extend the entire height of the exterior wall. A circular road surrounds the property, which includes a front parking area, several concrete walking paths, and green space. A small driveway leads to the circular road from South 324th Street, passing a small gatehouse. The gatehouse has a front gabled roof covered in metal shingles and exterior walls clad in board and batten siding. The north and west elevations of the gatehouse each contain a replacement two-light horizontal sliding window. According to the King County Assessor's website, a 10 by 20-foot building used as a cable/internet building to service the golf club and its members was constructed on the property circa 2007. The small service building is not visible from the public right-of-way. The residential community, which contains 331 property lots, is located south of the clubhouse on 62.74 acres of land. The mobile homes were all built between 1964 and 2012.

Bibliography:

Boyles, E. 2010. The Suburb. Selected Cultural and Historical Geographies of the Greater Seattle Area. Available at: https://sites.google.com/site/alinehistoryprojectsite/home/line-b/community-identities--bellevue-and-redmond/the-suburb. Accessed March 18, 2013.

Caster, D. 2007. Historical Society of Federal Way Timeline. Available at: http://www.federalwayhistory.org/timeline.php. Accessed March 15, 2013.

Des Moines Historical Society. 2007. Time Line Page. Available at: http://www.dmhs.org/timeline/history.html. Accessed March 13, 2013.

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U.S. Route 99 – The Pacific Highway. 2013. Waymarking: A Groundspeak Website. Available at: http://www.waymarking.com/cat/details.aspx?f=1&guid=698ed7e3-3af8-4cd0-a795-03b89a23288e&exp=True. Accessed March 19, 2013.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Inventory Details - 6/26/2020

Common name:

Date recorded: 6/26/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Inventory Details - 10/5/2020

Common name:

Date recorded: 10/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative: The Belmor Mobile Home Park (which the community has renamed Belmor Park Golf & Country Club) was constructed in 1966 by a joint venture of Sherwood Development Company and San Juan Homes. Jack Woodman designed the clubhouse, which Gavin Brown constructed. Raymond Coleman built the golf course. Additional building and engineering were completed by Mallory Company of Woodinville, Hugh Goldsmith Associates, and Turf and Toro, who engineered the sprinkler system (Seattle Times 1966a). In response to a previous historic property inventory form, the Federal Transit Authority (FTA) determined the primary permanent building in the Belmor Mobile Home Park, the clubhouse (1966), not eligible for listing in the NRHP in 2014 (DAHP 2020). However, the clubhouse is only one element of a site that includes additional associated buildings, structures, and sites that could, potentially, qualify as a historic district.

As described by the National Park Service, a historic district “possesses a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united historically or aesthetically by plan or physical development” (NPS 1997). In addition, historic districts consist of contributing and non-contributing resources thematically linked by architectural style or designer, date of development, distinctive urban plan, and/or historic association (NPS 1997).

Belmor Mobile Home Park is most appropriately evaluated as a potential historic district with a variety of buildings, structures, and sites that could potentially qualify as contributing resources to a district united historically by plan and physical development. The Belmor Mobile Home Park includes:
- a clubhouse (1966)
- 336 mobile homes (1964–2020);
- a designed neighborhood and landscape with associated circulation patterns (1966);
- a nine-hole golf course (1966);
- a garage and maintenance shed (1966);
- the Belmor Mobile Home Park site.

Integrity of the Belmor Mobile Home Park
According to NPS guidance for evaluating historic districts, "for a district to retain integrity as a whole, the majority of the components that make up the district's historic

character must possess integrity even if they are individually undistinguished. In addition, the relationships among the district's components must be substantially unchanged since the period of significance" (NPS 1997). Integrity evaluation takes into account the impact of intrusions into the potential district, their size, scale, design, and relative number. "The majority of the components that add to the district's historic character, even if they are individually undistinguished, must possess integrity, as must the district as a whole" (NPS 1997). Additionally, "a district is not eligible if it contains so many alterations or new intrusions that it no longer conveys the sense of a historic environment" (NPS 1997).

The Belmor Mobile Home Park is made up of numerous resources. Integrity is assessed first for each resource and then for the subdivision as a whole. In the case of a resource type with multiple examples, namely the mobile homes themselves, which are inherently impermanent and most appropriately understood collectively, one integrity statement is made for the entire resource type, as per DAHP recommendations during consultation.

Clubhouse (1966): The clubhouse retains integrity of location, setting, workmanship, feeling, and association, as it remains in place and continues to serve as a recreational amenity for the surrounding development. The replacement of the roof and some windows, along with a large addition (natatorium), have diminished its integrity of design and materials, as indicated in a 2014 evaluation that led FTA to determine that the clubhouse was not eligible for listing in the NRHP (DAHP 2020).

336 mobile homes (1964–2020): Approximately 35 percent of existing homes date to the historic period (1975 or earlier), and many of those have been renovated, according to the King County Assessor. Survey indicates that the park's mobile homes no longer retain the character-defining features of historic-period examples, including compact massing, metal siding and windows, and rectangular plans with minimal or non-existent porches and stoops. Additionally, more than 65 percent of the historic-period resources have been lost. Based on the significant loss of original material, the remaining mobile homes, as a group, retain integrity of location, setting, and association, but have lost integrity of design, materials, workmanship, and feeling.

Designed neighborhood and landscape with associated circulation patterns (1966): The subdivision landscape retains much of its original layout, including its character-defining circulation patterns, and angled parking pads for trailers and mobile homes that sit side-by-side alongside paved, curvilinear roadways. Walking/golf cart paths circulate through the development and through golf course fairways. Landscaping includes mature trees, lawns, and other plantings. The neighborhood, roads, landscaped areas, and paths that serve the subdivision retain integrity of location, setting, materials, workmanship, feeling, and association. The addition of wastewater management facilities within former green spaces have slightly diminished the landscape's integrity of design.

Nine-hole golf course (1966): Belmor Mobile Home Park was designed around the five fairways of a nine-hole golf course, all of which remain in place and retain their character-defining greens and sand pits. Additionally, a putting green remains near the clubhouse. The golf course retains integrity of location, although the replacement of historic-period mobile homes and the addition of water retention facilities on its perimeter have diminished its integrity of setting and design. The golf course retains integrity of location, materials, workmanship, feeling, and association.

Garage and maintenance shed (1966): The garage and maintenance shed at the

southwest end of the development have been altered by additions and replacements and no longer retain their character-defining plan and materials. The garage and maintenance shed retain integrity of location, setting, feeling, and association, but have lost integrity of design, materials, and workmanship.

The Belmor Mobile Home Park's exterior site is located in a developed section of Federal Way and is now surrounded by residential and commercial development from the late twentieth century. Based on construction that replaced the forest that once surrounded Belmor and contributed to the site's character, the subdivision site appears to retain integrity of location, design, materials, workmanship, feeling, and association, although it has lost integrity of setting, .

Evaluation
Belmor Mobile Home Park is best understood within the local, state, and national context associated with the housing boom that post-dated World War II in the United States. Development in King County boomed, and developers built extensive subdivisions for Seattle's growing labor force. As noted by the Seattle Times' Real Estate writer and editor, Alice Staples, "It was soon after the Second World War that the bulldozer became infamous as it crashed its way through the virgin areas, and builders rushed to provide the needed housing. Everything fell in the wake of the huge machines. Lot by lot, the forest receded and the buyers lost the backdrop of trees which had framed their houses when they bought. Suddenly, they were in raw new subdivisions" (Staples 1968).

History of Mobile Home Developments:
While many post-war subdivisions were constructed for single-family residences, mobile home parks in Washington, either for travel trailers or more permanent mobile homes, date to as early as 1945, when the Barnes Automobile Trailer Camp was constructed in Vancouver, Washington. WISAARD states that FTA determined the development not eligible for listing in the NRHP in 2008. WISAARD documents three additional trailer parks from the 1940s and 1950s, all of which have been determined not eligible for listing in the NRHP. These include the Coast Post Trailer Park in Olympia, which was constructed in 1948 and determined not eligible for listing in the NRHP by DAHP in 2016; the Riverbend Mobile Home Park outside Renton, constructed in 1957 and determined not eligible for listing in the NRHP by DAHP in 2018; and the Tip Top Mobile Home Park in Kent, which began with a single-family residence and expanded into a collection of cottages and trailers at an unknown date. FTA determined the Tip Top Mobile Home Park not eligible for listing in the NRHP in 2014 (DAHP 2020). Based on WISAARD records and aerial photographs, these mobile home parks appear to remain in place today.

By the late 1950s and early 1960s, housing developments of all kinds, including mobile home subdivisions, became increasingly common throughout Washington and the country, and many of them incorporated recreational amenities. In 1958, for example, John F. Long of Home Builder, Inc., provided a plan for a subdivision of single-family homes grouped around green spaces, each of which held a fairway of an integrated nine-hole golf course. Like the future Belmor development, Long's subdivision plan was generally square, with limited access from exterior streets and curvilinear roadways throughout the interior. The golf course's first three holes were centrally located, while the final six were located along narrow fairways bordered by single-family homes throughout the surrounding development (Rosenthal 1960). Referred to as "golf course subdivisions," developments like this heightened property values for developers and grew increasingly popular with buyers. As described by the American Society of Planning Officials, "the fairways are located in the interior of the blocks. Homes are built in the

conventional side-by-side manner, but the rear lot lines adjoin the golf course itself. One reason for building this type of subdivision is the additional value imputed to each lot, which, according to a study by the Urban Land Institute, has been estimated at approximately $2,000 for an average lot" (Rosenthal 1960).

In response to the growing popularity of "golf course subdivision," new single-family residential developments increasingly integrated clubhouses, pools, and golf courses into their neighborhood plans. Mobile home parks, however, were often a harder sell for developers than single-family residential developments and less likely to feature high-end amenities. Considered a low-cost option for housing new arrivals, and particularly those with children, mobile home or trailer parks were touted by builders but unpopular with surrounding residents. According to a Seattle Times article on the pros and cons of mobile home parks in commercial and light manufacturing zones, developers complained about their limited (and expensive) land options and the public's knee-jerk negative response to mobile home projects. “About the only contribution the public has made so far is to protest each time a mobile-home park is proposed, a developer said” (Staples 1966).

While developers sought to create more mobile home subdivisions, mobile homes themselves also evolved throughout the 1960s, becoming more permanent and losing the “mobility” for which they were known. They grew larger, more comfortable, and were soon seen as a permanent housing option for those retiring, those just growing their young families, and those who wanted a close-knit community but didn’t want to maintain a large yard.

Developers, perhaps in response to these conditions, began designing upscale examples of mobile home parks in the 1960s, some of which prioritized recreational opportunities, a trend already popular in subdivisions in vacation destinations like Florida, where Temple Terrace Estates, considered one of the first golf course communities, had invited wealthy owners to live and play golf since the 1920s--as it does today (Hostetler 2011). In 2013, Temple Terrace became the first 18-hole golf course in Florida to be listed in the NRHP (Reams 2013). In 1960, Tucson Estates, a mobile home park in Arizona, was master-planned to include 1,684 mobile home lots, some of which were adult only, as well as an 18-hole golf course (Tucson Estates 2020). Tucson Estates, which remains in place today, was highlighted by planner Frederick H. Bair Jr. in a 1960 professional paper for the American Society of Planning officials (Bair 1961). By 1960, according to Bair, ten percent of new non-farm single-family dwellings were mobile homes, up from seven percent in 1955. While municipalities rushed to create codes, standards, and regulations for mobile home subdivisions, planners worked on the effort to integrate them into existing communities. By 1960, there were approximately 50 mobile home subdivisions in America, according to Bair, "of which a small part are very good and most are not" (Bair 1961).

As mobile homes were hardly mobile anymore, Bair thought their neighborhoods were more appropriately understood as subdivisions. Therefore, good mobile home subdivisions should echo neighborhoods, including clusters, cul de sacs, loops and courts with narrow roads, and walking paths through the grounds. Quiet, private areas should be available, and cars should move slowly and carefully. "And the trees should be there, not only to discourage hot-rodding adolescents of all ages, but as part of a carefully preserved (if possible) and carefully planted (if not) general landscaping. Nothing builds more character into a subdivision than trees, and nothing about a subdivision grows more slowly. A good subdivision should have a general landscaping plan as well as a plan

for streets and lots, and the landscaping plan should start early, making the most of the native vegetation and the natural topography" (Bair 1961).

Bair also noted that these subdivisions needed amenities for residents, and that mobile home subdivisions should follow the best practices of single-family residential developments, following, for instance, professional literature like G. H. Crabtree Jr.'s "Developing Golf Course Subdivisions," published in the September 1958 issue of the Urban Land Institute's Urban Land newsletter. While it is not clear if Washington developers relied on papers like Crabtree's, the design of Belmor suggests that it followed a growing body of literature on the topic of subdivision design.

Mobile Home Subdivisions in Washington:
Washington state may not have had the sunny reputation of Florida or the southwest, but by 1961, King County had its own upscale mobile home subdivision and numerous other developments with their own golf courses. Bow Lake Trailer Town in SeaTac was constructed by 1961, five years ahead of Belmor, and offered "enclosed playground, modern exclusive private club and recreational center with swimming pool, dancing, game rooms, shuffle boards, golf green, horse shoe, etc., plus a modern shopping center all within the park" (Seattle Times 1961). Bow Lake Trailer Town did not accept children at all or pets without leashes. It was, according to the Seattle Times, "oriented toward middle-aged or retired couples" (Andrews 1972). Today, aerial photos show that the Bow Lake mobile home park remains on the edge of Sea-Tac International Airport and includes an activities center and a large, naturalistic park, although no golf course is evident. Soon after, in 1962, four years before Belmor was constructed, the Seattle Times ran ads for the new Crossroads Village Apartments in Bellevue, which included a golf course on its list of amenities along with a pool and wall-to-wall carpeting (Seattle Times 1962). The Crossroads Par 3 Golf Course remains today. Other examples included Lakeway Mobile Estates, a 100-unit mobile home park near Bellingham, which was constructed, like Belmor, in 1966, and advertised as fronting on a golf course with additional recreational facilities including "swimming pool, recreation hall, community kitchen, workshop and putting area" (Seattle Times 1966b). While the mobile home park remains, the Lakeway Golf Course does not. The enthusiastic development of new golf courses in the area was noted in a 1967 Seattle Times article that detailed Belmor's construction and claimed that "golf course construction in the Seattle metropolitan area is going ahead at a hectic, unprecedented pace. Investors trying to keep abreast of the region's economic boom are pouring millions into 12 new courses" (Seattle Times 1967a).

By 1966, when Sherwood Development Company was finishing Belmor, the company had already created four other high-profile residential developments around and through golf courses in King County. Belmor Mobile Home Park was the only one of the five for mobile homes (Staples 1966). Additionally, Sherwood developed Fairwood, also opened in 1966, a residential community of 565 single-family homes built around and through a golf course in Maple Valley that was praised for its selective development around existing trees; Tam O'Shanter, built as a single-family residential neighborhood around a golf course and park in Bellevue in 1965; Brae Burn, a single-family residential neighborhood built around a golf course in Redmond; and Twin Lakes in Federal Way, also a community of single-family homes constructed in the mid-1960s around a golf course. All five communities remain in place today. While all four single-family golf course subdivisions attribute their golf courses to popular landscape architect, William G. Teufel, research did not reveal that Teufel contributed to the design of Belmor's golf course.

Sherwood Development Company placed Belmor Mobile Home Park in an area that was once a forested, undeveloped section of Federal Way. The company cleared the land and constructed the development with sections reserved for families and adults, although at times, the development appears to have been entirely adult-only (Seattle Times 1967b). Today, Belmor has evolved into a retirement community for individuals aged 55 years and older.

Eligibility

Belmor Mobile Home Park, evaluated here as a potential historic district made up of multiple resources, is indicative of local, state, and national trends in the development of new housing during the post-war boom in the United States, including the development of golf course subdivisions. It was, like other mobile home parks and single-family developments of the era, responsive to trends in subdivision planning and recreation. However, to be eligible under Criterion A, Belmor would have to have an "important" association with historic events. Belmor, while a good example of a 1960s mobile home park, is not important as either the first or the only one of its type in King County. However, it appears to follow closely the designs of earlier subdivisions, including Long's 1958 plan for a golf course subdivision. The development postdates developments like Bow Lake by five years, and was only one of five golf course communities constructed by the same developer in the mid-1960s. The development provided a lower cost, attractive neighborhood with recreational amenities, and has local significance under Criterion A for its association with events and trends that made a contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). Belmor Mobile Home Park was designed to resemble typical subdivisions of the era and included curvilinear streets, minimal through-traffic, added green space, and additional recreational amenities like a clubhouse and golf course, all elements typical of subdivisions of the era (McAlester 2013:68). However, significant examples of mid-century subdivisions generally include housing stock of the same era. Belmor Mobile Home Park is no longer characterized by the 1960s and 1970s mobile homes typical of the late historic period. Belmor Mobile Home Park is a small, modest neighborhood primarily filled with non-historic mobile homes grouped around simple, integrated fairways. It does not possess the distinctive characteristics of its type, period, or method of construction. Additionally, the mobile home park's golf course is functional but does not include the distinctive elements of significant public or private golf courses. NRHP-listed examples, for instance, often date from the 1920s, the "golden era" of golf course design, or earlier. They are usually laid out to respond to an area's unique topography, with special emphasis on views, vegetation, and/or natural water features, as well as a mix of design elements to add challenges to each round. In contrast, Belmor appears to be a small, functional golf course of straight fairways and modest design. Additionally, Belmor does not possess a history of design awards or hosted tournaments, or an association with a master designer. The golf course is attributed to Raymond Coleman in an early Seattle Times article, but Coleman does not appear in lists of Washington architects or designers and does not appear to be a master of golf course design. Other local subdivisions by Sherwood include golf courses designed by well-known landscape architect William G. Teufel, but research did not reveal that Teufel is responsible for Belmor's design. Archival research did not reveal anything more about the designer of the golf course or the surrounding development that would identify it as a distinctive example of its particular type, period, or method of construction. It does not appear to represent the work of a master, or to possess high artistic values. It does not represent a significant and distinguishable entity whose components may lack individual distinction

(i.e., contribute to an existing or potential district) (Criterion C). Finally, the mobile home development and its architectural resources were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Belmor Mobile Home Park, evaluated here as a potential district, is locally significant under Criterion A for its association with development trends in Washington and throughout the United States during the historic period (1966 to 1975). Its contributing resources, were the district eligible, would include the subdivision's designed neighborhood and landscape with associated circulation patterns; golf course; clubhouse; maintenance shed; and collection of mobile homes. However, based on a loss of integrity, particularly the loss of historic-period motor homes and alterations to its clubhouse and maintenance shed, the subdivision "contains so many alterations or new intrusions that it no longer conveys the sense of a historic environment" (NPS 1997). As noted above, the NPS requires that the majority of components that make up a potential district's historic character must possess integrity, and the relationship between the components must be substantially unchanged. In the Belmor Mobile Home Park, the subdivision's neighborhood landscape and golf course retain sufficient integrity to contribute to a potential district; but the clubhouse, the great majority of the mobile homes, and the maintenance shed have lost integrity and would not be eligible as contributing resources to a potential historic district. As the subdivision's designed neighborhood, landscape, and golf course are not sufficient in and of themselves to qualify as a historic district within the Belmor Mobile Home Park site, HRA recommends that the Belmor Mobile Home Park is not eligible for listing in the NRHP under any criteria.

Physical description: According to the King County Assessor, the Belmor Mobile Home Park, addressed as 2101 S 324th Street, was constructed in 1966. It is located on 62.74 acres and includes two permanent buildings, a clubhouse and maintenance building, both constructed in 1966 (King County Assessor 2020). Newspaper articles note that the development was constructed with 336 mobile home spaces (Seattle Times 1966a). Today, according to the King County Assessor:

• 118 mobile homes (approximately 35 percent of the total) date to 1975 or earlier;
• 218 mobile homes (approximately 65 percent of the total) host newer mobile homes or are vacant;
• 82 of the newer mobile homes (approximately 25 percent of the total) date from 2000 or later; and
• at least 10 mobile homes have been remodeled since 2000.

The development is located on an irregularly shaped parcel directly west of I-5, south of The Commons at Federal Way, and to the east and north of commercial and residential development. The mobile home park is gated and accessible via one entrance off S 324th Street, where a circular road around the clubhouse leads to paved roads throughout the development, all of which are somewhat curvilinear and lined with diagonal parking spaces for mobile homes, most of which are filled. Lines of mobile homes are grouped around the perimeter of green spaces, all of which include golf holes. The golf greens are long, maintained lawns that include some paved pathways and one to two holes, each with one to two associated sand traps. Additionally, the development includes two catchments or stormwater storage facilities planted with trees and shrubs and secured with fencing. Additional landscaping is minimal but includes a small number of benches

with associated plantings and a terraced slope with benches and shrubs at the site's southwest corner. Additionally, the site includes some trees and planting strips along some paths, on slopes, as boundaries or privacy screens within the development, and in the secured catchments.

The development's clubhouse was surveyed in 2014, at which time the FTA determined it not eligible for listing in the NRHP under any criteria due to a lack of significance and integrity (DAHP 2020). As noted previously, the building is irregular in plan, constructed on a poured-concrete foundation, and includes a basement. It is clad in board-and-batten, and topped by a cross-gabled metal roof with deep eaves. Windows are large, fixed, single lights, and two sets of double doors are located on the facade, which faces north toward parking. The building includes a large addition to the southeast. Previous surveyors did not provide a date of construction for the addition. However, aerial photographs indicate that it was added between 1998 and 2006 (NETROnline 2020). The addition is a rectangular natatorium with some board-and-batten siding but primarily walls of floor-to-ceiling windows.

The second permanent building is an irregularly shaped garage and maintenance shed at the southwest corner of the site on a large, paved pad. The building includes two front-gabled, wood-framed buildings with overhead or swinging garage doors attached to a flat-roofed central bay and including a large shed-roofed mass to the rear, as well as a temporary gambrel-topped storage shed on skids. The building is clad in a combination of vertical boards and wood sheet and is topped by a combination of corrugated metal and asphalt shingles.

The mobile homes themselves vary in size, style, and materials, although many appear to be new or recently renovated with concrete board siding, vinyl windows, and covered porches.

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Historic Property Report

Resource Name: Residence

Property ID: 400003

Location

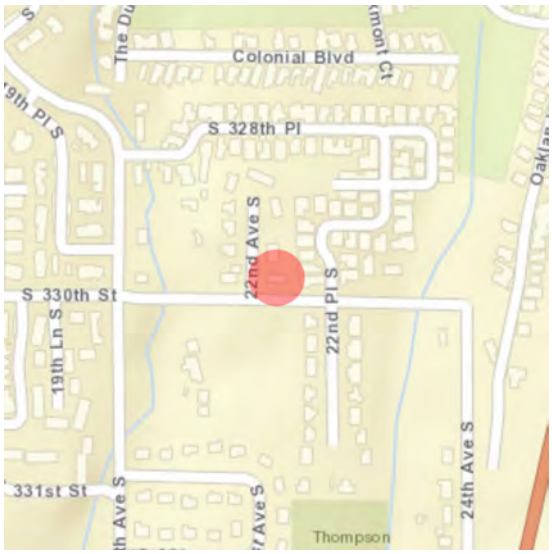

Address:	2206 S 330TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	1035700110
Plat/Block/Lot:	BRADS ASSESSORS PLAT OF& 5 FT STRIP ADJ ON W
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E16

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1956	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 400003

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/17/2020	Survey/Inventory	

Photos

2206 S 330th St, view northeast

2206 S 330th St, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 400003

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 1035700110

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2206 S 330th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1956 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 400003

Inventory Details - 4/17/2020

Common name:

Date recorded: 4/17/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Brick
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Plan	Rectangle
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1956), the residence at 2206 S 330th Street retains integrity of location, setting, feeling, and association, although alterations, including door replacement, incompatible roof replacement, and a garage addition, have diminished its integrity of design, materials, and workmanship.

Evaluation

The residence at 2206 S 330th Street was constructed in 1956. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a common post-World War II residence with modest architectural character, heavily altered by an addition (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 2206 S 330th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 2206 S 330th Street was constructed in 1956 (King County Assessor 2020). Based on a review of historic aerial photographs, the detached garage on the east elevation was constructed in the mid-1990s (NETROnline 2020). The single-story, rectangular residence faces south toward S 330th Street . It sits on a poured-concrete foundation, is clad in brick, and is topped by a side-gabled corrugated metal roof. The building's main facade features a wide brick chimney, a replaced front door, and a corner window at the southwest corner. The windows on all elevations are aluminum framed. On the east elevation, the detached garage sits on a poured-concrete foundation, is clad in vertical boards or wood sheet, and is topped by a front-gabled asphalt roof. It is attached to the residence by a breezeway.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 307784

Location

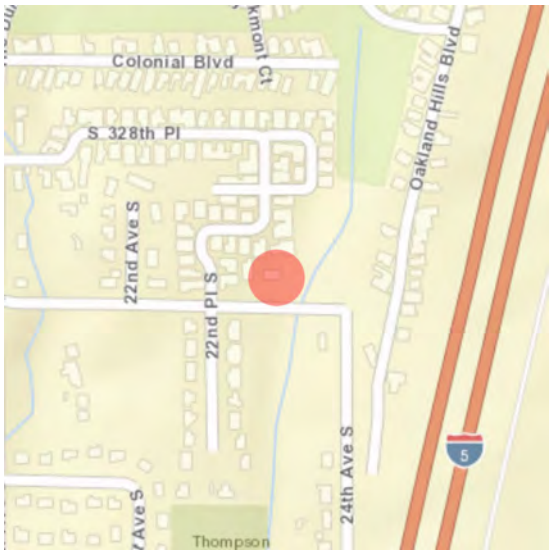

Address:	2232 S 330TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	7978800580
Plat/Block/Lot:	STATE PLAT SUPL IN SEC 16-21-4S 120 FT OF W 1/2 -
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 307784

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 307784

Photos

2232 S 330th Street

2232 S 330th Street

Historic Property Report

Resource Name: Residence

Property ID: 307784

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978800580

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2232 S 330th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1950 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 307784

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Plan	Rectangle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1950), the residence at 2232 S 330th Street retains integrity of location and setting, although alterations including recladding and window replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 2232 S 330th Street was constructed in 1950. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest post-World War II residence with the massing of an early Ranch or Cape Cod and few character-defining features from the historic period apart from its plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 2232 S 330th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 2232 S 330th Street was constructed in 1950 (King County Assessor 2020). The single-story, rectangular residence sits atop a daylight basement and faces south toward S 330th Street. It is built into the side of a hill. It sits on a poured-concrete foundation, is clad in wood clapboard, and is topped by a side-gabled asphalt roof. On the east side of the building is a large wood deck that serves as the roof over a carport. The building's main facade features an elevated entry porch with concrete steps and wood railing leading from the carport. There are vinyl-framed windows on all visible elevations. There is a tall privacy fence along the south and west sides of the property obscuring views of the building.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 308853

Location

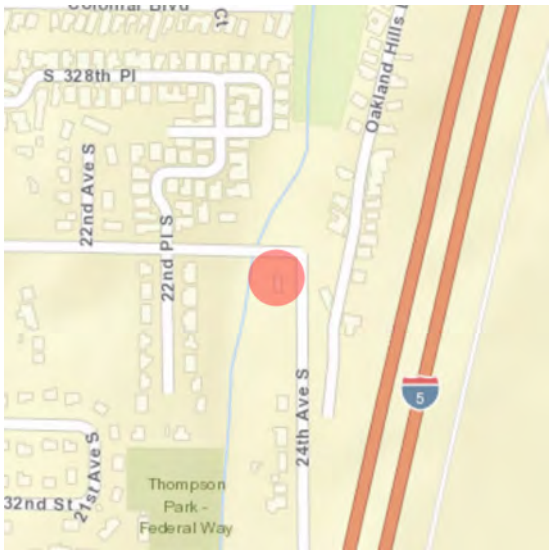

Address:	33003 24TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	7978800682
Plat/Block/Lot:	STATE PLAT SUPL IN SEC 16-21-4N 129.85 FT OF E 116
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 308853

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/8/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 308853

Photos

33003 24th Avenue S, view northwest.JPG

33003 24th Avenue S, view southwest.JPG

Historic Property Report

Resource Name: Residence

Property ID: 308853

Inventory Details - 7/8/2011

Common name:

Date recorded: 7/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978800682

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 33003 24th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1951 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 308853

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Cladding	Wood - Shingle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), 33003 24th Avenue S retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a loss of all historic-period windows, doors, and cladding, which have been either altered or covered, and the encroaching construction of I-5. The building retains integrity of location.

Evaluation

The building at 33003 24th Avenue S was constructed in 1951 and does not appear to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends 33003 24th Avenue S does not retain integrity from its period of construction (1951) and does not meet any criteria for listing in the National Register of Historic Places or Washington Heritage Register.

Physical description:

Built in 1951, the residential building at 33003 24th Avenue S fronts east (King County Assessor 2020). The one-story, rectangular building sits on a poured-concrete foundation and is clad in a combination of horizontal board, vertical T1-11, and shingles (wood or composition). The building is topped by a side-gabled roof clad in asphalt roofing. Windows throughout are vinyl framed in altered fenestration. The building features a sliding glass front door beneath a gabled porch. An attached garage is located on the south side of the building.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 397256

Location

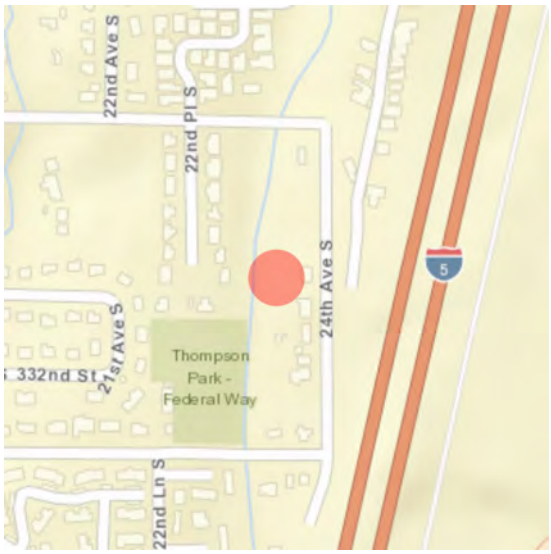

Address:	33035 24TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	7978800679
Plat/Block/Lot:	STATE PLAT SUPL IN SEC 16-21-4N 85 FT OF S 185 FT
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E16

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1957	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 397256

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	6/4/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/6/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 397256

Photos

33035 24th Avenue S, view northwest.jpg

33035 24th Avenue S, view southwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 397256

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978800679

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 33035 24th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1957 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 397256

Inventory Details - 2/6/2020

Common name:

Date recorded: 2/6/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Cladding	Wood - Board & Batten
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1957), 33035 24th Avenue S retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a loss of all historic-period windows, doors, and cladding, which have been either altered or covered, and the surrounding construction of heavy commercial development. The building retains integrity of location.

Evaluation

The residential building at 33035 24th Avenue S was constructed in 1957 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates, Inc. recommends 33035 24th Avenue S does not retain integrity from its period of construction (1957) and is not eligible under any criteria for listing in the National Register of Historic Places or Washington Heritage Register.

Physical description:

Built in 1957, according to the King County Assessor, the residential building at 33035 24th Avenue S fronts east (King County Assessor 2020). The one-story, rectangular building sits on a poured-concrete foundation and is clad in a combination of board-and-batten and wood shingles. The building is topped by a side-gabled roof clad in asphalt roofing. Windows throughout are vinyl-framed in altered fenestration. The building was likely originally constructed with a garage on the north side of the east face, which has been converted to living space.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 6/4/2020

Common name:

Date recorded: 6/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 304377

Location

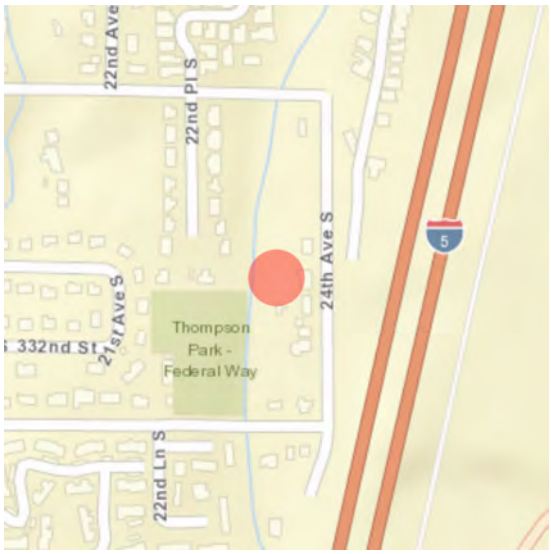

Address:	33049 24TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	7978800681
Plat/Block/Lot:	STATE PLAT SUPL IN SEC 16-21-4S 100 FT
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 304377

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Photos

33049 24th Avenue S, view west.JPG

33049 24th Avenue S, view northwest.JPG

Historic Property Report

Resource Name: Residence

Property ID: 304377

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978800681

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 33049 24th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1948 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1993. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 304377

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), 33049 24th Avenue S retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a loss of all historic-period windows, alterations to the massing via the large addition to the north, and the encroaching construction of I-5. The building retains integrity of location.

Evaluation

The building at 33049 24th Avenue S was constructed in 1948 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends 33049 24th Avenue S does not retain integrity from its period of construction (1948) and is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

Built in 1948, the residential building at 33049 24th Avenue S fronts east (King County Assessor 2020). The one-story, rectangular building sits on an unknown foundation and is clad in wood clapboard. The building is topped by a side-gabled roof clad in asphalt roofing; the roofline rises to the north, evidence of a large addition to the rear and, possibly, north. Windows throughout are vinyl framed in altered fenestration. The entry is located in a recessed porch. The former garage (on the south end of the east face) was converted to living space.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 316362

Location

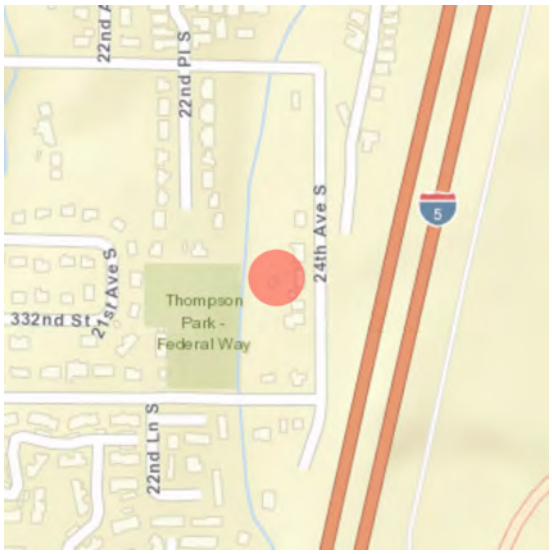

Address:	33111 24TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	7978200164
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 N 77.42 FT OF E 224.34 F
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 316362

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/9/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/14/2020	Survey/Inventory	

Photos

33111 24th Avenue S, view northwest.jpg

33111 24th Avenue S, view southwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 316362

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200164

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 33111 24th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1968 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 316362

Inventory Details - 2/12/2020

Common name:

Date recorded: 2/12/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - Board & Batten
Cladding	Wood
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Foundation	Concrete - Poured
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1968), 33111 24th Avenue S retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a loss of all historic-period windows, doors, and some cladding, which have been either altered or covered, and the encroaching construction of I-5 to the west. The building retains integrity of location.

Evaluation

The building at 33111 24th Avenue S was constructed in 1968 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends 33111 24th Avenue S does not retain integrity from its period of construction (1968) and is not eligible under any criteria for listing in the National Register of Historic Places or Washington Heritage Register.

Physical description:

Built in 1968, the residential building at 33111 24th Avenue S fronts east (King County Assessor 2020). The one-story, rectangular building sits on a poured-concrete foundation and is clad in a combination of vertical board-and-batten and horizontal wood siding. The building is topped by a side-gabled roof clad in asphalt roofing. A carport is located beneath the roof on the south face, where a chimney breaks the roof at the ridge. Windows are a combination of vinyl- and aluminum-framed, all in altered fenestration. The front door is fiberglass with a decorative arch light.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 316362

Inventory Details - 2/14/2020

Common name:

Date recorded: 2/14/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 316362

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 721218

Location

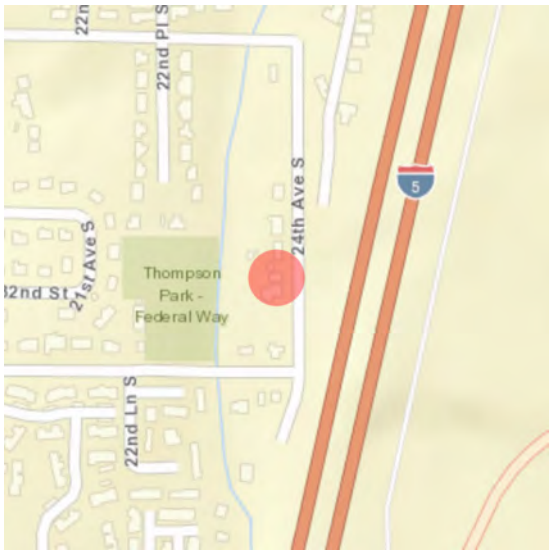

Address: 33211 24th Ave S, Federal Way, Washington, 98003

Geographic Areas: POVERTY BAY Quadrangle, T21R04E16, King County

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721218

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/14/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721218

Photos

33211 24th Avenue S, view west.JPG

33211 24th Avenue S, view northwest.JPG

Historic Property Report

Resource Name: Residence

Property ID: 721218

Inventory Details - 2/14/2020

Common name:

Date recorded: 2/14/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Side Gable
Cladding	Wood - Clapboard
Structural System	Wood - Platform Frame
Foundation	Concrete - Poured

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1975), 33211 24th Avenue S retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a loss of all historic-period windows and, likely, cladding, which have been either altered or covered, and the encroaching construction of I-5. The building retains integrity of location.
Evaluation
The building at 33211 24th Avenue S was constructed in 1975 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends 33211 24th Avenue S does not retain integrity from its period of construction (1975) and is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description: Built in 1975, the residential building at 33211 24th Avenue S fronts north away from the street (King County Assessor 2020). The one-and-one-half-story, rectangular building sits on a poured-concrete foundation and is clad in horizontal board siding. The building is topped by a side-gabled roof clad in asphalt roofing. Windows throughout are vinyl framed, likely in altered fenestration. The central entry on the north face is located beneath a shallow shed roof projection. A detached garage with a side-gabled roof is located to the north.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 721218

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 309382

Location

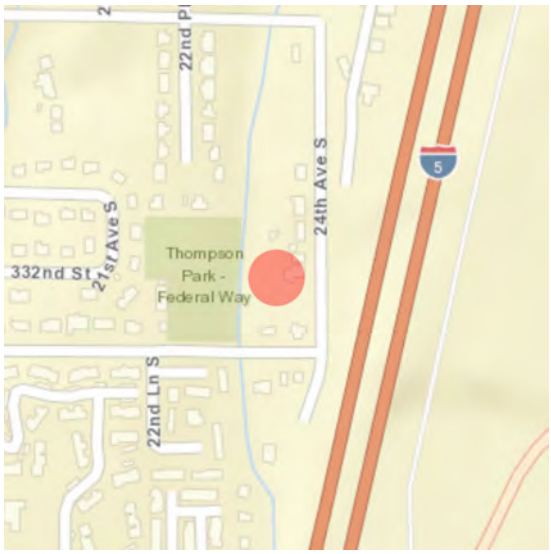

Address:	33217 24TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	7978200167
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 LOT A OF KING CO SHORT S
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 309382

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/8/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 309382

Photos

33217 24th Avenue S, view northeast.JPG

33217 24th Avenue S, view northwest.JPG

Historic Property Report

Resource Name: Residence

Property ID: 309382

Inventory Details - 7/8/2011

Common name:

Date recorded: 7/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200167

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 33217 24th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1969 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 309382

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1969), 33217 24th Avenue S retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a perceived loss of all historic-period windows and cladding, the conversion of a garage to living space, and the encroaching construction of I-5. The building retains integrity of location.
Evaluation
The building at 33217 24th Avenue S was constructed in 1969 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends 33217 24th Avenue S does not retain integrity from its period of construction (1969) and is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria .

Physical description: Built in 1969, the residential building at 33217 24th Avenue S fronts east (King County Assessor 2020). The L-shaped, one-story building sits on a poured-concrete foundation, is clad in horizontal wood clapboard siding, and is topped by a side-gabled roof clad in asphalt roofing. Windows throughout are aluminum framed, likely in altered fenestration. The projecting massing on the north was constructed as a garage but was then converted to living area at an unknown date, according to plans provided by the King County Assessor (King County Assessor 2020). The former garage has a pedestrian entrance on the north side. A second front entrance is located on the main massing.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 311005

Location

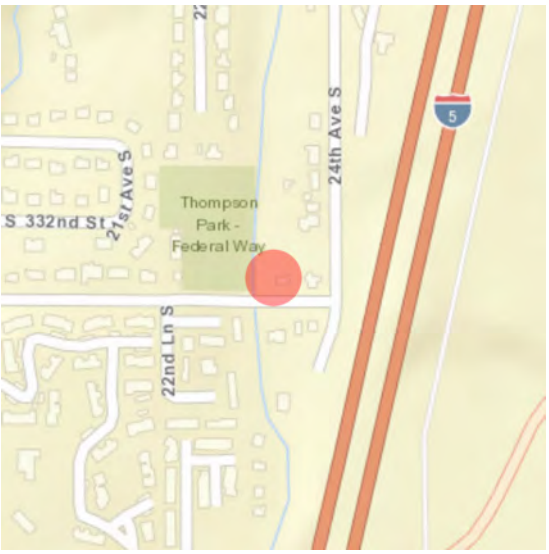

Address:	2238 S 333RD ST, FEDERAL WAY, WA
Tax No/Parcel No:	7978200166
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 LOT C OF KC SP LESS E 20
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 311005

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/8/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/17/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 311005

Photos

2238 S 333rd St, view north

2238 S 333rd St, view northeast

Historic Property Report

Resource Name: Residence

Property ID: 311005

Inventory Details - 7/8/2011

Common name:

Date recorded: 7/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200166

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2238 S 333rd Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1968 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Resource Name: Residence

Property ID: 311005

Inventory Details - 4/17/2020

Common name:

Date recorded: 4/17/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Split Level
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1968), 2238 S 333rd Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The building at 2238 S 333rd Street was constructed in 1968 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is an example of a split-level with few character-defining features from the historic period, apart from its plan (Criterion C). It does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends 2238 S 333rd Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

Built in 1968, the residential building at 2238 S 333rd Street fronts south (King County Assessor 2020). The two-story, rectangular building sits on a poured-concrete foundation, is clad in T1-11, and is topped by a side-gabled asphalt roof. Windows throughout are vinyl framed in altered fenestration. There is a large picture window on the second floor near the southeast corner. The main entrance of the split-level is elevated with concrete steps in the center of the south facade. A secondary entry door has been added on the first floor between the garage doors and the main entrance. Visible secondary elevations include no additional fenestration.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 323645

Location

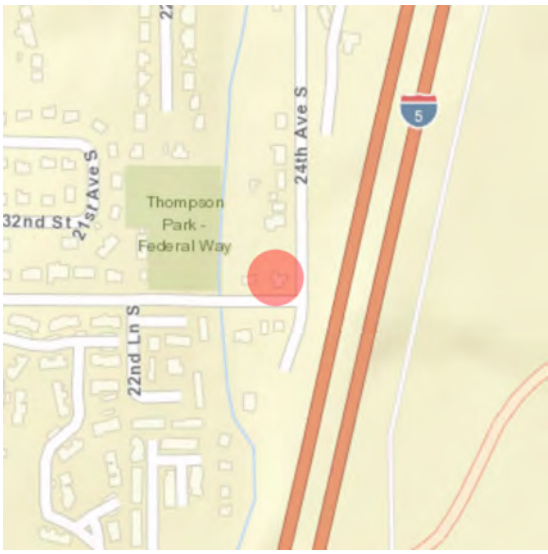

Address:	2244 S 333RD ST, FEDERAL WAY, WA
Tax No/Parcel No:	7978200160
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 POR TR 25 BEG SE COR THO
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1967	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 323645

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/11/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Photos

2244 S 333rd Street, view northwest.JPG

2244 S 333rd Street, view west.JPG

Historic Property Report

Resource Name: Residence

Property ID: 323645

Inventory Details - 7/11/2011

Common name:

Date recorded: 7/11/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200160

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2244 S 333rd Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1967 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 323645

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - T 1-11
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1967), 2244 S 333rd Street retains poor integrity of materials, design, workmanship, setting, feeling, and association, due to a loss of all historic-period windows and some cladding, which have been either altered or covered, and the encroaching construction of I-5. The building retains integrity of location.

Evaluation

The building at 2244 S 333rd Street was constructed in 1967 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associated recommends 2244 S 333rd Street does not retain integrity from its period of construction (1967) and is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria (Criteria A-D).

Physical description:

Built in 1967, the residential building at 2244 S 333rd Street fronts south (King County Assessor 2020). The one-story, rectangular building sits on a poured-concrete foundation and is clad in a combination of T1-11 and horizontal board siding. The building is topped by a side-gabled roof clad in asphalt roofing. Windows throughout are vinyl framed in altered fenestration, including one octagonal window on the east face. An attached two-car garage is located on the east side of the building. The front door is located beneath a projecting porch.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 307792

Location

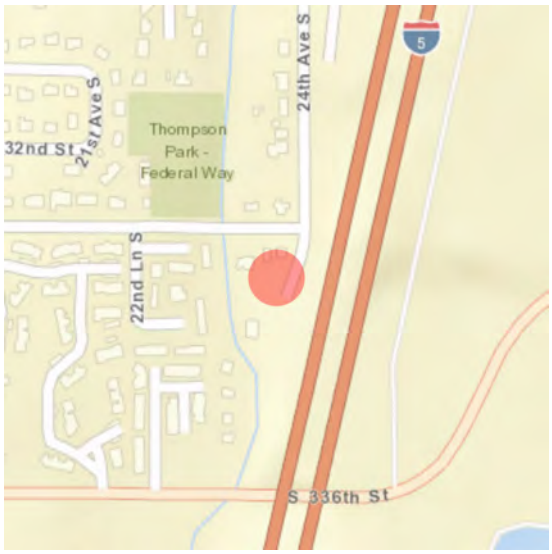

Address:	2245 S 333RD ST, FEDERAL WAY, WA
Tax No/Parcel No:	7978200180
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 LOT 3 KCSP NO 280049 REV
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 307792

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Photos

2245 S 333rd Street, built in 1948, view southeast.JPG

2241 S 33rd Street, built in 1989, view southeast.JPG

Historic Property Report

Resource Name: Residence

Property ID: 307792

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200180

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2245 S 333rd Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1948 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 307792

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Stucco
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), 2245 S 333rd Street retains poor integrity of materials, design, workmanship, feeling, and association, due to a loss of all historic-period windows, doors, and cladding, which have been either altered or covered. The encroaching construction of I-5 and the addition of a residence (2241 S 333rd Street) on the same parcel but at a separate address has altered the integrity of setting. The buildings retains integrity of location.

Evaluation

The residential buildings at 2241 S 333rd Street and 2245 S 333rd Street were constructed between 1948 and 1989 and do not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The buildings do not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the buildings were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends the residences addressed as 2241 S 333rd Street and 2245 S 333rd Street do not retain integrity from the period of construction (1948) and are not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

Built in 1948, the residential building at 2245 S 333rd Street fronts north (King County Assessor 2020). The one-story, rectangular building sits on an unknown foundation and is clad in stucco siding. The building is topped by a side-gabled roof clad in asphalt roofing. Windows throughout are aluminum framed; a central pedestrian entry with a wood door is accessed via a two-step concrete stoop.

A second building to the west dates to outside the historic period (1989) and was likely originally constructed as a garage but altered to living space (King County 2020). It is now addressed as 2241 S 333rd Street. The former garage is a one-story, rectangular building on an unknown foundation, clad in a combination of horizontal (vinyl) and vertical (T1-11) siding. The building is topped by a front-gabled roof clad in asphalt roofing. Windows on the north face are metal; entries are located on the east and west faces. A detached building with a garage door was located to the rear (south).

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 393802

Location

Address:	2230 S 336TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	7978200210
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 LOT 1 OF REV FW SP #SPL9
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E16

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1962	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 393802

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00115, , Assessors Data Project: King County H	7/5/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 393802

Photos

2230 S 336th Street, view northeast.JPG

2230 S 336th Street, view south.JPG

Historic Property Report

Resource Name: Residence

Property ID: 393802

Inventory Details - 7/5/2011

Common name:

Date recorded: 7/5/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200210

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2230 S 336th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1962 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 393802

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - T 1-11
Roof Type	Gable - Front
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1962), 2230 S 336th Street retains poor integrity of materials, design, workmanship, feeling, and association, due to a loss of all historic-period windows and cladding, which have been either altered or covered. The building retains integrity of location and setting.

Evaluation

The residential building at 2230 S 336th Street was constructed in 1962 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends 2230 S 336th Street is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

Built in 1962, the residential building at 2230 S 336th Street fronts south (King County Assessor 2020). The one-and-one-half story, rectangular building sits on a poured-concrete foundation and is clad in T1-11 siding. The building is topped by a front-gabled roof clad in asphalt roofing. The building is located at the end of a private drive and is minimally visible from the ROW; all visible windows appear to be vinyl framed in altered fenestration. A semi-circular vinyl-framed window is located on the south face above the recessed porch and entry. A single-story projection below a ribbon of windows is located off the rear.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 316302

Location

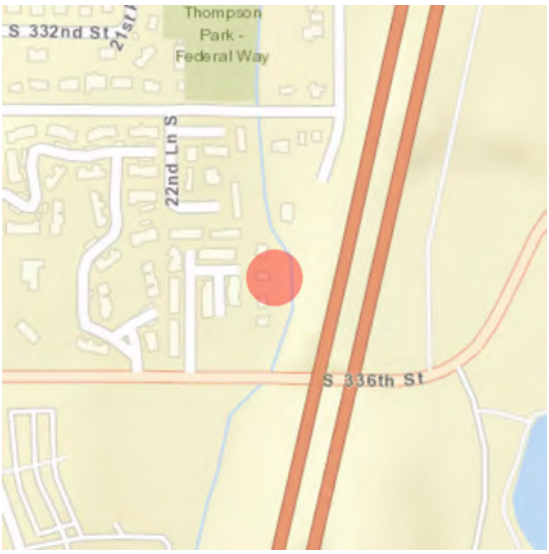

Address:	2234 S 336TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	7978200215
Plat/Block/Lot:	STATE PLAT IN SEC 16-21-4 LOT 2 OF REV FW SP #SPL9
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1959	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 316302

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/9/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/12/2020	Survey/Inventory	
2020-02-01045, , Sound Transit Operations and Maintenance Facility South (OMFS)	2/13/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 316302

Photos

2234 S 336th Street, view northeast.JPG

2234 S 336th Street, zoomed, view northeast.JPG

Historic Property Report

Resource Name: Residence

Property ID: 316302

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 7978200215

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 2234 S 336th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1959 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 316302

Inventory Details - 2/13/2020

Common name:

Date recorded: 2/13/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Fiber Cement Board
Plan	T-Shape
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1959), 2234 S 336th Street retains poor integrity of materials, design, workmanship, feeling, and association, due to a loss of all historic-period windows, doors, and cladding, which have been either altered or covered. The building retains integrity of location and setting.

Evaluation

The residential building at 2234 S 336th Street was constructed in 1959 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends 2234 S 336th Street is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

Built in 1959, the residential building at 2234 S 336th Street has no facade (King County Assessor 2020). The one-story building sits on a poured-concrete foundation and is clad in fiber-cement board siding. The building is topped by a cross-gabled roof clad in asphalt roofing. All windows are vinyl framed in altered fenestration. A pedestrian entry is located within an enclosed, shed-roofed arctic entry on the north face; the entrance faces west

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Inventory Details - 3/12/2020

Common name:

Date recorded: 3/12/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden

Property ID: 722322

Location

Address: 2525 S 336th St, Federal Way, Washington, 98003

Geographic Areas: T21R04E21, POVERTY BAY Quadrangle, King County

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐
Remodel	1985	☑

Historic Use:

Category	Subcategory
Landscape	Landscape - Garden
Landscape	Landscape - Garden

Historic Context:

Category
Architecture
Landscape Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden

Property ID: 722322

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/24/2020	Survey/Inventory	

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden

Property ID: 722322

Photos

Rhododendron Species Botanical Garden at 2525 S 336th Street, overview map

Rhododendron Species Botanical Garden at 2525 S 336th Street, gazebo (1977), view east

Rhododendron Species Botanical Garden at 2525 S 336th Street, entrance, view south

Rhododendron Species Botanical Garden at 2525 S 336th Street, pond (ca. 1985), view west

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near Upper Woodland Garden, view north

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near Rutherford Conservatory, view south

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden

Property ID: 722322

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near pond, view northeast

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near office, view east

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near Meconopsis Meadow, view northwest

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near Big-leaf Rhododendron Garden, view west

Rhododendron Species Botanical Garden at 2525 S 336th Street, pathway near Big-leaf Rhododendron Garden, view northwest

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden

Property ID: 722322

Inventory Details - 6/24/2020

Common name:

Date recorded: 6/24/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1974), the Rhododendron Species Botanical Garden at 2525 S 336th Street retains integrity of location and setting, although alterations, including the construction of new buildings and structures, alterations to the garden pathways, and change of use from a private collection to a public garden, have diminished the botanical garden's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Rhododendron Species Botanical Garden at 2525 S 336th Street was constructed in 1974. The Weyerhaeuser Company, whose 1971 National Register of Historic Places-eligible company headquarters are adjacent to the garden, leased the site to the Rhododendron Species Foundation (RSF) for its collection, which was established in 1964 near Eugene, Oregon. The present site, 2525 S 336th Street, is the third sequential location to house the foundation's botanical collection. By 1980, the collection was opened to the public and several alterations were made to the property to accommodate this change (Rhododendron Species Botanical Garden 2020). As the botanical garden grew, the RSF started their hands-on experience program. The garden has added several species to their collection over the decades, and the Rutherford Conservatory was constructed in 2009 for tropical species. The Rhododendron Species Botanical Garden is significant at a local level for its associations with recreation in Federal Way and the conservation of rhododendron species (Criterion A). Background research did not suggest that the botanical garden held a strong association with the lives of significant persons (Criterion B). The botanical garden was not formally designed by a landscape architect, and its historic-period design has been substantially altered through the addition of buildings, landscape features, and altered pathways. It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the botanical garden was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The Rhododendron Species Botanical Garden at 2525 S 336th Street is significant for its association with the recreation history of Federal Way and the conservation of rhododendron species (Criterion A). However, due to a lack of integrity, Historical Research Associates, Inc. (HRA) recommends the Rhododendron Species Botanical Garden at 2525 S 336th Street is not eligible for listing in the National Register of Historic Places as a designed historic landscape under any criteria.

Physical description: The Rhododendron Species Foundation (RSF) collection is located at the Rhododendron Species Botanical Garden, a publicly accessible garden located at 2525 S 336th Street. The Rhododendron Species Botanical Garden was started in 1964 near Eugene, Oregon, and moved to its present location at at 2525 S 336th Street in 1974 (Rhododendron Species Botanical Garden 2020). The King County Assessor indicates there are two historic-period buildings within the Rhododendron Species Botanical Garden: an office constructed in 1964 and the rhododendron office with storage constructed in 1975 (King County Assessor 2020). However, a review of historic aerials and garden history contradicts this information, indicating that three historic-period buildings at this location were all constructed in 1974 (NETROnline 2020; Rhododendron Species Botanical Garden 2020). Each of these buildings is in an area restricted from public access. Each has been evaluated separately from the botanical garden, evaluated here as a potential designed historic landscape. The buildings and structures within the garden that were constructed outside the historic period and not surveyed include: the gift shop (ca. 2000); the restroom (ca. 1985); the Pacific Rim Bonsai Collection greenhouse and pavilion (both ca. 1985); the plant sales pavilion (ca. 1995); Rutherford Conservatory (2009); a gazebo (1977); and four greenhouses near the office (two ca. 1985, one ca. 2002, and one ca. 2014).

The botanical garden covers 24 acres. “Home to one of the largest collections of species rhododendrons in the world,” according to the garden’s website, “the garden displays over 700 of the more than 1,000 species found in the wilds of North America, Europe, and Asia, as well as the tropical regions of southeast Asia and northern Australia” (Rhododendron Species Botanical Garden 2020). Apart from the collection, the garden features winding curved paths and landscape features, such as viewing benches. Some of the curved paths are reminiscent of late nineteenth century garden designs, while others are naturalistic; however, they have all been expanded and altered to meet Americans with Disabilities Act (ADA) regulations and to accommodate new species to the collection. Parking for the garden is located on an adjacent parcel, and a gravel path leads to the main entrance. ADA-accessible parking is available through a curved drive directly across from the main entrance.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Office

Property ID: 722324

Location

Address: 2525 S 336th St, Federal Way, Washington, 98003

Tax No/Parcel No: 1621049039

Geographic Areas: T21R04E21, POVERTY BAY Quadrangle, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐
Addition	2002	☐

Historic Use:

Category	Subcategory
Landscape	
Landscape	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Office

Property ID: 722324

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/24/2020	Survey/Inventory	

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Office

Property ID: 722324

Photos

Rhododendron Species Botanical Garden Office at 2525 S 336th Street, view west

Rhododendron Species Botanical Garden Office at 2525 S 336th Street, courtesy of King county Assessor, undated, view southwest

Rhododendron Species Botanical Garden Office at 2525 S 336th Street, addition, view west

Rhododendron Species Botanical Garden Office at 2525 S 336th Street, view northwest

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Office

Property ID: 722324

Inventory Details - 6/24/2020

Common name:

Date recorded: 6/24/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Gable - Side
Roof Material	Metal - Corrugated
Cladding	Wood - T 1-11
Structural System	Wood - Platform Frame
Plan	Rectangle

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1974), the office building of the Rhododendron Species Botanical Garden at 2525 S 336th Street retains integrity of location, feeling, and association, although alterations, including an addition and window and siding replacement, and alterations to the surrounding garden, have diminished the building's integrity of setting, design, materials, and workmanship.

Evaluation

The office building of the Rhododendron Species Botanical Garden at 2525 S 336th Street was constructed in 1974, at the same time the surrounding garden was constructed. The Weyerhaeuser Company, whose 1971 National Register of Historic Places-eligible company headquarters are adjacent to the garden, leased the site to the Rhododendron Species Foundation (RSF), which was established in 1964 near Eugene, Oregon. This is the third location to house the foundation's botanical collection. By 1980, the collection was opened to the public and several alterations were made to the property to accommodate this change (Rhododendron Species Botanical Garden 2020). The office building is associated with the Rhododendron Species Botanical Garden, which is significant for its association with the recreational history of Federal Way and the conservation of rhododendron species (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The office building is utilitarian in nature and is not likely to be eligible for listing in the National Register of Historic Places (NRHP) for its architectural or engineering character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). The office building at the Rhododendron Species Botanical Garden at 2525 S 336th Street is associated with the garden, which is significant for its association with the recreation history of Federal Way and the conservation of rhododendron species but is not NRHP-eligible, due to integrity loss (Criterion A). Due to a lack of individual significance and integrity, Historical Research Associates, Inc. recommends the office building is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the King County Assessor, the office building within the Rhododendron Species Botanical Garden located at 2525 S 336th Street was constructed in 1964 (King County Assessor 2020). However, a review of historic aerials and garden history indicated it was constructed in 1974, the year the Rhododendron Species Foundation collection, started in Eugen, Oregon in 1964, was moved to this location. It now includes a 2002 addition (NETROnline 2020; Rhododendron Species Botanical Garden 2020). The Rhododendron Species Botanical Garden was evaluated separately as a potential designed historic landscape.

The one-story office building sits on a poured-concrete foundation, is clad in T1-11, and is topped by a side-gabled metal roof with a shallow peak. The southern addition is slightly shorter than the original building, but is similar in style and cladding. Visible windows include vinyl-clad windows on the southern addition. The north, south, and west elevations are not visible from the public areas of the botanical garden.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden Nursery

Property ID: 722326

Location

Address: 2525 S 336th St, Federal Way, Washington, 98003

Tax No/Parcel No: 1621049039

Geographic Areas: T21R04E21, King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐

Historic Use:

Category	Subcategory
Landscape	
Landscape	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden Nursery

Property ID: 722326

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/24/2020	Survey/Inventory	

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden Nursery

Property ID: 722326

Photos

Rhododendron Species Botanical Garden Nursery at 2525 S 336th Street, view southwest

Rhododendron Species Botanical Garden Nursery at 2525 S 336th Street, view northwest

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden Nursery

Property ID: 722326

Inventory Details - 6/24/2020

Common name:

Date recorded: 6/24/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Roof Type	Gable
Roof Material	Wood
Structural System	Wood - Post and Beam
Plan	Rectangle

Surveyor Opinion

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden Nursery

Property ID: 722326

Significance narrative:

Integrity

From its period of construction (1974), the first nursery within the Rhododendron Species Botanical Garden at 2525 S 336th Street retains integrity of location, design, materials, workmanship, and feeling, as it remains relatively intact. However, significant alterations to the surrounding garden and additional nursery construction have diminished its integrity of setting and association.

Evaluation

The nursery of the Rhododendron Species Botanical Garden at 2525 S 336th Street was constructed in 1974, at the same time the surrounding garden was constructed. The Weyerhaeuser Company, whose 1971 National Register of Historic Places-eligible company headquarters are adjacent to the garden, leased the site to the Rhododendron Species Foundation (RSF), which was established in 1964 near Eugene, Oregon. This is the third location to house the foundation's botanical collection. By 1980, the collection was opened to the public and several alterations were made to the property to accommodate this change. As the botanical garden grew, the RSF started their hands-on experience program. The garden has added several species to their collection over the decades, and the Rutherford Conservatory was constructed in 2009 for tropical species (Rhododendron Species Botanical Garden 2020). The nursery is associated with the Rhododendron Species Botanical Garden, which is significant for its association with the recreational history of Federal Way and the conservation of rhododendron species (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The nursery structure is utilitarian in nature, consisting of a simple frame and roof, and is not likely to be eligible for listing in the National Register of Historic Places (NRHP) for its architectural or engineering character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the structure was constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The first nursery at the Rhododendron Species Botanical Garden at 2525 S 336th Street is associated with the garden, which is significant for its association with the recreation history of Federal Way and the conservation of rhododendron species but is not NRHP-eligible, due to integrity loss (Criterion A). Due to a lack of individual significance and integrity, Historical Research Associates, Inc. recommends the first nursery within the Rhododendron Species Botanical Garden at 2525 S 336th Street is not eligible for listing in the NRHP under any criteria.

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden Nursery

Property ID: 722326

Physical description:

The King County Assessor does not give an approximate date of construction for the first nursery within the Rhododendron Species Botanical Garden located at 2525 S 336th Street (King County Assessor 2020). However, a review of historic aerials and garden history indicated it was constructed in 1974, the year the Rhododendron Species Foundation (RSF) collection, started in Eugene, Oregon in 1964, was moved to this location (NETROnline 2020; Rhododendron Species Botanical Garden 2020). The Rhododendron Species Botanical Garden was evaluated separately as a potential designed historic landscape.

The one-story, open-air nursery sits on a gravel foundation and is constructed of a simple wood frame topped by a side-gabled roof of wood planks. Though not visible from the public area, the main entrance is likely west facing. There are no windows, though the framing leaves the interior of the structure visible. The south and west elevations are not visible from the public areas of the botanical garden.

Bibliography:

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Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Greenhouse

Property ID: 722328

Location

Address: 2525 S 336th St, Federal Way, Washington, 98003

Tax No/Parcel No: 1621049039

Geographic Areas: POVERTY BAY Quadrangle, T21R04E21, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐

Historic Use:

Category	Subcategory
Landscape	
Landscape	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Greenhouse

Property ID: 722328

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/29/2020	Survey/Inventory	

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Greenhouse

Property ID: 722328

Photos

Rhododendron Species Botanical Garden Greenhouse at 2525 S 336th Street, view west

Rhododendron Species Botanical Garden Greenhouse at 2525 S 336th Street, view northwest

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Greenhouse

Property ID: 722328

Inventory Details - 6/29/2020

Common name:

Date recorded: 6/29/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Metal - Aluminum
Cladding	Glass - Spandrel Glass
Roof Type	Gable - Front
Plan	Rectangle

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1974), the first greenhouse within the Rhododendron Species Botanical Garden at 2525 S 336th Street retains integrity of location, design, materials, workmanship, and feeling, as it remains relatively intact. However, significant alterations to the surrounding garden and additional greenhouse construction have diminished its integrity of setting and association.

Evaluation

The first greenhouse within the Rhododendron Species Botanical Garden at 2525 S 336th Street was constructed in 1974, the same year the garden was constructed. The Weyerhaeuser Company, whose 1971 National Register of Historic Places-eligible company headquarters are adjacent to the garden, leased the site to the Rhododendron Species Foundation (RSF), which was established in 1964 near Eugene, Oregon. This is the third location to house the foundation's botanical collection. By 1980, the collection was opened to the public and several alterations were made to the property to accommodate this change. As the botanical garden grew, the RSF started their hands-on experience program. The garden has added several species to their collection over the decades, and the Rutherford Conservatory was constructed in 2009 for tropical species (Rhododendron Species Botanical Garden 2020). As part of the Rhododendron Species Botanical Garden, the greenhouse is associated with the Rhododendron Species Botanical Garden, which is significant for its association with the recreational history of Federal Way and the conservation of rhododendron species (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The greenhouse is utilitarian in nature and is not likely to be eligible for listing in the National Register of Historic Places (NRHP) for its architectural or engineering character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The first greenhouse at the Rhododendron Species Botanical Garden at 2525 S 336th Street is associated with the garden, which is significant for its association with the recreation history of Federal Way and the conservation of rhododendron species but is not NRHP-eligible, due to integrity loss (Criterion A). Due to a lack of individual significance and integrity, Historical Research Associates, Inc. recommends the first greenhouse within the Rhododendron Species Botanical Garden at 2525 S 336th Street is not eligible for listing in the NRHP under any criteria.

Physical description:

The King County Assessor does not give an approximate date of construction for the first greenhouse within the Rhododendron Species Botanical Garden located at 2525 S 336th Street (King County Assessor 2020). However, a review of historic aerials and garden history indicated it was constructed in 1974, the year the Rhododendron Species Foundation (RSF) collection, started in Eugene, Oregon in 1964, was moved to this location (NETROnline 2020; Rhododendron Species Botanical Garden 2020). The Rhododendron Species Botanical Garden was evaluated separately as a potential designed historic landscape. The one-story greenhouse sits on a gravel foundation, has a metal structural system, is clad in plexiglass, and is topped by a front-gabled plexiglass roof. Vents are located on the east elevation, and there are no visible windows. Though not visible, the entrance is likely on the west façade. The north, south, and west elevations are not visible from the public areas of the botanical garden.

Historic Property Report

Resource Name: Rhododendron Species Botanical Garden, Greenhouse

Property ID: 722328

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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Rhododendron Species Botanical Garden. 2020. Rhododendron Species Foundation: A Brief History. Electronic document, https://rhodygarden.org/rsf-foundation/history, accessed June 25, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Commercial Building: Carstar

Property ID: 731866

Location

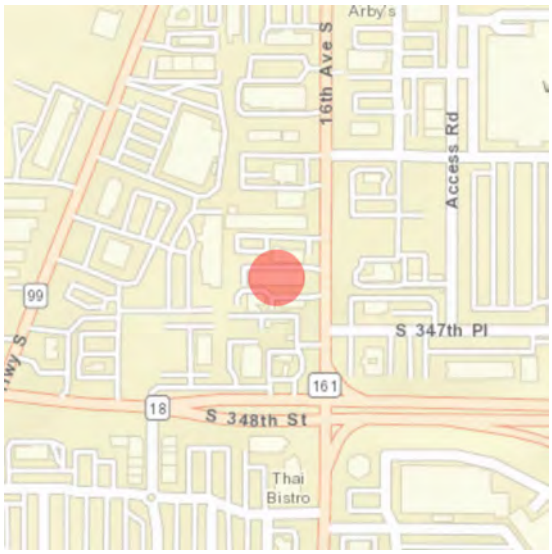

Address: 34627 16th Ave S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E20, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1980	☐

Historic Use:

Category	Subcategory

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Historic Name: Commercial Building: Carstar

Property ID: 731866

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

34627 16th Avenue S, view southwest.jpg

34627 16th Avenue S, view northwest.jpg

Historic Property Report

Historic Name: Commercial Building: Carstar

Property ID: 731866

Inventory Details - 10/9/2023

Common name:	Commercial building: Carstar
Date recorded:	10/9/2023
Field Recorder:	Chrisanne Beckner
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Plan	Rectangle
Roof Type	Gable - Front
Roof Material	Metal - Standing Seam
Cladding	Fiber Cement Board
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1980), the building at 34627 16th Avenue S retains integrity of location and setting, as it remains on its original parcel. It does not retain integrity of design, materials, workmanship, or feeling, due to alterations including recladding with incompatible materials and incompatible window replacement. It retains integrity of association, as it continues to serve a commercial, auto-related use.

Evaluation
Signage identifies the commercial business at 34627 16th Avenue S as “Complete Collision Carstar.” Carstar is a chain of auto body service providers. The building was constructed in 1980 alongside additional commercial development.

The building serves as a workspace for automobile repair and is one of many commercial businesses in Federal Way. It does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is a modest commercial building with few distinctive features apart from its form, which incorporates space for auto repair. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 34627 16th Avenue S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the commercial building at 34627 16th Avenue S was constructed in 1980 (King County Assessor 2023). The building is a single-story tall, rectangular in plan, and faces east toward 16th Avenue S. The building sits on a poured-concrete foundation, is clad in cement board, and is topped by a shallow-gable, standing-seam metal roof with no eaves. Concrete block is visible on the building’s south end wall.

The building’s main facade includes a storefront with ribbons of large metal windows that wrap the northeast corner between posts partially clad in stone veneer. A glazed pedestrian entrance door is located on the north elevation. Walls are clad in lapped cement boards, and a projecting fabric awning is located over the storefront. A shallow concrete planter box is located along the facade. Above the storefront are three pairs of vinyl-frame sliding windows. The building’s south elevation is a solid end wall of concrete block. The building’s north wall includes a garage bay with overhead garage door and corrugated metal cladding, along with additional garage bays near the rear (northwest).

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 721773

Location

Address:	34703 16th Ave S, Federal Way, Washington, 98003
Tax No/Parcel No:	8897000090
Geographic Areas:	King County, T21R04E20, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 721773

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/17/2020	Survey/Inventory	

Photos

34703 16th Ave S, view southwest

34703 16th Ave S, view northwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 721773

Inventory Details - 4/17/2020

Common name:

Date recorded: 4/17/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Metal - Corrugated
Roof Type	Gable - Front
Roof Material	Metal
Plan	Rectangle
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1974), the commercial building and outbuilding at 34703 16th Avenue S retain integrity of location, setting, feeling, and association, although alterations, including window replacement and altered fenestration, have diminished the primary building's integrity of design, materials, and workmanship.

Evaluation

The commercial buildings at 34703 16th Avenue S were constructed in 1974. They do not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The buildings are common prefabricated metal warehouses, utilitarian in style, with no architectural significance (Criterion C). They do not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the buildings were constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the commercial building and associated warehouse at 34703 16th Avenue S are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

Built in 1974, the commercial building at 34703 16th Avenue S fronts north (King County Assessor 2020). The one-story building sits on a poured-concrete foundation, is clad in ribbed metal panels, and is topped by a front-gabled metal roof with a shallow peak. Full-height, metal-framed storefront windows appear in banks of three in altered fenestration on the east elevation and on the north facade where the main entrance consists of a commercial glass door flanked by full-height windows. Five garage bays are located on the north facade west of a chain-link property gate. A secondary detached warehouse building sits west of the main building. It is one-and-one-half stories tall, sits on a poured-concrete foundation, is clad in corrugated metal, and is topped by a front-gabled metal roof.

Bibliography:

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Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Denny's Restaurant

Property ID: 731955

Location

Address: 34726 16th Ave S, Federal Way, Washington, 98003

Geographic Areas: T21R04E21, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Restaurant
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Denny's Restaurant

Property ID: 731955

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Denny's Restaurant

Property ID: 731955

Photos

34726 16th Avenue S, view east.

34726 16th Avenue S, view southwest.

Historic Property Report

Historic Name: Denny's Restaurant

Property ID: 731955

Inventory Details - 10/17/2023

Common name:	Denny's Restaurant
Date recorded:	10/17/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Cladding	Wood - T 1-11
Roof Type	Gable
Roof Material	Clay Tile
Structural System	Masonry - Concrete Block
Plan	Square

Styles:

Period	Style Details
Modern Movement (1930-1970)	Shed

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1978), the restaurant at 34726 16th Avenue S retains integrity of location, setting, design, materials, workmanship, feeling, and association, as no alterations are evident. The building's massing, parking lots, and roofline are evident on historic aerials from 1980 (NETROnline 2023).

Evaluation

Denny's began as Danny's Donuts in California in 1953 and changed its name to Denny's Coffee Shops in 1959. In the 1960s, new restaurants were designed with a distinctive "boomerang roof" (a deep projecting corner or an off-center gable) by Armet & Davis, a firm that became known for distinctive coffee shop design prior to 1970 (Los Angeles Conservancy 2023; RoadsideArchitecture 2023). By 1981, Denny's, which grew internationally, opened its 1,000th restaurant location (Denny's 2023).

The Denny's at 34726 16th Avenue S serves as a family dining restaurant in Federal Way. Although associated with the expansion of a California chain in Washington, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The Denny's at 34726 16th Avenue S possesses an eye-catching roofline, a feature of some roadside architecture, although it does not match the iconic boomerang shape or the zigzag roofline that characterized earlier examples of Denny's restaurants, which are often representative of mid-century roadside design. The most dramatic examples of roadside architecture, sometimes referred to as "Googie," were characterized by dramatic neon signage, molded or futuristic shapes, and outsized elements designed to catch the eye of motorists traveling at highway speeds.

By the late 1970s, architectural styles were evolving. In residential, commercial, and religious design in western Washington, the Shed style became popular in response to innovative designs out of California, like the Sea Ranch community (1965), where complexes included numerous sloping rooflines facing different directions, incorporating natural materials and tall windows under their deeply sloping rooflines (DAHP 2024).

While the Denny's restaurant from 1978 is a relatively modest example of Shed style, the building does possess the distinctive characteristics of its type, evident in its dramatic split gable. Due to its high level of integrity, seen in its massing, siding, and materials, the building does represent its period and method of construction. Research did not reveal the architect of the building, but the buiding does not appear to represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance as an example of the Shed style, as well as its high level of integrity, Historical Research Associates, Inc., recommends the Denny's restaurant at 34726 16th Avenue S eligible for listing in the National Register of Historic Places under Criterion C: architecture. Its period of significance dates to its construction in 1978, and the boundaries of the eligible resource are defined by its current and historic tax lot.

Physical description:

According to the King County Assessor, the Denny's Restaurant at 34726 16th Avenue S was constructed in 1978 (King County Assessor 2023). The building is a single-story tall, square in plan, and faces west toward 16th Avenue S. It is surrounded on all sides by paved parking. The building sits on a poured-concrete foundation, is constructed of concrete block, is partially clad in T1-11, and is topped by an unusual split-gable terra cotta tile roof with a central panel of terra cotta tile over its central entry.

The building's entry projects and includes a screen of vertical boards topped by transoms in front of a vestibule with glazed pedestrian entry doors on both the north and south sides. The entry is flanked by walls with metal-frame windows between concrete-block projecting posts or end walls. The roof includes signage for "Denny's." Corners are ornamented with applied boards. The secondary north elevation includes symmetrical panels of three metal windows between projecting posts or end walls with a single central window between them. The building's rear (east) elevation includes some windows along the dining room (north half), as well as central and southern projections of concrete block with pedestrian kitchen doors. The south elevation includes screened systems and windows near the southwest corner, but no fenestration on the east half.

Bibliography:

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Denny's
2023 Our History. Electronic document, https://www.dennys.com/company, accessed January 23, 2023.

Department of Archaeology and Historic Preservation (DAHP)
2024 Architectural Style Guide: Shed (1965-1980). Electronic document, https://dahp.wa.gov/historic-preservation/historic-buildings/architectural-style-guide/shed, accessed April 25, 2024.

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Los Angeles Conservancy
2023 Armet & Davis. Electronic document, https://www.laconservancy.org/architects/armet-davis, accessed January 23, 2023.

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RoadsideArchitecture.com
2023 Denny's. Electronic document, https://www.roadarch.com/eateries/dennys.html, accessed January 23, 2023.

Historic Property Report

Resource Name: Warehouse

Property ID: 721373

Location

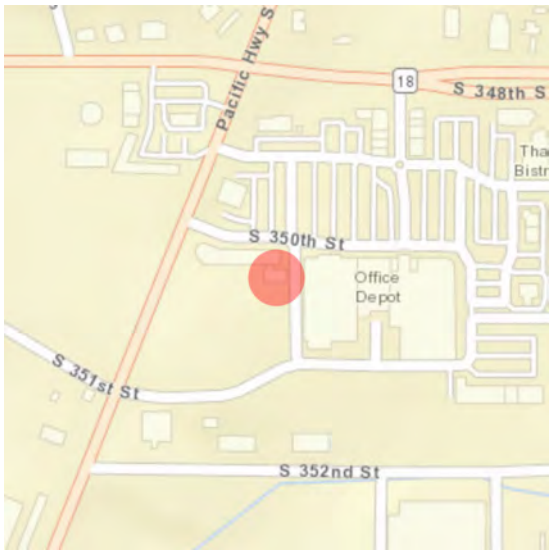

Address: 35000 Pacific Hwy S, Federal Way, Washington, 98003

Tax No/Parcel No: 2021049162

Geographic Areas: POVERTY BAY Quadrangle, T21R04E20, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Warehouse

Property ID: 721373

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Warehouse

Property ID: 721373

Photos

35000 Pacific Highway S

35000 Pacific Highway S

35000 Pacific Highway S

Historic Property Report

Resource Name: Warehouse

Property ID: 721373

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Metal - Corrugated
Roof Type	Gable - Front
Roof Material	Metal - Corrugated
Plan	Rectangle
Foundation	Concrete - Poured
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1974), the warehouse and outbuildings at 35000 Pacific Highway S retain integrity of location and setting, although alterations, including recladding and window replacement, have diminished the primary building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The warehouse building at 35000 Pacific Highway S was constructed in 1974. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a common prefabricated metal warehouse with no architectural significance (Criterion C). The building is utilitarian, with no historic-period features, and does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the warehouse and outbuildings at 35000 Pacific Highway S are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the warehouse at 35000 Pacific Highway S was constructed in 1974 (King County Assessor 2020). The one-story, rectangular warehouse faces west toward Pacific Highway S. Much of the building is obscured by a privacy fence. The building is a prefabricated metal warehouse with a front-gabled asphalt roof. The building features vinyl-framed windows and metal cladding. On the north side of the building is a second-story wood deck. There is a metal, shed-roofed outbuilding south of the warehouse, as well as a concrete pavilion with shed roof south of that. The remainder of the property contains trucks and construction equipment. There is a tall privacy fence along the east side of the property, and a concrete block wall with chain-link fence on the south side of the property.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.
NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Midwest Pacific Transport, Inc. Property ID: 731960

Location

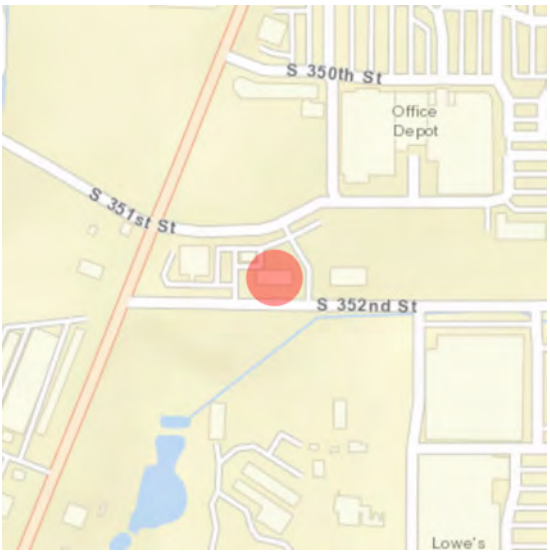

Address: 1351 S 351st St, Federal Way, Washington, 98003

Geographic Areas: T21R04E20, King County, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1977	☑
Addition	2015	☐
Addition	2019	☐

Historic Use:

Category	Subcategory
Transportation	Transportation - Road-Related (vehicular)
Transportation	Transportation - Road-Related (vehicular)

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Midwest Pacific Transport, Inc. Property ID: 731960

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

1351 S 351st Street, view south.

1351 S 351st Street, view east.

Historic Property Report

Historic Name: Midwest Pacific Transport, Inc. Property ID: 731960

Inventory Details - 10/17/2023

Common name:	King County Fire District Number 29
Date recorded:	10/17/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Masonry - Poured Concrete
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Cladding	Concrete
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1977), the building at 1351 S 351st Street retains integrity of location, as it remains on its original parcel. The building was acquired from a private owner by the City of Federal Way in 2015, significantly enlarged, altered by the addition of materials like new windows, and paired with a larger building to the west, constructed in 2019 for King County Fire District Number 39 (King County Assessor 2023). The original garage does not retain integrity of setting, design, materials, workmanship, feeling, or association.

Evaluation

The garage at 1351 S 351st Street, was constructed in 1977 on previously undeveloped land. The property was in the possession of Midwest Pacific Transport, Inc., a firm transporting building materials, by 1981 (Office of the Federal Register 1981). Today, the building serves King County Fire District Number 29 as part of a larger complex of built resources constructed in 2019.

The garage is one of many commercial buildings constructed in Federal Way in the 1970s, but it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is utilitarian in character, has been altered by a change of use, and does not possess the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and irretrievable loss of integrity, Historical Research Associates, Inc., recommends 1351 S 351st Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the garage at 1351 S 351st Street was constructed in 1977 (King County Assessor 2023). In 2019, the building was altered by the addition of a large garage bay. A large office building was added to the west (King County Assessor 2023). Today, the garage is the oldest building in a complex used by South King Fire & Rescue for maintenance and logistics. The building sits on a poured-concrete foundation, is constructed of poured concrete, and is topped by flat, built-up roofs.

The building's main facade faces north toward paved parking. It includes a wing of four garage bays with partially glazed overhead garage doors. The added bay, located east of the original mass, is an oversized garage bay with an overhead garage door and three aluminum-frame windows, likely awning windows. The secondary west elevation includes three sliding windows and a sign reading "fleet maintenance." The secondary east elevation includes a block of four single-light windows in the central bay. The north and south bays include projecting sunshades supported by large brackets. The building's south elevation, which faces S 352nd Street, includes three single-light windows in the addition but no other fenestration.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

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1981 Federal Register, Volume 46, No. 109. On file with the University of Illinois Law Library. Electronic document, https://books.googleusercontent.com/books/content?req=AKW5QaedavvcoGQZ1YpVoi93z99nt_gBv5Twkv4vc5lEQzwhiSldgwBa8n7_W9whDNaz6rGHAF-5uT925TQC9JDHNUISr2j3YwKbVJjCBoQcyAAHb0A0r63L_In0IvwOAH1GmXB5nH8wqMfa9LkExMPXVhzk3sKbFtEHKOa_lyIJvaOr7GsFsFBeTAoBYGZ5tYOxrl9Dizb2ABSgGmIUozY4ry27CtSU9p0Qvw_UHY2Hap2bqw1BepQb09XrW7VQu3HM2DvBosn7, accessed January 19, 2023.

Historic Property Report

Resource Name: Industrial complex

Property ID: 721041

Location

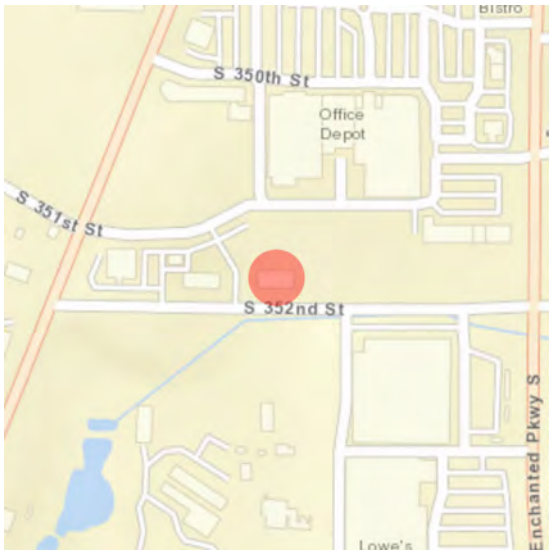

Address: 1393 S 351st St, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E20, POVERTY BAY Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑
Built Date	1961	☑
Built Date	1979	☑

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	
Industry/Processing/Extraction	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Photos

1393 S 351st Street, view northwest.jpg

1393 S 351st Street, King County Assessor, 2015, view south.

1393 S 351st Street, view north.jpg

King County Assessor's photo, 1393 S 351st Street, 2015, view west.jpg

Historic Property Report

Resource Name: Industrial complex

Property ID: 721041

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Roof Type	Flat with Eaves
Cladding	Concrete - Poured
Form Type	Utilitarian
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction, the industrial complex at 1393 S 351st Street appears to retain integrity of location, setting, design, materials, and workmanship, although changes in ownership have diminished its integrity of feeling and association.

Evaluation

The industrial complex at 1393 S 351st Street was constructed between 1960 and 1979 for Doug Clerget, founder of American Concrete. The concrete plant was one of many successful, local businesses--including Sound Bank, a locally owned state bank, and Evergreen Truck Stop, a complex with gas station, motel, restaurant, and truck repair--founded by Clerget. Clerget and his wife were active community members known for helping to found hospitals and other public amenities for the Federal Way community. In 2000, the Federal Way News named the couple "Citizens of the Century" for their philanthropic contributions (Hobbs 2012). While the Clergets were civic-minded community members, research, including a review of historic maps and local histories, did not reveal that the former concrete plant itself, constructed late in the historic period, was associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal that the concrete plant was associated with the important works of the Clerget family, who were best known for their civic actions. As significance under Criterion B is generally reserved for the resource most closely associated with the life and work of a significant individual, the former concrete plant, which is no longer associated with the Clerget family, is not recommended eligible for its association with the lives of significant persons (Criterion B). The complex is utilitarian in character and is not likely to qualify for listing in the National Register of Historic Places (NRHP) for its architectural or engineering character (Criterion C). The complex does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential district). Finally, the complex was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc. recommends that the industrial complex at 1393 S 351st Street is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the King County Assessor, this industrial complex at 1393 S 351st Street, including a building with associated yard and machinery, was constructed beginning in 1960, with additional buildings added in 1961 and 1979 (King County Assessor 2020). The complex faces generally south toward S 352nd Street, although a second entrance is located off a private drive to the north (S 351st Street). The single building on the parcel is constructed of concrete, is rectangular in plan, topped by a flat roof, and includes two pedestrian doors below six vinyl- or metal-framed windows near the roofline on the south-facing elevation. Aerials show that the north elevation includes a bank of garage bays. The east and west elevations include vents but no other visible fenestration. Additionally, the parcel includes a gravel yard for storing aggregate and machinery, including mixers, conveyors and silos, all typical features of a cement or concrete plant. Known formerly as American Concrete, the plant has been owned since the 1990s by other entities, and since 2015 by the City of Federal Way (King County Assessor 2020).

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2012 "Remembering a pioneer: Doug Clerget shaped Federal Way," Federal Way Mirror, January 12. Electronic document, https://www.federalwaymirror.com/news/remembering-a-pioneer-doug-clerget-shaped-federal-way/, accessed January 15, 2020.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

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Historic Property Report

Historic Name: Commercial Building: DBM Contractors Property ID: 731971

Location

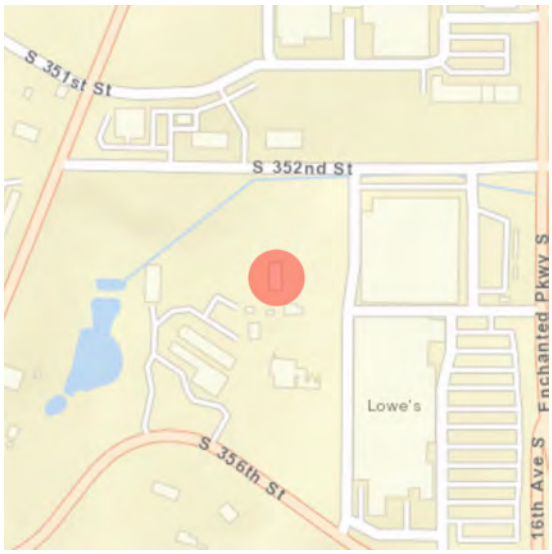

Address: 1200 S 356th St, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1980	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Commercial Building: DBM Contractors Property ID: 731971

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

1200 S 356th Street, view northeast.

1200 S 356th Street, view northwest.

Historic Property Report

Historic Name: Commercial Building: DBM Contractors Property ID: 731971

Inventory Details - 10/18/2023

Common name:	DBM Contractors
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Gable
Roof Material	Metal - Corrugated
Cladding	Metal
Structural System	Metal - Steel
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1980), the warehouse at 1200 S 356th Street retains integrity of location and setting, as it remains on its original parcel surrounded by construction related storage. The building does not retain integrity of design, materials, or workmanship, as it has been altered by a shed-roofed addition on its north elevation (constructed between 1990 and 1998) and a canopy on its east elevation (constructed between 1990 and 1998) (NETROnline 2023).

Evaluation

The warehouse at 1200 S 356th Street was constructed in 1980 on previously undeveloped land (NETROnline 2023). It is used by DBM Contractors, Inc., a construction services company founded in 1949 (DBM Contractors 2023).

The building serves one of many commercial operations in Federal Way, but it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is utilitarian in character, has been altered by additions, and does not possess the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 1200 S 356th Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, there are two buildings constructed in 1980 on the parcel addressed as 1200 S 356th Street (King County Assessor 2023). However, this appears to be in error, as only one appears on historic aerials from 1980 (NETROnline 2023). The building is prefabricated steel and located far from the roadway on a deep lot used by DBM Contractors, Inc., for truck and materials storage. It is minimally visible from the public right-of-way. Other structures evident during survey appear to date from ca. 1990 to 2006 and include metal-clad warehouses, all of which are a single-story tall with gabled metal roofs and few other architectural features (NETROnline 2023). Due to their young age, they were not recorded.

The 1980 warehouse is a rectangular warehouse, constructed on a poured-concrete foundation. It is clad in ribbed metal panels and topped by a gabled, corrugated metal roof. The building is oriented north–south with a shed-roofed addition on the north elevation. It includes large sliding metal doors on tracks on both its east and west elevations. The east elevation also includes windows of an unknown material on the southeast corner. Also on the east elevation, a corrugated metal canopy has been installed, supported by four metal lattice posts, which shelters workspace below.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

DBM Contractors, Inc.
2023 DBM Contractors, Inc. LinkedIn. Electronic document, https://cl.linkedin.com/company/dbm-contractors-inc., accessed January 19, 2023.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Resource Name: Southern Building

Property ID: 339500

Location

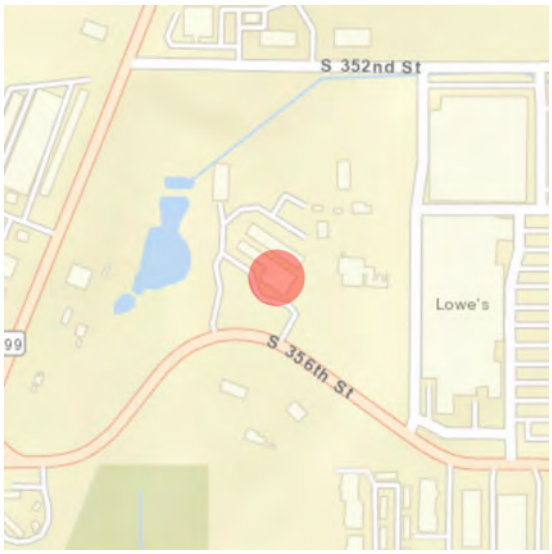

Address:	1220 S 356TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	2921049049
Plat/Block/Lot:	W 1/4 OF NE 1/4 OF NE 1/4 LY NLYOF CO RD LESS NW 1
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E29, King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1963	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Southern Building

Property ID: 339500

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00111, , Assessors Data Project: King County E	7/2/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

1220 S 356th Street, southern building (foreground), view north

1220 S 356th Street, courtesy of DBM Office, undated, view north

1220 S 356th Street, southern building (foreground), view northwest

Historic Property Report

Resource Name: Southern Building

Property ID: 339500

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2921049049

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 1220 S 356th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1963 and is a professional building. Also according to the county assessor, the structure was remodeled in 1975. The 1-story building has a commercial form.

Historic Property Report

Resource Name: Southern Building

Property ID: 339500

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Cladding	Brick
Cladding	Concrete - Precast
Structural System	Masonry - Concrete Block
Plan	L-Shape

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1963), the southern building at 1220 S 356th Street retains integrity of location and setting, as it remains a commercial building on its original parcel. Alterations, including replaced windows and doors, an added clerestory, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The southern building at 1220 S 356th Street was constructed in 1963. It is unclear who originally constructed the building; however, DBM Contractors, Inc. has occupied this building and the building north of it since 1981 (DBM Contractors, Inc. 2020). The building does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest commercial building with few remaining character-defining features from the historic period. Even its massing has been heavily altered (Criterion C). The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc. recommends that the southern building at 1220 S 356th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the southern building of two commercial buildings at S 356th Street was constructed in 1963 (King County Assessor 2020). It faces south toward 356th Street. The L-shaped, single-story building sits on a poured-concrete foundation, is clad in brick veneer and precast concrete panels, and is topped by a hip roof clad in asphalt shingles. The building's southwest facade features a centrally located main entrance towards the southern half of the facade. The main entrance consists of double glass doors, which were recently replaced. The secondary entrance on the north half of the main facade consists of a single metal door. Windows are vinyl clad and in altered fenestration. A clerestory was added to the southeastern half of the building ca. 1995. The northeast and northwest elevations are not visible from the public right-of-way.

Bibliography:

DBM Contractors, Inc. 2020. DBM History. Electronic document, http://www.dbmcontractors.com/history.html, accessed June 25, 2020.

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Northern Building

Property ID: 722330

Location

Address: 1220 S 356th St, Federal Way, Washington, 98003

Tax No/Parcel No: 2921049049

Geographic Areas: T21R04E29, King County, POVERTY BAY Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Northern Building

Property ID: 722330

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

1220 S 356th Street, northern building (background), view north.JPG

1220 S 356th St, Northern Building, courtesy of DBM Contractors, Inc., undated view north

1220 S 356th Street, northern building (background), view northeast

Historic Property Report

Resource Name: Northern Building

Property ID: 722330

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Concrete - Precast
Form Type	Commercial
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Structural System	Masonry - Concrete Block
Plan	Rectangle

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the northern building at 1220 S 356th Street retains integrity of location, setting, feeling, and association as it remains a commercial building on its original parcel. Alterations, including replaced windows and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The northern building at 1220 S 356th Street was constructed in 1969. It is unclear who originally constructed the building; however, DBM Contractors, Inc. has occupied this building and the building south of it since 1981 (DBM Contractors, Inc. 2020). The building does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest commercial building with few character-defining features from the historic period (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc recommends that the northern building at 1220 S 356th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the northern building of two commercial buildings at S 356th Street was constructed in 1969 (King County Assessor 2020). The rectangular, two-story building sits on a poured-concrete foundation, is clad in precast concrete panels separated into bays, and is topped by a hipped roof clad in asphalt shingles. The building's main entrance is not visible from the right-of-way (ROW) but is likely on the southwest façade facing the southern building. Windows are aluminum clad and some are paired. The northeast and northwest elevations are not visible from the public ROW.

Bibliography:

DBM Contractors, Inc. 2020. DBM History. Electronic document, http://www.dbmcontractors.com/history.html, accessed June 25, 2020.

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Brooklake Community Center

Property ID: 731975

Location

Address: 726 S 356th St, Federal Way, Washington, 98003

Geographic Areas: T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1929	☑
Addition	1950	☑

Historic Use:

Category	Subcategory
Social	Social - Meeting Hall
Social	Social - Meeting Hall

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Brooklake Community Center

Property ID: 731975

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Brooklake Community Center

Property ID: 731975

Photos

726 S 356th Street, view northwest.

726 S 356th Street, outbuilding, view northwest.

726 S 356th Street, view northeast.

1953 photo of the Brooklake Community Center, courtesy of the Historical Society of Federal Way.jpg

726 S 356th Street, view southwest.

726 S 356th Street, view north.

Inventory Details - 10/18/2023

Common name:	Hanwoori Mission Church
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Wood - Log
Cladding	Wood
Cladding	Wood - Vertical Boards
Cladding	Wood - Shiplap
Cladding	Wood - Board & Batten
Cladding	Stucco
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Form Type	Utilitarian

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	Swiss Chalet Revival

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative: Integrity
From its date of construction (ca. 1929), the Brooklake Community Center at 726 S 356th Street retains integrity of location and setting, as it remains on its original parcel and retains its relationship to the lake and undeveloped lands nearby. While the original mass retains integrity of design, materials, and workmanship, a large addition, constructed beginning in 1947 and attached to a secondary elevation of the primary building in 1950, has diminished its integrity of design, materials, and workmanship. The addition, used as a large meeting hall, is old enough to have gained significance in its own right, although it was constructed in an incompatible style and has been reclad with incompatible materials, diminishing its integrity and the integrity of the original building. Window and siding replacement on the hall addition, as well as alterations to the primary building, including the loss of the original roof material, the addition of a stair and balcony, and the loss of brackets on the primary facade, have diminished the

building's integrity of design, materials, and workmanship. The community center does retain integrity of feeling and association as, until recently, it continued to serve as a public meeting place. While its integrity has been impacted by revisions and additions, the main building's form, its rustic natural materials, and its decorative elements continue to convey significance.

Evaluation
The history of Brooklake Community Center is well-documented and is the subject of a 2017 monograph by Dick Caster for the Historical Society of Federal Way (Caster 2017).

The Brooklake Community Center location in Section 29 of Township 21 North, Range 4 East, was part of a land grant to the Northern Pacific Railway, which sold it to private entities around 1870. The location changed hands and eventually equaled approximately 20 acres. Mabel and Jahiel Vaughn acquired 5 acres in 1928, and this became the site of the community center building. The surrounding land, including a lake to the rear of the community center, became a recreational getaway for a group of Tacoma sportsmen who built a cabin and brought their hunting dogs for the weekends (Caster 2017). Although the exact date of construction for the extant community center building is unknown, historians believe the Vaughns hired two French-Swiss immigrant carpenters in the 1920s to construct the community center building in the style of mountain chalets. The building was first used as the Wagon Wheel Inn in the 1930s, during the Prohibition Era, under manager R. K. Ruffo. The site was known as a “gambling den." The Wagon Wheel evolved into Rickey’s (or Ricky’s) Club, which operated as a tavern or speak-easy until it was shut down as a public nuisance in 1939. In 1943, the location was acquired by the founders of the Brooklake Community Center, property owners who intended to lease the property to social clubs, including what became known as the Brooklake Community Club. The community center rented out its building to members and non-members and it became a social hub for the surrounding community. Frequent users included the Harding Improvement Club (later the active, philanthropic group known as the Brooklake Women’s Club), the Northlake Club, the Riding Club, and King County, which used the building as a polling place. The community center hosted popular annual fairs, 4-H club events, community potlucks, private celebrations, and dances, many of them hosted by the Brooklake Women’s Club, which operated here into the late twentieth century. However, by the 1970s, the popularity of these events was waning. In 1981, the property was leased to the Federal Way Community Center Association, formed from other social clubs, including members of the Lion’s Club and Kiwanis. In 1984, 12 acres of the original holding were transferred to the State of Washington for use as a park, and the remaining 5 acres were transferred to the Federal Way Community Center Association. The site continued to be a gathering place, providing services for those in poverty, as well as other users. In 1989, the Federal Way Veteran’s Center opened at this location. The building was briefly shut down in the 1990s due to electrical and plumbing issues, and in 2014, the Federal Way City Council voted to acquire the Brooklake Community Center, and then gifted the center to the Federal Way Community Association. In the twenty-first century, the building was leased to the Hanwoori Mission Church (Caster 2017).

The building’s history is dense and multilayered, well documented in a monograph by the Historical Society of Federal Way. The building does appear, based on its age and pattern of use as an entertainment venue, a community clubhouse, and the site of local fairs, dances, and other community events, to have specific and important associations with events that made a significant contribution to the broad patterns of local history, namely in the area of Entertainment and Recreation. This location became an important

gathering place in a small, rural, unincorporated south King County community with few public events venues, providing valuable space for planning community-based activities and fostering social bonds that would strengthen and grow with time, which was particularly critical in the years before incorporation and extensive commercial development in Federal Way (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons, as the community center has always been associated with consortiums and groups of community members, rather than any single person with documented significance in a local, state, or national context (Criterion B). The original community center building, designed to mimic Swiss mountain chalets, does possess the distinctive characteristics of its type, found in the wood siding, wood windows, decorative brackets, and massing of the primary building, exclusive of the hall addition. However, a series of alterations have diminished the building's original character. The building does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The outbuilding on site, constructed at a later date and heavily altered, does not possess significance under any criteria.

In spite of its diminished integrity, and exclusive of the incompatible hall addition and an outbuilding that has since been altered, the original community center building continues to convey its significant associations with community events and recreation as it maintains its form and, through its size and massing, conveys its nearly one-hundred-year history first as an inn and speakeasy, and then as a hub for public gatherings (fairs, dances, public votes) and as a home for civic organizations like the Brooklake Women's Club, who met at the location and were philanthropic in their efforts. It provided an important gathering place to a small, rural, unincorporated community in south King County (Criterion A: Entertainment and Recreation). It also retains sufficient historic character to represent an early twentieth century Swiss chalet style clubhouse (Criterion C), with a period of significance dating to its construction, ca. 1929. While the 1950 addition has diminished the building's historic character, particularly on the secondary west elevation where it was attached, the remainder of the building retains so much of its original fabric, as evident in its wood construction, massing, wood windows, dormers, exterior stairs, and decorative brackets, that it continues to retain sufficient integrity to qualify for listing in the National Register of Historic Places under Criteria A and C. Historical Research Associates, Inc., assumes the eligible resource is bound by the footprint of the original community center building, exclusive of the hall addition and any associated outbuildings.

Physical description: According to the King County Assessor, the community center building at 726 S 356th Street (aka 850 S 356th Street, as per the King County Assessor) was constructed in 1934 (King County Assessor 2023). However, research indicates that this date is associated with an addition that has since been removed, and the original date of construction was likely 1929, although this date is also in question, as some documentation provides a date as early as 1920 (Caster 2017). Based on the best available evidence, HRA assumes a date of construction ca. 1929. The community center building was greatly enlarged by a hall constructed in two phases south of the primary mass between 1947 and 1953 and connected to the primary mass in 1950 (Caster 2017; NETROnline 2023). For the sake of

this assessment, the community center building, although constructed in multiple phases, is one building. It sits on a poured-concrete foundation, is of cedar construction, and is clad in a combination of rounded “log-slab cedar siding” on the primary mass (Caster 2017), vertical plank siding in the gables, plywood with battens on the addition, and shiplap on the dormers. The basement, partly visible on rear and side elevations, is covered in stucco or parging. The primary mass is topped by a gable roof of standing-seam metal with large decorative wood brackets, while the hall addition is topped by a gable roof with a flat projection over the east half, covered in asphalt shingles.

The primary mass’s facade includes a pedestrian entry door with shallow concrete stair flanked to the north by divided, wood-frame windows. The upper floor includes one-over-one and hopper windows, also wood frame. Across the facade, from north to south, is an exterior wood stair to a balcony at the upper floor. South of the facade, the hall addition includes a large, recessed entry with concrete ramp. Windows along the wide facade are a combination of vinyl frame with interior grids and one fixed, wood-frame window. A ramp and wood rail lead to a secondary projecting entry door, and a third entry door with wood stoop and rail is located at the elevation’s south end. The hall’s facade shelters under deep eaves.

The building’s north elevation includes a secondary entry door with wood stair and stoop under a projecting, standing-seam metal awning. A projecting storage bay with pedestrian door is located west of the entry. Three wood-frame, six-light windows are located along the first floor. A dormer with three wood-frame windows is centrally located on the upper floor. Windows are eight-over-one and wood frame. Where the building steps back at the northwest corner, an exterior door on the upper floor indicates a missing stair or balcony.

The building’s west elevation includes access to the basement level. A pedestrian door with central light and five single-light windows are located at the basement level; a ribbon of two-light windows, with the middle three topped by six-light transoms, is located on the main floor; and a ribbon of six-light casements is located on the upper floor. The transition to the upper floor is marked by projecting rafter tails and plank siding in the gable, where decorative wood brackets are visible. No other elevations retain these brackets. The west elevation of the adjacent hall is clad in plywood with battens and a skirt of horizonal wood siding at the foundation. Fenestration is minimal and includes vinyl-frame sliding windows with internal grids.

The primary building’s south elevation includes a pedestrian basement entry door and an exterior wood stair to a main floor door flanked to the east by three 12-light, wood-frame windows. A dormer includes three eight-over-one, wood-frame windows. The hall’s south elevation includes vertical siding over the foundation, plywood with battens, wood plank siding in the gable, and a single pedestrian door near the southeast corner.

A secondary building is located northeast of the community center building but is not documented in Assessor’s records. According to historians, the outbuilding was constructed ca. 1950, but has been greatly enlarged (Caster 2017). It is rectangular in plan, sits on a poured-concrete foundation, and is clad in lapped wood siding topped by board and batten and plywood. The building’s flat roof has been extended to create a shed roof with a projecting awning over a projection to the rear (east). It is not clear whether the shed roof may include covered clerestory windows on its east elevation. The building includes a pedestrian door and a three-light, wood-frame window on its south elevation, as well as an infilled window opening. All doors and windows are sealed. The

west elevation includes no fenestration. A privacy fence encases a yard east and north of the secondary building. It appears, from aerials, to include storage.

“Brook Lake” is located on the parcel, west of the lodge. At the time of survey, signage on the building and at the roadside advertised “Brooklake Community Center” and “Hanwoori Mission Church.”

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

Caster, Dick
2017 The Brooklake Community Center, prepared for Historical Society of Federal Way. Electronic document, https://www.federalwayhistory.org/wp-content/uploads/2020/05/BrooklakeBooklet.pdf, accessed July 31, 2023.

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2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Historic Name: Service Station: Brooklake Arco

Property ID: 731972

Location

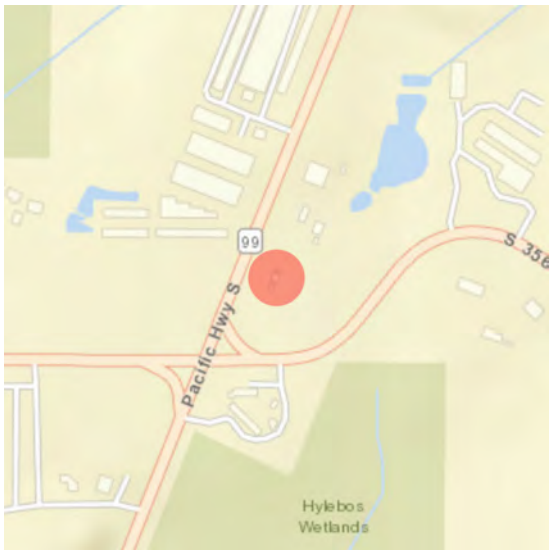

Address: 35516 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☐
Built Date	1956	☐

Historic Use:

Category	Subcategory
Transportation	Transportation - Road-Related (vehicular)
Transportation	Transportation - Road-Related (vehicular)

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Service Station: Brooklake Arco

Property ID: 731972

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Service Station: Brooklake Arco

Property ID: 731972

Photos

35516 Pacific Highway S, view northeast.

35516 Pacific Highway S, view southeast.

Historic Property Report

Historic Name: Service Station: Brooklake Arco

Property ID: 731972

Inventory Details - 10/18/2023

Common name:	Used Tire Warehouse
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Cladding	Concrete - Block (cmu)
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From their period of construction (1951–1956), the office with adjacent auto garage at 35516 Pacific Highway S retain integrity of location, as they remain on their original parcel. The removal of the oldest building on site, the wood-frame equipment shed (1947), has diminished their integrity of setting. The covering or removal of original windows on the garage may have diminished the buildings' integrity of design, materials, and workmanship. The buildings retain integrity of feeling and association, as they continue to serve an auto-related maintenance and storage business.

Evaluation

The auto garage at 35516 Pacific Highway S was constructed between 1951 and 1956. It is currently serving the Used Tire Warehouse (aka Used Tire City). The building's form, an office (1951) paired with a two-bay garage (1956), suggests that the buildings have regularly been used for auto services, and a Seattle Times ad from 1977 links the address to a former service center known as "Brooklake Arco" (Seattle Times 1977). Arco, formed in 1966, was an oil company that managed numerous gas stations, but the garage at 35516 Pacific Highway S does not currently include gas pumps.

The building serves one of many commercial operations in Federal Way and is one example of the kinds of auto-related businesses that lined the stretch of Pacific Highway that connected Seattle to Tacoma in the 1920s. The business's development appears to be contemporaneous with adjacent development, which likely intensified as communities between Tacoma and Seattle grew in the post-war period (NETROnline 2023). Because the Pacific Highway dates to the 1920s, this resource was a relatively late addition to the roadside and is not associated with its earliest phase of development. Its original use is not clear from its present form, but auto-related resources including service stations, gas stations, and convenience stores became almost ubiquitous in the mid and late-twentieth century. Research did not reveal that this example possessed important associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is utilitarian in character. Its form indicates an auto-related use (garage plus office), but the building does not possess the distinctive characteristics of a particular type, period, or method of construction, which might include, for instance, the eye-catching roadside features of the 1950s, including dramatic signage, aluminum, or large walls of windows. The building does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, as well as a loss of integrity, Historical Research Associates, Inc., recommends 35516 Pacific Highway not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the auto shop at 35516 Pacific Highway S is made up of three buildings, a wood-frame equipment shed constructed in 1947 (no longer extant), a warehouse/office constructed in 1951 (south), and a storage warehouse constructed in 1956 (north) (King County Assessor 2023). At the time of survey, only the office and a two-bay garage remained on the parcel, along with stored materials, including tires and storage containers. The two adjacent buildings are rectangular, face west, and are a single-story high. Both are constructed of concrete block with flat shed roofs with deep eaves on the western elevations.

The office's main facade includes a central bank of three tall, metal-frame windows flanked north and south by pedestrian doors. The southern door accesses the office, while the northern door includes signage for a restroom. A concrete pad provides a walkway along the facade, which shelters under a deep eave with fluorescent lights. The adjacent garage is also constructed of concrete block, includes two overhead garage doors, applied signage above the doors, and deep eaves with fluorescent lights. Secondary elevations show no additional fenestration, but a depression in the center of the garage's northern elevation clad in plywood may indicate former or covered windows.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Seattle Times
1977 One of the Pros on Our Team Can Make Sure Your Family Drives Safely. Ad. July 21.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731973

Location

Address: 1215 S 356th St, Federal Way, Washington, 98003

Geographic Areas: T21R04E29, King County, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1931	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731973

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

1215 S 356th Street, view south.

1215 S 356th Street, view south.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731973

Inventory Details - 10/18/2023

Common name:	Express Towing; Graham Real Ventures
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	T-Shape
Cladding	Wood - T 1-11
Roof Type	Gable
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame
Form Type	Single Dwelling - Gable Front and Wing

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1931), the building at 1215 S 356th Street retains integrity of location, as it remains on its original parcel, although paving, additional construction, and a change to commercial use have diminished the building's integrity of setting. A large two-story addition, a secondary addition, the loss or alterations to doors and windows, a change in use, and additional construction have diminished the building's integrity of design, materials, workmanship, feeling, and association (NETROnline 2023).

Evaluation

The parcel's oldest building is a former single-family residence converted to a commercial use. The remainder of the parcel has been subject to additional construction and demolition. It is the former location of Express Towing and is today owned by Graham Real Ventures, a real estate firm (King County Assessor 2023). It appears that the building is presently vacant.

The building serves one of many commercial operations in Federal Way, but it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building has been heavily altered, and its original use has been obscured by additions and a change from residential to commercial use. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 1215 S 356th Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the parcel addressed as 1215 S 356th Street includes three buildings, an office building constructed in 1931, a prefabricated steel shed constructed in 1971 (removed between 2017 and 2019 according to historic aerials), and a storage shed constructed in 1982 (not recorded due to its young age) (King County Assessor 2023; NETROnline 2023). The only building that remains on the parcel from the historic period is the 1931 office building, addressed as 1215 S 356th Street, which is set far back on a large, paved parcel devoted to truck storage. The building has been heavily altered. At the time of survey, it was T-shaped in plan, with a one-story mass on the east end and a two-story mass on the west end added ca. 1982 (NETROnline 2023). The building sits on a poured-concrete foundation, is clad primarily in T1-11 siding, and is topped by front- and side-gabled asphalt shingle roofs with moderate eaves. All openings on visible elevations have been sealed, and it is not clear what may remain of original window and door materials.

The building's main facade faces east. The front-gabled entry includes a central entry door flanked by sealed windows. The elevation is minimally visible. East of the entry is a mobile building on skids, a narrow rectangular mass clad in narrow vertical boards with covered windows and doors facing north. It is topped by a flat roof with Mansard shingle eaves. It is not clear when this building was constructed, although additional structures were located at the primary building's east end until ca. 2017, according to aerial photos (NETROnline 2023). The primary building's north elevation includes an off-center entry door flanked east and west by sealed windows. North of the single-story mass is the two-story addition, which includes symmetrical windows on its first and second floors on both the north and west elevations.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

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Historic Property Report

Resource Name: Commercial building

Property ID: 721042

Location

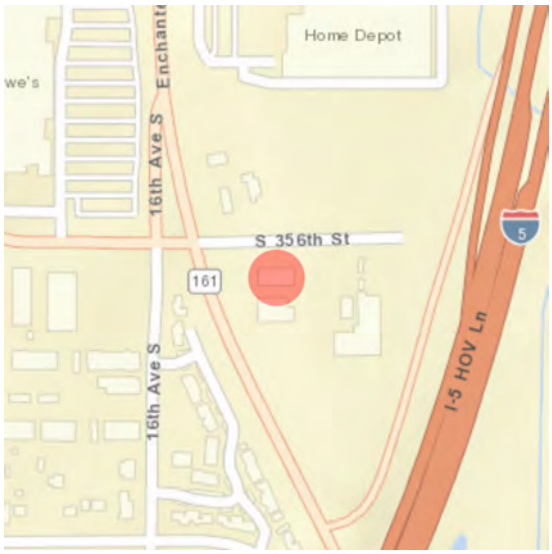

Address: 35610 Enchanted Pkwy S, Federal Way, Washington, 98003

Geographic Areas: T21R04E28, POVERTY BAY Quadrangle, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial building

Property ID: 721042

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial building

Property ID: 721042

Photos

35610 Enchanted Parkway S, view southeast.jpg

35610 Enchanted Parkway S, view northeast

35610 Enchanted Parkway S, view east.jpg

Historic Property Report

Resource Name: Commercial building

Property ID: 721042

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Concrete - Block (cmu)
Plan	Rectangle
Roof Type	Flat with Parapet
Form Type	Utilitarian
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1968), the building at 35610 Enchanted Parkway S retains integrity of location and setting, as it remains a commercial building on its original parcel. Alterations associated with a 2001 remodel, which appear to include a new use and new windows on the facade, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

According to the King County Assessor, the building at 35610 Enchanted Parkway S was originally a warehouse. It was renovated in 2001 and reused as a retail space (King County Assessor 2020). The building is not known, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse and is not significant for its architectural character (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the warehouse was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc. recommends that the building at 35610 Enchanted Parkway S is not eligible for listing in the National Register of Historic Places (NRHP) under any criteria.

Physical description:

According to the King County Assessor, the one-part commercial block at 35610 Enchanted Parkway S was constructed in 1968 (King County Assessor 2020). It faces west toward Enchanted Parkway. The rectangular, single-story building sits on a poured-concrete foundation, is constructed of concrete block, and is topped by a flat roof with parapet. The building's facade features three bays divided by pilasters that support a projecting metal awning. Each bay includes a large bank of multi-light metal windows, roughly the size of garage doors. The central bay includes an entry door paired with windows, as well as an additional bank of lights above the awning. The building's secondary south elevation includes additional secondary entries and two garage bays. The building's east and north elevations were not visible from the public right-of-way.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Garage

Property ID: 721044

Location

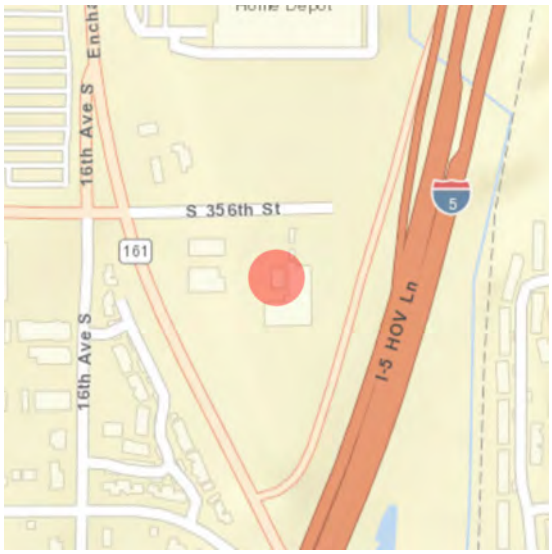

Address: 1741 S 356th St, Federal Way, Washington, 98003

Geographic Areas: POVERTY BAY Quadrangle, King County, T21R04E28

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1972	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Garage

Property ID: 721044

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Garage

Property ID: 721044

Photos

1741 S 356th Street, King County Assessor, 2015, view southeast.jpg

1741 S 356th Street, King County Assessor, 2015, view east

1741 S 356th Street, view southeast.jpg

Historic Property Report

Resource Name: Garage

Property ID: 721044

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Metal
Roof Type	Gable - Side
Roof Material	Metal
Plan	Rectangle
Form Type	Utilitarian
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1972), the garage at 1741 S 356th Street retains integrity of location, setting, design, materials, workmanship, feeling, and association as it appears to be relatively intact.

Evaluation

The garage at 1741 S 356th Street was constructed in 1972 and is not, based on a review of historic maps and local histories, known to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian garage of prefabricated metal panels and is not significant for its architectural character (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the garage was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc. recommends that the building at 1741 S 356th Street is not eligible for listing in the National Register of Historic Places (NRHP) under any criteria.

Physical description:

According to the King County Assessor, the building and storage yard at 1741 S 356th Street was constructed in 1972 (King County Assessor 2020). The building faces west toward Enchanted Parkway but is approached from the north via S 356th Street. The single-story, side-gabled garage sits on a poured-concrete foundation, is constructed of prefabricated metal panels, and is topped by a side-gabled roof with minimal eaves. The building's facade includes two garage bays and a pedestrian door. A shed-roofed addition is located off the north elevation. The building was difficult to see from the public right-of-way. Secondary elevations were not visible. Also on the parcel is a tall cell tower. While the King County Assessor does not provide any details regarding the tower's construction, it is presumed to be too young to qualify for evaluation.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Commercial building

Property ID: 721043

Location

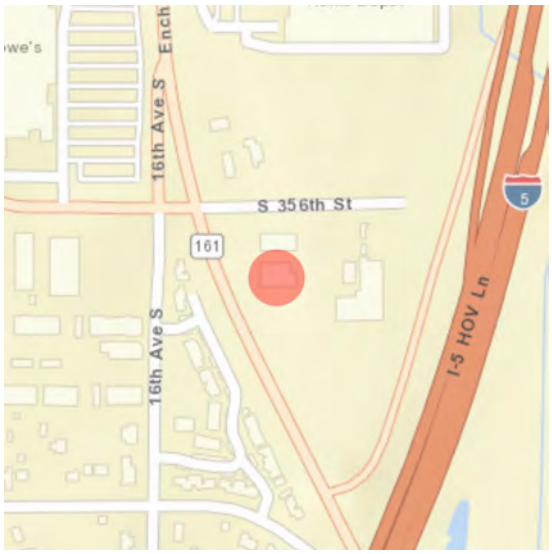

Address: 35620 Enchanted Pkwy S, Federal Way, Washington, 98003

Geographic Areas: POVERTY BAY Quadrangle, T21R04E28, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1971	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial building

Property ID: 721043

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial building

Property ID: 721043

Photos

35620 Enchanted Parkway S, view southeast.jpg

35620 Enchanted Parkway S, view northeast

35620 Enchanted Parkway S, view east

Historic Property Report

Resource Name: Commercial building

Property ID: 721043

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Concrete - Block (cmu)
Roof Type	Flat with Parapet
Structural System	Masonry - Concrete Block
Roof Material	Asphalt/Composition - Built Up

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative: Integrity

From its period of construction (1971), the warehouse at 35620 Enchanted Parkway S appears to retain integrity of location, setting, design, materials, workmanship, feeling, and association as it appears to be relatively intact.

Evaluation

The building at 35620 Enchanted Parkway S was constructed in 1971 and is not known, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse and is not significant for its architectural character (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the warehouse was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc. recommends that the building at 35620 Enchanted Parkway S is not eligible for listing in the National Register of Historic Places (NRHP) under any criteria.

Physical description: According to the King County Assessor, the commercial block at 35620 Enchanted Parkway S was constructed in 1971 (King County Assessor 2020). The building is a large, square concrete-block warehouse building that faces west toward Enchanted Parkway S. The building sits on a poured-concrete foundation, includes painted concrete block on the facade, and is clad in ribbed metal panels on side elevations. It is topped by a flat roof with parapet. The facade includes a large overhead garage door south of a simple metal-framed entry under an awning including signage for Blackstone's Collision. Side elevations include garage bays.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 339491

Location

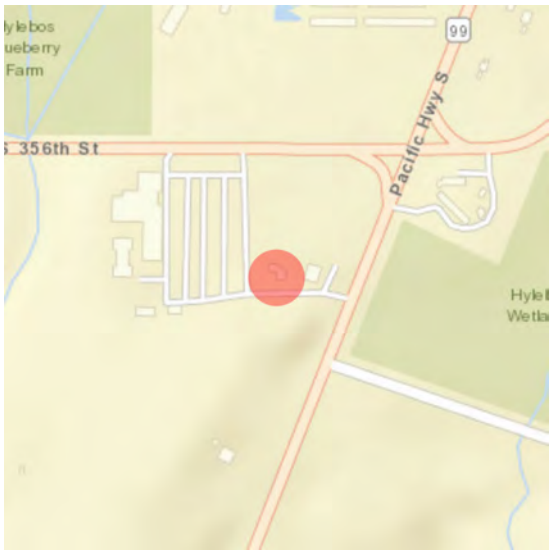

Address:	35800 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	2921049124
Plat/Block/Lot:	LOT 2 KC SHORT PLAT 674211 RECAF #7801240947 SD PL
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E29

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1955	☐
Addition	1972	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 339491

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00111, , Assessors Data Project: King County E		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

35800 Pacific Highway S, view east.

35800 Pacific Highway S, view east.

Historic Property Report

Historic Name: Brook Lake Community Church Property ID: 339491

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2921049124

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 35800 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1955 and is a professional building. Also according to the county assessor, the structure was remodeled in 1980. The 1-story building has a commercial form.

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 339491

Inventory Details - 10/18/2023

Common name:	Single-family residence; commercial office
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Cladding	Wood - T 1-11
Roof Type	Shed
Roof Material	Asphalt/Composition - Built Up
Plan	L-Shape
Structural System	Wood - Platform Frame
Form Type	Single Dwelling

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1955), the building at 35800 Pacific Highway S retains integrity of location, as it remains on its original parcel. It does not retain integrity of setting, as its views of Pacific Highway have been obscured by the addition of a new building to the east. It does not retain integrity of design, materials, workmanship, feeling, or association, as it has been altered by the addition of incompatible materials including cement boards and changes to its original fenestration patterns, including the covering of windows. Additionally, its large portico and glazed entry is incompatible with its date of construction and was likely added to pair the building with 35717 Pacific Highway S, added to the east in 1972. Finally, both 35717 and 35800 Pacific Highway S have been altered by conversion to a new religious use and association with a complex to the west. However, county records suggest the building was recently acquired by an accounting firm, and it may now serve as independent commercial offices.

Evaluation

The building at 35800 Pacific Highway S was constructed in 1955 and likely served as an independent, single-family residence. It was then converted to an office use for the Brook Lake Community Church, which also used the 1972 building to the east. The parcels on which these two buildings sit back up to an approximately 9-acre parcel to the west, which includes the three primary buildings of the Brook Lake Community Church, constructed in 1989, as well as its large parking lot.

The building has served a church and Sunday school in Federal Way, but was converted in 2021 to offices for an accounting firm (King County 2023). It does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building has been heavily altered, particularly at the entry, which has obscured its original character. Additional construction and a change from residential to religious offices altered its associated patterns of use and site development. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 35800 Pacific Highway S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the building at 35800 Pacific Highway S was constructed in 1955 (King County Assessor 2023). The building is set on a flag lot behind a building constructed in 1972 (35717 Pacific Highway S, recorded separately) and was minimally visible from the public right-of-way at the time of survey. The building is a single-story tall on the south end and two-stories tall on the north end. It sits on a poured-concrete foundation, is clad in a combination of cement boards and T1-11 (rear), and is topped by two built-up shed roofs. The building is L shaped in plan and faces east, with a garage to the rear (west).

The building's main facade includes a central entry on its single-story mass, glazed swinging doors with internal grids flanked north and south by rectangular windows. The entry shelters under an oversized, arched portico supported by square posts. North of the single-story mass, the building includes a one-over-one aluminum-frame window and a sliding window. Pictures from 2020 show that a wide window was once located below the sliding window, but it has since been sealed with siding. Secondary elevations were not visible, but online photos suggest that the rear elevations are clad in T1-11, include secondary pedestrian doors and fixed and sliding windows (CoStar Realty 2022).

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

CoStar Realty
2020 Showcase: 35800 Pacific Hwy S – Office for Sale. Electronic document, https://www.showcase.com/35800-pacific-hwy-s-federal-way-wa-98003/21582618/ e.com, accessed January 3, 2023.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 731976

Location

Address: 35717 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1972	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 731976

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 731976

Photos

35717 Pacific Highway S, view northeast.

35717 Pacific Highway S, view east.

Historic Property Report

Historic Name: Brook Lake Community Church

Property ID: 731976

Inventory Details - 10/18/2023

Common name:	Professional Offices
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Roof Type	Hip
Roof Material	Metal - Standing Seam
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1972), the building at 35717 Pacific Highway S retains integrity of location and setting, as it remains on its original parcel in association with the building to the west, 25800 Pacific Highway S. The building does not retain integrity of design, materials, workmanship, feeling, or association, as it has been altered by the addition of incompatible materials including cement board siding, vinyl-frame windows, and standing-seam metal roofing. Original fenestration patterns have been altered, as when the pedestrian door on the first floor was sealed and sided. Additionally, both 35717 and 35800 Pacific Highway S were altered by conversion to a new religious use and association with a complex to the west. However, county records suggest the building was recently acquired by an accounting firm, and it may now serve as independent commercial offices.

Evaluation

The building at 35717 Pacific Highway S was constructed in 1972 as offices. It was then used by the Brook Lake Community Church, which also used the 1955 building to the west. The parcels on which these two buildings sit back up to an approximately 9-acre parcel to the west, which includes the three primary buildings of the Brook Lake Community Church, constructed in 1989, as well as its large parking lot.

The building has served a church and Sunday school in Federal Way, but was converted in 2021 to offices for an accounting firm (King County 2023). It does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building has been heavily altered by the additional of replacement materials and no longer retains the character of a 1972 office building. Additionally, its association with the Brook Lake Community Church altered its associated patterns of use and site development. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 35717 Pacific Highway S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the building at 35717 Pacific Highway S was constructed in 1972 (King County Assessor 2023). It joined a building at 25800 Pacific Highway S, recorded separately, with which it shares a parking lot and ownership. The building at 35717 Pacific Highway S is two-stories tall, rectangular in plan, and faces east toward Pacific Highway S. It sits on a poured-concrete foundation, is clad in cement boards, and is topped by a hipped standing-seam metal roof.

The building's facade includes a large central entry made up of double, glazed, swinging doors topped by a decorative fan light. Doors are flanked north and south by rectangular windows. The entry shelters under an oversized, arched portico supported by square posts. North of the entry is a single window and a former door that has been sealed and sided. On the upper floor are symmetrical fixed and sliding vinyl-frame windows. The secondary south elevation includes vinyl-frame rectangular windows on the first and second floors.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Historic Property Report

Historic Name: Stigelmayer residence

Property ID: 323879

Location

Address:	35935 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	2921049020
Plat/Block/Lot:	POR OF S 1/2 OF SE 1/4 OF NW 1/4& OF S 1/2 OF SW 1
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E29

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1958	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Stigelmayer residence

Property ID: 323879

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

35935 Pacific Highway S, courtesy of the King County Assessor.jpg

35935 Pacific Highway S, courtesy of the King County Assessor.

Historic Property Report

Historic Name: Stigelmayer residence

Property ID: 323879

Inventory Details - 7/11/2011

Common name:

Date recorded: 7/11/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2921049020

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 35935 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1958 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Historic Name: Stigelmayer residence

Property ID: 323879

Inventory Details - 10/18/2023

Common name:	Single-family residence
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Plan	Rectangle
Structural System	Wood - Platform Frame
Foundation	Concrete - Poured
Roof Type	Shed
Form Type	Single Dwelling
Roof Material	Asphalt/Composition
Cladding	Wood

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: Resources at 35935 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
From its period of construction (1958), King County Assessor's records indicate that the building, which may retain integrity of location, setting, feeling, and association, has lost integrity of design, materials, and workmanship, due to re-siding and window and door replacement. Integrity cannot be assessed from publicly available data.

Evaluation
According to the King County Assessor, the residence at 35935 Pacific Highway S is associated with a residential parcel to the west, outside the APE for the project (35929 Pacific Highway S). The buildings at 35929 and 35935 Pacific Highway S were acquired by new owners in 2018. Research revealed little about their previous owners or occupants, apart from a brief obituary that identified one former resident, Arlene Stigelmayer, a wife, mother and member of the Eagles Lodge in Buckley, who lived at this address at the time of her death in 1979 (Tacoma News Tribune 1979).

The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). From King County Assessor's photos, the building appears to be modest in plan, two-stories tall, with few character-defining features apart from its massing. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review, and due to a lack of significance and loss of integrity, as indicated by archival research, Historical Research Associates, Inc., recommends 35935 Pacific Highway S not eligible for listing in the National Register of Historic Places under any criteria, pending on-site survey and inventory.

Physical description: According to the King County Assessor, the parcel addressed as 35935 Pacific Highway S includes a single-family residence constructed in 1958 (King County Assessor 2023). The resource was not visible from the public right-of-way. Research indicates that the building is a two-story, shed-roofed residence with a shed-roofed projection off the north elevation. King County Assessor's records indicate that the building was re-sided and its windows and doors were replaced in 2019 (King County Assessor 2023).

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Tacoma News Tribune
1979 Obituary, Arle Stigelmayer, June 15.

Historic Property Report

Resource Name: Residence

Property ID: 308766

Location

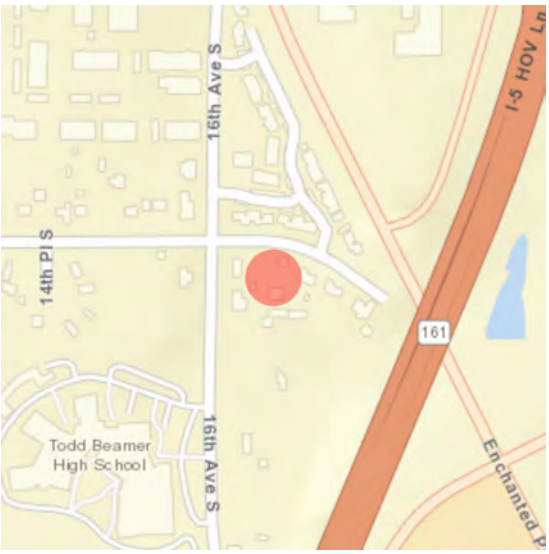

Address:	1615 S 359TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	2821049140
Plat/Block/Lot:	POR OF E 100 FT OF W 240 FT OFSW 1/4 OF SW 1/4 OF
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1957	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 308766

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/8/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 308766

Photos

1615 S 359th Street

1615 S 359th Street, King County Assessor, 1957

1615 S 359th Street

Historic Property Report

Resource Name: Residence

Property ID: 308766

Inventory Details - 7/8/2011

Common name:

Date recorded: 7/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2821049140

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 1615 S 359th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1957 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 308766

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1957), the residence at 1615 S 359th Street retains integrity of location and setting, although alterations, including recladding and window replacement, and the enclosure of a former carport and porch have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1615 S 359th Street was constructed in 1957. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a heavily altered Ranch house, featuring few character-defining features from the historic period (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 1615 S 359th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 1615 S 359th Street was constructed in 1957 (King County Assessor 2020). The one-story, Ranch-style residence faces north toward S 359th Street and is mostly obscured by mature foliage on the north side of the property. It sits on a poured-concrete foundation, is clad in wood clapboard, and is topped by a side-gabled asphalt roof. The building's main facade features a small gable over the front entrance. There are vinyl-framed windows on all visible elevations. There is a detached two-bay garage clad in wood clapboard at the northeast corner of the property with a side-gabled asphalt roof.

Historic Property Report

Resource Name: Residence

Property ID: 321243

Location

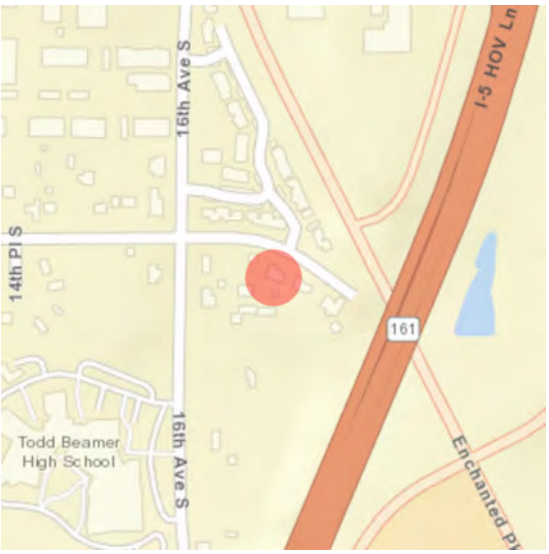

Address:	1625 S 359TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	2821049134
Plat/Block/Lot:	BEG AT PT WH BEARS S 89-54-00 E 240 FT & N 00-17-2
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1959	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 321243

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/10/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 321243

Photos

1625 S 359th Street

1625 S 359th Street

Historic Property Report

Resource Name: Residence

Property ID: 321243

Inventory Details - 7/10/2011

Common name:

Date recorded: 7/10/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2821049134

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 1625 S 359th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1959 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 321243

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	U-Shape
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1959), the residence at 1625 S 359th Street retains integrity of location and setting, although alterations including recladding, window replacement, and altered fenestration have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1625 S 359th Street was constructed in 1959. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring few features of the type, apart from its plan and wide eaves (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 1625 S 359th Street is not eligible for listing in the National Register of Historic Preservation under any criteria.

Physical description:

According to the King County Assessor, the residence at 1625 S 359th Street was constructed in 1959 (King County Assessor 2020). The U-shaped, Ranch-style residence faces north toward S 359th Street and is a single story atop a daylight basement built into a hillside. It sits on a poured-concrete foundation, is clad in wood clapboard, and is topped by a hipped asphalt roof. The facade features an east-facing entry door on the west wing paired with a raised porch between the building's east and west wings. The attached garage is accessible from the front-facing elevation and is located on the east wing. There are vinyl-framed windows in altered fenestration, and the front door has been moved.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 309890

Location

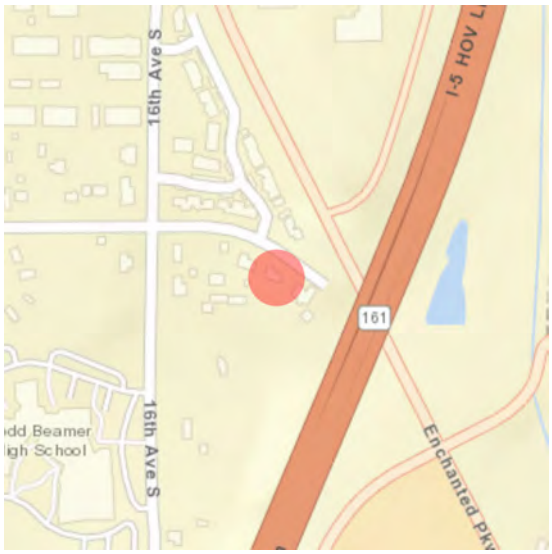

Address:	1635 S 359TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	2821049135
Plat/Block/Lot:	BEG AT PT WH BEARS S 89-54-00 E 440 FT & N 00-17-2
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1959	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 309890

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/8/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 309890

Photos

1635 S 359th Street, view south.

1635 S 359th Street, King County Assessor, 1959, view south.

1635 S 359th Street, façade detail, view south.

Historic Property Report

Resource Name: Residence

Property ID: 309890

Inventory Details - 7/8/2011

Common name:

Date recorded: 7/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2821049135

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 1635 S 359th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1959 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 309890

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Foundation	Concrete - Poured
Cladding	Wood - Board & Batten
Cladding	Wood - Clapboard
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1959), the residence at 1635 S 359th Street retains integrity of location, setting, feeling, and association, as it continues to fulfill its original role on its original parcel. However, alterations, including incompatible vinyl-framed replacement windows, have diminished its integrity of design, materials, and workmanship.

Evaluation

The residence at 1635 S 359th Street was constructed in 1959 and, based on a review of historic maps and local histories, does not appear to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal that the residence held any association with the lives of significant persons (Criterion B). Due to the ubiquitous nature of Ranch houses of this type, only those with a significant number of original character-defining features and excellent integrity are likely to qualify for listing in the NRHP under Criterion C. This house does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential district). Finally, the house was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 1635 S 359th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the single-family residence at 1635 S 359th Street was constructed in 1959 (King County Assessor 2020). The L-shaped, single-story building faces northeast toward S 359th Street. It sits on a poured-concrete foundation, is clad in vertical board-and-batten, and includes lapped boards in the gable above the attached garage. It is topped by a cross-gabled, asphalt roof. The facade features a central entry, flanked to the east by sliding vinyl-framed windows and to the west by a picture window and additional one-over-one vinyl-framed windows. Below these windows is an attached brick planter box. The house includes an internal brick chimney and a projecting gabled garage on the west end. Secondary elevations were not visible.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Harding School

Property ID: 338722

Location

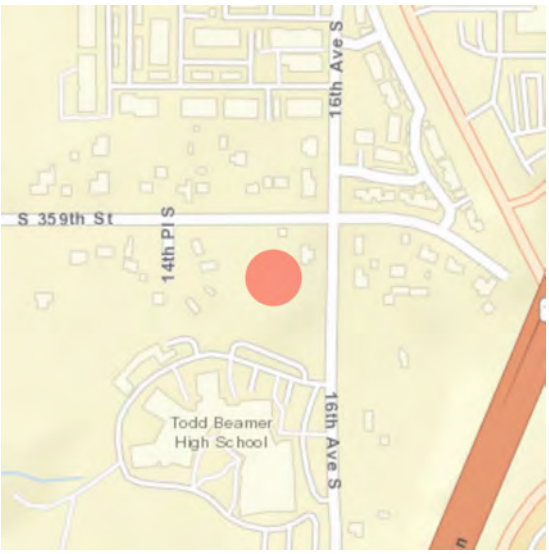

Address:	35905 16TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	2921049034
Plat/Block/Lot:	E 394 FT OF POR OF S 1/4 OF SE 1/4 OF NE 1/4 OF ST
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E29

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1918	☐
Addition	1980	☑

Historic Use:

Category	Subcategory
Education	Education - School
Religion	Religion - Religious Facility
Education	Education - School
Religion	Religion - Religious Facility

Historic Context:

Category
Architecture
Architecture

Historic Property Report

Resource Name: Harding School

Property ID: 338722

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00111, , Assessors Data Project: King County E	7/2/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/17/2020	Survey/Inventory	

Historic Property Report

Resource Name: Harding School

Property ID: 338722

Photos

35905 16th Ave S, view southwest

35905 16th Ave S, view northwest

35905 16th Ave S, view west

Harding School, 1978, Historical Society of Federal Way

Historic Property Report

Resource Name: Harding School

Property ID: 338722

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2921049034

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Form Type	Church

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 35905 16th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1918 and is a religious facility. Also according to the county assessor, the structure was remodeled in 1950. The 1-story building has a church form.

Historic Property Report

Resource Name: Harding School

Property ID: 338722

Inventory Details - 4/17/2020

Common name:

Date recorded: 4/17/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	T-Shape
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Church - No Steeple
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Colonial Revival

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1918), the church and functionally related well house (former school) at 35905 16th Avenue S retain integrity of location and setting, although alterations, including window replacement, porch additions, chimney removal, and several changes of use, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The church building and outbuildings (former school) at 35905 16th Avenue S were constructed in 1918 as a schoolhouse and teacherage and named the Harding School in 1922. They are best understood under one context, but the former teacherage is evaluated separately. The school replaced the North Edgewood School, the first school in District 42, which had been erected in 1884. The Harding School was only open from 1920 to 1929, when the school district was reorganized. During the 1930s, the Works Progress Administration (WPA) used the school building as an office. The buildings were briefly used as the Harding School again in the early 1940s due to influx of military families moving to the area during World War II. After the war, the buildings were used as community buildings. From 1967 to 1975, the buildings were used as a private residence. Since 1975, the complex has been used as a church facility, and currently houses the Federal Way Baptist Church (Caster 2008:20–21). The primary building is significant as an educational and community building that has been serving the Federal Way area since 1918 (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an altered examples of a Colonial Revival schoolhouse from the early twentieth century (Criterion C). However due to alterations, the building has lost architectural integrity from the historic period. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

In spite of the complex's significance under Criterion A, the former schoolhouse, now a church building at 35905 16th Avenue S no longer retains sufficient integrity and is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the King County Assessor, the church and functionally related wellhouse (former school) at 35905 16th Avenue S were constructed in 1918 (King County Assessor 2020). The complex fronts east toward 16th Avenue S. The primary two-story, T-shaped building sits on a poured-concrete foundation with a basement, is clad in drop siding, and is topped by a cross-gabled asphalt roof. The main entrance on the east facade consists of double doors under a gabled portico. Flanking windows are vinyl framed in their original fenestration. Under each gable end on primary and secondary elevations are small Palladian style windows, also vinyl framed. The basement windows have been covered with plywood. A secondary entrance is elevated on the north elevation.

Two functionally related outbuildings sit west and northwest of the main building. The teacherage is evaluated separately. The outbuilding west of the church was originally a well house and remains a simple rectangular building. The well house is clad in drop siding, has an entry door at the southeast corner and single a vinyl-framed window, and is topped by a side-gabled asphalt roof.

Bibliography:

Caster, Dick. 2008. Federal Way Area School History. Report prepared for the Historical Society of Federal Way, Pierce County, Washington. Electronic document, http://www.federalwayhistory.org/pdf/FederalWayAreaSchoolHistoryMay282008.pdf, accessed April 16, 2020.

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Harding School Teacherage

Property ID: 722118

Location

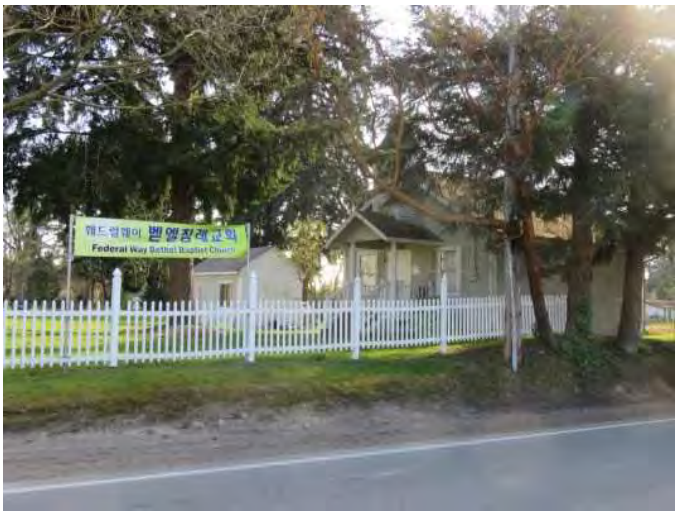

Address: 35905 16th Ave S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1918	☐
Remodel	1980	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Institutional Housing
Religion	Religion - Religious Facility
Domestic	Domestic - Institutional Housing
Religion	Religion - Religious Facility

Historic Context:

Category
Architecture
Education
Religion

Historic Property Report

Resource Name: Harding School Teacherage

Property ID: 722118

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/5/2020	Survey/Inventory	

Photos

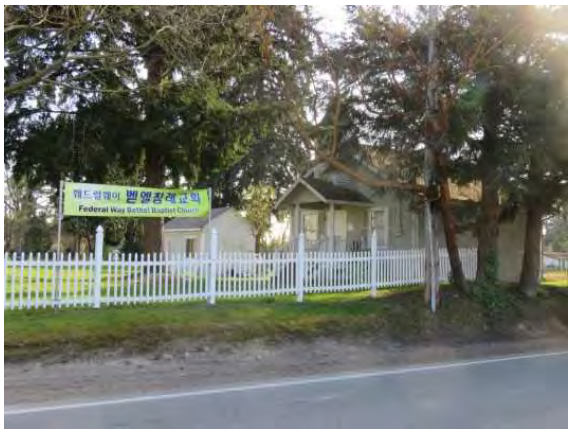

35905 16th Avenue S, teacherage, view southwest.jpg

35905 16th Avenue S, teacherage, view west.jpg

Historic Property Report

Resource Name: Harding School Teacherage

Property ID: 722118

Inventory Details - 6/5/2020

Common name:

Date recorded: 6/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Church - Central Steeple
Roof Type	Gable - Front
Roof Material	Asphalt/Composition
Cladding	Wood - Clapboard
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Colonial Revival

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1918), the chapel (former teacherage) at 35905 16th Avenue S retains integrity of location and setting, although alterations, including window replacement, a new steeple, and several changes of use, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The chapel and associated buildings at 35905 16th Avenue S were constructed in 1918 as a teacherage and schoolhouse and named the Harding School in 1922. They are best understood under one context, but the former schoolhouse and well house are evaluated separately. The school replaced the North Edgewood School, the first school in District 42, which had been erected in 1884. The Harding School was only open from 1920 to 1929, when the school district was reorganized. During the 1930s, the Works Progress Administration (WPA) used the school building as an office. The buildings were briefly used as the Harding School again in the early 1940s due to influx of military families moving to the area during World War II. After the war, the buildings were used as community buildings. From 1967 to 1975, the buildings were used as a private residence. Since 1975, the complex has been used as a church facility, and currently houses the Federal Way Baptist Church (Caster 2008:20–21). The former teacherage is significant as an former school building and community building that has been serving the Federal Way area since 1918 (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an altered examples of a Colonial Revival teacherage from the early twentieth century (Criterion C). However due to alterations, particularly the addition of a steeple, the building has lost architectural integrity from the historic period. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

In spite of the complex's significance under Criterion A, the former teacherage, now a church building at 35905 16th Avenue S, no longer retains sufficient integrity and is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the King County Assessor, the chapel (former teacherage) at 35905 16th Avenue S were constructed in 1918 (King County Assessor 2020). Along with the school complex, the chapel fronts east toward 16th Avenue S. The single-story, rectangular building sits on a poured-concrete foundation, is clad in drop siding, and is topped by a front-gabled roof with added steeple above the central entry. The main entrance on the east facade consists of a projecting stoop under a projecting gable with replacement railing. The single door appears to be a replacement, based on its off-center installation, and flanking windows are a combination of multi-light and one-over-one windows, likely in altered fenestration. No windows are located on the visible north elevation. Freestanding signage has been added identifying the building.

Bibliography:

Caster, Dick. 2008. Federal Way Area School History. Report prepared for the Historical Society of Federal Way, Pierce County, Washington. Electronic document, http://www.federalwayhistory.org/pdf/FederalWayAreaSchoolHistoryMay282008.pdf, accessed April 16, 2020.

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 307826

Location

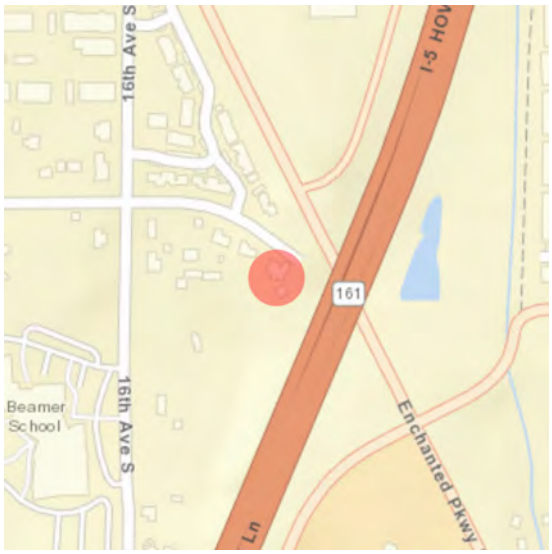

Address:	1649 S 359TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	2821049132
Plat/Block/Lot:	POR OF SW 1/4 OF NW 1/4-BEG AT PT WH BEARS S 89-54
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1959	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 307826

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 307826

Photos

1649 S 359th Street, view south.

1649 359th Street, King County Assessor, 1959, view south

1649 S 359th Street, façade, view south.

Historic Property Report

Resource Name: Residence

Property ID: 307826

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2821049132

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 1649 S 359th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1959 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 307826

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	U-Shape
Foundation	Concrete - Poured
Form Type	Single Dwelling - Ranch
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Clapboard
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its date of construction (1959), the residence at 1649 S 359th Street retains integrity of location and setting, although an addition and garage conversion, along with the use of incompatible materials including vinyl-framed windows, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1649 S 359th Street was constructed in 1959 and does not appear, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal that the residence held any association with the lives of significant persons (Criterion B). Due to the ubiquitous nature of Ranch houses of this type, only those with a significant number of original character-defining features and excellent integrity are likely to qualify for listing in the National Register of Historic Places (NRHP) under Criterion C. This house does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the house was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on lack of significance and integrity, Historical Research Associates, Inc. (HRA) recommends that the residence at 1649 S 359th Street is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the King County Assessor, the Modern single-family residence at 1649 S 359th Street was constructed in 1959 (King County Assessor 2020). The single-story building faces northeast toward S 359th Street and is separated from I-5 to the east by a planted barrier. The building has a U-shaped, Ranch house plan, sits on a poured-concrete foundation, is clad in bands of lapped boards below wood sheet, and is topped by a cross-gabled, asphalt-shingled roof. The building's facade features two gable-fronted projections, one of which is likely an addition. The building does not include an attached garage, suggesting that a former garage has since been converted to living space. A concrete pad is located between the two projections and provides access to the entry, which is flanked by vinyl-framed sliding windows on all visible elevations. Secondary elevations were not visible.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 399052

Location

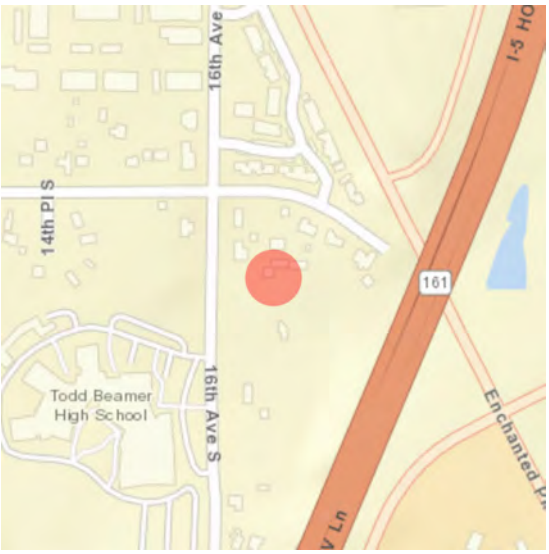

Address:	35926 16TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	2821049115
Plat/Block/Lot:	E 100 FT OF W 240 FT OF S 155.24 FT OF SW 1/4 OF N
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E28

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1959	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 399052

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 399052

Photos

16th Avenue S

35296 16th Avenue S

35926 16th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 399052

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2821049115

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 35926 16th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1959 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 399052

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1959), the residence at 35926 16th Avenue S retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 35926 16th Avenue S was constructed in 1959. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest post-World War II residence with minimal architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 35926 16th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 35926 16th Avenue S was constructed in 1959 (King County Assessor 2020). The single-story, rectangular residence sits atop a daylight basement and faces south toward 16th Avenue S. It is built into a hillside. The building sits on a poured-concrete foundation, is clad in wood clapboard, and is topped by a side-gabled asphalt roof. On the south-facing facade is a large wood deck that doubly serves as the entry porch supported by braced wood posts. The facade includes an off-center entry flanked east and west by vinyl-framed windows in altered fenestration. The facade shelters under a deep eave supported by wood posts There is a large, possibly detached, garage northeast of the main building that is minimally visible from the ROW. A small storage shed with T1-11 siding and a gabled asphalt roof is located directly west of the house.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.
NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Single-family residence

Property ID: 721374

Location

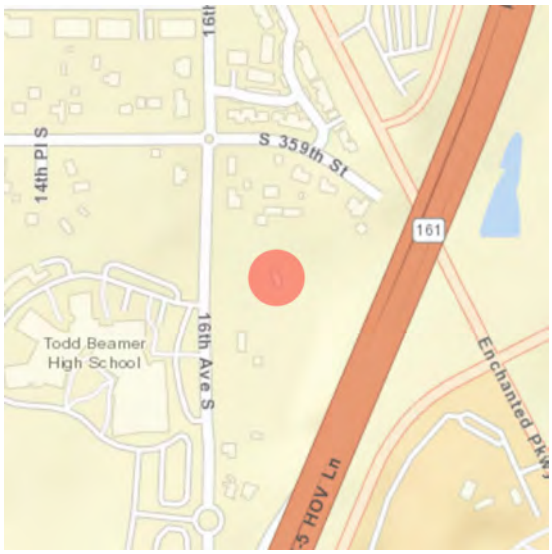

Address: 36010 16th Ave S, Federal Way, Washington, 98003

Tax No/Parcel No: 2821049190

Geographic Areas: POVERTY BAY Quadrangle, T21R04E28, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 721374

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Single-family residence

Property ID: 721374

Photos

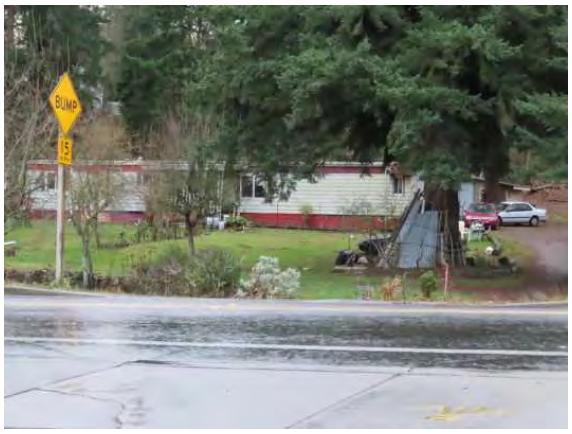

36010 16th Avenue S, view northeast.

36010 16th Avenue S, view east.

36010 16th Avenue S, view east.

6 Parcel 2821049190 36010 16th Avenue S, view northeast.

6 Parcel 2821049190 36010 16th Avenue S, view east.

Historic Property Report

Historic Name: Single-family residence

Property ID: 721374

Inventory Details - 10/18/2023

Common name: Single-family residence

Date recorded: 10/18/2023

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Post & Pier
Roof Type	Flat with Eaves
Roof Material	Metal
Cladding	Metal - Aluminum Siding
Structural System	Wood - Prefabricated
Plan	Rectangle
Form Type	Single Dwelling Mobile Home – Single Wide

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1978), the mobile home at 36010 16th Avenue S retains integrity of location, setting, feeling, and association, as it remains on its original parcel and retains its original function. Window replacement has diminished its integrity of design, materials, and workmanship.

Evaluation

The mobile home at 36010 16th Avenue S, identified as a “Four Seasons single-wide” by the King County Assessor, was manufactured and installed at this location in 1978 (King County Assessor 2023). It sits on a large parcel and serves as a single-family residence.

Mobile homes on rural properties are common outside of established towns and cities and were generally used as single-family housing and sometimes as work trailers for management of the land. As noted by the National Trust for Historic Preservation, "especially during and after World War II, workers lived in mobile homes near otherwise unoccupied agricultural spaces and railroads... when the war ended, the country experienced a massive housing shortage, so more mobile homes sprung up. Much of the baby boomer generation's early years were spent in mobile homes, and the homes became increasingly popular in the 1960s and 70s" (Bear 2018).

Distinctive examples of mobile homes and mobile home parks can qualify for listing in the NRHP. However, this example does not appear to hold any significant associations with trends or events associated with rural life, the war, the post-war housing shortage, or land management. The building was installed late in the 1970s and does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). Mobile homes are manufactured homes generally mass produced and trucked to a location for installation. While this example has been located on this parcel since the 1970s, it does not appear to possess significant or distinctive features associated with mobile home design, which may include, for instance, elements of futuristic design. Additionally, although the building does possess some of the distinctive characteristics of its particular type, period, and method of construction, including its massing and aluminum siding, the loss of original windows and the addition of vinyl windows has diminished its ability to convey any significance. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity due to window loss, Historical Research Associates, Inc., recommends 36010 16th Avenue S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the parcel addressed as 36010 16th Avenue S includes a mobile home installed in 1978 (King County Assessor 2023). Aerial photographs confirm that the building was installed at this location by 1980 (NETROnline 2023). The building is rectangular in plan, a single-story tall, and installed on a large residential parcel with a detached storage shed or other outbuilding to the rear. The building's foundation was not visible, but the building is clad in aluminum siding and topped by a flat roof.

The building's main facade includes a central projecting porch with stair and simple square railing under a projecting standing-seam metal roof. Flanking the primary entry are sliding vinyl-frame windows with inoperable shutters. One shallow aluminum-frame window, likely an awning window, is located at the top of the wall, suggesting windows may have been aluminum at the time of the building's construction.

To the rear of the parcel is a secondary building clad in T1-11 with a pedestrian door and large swinging doors. Minimally visible windows on the west- and south-facing elevations appear to be vinyl-frame sliding windows.

Bibliography:

Bear, Carson
2018 Are Mobile Homes a Forgotten Historic Resource? National Trust for Historic Preservation. Electronic document, https://savingplaces.org/stories/are-mobile-homes-a-forgotten-historic-resource, accessed January 12, 2024.

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Resource Name: Residence

Property ID: 392772

Location

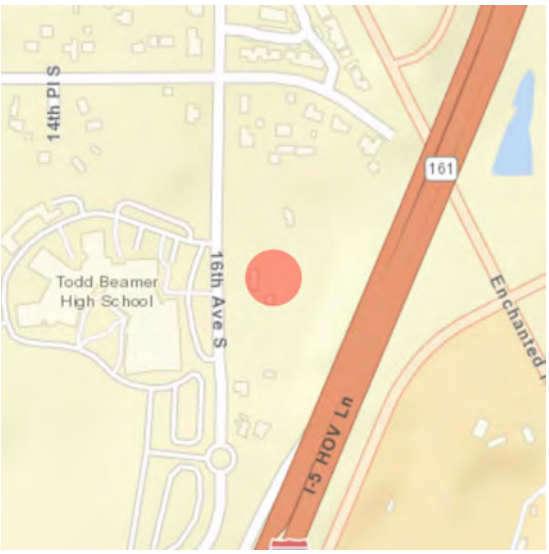

Address:	36028 16TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	2821049107
Plat/Block/Lot:	LOT 2 KC SHORT PLAT NO 477045 RECORDING NO 7708030
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E28

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1956	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 392772

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00115, , Assessors Data Project: King County H	7/5/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 392772

Photos

36028 16th Avenue S

36028 16th Avenue S, King County Assessor, 1957

36028 16th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 392772

Inventory Details - 7/5/2011

Common name:

Date recorded: 7/5/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2821049107

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36028 16th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1956 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 392772

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Vinyl Siding
Cladding	Concrete
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1956), the residence and garage at 36028 16th Avenue S retain integrity of location and setting, although alterations, including a garage conversion, recladding, window replacement, and altered fenestration, have diminished the integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 36028 16th Avenue S was constructed in 1956. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a common post-World War II residence in a Ranch house plan with minimal architectural character apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and garage at 36028 16th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 36028 16th Avenue S was constructed in 1956 (King County Assessor 2020). The single-story, rectangular residence sits atop a daylight basement and faces west toward 16th Avenue S. It is built into a hillside. It sits on a poured-concrete foundation, is clad in vinyl siding and exposed concrete, and is topped by a side-gabled asphalt roof. The original garage at the northwest corner has been converted to living space, and the driveway has been moved south of the house. The off-center entrance is located on the main floor with direct access to the south side driveway. There are vinyl-framed windows in altered fenestration throughout and an exterior chimney on the south elevation. There is a large detached garage with T1-11 siding and a front-gabled asphalt roof southeast of the main building.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 721045

Location

Address: 36200 16th Ave S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E28, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1977	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721045

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721045

Photos

36200 16th Avenue S, view southeast.jpg

36200 16th Avenue S, view east

36200 16th Avenue S, view northeast.jpg

Historic Property Report

Resource Name: Residence

Property ID: 721045

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling - Ranch
Plan	Rectangle
Roof Type	Gable - Cross
Cladding	Metal
Foundation	Concrete - Poured
Roof Material	Metal
Structural System	Metal - Steel

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1977), the manufactured home at 36200 16th Avenue S appears to retain integrity of location and setting, although alterations to its siding and an addition to the west have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The manufactured home at 36200 16th Avenue S was constructed by Fuqua Homes in 1977. Fuqua Homes was a modular home builder located in Bend, Oregon, and Missouri. The Bend, Oregon, operation closed in 2011 after the company suffered through the housing crisis and legal conflicts (CBN 2015). The home is not known, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was prefabricated and then assembled onsite. It is not significant for its architectural character (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the home was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc. recommends that the home and associated outbuildings at 36200 16th Avenue S are not eligible for listing in the National Register of Historic Places (NRHP) under any criteria.

Physical description:

According to the King County Assessor, the resources at 36200 16th Avenue S include a “1977 Fuqua First Cabin 39/23 Double-Wide” (King County Assessor 2020). No other dates of construction are provided for additional resources, which include banks of solar panels and two prefabricated, metal-clad garage or warehouse buildings. The parcel sits between I-5 to the east and 16th Avenue S to the west. The home faces north, while the garages face south on a parcel surrounded by chain link fence. The manufactured home was minimally visible but appears to be a single-story, Ranch-style example with a wide facade, metal siding, and a peaked gable over the entry, which includes a grid of windows around a pedestrian door. Other windows on the facade appear to be one-over-one aluminum- or vinyl-framed windows. An open garage has been added to the west. Free-standing warehouse or garage buildings appear to be prefabricated, metal-clad, gabled buildings with garage bays. They are presumed to date to outside the historic period. The resources are minimally visible from the right-of-way.

Bibliography:

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Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Single-family residence

Property ID: 396993

Location

Address:	36530 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	2921049024
Plat/Block/Lot:	POR S 1/2 OF SW 1/4 LY E OF STATE RD # 1 LESS POR
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E29, King County Certified Local Government

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1900	☐

Historic Use:

Category	Subcategory

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 396993

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

36530A Pacific Highway S A, courtesy of the King County Assessor.

Floorplan of 36530A Pacific Highway S A, courtesy of the King County Assessor.

Historic Property Report

Historic Name: Single-family residence

Property ID: 396993

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2921049024

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36530 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1900 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1960. The building has a single-family form.

Inventory Details - 10/18/2023

Common name: K.C.J. Stables

Date recorded: 10/18/2023

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative: Resources at 36530 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
From its period of construction (1900 to 1978), the residence and associated barns and sheds at 36530A Pacific Highway S may retain integrity of location, although waves of construction and alteration likely diminished their integrity of setting, design, materials, workmanship, and feeling. Integrity cannot be fully assessed from publicly available data.

Evaluation
The parcel addressed as 36530A Pacific Highway S includes buildings and structures that date to 1900, according to the King County Assessor. In 1907, maps show the location as part of a larger land holding owned by John P. Gale (Anderson Map Co. 1907). Additional research would be required to confirm his identity, but local newspapers describe a John P. Gale who was an early gold miner in California, a blacksmith in Oregon, and a resident of Tacoma before his death in 1907. In later life, according to the Tacoma Daily Ledger,"… he became the owner of a 200-acre farm near the Indian School" (Tacoma Daily Ledger 1907).

While it is not clear from available data that the parcel has always been used to board horses, historic aerial photos show the parcel was a relatively remote, undeveloped parcel with a series of outbuildings since at least 1936 (NETROnline 2023).

Based on the age of extant resources, the historically rural nature of the property, as indicated by local histories, maps, and aerials, and the history of agricultural development in King County, one or more buildings or structures at this location may hold important associations with events that made a significant contribution to the broad patterns of local, state, or national history, likely in the area of agriculture (Criterion A). Although additional research is required, it is also possible that extant resources are associated with a person possessing documented significance within a local context,

namely John P. Gale (Criterion B). From King County Assessor's photos and aerials, the primary building at this location appears to be an early farmhouse that has been greatly expanded. Additional onsite research would be required to confirm whether the building, along with barns and other outbuildings, possess the distinctive characteristics of a particular type, period, or method of construction, or represent the work of a master, or possess high artistic values, or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, additional research would be required to determine whether the resources could answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources and without confirming integrity through onsite survey, Historical Research Associates, Inc., recommends 36530 Pacific Highway S be presumed eligible for listing in the National Register of Historic Places under a combination of Criteria A and B, pending survey and inventory, for the sake of project review. The period of significance for the resource is presumed to date to 1900, and the boundary of the eligible resources is presumed to be the current and historic tax parcel boundary.

Physical description:

According to the King County Assessor, there are two parcels addressed as 36530 Pacific Highway S (King County Assessor 2023). This one includes a number of buildings and structures associated with a horse-boarding stable known as K.C.J. Stables. The buildings are located at a distance from the roadway, are screened from view by mature trees, and are not publicly accessible. Both parcels are owned by the same family (identified as "Culliton" in county records) (King County Assessor 2023). For the sake of this evaluation, they are known as 36530A Pacific Highway S and 36530B Pacific Highway S. 36530B Pacific Highway S was assessed separately.

Research indicates that the parcel includes numerous buildings constructed in 1980 or earlier. These include a residence constructed in 1900, two sheds from 1925, a barn from 1938, a barn and stables from 1944, as well as a carport from 1977. Additional built resources may also be present (King County Assessor 2023). Phases of development are evident in a comparison of historic aerial imagery (NETROnline 2023).

Bibliography:

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1907 King County 1907, Township 21 North, Range 4 East. Electronic document, historicmapworks.com, accessed July 26, 2023.

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NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Tacoma Daily Ledger
1907 105 Nurses Pass State Quizzes, July 1.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 1, 2, and 3

Property ID: 731992

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: POVERTY BAY Quadrangle, King County Certified Local Government, King County, T21R04E29

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1944	☐

Historic Use:

Category	Subcategory
Recreation and Culture	Recreation and Culture - Outdoor Recreation
Recreation and Culture	Recreation and Culture - Outdoor Recreation

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 1, 2, and 3

Property ID: 731992

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 1, 2, and 3

Property ID: 731992

Photos

36605 Pacific Highway, Classrooms 1, 2, and 3, view south.

36605 Pacific Highway, Classrooms 1, 2, and 3, view north.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 1, 2, and 3

Property ID: 731992

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School; Spring Valley Trout Farm
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Board & Batten
Cladding	Wood - T 1-11
Cladding	Brick
Structural System	Wood - Platform Frame
Plan	Irregular

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The building containing classrooms 1, 2, and 3 and its outbuilding are part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building containing classrooms 1, 2, and 3, plus its small associated outbuilding, are evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
The building containing classrooms 1, 2, and 3, constructed in 1944, retains integrity of location, as it remains on its original parcel. Some alterations to fenestration and replacement siding, likely associated with its conversion to an educational use and associated maintenance, have diminished its integrity of design, materials, and

workmanship. A change of use associated with the site's redevelopment as a school in the 1950s has diminished its integrity of setting, feeling, and association. However, the school has gained historic significance in its own right, and the building containing classrooms 1, 2, and 3 and its outbuilding retain sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School accepted its first students, to convey their significance.

Evaluation

The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends "…through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times 1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring

teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, "the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses—sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, and its classrooms, are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As the primary classrooms associated with the Spring Valley School, the building including Classrooms 1, 2, and 3 is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, while the building and its outbuilding do not retain integrity from their dates of construction, visible alterations are associated with the school and its use and do not detract from the resources' ability to convey significance under Criterion A.

Campus Number 1 and the building including Classrooms 1, 2, and 3 are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education

(Montessori Academy at Spring Valley 2023). The school and its primary classrooms are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and the building including Classrooms 1, 2, and 3 retain distinctive characteristics of their particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. The buildings known as classrooms 1, 2, and 3 are significant for their plan, which retains elements of its former use, wood windows, and decorative wood features like ornamental eaves. They do not represent the works of a master; or possess high artistic values; but they do represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and its classrooms 1, 2, and 3 were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on their significance under Criteria A, B, and C, Historical Research Associates, Inc., (HRA) recommends that the Spring Valley School's Classroom 1, 2, and 3 building and its outbuilding are individually eligible for listing in the National Register of Historic Places. Their period of significance dates from the school's founding in 1960 and runs through 2011, the year Madeleine Justus retired from teaching. While some alterations have diminished the buildings' integrity, they retain the character-defining features, including wood siding, windows, and decorative eaves, that convey their significance.

From its period of significance (1960-2011), the surrounding Spring Valley School retains an assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. While the building including classrooms 1, 2, and 3 and its outbuilding are individually eligible for listing, they are best understood within their context, as contributing resources to a potential historic district. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including wood windows, wood siding, and decorative eaves, along with landscape features like the extant creek and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C, and that that the building including Classrooms 1, 2, and 3 and its outbuilding are eligible both individually and as contributing resources to the potential historic district.

Physical description: According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associated landscape features.

Classrooms 1, 2, and 3, constructed in 1944:
The primary building including classrooms 1, 2, and 3, faces northeast toward the primary school office. A play area with playground equipment is located to the east. The building is irregular in plan, constructed as a two-story, front-gabled building with single-story, side-gabled wings to the east and west. The building sits on a poured-concrete foundation, is clad primarily in wood board and batten, with some T1-11 and brick skirting, and is topped by an asphalt shingle roof. The north wing includes a recessed, covered porch with T1-11 and brick siding. It includes a pedestrian door and wood sliding windows. The central mass includes a wood Dutch door and a central nine-light, wood-frame window on the first floor and a hay loft door that has been partially filled by a three-part, vinyl-frame window on the second floor. The southern wing includes a Dutch door and additional fixed, wood-frame window. The building's south elevation includes board-and-batten siding and some brick skirting, wood-frame windows with divided lights, and a filled arched opening at the southeast corner. The rear elevation includes a chain-link enclosed outdoor classroom on post and pier foundation and a stair to a projecting addition off the second floor. The addition is clad in corrugated metal. Both the outdoor classroom and the addition are topped by corrugated roofing.

A small secondary building is located directly south of the building including Classrooms 1, 2, and 3 and is labeled "office." It was presumably constructed in 1944 with the classrooms. The small, single-story, rectangular building sits on a poured-concrete foundation, is clad in wood shiplap, and is topped by a side-gabled asphalt shingle roof with decorative wood eaves. The building includes a pedestrian wood door and wood casement window on its northeast elevation, a half-moon window on its southeast elevation, a metal sliding window topped by a half-moon transom on its southwest elevation, and no fenestration on its northwest elevation.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 1, 2, and 3

Property ID: 731992

Bibliography:

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2024 Our Founder and Our History. Electronic document, https://springvalley.org/FounderAndHistory.htm, accessed January 12, 2024.

Seattle Times
1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 4

Property ID: 731994

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: T21R04E29, King County, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1944	☐

Historic Use:

Category	Subcategory
Recreation and Culture	Recreation and Culture - Outdoor Recreation
Recreation and Culture	Recreation and Culture - Outdoor Recreation

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 4

Property ID: 731994

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 4

Property ID: 731994

Photos

36605 Pacific Highway, Classrooms 4, view south.

36605 Pacific Highway, Classrooms 4, view west.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 4

Property ID: 731994

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Structural System	Wood - Platform Frame
Plan	Rectangle
Form Type	Utilitarian

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The building containing classroom 4 is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction (1944), Classroom 4 retains integrity of location, as it remains on its original parcel. It retains integrity of design, materials, and workmanship, as it remains relatively unaltered. A change of use associated with the site's redevelopment as a school in the 1950s has diminished its integrity of setting, feeling, and association. However, the school has gained historic significance in its own right, and the building retains sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School accepted its first students, to convey its significance.

Evaluation

The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again

took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses--sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, and Classroom 4, are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As one of the primary classrooms associated with the Spring Valley School, Classroom 4 is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and Classroom 4 are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school and its primary classrooms, including Classroom 4, are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and Classroom 4 retain distinctive characteristics of their particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on

hands-on, nature-based, experiential learning possible. Classrooms, including Classroom 4, are significant for their simple plans, consistent Modern features, wood windows, and decorative wood features like ornamental eaves, features that are found on the oldest buildings remaining on campus. The building does not represent the works of a master; or possess high artistic values; but it does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and Classroom 4 were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance under Criteria A, B, and C, Historical Research Associates, Inc., (HRA) recommends that the Spring Valley School's Classroom 4 building individually eligible for listing in the National Register of Historic Places. Its period of significance dates from the school's founding in 1960 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the Spring Valley School retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; and continues to serve its primary use; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including wood windows, wood siding, and decorative eaves, along with landscape features like the extant creek and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C and that Classroom 4 qualifies as a contributing resource to the eligible district.

Physical description: According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associated landscape features.

Classroom 4, constructed in 1944
The building containing classroom 4 is a single-story, side-gabled building facing northwest. The building is rectangular in plan, sits on a poured-concrete foundation, is clad in shiplap, and is topped by an asphalt shingle roof with decorative eaves. The building's facade features an off-center entry under a projecting portico with decorative eaves supported by turned wood posts. The entry is flanked to the south by two banks of four wood casement windows and to the north by one bank of four wood casement windows. Its southwest elevation includes wood and metal pedestrian doors and wood casement windows, along with a wood deck accessed by wood stairs under the roof's deep, projecting eave with visible rafter tails. Its southeast elevation includes additional wood casement windows and a projecting shed roof canopy supported by square posts over an outdoor classroom space. Playground equipment, including a small, rectangular wood play shed, is located in fenced play areas around the building.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 4

Property ID: 731994

Bibliography:

American Montessori Society
2024a History of the American Montessori Society. Electronic document, https://amshq.org/About-AMS/History-of-AMS, accessed January 15, 2024.

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2024 Our Founder and Our History. Electronic document, https://springvalley.org/FounderAndHistory.htm, accessed January 12, 2024

Seattle Times
1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 5

Property ID: 731995

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☐

Historic Use:

Category	Subcategory
Education	Education - School
Education	Education - School

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 5

Property ID: 731995

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 5

Property ID: 731995

Photos

36605 Pacific Highway, Classrooms 5, view southwest.

36605 Pacific Highway, Classrooms 5, view east.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 5

Property ID: 731995

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Roof Type	Gable - Front
Foundation	Concrete - Poured
Cladding	Wood - Shiplap
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame
Form Type	Utilitarian

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The building containing classroom 5 is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction (1969), Classroom 5 retains integrity of location and setting, as it remains on its original parcel. It retains integrity of design, materials, workmanship, feeling, and association, as it remains relatively unchanged and continues to serve its original function.

Evaluation
The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location, a former farm and

commercial fishing pond, in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses-sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, and Classroom 5 are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As one of the primary classrooms associated with the Spring Valley School, Classroom 5 is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and Classroom 5 are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school and its primary classrooms, including Classroom 5, are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and Classroom 5 retain distinctive characteristics of their particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. Classrooms, including Classroom 5, are significant for their simple plans, consistent Modern features, wood windows, and wood features like ornamental eaves, character-defining features found on the oldest buildings on campus. Classroom 5 does not represent the works of a master; or possess

high artistic values; but it does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and Classroom 5 were built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance under Criteria A, B, and C, Historical Research Associates, Inc., (HRA) recommends that the Spring Valley School's Classroom 5 building individually eligible for listing in the National Register of Historic Places. Its period of significance dates from its construction in 1969 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the Spring Valley School retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including wood windows, wood siding, and decorative eaves, along with landscape features like the extant creek and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C and that Classroom 5 is eligible both individually and as a contributing resource to the potential district.

Physical description: According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associated landscape features.

Classroom 5, constructed in 1969
Classroom 5 is a rectangular, single-story, front-gabled building facing northwest. It is located south of the office (Classroom 4), to which it is connected by raised wood decks. The building sits on a poured-concrete foundation, is clad in shiplap, and topped by an asphalt shingle roof with deep, ornamental eaves. The building’s facade includes a single metal pedestrian door and wood casement window. Wood shelves have been installed against the siding. The building’s southwest evaluation includes wood casement windows; its southeast elevation is partially subterranean and includes a wood stair to a single metal pedestrian door under deep projecting eaves with visible rafter tails. The northeast elevation includes banks of wood casement windows and faces a chain-link enclosed play area.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classroom 5

Property ID: 731995

Bibliography:

American Montessori Society
2024a History of the American Montessori Society. Electronic document, https://amshq.org/About-AMS/History-of-AMS, accessed January 15, 2024.

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2024b History of Montessori. Electronic document, https://amshq.org/About-Montessori/History-of-Montessori, accessed January 15, 2024.

Caster, Dick
2008 Federal Way Area School History, prepared for Historical Society of Federal Way. Electronic document, Microsoft Word - FederalWayAreaSchoolHistoryMay282008.doc (federalwayhistory.org), accessed July 27, 2023.

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Montessori Academy at Spring Valley
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1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
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1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7

Property ID: 731996

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: T21R04E29, King County, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1943	☐
Addition	1975	☑

Historic Use:

Category	Subcategory
Recreation and Culture	
Recreation and Culture	

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7

Property ID: 731996

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7

Property ID: 731996

Photos

36605 Pacific Highway, Classrooms 6 and 7, view southeast.

36605 Pacific Highway, Classrooms 6 and 7, view north.

36605 Pacific Highway, Classrooms 6 and 7, garage, view north.

36605 Pacific Highway, Classrooms 6 and 7, wellhouse, view west.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7

Property ID: 731996

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Roof Type	Gable - Cross
Foundation	Concrete - Poured
Cladding	Wood
Roof Material	Asphalt/Composition - Shingle
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The building containing classrooms 6 and 7 is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction (1943), the building containing classrooms 6 and 7 retains integrity of location, as it remains on its original parcel. It does not retain integrity of design, materials, or workmanship, due to incompatible additions and alterations, including the addition of a rear wing and the use of aluminum- and vinyl-frame windows, alterations likely associated with its conversion to an educational use and associated maintenance. It does not retain integrity of setting, feeling, or association, due to a change of use associated with the site's redevelopment as a school in the 1950s. However, the school has gained historic significance in its own right, and the building

containing classrooms 6 and 7 retains sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School accepted its first students, to convey their significance.

Evaluation

The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location, a former farm and commercial fishing pond, in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times1971).

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While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she

met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses--sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, and its classrooms, are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As one of the primary classrooms associated with the Spring Valley School, the building containing classrooms 6 and 7 is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and the building including classrooms 6 and 7 are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school and Classrooms 6 and 7 are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and classrooms 6 and 7 retain distinctive characteristics of their particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. While some classrooms are defined by their ornamental features including wood windows and ornamental eaves, some classroom buildings, including Classrooms 6 and 7, are more modest, sited to take advantage of views from the hill and consistently simple in plan with Modern features including modest eaves and recessed porches, elements typical of 1940s minimalism. Classrooms 6 and 7 do not represent the works of a master; or possess high artistic values; but they do represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and classrooms 6 and 7 were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance under Criteria A, B, and C, Historical Research Associates, Inc., (HRA) recommends that the Spring Valley School's Classroom 6 and 7 building individually eligible for listing in the National Register of Historic Places. Its period of significance dates from the school's founding in 1960 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the Spring Valley School retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and their consistent plans, materials, and use, paired with landscape features like the extant creek and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C and that the building including Classrooms 6 and 7 is both individually eligible and eligible as a contributing resource to the potential district.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7

Property ID: 731996

Physical description: According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associated landscape features.

Classrooms 6 and 7, constructed in 1943
Classrooms 6 and 7 are located in an L-shaped, single-story, cross-gabled building facing south. The building sits on a poured-concrete foundation, is clad in lapped wood siding, and topped by an asphalt shingle roof with minimal eaves. The building's facade includes a recessed porch with square porch posts. At the recessed entry is a wood pedestrian door and picture window to the east of a projection with a one-over-one, double-hung wood window. Concrete block planter boxes are located along the facade. Secondary elevations include wood-frame, one-over-one, and awning type windows and vertical siding in the gables. To the rear, the building has been expanded by a northern wing with tall, aluminum-frame windows on the east and north elevations. The west elevation faces a play area and includes pedestrian doors on both the primary building and the addition. A gabled portico is located over the entrance on the rear wing and attached via corrugated awning to the main building. The main building includes a recessed entry and small, vinyl-frame sliding windows.

West of Classrooms 6 and 7 is a plywood-sided garage with shed roof and a wood-sided well house. Dates of construction are unknown.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7

Property ID: 731996

Bibliography:

American Montessori Society
2024a History of the American Montessori Society. Electronic document, https://amshq.org/About-AMS/History-of-AMS, accessed January 15, 2024.

American Montessori Society
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Caster, Dick
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Seattle Times
1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 8 and 9

Property ID: 731998

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: T21R04E29, King County, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐

Historic Use:

Category	Subcategory
Education	Education - School
Education	Education - School

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 8 and 9

Property ID: 731998

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 8 and 9

Property ID: 731998

Photos

36605 Pacific Highway, Classrooms 8 and 9, view north.

36605 Pacific Highway, Classrooms 8 and 9, view east.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 8 and 9

Property ID: 731998

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Roof Type	Gable - Front
Foundation	Concrete - Poured
Cladding	Wood
Roof Material	Asphalt/Composition - Shingle
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The building containing classrooms 8 and 9 is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction (1974), the building containing classrooms 8 and 9 retains integrity of location, setting, feeling, and association, as it remains on its original parcel and continues to serve its original purpose. Incompatible window replacement has diminished its integrity of design, materials, and workmanship.

Evaluation
The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location in 1959 and opened for

classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses--sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, and its classrooms, are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As one of the primary classrooms associated with the Spring Valley School, the building including classrooms 8 and 9 is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and Classrooms 8 and 9 are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school, and classrooms 8 and 9 are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and Classrooms 8 and 9 retain distinctive characteristics of their particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. While some classrooms are defined by their ornamental features including wood windows and ornamental eaves, some classroom buildings, including Classrooms 8 and 9, are more

modest, sited to take advantage of views from the hill and consistently simple in plan with Modern features like wood siding, battens, and projecting eaves. While the building including classrooms 8 and 9 was added in the 1970s, it blends into the existing campus plan and adds to the functional use of the landscape. While it does not represent the works of a master or possess high artistic values, the building including classrooms 8 and 9 does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and Classrooms 8 and 9 were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Although added relatively late in the historic period, the building containing classrooms 8 and 9 has been associated with the Spring Valley School since 1974 (fifty years at the time of survey). Based on its significance, particularly under Criteria A and B, Historical Research Associates, Inc., (HRA) recommends the Spring Valley School's Classrooms 8 and 9 building individually eligible for listing in the National Register of Historic Places in spite of some integrity loss. Its period of significance dates from its construction in 1974 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the Spring Valley School retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including wood windows, wood siding, and decorative eaves, along with landscape features like the extant creek and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C, and that the building including classrooms 8 and 9 is eligible both individually and as a contributing resource to the potential historic district.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Classrooms 8 and 9

Property ID: 731998

Physical description:

According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos, and includes an assemblage of buildings and associated landscape features.

Classrooms 8 and 9, constructed in 1974
Classrooms 8 and 9 are located in a rectangular building facing west. The building is one-story, front-gabled, and located to the east of Classrooms6 and 7. It sits on a poured-concrete foundation, is clad in lapped wood siding with vertical battens around the windows, and is topped by an asphalt shingle roof. The building's facade includes a single metal pedestrian door with concrete stoop and pipe railings. A long bench has been installed south of the entry. The building's long north and south elevations include large aluminum-frame sliding windows and one remaining wood-frame window, suggesting the building originally was constructed with wood windows. The building's west elevation includes a second pedestrian entry with concrete stoop. It exits onto an asphalt play area with climbing equipment and basketball hoop.

Bibliography:

American Montessori Society
2024a History of the American Montessori Society. Electronic document, https://amshq.org/About-AMS/History-of-AMS, accessed January 15, 2024.

American Montessori Society
2024b History of Montessori. Electronic document, https://amshq.org/About-Montessori/History-of-Montessori, accessed January 15, 2024.

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1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Residence

Property ID: 731999

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1942	☐
Addition	1975	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Residence

Property ID: 731999

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Residence

Property ID: 731999

Photos

36605 Pacific Highway, residence, view west.

36605 Pacific Highway, residence, view southeast.

36605 Pacific Highway, residence, view northeast.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Residence

Property ID: 731999

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	T-Shape
Foundation	Concrete - Poured
Form Type	Single Dwelling
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Cladding	Brick
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The residence is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction (1942), the residential building retains integrity of location and setting, as it remains on its original parcel and continues to serve as a residence. The addition of a wing on its north end, as well as some incompatible window replacement and incompatible porch and carport details, likely associated with the location's reuse as the Spring Valley School in the 1950s, has diminished its integrity of design, materials, or workmanship. Also due to the redevelopment, it does not retain

integrity of feeling and association from its period of construction. However, the school has gained historic significance in its own right, and the building retains sufficient integrity of setting, design, materials, workmanship, feeling, and association from 1960, the year the Spring Valley School accepted its first students, to convey its significance.

Evaluation
The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in the single-family residence already on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times 1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the

writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses--sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, and its onsite residence, are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As the long-time onsite home of the school's founders, the residence is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and the Justus residence are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school and residence are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

In spite of some alterations, the Justus residence retains distinctive characteristics of its particular type, period, and method of construction, namely that of a rural residence with some features of a midcentury Ranch house, evident in its wide plan, covered porches, materials like wood and brick, and its large windows and strong relationship to the surrounding landscape. Additionally, it is integrated into the surrounding school property and served the educators managing the experiential Spring Valley School, with its adjacent creek and pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. The residence does not represent the works of a master; or possess high artistic values; but it does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and the Justus residence were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance under Criteria A, B, and C, and in spite of some integrity loss, Historical Research Associates, Inc., (HRA) recommends the Justus residence individually eligible for listing in the National Register of Historic Places. Its period of significance dates from the school's founding in 1960 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the campus retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including materials and design features, along with landscape features like the extant stream and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C, and that the Justus residence is both individually eligible and eligible as a contributing resource to the potential historic district.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Residence

Property ID: 731999

Physical description: According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associated landscape features.

Residence, constructed in 1942
The residence is located west of the classrooms and across a stream running north to south through the center of the parcel. A small lake is located west of the residence on this parcel. The residence is T-shaped in plan with a crossing wing on its north end. The building is a single story with a second- story addition on its south end. A review of historic aerials suggests both the north wing and the south second story addition may have been added between 1960 and 1990 (NETROnline 2023). The building sits on a poured-concrete foundation, is clad primarily in lapped wood siding with brick siding at porches, and is topped by a cross-gabled roof clad in asphalt shingles. The second-story addition is sided in T1 -11 and supports a projecting plexiglass carport roof supported by metal posts on the building's south end. The building's facade faces east toward the creek and includes a recessed entry porch (another is located on the west elevation). The facade's porch roof is supported by turned posts. At the recessed entry, the facade includes a large wood-frame picture window and central entry. Other windows on the original mass are wood frame, deeply set, casement and fixed types. Some aluminum-frame sliding windows are located on primary and secondary elevations of the northern wing. Windows on the southern addition are vinyl frame. The south and rear elevations of the original mass include wood frame windows in groups of threes and fours. Some are vertically divided casements. An exterior brick chimney is located in the recessed rear porch with a second large wood frame picture window. Posts on the rear porch are square.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Residence

Property ID: 731999

Bibliography:

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1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School - Salmon Rearing Building

Property ID: 732000

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: POVERTY BAY Quadrangle, King County Certified Local Government, King County, T21R04E29

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1980	☑

Historic Use:

Category	Subcategory
Education	Education - Education Related
Education	Education - Education Related

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School - Salmon Rearing Building

Property ID: 732000

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School - Salmon Rearing Building

Property ID: 732000

Photos

36605 Pacific Highway, natatorium, view east.

36605 Pacific Highway, natatorium, view southwest.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School - Salmon Rearing Building

Property ID: 732000

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Square
Foundation	Concrete - Poured
Cladding	Wood
Cladding	Wood - T 1-11
Form Type	Utilitarian
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: This small salmon rearing building is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction, presumed to be ca. 1980, the salmon rearing building retains integrity of location, setting, feeling, and association, as it remains on its original parcel and continues to serve its original purpose. The addition of incompatible siding on its southwest corner has diminished its integrity of design, materials, and workmanship.

Evaluation

The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George Justus at the forefront of a resurgence of Montessori methods in the United States, and

currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses--sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, its classrooms, including the salmon rearing building, and landscape are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). In the case of the salmon rearing building, additional significance comes from its association with the Spring Valley School's educational salmon rearing project on Hylebos Creek. The building appears to support a rearing tank that allows students to observe all phases of the local salmon population's natural lifecycle, providing a unique educational opportunity linked to a significant species in western Washington. Although constructed relatively late in the school's life, the building is also significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and its salmon rearing building are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school and its salmon rearing building are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and its salmon rearing building retain distinctive characteristics of

their particular type, period, and method of construction, namely that of a salmon rearing station for a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori Method's emphasis on hands-on, nature-based, experiential learning possible. The salmon rearing building is a relatively modest example of a utilitarian outbuilding. However, it appears to be significant for its design as a salmon rearing station, supporting a tank and providing systems for the support of juvenile fish. While the building does not represent the works of a master; or possess high artistic values, it does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and its salmon rearing building were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Although it was constructed late in the twentieth century, the salmon rearing building had been serving the Spring Valley School for more than forty years at the time of survey. Based on its significance particularly under Criteria A and B, Historical Research Associates, Inc., (HRA) recommends the Spring Valley School's salmon rearing building individually eligible for listing in the National Register of Historic Places. Its period of significance dates from its construction circa 1980 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the campus retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including materials and design features, along with landscape features like the extant stream and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C, and that the salmon rearing building is both individually eligible and eligible as a contributing resource to the potential historic district.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School - Salmon Rearing Building

Property ID: 732000

Physical description:

According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associated landscape features.

Salmon rearing building, constructed circa 1980
According to the King County Assessor, a small square building directly south of the residence was constructed in 1984 (King County Assessor 2023). This may be an error, as the building appears on historic aerials as early as 1980 (NETROnline 2023). It's not clear how the building is used but based on its piping to Hylebos Creek and the large fish tank and systems on its exterior, HRA presumes that the building is devoted to the management of Spring Valley's salmon education program and is used to rear juvenile salmon for release in Hylebos Creek. The building is a single story, square in plan, and located along the bank of Hylebos Creek. It sits on a poured-concrete foundation and is clad in lapped wood siding partially covered by sheets of T1-11. It includes two doors flanking a sliding wood-frame window on the west elevation. The north elevation includes an additional pedestrian door, a projecting storage cabinet, and a permanently installed fish tank with salmon fry. The south elevation also includes a wood-frame sliding window. The building is topped by a front-gabled, asphalt shingle roof with deep eaves and projecting peak supported by visible rafter tails.

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American Montessori Society
2024b History of Montessori. Electronic document, https://amshq.org/About-Montessori/History-of-Montessori, accessed January 15, 2024.

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Seattle Times
1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Conference Room/Natatorium

Property ID: 732001

Location

Address: 36605 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1970	☑

Historic Use:

Category	Subcategory
Education	Education - Education Related
Education	Education - Education Related

Historic Context:

Category
Architecture
Education

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Conference Room/Natatorium

Property ID: 732001

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Conference Room/Natatorium

Property ID: 732001

Photos

36605 Pacific Highway, conference room, view north.

36605 Pacific Highway, conference room storage, view northeast.

36605 Pacific Highway, conference room, view southeast.

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Conference Room/Natatorium

Property ID: 732001

Inventory Details - 10/19/2023

Common name:	Spring Valley Montessori School
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): Yes

Property potentially contributes to a historic district (National and/or local): Yes

Significance narrative: The conference room is part of the larger Spring Valley School at 36605 Pacific Highway S, a Montessori School and teacher training center on a large campus that opened in 1960 on the location of a former recreational trout farm (1944). The building is evaluated both independently and as part of a potential historic district, along with other features of the Spring Valley School. Separate inventory forms have been prepared for other built resources on campus.

Integrity
From its period of construction, presumed to be ca. 1970, the resource retains integrity of location and setting, feeling, and association as it remains on its original parcel and continues to serve the surrounding Spring Valley School. Window replacement has diminished its integrity of design, materials, and workmanship. Additionally, the building appears in historic-period King County Assessor's records as a natatorium, although it is now identified as a conference room. The interior of the building was not accessible and its current use could not be confirmed (King County Assessor's Records 1935--2024).

Evaluation

The resources at 36605 Pacific Highway S are known as Campus Number 1 for Spring Valley School, a Montessori School, which moved to this location in 1959 and opened for classes in 1960. This campus serves preschool, preprimary, and primary students. A second campus, also located in Federal Way, Campus Number 2, opened in 1984 and serves older students (Caster 2008).

The school was founded by Madeleine Justus, who came to Seattle from Hungary with her husband, George. After studying the Montessori method in Romania and Austria in the 1930s, and meeting founder Dr. Maria Montessori in 1936, she came to the United States and founded a school in Seattle's Grosvenor Hotel in 1951. When the building changed hands, the school was closed, and Justus moved her school to the former Spring Valley Trout Farm, one of 28 recreational fishing ponds located between Seattle and Tacoma in the 1950s (Seattle Times 1954). Justus held her first classes in a converted stable at this location in 1960 while she and George lived in a single-family residence on site. George Justus, owner of the Justus Solid Cedar Homes Company, constructed additional classrooms on site and later sold his company (1972), and served as school administrator and president, while Madeleine continued to focus on curriculum (Caster 2008). Campus Number 1 launched the Montessori Training Program for Montessori educators at this location in 1969 (Seattle Times 1969, 1971). The course was offered evenings and weekends through the St. Nichols Training Center for the Montessori Method of Education, London, in cooperation with Dr. T. F. Naumann, professor of psychology, Central Washington State College, Ellensburg" (Seattle Times1971).

Spring Valley still uses (and teaches) Montessori techniques based on the approach devised by Dr. Maria Montessori at the turn of the twentieth century. The technique, established while Dr. Montessori worked first with children with learning disabilities, then with special education teachers, and finally with children in a poor, underserved community in Rome, rests on the idea that children educate themselves through observation, social interaction, and experiential learning. As noted by the American Montessori Society, "using scientific observation and experience gained from her earlier work with young children, Maria designed learning materials and a classroom environment that fostered the children's natural desire to learn and provided freedom for them to choose their own materials. To the surprise of many, the children in Maria's programs thrived, exhibiting concentration, attention, and spontaneous self-discipline. The 'Montessori Method' began to attract the attention of prominent educators, journalists, and public figures. By 1910, Montessori schools could be found throughout Western Europe and were being established around the world, including in the United States where the first Montessori school opened in Tarrytown, NY, in1911" (American Montessori Society 2024a).

While the Montessori movement was present in New York as early as 1911, it waned in popularity and almost disappeared from the United States in the 1920s. However, by the 1950s, "the cultural climate was changing in the U.S., including a growing discontent with traditional American education. Among those seeking alternatives was a young, aspiring teacher from New York City, Nancy McCormick Rambusch. Having 'happened upon' the writings of Maria Montessori, Rambusch was struck by the freshness of her ideas. In 1953, she traveled to Paris to attend a Montessori Congress and learn more. There, she met Mario Montessori, Maria's son, who encouraged her to bring Montessori back to the U.S. One thing led to another, and out of Rambusch's subsequent Montessori schooling and vigorous efforts to promote the Method in the U.S., Montessori education once again took off" (American Montessori Society 2024b). This history puts Madeleine and George

Justus at the forefront of a resurgence of Montessori methods in the United States, and currently, the Spring Valley School calls itself "the first private Montessori School in the Pacific Northwest" (Montessori Academy at Spring Valley 2024).

As quoted by historian Dick Caster, Madeleine Justus said, the basis of Montessori is to expose the children to everything we want to teach in the concrete. Instead of a lot of talking, we expose them to things through the senses--sight, smell, touch, hearing and tasting" (Caster 2008). As part of this approach, the Montessori method encourages engagement with the outdoors. The Spring Valley campus, located on a parcel crossed by Hylebos Creek and including its own pond, offered opportunities for children to interact with the natural world and the plants and animals of the area. The school was designed to fit into the rolling topography of the site and to incorporate large play fields, grassy hills, gardens, and opportunities to rear and release salmon into Hylebos Creek.

While the parcel holds some associations with Recreation, as some of the resources onsite date from the 1940s and were likely associated with the recreational trout farm operating from this location in the 1950s, research did not indicate that these resources held specific and important associations with the history of recreation under a local, state, or national context. Additionally, as the majority of resources were either repurposed or constructed for use of the school, the parcel and its existing campus no longer retain integrity from the period associated with the trout farm. The campus is not significant for its associations with Recreation.

The Spring Valley School has been serving as a Montessori school since 1960 and has trained Montessori educators since 1969, providing local access to a progressive and highly influential method of childhood education during a period of renewal in the United States. The school, its classrooms, and additional buildings are significant for their associations with events that made a significant contribution to the broad patterns of local history in the area of Education, namely the expansion of the Montessori method and the training of Montessori teachers in the northwest (Criterion A). As a natatorium and/or conference room associated with the Spring Valley School, this building is significant as central to arguably the oldest private Montessori School still operating in the Northwest. Additionally, the building retains sufficient integrity to convey significance under Criterion A.

Campus Number 1 and the conference room/natatorium are associated with persons with documented significance in a local context, including Madeleine and George Justus, the school's founders and administrators throughout the last half of the twentieth century, as they lived on campus and were instrumental in spreading the Montessori method throughout the region. Madeline Justus founded and served on numerous education boards and became a recognized leader in Montessori education. In 1966, she was appointed by Governor Dan Evans to represent Washington State at a United Nations (UNESCO) Conference in France, where she spoke on early childhood education (Montessori Academy at Spring Valley 2023). The school and its various buildings are closely associated with the productive lives of both George and Madeline Justus, as documented in reports and newspaper articles (Caster 2008; Seattle Times 1966, 1969, 1970) (Criterion B).

Campus Number 1 and the conference room/natatorium retain distinctive characteristics of their particular type, period, and method of construction, namely that of a rural, experiential school campus with creek, pond, play areas, and a collection of classrooms either repurposed or constructed by the Justus family in order to make the Montessori

Method's emphasis on hands-on, nature-based, experiential learning possible. The natatorium/conference room is consistent with other development on campus, retaining its simple Modern plan, wood siding, and interactive relationship with the surrounding landscape. It does not represent the works of a master; or possess high artistic values; but it does represent a significant and distinguishable entity whose components may lack individual distinction (i.e., could contribute to a historic district) (Criterion C).

Campus Number 1 and its conference room were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance, particularly under Criteria A and B, Historical Research Associates, Inc., (HRA) recommends the Spring Valley School's conference room/natatorium building individually eligible for listing in the National Register of Historic Places. Its period of significance dates from its construction circa 1970 and runs through 2011, the year Madeleine Justus retired from teaching.

From its period of significance (1960-2011), the campus retains the assemblage of linked school buildings constructed or renovated for school use; retains its campus footprint; maintains natural features like the pond and creek, and continues to serve its primary purpose, to provide experiential learning to children in King County and to spread the use of the Montessori method through teacher training. Although alterations, made on behalf of the school, have taken place over time, the number of extant resources, their linkages, and the integrity of major character-defining features, including materials and design features, along with landscape features like the extant creek and pond, have ensured that the campus retains sufficient integrity to convey its significance. Therefore, HRA recommends that the Spring Valley School campus, bound by the current parcel boundary, is eligible for listing in the National Register of Historic Places as a locally significant historic district under Criteria A, B, and C, and that the conference room/natatorium is both individually eligible and eligible as a contributing resource to the potential historic district.

Physical description: According to the King County Assessor, the parcel addressed as 36605 Pacific Highway S is known as the Spring Valley School and/or the Montessori Academy (King County Assessor 2023). The elementary school is located on a large parcel, bisected by Hylebos Creek, and includes an assemblage of buildings and associate landscape features.

Conference Room/Natatorium, constructed circa 1970
Survey identified one additional building on the parcel that was not documented in King County Assessor's records online. A comparison of historic aerials suggests it may have been added circa 1970 (NETROnline 2023). A review of historic-period King County Assessor's records at the Puget Sound Regional Archives identified this building as a natatorium (King County Assessor 1935--2024). The building is located north of the residence and includes a sign on its primary entry reading "Conference Room." The building is a single story, rectangular in plan, and faces south. It sits on a poured-concrete foundation, is clad in lapped wood siding, and is topped by a side-gabled roof covered in asphalt shingles. The building's facade includes an off-center entry with concrete stoop flanked to the west by metal frame, fixed and sliding windows. The building's secondary east elevation includes four one-over-one windows, and the west elevation includes a central entry door flanked north and south by three-part metal windows. A temporary canopy covers a concrete patio on the west elevation. The long north elevation includes no fenestration.

A small T1-11 clad outbuilding on skids is located directly west of the conference room. A sign on its central entry door reads "Storage Room."

Historic Property Report

Historic Name: Spring Valley Trout Farm; Spring Valley School, Conference Room/Natatorium

Property ID: 732001

Bibliography:

American Montessori Society
2024a History of the American Montessori Society. Electronic document, https://amshq.org/About-AMS/History-of-AMS, accessed January 15, 2024.

American Montessori Society
2024b History of Montessori. Electronic document, https://amshq.org/About-Montessori/History-of-Montessori, accessed January 15, 2024.

Caster, Dick
2008 Federal Way Area School History, prepared for Historical Society of Federal Way. Electronic document, Microsoft Word - FederalWayAreaSchoolHistoryMay282008.doc (federalwayhistory.org), accessed July 27, 2023.

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2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

King County Assessor
1935--2024 King County Assessor's Records, Spring Valley School, on file at the Puget Sound Regional Archives, Bellevue, Washington.

Montessori Academy at Spring Valley
2024 Our Founder and Our History. Electronic document, https://springvalley.org/FounderAndHistory.htm, accessed January 12, 2024

Seattle Times
1954 Fish Farms: Drive-In, Catch-'Em-Yourself Trout Ponds Making a Splash as a Flourishing Industry, Albert Arnst, May 9.
1966 A Nursery School With Its Own Swimming Hole, Janice Krenmayr, July 31.
1969 Montessori Training Schedule, August 24.
1970 Transylvania! Where's that? Dorothy Brant Brazier, November 18.
1971 Montessori Training Program. Ad. June 27.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731977

Location

Address: 36530 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E29, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1977	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731977

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Single-family residence

Property ID: 731977

Photos

36530B Pacific Highway S, courtesy of the King County Assessor.

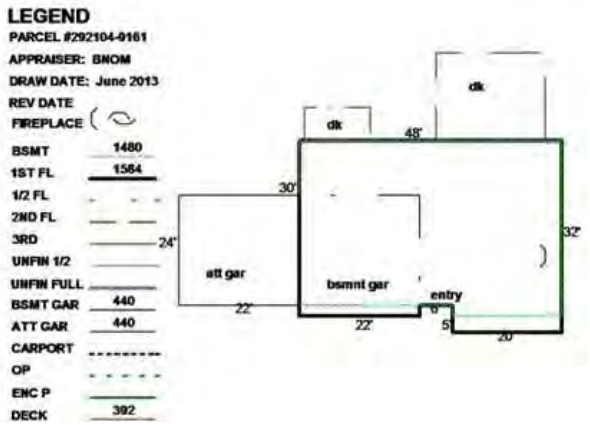

Floorplan of 36530B Pacific Highway S, courtesy of the King County Assessor.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731977

Inventory Details - 10/18/2023

Common name:	K.C.J. Stables: 1977 residence
Date recorded:	10/18/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling
Roof Type	Gable
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: Resources at 36530 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
From its period of construction (1977), the residence at 36530B Pacific Highway S may retain integrity of location, setting, design, materials, workmanship, feeling, and association. However, integrity cannot be fully assessed from publicly available data.

Evaluation
The parcel addressed as 36530B Pacific Highway S has been carved from a larger agricultural parcel operated as a horse-boarding stable (King County Assessor 2023). It was constructed late in the twentieth century and appears to have provided housing for the associated stables. However, it is not clear if the residence was occupied by owners or caretakers or other professionals associated with the business. Based on its age and its residential use, it is unlikely to be associated with the early period of significance for the surrounding stables, nor with a period of significance dating to its construction in 1978 as it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). Onsite survey could not be conducted, but available evidence suggests this is a modest residence with few character-defining features, apart from its massing. It does not appear to possess the distinctive characteristics of a particular type, period, or method of construction or represents the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Based on its relatively young age, the building was likely built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources and without confirming integrity through onsite survey, Historical Research Associates, Inc., recommends 36530B Pacific Highway S be presumed not eligible for listing in the National Register of Historic Places under any criteria, pending survey and inventory.

Physical description:

According to the King County Assessor, there are two parcels addressed as 36530 Pacific Highway S (King County Assessor 2023). This one includes a single-family residence constructed in 1977. It is not accessible or visible from the public right-of-way. Surrounding the residential home is a larger parcel, also addressed as 36530 Pacific Highway S, owned by the same family (identified as Culliton in county records) and associated with a horse-boarding business known as K.C.J. Stables. For the sake of this evaluation, the two parcels are known as 36530A Pacific Highway S as 36530B Pacific Highway S. 36530A Pacific Highway S was assessed separately. The residence at 36530B Pacific Highway S (1978) appears to be a late addition to K.C.J. Stables resources.

Research indicates that the building is a two-story, side-gabled residence with a single-story garage on the north elevation. King County Assessor's records document no history of alteration (King County Assessor 2023).

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Historic Property Report

Historic Name: Carstens Packing Company; Badgley residence

Property ID: 395115

Location

Address:	36606 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	2921049044
Plat/Block/Lot:	BEG INTS S LN OF SEC WITH ELY MGN PACIFIC HWAY TH
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E29, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1947	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Carstens Packing Company; Badgley residence

Property ID: 395115

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00115, , Assessors Data Project: King County H		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Carstens Packing Company; Badgley residence

Property ID: 395115

Photos

Undated photo of 36606 Pacific Highway S, courtesy of the King County Assessor.

36606 Pacific Highway S, courtesy of Redfin.com.

36606 Pacific Highway S, courtesy of Redfin.com.

36606 Pacific Highway S, courtesy of Redfin.com.

Historic Property Report

Historic Name: Carstens Packing Company; Badgley residence

Property ID: 395115

Inventory Details - 7/5/2011

Common name:

Date recorded: 7/5/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2921049044

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36606 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1947 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Historic Name: Carstens Packing Company; Badgley residence

Property ID: 395115

Inventory Details - 10/19/2023

Common name:	Single-family residence
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Brick
Form Type	Single Dwelling
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative: Resources at 36606 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
From its period of construction (1947), the residence, guest house, and associated outbuildings at 36606 Pacific Highway S may retain integrity of location, setting, feeling, and association. It is unclear if additions to the outbuildings and renovations may have diminished the integrity of the buildings' design, materials, and workmanship. Integrity cannot be fully assessed from publicly available data.

Evaluation
According to the King County Assessor, the parcel addressed as 36606 Pacific Highway S was owned by Leonard and Linda Badgley as late as 1992 (King County Assessor 2023).

The Badgley family appears at this address in birth notices from both 1975 and 1978 (Seattle Times 1975, 1978). The property was last acquired by new owners in 2018 (King County Assessor 2023). It serves as a single-family residence.

In 1907, maps show the location as part of a larger land holding owned by John P. Gale (Anderson Map Co. 1907). By 1936, the parcel was part of a larger land holding owned by the Carstens Packing Company, which appears without significant detail in the Seattle Times through the early 1940s (Metsker 1936).

Research revealed little about their previous owners or occupants of the 1947 residence. The buildings do not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). From King County Assessor's photos, the buildings appear to be part of a large residential property, possibly associated with former agricultural use. Without onsite survey, it is not possible to establish whether the buildings possess the distinctive characteristics of a particular type, period, or method of construction, or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). However, desktop research suggests that the buildings have been heavily altered, particularly on the interiors, due to waves of updates and renovations (Redfin 2023). Finally, the buildings were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources and without confirming integrity through onsite survey, Historical Research Associates, Inc., recommends 36606 Pacific Highway S be presumed eligible at the local level for listing in the National Register of Historic Places under Criterion C, pending survey and inventory. The period of significance is presumed to date to construction in 1947, and the boundary of the eligible resource is presumed to be the current tax lot.

Physical description:

According to the King County Assessor, the parcel addressed as 36606 Pacific Highway S includes two buildings constructed in 1947, a primary residence and a guest house. Additional outbuildings are located on the parcel, including an RV garage, barn, and equipment storage, although their dates of construction are not documented (King County Assessor 2023). A review of historical aerials indicates that the footprint of the primary residence and an outbuilding, likely the guest house, remain as constructed, although outbuildings to the rear of the parcel were greatly expanded between 1980 and 1990 (NETROnline 2023).

The built resources on this parcel are not accessible or visible from the public right-of-way. However, archival research indicates the primary residence is a V-shaped, single-story, side-gabled house with two wings, projecting gables, an arcaded entry along the bedroom wing, brick siding, and a walkway through fenced pasture to a large round pond with dock to the west of the residence. East of the primary building is a small single-story, side-gabled building with a projecting portico, likely the guest house.

Historic Property Report

Historic Name: Carstens Packing Company; Badgley residence

Property ID: 395115

Bibliography:

Anderson Map Co.
1907 King County 1907, Township 21 North, Range 4 East. Electronic document, historicmapworks.com, accessed July 26, 2023.

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Metsker, Thomas C.
1936 King County, Washington. Electronic document, www.historicmapworks.com, accessed July 28, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Seattle Times
1975 Born Yesterday, July 23.
1978 Born Friday, November 5.

Historic Property Report

Historic Name: Riggins Residence

Property ID: 313509

Location

Address:	36815 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049016
Plat/Block/Lot:	POR OF NW 1/4 OF NW 1/4 LY WLY OF ST RD # 1 & NLY
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☐
Addition	2017	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Riggins Residence

Property ID: 313509

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

36815 Pacific Highway S, undated, courtesy of the King County Assessor.

36815 Pacific Highway S, undated, courtesy of the King County Assessor.

36815 Pacific Highway S, undated, courtesy of Redfin.com.

Historic Property Report

Historic Name: Riggins Residence

Property ID: 313509

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049016

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36815 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1950 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Historic Name: Riggins Residence

Property ID: 313509

Inventory Details - 10/19/2023

Common name:	Washington Central Church; Chùa Giác Viên
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Cladding	Brick
Structural System	Wood - Platform Frame
Plan	Irregular

Styles:

Period	Style Details
Modern Movement (1930-1970)	Prairie Ranch

Surveyor Opinion

Significance narrative: Resources at 365815 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
From its period of construction (1950), the temple at 36815 Pacific Highway S retains integrity of location, but does not retain integrity of setting, feeling, or association, as the private residence has been converted to a public, spiritual use and its surrounding parcel redesigned to accommodate large public gatherings. It is not clear if the building retains integrity of materials or workmanship, but additions appear to have diminished its integrity of design. Integrity cannot be fully assessed from publicly available data.

Evaluation
According to the King County Assessor, the building at 36815 Pacific Highway S was owned by the Riggins family before being acquired by the Washington Central Church in 2001, and then Ho Gio for use as a Buddhist temple in 2018 (King County Assessor 2023).

Research revealed little about the previous owners or occupants of the 1950 residence. The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). From King County Assessor's photos, the building appears to have been constructed as a single-family residence in an early Ranch or World War II era cottage style, with a boxy footprint, Modern, clean lines, and brick cladding. Without onsite survey, it is not possible to establish whether the building possesses the distinctive characteristics of a particular type, period, or method of construction, or represents the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). However, desktop research suggests that the building has been altered by a change of use and an addition to the northwest. Finally, the building was built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources, Historical Research Associates, Inc., recommends 36815 Pacific Highway S be presumed not eligible for listing in the National Register of Historic Places under any criteria, pending survey and inventory, based on a lack of integrity associated with a change from residential to religious use.

Physical description:

According to the King County Assessor, the parcel addressed as 36815 Pacific Highway S includes one building, a residence constructed in 1950 (King County Assessor 2023). A review of historical aerials indicates that the footprint of the primary residence remained as constructed until approximately 2017, when the residence's large back yard was cleared and paved for parking, and a new addition was constructed on the northwest end of the residence. Signage on site indicates that the built resources are now known as Chùa Giác Viên, a Buddhist Temple (NETROnline 2023)

The built resources on this parcel are minimally visible from the public right-of-way. However, archival research indicates that the building remains a single-story, early Ranch with brick siding and hipped roof, large picture windows, and an exterior brick chimney.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Resource Name: Residence

Property ID: 396575

Location

Address:	36817 12TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049123
Plat/Block/Lot:	LOT 2 OF FEDERAL WAY SHORT PLAT #00-104768-00SU RE
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1961	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 396575

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 396575

Photos

36817 12th Avenue S

36817 12th Ave S, Redfin.com, 2018, view south

36817 12th Avenue S, King County Assessor, 1964

Historic Property Report

Resource Name: Residence

Property ID: 396575

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049123

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36817 12th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1961 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 396575

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Roof Type	Gable - Cross
Foundation	Concrete - Poured
Form Type	Single Dwelling - Ranch
Roof Material	Asphalt/Composition
Structural System	Wood - Platform Frame
Cladding	Wood - Clapboard

Styles:

Period	Style Details
Modern Movement	Contemporary

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1961), the residence and garage at 36817 12th Avenue S retain integrity of location, setting, and association although alterations including a carport conversion and addition, along with some recladding have diminished the integrity of design, materials, workmanship, and feeling.

Evaluation

The residence at 36028 16th Avenue S was constructed in 1961. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a modest example of a Contemporary residence, although alterations and additions have obscured its historic-period character and replaced its character-defining roofline (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and garage at 36817 12th Avenue S are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 36817 12th Avenue S was constructed in 1961 (King County Assessor 2020). However, due to the building’s setback behind dense vegetation, the building is not visible from the ROW. Based on data from the King County Assessor, in combination with aerial photographs and recent photos available online in association with a real estate transaction, a desktop review was possible. The building faces south away from 12th Avenue S. The building is L-shaped in plan atop a daylight basement. It sits on a poured-concrete foundation, is clad in a combination of lapped boards and T1-11 on the basement level with brick veneer on the south elevation. The building is topped by a cross-gabled roof. The building's primary entry is located on the rear (west) elevation with a single door in the crux of the two wings. Aluminum-framed sliding windows are located on all elevations. The building's south elevation includes a recessed porch on the upper level and a wide awning over the basement level. On the building's west elevation, a single-story carport has been enclosed and enlarged to encompass a two-story addition. There is a detached garage added west of the building.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Redfin. 2020. 36817 12th Avenue S, Federal Way. Electronic document, https://www.redfin.com/WA/Federal-Way/36817-12th-Ave-S-98003/home/361020, accessed June 2, 2020.

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Historic Property Report

Historic Name: Dahlen Residence

Property ID: 395874

Location

Address:	36903 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049078
Plat/Block/Lot:	E 1 AC AS MEAS ALG & ATR/A'S TO N LN OF FOLG - POR
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32, King County Certified Local Government

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1921	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Dahlen Residence

Property ID: 395874

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Dahlen Residence

Property ID: 395874

Photos

36903 Pacific Highway S, undated, courtesy of the King County Assessor.

36903 Pacific Highway S, 1938, view northwest, courtesy of the Puget Sound Regional Archives.

36903 Pacific Highway S, undated, courtesy of the Redfin.com.

Historic Property Report

Historic Name: Dahlen Residence

Property ID: 395874

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049078

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36903 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1921 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Historic Name: Dahlen Residence

Property ID: 395874

Inventory Details - 10/19/2023

Common name:	Single-family residence
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Post & Pier
Form Type	Single Dwelling - Bungalow
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Structural System	Wood - Balloon Frame
Plan	Rectangle
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Craftsman

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative: Resources at 36903 Pacific Highway S were not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
From its period of construction (1921), the residence at 36903 Pacific Highway S retains integrity of location and setting. It is not clear if the building retains integrity of design, materials, workmanship, feeling, or association. Integrity cannot be fully assessed from publicly available data.

Evaluation

According to the King County Assessor, the residence at 36903 Pacific Highway S was owned by Thelma Marie Dahlen in 1992, when it was acquired by the Clark family, and then by the Reynolds family in 2017. It is currently held in trust (King County Assessor 2023).

Research revealed little about the previous owners or occupants of the 1921 residence. However, a woman from Tacoma named Thelma Dahlen appeared in newspaper articles for her winning performance on intelligence tests as a student in 1919 and for passing her nursing exam in 1927 (Tacoma Daily Ledger 1927; Tacoma News Tribune 1919). She is identified as the resident of 36903 Pacific Highway S in 1950 assessor's records (King County Assessor 1935--2024). She is likely the same person who owned the residence in 1992.

The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research could not confirm any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). From King County Assessor's photos, the building appears to have been constructed as a modest Craftsman bungalow with modest footprint and typical features including a projecting porch and wood windows. Without onsite survey, it is not possible to establish whether the building possesses the distinctive characteristics of a particular type, period, or method of construction, or represents the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a desktop review of available sources, Historical Research Associates, Inc., recommends 36903 Pacific Highway S be presumed eligible for listing in the National Register of Historic Places under Criterion C, pending survey and inventory. The period of significance for the resource is presumed to date to its construction in 1921, and the boundary of the eligible resource is presumed to be the boundaries of the current tax lot.

Physical description:

According to the King County Assessor, the parcel addressed as 36903 Pacific Highway S includes a one-and-a-half story bungalow constructed in 1921 (King County Assessor 2023). The building is heavily screened from the roadway and is not visible, but a review of historic aerials indicates that the building retains its original footprint (NETROnline 2023).

Undated photos from the King County Assessor indicate the building is a modest Craftsman style bungalow with one-over-one, wood-frame windows; a projecting porch; and a carport added to the south (King County Assessor 2023).

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Tacoma Daily Ledger
1927 105 Nurses Pass State Quizzes, July 1.

Tacoma News Tribune
1919 Test of Intelligence, Charlotte L. Bogle, June 24.

Historic Property Report

Resource Name: Residence

Property ID: 397397

Location

Address:	36908 12TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049089
Plat/Block/Lot:	BEG ON N LN OF NE 1/4 AT A PT 1193.94 FT W OF NE C
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1952	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 397397

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 397397

Photos

36908 12th Avenue S

36908 12th Avenue S, King County Assessor, undated

36908 12th Avenue S, King County Assessor, undated

36908 12th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 397397

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049089

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36908 12th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1952 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Resource Name: Residence

Property ID: 397397

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame
Plan	Rectangle
Cladding	Wood - Clapboard

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1952), the residence at 36908 12th Avenue S retains integrity of location, setting, feeling, and association, although alterations including window replacement have diminished its integrity of design, materials, and workmanship.

Evaluation

The residence at 36908 12th Avenue S was constructed in 1952. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a common post-World War II residence in a modest Ranch house plan, with minimal architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates recommends that the residence at 36908 12th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 36908 12th Avenue S was constructed in 1952 (King County Assessor 2020). The one-story residence faces west toward 12th Avenue S, though most of the building is not visible from the ROW due to its setback behind heavy vegetation. The rectangular residence is clad in horizontal wood boards, has aluminum- or vinyl-framed windows, and is topped by a side-gabled asphalt roof. King County Assessor's photos suggest that the building's facade shelters under a deep, projecting eave, and the rear elevation includes a projecting, covered, porch. The basement level includes a garage, accessible via the south elevation.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 396556

Location

Address:	36920 12TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049077
Plat/Block/Lot:	BEG ON N SEC LN 1193.94 FT W OF NE COR TH S 01-31-
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1949	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 396556

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 396556

Photos

36920 12th Avenue S

36920 12th Avenue S, King County Assessor, undated

36920 12th Avenue S, King County Assessor, 1952

36920 12th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 396556

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049077

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36920 12th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1949 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 396556

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - T 1-11
Roof Type	Gable - Side
Roof Material	Metal - Standing Seam
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1949), the residence at 36920 12th Avenue S retains integrity of location and setting, although alterations, including an addition, recladding, and window and roof replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 36920 12th Avenue S was constructed in 1949. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest and heavily altered example of a Ranch house, featuring few features of the type, apart from its horizontal emphasis (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 36920 12th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the King County Assessor, the residence at 36920 12th Avenue S was constructed in 1949 (King County Assessor 2020). The one-story Ranch house faces west toward 12th Avenue S, though most of the building is not visible from the ROW due to its setback behind mature vegetation. It is clad in T1-11 and is topped by a side-gabled, standing-seam metal roof that projects to form deep eaves on side elevations. The visible windows are vinyl framed, likely in altered fenestration. There is a large side-gabled detached garage northeast of the residence.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Phoenix Transport; Oh Residence

Property ID: 312692

Location

Address:	36928 PACIFIC HWY S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049094
Plat/Block/Lot:	BEG SE COR OF NW 1/4 OF NW 1/4TH N ALG E LN 392.55
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1941	☐
Addition	1985	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Phoenix Transport; Oh Residence

Property ID: 312692

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

36928 Pacific Highway S, view southeast.

36928 Pacific Highway S, view northwest.

36928 Pacific Highway S, view southwest.

36928 Pacific Highway S, view southeast.

Historic Property Report

Historic Name: Phoenix Transport; Oh Residence Property ID: 312692

Inventory Details - 7/8/2011

Common name:

Date recorded: 7/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049094

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 36928 Pacific Highway S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1941 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Historic Name: Phoenix Transport; Oh Residence

Property ID: 312692

Inventory Details - 10/19/2023

Common name:	Single-family residence
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - Vertical Boards
Cladding	Wood
Form Type	Single Dwelling
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame
Plan	Irregular

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1941), the residence and outbuilding at 36928 Pacific Highway S retain integrity of location and setting, as they remain on their original parcel. They do not retain integrity of design, materials, or workmanship, due to large additions, replacement siding at the entry of the primary residence, and incompatible replacement windows on all elevations of both buildings. They do retain integrity of feeling and association, as they continue to serve as a large, single-family residential space.

Evaluation

According to the King County Assessor, 36928 Pacific Highway S was owned by the Oh family and associated with Phoenix Transport, a trucking company, in1995 (ICC 1995; King County Assessor 2023). Also in 1995, a new business license for Mezek Investigations was acquired for this location (Tacoma News Tribune1995). The Gantt family acquired the parcel in 1996, and it is now owned by the Preet family (King County Assessor 2023).

Research revealed little about the previous owners or occupants of the 1941 residence. The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research could not confirm any association of the resource with the lives of persons with documented significance within a local, state, or national context (Criterion B). The building was likely constructed as a World War II era cottage, with a boxy footprint, corner-wrapping wood-frame windows, and a shallow hipped roof. However, the windows have all been replaced with incompatible materials and the entry has been renovated with incompatible siding. It does not include the octagonal window typical of this type. Additionally, the building has been greatly expanded to the rear with an incompatible garage. The building does not possess the distinctive characteristics of a particular type, period, or method of construction, or represents the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates, Inc., recommends the residence and outbuilding at 36928 Pacific Highway S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the King County Assessor, the parcel addressed as 36928 Pacific Highway S includes a residence from 1941 and an outbuilding constructed at an unknown time (King County Assessor 2023). A review of historic aerials suggests the outbuilding was constructed at generally the same time as the primary residence (NETROnline 2023).

The primary building is a single-family residence, one story over a daylight basement, and slightly irregular in plan, with deck and projections, including an expanded garage to the rear (southeast). The building faces northwest and is screened from the roadway and not visible from the public right-of-way. A large flat parking area is located northwest of the residence, and the driveway to the residence is secured by a metal gate.

The building sits on a poured-concrete foundation, is clad in a combination of vertical wood sheet at the entry and lapped wood siding elsewhere, and is topped by a hipped, asphalt shingle roof. The facade's off-center entry is recessed, paired with a shallow concrete stair and flanked north and south by projections with vinyl-frame windows. Vinyl-framed windows are also located on the basement level, visible at the facade's south end. On the south elevation, a concrete stair leads to a small deck under a roof projection with vinyl-frame windows. The building's east elevation includes projections with vinyl-frame windows, a large deck, and an added two-car garage that projects off the basement level on the building's northeast corner. It is clad in lapped wood siding, topped by a flat roof covered by a membrane, and includes vinyl-frame windows.

The outbuilding, located east of the residence, was likely constructed as a detached garage, but has been converted to storage or workspace. It sits on a poured-concrete foundation, is clad in lapped wood siding with wood sheet in the gables, includes swinging double plywood doors and vinyl windows and is topped by a front-gabled, asphalt shingle roof. To the rear, plywood and corrugated metal has been used to construct an additional resource sometime after 2002 (NETROnline 2023). As it was not old enough to qualify for listing in the NRHP, it was not recorded.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

Interstate Commerce Commission (ICC)
1995 ICC Register, Decisions and Notices Released October 2, Volume 13, Number 190. Electronic document, https://www.google.com/books/edition/ICC_Register/7FARWmpPeFgC?hl=en&gbpv=1&dq=%2236928+Pacific%22&pg=RA21-PA23&printsec=frontcover, accessed July 31, 2023.

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2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

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2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Tacoma News Tribune
1995 New Business Licenses, June 25.

Historic Property Report

Resource Name: Residence

Property ID: 317998

Location

Address:	37006 12TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049080
Plat/Block/Lot:	BEG ON N LN SEC 1193.94 FT W OF NE COR TH S 01-31-
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 317998

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/9/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 317998

Photos

37006 12th Avenue S

37006 12th Avenue S, King County Assessor, undated

37006 12th Avenue S, King County Assessor, 1949

37006 12th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 317998

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049080

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 37006 12th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1948 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 317998

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - Plywood
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), the residence at 37006 12th Avenue S retains integrity of location and setting, although alterations from a remodel, including recladding and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 37006 12th Avenue S was constructed in 1948. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring few features of the type, apart from its horizontal emphasis (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 37006 12th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 37006 12th Avenue S was constructed in 1948 (King County Assessor 2020). The one-story, rectangular Ranch house faces west toward 12th Avenue S, though most of the building is not visible from the ROW due to its setback behind mature foliage and a privacy fence. The building appears to have been recently under renovation. It is clad in plywood and is topped by a side-gabled asphalt roof. The south portion of the roof is covered with tarps. There are no windows in the window openings.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 394023

Location

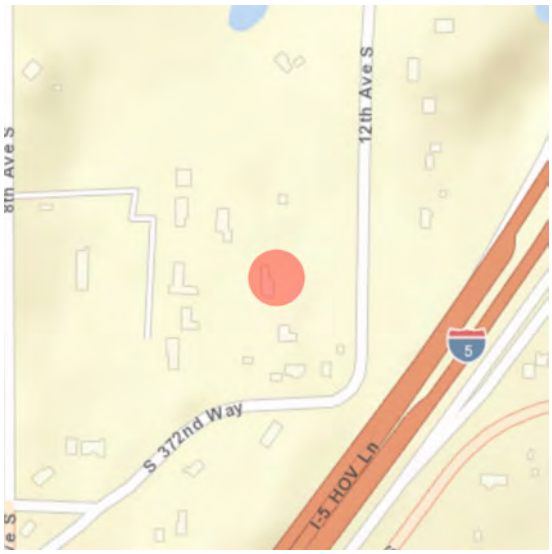

Address:	37101 12TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049006
Plat/Block/Lot:	S 182 FT OF N 976 FT OF W 1/2 OF E 1/2 OF NW 1/4 O
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 394023

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00115, , Assessors Data Project: King County H	7/5/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 394023

Photos

37101 12th Avenue S

37101 12th Avenue S, King County Assessor, undated

37101 12th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 394023

Inventory Details - 7/5/2011

Common name:

Date recorded: 7/5/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049006

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 37101 12th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1968 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 394023

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Foundation	Concrete - Poured
Cladding	Brick
Cladding	Wood - Vertical Boards
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1968), the residence at 37101 12th Avenue S retains integrity of location, setting, feeling, and association, although alterations including window replacement have diminished its integrity of design, materials, and workmanship.

Evaluation

The residence at 37101 12th Avenue S was constructed in 1968. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring few features of the type, apart from its horizontal emphasis and mix of cladding (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 37101 12th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 37101 12th Avenue S was constructed in 1968 (King County Assessor 2020). The one-story, L-shaped residence faces east toward 12th Avenue S, though the building is minimally visible from the ROW due to its setback behind mature foliage. The building sits on a poured-concrete foundation, is clad in brick veneer and vertical boards, and is topped by a cross-gabled asphalt roof. A two-car garage is attached at the southeast corner. The few windows that are visible from the ROW are vinyl framed.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 324524

Location

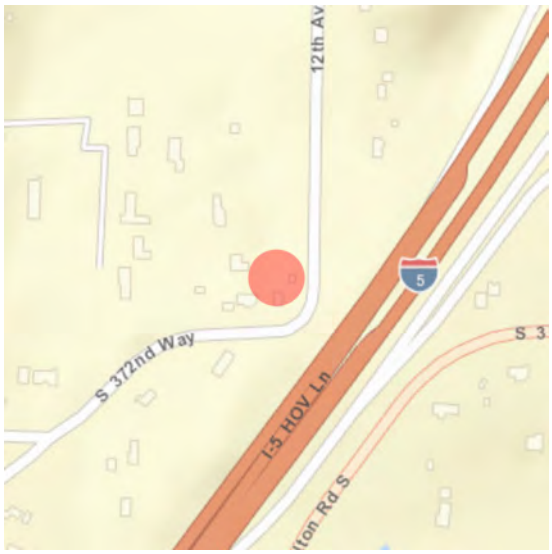

Address:	37125 12TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049128
Plat/Block/Lot:	W 1/2 OF E 1/2 OF E 1/2 OFNW 1/4 OF NE 1/4 LESS N
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 324524

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/11/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 324524

Photos

37125 12th Avenue S

37125 12th Avenue S, King County Assessor, 1970

37125 12th Avenue S

Historic Property Report

Resource Name: Residence

Property ID: 324524

Inventory Details - 7/11/2011

Common name:

Date recorded: 7/11/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049128

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 37125 12th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1969 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 324524

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Post & Pier
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the residence at 37125 12th Avenue S retains integrity of location and setting, although alterations, including recladding and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 37125 12th Avenue S was constructed in 1969. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a small Ranch house, featuring few characteristics of the type, apart from its rectangular form (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and garage at 37125 12th Avenue S are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 37125 12th Avenue S was constructed in 1969 (King County Assessor 2020). The one-story, rectangular residence faces east toward 12th Avenue S and a paved, curved driveway. The building's foundation is covered, likely post and pier. It is clad in wood clapboard and is topped by a side-gabled asphalt roof. The main entrance is noted by a small gabled entry porch with wood posts and concrete steps. The windows are vinyl framed in altered fenestration. A two-car, detached garage sits just northeast of the house.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 721375

Location

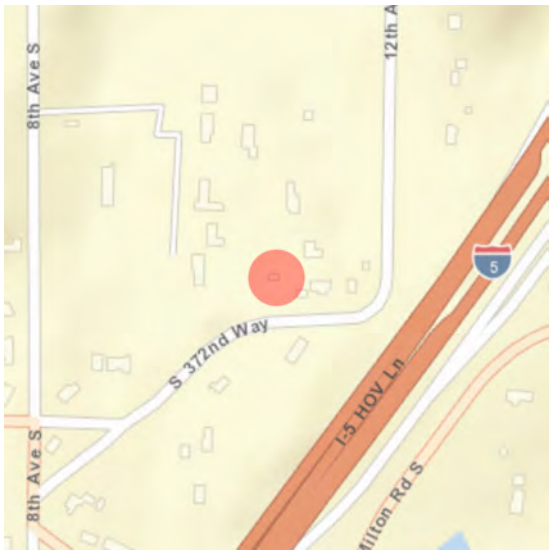

Address: 1020 S 372nd Way, Federal Way, Washington, 98003

Tax No/Parcel No: 3221049133

Geographic Areas: T21R04E32, POVERTY BAY Quadrangle, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1972	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721375

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721375

Photos

1020 S 372nd Way

1020 S 372nd Way, King County Assessor, undated.

1020 S 372nd Way

Historic Property Report

Resource Name: Residence

Property ID: 721375

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Plan	Rectangle
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1972), the residence at 1020 S 372nd Way retains integrity of location and setting, although alterations, including an enclosed former deck on the west elevation, recladding, window replacement, and the addition of an elevator, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1020 S 372nd Way was constructed in 1972. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a common post-World War II residence in a modified Ranch plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 1020 S 372nd Way is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 1020 S 372nd Way was constructed in 1972 (King County Assessor 2020). The single-story, rectangular residence above a daylight basement faces south toward S 372nd Way and is built into a hillside. The building sits on a poured-concrete foundation, is clad in wood clapboard, and is topped by a cross-gabled asphalt roof. The facade's primary entry is noted by the two-tiered entry porch under a gabled roof supported by wood and brick posts. The windows are aluminum framed. The west side of the building features a carport with a direct entrance into the lower level. The county assessor data indicates an elevator was installed in 2002. A three-car, detached garage that sits on a poured-concrete foundation, is clad in wood clapboard, and has a side-gabled asphalt roof sits just southwest of the house. A storage shed constructed in the later 1990s is located on the west side of the residence.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January31, 2020.

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Historic Property Report

Historic Name: Pircey Race Cars

Property ID: 732004

Location

Address: 37205 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: King County, T21R04E32, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Agriculture/Subsistence	
Agriculture/Subsistence	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Pircey Race Cars

Property ID: 732004

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

37205 Pacific Highway S, view west.

37205 Pacific Highway S, view southwest.

Historic Property Report

Historic Name: Pircey Race Cars

Property ID: 732004

Inventory Details - 10/19/2023

Common name:	Barn
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Form Type	Barn - Gothic Arch
Roof Type	Gable
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - T 1-11
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	Gothic Revival

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1960), the building at 37205 Pacific Highway S retains integrity of location and setting, as it remains on its original parcel adjacent to Pacific Highway S. The building does not retain integrity of design, materials, workmanship, feeling, or association, due to changes in materials, including T1-11 siding, the addition of incompatible fixed windows and a garage door, and a change in use.

Evaluation

Signage identifies the commercial business in the converted barn at 37205 Pacific Highway S as "Pircey Race Cars," a business that restores cars. The building's original use is unclear, but it was added to a cleared but undeveloped parcel ca. 1960 and may have been associated with a small pasture or agricultural operation, although aerial photographs are inconclusive. Historic-period aerials do not include a farmhouse or other structures at this location (NETROnline 2023). The building's form and materials suggest that its use was originally agricultural, although alterations have obscured its original facade and replaced original materials.

The building serves as a workspace for an automobile restorer. It does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building retains the distinctive Gothic barn shape, although all other features are associated with its commercial use, including its storefront. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 37205 Pacific Highway S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the King County Assessor, the only built resources on this parcel, addressed as 37205 Pacific Highway S, are a 1966 single-wide manufactured home and a covered carport (King County Assessor 2023). The single-wide home was not evident at the time of survey, but the parcel includes a converted barn dating from between 1955 and 1964, as indicated by historic aerials (NETROnline 2023). The covered carport is attached at the building's south elevation. The converted barn, Gothic in type, is two stories tall. Its lower story is constructed of concrete block and includes sheets of T1-11 above. Its arched roof is covered in asphalt shingles.

The building's main facade faces east. The building has been converted to a commercial use and includes a central metal entry door flanked north and south by large, fixed windows. Above is a Dutch hayloft door, wood, flanked by two nine-light, wood-frame windows. A diamond of T1-11 has been installed in the roof arch. The building's north elevation includes an overhead garage door and a single twelve-light window. Its south elevation is obscured by the walls of a temporary covered carport constructed of a metal roof and over slim metal posts. The one visible window on this elevation is a fixed light.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Resource Name: Residence

Property ID: 306294

Location

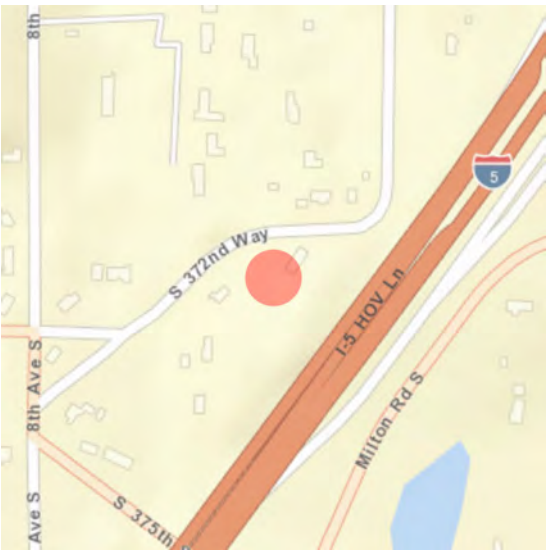

Address:	1021 S 372ND WAY, FEDERAL WAY, WA
Tax No/Parcel No:	3221049121
Plat/Block/Lot:	POR OF E 1/2 OF SW 1/4 OF NE 1/4LY NWLY OF ST HWY
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1962	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 306294

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 306294

Photos

1021 S 372nd Way

1021 S 372nd Way, King County Assessor, undated.

1021 S 372nd Way

Historic Property Report

Resource Name: Residence

Property ID: 306294

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049121

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 1021 S 372nd Way, Federal Way, is located in King County. According to the county assessor, the structure was built in 1962 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 306294

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Stucco
Roof Type	Gable - Side
Roof Material	Clay Tile
Structural System	Wood - Platform Frame
Form Type	Single Dwelling

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1962), the residence at 1021 S 372nd Way retains integrity of location and setting, although alterations, including an added garage and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1021 S 372nd Way was constructed in 1962. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a common post-World War II residence with minimal architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 1021 S 372nd Way is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 1021 S 372nd Way was constructed in 1962 (King County Assessor 2020). The two-story, rectangular residence faces west away from S 372nd Way, and the facade is obscured by heavy vegetation. The building sits on a poured-concrete foundation, is clad in stucco, and is topped by a side-gabled tiled roof. Visible from the north is a projecting, gabled, two-bay garage with stone cladding. The residence's second-story main entrance is noted by a staircase on the west-facing facade. Visible windows are vinyl framed. The driveway is gated with large stone posts and a stone archway at a pedestrian entrance.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Historic Property Report

Resource Name: Residence

Property ID: 317535

Location

Address:	37227 8TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049100
Plat/Block/Lot:	E 190.5 FT OF S 160 FT OF N 1/2 OF NE 1/4 OF SE 1/
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1938	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 317535

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/9/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/17/2020	Survey/Inventory	

Photos

37227 8th Ave S, view northwest

37227 8th Ave S, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 317535

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049100

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 37227 8th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1938 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Resource Name: Residence

Property ID: 317535

Inventory Details - 4/17/2020

Common name:

Date recorded: 4/17/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Cladding	Brick
Roof Type	Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Masonry - Brick

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1938), the residence at 37227 8th Avenue S retains integrity of location, setting, feeling, and association, although alterations, including window replacement, garage conversion, and altered fenestration have diminished the building's integrity of design, materials, and workmanship.

Evaluation

The residence at 37227 8th Avenue S was constructed in 1938. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building includes the wide, horizontal plan of a Ranch house with some distinctive historic-period features, including massing, cladding, and some wood windows (Criterion C). However, alterations have removed historic fabric and obscured its historic character. It no longer embodies the distinctive characteristics of a particular type, period, or method of construction; or represents the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of integrity, Historical Research Associates recommends that the residence at 37227 8th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 37227 8th Avenue S was built in 1938 (King County Assessor 2020). The residence fronts northeast. The one-story building sits on a poured-concrete foundation and daylight basement, is clad in brick, and is topped by a hipped asphalt roof. Some windows are wood framed, but those on the northeast elevation (facade) have been replaced with aluminum-framed windows in altered fenestration. The main entrance faces northeast towards the driveway. The original garage has been enclosed and likely converted to living space. A second-story balcony is located on the northwest (rear) elevation, according to historic photos from the King County Assessor. An exterior staircase was constructed on the northwest elevation along the balcony in 1960.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

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Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 325877

Location

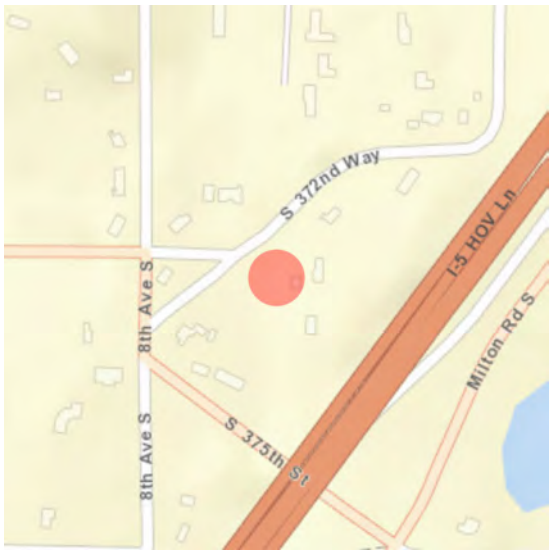

Address:	831 S 373RD PL, FEDERAL WAY, WA
Tax No/Parcel No:	3221049081
Plat/Block/Lot:	N 130 FT OF S 990 FT OF W 1/2 OFSW 1/4 OF NE 1/4 L
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 325877

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/11/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 325877

Photos

831 S 373rd Place

831 S 373rd Place, King County Assessor, undated

831 S 373rd Place, King County Assessor, undated

831 S 373rd Place

Historic Property Report

Resource Name: Residence

Property ID: 325877

Inventory Details - 7/11/2011

Common name:

Date recorded: 7/11/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049081

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 831 S 373rd Place, Federal Way, is located in King County. According to the county assessor, the structure was built in 1951 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 325877

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the residence at 831 S 373rd Place retains integrity of location and setting, although alterations, including recladding, window replacement, and an addition, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 831 S 373rd Place was constructed in 1951. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring few distinctive features of the type, apart from its horizontal emphasis and rectangular form (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 831 S 373rd Place is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 831 S 373rd Place was constructed in 1951 (King County Assessor 2020). The one-story residence is generally rectangular and faces west toward S 373rd Place at the end of a long driveway. The building is minimally visible behind heavy vegetation. The building sits on an unknown foundation, is clad in wood clapboards, and is topped by a side-gabled asphalt roof. There is a garage and carport addition on the north end under a separate gabled roof. Visible windows are vinyl framed and likely in altered fenestration. There is a large detached garage southwest of the building clad in metal with a front-gabled metal roof.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Single-family residence

Property ID: 394752

Location

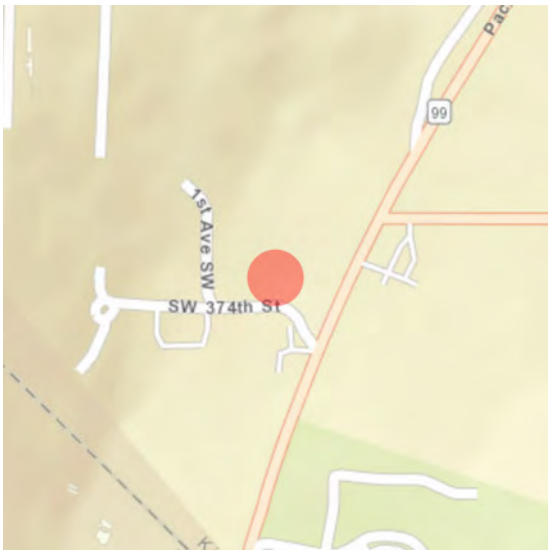

Address:	112 SW 374TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	2188203365
Plat/Block/Lot:	EAST TACOMA ADDLESS C & M RGTS
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E31

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1946	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 394752

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00115, , Assessors Data Project: King County H		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

112 SW 374th Street, view northeast.

112 SW 374th Streetview northwest.

Historic Property Report

Historic Name: Single-family residence

Property ID: 394752

Inventory Details - 7/5/2011

Common name:

Date recorded: 7/5/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2188203365

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 112 SW 374th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1946 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Historic Name: Single-family residence

Property ID: 394752

Inventory Details - 10/19/2023

Common name:	Single-family residence
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Ranch
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Log
Structural System	Wood - Platform Frame
Plan	Square

Styles:

Period	Style Details
Modern Movement (1930-1970)	Prairie Ranch

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1946), the residence and garage at 112 SW 374th Street retain integrity of location and setting, as they remain on their original parcel. They do not retain integrity of design, materials, or workmanship, due to incompatible alterations, including the addition of vinyl-frame windows on the residence and T1-11 on the garage, alterations that diminish a modest building's ability to convey significance. The buildings retain integrity of feeling and association, as they retain their original use.

Evaluation

The residence at 112 SW 374th Street was constructed in 1946, at the beginning of a housing boom associated with the end of World War II. The residence was constructed in a small residential area of relatively large lots off Pacific Highway. If the residence were part of a planned suburb, or if it were part of a collection of log homes, it could be significant as part of a potential historic district. However, the residence does not appear to be part of an assemblage of resources linked by past events or by aesthetics. Log construction became popular in the mid-twentieth century, particularly for vacation homes. However, archival research, including through the King County Assessor, does not identify this home as an example from a significant designer or building (Pan Abode, for instance, or another kit house builder like Lindal Cedar Homes, which was established in Canada in 1944 and became popular in the 1950s) (BOLA 2017; King County Assessor 2023). Therefore, it appears the building is not associated with significant trends in residential design.

The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building retains the form of a Ranch house and retains its log siding, but it no longer possesses other features of mid-century Ranch plans, including wood- or aluminum-frame windows and attached garages. Without these features, the building cannot be considered a significant example of its type. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 112 SW 374th Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the single-family residence at 112 SW 374th Street was constructed with a detached garage to the rear in 1946 (King County Assessor 2023). The building is a single-family residence, generally square in plan, facing south toward SW 374th Street. The building sits on a poured-concrete foundation, is clad in log siding, and is topped by a side-gabled asphalt shingle roof.

The building's main facade includes an off-center entry door. East of the entry is a vinyl-frame picture window above shallow sliding windows. West of the entry is a central, gabled projection with a large, vinyl-frame picture window under a shallow awning. West of the projection is a shallow one-over-one vinyl-frame window. The building's west elevation is located behind an L-shaped arbor and covered deck or porch covered by a flat roof supported by slim wood posts. The arbor and porch are located between the residence and a garage to the rear, located behind privacy fencing, mature foliage, and the arbor. The garage, minimally visible at the time of survey, appears to be clad in a combination of T1-11 siding and lapped boards with an overhead garage door.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

BOLA
2017 Mid-Century King County: A Context Statement on Post-War Residential Development. Electronic document, https://kingcounty.gov/~/media/services/home-property/historic-preservation/documents/resources/MidcenturyKCPostwarResidentialContextStatement.ashx?la=en, accessed January 30, 2023.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Historic Property Report

Historic Name: Jerstad residence

Property ID: 396720

Location

Address:	215 S 373RD ST, FEDERAL WAY, WA
Tax No/Parcel No:	3221049087
Plat/Block/Lot:	BEG NW COR OF S 1/2 OF N 1/2 OF SW 1/4 OF NW 1/4 T
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32, King County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1918	☐
Built Date	1911	☐
Remodel	1938	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Jerstad residence

Property ID: 396720

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00116, , Assessors Data Project: King County I		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Jerstad residence

Property ID: 396720

Photos

215 S 373rd Street, view southeast.

215 S 373rd, 1959, view southwest, courtesy of the King County Assessor.JPG

215 S 373rd, view northwest, undated, courtesy of the King County Assessor.JPG

215 S 373rd Street, view south.

215 S 373rd Street, view south.

Historic Property Report

Historic Name: Jerstad residence

Property ID: 396720

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049087

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 215 S 373rd Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1918 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Historic Name: Jerstad residence

Property ID: 396720

Inventory Details - 10/19/2023

Common name:	Single-family residence
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Cladding	Wood
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Balloon Frame

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Craftsman

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1918), the residence at 215 S 373rd Street retains integrity of location, as it remains on its original parcel. It does not retain integrity of setting, as the remainder of the parcel, originally a farm, has been converted to commercial space and vehicle storage. Outbuildings have been added, including a Quonset hut and additional sheds and warehouses that did not appear in their present configuration until 1998. A mobile home was added to the parcel in 2017 (King County Assessor 1936--2024; NETROnline 2023). The residence does not retain integrity of design, materials, or workmanship due to alterations including an added dormer on the west elevations, replacement windows, and alterations to the side and rear porch, including an added door on the rear elevation. The residence does not retain integrity of feeling and association as historic aerial imagery from 1936 shows that it was originally paired with a farm (NETROnline 2024). At the time of survey, the farmlands had been replaced by extensive gravel vehicle parking and additional storage and work buildings. Those constructed prior to 1981 have been recorded separately (NETROnline 2023).

Evaluation
The building at 215 S 373rd Street was constructed ca. 1911. Additional buildings, likely agricultural in use, were constructed ca. 1918 but appear to have been removed by 1936

(King County Assessor 1935--2024). Additional workshops, storage sheds, and other outbuildings, along with extensive vehicle storage, were added beginning in approximately 1960 (King County Assessor 1936--2024; NETROnline 2024). Assessor's notes, paired with additional archival research, suggest that the residence was part of a chicken farm owned and operated by Andrew Martin Jerstad and his wife, Kjersti, who came to the United States from Norway at the turn of the twentieth century. Andrew died in 1949 and Kjersti in 1960 (Tacoma News Tribune 1949, 1960). Sometime in the mid-twentieth century, the parcel was acquired by the Clark family, the current owners (King County Assessor 2024).

A review of newspaper files and data from the Federal Way Historical Society, along with historic-period aerials, did not reveal any important associations between the residence and significant commercial, agricultural, or residential uses. The residence and garage do not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Although the Jerstad family were likely some of the earliest residents in minimally developed south King County, background research did not reveal that they possessed documented significance in a local, state, or national context (Criterion B). The residence, which dates to ca. 1911, retains some features of a modest early farmhouse, evident in its cross-gabled form. It also retains some Craftsman details, evident in the knee braces under the eaves. However, the building lacks the porch, window, and ornamental details distinctive of either the Victorian farmhouse or Craftsman bungalow types. The building does not possess sufficient distinctive characteristics of a particular type, period, or method of construction to be significant. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the buildings were built of common construction methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends the residence at 215 S 373rd Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the parcel at 215 S 373rd Street includes a residence and detached garage from 1918, plus multiple miscellaneous improvements including a metal Quonset hut, a shop, and additional storage buildings (King County Assessor 2023). Archival research indicated that these resources did not appear in their present configuration until 1998 (NETROnline 2023). Three resources were constructed prior to 1981 (the residence, Quonset hut, and warehouse/garage) and have been recorded separately.

The residence, constructed in 1918, is two stories tall, rectangular, and faces north toward S 373rd Street. It sits on a poured-concrete foundation, is clad in lapped wood siding, and is topped by a front-gabled, asphalt shingle roof. The building's primary facade includes a central projecting stoop topped by a gabled roof supported by round Tuscan columns. An off-center entry door is flanked by one-over-one windows symmetrical with the gabled portico sheltering the off-center entry door. On the second floor are two one-over-one windows flanking a central sliding window. Two small one-over-one windows are located under the eaves. The awning is supported by knee braces. The east elevation includes a projecting, shed-roofed sunporch with concrete steps and pipe railings. Walls include wood-frame windows. Flanking the porch are pairs of one-over-one windows. Above the porch is a gabled dormer with an additional pair of one-over-one windows. The building's west elevation also includes two pairs of one-over-one windows on the lower floor and an additional pair in the gabled dormer. South of the dormer is an additional shed-roofed dormer with no evident fenestration. The building's south elevation was minimally visible but included additional windows in pairs above a porch, possibly enclosed, with a hipped roof. All visible eaves were supported by knee braces. Windows appear to be replacements, and likely vinyl frame.

Southeast of the residence is a detached garage apparently used for storage or work. The building is rectangular, clad in wood siding (drop siding), and topped by a front-gabled, corrugated metal roof. The north-facing elevation includes a pedestrian door with central light and a one-over-one, wood-frame window to the west. An opening in the gable has been sealed with plywood. A shelter has been attached along the building's open west elevation. It consists of a projecting flat roof supported by square wood posts.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

Houser, Michael
2014 Midcentury Modern Architecture in Washington State, Quonset Hut 1941-1960. Electronic document, https://dahp.wa.gov/sites/default/files/MID-CENTURY%20MODERN_QuonsetHut_0.pdf, accessed January 24, 2023.

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2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Historic Name: Clark warehouse/garage

Property ID: 732828

Location

Address: 215 S 373rd St, Federal Way, Washington, 98003

Geographic Areas: T21R04E32, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Historic Name: Clark warehouse/garage

Property ID: 732828

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Clark warehouse/garage

Property ID: 732828

Photos

215 S 373rd outbuilding, view northeast.

215 S 373rd outbuilding (uncovered opening east elevation)

215 S 373rd Street, view southeast.

Historic Property Report

Historic Name: Clark warehouse/garage

Property ID: 732828

Inventory Details - 1/18/2024

Common name:	Warehouse
Date recorded:	1/18/2024
Field Recorder:	Chrisanne Beckner
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Roof Type	Gable - Front
Roof Material	Metal - Corrugated
Cladding	Metal - Corrugated
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: While the residence at 215 S 373rd Street (recorded separately) was visible from the roadway, outbuildings were located at such a distance from the public right-of-way that they could not be fully documented. Surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through survey and desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity

From its period of construction, circa 1960, the warehouse/garage at 215 S 373rd Street retains integrity of location as it remains on its original parcel. It does not retain integrity of setting as the minimally developed parcel on which it was constructed has been developed with additional warehouses and gravel truck parking. It's unclear whether the building retains integrity of design, materials, or workmanship, as on-site survey was not possible. The building does not retain integrity of feeling or association as it was constructed as the first outbuilding in this location and is now surrounded by dense additional development (NETROnline 2024).

Evaluation

The original use of the garage/warehouse is unknown. The building was added to the location of a former chicken farm and does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in form, constructed of mass-produced materials, and while recognizable as a warehouse or garage, does not possess any distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends the warehouse/garage at 215 S 373rd Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the parcel at 215 S 373rd Street includes a single-family residence with detached garage from 1918 and a number of miscellaneous improvements, including a Quonset hut and numerous shop and storage buildings (King County Assessor 2024). Archival research indicated that these resources did not appear in their present configuration until 1998 (NETROnline 2023). Three resources were constructed prior to 1981 (the residence, Quonset hut, and warehouse/garage) and have been recorded separately.

The warehouse/garage, minimally visible from the public right-of-way, is located at the southwest corner of the parcel and close to Pacific Highway S. A review of historic-period aerials suggests it was constructed circa 1960 on a parcel that already included a single-family residence with detached garage from 1918 (NETROnline 2024). The outbuilding is set back on the parcel addressed as 215 S 373rd Street and faces north. The warehouse is rectangular in plan, a single story tall, and includes two overhead garage doors on its north elevation. The building sits on a foundation of unknown material and is clad in corrugated metal panels, some of which have been removed to create uncovered openings. It is topped by a front-gabled corrugated metal roof with minimal eaves. Its east elevation, which is not visible from the right-of-way, has been attached to additional warehouse buildings.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2024 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 23, 2024.

NETROnline
2024 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 23, 2024.

Historic Property Report

Historic Name: Jerstad Quonset hut

Property ID: 732847

Location

Address: 215 S 373rd St, Federal Way, Washington, 98003

Geographic Areas: King County, POVERTY BAY Quadrangle, King County Certified Local Government, T21R04E32

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑
Addition	1985	☑

Historic Use:

Category	Subcategory

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Historic Name: Jerstad Quonset hut

Property ID: 732847

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Jerstad Quonset hut

Property ID: 732847

Photos

215 S 373rd Quonset hut, view south.

215 S 373rd, 1968, view south, courtesy of the King County Assessor.JPG

215s373rdSt_FederalWay2.jpg

215s373rdSt_FederalWay1.jpg

Historic Property Report

Historic Name: Jerstad Quonset hut

Property ID: 732847

Inventory Details - 1/23/2024

Common name:

Date recorded: 1/23/2024

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Quonset Hut
Roof Type	Barrel
Plan	Rectangle
Roof Material	Metal - Corrugated
Cladding	Metal - Corrugated
Structural System	Metal - Steel

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: While the residence at 215 S 373rd Street (recorded separately) was visible from the roadway, outbuildings were located at such a distance from the public right-of-way that they could not be fully documented. Surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through survey and desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
The Quonset hut at 215 S 373rd Street was constructed or installed at this location between 1955 and 1964, according to historic-period aerials (ca. 1960) (NETROnline 2024). It's not clear if it retains integrity of location as it may have been constructed in the 1940s for a previous military use and repurposed, as is the case for many known examples, or it may have been a late model constructed during the mid-twentieth century and installed at this location to provide storage or work space. It does not retain integrity of setting as the minimally developed parcel on which it was installed has been developed with additional warehouses and gravel vehicle storage. It's unclear whether the building retains integrity of design, materials, or workmanship, as on-site survey was not possible, but a large addition to the rear has likely diminished its integrity. It's not clear whether the building retains integrity of feeling and association as its original use is

not known (NETROnline 2024).

Evaluation

According to the King County Assessor, the Quonset hut at 215 S 373rd Street was manufactured in 1940 (King County Assessor 2024). However, this appears to be an error as Quonset huts were first developed in 1941 by the George A. Fuller Company at Quonset Point Naval Air Station in Rhode Island. The basic mass-produced Quonset hut became popular with military bases expanding in support of World War II, and numerous companies developed and sold their own versions. After the war, many were repurposed for commercial and agricultural use or installed as temporary housing (DAHP 2024). As described the Washington State Department of Archaeology and Historic Preservation, "the basic Quonset Hut came with multiple pieces of curved steel ribs for the frame; a one-inch tongue-and-groove plywood floor; wood fiber insulation between an outer shell of corrugated metal and an inner lining of Masonite; plus doors, windows and a chimney" (DAHP 2024; Houser 2014).

As the original use of the Quonset hut is unknown, it's possible that the building is associated with the significant events and trends of World War II (Criterion A). However, as the historic use of the building is unclear, and it is now located on a rural residential parcel with no known military associations, it's not possible for the building to convey its significance. Additionally, it's possible that the building was installed at this location in the 1950s or 1960s to support a commercial or utilitarian use, in which case, the building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The Quonset hut is a mass-produced type that was popular during the mid-twentieth century but has become increasingly rare as these buildings, with minimal square footage, have been removed or replaced (DAHP 2024). Significant examples likely remain on military installations or retain sufficient integrity to convey their original use. This example, which has been greatly expanded by an addition on the rear, does possess the footprint, barrel vault, and metal skin indicative of the type, period, and method of construction, but appears to lack the symmetrical facade and the original doors and windows with which most examples were designed (Houser 2014; DAHP 2024). It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

While the building at 215 S 373rd Street is an example of a significant type, the Quonset hut, based on a lack of integrity, Historical Research Associates, Inc. recommends the building not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the parcel at 215 S 373rd Street includes a single-family residence with detached garage from 1918 and a number of miscellaneous improvements, including the Quonset hut and numerous shop and storage buildings (King County Assessor 2024). Archival research indicated that these resources did not appear in their present configuration until 1998 (NETROnline 2023). Three resources were constructed prior to 1981 (the residence, Quonset hut, and warehouse/garage) and have been recorded separately.

The Quonset hut at 215 S 373rd Street was either constructed or installed at this location between 1955 and 1964 (ca. 1960) (King County Assessor 2024; NETROnline 2024). It was minimally visible from the public right-of-way. The building sits far back on a deep parcel and is surrounded by additional warehouses and graveled car and truck storage. The building faces north, is barrel vaulted, and includes a shed-roofed addition off its rear (south) elevation. A review of historic-period aerials suggests the addition was construction ca. 1985 (NETROnline 2024). The building sits on a foundation of unknown material, is skinned in metal, likely corrugated, and includes an off-center entry door paired with window openings on its north elevation. The shed roof addition is paired with a silo at the rear of the building. It is minimally visible above the Quonset hut roof and on both the east and west elevations. It's not clear how the Quonset hut and addition are being used.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
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Houser, Michael
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NETROnline
2024 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 23, 2024.

Historic Property Report

Resource Name: Residence

Property ID: 315526

Location

Address:	37325 8TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049023
Plat/Block/Lot:	E 518 FT OF S 1/2 OF N 1/2 OF SE1/4 OF NW 1/4 LESS
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1938	☑
Addition	1980	☑
Remodel	2013	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 315526

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/9/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Photos

37325 8th Ave S, view west

37325 8th Ave S, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 315526

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049023

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 37325 8th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1911 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 315526

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Brick
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Plan	Rectangle
Form Type	Single Dwelling - Split Entry
Structural System	Masonry - Brick

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Colonial Revival
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1938), the residence at 37325 8th Avenue S retains integrity of location, setting, feeling, and association, although alterations, including window replacement, altered fenestration, and the addition of an attached garage, have diminished the building's integrity of design, materials, and workmanship. The building was renovated after a fire in 2013 (King County Assessor 2020).

Evaluation

The residence at 37325 8th Avenue S was constructed in 1938. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a pre-World War II residence with few distinctive historic-period features apart from its massing. Recent renovations have greatly altered its historic-period character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 37325 8th Avenue S is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 37325 8th Avenue S was built in 1938 (King County Assessor 2020). The one-story building sits on a poured-concrete foundation and daylight basement, is clad in brick, and is topped by a side-gabled asphalt roof. The windows on the main floor and basement level are vinyl framed in altered fenestration. The main entrance faces east and sits under a small flat roof supported by wrought iron supports. The entry gives the building an unusual split-level appearance. The entry is topped by a small gabled dormer, partially infilled around a vinyl window. The one-story garage on the north elevation was added in the 1980s and includes a rooftop deck. An exterior staircase on the west elevation provides access to the rear entrance.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 327903

Location

Address:	819 S 373RD PL, FEDERAL WAY, WA
Tax No/Parcel No:	3221049122
Plat/Block/Lot:	POR E 225 FT OF S 200 FT OF N 660 FT OF W 1/2 OF S
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 327903

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/11/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 327903

Photos

819 S 373rd Place, King County Assessor, undated

819 S 373rd Place, King County Assessor, undated.

819 S 373rd Place, King county Assessor, 1967

819 S 373rd Place

Historic Property Report

Resource Name: Residence

Property ID: 327903

Inventory Details - 7/11/2011

Common name:

Date recorded: 7/11/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049122

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 819 S 373rd Place, Federal Way, is located in King County. According to the county assessor, the structure was built in 1969 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Resource Name: Residence

Property ID: 327903

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Cladding	Brick
Form Type	Single Dwelling

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Colonial Revival

Surveyor Opinion

Significance narrative: The building at 819 S 373rd Place could not be surveyed from the ROW. However, a review of King County Assessor's data, as well as aerials and other online sources, made a desktop evaluation possible.

Integrity

From its period of construction (1951), the residence at 819 S 373rd Place retains integrity of location, setting, feeling, and association, although alterations including window replacement and an added deck have diminished its integrity of design, materials, and workmanship.

Evaluation

The residence at 819 S 373rd Place was constructed in 1969. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a Colonial Revival residence from the late-twentieth century, featuring few references to the historic style apart from its door surround and projecting eave supported by columns (Criterion C). It does not embody the distinctive characteristics of its particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates recommends that the residence at 819 S 373rd Place is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the King County Assessor, the residence at 819 S 373rd Place was constructed in 1969 (King County Assessor 2020). However, due to the building's setback, it is not visible from the ROW. Based on data from the county assessor, the building has a rectangular plan with a deck on the north side. It is a two-story building with a west facing main entrance and a side-gabled asphalt roof. It appears to be clad in brick with vinyl-framed windows, false shutters, and a Colonial Revival surround with pediment at the primary, central entry. A projecting eave supported by columns shelters the entry.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 304328

Location

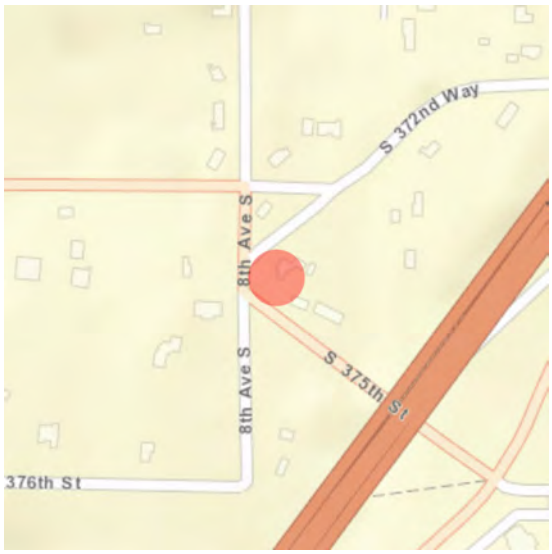

Address:	805 S 373RD PL, FEDERAL WAY, WA
Tax No/Parcel No:	3221049124
Plat/Block/Lot:	POR OF W 1/2 OF SW 1/4 OF NE 1/4 BEG N 00-08-48 E8
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑
Addition	1980	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 304328

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 304328

Photos

805 S 373rd Pl, view northeast

805 S 373rd Pl, King County Assessor, 1970

805 S 373rd Pl, view east

Historic Property Report

Resource Name: Residence

Property ID: 304328

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049124

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 805 S 373rd Place, Federal Way, is located in King County. According to the county assessor, the structure was built in 1969 and is a single family dwelling. The building has a single-family form.

Historic Property Report

Resource Name: Residence

Property ID: 304328

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Brick
Cladding	Wood
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Plan	Irregular
Form Type	Single Dwelling - Ranch
Structural System	Masonry - Brick

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the residence at 805 S 373rd Place retains integrity of location, feeling, and association, although alterations including window replacement, a garage addition, and the addition of several outbuildings, have diminished the primary building's integrity of setting, design, materials, and workmanship.

Evaluation

The residence at 805 S 373rd Place was constructed in 1969. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest Ranch with few distinctive historic-period features apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 805 S 373rd Place is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 805 S 373rd Place was built in 1969 (King County Assessor 2020). It fronts northwest. The one-story building sits on a poured-concrete foundation, is clad in brick and horizontal wood siding, and is topped by a side-gabled asphalt roof. It includes a 1980 attached garage addition to the north. The windows are vinyl framed. The main entrance sits under the full-length entry porch on the northwest facade. The porch roof is supported by (non-original) wrought iron supports (see Figure 6.2-91). There are several outbuildings on the property. One side-gabled storage building is northeast of the garage addition. A one-story, gambrel-roof storage building sits just south of the main building. Two garage buildings with side-gabled roofs sit east of the southeast corner of the main house.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Garage or warehouse

Property ID: 732005

Location

Address: 37405 Pacific Hwy S, Federal Way, Washington, 98003

Geographic Areas: T21R04E31, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1972	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Garage or warehouse

Property ID: 732005

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Garage or warehouse

Property ID: 732005

Photos

37405 Pacific Highway S, view southeast.

IMG_6961.JPG

37405 Pacific Highway S, view north.

Historic Property Report

Historic Name: Garage or warehouse

Property ID: 732005

Inventory Details - 10/19/2023

Common name:	Warehouse
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Roof Type	Gable - Front
Roof Material	Metal - Standing Seam
Foundation	Concrete - Poured
Form Type	Utilitarian
Cladding	Wood - T 1-11
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1972), the warehouse or garage at 37405 Pacific Highway S retains integrity of location and setting, as it remains on its original parcel. It does not retain integrity of design, materials, or workmanship, due to incompatible replacement materials including sheet siding. It does not retain integrity of feeling or association, as the building is located on a parcel zoned residential and is located among other residential developments but is no longer associated with a residential building.

Evaluation

The warehouse at 37405 Pacific Highway S was constructed in 1972 among a neighborhood of mid-century residences on relatively large lots off Pacific Highway. A residence was located north of the warehouse by 1955, but it was demolished between 1969 and 1980. It is not clear if the warehouse might have been associated with this former residence at one time (King County Assessor 2023; NETROnline 2023). Today, the warehouse stands alone and adjacent to a large parking lot, suggesting that its use is commercial.

The building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is utilitarian in form and possesses few distinctive characteristics apart from its gabled form. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 37405 Pacific Highway S not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the parcel at 37405 Pacific Highway S includes one building, a storage warehouse constructed in 1972 (King County Assessor 2023). The building is rectangular, front-gabled, and faces away from Pacific Highway and north toward SW 374th Street. The building sits on a poured-concrete foundation, is clad in T1-11 siding, and includes sliding garage doors on tracks on both the north and south elevations. No other openings or fenestration were visible. The building is topped by a standing-seam metal roof.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

King County Assessor
2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Historic Property Report

Resource Name: Revival Slavic Baptist Church

Property ID: 337360

Location

Address:	37515 8TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049091
Plat/Block/Lot:	BEG SE COR OF S 1/2 OF SE 1/4 OF NW 1/4 TH W ALG S
Geographic Areas:	King County, POVERTY BAY Quadrangle, T21R04E32

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Social	Social - Civic
Social	Social - Civic

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Revival Slavic Baptist Church

Property ID: 337360

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00111, , Assessors Data Project: King County E	7/1/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Revival Slavic Baptist Church

Property ID: 337360

Photos

37515 8th Avenue S, historic-period church building

37515 8th Avenue S, historic-period outbuilding

37515 8th Avenue S, historic-period church building

Historic Property Report

Resource Name: Revival Slavic Baptist Church Property ID: 337360

Inventory Details - 7/1/2011

Common name:

Date recorded: 7/1/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049091

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 37515 8th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1951 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1975. The 1-story building has an unknown form.

Historic Property Report

Resource Name: Revival Slavic Baptist Church Property ID: 337360

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Hip
Roof Material	Asphalt/Composition
Structural System	Wood - Platform Frame
Form Type	Church - No Steeple

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the complex at 37515 8th Avenue S retains integrity of location, although alterations, including recladding, window replacement, and the addition of new buildings, have diminished the integrity of the complex's setting, design, materials, workmanship, feeling, and association.

Evaluation

The complex at 37515 8th Avenue S was constructed beginning in 1951. The buildings have been used by a series of private groups, including a Montessori school and the Korean-American Calvary Baptist Church (King County Assessor 2020). The complex does not appear, based on a review of historic maps and local histories, to hold any specific historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The 1951 church is a modest example of a Modern building, featuring the wide facade, shallow roof and deep eaves typical of its era but few other characteristics of the type. The residence is modest in plan and materials (Criterion C). Collectively, the complex does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the religious complex at 37515 8th Avenue S is not eligible for listing in the National

Physical description:

According to the King County Assessor, the religious complex at 37515 8th Avenue S, known as the Slavic Church of Revival, was constructed in 1951 (King County Assessor 2020). The complex contains one historic-period church building (1951), one residence (1975), and an additional church building constructed outside the historic period (2005) and not subject to survey (King County Assessor 2020). The 1951 church building is irregularly shaped, generally rectangular with a projecting wing to the northeast, and faces east toward 8th Avenue S. It sits on a poured-concrete foundation, is clad in clapboards, and is topped by a hipped asphalt roof. Windows are vinyl-framed sliding windows or aluminum-framed fixed windows above shallow sliding windows. The 1975 residence sits north of the main building and is a one-story, rectangular building with clapboard siding, vinyl-sliding windows, and a side-gabled asphalt roof. It appears that the building was being renovated or enlarged at the time of survey.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 315797

Location

Address:	37540 8TH AVE S, FEDERAL WAY, WA
Tax No/Parcel No:	3221049070
Plat/Block/Lot:	BEG AT SW COR OF NE 1/4 TH E381 FT TH N 478 FT TO
Geographic Areas:	King County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1961	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 315797

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/9/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 315797

Photos

37540 8th Avenue S, view northeast

37540 8th Avenue S, King County Assessor, 1961

37540 8th Avenue S, view southeast

Historic Property Report

Resource Name: Residence

Property ID: 315797

Inventory Details - 7/9/2011

Common name:

Date recorded: 7/9/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049070

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 37540 8th Avenue S, Federal Way, is located in King County. According to the county assessor, the structure was built in 1961 and is a single family dwelling. The building has a single-family form with an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 315797

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Front
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Contemporary
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1961), the residence and garage at 37540 8th Avenue S retain integrity of location and setting, although alterations, including recladding, window replacement, and additions, have diminished the residence's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 37540 8th Avenue S was constructed in 1961. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a post-World War II residence with few character-defining features apart from its shallow roof and rectangular plan. Alterations including an addition have obscured its historic-period character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and garage at 37540 8th Avenue S are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 37540 8th Avenue S was constructed in 1961 (King County Assessor 2020). The single-story, rectangular residence above a daylight basement faces west toward 8th Avenue S and is built into a hillside. The building sits on a poured-concrete foundation, is clad in wood clapboard, and is topped by a shallow, front-gabled asphalt roof. The building's primary entry is centrally located on the main floor just south of a large, projecting addition with conical roof. The windows are aluminum framed. An attached one-car garage with a small storage addition is located on the building's north end. A three-car, detached garage sits north of the house. It sits on a poured-concrete foundation, is clad in metal sheets, and is topped by a metal shed roof.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October 10, 2019.

King County Tax Assessor
2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January 31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 304743

Location

Address:	700 S 376TH ST, FEDERAL WAY, WA
Tax No/Parcel No:	3221049101
Plat/Block/Lot:	BEG AT SE COR OF SE 1/4 OF NW 1/4 TH W ON S LN OF
Geographic Areas:	King County, POVERTY BAY Quadrangle, King County, T21R04E32, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1961	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 304743

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-07-00109, , Assessors Data Project: King County D	7/7/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

700 S 376th St, view northwest

700 S 376th St, view northeast

Historic Property Report

Resource Name: Residence

Property ID: 304743

Inventory Details - 7/7/2011

Common name:

Date recorded: 7/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 3221049101

SHPO Determination

Detail Information

Surveyor Opinion

Significance narrative: Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 700 S 376th Street, Federal Way, is located in King County. According to the county assessor, the structure was built in 1961 and is a single family dwelling. The building has a single-family form with a basement garage.

Historic Property Report

Resource Name: Residence

Property ID: 304743

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Single Dwelling - Ranch
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Cladding	Stone
Cladding	Stone - Rubble
Structural System	Masonry - Concrete Block
Plan	L-Shape

Styles:

Period	Style Details
Modern Movement	Prairie Ranch

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1961), the residence at 700 S 376th Street retains integrity of location, setting, feeling, and association, although alterations, including window replacement and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The residence at 700 S 376th Street was constructed in 1961. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring few features of the type apart from its plan and cladding (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc recommends that the residence at 700 S 376th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the King County Assessor, the residence at 700 S 376th Street was constructed in 1961 (King County Assessor 2020). The L-shaped, Ranch-style residence faces east and sits atop a daylight basement. The building sits on a concrete-block foundation, is clad in two different stone veneers, and is topped by a cross-gabled asphalt roof. The main entrance faces east under wide eaves and is paired with a small front porch constructed of concrete, positioned at the inside corner of the L-shaped plan. A side porch on the south elevation is constructed of metal and has a set of exterior stairs that lead down to the at-grade garage. Vinyl-framed windows are visible in altered fenestration.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October10, 2019.

King County Tax Assessor
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Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Historic Name: Gethsemane Catholic Cemetery

Property ID: 537584

Location

Address: 37600 Pacific Highway S, Federal Way, WA 98003

Tax No/Parcel No: 2188204281, 2188204365,3221049020, 3221049025

Geographic Areas: King County, POVERTY BAY Quadrangle, T21R04E21

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐

Historic Use:

Category	Subcategory
Funerary	Funerary - Cemetery
Funerary	Funerary - Cemetery

Historic Context:

Category
Religion
Architecture
Native American

Architect/Engineer:

Category	Name or Company
Engineer	Goldsmith Engineers
Architect	Maloney, Herrington, Freesz and Lund
Builder	F.S. Jones Construction

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-10-00232, , King County Cemetery Survey 2010		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Gethsemane Catholic Cemetery

Property ID: 537584

Photos

Overview from ridge to E

37600 Pacific Highway S, historic-period mausoleums

37600 Pacific Highway S, historic-period mortuary

37600 Pacific Highway S, historic-period mortuary

37600 Pacific Highway S

Permit urged for cemetery in South King County

A permit to establish a cemetery of about 122 acres in South King County has been recommended by Irving Berteig, assistant county planning director.

The Corporation of the Catholic Archbishop of Seattle applied for the permit. The cemetery is to be near Pierce County, south of South 378th Street. Interstate 5 divided the site in two parts, one of which is between the Freeway and Pacific Highway South.

Berteig conducted a public hearing August 13 on whether the permit should be issued, and today made public his decision.

Persons living north of the site testified in opposition, saying they were concerned about a planned service entrance to the cemetery on Eighth Avenue South and about trees now obscuring the site from the north that are to be removed.

Berteig recommended that the permit be issued on condition that there not be a service entrance on Eighth Avenue South and that a 45-foot-wide line of trees remain at the cemetery's north side. The applicant has agreed to these conditions, Berteig said.

The cemetery, to be called Gethsemane Cemetery, will have its main entrance on Pacific Highway South. A small cemetery already is on part of the property.

GethsemaneCemetery1.jpg

installing empty liners

entry

cemetery looking west

niche wall

southeast corner

Chapel/office complex from NE

2007 Aerial photo of cemetery and surrounding area

Inventory Details - 8/5/2010

Common name: Gethsemane Cemetery

Date recorded: 8/5/2010

Field Recorder: C. Sundberg

Field Site number: 2988

SHPO Determination

Detail Information

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Property is located in a potential historic district (National and/or local): No

Property potentially contributes to a historic district (National and/or local): No

Significance narrative: Gethsemane Cemetery is significant for its associations with the evolution and adaptation of religious cemeteries to broad changes in funerary landscapes and as a relatively intact example of a smaller, recent memorial park. Although vertical monuments have been allowed in the western area for the past 25 years, the curving drives, continuous lawns, open views and predominance of ground-level grave markers is consistent with the market-driven evolution of all of the memorial park cemeteries in the county. Gethsemane reflects those broad changes as they have affected religious cemeteries.

Gethsemane Cemetery is the newest of the four cemeteries in King County owned and operated by the Catholic Church, two of which are memorial parks; it is also the youngest cemetery included in the survey. Gethsemane is the most recent and smallest of the 10 memorial parks surveyed and is a good example of the type. Burials are restricted to Catholics and are primarily from nearby parishes.

Gethsemane Cemetery was established in 1974 on property previously occupied by the Catholic Indian Mission School (1888-1936) established by Father Peter Hylebos. Hylebos (1848-1918) came to the Northwest in 1870 to work under Bishop Blanchet and the Diocese of Nisqually (later moved to Seattle). He was active in establishing hospitals, schools, churches and other Catholic institutions throughout the southern Puget Sound area and elsewhere in the state. Hylebos had a strong interest in Indian education. Reservation schools had opened earlier at Muckleshoot and Puyallup but weren't large enough to serve all potential students. He purchased a 142-acre tract in 1888, raised funds for construction, and opened the school in the fall of 1888. Up to 80 boarding and day students were taught by Sisters of the Order of St. Francis. Laundry and recreation buildings were added in 1890 and a church in 1905. The school closed in 1936 when support and donations dropped during the Depression. During World War II part of the land was used to build apartments, occupied into the 1950s. All of the buildings had been demolished by 1971, when the Archdiocese began planning for Gethsemane Cemetery.

A cemetery was associated with the Mission School and is thought to have contained about 250 burials through the early 1920s. Those buried were Indians, nuns and pioneers from the area. Most of the burials were moved to Calvary Cemetery in Tacoma and any remaining graves have been vandalized in the intervening decades. St. George's Cemetery is no longer marked, but was located a few hundred feet east of the present cemetery. Part of all of it is on land donated to by the Archdiocese to the Puyallup Tribe (see also HRI # 2987, St. George's Cemetery)

Gethsemane Cemetery was designed by Goldsmith Engineering. Construction included extensive grading in the western portion of the property; the excess soil was mounded along the eastern side of the developed area and now appears to be a small ridge to the east of the mausoleum cluster. , screening a small spoils yard. The side-gable chapel and office building complex was completed in 1974 and dedicated in 1975. The first burials occurred in 1975. The property has been expanded twice, adding ten acres to the north in 1986 and ¾ acre to the south in 2003. Starting in the 1980s in response to customer requests, vertical gravemarkers were allowed in the previously undeveloped western (front) section of the property. Niche walls are a more recent accommodation of changing funerary preferences.

With views of Mt. Rainier and nearby greenery in the Hylebos Creek natural area, the cemetery has a pronounced park-like and open scenic character, complemented by its modern buildings and not quite mature interior.

Gethsemane Cemetery is a relatively intact, good example of a smaller memorial park. Although vertical monuments have been allowed in the western area for the past 25 years, the curving drives, continuous lawns, open views and predominance of ground-level gravemarkers is consistent with the market-driven evolution of all of the memorial park cemeteries in the county.

Physical description: several parcels located on the Pierce-King County line between Interstate 5 and Highway 99 in Federal Way. The cemetery is on flat terrain and is approached via a gated entryway on the east side of Highway 99. Surrounding parcels are occupied by low density residential and mixed commercial development.

Gethsemane Cemetery is a medium-sized, well-maintained property entered through a formal gateway on its west side. Approximately 45% of the upper, flatter portion of the property is improved. It contains a variety of landscape features – native and introduced trees, shrubs, ground covers, and continuous lawn. The property is bounded to the north and northeast by native vegetation and a fence and tree line, to the east by undeveloped land, to the south by a neighboring residence and on the west by a fence and a row of evergreen and Lombardy poplar trees along the road. Interior vegetation is primarily introduced plantings, mostly young trees along roads and scattered in lawns, plus foundation and entry plantings around the building complex. A small stand of firs and other native vegetation was left on the small knoll in the southwest corner of the property. Interior circulation by car and service vehicles uses paved roads in a simple loop pattern, with a doubled entry road leading to the chapel and office complex. Pedestrian circulation is primarily on roadways, but there are paved paths leading to a cluster of free-standing mausoleum structures and to niche walls. There are clearly visible grass-covered aisles among the grave markers. Service circulation is somewhat separated from public circulation.

The cemetery includes several sections with specific memorial functions – a cluster of three small mausoleum blocks in the mid-eastern edge, a niche wall dedicated to a Korean saint (and used by Koreans) in the north central area, a large niche wall and area for cremated remains on the flanks of a small rise in the southwest corner, and an area for vertical monuments in the northwestern area. Development and burials began in the central part of the property and spread to the west, where vertical monuments and burial of cremated remains are now allowed.

Buildings include a chapel/office/maintenance complex and office building in a vernacular Northwest Modern style located near the center of the cemetery. The three mausoleum blocks are roughly cubical, with trellised walkways and a courtyard connecting them. Three small above-ground family vaults are located northeast of the chapel.

An estimated 8,000 people are buried in the cemetery, based on visual approximation. Grave markers range in date from 1975 to the present and are made of granite, other stone and metal. Markers from the first decade of operation are uniformly flat lawn markers, but more recent burials in the western portion of the cemetery have vertical markers of various block styles, both for couples and individuals. In 1977 a small lawn adjacent to the chapel was used for re-interment of Native American human remains found near Steilacoom and marked with a low, beveled grave marker.

The cemetery is very well maintained and the landscaping in good condition.

Bibliography:

Caster, Dick. "Father Hylebos, St. George's Indian School and Cemetery and St. Claire's Mission Church," prepared for the Federal Way Historical Society, October 15, 2003. Federal Way Historical Society website: http://www.federalwayhistory.org/Articles/FtHylebos.PDF, accessed August 22, 2010.

Catholic Cemeteries website for Gethsemane Cemetery: http://www.acc-seattle.com/cemeteries/gethsemane.html, accessed August 3, 2010.

King County Assessor data for parcels 2188204281, 21882044365, 2188204560, 3221049020 and 3221049025; 2010.

King County Assessor Property Record Cards for parcels 2188204281, 21882044365, 2188204560, 3221049020 and 3221049025. c.1939-1972, np.

King County Interactive Mapping System (1936 and 2007 aerial photos) http://www.kingcounty.gov/operations/GIS/Maps/iMAP.aspx, accessed June 25, 2010.

McLintock, Faye. Manager, Gethsemane Cemetery. Personal communication with Charlie Sundberg, August 5, 2010.

Sloane, David Charles. The Last Great Necessity: Cemeteries in American History. Baltimore: Johns Hopkins University Press, 1991.

Worpole, Ken. Last Landscapes, The Architecture of the Cemetery in the West. London: Reaktion Books, 2003.

Yalom, Marilyn. The American Resting Place, Four Hundred Years of History Through Our Cemeteries and Burial Grounds, Boston: Houghton Mifflin Company, 2008.

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Landscape - Park
Plan	Irregular

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity
From its period of construction (1974), the Gethsemane Catholic Cemetery at 37600 Pacific Highway S retains integrity of location, setting, and association. Alterations have detracted from the cemetery's integrity of design, materials, workmanship, and feeling. A previously prepared historic property inventory (HPI) form noted "the property has been expanded twice, adding ten acres to the north in 1986 and ¾ acre to the south in 2003. Starting in the 1980s in response to customer requests, vertical gravemarkers were allowed in the previously undeveloped western (front) section of the property. Niche walls are a more recent accommodation of changing funerary preferences" (Sundberg 2020). The cemetery retains its "views of Mt. Rainier and nearby greenery in the Hylebos Creek natural area" and its "pronounced park-like and open scenic character, complemented by its modern buildings and not quite mature interior" (Sundberg 2010).

Evaluation
Cemeteries are generally not considered eligible for listing in the National Register of Historic Places (NRHP) unless they derive their primary significance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events (NRHP Criteria A, B, or C) (NPS 1997:25). The Gethsemane Catholic Cemetery at 37600 Pacific Highway S is a designed landscape (site) with functionally related units (mortuary and mausoleum buildings) evaluated separately.

The cemetery was developed in the early 1970s and dedicated in 1975. The parcels containing the Gethsemane Catholic Cemetery were once part of the St. George's Industrial School (King County Tax Assessor 2020). Colloquially known as St. George's Indian School (also St. George's Indian Mission School and the St. George Boarding

School for Indians), the school was established in 1888 by Reverend Peter Hylebos with funding from Mother Katharine Drexel, daughter of wealthy banker Francis A. Drexel (Seattle Daily Times 1974a; Seattle Sunday Times 1934). Initially the school was also receiving government funding. However, there was another boarding school on the Puyallup Reservation built a few months before St. George's that competed for the same government funding. Government assistance for St. George's Indian School was cut in 1891, as the government claimed the school on the Puyallup Reservation was adequate. St. George's continued to operate with the help of donations and funding from various congregations in the area (Castor 2009:18).

Shortly after the school was opened, the St. George's Indian Mission School Cemetery was established on school grounds. It was located on a separate parcel and a few hundred feet away from today's Gethsemane Catholic Cemetery. Two of the school's early teachers were buried in this cemetery, and later Native Americans, nuns, and pioneers would also be buried here. It is estimated approximately 250 burials were within the cemetery. Few of the graves remain, as most were "moved to [Cavalry Cemetery in] Tacoma Cemetery many years ago [and] vandals have heavily damaged those that remain" (Castor 2009:16-22).

St. George's Indian School was open to any Native American child and took in children from all over the Pacific Northwest and Alaska. While some children were orphans and stayed at the school year-round, most children went home during the summer months (Seattle Sunday Times 1934). Industrial training and religious instruction were emphasized at the school. The girls were trained in domestic science through completing the housework and cleaning at the school, while the boys helped clear the land, build new buildings, roads, and bridges, and later helped with the small farm (Castor 2009:17). The school kept cows and turkeys and grew alfalfa and rye to feed the livestock. By 1934, about 3,000 Native American children had graduated from the school (Seattle Sunday Times 1934). The school closed in 1936 due to a lack of funding during the Great Depression (Castor 2009:20).

The St. George's Indian Mission School land was deeded to the Catholic Archdiocese of Seattle by the Bureau of Catholic Indian Missions in 1952 (Seattle Daily Times 1975). The Archbishop of Seattle submitted a permit for a new cemetery on the property in 1970, with the main entrance on Pacific Highway South (Seattle Daily Times 1970). The initial plans for the cemetery were developed by architects Maloney, Herrington, Freesz and Lund, who had also designed the Holyrood Cemetery in Shoreline. The firm was established in 1963, when prominent Seattle architect John Maloney took on additional partners. However, Maloney retired in 1970, and Lund retired in 1973. It is unclear when Freesz and Herrington retired, but the firm's name changed in 1980 to Mills, John & Rigdon (DAHP 2021; Seattle Times 1994). As the Gethsemane Catholic Cemetery was designed during a period of transition for the firm, it's unclear which of the partners was responsible for its design.

Due to the Shoreline Management Act, which passed the Washington State Legislature in 1971 in order "to prevent the inherent harm in an uncoordinated and piecemeal development of the state's shorelines," the design of Gethsemane Catholic Cemetery was focused west of Hylebos Creek and its adjacent wetlands (Boswell and Rinck 2017:34; Department of Ecology 2021). The single building associated with the school was demolished in 1971 in preparation for the new cemetery construction (Seattle Daily Times 1974b). The construction contract was awarded to F.S. Jones Construction, who began construction in 1972. Due to "construction delays, labor strikes, and additional

environmental issues and permitting requirements" construction took over two years (Boswell and Rinck 2017:34). By 1974, the cemetery office (mortuary) was constructed; and by 1980, the three mausoleum buildings were constructed (NETROnline 2021;Seattle Daily Times 1974b). The mausoleum buildings were constructed directly north of where the St. George's Indian Mission School was once located (NETROnline 2021).

The cemetery was not established without controversy. In 1974, a group of Native Americans associated with the Indian Group Home Coalition broke one of the glass doors of the mortuary and held a 4.5-hour sit-in at the cemetery office protesting the use of the property as a Catholic cemetery. They claimed, "this land was originally purchased…to educate Indian children…[and] the current and future plans for this property are a misappropriation of the original donors' intent" (Seattle Daily Times 1974b). The U.S. District Court found the group of protestors not guilty of trespassing, ruling that they had access rights to the cemetery (Seattle Daily Times 1975a). In 1983, the Archdiocese of Seattle deeded 17 acres containing what was presumed to be the St. George's Indian Mission School Cemetery to the Puyallup Tribe (King County Tax Assessor 2020). Similar protests took place across the country, as Native American groups fought against the redevelopment of land that was once theirs or dedicated for their use (Seattle Daily Times 1975b).

The construction of the Gethsemane Catholic Cemetery led ultimately to the return of some land and remaining graves to the Puyallup Tribe for stewardship. Therefore, this resource is significant for its associations with an event that made a significant contribution to the broad patterns of our history (Criterion A). Background research did not suggest that the Gethsemane Catholic Cemetery held a strong association with the lives of significant persons or includes the graves of persons of transcendent importance (Criterion B). The overall cemetery design is simple, with a central building encircled by drives and lawns with burials laid in rows. The cemetery is classified as a memorial park cemetery design, which was a common design approach in the mid-twentieth century. The memorial park style grew out of the "rural" cemetery movement of the late nineteenth century and focused on the natural beauty of a site. Memorial parks often prioritized easy maintenance and kept grave markers flush with the ground without plot-defining barriers, which allowed for easy lawn care (NPS 1992:5). The Gethsemane Catholic Cemetery was originally designed to include several aspects of the memorial park style, including the attention to nature, ground-level grave markers, and curved paths. The cemetery, as a potential historic landscape, was surveyed in 2010, and the resulting HPI noted "the Gethsemane Catholic Cemetery is a relatively intact, good example of a smaller memorial park. Although vertical monuments have been allowed in the western area for the past 25 years, the curving drives, continuous lawns, open views and predominance of ground-level gravemarkers is consistent with the market-driven evolution of all of the memorial park cemeteries in the county" (Sundberg 2010). While the Gethsemane Catholic Cemetery does embody some of the distinctive features of its type, period, and method of construction, it is not known to be the work of a master; does not possess high artistic values; and does not represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, based on its period of construction, the cemetery is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates, Inc. recommends that Gethsemane Catholic Cemetery is eligible for listing in the NRHP as a designed landscape (site) with functionally related

units under Criteria A and C, as the location of a relatively peaceful protest that resulted in the return of culturally significant land to the Puyallup Tribe, as well as a relatively intact example of a smaller mid-twentieth century memorial park. The boundaries for the eligible resource match the parcel boundaries, which include the designed cemetery, its functionally related mortuary and mausoleums, and the undeveloped creek area on the eastern edge, which was intentionally left natural. The period of significance dates from the construction of Gethsemane Catholic Cemetery (1971).

Physical description:

The Gethsemane Catholic Cemetery, located on two parcels addressed as 37600 Pacific Highway S, was developed in the early 1970s but was not dedicated by the Archbishop of Seattle until 1975 (Archdiocese of Seattle 2018). The cemetery is a designed landscape with two functionally related units (one mortuary with three mausoleum buildings), documented and evaluated separately (WISAARD ID 725425). A 2010 study of the cemetery estimated approximately 8,000 burials within the cemetery (Sundberg 2010).

Entering the cemetery from Pacific Hwy S, the cemetery's main roadway passes through the main entrance gate, characterized by a concrete wall with metal gates and a low sign reading "Gethsemane Catholic Cemetery." The remainder of the property fence lining Pacific Highway is chain-link. The main roadway is one lane in each direction with a wide median featuring evenly-spaced lighting and paired trees. The main roadway leads to a roundabout accessing the centrally located mortuary and surrounding cemetery grounds. Three mausoleums are located to the northeast. A maintenance loop encircles the mortuary. Parking is located northwest of the mortuary and along a widened portion of the main cemetery road. The mortuary is surrounded by flowering shrubs and deciduous trees with evergreens at its corners. A maintenance yard is adjacent to the mortuary on its south elevation, and is separated from the burial spaces by a chain link-fence lined with mature shrubs. There are five burial lawns on the property, with the main cemetery lawn being north of the mortuary building. It features a walking path (ca. 2000), an offshoot of the main roadway leading north, and a combination of ground-level and vertical grave markers. The burial lawn west of the mortuary features ground-level markers, a niche wall built into a hill, and a higher density of deciduous and evergreen trees than any of the other burial lawns. The burial lawn south of the mortuary features ground-level grave markers with deciduous trees near the mortuary and mausoleums. The small burial lawn east of the mortuary and directly south of the mausoleums features a straight, paved path with vertical grave markers, while the final small lawn west of the mausoleums (northeast of the mortuary) features a winding path with a central statue of Jesus Christ and a combination of ground-level and vertical grave markers.

The northern parcel, also owned by the cemetery, and the eastern end of the main parcel remain undeveloped. A manmade berm, built during the initial earth moving and site preparation phase of construction, separate the Gethsemane Catholic Cemetery from the undeveloped eastern part of the property and the adjacent St. George's Indian Mission School Cemetery property.

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1975a. Indians found not guilty in cemetery-trespass case. January 16.
1975b. Pastor sees Indian unrest. January 25.

Seattle Sunday Times. 1934. Spirit of Pioneers Shown in Conduct of Indians' School. March 18.
1994. Architect Ralph Lund Dedicated To Family, Church, Profession. June 7.

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Historic Property Report

Historic Name: Gethsemane Catholic Cemetery Mortuary and Mausoleums

Property ID: 725425

Location

Address:	37600 Pacific Hwy S, Federal Way, Washington, 98003
Tax No/Parcel No:	2188204281, 2188204365, 3221049020, 3221049025
Geographic Areas:	King County, T21R04E32, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☐

Historic Use:

Category	Subcategory
Funerary	Funerary - Mortuary
Funerary	Funerary - Mortuary

Historic Context:

Category
Architecture
Religion

Architect/Engineer:

Category	Name or Company
Architect	Maloney, Herrington, Freesz and Lund
Builder	F.S. Jones Construction

Historic Property Report

Historic Name: Gethsemane Catholic Cemetery Mortuary and Mausoleums

Property ID: 725425

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Gethsemane Catholic Cemetery Mortuary and Mausoleums

Property ID: 725425

Photos

Gethsemane Catholic Cemetery Mortuary, view southwest

Gethsemane Catholic Cemetery Mortuary, view northeast

Gethsemane Catholic Cemetery Mortuary, view east

Gethsemane Catholic Cemetery Mortuary, view west

Historic Property Report

Historic Name: Gethsemane Catholic Cemetery Mortuary and Mausoleums

Property ID: 725425

Inventory Details - 7/30/2021

Common name:

Date recorded: 7/30/2021

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Church - No Steeple
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Cladding	Brick
Cladding	Concrete - Precast
Structural System	Masonry - Precast Concrete
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Contemporary

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Property is located in a potential historic district (National and/or local): No

Property potentially contributes to a historic district (National and/or local): No

Significance narrative:

Integrity
From their period of construction (1974), the Gethsemane Catholic Cemetery Mortuary and functionally associated Mausoleums at 37600 Pacific Highway S retain integrity of location, setting, design, materials, workmanship, feeling, and association, as few alterations, apart from a replaced door, are evident.

Evaluation
The Gethsemane Catholic Cemetery at 37600 Pacific Highway S was developed in the early 1970s and dedicated in 1975. The cemetery's designed landscape (site) is evaluated separately (WISAARD ID 537584).

The parcels containing the Gethsemane Catholic Cemetery were once part of the St. George’s Industrial School (King County Tax Assessor 2020). Colloquially known as St. George’s Indian School (also St. George’s Indian Mission School and the St. George

Boarding School for Indians), the school was established in 1888 by Reverend Peter Hylebos with funding from Mother Katharine Drexel, daughter of wealthy banker Francis A. Drexel (Seattle Daily Times 1974a; Seattle Sunday Times 1934). Initially the school was also receiving government funding. However, there was another boarding school on the Puyallup Reservation built a few months before St. George's that competed for the same government funding. Government assistance for St. George's Indian School was cut in 1891, as the government claimed the school on the Puyallup Reservation was adequate. St. George's continued to operate with the help of donations and funding from various congregations in the area (Castor 2009:18).

Shortly after the school was opened, the St. George's Indian Mission School Cemetery was established on school grounds. It was located on a separate parcel and a few hundred feet away from today's Gethsemane Catholic Cemetery. Two of the school's early teachers were buried in this cemetery, and later Native Americans, nuns, and pioneers would also be buried here. It is estimated approximately 250 burials were within the cemetery. Few of the graves remain, as most were "moved to [Cavalry Cemetery in] Tacoma Cemetery many years ago [and] vandals have heavily damaged those that remain" (Castor 2009:16-22).

St. George's Indian School was open to any Native American child and took in children from all over the Pacific Northwest and Alaska. While some children were orphans and stayed at the school year-round, most children went home during the summer months (Seattle Sunday Times 1934). Industrial training and religious instruction were emphasized at the school. The girls were trained in domestic science through completing the housework and cleaning at the school, while the boys helped clear the land, build new buildings, roads, and bridges, and later helped with the small farm (Castor 2009:17). The school kept cows and turkeys and grew alfalfa and rye to feed the livestock. By 1934, about 3,000 Native American children had graduated from the school (Seattle Sunday Times 1934). The school closed in 1936 due to a lack of funding during the Great Depression (Castor 2009:20).

The St. George's Indian Mission School land was deeded to the Catholic Archdiocese of Seattle by the Bureau of Catholic Indian Missions in 1952 (Seattle Daily Times 1975). The Archbishop of Seattle submitted a permit for a new cemetery on the property in 1970, with the main entrance on Pacific Highway South (Seattle Daily Times 1970). The initial plans for the cemetery were developed by architects Maloney, Herrington, Freesz and Lund, who had also designed the Holyrood Cemetery in Shoreline. The firm was established in 1963, when prominent Seattle architect John Maloney took on additional partners. However, Maloney retired in 1970, and Lund retired in 1973. It is unclear when Freesz and Herrington retired, but the firm's name changed in 1980 to Mills, John & Rigdon (DAHP 2021; Seattle Times 1994). As the Gethsemane Catholic Cemetery was designed during a period of transition for the firm, it is unclear which of the partners was responsible for its design.

Due to the Shoreline Management Act, which passed the Washington State Legislature in 1971 in order "to prevent the inherent harm in an uncoordinated and piecemeal development of the state's shorelines," the design of Gethsemane Catholic Cemetery was focused west of Hylebos Creek and its adjacent wetlands (Boswell and Rinck 2017:34; Department of Ecology 2021). The single building associated with the school was demolished in 1971 in preparation for the new cemetery construction (Seattle Daily Times 1974b). The construction contract was awarded to F.S. Jones Construction, who began construction in 1972. Due to "construction delays, labor strikes, and additional

environmental issues and permitting requirements" construction took over two years (Boswell and Rinck 2017:34). By 1974, the cemetery office (mortuary) was constructed; and by 1980, the three mausoleum buildings were constructed (NETROnline 2021; Seattle Daily Times 1974b). The mausoleum buildings were constructed directly north of where the St. George's Indian Mission School was once located on the property (NETROnline 2021).

The cemetery was not established without controversy. In 1974, a group of Native Americans associated with the Indian Group Home Coalition broke one of the glass doors of the mortuary and held 4.5-hour sit-in at the cemetery office protesting the use of the property as a Catholic cemetery. They claimed, "this land was originally purchased…to educate Indian children…[and] the current and future plans for this property are a misappropriation of the original donors' intent" (Seattle Daily Times 1974b). To gain access to the building, protestors broke one of the glass doors on the mortuary building. The U.S. District Court found the group of protestors not guilty of trespassing, ruling that they had access rights to the cemetery (Seattle Daily Times 1975a). In 1983, the Archdiocese of Seattle deeded 17 acres containing what was presumed to be the St. George's Indian Mission School Cemetery to the Puyallup Tribe (King County Tax Assessor 2020). Similar protests took place across the country during this period, as Native American groups fought against the redevelopment of land that was once theirs or dedicated for their use (Seattle Daily Times 1975b).

The construction of the Gethsemane Catholic Cemetery led ultimately to the return of some land and remaining graves to the Puyallup Tribe for stewardship. Therefore, this resource is significant for its associations with an event that made a significant contribution to the broad patterns of our history (Criterion A). Background research did not suggest that the Gethsemane Catholic Cemetery held a strong association with the lives of significant persons or includes the graves of persons of transcendent importance (Criterion B). The mortuary building is a modest example of its type, period, and method of construction, featuring the low, horizontal plan with some ribbon windows and window walls, broad surfaces with an integral pattern, as well as a low-pitched roof with cantilevered eaves typical of the Modern period. It is unclear who designed the mortuary, as it was designed during a period of transition for the Maloney, Herrington, Freesz and Lund architectural firm. The building exhibits some Modern and Contemporary features and embodies the distinctive characteristics of its type, period, and method of construction. The mortuary and mausoleums are not known to be the works of a master or to possess high artistic values or to represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district. The mortuary and mausoleums are key contributing features functionally-related to the larger Gethsemane Catholic Cemetery site (Criterion C). Finally, based on its period of construction, the building is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates, Inc. recommends that Gethsemane Catholic Cemetery Mortuary and its three mausoleums contribute as functionally related units to the Gethsemane Catholic Cemetery (a designed landscape), which is a site eligible for listing in the National Register of Historic Places under Criteria A and C, as the site of a relatively peaceful protest that resulted in the return of culturally significant land to the Puyallup Tribe, as well as a relatively intact example of a smaller mid-twentieth century memorial park. The boundaries for Gethsemane Catholic Cemetery consist of the property

boundaries, as it includes the designed cemetery, its contributing mortuary and mausoleums, as well as the undeveloped creek area on the eastern part of the property which was intentionally left natural. The period of significance dates from the construction of Gethsemane Catholic Cemetery (1971).

Physical description:

The Gethsemane Catholic Cemetery, located on two parcels addressed as 37600 Pacific Highway S, was developed in the early 1970s but was not dedicated by the Archbishop of Seattle until 1975 (Archdiocese of Seattle 2018). The cemetery is a designed landscape, evaluated separately (WISAARD ID 537584), with a functionally related mortuary and mausoleum buildings. According to the King County Assessor, the mortuary at Gethsemane Catholic Cemetery, which includes a chapel and offices, was constructed in 1974. The mausoleum buildings appear in historic aerials by 1980 (King County Assessor 2020; NETROnline 2020).

The one-story mortuary building, generally rectangular, sits on a poured-concrete foundation and is clad in brick and precast concrete panels with a cross-gabled asphalt roof. The chapel is located in the northern portion of the building under the crossing gable and features window walls on the east and west elevations. The main entrance to the building consists of a set of double doors on the east side of the chapel. A secondary, metal-framed door is located on the west side of the chapel. The north end of the building includes a large porte cochere for funerary uses. The southern portion of the building contains offices with five bays of metal-framed ribbon windows.

The functionally related mausoleums are located approximately 250 feet northeast of the mortuary. The three buildings are situated around a small lawn with burials, a paved walking path lined with niche walls topped by wood pergolas, and a central religious statue of Jesus Christ. The three rectangular mausoleums are identical in design and constructed of pre-cast concrete with a scored exterior. They sit on poured concrete foundations and are topped by flat, built-up roofs.

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1974a. “Nun seeks evidence of Mother Katharine’s miracles.” April 21.
1974b. “Police break up Indian sit-in.” November 28.
1975a. “Indians found not guilty in cemetery-trespass case.” January 16.
1975b. “Pastor sees Indian unrest.” January 25.

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1994. Architect Ralph Lund Dedicated To Family, Church, Profession. June 7.

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Historic Property Report

Historic Name: Cedars RV Court

Property ID: 732006

Location

Address: 8425 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: T21R04E31, Pierce County Certified Local Government, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Multiple Family House
Domestic	Domestic - Multiple Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Cedars RV Court

Property ID: 732006

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8425 Pacific Highway E, view northwest.

TRAILER space available. Cedar's Trailer Park, 8425 Pacific Hwy. East. WA 2-8296.

The News Tribune › 18 Oct 1964, Sun › Page: 47

CedarsRV_Court_Tacoma2.jpg

CedarsRV_Court_Tacoma.jpg

8425 Pacific Highway E, view west.

Historic Property Report

Historic Name: Cedars RV Court

Property ID: 732006

Inventory Details - 10/19/2023

Common name:	Cedars RV Court
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Multiple Dwelling - Duplex
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Structural System	Masonry - Concrete Block
Cladding	Stone
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: According to the Pierce County Assessor, the Cedars RV Court at 8425 Pacific Highway E was constructed with four buildings and parking for 35 mobile homes in 1951 (Pierce County Assessor 2023). Three of these buildings, a laundry and two identical multi-family units, are evaluated here along with the RV court. The fourth building, a service garage, is evaluated separately as a commercial, rather than residential, resource.

Integrity

From its period of construction (1951) the mobile home park at 8425 Pacific Highway E retains integrity of location, as the park remains on its original parcel. It does not retain integrity of setting, design, materials, workmanship, feeling, or association, as the park's original infrastructure, which included dirt roads, open lawns, and minimally developed surroundings, has been altered by development, paving, and alterations to the duplexes, including replacement siding and windows.

Evaluation

The Cedars RV Court at 8425 Pacific Highway was established in 1951 and appears to have been associated with roadside development and vacation travel along the Pacific Highway, a portion of which was established in the 1920s to connect Tacoma and Seattle. The landscape flanking the roadway remained relatively rural into the mid-twentieth century, when roadside amenities including motels, restaurants, and auto service stations became increasingly common. Today, the RV park is surrounded on all sides by pavement and commercial and industrial development.

While the RV park is associated with increased travel along Pacific Highway and a growing post-war population in King County, the complex does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The RV park is a small mobile home park with minimal amenities, limited to paved roads and a laundry room, as well as two small cottage duplexes. Although it possesses the paths and parking areas that define a mobile home park, it lacks other distinctive feature of the type, including recreational amenities (club house, pool, trails, gardens) or visually eye-catching signage, roadside or Googie features, or other details designed to attract motorists. The two duplexes, while possessing some features of the World War II-Era Cottage, do not possess the corner-wrapping, divided windows, octagonal windows, or siding representative of the type (Houser 2014). Collectively, Cedars RV Court possesses few of the distinctive characteristics of a particular type, period, or method of construction, namely a mid-twentieth century motor park. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the mobile home park was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 8425 Pacific Highway not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the Cedars RV Court at 8425 Pacific Highway E was constructed with four buildings and parking for 35 mobile homes in 1951 (Pierce County Assessor 2023).

The Cedars River RV Court includes a paved loop trail that exits Pacific Highway E to the west, runs south of paved areas, an autobody shop (evaluated separately), and a small laundry room, and between two lanes of diagonally parked motor vehicles. The roadway makes a loop to the north and heads east, passing an additional line of diagonally parked vehicles and two duplexes before exiting onto Pacific Highway E. The two residences, both of which date to 1951, are located perpendicular along the northern edge of the court. Both buildings are rectangular in plan, sit on poured-concrete foundations, and are topped by hipped asphalt shingle roofs. Both buildings, single-story, rectangular duplexes with some features of the World War II-Era cottage type, including hipped roofs and feature small parapets over pedestrian entries. While these are cantilevered on the southern building, they are supported by simple, square wood posts on the northern building. The southern duplex is bare concrete block. The northern building is clad in artificial stone veneer. Entry doors include small concrete stoops. Signage for the park includes one small freestanding rectangular sign at the south end reading “Cedars RV Court.” Additionally, the park includes a small lawn with mobile picnic table. The court’s website notes that spaces include hook-ups and some storage sheds for long-term residents (Cedars RV Court 2022). Those that are visible are clad in T1-11. The laundry room was not visible from the public right-of-way, although an interior photo from the court’s website suggests it includes two sets of coin-operated washers and dryers (Cedars RV Court 2022).

Bibliography:

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Cedars RV Court
2022 Home. Electronic document, http://www.cedarsrvcourt.com/, accessed November 10, 2022.

Houser, Michael
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Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Cedars RV Court Service Garage

Property ID: 732009

Location

Address: 8425 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: King County, Pierce County Certified Local Government, POVERTY BAY Quadrangle, T21R04E31, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☐

Historic Use:

Category	Subcategory
Transportation	Transportation - Road-Related (vehicular)
Transportation	Transportation - Road-Related (vehicular)

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Cedars RV Court Service Garage

Property ID: 732009

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8425 Pacific Highway E, view southwest.

8425 Pacific Highway E, view northwest.

Historic Property Report

Historic Name: Cedars RV Court Service Garage Property ID: 732009

Inventory Details - 10/19/2023

Common name:	Easy Street Auto
Date recorded:	10/19/2023
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the service station at 8425 Pacific Highway E retains integrity of location, feeling, and association, as it remains on its original parcel and continues to serve its original purpose. It does not retain integrity of setting, design, materials, or workmanship, due to alterations to the surrounding setting, including extensive paving, surrounding development, and alterations to the building, including incompatible siding replacement.

Evaluation

The service station at 8425 Pacific Highway E was constructed in 1951 as part of the Cedars RV Court. The building was integrated into the park's entrance and has provided auto services both to park visitors and others. Although it does not possess the roadside features typical of Googie architecture, its roadside orientation appears to have been designed to attract those traveling along the Pacific Highway, which was less well-developed in the mid-twentieth century.

While the auto service center is associated with growing population and growing recreation in King County, the building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). As with the surrounding Cedars RV Park, the service station is utilitarian, featuring few distinctive features of its particular type or era, apart from its massing, with alterations that have obscured its original character. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends the service center at 8425 Pacific Highway E not eligible for listing in the National Register under any criteria.

Physical description:

According to the Pierce County Assessor, the Cedars RV Court at 8425 Pacific Highway E was constructed with four buildings and parking for 35 mobile homes in 1951 (Pierce County Assessor 2023). Three of these buildings, a laundry and two duplexes, are evaluated separately as part of the residential complex. The service garage is evaluated here as a commercial, rather than residential, resource.

The service garage, now knows as Easy Street Auto, is located at the edge of Pacific Highway E and is flanked south, east, and north by the Cedars RV Court. The building consists of a two-bay garage with a shed-roofed office to the north. The building sits on a poured-concrete foundation, is clad in T1-11 siding, and is topped by flat built-up roof (garage) and a corrugated metal shed roof (office). The building's office facade includes a pedestrian door with fan light plus a square wood-frame, single-light window. The garage includes two metal, overhead garage doors, each topped by an electronic marquis sign. Side elevations do not appear to include any fenestration. A shed-roofed projection is located off the rear (west) elevation.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

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Historic Property Report

Historic Name: Commercial warehouse

Property ID: 731870

Location

Address: 8411 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: Pierce County Certified Local Government, T21R04E31, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1949	☐
Addition	1970	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Commercial warehouse

Property ID: 731870

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Commercial warehouse

Property ID: 731870

Photos

8411 Pacific Highway E, view southwest.

8411 Pacific Highway E, view west.

Historic Property Report

Historic Name: Commercial warehouse

Property ID: 731870

Inventory Details - 10/11/2023

Common name:	Evergreen Automobile; Wheelchair Haven
Date recorded:	10/11/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Barrel
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete - Block (cmu)
Structural System	Masonry - Concrete Block
Plan	L-Shape

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1949), the commercial building at 8411 Pacific Highway E retains integrity of location and setting as it remains on its original parcel. The Pierce County Assessor notes that the rear of the building was improved by a service garage in 1985, although a projection off the rear appears in historic aerials as early as 1970 (NETROnline 2023). Other alterations including window replacement and alterations to fenestration patterns have diminished the building's integrity of design, materials, workmanship. The building was formerly associated exclusively with an auto-related business and the change of use has diminished its integrity of feeling and association (Pierce County Assessor 2023).

Evaluation

The commercial building at 8411 Pacific Highway E was constructed in 1949, and was likely designed as an auto service center to support increasing travel, and increasing recreational travel along the Pacific Highway after the end of World War II. As late as 1955, the building was located on a minimally developed parcel with a dirt loop road, a secondary building, demolished by 1985, and minimal surrounding development (NETROnline 2023). Today, it is located between two RV parks and backs up to a large parcel devoted to industrial and truck storage. The majority of the building is devoted to Wheelchair Haven, a business established in 1990 (Wheelchair Haven 2023).

While the auto service center was associated with growing population and increasing travel in King County, the building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is utilitarian in nature and does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends the commercial building at 8411 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 8411 Pacific Highway E was constructed in 1949 (Pierce County Assessor 2023). The building is a large, barrel-vaulted warehouse facing east toward Pacific Highway E. The building sits on a poured-concrete foundation, is constructed of concrete block, and is topped by a membrane roof.

The building's facade is divided into two storefronts, one for Evergreen Automotive (north) and one for Wheelchair Haven (south). A concrete ramp with pipe rails runs the length of the facade. The northern storefront includes a pedestrian door and a single vinyl sliding window. The southern storefront includes a heavy metal pedestrian door flanked north and south by sidelights made up of three columns of glass block. South of the entry are vinyl-frame sliding windows in altered openings. A freestanding sign advertises "Evergreen Automotive/Automobile Repair." The building's secondary north and south elevations include additional vinyl-frame sliding windows. A fenced yard is located to the rear of the parcel.

Bibliography:

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Pierce County Assessor
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Wheelchair Haven
2023 Medical Supplies & Equipment, New & Used!. Electronic document, https://www.wheelchairhaven.com/, accessed January 24, 2023.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731872

Location

Address: 8410 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: T21R04E31, Pierce County Certified Local Government, POVERTY BAY Quadrangle, King County Certified Local Government, King County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Secondary Structure
Domestic	Domestic - Single Family House
Domestic	Domestic - Secondary Structure
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731872

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8410 Pacific Highway E, view southeast.

8410 Pacific Highway E, view east.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731872

Inventory Details - 10/11/2023

Common name:	NW Auto Sales, LLC
Date recorded:	10/11/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Bungalow
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Asbestos - Shingles
Structural System	Wood - Platform Frame
Plan	Square

Styles:

Period	Style Details
Modern Movement (1930-1970)	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1940), the residence, office, and garage at 8410 Pacific Highway E retain integrity of location, as they remain on their original parcel, but do not retain integrity of setting, design, materials, workmanship, feeling, or association, due to a series of alterations, including window and siding replacement on the residence and the conversion of a former garage to office use, with associated construction on its facade.

Evaluation

This location was likely devoted to residential use when the original residence was constructed, likely ca. 1940. As late as 1970, the parcel included only the residence and a detached garage (Pierce County 2023). With increasing development and increasing traffic along Pacific Highway, this parcel was converted to a commercial use. It appears in publications as the location of a new business, NW Auto Sales, LLC in 2012 and has been associated with additional commercial enterprises, including trucking and transportation, since (Pierce County Assessor 2023; Tacoma Index 2012).

The former residence does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The former residence features some recognizable elements of the Minimal Traditional type, evident in its massing, minimal eaves, and projecting entry, details borrowed from the Tudor Revival style. However, alterations to its garage, which has been converted to a business office, a change of use, and incompatible material replacement have obscured its original character. The building does not possess enough of the distinctive characteristics of a particular type, period, or method of construction to qualify as significant under Criterion C. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 8410 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, two buildings at 8410 Pacific Highway E were constructed in 1950 as an office building and associated storage garage, although the record appears to be incomplete (Pierce County Assessor 2023). At the time of survey, these two buildings were joined by a 1,445 square foot residence with no available construction date. Aerial photographs show that the site was bare in 1936, and that the residence, office, and garage were on site in their present locations by 1955 (NETROnline 2023). HRA assumes that the residence predated the office and garage and was likely constructed in the late 1930s or early 1940s (circa 1940), based on its architectural character. What the assessor calls an "office" appears to be the residence's original detached garage, which has since been converted to a commercial use. The service garage, set far back on the parcel and obscured by truck storage, appears to be a simple wood-frame shed with a front-gabled roof of corrugated metal.

The residence is a 1.5-story bungalow facing west toward Pacific Highway E. The building is square in plan, sits on a poured-concrete foundation, is clad in shingles of asbestos or similar material, and is topped by a side-gabled roof of asphalt shingles with no eaves. The building's facade includes an off-center gabled projection with an additional projection over the recessed entry door. The entry is flanked north and south by square, wood-frame picture windows. On the upper story is a one-over-one, vinyl-frame window. The lower pane has been removed and replaced by a wood-frame screen. The building's secondary north elevation includes one additional square, wood-frame window, and two vinyl-frame sliders on the lower floor, as well as a wood-frame one-over-one window in the upper story. The building's secondary south elevation includes an external brick chimney and additional vinyl-frame windows.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
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2023 Pierce County Public GIS. Aerial photographs, 1945–2019. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis/, accessed January 27, 2023.

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2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Tacoma Index
2012 New Business: Pierce County, Owner NW Auto Sales, LLC. Electronic document, https://issuu.com/pnwmarketplace/docs/i20120821122915795, accessed January 25, 2023.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731872

Inventory Details - 10/11/2023

Common name:	Commercial Office
Date recorded:	10/11/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Cladding	Fiber Cement Board
Cladding	Wood - Plywood
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1940), the residence, office, and garage at 8410 Pacific Highway E retain integrity of location, as they remain on their original parcel, but do not retain integrity of setting, design, materials, workmanship, feeling, or association, due to a series of alterations, including window and siding replacement on the residence and the conversion of a former garage to office use, with associated construction on its facade.

Evaluation

This location was likely devoted to residential use when the original residence was constructed, likely ca. 1940. As late as 1970, the parcel included only the residence and a detached garage (Pierce County 2023). With increasing development and increasing traffic along Pacific Highway, this parcel was converted to a commercial use. It appears in publications as the location of a new business, NW Auto Sales, LLC in 2012 and has been associated with additional commercial enterprises, including trucking and transportation, since (Pierce County Assessor 2023; Tacoma Index 2012).

The former residence does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The former residence features some recognizable elements of the Minimal Traditional type, evident in its massing, minimal eaves, and projecting entry, details borrowed from the Tudor Revival style. However, alterations to its garage, which has been converted to a business office, a change of use, and incompatible material replacement have obscured its original character. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 8410 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, two buildings at 8410 Pacific Highway E were constructed in 1950 as an office building and associated storage garage, although the record appears to be incomplete (Pierce County Assessor 2023). At the time of survey, these two buildings were joined by a 1,445 square foot residence with no available construction date. Aerial photographs show that the site was bare in 1936, and that the residence, office, and garage were on site in their present locations by 1955 (NETROnline 2023). HRA assumes that the residence predated the office and garage and was likely constructed in the late 1930s or early 1940s (circa 1940), based on its architectural character. What the assessor calls an "office" appears to be the residence's original detached garage, which has since been converted to a commercial use. The service garage, set far back on the parcel and obscured by truck storage, appears to be a simple wood-frame shed with a front-gabled roof of corrugated metal.

North of the residence is the office building, a rectangular, single-story building that sits on a poured-concrete foundation and is clad in a combination of cement board and plywood siding, with battens. The building is topped by a front-gabled asphalt shingle roof with no eaves. A projecting enframed awning has been added to the west-facing facade. It shelters an entry door and large, vinyl-frame window. The awning is topped by corrugated metal. Above it is an applied sign advertising "NW Auto Truck Sales." The building's north elevation includes three metal-frame sliding windows and a shed-roofed projection with secondary entry. The building's south elevation was not visible at the time of survey.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

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Tacoma Index
2012 New Business: Pierce County, Owner NW Auto Sales, LLC. Electronic document, https://issuu.com/pnwmarketplace/docs/i20120821122915795, accessed January 25, 2023.

Historic Property Report

Historic Name: Spring Valley Mobile Home Park

Property ID: 731873

Location

Address: 8323 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: T21R04E31, POVERTY BAY Quadrangle, Pierce County Certified Local Government, Pierce County

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1967	☐
Addition	1985	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Multiple Family House
Domestic	Domestic - Multiple Family House

Historic Context:

Category
Community Planning and Development

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Spring Valley Mobile Home Park

Property ID: 731873

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8323 Pacific Highway E, view west.

8323 Pacific Highway E, view southwest.

Historic Property Report

Historic Name: Spring Valley Mobile Home Park Property ID: 731873

Inventory Details - 10/11/2023

Common name: Mobile Home Park

Date recorded: 10/11/2023

Field Recorder: Kristen Freeman

Field Site number:

SHPO Determination

Detail Information

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: The Spring Valley Mobile Home Park at 8323 Pacific Highway E was developed between 1967 and 1985. Assessor's records suggest it was constructed with a central duplex, but the duplex was not visible from the public right-of-way.

Integrity
From its period of construction (1967), the mobile home park at 8323 Pacific Highway E retains integrity of location and association, as it remains on its original parcel and continues to serve as a mobile home park. It does not retain integrity of setting, design, materials, workmanship, or feeling, due to alterations and additions that expanded the park's footprint and either altered or replaced an original duplex once located centrally within the park but no longer visible from the public right-of-way (NETROnline 2023; Pierce County Assessor 2023).

Evaluation
The Spring Valley Mobile Home Park at 8323 Pacific Highway E was developed between 1967 and 1985, likely in association with increasing traffic and vacation travel along the Pacific Highway, a portion of which was developed to link Seattle to Tacoma in the1920s (Pierce County Assessor 2023). Today, the RV park is located among dense commercial and industrial development. While the mobile home park is associated with roadside development and growth in King County, the complex does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The mobile home park is located along a single, double-loaded road with minimal amenities. Although it possesses the parking areas that define a mobile home park, it lacks other distinctive feature of the type, including recreational amenities (club house, pool, trails, gardens) or visually eye-catching signage, roadside or Googie features, or other details designed to attract motorists. The Spring Valley Mobile Home Park does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the mobile home park was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends the Spring Valley Mobile Home Park at 8323 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the Spring Valley Mobile Home Park at8323 Pacific Highway E was constructed as a duplex in 1967, and converted to a mobile home park with small laundry in 1985 (Pierce County Assessor 2023). This appears to be in error, as aerial photographs show that the park's central path was partially lined with mobile homes or recreational vehicles as early as 1970, although the footprint grew through the late twentieth century, suggesting that amenities like the laundry room and the park's expansion may have been completed as late as 1985 (NETROnline 2023; Pierce County 2023). It is also possible that the duplex was reconstructed at that time, as aerial photographs suggest that a building with a square rather than rectangular footprint appeared on this location between 1970 and 1985 (NETROnline 2023). The duplex was minimally visible from the public right-of-way at the time of survey, and is a two-story, side-gabled, square building clad in T1-11 and topped by an asphalt shingle roof. It is accessed via a private drive to the north of the mobile home park and is screened from the park's central drive by additional parking.

The Spring Valley Mobile Home Park faces east toward Pacific Highway E. It includes one central drive flanked by privacy fencing. Additional fencing is located along the northern boundary. The southern boundary is lined with trees. Within the park, parking spaces are located along both sides of the singular drive, and motor vehicles and mobile homes are parked perpendicular to the drive, which is paved.

Bibliography:

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Pierce County Assessor
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Historic Property Report

Historic Name: Single-family residence

Property ID: 731888

Location

Address: 8324 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: POVERTY BAY Quadrangle, King County Certified Local Government, King County, T21R04E31, Pierce County Certified Local Government

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1946	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture
Community Planning and Development

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731888

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8324 Pacific Highway E, view northeast.

8324 Pacific Highway E, view southeast.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731888

Inventory Details - 10/12/2023

Common name: Afford-It Auto Sales, LLC

Date recorded: 10/12/2023

Field Recorder: Kristen Freeman

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Side Gable
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Fiber Cement Board
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1946), the residence at 8324 Pacific Highway E retains integrity of location, setting, feeling, and association, as it remains a residence on its original parcel. Alterations and additions, including an added dormer and incompatible siding and window replacement, along with the addition of a large garage, have diminished its integrity of design, materials, and workmanship. Additionally, the surrounding parcel has been devoted to commercial use, and lawns were replaced by vehicle storage in phases between 1998 and 2008 (NETROnline 2023).

Evaluation

The residence at 8324 Pacific Highway E was constructed in 1946, at the beginning of a housing boom that followed World War II. In the twenty-first century, the parcel appears to have been converted to commercial use and is now identified as Afford-It Auto Sales, LLC, which appears to be a business installed either in the residence or the added garage (Afford-It 2023).

While the residence was constructed during a period of residential growth, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building, likely constructed as a modest Minimal Traditional residence, has been altered and no longer possesses the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 8324 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 8324 Pacific Highway E was constructed in 1946, with a detached garage added in 2009 (Pierce County Assessor 2023). The 1.5-story building is rectangular in plan and partially screened from the highway by privacy fencing.

The building sits on a poured-concrete foundation, is clad in cement boards, and is topped by a side-gabled, asphalt shingle roof. The building's west-facing facade includes a projecting portico supported by wood posts over a central entry and stoop. The portico once included a sunburst in boards, but they have been removed and only the outline remains. The entry is flanked north and south by vinyl-frame sliding windows. The building's south elevation includes an exterior chimney, which has been encased, and near it on the roof slope is a recently added shed-roofed dormer with single vinyl-frame window. Secondary elevations include additional vinyl-frame sliding windows on upper and lower floors, including the basement level.

A large, detached garage (2,356 square feet) was added to the rear of the residence in 2009. Due to its young age, it was not recorded.

Bibliography:

Afford-It Auto Sales, LLC (Afford-It)
2023 About Us. Electronic document, https://www.afforditautosales.com/about, accessed January 25, 2023.

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Historic Property Report

Historic Name: Residence

Property ID: 731889

Location

Address: 8217 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: POVERTY BAY Quadrangle, King County Certified Local Government, T21R04E31, Pierce County Certified Local Government, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1946	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture
Community Planning and Development

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Residence

Property ID: 731889

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8217 Pacific Highway E, view southwest.

8217 Pacific Highway E, view west.

Historic Property Report

Historic Name: Residence

Property ID: 731889

Inventory Details - 10/12/2023

Common name:	Residence
Date recorded:	10/12/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Side Gable
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Asbestos - Shingles
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1946), the residence at 8217 Pacific Highway E, now associated with commercial storage, retains integrity of location and setting, but does not retain integrity of design, materials, workmanship, feeling, or association, due to alterations including incompatible window and siding replacement and a change of use from residential to commercial, evidenced by the clearing of surrounding trees for truck storage ca. 2000 (Pierce County 2023).

Evaluation

The residence at 8217 Pacific Highway E was constructed along Pacific Highway in 1946, at the beginning of a housing boom that followed World War II. In the twenty-first century, the parcel appears to have been converted to commercial use. Much of the 2.23-acre parcel is now devoted to paved parking for large vehicles. It is owned by Skyline Group LLC, which also owns the neighboring parcel to the south (Pierce County Assessor 2023). These two parcels are now attached by a shared drive.

While the residence was constructed during a period of residential growth in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building, likely constructed as a modest Minimal Traditional residence, as evidenced by its massing and minimal eaves, has been altered and no longer possesses the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and loss of integrity, Historical Research Associates, Inc., recommends 8217 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 8217 Pacific Highway E, was constructed in 1946 (Pierce County Assessor 2023). The single-family residence is rectangular in plan, one-story tall, and faces east toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in shingles of asbestos or similar material, and is topped by a side-gabled, asphalt shingle roof with no eaves.

The building's main facade includes a partially visible basement and a concrete stair with wood railing to a central recessed entry. The entry is flanked north and south by three-part, vinyl-frame windows. The building's north elevation includes an exterior brick chimney and additional vinyl-frame window. A wood deck is minimally visible to the rear (west). The building's south elevation is entirely obscured by mature foliage. The building is located next to a large parking lot enclosed by chain link, apparently used for truck storage.

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Historic Property Report

Historic Name: American Reinforced Plastics

Property ID: 731890

Location

Address: 8209 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: Pierce County, POVERTY BAY Quadrangle, King County Certified Local Government, T21R04E31, Pierce County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1974	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: American Reinforced Plastics

Property ID: 731890

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8209 Pacific Highway E, view west.

8209 Pacific Highway E, view west.

Historic Property Report

Historic Name: American Reinforced Plastics

Property ID: 731890

Inventory Details - 10/12/2023

Common name:	Skyline Group warehouse
Date recorded:	10/12/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Roof Type	Gable
Roof Material	Metal
Cladding	Metal - Corrugated
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From their period of construction (ca. 1974), the two warehouses at 8209 Pacific Highway E retain integrity of location and setting, as they remain on their original parcel. They appear to retain integrity of design, materials, workmanship, feeling, and association, as no alterations are evident, apart from the development of a link between this parcel and the parcel to the north, apparently associated with commercial development of these two parcels for one owner.

Evaluation

The two warehouses located at 8209 Pacific Highway E were constructed ca. 1974. They were built for a commercial use. They were associated with American Reinforced Plastics, incorporated in 1964 and dissolved in 2014 (OpenGovWA 2023). The property is now used by Skyline, which acquired the location in 2013, expanded to the north, and has been contracting with the U.S. Postal Service "for over 40 years" (Pierce County Assessor 2023; Skyline 2023; Tacoma Index 2013).

While the buildings are associated with commercial business in the region, they do not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The buildings appear to be utilitarian in character, constructed of manufactured materials, with no distinctive characteristics of a particular type, period, or method of construction. They do not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 8209 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two warehouses at 8209 Pacific Highway E were constructed in 1970 and 1974 (Pierce County Assessor 2023). However, this appears to be in error, as aerials indicate the parcel remained undeveloped in 1973. Both warehouses appear in their present configuration between 1973 and 1980 (NETROnline 2023; Pierce County Assessor 2023). Both are shielded from Pacific Highway by a screen of mature foliage and minimally visible from the public right-of-way. Aerial photographs show that the warehouses are generally rectangular, a single story, and stand in parallel, facing north, away from the highway. They are accessed via a single drive off Pacific Highway E and via a shared drive from the parcel to the north, which is primarily dedicated to truck parking (Pierce County 2023). Both warehouses are utilitarian, clad in corrugated metal panels with shallow, metal, gable roofs with no eaves. One aluminum-frame window is visible on the western warehouse, which also includes a pedestrian door on the north elevation to an enclosure of chain-link fence. Metal-clad projections are minimally visible along the west elevation. Freestanding signage advertises Skyline Group, LLC, Auto Sales and SMC Skyline Mail Carriers, Inc.

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2023 American Reinforced Plastics. Electronic document, https://opengovwa.com/corporation/278044751, accessed January 25, 2023.

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Skyline Mail Carriers, Inc.
2023 Skyline Mail Carriers: Home. Electronic document, https://skylinemailcarriers.com/, accessed January 25, 2023.

Tacoma Index
2013 Mortgages: 363, Skyline Group LLC to Columbia State Bank 8209 Pacific Highway E, Tacoma WA. Electronic document, https://issuu.com/pnwmarketplace/docs/i20130822090216586, accessed January 25, 2023

Historic Property Report

Historic Name: Commercial Storefront

Property ID: 731967

Location

Address: 8111 Pacific Hwy E, Tacoma, Washington, 98422

Geographic Areas: Pierce County Certified Local Government, Pierce County, T21R04E31, POVERTY BAY Quadrangle, King County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1932	☐
Built Date	1977	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Commercial Storefront

Property ID: 731967

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

8111 Pacific Highway E, view southwest.

8111 Pacific Highway E, view northwest.

8111 Pacific Highway E, undated photo courtesy of Loopnet (2023).

Historic Property Report

Historic Name: Commercial Storefront

Property ID: 731967

Inventory Details - 10/18/2023

Common name:	Hunts Services
Date recorded:	10/18/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Fiber Cement Board
Cladding	Wood - Plywood
Plan	Square

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1932-ca. 1977), the commercial building complex at 8111 Pacific Highway E retains integrity of location. However, a history of construction and demolition, paired with either reconstruction or extensive renovation of the original 1932 building, has diminished its integrity of setting, design, materials, workmanship, feeling, and association. Early users of the building are unknown, but since 2016, the site has been owned by Jason & Sari Properties, which runs Hunts Services, a utility service supplier, from this location (Pierce County Assessor 2023).

Evaluation

The original building at 8111 Pacific Highway E was a retail operation located close to the Pacific Highway roadside. An undated photo online shows that it was divided into two storefronts, partially clad in brick, and oriented toward the east before its remodel (Loopnet 2023).

While the buildings are associated with commercial business in the region, and the earliest may date to the 1930s, they do not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The buildings have been heavily altered, expanded, and given a new orientation and use. Their early character has been obscured and do not feature the distinctive characteristics of a particular type, period, or method of construction. They do not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the buildings were built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 8111 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the retail store at8111 Pacific Highway E was constructed in 1932 (King County Assessor 2023). To the rear of the building are two storage garages built in 1944 and 1977 (King County Assessor 2023). However, this appears to be in error, as aerial photos indicate that the original building was either rebuilt or extensively altered, with two additional buildings dating to between 1970 and 1985. One more building, constructed prior to 1970, has since been demolished.

The primary retail building is a single-story building, square and facing south. It was constructed close to Pacific Highway and once faced east instead of toward southern parking areas. The building sits on a poured-concrete foundation and is clad in cement boards topped by a band of plywood with fixed, rectangular, wood-frame windows, topped by panels of board and batten. The building is topped by a flat, built-up roof. The building's south-facing facade includes an off-center entry with a shallow ramp with vinyl railing to paired, glazed pedestrian doors. All visible elevations of the building are consistent in materials and design.

To the rear of the building is an enclosure that screens a gabled, single-story storage warehouse with shallow-gable roof. Further back on the parcel is a side-gabled garage within a fenced yard. Both warehouse and garage appear to be clad in T1-11 and to date to circa 1977.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
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2023 eReal Property Database. Electronic document, https://kingcounty.gov/depts/assessor/Parcel-Sales-Search.aspx, accessed January 27, 2023.

Loopnet
2023 Property record: 8111 Pacific Highway E, Tacoma, WA98422. Electronic document, https://www.loopnet.com/property/8111-pacific-hwy-e-tacoma-wa-98422/53053-0421314055/, accessed January 30, 2023.

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Historic Property Report

Historic Name: Daffodil Motel

Property ID: 731901

Location

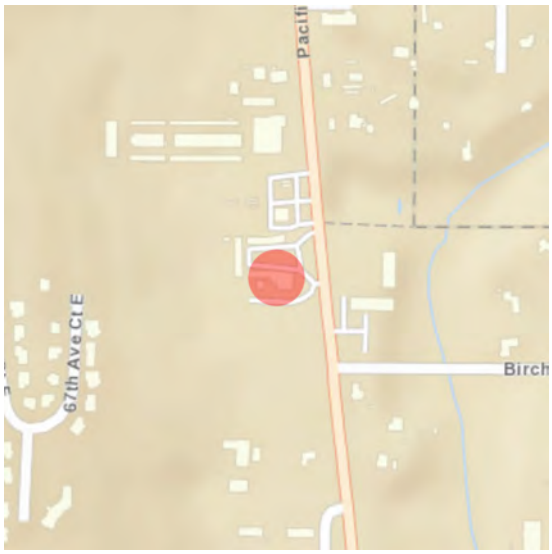

Address: 7909 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: Pierce County Certified Local Government, T20R04E06, POVERTY BAY Quadrangle, King County Certified Local Government, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
	1948	☑
Built Date	1948	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Hotel
Domestic	Domestic - Hotel

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

7909 Pacific Highway E, view northwest.

DaffodilMotelSeattle2.jpg

DaffodilMotelSeattle1.JPG

7909 Pacific Highway E, view west.

7909 Pacific Highway E, view northwest.

Historic Property Report

Historic Name: Daffodil Motel

Property ID: 731901

Inventory Details - 10/12/2023

Common name:	Daffodil Motel
Date recorded:	10/12/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Hotel/Motel - Motel
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Roadside

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (ca 1948), the Daffodil Motel at 7909 Pacific Highway E retains integrity of location and setting, as it remains on its original parcel. Minor alterations to the office on the complex's southeast corner do not diminish the motel's integrity of design, materials, workmanship, feeling, and association. The motel's neon sign, its most distinctive feature, has deteriorated and no longer fully functions. With repair, it would also retain integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Daffodil Motel at 7909 Pacific Highway E was constructed ca. 1948 and has continued to serve as a roadside motel for travelers along the Pacific Highway since that time. It is one of a relatively few resources that retains its original use, its original footprint, and enough evidence of its original function and relationship to Pacific Highway to express its significance as a roadside motel. A review of historic resources, including the Tacoma-Pierce County Building Index, did not reveal additional information regarding the motel's construction, although numerous articles in the Seattle Times described criminal activity at the motel, particularly in the early 2000s (Tacoma Public Library 2023).

The building is one of many roadside commercial enterprises constructed in this area in the 1940s. Like nearby RV parks and commercial operations, it was likely designed to attract motorists traveling the highway between Tacoma and Seattle. While it does appear to be associated with transportation history, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The motel buildings are modest in character but paired with an eye-catching neon sign designed to appeal to roadside travelers, particularly those traveling in the dark. The motel rooms are modest, as are the grounds, but are clad in natural materials and have retained their aluminum-frame windows, an increasingly rare remnant of mid-twentieth-century design. The motel does possess the distinctive features of a roadside motel of the mid-twentieth century. It is not known to represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the buildings were built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its architectural significance as a relatively intact roadside motel, Historical Research Associates, Inc., recommends 7909 Pacific Highway E eligible for listing in the National Register of Historic Places at the local level under Criterion C. The building's significance dates to its construction ca. 1948, and the boundary of the eligible resource matches the boundary of the current parcel.

Physical description: According to the Pierce County Assessor, the Daffodil Motel, a complex of three buildings around an internal courtyard at 7909 Pacific Highway E, was constructed in 1942 (Pierce County Assessor 2023). However, this appears to be in error, as a review of aerial photographs shows that the site was undeveloped as late as 1945 (Pierce County 2023). The motel does appear in historic aerials in 1955 and was likely constructed soon after the end of World War II (ca. 1948) (NETROnline 2023).

The motel comprises three buildings in a U-shaped pattern facing east toward Pacific Highway E. The buildings are generally rectangular, although the north and south buildings flare slightly to open up to the highway. All three are one-story tall and ring a paved parking lot. Small lawns are located between the motel and the highway, and a large neon sign is located on the edge of the highway. The sign is double-sided and is made up of a blade sign beside a figurative daffodil topped by a cloud-like form. The sign reads “Daffodil Motel.” An attached marquis vacancy sign reads “Special/Always Free/Movies/New Releases/922-7000” and includes an arrow. The sign has been partially dismantled and is missing pieces of its arrow and its flower stem. It is not clear that it is still functional, although online photographs of the illuminated sign date to as late as 2013.

The buildings sit on concrete-block foundations, are clad in lapped wood boards, and are topped primarily by shallow side-gabled roofs with asphalt shingles. Gables include diagonal lapped boards. Windows are aluminum frame. Each building includes individual rooms with shallow concrete stairs, some of which are flanked by brick planter boxes. Entry doors are flanked on one side by three-part windows.

The motel office, located on the motel’s southeast corner, includes a projecting gable over a narrow brick porch at the entrance. The office includes a row of windows along its east and north elevations. Windows are aluminum-frame, consisting of a fixed light over sliders. The office’s east-facing elevation includes a recessed secondary entry under a projecting gable next to fixed lights with sliders above. The office porch may have originally wrapped this corner.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
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1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

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2023 Pierce County Public GIS. Aerial photographs, 1945–2019. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis/, accessed January 27, 2023.

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Tacoma Public Library
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Historic Property Report

Resource Name: Residence

Property ID: 721376

Location

Address: 324 Birch St, Milton, Washington, 98354

Tax No/Parcel No: 420052031

Geographic Areas: Pierce County, T20R04E05, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721376

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721376

Photos

324 Birch Street

324 Birch Street, GoogleEarth, 2019, view west from I-5

324 Birch Street

Historic Property Report

Resource Name: Residence

Property ID: 721376

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood - Clapboard
Plan	Rectangle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1968), the residence at 324 Birch Street retains integrity of location and setting, although alterations, including recladding, window replacement, and a deteriorated roof, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 324 Birch Street was constructed in 1968. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring few features of the type apart from its plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 324 Birch Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 324 Birch Street was constructed in 1968 (Pierce County Assessor 2020). The one-story, Ranch-style residence faces south toward Birch Street and is minimally visible from the ROW. The building sits on a foundation of unknown material, is clad in wood clapboard, and is topped by a side-gabled asphalt roof in deteriorated condition. Vinyl-framed windows are visible on all elevations, some of which include faux shutters. The parcel includes a large, digital advertising sign installed behind the building.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Historic Property Report

Resource Name: PNW Dealers LLC

Property ID: 721377

Location

Address:	320 Birch St, Milton, Washington, 98354
Tax No/Parcel No:	420052045
Geographic Areas:	Pierce County, POVERTY BAY Quadrangle, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Single Family House
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: PNW Dealers LLC

Property ID: 721377

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Photos

320 Birch Street, view north

320 Birch Street outbuildings, view north

Historic Property Report

Resource Name: PNW Dealers LLC

Property ID: 721377

Inventory Details - 3/4/2020

Common name:

Date recorded: 3/4/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Front
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From the period of construction (1951), the residence and outbuildings at 320 Birch Street retain integrity of location and setting, although substantial alterations to the primary building, including recladding, window replacement, altered fenestration, and a reconstructed porch, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 320 Birch Street was constructed in 1951, or possibly earlier, based on its form, which suggests a construction date in the 1920s or 1930s. The building has been converted to commercial use and does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of mid-century bungalow with some features of the Craftsman style evident in its overall form and full front porch, although extensive alterations have obscured its historic-period character (Criterion C). It does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and outbuildings at 320 Birch Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 320 Birch Street was constructed in 1951 (Pierce County Assessor 2020). The one-and-one-half-story, rectangular residence faces south toward Birch Street and has two associated outbuildings. The main building sits on a poured-concrete foundation, is clad in vinyl siding, and is topped by a front-gabled asphalt roof. There are vinyl-framed windows on all visible elevations. The entry porch on the south-facing facade has been reconstructed, and the building has been remodeled. The two outbuildings sit northwest of the main building. One appears abandoned, and the other is used as a garage. The garage is clad in vertical wood boards and is topped with an asymmetrical, gabled, asphalt roof. There are two garage doors on the south side. The windows on the garage are aluminum framed in altered fenestration. The other outbuilding sits north of the garage and is clad in vertical wood boards with a side-gabled asphalt roof and exposed rafter tails. The windows on this outbuilding have been removed, though the openings remain.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

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Historic Property Report

Resource Name: Residence

Property ID: 721777

Location

Address: 212 Birch St, Milton, Washington, 98354

Tax No/Parcel No: 0420052050

Geographic Areas: Pierce County, POVERTY BAY Quadrangle, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721777

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721777

Photos

212 Birch St, view northwest

212 Birch St, view northeast

212 Birch St, view east

Historic Property Report

Resource Name: Residence

Property ID: 721777

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	L-Shape
Cladding	Wood - T 1-11
Roof Type	Gable - Gable-on-Hip
Roof Material	Metal - Standing Seam
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the residence at 212 Birch Street retains integrity of location, setting, feeling, and association, although alterations, including recladding, window replacement, an attached garage, and altered fenestration, have diminished the building's integrity of design, materials, and workmanship.

Evaluation

The residence at 212 Birch Street was constructed in 1969. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest Ranch with few distinctive historic-period features (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 212 Birch Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 212 Birch Street was constructed in 1969 (Pierce County Assessor 2020). It fronts south and has a detached garage to the north that was constructed in 1972. The one-story, L-shaped residence sits on a poured-concrete foundation, includes a daylight basement, is clad in T1-11, and is topped by a gable-on-hip roof clad in standing-seam metal. The daylight basement is covered with lattice on the west elevation where it is exposed by changes in grade. The building's southern wing includes an attached garage with an east-facing garage door. The south-facing main entrance sits in the corner of the L-shape. The windows are vinyl framed in altered fenestration. A projecting bay looks west. The detached one-story, L-shaped garage sits north of the residence on a poured-concrete foundation, is clad in T1-11, and is topped by a side-gabled metal roof. There are no visible windows. Two large garage bays are on the south facade, and a third, smaller garage bay is located on the west elevation.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 721778

Location

Address: 7808 Pacific Hwy E, Milton, Washington, 98354

Tax No/Parcel No: 0420052005

Geographic Areas: T20R04E05, POVERTY BAY Quadrangle, Pierce County

Information

Number of stories: 3.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1970	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 721778

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Photos

7808 Pacific Hwy, view southeast

7808 Pacific Hwy, view northeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 721778

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - Plywood
Cladding	Wood - T 1-11
Roof Type	Shed
Roof Material	Asphalt/Composition
Plan	Irregular
Form Type	Commercial
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Shed

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1970), the residence at 7808 Pacific Highway E retains integrity of location and setting, although alterations, including window replacement, altered fenestration, altered entry, and the boarding-up of the lower floor, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The building at 7808 Pacific Highway E, formerly used as an office, was constructed in 1970. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest Shed-style building with few distinctive historic-period features, apart from its massing and shed-style roofline (Criterion C). Due to alterations, it does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of integrity, Historical Research Associates recommends that the former office building at 7808 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the three-story residence at 7808 Pacific Highway E was built in 1970 (Pierce County Assessor 2020). The building fronts west towards Pacific Highway E. The three-story building sits on a poured-concrete foundation, is clad in plywood and T1-11, and is topped by a shed-style asphalt roof with a varied roofline. The windows are framed in vinyl and aluminum, some in altered fenestration. The building appears vacant. The lower floor on the west-facing facade has been boarded up with plywood, and the two west-facing facade entrances are located on the floor above with no apparent access, suggesting stairs and/or decks have been removed.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Historic Property Report

Historic Name: Single-family residence

Property ID: 731910

Location

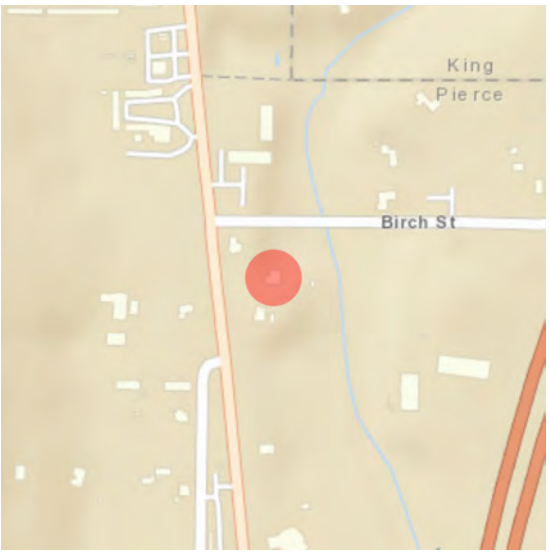

Address: 7802 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: Pierce County, POVERTY BAY Quadrangle, Pierce County Certified Local Government, T20R04E05

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1905	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731910

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Single-family residence

Property ID: 731910

Photos

7802 Pacific Highway E, view southeast.

7802 Pacific Highway E, view northeast.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731910

Inventory Details - 10/12/2023

Common name:	Oak Hills Construction
Date recorded:	10/12/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Gable Front and Wing
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Plan	T-Shape

Styles:

Period	Style Details
Late Victorian Period (1860-1900)	Queen Anne

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1905), the former residence at 7802 Pacific Highway E retains integrity of location, as it remains on its original parcel. A change of use that converted the building's surrounding parcel to commercial use has diminished its integrity of setting. Incompatible alterations, including window replacement, an added shelter to the basement entry, and porch alterations, along with a change in use, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The former residence at 7802 Pacific Highway E was constructed in 1905, predating today's Pacific Highway and the incorporation of Milton, which took place in 1907. While the building is an early addition to the area, it is separated from the center of historic Milton and its former Interurban Railway, which were located east of I-5. The building may have been one of the earliest residences in the area. Aerials from 1940 show the house associated with undeveloped surrounding land, apparently devoted to lawns and plantings. Today, the residence is part of a commercial operation, Oak Hills Construction, founded in 2015 (OpenGovWA 2023). Oak Hill Properties, LLC acquired this location in 2020 (Pierce County Assessor 2023). Metsker maps, Sanborn maps, newspaper archives, historical society collections, and additional online research did not conclusively identify early twentieth century building owners.

The former residence is now part of one of many roadside commercial enterprises established along Pacific Highway in this area. Based on its age and its likely associations with early phases of growth and development in Milton, additional research may reveal that the property has some association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) or with the lives of significant persons (Criterion B). However, early research was inconclusive (Beckner and Weaver 2021). The building, constructed in the early twentieth century, does possess the massing and facade elements (shingles, porch) of a modest Queen Anne residence, although distinctive features including turned posts, additional wood ornamentation, and wood-frame windows are absent. The building does not possess the distinctive features of its type, period, or method of construction. It is not known to represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the buildings were built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on loss of integrity, associated with material loss, evident alterations, and a change of use, Historical Research Associates, Inc., recommends 7802 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 7802 Pacific Highway E was constructed in 1905 (Pierce County Assessor 2023). The building is generally T-shaped in plan, two-stories tall, and faces west toward Pacific Highway E. It appears to have been converted to commercial use, as a surrounding privacy fence reads "Oak Hill Construction" and the surrounding parcel includes storage sheds, a shed-roofed shelter, and shipping containers. The building sits on a poured-concrete foundation, is clad in lapped wood boards, and is topped by a cross-gabled roof covered in asphalt shingles.

The building's main facade is front gabled with a side-gabled central wing off the north elevation. The building is approached by a stair to a front porch with a reconstructed railing of wood and metal. A central entry door with central light is flanked north and south by one-over-one, vinyl-frame windows. A hipped porch roof is supported by turned posts. Above the porch roof are two vinyl-frame windows, shingles in the gable, and knee braces below the eaves. The central wing includes a single vinyl-frame window on the west elevation and an added corrugated metal-enclosed entry to the basement. The building's south elevation includes paired vinyl-frame windows on the first floor, and paired vinyl-frame windows under a projecting central gable. The building's north elevation includes one visible vinyl-frame window. The building's east elevation was minimally visible at the time of survey but includes a projecting gable.

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National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

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Historic Property Report

Historic Name: Commercial Building

Property ID: 731911

Location

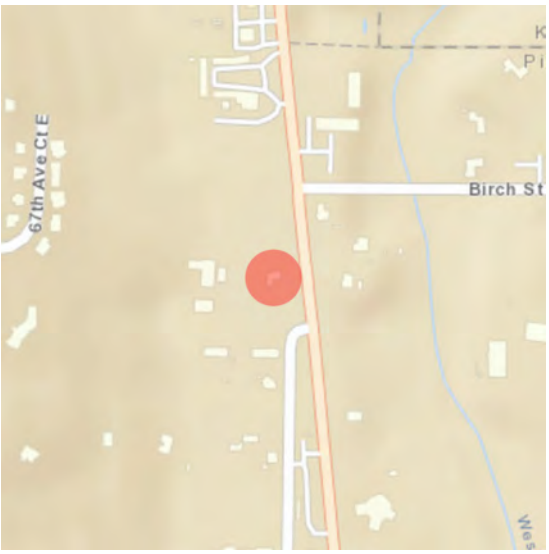

Address: 7721 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: POVERTY BAY Quadrangle, T20R04E06, Pierce County Certified Local Government, Pierce County

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1956	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Commercial Building

Property ID: 731911

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

7721 Pacific Highway E, view northwest.

7721 Pacific Highway E, view southwest.

Historic Property Report

Historic Name: Commercial Building

Property ID: 731911

Inventory Details - 10/12/2023

Common name:	Washington Traffic Control; National Concrete Cutting
Date recorded:	10/12/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Roof Type	Hip
Roof Material	Metal - Standing Seam
Form Type	Commercial
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1956), the small commercial building at 7721 Pacific Highway E retains integrity of location, as it remains on its original parcel, although additional development has diminished its integrity of setting. Alterations including incompatible window, roofing, and siding replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The two-unit commercial building at 7721 Pacific Highway E was constructed in 1956 and was associated with antique sales in the 1960s (Seattle Times 1965). It is now associated with Washington Traffic Control, based in Seattle, and National Concrete Cutting, based in Milton and in business since 1947, according to its website (NCC 2023). The building was acquired by Farr Ohio LLC in 2018 (Pierce County Assessor 2023).

While the building is associated with commercial business in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B).

The building is a modest commercial office building, divided at some point into two units and altered by residing, new windows, and a change in use, which has obscured its original character. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 7721 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two-unit building at 7721 Pacific Highway E was constructed in 1956 (Pierce County Assessor 2023). Two warehouses located to the rear (west) of the building, although associated, are located on a separate parcel and are evaluated separately. The office building is rectangular, one-story tall, and faces east toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in T1 -11, and is topped by a hipped, standing-seam metal roof.

The building's main facade faces east and includes two one-over-one, vinyl-frame windows, one with an air conditioning unit inserted. Between these two windows is signage for "National Concrete Cutting." Additional freestanding signing reads "Washington Traffic Control." The building's two units are addressed on the south end as 7715 and on the north end as 7721 Pacific Highway E. The building's primary entry is located on the north elevation next to a central projection. The entry door is slightly recessed, accessed by a concrete stair, and is flanked by metal one-over-one and sliding windows. To the rear, chain-link fencing topped by barbed wire secures the buildings west elevation. The building's south elevation includes vinyl-frame sliding and one-over-one windows flanking an exterior brick chimney. Fencing and a manufactured, metal-clad garage obscure much of the south elevation.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Concrete Cutting (NCC)
2023 Professional Concrete Cutting Services in Western WA. Electronic document, https://www.nationalconcretecuttinginc.com/services, accessed January 26, 2023.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Seattle Times
1965 Opening January 7th. Ad. January 2.

Historic Property Report

Historic Name: Warehouse

Property ID: 731912

Location

Address: 7715 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: Pierce County Certified Local Government, T20R04E06, Pierce County, POVERTY BAY Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☐
Addition	2000	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Warehouse

Property ID: 731912

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Warehouse

Property ID: 731912

Photos

7715 Pacific Highway E, view northwest.

7715 Pacific Highway E, view west.

Historic Property Report

Historic Name: Warehouse

Property ID: 731912

Inventory Details - 10/13/2023

Common name:	Washington Traffic Control; National Concrete Cutting
Date recorded:	10/13/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Cladding	Wood
Roof Type	Gable
Roof Material	Metal - Standing Seam
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1978), the warehouse at 7715 Pacific Highway E retains integrity of location, as it remains on its original parcel. It does not retain integrity of setting, due to additional construction on the parcel. The building was expanded to the rear between 1998 and 2002, according to historic aerials, although it appears to otherwise retain integrity of design, materials, workmanship, feeling, and association (Pierce County 2023).

Evaluation

The warehouse at 7715 Pacific Highway E was constructed in 1978 and is now associated with Washington Traffic Control, based in Seattle, and National Concrete Cutting, based in Milton and in business since 1947, according to its website (NCC 2023). The building was acquired, along with the parcel to the east, addressed as 7715 Pacific Highway E, by Farr Ohio LLC in 2018 (Pierce County Assessor 2023).

While the building is associated with commercial business in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is a modest warehouse with few distinctive features, apart from its massing. It is utilitarian in design and does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 7715 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two warehouses at 7715 Pacific Highway E were constructed in 1978 and 2005 (Pierce County Assessor 2023). The larger of the two dates to 1978 and was minimally visible from the public right-of-way as it is located to the rear (west) of the smaller warehouse (identified as an office building), which dates to 2005 and, based on its young age, not recorded. Both warehouses are located to the rear of 7721 Pacific Highway E, which is associated with the two warehouses but evaluated separately. The 1978 warehouse is rectangular, one-story tall, and faces south. It sits on a poured-concrete foundation, is clad in wood, and is topped by a standing-seam metal roof. The building includes one oversized overhead garage door on the south elevation and a metal pedestrian door. Two small windows are located on the east elevation. No other fenestration is visible.

Shipping containers and metal topped shelters are located to the south of the warehouse and office, and the parcel is enclosed by chain-link fence with barbed wire.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Concrete Cutting (NCC)
2023 Professional Concrete Cutting Services in Western WA. Electronic document, https://www.nationalconcretecuttinginc.com/services, accessed January 26, 2023.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County
2023 Pierce County Public GIS. Aerial photographs, 1945–2019. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis/, accessed January 27, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Fleig-Threlkend Funeral and Cremation Service

Property ID: 731913

Location

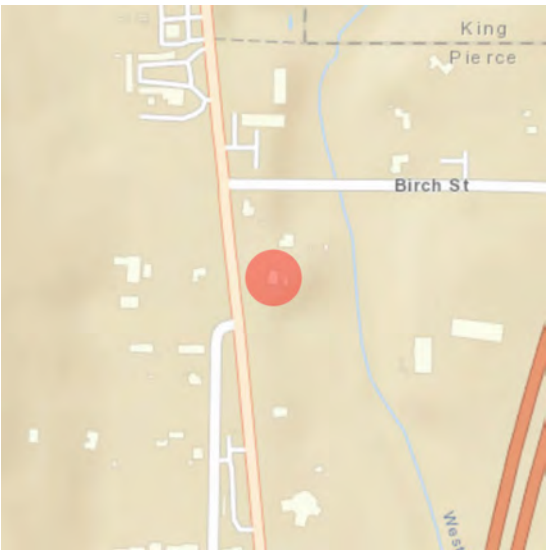

Address: 7720 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: POVERTY BAY Quadrangle, T20R04E05, Pierce County Certified Local Government, Pierce County

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Fleig-Threlkend Funeral and Cremation Service

Property ID: 731913

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Fleig-Threlkend Funeral and Cremation Service

Property ID: 731913

Photos

7720 Pacific Highway E, view east.

7720 Pacific Highway E, view northeast.

Historic Property Report

Historic Name: Fleig-Threlkend Funeral and Cremation Service

Property ID: 731913

Inventory Details - 10/13/2023

Common name:	Fleig-Threlkend Funeral and Cremation Service; Secoma Fence
Date recorded:	10/13/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Foundation	Concrete - Block
Cladding	Wood - Shingle
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling - Bungalow
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1950), the former residence at 7720 Pacific Highway E retains integrity of location, as it remains on its original parcel. However, while a small outbuilding or garage appears on early aerials to the rear of the residence and is joined by additional construction until the early twenty-first century, the surrounding parcel was cleared of all but the house and outbuilding between 2002 and 2005. Additional construction dates to between 2011 and 2014 (NETROnline 2023; Pierce County Assessor 2023). A change of use, phases of construction and demolition, and alterations including incompatible window replacement, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial operation at 7720 Pacific Highway E is located in a converted former residence constructed ca. 1950. The parcel was acquired by NSH Property LLC in 2015 and is now home to Secoma Fence. It was previously home to Fleig-Threlkend Funeral and Cremation Service, as indicated by newspaper articles from the early 2000s.

While the building is associated with commercial business in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is a modest bungalow, likely constructed with elements of the Minimal Traditional style, as evident in its massing and minimal eaves, although it lacks additional distinctive features including original materials. The building has been converted to a commercial use and does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 7720 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Historic Property Report

Historic Name: Fleig-Threlkend Funeral and Cremation Service

Property ID: 731913

Physical description:

According to the Pierce County Assessor, the converted residence at 7720 Pacific Highway E was constructed in 1960 (Pierce County Assessor 2023). However, this appears to be in error, as the building appears in historic aerials between 1945 and 1955 (NETROnline 2023; Pierce County Assessor 2023). HRA assumes a construction date of ca. 1950. The former bungalow, which has since been converted to a commercial use, is rectangular, 1.5-stories tall, and faces west toward Pacific Highway E. The building sits on a poured-concrete or concrete-block foundation, is clad in cedar shingles with sheets of plywood in the gables, and is topped by a front-gabled roof covered in asphalt shingles with no eves.

The building's main facade is front gabled and faces north. It includes an entry screened from view by a privacy fence but is located under a projecting hood supported by metal posts and railings. Windows on the lower floor are wood frame. Those in the gables have been replaced with vinyl-frame windows with grids. The building's street-facing west elevation includes a projection with secondary entry door, two fixed wood-frame windows, and a three-part window. Larger windows have been converted to signage for Secoma "serving you since 1968." The building's south elevation includes three-part windows partially covered by colored panels.

To the rear of the converted residence are large metal-roofed garages, sheds, and shelters. The business's parcel is surrounded by privacy fencing.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Tveten Motor Company

Property ID: 731933

Location

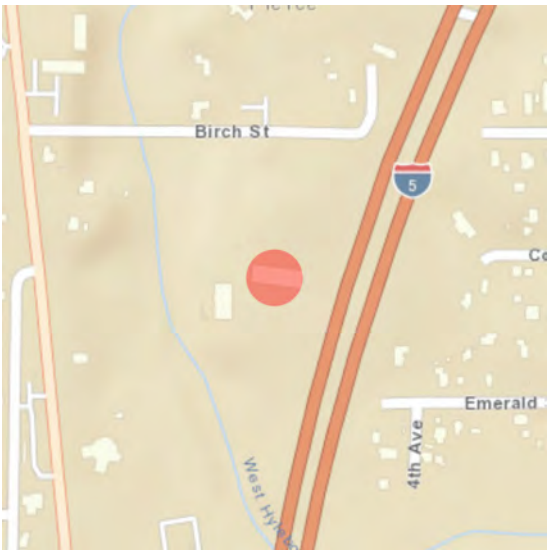

Address: 7700 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: T20R04E05, POVERTY BAY Quadrangle, Pierce County Certified Local Government, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Tveten Motor Company

Property ID: 731933

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Tveten Motor Company

Property ID: 731933

Photos

7700 Pacific Hwy E, courtesy of Jennifer Schreck, view northwest

7700 Pacific Highway E, view south.

7700 Pacific Highway E, view southeast.

Historic Property Report

Historic Name: Tveten Motor Company

Property ID: 731933

Inventory Details - 10/16/2023

Common name: Union Marine

Date recorded: 10/16/2023

Field Recorder: Kristen Freeman

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - Enframed Window Wall
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Cladding	Fiber Cement Board
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Roadside

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1978), the showroom at 7700 Pacific Highway E retains integrity of location, setting, feeling, and association, as it remains on its original parcel, with expanded storage for watercraft and a large, glass-enclosed showroom on the east elevation, visible from I-5 but not from Pacific Highway. The building's integrity of design, materials, and workmanship have been diminished, as windows and siding have been replaced on secondary side elevations. While window and siding replacements are visible, they do not detract from significant views of the building's showroom.

Evaluation

The showroom at 7700 Pacific Highway E is used by Union Marine, family owned since 1986, with retail locations throughout the Puget Sound region (Union Marine 2023). This location was acquired by Boatlaunch Enterprises II, LLC in 2001 (Pierce County Assessor 2023). It was previously associated with other vehicle distributors including Tveten Motor Company in 1981, which had a location in Tacoma from the 1930s to the 1970s (Seattle Times 1938, 1981).

While the building is associated with commercial activity in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in plan, a rectangular warehouse with replacement materials on side elevations. However, one distinct feature remains, a wall of wood-frame windows that provides a view of the interior of the showroom from I-5, an element of roadside architecture designed to capture the attention of passing motorists. Such views were designed to use light and optimum visibility to create interest as a form of roadside advertising. As such, the building is a significant example of showroom design. The building once housed airstreams for Tveten Motor Company, as indicated by ads in the Seattle Times, and is now associated with the sale of recreational watercraft. The building does possess the distinctive features of a roadside showroom from the late twentieth century. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its architectural character and in spite of some integrity loss, Historical Research Associates, Inc., recommends 7700 Pacific Highway E eligible for listing in the National Register of Historic Places at the local level under Criterion C as an example of roadside architecture. The building’s significance dates to its construction in 1978, and the boundaries of the eligible resources are limited to the building’s footprint, as the surrounding parcel has been altered by changes in use.

Physical description:

According to the Pierce County Assessor, the commercial showroom at 7700 Pacific Highway E was constructed in 1978 (Pierce County Assessor 2023). According to historic aerials, the large storage warehouse located southwest of the showroom was added between 1985 and 1995. Due to its young age, it was not recorded (Pierce County Assessor 2023). The showroom, built into a sloping grade and surrounded by paved parking, is a single-story tall, rectangular in plan, and faces east towards I-5. It is used by Union Marine as a showroom for watercraft. It sits on a poured-concrete foundation, is clad in cement board, and is topped by a flat built-up roof with minimal eaves and visible beam ends on the facade.

The building's facade faces east with a tall band of wood-frame windows providing views into the showroom. A wood deck wraps the facade and its corners. An open stair leads down to grade at the northeast corner. A glazed pedestrian door is located west of the windows on the building's north elevation. Another glazed door under an awning that reads "sales entrance" is located west of the windows on the south elevation. Both the north and south elevations include overhead garage doors, partially glazed, and large square, vinyl-frame windows. The building's rear (west) elevation retains some square wood-frame windows.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
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Seattle Times
1938 Startled? You Haven't Seen Anything Yet. Ad. March 28.
1981 New! 1981 Airstreams. Ad. March 2.

Union Marine
2023 Union Marine. Electronic document, https://unionmarine.com/locations/, accessed January 26, 2023.

Historic Property Report

Historic Name: Duplex

Property ID: 731928

Location

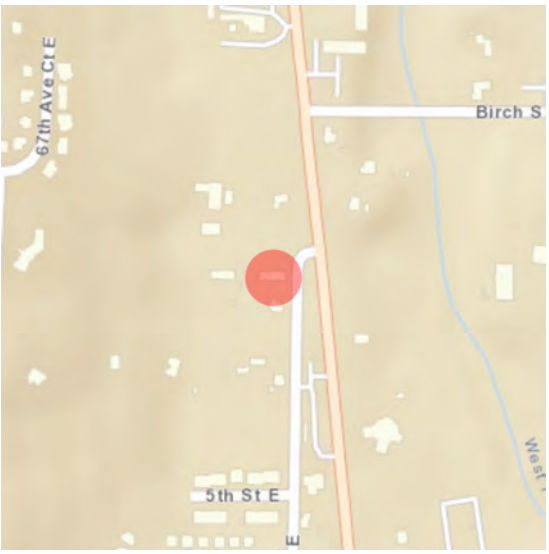

Address: 222 70th Ave E, Fife, Washington, 98424

Geographic Areas: T20R04E06, POVERTY BAY Quadrangle, Pierce County Certified Local Government, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1957	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Multiple Family House
Domestic	Domestic - Multiple Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Duplex

Property ID: 731928

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

222–224 70th Avenue E, view southwest.

222–224 70th Avenue E, view southeast.

Historic Property Report

Historic Name: Duplex

Property ID: 731928

Inventory Details - 10/16/2023

Common name:	Duplex
Date recorded:	10/16/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Hip
Form Type	Multiple Dwelling - Duplex
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1957), the duplex at 222–224 70th Avenue E retains integrity of location, setting, feeling, and association, as it remains on its original parcel and continues to serve as a residential building. It does not retain integrity of design, materials, or workmanship, due to alterations including changes in fenestration patterns, evidenced by an enlarged picture window on the east unit, and incompatible window replacement.

Evaluation

The duplex at 222–224 70th Avenue E was constructed in 1957, during a housing boom that followed World War II.

While the building is associated with growth in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a modest Ranch-type duplex, with wide facade and shallow hipped roof. Apart from its massing, the building does not possess the distinctive characteristics of a particular type, period, or method of construction, which might include, for instance, additional ornament, attached planter boxes, large, wood-frame picture windows, or additional features. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 222–224 70th Avenue E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the duplex at 222–224 70th Avenue E was constructed in 1957 (Pierce County Assessor 2023). The duplex is rectangular in plan, one-story tall, and faces north. It sits on a poured-concrete foundation, is clad in lapped cement wood boards, and is topped by a hipped roof covered in asphalt shingles.

The building's main facade includes a central projection with two garage doors, one for the unit to the east and one for the unit to the west. Flanking the garages, the facades include central entry doors with concrete stoops flanked east and west by sliding and fixed vinyl-frame windows with internal grids.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731934

Location

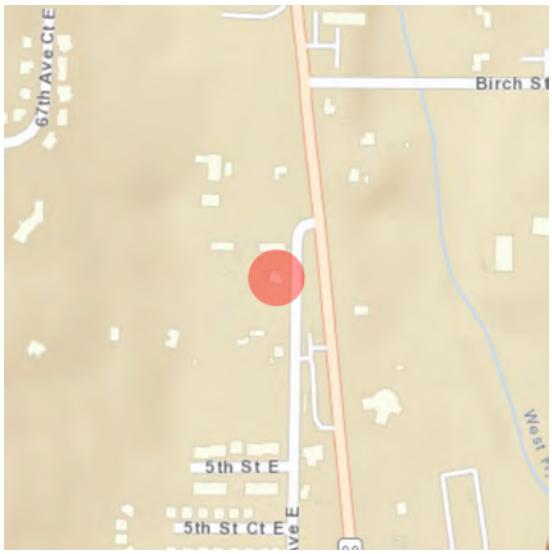

Address: 304 70th Ave E, Fife, Washington, 98424

Geographic Areas: T20R04E06, POVERTY BAY Quadrangle, Pierce County, Pierce County Certified Local Government

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1941	☑
Addition	2000	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731934

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Single-family residence

Property ID: 731934

Photos

304 70th Avenue E, view southwest..

304 70th Avenue E, view north.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731934

Inventory Details - 10/17/2023

Common name:	Westside Visions
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Bungalow
Roof Type	Gambrel - Front
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1941), the residence at 304 70th Avenue E retains integrity of location and setting, as it remains on its original parcel. It does not retain integrity of design, materials, workmanship, feeling, or association, as the building appears to be abandoned, and alterations including window replacement, additions on the south elevation (between 1998 and 2005), and porch alterations have obscured its original design and removed original materials. An associated building, and what may be small rows of orchard trees, were removed between 1970 and 1985 (Pierce County 2023).

Evaluation

The residence at 304 70th Avenue E was constructed as a bungalow ca. 1941. It was acquired by Westside Visions in 2011 (Pierce County Assessor 2023).

While the building is associated with residential growth in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a modest bungalow. Based on its massing, the building was likely constructed with an open front porch that has since been enclosed. Apart from its massing, the building does not possess the distinctive characteristics of a particular type, period, or method of construction, which might include, for instance, additional wood ornament, knee braces, and wood-frame windows. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 304 70th Avenue E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 304 70th Avenue E was constructed in 1941 (Pierce County Assessor 2023). This may be an error as the parcel appears partially developed on historic aerials by 1940, although images are not clear enough to confirm whether this resource was extant at that time (NETROnline 2023). Based on its bungalow form, it may have been constructed in the 1920s or 1930s. The bungalow is 1.5-stories tall, rectangular in plan, and faces east. It sits on a poured-concrete foundation, is clad in lapped wood boards, and is topped by a front-gabled, asphalt shingle roof with minimal eaves.

The building's main facade faces east and includes a projecting off-center porch under a projecting gable. The porch has been enclosed with plywood, and a projecting oriel of wood-frame windows has been added to the east-facing wall and sealed. Its primary entry door, once accessible from the north wall of the porch, has also been sealed. Stairs have been removed. Visible windows include paired, vinyl-frame, one-over-one windows on the first floor and a single one-over-one, vinyl-frame window in the gable. The secondary north elevation includes one-over-one and sliding vinyl-frame windows. The secondary south elevation includes a projecting porch with wood rail and corrugated roofing. A secondary entry door includes a vinyl-frame, nine-light window and shelters under a separate awning supported by wood knee braces. Windows on this elevation are minimally visible behind mature foliage but appear to be vinyl-frame, one-over-one windows.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Pierce County
2023 Pierce County Public GIS. Aerial photographs, 1945–2019. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis/, accessed January 27, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731936

Location

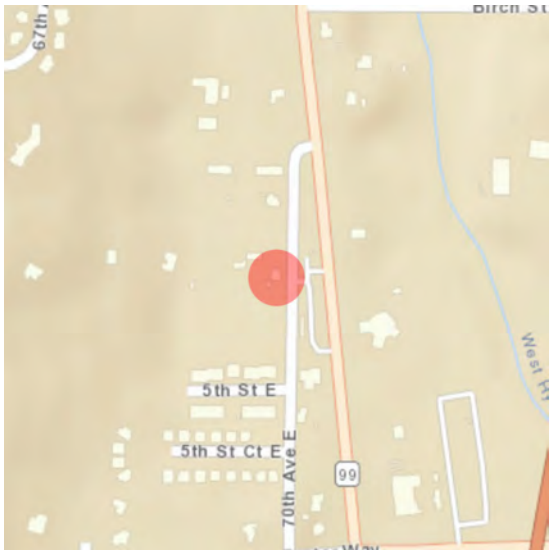

Address: 322 70th Ave E, Fife, Washington, 98424

Geographic Areas: T20R04E06, Pierce County Certified Local Government, POVERTY BAY Quadrangle, Pierce County

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Single-family residence

Property ID: 731936

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

322 70th Avenue E, view west.

322 70th Avenue E, view southwest.

Historic Property Report

Historic Name: Single-family residence

Property ID: 731936

Inventory Details - 10/17/2023

Common name:	Single-family residence
Date recorded:	10/17/2023
Field Recorder:	Chrisanne Beckner
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Side Gable
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Brick
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement (1930-1970)	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), the residence at 322 70th Avenue E retains integrity of location, setting, feeling, and association, as it continues to serve its original use on its original parcel. The building does not possess integrity of design, materials, or workmanship, due to incompatible alterations, including changes to fenestration patterns and replacement windows.

Evaluation

The residence at the residence at 322 70th Avenue E was constructed in 1948, during a housing boom that followed World War II.

While the building is associated with residential growth in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a modest Minimal Traditional residence, featuring the compact form, pedimented entry, and minimal eaves typical of the type. However, alterations, particularly to fenestration patterns, have obscured its character, and the building no longer possesses the distinctive characteristics of a particular type, period, or method of construction, which might include, for instance, wood-frame windows typical of its era of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 322 70th Avenue E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 322 70th Avenue E was constructed in 1948. A second residence was added to the north of the original residence in 2001 (Pierce County Assessor 2023). Due to its young age, the second building was not recorded. The original building is 1.5-stories tall, rectangular in plan, and faces east. A detached garage is located south of the residence. The building sits on a poured-concrete foundation, is clad in running bond red brick, and is topped by a side-gabled asphalt shingle roof. The garage also sits on a poured-concrete foundation and is clad in running bond brick.

The building's main facade faces east and includes an off-center entry door and a concrete stoop and stair, which shelter under a projecting gabled pediment supported by knee braces with cedar shingles in the gable. Flanking the entry north and south are large, vinyl-frame picture windows. The building's south elevation includes a secondary entry with concrete stair and wood railing under a gabled pediment. Windows are one-over-one and vinyl frame. The building's north elevation includes an external brick chimney and one-over-one, vinyl-frame windows on the first and second floors. Privacy fencing obscures the building's north yard.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Wrinklewall Bar & Grill

Property ID: 731941

Location

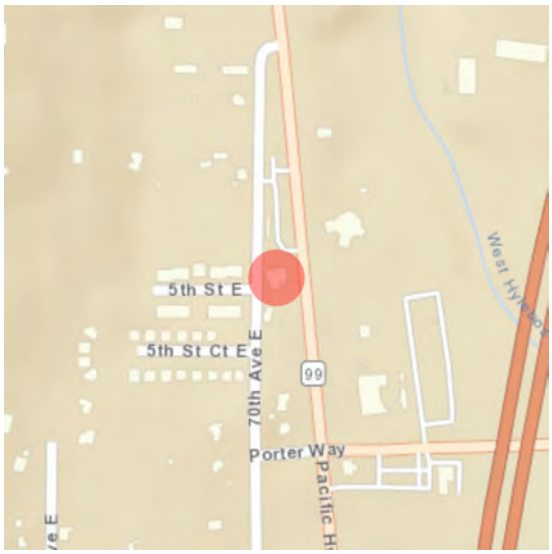

Address: 7403 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: POVERTY BAY Quadrangle, Pierce County, Pierce County Certified Local Government, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Restaurant
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Wrinklewall Bar & Grill

Property ID: 731941

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

7403 Pacific Highway E, view southeast.

7403 Pacific Highway E, view northwest.

Historic Property Report

Historic Name: Wrinklewall Bar & Grill

Property ID: 731941

Inventory Details - 10/17/2023

Common name:	Planet Hot Rod Café; Baby Zack's Smoke Shop
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Hip
Roof Type	Shed
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Cladding	Wood - Plywood
Cladding	Wood - Shingle
Roof Material	Metal - Corrugated

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1975), the former bar and restaurant (identified as Wrinklewall Bar & Grill) at 7403 Pacific Highway E retains integrity of location and setting, as it remains on its original parcel. It is no longer used as a restaurant but as a storefront. Alterations to its storefront and entries, along with an addition (added between 1985 and 1995) have diminished its integrity of design, materials, workmanship, feeling, and association (NETROnline 2023; Pierce County 2023).

Evaluation

The former tavern at 7403 Pacific Highway E was constructed in 1975 on a visible parcel alongside Pacific Highway E. It was known as Planet Hot Rod Café in 1998 (Tacoma Public Library 2023). It has been associated with the Puyallup Tribe of Indians since at least 2015 (Pierce County Assessor 2023).

While the building is associated with commercial growth in the region, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building's original use is obscured by alterations made to its storefronts and no longer possesses the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 7403 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria. Based on its association with the Puyallup Tribe of Indians, HRA recommends that consultation may be required to accurately assess the property's eligibility.

Physical description:

According to the Pierce County Assessor, the bar and restaurant at 7403 Pacific Highway E was constructed in 1975. A detached building was added to the north between 1985 and 1995, according to aerial photographs, and is a drive-thru smoke shop (Pierce County 2023; Pierce County Assessor 2023). Due to its young age, it was not recorded. The original 1975 commercial building faces north and is generally rectangular in plan. It sits on a poured-concrete foundation, and its facade features multiple treatments. On the east end, it is clad in recently applied plywood sheets surrounding an aluminum central entry with paired glazed doors. On the west end, it is clad in lapped wood boards. The building is topped by a hipped, asphalt shingle roof and signs for "Baby Zacks Smoke Shop" on the east end and a Western false front with projecting shed roof on the west end. Between the two storefronts is a recessed secondary entry door set back from the facade. The western end of the facade includes a shed roof over a projection with sliding window, and a second false front over a garage bay on the northwest corner. The building's east elevation faces Pacific Highway E with a row of 11 square windows. The west elevation is clad in shingle siding and includes a sealed opening. An eave of corrugated metal projects over the west elevation. The building's south elevation is minimally visible behind privacy fencing but includes no visible fenestration.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

NETROnline
2023 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed January 27, 2023.

Pierce County
2023 Pierce County Public GIS. Aerial photographs, 1945–2019. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis/, accessed January 27, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Tacoma Public Library
2023 Tacoma-Pierce County Building Index: 2620 E G St. Electronic document, https://cdm17061.contentdm.oclc.org/digital/collection/p17061coll1/id/152915/rec/5, accessed January 18, 2023.

Historic Property Report

Resource Name: Commercial Building

Property ID: 153534

Location

Address:	406 PORTER WAY, MILTON, WA
Tax No/Parcel No:	5990200241
Plat/Block/Lot:	Section 05 Township 20 Range 04 Quarter 24 MILTON
Geographic Areas:	Pierce County, POVERTY BAY Quadrangle, Pierce County, T20R04E05, POVERTY BAY Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1955	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 153534

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00083, , Assessors Data Project: Pierce County 6	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	6/29/2020	Survey/Inventory	

Photos

406 Porter Way, view northeast

406 Porter Way, view northwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 153534

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 5990200241

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Physical description: The building at 406 Porter Way, Milton, is located in Pierce County. According to the county assessor, the structure was built in 1955 and has a commercial professional use. Also according to the county assessor, the structure was remodeled in 1990. The 2-story, platform frame building has a roof clad in an unknown material. The walls of the commercial form are clad principally in an unknown material.

Historic Property Report

Resource Name: Commercial Building

Property ID: 153534

Inventory Details - 6/29/2020

Common name:

Date recorded: 6/29/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - T 1-11
Cladding	Stucco
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1955), the commercial building at 406 Porter Way retains integrity of location, although alterations, including window replacement, altered fenestration, and partial recladding, have diminished its integrity of design, materials, workmanship, feeling, and association. Additionally, when constructed, this building was the only building on the north side of Porter Way. New construction on adjacent parcels, now associated with 406 Porter Way, have diminished the building's integrity of setting.

Evaluation

The commercial building at 406 Porter Way was constructed in 1955 and is currently occupied by Cannon Companies. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a commercial building, featuring few historic-period characteristics apart from its massing and sharp roofline (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc recommends that the commercial building at 406 Porter Way is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 406 Porter Way was constructed in 1955 (Pierce County Assessor 2020). The rectangular, two-story building faces south towards Porter Way. The building sits on a poured-concrete foundation, is clad in T1-11 and stucco, and is topped by a side-gabled roof clad in asphalt shingles. The main entrance faces south under the wide eave and the door has been replaced. Windows are vinyl-clad in altered fenestration. There are secondary entrances on the east and west elevations accessible by exterior staircases. The north elevation is not visible from the right-of-way.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January31, 2020.

Meador, Karen. 2014. Military Road: A Lasting Legacy. Pamphlet in the Civil War History in Washington Territory series. Published by 4 Culture King County and United Daughters of the Confederacy.

NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Milton Tavern

Property ID: 721379

Location

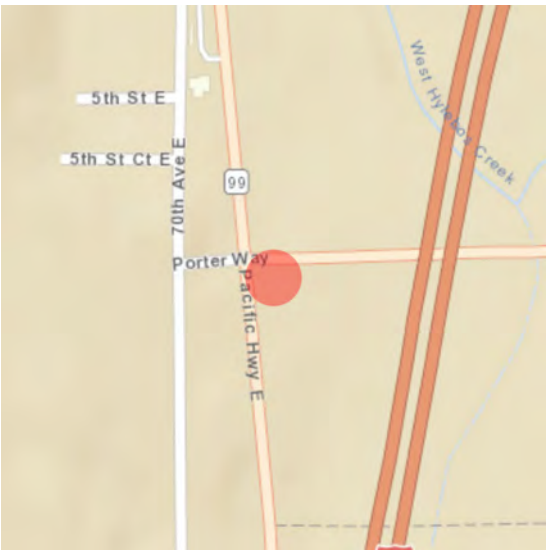

Address: 7320 Pacific Hwy E, Milton, Washington, 98354

Tax No/Parcel No: 420052046

Geographic Areas: Pierce County, POVERTY BAY Quadrangle, T20R04E05

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1935	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Single Family House
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Milton Tavern

Property ID: 721379

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Milton Tavern

Property ID: 721379

Photos

7320 Pacific Highway E

7320_PACIFIC_HWY_E_MILTON (1).jpg

7320_PACIFIC_HWY_E_MILTON (2).jpg

7320 Pacific Highway E

Historic Property Report

Resource Name: Milton Tavern

Property ID: 721379

Inventory Details - 3/4/2020

Common name:	Milton Lodge
Date recorded:	3/4/2020
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Cladding	Stucco
Cladding	Wood - Shingle
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Structural System	Wood - Platform Frame
Form Type	Commercial

Styles:

Period	Style Details
Modern Movement	Roadside
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1935), the commercial building at 7320 Pacific Highway E retains integrity of location and setting, although substantial alterations, including recladding, window replacement, altered fenestration, and additions, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Milton Lodge at 7320 Pacific Highway E was constructed in 1935 and appears in undated historic photos as the Milton Tavern. The building was likely designed, sited, and then converted to various commercial uses because of its visibility and proximity to the popular Pacific Highway transportation corridor. The building is associated with the development of the Pacific Highway and with the nation's growing car culture and is significant for its association with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). Based on its massing, it appears that the building may have been constructed as a residence or as a mixed used building before being converted to commercial use. Integrity loss and the replacement of historic fabric has obscured its original architectural style, and the building is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to integrity loss, Historical Research Associates recommends that the Milton Lodge at 7320 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the bar and restaurant at 7320 Pacific Highway E, known as the Milton Lodge Bar and Grill, was constructed in 1935 (Pierce County Assessor 2020). The two-story, rectangular building was originally constructed as a single-family residence but has been converted into a bar and restaurant. The Milton Lodge opened in 2018, but for 30 years before that it was known as the Milton Tavern (Kidd 2018). The building currently faces south, though the main entrance was likely originally west facing. The building sits on a poured-concrete foundation and is clad primarily in wood clapboard and stucco with wood shingles on the dormers. It is topped with a cross-gabled asphalt roof. There are vinyl-framed windows in altered fenestration. The current entrance is noted by a gabled entry porch at the southwest corner. A second-story entrance was added on the south side with exterior stairs. There are two additions at the southeast corner, and the basement has been converted with vehicular access at the northeast corner.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

Kidd, Sue. 2018 "Here's what the new bar in Milton will be like. It's opening where the Milton Tavern was." The New Tribune. July 30, 2018. Electronic document, https://www.thenewstribune.com/entertainment/restaurants/tnt-diner/article215767510.html, accessed February 26, 2020.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Commercial Building

Property ID: 722331

Location

Address: 405 Porter Way, Milton, Washington, 98354

Tax No/Parcel No: 5990200400

Geographic Areas: POVERTY BAY Quadrangle, Pierce County, T20R04E05

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1971	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 722331

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 722331

Photos

405B Porter Way, view southwest

405B Porter Way main entrance, view southwest

405B Porter Way, view northwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 722331

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Gable - Side
Roof Material	Metal
Cladding	Metal - Corrugated
Cladding	Stone
Structural System	Metal - Steel
Plan	Rectangle

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1971), the commercial building at 405B Porter Way retains integrity of location and setting, although alterations, including window replacement, altered fenestration, recladding, and an addition, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 405B Porter Way was constructed in 1971. It is unclear who originally constructed the building, but it is currently occupied by Tacoma Hydraulics, Inc. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial warehouse and is not likely to be eligible for listing in the National Register of Historic Places (NRHP) for its architectural or engineering character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc recommends that the commercial building at 405B Porter Way is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 405B Porter Way was constructed in 1971 and has a ca. 1985 western addition (Pierce County Assessor 2020). The rectangular, two-story building faces east towards 4th Avenue. The building sits on a poured-concrete foundation, is clad in corrugated metal with stone veneer at the entrance, and is topped by a shallow side-gabled metal roof. The main entrance faces east and is noted by a stone veneer and canvas awning with metal supports. A secondary entrance is on the north elevation and accessible by a set of exterior stars. To the right of this secondary entrance is a garage bay under a canvas awning. The south elevation features a garage bay entrance under a metal awning. The west elevation is not visible from the right-of-way.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October10, 2019.

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NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Residence

Property ID: 721387

Location

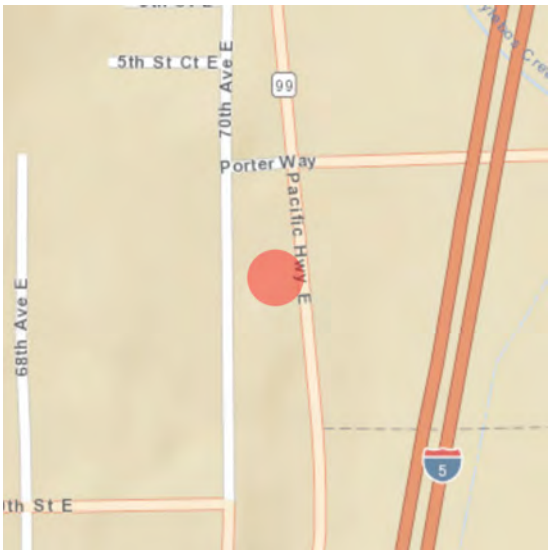

Address: 7303 Pacific Hwy E, Milton, Washington, 98354

Tax No/Parcel No: 420052009

Geographic Areas: POVERTY BAY Quadrangle, Pierce County, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1945	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721387

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721387

Photos

7303 Pacific Highway E, view southwest

7303 Pacific Highway E, view east

Historic Property Report

Resource Name: Residence

Property ID: 721387

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Vinyl Siding
Cladding	Wood - Vertical Boards
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Plan	Rectangle
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (circa 1945), the residence at 7303 Pacific Highway E retains integrity of location and setting, although alterations including recladding, window replacement, additions, and altered fenestration have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 7303 Pacific Highway E was constructed in circa 1945. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a common post-World War II residence, vernacular in character and altered from its original plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 7303 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-story residence atop a daylight basement at 7303 Pacific Highway E was constructed in 1936 (Pierce County Assessor 2020). However, this appears to be in error, as a review of historic aerial photographs shows that the building was constructed between 1940 and 1964 (NETROnline 2020). Based on its massing, pediment over the entry, and minimal eaves, the house was likely constructed circa 1945 and greatly altered. The rectangular residence faces north, though it originally faced west toward 70th Avenue E. The building is mostly obscured from the ROW by heavy vegetation. The building is clad in vertical boards on the east side, and what appears to by vinyl siding elsewhere. It is topped with a side-gabled asphalt roof and features vinyl-framed windows in altered fenestration. The original porch sits under a crossing gable on the west side, but it has been enclosed. The current main entrance is on the north side under a small gabled projection.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721069

Location

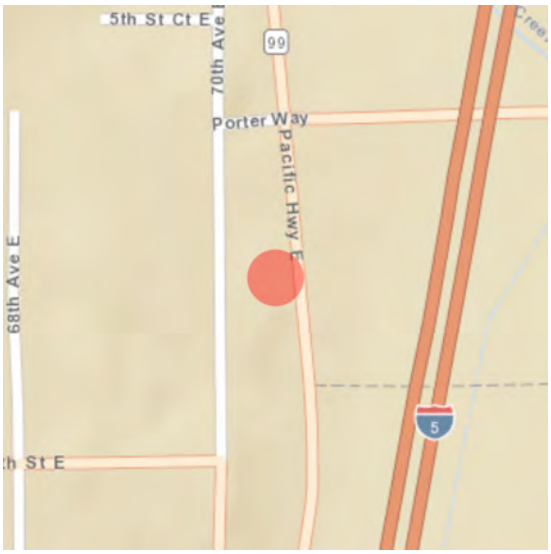

Address: 805 70th Ave E, Milton, Washington, 98354

Geographic Areas: Pierce County, T20R04E05, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑
Addition	2005	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721069

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721069

Photos

805 70th Avenue E, view east.jpg

805 70th Avenue E, view northeast.jpg

Historic Property Report

Resource Name: Residence

Property ID: 721069

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Vinyl Siding
Foundation	Concrete - Poured
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1940), the residence at 805 70th Avenue E retains integrity of location, although its setting has been altered by screening from Pacific Highway, and an addition and alterations including siding and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The building at 805 70th Avenue E was constructed in 1940. Although its facade is not visible from the public ROW, the building appears to be an altered example of a Minimal Traditional residence. The building may have been sited in proximity to the Pacific Highway, a popular transportation route in the 1920s, during a period of development in the region. It no longer retains a view of the highway and is not known, based on a review of historic maps and local histories, to have any other associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Minimal Traditional residence, a common type (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 805 70th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 805 70th Avenue E was constructed in 1940. The building is rectangular and side-gabled, with an addition dating from 2005 on the south end (Pierce County Assessor 2020). While the building was constructed to face east toward the Pacific Highway, it has been entirely screened from the highway by mature foliage and is addressed off 70th Avenue E to the west. The building's foundation is not clearly visible, but the building is clad in vinyl siding with a combination of aluminum- and vinyl-framed windows on the visible rear elevation. A small covered deck has been added to the west elevation, and the addition includes vinyl-framed French doors facing west. Outbuildings include a shed-style carport and storage shed.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721389

Location

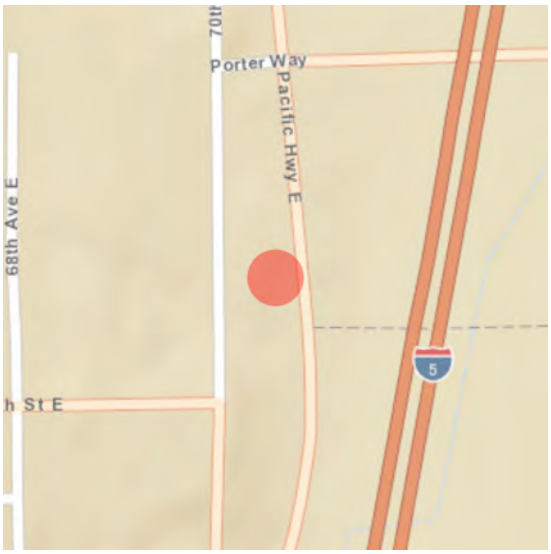

Address:	817 70th Ave E, Milton, Washington, 98354
Tax No/Parcel No:	420053042
Geographic Areas:	PUYALLUP Quadrangle, T20R04E05, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721389

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

817 70th Avenue E, view east

817 70th Avenue E, view southeast

Historic Property Report

Resource Name: Residence

Property ID: 721389

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Vinyl Siding
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Cross Gable
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1900), the residence and garage at 817 70th Avenue E retain integrity of location and setting, although additions and alterations, including recladding, window replacement, altered fenestration, and an enclosed front porch, have diminished the integrity of design, materials, workmanship, feeling, and association.

Evaluation

According to the Pierce County Assessor, the residence at 817 70th Avenue E was constructed in 1900, although this appears to be in error as the building does not resemble, in plan or massing, a residence of that era. A review of historic-period aerials does show a residence in this location as early as 1940, suggesting that the building may have been either enlarged or rebuilt on the site of an early-twentieth century residence (NETROnline 2020). The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered vernacular building with few distinctive characteristics from the historic period (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and garage at 817 70th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 817 70th Avenue E was constructed in 1900 (Pierce County Assessor 2020). The one-story, rectangular residence faces west toward 70th Avenue E with a deep setback. The building is mostly obscured from the ROW. The building sits on a foundation of unknown material, is clad in vinyl siding, and is topped by a cross-gabled asphalt roof. Visible windows are vinyl framed in altered fenestration. The original porch sits under a crossing gable on the west side, but it has been enclosed. The main entrance has been moved to the northwest corner of this enclosed portion and sits under a small gabled projection. There is a large, detached garage of concrete block west of the main house that is clad in vinyl siding and topped with an asymmetrical, gabled, asphalt roof.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721391

Location

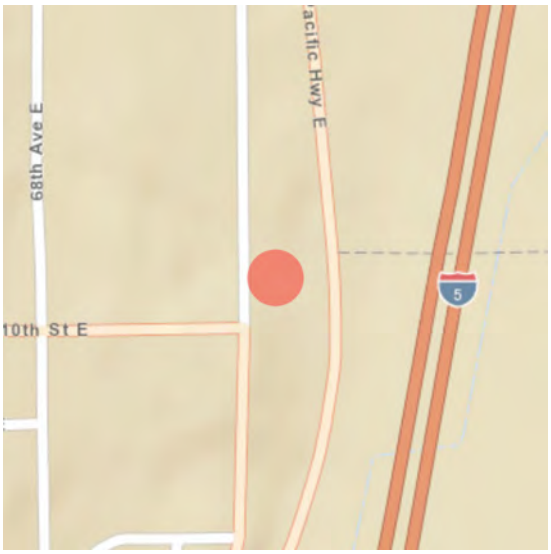

Address:	911 70th Ave E, Milton, Washington, 98354
Tax No/Parcel No:	420053078
Geographic Areas:	PUYALLUP Quadrangle, T20R04E05, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1936	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721391

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721391

Photos

911 70th Avenue E, 1900 building

911 70th Avenue E, both buildings

911 70th Avenue E, both buildings

911 70th Avenue E, 1936 building

Historic Property Report

Resource Name: Residence

Property ID: 721391

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Cladding	Vinyl Siding
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Side Gable
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1936), the primary residence at 911 70th Avenue E retains integrity of location and setting, although alterations, including recladding, window replacement, altered fenestration, and new construction on the parcel have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residences at 911 70th Avenue E was likely constructed ca. 1936, based on its form and minimal eaves. The building and its associated garage, converted to additional living space, do not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the buildings held a strong association with the lives of significant persons (Criterion B). The buildings are examples of altered vernacular buildings with few distinctive characteristics from the historic period, apart from their massing (Criterion C). They do not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the buildings were constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residences at 911 70th Avenue E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the parcel at 911 70th Avenue E contains two buildings, a residence constructed in 1900 and another constructed in 1936 (Pierce County Assessor 2020). This appears to be in error as the primary building on the parcel appears to date to 1936 and the additional building appears to be an altered garage expanded during the mid-twentieth century. Today, the two buildings serve as separate rental dwellings on the same parcel. The primary residence is a single-story, rectangular building on the east side of the parcel that faces south. It sits on poured-concrete foundation, is clad in T1-11 with vinyl under the gables, and is topped by a side-gabled asphalt roof. The converted garage sits on the west side of the parcel facing west. According to the Pierce County Assessor, the building is one-story tall atop a basement. It is built into a hillside. This building sits on a concrete-block foundation, is clad in T1-11, and is topped by a flat, built-up roof. Both buildings have vinyl-framed windows in altered fenestration. A detached storage shed is located to the south.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Historic Property Report

Historic Name: Residence

Property ID: 721081

Location

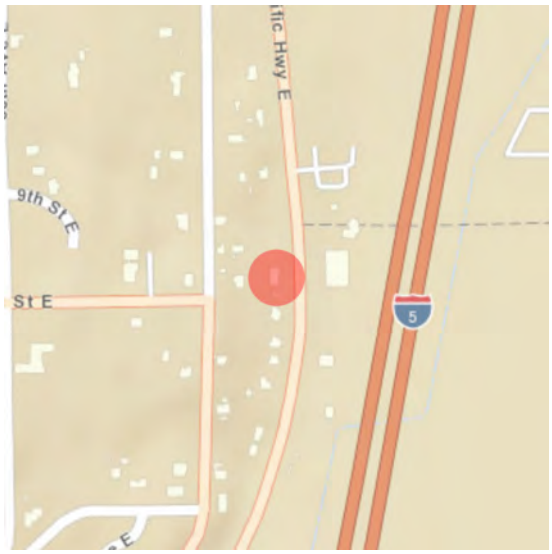

Address: 913 70th Ave E, Milton, Washington, 98354

Geographic Areas: Pierce County, T20R04E05, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑
Remodel	2000	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Residence

Property ID: 721081

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Residence

Property ID: 721081

Photos

913 70th Avenue E, view northwest.jpg

imageView.jpg

913 70th Avenue E, view northwest

Historic Property Report

Historic Name: Residence

Property ID: 721081

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Roof Material	Metal - Corrugated
Plan	Rectangle
Roof Type	Gable
Form Type	Single Dwelling
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Significance narrative: The residence at 913 70th Avenue E was not visible from the public right-of-way, and surveyors have not yet been granted access. DAHP has, until recently, requested that inaccessible resources be presumed National Register-eligible for the sake of project reviews under state and federal regulations, except in limited instances when desktop review is sufficient to reach a conclusion. What follows is a preliminary recommendation based on available data acquired through a desktop review. Survey results, conclusions, and recommendations can be updated if and when surveyors are granted access to the subject parcel.

Integrity
Limited access and visibility made integrity assessment difficult. From its period of construction (1948), the residence at 913 70th Avenue E appears to retain integrity of location and setting, although changes in materials, visible from aerial photos, and the addition of privacy fencing that screens the resource from view may have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation
The residence at 913 70th Avenue E was constructed in 1948, the same year as neighboring residences facing Pacific Highway E, although this example is addressed off 70th Avenue E to the west. While the building may have been sited in proximity to the Pacific Highway, it has been entirely screened from public view and does not maintain any relationship with the highway. It is not known, based on a review of historic maps and local histories, to have any other associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building appears, from limited visibility, to be an example of a modest, recently renovated, mid-century residence with diminished integrity (Criterion C). The building is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, based on its period of construction, the building was likely constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The residence at 913 70th Avenue E cannot be adequately assessed due to limited access and visibility. In coordination with the project team and state regulators, HRA recommends the resource not eligible for listing in the NRHP under any criteria until on-site research can be conducted.

Physical description: According to the Pierce County Assessor, the primary building at 913 70th Avenue E was constructed in 1948 and remodeled in 2000 (Pierce County Assessor 2020). The building is not visible from the public ROW due to privacy fencing. Aerial photographs reveal the building is small and rectangular in plan, with a corrugated-metal roof with shallow gable. It appears to have a porch with shed roof facing west.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 721066

Location

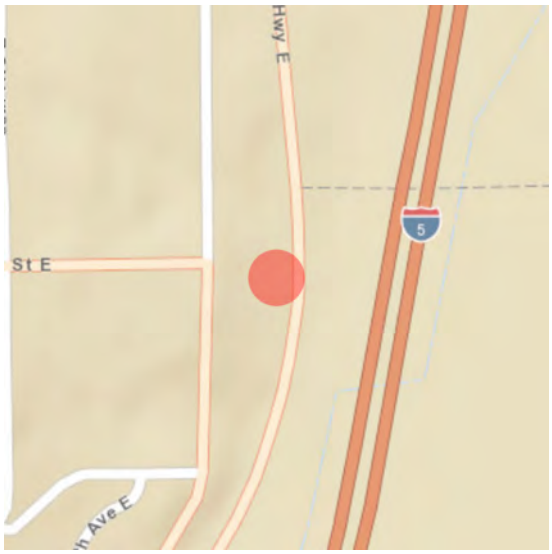

Address: 7127 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: PUYALLUP Quadrangle, T20R04E05, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1926	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721066

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Photos

7127 Pacific Highway E, view west.jpg

7127 Pacific Highway E, view west

Historic Property Report

Resource Name: Residence

Property ID: 721066

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Roof Type	Gable - Side
Form Type	Single Dwelling
Roof Material	Asphalt/Composition - Shingle
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman
Mid-Late 19th and Early 20th Century Revivals	Colonial Revival

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1926), the residence at 7127 Pacific Highway E retains integrity of location and setting, although alterations and additions including siding replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The bungalow at 7127 Pacific Highway E was constructed in 1926. The building may have been sited in proximity to the Pacific Highway, a popular transportation route in the 1920 s, during a period of development in the region. It is not known, based on a review of historic maps and local histories, to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered bungalow with some characteristics associated with both the Colonial Revival and Craftsman styles (Criterion C). The building does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 7127 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family Craftsman/Colonial Revival residence at 7127 Pacific Highway E was constructed in 1926 (Pierce County Assessor 2020). The side-gabled bungalow faces east toward Pacific Highway E. It sits on a poured-concrete foundation, is clad in fiber-cement boards, and is topped by an asphalt-shingle roof. The building is raised atop a daylight basement or former garage clad in T1-11 with a pedestrian door. Retaining walls of poured concrete and manufactured stone define an uncovered parking area. Stairs north of the house lead to a projecting front porch with wood railing along the facade. Below the porch, lattice screens much of the daylight basement. The building has the projecting central entry and bilateral symmetry typical of Colonial Revival residences, evident in the central entry door, flanked by two wood-framed picture windows with aluminum storm windows with shutters. The entry shelters under a projecting awning supported by square posts and topped by a clipped gable. The awning includes large brackets. The building's north elevation includes an addition, set back from the primary mass, with a secondary entry door and small covered porch. A concrete stair with fencing provides pedestrian access from the sidewalk to the building's north end.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 721067

Location

Address: 7121 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: T20R04E05, Pierce County, PUYALLUP Quadrangle

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1928	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721067

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Photos

7121 Pacific Highway E, view west.jpg

7121 Pacific Highway E, view west.JPG

Historic Property Report

Resource Name: Residence

Property ID: 721067

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Bungalow
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Vertical Boards
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1928), the residence at 7121 Pacific Highway E retains integrity of location and setting, although alterations and additions including siding replacement and alterations to the front porch have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The bungalow at 7121 Pacific Highway E was constructed in 1928 but has been altered. The building may have been sited in proximity to the Pacific Highway, a popular transportation route in the 1920s, during a period of development in the region. Based on a review of historic maps and local histories, it is not known to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered bungalow with some characteristics associated with both the Colonial Revival and Craftsman styles (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 7121 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family Craftsman/Colonial Revival residence at 7121 Pacific Highway E was constructed in 1928 (Pierce County Assessor 2020). The side-gabled bungalow faces east toward Pacific Highway E. It sits on a poured-concrete foundation, is clad in T1-11 or vertical boards, and is topped by an asphalt-shingled roof. The building is raised atop a daylight basement or former garage with a pedestrian door. This level is almost entirely screened by an added privacy wall of T1-11 that also encloses the porch on the main level. Retaining walls of poured concrete and stone define an uncovered parking area. Stairs north of the house lead to the projecting front porch along the facade. The building has the projecting central entry and bilateral symmetry typical of Colonial Revival residences, evident in the central entry door, flanked by two three-part, wood-framed windows. The entry shelters under a projecting awning supported by square posts and topped by a clipped gable. The awning includes large brackets. The building's north elevation includes a projection, set back from the primary mass, with a secondary entry door and small porch under a projecting awning. A concrete stair with fencing provides pedestrian access from the sidewalk to the building's north end.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

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Historic Property Report

Resource Name: Residence

Property ID: 721077

Location

Address: 7119 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1944	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721077

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

7119 Pacific Highway E, view west.jpg

7119 Pacific Highway E, view northwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 721077

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Single Dwelling - Bungalow
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Clapboard
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1944), the residence at 7119 Pacific Highway E retains integrity of location and setting, although alterations to its basement level and some window replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 7119 Pacific Highway E was constructed in 1944 and was likely sited for its proximity to the Pacific Highway, a popular transportation route, during a period of development in the region. Based on a review of historic maps and local histories, it is not known to hold any specific associations with events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest bungalow, vernacular in type, featuring few characteristics from its period of construction apart from its massing (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 7119 Pacific Highway E is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 7119 Pacific Highway E was constructed in 1944 (Pierce County Assessor 2020). The building is an L-shaped Minimal Traditional residence facing east toward Pacific Highway E. It sits on a concrete-block foundation, is clad in lapped wood boards, and is topped by a side-gabled roof with front-facing gabled projection. The building sits atop a daylight basement that may have been a garage at one point, although it now features vinyl-framed French doors. The basement is visible below a deck projecting off the main floor and is partially obscured by lattice. Walls and stairs of concrete define a flat parking area and provide access up the hill to the building's entry. A bamboo gate blocks the entry, but it appears that the stair approaches the house and deck from the north and that the deck with wood and lattice railing wraps the projecting gabled mass. The primary entry door is not visible, but the facade includes vinyl-framed sliding windows and a large picture window with applied grid on the gabled projection.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Historic Name: Residence

Property ID: 721779

Location

Address: 1015 70th Ave E, Milton, Washington, 98354

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1938	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Residence

Property ID: 721779

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Determined Eligible	Maureen Elenga, 6/13/2024

Historic Property Report

Historic Name: Residence

Property ID: 721779

Photos

1015 70th Ave E, view northeast

1015 70th Ave E, view northeast

1015 70th Ave E, view east

1015 70th Ave E, view southeast

Historic Property Report

Historic Name: Residence

Property ID: 721779

Inventory Details - 4/20/2020

Common name:	
Date recorded:	4/20/2020
Field Recorder:	Chrisanne Beckner
Field Site number:	
SHPO Determination	Intact example of Minimal Traditional style

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	Cape Cod

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1938), the residence at 1015 70th Avenue E retains integrity of location, design, materials, workmanship, feeling, and association. However, the addition of an incompatible garage that blocks half the building's facade from view has diminished its integrity of setting.

Evaluation

The residence at 1015 70th Avenue E was constructed in 1938. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest single-family residence with few character-defining features apart from its Cape Cod plan. It does not possess the symmetrical window pattern typical of the Cape Cod type. While the building is a recognizable example of the Cape Cod revival, it lacks the distinctive characteristics of a particular type, period, or method of construction (Criterion C). It does not or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity of setting, Historical Research Associates recommends that the residence at 1015 70th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 1015 70th Avenue E was built in 1938 (Pierce County Assessor 2020). The building fronts west and has a detached garage directly west of the main building. The one-story, rectangular residence sits on a poured-concrete foundation with a daylight basement, is clad in horizontal wood siding, and topped by a side-gabled asphalt roof. The central entrance is elevated on the west facade and topped by a projecting gabled awning with internal arch, supported by simple turned posts. The windows on primary and secondary elevations are wood-framed, multi-light windows either double-hung or fixed. The detached one-story, rectangular garage sits between the residence and the roadway on a poured-concrete foundation, is clad in horizontal wood siding, and is topped by a front-gabled asphalt roof.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721078

Location

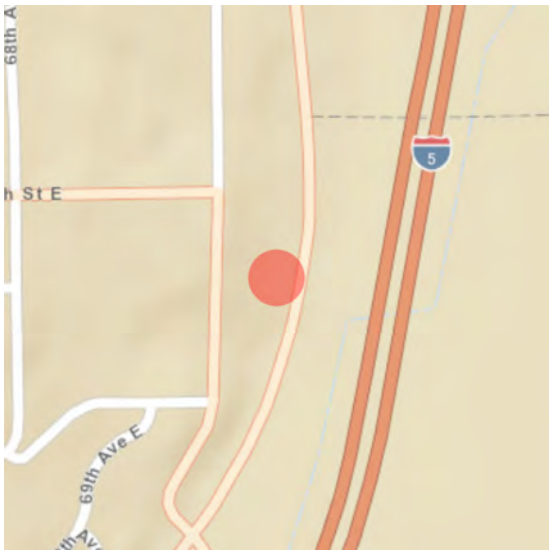

Address: 7115 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: PUYALLUP Quadrangle, T20R04E05, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑
Addition	1966	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721078

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

7115 Pacific Highway E, view west.JPG

7115 Pacific Highway W, view west.JPG

Historic Property Report

Resource Name: Residence

Property ID: 721078

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Cladding	Wood - Clapboard
Roof Type	Gable - Cross
Form Type	Single Dwelling - Cross Gable
Roof Material	Asphalt/Composition - Shingle
Foundation	Concrete - Poured
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), the residence at 7115 Pacific Highway E appears to retain integrity of location, setting, design, materials, workmanship, feeling, and association.

Evaluation

The residence at 7115 Pacific Highway E was constructed in 1948 and may have been sited in proximity to the Pacific Highway, a popular transportation route in the 1940s, during a period of development in the region. It is not known to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest bungalow with some elements of the Craftsman style, visible in the deep eaves, brackets, and projecting gables, all elements more typically applied to Craftsman-style buildings from earlier periods of the twentieth century (Criterion C). In spite of these modest architectural details, the building does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc. recommends that the residence at 7115 Pacific Highway E is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 7115 Pacific Highway E was constructed in 1948 (Pierce County Assessor 2020). The building features an L-shaped, single-story plan above a daylight basement, although the basement level is obscured by fencing and mature foliage. The building sits on a poured-concrete or concrete-block foundation, is clad in clapboards, and is topped by a cross-gabled, asphalt roof. The building's facade includes a projecting gable with an additional gabled projection over the entry and stoop. Wood railing and posts support the gabled awning over the entry. To the north of the entry is a three-part window that appears to be wood framed with aluminum storm windows. One-over-one windows appear on the northern wing as well. Knee braces and brackets appear under the eaves. A secondary building is located to the rear. It dates to 1966, according to the Assessor, and appears to be a simple, side-gabled outbuilding, possibly a detached garage.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 721394

Location

Address:	1103 70th Ave E, Milton, Washington, 98354
Tax No/Parcel No:	420053034
Geographic Areas:	Pierce County, T20R04E05, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721394

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

1103 70th Avenue E, view northeast

1103 70th Avenue E, view southeast

Historic Property Report

Resource Name: Residence

Property ID: 721394

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Vinyl Siding
Roof Type	Gable - Cross
Roof Type	Shed
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Side Gable
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1940), the residence and detached garage at 1103 70th Avenue E retain integrity of location and setting, although alterations including recladding, window replacement, altered fenestration, and an addition, have diminished the primary building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1103 70th Avenue E was constructed in 1940. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Minimal Traditional residence with few distinctive characteristics from the historic period apart from its massing and minimal eaves (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and detached garage at 1103 70th Avenue E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 1103 70th Avenue E was constructed in 1940 (Pierce County Assessor 2020). The one-story, rectangular residence atop a daylight basement faces west toward 70th Avenue E and features a small entry porch under a projecting gable on the facade. The building sits on a poured-concrete foundation, is clad in vinyl siding, and is topped by a cross-gabled asphalt roof with a flat roofed projecting addition to the rear. The windows are vinyl framed in altered fenestration. There is a detached garage just north of the house that sits on a poured-concrete foundation, is clad in vinyl siding, and is topped by a flat built-up roof. A small detached, wooden garage with a shed roof is located south of the house.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Historic Property Report

Resource Name: Residence

Property ID: 721084

Location

Address: 7109 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: T20R04E05, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1958	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721084

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

7109 Pacific Highway E, view north.JPG

7109 Pacific Highway E, view northwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 721084

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Single Dwelling
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Clapboard
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1958), the residence at 7109 Pacific Highway E retains integrity of location and setting, although alterations and additions including window replacement and added brackets have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 7109 Pacific Highway E was constructed in 1958 and is part of a series of homes sited along Pacific Highway to the east. While the building was constructed in close proximity to the popular highway route, it does not appear, based on a review of historic maps and local histories, to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest raised Ranch house with some elements of the Minimal Traditional evident in its massing, and some incompatible features, including added brackets under the eaves that borrow from earlier architectural styles and obscure the building's original character (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 7109 Pacific Highway E is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 7109 Pacific Highway E was constructed in 1958 (Pierce County Assessor 2020). The residence faces east toward Pacific Highway E. The building is a single story atop a daylight basement. It sits on a concrete-block foundation, is clad in clapboards, and is topped by a cross-gabled, asphalt-shingled roof. The building’s facade includes a raised stair to an off-center entry, flanked north and south by three-part and vinyl-framed sliding windows. The stoop, with decorative concrete block, shelters under a projecting gable clad in shingles with applied brackets in the minimal eave. A secondary projection is located above the subterranean, single-bay garage, accessible from Pacific Highway E. The garage is fronted by a parking pad, flanked by concrete and concrete block retaining walls.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721080

Location

Address: 7111 Pacific Hwy E, Milton, Washington, 98354

Geographic Areas: T20R04E05, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721080

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721080

Photos

7111 Pacific Highway E, view west.jpg

7111 Pacific Highway E, view west, view west.JPG

Historic Property Report

Resource Name: Residence

Property ID: 721080

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Asbestos - Shingles
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling - Side Gable
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), the residence at 7111 Pacific Highway E retains integrity of location and setting, although alterations and additions including incompatible window and siding replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 7111 Pacific Highway E was constructed in 1948 as a modest example of a Minimal Traditional home with elements of the Colonial Revival style visible at the entry, topped by a vaulted portico with eave returns. The building was likely sited in proximity to the Pacific Highway, a popular transportation route, although there is no drive connecting the residence to the highway. The parcel is accessed from the rear. The building does not appear, based on a review of historic maps and local histories, to hold any associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest Minimal Traditional or Colonial Revival-inspired residence but retains few features from its period of construction as it has been re-clad, its windows have been replaced, and it may have been enlarged or enclosed on the north end where the facade's symmetry is broken by a large picture window, suggesting a history of alteration (Criterion C). The building does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 7111 Pacific Highway E is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 7111 Pacific Highway E was constructed in 1948 (Pierce County Assessor 2020). The rectangular, side-gabled building faces east toward Pacific Highway E. It sits on a poured-concrete foundation, is clad in synthetic shingles, and is topped by an asphalt roof. The building's facade includes an off-center entry door with a concrete stair and stoop under an arched awning supported by simple round posts and wood railing. The building's entry is flanked north and south by paired vinyl-framed windows. To the north is a large picture window. The building's asymmetrical plan, its varied window types, and its lack of garage suggest that the building's north end may have been converted to living space or added on. The building's side elevations also include paired and singular, one-over-one, vinyl-framed windows. A detached shed is located to the building's rear.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 721395

Location

Address: 1119 70th Ave E, Milton, Washington, 98354

Tax No/Parcel No: 420053053

Geographic Areas: Pierce County, T20R04E05, PUYALLUP Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1930	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721395

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721395

Photos

1119 70th Avenue E, view east

1119 70th Avenue E, view southeast

Historic Property Report

Resource Name: Residence

Property ID: 721395

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Cladding	Wood - T 1-11
Cladding	Vinyl Siding
Roof Type	Gable - Gable-on-Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Side Gable
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1930), the residence at 1119 70th Avenue E retains integrity of location and setting, although alterations, including recladding, window replacement, altered fenestration, and additions, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1119 70th Avenue E was constructed in 1930. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered vernacular building with few distinctive characteristics from the historic period. Its original plan has been extensively altered by large additions (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 1119 70th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two-story, irregularly shaped residence at 1119 70th Avenue E was constructed in 1930 and sits atop a basement (Pierce County Assessor 2020). The residence faces west toward 70th Avenue E. It sits on a poured-concrete foundation, is clad in fiber cement board, T1-11, and vinyl siding, and is topped by a gable-on-hip asphalt roof. The facade features an entry porch under a projecting, hipped porch roof that extends across two southeast corner additions, as well as a carport and added garage at the northwest corner. The windows are metal framed in altered fenestration. The southern part of the porch has been enclosed.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 721086

Location

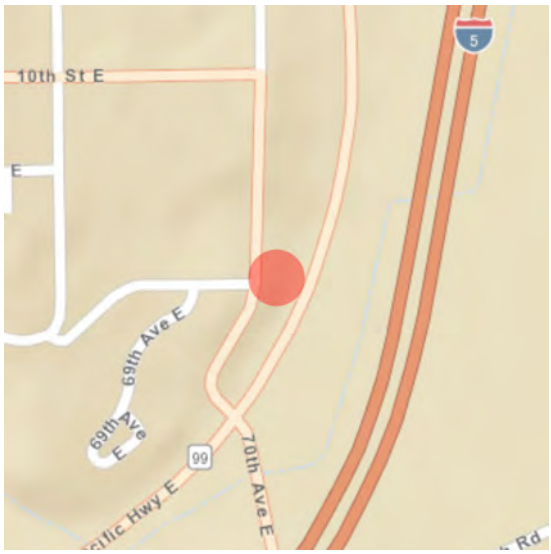

Address: 1123 70th Ave E, Milton, Washington, 98354

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E05

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721086

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721086

Photos

1123 70th Ave. E, view northeast

1123 70th Ave. E, view east

Historic Property Report

Resource Name: Residence

Property ID: 721086

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Single Dwelling - Ranch
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Vertical Boards
Cladding	Brick
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1960), the residence at 1123 70th Avenue E retains integrity of location and setting, although alterations including window replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1123 70th Avenue E was constructed in 1960. It does not appear, based on a review of historic maps and local histories, to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Ranch house, featuring the horizontal emphasis and mix of material on the facade typical of the era, although extensive window replacement and alterations at the entry have obscured its historic-period character (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of evident significance and integrity, Historical Research Associates, Inc. recommends that the residence at 1123 70th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 1123 70th Avenue E was constructed in 1960 (Pierce County Assessor 2020). The Ranch house faces west toward 70th Avenue E. The building sits on a concrete-block foundation, is clad in a combination of roman brick veneer and vertical boards, and is topped by a shallow hipped roof. The building's wide facade includes a stepped back, single-bay garage on the south end. The primary mass features a central recessed entry door with a stoop, flanked north and south by vinyl-framed sliding windows. A brick planter box is located north of the entry. Secondary elevations are minimally visible, but the rear of the building faces toward Pacific Highway. The elevation includes vinyl-framed windows and a sliding door to a wood balcony off the second floor.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Roadway Bridge

Property ID: 722333

Location

Address: 67th Ave E, Tacoma, Washington, 98424

Geographic Areas: T20R04E06, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Transportation	Transportation - Road-Related (vehicular)
Transportation	Transportation - Road-Related (vehicular)

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Roadway Bridge

Property ID: 722333

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

Bridge over Hylebos Creek, view northwest

Bridge over Hylebos Creek, view north

Historic Property Report

Resource Name: Roadway Bridge

Property ID: 722333

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Masonry - Precast Concrete
Plan	Rectangle

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1961), the 67th Avenue E Bridge over Hylebos Creek retains integrity of location, design, materials, and workmanship. Alterations including the demolition of residential development along 67th Avenue E and repaving have diminished the bridge's integrity of setting, feeling, and association.
Evaluation
The 67th Avenue E Bridge over Hylebos Creek was constructed in 1961. The bridge does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the bridge held a strong association with the lives of significant persons (Criterion B). The bridge is a common post-World War II concrete slab bridge and is not likely eligible for listing in the National Register of Historic Places (NRHP) due for its architectural or engineering character (Criterion C). It does not embody the distinctive characteristics of its particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the bridge was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).
Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the 67th Avenue E Bridge over Hylebos Creek is not eligible for listing in the NRHP under any criteria.

Physical description: Based on a review of historic aerials, the bridge over Hylebos Creek along 67th Avenue E was constructed ca. 1960 as part of the platted addition to the Buck's residential development (Pierce County 2020; NETROnline 2020). The bridge was originally located towards the north end of the 67th Avenue E cul-de-sac directly north of Pacific Highway E; however, the roadway has been partially removed and associated residential buildings along 67th Avenue E and the cul-de-sac demolished. Due to roadblocks associated with construction activities, the bridge is not visible from the right-of-way. However, a review of Pierce County Assessor's data, as well as aerials and other online sources, made a desktop evaluation possible. Aerials indicate that the roadway bridge is a simple concrete slab bridge with low concrete railings.

Bibliography:

Givens, Linda. 2017. Federal Way 320th Library, King County Library System. HistoryLink.org essay 20376. Electronic document: https://www.historylink.org/File/20376, accessed May 28, 2020.

Historical Society of Federal Way. 2015. Historical Society of Federal Way Timeline. Prepared for 4Culture and the City of Federal Way. Electronic document, http://www.federalwayhistory.org/federal-way-timeline.php, accessed October10, 2019.

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2020 eReal Property Database. Electronic document, https://blue.kingcounty.com/Assessor/eRealProperty/default.aspx, accessed January31, 2020.

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NETROnline. 2020. Historic Aerials, Federal Way, King County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Stein, Alan. 2003. Federal Way—Thumbnail History. HistoryLink.org essay 4215. Electronic document: https://www.historylink.org/File/4215, accessed May 28, 2020.

Historic Property Report

Resource Name: Concrete Services

Property ID: 721414

Location

Address: 6423 Pacific Hwy E, Tacoma, Washington, 98424

Geographic Areas: PUYALLUP Quadrangle, Pierce County, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Concrete Services

Property ID: 721414

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

6423 Pacific Highway E, view northeast

6423 Pacific Highway E, historic-period detached garage, view northwest

6423 Pacific Highway E, view northwest

Historic Property Report

Resource Name: Concrete Services

Property ID: 721414

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Block
Cladding	Stucco
Roof Type	Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - WWII Era Cottage
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Art Moderne/Streamlined Moderne
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the commercial building at 6423 Pacific Highway E retains integrity of location and setting, although alterations, including recladding, window replacement, change of use, and a large addition, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 6423 Pacific Highway E was constructed in 1951 as a residence and then converted. Today, it is home to Concrete Services, a construction company. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered vernacular building with some characteristics of the World War II Era Cottage, evident in its massing and hipped roof (Criterion C). However, alterations have obscured its historic-period character and it does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 6423 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 6423 Pacific Highway E was constructed in 1951 (Pierce County Assessor 2020). The main building was originally constructed as a single-family residence but has since been converted to commercial use. The one-story, irregularly shaped building faces south toward a deep parking lot and Pacific Highway E. The building sits on a concrete-block foundation, is clad in stucco, and is topped by a hipped asphalt roof. There is an east side addition on a poured-concrete foundation, but similarly clad and roofed. The aluminum-framed windows appear to be replacements. Some include fabric awnings. The westernmost windows are located on a curved projecting bay with conical roof. In the 1970s, a detached garage was constructed on the southwest corner of the parcel. It sits on a concrete-block foundation, is clad in stucco, and is topped by a hipped asphalt roof.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed June 4, 2020.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 721782

Location

Address: 6411 Pacific Hwy E, Tacoma, Washington, 98424

Geographic Areas: PUYALLUP Quadrangle, Pierce County, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 721782

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 721782

Photos

6411 Pacific Hwy, view northwest

6411 Pacific Hwy, view northwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 721782

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Metal - Corrugated
Cladding	Stone
Plan	Rectangle
Roof Type	Gable - Side
Roof Type	Shed
Roof Material	Metal
Form Type	Utilitarian
Structural System	Metal - Steel
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1975), the building at 6411 Pacific Highway E retains integrity of location, setting, feeling, and association, although alterations, including window and door replacement on the office, have diminished the building's integrity of design, materials, and workmanship.

Evaluation

The warehouse building at 6411 Pacific Highway E was constructed in 1951. The building is used commercially. While it is part of the commercial fabric of Fife, the building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse with a Contemporary office featuring some ornament, evident in the stone cladding and carved door. In spite of these features, the building is not a significant example of a particular type, period, or method of construction (Criterion C). It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the warehouse building at 6411 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

Built in 1975, according to the Pierce County Assessor, the warehouse building at 6411 Pacific Highway E is stylistically split into two sections, a large warehouse fronted by a one-story front office (Pierce County Assessor 2020). The one-and-one-half-story building sits on a poured-concrete foundation. The warehouse to the rear is clad in ribbed metal siding and topped by a side-gabled metal roof. The office is clad in a stone veneer and topped by a shed metal roof with exposed rafter tails. The office facade includes ribbons of floor-to-ceiling windows with decorative panels in the lower third. An elaborately carved wood door has been added at the east entry. The warehouse includes oversized garage bays on secondary elevations.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Commercial Building

Property ID: 721780

Location

Address: 6323 Pacific Hwy E, Tacoma, Washington, 98424

Geographic Areas: PUYALLUP Quadrangle, T20R04E06, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 721780

Photos

6263 Pacific Hwy, view north

6263 Pacific Hwy, view northwest

6263 Pacific Hwy, view northeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 721780

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Irregular
Cladding	Wood
Roof Type	Gable - Gable-on-Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - WWII Era Cottage
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the commercial building at 6323 Pacific Highway E retains integrity of location, although alterations including an addition to the main building, additional construction, and a change of use have diminished the former residence's integrity of setting, design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 6323 Pacific Highway E was constructed in 1951. The building does not appear, based on a review of historic maps and local histories to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered vernacular building with some characteristics of the World War II Era Cottage, including its massing and materials (Criterion C). However, it has been greatly altered and does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building and its two associated buildings constructed outside the historic period at 6323 Pacific Highway E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

Built in 1951, according to the Pierce County Assessor, the commercial complex at 6323 Pacific Highway E consists of three buildings, including a 1951 former residence at the southeast corner, a 1982 building northwest of that, and a 2003 auto repair shop north of the former residence (Pierce County Assessor 2020). The one-story former residence, the only building from the historic period, sits on a poured-concrete foundation, is clad in horizontal board wood siding, and is topped by a gable-on-hip asphalt roof. The building was likely constructed as a compact World War II Era Cottage facing west. The building's recessed entry includes a fluted wood surround and bay window. To the north, the building has been enlarged by a 1980s garage addition with a parallel gable on the north elevation. Between the projecting gables is a shed roof porch with turned posts. The building retains its original wood-framed windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 721783

Location

Address: 1427 62nd Ave E, Tacoma, Washington, 98424

Geographic Areas: Pierce County, T20R04E06, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1970	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 721783

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Photos

1427 62nd Ave E, view southeast

1427 62nd Ave E, view east

Historic Property Report

Resource Name: Commercial Building

Property ID: 721783

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Concrete
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Plan	T-Shape
Form Type	Utilitarian
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1970), the building at 1427 62nd Avenue E retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it remains on its original parcel, appears relatively unaltered, and continues to function as a communications (telephone) facility.

Evaluation

The building at 1427 62nd Avenue E was constructed in 1970 and converted to its present use as a communications facility in 1990. It is now owned by Qwest Corporation (Pierce County Assessor 2020). While the building is part of the fabric of downtown Fife, it does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a utilities building designed to blend into its surroundings. It is utilitarian in character and features few character-defining features apart from its massing. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance, Historical Research Associates recommends that the utility building at 1427 62nd Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1427 62nd Avenue was constructed in 1971 (Pierce County Assessor 2020). The building is a single-story tall and faces west toward 62nd Avenue. It sits on a poured-concrete foundation, is constructed of concrete, and is topped by a flat roof with minimal eave. The building's facade features a central projection with full height vents, as well as a recessed entry on the southwest corner. Fenestration is otherwise minimal.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Storage Building

Property ID: 721405

Location

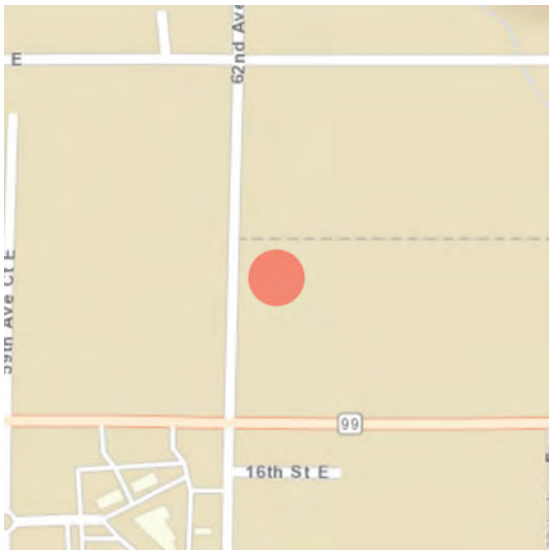

Address: 1403 62nd Ave E, Tacoma, Washington, 98424

Tax No/Parcel No: 420064025

Geographic Areas: T20R04E06, Pierce County, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1964	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Storage Building

Property ID: 721405

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

1403 62nd Avenue E, view east

1403 62nd Avenue E, view northeast

Historic Property Report

Resource Name: Storage Building

Property ID: 721405

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Wood - Clapboard
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1964), the storage building at 1403 62nd Avenue E retains integrity of location, design, materials, workmanship, and feeling. The building appears to be intact but has lost integrity of setting and association as the original building with which it was associated has been demolished.

Evaluation

The storage building at 1403 62nd Avenue E was constructed in 1964, according to the Pierce County Assessor, although its condition suggests it may be older. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian storage building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the storage building at 1403 62nd Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the storage building at 1403 62nd Avenue E, one of multiple architectural resources at this address, was constructed in 1964, although its was likely constructed at an earlier date, based on its plan and materials (Pierce County Assessor 2020). It is located to the rear of the parcel's primary building, constructed in 2003 to replace an historic-period building. The 1964 storage building is one-story, rectangular, and faces west toward the primary building and 62nd Avenue E. The building sits on a foundation of unknown material, is clad in horizontal wood boards, and is topped by a side-gabled asphalt roof. There is one visible window, wood-framed, and a door opening without a door.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 31927

Location

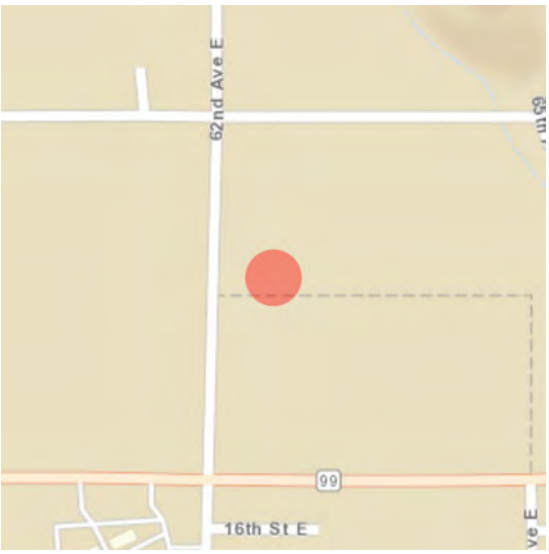

Address: 1309 62nd Ave E, Fife, WA

Geographic Areas: Pierce County, T20R04E06

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1910	☑
Built Date	1925	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 31927

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 31927

Photos

1309 62nd Avenue E, view east.jpg

1309 62nd Avenue E, view northeast

1309 62nd Avenue E, view southeast

1309 62nd Avenue E, outbuilding/garage, view southeast

Original HPI form(s)

Historic Property Report

Resource Name: Residence

Property ID: 31927

Inventory Details - 1/1/1900

Common name:

Date recorded: 1/1/1900

Field Recorder:

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Residence

Property ID: 31927

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Plan	Rectangle
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (ca. 1925), the residence at 1309 62nd Avenue E retains integrity of location, setting, design, materials, and workmanship, in spite of foundation replacement. The building retains its historic massing, windows, and ornamental detail. The building's vacancy has diminished its integrity of feeling and association.

Evaluation

According to the Pierce County Assessor, the residence at 1309 62nd Avenue E is owned by Noboru Yamasaki. Yamasaki died in 2005, according to online newspaper archives, and the residence is most likely owned by his descendants. Yamasaki was born in 1924 and raised in Puyallup and Fife. Based on his date of birth, he appears to be the same Noburo Yamasaki who was a Washington-born high school student living on Terry Jackson Road in Gardenville (an earlier name for Fife) in 1942 when he and his family, including his parents Kumazo and Mitsuko Yamasaki, were directed to assemble in Puyallup and then were interned during World War II (Ancestry 2005). According to records held by the National Archives and made accessible via Ancestry.com, Yamasaki's family was interned at Minidoka in Idaho from 1942 to 1945 (Ancestry 2013). While the history of Yamasaki family is significant, it is not clear whether the residence at 1309 62nd Avenue E is itself associated with events like World War II that made a significant contribution to the broad patterns of local, state, or national history. However, it is significant for its association with early-twentieth century development in Fife (Criterion A). Preliminary research suggests that the building was owned by a significant family interned during World War II. Noboru Yamasaki lived through this period of history and returned to Fife in the later years of his life. The residence may be eligible for its association with the lives of significant persons (Criterion B). Furthermore, the building retains much of its historic character, including its original plan, siding, window openings, rooflines, and ornament, including brackets and eaves associated with the Craftsman style. Historical Research Associates, Inc. recommends that the building, along with its associated garage and lands within the parcel boundary, qualify as architecturally significant (Criterion C). The building does embody the distinctive characteristics of its type, period, and method of construction, but is not known to represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). The home was built of common construction methods and materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on background research and a review of local histories, historic maps and aerials, and government records, Historical Research Associates, Inc. recommends the residence at 1309 62nd Avenue E eligible for listing in the National Register of Historic Places (NRHP) under a combination of Criteria A, B, and C, as a representative example of a Craftsman-inspired farmhouse associated with broad patterns of history, including farming in early Fife (Gardenville) and possibly the internment of Japanese Americans during World War II, as well as for its association with significant people including the Yamasaki family. The building's period of significance dates to ca. 1925, its presumed date of construction. The recommended boundary for the eligible property is the parcel boundary, which includes the surrounding landscape and detached garage.

Physical description:

According to the Pierce County Assessor, the single-family residence at 1309 62nd Avenue E was constructed in 1900, which may be in error, as the building appears to date from the 1910s or 1920s when elements of the Craftsman style had become popular. It was likely constructed or perhaps remodeled in 1925, the date provided by the Pierce County Assessor for the associated garage (Pierce County Assessor 2020). The residence faces west toward 62nd Avenue E. It is an example of a modest, two-story farmhouse, vernacular in character with a Craftsman-style plan, rectangular with a front-facing gable with knee braces. The building has recently been placed on a new concrete block foundation. It is clad in shiplap siding and is topped by a shingle roof, although many of the shingles have fallen off. The facade features an off-center entry consisting of a stoop under a gabled projection with knee braces. The entry door is paired with flanking sidelights. South of the entry is a large picture window. The second floor includes paired wood-framed, one-over-one windows in the gable, flanked by a pair of small, square windows. The gables include deep eaves and knee braces. The secondary north and south elevations include boarded-up windows on the lower floor and central dormers with wood-framed windows in the upper floors.

A second building, a wood-framed, wood-clad garage dating from 1925, according to the Pierce County Assessor, is located to the rear (east) of the residence but is not clearly visible from the public right-of-way.

Bibliography:

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Ancestry.com. 2013 U.S., Final Accountability Rosters of Evacuees at Relocation Centers, 1942-1946 [database on-line]. Provo, UT, USA: Ancestry.com Operations, Inc.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721083

Location

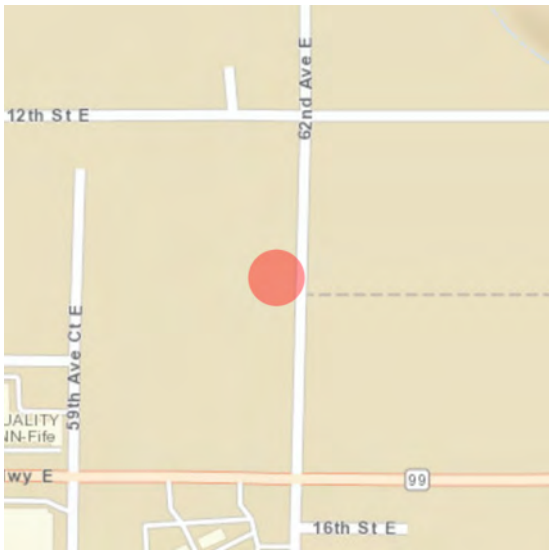

Address: 1310 62nd Ave E, Tacoma, Washington, 98424

Geographic Areas: PUYALLUP Quadrangle, T20R04E06, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721083

Photos

1310 62nd Avenue E, view west.jpg

1310 62nd Avenue E, view west.JPG

Historic Property Report

Resource Name: Residence

Property ID: 721083

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Plan	Square
Form Type	Single Dwelling - WWII Era Cottage
Structural System	Wood - Platform Frame
Cladding	Vinyl Siding

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the residence at 1310 62nd Avenue E retains integrity of location and setting, although alterations and additions including replacement windows and the addition of an enclosed porch, along with a change of use, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1310 62nd Avenue E was constructed in 1951, a period of post-war growth. It is presently owned by the Catholic Archdiocese of Seattle and is identified in assessor's records as part of the neighboring St. Paul Chong Hasang Church, a 17,766 square foot church constructed in 2004. The building does not appear, based on a review of historic maps and local histories, to be associated with historic-period events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest, altered example of a common type, the World War II-era cottage, featuring the blocky plan and hipped roof typical of the type. However, it retains little character from the historic period (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was likely constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 1310 62nd Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the World War II-era cottage at 1310 62nd Avenue E was constructed in 1951 (Pierce County Assessor 2020). The single-story building faces east toward 62nd Avenue E. It sits on a poured-concrete foundation, is clad in replacement vinyl siding, and is topped by a hipped roof of asphalt shingles. The building's facade is slightly raised, providing evidence of a basement level. The building's entry is accessed by a wood stair to a covered porch with vinyl-framed sliding windows. To the north of the projecting screened porch is an additional vinyl-framed window. The building's side elevations also include either sliding or one-over-one windows. A detached garage is located to the rear. It is rectangular with a hipped roof and includes a pedestrian entry facing east toward the residence.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 721076

Location

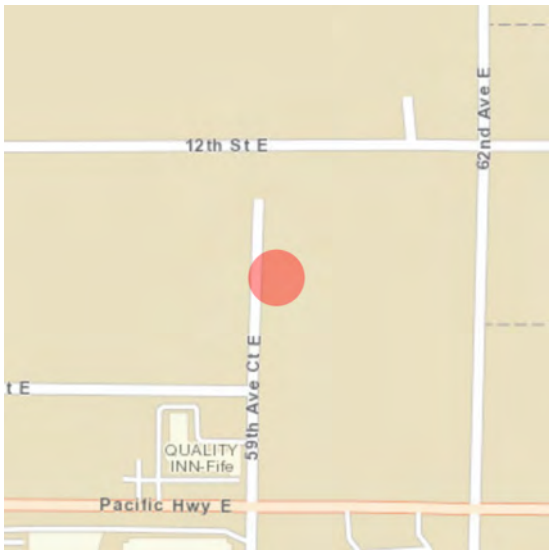

Address: 1305 59th Ave E, Tacoma, Washington, 98424

Geographic Areas: T20R04E06, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1941	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721076

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721076

Photos

1305 59th Avenue E, view east.jpg

1305 59th Avenue E, view southeast.jpg

Historic Property Report

Resource Name: Residence

Property ID: 721076

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Tudor

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1941), the residence at 1305 59th Avenue E retains integrity of location and setting, although the replacement of the original garage, along with recladding, window replacement, and the addition of non-compatible awnings, shutters, and entry stairs have diminished its integrity of design, materials, workmanship, feeling, and association

Evaluation

The residence at 1305 59th Avenue E was constructed in 1941. Based on a review of historic maps and local histories, it does not have any known associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a popular style, retaining few distinguishing characteristics apart from its swooping front gable (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 1305 59th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence and detached garage at 1305 59th Avenue E were constructed in 1941 (Pierce County Assessor 2020). The building is a modest example of Tudor Revival style that faces west toward 59th Avenue E. It sits on a poured-concrete foundation, is clad in fiber-cement boards, and is topped by a side-gabled, asphalt roof with front-gabled projection over the entry and no eaves. The building's facade is dominated by the gabled projection, which includes a long, sweeping eave over the central entry door, which is paired with a concrete stoop under a projecting awning. To the north of the entry is a three-part, vinyl-framed window under a louvered awning. On the projection, south of the entry, is a one-over-one, vinyl-framed window, flanked by ornamental shutters and topped by a louvered awning. The secondary north elevation is connected to a free-standing garage at the roofline. The garage dates to 2000 (Pierce County Assessor 2020). Secondary elevations also include vinyl windows with ornamental shutters. A shed or other outbuilding is located south of the residence.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

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Historic Property Report

Resource Name: Residence

Property ID: 721404

Location

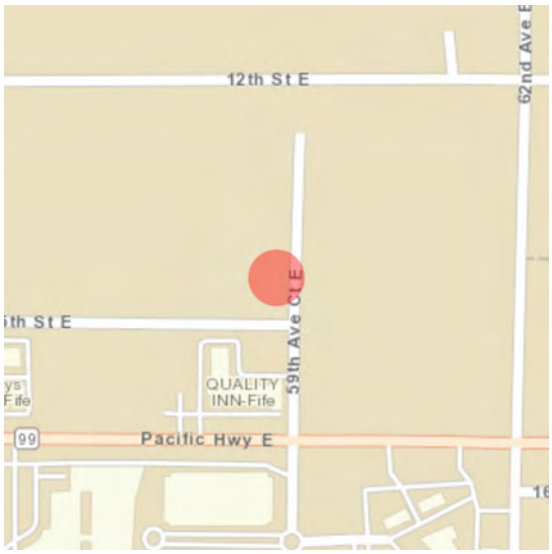

Address: 1322 59th Ave E, Tacoma, Washington, 98424

Tax No/Parcel No: 420063060

Geographic Areas: Pierce County, T20R04E06, PUYALLUP Quadrangle

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1910	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721404

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

1322 59th Avenue E, view southwest

1322 59th Avenue E, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 721404

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Block
Cladding	Fiber Cement Board
Roof Type	Gable - Front
Roof Material	Asphalt/Composition
Roof Type	Hip
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1910), the residence and garage at 1322 59th Avenue E retain integrity of location and setting, although alterations, including recladding, window replacement, additions, and altered fenestration, have diminished the integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 1322 59th Avenue E was constructed in 1910. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered bungalow with few character-defining features from the historic period, apart from its massing and altered porch (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and garage at 1322 59th Avenue E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 1322 59th Avenue E was constructed in 1910 (Pierce County Assessor 2020). The one-and-one-half-story, rectangular residence faces east toward 59th Avenue E. The building sits on a concrete-block foundation, is clad in fiber cement board, and is topped by a front-gabled asphalt roof. There is a hip-roofed addition with a shed-roofed porch to the rear of the building. The windows are aluminum framed, some of which are in altered fenestration. The original entry porch has been partially enclosed, and a ramp has been added to the north side. There is a large three-bay garage building on the west side of the property that is constructed of concrete block and topped by a side-gabled asphalt roof. The Pierce County Assessor dates the detached garage to 1914.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 130564

Location

Address: 5913 15TH ST E, FIFE, WA

Tax No/Parcel No: 6605000013

Plat/Block/Lot: Section 06 Township 20 Range 04 Quarter 34 P K TRA

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1953	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 130564

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00077, , Assessors Data Project: Pierce County	7/1/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

5913 15th Street E, view north

5913 15th Street E, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 130564

Inventory Details - 7/1/2011

Common name:

Date recorded: 7/1/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000013

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling
Cladding	Wood

Surveyor Opinion

Physical description: The house at 5913 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1953 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1969. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood. The county assessor also reports that there is a detached garage.

Historic Property Report

Resource Name: Residence

Property ID: 130564

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Cladding	Wood - T 1-11
Roof Type	Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - WWII Era Cottage
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1953), the residence at 5913 15th Street E retains integrity of location and setting, although alterations including window replacement and altered fenestration have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5913 15th Street E was constructed in 1953. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered early Ranch or WW II-Era Cottage residence with few character-defining features from the historic period apart from its massing and mix of siding materials (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 5913 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5913 15th Street E was constructed in 1953 (Pierce County Assessor 2020). The one-story, irregularly shaped residence faces south toward 15th Street E. The garage at the northeast corner was originally detached, but a roof extension was added to create a covered walkway that attaches the garage to the main house. The building sits on a poured-concrete foundation, is clad in a skirt of horizontal wood boards below vertical boards, and is topped by a hipped asphalt roof. The windows are vinyl framed in altered fenestration.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 136241

Location

Address:	5905 15TH ST E, FIFE, WA
Tax No/Parcel No:	6605000014
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 34 P K TRA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1955	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 136241

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00079, , Assessors Data Project: Pierce County 2	7/2/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 136241

Photos

5905 15th Street E, view north

5905 15th Street E, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 136241

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000014

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood
Structural System	Wood - Platform Frame
Form Type	Single Dwelling
Roof Material	Asphalt/Composition - Shingle

Surveyor Opinion

Physical description: The house at 5905 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1955 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1970. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Historic Property Report

Resource Name: Residence

Property ID: 136241

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Cladding	Wood - T 1-11
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Cladding	Brick
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1955), the residence at 5905 15th Street E retains integrity of location and setting, although alterations, including a garage conversion, recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5905 15th Street E was constructed in 1955. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Ranch-style residence with few character-defining features from the historic period, apart from its wide, rectangular plan and mix of materials. (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historic Research Associates recommends that the residence at 5905 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5905 15th Street E was constructed in 1955 (Pierce County Assessor 2020). The one-story, rectangular residence faces south toward 15th Street E. The building sits on a poured-concrete foundation, is clad in a skirt of fiber cement board below T1-11, and is topped by a hipped asphalt roof. The entry porch is noted by a cladding of brick veneer and a cross-gabled roof projection. The windows are vinyl framed in altered fenestration. A detached garage sits northeast of the building with a front-gabled asphalt roof. A small storage shed clad in T1-11 and topped with a gabled asphalt roof is northwest of the building.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 131344

Location

Address:	5912 15TH ST E, FIFE, WA
Tax No/Parcel No:	6605000053
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 34 P K TRA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1955	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 131344

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00077, , Assessors Data Project: Pierce County	7/1/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 131344

Photos

5912 15th Street E, view south.jpg

5912 15th Street E, view southwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 131344

Inventory Details - 7/1/2011

Common name:

Date recorded: 7/1/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000053

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Form Type	Single Dwelling

Surveyor Opinion

Physical description: The house at 5912 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1955 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 2006. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood. The county assessor also reports that there is an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 131344

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling - WWII Era Cottage
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Vinyl Siding
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1955), the residence at 5912 15th Street E retains integrity of location and setting, although alterations, including replacement materials and an addition, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5912 15th Street E was constructed in 1955 during a period of post-war growth in the region. The building does not appear, based on a review of historic maps and local histories, to be closely associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest, altered example of a common type, the World War II-era Cottage, featuring the typical square, hipped plan, although alterations and additions have obscured its original character (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was likely constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of evident significance and integrity, Historical Research Associates, Inc. recommends that the residence at 5912 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 5912 15th Street E was constructed in 1955 (Pierce County Assessor 2020). The World War II-era cottage faces north toward 15th Street E. It sits on a poured-concrete foundation, is clad in vinyl siding, and is topped by a hipped roof. The building has been attached by an addition to a flat-roofed, single-car garage to the east. The building's facade includes a wooden access ramp to a central entry, flanked east and west by three-part, vinyl-framed windows. Secondary elevations include vinyl-framed sliding windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 133505

Location

Address:	1508 59TH AVCT E, FIFE, WA
Tax No/Parcel No:	6605000054
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 34 P K TRA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1951	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 133505

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00079, , Assessors Data Project: Pierce County 2	7/2/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 133505

Photos

1508 59th Ave, view west

1508 59th Ave, view southwest

Historic Property Report

Resource Name: Residence

Property ID: 133505

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000054

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood
Form Type	Single Dwelling
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle

Surveyor Opinion

Physical description: The house at 1508 59th Avenue Court E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1951 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 2004. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Historic Property Report

Resource Name: Residence

Property ID: 133505

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood
Cladding	Wood - T 1-11
Roof Type	Hip
Roof Material	Asphalt/Composition
Plan	Rectangle
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1951), the residence at 1508 59th Avenue E retains integrity of location and setting, although window and siding replacement, along with a garage conversion, have diminished its integrity of design, materials, workmanship. The building continues to serve as a residence and retains integrity of feeling and association.

Evaluation

The residence at 1508 59th Avenue E was constructed in 1951 as a single-family residence. The building does not appear, based on historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest early Ranch house that retains few character-defining features from the historic period apart from its massing. The building has lost its original windows and siding. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the residence at 1508 59th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 1508 59th Avenue E was constructed in 1951 (Pierce County Assessor 2020). The building faces east toward 59th Avenue E. The building sits on a poured-concrete foundation, is clad in a mix of materials (horizontal boards topped by T1-11), and includes multiple vinyl-framed windows, including a three-part window located on a former garage that has been converted to living space. It is topped by a hipped roof with minimal eaves. Secondary elevations also include vinyl-framed windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721393

Location

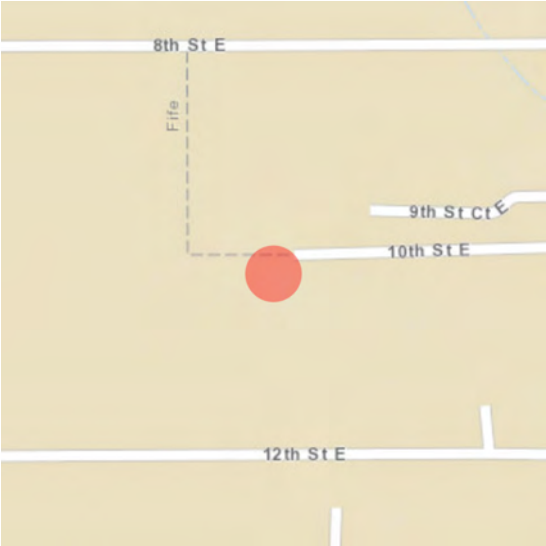

Address: 5812 10th St E, Tacoma, Washington, 98424

Tax No/Parcel No: 420063086

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1934	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721393

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721393

Photos

5812 10th Street E

5812 10th Street E

Historic Property Report

Resource Name: Residence

Property ID: 721393

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Block
Cladding	Wood - Shingle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Structural System	Wood - Platform Frame
Form Type	Single Dwelling - Bungalow

Styles:

Period	Style Details
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1934), at the time of survey, the residence and chicken coop at 5812 10th Street E retained integrity of location and setting, although alterations, including covered cladding, window replacement, and an addition, had diminished the primary building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5812 10th Street E was constructed in 1934. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered bungalow with few character-defining features from the historic period, apart from its massing and knee braces under the eaves (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence and coop at 5812 10th Street E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5812 10th Street E was constructed in 1934 (Pierce County Assessor 2020). The one-story, rectangular residence faces east, with a small entry porch under a projecting gable on the facade. The building sits on a concrete-block foundation, is clad in shingles that cover original clapboard, and is topped with a side-gabled asphalt roof. There is a small storage addition on the south elevation made of concrete block. The windows are wood and vinyl framed. Some are in altered fenestration. There is a detached rectangular, wooden chicken coop south of the house. According to an on-site security guard, the residence was scheduled to be demolished the week of February 24, 2020.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 132466

Location

Address:	5809 15TH ST E, FIFE, WA
Tax No/Parcel No:	6605000030
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 34 P K TRA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1958	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 132466

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00079, , Assessors Data Project: Pierce County 2	7/2/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 132466

Photos

5809 15th Street E

41 Parcel 6605000030 5809 15th Street E, view northwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 132466

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000030

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling
Cladding	Wood

Surveyor Opinion

Physical description: The house at 5809 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1958 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1971. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood. The county assessor also reports that there is an attached garage.

Historic Property Report

Resource Name: Residence

Property ID: 132466

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - Shingle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1958), the residence at 5809 15th Street E retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5809 15th Street E was constructed in 1958. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Ranch-style residence with few distinctive characteristics from the historic period apart from its low, rectangular massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 5809 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5809 15th Street E was constructed in 1958 (Pierce County Assessor 2020). The one-story, rectangular residence faces south toward 15th Street E. The building sits on a poured-concrete foundation, is clad in wood shingles with some T1-11 panels, and is topped by a side-gabled asphalt roof. There is an attached garage at the west end of the building. The facade features an off-center entry door with concrete stop, flanked to the west by a large picture window and to the east by vinyl-framed, sliding windows. A small shed with a gambrel roof sits at the northwest corner of the property.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 145979

Location

Address: 5801 15TH ST E, FIFE, WA

Tax No/Parcel No: 6605000040

Plat/Block/Lot: Section 06 Township 20 Range 04 Quarter 34 P K TRA

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 145979

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00081, , Assessors Data Project: Pierce County 4	7/4/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 145979

Photos

5801 15th Street E, view northeast

5801 15th Street E, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 145979

Inventory Details - 7/4/2011

Common name:

Date recorded: 7/4/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000040

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood
Form Type	Single Dwelling
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle

Surveyor Opinion

Physical description: The house at 5801 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1960 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1972. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Historic Property Report

Resource Name: Residence

Property ID: 145979

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Cladding	Stone
Cladding	Wood - T 1-11
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Side Gable
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1960), the residence at 5801 15th Street E retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5801 15th Street E was constructed in 1960. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered vernacular residence with few distinctive characteristics from the historic period (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 5801 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5801 15th Street E was constructed in 1960 atop a basement (Pierce County Assessor 2020). The one-story, rectangular residence faces south toward 15th Street E. The building sits on a poured-concrete foundation and is clad in a skirt of stone veneer on the west half and horizontal boards on the east half. The upper wall surfaces are clad in T1-11. The building is topped by a telescoping side-gabled asphalt roof. The windows are vinyl framed, in altered fenestration. An exterior concrete-block chimney is located on the west elevation.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 145431

Location

Address: 5802 15TH ST E, FIFE, WA

Tax No/Parcel No: 6605000080

Plat/Block/Lot: Section 06 Township 20 Range 04 Quarter 34 P K TRA

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1956	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 145431

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00081, , Assessors Data Project: Pierce County 4	7/4/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 145431

Photos

5802-5804 15th Street E, view southwest.jpg

5802-5804 15th Street E, view southeast_2.jpg

5802-5804 15th Street E, view southeast.jpg

Historic Property Report

Resource Name: Residence

Property ID: 145431

Inventory Details - 7/4/2011

Common name:

Date recorded: 7/4/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 6605000080

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Wood - Braced Frame

Surveyor Opinion

Physical description: The building at 5802 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1956 and is a industrial storage. Also according to the county assessor, the structure was remodeled in 1970. The -story, braced frame building has a roof clad in an unknown material. The walls of the utilitarian form are clad principally in an unknown material.

Historic Property Report

Resource Name: Residence

Property ID: 145431

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood - Board & Batten
Foundation	Concrete - Poured
Form Type	Single Dwelling - Ranch
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From their period of construction (1956), the residence and outbuilding at 5802/5804 15th Street E retain integrity of location and setting, although alterations and additions, including recladding and replacement windows, have diminished the residence's integrity of design, materials, and workmanship .

Evaluation

The residence at 5802/5804 15th Street E was constructed in 1956. The large outbuilding also dates to this period, suggesting that the site might have included a commercial or industrial use when constructed. The buildings do not appear, based on a review of historic maps and local histories, to be closely associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the buildings held a strong association with the lives of significant persons (Criterion B). The buildings are modest, altered examples of common types, the Ranch house and storage warehouse or shop building. The residence features the wide facade typical of the Ranch house, although alterations and additions have obscured its historic-period character. The outbuilding is utilitarian in character (Criterion C). The building complex is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the buildings were constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence and shop building at 5802/5804 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family Ranch house at 5802/5804 15th Street E was constructed, along with a large outbuilding, in 1956 (Pierce County Assessor 2020). The house was constructed in a typical rectangular Ranch house plan and faces north toward 15th Street E. It sits on a concrete foundation, has been re-clad in rustic board-and-batten siding, and is topped by a side-gabled, asphalt roof with a lower pitched gable over the attached garage on the east end. The building's facade includes an off-center entry door, flanked east and west by vinyl-framed sliding windows. The facade includes a wide, planked front porch. East of the entry is a concrete-block projection, possibly a storage area. Farther east are additional vinyl-framed windows, a secondary pedestrian entry, and a single garage bay. The outbuilding or shop to the east of the main residence is rectangular, side-gabled, with oversized swinging doors on the north elevation, a pedestrian entry and six-light, wood-framed window on the west elevation, and a projection to the rear with a lower-pitched roof and additional swinging garage doors. It is not clear how the outbuilding is used.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 152005

Location

Address: 5719 15TH ST E, FIFE, WA

Tax No/Parcel No: 9315000010

Plat/Block/Lot: Section 06 Township 20 Range 04 Quarter 33 WALDHEL

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1944	☑

Historic Use:

Category	Subcategory
Social	Social - Clubhouse
Social	Social - Clubhouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 152005

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00082, , Assessors Data Project: Pierce County 5	7/5/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 152005

Photos

5719 15th Street E, view northeast

5719 15th Street E, view northwest

Historic Property Report

Resource Name: Residence

Property ID: 152005

Inventory Details - 7/5/2011

Common name:

Date recorded: 7/5/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 9315000010

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Physical description: The building at 5719 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1944 and is a commercial business. Also according to the county assessor, the structure was remodeled in 2008. The 1-story, platform frame building has a roof clad in an unknown material. The walls of the other form are clad principally in an unknown material.

Historic Property Report

Resource Name: Residence

Property ID: 152005

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	L-Shape
Foundation	Post & Pier
Cladding	Wood - Clapboard
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Roof Material	Metal - Standing Seam
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1944), the residence at 5719 15th Street E retains integrity of location and setting, although alterations, including a large 1970s addition on the facade and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5719 15th Street E was constructed in 1944, according to the King County Assessor, and converted from a clubhouse to a private residence (King County Assessor 2020). The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered bungalow with few character-defining features from the historic period, as it has been greatly enlarged (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 5719 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5719 15th Street E was constructed in 1944, although its original facade is hidden by a large addition on the south elevation that more than doubled the footprint of the original residence (Pierce County Assessor 2020). As part of the remodel, the original entry porch was enclosed to connect the two portions of the building. At the time of survey, the one-story, L-shaped residence included a west-facing facade on the addition, obscuring the original south-facing facade. The main entrance is noted by an entry porch on the west side of the addition. The building sits on a post-and-pier foundation, is clad in horizontal wood siding and wood shingles, and is topped by a cross-gabled roof. The roof on the original house is covered in asphalt, while the roof on the addition is covered in standing-seam metal sheets. The windows are vinyl framed in altered fenestration.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 144090

Location

Address:	5718 15TH ST E, FIFE, WA
Tax No/Parcel No:	9315000080
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 33 WALDHEL
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 144090

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00081, , Assessors Data Project: Pierce County 4	7/4/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	1/31/2020	Survey/Inventory	

Photos

5718 15th Street E, view south.jpg

5718 15th Street E, view southwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 144090

Inventory Details - 7/4/2011

Common name:

Date recorded: 7/4/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 9315000080

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame
Cladding	Wood

Surveyor Opinion

Physical description: The house at 5718 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1900 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1963. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Inventory Details - 1/31/2020

Common name:

Date recorded: 1/31/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - WWII Era Cottage
Cladding	Wood - Shingle
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative: Integrity

From its period of construction (ca. 1900), the residence at 5718 15th Street E retains integrity of location, setting, feeling, and association, as it remains on its original parcel and maintains its original function. Alterations, including window replacement, have diminished its integrity of design, materials, and workmanship.
Evaluation
Based on a review of historic maps and local histories, the residence at 5718 15th Street E does not appear to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The residence is of a common type and features few distinctive characteristics of either the Ranch or the World War II-era cottage types (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the residence was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 5718 15th Street E and its associated garage are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the single-family residence at 5718 15th Street E was constructed in 1900, which appears to be in error, as the building is a typical example of an early Ranch or late World War II-era cottage from the 1940s (Pierce County Assessor 2020). The single-story residence faces north toward 15th Street E. It sits on a poured-concrete foundation, is clad in shingles, and is topped by a hipped asphalt roof with deep eaves. To the south of the building is a narrow, shingle-clad, front-gabled garage. The building's facade features a recessed entry with a concrete stoop and three-part, vinyl-framed windows. Side elevations include aluminum-framed windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Commercial Building

Property ID: 153730

Location

Address: 5717 PACIFIC HWY E, FIFE, WA

Tax No/Parcel No: 4055000110

Plat/Block/Lot: Section 06 Township 20 Range 04 Quarter 33 GALLERT

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1947	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 153730

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00083, , Assessors Data Project: Pierce County 6	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 153730

Photos

5717 Pacific Hwy, northwest

5717 Pacific Hwy, view north

Historic Property Report

Resource Name: Commercial Building

Property ID: 153730

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4055000110

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Physical description: The building at 5717 Pacific Highway E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1947 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1993. The 1-story, platform frame building has a roof clad in an unknown material. The walls of the commercial form are clad principally in an unknown material.

Historic Property Report

Resource Name: Commercial Building

Property ID: 153730

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Vinyl Siding
Roof Type	Gable - Front
Roof Material	Metal
Plan	Rectangle
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1947), the building at 5717 Pacific Highway E retains integrity of location and setting, although alterations and additions, including replacement siding and windows, have diminished its integrity of design, materials, workmanship, and feeling. The building continues to be used as an auto shop and retains integrity of association.

Evaluation

The building at 5717 Pacific Highway E was constructed in 1947. Although part of the commercial fabric of the region, the building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a vernacular one-part block featuring few character-defining features from the historic period apart from its massing. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the commercial building at commercial building at 5717 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the one-part commercial block at 5717 Pacific Highway E was constructed in 1947 (Pierce County Assessor 2020). The single-story building faces south toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in manufactured vinyl siding and is topped by a front-gabled metal roof with stepped parapet. The building's facade includes an off-center entry of paired wood doors flanked east and west by fixed or sliding, vinyl-framed windows. The entry doors are topped by a shed-roofed awning of standing-seam metal. To the west of the entry is a garage bay with sliding garage door also topped by a shed-roofed awning of standing-seam metal. To the rear, the building includes a free-standing carport.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Commercial Building

Property ID: 153566

Location

Address:	5715 PACIFIC HWY E, FIFE, WA
Tax No/Parcel No:	4055000100
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 33 GALLERT
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1942	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 153566

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00083, , Assessors Data Project: Pierce County 6	7/6/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 153566

Photos

5715 Pacific Hwy, view northeast

5715 Pacific Hwy, view northwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 153566

Inventory Details - 7/6/2011

Common name:

Date recorded: 7/6/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4055000100

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Physical description: The building at 5715 Pacific Highway E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1969 and has a commercial professional use. Also according to the county assessor, the structure was remodeled in 1993. The 1-story, platform frame building has a roof clad in an unknown material. The walls of the commercial form are clad principally in an unknown material.

Historic Property Report

Resource Name: Commercial Building

Property ID: 153566

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Square
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Cladding	Wood - T 1-11
Roof Type	Gable - Gable-on-Hip
Roof Material	Asphalt/Composition
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1942), the commercial building at 5715 Pacific Highway E retains integrity of location and setting, although window and siding replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The one-part commercial block at 5715 Pacific Highway E was constructed in 1942 and is used as a copy and printing shop. Research did not reveal its original use. The building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a vernacular one-part block featuring few character-defining features from the historic period. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the commercial building at commercial building at 5715 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-story commercial block at 5715 Pacific Highway E was constructed in 1942. The building is square in plan and faces south toward Pacific Highway E. It is clad in fiber-cement boards on the facade, T1-11 on side elevations, and is topped by a front-gabled roof with hipped eave. The building's primary facade includes an off-center entry with a single-glazed aluminum door between two full-height sidelights. West of the entry are three banks of three aluminum-framed windows. The facade shelters under a deep eave with signage supported by square posts. Secondary elevations do not include visible fenestration.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 139898

Location

Address:	5712 15TH ST E, FIFE, WA
Tax No/Parcel No:	9315000090
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 33 WALDHEL
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 139898

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00080, , Assessors Data Project: Pierce County 3	7/3/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 139898

Photos

5712 15th Street E, view southeast.jpg

5712 15th Street E, view southwest.jpg

Historic Property Report

Resource Name: Residence

Property ID: 139898

Inventory Details - 7/3/2011

Common name:

Date recorded: 7/3/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 9315000090

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood

Surveyor Opinion

Physical description: The house at 5712 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1940 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1997. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Historic Property Report

Resource Name: Residence

Property ID: 139898

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Roof Type	Hip - Hip-on-Gable
Roof Material	Asphalt/Composition - Shingle
Foundation	Concrete - Block
Cladding	Wood - Shingle
Form Type	Single Dwelling
Plan	Square
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Minimal Traditional
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1940), the residence at 5712 15th Street E retains integrity of location and setting, although a garage conversion and window replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5712 15th Street E is not known, based on a review of historic maps and local histories, to have any associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Minimal Traditional or early Ranch residence (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 5712 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 5712 15th Street E was constructed in 1940 (Pierce County Assessor 2020). The building is a modest example of a common style, the Minimal Traditional or early Ranch. It faces north toward 15th Street E. The building is generally square in plan. It sits on a concrete-block foundation, is clad in shingles, and is topped by a hip-on-gable roof with projecting gables on the facade. The building's facade features an off-center entry with a projecting gabled awning over a small stoop. The awning is supported by simple square posts. The entry is flanked to the west by a picture window, and to the east by a vinyl-framed sliding window. Farther east is a converted garage, projecting slightly, with an additional vinyl-framed sliding window. Side elevations also include vinyl-framed sliding windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

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Historic Property Report

Historic Name: Residence

Property ID: 137615

Location

Address: 5701 15TH ST E, FIFE, WA

Tax No/Parcel No: 9315000020

Plat/Block/Lot: Section 06 Township 20 Range 04 Quarter 33 WALDHEL

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Residence

Property ID: 137615

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00080, , Assessors Data Project: Pierce County 3		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Residence

Property ID: 137615

Photos

5701 15th Street E, view northwest

5701 15th Street E, view north

Historic Property Report

Historic Name: Residence

Property ID: 137615

Inventory Details - 7/3/2011

Common name:

Date recorded: 7/3/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 9315000020

SHPO Determination

Detail Information

Characteristics:

Category	Item
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Structural System	Wood - Platform Frame
Form Type	Single Dwelling

Surveyor Opinion

Physical description: The house at 5701 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1950 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1967. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood. The county assessor also reports that there is an attached garage.

Historic Property Report

Historic Name: Residence

Property ID: 137615

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Cladding	Wood - T 1-11
Roof Type	Gable - Cross
Roof Type	Shed
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Minimal Traditional
Early 20th Century American Movements (1900-1940)	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1950), the residence at 5701 15th Street E retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5701 15th Street E was constructed in 1950. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered bungalow with few character-defining features from the historic period, apart from its cross-gabled plan and front porch (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 5701 15th Street E dis not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the irregularly shaped residence at 5701 15th Street E was constructed in 1950 (Pierce County Assessor 2020). The one-and-one-half-story residence faces south toward 15th Street E. The building is generally cross shaped with an attached garage at the northeast corner. The building sits on a foundation of unknown material, is clad in T1-11, and is topped by a cross-gabled asphalt roof. The attached garage is topped by an asphalt shed roof. The windows are vinyl framed in altered fenestration.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Historic Name: Residence

Property ID: 130537

Location

Address:	5615 15TH ST E, FIFE, WA
Tax No/Parcel No:	9315000033
Plat/Block/Lot:	Section 06 Township 20 Range 04 Quarter 33 WALDHEL
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1941	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Residence

Property ID: 130537

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00077, , Assessors Data Project: Pierce County		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Residence

Property ID: 130537

Photos

5615 15th Street E, view northwest

5615 15th Street E, view north

Historic Property Report

Historic Name: Residence

Property ID: 130537

Inventory Details - 7/1/2011

Common name:

Date recorded: 7/1/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 9315000033

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Form Type	Single Dwelling
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood

Surveyor Opinion

Physical description: The house at 5615 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1941 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1963. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood. The county assessor also reports that there is an attached garage.

Historic Property Report

Historic Name: Residence

Property ID: 130537

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Block
Cladding	Wood - Shingle
Roof Type	Gable - Side
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Ranch
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1941), the residence at 5615 15th Street E retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The residence at 5615 15th Street E was constructed in 1941. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Ranch-style residence with few distinctive characteristics from the historic period apart from its compact rectangular plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the residence at 5615 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the residence at 5615 15th Street E was constructed in 1941 (Pierce County Assessor 2020). The one-story, rectangular residence faces south toward 15th Street E. The building sits on a concrete-block foundation, is clad in wood shingles, and is topped by a side-gabled asphalt roof. The facade includes a small entry porch topped by a metal awning supported by wood posts. There is an attached garage on the east side of the building. The windows are aluminum or vinyl framed in altered fenestration.

Bibliography:

Bluhm, Tiffany.
2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John.
2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Pierce County Assessor. 2020.
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Writers' Program of the Works Project Administration in the State of Washington (WPA).
1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 727596

Location

Address: 5417 15th St E, Fife, Washington, 98424

Tax No/Parcel No: 9315000060

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R04E06, Pierce County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑
Addition	1960	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 727596

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/10/2022	Survey/Inventory	

Photos

5417 15th Street E with addition on the right, view northwest.

5417 15th Street E, detached garage, view northeast.

5417 15th Street E, view northeast.

Historic Property Report

Resource Name: Residence

Property ID: 727596

Inventory Details - 2/10/2022

Common name:

Date recorded: 2/10/2022

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Single Dwelling - Side Gable
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Balloon Frame
Plan	L-Shape
Cladding	Wood - Clapboard

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	Cape Cod

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1948), 5417 15th Street E retains integrity of location, setting, feeling, and association. A large addition, replacement of windows and doors, and an incompatible sidelight at the entry have diminished its integrity of design, materials, and workmanship.

Evaluation

The residential building at 5417 15th Street E was constructed ca. 1948 (Pierce County Assessor 2022). Although research did not reveal the name of its original owner, in 1995, Donald and Elizabeth Massie sold the property to the Puyallup Nation Housing Authority (Pierce County Auditor 1995). The residence does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The modest Cape Cod residence no longer retains character-defining features like bilateral symmetry and wood windows and does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 5417 15th Street E is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

According to the Pierce County Assessor, the residential building at 5417 15th Street E was constructed in 1900 and has a detached garage, which was constructed in 1948 (Pierce County Assessor 2022). However, this appears to be an error. Based on a review of historic aerial photographs, the residence was constructed between 1940 and 1955, and a one-story addition including an attached garage was constructed on the east end creating the building's current L-shape between 1955 and 1968 (NETROnline 2022). Additionally, the parcel includes a detached garage that may date to 1948 (NETROnline 2022; Pierce County Assessor 2022). Based on field survey, Historical Research Associates, Inc., assumes the building was constructed with the detached garage ca. 1948, and includes an addition from ca. 1960.

The one-and-one-half-story, L-shaped residential building faces south toward 15th Street E. It sits on a poured-concrete foundation, is clad in clapboards, and is topped by a cross-gabled roof clad in asphalt shingles with two dormers on the south elevation. The building's main facade (south elevation) features a raised central entrance with concrete steps and metal railing paired with an added aluminum sidelight under a modest projecting gabled portico. The entry is flanked by a vinyl-frame picture window to the east and vinyl-frame corner-wrapping window to the west. The recessed eastern addition includes a secondary entrance with concrete steps and a wood garage door. On the upper story are two gabled dormers, each with a vinyl-frame, single-hung, sash window. The west elevation features vinyl-frame, single-hung, sash windows and a vent under the gable. The east elevation features a brick chimney and vinyl-frame, single-hung, sash and fixed windows. The north elevation is not visible from the public right-of-way. The detached garage is located east of the residence. It sits on a poured-concrete foundation, is clad in clapboards, has aluminum-frame sliding windows on both the east and west elevations, a rolling garage door and a vent on the south elevation, and is topped by a front-gabled roof clad in asphalt shingles.

Bibliography:

NETROnline
2022 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed February 16, 2022.

Pierce County Assessor
2022 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis, accessed February 8, 2022.

Pierce County Auditor
1995 9511160437. Statutory Warranty Deed, Parcel 9315000060. Electronic document, https://armsweb.co.pierce.wa.us, accessed March 4, 2022.

Historic Property Report

Resource Name: Commercial Building

Property ID: 727594

Location

Address: 1409 54th Ave E, Fife, Washington, 98424

Tax No/Parcel No: 9315000070

Geographic Areas: Pierce County Certified Local Government, Pierce County, PUYALLUP Quadrangle, T20R04E06

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1963	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 727594

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/10/2022	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 727594

Photos

1409 54th Avenue E, view northeast.

1409 54th Avenue E, view northwest.

1409 54th Avenue E detached garage, view north.

Historic Property Report

Resource Name: Commercial Building

Property ID: 727594

Inventory Details - 2/10/2022

Common name:

Date recorded: 2/10/2022

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Balloon Frame
Plan	L-Shape
Cladding	Wood - T 1-11
Cladding	Wood - Clapboard

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1963), 1409 54th Avenue E retains integrity of location and setting. Renovations divided the commercial space into three separate suites, diminishing the building's integrity of feeling and association. Alterations, including replaced siding, windows, and doors, detract from the building's integrity of design, materials, and workmanship.

Evaluation

The commercial building at 1409 54th Avenue E was constructed 1963 as Lucile's Antique and Gift Shop (News Tribune 1963). By 1972, the building was operating as a tavern called "The Devil's Lantern" (News Tribune 1972). By 1992 the building was separated into three suites for separate businesses (News Tribune 1992). Suite A is currently occupied by Statewide Construction & Remodeling, Inc., but it is unclear if the other two suites are currently leased. The commercial building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is a modest commercial building with few distinctive features apart from decorative fascia and dormers. The building does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 1409 54th Avenue E is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 1409 54th Avenue E was constructed in 1963 (Pierce County Assessor 2022). The one-story, L-shaped commercial building faces west toward 54th Ave. E. It sits on a poured-concrete foundation, is clad in T1-11 with clapboards under the gables, and is topped by a cross-gabled roof clad in asphalt shingles with decorative gable trim and two gabled dormers on the facade. The building's facade (west elevation) features a full-length covered walkway under a roof extension supported by wood posts. The facade includes three business entrances, four sets of vinyl-frame, fixed windows, and two gabled dormers with decorative trim, one with a boarded window and the other with a wood casement window. The north elevation features vinyl-frame, sliding windows. On the rear, the south wing of the building features sliding vinyl-frame windows on its south elevation and a raised entrance with metal railing and a vinyl-frame, sliding window on its east elevation. The building's east elevation features fixed, aluminum windows, an internal brick chimney, and an elevated rear porch with wood supports and railing. A detached two-car garage is located directly east of the building. The garage appears to have been constructed concurrently. It sits on a poured-concrete foundation, is clad in T1-11 with clapboards under the gables, and is topped by a front-gabled roof clad in asphalt shingles with decorative gable trim.

Bibliography:

News Tribune
1963 Antique, Gift Shop at Fife to Open Doors. November 8:12.
1972 Taverns Seek Beer Licenses. October 27:A-7.
1992 Receptionist needed. November 25:9.

Pierce County Assessor
2022 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis, accessed February 8, 2022.

Historic Property Report

Resource Name: Industrial Building

Property ID: 727600

Location

Address: 1124 54th Ave E, Fife, Washington, 98424

Tax No/Parcel No: 0320014101

Geographic Areas: Tacoma Certified Local Government, Pierce County, T20R03E01, PUYALLUP Quadrangle, Pierce County Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑
Addition	1970	☑
Addition	1989	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Industrial Building

Property ID: 727600

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/10/2022	Survey/Inventory	

Photos

1124 54th Avenue E with ca. 1968 portion at center and ca. 1970 portion on right, view northwest.

1124 54th Avenue E ca. 1989 portion main entrance (center) and connector to ca. 1968 portion (right), view north-northwest.

1124 54th Avenue E west end of ca. 1989 portion, view northeast.

1124 54th Avenue E, view north-northwest.

1124 54th Avenue E ca. 1968 portion, view northwest.

1124 54th Avenue E ca. 1970 portion, view northwest.

Historic Property Report

Resource Name: Industrial Building

Property ID: 727600

Inventory Details - 2/10/2022

Common name:

Date recorded: 2/10/2022

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Stucco
Cladding	Wood - Vertical Boards
Cladding	Concrete - Precast
Form Type	Utilitarian
Roof Type	Flat with Eaves
Roof Type	Flat with Parapet
Roof Type	Gable
Roof Material	Asphalt/Composition - Built Up
Roof Material	Asphalt/Composition - Shingle
Structural System	Masonry - Concrete Block
Plan	Irregular

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1968), 1124 54th Avenue E retains integrity of location, setting, and association, but has lost integrity of design, materials, workmanship, and feeling, due to the ca. 1970 and ca. 1989 additions, which more than quadrupled the building's square footage. Subsequent alterations replaced windows and doors.

Evaluation

The industrial building at 1124 54th Avenue E was constructed ca. 1968. The original use of the building is unclear; however, by 1978, the building was used as a distribution center for Coors of Tacoma, Inc. (News Tribune1978). By 1990, the industrial building was used as a food processing plant, and today it is used as the Lusamerica Fish (News Tribune 1990). The industrial building does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). While the original portion of the building features a few Modern features, such as the wide roof overhang and ribbon windows, the building as a whole does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and irretrievable loss of integrity, Historical Research Associates, Inc., recommends 1124 54th Avenue E is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description: According to the Pierce County Assessor, the resource at 1124 54th Avenue E was constructed as three buildings. The first building was constructed in 1968, with two large buildings added in 1970 and 1989 (Pierce County Assessor 2022). However, the third building was constructed to connect all three buildings into one. Therefore, HRA assumes the industrial property is one building constructed in three phases. Based on a review of historic aerial photographs, an additional detached outbuilding was constructed between 1990 and 2002 (NETROnline 2022).

The two-story, irregularly shaped industrial building faces south toward 12th Street E. It sits on a poured-concrete foundation and is clad in various materials. The 1968 building is clad in stucco. The 1970 building is constructed of concrete block with vertical boards under the gables. The 1989 addition that joined them is clad in concrete panels or is constructed of concrete. The building is topped by a flat, likely built-up roof with a side-gabled roof clad in asphalt shingles on the 1970 addition. The building's main facade (south elevation) is split into three bays: the west end, central entrance, and east end. The west end features two loading bays, each with a metal pedestrian door; an elevated double-door secondary entry between the loading bays with a metal awning; and fixed vinyl-frame windows on the second floor. The central entrance is recessed and features business signage and a large awning over the building's main double-door entry, which is flanked by fixed, aluminum windows. Concrete steps and ramp lead to the entrance. An exterior staircase east of the entrance leads to a second-floor entrance, and vinyl-frame fixed and sliding windows are located on the second floor. The east end is connected to the central entrance by a recessed one-story hallway with a secondary entrance under a wide roof overhang. The east end features an elevated loading bay under a metal awning supported by metal columns; a metal garage door with ribbon windows in the center; and a secondary entrance west of the garage door. Additionally, the east end features wide roof overhangs and ribbon windows on the second floor that wrap around its southwest corner.

The east elevation can be split into two parts, the south and the north end. The south end features a one-and-one-half-story projecting addition with ribbon windows and irregularly spaced stucco pilasters on both the main building and the addition. The north and south ends are connected through a one-and-one-half-story recessed addition with no visible fenestration. The north end features evenly spaced concrete pilasters with four bays of decorative concrete block, aluminum-frame sliding windows, and vertical wood siding under the gable.

The west elevation features an exterior metal staircase leading to a second story entrance and three vinyl fixed windows. The north elevation is not entirely visible from the public right-of-way, but includes two elevated loading bays, wide roof overhangs, and an elevated metal rear entry with concrete steps, metal railing, and fixed, aluminum windows. The detached outbuilding (ca. 1995) was not visible from the public right-of-way.

Bibliography:

NETROnline
2022 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed February 16, 2022.

News Tribune
1978 Coors is delighted to be in Tacoma. August 27:H-1.
1990 Food production plant needs new employees. June 12:B6.

Pierce County Assessor
2022 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis, accessed February 8, 2022.

Historic Property Report

Resource Name: Warehouse

Property ID: 721091

Location

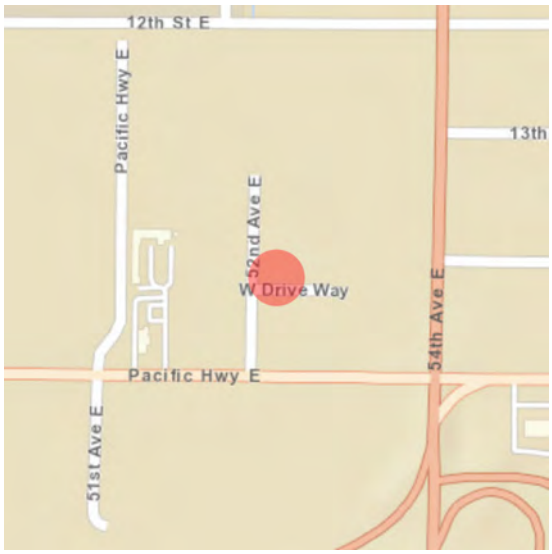

Address: 1401 52nd Ave E, Tacoma, Washington, 98424

Geographic Areas: T20R03E01, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
	1962	☑
Built Date	1962	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Warehouse

Property ID: 721091

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Warehouse

Property ID: 721091

Photos

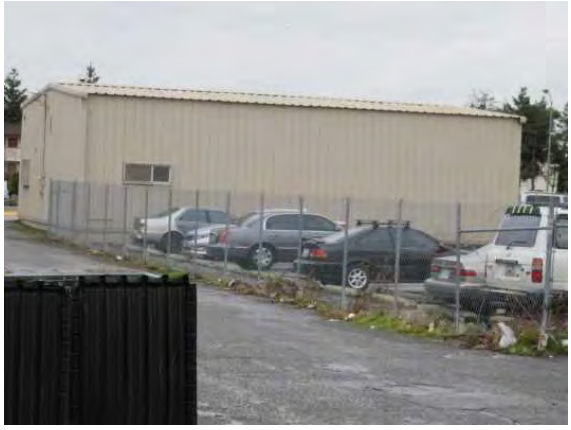

Parcel 0320018018 1401 52nd Avenue E, view west.jpg

Parcel 0320018018 1401 52nd Avenue E, view southeast.JPG

Historic Property Report

Resource Name: Warehouse

Property ID: 721091

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Metal
Form Type	Utilitarian
Roof Type	Gable - Side
Roof Material	Metal - Standing Seam
Plan	Square
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1962), the warehouse at 1401 52nd Avenue E retains integrity of location, setting, design, materials, workmanship, feeling, and association.

Evaluation

The metal-clad warehouse at 1401 52nd Avenue E was constructed in 1962. It is utilitarian in character and research did not reveal its original use. The building does not appear, based on a review of historic maps and local histories, to be associated with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in character, featuring few distinctive details apart from its modest plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc. recommends that the warehouse at 1401 52nd Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1401 52nd Avenue E was constructed in 1962 (Pierce County Assessor 2020). The square, single-story building faces west toward 52nd Avenue E. The building sits on a poured-concrete foundation, is clad in ribbed, metal panels and is topped by a shallow, side-gabled roof of standing-seam metal. The building's facade includes three garage bays and a single pedestrian door at the southwest corner under a metal awning. The building includes one aluminum-framed window on both the south and east elevations.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: United States Post Office

Property ID: 721092

Location

Address: 1421 52nd Ave E, Tacoma, Washington, 98424

Geographic Areas: T20R03E01, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
	1966	☑
Built Date	1966	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Government	Government - Post Office
Commerce/Trade	Commerce/Trade - Business
Government	Government - Post Office

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: United States Post Office

Property ID: 721092

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

Parcel 0320018018 1421 52nd Avenue E, view north

Parcel 0320018018 1421 52nd Avenue E, view northeast.JPG

Historic Property Report

Resource Name: United States Post Office

Property ID: 721092

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Metal
Form Type	Utilitarian
Roof Type	Flat with Eaves
Plan	Rectangle
Roof Material	Asphalt/Composition - Built Up
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1966), the U.S. Postal Service warehouse at 1421 52nd Avenue E retains integrity of location and setting, although alterations including recladding and window replacement have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Postal Service warehouse at 1421 52nd Avenue E is owned by Lortim Enterprises, LLC and appears to function as a storage or distribution facility for the U.S. Postal Service. It was constructed in 1966 and was recently associated with other users, including automobile auctioneers, which suggests that the Post Office may be a recent tenant. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in character and features few distinctive characteristics apart from its warehouse plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the U.S. Postal Service warehouse at 1421 52nd Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the U.S. Postal Service warehouse at 1421 52nd Avenue E was constructed in 1966 (Pierce County Assessor 2020). The wide, rectangular, single-story building faces east toward 52nd Avenue E. The building sits on a poured-concrete foundation, is clad in ribbed-metal panels, and is topped by a flat roof with parapet. The building's facade includes two aluminum-framed pedestrian doors, each accessed by a concrete ramp with pipe rail. Additionally, the facade includes a series of one-over-one, vinyl-framed windows. The building's south elevation, which faces parking lots, includes some original metal-framed windows, but the majority have been replaced with vinyl-framed sliding windows. A pedestrian door and swinging warehouse doors are centrally located below a wide metal awning. The building's east elevation includes a stepped-back bay with concrete pad.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: The Square at Fife

Property ID: 721093

Location

Address: 1414 54th Ave E, Tacoma, Washington, 98424

Geographic Areas: Pierce County, PUYALLUP Quadrangle, T20R03E01

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1966	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

Parcel 0320018018 1414 52nd Avenue E, view west.jpg

Parcel 0320018018 1414 52nd Avenue E, view north.jpg

Historic Property Report

Resource Name: The Square at Fife

Property ID: 721093

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Stone
Cladding	Metal
Form Type	Commercial - Mall
Roof Type	Flat with Parapet
Plan	L-Shape
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Poured Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1966), the strip commercial complex at 1414 54th Avenue E retains integrity of location and setting, although alterations to the facade, including new entries and new cladding, along with tenant turnover, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Square at Fife, located at 1414 54th Avenue E, was constructed in 1966. The relatively young shopping center was sited off Pacific Highway and designed to serve the local Fife community. Desktop research shows that the building was, at one time, connected by a covered drive to the Poodle Dog Restaurant to the south (outside the APE). However, the connection has been broken by the removal of the connecting roof and the renovation of the shopping center. The shopping center does not appear, based on a review of historic maps and local histories, to hold any specific historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed in the strip commercial plan, with wide facades promoting its various tenants. The building may, at one time, have included architectural elements consistent with its period of construction. However, the building has been heavily renovated and retains few architectural elements from the historic period (Criterion C). The building does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the shopping center at 1414 54th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the large strip-commercial complex known as The Square at 1414 54th Avenue E was constructed in 1966 (Pierce County Assessor 2020). The L-shaped complex faces east and south toward parking lots and 54th Avenue E. The building sits on a poured-concrete foundation, is constructed of concrete or concrete block, and is clad in a combination of materials, including pebbledash, synthetic paneling, and ribbed metal panels. The building is topped by a flat roof with parapet. The building's wide east-facing facade includes two enlarged entries, both with metal-clad pilasters flanking an entry of aluminum swinging doors flanked by large display windows and topped by large transoms. The entries shelter under projecting metal awnings. Above the awnings are signage for the primary tenants. Smaller tenant spaces, particularly those on the southern end of the complex, are identified by a single aluminum-framed door with single sidelight and transom under a projecting metal awning with signage above. The exception to this pattern is located on the northern leg of the L, where an additional anchor tenant is located. Here, the complex includes a concrete arcade with arched entries and concrete bench seating. The facade is ornamented with pebbledash siding.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Poodle Dog Restaurant

Property ID: 727593

Location

Address: 1522 54th Ave E, Fife, Washington, 98424

Tax No/Parcel No: 0320018017

Geographic Areas: Pierce County, Pierce County Certified Local Government, PUYALLUP Quadrangle, T20R03E01

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1966	☐
Remodel	1976	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Restaurant
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Commerce

Architect/Engineer:

Category	Name or Company
Builder	Merit Co.

Historic Property Report

Resource Name: Poodle Dog Restaurant

Property ID: 727593

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/10/2022	Survey/Inventory	

Photos

1522 54th Avenue E, view northwest.

1522 54th Avenue E, view west-southwest.

The Poodle Dog in Fife, 1949, courtesy of the Tacoma Public Library.jpg

1522 54th Avenue E office building portion, view southwest.

The Poodle Dog in Fife, 1970, courtesy of the Richards Studio Collection, Tacoma Public Library, as published in the News Tribune, 2021.jpg

1522 54th Avenue E office building portion, view southeast.

Inventory Details - 2/10/2022

Common name:

Date recorded: 2/10/2022

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Rolled
Cladding	Wood - Clapboard
Cladding	Stone
Cladding	Stucco
Cladding	Metal - Corrugated
Structural System	Masonry - Concrete Block
Plan	L-Shape

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative: Integrity

Constructed in 1966, the building at 1522 54th Avenue E is the third building at this location to house the Poodle Dog Restaurant, which was started by Rocco Manza and Emilio Zarelli as a hamburger stand in 1933. They remodeled the restaurant three times and rebuilt it twice before 1980 (News Tribune 1980). The date of the last remodel is unknown, but the building has been heavily altered since the 1970s, when the restaurant included battered corners, a geometric emphasis evident in its flat roof, flat eaves, vertical divisions, minimal windows, and dominant stone cladding, as well as a former example of its standalone sign. Additionally, based on a review of historic aerial photographs, the building originally abutted the north-adjacent commercial strip, but a portion of the commercial strip was demolished in 2016, creating a small driveway between the two buildings (Google Earth Pro 2022). Additional alterations are associated with successive renovations and rebuilds.

From its period of construction (1966), 1522 54th Avenue E retains integrity of location, setting, and association, but renovations and alterations have diminished the building's

integrity of design, materials, workmanship, and feeling.

Evaluation

The commercial building at 1522 54th Avenue E was constructed ca. 1966 for use as the Poodle Dog Restaurant and additional office space. When the Poodle Dog Restaurant was started as a hamburger stand in 1933, it included a bar with ten seats and two booths (News Tribune 1980). The original hamburger stand (40 feet long by 14 feet wide) was replaced in 1938 with the Poodle Dog Cafe (100 feet long by 50 feet wide), as well as the modern Century Ballroom directly north of the cafe (News Tribune 1938). The cafe was remodeled in 1949 in a Modern style with a large neon sign on top of the building and included private dining service and innovative new kitchen appliances, including automated machines to wash, polish, and sterilize the glasses, dishes, and silverware (News Tribune 1949). In 1964, the Century Ballroom burned down, and Rocco Manza and Emilio Zarelli built shops in its place. In 1966, they replaced the Poodle Dog Restaurant with a large building to accommodate family style dining, as well as office space, and then renovated the interior to make way for boardrooms and banquet rooms (Bluhm 2016; News Tribune 1985). The Poodle Dog Restaurant did not operate during World War II but has otherwise been a local gathering spot in Fife since 1933, appearing in the Tacoma News Tribune as the meeting place for clubs, local government, and large public gatherings for many years (News Tribune 1980). The commercial building is significant for its associations under commerce and as the home of an iconic local business (Criterion A).

Additionally, the building is associated with business partners Rocco Manza and Emilio Zarelli, who went into business together in 1933 and partnered with Bud Merritt in 1957 to form the Merit Co., a construction firm that continues to operate today. As part of the Merit Co., Manza and Zarelli constructed several buildings in Tacoma and elsewhere, including the Tacoma Doric Motor Hotel, the IBM building, the Sherwood Inn, the Social Security Building, and the Villa Plaza Mall (News Tribune 1980). The Merit Co. was also the general contractor for the Tacoma Dome in the early 1980s (News Tribune 1981). While the Merit Co. was originally located in Tacoma and is currently located in Lakewood, Zarelli and Manza worked from their personal offices in the Poodle Dog until they passed away in 1985 and 1999, respectively (Seattle Times 1999) (Criterion B).

The building is a modest example of the Modern commercial style and includes characteristics such as the pent roof overhang, projecting blade sign (although currently without signage), siding, windows, and freestanding neon sign that appear to date from the 1990s or later. Previous iterations of the building more clearly expressed the Modern style with canted window walls, dominant cut stone siding, and integrated neon signage. While the existing building embodies some of the distinctive characteristics of its type, period, and method of construction (those of a Modern commercial restaurant), it does not possess the aesthetic quality or character-defining features of previous Poodle Dog restaurant buildings with distinctive architectural features. The extant building does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The building at 1522 54th Avenue E is significant for its associations under Criterion A: Commerce and Criterion B for its association with business partners Rocco Manza and

Emilio Zarelli and their business operations. However, based on significant alterations that have obscured the building's historic-period character, it no longer expresses its significance. Due to an irretrievable loss of integrity, Historical Research Associates, Inc., recommends the Poodle Dog at 1522 54th Avenue E is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description: According to the Pierce County Assessor, the commercial building known as the Poodle Dog Restaurant at 1522 54th Avenue E was constructed in 1966 and includes a restaurant and separate office space (Pierce County Assessor 2022). In 1976, according to South Sound Magazine, the restaurant was renovated to include a bar, boardroom, and banquet rooms (Bluhm 2016). The one-story, L-shaped commercial building faces east toward 54th Avenue E. It sits on a poured-concrete foundation. It is clad in clapboard and cut stone on the east facade and south elevation; scored stucco on the north elevation; and corrugated metal and concrete block on the west elevation. It is topped by a flat roof likely clad in rolled asphalt with a pent roof overhang on the east facade clad in standing-seam metal.

The building's main facade (east elevation) includes two commercial double-door entrances with glass-block transoms and sidelights under two small pediments with signage indicating the "Poodle Room" and the "Pup Room." The restaurant roof includes a blade projection at the southeast corner. An additional storefront at the northeast corner, with a single door flanked by full length aluminum windows under a metal awning, is used by Farmers Insurance.

The building's north elevation features three metal awnings above one secondary and two commercial entrances (one presently used by a tattoo parlor) with full-height fixed windows. The south elevation features a pent roof overhang on the east half over fixed, aluminum windows and no overhang above the west half, which is clad in cut stone. The west elevation features two metal doors. Directly southeast of the building is a large, freestanding neon sign for the Poodle Dog Restaurant. It appears to postdate the restaurant but was designed to match elements found on an earlier Poodle Dog building. It advertises the "Poodle Dog, Good Food, Pup Room." A review of photographs from the 1970s suggests the building was likely renovated near the turn of the twenty-first century.

Bibliography:

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2016 Fife's Poodle Dog. South Sound Magazine, July 1. Electronic document, https://www.southsoundmag.com/eat-drink/fife-s-poodle-dog/article_b6f46042-ad5b-572a-bb52-d07d3937184f.html, accessed March 7, 2022.

Google Earth Pro
2022 Historical Imagery, Fife, Pierce County Washington. Electronic document, https://www.google.com/earth/index.html, accessed February 16, 2022.

News Tribune
1938 The Poodle Dog, Popular Fife Highway Restaurant, Completely Modernized. June 29:7.
1949 Modernistic New Highway Cafe Opens. November 9:8.
1980 Zarelli and Manza. March 23:D-8.
1981 Zarelli prod to be doing dome. April 27:A-3.
1985 Creative mind key to Zarelli success. August 25:C-5.

Pierce County Assessor
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Seattle Times
1999 'Mac' Manza, Owned Poodle Dog Restaurant. April 2:B5.

Historic Property Report

Resource Name: Commercial Building

Property ID: 727590

Location

Address: 5303 Pacific Hwy E, Fife, Washington, 98424

Tax No/Parcel No: 0320014029

Geographic Areas: Pierce County, PUYALLUP Quadrangle, Pierce County Certified Local Government, T20R03E01

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1959	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 727590

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/10/2022	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 727590

Photos

5303 Pacific 5219 Pacific Highway E, view northeast.

5303 Pacific 5219 Pacific Highway E, view northwest.

Historic Property Report

Resource Name: Commercial Building

Property ID: 727590

Inventory Details - 2/10/2022

Common name:

Date recorded: 2/10/2022

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Hip
Roof Type	Flat with Parapet
Roof Material	Metal - Standing Seam
Structural System	Masonry - Concrete Block
Plan	Square
Cladding	Brick
Cladding	Wood - T 1-11

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1959), 5303 Pacific Highway E retains integrity of location, and setting. Alterations including replaced doors and some windows, as indicated by variations in materials, and replacement siding detract from the building's integrity of design, materials, and workmanship. The building's original use is no longer evident, and it has lost integrity of feeling and association.

Evaluation

The commercial building at 5303 Pacific Highway E was constructed ca. 1959 and replaced an earlier commercial building. Its original use is unclear, but by 1989, it was known as the Al Meier's Building Centers (News Tribune 1989). It is now a cannabis dispensary known as the Gallery. The commercial building is one of many commercial buildings added alongside northwest highways and freeways in the mid- to late twentieth century. Although part of the commercial fabric of the region, the building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is a Modern, one-part commercial block, square in plan, with few character-defining features of the historic period. It does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 5303 Pacific Highway E is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 5303 Pacific Hwy E was constructed in 1959 (Pierce County Assessor 2022). Generally square in plan, the commercial building faces south toward Pacific Hwy E. The single-story building includes a partial second story on the rear third of the building. The building sits on a poured-concrete foundation, is constructed of concrete block, and its facade is clad in brick. The rear second story is clad in T1-11 on its facade. Painted concrete block is visible on remaining elevations. The building is topped by a shallow hip roof of standing-seam metal, with a pent roof overhang on the facade and on east and west parapets on the partial second story. The building's main facade (south elevation) features a commercial glass double-door entrance set among nearly full-height aluminum windows. The west elevation features an enclosed window and a shallow projecting secondary entry with a ribbon of aluminum windows above rusticated concrete block. The entry leads to a room of postal service boxes. North of the projecting entry, the west elevation features a metal door and a garage door on the first floor with a metal exterior staircase leading to an entrance at the mezzanine that includes a curved awning over a commercial glass door, aluminum-frame windows, and glass-block windows. The north and east elevations abut the adjacent commercial building.

Bibliography:

News Tribune
1989 Lumber & Home Center Personnel. January 26:C6.

Pierce County Assessor
2022 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis, accessed February 8, 2022.

Historic Property Report

Resource Name: Commercial Building

Property ID: 727587

Location

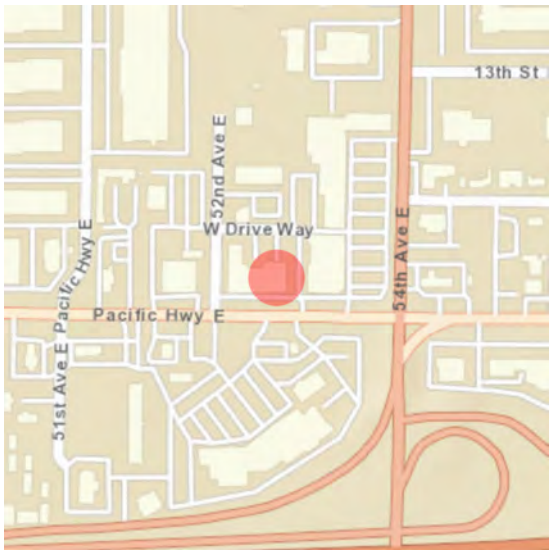

Address: 5219 Pacific Hwy E, Fife, Washington, 98424

Tax No/Parcel No: 0320014040

Geographic Areas: PUYALLUP Quadrangle, Pierce County, T20R03E01, Pierce County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1931	☑
Addition	1950	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 727587

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/10/2022	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 727587

Photos

5219 Pacific Highway E, view north-northwest.

Pacific Highway E, view southwest.

5219 Pacific Highway E, view northwest.

Historic Property Report

Resource Name: Commercial Building

Property ID: 727587

Inventory Details - 2/10/2022

Common name:

Date recorded: 2/10/2022

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Flat with Parapet
Roof Type	Shed
Roof Material	Asphalt/Composition - Built Up
Roof Material	Asphalt/Composition - Rolled
Plan	Rectangle
Structural System	Wood - Balloon Frame
Cladding	Metal - Corrugated
Cladding	Wood - T 1-11

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1931), 5219 Pacific Highway E retains integrity of location, setting, and association, as it continues to serve as a commercial building on its original parcel. It has lost integrity of design, materials, workmanship, and feeling, due to a large ca. 1950 addition that doubled the size of the building, as well as renovations that replaced siding, some windows, and doors, and added a garage door to the facade.

Evaluation

The commercial building at 5219 Pacific Highway E was constructed ca. 1931 along Pacific Highway, which was completed in 1927. Pacific Highway was a crucial transportation corridor between Seattle and Tacoma that drew commercial development and provided new markets for the agricultural communities of Fife and Milton (Caldbick 2013). The original use of the building is unknown; however, as early as 1977, it was used by Fife National Auto Parts. By 2012, it was used as Louie G's Pizza (News Tribune 1977, 2012). Although part of the commercial fabric of the region, the building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building is a modest early-twentieth century one-part commercial block with altered fenestration on the facade and few character-defining features remaining from the historic period. It does not embody the distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and an irretrievable loss of integrity, Historical Research Associates, Inc., recommends 5219 Pacific Highway E is not eligible for listing in the National Register of Historic Places or Washington Heritage Register under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 5219 Pacific Highway E was constructed in 1931 (Pierce County Assessor 2022). Based on a review of historic aerial photographs, an addition that doubled the size of the building was constructed along the north (rear) elevation between 1940 and 1955. It includes three shed roofs, or half-gables, likely constructed with clerestories (NETROnline 2022). While some windows are visible, if the clerestory included ribbons of windows, they have been covered or replaced.

The one-story, rectangular commercial building faces south toward Pacific Highway E. It sits on a poured-concrete foundation, is wood frame, is clad in corrugated metal panels with T1-11 along one half-gable, and is topped by a flat, likely built-up roof on the original portion of the building and three parallel shed roofs clad in rolled asphalt on the addition. The building's main facade (south elevation) features three sets of nearly full-length fixed aluminum windows, a garage door, and two commercial glass doors, one in a recessed entry, under a curved, full-width awning. The west elevation is only separated from the adjacent building by a few feet and includes no visible fenestration. The east elevation features two metal doors that provide access to the building's addition. The varied rooflines are clearly visible from the east elevation, and one has a screened vent or window. The north elevation features a metal awning over a loading area with a ramp and wooden double doors.

Bibliography:

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2013 Puyallup Avenue Bridge. HistoryLink.org Essay 10423. Electronic document, https://www.historylink.org/File/20874, accessed August 13, 2020.

NETROnline
2022 Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com, accessed February 16, 2022.

News Tribune
1977 There's a Car Care Man near you. August 11:C-3.
2012 nightlife. September 14:25.

Pierce County Assessor
2022 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis, accessed February 8, 2022.

Historic Property Report

Resource Name: Kitsap Bank

Property ID: 721413

Location

Address: 5209 Pacific Hwy E, Tacoma, Washington, 98424

Tax No/Parcel No: 320014042

Geographic Areas: PUYALLUP Quadrangle, T20R03E01, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1958	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Kitsap Bank

Property ID: 721413

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

5209 Pacific Highway E, view northeast

5209 Pacific Highway E, view southeast

Historic Property Report

Resource Name: Kitsap Bank

Property ID: 721413

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Stucco
Cladding	Brick
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1958), the commercial building at 5209 Pacific Highway E retains integrity of location and setting, although alterations, including recladding, window replacement, and a large addition, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 5209 Pacific Highway E was constructed in 1958. The building is now used as a Kitsap Bank branch. It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial building with few distinctive characteristics from the historic period, apart from its massing and strip commercial entrances (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 5209 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 5209 Pacific Highway E was constructed in 1958 (Pierce County Assessor 2020). In the 1990s, a large addition was constructed on the north side of the building. At the time of survey, the one-story, rectangular building faced west toward 52nd Avenue E. The building sits on a poured-concrete foundation, is clad in stucco and brick veneer, and is topped by a flat built-up roof. There are two small projecting gable entrances clad in standing-seam metal sheets on the west side. The aluminum-framed windows appear to be replacements. The large wide eave on the west side creates a covered walkway for customers.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed June 4, 2020.

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Historic Property Report

Resource Name: Fife Furniture Store

Property ID: 721087

Location

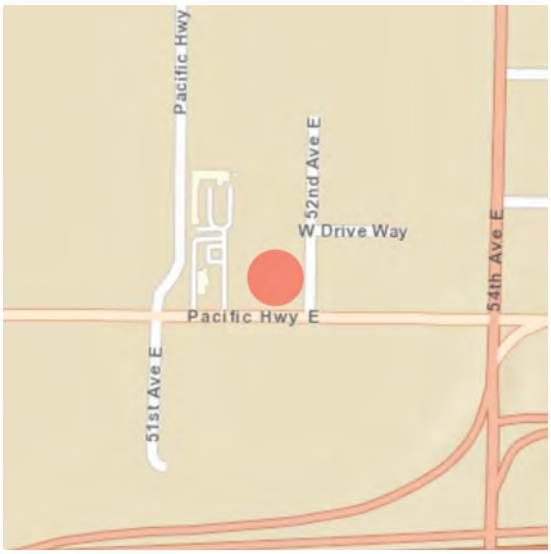

Address: 5121 Pacific Hwy E, Tacoma, Washington, 98424

Geographic Areas: PUYALLUP Quadrangle, T20R03E01, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1962	☑
Addition	1977	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company
Builder	Russ Davis Construction Co
Architect	Ken Wallin / Coast Home Planning

Historic Property Report

Resource Name: Fife Furniture Store

Property ID: 721087

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

5121 Pacific Highway E, view northwest.jpg

5121 Pacific Highway E, view north.jpg

Historic Property Report

Resource Name: Fife Furniture Store

Property ID: 721087

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial - Shopping Center
Foundation	Concrete - Poured
Cladding	Wood
Cladding	Concrete - Block (cmu)
Plan	Rectangle
Roof Type	Flat with Eaves
Structural System	Masonry - Concrete Block
Roof Material	Asphalt/Composition - Built Up

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1962), the one-part commercial block at 5121 Pacific Highway E retains integrity of location and setting, although alterations to fenestration, recladding, and an addition to the west have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 5121 Pacific Highway E was constructed in 1962 and is an example of a Modern, one-part block with consistent elevations on the primary mass and large ribbons of display windows. The building was likely sited for its proximity to Pacific Highway. However, the commercial building does not appear, based on a review of historic maps and local histories, to hold any associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a Modern commercial block, featuring few distinctive characteristics apart from its boxy plan and tall windows (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the commercial building at 5121 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the square, one-part commercial block at 5121 Pacific Highway E was constructed in 1962 (Pierce County Assessor 2020). The building's storefronts face south toward Pacific Highway E, east toward 52nd Avenue E, and west toward parking spaces. The building sits on a poured-concrete foundation, is of concrete construction with some wood sheet cladding, and is topped by a flat roof with eaves. A wood-framed addition was added to the west elevation in 1977 (Pierce County Assessor 2020). The building is surrounded by a concrete sidewalk that includes concrete steps up to each tenant's entry. On the east and south elevations, swinging pedestrian doors are paired with ribbons of floor-to-ceiling fixed lights, some of which have been boarded up with panels of wood sheet. Decorative concrete block is used on the original mass's southwest and northeast corners. The building's west elevation, part of the addition, includes square, aluminum-framed windows and paired aluminum-framed doors. The building's entries shelter under a deep, projecting, metal eave.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Pacific Highway, Fife vicinity

Property ID: 722123

Location

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1926	☑

Historic Use:

Category	Subcategory
Transportation	Transportation - Road-Related (vehicular)
Transportation	Transportation - Road-Related (vehicular)

Historic Context:

Category
Transportation

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Resource Name: Pacific Highway, Fife vicinity

Property ID: 722123

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/5/2020	Survey/Inventory	

Photos

Pacific Highway, view east

Pacific Highway, view east

Pacific Highway, view east

Pacific Highway, view east

Inventory Details - 6/5/2020

Common name:

Date recorded: 6/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Plan	Polygonal

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1926), State Route 99, aka Pacific Highway E or Old Pacific Highway, retains little integrity of location, setting, design, materials, workmanship, feeling, or association, as it has been altered by improvements, widening, new construction, and extensive infill development along its borders. The resulting highway bears little resemblance to the highway constructed in the 1920s (Artifacts 2014; NETROnline 2020).

Evaluation

In the early twentieth century, a number of events and trends led to the establishment of Washington's state highways. The first automobile to reach Tacoma did so in1900, when there were only about 4,000 cars in the U.S. By 1905, when there were 78,000, the Washington Good Roads Association, a group of enthusiasts and early automobile owners, led Washington to establish a state Highway Board and appoint a State Highway Commissioner. At that time, roads were built ad hoc as needed, primarily for horse-drawn vehicles and primarily by counties. Few personal automobiles were bumping along Washington's county roads. The Permanent Highway Act of 1911 transferred road building and funding from the counties to the state. By 1913, Washington had identified nine primary highways by name, including the Pacific Highway. Secondary highways received numbers. A 1915 description of the new Pacific Highway route said it would start at the Canadian border at Blaine and travel south through towns including Bellingham, Everett, Seattle, Tacoma, Olympia… "to the southern boundary line at the city of Vancouver, to be known as the Pacific Highway" (Caldbick 2013).

As the states established their early highway systems, the nationwide Good Roads Movement convinced the federal government to pass the Federal Aid Road Act in 1916, providing funding for a national system of connected roadways. The Pacific Highway would be one of the first to benefit. Additional events, including the U.S. involvement in World War I, convinced the federal government that it was necessary to connect the nation by roadway in order to easily move troops and goods. In 1921, the Federal Highway Act prioritized this nationwide system of roads, even as builders were experimenting with various roadway surfaces including pavement, crushed rock, and concrete and construction continued on the Pacific Highway. By 1924, the Pacific Highway was 90 percent complete and called "the world's most perfect highway" by

Highway Magazine (Caldbick 2013).

Throughout the 1920s, as personal vehicles gained explosive popularity, Washington added miles of improved highways. By 1926, Washington had established 15 primary highways, including State Route 99, which traveled over parts of the old Pacific Highway (Artifacts 2014). A comparison of historic aerial photos show that by 1940, the Pacific Highway through Fife was narrower and ran primarily through agricultural lands. The only commercial development at that time was clustered near the intersection of 54th Ave. E. By 1968, I-5 had been constructed to the south of the highway and development had increased along the highway's borders, as it would throughout the late twentieth and early twenty-first centuries (NETROnline 2020).

As part of one of the state's first highways, sections of State Route 99 in the APE, including Old Pacific Highway and Pacific Highway E, are significant for their association with transportation. The route is associated with the Good Roads Movement, both in Washington and nationwide, and was designed as part of a state and national network of highways designed to move people between population centers, leading to increased population growth, development, and recreation in western Washington (Criterion A). Preliminary research did not suggest that the highway holds a strong association with the lives of significant persons (Criterion B). The traditional route of the Pacific Highway (State Route 99) no longer follows its original path, nor retains its original design or construction materials. It is not indicative of any particular advancement in engineering. The highway is not a distinctive example of a particular type, period, or method of construction. It is not the work of a master and does not possess high artistic values. Based on alterations to the historic-period route and loss of integrity, it does not represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the roadway was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

WSDOT provides statewide guidance on the evaluation of historic period highways, noting that while many state highways are significant, few possess sufficient integrity of road widths, shoulders, and setting to qualify for listing:

Population growth has fostered the development of larger and safer roadways, resulting in significant modifications to facilitate increased traffic volumes on interstates, and many cross-state and regional highways. The vast majority of historic highways (26) surveyed and evaluated as part of the 2015 WSDOT study were found to be substantially modified to the point of possessing little distinguishing historical character… Results of the 2015 WSDOT study indicate that highways with the highest integrity were often those located in remote and rural areas near small population centers in Washington State with minimal transportation volume. Moreover, unchanged segments were often sited near topographic or landscape features, such as shorelines and cliffs, which constrain the ability to modify the principal components of the highway, primarily road prism configuration. [WSDOT 2017]

The Pacific Highway has been greatly enlarged to manage increased traffic and has been "substantially modified to the point of possessing little distinguishing historic character" (WSDOT 2017). Due to an irretrievable loss of integrity, HRA recommends that the sections of the former Pacific Highway (State Route 99) within the APE do not qualify for listing in the NRHP under any criteria.

Physical description:

State Route 99, as it runs through Tacoma and Fife, is known as the Old Pacific Highway and Pacific Highway E. State Route 99 was one of fifteen highways established by the state's early Department of Highways in 1926, although sections of the roadway were in place earlier and known as the Military Road, Pacific Highway, and State Route1. The road connects cities and towns throughout western Washington, including Tacoma and Seattle, with some interruptions, although the primary route was designed to run along the entire Pacific Coast from Mexico to Canada. In general, State Route 99 is now a multilane highway with both divided and undivided sections. Since its designation as State Route 99, the road has been repaved, widened, and shifted west of its original route. New signals, intersections, lighting, and guardrails have been added. Within the APE, the route is broken up by named streets including Puyallup Avenue. Infill development and improved borders have obscured its original roadside character, although some resources, including roadside diners and motels, remain. The construction of I-5 alongside State Route 99 in the APE has altered historic transportation patterns, guiding high-speed traffic away from roadside attractions on State Route 99 (Artifacts 2014). Today, State Route99 begins where Puyallup Ave. crosses east over the Puyallup River. It runs east through Fife, curves north alongside I-5, runs north through Federal Way, and terminates briefly where it crosses SR 518 at Sea-Tac before resuming its northern route.

Within the APE, Pacific Highway is a five-lane roadway running east from the Puyallup River through Fife (two lanes running each direction divided by a center lane with occasional additional turn lanes). The roadway is bound on the north and south by planting strips and sidewalks interrupted by numerous driveways. Development alongside the roadway is generally commercial with a mix of buildings dating primarily from the 1940s through today. A small amount of residential architecture, much of which has been converted to commercial use, dates to the 1920s and 1930s. As the roadway bends north (to the west of 65th Ave. E), it narrows to four lanes with no center turn lane. There, the edges are paved or unfinished with fewer improvements, and the character of roadside development changes. Residential development increases on a rising hillside to the west. Commercial development continues on the east. At Porter Way, the center turn lane is restored and commercial development continues along the roadside heading north.

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Historic Property Report

Historic Name: Skippers Seafood ‘n Chowder

Property ID: 731943

Location

Address: 4910 Pacific Hwy E, Fife, Washington, 98424

Geographic Areas: Pierce County, T20R03E01, Pierce County Certified Local Government, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1980	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Restaurant
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

4910 Pacific Highway E, view southeast.

4910 Pacific Highway E, view southwest.

Historic Property Report

Historic Name: Skippers Seafood ‘n Chowder

Property ID: 731943

Inventory Details - 10/17/2023

Common name:	Dai Fuku Japanese Restaurant; Sushi Happy Teriyaki
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Cladding	Wood - T 1-11
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1980), the building at 4910 Pacific Highway E appears to retain integrity of location and setting, as it remains on its original parcel along a busy stretch of Pacific Highway E in Fife. It retains integrity of design, materials, workmanship, feeling, and association, as it continues to serve as a restaurant and no alterations are evident.

Evaluation

The restaurant at 4910 Pacific Highway E was constructed along a busy roadway in Fife in 1980 as Skippers Seafood ‘n Chowder. The chain remains and includes outlets throughout Washington. In 2001, this location became home to Dai Fuku Japanese Restaurant (Tacoma Public Library 2023). It was acquired by Bartz Investment LLC in 2018 (Pierce County Assessor 2023).

While the building is associated with commercial growth along Pacific Highway in Fife, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building appears to be an example of a fast food restaurant repurposed by subsequent users, with minimal ornamentation limited to applied boards and a Mansard-style eave. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and diminished integrity, Historical Research Associates, Inc., recommends 4910 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the restaurant at4910 Pacific Highway E was constructed in 1980 (Pierce County Assessor 2023). The building is a single-story tall, rectangular in plan and faces north toward Pacific Highway E, with paved parking to the north and west. The building sits on a poured-concrete foundation, is clad in T1-11 siding, and is topped by a flat, built-up roof. A freestanding sign near the highway reads“Sushi Happy Teriyaki.”

The building’s north-facing facade includes a corner entry door with glazing east of four square, fixed windows. Applied boards and window trim are used as ornament. The elevation is topped by a deep, projecting, standing-seam metal eave with restaurant signage.

The building’s west elevation includes a central entry door with glazing under a deep projecting eave covered in standing-seam metal panels and supported by square posts. No other fenestration is evident. Applied boards divide the elevation into gridded bays. Signage reads “Sushi Happy Teriyaki.”

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Historic Property Report

Resource Name: Residence

Property ID: 132648

Location

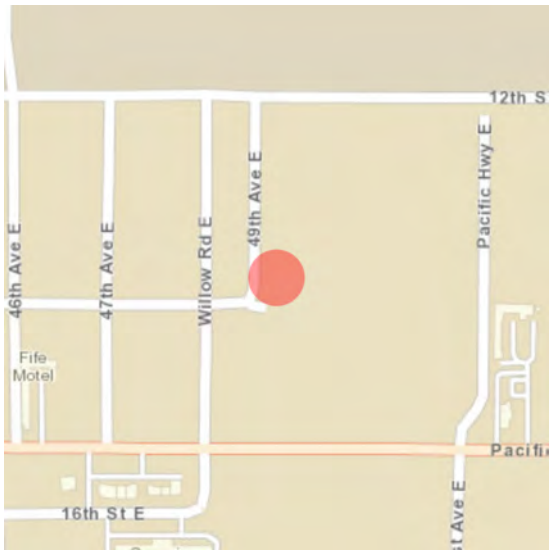

Address:	4817 15TH ST E, FIFE, WA
Tax No/Parcel No:	8905000780
Plat/Block/Lot:	Section 01 Township 20 Range 03 Quarter 43 TACOMA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R03E01

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1942	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 132648

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00079, , Assessors Data Project: Pierce County 2	7/2/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 132648

Photos

4817 15th St E, view east

4817 15th St E, view northeast

Historic Property Report

Resource Name: Residence

Property ID: 132648

Inventory Details - 7/2/2011

Common name:

Date recorded: 7/2/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 8905000780

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood

Surveyor Opinion

Physical description: The house at 4817 15th Street E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1942 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1963. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood. The county assessor also reports that there is a detached garage.

Historic Property Report

Resource Name: Residence

Property ID: 132648

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Cladding	Vinyl Siding
Plan	Rectangle
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Tudor

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1942), the residence and outbuilding at 4817 15th Street E retain integrity of location and setting, although window and siding replacement, along with alterations at the entry, have diminished the buildings' integrity of design, materials, workmanship, and feeling. The building remains a residence and retains integrity of workmanship.

Evaluation

The residence at 4817 15th Street E was constructed in 1942 as a single-family residence, likely with a detached garage. The buildings are not known to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a Tudor-inspired bungalow that retains few character-defining features from the historic period apart from its massing. The building has lost its original windows and siding. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the residence at 4817 15th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 4817 15th Street E was constructed in 1942 (Pierce County Assessor 2020). The building faces south away from 15th Street E and is paired with an outbuilding to the north that has been converted to additional living space. The one-and-one-half-story primary building sits on a concrete-block foundation, is clad in vinyl siding, and is topped by a cross-gabled roof of asphalt shingles. The building's south elevation includes an entry under a projecting awning that is minimally visible from the ROW. Windows are metal-framed sliders, and the building includes an exterior brick chimney on the west elevation. The secondary outbuilding also faces south. It includes an off-center entry under a projecting gable and flanked by multi-light, wood-framed windows. A temporary parking structure is attached at the building's western end.

Bibliography:

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Historic Property Report

Resource Name: Residence

Property ID: 130128

Location

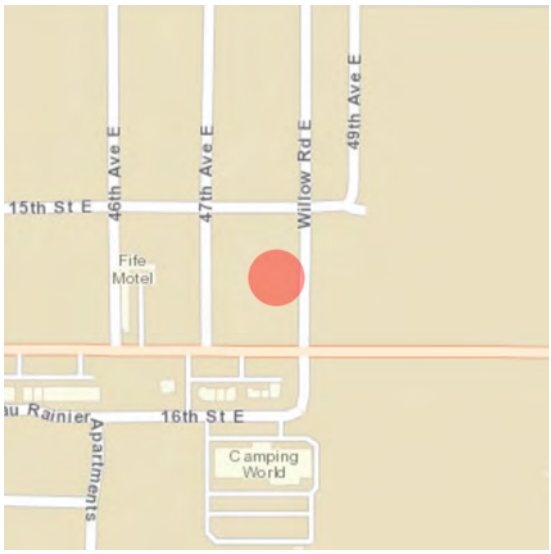

Address:	1416 WILLOW ST, FIFE, WA
Tax No/Parcel No:	8905000510
Plat/Block/Lot:	Section 01 Township 20 Range 03 Quarter 43 TACOMA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R03E01

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 130128

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00077, , Assessors Data Project: Pierce County	7/1/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 130128

Photos

1416 Willow Rd E, view northwest

1416 Willow Rd E, view west

Historic Property Report

Resource Name: Residence

Property ID: 130128

Inventory Details - 7/1/2011

Common name:

Date recorded: 7/1/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 8905000510

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood
Structural System	Wood - Platform Frame
Form Type	Single Dwelling
Roof Material	Asphalt/Composition - Shingle

Surveyor Opinion

Physical description: The house at 1416 Willow Street, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1950 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1967. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Historic Property Report

Resource Name: Residence

Property ID: 130128

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Vinyl Siding
Roof Type	Hip
Roof Material	Asphalt/Composition
Plan	Rectangle
Form Type	Single Dwelling - WWII Era Cottage
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1950), the residence at 1416 Willow Road E retains integrity of location and setting, although siding and window replacement have diminished its integrity of design, materials, workmanship, and feeling. It retains integrity of association, as it continues to serve as a residence.

Evaluation

The building at 1416 Willow Road E was constructed in 1950 as a single-family residence. The building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest World War II-Era Cottage that retains few character-defining features from the historic period apart from its massing. The building has lost its original windows and siding. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the residence at 1416 Willow Road E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 1416 Willow Road E was constructed in 1950 (Pierce County Assessor 2020). The building is a single story and faces west toward Willow Road E. The building sits on a concrete foundation, is clad in vinyl siding, and is topped by a hipped roof with central chimney. The building's facade includes a central entry under a projecting pediment flanked by one wood-framed picture window to the south and one sliding, vinyl-framed window to the north. The building's secondary north elevation is not visible from the ROW. Its secondary south elevation includes two vinyl-framed, one-over-one windows.

Bibliography:

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Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Residence

Property ID: 721784

Location

Address: 1417 47th Ave E, Tacoma, Washington, 98424

Tax No/Parcel No: 8905000380

Geographic Areas: PUYALLUP Quadrangle, T20R03E01, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721784

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 721784

Photos

1417 47th Ave, view northeast

1417 47th Ave, view east

Historic Property Report

Resource Name: Residence

Property ID: 721784

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Roof Type	Hip
Roof Material	Asphalt/Composition
Plan	Irregular
Form Type	Single Dwelling - WWII Era Cottage
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1950), the residence at 1417 47th Avenue E retains integrity of location and setting, although window and siding replacement, as well as a converted carport, have diminished its integrity of design, materials, workmanship, and feeling. The building retains integrity of association as it continues to serve as a residence.

Evaluation

The building at 1417 47th Avenue E was constructed in 1950 as a single-family residence. The building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest World War II-Era Cottage that retains few character-defining features from the historic period apart from its massing. The building has lost its original windows, siding, and carport. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Based on a lack of significance and integrity, Historical Research Associates recommends that the residence at 1417 47th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 1417 47th Avenue E was constructed in 1950 (Pierce County Assessor 2020). The building faces west. It sits on a poured-concrete foundation, is clad in fiber-cement boards, and is topped by a hipped roof with central chimney. The building's facade includes a projection on the south end with large, multi-light window. The building's entrance is located on the projection's north wall. The remainder of the facade features vinyl-framed windows and a carport that has been enclosed and converted to living space. Secondary elevations also include vinyl-windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Residence

Property ID: 130546

Location

Address:	1428 47TH AVE E, FIFE, WA
Tax No/Parcel No:	8905000243
Plat/Block/Lot:	Section 01 Township 20 Range 03 Quarter 43 TACOMA
Geographic Areas:	Pierce County, PUYALLUP Quadrangle, T20R03E01

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1952	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 130546

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-06-00077, , Assessors Data Project: Pierce County	7/1/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 130546

Photos

1428 47th Avenue E, view northwest.jpg

1428 47th Avenue E, view west.jpg

Historic Property Report

Resource Name: Residence

Property ID: 130546

Inventory Details - 7/1/2011

Common name:

Date recorded: 7/1/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 8905000243

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood
Roof Material	Asphalt/Composition - Shingle
Structural System	Wood - Platform Frame
Form Type	Single Dwelling

Surveyor Opinion

Physical description: The house at 1428 47th Avenue E, Fife, is located in Pierce County. According to the county assessor, the structure was built in 1952 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1968. The 1-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single-family form are clad principally in wood.

Historic Property Report

Resource Name: Residence

Property ID: 130546

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Single Dwelling
Plan	Rectangle
Foundation	Concrete - Block
Roof Type	Saltbox
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Clapboard
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1952), the residential building at 1428 47th Avenue E retains integrity of location and setting, although alterations and additions, including window replacement and a possible change of use, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The early ranch house at 1428 47th Avenue E was constructed in 1952, a period of post-war growth in Washington. The building does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest, altered example of a common type, the early ranch house, featuring the typical rectangular plan, although alterations and the addition of swinging doors on the facade have obscured its original character (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was likely constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 1428 47th Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-family residence at 1428 47th Avenue E was constructed in 1952 (Pierce County Assessor 2020). The single-story residence with a saltbox plan faces east toward 47th Avenue E. The building is rectangular in plan, sits on a concrete-block foundation, is clad in lapped wood boards, and is topped by a side-gabled, asphalt-shingled roof. The building's facade includes an off-center entry door with an uncovered stoop paired with vinyl-framed picture and sliding windows to the north and a pair of metal swinging doors to the south, suggesting that the building now has a commercial or public use. Side elevations include either no fenestration or vinyl-framed sliding windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Historic Property Report

Resource Name: Fife Motel

Property ID: 31788

Location

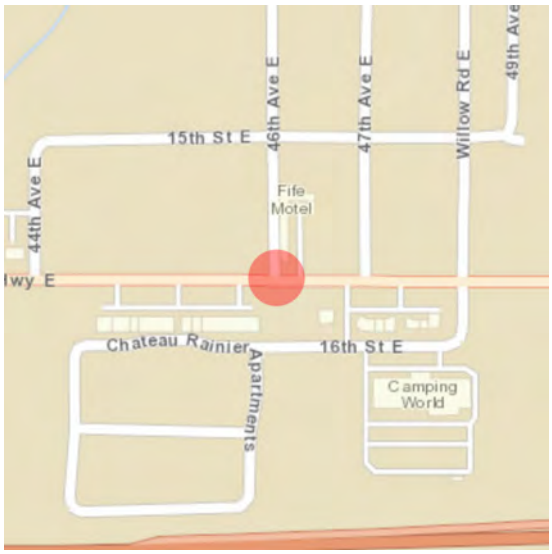

Address: 4601 Pacific Highway E, Fife, WA

Geographic Areas: Pierce County, T20R03E01

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Hotel
Domestic	Domestic - Hotel

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Fife Motel

Property ID: 31788

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Historic Property Report

Resource Name: Fife Motel

Property ID: 31788

Photos

4601 Pacific Highway E, view northwest.jpg

4601 Pacific Highway E, view southeast.jpg

4601 Pacific Highway E, view northwest_2.jpg

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:	Fife Motel
Date recorded:	1/1/1900
Field Recorder:	
Field Site number:	PC-93-8a-9a
SHPO Determination	

Historic Property Report

Resource Name: Fife Motel

Property ID: 31788

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - Shiplap
Form Type	Hotel/Motel
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Plan	L-Shape
Cladding	Wood - Plywood
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction, the Fife Motel at 4601 Pacific Highway E retains integrity of location, feeling, and association, although the expansion of the former Pacific Highway, the construction of I-5, as well as recladding, window replacement, and the loss of historic-period signage, have diminished its integrity of design, materials, and workmanship.

Evaluation

The Fife Motel was constructed in 1940 and sited along Pacific Highway, a popular transportation route through the region from the 1920s until I-5 was constructed in the 1950s and 1960s. Motels like this one, diners and cafes, gas stations, and other roadside conveniences cropped up along the highway to serve the growing population of personal automobile owners throughout the early to mid-twentieth century. The Fife Motel was likely sited along Pacific Highway to attract the attention of travelers making their way along the popular highway by car. It includes a large parking lot for visitors and is easily visible from the roadway itself. Based on its association with America's growing car culture, the Fife Motel is associated with important events and trends (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of modest World War II-era design, but retains few characteristics from this period, apart from its massing (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its lack of integrity, Historical Research Associates, Inc. recommends that the Fife Motel at 4601 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the Fife Motel at 4601 Pacific Highway E was constructed in 1940 (Pierce County Assessor 2020). The L-shaped motel faces east toward a parking lot and south toward Pacific Highway E. The single building sits on a poured-concrete foundation, is clad in a combination of v-notched boards and plywood, and is topped by a hipped, asphalt-shingled roof. The building is made of up of a series of World War II-era cottage-style units, each with a central entry under a shed-roofed awning supported by knee braces or curved Moderne brackets, flanked by vinyl-framed windows. The building's rear elevation, which faces Glenelg Street, or 46th Avenue E, is covered by plywood along most of its length, includes vinyl-framed sliding windows, and retains evidence of covered openings, including awning and stairs that are no longer associated with an entry door. The motel's sign is modest, featuring a red board with "Fife Motel" over a small, neon vacancy/no vacancy sign.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Historic Name: Fife Business Center

Property ID: 731944

Location

Address: 4630 16th St E, Fife, Washington, 98424

Geographic Areas: Pierce County Certified Local Government, T20R03E12, Pierce County, PUYALLUP Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1979	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Fife Business Center

Property ID: 731944

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Fife Business Center

Property ID: 731944

Photos

4630 16th Street E, view southeast.

4630 16th Street E, view west.

4630 16th Street E, view southwest.

Historic Property Report

Historic Name: Fife Business Center

Property ID: 731944

Inventory Details - 10/17/2023

Common name:	Fife Business Center
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete
Structural System	Masonry - Poured Concrete
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1979), the building at 4630 16th Street E appears to retain integrity of location and setting, as it remains on its original parcel in a relatively industrial section of Fife. It appears to retain integrity of design, materials, workmanship, feeling, and association, as no alterations, apart from those associated with tenant turnover, are evident.

Evaluation

The Fife Business Center was constructed at 4630 16th Street E in 1979 to provide office and industrial space to Fife businesses. According to Pierce County Assessor's records, units are individually owned, but the complex has been owned by MCA IGF Fife LLC of Santa Ana, California, since 2021 (Pierce County Assessor 2023). The complex hosts numerous users from the trades, including electrical and plumbing contractors.

While the building is associated with commercial growth along Pacific Highway in Fife, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as flexible warehouse and office spaces and features few character-defining features apart from its large footprint, massing, and projecting eaves. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 4630 16th Street E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the Fife Business Center located at4630 16th Street E includes two buildings, one of which was constructed in 1979 (Pierce County Assessor 2023). The other was constructed in 1982. Due to its age, it was not recorded. The 1979 building is rectangular in plan, a single-story tall, and faces east. It is surrounded by a secured fence and parking on all sides. The building sits on a poured-concrete foundation, is constructed of tilt-up concrete, and is topped by a flat roof with deep awnings over individual storefronts.

The building's main facade faces east and includes five covered bays, each with a ribbon of metal-frame windows, a glazed pedestrian door, and a deep standing-seam metal awning. Between projecting storefronts are either recessed entries, also with glazed doors and windows under awnings, or garage bays with overhead doors. Signage is located above the entries, and businesses currently include, among others, Pacific Mechanical and Electric, Roto Rooter, BB Electric, and Imperial Vending Services (Pierce County 2023). The building's north and south elevations each include a single tenant's projecting entry and concrete walls, with overhead garage door. The building's west elevation also includes five projecting entries and overhead garage doors. The south elevation was not visible from the public right-of-way.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County
2023 Pierce County Public GIS. Aerial photographs, 1945–2019. Electronic document, https://matterhornwab.co.pierce.wa.us/publicgis/, accessed January 27, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Resource Name: Rhino Staging Northwest

Property ID: 721411

Location

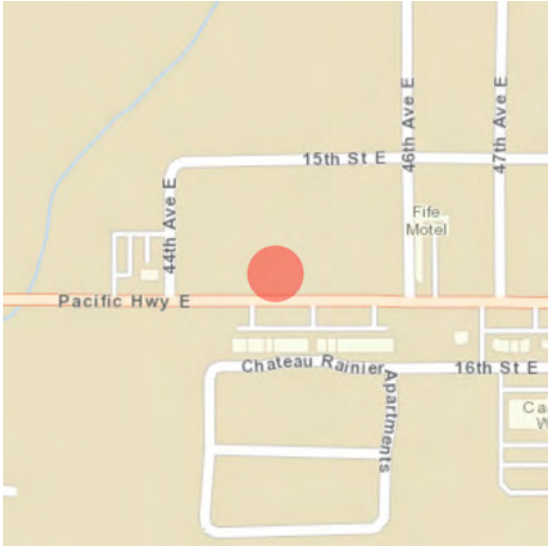

Address: 4419 Pacific Hwy E, Tacoma, Washington, 98424

Geographic Areas: PUYALLUP Quadrangle, T20R03E01, Pierce County

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

4419 Pacific Highway E, view northwest

4419 Pacific Highway E, view northeast

Historic Property Report

Resource Name: Rhino Staging Northwest

Property ID: 721411

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Stone
Cladding	Wood - Clapboard
Cladding	Metal
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - Two-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the commercial building at 4419 Pacific Highway E retains integrity of location and setting, although alterations including recladding and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 4419 Pacific Highway E was constructed in 1969. It is the home of Rhino Staging Northwest, an event staffing and production company. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building with some elements of Modern design evident in its massing. It is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 4419 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 4419 Pacific Highway E was constructed in 1969 (Pierce County Assessor 2020). The two-story, rectangular building faces south toward Pacific Highway E. The building sits on a poured-concrete foundation. It includes a projecting, single-story entry clad in a skirt of stone veneer installed over horizontal wood clapboard (visible on side elevations) topped by ribbed metal panels. Secondary elevations are also clad in metal. The building is topped by a flat built-up roof with deep eaves. The windows are aluminum framed; some are in altered fenestration.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Kaelin, Susan. 2011. Fife: Images of America. Arcadia Publishing.

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Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed June 4, 2020.

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Historic Property Report

Historic Name: BJ's Bingo and Gaming

Property ID: 731946

Location

Address: 4407 Pacific Hwy E, Fife, Washington, 98424

Geographic Areas: T20R03E01, PUYALLUP Quadrangle, Pierce County Certified Local Government, Pierce County

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☐
Addition	1985	☐
Addition	2000	☑
Remodel	2023	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: BJ's Bingo and Gaming

Property ID: 731946

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

4407 Pacific Highway E, view northeast.

Pacific Highway E, view southeast.

4407 Pacific Highway E, view west.

Historic Property Report

Historic Name: BJ's Bingo and Gaming

Property ID: 731946

Inventory Details - 10/17/2023

Common name:	BJ's Bingo and Gaming
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Type	Gable
Roof Material	Asphalt/Composition - Built Up
Roof Material	Metal - Standing Seam
Cladding	Metal
Cladding	Wood - Vertical Boards
Plan	Irregular

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1978), BJ's Bingo and Gaming at 4407 Pacific Highway E has been greatly enlarged. The former rectangular building was joined to a northern building constructed in 1985, and then expanded again throughout the 2000s (NETROnline 2023; Pierce County Assessor 2023). It is currently being expanded once more. The rear elevation shows what may have been original vertical board siding. However, the remainder of the building has since been wrapped in metal siding, its entries have been enlarged, and its original materials replaced. The building retains very little of its original character. It retains integrity of location, as it remains on its original parcel. It does not retain integrity of setting, design, materials, workmanship, feeling, or association due to the demolition of nearby buildings, additional construction, new materials, and an expanded use.

Evaluation

The casino at 4407 Pacific Highway E, known as BJ's Bingo and Gaming, was constructed in 1978 and appears in newspapers in the mid-1980s as a Puyallup Tribe-licensed "bingo parlor" (Tacoma News Tribune 1985). It has been enlarged and substantially remodeled in recent years. It is currently owned and operated by the Puyallup Tribe of Indians (Pierce County Assessor 2023).

While the building is associated with commercial growth along Pacific Highway in Fife and has been a recreational gaming hall since the 1970s, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was originally constructed as a modest, rectangular building but has been substantially enlarged and recently renovated to feature new materials on the exterior, large, new entries, and balconies on the east elevation, obscuring its original character. It now resembles a new building. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 4407 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria. Based on its association with the Puyallup Tribe of Indians, HRA recommends that consultation may be required to accurately assess the property’s eligibility.

Physical description:

According to the Pierce County Assessor, the casino at 4407 Pacific Highway E was constructed in 1978 (Pierce County Assessor 2023).The building is two-stories tall, irregular in plan, and faces west toward paved parking. The building sits on a poured-concrete foundation, is clad primarily in ribbed metal panels with vertical boards on the rear (east) elevation, and is topped by a primarily flat roof with front-gabled, standing-seam metal projections over entries.

The building's main facade includes two entries. The southern entry includes signage for "BJ's Bingo and Gaming" on a projecting metal grid over recessed entry doors of black glass. Deep eaves are supported by ornament resembling projecting rafter ends. Flanking the entrance are walls of vertical and horizontal metal panels with an undulating skirt of applied stone veneer. Applied ornament includes a line of metal salmon paired with a wavy ribbon of metal resembling water. Between the southern and northern entrances are square, gridded metal windows. The building's northern mass projects and includes a large projecting pedimented entry. The projecting entry includes an upper story below a roof with deep eaves. The mass is supported by stone-clad posts. Beneath the projection is a covered walkway to the primary entry of black glass doors and windows. Windows on the upper projection are gridded metal. Large metal knee braces support the projecting eaves. The building's north elevation includes a series of projections with metal pedestrian doors under flat metal awnings. Materials include metal siding and applied ornament. The building's east elevation includes vertical board cladding, small aluminum-frame windows, systems, and new construction where the building is being expanded to the south. The building's south elevation, currently under construction, includes a large balcony with metal railings supported by posts clad in a veneer of stone.

Bibliography:

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1985 Reagan to Request Regulation of Bingo, November 15.

Historic Property Report

Resource Name: BJ's II Tobacco Co

Property ID: 721410

Location

Address: 4315 Pacific Hwy E, Tacoma, Washington, 98424

Tax No/Parcel No: 320013040

Geographic Areas: T20R03E01, Pierce County, PUYALLUP Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1970	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

4315 Pacific Highway E, view northwest

4315 Pacific Highway E, view northeast

Historic Property Report

Resource Name: BJ's II Tobacco Co

Property ID: 721410

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Cladding	Wood - Clapboard
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Vertical Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1970), the commercial building at 4315 Pacific Highway E retains integrity of location and setting, although alterations, including recladding and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 4315 Pacific Highway E was constructed in 1970 and is used as a market. It is owned by the Puyallup Tribe of Indians. The building is relatively young and does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 4315 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 4315 Pacific Highway E was constructed in 1970 (Pierce County Assessor 2020). The two-story, rectangular building faces south toward Pacific Highway E and includes a drive-thru window along the south elevation. The building sits on a poured-concrete foundation, is clad in T1-11 above wood clapboard, and is topped by a flat built-up roof. There is a canvas awning between the first and second floors on the east, west, and south elevations. The windows are aluminum framed; some are in altered fenestration.

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Historic Property Report

Resource Name: Marine View Ventures, Inc. Property ID: 31787

Location

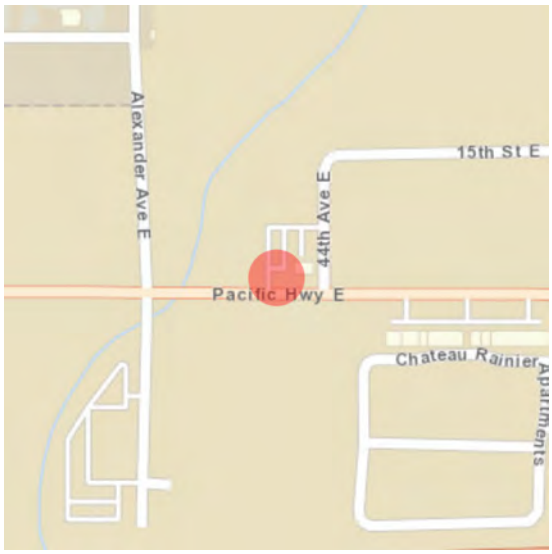

Address: 1409 Alexander Ave, Fife, WA

Tax No/Parcel No: 320017027

Geographic Areas: Pierce County, T20R03E01

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1922	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Marine View Ventures, Inc. Property ID: 31787

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Marine View Ventures, Inc. Property ID: 31787

Photos

1409 Alexander Avenue E, historic-period main building

1409 Alexander Avenue E, historic-period main building

1409 Alexander Avenue E, historic-period main building

1409 Alexander Avenue E, historic-period barn

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:

Date recorded: 1/1/1900

Field Recorder:

Field Site number: PC-93-12a

SHPO Determination

Historic Property Report

Resource Name: Marine View Ventures, Inc. Property ID: 31787

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Post & Pier
Cladding	Wood - Clapboard
Cladding	Wood - Shingle
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From the period of construction (1922), the commercial building and outbuilding at 1409 Alexander Avenue E retain integrity of location and setting, although alterations, including recladding, window replacement, altered fenestration, and large additions, have diminished the integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 1409 Alexander Avenue was constructed in 1922 as a single-family residence. It has been converted to commercial use and includes signage for Marine View Ventures, Inc., a professional services company. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Craftsman-style residence with some character-defining features from the historic period, including projecting gables with knee braces and original round windows. However, much of the historic character of the building has been obscured by renovations and additions (Criterion C). It no longer embodies the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building and outbuilding at 1409 Alexander Avenue E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 1409 Alexander Avenue E was constructed in 1922 (Pierce County Assessor 2020). The building was originally constructed as a residence with a large barn northeast of the house. In 2002, a large two-story addition was added to the north side of the house, more than doubling the original footprint. The addition also connected the house to what were originally two detached outbuildings northwest and east of the house. At the time of survey, the two-story, irregularly shaped commercial building faced west toward Alexander Avenue E. The building sits on a post-and-pier foundation, is clad in horizontal wood boards and wood shingles, and is topped by a cross-gabled asphalt roof. The main entrance of the building has been enclosed with the new entrance now located on the addition. The original entry porch is noted by a small gabled roof extension near the southwest corner of the building. The original porch stairs have been removed. The southwest portion of the building retains some of its original wood-framed windows, including the circular windows on the facade; however, most of the windows have been replaced with vinyl-framed windows with grids in altered fenestration patterns. The original house was in the Craftsman style. While the addition retains some typical features of the style, such as the window and door surrounds and brackets under the gables, it does not retain window style, fenestrations patterns, or materials.

A large detached outbuilding northeast of the main building was likely originally used as a barn. It is generally rectangular with a south end addition. The original structure is clad in horizontal wood siding and features wood windows and a gabled asphalt roof with exposed rafter tails. The barn's addition is clad in a combination of wood and stucco and is topped with a separate gable.

Bibliography:

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Historic Property Report

Resource Name: House

Property ID: 721409

Location

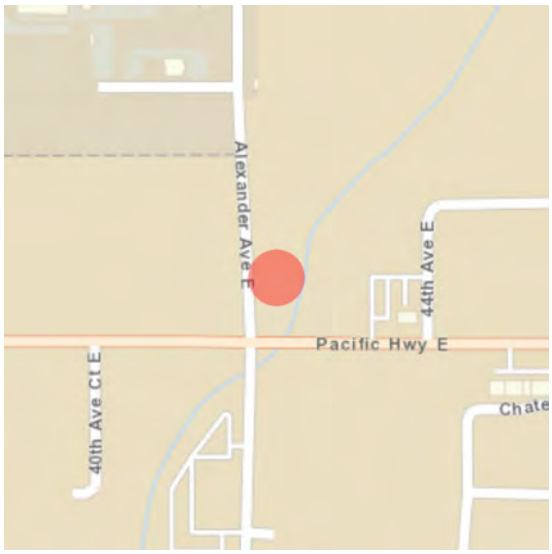

Address: 1501 Alexander Ave E, Tacoma, Washington, 98424

Tax No/Parcel No: 320013069

Geographic Areas: PUYALLUP Quadrangle, T20R03E01, Pierce County

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1935	☑
Remodel	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: House

Property ID: 721409

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

1501 Alexander Avenue E, view northeast

1501 Alexander Avenue E, view southeast.jpg

Historic Property Report

Resource Name: House

Property ID: 721409

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Wood - Clapboard
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Tudor - Composite

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1935), the building at 1501 Alexander Avenue E retains integrity of location and setting, although alterations, including recladding, window replacement, a change of use, and an addition, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The building at 1501 Alexander Avenue E was constructed ca. 1935 as a single-family residence. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered Minimal Traditional residence with elements of the Tudor Revival style. It retains some character-defining features from the historic period, including arched openings, telescoping gables, and steep roof pitches (Criterion C). However, much of its character has been obscured by alterations, and the building no longer embodies the distinctive characteristics of a particular type, period, or method of construction; or represents the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the building at 1501 Alexander Avenue E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1501 Alexander Avenue E was constructed in 1951 (Pierce County Assessor 2020). However the building was originally constructed as a single-family residence in the Tudor Revival style (ca. 1935), and appears in a 1940 aerial (NETROnline 2020). It has since been converted to commercial use. The two-story, irregularly shaped commercial building faces west toward Alexander Avenue E and has a one-story addition on the southeast corner. The building sits on a poured-concrete foundation, is clad in wood clapboards, and is topped by a cross-gabled asphalt roof with jerkinhead, or clipped gables. The windows are vinyl framed; some are shielded by awnings. The main entrance is accessed by a concrete stair to an arched entry under telescoping gabled projections. There is a two-story detached garage northeast of the building that features wood clapboard siding, a vinyl window, and a gambrel asphalt roof. Although the parcel includes a commercial parking lot, it is not clear how the building is presently used. It was transferred from private ownership to the Puyallup Tribe of Indians in 2016 (Pierce County Assessor 2020).

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Historic Property Report

Resource Name: Pick-Quick Drive In

Property ID: 104190

Location

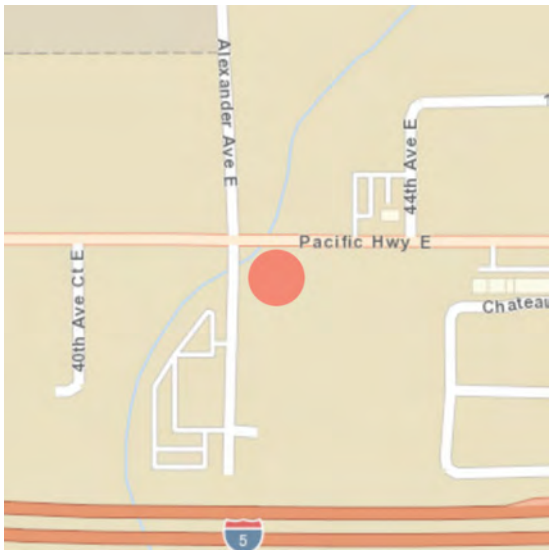

Address:	4306 PACIFIC HWY, FIFE, WA 98424
Tax No/Parcel No:	0320013135
Plat/Block/Lot:	Section 01 Township 20 Range 03 Quarter 34 : BEG S
Geographic Areas:	Pierce County, ORCHARDS Quadrangle, T20R03E01

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1949	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Restaurant
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2010-04-00035, , Pierce County	11/5/2009	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Pick-Quick Drive In

Property ID: 104190

Photos

4306 Pacific Highway E, view southwest.jpg

4306 Pacific Highway E, view southeast.jpg

detail of sign.

west facade.

various, outdoor seating.

NW facades.

Historic Property Report

Resource Name: Pick-Quick Drive In

Property ID: 104190

Inventory Details - 11/5/2009

Common name:

Date recorded: 11/5/2009

Field Recorder: Susan Johnson, Katie Chase, Artifacts Consulting

Field Site number: 0320013135

SHPO Determination

Detail Information

Characteristics:

Category	Item
Roof Type	Flat with Eaves
Plan	Irregular
Foundation	Concrete - Block
Structural System	Masonry - Concrete Block
Cladding	Concrete - Block (cmu)

Styles:

Period	Style Details
Modern Movement	Roadside

Surveyor Opinion

Property is located in a potential historic district (National and/or local): No

Significance narrative: The building at 4306 Pacific Highway in Fife is a restaurant. This resource is significant locally under Criterion C for the integrity of its architectural character.

Physical description: The building at 4306 Pacific Highway is located in Fife, Washington. The structure was built in 1950 (according to the county assessor) in the Roadside style. The building has an irregular plan and stands on a concrete block foundation. The 1-story concrete block building has a flat with eaves roof clad in unknown. The walls are clad in concrete block. There appear to be no alterations to the original plan. There is no discernable alteration to the original cladding. There appear to be slight alterations to the original windows. There are changes to the neon sign.

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Historic Property Report

Resource Name: Pick-Quick Drive In

Property ID: 104190

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Eaves
Plan	Rectangle
Cladding	Concrete - Block (cmu)
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Concrete Block
Cladding	Concrete - Poured

Styles:

Period	Style Details
Modern Movement	Modern
Modern Movement	Roadside

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1949), the roadside restaurant at 4306 Pacific Highway E retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it appears to be relatively intact and continues to serve its original function.

Evaluation

The Pick-Quick Drive-In was constructed in 1949 for Jay Adolph and Henriette Olsen, who served burgers, fries, and milkshakes from this location. Although the restaurant has changed hands many times, it is now, according to the company's website, owned by the Burgi family. Betty Burgi worked for the Olsens in 1952. In 2010, the business began to expand, opening locations in Auburn and Seattle (Pick-Quick 2020). The building is closely associated with the growing popularity of personal automobiles and the development of roadside amenities along the increasingly popular Pacific Highway during the mid-twentieth century (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a good example of mid-twentieth century roadside architecture. Although it is not distinctive enough to qualify as an example of the futuristic "googie" style, it features extensive use of neon and employs a distinctive architectural plan, the drive-thru restaurant plan, to minimize its footprint while maximizing commerce (Criterion C). The building does embody the distinctive characteristics of its type, period, and method of construction; although it does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and integrity, Historical Research Associates, Inc. recommends that Pick-Quick, the roadside restaurant at 4306 Pacific Highway E, is eligible for listing in the National Register of Historic Places under Criterion A for its associations with mid-century development trends, and under Criterion C as an example of roadside architecture. The building's period of significance dates to its construction in 1949. Though surveyed from the public right-of-way, Historical Research Associates, Inc. assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: According to the Pierce County Assessor, the one-part commercial block known as the Pick-Quick Drive-in, located at 4306 Pacific Highway E, was constructed in 1949 (Pierce County Assessor 2020). The small, irregular, single-story building faces north toward Pacific Highway E. It sits on a poured-concrete foundation, is of concrete block and poured-concrete construction with a parged surface and rounded corners, and is topped by a flat roof that includes a drive-thru bay at the north end. The drive-thru roof is supported by two concrete posts. The building is surrounded by paved parking, except to the southwest, where a grassy lawn is spread with picnic tables. The building's two pedestrian entry doors are located on its east elevation, but the building's facade is its north-facing, drive-thru bay, where pedestrians now come to order while standing on a shallow concrete curb in front of a central, aluminum-framed, sliding window with service counter. The central window is flanked north and south by additional square windows, providing a ribbon that wraps the building's northeast and northwest corners. The building's eaves include neon signage reading "hot dogs" and "hamburgers," but the building's most visible feature is the neon sign above the drive-thru bay, which includes, from top down, a yellow arrow reading "ice cream," a red circle reading "burgers," and a series of stacked red and black signs reading "drive in," "pick-quick," and "better burgers," all in metal with neon embellishment. With its eye-catching signage, typical of its period and designed to capture roadside attention from drivers moving at speed on Pacific Highway, the Pick-Quick is a good example of the kind of roadside architecture that developed in response to America's growing car culture in the early and mid-twentieth century.

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2020 About Us, Pick-Quick Drive-In. Electronic document, http://pick-quick.com/locations/, accessed February 4, 2020.

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Historic Property Report

Historic Name: Pick-Quick Drive In

Property ID: 29547

Location

Address:	4306 Pacific Hwy E, Fife, Washington, 98424
Tax No/Parcel No:	0320013135
Plat/Block/Lot:	Section 01 Township 20 Range 03 Quarter 34 : BEG S
Geographic Areas:	Pierce County, T20R03E01, PUYALLUP Quadrangle, ORCHARDS Quadrangle

Information

Number of stories:

Construction Dates:

Construction Type	Year	Circa
Built Date	1949	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Pick-Quick Drive In

Property ID: 29547

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2010-04-00035, , Pierce County		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Determined Eligible	Maureen Elenga, 6/4/2024

Photos

4306 Pacific Highway E, view southwest.jpg

4306 Pacific Highway E, view southeast.jpg

detail of sign.

west facade.

various, outdoor seating.

NW facades.

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:	Pick-Quick Drive-In
Date recorded:	1/1/1900
Field Recorder:	
Field Site number:	PS1-173
SHPO Determination	

Historic Property Report

Historic Name: Pick-Quick Drive In

Property ID: 29547

Inventory Details - 11/5/2009

Common name:

Date recorded: 11/5/2009

Field Recorder: Susan Johnson, Katie Chase, Artifacts Consulting

Field Site number: 0320013135

SHPO Determination

Detail Information

Characteristics:

Category	Item
Roof Type	Flat with Eaves
Plan	Irregular
Foundation	Concrete - Block
Structural System	Masonry - Concrete Block
Cladding	Concrete - Block (cmu)

Styles:

Period	Style Details
Modern Movement (1930-1970)	Roadside

Surveyor Opinion

Property is located in a potential historic district (National and/or local): No

Significance narrative: The building at 4306 Pacific Highway in Fife is a restaurant. This resource is significant locally under Criterion C for the integrity of its architectural character.

Physical description: The building at 4306 Pacific Highway is located in Fife, Washington. The structure was built in 1950 (according to the county assessor) in the Roadside style. The building has an irregular plan and stands on a concrete block foundation. The 1-story concrete block building has a flat with eaves roof clad in unknown. The walls are clad in concrete block. There appear to be no alterations to the original plan. There is no discernable alteration to the original cladding. There appear to be slight alterations to the original windows. There are changes to the neon sign.

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Historic Property Report

Historic Name: Pick-Quick Drive In

Property ID: 29547

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Eaves
Plan	Rectangle
Cladding	Concrete - Block (cmu)
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Concrete Block
Cladding	Concrete - Poured

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern
Modern Movement (1930-1970)	Roadside

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1949), the roadside restaurant at 4306 Pacific Highway E retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it appears to be relatively intact and continues to serve its original function.

Evaluation

The Pick-Quick Drive-In was constructed in 1949 for Jay Adolph and Henriette Olsen, who served burgers, fries, and milkshakes from this location. Although the restaurant has changed hands many times, it is now, according to the company's website, owned by the Burgi family. Betty Burgi worked for the Olsens in 1952. In 2010, the business began to expand, opening locations in Auburn and Seattle (Pick-Quick 2020). The building is closely associated with the growing popularity of personal automobiles and the development of roadside amenities along the increasingly popular Pacific Highway during the mid-twentieth century (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a good example of mid-twentieth century roadside architecture. Although it is not distinctive enough to qualify as an example of the futuristic "googie" style, it features extensive use of neon and employs a distinctive architectural plan, the drive-thru restaurant plan, to minimize its footprint while maximizing commerce (Criterion C). The building does embody the distinctive characteristics of its type, period, and method of construction; although it does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and integrity, Historical Research Associates, Inc. recommends that Pick-Quick, the roadside restaurant at 4306 Pacific Highway E, is eligible for listing in the National Register of Historic Places under Criterion A for its associations with mid-century development trends, and under Criterion C as an example of roadside architecture. The building's period of significance dates to its construction in 1949. Though surveyed from the public right-of-way, Historical Research Associates, Inc. assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: According to the Pierce County Assessor, the one-part commercial block known as the Pick-Quick Drive-in, located at 4306 Pacific Highway E, was constructed in 1949 (Pierce County Assessor 2020). The small, irregular, single-story building faces north toward Pacific Highway E. It sits on a poured-concrete foundation, is of concrete block and poured-concrete construction with a parged surface and rounded corners, and is topped by a flat roof that includes a drive-thru bay at the north end. The drive-thru roof is supported by two concrete posts. The building is surrounded by paved parking, except to the southwest, where a grassy lawn is spread with picnic tables. The building's two pedestrian entry doors are located on its east elevation, but the building's facade is its north-facing, drive-thru bay, where pedestrians now come to order while standing on a shallow concrete curb in front of a central, aluminum-framed, sliding window with service counter. The central window is flanked north and south by additional square windows, providing a ribbon that wraps the building's northeast and northwest corners. The building's eaves include neon signage reading "hot dogs" and "hamburgers," but the building's most visible feature is the neon sign above the drive-thru bay, which includes, from top down, a yellow arrow reading "ice cream," a red circle reading "burgers," and a series of stacked red and black signs reading "drive in," "pick-quick," and "better burgers," all in metal with neon embellishment. With its eye-catching signage, typical of its period and designed to capture roadside attention from drivers moving at speed on Pacific Highway, the Pick-Quick is a good example of the kind of roadside architecture that developed in response to America's growing car culture in the early and mid-twentieth century.

Bibliography:

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Historic Property Report

Resource Name: Johnson RV

Property ID: 721407

Location

Address: 4105 Pacific Hwy E, Tacoma, Washington, 98424

Tax No/Parcel No: 320013155

Geographic Areas: T20R03E01, PUYALLUP Quadrangle, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1947	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Johnson RV

Property ID: 721407

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

4105 Pacific Highway E, view northwest

4105 Pacific Highway E, view southwest

Historic Property Report

Resource Name: Johnson RV

Property ID: 721407

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Plan	Rectangle
Cladding	Metal - Corrugated
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial
Roof Type	Flat with Parapet
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1947), the commercial building at 4105 Pacific Highway E retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 4105 Pacific Highway E was constructed in 1947. It is now used by Johnson RV. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the Johnson RV building at 4105 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the Johnson RV building at 4105 Pacific Highway E was constructed in 1947 (Pierce County Assessor 2020). The one-story, rectangular commercial building faces south toward Pacific Highway E. The building sits on a concrete-block foundation, is clad in 5V metal sheets, and is topped by a primarily flat asphalt roof. The central portion of the roof features three parallel gables behind a large south side parapet. The windows are aluminum and vinyl framed in altered fenestration. There are garage doors on the south, east, and north elevations of the building.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

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Historic Property Report

Resource Name: Cappa Farm: Residence (Ranch) Property ID: 722112

Location

Address: 3812 Pacific Hwy E, Tacoma, Washington, 98424

Geographic Areas: T20R03E12, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1955	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Agriculture
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/4/2020	Survey/Inventory	

Photos

3812 Pacific Highway E, view southeast.

3812 Pacific Highway E, view east.

3812 Pacific Highway E, view northwest

Historic Property Report

Resource Name: Cappa Farm: Residence (Ranch) Property ID: 722112

Inventory Details - 6/4/2020

Common name:

Date recorded: 6/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Single Dwelling - Ranch
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Cladding	Wood - Shingle
Cladding	Wood - Clapboard
Structural System	Wood - Platform Frame
Plan	L-Shape

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1955), the ranch house at 3812 Pacific Highway E retains integrity of location as it remains on its original parcel on the site of the former Cappa Farm. The industrial and urban development along Pacific Highway E and the removal of all associated built resources have diminished its integrity of setting and feeling. Alterations including a large addition, window replacement, and a change of use and ownership (the farm is now vacant and owned by the City of Fife) have diminished the residence's integrity of design, materials, workmanship, and association.

Evaluation

The former Cappa farm at 3812 Pacific Highway E was constructed ca. 1938. The 1930 U.S. Census records indicate the James and Rose Cappa lived on 1210 S. M Street with their eight children (Ancestry 2020a); however, by 1938, most of the family was listed at an address on Pacific Highway, likely indicating 3812 Pacific Highway E (Ancestry 2020b). By the 1940 U.S. Census, Rose and her son Albert were listed as farmers with six of Rose's other children living with them (Ancestry 2020c).

According to the Pierce County Assessor, the farm property has been acquired by the City of Fife. Fife plans to convert the property to a public park. The secondary ranch style residence was constructed late in the historic period, according to historic-period aerials, and is not associated with early-twentieth century farming in Pierce County or any other significant historic events or trends (Criterion A). Background research did not suggest that the buildings held a strong association with the lives of significant persons (Criterion B). The former Cappa farm no longer includes farm-related resources like barns, sheds, pastures, or historic-period farm house. Extant resources are limited to the Ranch house evaluated here. The Ranch house is a modest, early example of the type, including a horizontal plan with a large addition to the rear that has obscured its historic-period character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Based on lack of significance and integrity, Historical Research Associates, Inc. recommends that the residence at 3812 Pacific Highway E does not qualify for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the former Cappa Farm at 3812 Pacific Highway E was constructed in 1985 (Pierce County Assessor 2020). However, this date is in error, as a review of historic aerial photographs shows that the extant building was constructed before 1980 (NETROnline 2020). The former farm is located on two parcels located between Pacific Highway E on the north and I-5 on the south. The land includes one historic-period resource: a Ranch house. The Ranch house resembles a much enlarged early Ranch, and Historical Research Associates, Inc. assumes, based on massing and style, that it dates to ca. 1955. It was originally rectangular, but by 1968, it had been enlarged by an eastern addition that gave the building its current L-shape (NETROnline 2020). The one-story building sits on a concrete-block foundation, is clad in wood shingles and wood clapboards, and has a cross-gabled asphalt roof. The building has a combination of wood- and vinyl-framed windows, some of which are in altered fenestration. The north-facing facade includes a small, gabled entry porch with wood hand railing and an attached single-car garage on the north end.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Resource Name: Western Peterbilt

Property ID: 721408

Location

Address: 3701 Pacific Hwy E, Tacoma, Washington, 98424

Tax No/Parcel No: 320024047

Geographic Areas: T20R03E02, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Western Peterbilt

Property ID: 721408

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

3701 Pacific Highway E, view southwest

3701 Pacific Highway E, view northwest

Historic Property Report

Resource Name: Western Peterbilt

Property ID: 721408

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Brick
Cladding	Concrete - Block (cmu)
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial
Structural System	Masonry - Concrete Block

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1960), the commercial building at 3701 Pacific Highway E retains integrity of location and setting, although alterations, including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 3701 Pacific Highway E was constructed in 1960 and is now used by Western Peterbilt, a truck dealership. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the Western Peterbilt building at 3701 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the Western Peterbilt building at 3701 Pacific Highway E was constructed in 1960 (Pierce County Assessor 2020). The one-story, rectangular commercial building faces south toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in brick veneer on the south side and uncovered concrete block elsewhere, and is topped by a flat asphalt roof with a hipped metal overhang on the south elevation. The windows are vinyl framed in altered fenestration. There are overhead garage doors on the north and south elevations of the building.

Bibliography:

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Historic Property Report

Historic Name: Familian Northwest, Inc.

Property ID: 731951

Location

Address: 3517 Pacific Hwy E, Fife, Washington, 98424

Geographic Areas: Pierce County Certified Local Government, T20R03E02, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Familian Northwest, Inc. Property ID: 731951

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

3517 Pacific Highway E, view northwest.

3517 Pacific Highway E, view southwest.

Historic Property Report

Historic Name: Familian Northwest, Inc. Property ID: 731951

Inventory Details - 10/17/2023

Common name:	Ferguson Plumbing
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete
Structural System	Masonry - Poured Concrete
Plan	Square

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1978), the building at 3517 Pacific Highway E retains integrity of location, design, setting, materials, workmanship, feeling, and association, as no alterations are evident.

Evaluation

The showroom and warehouse building at 3517 Pacific Highway E was constructed in 1978. It was built by Familian Northwest, Inc., a plumbing company, with Douglas Mulvaney from Seattle as the architect and Olympic Construction as the contractor (Tacoma Public Library 2023). Mulvaney does not appear among lists of Seattle architects held by Department of Archaeology and Historic Preservation, published by Jeffrey Karl Ochsner, Docomomo, or the Pacific Coast Architecture Database (DAHP2023; Docomomo 2023; Ochsner 2014; PCAD 2023). Today, the building is used by Ferguson, a company providing infrastructure and plumbing services. They were founded in 1953, opened their first showroom in Virginia in 1970, were acquired by a British company, Wolseley, in 1982, and acquired Familian Northwest in 1988 (Ferguson 2023; Miazga 2016).

While the building is associated with commercial growth along Pacific Highway in Fife, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse with some differentiation, evident in windows and siding, at the showroom. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 3517 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 3517 Pacific Highway E was constructed in 1978 (Pierce County Assessor 2023). The building includes a showroom and storage warehouse. It is square in plan, one-story tall, and faces south toward Pacific Highway E. The building sits on a poured-concrete foundation, is constructed of concrete, and includes pebbledash siding on the walls of its showroom (southeast corner). It is topped by a flat, built-up roof with no eaves.

The building's main facade includes an off-center entry of paired, glazed, swinging doors under signage reading "Ferguson Plumbing." East of the entry are consistent narrow, metal-frame, fixed windows (seven on the south elevation and seven on the east elevation) in walls of pebble dash siding. At the entry and to the west, the grade drops to accommodate a loading bay. Concrete stairs, walkway, and metal railings are located at the entry. West of the entry are a projecting loading bay and two garage doors under a flat, projecting awning. No fenestration was visible on the west elevation, and an additional garage door was located on the east elevation.

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Historic Property Report

Historic Name: Sundance Inn

Property ID: 731947

Location

Address: 3518 Pacific Hwy E, Fife, Washington, 98424

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, Pierce County Certified Local Government, T20R03E11

Information

Number of stories: 3.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1980	☐
Addition		☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Hotel
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Hotel

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Sundance Inn

Property ID: 731947

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

3518 Pacific Highway E, view southeast.

The_News_Tribune_1981_02_01_page_77.jpg

3518 Pacific Highway E, view northeast.

3518 Pacific Highway E, view northeast.

Historic Property Report

Historic Name: Sundance Inn

Property ID: 731947

Inventory Details - 10/17/2023

Common name:	Travelodge
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Hip
Roof Type	Gable
Form Type	Hotel/Motel
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Shiplap
Cladding	Stone
Plan	L-Shape
Cladding	Wood - Vertical Boards

Styles:

Period	Style Details
Modern Movement (1930-1970)	Roadside

Surveyor Opinion

Significance narrative:

Integrity

The Travelodge at 3518 Pacific Highway E was constructed as the Sundance Inn in 1980 (NETROnline 2023; Tacoma News Tribune 1981). From its period of construction, the building retains integrity of location and setting, as it remains on its original parcel alongside Pacific Highway E, although features of its original surroundings, including a sign for the adjacent Holiday Inn, as seen in newspaper photos, as well as the Holiday Inn itself, have been removed or converted to new use (see Tacoma News Tribune 1981). The Travelodge does not retain integrity of design, materials, or workmanship, due to alterations including the addition of a covered walkway at its primary entry and the installation of incompatible vinyl-frame windows. Stone, once left in its natural state, has been painted. The building maintains it original use, although it was developed for a private owner, Portland developer Dan Snider, and is now operated by a chain, Travelodge, which has rebranded the building, diminishing its integrity of feeling and association (Tacoma News Tribune 1981).

Evaluation

The parcel addressed as 3518 Pacific Highway E was once frontage for the Holiday Inn, built to the south in 1964 (Tacoma Public Library 2023). The parcel was devoted to landscaping and signage for the Holiday Inn until the Sundance Inn was added to the narrow parcel fronting Pacific Highway in 1980 (NETROnline 2023; Pierce County 2023; Tacoma News Tribune 1981). It originally functioned as an independent roadside motel that shared parking with the Holiday Inn. By 1983, however, both hotels had been acquired by Nendel's Moter Inns of Portland and were treated as one hotel property (Tacoma News Tribune 1983). It's not clear when the hotel changed hands again, but the former Holiday Inn was partially demolished and converted to a new use and the former Sundance Inn is now part of the Travelodge chain of motels, which started in San Diego, California, in 1935, expanding to 24 locations in southern California by 1940. Expansion continued and now includes more than 4,000 locations worldwide (Travelodge 2023).

While the motel is associated with commercial growth along Pacific Highway in Fife, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a roadside motel with three stories of motel rooms and substantial parking. White it included some ornamental details, including panels and columns clad in stone, the building is generally utilitarian in design, with few elements of roadside character, which might include, for instance, dramatic signage or elements of Contemporary design, including dramatic rooflines of extensive use of glass. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 3518 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the motel at 3518 Pacific Highway E was constructed in 1980 (Pierce County Assessor 2023). The L-shaped, three-story motel faces north toward Pacific Highway E and includes an office and entry on its narrow western end. The building sits on a poured-concrete foundation, is clad wood boards with applied stone veneer, and is topped by hipped and gabled roofs covered in asphalt shingles.

The building's main entry is located on the northern elevation and includes a projecting hipped roof supported by simple square metal posts. The cover was added over the walkway to the entrance between 1985 and 1995 (Pierce County Assessor 2023). The entry consists of aluminum-frame sliding doors paired with two fixed windows. Above the entry is signage for "Travelodge." A covered walkway is located to the north of the entry as well. It is supported by substantial posts clad in stone. The walkway is gabled with a shingle-sided address panel on the north end showing projecting rafter ends. To the east, a wood stair raises to the second floor to access upper motel rooms. The wide northern elevation includes entry doors with sidelights on the first, second, and third floors. Upper floors include projecting walkways with wood railings of simple square posts and balusters. Corners and stairs are paired with walls of decorative stone cladding. At the building's east end is a projecting wing to the north. The building's rear (south) elevation includes vinyl-frame sliding windows on the first, second, and third floors. First floor walls are clad in lapped wood boards. Upper floors are clad in vertical boards.

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1981 Did Holiday Inn Miss a Trick in Fife?, February 1.
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Historic Property Report

Resource Name: RV Center - Fife

Property ID: 90583

Location

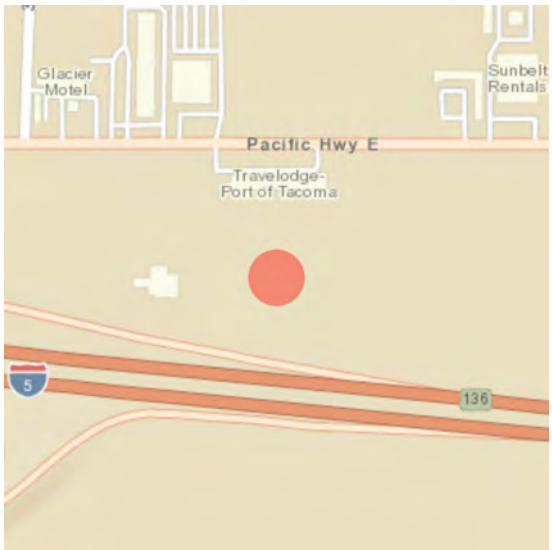

Address:	3520 Pacific Hwy E, Fife, WA 98424
Tax No/Parcel No:	0320111049
Plat/Block/Lot:	n/a
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E11

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1963	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Hotel
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Hotel

Historic Context:

Category
Architecture
Architecture

Historic Property Report

Resource Name: RV Center - Fife

Property ID: 90583

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
111607-24-FHWA, FHWA, Tacoma/Pierce HOV Project: Port of Tacoma to King Co Line	12/13/2007	Determined Not Eligible	, 4/15/2009
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

3520 Pacific Highway E, view southeast

HolidayInnFife6.jpg

HolidayInnFife7.jpg

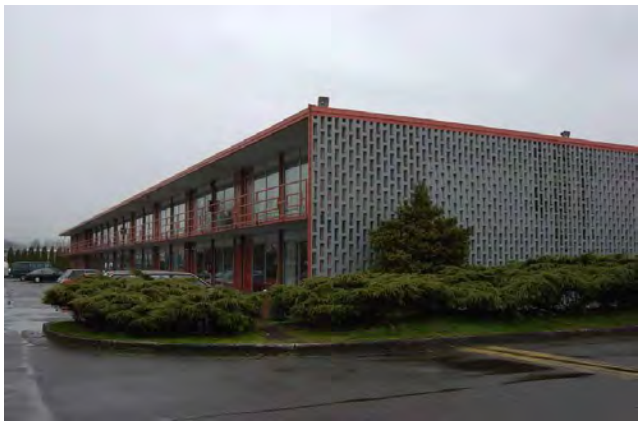

HolidayInnFife1.jpg

HolidayInnFife2.jpg

HolidayInnFife3.jpg

HolidayInnFife4.jpg

Motel_Fife (5).jpg

Motel_Fife (7).jpg

Motel_Fife (8).jpg

Motel_Fife (1).jpg

Motel_Fife (2).jpg

Motel_Fife (3).jpg

Motel_Fife (4).jpg

HolidayInnFife5.jpg

3520 Pacific Highway E

The entrance, looking southwest

Rear and Secondary Elevations

The eastern and southern wings

Entrance and porte cochere, looking west/southwest

Historic Property Report

Resource Name: RV Center - Fife

Property ID: 90583

Inventory Details - 12/13/2007

Common name:	Hometel Inn, formerly Holiday Inn
Date recorded:	12/13/2007
Field Recorder:	Jessica Feldman
Field Site number:	tac806c
SHPO Determination	111607-24-FHWA determined on 4/15/2009

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Concrete - Block (cmu)
Cladding	Brick
Roof Type	Flat with Eaves
Plan	U-Shape
Form Type	Hotel/Motel - Motel
Roof Material	Asphalt/Composition - Rolled

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: Fife is located directly west of the Tacoma tide flats. The city of Fife was incorporated on February 11, 1957, but its history as an unincorporated municipality dates back to the mid-1800s. The land which comprises present day Fife was originally the center of the Puyallup Reservation. The Puyallup Tribe signed the Medicine Creek Treaty in Nisqually near Medicine Creek (now known as McAllister Creek) under the "treaty trees" that are no longer standing on December 26, 1854; in 1857, when the treaty was recognized, members of the Puyallup Tribe on the reservation became the first citizens of Fife.

The community was apparently named for Colonel William J. Fife, the son of William H. Fife, who owned a general merchandise store in town. Colonel Fife led the Tacoma Guards, a company of the Washington National Guard. The Guards helped keep order in Seattle after the Great Fire of 1889.

In the 1800s, agriculture and farming were the town's biggest asset, due to the fertile soil in the area. Through the nineteenth century, it was the center of an agricultural area that produced berries and other crops. The turn of the twentieth century brought a period of growth for Fife. Japanese and Italian farmers began moving to the area at this time, contributing to both the labor and consumer markets for the local crops. Businesses started to open in town at this time as well, including stores for goods and services, like grocery stores, followed by bulb, berry and dairy farms, and a slaughter house. Many of these businesses were the basis for the business district, located south of Highway 99 (and later Interstate 5).

Fife was one of the many stops on the Puget Sound Electric Railway between Tacoma and Seattle. Fife Junction, a stop on the Puget Sound Electric Railway, opened in 1902. This rail line took area farmers and their products into Tacoma and Seattle. This was one of the reasons that the town continued to grow through the middle of the twentieth century. Residents of Fife voted to incorporate the town on February 11, 1957. In 1963 construction of Interstate 5 ran through Fife. As with the Puget Sound Electric Railway, the new highway contributed to the growth of local businesses, as well as altering the look of the commercial corridor along Highway 99, as new gas stations, restaurants, and lodging were constructed along the highway.

This hotel was constructed in 1963, most likely as part of the Holiday Inn chain of hotels, based on evidence found in the Tacoma Public Library's Photography Archives online. The Photography Archives show images of the hotel from 1968-1969. The hotel is oriented towards Pacific Highway, with a wide setback between the parking area and the road. Additionally, the main entrance is facing Pacific Highway and the in-ground swimming pool is sheltered from that road. However, within a few years, I-5 would be constructed at the back of the hotel, and it appears that additional landscaping was provided to obscure the swimming pool from the interstate; additionally new signage appeared that advertised the hotel to drivers on I-5 as well as Pacific Highway.

This was not the first Holiday Inn constructed; the company was founded in the early 1950s and built its first hotel in Memphis, TN. It is not the first hotel to be built in Fife along the major thoroughfares in the immediate area: Pacific Highway and Milton Avenue. It does not appear to be associated with events that have made significant contributions to the broad patterns of local, state or national history and has no known associations with persons of significance. This building's design and setting is similar to many of the small-scale hotels and motels that were built along major roadways. Moreover, the building has been altered over time and has lost integrity. Therefore, this building does not meet the criteria of the NRHP or the WHR.

Physical description: This is a two story motel with a modified U-shaped plan and a flat roof. The first floor is clad in brick veneer with several plate glass windows in an aluminum storefront system, and the second floor is clad in stucco. The second floor features a balcony along most of its length, with a simple metal railing. Room entries on the second floor each have one door and one sliding sash window. There is a pool area in the middle of the irregular U-shaped plan. A carport extends from the front elevation over the main entry, supported on three large square pillars, and has a sign composed of individual backlit plastic letters. Two wings appear to be older than the others, and these wings are clad entirely in brick veneer, with a screen wall at one end of decorative concrete block. Here, the flat roof has a substantial overhang that forms a shield over the balcony walkway, and the metal balcony railing is a stylized rectangle pattern that has been backed with non-original plastic lattice. These rooms feature a door and two large plate glass windows each.

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Historic Property Report

Resource Name: RV Center - Fife

Property ID: 90583

Inventory Details - 3/5/2020

Common name:	Fife RV Center
Date recorded:	3/5/2020
Field Recorder:	Lauren Waldroop
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	L-Shape
Cladding	Stucco
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - Strip Commercial
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1963), the commercial building at 3520 Pacific Highway E retains integrity of location and setting, although extensive alterations, including a change of use, partial demolition, and recladding and window replacement on the remaining portions of the building have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

A previous evaluation identified 3520 Pacific Highway E as the Holiday Inn (see photos). According to aerial photos, a hotel was located on this parcel until between 2011 and 2013, when the majority of the hotel, along with its landscaping and pool, was demolished and the resulting land turned into parking for a new RV sales center (NETROnline 2020). Because the Pierce County Assessor dates the extant single-story building to 1963, it's likely that a portion of the original hotel may have been remodeled and reused as the office for the RV sales center. The commercial building at 3520 Pacific Highway E is a remnant of a hotel constructed in 1963 and may have been, based on a review of historic maps and local histories, associated with the Holiday Inn and with the growth of commercial development along the Pacific Highway (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial building with few distinctive characteristics from the historic period, apart from its massing (Criterion C). It does not embody the distinctive characteristics of its historic-era type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to an irretrievable loss of integrity, Historical Research Associates recommends that the commercial building at 3520 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 3520 Pacific Highway E was constructed in 1963 (Pierce County Assessor 2020). The one-story, L-shaped building faces north toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in stucco, and is topped by a flat built-up roof. The entrance is marked by a large north side porte cochere. The windows and storefront appear to be aluminum-framed replacements. A smaller building at the northwest portion of the parcel was constructed in 1985, outside the historic period, and does not require survey.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721790

Location

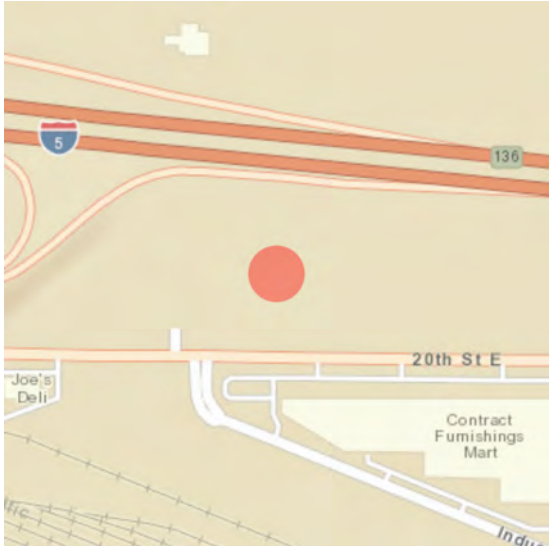

Address: 3607 20th St E, Tacoma, Washington, 98424

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E11

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1967	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721790

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721790

Photos

3607 20th St E, view northwest

3607 20th St E, view northeast

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721790

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Cladding	Concrete
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1967), the buildings at 3607 20th Street E retain integrity of location, setting, design, materials, workmanship, feeling, and association.

Evaluation
The building and its associated garage at 3607 20th Street E were built in 1967 for Smith Tractor and Equipment Co. (TPCBI 2020). It has been associated with equipment storage, sales, and service for Pape Properties since 2007. Although a part of the industrial fabric of Fife, the building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in design, constructed as a large warehouse, and is not distinctive example of its particular type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).
Based on a lack of significance, Historical Research Associates recommends that the industrial complex at 3607 20th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 3607 20th Street E was constructed in 1967 (Pierce County Assessor 2020). The rectangular building faces south toward 20th Street E. The building sits on a poured-concrete foundation, is constructed of concrete, and topped by a flat roof with minimal eaves. The building's south elevation includes a single multi-light window but no other fenestration. Its east and west elevations include a series of garage bays between pilasters. An associated storage structure is located to the east and appears to date outside the historic period. It is rectangular, clad in ribbed metal panels, and topped with a shallow gable roof.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Glacier Motel

Property ID: 29545

Location

Address:	3401 Pacific Hwy E, Fife, WA
Tax No/Parcel No:	320024032
Geographic Areas:	Pierce County, T20R03E

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1932	☑
Remodel	1950	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Glacier Motel

Property ID: 29545

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Photos

3401 Pacific Highway E, main office, view northwest

3401 Pacific Highway E, main office building, view northeast

3401 Pacific Highway E, main office, view north

3401 Pacific Highway E, historic-period north motel building, view northeast

3401 Pacific Highway E, historic-period west motel building, view northwest

3401 Pacific Highway E, view southeast

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:

Date recorded: 1/1/1900

Field Recorder:

Field Site number: SP1-175

SHPO Determination

Historic Property Report

Resource Name: Glacier Motel

Property ID: 29545

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Fiber Cement Board
Roof Type	Gable - Front
Roof Type	Conical
Roof Material	Asphalt/Composition
Form Type	Hotel/Motel
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Mid-Late 19th and Early 20th Century Revivals	Tudor
Modern Movement	Minimal Traditional

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1932), the Glacier Motel at 3401 Pacific Highway E retains integrity of location and setting, although alterations, including recladding, window replacement, altered fenestration, additions, and change of use, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The Glacier Motel at 3401 Pacific Highway E was constructed between 1932 and 1968. The earliest building was likely residential in nature, with no historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history. The resource was likely expanded and converted into a motel in association with the growing popularity of mid-twentieth century highway travel and increasing development along Pacific Highway. The converted residence with added motel is associated with the growth of commercial development and transportation along the Pacific Highway (Criterion A). Background research did not suggest that the buildings held a strong association with the lives of significant persons (Criterion B). The office building is an example of an altered Tudor Revival residence with a few character-defining features remaining from the historic period, including its steeply pitched roofs with clipped gables and its massing. However, much of its original character has been obscured. The motel buildings are vernacular in plan and style and are not representative of a particular type (Criterion C). The motel does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the buildings were constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of integrity, Historical Research Associates recommends that the Glacier Motel at 3401 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the three building-complex known as the Glacier Motel at 3401 Pacific Highway E was constructed in its entirety in 1932 (Pierce County Assessor 2020). The complex consists of an office building and two banks of motel rooms. The complex is best understood as a single resource under a single context. The office building appears to have been constructed ca. 1932 as a single-family residence and later converted to commercial use. It is now the easternmost building in the motel complex. The two-story, irregularly shaped building faces south toward Pacific Highway E and has two one-story additions on the east elevation, as well as a bay window addition on the west side. The building sits on a poured-concrete foundation, is clad in fiber cement board, and is topped by a front-facing gabled roof with jerkinhead, or clipped gable, as well as a gabled dormer on the east side and a conical roof over the bay addition on the west side. The windows are mainly aluminum and vinyl framed in altered fenestration, though some wood-framed windows remain. The main entrance is noted by a small entry porch and a panel door surrounded by glass block lights. Along with the office building, the motel includes two long, rectangular buildings holding motel rooms, also attributed to 1932; however, this appears to be in error as aerial photographs show that the buildings appeared between 1940 and 1968 (NETROnline 2020) and Historical Research Associates, Inc. assumes them to be post-World War II additions (ca. 1950). The two motel buildings sit along the north and west edges of the parcel and are similar in construction and style. They sit on poured-concrete foundations and are clad in fiber cement board, which appears to cover original wood siding. The roofs are side-gabled and covered in asphalt with several small gabled awnings over the entrance to motel rooms. The windows on these buildings are vinyl framed.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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NETROnline. 2020. Historic Aerials, Fife, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Historic Property Report

Resource Name: Industrial Building

Property ID: 721788

Location

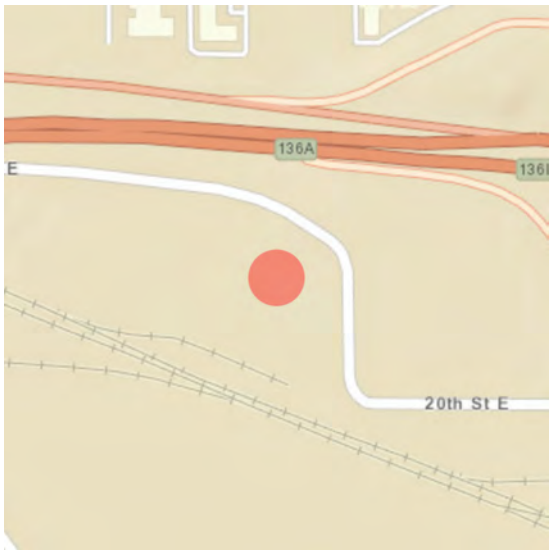

Address: 2902 20th St E, Tacoma, Washington, 98424

Tax No/Parcel No: 0320112048

Geographic Areas: T20R03E11, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Photos

2902 20th St E, view south

2902 20th St E, view east

Historic Property Report

Resource Name: Industrial Building

Property ID: 721788

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Concrete
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Utilitarian
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction, the complex at 2902 20th Street E retains integrity of location and setting, design, materials, workmanship, feeling, and association. It retains its industrial character, although industrial machinery has likely been upgraded since its construction.

Evaluation

The industrial complex at 2902 20th Street E has been in use by Praxair and its predecessor Union Carbide Corp. since 1978 (CBI 2014). Although a part of the industrial fabric of Fife, the building and its associated complex do not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building and the surrounding complex are utilitarian in design. Research did not reveal that the complex was significant for its architecture or engineering. The complex is made up of mass-produced elements associated with the work of producing industrial gasses and is not known to be a distinctive example of its particular type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the complex is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the industrial complex at 2902 20th Street E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the industrial complex at 2902 20th Street E dates to 1950 (Pierce County Assessor 2020). It serves Praxair, a company that supplies oxygen, nitrogen, and argon, according to onsite signage. The parcel includes a single office building surrounded by industrial equipment, including a substation. The building is a rectangular, single-story office block facing generally north. The building sits on a poured-concrete foundation, is constructed of concrete with a central entry flanked by single-light windows. The building is topped by a flat roof. Additional construction at this location is industrial in nature and is not identified by date of construction in the assessor's records.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

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CB&I Environmental and Infrastructure Inc. (CBI). 2014. Remedial Investigation Report, Praxair NAIG Facility. Prepared for Praxair Inc.

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Writers' Program of the Works Project Administration in the State of Washington (WPA). 1941. Washington, A Guide to the Evergreen State. Binford & Mort, Inc., Portland, Oregon. Sponsored by the State Historical Society, Tacoma.

Historic Property Report

Historic Name: Office Building

Property ID: 731957

Location

Address: 2612 Pacific Hwy E, Fife, Washington, 98424

Geographic Areas: T20R03E11, Pierce County Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Professional
Commerce/Trade	Commerce/Trade - Professional

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Office Building

Property ID: 731957

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

2612 Pacific Highway E, view southeast.

2612 Pacific Highway E, view southwest.

Historic Property Report

Historic Name: Office Building

Property ID: 731957

Inventory Details - 10/17/2023

Common name:	Office Building
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Gable - Front
Roof Material	Metal - Standing Seam
Cladding	Wood - Vertical Boards
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1978), the office building at 2612 Pacific Highway E retains integrity of location and setting, as it remains on its original parcel along Pacific Highway E. It does not retain integrity of design, materials, or workmanship, due to the incompatible replacement of original roofing with standing-seam metal roofing. It retains integrity of feeling and association, as it continues to serve its original commercial use.

Evaluation

The four-unit office building at 2612 Pacific Highway E was constructed in 1978, apparently for use by local commercial operations (Pierce County Assessor 2023).

While the building is associated with commercial growth along Pacific Highway in Fife, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a utilitarian gabled office block with few distinctive features apart from its massing. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 2612 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the office building at 2612 Pacific Highway E was constructed in 1978 (Pierce County Assessor 2023). The building is rectangular in plan, one-story tall, and faces north toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in vertical board siding, and is topped by a front-gabled, standing-seam metal roof.

The building's main facade includes two office entries, both consisting of a single swinging, aluminum-frame door flanked by narrow, full-height sidelights. Entries are paired with shallow concrete stoops and sheltered under projecting gabled, standing-seam metal awnings. The building's east elevation includes three-part, aluminum-frame windows (central light flanked by casements or sliders), paired with secondary entry doors and wood stoops and rails. To the rear of the second entry (south), windows are aluminum-frame sliding windows. The west elevation also includes a combination of three-part and sliding aluminum-frame windows, as well as a services garage projecting from the northwest corner with a separate entrance of paired, glazed, aluminum-frame windows, garage bays on its west elevation, and a hipped eave.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Historic Name: Storage warehouse

Property ID: 731958

Location

Address: 2590 Pacific Hwy E, Fife, Washington, 98424

Geographic Areas: T20R03E11, Pierce County Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1980	☐
Addition	1989	☐

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Storage warehouse

Property ID: 731958

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Storage warehouse

Property ID: 731958

Photos

2590 Pacific Highway E, view southeast.

2590 Pacific Highway E, view southwest.

Historic Property Report

Historic Name: Storage warehouse

Property ID: 731958

Inventory Details - 10/17/2023

Common name:	Meineke
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Gable - Front
Roof Material	Metal - Standing Seam
Cladding	Metal - Corrugated
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1980), the building at 2590 Pacific Highway E retains integrity of location, as it remains on its original parcel. It does not retain integrity of setting, design, materials, workmanship, feeling, or association, as its northern elevation has been obscured and likely heavily altered in order to accommodate the construction of an adjacent building in 1989.

Evaluation

The warehouse building at 2590 Pacific Highway E was constructed in 1980 as an auto-related storage warehouse (Pierce County Assessor 2023). The parcel has been intensively redeveloped with new construction surrounding the 1980 building, and the location is associated with various auto-related services.

While the building is associated with commercial growth along Pacific Highway in Fife, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse with few distinctive features apart from its massing. The building does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 2590 Pacific Highway E not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 2590 Pacific Highway E was constructed in 1980, and a large building was added to the north in 1989. Two additional buildings were added to the parcel, one to the west and one to the east, by 1995, as evidenced by aerial imagery (Pierce County Assessor 2023). Due to their age, they were not recorded. The 1980 building sits on a poured-concrete foundation, is clad in corrugated metal, and topped by a front-gabled standing-seam metal roof with no eaves.

The building's main facade faces east and includes a pedestrian door paired with sliding aluminum window (northeast corner) paired with two oversized garage bays with overhead awnings and a third garage bay to the south. The minimally visible north elevation includes sliding aluminum-frame windows. An added building to the north obscures the remainder of the north elevation. The west elevation includes one garage bay. No other fenestration is evident.

The added building is a service garage, also clad in metal, with three garage bays around a central projecting entry of aluminum-frame doors and windows.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

National Park Service (NPS)
1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Resource Name: Auto shop

Property ID: 721787

Location

Address: 2311 Pacific Hwy E, Tacoma, Washington, 98424

Tax No/Parcel No: 0320023027

Geographic Areas: Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle, T20R03E02

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1940	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Auto shop

Property ID: 721787

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Historic Property Report

Resource Name: Auto shop

Property ID: 721787

Photos

2311 Pacific Hwy E, view northwest

2311 Pacific Hwy E, view north

Historic Property Report

Resource Name: Auto shop

Property ID: 721787

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Cladding	Wood
Cladding	Concrete - Block (cmu)
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1940), the building at 2311 Pacific Highway E retains integrity of location and setting, although infill, additions, and alterations have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The building at 2311 Pacific Highway E is an auto-related service station known as Erker's Auto and Truck Repair, which has been in service since 1957, according to its website. Although a part of the commercial fabric of Fife, the building does not appear, based on a review of historic maps and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is vernacular in style with few character-defining features from the historic period, apart from an original storefront. The building is not a distinctive example of a type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building is constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the building at 2311 Pacific Highway E is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the auto-related service garage at 2311 Pacific Highway E was constructed in 1940 (Pierce County Assessor 2020). The building is a rectangular block of four single-story masses facing south toward Pacific Highway E. The building sits on a poured-concrete foundation and consists of two storefronts with garage infill. Storefronts are clad in either board-and-batten or wood plank. Garages are either constructed of bare concrete block or wood clad in board-and-batten. Storefronts include entry doors paired with large, wood-framed display windows. The storefront to the east includes a deep, overhanging Mansard-type eave while the storefront to the west includes a canopy or porte cochere.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 721785

Location

Address: 2205 Pacific Hwy E, Tacoma, Washington, 98424

Tax No/Parcel No: 0320023019

Geographic Areas: Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle, T20R03E02

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1972	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Photos

2205-2215 Pacific Hwy E, view northeast

2205-2215 Pacific Hwy E, view northeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 721785

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Cladding	Concrete - Block (cmu)
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Utilitarian
Cladding	Wood - T 1-11

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1972), the primary building and functionally related garage at 2205–2215 Pacific Highway E retain integrity of location and setting, although alterations including recladding and window replacement have diminished the buildings' integrity of design, materials, workmanship, feeling, and association.

Evaluation

The primary building and garage at 2205–2215 Pacific Highway E are associated with auto services. Part of the commercial fabric of Fife, they do not appear, based on a review of historic map and local histories, to be associated with specific events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The historic-period buildings are vernacular in style and type, and alterations have obscured their historic character and the character of the surrounding site. The buildings do not appear to be distinctive examples of a type, period, or method of construction. They are not known to be the works of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the buildings are constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Based on a lack of significance and integrity, Historical Research Associates recommends that the historic-period building and garage at 2205–2215 Pacific Highway E are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building and associated garage at 2205–2215 Pacific Highway E were constructed in 1972 (Pierce County Assessor 2020). The primary, L-shaped building sits on a poured-concrete foundation, is constructed of concrete block, and is topped by a flat roof. The building faces south. Its two-story office block is clad in T1-11 with horizontal boards under vinyl-framed sliding windows. The abutting garage includes two open bays in walls of bare concrete block. The building's flat roof includes a deep eave on the office block and no eave over the garage bays. The functionally related garage located to the east of the main building is clad in plywood with wood battens. The primary elevation includes tall garage bays under a wooden awning topped by corrugated plastic. Side elevations include tall, narrow, aluminum-framed windows.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

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Historic Property Report

Resource Name: Interwest Metals Unit B

Property ID: 721439

Location

Address:	2208 Pacific Hwy E, Tacoma, Washington, 98424
Tax No/Parcel No:	320112012
Geographic Areas:	T20R03E11, Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Interwest Metals Unit B

Property ID: 721439

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	3/10/2020	Survey/Inventory	

Photos

2208 Pacific Highway E, warehouse and Quonset hut

2208 Pacific Highway E, warehouse and Quonset hut

Historic Property Report

Resource Name: Interwest Metals Unit B

Property ID: 721439

Inventory Details - 3/10/2020

Common name:

Date recorded: 3/10/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Metal - Corrugated
Roof Type	Gable - Front
Roof Material	Metal - Corrugated
Plan	L-Shape
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1960), the warehouse building at 2208 Pacific Highway E retains integrity of location and setting, design, materials, workmanship, feeling, and association, as no alterations are evident, except for the later addition of an adjoining Quonset hut, likely constructed ca. 1942 and moved to this site late in the historic period.

Evaluation

The warehouse at 2208 Pacific Highway E was constructed in 1960 and is used by the adjacent commercial operation, Interwest Metals. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history. The Quonset hut addition may be associated with war-time production in the U.S. However, out of context, its history cannot be determined. It is a modest example of the type and does not convey significance (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a utilitarian warehouse with minimal architectural character made up of typical prefabricated materials (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). The warehouse at 2208 Pacific Highway E was documented in 2009 as part of the Tacoma/Pier HOV Project. The FHWA determined the building was not eligible for listing in the National Register of Historic Places (NRHP) at that time. Since this determination, made more than ten years ago, the building has not gained significance. Historical Research Associates recommends that the commercial warehouse at 2208 Pacific Highway E is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, there are two commercial buildings at 2208 Pacific Highway E. The warehouse located on parcel 320112012 was constructed in 1960.The commercial building located on parcel 320023057, constructed in 1950, is evaluated separately (Pierce County Assessor 2020). The 1960 L-shaped warehouse faces north toward Pacific Highway E. The building sits on a foundation of unknown material, is clad in corrugated metal sheets, and is topped by a front-gabled metal roof. The entrance is marked by two sliding metal doors on the north side. There is another entrance on the west side with a small awning. There are no visible windows. A Quonset hut sits at the northeast corner of the warehouse building. It is constructed of a single barrel vault clad in corrugated metal with a sliding metal door on the north side.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Interwest Metals

Property ID: 97093

Location

Address:	2208 Pacific Hwy E, Tacoma, WA
Tax No/Parcel No:	0320112012
Geographic Areas:	Pierce County, TACOMA NORTH Quadrangle, T20R03E11

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Interwest Metals

Property ID: 97093

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
111607-23-FHWA, FHWA, Tacoma/Pierce HOV Project: M St, Puyallup River Bridge, and T St Utility	3/10/2009	Determined Not Eligible	, 10/7/2009
2009-09-00095, , Tacoma HOV Project 14,15,16			
2018-02-01251, FTA, Tacoma Dome Link Extension	3/5/2020	Survey/Inventory	

Historic Property Report

Resource Name: Interwest Metals

Property ID: 97093

Photos

2208 Pacific Highway E, view northeast

2208 Pacific Highway E, outbuildings evaluated separately, view southwest

2208 Pacific Highway E, view southeast

2208 Pacific Hwy East

2208 pacific hwy e: looking northeast

Historic Property Report

Resource Name: Interwest Metals

Property ID: 97093

Inventory Details - 3/10/2009

Common name:	Floyd Equipment Company
Date recorded:	3/10/2009
Field Recorder:	Leslie Schwab
Field Site number:	tac806d
SHPO Determination	111607-23-FHWA determined on 10/7/2009

Detail Information

Characteristics:

Category	Item
Cladding	Wood - T 1-11
Cladding	Metal - Corrugated
Plan	Rectangle
Roof Type	Flat with Eaves
Structural System	Mixed
Form Type	Commercial - Strip Commercial
Roof Material	Asphalt/Composition - Built Up

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: The commercial building located at 2208 Pacific Highway East in Tacoma dates to 1960, which means it is not yet 50 years old or older and, therefore, it is not considered eligible for listing on the National Register of Historic Places as It does not meet the minimum age threshold of 50 years.

Physical description: There are three structures located at 2208 Pacific Highway East in Tacoma. Two of the three are 45 years old or older, dating from 1960 or before. The company is a metal supply business near the Puyallup River, the Port of Tacoma, and Interstate 5 in Tacoma. The main structure is a commercial building dating to 1960. It does not represent a particular style or architectural influence, rather, it is a common, one-story, wood-framed structure, resting under a flat, overhanging roof. The rectangular volume is clad in T1-11 siding on the front highway-facing façade and corrugated metal on the side elevations. An expanse of glazing wraps around the main façade to the side elevations. This ribbon of windows extends from floor to ceiling height and consists of panes of plate glass set in painted wood frames. The entrance is centered on the main façade, flanked by ribbon windows.

Alterations to the structure include the introduction of T1-11 siding, and the replacement of the bank of ribbon windows to the south of the entrance.

A Quonset hut is located behind the main commercial building on the property. It is a corrugated metal structure with steel plates cladding the ends of the barrel vault. Given the patina of rust, it may be World War II-Era construction.

The third structure, a metal-framed, metal-clad industrial storage structure dates to 1987.

Historic Property Report

Resource Name: Interwest Metals

Property ID: 97093

Inventory Details - 3/5/2020

Common name:

Date recorded: 3/5/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Brick
Cladding	Wood
Cladding	Metal - Corrugated
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1950), the commercial building at 2208 Pacific Highway E retains integrity of location and setting, although alterations, including recladding and window replacement, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 2208 Pacific Highway E was constructed in 1950. It is now known as Interwest Metals and includes additional signing reading “welding supplies.” The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered one-part commercial block in the Modern style with few distinctive characteristics from the historic period apart from its massing, remaining wood windows, and deep eaves (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

The commercial building at 2208 Pacific Highway E was documented in 2009 as part of the Tacoma/Pier HOV Project. The FHWA determined the building was not eligible for listing in the National Register of Historic Places (NRHP) at that time. Since this determination, made more than ten years ago, the building has not gained significance. Historical Research Associates, Inc. recommends that the commercial building at 2208 Pacific Highway E is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, there are two commercial buildings at 2208 Pacific Highway E. The building located on parcel 320023057 was constructed in 1950. The building located on parcel 320112012, constructed in 1960, is evaluated separately (Pierce County Assessor 2020). The 1950 one-story, rectangular, one-part commercial block faces north toward Pacific Highway E. The building sits on a poured-concrete foundation, is clad in brick veneer, plank siding, and corrugated metal, and is topped by a flat built-up roof with deep eaves. The entrance is marked by paired wooden doors, centrally located, with a transom above. The entry is flanked to the west by a wall of wood-framed fixed lights. Aluminum-framed windows appear east of the entry and on secondary elevations. The wide, projecting eave on the facade creates a covered walkway for customers.

Bibliography:

Bluhm, Tiffany. 2016. Fife's Poodle Dog, Serving Up Classics Since 1933. South Sound Magazine, June/July edition.

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Historic Property Report

Resource Name: Milwaukee, St. Paul and Pacific Railroad Property ID: 722130

Location

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1909	☑

Historic Use:

Category	Subcategory
Transportation	Transportation - Rail-Related
Transportation	Transportation - Rail-Related

Historic Context:

Category
Transportation

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Resource Name: Milwaukee, St. Paul and Pacific Railroad Property ID: 722130

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/5/2020	Survey/Inventory	

Photos

Union Pacific Rail and I-5, east bank of the Puyallup River, view southeast.jpg

BNSF Rail and Milwaukee Railroad Puyallup River bridge, west bank, view north.jpg

Union Pacific Rail, east bank of the Puyallup River, view northeast.jpg

Historic Property Report

Resource Name: Milwaukee, St. Paul and Pacific Railroad Property ID: 722130

Inventory Details - 6/5/2020

Common name:

Date recorded: 6/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Plan	Polygonal

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1909), the railbed retains integrity of location and setting, although regular upgrades and alterations have somewhat diminished its integrity of design, materials, and workmanship. The railbed retains integrity of feeling and association, although it is no longer used by the Milwaukee Road, which went bankrupt in 1980

Evaluation

The former Milwaukee Road was documented in a multiple property document (MPD) accepted by the Keeper of the National Register in 1992. At that time, the authors noted what property types were eligible as part of the historic rail line. While the MPD provided guidance for nominating construction camps, division points, depots, train order stations, substations, and substation housing, the MPD expressly exempted the railroad bed itself from eligibility, noting "since design of the Milwaukee roadbed did not represent advanced or novel engineering concepts, and because its design is not representative of the historic characteristics which contribute to the railroad's primary significance, the roadbed was not included as a property type in the multiple property nomination, and does not appear eligible for inclusion in the National Register of Historic Places" (Holstine et al. 1992). Other elements in the APE, including the small wood and concrete trestle, are also not included as eligible resources for similar reasons.

While the Milwaukee Road was significant as the final transcontinental railroad to terminate at the Puget Sound, and as an electrified railroad responsible for numerous innovations in rail engineering, the tracks themselves are of typical design, consistent with those constructed for numerous rail lines throughout the region, and hold minimal significance for their association with the former rail line or with the present user, Tacoma Rail (Criterion A). Background research did not suggest that the rail bed held a strong association with the lives of significant persons (Criterion B). As noted above, the ties and rails themselves are not significant as a feat of engineering or for any other association with the innovations of the Milwaukee Road. The railbed is not a distinctive example of a particular type, period, or method of construction. It is not the work of a master and does not possess high artistic values. It does not represent a significant and distinguishable entity whose components may lack individual distinction (i.e., it does not contribute to an existing or potential historic district and is specifically excluded from eligibility under the Milwaukee Road MPD) (Criterion C). Finally, the railroad bed was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

In spite of the significance of the Milwaukee Road, HRA concurs with the guidelines of the MPD and recommends that the railroad bed is not eligible due to a lack of significance and historic integrity from its period of construction. HRA recommends the railroad bed and its associated trestle are not eligible for listing in the NRHP under any criteria.

Physical description:

Two railroads approach the APE from the south, one on the west bank of the Puyallup River and one on the east. On the east bank, the tracks of the former Milwaukee Road (Chicago, Milwaukee, St. Paul, and Pacific) approach the APE from the south, glide under the I-5 bridges, and then branch, with one leg heading west over Tacoma Rail's Puyallup River bridge, and another heading north. Today, this route is identified as the Union Pacific on contemporary maps, but when constructed, it was associated with the innovative electric railway, the Milwaukee Road, which traveled 2,300 mi between Chicago and its western terminus in Tacoma between 1909 and 1980 (Holstine et al. 1992).

Within the APE, the rail line consists of three parallel sets of tracks, two heading north and one heading west. Tracks are constructed on a bed of gravel ballast and consist of wood ties and steel rails. The west-running track is raised and crosses on a concrete and wood trestle over an unimproved road directly south of the NRHP-eligible Tacoma Rail bridge. The trestle consists of a small number of wood bents supporting the track approximately 10 feet above an unimproved gravel roadway. The trestle is constructed with concrete bents on either side of the roadway itself. In the vicinity of the APE, the rail bed includes signals at the road crossing.

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Historic Property Report

Resource Name: Puyallup River Levees

Property ID: 722117

Location

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Transportation	Transportation - Water-Related
Transportation	Transportation - Water-Related

Historic Context:

Category
Transportation

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Resource Name: Puyallup River Levees

Property ID: 722117

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/5/2020	Survey/Inventory	

Photos

Puyallup River Levees, view north from the I-5 Bridge

Puyallup River Levees, view south from the I-5 Bridge

Inventory Details - 6/5/2020

Common name:

Date recorded: 6/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Plan	Polygonal

Surveyor Opinion

Significance narrative:

Integrity

From their period of construction (ca. 1950), the levees within the APE retain integrity of location, setting, design, materials, workmanship, feeling, and association. While alteration and upgrades were likely made in association with, for instance, the construction of I-5, the levees retain their historic-period character, suggesting that alterations and repairs have been made using in-kind materials.

Evaluation

The levees within the area of potential effect are part of a much larger floor control system devoted to the protection of the Puyallup River Valley. Flood control efforts on the Puyallup River and its tributaries began with early Euroamerican settlement and were further modified in the early twentieth century by the Inter-County River Improvement Commission (ICRI), as noted in the King County Chief Engineer's Annual Report for the Year 1919 (Ott 2016). Additional modifications, authorized under the Flood Control Act of 1938, channelized and diked the river via constructed embankments. Along some sections of the river, the levees were secured by concrete walls that were covered in earth and vegetation. In other cases, the levees were of riprap covered in earth and vegetation, most of which were completed by the U.S. Army Corps of Engineers (USACE) around 1950. According to the USACE, "in addition to two Federal authorized levees, the Basin contains a patchwork of locally constructed and maintained levee systems on each of the tributaries and the mainstem river" (USACE 2016).

The levee sections within the area of potential effect are within the lower 3 mi of the Puyallup River. They were constructed relatively late in the life of the flood-control effort established by partnering agencies including the USACE and Pierce County, as well as the Cities of Tacoma and Fife. Historic photos from 1940 indicate that some riverbank protection may have been in place at that time, particularly on the river's west bank, but that the river's east bank was irregular, including spits and sandbars (NETROnline 2020). Once the existing levees were constructed, the Puyallup River ran through a straightened, wider channel in the APE, although flooding continued to be a challenge in the river valley.

Various sections of the levee system have been evaluated, but the Washington Department of Archaeology and Historic Preservation (DAHP) does not record the levees in the APE as National Register of Historic Places (NRHP) eligible (Perrin 2016). However,

according to the Washington Department of Transportation (WSDOT), portions of the levee system, including the revetments within the APE under I-5, have been determined eligible for listing in the NRHP under Criteria A and C (Kiers 2013). Research confirms that the levees within the APE are significant as part of a larger flood control effort designed to protect lands in the watershed and support development in Tacoma and Fife (Criterion A). Preliminary research did not suggest that the levees held a strong association with the lives of significant persons (Criterion B). The levees are utilitarian in style, designed to control the flow of the river and allow for development on neighboring land. They were constructed relatively late in the historic period using well-known techniques and are not known to be significant for their architectural or engineering elements (Criterion C). The levees may not be individually eligible under NRHP Criterion C but could contribute to a Puyallup River watershed historic district associated with flood control, were such a district present. Finally, the levees were constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

While the levees along the Puyallup River are individually eligible under NRHP Criterion A, they are best understood as contributing elements to a potential historic district. As summarized from National Register Bulletin 15, a district possesses a significant concentration, linkage, or continuity of sites, and derives its importance from being a unified entity, even though it is often composed of a wide variety of resources. A district must be significant, as well as being an identifiable entity, for historical, architectural, archaeological, engineering, or cultural values. A district can comprise either or both features that lack individual distinction and individually distinctive features that serve as focal points (National Park Service 1997; Perrin 2016).

Based on their significance and integrity, HRA recommends that the levees on the banks of the Puyallup River in the area of potential effect are eligible for listing in the NRHP under Criterion A for their historic associations with Pierce Country's flood control effort in the Puyallup River Valley. While evaluation of the entire levee system is outside the scope of this survey, HRA assumes that the boundary for a future historic district would encompass flood-control measures along the Puyallup, White, and Carbon Rivers.

Physical description:

The Puyallup River and its two tributaries, the White and Carbon Rivers, drain into the Puyallup Basin, which originates on the glaciers of Mount Rainier in the Cascade Mountain range. The basin drains approximately 1,000 square miles (mi) of west-central Washington as it flows in a generally northwesterly direction to Commencement Bay in Tacoma. Near Commencement Bay, the river is flanked to the east by the city of Fife and to the west by the city of Tacoma. The river is diked and runs between raised levees on both the east and west banks of the river, which flows north under a series of road and railroad bridges towards Commencement Bay in the vicinity of the area of potential effects (APE). The levee sections in the APE are a small part of a much larger flood control system that seeks to limit flooding in the Puyallup River watershed (Puyallup River Watershed Council 2014).

The Puyallup River has been channeled and contained since the early twentieth century. The lower river, at the base of Commencement Bay in Tacoma, was traditionally an estuary with marshes and mudflats (Puyallup River Watershed Council 2014). Although much of the mid and upper Puyallup River were subject to flood control as early as the turn of the century, the lower 3 mi of the river, including the APE, were channelized and restrained under the Puyallup River Flood Control Project between 1946 and 1950, after many years of public and private attempts to control flooding. The project, authorized by the Flood Control Act of 1936, included straightening the river south of the APE, constructing loose riprap levees and revetments, and needed bridge alterations along the lower three miles of the river (Kiers 2013; Prych 1988; Puyallup River Watershed Council 2014; USACE 2016).

Within the APE, the levees appear as earthen berms topped by vegetation and single-lane graveled paths identified as private extensions of N Levee Road E (east bank) and River Road E (west bank). These paths extend into the APE from the south but are inaccessible from the public right of way (ROW). North of the APE, they are discontiguous, occasionally interrupted by private property between the APE and Commencement Bay. Previous surveyors have identified typical vegetation along the levees as grasses, rhizomatous willow, cottonwood, and red alder, with some dense patches of blackberry vines. Within and north of the APE, the levee system is crossed by a series of railroad and roadway bridges, some of which are supported by posts set into the levees (Prych 1988).

The riverbed itself is anchored by a layer of gravel, cobbles, and boulders above the sandy river bottom. Regular dredging, both by agencies and private landowners, has removed sediment for use in construction and to maintain flood protection (Prych 1988).

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Historic Property Report

Historic Name: Precision Machine Works

Property ID: 731959

Location

Address: 2102 Eells St, Tacoma, Washington, 98421

Geographic Areas: T20R03E10, Pierce County Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Precision Machine Works

Property ID: 731959

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Precision Machine Works

Property ID: 731959

Photos

2102 Eells Street, view southwest.

2102 Eells Street, view southeast.

2102 Eells Street, view southwest.

Historic Property Report

Historic Name: Precision Machine Works

Property ID: 731959

Inventory Details - 10/17/2023

Common name:	Precision Machine Works
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete
Cladding	Metal - Corrugated
Structural System	Masonry - Poured Concrete
Plan	Irregular

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1950), the building at 2102 Eells Street (a.k.a. 2020 Puyallup Avenue) retains integrity of location, as it remains on its original parcel. It does not retain integrity of setting, as its surrounding parcel has been redeveloped. It does not retain integrity of design, materials, workmanship, feeling, or association, due to extensive waves of construction that have altered its entry and connected the building to additional construction on the west elevation, including a 9,180 square foot addition added in 1987 (NETROnline 2023; Pierce County Assessor 2023).

Evaluation

The primary building at 2102 Eells Street was constructed in 1950 and is presently used by Precision Machine Works, which is a Boeing supplier founded in 1957 (Dun and Bradstreet 2023; Pierce County Assessor 2023; PMW 2023). Research did not reveal when the company took over this location, as it is also associated with other locations in Tacoma, including one on A Street and another on Pacific Avenue in downtown Tacoma as late as the 1960s. This location appeared to be city owned in 1960 (Metsker 1960). As recently as 2001, Precision Machine Works had 140 employees making component parts for Boeing and Airbus (Seattle Times 2001).

While the building is associated with a local machine shop working with the aerospace industry today, it is not clear that the building has historic associations with the important work of clients including Boeing. The site is industrial in nature, and has likely been involved in industrial development in the recent past, but it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is a large industrial warehouse, tall enough to include machinery required for manufacturing. The building features some ornamental detail, evident in its massing and shingled metal panels, but it does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 2102 Eells Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the primary building at 2102 Eells Street, re-addressed as 2020 Puyallup Avenue, dates to 1950, with additional construction taking place in 1980, 1981, 1987, 1990, and 1991 (Pierce County Assessor 2023). A review of historic aerials indicates that this location has gone through phases of construction and demolition. By 1985, demolition had cleared the site of all but one building (ca. 1950). Further construction took place throughout the 1980s and 1990s, and today the building complex includes a heavily expanded footprint incorporating linked buildings, the majority of which do not date to 1980 or earlier (Pierce County Assessor 2023). The building that remains from 1950 is the easternmost building, an irregularly shaped, two-story warehouse facing north. It sits on a poured-concrete foundation, is constructed of concrete, and is clad in ribbed metal panels on its eastern elevation, lapped corrugated metal sheet on its north elevation (mimicking a Mansard-style roof), and a mix of materials on its south elevation, including plywood. The building is topped by a flat roof with no eaves.

The building's main facade faces north toward parking, and the parcel is enclosed by fencing and stored trucks. A screened enclosure near the building's northeast corner reads "Cadence Aerospace, Precision Machine Works." The building's facade includes concrete walls with an entry under a projecting flat-roofed awning supported by simple posts. Much of the remainder of the first floor includes concrete walls, overhead garage doors on garage bays, and lapped panels of corrugated metal (simulated clay tile) that cover the second floor and provide an awning and frame for the first floor, providing the building with a shingled or Mansard-style siding. The first-floor projects, and the upper floor slopes back, with deep set, shallow windows. The building's east elevation is clad in corrugated metal panels and includes a single garage door and a row of aluminum-frame sliding windows above. The building's south elevation includes projections on the first and second floor, clad in plywood with applied battens, and incorporating garage doors on the lower level and aluminum-frame sliding windows on the upper floor.

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Historic Property Report

Resource Name: Northern Pacific Railway/BNSF

Property ID: 722131

Location

Information

Number of stories: N/A

Construction Dates:

Construction Type	Year	Circa
Built Date	1873	☑

Historic Use:

Category	Subcategory
Transportation	Transportation - Rail-Related
Transportation	Transportation - Rail-Related

Historic Context:

Category
Transportation

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Historic Property Report

Resource Name: Northern Pacific Railway/BNSF

Property ID: 722131

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/5/2020	Survey/Inventory	

Photos

BNSF Rail from I-5, west bank of the Puyallup River, view north

BNSF Rail and Bridge from I-5, west bank of the Puyallup River, south of the APE, view south

Inventory Details - 6/5/2020

Common name:

Date recorded: 6/5/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Plan	Polygonal

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1873), the railroad bed retains integrity of location, although regular upgrades to ballast, rails, and ties, along with the addition of buildings and warehouses associated with subsequent users like the BNSF Railway have diminished the railbed's integrity of setting, design, materials, and workmanship, as has the loss of associated historic-period resources like switching equipment and former trestles. The railbed retains integrity of feeling and association, as it is still a railroad track, although it is no longer used by the Northern Pacific.

Evaluation

In 1864, Congress chartered a new company to build a transcontinental railroad to the Puget Sound, granting 60 million checkerboard acres from Minnesota to Washington. In spite of these grants, the Northern Pacific was slow to attract investment. By 1869, a rival railroad, the Union Pacific, completed the nation's first transcontinental route over the Sierras to California. By 1870, a spiderweb of rail networks, many of them privately funded, had begun to thread across the U.S. (Lange 2000; MacIntosh 1999).

In the Puget Sound at that time, local transportation was generally limited to horse-drawn wagons or water travel on small boats so numerous they were known as the "mosquito fleet." Shipping brought goods and people to Puget Sound from the south. In 1870, Jay Cook pledged his fortune to constructing the Northern Pacific into the growing Puget Sound region and began laying track west from Minnesota and north and east from Kalama, Washington, on the Columbia River. In 1873, after scouting the Puget Sound, railroad financiers chose the small hamlet of Tacoma as the terminus for the new rail line, frustrating Seattle to the north and leading to increased investment in Tacoma. In late 1873, the first Northern Pacific train arrived in Tacoma from Kalama. However, the nation fell into an economic depression in 1873 and the Northern Pacific languished until 1880 when Henry Villard began to fund its construction again. A gold spike united the eastern and western lines in Montana in 1883, although improvement continued throughout the 1880s (Lange 2000; MacIntosh 1999). In 1970, the Northern Pacific was merged, along with numerous other railroad companies, into the Burlington Northern Railroad, later the Burlington Northern and Santa Fe Railway, and now the BNSF Railway Company.

The Northern Pacific was significant as the second transcontinental railroad and the first

part of a much larger whole, it is significant for its associations with transportation (Criterion A). Background research did not suggest that the rail bed held a strong association with the lives of significant persons (Criterion B). The ties and rails themselves are not significant as a feat or engineering or for any other association with the innovations of the Northern Pacific or subsequent owners. The rail bed is not a distinctive example of a particular type, period, or method of construction but is nearly indistinguishable from others of its type. It is not the work of a master and does not possess high artistic values. It does not represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the railroad bed was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Railroad-related resources, including bridges and depots, are often determined individually eligible for the NRHP, although railroad tracks and roadbeds are not, based on their ubiquity and lack of integrity, as most have been heavily upgraded and replaced piece by piece over time. In spite of the significance of the early Northern Pacific, HRA recommends that the altered Northern Pacific railbed itself is not eligible due to a lack of individual significance and historic integrity from its period of construction. HRA recommends the railbed is not eligible for listing in the NRHP under any criteria.

Physical description:

As previously noted, two railroads approach the APE from the south, one on the west bank of the Puyallup River and one on the east. On the west bank, the tracks of the former Northern Pacific Railway approach the APE from the south, glide under I-5, and head northwest toward railyards at the Port of Tacoma, north of the APE. Today, this route is identified as the Burlington Northern Santa Fe Railway (BNSF) on contemporary maps, but when constructed in the 1870s, it was associated with the Northern Pacific Railway, which chose Tacoma as the western terminus of the nation's second transcontinental railroad in 1873. In 1970, the Northern Pacific was merged with the Great Northern Railway; the Chicago, Burlington & Quincy; the Spokane, Portland, and Seattle; and the Pacific Coast Railroad to form the BNSF predecessor, the Burlington Northern. Since then, the BNSF has grown to include 390 predecessor railroads and cover 32,500 rail miles through the United States, Canada, and into Mexico (BNSF n.d.).

Within the APE, the tracks that approach the former Northern Pacific Railyards and destinations north and south follow the original route of the Northern Pacific, although additional tracks have been added, and the original materials likely modified and replaced over time. Within the APE, the rail lines consist of as many as six branching tracks heading northwest. Tracks are constructed on a bed of gravel ballast and consist of wood ties and steel rails.

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1999 Northern Pacific Railroad and Seattle Development. HistoryLink.org Essay 1734. Electronic document, https://www.historylink.org/File/1734, accessed May 15, 2020.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Historic Property Report

Resource Name: Industrial Buildings

Property ID: 530918

Location

Address:	1713 PUYALLUP AVE, TACOMA, WA 98421
Tax No/Parcel No:	4715010571
Plat/Block/Lot:	Section 10 Township 20 Range 03 Quarter 12 INDIAN
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E10

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1935	☑
Remodel	1981	☐

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	
Industry/Processing/Extraction	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/20/2020	Survey/Inventory	

Photos

1713 Puyallup Avenue, Google Earth aerial, undated, view northeast

1713 Puyallup Avenue, view east

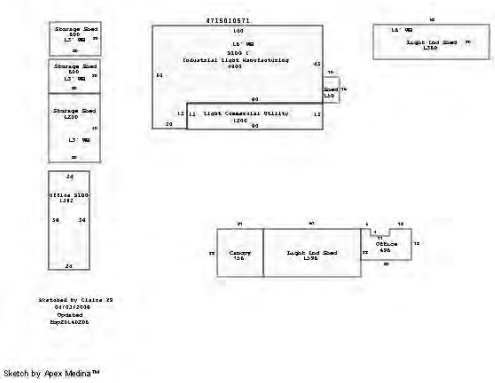

1713 Puyallup Avenue building sketches, Pierce County Assessor

1713 Puyallup Avenue, Tacoma Public Library, 1949

Historic Property Report

Resource Name: Industrial Buildings

Property ID: 530918

Inventory Details - 8/7/2011

Common name:

Date recorded: 8/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4715010571

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "2A" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=38333

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Aaberg Fuel Co. Yard
TNT 12/13/1949 p.11-13 New oil, truck
service added in Aaberg Fuel Co. expansion
program; modern miracle in handling coal;
clears mystery of Aaberg name (fictional) (il)
City Directory (1947)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 1713 Puyallup Avenue, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1935 and is a manufacturing facility. Also according to the county assessor, the structure was remodeled in 1981. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Industrial Buildings

Property ID: 530918

Inventory Details - 4/20/2020

Common name:

Date recorded: 4/20/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Metal - Corrugated
Roof Material	Metal
Roof Type	Gable
Structural System	Wood - Platform Frame
Foundation	Concrete - Poured
Form Type	Utilitarian
Plan	Rectangle

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From the period of construction, the historic-period building complex at 1713 Puyallup Avenue retains integrity of location and association but appears to have lost integrity of setting, design, materials, workmanship, and feeling, due to extensive development and alterations dating to 1981.

Evaluation

The complex at 1713 Puyallup Avenue was constructed between 1935 and 1981. It was the home of Aaberg's Fuel Company in the 1940s, which expanded its coal business at this location in 1949 (TPCBI 2020). By 1981, the site had lost its association with the fuel industry and was home to Sunnen Crane (City of Tacoma 2020). The historic-period buildings on site do not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The historic-period buildings are vernacular in style and type, and alterations have obscured their historic character and the character of the surrounding site. The buildings do not appear to be distinctive examples of a type, period, or method of construction. They are not known to be the works of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the buildings are constructed of common methods and well-known materials and are unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and an irretrievable loss of integrity, Historical Research Associates recommends that the historic-period buildings at 1713 Puyallup Avenue are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the industrial complex at 1713 Puyallup Avenue was constructed beginning in 1935 (Pierce County Assessor 2020). Two buildings date to the historic period: a 4,800-square-foot, wood-framed manufacturing building and a second 1,200-square-foot, wood-framed manufacturing building. Both were constructed in 1935. The remaining five buildings date to 1981, outside the historic period, and do not require survey. The historic-period resources are minimally visible from the public ROW due to a surrounding fence, but both appear to be wood-framed industrial buildings with standing-seam or corrugated metal siding and roofs. According to the assessor, both buildings were renovated in 1981, when additional buildings were added to the site.

Bibliography:

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Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma

Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Fastco building

Property ID: 731961

Location

Address: 2650 Bay St, Tacoma, Washington, 98421

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government, T20R03E10, Pierce County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1976	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Fastco building

Property ID: 731961

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Fastco building

Property ID: 731961

Photos

2650 Bay Street, view south.

2650 Bay Street, view northeast.

Historic Property Report

Historic Name: Fastco building

Property ID: 731961

Inventory Details - 10/17/2023

Common name:	Fastco
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete - Poured
Structural System	Masonry - Poured Concrete
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1976), the building at 2650 Bay Street retains integrity of location and setting, as it remains on its original parcel in an industrial section of Tacoma. It retains integrity of design, materials, workmanship, feeling, and association, and no alterations are evident.

Evaluation
The warehouse at 2650 Bay Street was constructed in 1976 and is used by Fastco, which supplies industrial fasteners. The company was founded at the Port of Tacoma in1963 (Fastco 2023).

While the building is associated with local manufacturing and distribution, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in design, a large open volume with a small, attached office. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 2650 Bay Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 2650 Bay Street was constructed in 1976 (Pierce County Assessor 2023). The building is rectangular, one-story tall, and faces away from the street and toward parking and a fenced work area. The building sits on a poured-concrete foundation, is constructed of concrete, and is topped by a flat, built-up roof with no eaves.

The building's north elevation includes two garage bays with overhead doors. The eastern bay is topped by signage reading "Fastco." A small projecting office is centrally located and faces east. It includes a pedestrian door with shallow concrete stair and two windows covered by bars. A small, shingled eave projects over the entry. The remaining three walls of the building are concrete with a pebble dash finish. No other fenestration is evident.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
2021 Tacoma Dome Link Extension: Historic Context and National Register of Historic Places Criterion A Eligibility Requirements. Prepared for Sound Transit, Seattle, Washington.

Fastco
2023 Nuts, Bolts & Screws – Since 1963. Electronic document, https://www.fastcoinc.com/, accessed January 27, 2023.

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1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

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2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Historic Property Report

Resource Name: Garage

Property ID: 534436

Location

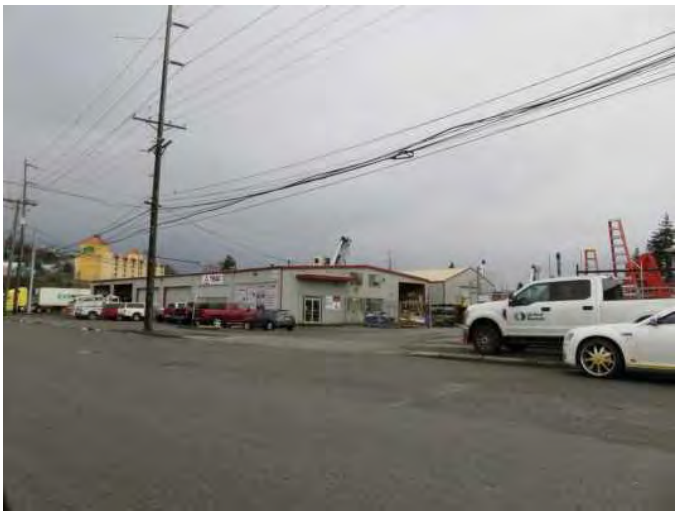

Address:	1601 E BAY ST, TACOMA, WA 98421
Tax No/Parcel No:	4715010543
Plat/Block/Lot:	Section 10 Township 20 Range 03 Quarter 12 INDIAN
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E10

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1968	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Garage

Property ID: 534436

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Garage

Property ID: 534436

Photos

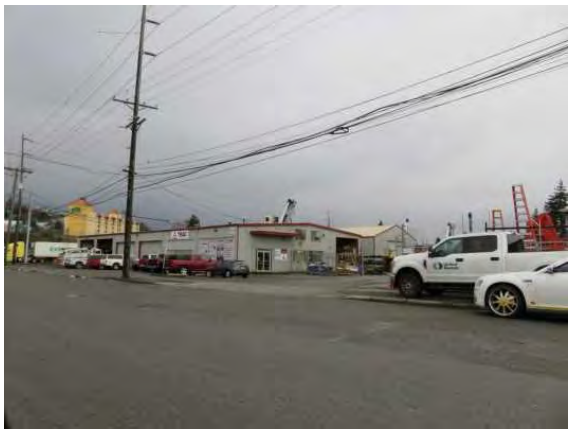

1601 Bay Street, view southwest.jpg

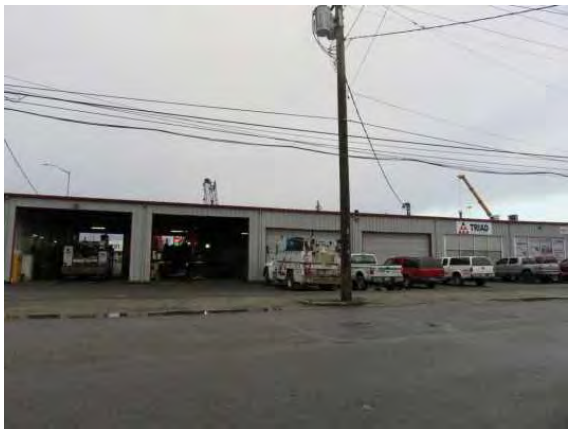

1601 Bay Street, view northwest.jpg

Historic Property Report

Resource Name: Garage

Property ID: 534436

Inventory Details - 8/7/2011

Common name:

Date recorded: 8/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4715010543

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Form Type	Commercial

Surveyor Opinion

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 1601 E Bay Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1968 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1985. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Garage

Property ID: 534436

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Gable - Front
Roof Material	Metal - Standing Seam
Form Type	Utilitarian
Cladding	Metal
Plan	Rectangle
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1968), the warehouse building at 1601 E Bay Street retains integrity of location, setting, design, materials, workmanship, feeling, and association.

Evaluation

The warehouse building at 1601 E Bay Street was constructed in 1968 and is now used by Triad Machinery. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in character, constructed of common materials, and is not architecturally significant (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc. recommends that the building at 1601 E Bay Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1601 Bay Street was constructed in 1968 (Pierce County Assessor 2020). The single-story warehouse faces northeast toward East Q Street. It sits on a poured-concrete foundation, is clad in ribbed metal panels, and is topped by a shallow, front-gabled, standing-seam metal roof with no eave. The building's primary entry is located on the northeast elevation and consists of swinging aluminum doors, flanked by narrow sidelights and topped by a shallow transom. The entry shelters under a projecting metal awning. West of the entry, the facade includes aluminum-framed sliding windows on the main floor and in the gable. The facade's west end includes a large garage bay. The secondary southeast elevation includes four garage bays and two bays of covered windows. The southwest elevation also includes garage bays. It faces a detached storage shed, also clad in metal panels, that dates to 1995 (Pierce County Assessor 2020).

Bibliography:

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Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

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Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Garage

Property ID: 531192

Location

Address:	2603 PORTLAND AVE, TACOMA, WA 98421
Tax No/Parcel No:	4715011142
Plat/Block/Lot:	Section 10 Township 20 Range 03 Quarter 12 INDIAN
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government, T20R03E10, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Restaurant
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Restaurant

Historic Context:

Category
Architecture

Historic Property Report

Resource Name: Garage

Property ID: 531192

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

2603 E Portland Avenue (parcel 475011142), view northeast.jpg

2603 E Portland Avenue (parcel 475011142), view northwest.jpg

Historic Property Report

Resource Name: Garage

Property ID: 531192

Inventory Details - 8/7/2011

Common name:

Date recorded: 8/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4715011142

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "1D" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 2603 Portland Avenue, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1950 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1985. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Garage

Property ID: 531192

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Utilitarian
Cladding	Concrete - Block (cmu)
Roof Type	Flat with Parapet
Plan	Rectangle
Roof Material	Asphalt/Composition - Built Up
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1950), the service garage at 2603 E Portland Avenue retains integrity of location, setting, design, materials, workmanship, feeling, and association.

Evaluation

This building is the northernmost of two garage buildings on a single parcel. The southern garage is evaluated separately. The northern garage and tire center at 2603 E Portland Avenue was constructed in 1950 and, based on a review of historic maps and local histories, is not known to have any associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in character, designed as a warehouse with garage bays to facilitate service and repair (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was likely constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of evident significance, Historical Research Associates, Inc. recommends that the northern service garage at 2603 E Portland Avenue is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the two garage buildings associated with Phelps Tire Factory at 2603 E Portland Avenue were constructed in 1950 (Pierce County Assessor 2020). The first, located to the north on parcel 4715011142, is a rectangular one-story garage atop a poured-concrete foundation and constructed of concrete block. The north half is topped by a barrel-vaulted roof covered in asphalt shingles. The south end is topped by a flat roof with moderate eaves. The building faces a wide parking lot and E Portland Avenue to the west. The building includes a series of five garage bays and a central, glazed pedestrian entry on its west elevation and multi-light, metal-framed windows on its east elevation. A sign on the south half of the building reads “Purcell Tire and Service Center.”

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Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Garage

Property ID: 721150

Location

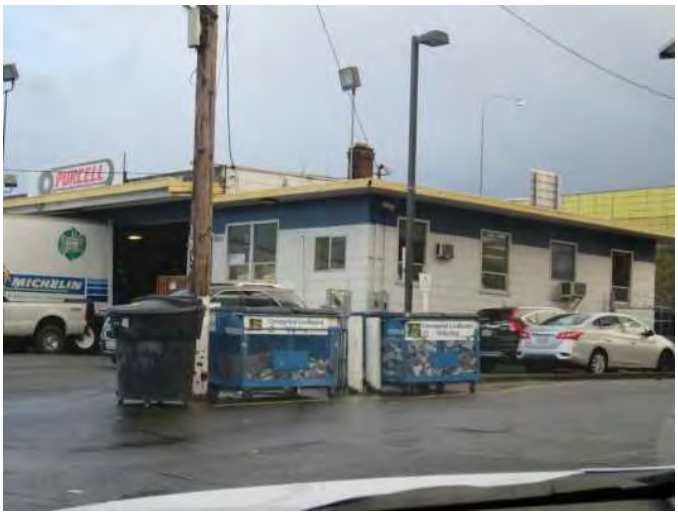

Address: 2603 E Portland Ave, Tacoma, Washington, 98421

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E10, Tacoma Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1950	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Garage

Property ID: 721150

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/6/2020	Survey/Inventory	

Photos

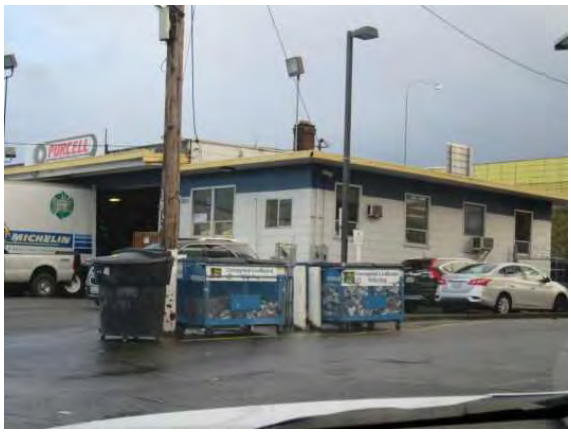

2603 E Portland Avenue (parcel 4715011390), view south.jpg

2603 E Portland Avenue (parcel 4715011390), view northwest.jpg

Historic Property Report

Resource Name: Garage

Property ID: 721150

Inventory Details - 2/6/2020

Common name:

Date recorded: 2/6/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Roof Type	Flat with Eaves
Cladding	Concrete - Block (cmu)
Plan	Rectangle
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Roof Material	Asphalt/Composition - Built Up

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction, the service garage at 2603 E Portland Avenue appears to retain integrity of location, setting, design, materials, workmanship, feeling, and association.

Evaluation

The southern garage is one of two located on the same parcel. The northern garage was evaluated separately. The southern service garage at 2603 E Portland Avenue was constructed in 1950 and does not appear, based on a review of historic maps and local histories, to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in character, designed as a warehouse with garage bays to facilitate service and repair (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was likely constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc. recommends that the southern service garage at 2603 E Portland Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

A second service garage is located south of parcel 4715011142 and is also addressed as 2603 E Portland Avenue. This one is located on parcel 4715011390. According to the Pierce County Assessor, the rectangular garage with an office projection to the west was constructed in 1950. It also faces west toward E Portland Avenue. The building is a single-story service garage on a concrete foundation, constructed of concrete block, and topped by a flat roof with deep eaves. The building's offices include garage bays and a series of aluminum-framed windows. The building's north and south elevations include additional garage bays.

Bibliography:

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Warehouse

Property ID: 536784

Location

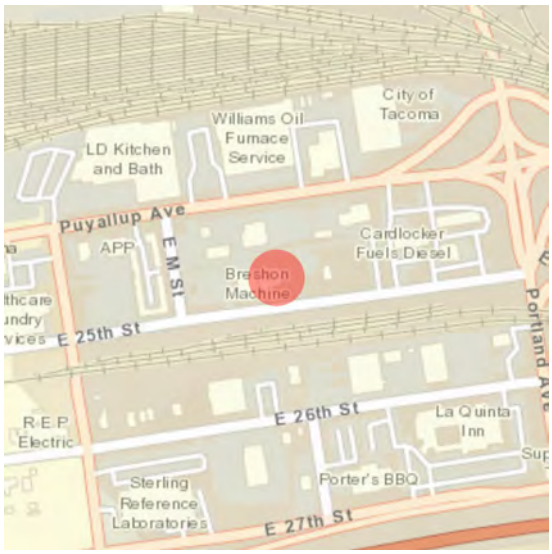

Address:	1313 E 25TH ST, TACOMA, WA 98421
Tax No/Parcel No:	4715010640
Plat/Block/Lot:	Section 10 Township 20 Range 03 Quarter 21 INDIAN
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E10

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1967	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Warehouse

Property ID: 536784

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Historic Property Report

Resource Name: Warehouse

Property ID: 536784

Photos

1313 E 25th St, view northeast

1313 E 25th St, view north

Historic Property Report

Resource Name: Warehouse

Property ID: 536784

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4715010640

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 1313 E 25th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1967 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1985. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Warehouse

Property ID: 536784

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - Board & Batten
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Commercial - Two-Part Block
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1967), the commercial building at 1313 E 25th Street retains integrity of location, design, setting, workmanship, feeling, and association, although alterations including recladding have diminished its integrity of materials.

Evaluation

The commercial building at 1313 E 25th Street was constructed in 1967 and is now owned by Industrial Tire Retreading. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial building with few character-defining features from the historic period, apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity loss, Historical Research Associates recommends that the commercial building at 1313 E 25th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 1313 E 25th Street was constructed in 1967 (Pierce County Assessor 2020). The two-story, rectangular building faces south toward E 25th Street. The building's northern warehouse is two stories, while the southern tire office is one story. The building sits on a poured-concrete foundation, is constructed of concrete block partially clad in board-and-batten siding, and is topped by a flat, built-up roof with wide eaves. The building's primary entrance is marked by a set of single panel doors on the south facade of the tire shop. A ribbon of windows on the warehouse facade are aluminum framed. There is one garage door on the south facade of the warehouse.

Bibliography:

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NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Residence

Property ID: 536705

Location

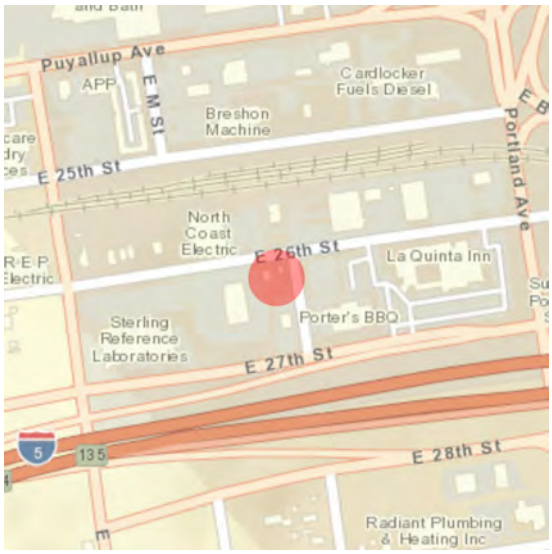

Address:	1320 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	4715010850
Plat/Block/Lot:	Section 10 Township 20 Range 03 Quarter 21 INDIAN
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E10

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1914	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Secondary Structure
Domestic	Domestic - Secondary Structure

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 536705

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

1320 E 26th Street, view south

320 E 26th Street, view southeast

Historic Property Report

Resource Name: Residence

Property ID: 536705

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 4715010850

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Cladding	Wood
Form Type	Utilitarian

Surveyor Opinion

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=30804

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Manly & Marie Ettor
City Directory (1915)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 1320 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1914 and is a domestic secondary structure. The platform frame building has a roof clad in an unknown material. The walls of the utilitarian form are clad principally in wood.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Residence

Property ID: 536705

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Block
Cladding	Brick - Common Bond
Cladding	Wood - Shingle
Roof Type	Gable - Cross
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - Bungalow
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Craftsman

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1914), the building at 1320 E 26th Street retains integrity of location, design, setting, workmanship, feeling, and association, although alterations including door and partial window replacements have diminished its integrity of materials. A change of use did not result in major alterations to the building, and therefore it does not diminish the building's historic integrity.

Evaluation

The building at 1320 E 26th Street was constructed in 1914. The building was originally constructed as a residence but is now connected with the commercial property to the west, known as TMS Trucking. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an early twentieth century Craftsman Bungalow with distinctive characteristics from the historic period, including its massing, porch design, decorative windows, dormers, wide eaves, and brackets (Criterion C). There have been alterations; however, the building retains historic integrity. Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to its significance as an early twentieth century Craftsman Bungalow, Historical Research Associates (HRA) recommends that the building at 1320 E 26th Street qualifies for listing in the National Register of Historic Places under Criterion C in the area of Architecture as an example of a Craftsman Bungalow. Its period of significance dates to its construction in 1914. Although surveyed from the public ROW, HRA assumes the boundary of the eligible resource is the footprint of the building.

Physical description:

According to the Pierce County Assessor, the building at 1320 E 26th Street was constructed in 1914 (Pierce County Assessor 2020). The two-story, rectangular building sits atop a daylight basement and faces north toward E 26th Street. The building sits on a concrete-block foundation and is clad in common bond brick on the first floor and wood shingles on the second floor. It is topped by a cross-gabled asphalt roof with wide eaves and decorative brackets. The entrance is marked by an elevated porch on the north facade with double square columns atop brick piers and simple railing. The residence is accessed by a central ramp instead of stairs. The windows are wood framed and double hung. Those that flank the entry include decorative top sashes with leaded glass. First floor openings are topped by segmented arches. The projecting upper floor includes a pair of wood-framed, double-hung windows flanked by additional windows. On the secondary east elevation, one of the doors has been partially enclosed around a window. The rear entrance is located at the southeast corner of the building on a one-story, shed-roofed portion of the building along the south elevation. The east and west elevations both include gabled dormers. A 1950s two-car detached garage northeast of the house, sits on a poured-concrete foundation, is clad in concrete and T1-11, and is topped by a flat, built-up roof.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721791

Location

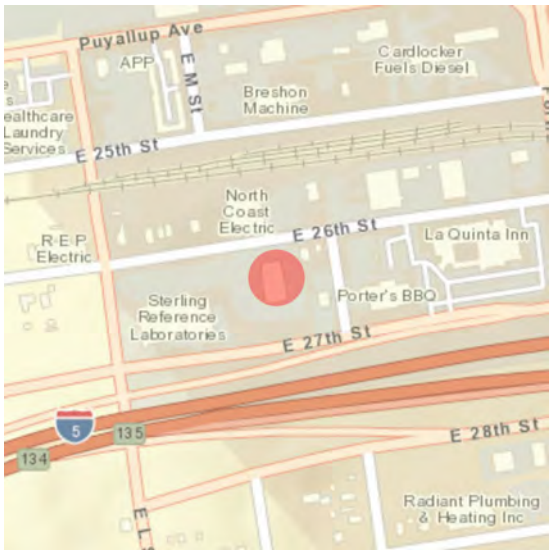

Address:	1314 E 26th St, Tacoma, Washington, 98421
Tax No/Parcel No:	4715010830
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government, T20R03E10

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1964	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721791

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Photos

1314 E 26th St, view southwest

1314 E 26th St, view southeast

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721791

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Concrete
Roof Type	Gable - Front
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Utilitarian
Structural System	Masonry - Poured Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1964), the building at 1314 E 26th Street retains integrity of location, setting, feeling, and association as it remains on its original parcel and retains much of its historic-period character. Window replacement has diminished its integrity of design, materials and workmanship.

Evaluation

The building at 1314 E 26th Street was constructed in 1964 for Portland-Seattle Freight Lines, Inc. Fred Berto & Sons constructed the building (TPCBI 2020). Today it is occupied by TMS Trucking. The building is part of the commercial fabric of the area but does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a compact International style building featuring the massing and flat roof typical of the type, although it has few other character-defining features. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the building at 1314 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-story building at 1314 E 26th Street was constructed in 1964 (Pierce County Assessor 2020). The building sits on a poured-concrete foundation, is constructed of board-formed concrete, and is topped by a front-gabled roof. A projecting office block on the north elevation is topped by a flat roof with eave. The building's primary entry is located on the east elevation and consists of a stair to a cantilevered platform accessing two pedestrian doors flanked by vinyl-framed windows and topped by a projecting awning. The building's north elevation, which faces E 26th Street, includes six window bays with vinyl-framed replacement windows in combinations of fixed and sliding windows. The building's west elevation includes vinyl windows, a pedestrian entry, and loading bays under a deep, projecting awning.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Historic Property Report

Resource Name: Tacoma Center Motel

Property ID: 721095

Location

Address: 1220 Puyallup Ave, Tacoma, Washington, 98421

Geographic Areas: Tacoma Certified Local Government, T20R03E10, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1941	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Hotel
Commerce/Trade	Commerce/Trade - Business
Domestic	Domestic - Hotel

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Tacoma Center Motel

Property ID: 721095

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

1220 Puyallup Avenue, view southeast.jpg

1220 Puyallup Avenue, view west.jpg

1220 Puyallup Avenue, view southwest.jpg

1220 Puyallup Avenue, view south.jpg

Historic Property Report

Resource Name: Tacoma Center Motel

Property ID: 721095

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Hotel/Motel - Motel
Foundation	Concrete - Poured
Roof Type	Gable - Side
Roof Material	Asphalt/Composition - Shingle
Cladding	Vinyl Siding
Cladding	Brick
Plan	U-Shape
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1941), the motel at 1220 Puyallup Avenue retains integrity of location, although alterations including signage, siding, and window replacement, along with integrity loss along the former Pacific Highway, have diminished the motel's integrity of setting, design, materials, workmanship, feeling, and association.

Evaluation

The Tacoma Center Motel at 1220 Puyallup Avenue was originally known as the Valley Motel. It was constructed in 1941 during the World War II era. In 1950, the motel was expanded, and in 1956, a blast and fire destroyed some part of the original structure (Tacoma Public Library 2020). The motel was constructed during a period when West Coast residents regularly drove the region's highways, including Washington's Pacific Highway (which lacks integrity in this area and is known as Puyallup Avenue). Commercial development, including roadside motels like the former Valley Motel developed along the edges of the highways and were designed to attract long-distance motorists, and often families. Based on its association with the growing car culture and the growing popularity of the Pacific Highway in the early-twentieth century, the Tacoma Center Motel appears to be associated with important events and trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the complex holds a strong association with the lives of significant persons (Criterion B). The complex is a modest example of the roadside motel type with some character-defining features including its massing and U-shaped plan, as well as some aluminum-framed windows, although original fabric, including siding and signage for the Valley Motel have been lost (Criterion C). The complex is a utilitarian example of its type with little roadside appeal or any evidence of an associated pool, restaurant, or other roadside attractions designed to draw passing motorists. The motel was located in an industrial area of the city and may have been sited to appeal to those in the area for work rather than those motorists touring West Coast highways. Based on its modest character and history of alteration, the complex does not appear to embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values. The motel could contribute to a historic district of mid-twentieth century roadside resources, were such a district present, although the surrounding landscape lacks integrity, making an eligible district unlikely. Finally, the complex was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on integrity loss, both for the motel and the surrounding area along Puyallup Avenue, Historical Research Associates, Inc. (HRA) recommends that the Tacoma Center Motel at 1220 Puyallup Avenue does not qualify for listing in the National Register of Historic Places under any criteria, either individually or as a contributing resource to a potential historic district.

Physical description: According to the Pierce County Assessor, the roadside motel at 1220 Puyallup Avenue was constructed in 1941 (Pierce County Assessor 2020). The motel, constructed in a U-shaped plan, faces internal parking and north toward Puyallup Avenue and is known as the Tacoma Center Motel. The complex of units sits on a poured-concrete foundation, is clad in vinyl siding, and is topped by side-gabled, asphalt-shingled roofs with small jerkinhead gables. The complex's office is located at the northeast corner. It is constructed with a projecting gable facing west over a recessed entry door with concrete stoop. The walls are clad in a skirt of brick topped by vinyl siding. The recessed entry door is paired with a sliding aluminum window. South of the entry is a tall, fixed, aluminum-framed window with a central awning window and a large picture window. South of the projecting gable is a carport that appears to separate the office from additional units, all of which include shallow concrete stoops to entry doors topped by scalloped awnings. Windows are a combination of aluminum-framed sliding, fixed, and awning windows, along with some vinyl-framed sliding windows. Some units are separated by covered carports, while others are not. The complex is secured by chain link fencing. On the office's north elevation and on the secondary east elevation, large, multi-light, aluminum-framed windows are visible. On the motel units to the south, windows are smaller and have occasionally been replaced with vinyl-framed sliding windows. The office unit includes a secondary entry off the east elevation and a partial cladding replacement. Outside the office is a sign reading "Motel Tacoma Center" under a neon arrow with an additional neon sign reading "Tacoma Center" topped by a finial. Neon "yes" and "no" signs indicate vacancy.

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Historic Property Report

Resource Name: Warehouse

Property ID: 721796

Location

Address:	1201 Puyallup Ave, Tacoma, Washington, 98421
Tax No/Parcel No:	4715010391
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government, T20R03E10

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1973	☑
Addition	1985	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Warehouse

Property ID: 721796

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Photos

1201 Puyallup Ave, view northeast

1201 Puyallup Ave, view northeast

Historic Property Report

Resource Name: Warehouse

Property ID: 721796

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Cladding	Metal
Plan	L-Shape
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Rolled
Structural System	Metal - Steel
Form Type	Utilitarian

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1973), the commercial warehouse at 1201 Puyallup Avenue retains integrity of location, setting, feeling, and association, although a large addition has diminished its integrity of design, materials, and workmanship.

Evaluation

The building was constructed in 1973 for Cavanaugh Lumber Co., a local lumber supplier. It was enlarged by an additional warehouse in 1983 when the building was owned by Architectural Wood, Inc. (City of Tacoma 2020). While the building was once associated with a local lumber provider, it was constructed late in the life of the company and it does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a utilitarian warehouse with storage and loading bays and is not a distinctive example of a particular type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of significance and integrity, Historical Research Associates recommends that the building at 1201 Puyallup Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the large L-shaped warehouse at 1201 Puyallup Avenue was constructed in 1973 (Pierce County Assessor 2020). The building sits on a poured-concrete foundation, is clad in a combination of T1-11 and standing-seam metal panels, and is topped by a flat roof. Primary elevations facing south and west include loading bays under deep eaves. A small office projection is minimally visible on the west elevation. The secondary east elevation includes no visible fenestration. The north elevation faces a network of railroad tracks.

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Historic Property Report

Resource Name: Restaurant

Property ID: 31229

Location

Address:	1206 Puyallup Ave, Tacoma, WA
Tax No/Parcel No:	4715010240
Geographic Areas:	Pierce County, T20R03E10

Information

Number of stories: 1.50

Construction Dates:

Construction Type	Year	Circa
Built Date	1926	☐
Addition	1976	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce
Entertainment/Recreation
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Restaurant

Property ID: 31229

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-11-00050, , Tacoma CBD 2003 Survey	7/27/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Historic Property Report

Resource Name: Restaurant

Property ID: 31229

Photos

1206 Puyallup Ave, view southwest

1206 Puyallup Ave, view southeast

1206 Puyallup Ave, Tacoma Public Library, 1977

FRONT OF BUILDING

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:	Valley Tavern
Date recorded:	1/1/1900
Field Recorder:	
Field Site number:	
SHPO Determination	

Historic Property Report

Resource Name: Restaurant

Property ID: 31229

Inventory Details - 7/27/2003

Common name: Valley Tavern

Date recorded: 7/27/2003

Field Recorder: OHP

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Cladding	Terra Cotta
Cladding	Wood
Form Type	Utilitarian
Cladding	Concrete - Block (cmu)

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: This building was constructed for McLean Brothers Grocers. By 1913, a meat market was located here; in 1938, it had the name Golden Rule Meat Market. In 1950, the Valley Tavern Beer Parlor moved into the building and has used the building since.

The southwestern part of Census Tract 602 consists of the City Waterway. This waterway, and the land adjacent to it lay outside the original boundaries of the Puyallup Indian Reservation and, as the body of water adjacent to the New Tacoma town site, played a separate role in the history of Tacoma than the Port-Industrial area. Development generally began earlier, assumed a form and experienced changes different from the tide flats. The first port, which along the southern shore of Commencement Bay, terminated there. A residential area of working class families grew south of the City Waterway. By 1905, the character of the area began to change as the dredging of the City Waterway was completed and the Puget Sound Electric Railroad placed its Seattle interurban line through the area. Gradually manufacturing firms and other commercial establishments were constructed south of the Waterway. With the advent of the automobile, the interurban line was replaced by the main highway to Seattle and automobile uses became predominant in the area. The properties identified through the Tacoma Cultural Resource Survey are representative of this development.

Physical description: A one story utilitarian building of terra cotta block which a newer concrete block addition has been placed. The original building has two casement windows and a central door. The addition has wood paneling above, and a front casement window.

Bibliography:

Tacoma City Directories.
602-39 (G-45-17)

Historic Property Report

Resource Name: Restaurant

Property ID: 31229

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Irregular
Cladding	Concrete - Block (cmu)
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Masonry - Concrete Block
Cladding	Stucco

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1926), the building at 1206 Puyallup Avenue retains integrity of location and setting, as it remains on its original parcel. Alterations and additions including an addition to the west, window replacement and new signage, along with a change in use, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The building at 1206 Puyallup Avenue was constructed in 1926 for McLean Brothers Grocers. The building became a meat market in the 1930s and a tavern in 1950 with the opening of the Valley Tavern Beer Parlor (Tacoma Culture 2020). The building was enlarged to the west in 1976 (City of Tacoma 2020). The building is still known as the Valley Tavern. As part of the early-twentieth century commercial fabric of the area, the building has some association with events that made a significant contribution to the broad patterns of local history (Criterion A). Preliminary research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a modest example of a one-part commercial block with few character-defining features from the historic period apart from its massing and symmetrical entry. It is not a distinctive example of its type, period, or method of construction. It is not known to be the work of a master or to possess high artistic values or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on a lack of integrity from its period of construction, Historical Research Associates recommends that the building at 1206 Puyallup Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1206 Puyallup Avenue was constructed in 1926 (Pierce County Assessor 2020). The building faces north toward Puyallup Avenue. The one-part commercial block sits on a poured-concrete foundation, is constructed of concrete block and hollow clay tile, and is topped by a flat roof with parapet. The building's facade features an off-center entry door with transom flanked east and west by paired fixed, wood-framed windows with applied ornament between them. The entry is topped by a fabric awning and projecting signage. An additional three-part window is located west of the entry with additional signage above. While some wall surfaces are parged, others are bare. Missing ornament forms a band near the roofline on the east elevation.

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Historic Property Report

Historic Name: Warehouse

Property ID: 731964

Location

Address: 1115 E 25th St, Tacoma, Washington, 98421

Geographic Areas: Tacoma Certified Local Government, T20R03E37, Pierce County, TACOMA SOUTH Quadrangle, Pierce County Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1972	☐
Addition	1973	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Warehouse

Property ID: 731964

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Warehouse

Property ID: 731964

Photos

1115 E 25th Street, view northwest.

1115 E 25th Street, view northeast.

Historic Property Report

Historic Name: Warehouse

Property ID: 731964

Inventory Details - 10/17/2023

Common name:	Healthcare Laundry Services
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - Vault
Roof Type	Barrel
Cladding	Metal - Corrugated
Cladding	Brick
Plan	Rectangle
Roof Type	Gable

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1972), the building at 1115 E 25th Street retains integrity of location and setting, as it remains on its original parcel. The building does not retain integrity of design, materials, workmanship, feeling, or association, due to a large expansion in 1973 that altered the building's massing and materials. While the addition is old enough, and close enough to the building's construction date, to potentially possess significance of its own, it greatly altered the building's character.

Evaluation

The warehouse at 1115 E 25th Street was constructed in 1972 and greatly enlarged the following year by the addition of a warehouse space that more than doubled the original footprint (NETROnline 2023; Pierce County Assessor 2023). The building is used by Healthcare Laundry Services.

While the warehouse is associated with industrial use, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in design, a large warehouse with minimal differentiation for its corner office. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 1115 E 25th Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1115 E 25th Street was constructed in 1972 with an addition added to the west elevation in 1973 (Pierce County Assessor 2023). The building is generally rectangular in plan, with a small projection off the east elevation. The building is a single-story tall and faces south toward E 25th Street . The building sits on a poured-concrete foundation, is clad in ribbed metal panels with brick veneer at the primary entry, and is topped by a shallow-gabled roof (western addition) and a barrel-vaulted roof on the original mass (east).

The building's main facade includes an office with oversized garage bay and pedestrian entry under a projecting corrugated metal awning. The entry is clad in brick veneer, includes a glazed, aluminum swinging door and a three-part metal window (fixed light flanked by sliders) over a brick planter box. On the building's east elevation is a row of three-part, metal-frame windows below shallow sliding windows and a row of narrow, wood-frame windows. The grade slopes to the north to accommodate a loading dock on a small, single-story projection. A wood deck with wood stair approached a metal pedestrian door, and a garage bay is located to the east. The south elevation of the warehouse includes one additional metal pedestrian door. The warehouse's west elevation includes a central oversized garage bay with concrete ramp. The northwest corner of the building steps back and includes an additional overhead garage door.

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1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

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Historic Property Report

Historic Name: Commercial Building

Property ID: 731962

Location

Address: 1119 E 26th St, Tacoma, Washington, 98421

Geographic Areas: Tacoma Certified Local Government, Pierce County Certified Local Government, TACOMA SOUTH Quadrangle, T20R03E37, Pierce County

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1979	☐
Addition	1990	☑
Addition	2000	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Commercial Building

Property ID: 731962

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

1119–1121 E 26th Street, view northwest.

1119–1121 E 26th Street, view southwest.

Historic Property Report

Historic Name: Commercial Building

Property ID: 731962

Inventory Details - 10/17/2023

Common name:	Neptune Seafood
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Roof Material	Clay Tile
Cladding	Concrete - Poured
Structural System	Masonry - Poured Concrete
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1979), the building at 1119–1121 E 26th Street retains integrity of location and setting, as it remains on its original parcel. The building does not retain integrity of design, materials, workmanship, feeling, or association, as aerial photographs show that it has been greatly expanded to the west, incorporating additional office space and a large warehouse.

Evaluation

The building at 1119–1121 E 26th Street was constructed in 1979 and is used by Neptune Seafood, a family-owned distribution company representing the Lentz shellfish farm from Olympia. The company began operations in 2016 (Neptune Seafood 2023). Research did not reveal the building's original use.

While the building is recently associated with local seafood distribution, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in design and greatly expanded in recent years. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc., recommends 1119-1121 E 26th Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 1119–1121 E 26th Street was constructed in 1979 (Pierce County Assessor 2023). Aerial photographs show that it was greatly expanded between 1985 and 1995 and again between 1998 and 2002 (Pierce County Assessor 2023). The building is generally rectangular, with a single-story warehouse to the west and a two-story office to the east. The building faces a parking lot on the north. Its primary entry is accessed off a raised plank walk from the east and is located on the south elevation. The building sits on a poured-concrete foundation, is clad in textured concrete, and is topped by a flat roof. Clay tile roofing is located on the south elevation, cladding the stepped-back second story and roofing the first.

The building's main facade includes glazed, aluminum-frame doors, an additional pedestrian door, and to the west, two metal-frame windows with sliders below fixed lights. No other fenestration is visible. The building's west elevation includes additional metal windows on upper floors. The building's east elevation includes two metal-frame windows above sliders on both the first and second floors and signage for "Neptune Seafood". A metal stair on the southeast corner addresses the change in grade. On the building's north elevation, the subterranean basement level is accessible. It includes overhead garage doors. The first and second floors include metal-frame fixed lights above sliders in ribbons of three on the two upper floors. Where the building was expanded to the west, two additional windows are evident on a projecting north wall.

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Historic Property Report

Resource Name: Residence

Property ID: 721797

Location

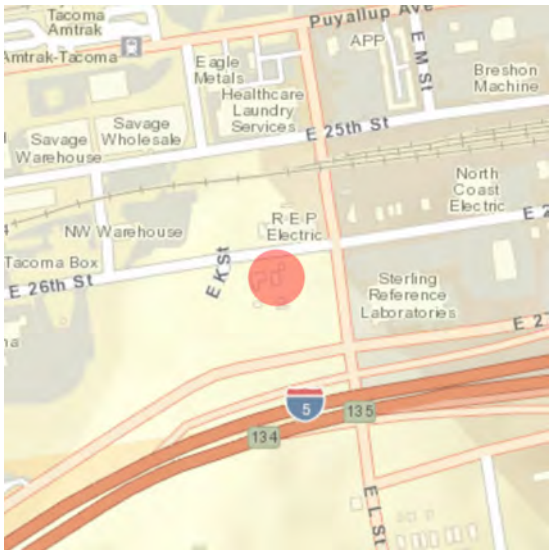

Address: 1112 E 26th St, Tacoma, Washington, 98421

Tax No/Parcel No: 2076360040

Geographic Areas: T20R03E37, Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1903	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Single Family House
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 721797

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Photos

1112 E 26th St, view southwest

1112 E 26th St, view southeast

1112 E 26th St, Tacoma Public Library, 1977

Historic Property Report

Resource Name: Residence

Property ID: 721797

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Block
Cladding	Wood - Clapboard
Roof Type	Hip
Roof Material	Asphalt/Composition
Form Type	Single Dwelling - American Foursquare
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Prairie

Surveyor Opinion

Significance narrative:

Integrity

From its date of construction (1903), the residence at 1112 E 26th Street retains integrity of location. It is one of few remaining residences in an increasingly industrial area and has lost integrity of setting. Window replacement has diminished its integrity of design, materials, and workmanship. It retains integrity of feeling and association, as it continues to serve its original purpose.

Evaluation

The residence at 1112 E 26th Street was built in 1903 and was likely part of a former residential neighborhood with views north to the tideflats. The building does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest American Foursquare with the massing, porch details, and deep eaves typical of the type (Criterion C). It is not known to represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contributes to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). In spite of window loss, the residence at 1112 E 26th Street remains a good example of an American Foursquare, a subset of Prairie style. Historical Research Associates (HRA) recommends that the building is eligible for listing in the National Register of Historic Places under Criterion C. Its period of significance dates to its construction in 1903. The building was surveyed from the public ROW but HRA assumes the eligible resource's boundary matches the historically plotted and current tax lot.

Physical description:

According to the Pierce County Assessor and the TPCBI, the residence at 1112 E 26th Street was constructed in 1903 (Pierce County Assessor 2020; TPCBI 2020). The building sits on a concrete-block foundation, is clad in clapboards, and is topped by an asphalt hipped roof with central pediment at the attic level. The building's facade features an off-center entry paired with a large, aluminum-framed sliding window and a full-width porch with central stair. The hipped porch roof is supported by simple Tuscan columns and includes simple plank railings. Deep porch eaves include decorative corbels. Above the porch roof is a pair of replacement windows flanked by decorative, non-operable shutters. Like the porch roof, the hipped eave and pediment include decorative corbels. The pediment includes a wide, wood-framed window. The building's corners are ornamented with pilasters. The secondary east elevation includes replacement windows, singularly or in pairs, as does the secondary west elevation, which also includes a projecting bay window. The west elevation is partially obscured by a single-car, detached garage with gabled roof. To the rear (south) of the building is a free-standing outbuilding which is side gabled and clad in clapboards, with a multi-light wood window and an off-center entry door.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

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MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Residence

Property ID: 516320

Location

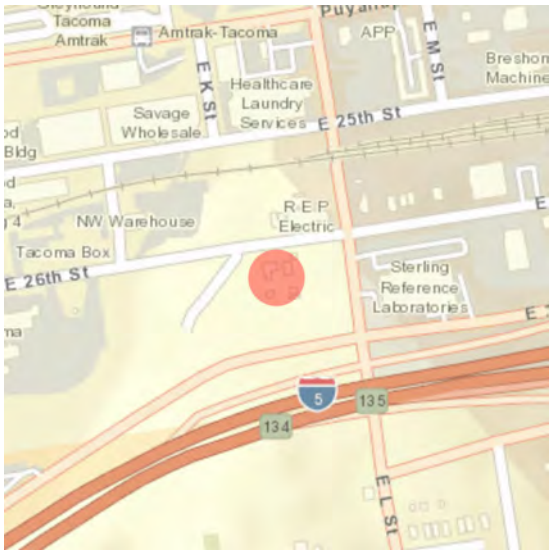

Address:	1106 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076360020
Plat/Block/Lot:	Section 10 Township 20 Range 03 Quarter 22 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E10

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1903	☐

Historic Use:

Category	Subcategory
Domestic	Domestic - Secondary Structure
Domestic	Domestic - Single Family House
Domestic	Domestic - Secondary Structure
Domestic	Domestic - Single Family House

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Residence

Property ID: 516320

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2011-09-00164, , Assessors Data Project: Tacoma B	8/4/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Historic Property Report

Resource Name: Residence

Property ID: 516320

Photos

1106 E 26th St, view southeast

1106 E 26th St, Tacoma Public Library, 1977

1106 E 26th St, view southwest

Historic Property Report

Resource Name: Residence

Property ID: 516320

Historic Property Report

Resource Name: Residence

Property ID: 516320

Inventory Details - 8/4/2011

Common name:

Date recorded: 8/4/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076360020

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood
Roof Material	Asphalt/Composition - Shingle
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative: The building's materials constitute a potential demolition waste of 36.8 tons. Analysis of potential demolition materials was undertaken as part of updates to the City of Tacoma's Preservation Plan in 2011 to identify potential landfill costs. The analysis combined calculations and values from the EPA's 2003 Estimating 2003 Building-Related Construction and Demolition Materials Amounts with county assessor building and University of Washington, Washington State Parcel Database form information.

Modeled as a category "1C" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3899

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Frank LaJoice
T.Evening News 1/12/1903 p.2 permits

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The house at 1106 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1903 and is a single family dwelling. Also according to the county assessor, the structure was remodeled in 1950. The 2-story, platform frame building has a roof clad in asphalt composition shingles. The walls of the single family house form are clad principally in wood.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Residence

Property ID: 516320

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076360020

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Cladding	Concrete - Block (cmu)
Structural System	Masonry - Concrete Block

Surveyor Opinion

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3899

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Frank LaJoice
T.Evening News 1/12/1903 p.2 permits

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 1106 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1903 and is a domestic secondary structure. Also according to the county assessor, the structure was remodeled in 1968. The 1-story, concrete block building has a roof clad in an unknown material. The walls of the utilitarian form are clad principally in concrete block.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Residence

Property ID: 516320

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Cladding	Wood - Clapboard
Cladding	Wood - T 1-11
Roof Type	Gable - Front
Roof Material	Asphalt/Composition
Plan	Rectangle
Form Type	Single Dwelling
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late Victorian Period	Queen Anne

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1903), the residence at 1106 E 26th Street retains integrity of location. It is one of few remaining residences in an increasingly industrial area and has lost integrity of setting. Window replacement, the addition of an adjoining garage, and porch alterations have diminished its integrity of design, materials, and workmanship. It retains integrity of feeling and association, as it continues to serve its original purpose.

Evaluation

The residence at 1106 E 26th Street was constructed in 1903 and was likely part of a former residential neighborhood with views north to the tideflats. The building does not appear, based on a review of historic maps and local histories, to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest Queen Anne residence with the massing, front-facing gable, minimal stick work, and wood siding typical of the type. In spite of some alterations, the building remains a representative example of its type, period, and method of construction. It is not known to represent the work of a master; or possesses high artistic values; or represents a significant and distinguishable entity whose components may lack individual distinction (i.e., contributes to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and integrity, Historical Research Associates recommends that the residential building at 1106 E 26th Street is eligible for listing in the National Register of Historic Places under Criterion C as a modest example of a Queen Anne residence. The building's period of significance dates to its construction in 1903. The residence was surveyed from the right-of-way, but HRA assumes the boundary of the eligible resources is the historically plotted and current tax lot.

Physical description:

According to the Pierce County Assessor, the building at 1106 E 26th Street was constructed in 1903 with a detached garage added to the east in 1952 (Pierce County Assessor 2020). The primary building fronts north on E 26th Street. It sits on a concrete-block foundation and is clad in wood clapboards with some T1-11 on the basement level. The building is topped by a front-gabled, asphalt shingle roof. The building's facade features an off-center entry door paired with a wood-framed picture window. The first floor includes a full-width porch with milled posts and wood railings and spandrels as well as decorative millwork brackets under a hipped porch roof. The projecting porch is supported by post and beam. Above the porch roof is a pair of vinyl-framed windows and decorative millwork in the gable. The secondary west elevation includes paired, wood-framed, one-over-one windows and a rear recessed porch with decorative railing and spandrels. A pedestrian door and sliding windows are located on the basement level. The building's secondary east elevation faces a detached, front-gabled garage clad in T1-11. The house includes windows either singular or in pairs. To the rear (south) of the building is a free-standing greenhouse, as well as an additional outbuilding, likely a former garage, which is side gabled, standing on a foundation skirted in T1-11, and clad in clapboards, with an entry door on the north elevation accessed by a wood stair.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay

10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document,

http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Warehouse

Property ID: 530920

Location

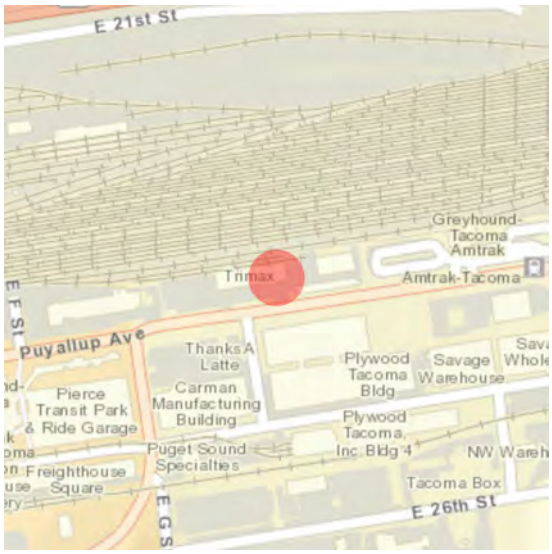

Address:	805 PUYALLUP AVE, TACOMA, WA 98421
Tax No/Parcel No:	2074290011
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 11 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Warehouse

Property ID: 530920

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Photos

805 Puyallup Ave, view northeast

805 Puyallup Ave, view north

Historic Property Report

Resource Name: Warehouse

Property ID: 530920

Inventory Details - 8/7/2011

Common name:

Date recorded: 8/7/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2074290011

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=24116

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Washington Co-operative Egg & Poultry Assoc.
TDL 8/6/1922 p.H1 Tacoma stores now selling Pierce County co-op
eggs (interior il)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 805 Puyallup Avenue, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1969 and is a warehouse. Also according to the county assessor, the structure was remodeled in 2008. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography:

Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Warehouse

Property ID: 530920

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Concrete
Cladding	Metal - Corrugated
Roof Type	Gable - Side
Roof Material	Metal - Corrugated
Form Type	Utilitarian
Structural System	Metal - Steel

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the commercial building at 805 Puyallup Avenue retains integrity of location and setting, although alterations including recladding, window replacement, and the addition of buildings on the parcel, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 805 Puyallup Avenue was constructed in 1969 and is now used by South Sound Transload. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial building with few distinctive characteristics from the historic period, apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 805 Puyallup Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 805 Puyallup Avenue was constructed in 1969 (Pierce County Assessor 2020). The one-story, rectangular building faces south toward Puyallup Avenue. The building sits on a poured-concrete foundation, is clad in concrete and corrugated metal, and is topped by a shallow gabled metal roof with wide eaves. The entrance is marked by a set of concrete steps at the corner of the south facade. The windows are vinyl framed. There are multiple loading bays on the south facade. The north elevation features loading bays and a concrete ramp that access the rail line directly. Two smaller buildings, east and southeast of the main building, were constructed in 2004 and 1994, respectively, outside the historic period, and do not require survey.

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Historic Property Report

Historic Name: Architectural Woods Inc. warehouse Property ID: 731963

Location

Address: 808 Puyallup Ave, Tacoma, Washington, 98421

Geographic Areas: Pierce County Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle, T20R03E37, Tacoma Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1978	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Architectural Woods Inc. warehouse Property ID: 731963

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Photos

808 Puyallup Avenue, view southeast.

808 Puyallup Avenue, view east.

Historic Property Report

Historic Name: Architectural Woods Inc. warehouse Property ID: 731963

Inventory Details - 10/17/2023

Common name:	General Distributing Company; Architectural Woods Inc.
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete - Poured
Structural System	Masonry - Poured Concrete
Plan	Rectangle

Styles:

Period	Style Details
No Style	No Style

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1978), the warehouse at 808 Puyallup Avenue appears to retain integrity of location, setting, design, materials, workmanship, feeling, and association, as no alterations are evident.

Evaluation
The warehouse at 808 Puyallup Avenue is a utilitarian warehouse constructed in 1978, possibly as an addition to the building to the north, used by General Distributing Company and then Architectural Woods Inc. Based on aerial photographs and a photograph held by the Tacoma-Pierce County Building Index, the warehouse at 808 Puyallup Avenue appears to have replaced a smaller warehouse from the 1950s used by Pozzi Bros. Transportation Company (Pierce County 2023; Tacoma Public Library 2023). FTA determined the offices for Architectural Woods Inc., addressed as 801 E 25th Street, not eligible for listing in the NRHP in 2014 (DAHP 2023).

While the warehouse is associated with local manufacturing and distribution, it does not appear, based on a review of historic maps and local histories, to have any specific or important association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A) (Beckner and Weaver 2021). Background research did not reveal any association of the resources with the lives of significant persons (Criterion B). The building is utilitarian in design, a large open volume with minimal fenestration. It does not possess the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc., recommends 808 Puyallup Avenue not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 808 Puyallup Avenue was constructed in 1978 (Pierce County Assessor 2023). The building is rectangular in plan, a single-story tall, and faces west. It is attached by systems to a building on a parcel to the north that includes offices for AWI or Architectural Woods Inc. The office building was previously determined not eligible for listing in the National Register of Historic Places. It is not within the Area Potential Effects for the Tacoma Dome Link Extension. The building at 808 Puyallup Avenue sits on a poured-concrete foundation, is constructed of concrete, and is topped by a flat, built-up roof.

The building's west-facing elevation includes an overhead garage door, centrally located next to a metal pedestrian door. An additional overhead garage door is located on a garage bay at the northeast corner. No other fenestration is evident on any elevation, with the exception of venting. To the south, the building is connected by systems and ducting to the building to the north.

Bibliography:

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Historic Property Report

Resource Name: Commercial

Property ID: 721805

Location

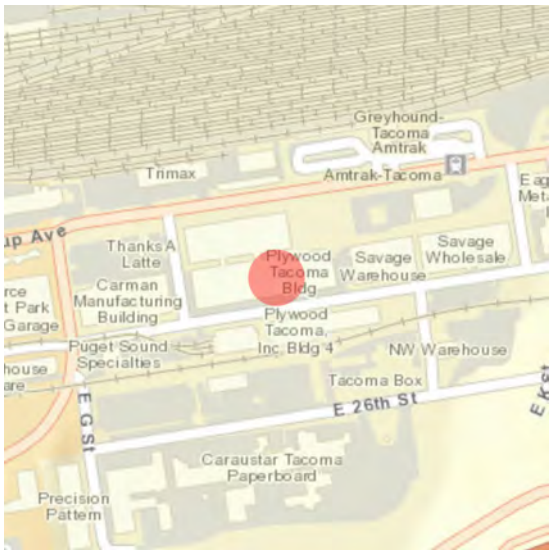

Address: 811 E 25th St, Tacoma, Washington, 98421

Tax No/Parcel No: 2075290020; 2075310011

Geographic Areas: Tacoma Certified Local Government, T20R03E37, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial

Property ID: 721805

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial

Property ID: 721805

Photos

811 E 25th Street, view northeast

811 E 25th Street, view northwest

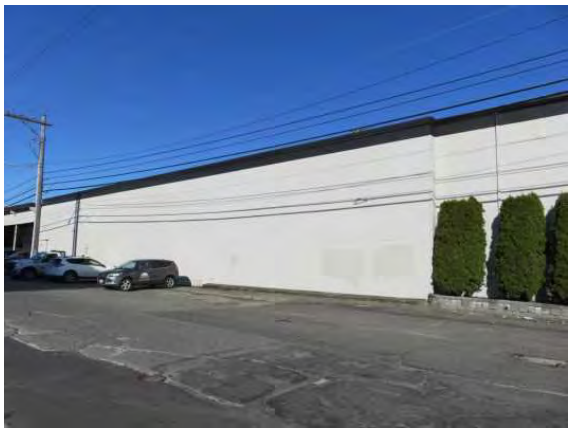

811 E 25th Street, view northwest

Historic Property Report

Resource Name: Commercial

Property ID: 721805

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Cladding	Wood - Plywood
Plan	Rectangle
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1975), the warehouse building at 811 E 25th Street retains integrity of location, setting, feeling, and association, although alterations including recladding and a large addition on the east elevation have diminished its integrity of design, materials, and workmanship.

Evaluation

The warehouse building at 811 E 25th Street was constructed in 1975. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the warehouse building at 811 E 25th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the warehouse building at 811 E 25th Street was constructed in 1975 and has a 1995 addition on the east elevation (Pierce County Assessor 2020). The single-story, rectangular building faces south toward E 25th Street. The building sits on a poured-concrete foundation, is clad in T1-11 and plywood, and is topped by a flat, built-up roof with eaves. The entrance is marked by a set of single panel doors on the west end of the facade. Loading bays are located on the facade and east elevation of the 1995 addition. There are no visible windows.

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Historic Property Report

Resource Name: Caraustar/Tacoma Paperboard

Property ID: 721085

Location

Address: 808 E 26th St, Tacoma, Washington, 98421

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government, T20R03E37

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1960	☑
Addition	1970	☑
Addition	1985	☑

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Caraustar/Tacoma Paperboard Property ID: 721085

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Historic Property Report

Resource Name: Caraustar/Tacoma Paperboard

Property ID: 721085

Photos

808 E 26th Street with office building in the foreground, view northeast.jpg

808 E 26th Street, view northeast.jpg

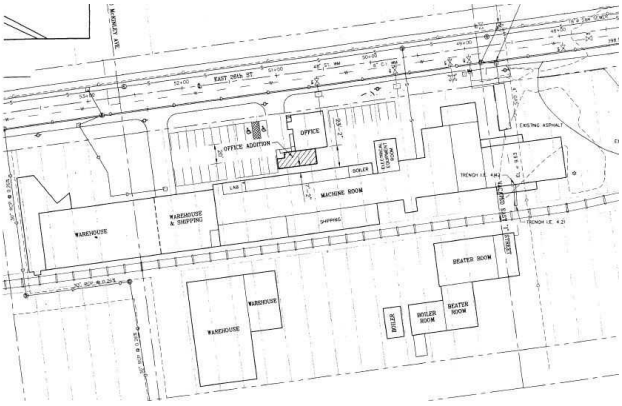

808 E 26th Street, view north

Historic Property Report

Resource Name: Caraustar/Tacoma Paperboard Property ID: 721085

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Wood - T 1-11
Foundation	Concrete - Poured
Roof Type	Gable
Roof Type	Flat with Eaves
Cladding	Metal
Form Type	Utilitarian
Roof Material	Metal
Plan	Irregular
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1960–1985), the building complex known as Caraustar/Tacoma Paperboard retains integrity of location and setting. Some minor alterations including additions and siding replacement on the office building have diminished the plant's integrity of design, materials, workmanship, feeling, and association.

Evaluation

According to the company's website, the plant at 808 E 26th Street uses recycled paper to make paperboard and other specialty products. The plant dates to the late twentieth century, although this location has an industrial history, hosting the East Tacoma Manufacturing Company in the 1920s, and the California Container Corporation and West Coast Chair Company in the mid-twentieth century before Tacoma Paperboard (Sanborn 1950; Tacoma Public Library 2020). The plant does not appear, based on a review of historic maps and local histories, to hold any specific associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the plant held a strong association with the lives of significant persons (Criterion B). The complex is industrial and utilitarian in design. Although it likely relies on innovative technologies, the plant is not known to be significant under either an architectural or engineering context (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the complex was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the Caraustar/Tacoma Paperboard plant at 808 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the manufacturing plant located at 808 E 26th Street was constructed in pieces. Multiple large, light industrial, shell buildings on parcel 2076300010 were constructed in 1960. The plant's detached office building was constructed in 1970. A storage warehouse was constructed in 1985 (Pierce County Assessor 2020). Parcel 2076300010 is part of a much larger paper processing plant known as Caraustar/Tacoma Paperboard.

The plant at 808 E 26th Street is a wide complex of buildings facing north toward E 26th Street between East G Street and East J Street. The shell buildings, which are linked together, are constructed on concrete foundations, clad in ribbed or standing-seam metal panels, and topped by flat or shallow gabled roofs with modest eaves. The long central building complex flares on the west end and includes two raised loading bays with a sign reading "Shipping." Near the east end is a wide machine room with a boiler and electrical equipment room. The building also includes a pedestrian entry with sliding windows topped by a shed roof on its east end. The 1970 office building is centrally located north of the shell building complex. It is a single story tall and irregularly shaped. It sits on a poured-concrete foundation, is clad in T1-11, and is topped by a side-gabled roof with clipped gable ends. The building includes sliding windows on its facade and a recessed entry under a flat-roofed awning on the east end. The building has been expanded to the rear, where it includes a projection with an additional pedestrian entry.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536751

Location

Address:	712 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076280013
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 11 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑
Addition	1990	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture
Architecture

Historic Property Report

Resource Name: Commercial Building

Property ID: 536751

Architect/Engineer:

Category	Name or Company
Builder	R.S. Bringham
Architect	Bringham, R.S.

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Photos

712 E 26th Street, view southwest

712 E 26th Street, view east

712 E 26th Street, view southeast

712 E 26th Street, 1990 addition, view southeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 536751

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076280013

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "2A" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3888

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Tacoma Broom Co.
R.S. Bringham, arch. & contr.
TDL 10/29/1889 p.4 Six hundred a day
TDL 1/1/1890 p.11 permits

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservati

Physical description: The building at 712 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1889 and is a warehouse. Also according to the county assessor, the structure was remodeled in 1990. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536751

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Irregular
Foundation	Concrete - Poured
Cladding	Concrete - Precast
Cladding	Brick
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Structural System	Masonry - Brick
Structural System	Masonry - Precast Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the commercial building at 712 E 26th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and an addition, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 712 E 26th Street was constructed in 1969 and is now used by Western Builders Supply. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial warehouse with few character-defining features from the historic period, apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 712 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 712 E 26th Street was constructed in 1969 and has a 1990 addition to the rear (southwest corner) (Pierce County Assessor 2020). The two-story, irregularly shaped building faces north toward E 26th Street. The building sits on a poured-concrete foundation, is clad in pre-cast concrete and brick, and is topped by a flat, built-up roof with a parapet. The parapet on the rear 1990 addition is gabled. On the building's northeast corner is a one-story projection, an office clad in brick, which features an east-facing elevated entrance and a ribbon of vinyl-framed windows (Figure 6.2-339). To the west of the projection is the storefront entrance on the two-story warehouse under a canvas awning. The warehouse's north facade also includes pilasters that separate the elevation into bays, including four central loading bays. On the secondary west elevation are secondary entrances and two loading bays.

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Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

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Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Location

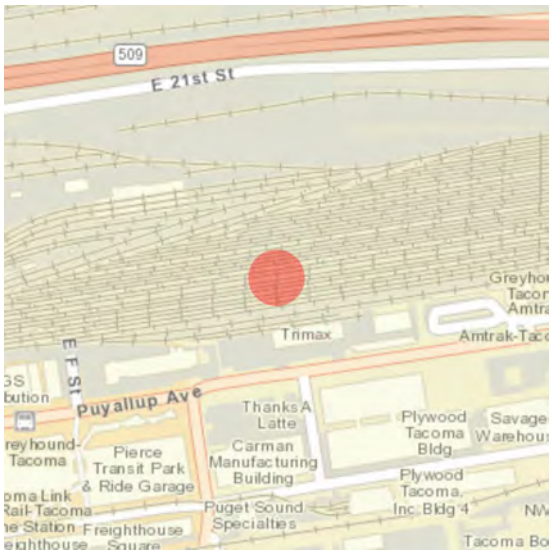

Address: 605 Puyallup Ave, Tacoma, WA 98421

Tax No/Parcel No: 2073230010

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1945	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Transportation
Architecture

Architect/Engineer:

Category	Name or Company
Builder	J.H. Sellen Construction Co.

Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma	7/21/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Photos

603-605 Puyallup Ave, view northeast

603-605 Puyallup Ave, Tacoma Public Library, 1948

603-605 Puyallup Ave, Tacoma Public Library, 1948

603-605 Puyallup Ave, view northwest

South and west elevations (view northeast)

Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Inventory Details - 7/21/2003

Common name:

Date recorded: 7/21/2003

Field Recorder: Gene Grulich

Field Site number: DST18

SHPO Determination

Detail Information

Characteristics:

Category	Item
Cladding	Brick
Form Type	Commercial
Plan	L-Shape
Roof Material	Asphalt/Composition - Rolled
Foundation	Concrete - Poured
Roof Type	Flat with Eaves

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: In 1946, this building was constructed as the Northern Pacific Railway office building and freight depot. According to a Tacoma News Tribune article published at the time, "the new building will be at the site of the present freight house along Puyallup Avenue and will be an important improvement in the Northern Pacific terminal facilities in the industrial section." By the 1960s, the facility was called the Northern Pacific Transport Company.

Physical description: This building is composed of two sections, a one story warehouse and a two story office building. The building has a brick veneer constructed in a running board pattern. The main entrance projects from the face of the building and has a semi-circular concrete roof with scalloped facia. There are projecting belt courses in the brick at the head and sill of the windows forming horizontal bands on the façade. The windows are metal frame double hung. A small penthouse is located on the office building. At the warehouse portion there is a covered loading dock along the Puyallup Avenue façade. The original service bays of the warehouse have been modified with infill and replacement doors, along with other changes. The roof above the loading dock is corrigated metal.

Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Bibliography:

Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Brick
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Form Type	Utilitarian
Structural System	Masonry - Brick

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Historic Property Report

Resource Name: Burlington Northern Office and Freight Warehouse

Property ID: 32815

Significance narrative:

Integrity

From its period of construction (ca. 1945), the warehouse building at 603–605 Puyallup Avenue retains integrity of location, setting, feeling, and association, although alterations including window replacement on the warehouse have diminished its integrity of design, materials, and workmanship. It continues to be used as a BNSF office and warehouse, and surrounding railroad-related buildings are also largely extant.

Evaluation

The warehouse building at 603–605 Puyallup Avenue was constructed ca. 1945 and is owned by BNSF Railway Company, an industrial transportation company. The building was built as a freight station and office building for Northern Pacific Railway, a rail company tied to the development of the Puget Sound region. However, by the end of World War II, rail companies like Northern Pacific were losing freight business to the trucking industry (TPCBI 2020). Although not old enough to be associated with the early development of Tacoma, the building remains significant for its association with rail transportation in the area (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian warehouse with attached offices. While modest in character, the building features decorative fluting and a semi-circular roof at the entry (Criterion C). The building does embody the distinctive characteristics of its particular type, period, and method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Historical Research Associates (HRA) recommends 603–605 Puyallup Avenue eligible for listing in the National Register of Historic Places under Criteria A and C, as a local representation of a streamlined Moderne office building and warehouse, with a period of significance dating to its construction ca. 1945. Though surveyed from the public ROW, HRA assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: According to the Pierce County Assessor, the warehouse building at 603–605 Puyallup Avenue was constructed in 1950, although this appears to be an error, based on historic photos held by the Tacoma Public Library (Pierce County Assessor 2020; TPCBI 2020). Built ca. 1945, the commercial building fronting south at 603–605 Puyallup Avenue is a combined office and warehouse building built along a rail line. Generally rectangular, the 20,560 square ft building sits atop a poured-concrete foundation, is clad in brick laid in common bond, and is topped with a flat roof with parapet (Pierce County Assessor 2020). The one-story warehouse abuts a two-story office block, with the facade in the south elevation. Both structures are topped with rolled-asphalt material (Google Earth Pro 2020). The office block features two stories of four-light windows with concrete sills. Header courses immediately above and below each row of windows extend slightly from the facade and emphasize the horizontality of the window composition. The main entry is set within a brick-clad porch with fluted molding framing a single-light metal door. A semi-circular concrete canopy tops the porch, edged in a fluted concrete band. These decorative details, including the decorative brickwork, continue on the west elevation of the office building. A small, recessed, personnel door sits near the northwest corner. At the northeast corner of the office building, a stucco-clad tower with fixed, metal-frame windows and overhanging eaves stands above the roofline, providing views of the railroad lines north of the building. To the east of the office block, a one-story warehouse with multiple loading bays extends 270 ft. The loading bays are blocked with concrete block and infilled with personnel doors, windows, or metal, roll-up loading bay doors that are smaller than the original openings. A corrugated metal awning extends over these doorways along the length of the facade. The building's east elevation features three large loading bays covered with a corrugated metal awning. To the rear are the BNSF railroad tracks.

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Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Tacoma Can Company

Property ID: 731966

Location

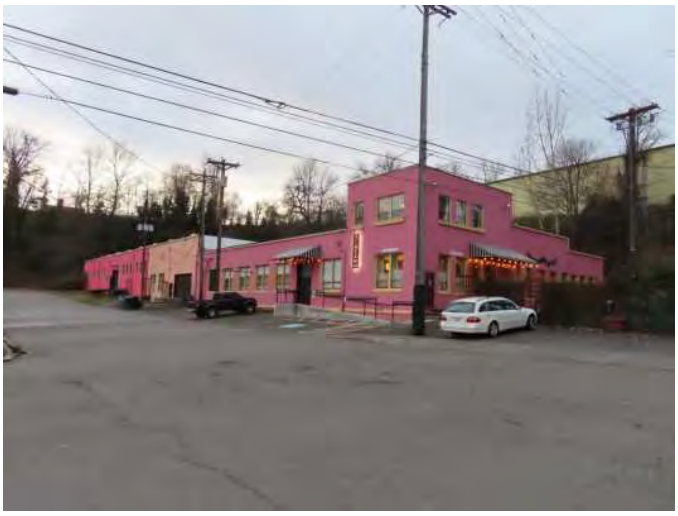

Address: 2620 E G St, Tacoma, Washington, 98421

Geographic Areas: Pierce County Certified Local Government, Tacoma Certified Local Government, Pierce County, T20R03E37, TACOMA SOUTH Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1919	☑
Addition	1930	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company
Architect	Hill, Mock and Griffin

Historic Property Report

Historic Name: Tacoma Can Company

Property ID: 731966

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	

Historic Property Report

Historic Name: Tacoma Can Company

Property ID: 731966

Photos

2620 E G Street, view southwest.

FACTORY OF TACOMA CAN COMPANY.

CAN MANUFACTURERS ENJOY BIG BUSINESS

Factory Started in 1914 Now Occupies Own Building and Supplies Products Through Entire State

CANADA BENEFITS BY RAIL ORDERS

Latest Labor Statistics Show Payroll Expansion Affecting 11,000 Workers

The_Tacoma_Daily_Ledger_1921_10_31_page_6.jpg

2620 E G Street, view southwest.

2620 E G Street, view southwest.

Historic Property Report

Historic Name: Tacoma Can Company

Property ID: 731966

Inventory Details - 10/17/2023

Common name:	Tin Can Alley
Date recorded:	10/17/2023
Field Recorder:	Kristen Freeman
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Concrete - Poured
Cladding	Wood - Vertical Boards
Structural System	Masonry - Poured Concrete
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca 1919), the building at 2620 E G Street retains integrity of location and setting, as it remains on its original parcel. It does not retain integrity of design, materials, workmanship, feeling, or association, due to alterations that greatly expanded the building's footprint between approximately 1920 and 1950 (Pierce County Assessor 2023; Tacoma Culture 2023). Known today as Tin Can Alley, the building is no longer associated with manufacturing but is an events space with storage. Historic photos, provided online by the present owner, indicate that the single-story building was once square in plan, included a slender entry door with transom, and included a central parapet on its single-story north elevation with signage for "Tacoma Can Company". When the second story was added, the parapet was partially retained but obscured by the addition (Tin Can Alley 2023). Additional alterations include window replacement, siding alterations, a new entry that includes a glazed door and sidelights on the east elevation, and a change in use.

Evaluation

The events center at 2620 E G Street is a greatly expanded building that was used by the Tacoma Can Company beginning in 1919. The Tacoma Can Company, founded by brothers Edward and Harold Hildebrandt, provided cans for use across Washington, including for "wholesale grocers, candy manufacturers, and other users of cans in the city" (Tacoma Daily Ledger 1921). In 1921, it was referred to as one of "the leading industries in Tacoma" (Tacoma Daily Ledger 1921). The company, founded on Pacific Avenue in 1914, began constructing its new building in 1919. The company grew, and in 1926, was acquired by the National Can Company of both Seattle and Tacoma, of which Edward Hildebrandt was president (Tacoma Daily Ledger 1926). By January 1928, the company was bankrupt and the property sold (Tacoma Daily Ledger 1928).

Based on its age and its ties to industrial use, the building appears to be associated with events that made a significant contribution to the broad patterns of local history in the area of manufacturing (Criterion A) (Beckner and Weaver 2021). While the building is associated with businessmen and brothers Edward and Harold Hildebrandt, background research did not reveal that they possessed documented significance in either a local, state, or national context (Criterion B). The building is now used by a private owner for events, and its original design has been obscured by additions and changes in use. Were its original parapet or storefront in place, the building would continue to express its significance. However, based on alterations and extensive additions, the building no longer possesses the distinctive characteristics of a particular type, period, or method of construction. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, the building was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Although the building has some associations under Criterion A, due to an irretrievable loss of integrity, Historical Research Associates, Inc., recommends 2620 E G Street not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the building at 2620 E G Street was constructed in 1950 (Pierce County Assessor 2023). This appears to be in error, however, as a building at this location, once addressed as 620 E 26th Street, was constructed ca. 1919 (Pierce County Assessor 2023; Tacoma Culture 2023; Tacoma Public Library 2023). Tacoma Culture refers to the building as the "American Can Company Building," and notes that the original 48 by 50 foot building was expanded to the north and south in the 1920s (Tacoma Culture 2023). Additionally, a partial second story was added at the northeast corner at an unknown date. The building sits on a poured-concrete foundation, is constructed of concrete, partially clad in vertical wood boards, and is topped by flat roofs of varying heights.

The building's primary north elevation includes a screened entry at the northeast corner under a fabric awning. The entry is flanked east and west by rows of metal-frame windows with operable lower sashes and concrete sills. A portion of the former parapet steps up to the second story with a row of three metal windows with a shared concrete sill and operable lower sashes. The building's east elevation includes pairs of metal-frame windows along the lower floor, as well as an additional pair plus a single of the same style on the upper floor. A secondary entry with concrete ramp, pipe rail, glazed metal door, and fabric awning is located off center. Near the southern end of the original building is a covered opening and a shallower window. South of the original building footprint is an addition, a warehouse with false front clad in vertical boards and including a garage bay, metal pedestrian door, and two paired windows. While the northern pair match those on the original building, the southern pair are two fixed lights in similarly sized openings. Farther south, the building includes a row of fixed and double-hung metal windows flanking a loading bay with overhead garage door next to a metal pedestrian door framed in partial vertical board siding.

Bibliography:

Beckner, Chrisanne, and Lindsey Weaver
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1997 How to Apply the National Register Criteria for Evaluation. Electronic document, https://www.nps.gov/nr/publications/bulletins/nrb15/nrb15_2.htm, accessed October 6, 2023.

Pierce County Assessor
2023 Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://pals.piercecountywa.gov/palsonline/#/AboutMyProperty, accessed January 27, 2023.

Tacoma Culture
2023 Historic Inventory Database: American Can Company Building. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/scripts/summary.asp?ID=(267)&map=(47.2390359404,%20-122.424774145)#null, accessed January 18, 2023.

Tacoma Daily Ledger
1921 Factory of Tacoma Can Company, October 31.
1926 An Introduction, August 15.
1928 Legal Notices, January 10.

Tacoma Public Library
2023 Tacoma-Pierce County Building Index: 2620 E G St. Electronic document, https://cdm17061.contentdm.oclc.org/digital/collection/p17061coll1/id/152915/rec/5, accessed January 18, 2023.

Tin Can Alley
2023 Tacoma's Premier Event Space. Electronic document, https://www.tincanalleytacoma.com/, accessed January 18, 2023.

Historic Property Report

Resource Name: Commercial Building

Property ID: 32814

Location

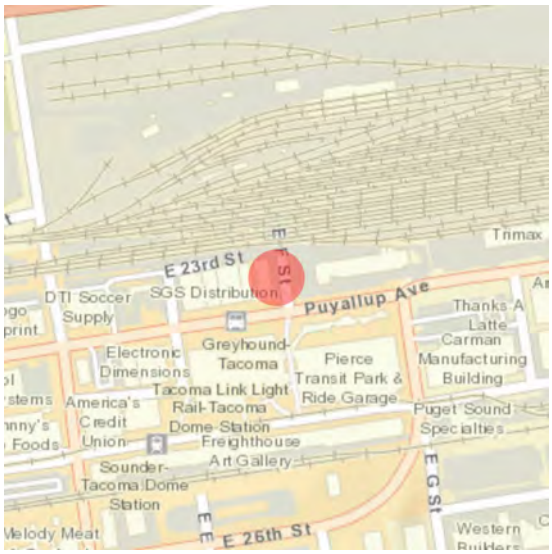

Address: 525 Puyallup Ave, Tacoma, WA 98421

Tax No/Parcel No: 2074230060

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1923	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Commerce
Transportation
Architecture

Architect/Engineer:

Category	Name or Company
Builder	C. Alvin Hanson

Historic Property Report

Resource Name: Commercial Building

Property ID: 32814

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma	7/21/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/21/2020	Survey/Inventory	

Photos

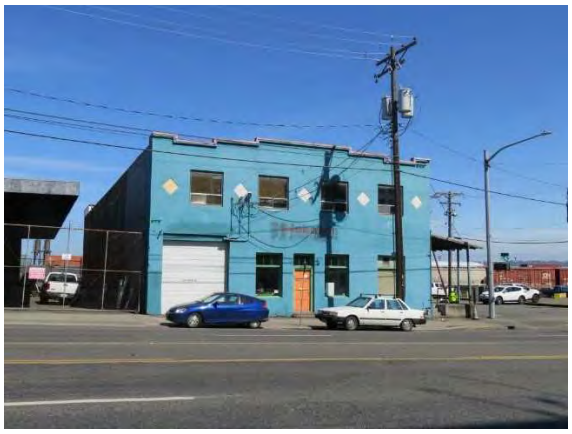

525 Puyallup Ave, view northeast

525 Puyallup Ave, view northwest

South elevation (view northeast)

Historic Property Report

Resource Name: Commercial Building

Property ID: 32814

Inventory Details - 7/21/2003

Common name:

Date recorded: 7/21/2003

Field Recorder: Gene Grulich

Field Site number: DST17

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Material	Asphalt/Composition - Rolled
Plan	Rectangle
Cladding	Stucco
Structural System	Masonry - Poured Concrete
Roof Type	Flat with Parapet

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: Built in 1923, this building was originally used by an auto freight company. Interurban Auto Freight and Pacific Motor Transport both occupied the building. Within a period of a few years at least seven auto freight companies had used the building. Puget Sound Mailing, Inc. moved into the building in the 1960s.

Physical description: A two story commercial building with a stepped parapet at the roofline. A shed roofed loading dock is located along the east elevation (East F Street). The façade has a pattern of original windows and entrance door and an added overhead roll-up door for vehicles and/or equipment. The windows are original wood fixed sash with divided transoms. The second floor windows are modern aluminum framed units in the original opening. Doors and windows are set into the wall opening without trim. The covered loading dock may have been an addition. A series of diamond pattern insets are placed between the second floor windows.

Bibliography: Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Resource Name: Commercial Building

Property ID: 32814

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Concrete
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - Two-Part Block
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1923), the commercial building at 525 Puyallup Avenue retains integrity of location and setting. Replacement windows and the addition of a garage bay on the facade, along with a change of use, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Eligibility

The commercial block at 525 Puyallup Avenue was constructed in 1923 for auto freight companies, Interurban Auto Freight and Pacific Motor Transport. Freight companies occupied the building for many years. Puget Sound Mailing Inc. was located here in the 1960s. Recently, it was used as a glass-blowing studio, although it appeared to be vacant at the time of survey (Tacoma Culture 2020). Based on its age and history of commercial use, the building does appear to have some association with events that made a significant contribution to the broad patterns of local history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an early twentieth century commercial building with both storefront and warehouse space. It is vernacular in style with an altered facade and does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 525 Puyallup Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two-story commercial building at 525 Puyallup Avenue was constructed in 1923 (Pierce County Assessor 2020). The building is rectangular in plan and faces south toward Puyallup Avenue. It sits on a poured-concrete foundation, is constructed of board-formed concrete, and is topped by a flat roof with stepped parapet. The building's primary facade features a central entry door with multi-light transom flanked east and west by original, wood-framed windows with divided lights in the upper sash. A garage bay is located to the west of the entry and an additional wood-framed window is located to the east. The building's second floor features equally spaced aluminum-framed replacement windows with operable sliders below fixed lights. Applied diamond ornaments are located between windows. The secondary east elevation includes a loading bay under a canopy with multiple garage bays topped on the second story by tall, aluminum-framed replacement windows. The secondary west elevation includes no fenestration. The rear (north) elevation faces railroad tracks.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma

Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Commercial Building

Property ID: 31224

Location

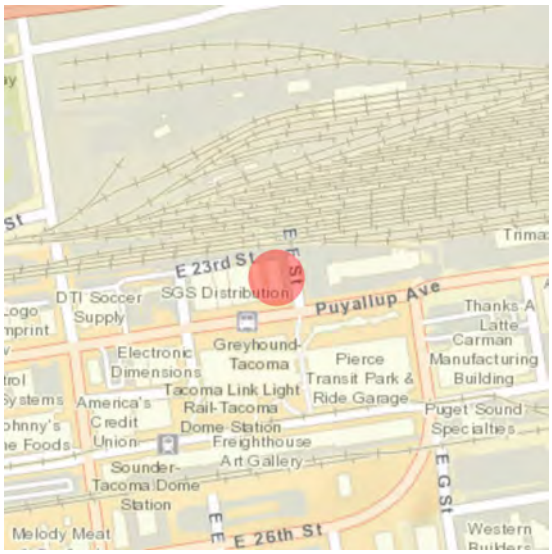

Address:	525 Puyallup Ave, Tacoma, WA
Tax No/Parcel No:	2074230060
Geographic Areas:	Tacoma Certified Local Government, T20R03E37, TACOMA SOUTH Quadrangle, Pierce County, T20R03E09

Information

Number of stories:

Construction Dates:

Construction Type	Year	Circa
Built Date	1923	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Commerce
Transportation
Architecture

Architect/Engineer:

Category	Name or Company
Builder	C. Alvin Hanson

Historic Property Report

Historic Name: Commercial Building

Property ID: 31224

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma		Not Determined	
2018-02-01251, , Tacoma Dome Link Extension		Determined Not Eligible	Maureen Elenga, 6/10/2024
2019-11-08716, , Pierce County_ Pacific Avenue SR 7 Bus Rapid Transit Project (DO NOT MODIFY! Merged from 2020-07-04824)		Determined Not Eligible	Holly Borth, 1/27/2021
2019-11-08716, , Pierce County_ Pacific Avenue SR 7 Bus Rapid Transit Project (DO NOT MODIFY! Merged from 2020-07-04824)		Determined Not Eligible	Holly Borth, 1/27/2021

Photos

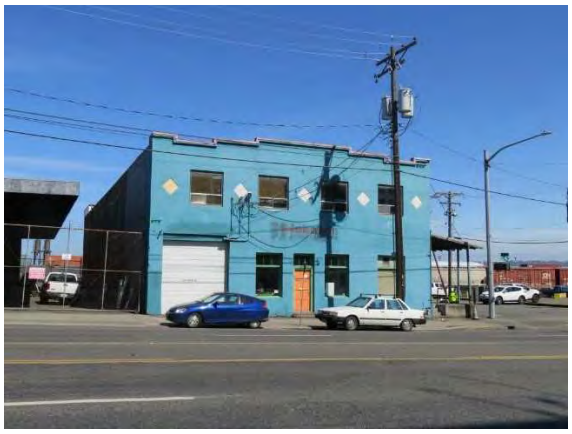

525 Puyallup Ave, view northeast

525 Puyallup Ave, view northwest

South elevation (view northeast)

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:	Puget Sound Mailings
Date recorded:	1/1/1900
Field Recorder:	
Field Site number:	
SHPO Determination	

Historic Property Report

Historic Name: Commercial Building

Property ID: 31224

Inventory Details - 7/21/2003

Common name:

Date recorded: 7/21/2003

Field Recorder: Gene Grulich

Field Site number: DST17

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Material	Asphalt/Composition - Rolled
Plan	Rectangle
Cladding	Stucco
Structural System	Masonry - Poured Concrete
Roof Type	Flat with Parapet

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: Built in 1923, this building was originally used by an auto freight company. Interurban Auto Freight and Pacific Motor Transport both occupied the building. Within a period of a few years at least seven auto freight companies had used the building. Puget Sound Mailing, Inc. moved into the building in the 1960s.

Physical description: A two story commercial building with a stepped parapet at the roofline. A shed roofed loading dock is located along the east elevation (East F Street). The façade has a pattern of original windows and entrance door and an added overhead roll-up door for vehicles and/or equipment. The windows are original wood fixed sash with divided transoms. The second floor windows are modern aluminum framed units in the original opening. Doors and windows are set into the wall opening without trim. The covered loading dock may have been an addition. A series of diamond pattern insets are placed between the second floor windows.

Bibliography: Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Historic Name: Commercial Building

Property ID: 31224

Inventory Details - 4/21/2020

Common name:

Date recorded: 4/21/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Concrete
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - Two-Part Block
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Significance narrative:

Integrity
From its period of construction (1923), the commercial building at 525 Puyallup Avenue retains integrity of location and setting. Replacement windows and the addition of a garage bay on the facade, along with a change of use, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Eligibility
The commercial block at 525 Puyallup Avenue was constructed in 1923 for auto freight companies, Interurban Auto Freight and Pacific Motor Transport. Freight companies occupied the building for many years. Puget Sound Mailing Inc. was located here in the 1960s. Recently, it was used as a glass-blowing studio, although it appeared to be vacant at the time of survey (Tacoma Culture 2020). Based on its age and history of commercial use, the building does appear to have some association with events that made a significant contribution to the broad patterns of local history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an early twentieth century commercial building with both storefront and warehouse space. It is vernacular in style with an altered facade and does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district) (Criterion C). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of integrity, Historical Research Associates recommends that the commercial building at 525 Puyallup Avenue is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two-story commercial building at 525 Puyallup Avenue was constructed in 1923 (Pierce County Assessor 2020). The building is rectangular in plan and faces south toward Puyallup Avenue. It sits on a poured-concrete foundation, is constructed of board-formed concrete, and is topped by a flat roof with stepped parapet. The building's primary facade features a central entry door with multi-light transom flanked east and west by original, wood-framed windows with divided lights in the upper sash. A garage bay is located to the west of the entry and an additional wood-framed window is located to the east. The building's second floor features equally spaced aluminum-framed replacement windows with operable sliders below fixed lights. Applied diamond ornaments are located between windows. The secondary east elevation includes a loading bay under a canopy with multiple garage bays topped on the second story by tall, aluminum-framed replacement windows. The secondary west elevation includes no fenestration. The rear (north) elevation faces railroad tracks.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Inventory Details - 1/27/2021

Common name:

Date recorded: 1/27/2021

Field Recorder: Holly Borth

Field Site number:

SHPO Determination

Historic Property Report

Resource Name: Commercial Building

Property ID: 721818

Location

Address: 601 E 26th St, Tacoma, Washington, 98421

Geographic Areas: Tacoma Certified Local Government, T20R03E37, TACOMA SOUTH Quadrangle, Pierce County

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1975	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 721818

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

601 E 25th Street, view northwest

601 E 25th Street, view northeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 721818

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Metal - Corrugated
Roof Type	Gable - Front
Roof Material	Metal - Standing Seam
Form Type	Utilitarian
Structural System	Metal - Steel

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (circa 1975), the commercial building at 601 E 26th Street retains integrity of location, setting, feeling, and association, although alterations including recladding and enclosed garage bays, have diminished its integrity of design, materials, workmanship.

Evaluation

The commercial building at 601 E 26th Street was constructed circa 1975. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a utilitarian warehouse building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 601 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

Based on historic aerial photographs, the commercial building at 601 E 26th Street was constructed circa 1975 (NETROnline 2020). The Pierce County Assessor cites the parcel's address as 601 E 25th Street and states that there are no buildings located on the parcel (Pierce County Assessor 2020). The single-story, rectangular building faces south toward E 26th Street. The building sits on a poured-concrete foundation, is clad in corrugated metal, and is topped by a front-gabled, standing-seam metal roof. The south facade features the main entrance, two garage bays, and a single metal-framed window. The garage bays on the north and east elevations have been enclosed, and there is a secondary entrance on the east elevation. The east, west, and north elevations have no other visible windows.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721819

Location

Address:	2601 E F St, Tacoma, Washington, 98421
Tax No/Parcel No:	2076260011
Geographic Areas:	T20R03E37, Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721819

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721819

Photos

2601 East F Street, view southeast

2601 East F Street, view southeast

2601 East F Street, view south

2601 East F Street, view east

Historic Property Report

Resource Name: Commercial Warehouse

Property ID: 721819

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Cladding	Concrete - Block (cmu)
Cladding	Stucco
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Utilitarian
Form Type	Commercial - One-Part Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the warehouse and office building at 2601 East F Street retain integrity of location, setting, feeling, and association, although alterations including recladding and replaced windows have diminished its integrity of design, materials, workmanship.

Evaluation

The warehouse and office building at 2601 East F Street were constructed in 1969 and currently house Tacoma Propeller. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a utilitarian warehouse building with an attached office block of concrete and glass. It is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the warehouse building at 2601 East F Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the warehouse building at 2601 East F Street was constructed in 1969 and consists of two buildings, an office and a functionally related warehouse (Pierce County Assessor 2020). East F Street gradually elevates as it heads south from E 26th Street, so the two-story office building appears to be at street level (Figure 315). The office building sits on a poured-concrete foundation, is constructed of concrete block partially clad in stucco, and is topped by a flat, built-up roof. The facade of the office is noted by a double door entry under a canvas awning. The facade is two stories of metal-framed windows flanked by wide stucco pilasters. On the secondary west elevation is a secondary entrance at street level that is enclosed by a metal security gate. The office is attached to the warehouse by a small breezeway on its east elevation. The warehouse consists of two portions, a single-story concrete block mass to the south, and a metal-clad, two-story portion at the northeast corner. The warehouse sits on a poured-concrete foundation, is constructed of concrete block partially clad in metal, and is topped by a flat, built-up roof on the south portion and a metal gabled roof on the northeast portion. Visible windows are aluminum framed and some are in altered fenestration.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

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Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

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Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

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Historic Property Report

Resource Name: Stevens and Vetter Garage

Property ID: 32847

Location

Address: 505 Puyallup Ave, Tacoma, WA 98421

Tax No/Parcel No: 2074230010

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1931	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce
Transportation
Architecture

Architect/Engineer:

Category	Name or Company
Builder	MacDonald Building Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma	7/21/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Stevens and Vetter Garage

Property ID: 32847

Photos

505 Puyallup Ave, view northeast

505 Puyallup Ave, view southeast

505 Puyallup Ave, view east

505 Puyallup Ave, Tacoma Public Library, 1928

West and south elevations (view northeast)

Historic Property Report

Resource Name: Stevens and Vetter Garage Property ID: 32847

Inventory Details - 7/21/2003

Common name:

Date recorded: 7/21/2003

Field Recorder: Gene Grulich

Field Site number: DST14

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Structural System	Masonry - Poured Concrete
Roof Type	Flat with Parapet
Form Type	Commercial
Roof Material	Asphalt/Composition - Rolled
Plan	Rectangle
Cladding	Stucco

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: This site was originally the location of Joe Zehnder's First and Last Chance saloon (1903). Prior to the construction of this building the older building was also used as an auto freight depot (1924). The existing building was constructed for the Stevens and Vetter Garage along with the Fageol Motor Sales. In its first years commercial spaces were also shared with I.W. Davy's vulcanizing company.

Physical description: A one story retail building constructed with stucco clad concrete walls and a flat roof. A stepped parapet in the street facades give it a distinctive character. The doors and windows on the Puyallup Avenue elevation have been replaced with aluminum while the other windows and doors remain wooden. The name of the building is inscribed on the open arched semi-circular parapet cap at the street intersection angled corner. The coping projects beyond the plane of the wall. The building has a basement accessible at the rear of the building. There are no significant site features.

Bibliography: Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Resource Name: Stevens and Vetter Garage

Property ID: 32847

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Stucco
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Commercial - One-Part Block
Structural System	Masonry - Poured Concrete

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1931), the commercial building at 505 Puyallup Avenue retains integrity of location, setting, and feeling, although alterations including window replacement and a change of use have diminished its integrity of design, materials, workmanship, and association.

Evaluation

The commercial building at 505 Puyallup Avenue was completed in 1931 for Stevens and Vetter's as an auto garage and showroom. It appears to have been constructed as early as 1926 and then enlarged in 1931 (TPCBI 2020). The building was associated with the growth of the automotive industry in the early twentieth century and remained part of the early commercial fabric of the area (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial building with some distinctive character-defining features including its chamfered entry, large display windows, and decorative parapet still engraved with the name of the original owner (Criterion C). It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates recommends that the building at 505 Puyallup Avenue is significant under National Register of Historic Places (NRHP) Criteria A and C but that it does not retain sufficient integrity to convey its significance and is not eligible for listing in the NRHP under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 505 Puyallup Avenue was constructed in 1931 atop a daylight basement (Pierce County Assessor 2020). The one-story, rectangular building faces south toward East E Street. The building sits on a poured-concrete foundation, is clad in stucco, and is topped by a flat, built-up roof with a parapet. The primary entrance at the chamfered southwest corner of the building is noted by a projecting arch above the roofline with the inscribed words "Stevens & Vetters, Inc." Additional signage on the parapet reads "Hamilton's Antique Auction Gallery." An additional entry is located on the south elevation. The primary south and west elevations' storefront windows have been replaced in altered fenestration. Secondary elevations retain their wood windows. Loading bays on the west facade and daylight basement of the north elevation provide warehouse access. The building is presently vacant.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

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Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial warehouse

Property ID: 721058

Location

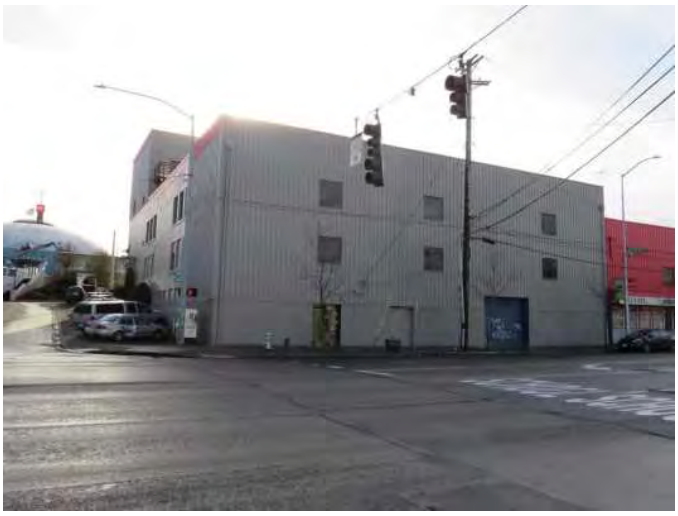

Address: 424 Puyallup Ave, Tacoma, Washington, 98421

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, Tacoma Certified Local Government, T20R03E37

Information

Number of stories: 3.00

Construction Dates:

Construction Type	Year	Circa
	1917	☑
Built Date	1917	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial warehouse

Property ID: 721058

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Photos

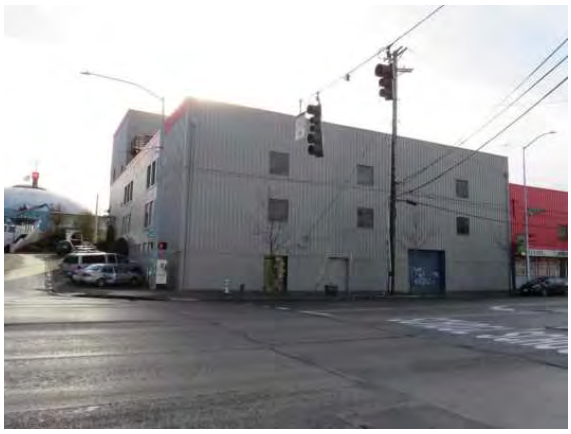

424 Puyallup Avenue, view south.jpg

424 Puyallup Avenue, view southwest.jpg

Historic Property Report

Resource Name: Commercial warehouse

Property ID: 721058

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Form Type	Utilitarian
Roof Type	Flat with Parapet
Cladding	Metal
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Poured Concrete

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1917), the building at 424 Puyallup Avenue retains integrity of location and setting, although additions and alterations, including historic-period additions, re-siding, and a change of use, have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The warehouse at 424 Puyallup Avenue was built in 1917. It was first used by the Coast Trading Company, with later tenants including the state welfare department, Albers Milling Company—which used the building for grain storage—and then a series of moving and storage companies. When surveyed, the building appeared to be vacant. Based on its age and association with early commercial activity in Tacoma, the building does have some historic-period associations with events that made a significant contribution to the broad patterns of local history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building now resembles a utilitarian warehouse, a common type, and retains no distinctive characteristics from the historic period as a history of alterations has either removed or covered historic-period fabric (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on modest significance and lack of integrity, Historical Research Associates, Inc. recommends that the commercial warehouse at 424 Puyallup Avenue is not eligible for listing in the National Register of Historic Places (NRHP) under any criteria.

Physical description:

According to the Pierce County Assessor and the Tacoma Historic Property Inventory, the building at 424 Puyallup Avenue was constructed in 1917 (Pierce County Assessor 2020; Tacoma Culture 2020). The rectangular, three-story building faces north toward Puyallup Avenue. It sits on a poured-concrete foundation, is of masonry construction, is partially clad in ribbed-metal panels, and is topped by a flat roof with parapet. A rooftop addition with roof access has been added at the building's southeast corner. The building's facade includes two pedestrian entries, including one glass door with sidelight and one garage door. The second and third stories include three fixed-light windows per floor. The building's secondary east elevation retains its board-formed concrete finish and includes a secondary entry under a projecting awning, paired with a garage entrance and a concrete loading bay. Groups of windows on the first and second floors have been covered over. On the third floor, multi-light windows remain. On the rooftop addition, the majority of the windows have been covered over.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055, accessed May 28,

2020.

Historic Property Report

Resource Name: Sluggo Brewing Tap and Kitchen

Property ID: 721090

Location

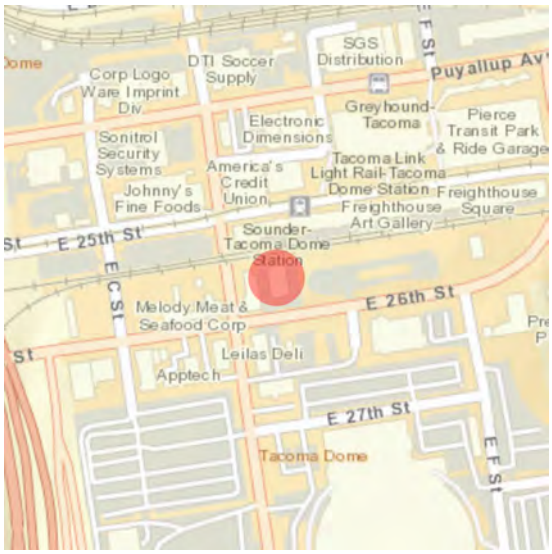

Address: 409 E 26th St, Tacoma, Washington, 98421

Geographic Areas: Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle, T20R03E37

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1969	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

409 E 26th Street, view north.jpg

409 E 26th Street, view northeast.jpg

Historic Property Report

Resource Name: Sluggo Brewing Tap and Kitchen Property ID: 721090

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Cladding	Concrete - Block (cmu)
Form Type	Utilitarian
Roof Type	Flat with Eaves
Plan	Rectangle
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1969), the restaurant at 409 E 26th Street retains integrity of location and setting, although alterations, renovations, and a change of use have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The restaurant at 409 E 26th Street was constructed in 1969 for Industrial Parts and Frictions, according to the Tacoma-Pierce County Building Index (Tacoma Public Library 2020). It is now known as Sluggo Brewing Tap and Kitchen, a new collaboration between a brewer and Ammar's Mediterranean Grill, which was founded in 1989. The building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is utilitarian in character, featuring few details from the historic period apart from its warehouse plan (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates, Inc. recommends that the building at 409 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 409 E 26th Street was constructed in 1969 (Pierce County Assessor 2020). The one-part block faces south toward E 26th Street. The square building sits on a concrete-block foundation, is constructed of concrete block partially clad with brick veneer, and is topped by a flat roof with a deep metal awning supported by simple posts. The awning, located on the building's facade, shelters an outside seating area defined by wood planter boxes. The building's facade includes a central entry door with a surround of stone veneer, flanked east and west by large display windows with added shutters. The building's west elevation includes a sheltered drive-up window under a metal projecting eave. The building's east elevation is bare concrete with secondary pedestrian entries.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Harry Cheal Druggist Building

Property ID: 32821

Location

Address: 401 E 25th St, Tacoma, WA 98421

Tax No/Parcel No: 2075210010

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1947	☑
Addition	1960	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Harry Cheal Druggist Building Property ID: 32821

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma	7/21/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

401 E 25th Street, view south.jpg

401 E 25th Street, view northeast.jpg

401 E 25th Street, view east.jpg

South and west elevations (view northeast)

Historic Property Report

Resource Name: Harry Cheal Druggist Building Property ID: 32821

Inventory Details - 7/21/2003

Common name:

Date recorded: 7/21/2003

Field Recorder: Gene Grulich

Field Site number: DST24

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Cladding	Brick
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition
Foundation	Concrete - Poured
Form Type	Commercial

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: There are no available records providing the history of this building. Prior to its construction, however, there is a 1890 reference to the site as the location of the Harry Cheal Drug Store.

Physical description: A two story brick veneer commercial building with a flat roof. The building has a stepped parapet on the south elevation above a row of six vehicle access bays. The corner entrance has a single wood door in a wood frame with glass block sidelights on each side. The original windows were steel framed sash units of which some remain. The larger windows were steel cantor pivot type in which the middle half (four lights) pivoted and the head and sill portions (two lights each) remained fixed. These windows were set within the brick masonry opening without trim. At the lower level the windows are one half the size with the upper half fixed and the lower parts operable.

Bibliography: Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Resource Name: Harry Cheal Druggist Building Property ID: 32821

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial - One-Part Block
Foundation	Concrete - Poured
Cladding	Brick
Roof Type	Flat with Parapet
Plan	Rectangle
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Poured Concrete

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1947), the commercial building at 401 E 25th Street retains integrity of location and setting, although extensive remodeling has diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The one-part commercial block at 401 E 25th Street was constructed in 1947 for General Beer Distributing Company. In 1950, the Sanborn Fire Insurance maps continued to identify the building as a beer wholesaler (Sanborn 1950; Tacoma Public Library 2020). Today, the building has been renovated for a salon and bank tenants. Based on a review of historic maps and local histories, it is not known to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a warehouse for wholesale distribution but retains little character from its period of construction, apart from its massing (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the one-part commercial block at 401 E 25th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the one-part commercial block at 401 E 25th Street was constructed in 1947 (Pierce County Assessor 2020). The building is one floor above a daylight basement. It faces south toward E 25th Street and west toward E D Street. The building sits on a poured-concrete foundation and is clad in running bond, multi-colored brick veneer, with board-formed concrete on the rear elevation. It is topped by a flat roof with parapet. The building's facade includes a central bay of metal-framed doors and windows topped by a curved, projecting, metal awning and signage, flanked east and west by three additional bays of metal-framed windows and doors under shed- and flat-roofed, metal awnings. Above the facade, the parapet is stepped and includes decorative metal flashing. The building's secondary east elevation is clad in ribbed-metal panels. The building's secondary west elevation includes a chamfered corner entry. It is brick clad and includes metal-framed window systems on both the main floor and daylight basement. The building's rear elevation includes garage bays, multi-light metal-framed windows on the main floor, and a small, corner penthouse clad in ribbed metal with north-facing windows that the assessor dates to 1960.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

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Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Residence

Property ID: 536744

Location

Address:	401 E 26TH St, TACOMA, WA 98421
Tax No/Parcel No:	2076210010
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.50

Construction Dates:

Construction Type	Year	Circa
Remodel	1990	☑
Built Date	1890	☑

Historic Use:

Category	Subcategory
Domestic	Domestic - Multiple Family House
Industry/Processing/Extraction	
Domestic	Domestic - Multiple Family House
Industry/Processing/Extraction	

Historic Property Report

Resource Name: Residence

Property ID: 536744

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company
Architect	Heide, August F.
Engineer	Unknown

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2012-09-00127, , Point Defiance Bypass	12/19/2011	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Photos

401 E 26th Street, view northwest.jpg

401 26th Street, Google Earth, 2020.jpg

401 E 26th Street, view northeast.jpg

401 E 26th Street Tacoma, View WNW

Historic Property Report

Resource Name: Residence

Property ID: 536744

Inventory Details - 8/8/2011

Common name:	Commercial Building
Date recorded:	8/8/2011
Field Recorder:	Artifacts Consulting, Inc.
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "1A" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3868

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Model Pickle & Vinegar Works
-site includes 401-07 E. 26th St.
TDL 2/8/1920 p.B5 Plant kept busy making pickles

Puyallup Valley Co-operative Hatchery
TDL 10/10/1935 p.3 Big hatchery established
TDL 1/4/1936 p.10 Invite Tacomans to see hatchery

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

John Rave Bldg.
A. Heide, arch.
TDL 1/1/1890 p.11 permits

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 401 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1918 and is a manufacturing facility. Also according to the county assessor, the structure was remodeled in 1990. The 2-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Residence

Property ID: 536744

Inventory Details - 12/19/2011

Common name:	Commercial Building
Date recorded:	12/19/2011
Field Recorder:	Scott Thompson and Sarah Van Galder
Field Site number:	
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Flat with Parapet
Cladding	Wood - Clapboard
Cladding	Concrete - Block (cmu)
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Roof Type	Gable
Form Type	Multiple Dwelling - Triplex
Roof Material	Asphalt/Composition - Shingle
Cladding	Stone
Form Type	Commercial
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places:	No
Property is located in a potential historic district (National and/or local):	No
Property potentially contributes to a historic district (National and/or local):	No

Significance narrative: The building was constructed in 1918 as a multi-family residence (triplex). The building was remodeled in 1990 according the Pierce County Assessor's office online database and the original HPI record documented in 2011 the Assessors Data Project: Tacoma D (Artifacts Consulting, Inc. 2011). Likely, this is when the cinder block warehouse was added to the north side of the building. The extent of any interior changes to the triplex in 1990 is unknown. However, the building currently is used for manufacturing suggesting that the interior of that portion of the building has been moderately to extensively remodeled. We recommend the building is not eligible for listing in the NRHP for the following reasons. In addition to the 1990 remodel and cinderblock warehouse addition, the building is not an example of an innovative construction technique or the work of a master architect (Criterion c). Research does not indicate that the building was associated with any historically important events or people at the national, state, or local levels (Criteria a and b). It is not likely to yield important primary information that can contribute to the general understanding of the historic commercial, manufacturing or residential areas of Tacoma in the early to mid twentieth century (Criterion d).

Physical description: The building at 401 E 26th Street was constructed in 1918 and is of 2-story construction with wood and stone veneer and a poured concrete foundation. The currently attached warehouse to the north is a concrete block building with a flat roof. The building was remodeled in 1990 according to the Pierce County Assessor's online database. Likely the recent remodel included the addition of the cinder block warehouse to the north portion of the building and interior modifications when the multi-family residence was converted into space for manufacturing.

Bibliography:

2011 401 E 26th Street Tacoma, Historic Property Inventory Report. Washington Information System for Architectural and Archaeological Records Data. Department of Archaeology and Historic Preservation, Olympia, Washington. Available online, https://fortress.wa.gov/dahp/wisaard, accessed March 2012.

Historic Property Report

Resource Name: Residence

Property ID: 536744

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Multiple Dwelling
Roof Type	Gable - Front
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood - Clapboard
Cladding	Stone
Plan	Rectangle
Cladding	Wood - T 1-11
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (ca. 1890), the building at 401 E 26th Street retains integrity of location and setting, although a change of use, a rear addition, and extensive alterations on the facade, including re-cladding and alterations to windows and fenestration patterns, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The mixed-use building at 401 E 26th Street was constructed ca. 1890 but retains little character from its period of construction. It is not clear how the building was used originally, although a previous inventory suggests it was used in the manufacture of pickles in the 1920s and as a hatchery by the 1930s. By 1950, it appears on Sanborn maps as a “chick hatchery” (Sanborn 1950). The Pierce County Assessor lists the date of construction as 1918, although this date is called into question by the building’s outline appearing on the 1912 Sanborn Fire Insurance Map (Pierce County Assessor 2020; Sanborn 1912). By 1912, the building was identified as two separate units within the same building, both with space at grade and above, suggesting there may have been shops or offices below and living space above for two separate businesses. A listing in the Tacoma-Pierce County Building Index identifies a building at this approximate location as the John Rave building, designed by architect A. Heide in 1890. The discrepancies in date of construction either suggest that this building dates to 1890, or that it replaced an 1890 building ca.1918. Extensive alterations have obscured the building's original character.

Today, the building is identified by the assessor as a mix of light industrial to the north (rear) and multifamily residential to the south. Based on its age and history of commercial use, the building does appear to be associated events that made a significant contribution to the broad patterns of local history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered vernacular building with few distinctive characteristics from the historic period, apart from its massing (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to an irretrievable loss of integrity, Historical Research Associates, Inc. recommends that the mixed-use building at 401 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description: According to the Pierce County Assessor, the two-and-a-half-story, mixed-use building at 401 E 26th Street was constructed in 1918 (Pierce County Assessor 2020), although this date may be in error, and the building may date to as early as 1890 (TPL 2020). The building is rectangular in plan and faces south toward E 26th Street. The building, which is residential in form, sits on a poured-concrete foundation; is clad in a combination of veneers, including shingles, lapped boards, and a veneer of stone on the southwest corner; and is topped by a front-gabled, asphalt roof. The building's first floor facade is divided into three bays: a stone-clad bay to the west with tall ribbons of metal windows, either fixed or casement, wrapping the corner; a central, recessed entry with stone bulkheads flanking three pedestrian doors; and a garage bay to the east. The building's second floor features two aluminum-framed sliding windows in its central bay, and two recessed balconies east and west with aluminum-framed sliding windows and sliding doors. The walls facing the balconies are clad in T1-11. The projecting upper gable includes a single central window. Secondary elevations include aluminum-framed sliding windows. The building was enlarged in 1990 by the addition of a concrete-block unit at the north (rear) end of the building (Pierce County Assessor 2020).

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Inland Technologies

Property ID: 536681

Location

Address:	401 E 27TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2077210010
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1967	☑

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	
Industry/Processing/Extraction	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Inland Technologies

Property ID: 536681

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/4/2020	Survey/Inventory	

Photos

401 E 27th Street, view northeast.jpg

401 E 27th Street, view north.jpg

Historic Property Report

Resource Name: Inland Technologies

Property ID: 536681

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2077210010

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Form Type	Commercial

Surveyor Opinion

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 401 E 27th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1967 and is a professional building. Also according to the county assessor, the structure was remodeled in 1999. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography:

Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Inland Technologies

Property ID: 536681

Inventory Details - 2/4/2020

Common name:

Date recorded: 2/4/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial - One-Part Block
Foundation	Concrete - Block
Roof Type	Flat with Parapet
Cladding	Stucco
Cladding	Brick
Plan	Rectangle
Structural System	Wood - Platform Frame
Roof Material	Asphalt/Composition - Built Up

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1967), the building at 401 E 27th Street retains integrity of location, setting, design, materials, and workmanship. A change of use has diminished the building's integrity of feeling and association.

Evaluation

The building at 401 E 27th Street was constructed in 1967. Although its original use is unknown, the building has been associated with Inland Technologies, a chemical lab designing "environmentally solvent alternatives" for clients including Boeing, Weyerhaeuser, and others since 1988 (Inland Technologies 2020). Research, including a review of historic maps and local histories, did not reveal that the building held any historic-period associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is a Modern commercial block with few distinguishing features apart from its consistent facade treatment (Criterion C). It is not known to embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the building at 401 E 27th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the building at 401 E 27th Street was constructed in 1967 and was home to Moore Business Forms, Inc. (Pierce County Assessor 2020; Tacoma Public Library 2020). The single-story office building faces south toward a parking lot and E 27th Street. The one-part commercial block includes a daylight basement visible along the north elevation. The building sits on a poured-concrete foundation, is clad in a combination of stucco and brick veneers, and is topped by a flat roof with parapet. The building's facade includes an off-center projecting awning with flat roof supported by square posts over the primary entry. The entry consists of paired metal doors. East and west of the entry, the walls are divided by brick pilasters into equal bays, each of which includes a skirt of brick veneer and a large metal window atop metal sliding windows. A concrete sidewalk along the facade shelters under a deep eave. The building's secondary west elevation includes the same wall treatment on the main floor over a recessed daylight basement with secondary entry doors. The building's north elevation is clad in wood sheet and includes a combination of metal-framed window types and additional secondary entries. The building's east elevation is not visible behind a screen of trees.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma.

Arcadia Publishing, Charleston, South Carolina.

Inland Technologies, Inc. 2020 Our Products. Electronic document, https://inlandtech.com/our-products, accessed January 29, 2020.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

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Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1,

accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 32820

Location

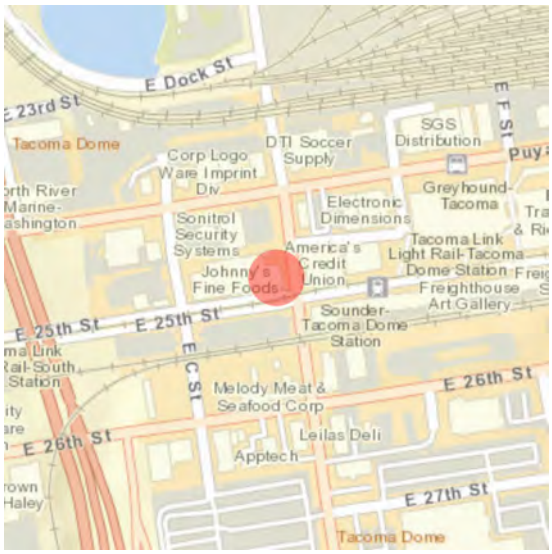

Address: 323 E 25th St, Tacoma, WA 98421

Tax No/Parcel No: 2075190070

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1941	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Commerce
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 32820

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma	7/21/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

323 E 25th Street, view north

323 E 25th Street, view southwest

South or east elevations (view northwest)

Historic Property Report

Resource Name: Commercial Building

Property ID: 32820

Inventory Details - 7/21/2003

Common name:	Café Tacoma
Date recorded:	7/21/2003
Field Recorder:	Gene Grulich
Field Site number:	DST23
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Roof Material	Asphalt/Composition - Rolled
Plan	Rectangle
Form Type	Commercial
Foundation	Concrete - Poured
Cladding	Brick
Roof Type	Flat with Eaves

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: Available records do not provide the history of this building. Prior to its construction, however, it was the site of the Home Market that opened in the 1880s. It was operated by A.B. Muriand and his brother-in-law, Arthur Gunderson. According to a 1934 Tacoma News Tribune Article, "Shortly before the Milwaukee railroad came in and took over the district a runaway team came down East D street, crashed into the store and dumped a number of cases of eggs all over the place."

Physical description: A one story commercial building with a brick veneer. The main entrance is noted by an overhead metal canopy and stucco clad support piers. The door is set into a wood frame with fixed sidelights. The windows are wood framed with an obscure transom panel along with central display windows containing sidelights and fixed glazing. The East 25th Street façade has a projecting pilaster dividing the two businesses, one a café and the other a plumbing store. East has a canopy over the entrance. The plain brick walls terminate in a simple sheet metal coping.

Bibliography: Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Resource Name: Commercial Building

Property ID: 32820

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Brick - Stretcher Bond
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Plan	Rectangle
Form Type	Commercial - One-Part Block
Structural System	Masonry - Brick

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1941), the commercial building at 323 E 25th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 323 E 25th Street was constructed in 1941. Research did not reveal its original use, but the building served the Salvation Army in the 1960s (TPCBI 2020). Although part of the city's commercial fabric, the building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest commercial building with few distinct characteristics from the historic period, apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 323 E 25th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-story commercial building at 323 E 25th Street was constructed in 1941 atop a daylight basement (Pierce County Assessor 2020). The rectangular building faces south toward E 25th Street. The one-part commercial block sits on a poured-concrete foundation, is clad in stretcher bond brick, and is topped by a flat, built-up roof with a parapet. The south facade features two recessed commercial entrances under canvas awnings. The commercial storefronts have been replaced. The metal-frame windows are replacements and in altered fenestration. There is a recessed loading bay in the east elevation.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

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Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 721826

Location

Address:	315 E 26th St, Tacoma, Washington, 98421
Tax No/Parcel No:	2076190040
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E37, Tacoma Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1966	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

315 E 26th Street, view north

315 E 26th Street, view south

Historic Property Report

Resource Name: Commercial Building

Property ID: 721826

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Cladding	Wood - T 1-11
Plan	Rectangle
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1966), the commercial building at 315 E 26th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 315 E 26th Street was constructed in 1966. It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest commercial building with few distinct characteristics from the historic period, apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 315 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the single-story commercial building at 315 E 26th Street was constructed in 1966 above a daylight basement (Pierce County Assessor 2020). The rectangular one-part block building faces south toward E 26th Street. Due to the elevated roadway to the south, the basement is not visible from the street; however, it is accessible from the parking lot north of the building. The building sits on a poured-concrete foundation, is clad in T1-11, and is topped by a flat, built-up roof with an eave on the south facade clad with wood shakes. The south facade is characterized by a recessed main entrance. An exterior staircase on the north elevation leads to the secondary entrance. A large storage structure is attached at the northwest corner. It sits on a concrete block foundation, is clad in plywood, and is topped by a flat, built-up roof. The windows are aluminum framed and likely in altered fenestration.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

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Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536735

Location

Address:	324 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076200070
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1892	☐
Built Date	1918	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Photos

324 E 26th Street, view southwest.jpg

324 E 26th Street, view southeast_2.jpg

324 E 26th Street, view southeast.jpg

Historic Property Report

Resource Name: Commercial Building

Property ID: 536735

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076200070

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "1C" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3867

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

bldg.
-brick
C.A. Darmer, arch.
TDL 3/13/1892 p.3 permits

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 324 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1892 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1992. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536735

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Roof Type	Flat with Parapet
Cladding	Brick
Cladding	Wood - T 1-11
Plan	Rectangle
Form Type	Commercial - One-Part Block
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Brick

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1918), the one-part commercial block at 324 E 26th Street retains integrity of location and setting, although alterations and additions have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The one-part commercial block at 324 E 26th Street was constructed in 1918 and, based on variations in materials, appears likely to have replaced or reused sections of a previous building constructed in 1892 (Tacoma Public Library 2020). Its modest plan and massing suggests that it may have been used as a warehouse. The 1950 Sanborn map identifies the building as a "creamery" with an office in the northeast corner (Sanborn 1950). Utilitarian in character, the building does not appear, based on a review of historic maps and local histories, to hold strong associations with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a utilitarian commercial warehouse, a common type, and retains few distinctive characteristics from the historic period, apart from the early brick walls that remain on secondary elevations. Original materials, including windows and siding, have been lost (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the commercial warehouse at 324 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the one-part commercial block at 324 E 26th Street was constructed in 1918 (Pierce County Assessor 2020). The rectangular building faces north toward E 26th Street, sits on a poured-concrete foundation, is constructed with a brick facade (Flemish bond) enclosing infilled windows, and is topped by a flat roof with parapet. The building's facade includes a recessed corner entry on the northeast corner with a single brick post and paired swinging aluminum doors. The building's north and east elevations include large sheets of T1-11 that either covered or replaced earlier display windows. The building's west and south elevations retain arched brick openings, all filled, with projecting sills. The brick is older, in common bond, and suggests that the building's north and east elevations have been re-clad in brick veneer or reconstructed.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document,

http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-1950 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Manufacturing

Property ID: 536788

Location

Address:	305 E 25TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2075190020
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 12 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Remodel	1970	☑
Built Date	1965	☑

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Manufacturing

Property ID: 536788

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

305 E 25th Street, view northwest

305 E 25th Street, view northwest

305 E 25th Street, view southeast

Historic Property Report

Resource Name: Manufacturing

Property ID: 536788

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2075190020

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Masonry - Brick
Form Type	Utilitarian

Surveyor Opinion

Significance narrative:

Modeled as a category "2A" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3657

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

machine shop
N.T. Riley, builder
TNT 5/8/1946 p.5 permits

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 305 E 25th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1946 and is a manufacturing facility. Also according to the county assessor, the structure was remodeled in 1970. The 2-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Manufacturing

Property ID: 536788

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	Rectangle
Structural System	Masonry - Concrete Block
Cladding	Concrete - Block (cmu)
Cladding	Vinyl Siding
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Roof Type	Gable
Form Type	Commercial - One-Part Block

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1965), the commercial building at 305–319 E 25th Street retains integrity of location. Alterations and additions, replaced windows, and altered fenestration, have diminished its integrity of setting, design, materials, workmanship, feeling, and association.

Evaluation

The manufacturing complex at 305–319 E 25th Street was constructed in 1965. It is currently owned by the makers of Johnny's Seasoning Salt, which was established in 1956 by John Meaker. Meaker also opened Johnny's Dock in Tacoma and several other restaurants in Tacoma and Seattle (Johnny's Fine Foods 2020). It is unknown if Johnny's Fine Foods constructed the manufacturing complex in 1965, but it is likely that the company conducted the major 1970s renovations. The manufacturing plant is significant on the local level for its association with Johnny's Fine Foods, a significant commercial operation (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a utilitarian manufacturing complex with few distinct characteristics from the historic-period due to major alterations (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Although the complex at 305–319 E 25th Street is significant under Criterion A, the manufacturing complex does not retain sufficient integrity to convey its significance and is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the manufacturing complex at 305–319 E 25th Street was constructed in 1965 and spans five parcels (Pierce County Assessor 2020). Based on historic aerial photographs, the complex was originally constructed as three buildings, and in the 1970s, they were combined under one roof (NETROnline 2020). Additionally, there is a circa 2008 addition on the north facade that serves as a loading area. The two-story, rectangular building faces south toward E 25th Street, sits on a poured-concrete foundation, and is constructed of bare concrete block partially clad in vinyl. Most of the roof is flat and made of built-up materials. However, a small portion of the roof, centrally located on the south facade. is front-gabled. A parapet on the south facade hides the gable and flat roofs behind it. The south elevation features three commercial entrances and three garage bays in altered fenestration. The southeast corner of the south facade features ribbon windows. The aluminum framed windows are replacements and are in altered fenestration.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Johnny's Fine Foods

2020 “The History of Johnny’s.” Electronic documents, https://johnnysfinefoods.com/about, accessed April 6, 2020.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536739

Location

Address:	314 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076200041
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : LOTS
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1954	☑
Addition	1980	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 536739

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 536739

Photos

314 E 26th Street, view south

314 E 26th Street, view southeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 536739

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076200041

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "1D" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following newspaper citations and background was collected by Tacoma Public Library librarians about previous demolitions on the tax lot:

MacDonald & Todd Dry Goods
J.H. MacDonald & Wilbur R. Todd, proprietors
-"pioneer merchants of East Tacoma"
-bldg. also occupied by the Oddfellows Hall (East Tacoma Lodge, I.O.O.F.)
TDL 4/27/1902 (remodeling)
TNT 7/16/1961 p.C14 Out of Tacoma's past (il)
979.72 H91 Vol.III p.289

Liberty Manufacturing Co.
TDL 11/23/1919 p.A9 Garment factory in new location

TNT 5/16/1945 p.1 Condemn 11 buildings

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 314 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1954 and is a warehouse. Also according to the county assessor, the structure was remodeled in 1990. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536739

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Plan	L-Shape
Cladding	Vinyl Siding
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1954), the commercial building at 314 E 26th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 314 E 26th Street was constructed in 1954 and currently houses Celebrity Cake Studio. It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest commercial building with few distinctive characteristics from the historic period apart from its massing (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 314 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 314 E 26th Street was constructed in 1954 (Pierce County Assessor 2020). Based on historic aerial photographs, the southeast portion of the building was constructed in the 1980s (NETROnline 2020). The single-story, L-shaped building faces north toward E 26th Street. It sits on a poured-concrete foundation, is clad in vinyl siding, includes a wood-framed storefront entrance, and is topped by a flat, built-up roof. The north facade is characterized by the storefront outlined in wood with vinyl-framed windows and a double door entrance under a canvas awning. The storefront was likely altered when the current business moved into the building in 2011.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 32819

Location

Address: 301 E 25th St, Tacoma, WA 98421

Tax No/Parcel No: 2075190010

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1904	☑
Remodel	1930	☑

Historic Use:

Category	Subcategory
Social	Social - Meeting Hall
Social	Social - Meeting Hall

Historic Context:

Category
Industry/Manufacturing
Social History
Architecture

Historic Property Report

Resource Name: Commercial Building

Property ID: 32819

Architect/Engineer:

Category	Name or Company
Builder	Knoell Brothers
Architect	Proctor & Farrell

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2004-07-00015, , D Street Tacoma	7/21/2003	Not Determined	
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Commercial Building

Property ID: 32819

Photos

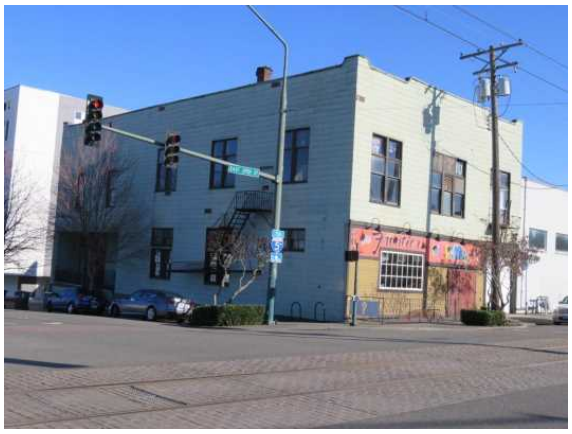

301 E 25th Street, view northeast

301 E 25th Street, Tacoma Public Library, 1947

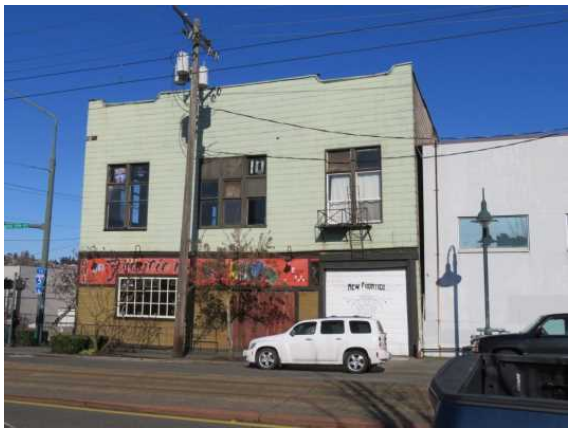

301 E 25th Street, view northwest

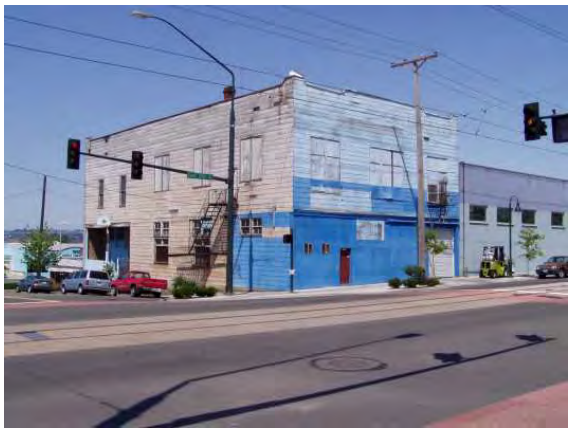

West and south elevations (view northeast)

Historic Property Report

Resource Name: Commercial Building

Property ID: 32819

Inventory Details - 7/21/2003

Common name:	Gilkey Paper Box Company
Date recorded:	7/21/2003
Field Recorder:	Gene Grulich
Field Site number:	DST22
SHPO Determination	

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Form Type	Utilitarian
Roof Type	Flat with Parapet
Cladding	Asbestos - Shingles
Roof Material	Asphalt/Composition - Rolled
Structural System	Wood - Balloon Frame

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: No

Property is located in a potential historic district (National and/or local): No

Significance narrative: Until the 1920s, the lower level of this building was used by the Gilkey Paper Box Company with the upper story used as a meeting hall for the International Order of Odd Fellows. In the 1920s, the Gilkey company vacated the site and was briefly replaced by the Whistle Bottling Company (1923). More recently (following the 1920s) the building has generally been used for storage.

Physical description: This building is a two story wood frame structure with a meeting hall above and business uses originally on the first floor. The building has most of its architectural features covered with asbestos shingles and plywood. The street façade on 25th Street has been covered with plywood siding except for a personnel door and two modern aluminum windows. The side street façade (East C Street) has some of the original windows exposed. These are double hung wood framed windows. There are small double hung windows with transoms level with the two windows. These have plywood over the lower portion. At the rear of the building there is a covered porch with stairs and doors to the interior. Several changes have altered the original design. A single wood column supports the center of the porch opening. Above the first floor the siding has been covered with asbestos shingles and most of the windows have been covered with plywood.

Bibliography: Historic American Engineering Record, Tacoma Downtown Survey, 1979. City of Tacoma Cultural Resource Survey, 1981. Tacoma Public Library, Northwest Collections, Pierce County Building Index; Newspaper files. Caroline Gallacci. Planning the City of Destiny: A History of Tacoma, Washington to 1930. Seattle, Ph.D. Dissertation, University of Washington, 1999.

Historic Property Report

Resource Name: Commercial Building

Property ID: 32819

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Post & Pier
Cladding	Wood - Horizontal Tongue and Groove
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Wood - Shingle
Form Type	Commercial - Two-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1904), the commercial building at 301 E 25th Street retains integrity of location and setting, although alterations including recladding, window replacement, altered fenestration, an altered main entrance, and a change of use have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 301 E 25th Street was constructed in 1904. The building was constructed for the Gilkey Paper Box Company, who occupied the first floor until the 1920s. The second floor was used by the International Order of Odd Fellows, and after the 1920s the building was mainly used for storage (Tacoma Culture 1981; TPCBI 2020). Today the building is occupied by the New Frontier Lounge. As the turn-of-the-century home for the East Tacoma chapter of the Odd Fellows, the building is significant for its association with civic life (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest commercial building with few distinct characteristics from the historic period, apart from its massing and shaped parapet (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Although the building at 301 E 25th Street is significant under Criterion A, the building does not retain sufficient integrity to convey its significance and is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 301 E 25th Street was constructed in 1904 (Pierce County Assessor 2020). The two-story, rectangular building faces south toward E 25th Street and is a two-part commercial block. It sits on a post and pier foundation, is clad in horizontal tongue-and-groove wood siding and synthetic shingles, and is topped by a flat, built-up roof with a parapet. The south elevation features a shaped ornamental parapet, indicating the main entrance was originally on this elevation. The south elevation also features business signage, a garage bay at the southeast corner, and a change in cladding, with wood siding on the first floor and shingles on the second floor. The other elevations are clad in shingles. The main entrance is currently recessed on the west elevation and consists of two double door entrances with transoms above. Some wood windows are present, but most appear to be vinyl framed and in altered fenestration.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document,

http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536718

Location

Address:	308 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076200030
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1948	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 536718

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

308 E 26th Street, view south

308 E 26th Street, view northwest

308 E 26th Street, Tacoma Public Library, 1981

Historic Property Report

Resource Name: Commercial Building

Property ID: 536718

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076200030

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Masonry - Brick
Form Type	Commercial

Surveyor Opinion

Significance narrative:

Modeled as a category "1C" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=30801

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Kingdom Hall of Jehovah's Witnesses
City Directory (1951)

The following newspaper citations and background was collected by Tacoma Public Library librarians about previous demolitions on the tax lot:

Milwaukee Hand Laundry
City Directory (1912)

McKinley Hand Laundry
City Directory (1919)

TNT 5/16/1945 p.1 Condemn 11 buildings

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 308 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1948 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1980. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536718

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Brick
Cladding	Wood
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1948), the commercial building at 308 E 26th Street retains integrity of location, setting, feeling, and association, although alterations including recladding and a change of use, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 308 E 26th Street was constructed in 1948 as is associated with the Kingdom Hall of Jehovah's Witnesses (TPCBI 2020). Although a part of the commercial fabric of Tacoma, the building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest commercial block with few distinct characteristics from the historic period apart from its massing and modest storefront (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 308 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 308 E 26th Street was constructed in 1948 (Pierce County Assessor 2020). The single-story, rectangular building faces north toward E 26th Street. The one-part block sits on a poured-concrete foundation, is clad in brick and diagonal boards, and is topped by a flat, built-up roof with a parapet. The north facade is characterized by the storefront in altered fenestration with one entry door under a canvas awning flanked by large display windows. A rear entrance and enclosed openings are located on the south elevation. The parapet on the south elevation is stepped.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536724

Location

Address:	306 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076200020
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1919	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

306 E 26th Street, view south

306 E 26th Street, Tacoma Public Library, 1981

306 E 26th Street, view northwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 536724

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076200020

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "1C" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=30800

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Flight Center
Frank G. Leavenworth, operator
-school of navigation meteorology
City Directory (1947)

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Louis Koski
City Directory (1928)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Pres

Physical description: The building at 306 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1945 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1975. The 2-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536724

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Brick
Cladding	Wood
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - Two-Part Block
Structural System	Wood - Platform Frame

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1919), the commercial building at 306 E 26th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 306 E 26th Street was constructed in 1919. Research did not reveal its original use, but the building was known as a "flight center" in 1947 (TPCBI 2020). Part of the commercial fabric of early-twentieth century Tacoma, the building does appear to be associated with important events and trends that made a significant contribution to the broad patterns of local history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest commercial two-part block with few distinct characteristics from the historic period apart from its massing and altered storefront (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of integrity from its period of construction, Historical Research Associates recommends that the commercial building at 306 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 306 E 26th Street was constructed in 1919 (Pierce County Assessor 2020). The two-story, rectangular building faces north toward E 26th Street and is a commercial one-part block. It sits on a poured-concrete foundation, is clad in brick and diagonal boards, and is topped by a flat, built-up roof with a parapet. The north facade is characterized by the storefront in alterec fenestration with one central entry door flanked by replacement windows. Replacement windows are located above the storefront on the second story as well. The secondary south elevation includes two entrances, an exterior staircase, a stepped parapet, and a porch and balcony with wood railing and supports. The windows are vinyl-framed and are in altered fenestration. Some of the windows on the south elevation have been enclosed.

Bibliography:

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Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

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MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document,

https://historylink.org/File/922.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial building

Property ID: 536740

Location

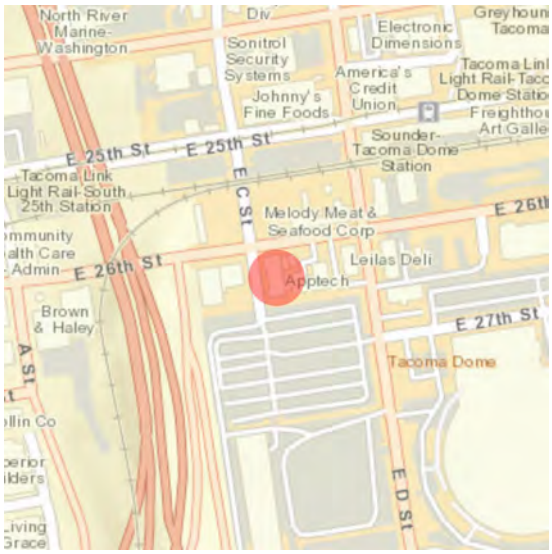

Address:	302 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076200010
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 13 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1937	☐

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company
Builder	Harold Bogan

Historic Property Report

Resource Name: Commercial building

Property ID: 536740

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	2/3/2020	Survey/Inventory	

Photos

302 E 26th Street, view southeast.jpg

302 E 26th Street, view southwest.jpg

302 E 26th Street, 1977, view southeast, courtesy of the Tacoma Public Library.

Historic Property Report

Resource Name: Commercial building

Property ID: 536740

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076200010

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame
Form Type	Utilitarian

Surveyor Opinion

Significance narrative:

Modeled as a category "1B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3860

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Puget Sound Feed Co.
Harold Bogan, builder
John Nelson, contr.
TNT 9/5/1937 p.A8 Feed company in new home (il)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 302 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1937 and is a warehouse. Also according to the county assessor, the structure was remodeled in 1985. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial building

Property ID: 536740

Inventory Details - 2/3/2020

Common name:

Date recorded: 2/3/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Block
Form Type	Commercial
Roof Type	Flat with Parapet
Cladding	Metal
Plan	Rectangle
Roof Material	Asphalt/Composition - Built Up
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1937), the combined office and warehouse at 302 E 26th Street retains integrity of location and setting, although a second story addition and extensive alterations to windows, siding, and massing have diminished the building's integrity of design, materials, workmanship, feeling, and association.

Evaluation

The combined office and warehouse building at 302 E 26th Street was constructed in 1937 but retains little character from its period of construction. Although its original use is not known, by 1950, Sanborn Insurance maps identify the building as "Hay Grain and Feed," suggesting the building has regularly been used as a commercial building with attached storage (Sanborn 1950). The building is not known, based on a review of historic maps and local histories, to have any association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of an altered commercial building with few distinctive characteristics from the historic period (Criterion C). The building does not embody the distinctive characteristics of its type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates, Inc. recommends that the combined commercial and warehouse building at 302 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the two-part commercial block at 302 E 26th Street was constructed in 1937 (Pierce County Assessor 2020). The rectangular building, a combination of a two-story office building facing north toward E 26th Street and a warehouse to the rear, facing west toward East C Street, is rectangular in plan. It sits on a concrete-block foundation, is clad in ribbed-metal siding with a concrete-block end wall on the east, and is topped by a flat roof with parapet. The building's main floor includes a row of square, single-light, vinyl-framed windows across the north and west elevations of the office building. The entry is recessed near the northwest corner and paired with a curved corner with rectangular windows. The first floor shelters under a projecting metal awning on both the north and west elevations. Above the awning, on the second floor of the façade, is a recessed eave over a projecting balcony, accessed by vinyl-framed doors. The west elevation includes single-light windows. To the rear, where the office building meets the warehouse is a recessed entry door. The warehouse, also clad in metal, includes a west-facing garage door and a second entry under a projecting awning, flanked by vinyl-framed windows.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536782

Location

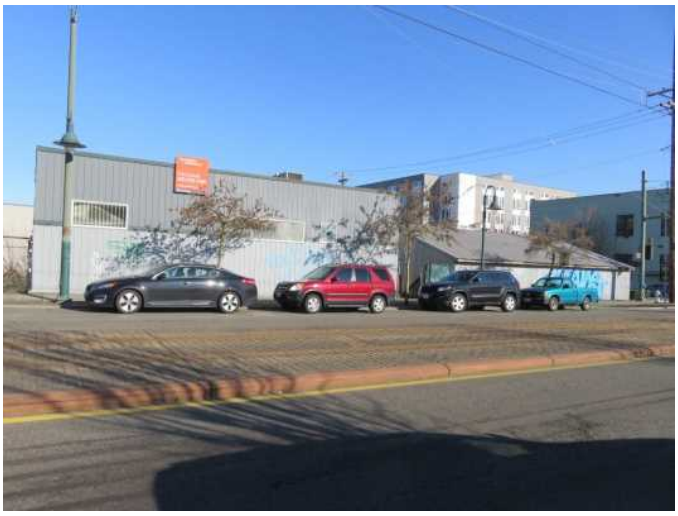

Address:	217 E 25TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2075170050
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 12 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1944	☑

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	
Industry/Processing/Extraction	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

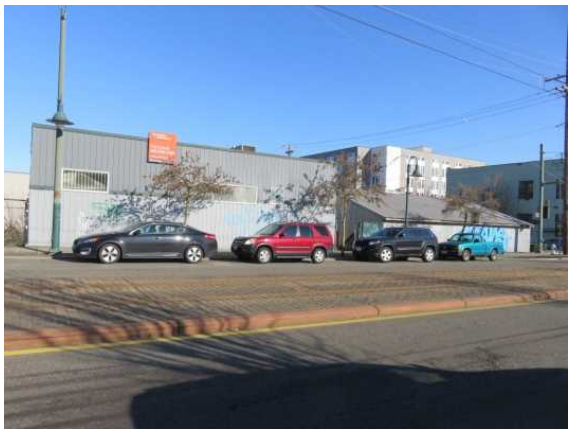

217 E 25th Street, view north

217 E 25th Street, view south

Historic Property Report

Resource Name: Commercial Building

Property ID: 536782

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2075170050

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "2A" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3653

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Sunnen Crane Service
307.76 Un3T p.95 (mention)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 217 E 25th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1953 and is a manufacturing facility. Also according to the county assessor, the structure was remodeled in 1965. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536782

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Metal - Corrugated
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Metal - Steel

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1944), the commercial building at 217 E 25th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 217 E 25th Street was constructed in 1944 and housed the Sunnen Crane Service in 1953 (TPCBI 2020). It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building and garage at 217 E 25th Street are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 217 E 25th Street was constructed in 1944, and its associated shed roof garage was constructed in 1975 (Pierce County Assessor 2020). The two-story, rectangular building faces south, although its primary entry is recessed between the two buildings. The building sits on a poured-concrete foundation, is clad in corrugated metal, and is topped by a flat, built-up roof with a parapet. The southern facade has been secured, and an elevated second floor entry with a canvas awning provides access from a secured gate on E 25th Street. A secondary entrance is on the first floor of the east facade, accessible from the northern parking lot. The second floor is L-shaped, and the one-story portion has a garage entrance. The windows are vinyl framed, and likely in altered fenestration. The single-story, rectangular garage building was constructed in 1975, sits on a poured-concrete foundation, is clad in corrugated metal, and is topped by a metal shed roof. The building features three garage bays on the north facade and no windows.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Sunnen Crane Service

Property ID: 31671

Location

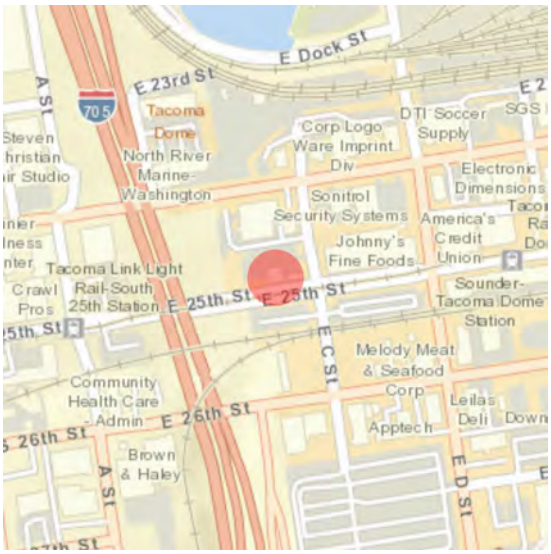

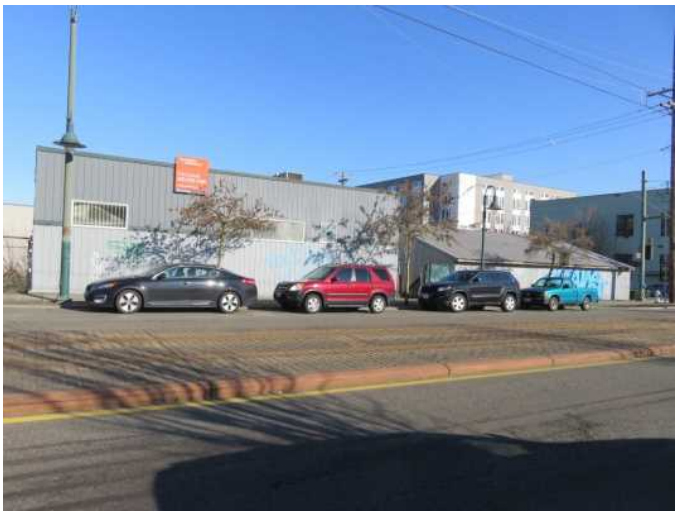

Address:	217 E 25th St, Tacoma, WA
Tax No/Parcel No:	2075170050
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 12 : TACOM
Geographic Areas:	Pierce County, Tacoma Certified Local Government, T20R03E37, TACOMA SOUTH Quadrangle

Information

Number of stories:

Construction Dates:

Construction Type	Year	Circa
Built Date	1944	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Historic Name: Sunnen Crane Service

Property ID: 31671

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Determined Not Eligible	Maureen Elenga, 6/10/2024
2020-08-04983, , S29 & S30 Project, Tacoma, Pierce County, WA		Survey/Inventory	

Photos

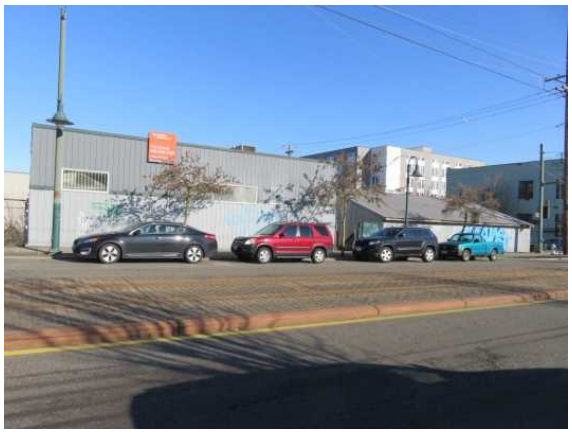

217 E 25th Street, view north

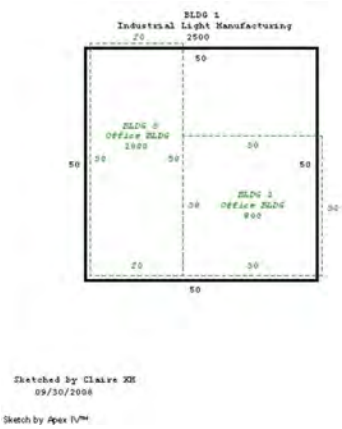

Floor plan sketch (Pierce County Assessor-Treasurer 2020)

Northeast elevation

Southwest elevation

Southeast elevation

217 E 25th Street, view south

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:

Date recorded: 1/1/1900

Field Recorder:

Field Site number:

SHPO Determination

Historic Property Report

Historic Name: Sunnen Crane Service

Property ID: 31671

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2075170050

SHPO Determination

Detail Information

Characteristics:

Category	Item
Structural System	Wood - Platform Frame

Surveyor Opinion

Significance narrative:

Modeled as a category "2A" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3653

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Sunnen Crane Service
307.76 Un3T p.95 (mention)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 217 E 25th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1953 and is a manufacturing facility. Also according to the county assessor, the structure was remodeled in 1965. The 1-story, platform frame building has a roof clad in an unknown material.

Bibliography:

Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Historic Name: Sunnen Crane Service

Property ID: 31671

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Metal - Corrugated
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Metal - Steel

Styles:

Period	Style Details
Modern Movement (1930-1970)	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1944), the commercial building at 217 E 25th Street retains integrity of location, setting, feeling, and association, although alterations including recladding, window replacement, and altered fenestration, have diminished its integrity of design, materials, and workmanship.

Evaluation

The commercial building at 217 E 25th Street was constructed in 1944 and housed the Sunnen Crane Service in 1953 (TPCBI 2020). It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building was constructed as a utilitarian commercial building and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D). Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building and garage at 217 E 25th Street are not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the commercial building at 217 E 25th Street was constructed in 1944, and its associated shed roof garage was constructed in 1975 (Pierce County Assessor 2020). The two-story, rectangular building faces south, although its primary entry is recessed between the two buildings. The building sits on a poured-concrete foundation, is clad in corrugated metal, and is topped by a flat, built-up roof with a parapet. The southern facade has been secured, and an elevated second floor entry with a canvas awning provides access from a secured gate on E 25th Street. A secondary entrance is on the first floor of the east facade, accessible from the northern parking lot. The second floor is L-shaped, and the one-story portion has a garage entrance. The windows are vinyl framed, and likely in altered fenestration. The single-story, rectangular garage building was constructed in 1975, sits on a poured-concrete foundation, is clad in corrugated metal, and is topped by a metal shed roof. The building features three garage bays on the north facade and no windows.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces

Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Sunnen Crane Service

Property ID: 31671

Inventory Details - 8/4/2020

Common name:

Date recorded: 8/4/2020

Field Recorder: Margaret Berger

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Metal - Corrugated
Structural System	Metal - Steel
Plan	Rectangle

Surveyor Opinion

Significance narrative: County assessor records describe this as an office and industrial light manufacturing building constructed in 1944, with adjusted built dates of 1965 and 1970. Sanborn fire insurance maps from 1888, 1896, 1912, and 1950 were reviewed but did not identifying any structures that correspond to the location of this building. The 1950 Sanborn map shows an auto repair and motor freight facility to the west of this location and a gas and oil storage shed to the northeast. A search of the Tacoma-Pierce County Buildings Index located the Sunnen Crane Company at 217 E 25th St beginning in 1953. Tacoma Public Library's Image Archive includes several photographs of Sunnen Heavy Hauling and Crane Service machinery assisting in local construction projects from the 1940s to 1970s. Sunnen Crane is still in business in Tacoma and is operated by the Sunnen family.

This building is associated with commercial and industrial development in Tacoma south of Commencement Bay in the middle twentieth century. Research and field observations have not identified any significant historical associations for this building, nor does it appear to have any significant architectural or design features. It is unlikely to provide significant historical information. It is therefore recommended not eligible for historic registers.

Physical description: This two-story building has an area of 4,400 square feet. It is clad in corrugated metal and has a flat roof with parapet. Overall, it is rectangular in plan but the second story is L-shaped. Fenestrations are on the second floor and are rectangular and vinyl framed. Windows on the south elevation are fixed panes. Windows on the west, south, and east elevations are horizontal sliding. The cladding and windows do not appear to be original. The main entrance is accessed from E 25th St and opens into the building's second floor from the east elevation. Another entrance, also on the east elevation, opens onto the first floor from the parking lot. The east and north elevations feature one roll-up garage door each.

Bibliography:

Pierce County Assessor-Treasurer
2020 Assessor-Treasurer Information Portal - Parcel 2076170040. Electronic resource, https://atip.piercecountywa.gov/#/app/propertyDetail/2075170050/summary, accessed August 11, 2020.

Sanborn Map Company
1912 Insurance Maps of Tacoma, Washington, Volume 2, Sheet 179. Sanborn Map Company, New York.
1950 Insurance Maps of Tacoma, Washington, Volume 2, Sheet 179. Sanborn Map Company, New York.

Sanborn Map and Publishing Company
1888 Tacoma, Washington Territory, Sheet 10. Sanborn Map & Publishing Co., New York.

Sanborn-Perris Map Company
1896 Insurance Maps of Tacoma, Washington. Volume 1, Sheet 5. Sanborn-Perris Map Company, New York.

Tacoma Public Library
2020a Tacoma-Pierce County Buildings Index - 217 E 25th St, Tacoma. Electronic resource, http://cdm17061.contentdm.oclc.org/cdm/compoundobject/collection/p17061coll1/id/35513/rec/75, accessed August 11, 2020.
2020b Digital Collections - Sunnen Crane. Electronic resource, http://cdm17061.contentdm.oclc.org/cdm/search/searchterm/sunnen!crane/field/all!all/mode/all!all/conn/and!and/order/title/page/1, accessed August 12, 2020.

Historic Property Report

Resource Name: Storage

Property ID: 721827

Location

Address: 219 E 26th St, Tacoma, Washington, 98421

Geographic Areas: T20R03E37, Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
	1950	☑
Built Date	1955	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Storage

Property ID: 721827

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Storage

Property ID: 721827

Photos

219 E 26th Street, view northwest

219 E 26th Street, view northeast

Historic Property Report

Resource Name: Storage

Property ID: 721827

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Cladding	Concrete - Block (cmu)

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (circa 1955), the storage structure at 219 E 26th Street retains integrity of location, design, materials, workmanship, and feeling, although the loss of associated buildings or structures has diminished its integrity of setting and association.

Evaluation

The storage structure at 219 E 26th Street was constructed circa 1955. It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the structure held a strong association with the lives of significant persons (Criterion B). The structure was constructed as a utilitarian storage structure and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the structure was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates recommends that the storage structure at 219 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the storage structure at 219 E 26th Street was constructed in 1900 (Pierce County Assessor 2020). However, based on a review of historic aerial photographs, there was a separate building that may have been constructed around 1900 and was demolished in the 1970s, and the present storage structure was constructed between 1940 and 1968 (NETROnline 2020). The single-story, rectangular structure sits on a poured-concrete foundation and includes a wall of concrete block behind individual open bays topped by a flat, asphalt roof. The structure faces east with eight open storage bays separated by simple steel supports. The roadway of E 26th Street is elevated at this location, and access to the structure is located on East C Street.

Bibliography:

Caldbick, John. 2013. Puyallup Avenue Bridge. HistoryLink.org essay 10423. Electronic document, https://www.historylink.org/File/10423, accessed October 10, 2019.

Caldbick, John. 2015. Milwaukee Road's S-Curve Trestle (Tacoma). HistoryLink.org essay 10998. Electronic document, https://www.historylink.org/File/10998, accessed October 11, 2019.

Gallacci, Caroline, and Ron Karabaich. 2013. Images of America: Vanishing Tacoma. Arcadia Publishing, Charleston, South Carolina.

Long, Priscilla. 2003. Thea Foss Launches the Future Tugboat Firm on the Tacoma Waterfront in the Summer of 1889. HistoryLink Essay 5045. Electronic document, http://www.historylink.org/File/5045, accessed September 20, 2017.

MacIntosh, Heather and David Wilma. 1999. Northern Pacific Railroad announces Tacoma terminus on July 14, 1873. HistoryLink.org Essay 922. Electronic document, https://historylink.org/File/922.

Magden, Ronald. 2008. Port of Tacoma Thumbnail History – Part 1. HistoryLink.org Essay 8592. Electronic document, http://www.historylink.org/File/8592, accessed September 15, 2017.

NETROnline. 2020. Historic Aerials, Tacoma, Pierce County Washington. Electronic document, https://www.historicaerials.com/, accessed May 28, 2020.

Oldham, Kit. 2011a. Development Plan for the Port of Tacoma is Approved on May 31, 1919. HistoryLink Essay 9759. Electronic document, http://www.historylink.org/File/9759, accessed September 14, 2019.

Oldham, Kit. 2011b. Port of Tacoma Thumbnail History – Part 2. HistoryLink.org essay 8662. Electronic document, http://www.historylink.org/File/8662, accessed September 15, 2019.

Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

Pierce County Assessor. 2020. Assessor-Treasurer Electronic Property Information Profile. Electronic document, https://epip.co.pierce.wa.us/CFApps/atr/ePIP/search.cfm, accessed May 28, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912-Apr. 1950 vol. 3, 1912-Apr. 1950, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45506/47657/642787, accessed January 17, 2020.

Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536745

Location

Address:	216 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076180030
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 23 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1953	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Photos

216 E 26th Street, view southeast

216 E 26th Street, Tacoma Public Library, 1977

216 E 26th Street, view south

Historic Property Report

Resource Name: Commercial Building

Property ID: 536745

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076180030

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Modeled as a category "2B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3856

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Pease Bros. Bldg.
307.76 Un3T p.95

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 216 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1952 and is a commercial business. Also according to the county assessor, the structure was remodeled in 1986. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536745

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Cladding	Concrete - Block (cmu)
Cladding	Brick
Roof Type	Barrel
Roof Material	Asphalt/Composition - Built Up
Form Type	Commercial - One-Part Block
Structural System	Masonry - Concrete Block

Styles:

Period	Style Details
Modern Movement	Modern

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1953), the warehouse building at 216 E 26th Street retains integrity of location and setting, although alterations including recladding, window replacement, altered fenestration, and a change of use, have diminished its integrity of design, materials, workmanship, feeling, and association.

Evaluation

The commercial building at 216 E 26th Street was constructed in 1953. The building was originally constructed as a public garage known as the Pease Brothers Building (TPCBI 2020). It was constructed adjacent to Engine House 4 at 222 E 26th Street, which was listed in the NRHP in 1984 under Criteria A and C in the areas of Architecture and Politics/Government as an early fire house in Tacoma. At the time of the nomination, the warehouse was not associated with Engine House 4 (Wakefield 1984). Today, the warehouse appears vacant but may still be used for storage. Although part of Tacoma's commercial fabric, the building does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the building held a strong association with the lives of significant persons (Criterion B). The building is an example of a modest warehouse building with few distinct characteristics from the historic period, apart from its barrel vault roof (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the building was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance and integrity, Historical Research Associates recommends that the commercial building at 216 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the warehouse building at 216 E 26th Street was constructed in 1953 (Pierce County Assessor 2020). The two-story, rectangular building faces north toward E 26th Street. It sits on a poured-concrete foundation, includes walls of concrete block and brick, and is topped by a barrel-vaulted asphalt roof. The north facade is characterized by a single-story projection, which may have been an original office. This facade features an entry door with small two-step stoop and a wall of metal-framed, multilight windows. Some of the loading bays on the secondary west elevation have been enclosed with windows, all of which are metal framed. There is a replaced garage door on the east elevation, which is the only elevation clad in brick.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 536754

Location

Address:	110 E 26TH ST, TACOMA, WA 98421
Tax No/Parcel No:	2076160020
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 23 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 5.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1920	☐
Built Date	1902	☐

Historic Use:

Category	Subcategory
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility
Industry/Processing/Extraction	Industry/Processing/Extraction - Manufacturing Facility

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

110 E 26th St, view southeast

110 E 26th St, view south

110 E 26th St, view southwest

Historic Property Report

Resource Name: Commercial Building

Property ID: 536754

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076160020

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "1D" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 110 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1920 and is a restaurant. Also according to the county assessor, the structure was remodeled in 1960. The 5-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536754

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition
Cladding	Wood - Horizontal Tongue and Groove
Structural System	Wood - Platform Frame
Plan	Irregular

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1902), the factory at 110 E. 26th Street retains integrity of location and setting but has lost some integrity of design, materials, workmanship, and feeling, due to window loss. The original entrance canopy has been replaced with a smaller example, but the original entrance is intact, as is the original neon-lettered blade sign for the Brown and Haley Candy Company. The corbeled wood cornice has been removed from the facade and east elevations. The building retains integrity of association, as it continues to be used as a production facility for Almond Roca candy.

Evaluation

The factory at 110 E. 26th Street was constructed as a three-story, wood-frame building in 1902 for the Stilson-Kellogg Shoe Company (Pierce County Assessor 2020). The company expanded the building in 1907, adding two additional stories and a warehouse addition to the east. The factory was acquired by the Brown & Haley Candy Company in 1919. Brown and Haley created the nationally known Almond Roca toffee candy in 1923, initially sourcing their ingredients from local Washington and California dairy and produce farmers. Brown & Haley also pioneered the development of hermetically sealed candy tins, allowing national distribution of their product. In 1948, another addition was built on the west side of the building, including a large loading dock entrance and additional manufacturing space (Bluestone 1979). The building is still used to produce Almond Roca candy today (Pierce County Assessor 2020). A Tacoma Community Cultural Resource Survey conducted in 1981 and recorded by DAHP in the WISAARD database notes that the building was determined eligible for listing in the NRHP in April 1992 (DAHP 2020a).

Due to its association with the production and distribution of Almond Roca candy, 110 E. 26th Street retains its association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building embodies the distinctive characteristics of a vernacular, wood-framed factory building. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Preliminary research did not uncover the building's architect. Finally, 110 E. 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its significance and relatively high degree of integrity from the historic period, Historical Research Associates (HRA) recommends 110 E. 26th Street continues to be eligible for listing in the National Register of Historic Places and Washington Heritage Register under Criteria A and C as a distinctive manufacturing plant. Its period of significance dates to its construction in 1902. Although the building was surveyed from the ROW, HRA assumes that the boundary of the eligible resource is the footprint of the former factory. The adjacent parking garage is non-contributing.

Physical description:

Built in 1902 and remodeled in 1907 and 1948 with a garage addition dating to 1985, the candy making factory fronting north at 110 E. 26th Street, on parcel 2076160020, is a five-story building built adjacent to a railroad line (Pierce County Assessor 2020). Generally rectangular, the building is 50,450 square ft atop a poured-concrete foundation, is clad in wood tongue-and-groove siding, and is topped by a flat roof with parapet. The building consists of four primary masses, a projecting bay at the east end; a central massing of six bays; and a four-story extension to the west that houses a loading dock. The fourth is a garage addition (1985) to the west.

On the facade, a small projecting canopy at ground level shelters a single pedestrian entrance with glass transom and original glass-block side walls. An original Brown and Haley Company blade sign with neon lettering projects above the entrance, and a larger delivery entrance is adjacent, with painted glass transom and original, glass and wood paneled door. Additional fenestration includes boarded, wood-framed windows on the top four stories, with six-over-six, double-hung, wood windows on the fifth story. At the northeast corner, window glazing has been removed and ventilation equipment added. The secondary east elevation is characterized by five stories of enclosed wood windows with a row of six-over-one vinyl windows on the second story. This elevation faces a railroad line and elevated interstate freeway. A large wall sign advertising Almond Roca candy covers the center of the third and fourth stories. To the west of the main mass, a generally rectangular garage steps back and sits atop a poured-concrete foundation with vinyl siding and a flat roof with small parapet. The upper floors float atop concrete columns and reinforced concrete beams, creating a covered parking area below. Fenestration includes six, one-over-one bronzed aluminum windows on the north elevation and a metal entry door at the northwest corner that is accessed by a steel, two-flight exterior stair. The secondary west elevation has no fenestration.

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Oldham, Kit. 2011c. Port of Tacoma Thumbnail History – Part 3. HistoryLink.org essay 8668. Electronic document, http://www.historylink.org/File/8668, accessed September 15, 2019.

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

Tacoma Culture. 2020 Historic Property Inventory. Electronic document, https://wspdsmap.cityoftacoma.org/website/HistoricMap/viewer.htm, accessed January 21, 2020.

Tacoma Public Library. 2020. The Tacoma-Pierce County Building Index. Electronic document, http://cdm17061.contentdm.oclc.org/cdm/landingpage/collection/p17061coll1, accessed January 31, 2020.

Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Commercial Building

Property ID: 536750

Location

Address:	101 E 26TH ST, TACOMA, WA 98402
Tax No/Parcel No:	2076150012
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 24 TA
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1909	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 536750

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

101 E 26th St, view northwest

101 E 26th St, view north

Historic Property Report

Resource Name: Commercial Building

Property ID: 536750

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076150012

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "1B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3851

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Swift & Co.
-wholesale meats
City Directory (1910-1914)

Eagle Macaroni Co.
TDL 7/25/1915 p.23 Eagle plant to be well
equipped
City Directory (1916-1918)

Armour Co.
-wholesale meats
City Directory (1919-1956)

Armour Bldg.
TNT 8/4/1987 p.C1 Old Armour plant will be
offices (remodeling by Lynne F. Martin, arch.)
(sketch)
307.76 Un3T p.26,95

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic

Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 101 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1909 and is a professional building. Also according to the county assessor, the structure was remodeled in 1987. The 3-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography:

Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536750

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition
Cladding	Brick - Stretcher Bond
Structural System	Masonry - Brick
Plan	Rectangle

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1909), the building at 101 E. 26th Street retains integrity of location, setting, design, materials, workmanship, and feeling, due to a sensitive restoration with some alterations, including a well-differentiated addition, although windows and doors have been altered. Most of the alterations occurred in 1999 (Pierce County Assessor 2020). The building has lost integrity of association due to a change in use from meat packing warehouse to office space.

Evaluation

The commercial building at 101 E. 26th Street was constructed in 1909 for Swift and Company, a meatpacking and cold storage business based in Chicago (O'Bannon 1979). The building contained smokehouses and cold storage rooms and was located adjacent to the Puget Sound Electric Railway's Seattle Interurban line (City of Tacoma 2020a). The resource's location reflects Swift and Company's connection to the manufacture and use of refrigerated railcars used to transport meat and dairy products (Kutner 2010). In 1918, Armour and Company purchased the building and continued to use it as an outlet until 1957, after which the building was vacant for many years (O'Bannon 1979). The building currently houses offices for Home Instead Senior Care and Erickson McGovern Architects (Tacoma Public Library 2020). Based on its connection to the meatpacking and rail industries in Tacoma, the building appears to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any notable association of the resource with the lives of significant persons (Criterion B). The building embodies the distinctive characteristics of its type, period, and method of construction as an example of a two-story, one-part commercial block from the early twentieth century, but it does not represent the work of a master; or possess high artistic values. While not rising to the standard of individual eligibility, the building could qualify as contributing to a historic district, were such a district present (Criterion C). Preliminary research did not uncover the building's architect. Finally, 101 E. 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its integrity and significance as a representative example of an early twentieth century, one-party commercial block, the building at 101 E. 26th Street is recommended eligible for listing in the National Register of Historic Places and Washington Heritage Register under Criteria A and C with a period of significance of 1909–1957. Though surveyed from the public ROW, HRA assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: Built in 1909, the one-part commercial block fronting south at 101 E. 26th Street, on parcel 2076150012, is a two-story commercial building (Pierce County Assessor 2020). Generally rectangular, the 21,834 square ft building sits on a poured-concrete foundation, is clad in brick laid in stretcher bond, and is topped with a flat roof with parapet clad in rolled composite material (Google Earth Pro 2020). Facade fenestration includes rows of four and five one-over-one, wood-frame windows with segmental-arch lintels and concrete sills. A recessed opening defines the entry at the center of the first story, enclosed with a metal security gate. The partial daylight basement is lit with small rectangular windows filled with glass block. The west elevation features similar fenestration and a stepped parapet. A double wood entry door breaks the row of windows on the first floor, and the partial daylight basement on the south opens up to a full daylight basement on the north end of the elevation. The east elevation includes a small, two-story addition, possibly an elevator tower to provide Americans with Disabilities Act (ADA) accessibility, clad in scored stucco and well-differentiated from the historic structure.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Resource Name: Storage

Property ID: 721827

Location

Address: 219 E 26th St, Tacoma, Washington, 98421

Geographic Areas: T20R03E37, Tacoma Certified Local Government, Pierce County, TACOMA SOUTH Quadrangle

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
	1950	☑
Built Date	1955	☑

Historic Use:

Category	Subcategory
Commerce/Trade	
Commerce/Trade	

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Storage

Property ID: 721827

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	4/22/2020	Survey/Inventory	

Historic Property Report

Resource Name: Storage

Property ID: 721827

Photos

219 E 26th Street, view northwest

219 E 26th Street, view northeast

Historic Property Report

Resource Name: Storage

Property ID: 721827

Inventory Details - 4/22/2020

Common name:

Date recorded: 4/22/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Plan	Rectangle
Foundation	Concrete - Poured
Structural System	Masonry - Concrete Block
Roof Type	Flat with Eaves
Roof Material	Asphalt/Composition - Built Up
Form Type	Utilitarian
Cladding	Concrete - Block (cmu)

Styles:

Period	Style Details
Late 19th and Early 20th Century American Movements	Commercial

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (circa 1955), the storage structure at 219 E 26th Street retains integrity of location, design, materials, workmanship, and feeling, although the loss of associated buildings or structures has diminished its integrity of setting and association.

Evaluation

The storage structure at 219 E 26th Street was constructed circa 1955. It does not appear, based on a review of historic maps and local histories, to hold any historic-period associations with important events or trends that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not suggest that the structure held a strong association with the lives of significant persons (Criterion B). The structure was constructed as a utilitarian storage structure and is not significant for its architectural character (Criterion C). It does not embody the distinctive characteristics of a particular type, period, or method of construction; or represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., contribute to an existing or potential historic district). Finally, the structure was constructed of common methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Due to a lack of significance, Historical Research Associates recommends that the storage structure at 219 E 26th Street is not eligible for listing in the National Register of Historic Places under any criteria.

Physical description:

According to the Pierce County Assessor, the storage structure at 219 E 26th Street was constructed in 1900 (Pierce County Assessor 2020). However, based on a review of historic aerial photographs, there was a separate building that may have been constructed around 1900 and was demolished in the 1970s, and the present storage structure was constructed between 1940 and 1968 (NETROnline 2020). The single-story, rectangular structure sits on a poured-concrete foundation and includes a wall of concrete block behind individual open bays topped by a flat, asphalt roof. The structure faces east with eight open storage bays separated by simple steel supports. The roadway of E 26th Street is elevated at this location, and access to the structure is located on East C Street.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Swift and Company

Property ID: 31674

Location

Address:	101 E 26th St, Tacoma, Washington, 98421
Tax No/Parcel No:	2076150012
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 24 TA
Geographic Areas:	Pierce County, T20R03E09, TACOMA SOUTH Quadrangle

Information

Number of stories:

Historic Property Report

Historic Name: Swift and Company

Property ID: 31674

Construction Dates:

Construction Type	Year	Circa
Built Date	1909	☐
Remodel	1999	☐
Addition	1999	☐

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Business
Commerce/Trade	Commerce/Trade - Business

Historic Context:

Category
Architecture
Commerce

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Survey/Inventory	
2019-11-08716, , Pierce County_ Pacific Avenue SR 7 Bus Rapid Transit Project (DO NOT MODIFY! Merged from 2020-07-04824)		Determined Eligible	Holly Borth, 1/27/2021

Photos

Commercial building at 101 E. 26th Street, facade and east elevation, view northwest.jpg

101 E 26th St, view northwest

Commercial building at 101 E. 26th Street, facade and east elevation, view northwest in an undated photograph. Image courtesy of the Department of the Interior (2020)..jpg

101 E 26th St, view north

Original HPI form(s)

Inventory Details - 1/1/1900

Common name:	Armour and Company
Date recorded:	1/1/1900
Field Recorder:	
Field Site number:	
SHPO Determination	

Historic Property Report

Historic Name: Swift and Company

Property ID: 31674

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076150012

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Commercial
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "1B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=3851

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Swift & Co.
-wholesale meats
City Directory (1910-1914)

Eagle Macaroni Co.
TDL 7/25/1915 p.23 Eagle plant to be well
equipped
City Directory (1916-1918)

Armour Co.
-wholesale meats
City Directory (1919-1956)

Armour Bldg.
TNT 8/4/1987 p.C1 Old Armour plant will be
offices (remodeling by Lynne F. Martin, arch.)
(sketch)
307.76 Un3T p.26,95

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed

project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 101 E 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1909 and is a professional building. Also according to the county assessor, the structure was remodeled in 1987. The 3-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography:

Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Historic Name: Swift and Company

Property ID: 31674

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition
Cladding	Brick - Stretcher Bond
Structural System	Masonry - Brick
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1909), the building at 101 E. 26th Street retains integrity of location, setting, design, materials, workmanship, and feeling, due to a sensitive restoration with some alterations, including a well-differentiated addition, although windows and doors have been altered. Most of the alterations occurred in 1999 (Pierce County Assessor 2020). The building has lost integrity of association due to a change in use from meat packing warehouse to office space.

Evaluation

The commercial building at 101 E. 26th Street was constructed in 1909 for Swift and Company, a meatpacking and cold storage business based in Chicago (O'Bannon 1979). The building contained smokehouses and cold storage rooms and was located adjacent to the Puget Sound Electric Railway's Seattle Interurban line (City of Tacoma 2020). The resource's location reflects Swift and Company's connection to the manufacture and use of refrigerated railcars used to transport meat and dairy products (Kutner 2010). In 1918, Armour and Company purchased the building and continued to use it as an outlet until 1957, after which the building was vacant for many years (O'Bannon 1979). The building currently houses offices for Home Instead Senior Care and Erickson McGovern Architects (Tacoma Public Library 2020). Based on its connection to the meatpacking and rail industries in Tacoma, the building appears to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any notable association of the resource with the lives of significant persons (Criterion B). The building embodies the distinctive characteristics of its type, period, and method of construction as an example of a two-story, one-part commercial block from the early twentieth century, but it does not represent the work of a master; or possess high artistic values. While not rising to the standard of individual eligibility, the building could qualify as contributing to a historic district, were such a district present (Criterion C). Preliminary research did not uncover the building's architect. Finally, 101 E. 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its integrity and significance as a representative example of an early twentieth century, one-party commercial block, Historical Research Associates, Inc. (HRA) recommends the building at 101 E. 26th Street eligible for listing in the National Register of Historic Places and Washington Heritage Register under Criteria A and C with a period of significance of 1909–1957. Though surveyed from the public right-of-way, HRA assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: Built in 1909, the one-part commercial block fronting south at 101 E. 26th Street, on parcel 2076150012, is a two-story commercial building (Pierce County Assessor 2020). Generally rectangular, the 21,834 square foot building sits on a poured-concrete foundation, is clad in brick laid in stretcher bond, and is topped with a flat roof with parapet clad in rolled composite material. Facade fenestration includes rows of four and five one-over-one, wood-frame windows with segmental-arch lintels and concrete sills. A recessed opening defines the entry at the center of the first story, enclosed with a metal security gate. The partial daylight basement is lit with small rectangular windows filled with glass block. The west elevation features similar fenestration and a stepped parapet. A double wood entry door breaks the row of windows on the first floor, and the partial daylight basement on the south opens up to a full daylight basement on the north end of the elevation. The east elevation includes a small, two-story addition, possibly an elevator tower to provide Americans with Disabilities Act (ADA) accessibility, clad in scored stucco and well-differentiated from the historic structure.

Bibliography:

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http://www.historylink.org/File/9759, accessed September 14, 2019.

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Wilma, David and Walt Crowley. 2003. Tacoma-Thumbnail History. HistoryLink.org essay 5055. Electronic document: https://www.historylink.org/File/5055.

Historic Property Report

Historic Name: Swift and Company

Property ID: 31674

Inventory Details - 7/25/2020

Common name:

Date recorded: 7/25/2020

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Rolled
Cladding	Brick - Common Bond
Structural System	Masonry - Brick
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century American Movements (1900-1940)	Commercial

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1909), the building at 101 E. 26th Street retains integrity of location, setting, design, materials, workmanship, and feeling, due to a sensitive restoration with some alterations, including a well-differentiated addition, although windows and doors have been altered. Most of the alterations occurred in 1999 (Pierce County Assessor 2020). The building has lost integrity of association due to a change in use from meat packing warehouse to office space.

Evaluation

The commercial building at 101 E. 26th Street was constructed in 1909 for Swift and Company, a meatpacking and cold storage business based in Chicago (O'Bannon 1979). The building contained smokehouses and cold storage rooms and was located adjacent to the Puget Sound Electric Railway's Seattle Interurban line (City of Tacoma 2020). The resource's location reflects Swift and Company's connection to the manufacture and use of refrigerated railcars used to transport meat and dairy products (Kutner 2013). In 1918, Armour and Company purchased the building and continued to use it as an outlet until 1957, after which the building was vacant for many years (O'Bannon 1979). The building currently houses offices for Home Instead Senior Care and Erickson McGovern Architects (Tacoma Public Library 2020). Based on its connection to the meatpacking and rail industries in Tacoma, the building appears to be associated with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Preliminary research did not reveal any notable association of the resource with the lives of significant persons (Criterion B). The building embodies the distinctive characteristics of its type, period, and method of construction as an example of a two-story, one-part commercial block from the early twentieth century, but it does not represent the work of a master; or possess high artistic values. While not rising to the standard of individual eligibility, the building could qualify as contributing to a historic district, were such a district present (Criterion C). Preliminary research did not uncover the building's architect. Finally, 101 E. 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its integrity and significance as a representative example of an early twentieth century, one-party commercial block, the building at 101 E. 26th Street is recommended eligible for listing in the NRHP and WHR under Criteria A and C with a period of significance of 1909–1957. Though surveyed from the public ROW, HRA assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: Built in 1909, the one-part commercial block fronting south at 101 E. 26th Street, on parcel 2076150012, is a two-story commercial building (Pierce County Assessor 2020). Generally rectangular, the 21,834 square ft building sits on a poured-concrete foundation, is clad in brick laid in stretcher bond, and is topped with a flat roof with parapet clad in rolled composite material (Google Earth Pro 2020). Facade fenestration includes rows of four and five one-over-one, wood-frame windows with segmental-arch lintels and concrete sills. A recessed opening defines the entry at the center of the first story, enclosed with a metal security gate. The partial daylight basement is lit with small rectangular windows filled with glass block. The west elevation features similar fenestration and a stepped parapet. A double wood entry door breaks the row of windows on the first floor, and the partial daylight basement on the south opens up to a full daylight basement on the north end of the elevation. The east elevation includes a small, two-story addition, possibly an elevator tower to provide Americans with Disabilities Act (ADA) accessibility, clad in scored stucco and well-differentiated from the historic structure.

Bibliography:

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Historic Property Report

Resource Name: Commercial Building

Property ID: 722335

Location

Address: 102 E 26th St, Tacoma, Washington, 98421

Tax No/Parcel No: 2076160010

Geographic Areas: Pierce County, TACOMA SOUTH Quadrangle, T20R03E37, Tacoma Certified Local Government

Information

Number of stories: 1.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1962	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Specialty Store
Commerce/Trade	Commerce/Trade - Specialty Store

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Historic Property Report

Resource Name: Commercial Building

Property ID: 722335

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

102 E 26th St, circular buildng, view south

102 E 26th St, view southeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 722335

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - Pavilion
Roof Type	Hip
Roof Material	Asphalt/Composition - Shingle
Cladding	Wood
Structural System	Wood - Post and Beam
Plan	Pavilion

Styles:

Period	Style Details
Modern Movement	New Formalism

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1962), the retail pavilion at 102 E. 26th Street retains integrity of location, setting, design, materials, workmanship, feeling, and association, as it has experienced few alterations, remains in its historic location, and continues to be used as a retail outlet for Almond Roca candy.

Evaluation

The retail pavilion at 102 E. 26th Street was constructed in 1962 to promote candy sales to travelers on their way to the Seattle World's Fair (Bluestone 1979). Due to its connection with the sales and promotion of Almond Roca candy and its connection to the locally and nationally significant Seattle World's Fair, the retail pavilion at 102 E. 26th Street retains its association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The pavilion embodies the distinctive characteristics of a 1960s, New Formalist roadside retail pavilion (DAHP 2020a) (Criterion C). Preliminary research did not uncover the building's architect. The building at 102 E. 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Based on its historic significance and high degree of integrity, Historical Research Associates (HRA) recommends the retail pavilion at 102 E. 26th Street is eligible for listing in the National Register of Historic Places and Washington Heritage Register under Criteria A and C as a distinctive New Formalist structure associated with the 1962 World's Fair. Its period of significance dates to its construction in 1962. Although the building was surveyed from the ROW, HRA assumes that the boundary of the eligible resource is the building's footprint.

Physical description:

According to the Pierce County Assessor, the one-story, circular pavilion at 102 E. 26th Street, which stands in front of the Almond Roca factory at neighboring 110 E. 26th Street, was constructed in 1962 (Pierce County Assessor 2020). The one-story, 12-sided retail pavilion features a circular hipped roof topped by a round cabinet sign. The building sits on a concrete foundation and includes wood stem walls topped by fixed wood-framed windows. A half-glazed, single entry door faces north toward E. 26th Street.

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Historic Property Report

Resource Name: Commercial Building

Property ID: 536748

Location

Address:	102 S 26TH ST, TACOMA, WA 98402
Tax No/Parcel No:	2076140010
Plat/Block/Lot:	Section 09 Township 20 Range 03 Quarter 24 : TACOM
Geographic Areas:	Pierce County, TACOMA SOUTH Quadrangle, T20R03E09

Information

Number of stories: 2.00

Construction Dates:

Construction Type	Year	Circa
Built Date	1937	☑

Historic Use:

Category	Subcategory
Commerce/Trade	Commerce/Trade - Warehouse
Commerce/Trade	Commerce/Trade - Warehouse

Historic Context:

Category
Architecture

Architect/Engineer:

Category	Name or Company

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, FTA, Tacoma Dome Link Extension	6/22/2020	Survey/Inventory	

Photos

102 S 26th St, view southwest

102 S 26th St, view southeast

Historic Property Report

Resource Name: Commercial Building

Property ID: 536748

Inventory Details - 8/8/2011

Common name:

Date recorded: 8/8/2011

Field Recorder: Artifacts Consulting, Inc.

Field Site number: 2076140010

SHPO Determination

Detail Information

Characteristics:

Category	Item
Form Type	Utilitarian
Structural System	Masonry - Brick

Surveyor Opinion

Significance narrative:

Modeled as a category "1B" property. Modeling provides a broad planning tool that is not meant to be a definitive decision on individual building historic status nor a substitute for field based survey work and determinations of eligibility. In 2011 the model assigned categories to 39,270 City of Tacoma properties. This work establishes a baseline of legacy data against which to measure future data sets to gauge both retention and attrition.

Modeling stemmed from a city-wide preservation planning need and providing this planning data content in concert with updates to the city's Preservation Plan. The city's goal to have a more comprehensive perspective expanded modeling to include all properties built in or before 1969. This work also included linking and integrating Tacoma Public Library Building Index data to inform modeling.

Modeling provides a tool to augment the traditional survey and inventory approach. The data can effectively guide at a broad city and neighborhood-wide level initial research efforts to develop and prioritize context statements and field survey work. Intended user groups include city staff (preservation, planning and permit), historical societies, consultants and interested citizens and property owners. The data becomes a tool supporting the broader approach of building conservation.

City Preservation Plan categories:

Group 1. HISTORICALLY SIGNIFICANT PROPERTIES

1A. Individually eligible to the National Register (NR)

1B. Contributor to a National Register eligible district

1C. Eligible for local listing, but not to the NR

1D. Contributor to a Local Register eligible district

Group 2. NOT HISTORICALLY SIGNIFICANT PROPERTIES

2A. Not eligible, with conditions

2B. Not eligible

The following link connects to historic photograph(s) of the building maintained by the Tacoma Public Library's Northwest Room & Special Collections Northwest Photography Archive:

http://search.tacomapubliclibrary.org/buildings/bldg1up.asp?n=4100

The following newspaper citations and background collected by Tacoma Public Library librarians as part of the Tacoma/Pierce County Building Index at http://search.tacomapubliclibrary.org/buildings/bldgv2.asp:

Consolidated Dairy Products
City Directory (1938-1963)
Sanborn Map 1945

Harley Davidson Motorcycles
City Directory (1970-1976)

Solar Manufacturing Co.
City Directory (1979-1987)

The following newspaper citations and background was collected by Tacoma Public Library librarians about previous demolitions on the tax lot:

Hellar, Lyon & Co., owner
TDL 11/24/1901 p.29 (il)

Data included on this historic property inventory form (HPI) detail stemmed from County Assessor building records imported by the Washington State Department of Archaeology of Historic Preservation (DAHP) into WISAARD in 2011. This upload reduces data entry burden on community volunteers and historical societies participating in the survey and inventory of their communities. The intent of this project is directed specifically to facilitating community and public involvement in stewardship, increasing data accuracy, and providing a versatile planning tool to Certified Local Governments (CLGs).

Project methodology entailed use of the University of Washington's State Parcel Database (http://depts.washington.edu/wagis/projects/parcels/development.php) to provide the base parcel layer for CLGs. Filtering of building data collected from each county trimmed out all properties built after 1969, as well as all current, previously inventoried properties. Translation of building data descriptors to match fields in HPI allowed the data upload. Calculation of point locations utilized the center of each parcel. Data on this detail provides a snapshot of building information as of 2011. A detailed project methodology description resides with DAHP. Project team members: Historic Preservation Northwest, GeoEngineers, and Artifacts Consulting, Inc. (project lead).

Physical description: The building at 102 S 26th Street, Tacoma, is located in Pierce County. According to the county assessor, the structure was built in 1937 and is a manufacturing facility. Also according to the county assessor, the structure was remodeled in 1970. The 1-story, unreinforced masonry building has a roof clad in an unknown material.

Bibliography: Tacoma Building Index data integrated into this form provided courtesy of the Tacoma Public Library. (http://search.tacomapubliclibrary.org/buildings/bldgv2.asp)

Historic Property Report

Resource Name: Commercial Building

Property ID: 536748

Inventory Details - 6/22/2020

Common name:

Date recorded: 6/22/2020

Field Recorder: Lauren Waldroop

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - One-Part Block
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition
Cladding	Stucco
Structural System	Masonry - Concrete Block
Plan	Rectangle

Styles:

Period	Style Details
Modern Movement	Art Deco

Surveyor Opinion

Significance narrative:

Integrity

From its period of construction (1937), the building at 102 S. 26th Street retains integrity of location, design, workmanship, and feeling, though some materials have been lost due to changes in windows and doors. The building has lost integrity of association and setting, due to changes in use and demolition of nearby commercial buildings, although the Brown and Haley building remains to the east.

Evaluation

The commercial building at 102 S. 26th Street was constructed in 1937 as a storage building for Consolidated Dairy Products (City of Tacoma 2020a). Consolidated Dairy Products (CDP), founded in Seattle in 1920 to "purchase finished milk products from other producers and [sell] them to retailers" (Anderson 2019), joined together various Washington dairy producers to manage the supply of dairy products and access broader markets due to the surplus of dairy products in the region in the early twentieth century. This organization, which became Darigold in 1925, was a key player in the consolidation and growth of the dairy industry and its response to new pasteurization and other Food and Drug Administration (FDA) safety requirements (Anderson 2019). As a storage building for CDP in the Tacoma area and a link in the distribution of pasteurized milk products in western Washington in the 1930s through the 1960s, it appears that the building at 102 S. 26th Street has an association with events that made a significant contribution to the broad patterns of local, state, or national history (Criterion A). Background research did not reveal any association of the resource with the lives of significant persons (Criterion B). The building does embody the distinctive characteristics of an Art Deco, one-part commercial block, including the horizontal scoring on the parapet, glass-block windows, and streamlined entrance canopy with flattened vertical pilasters. It does not represent the work of a master; or possess high artistic values; or represent a significant and distinguishable entity whose components may lack individual distinction (i.e., is part of a district) (Criterion C). Finally, 102 S. 26th Street was built of common construction methods and well-known materials and is unlikely to answer important research questions or yield information about human history that can only be answered by the actual physical material, design, construction methods, or interrelation of these resources (Criterion D).

Historical Research Associates (HRA) recommends 102 S. 26th Street retains integrity from its period of construction (1937) and is eligible for listing in the National Register of Historic Places and Washington Heritage Register under Criteria A and C as a local representation of an Art Deco, one-part commercial block with a period of significance of 1937. Though surveyed from the public ROW, HRA assumes the boundary for the eligible property is the historically plotted and current tax lot.

Physical description: Built in 1937 according to the Pierce County Assessor, the commercial building fronting north at 102 S. 26th Street, on parcel 2076140010, is a streamlined, one-part commercial block with Art Deco details. Generally rectangular, the 13,615 square ft concrete block building rests on a concrete foundation, is clad in stucco, and topped with a flat roof with parapet (Pierce County Assessor 2020). A two-story, vertical massing defines the east side of the building, and a one-story horizontal element extends to the west. The facade features Art Deco details, including a glass-block framed entry door on the east side with streamlined entrance canopy and flattened, vertical pilasters framing two vertical windows below the stepped parapet. The west massing features a ribbon of metal-frame windows with glass-block infill at the west corner. Horizontal scoring of the stucco above the windows reinforces the long, flat lines of this portion of the building. The west elevation is more minimal, with a few glass-block windows but otherwise little fenestration. On the east elevation, fenestration includes an octagonal window and three garage doors below a horizontal row of three vinyl windows set into stucco with horizontal scoring. One garage door includes a pedestrian entry with concrete and glass-block infill.

Bibliography:

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Sanborn Fire Insurance Maps. Tacoma 1912 vol. 3, Sheet 241. Electronic document, http://sanborn.umi.com.ezproxy.spl.org:2048/browse/wa/9345/45505/47653/642409, accessed January 17, 2019.

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Historic Property Report

Historic Name: Engine House No. 4 - Tacoma

Property ID: 31673

Location

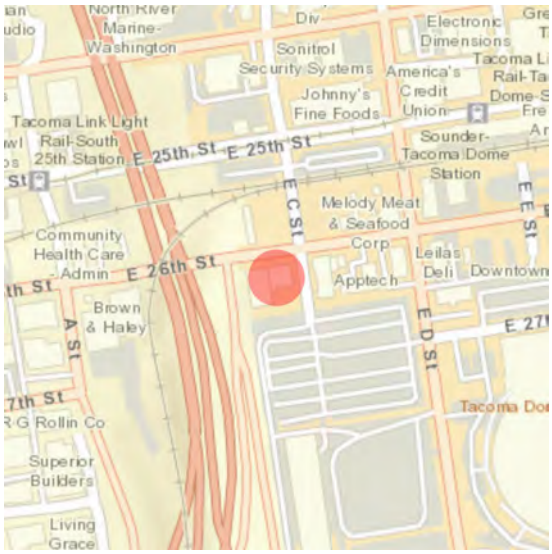

Address: 220-222-224 East 26th Street, Tacoma, WA

Geographic Areas: Pierce County, Pierce County Certified Local Government, T20R03E37, Tacoma Certified Local Government, TACOMA SOUTH Quadrangle

Information

Number of stories:

Construction Dates:

Construction Type	Year	Circa
Built Date	1912	☐

Historic Use:

Category	Subcategory
Government	Government - Fire Station

Historic Context:

Category
Architecture
Politics/Government/Law

Architect/Engineer:

Category	Name or Company
Architect	Shaw & Shaw
Architect	Shaw, Frederick

Historic Property Report

Historic Name: Engine House No. 4 - Tacoma

Property ID: 31673

Registers:

Register Type	Listed Date	Removed Date	Period of Significance	Level of Significance	Criteria
National Register	10/18/1984		-	Local	A, C
Washington Heritage Register	10/18/1984		-	Local	A, C

Thematics:

Local Registers and Districts

Name	Date Listed	Notes

Project History

Project Number, Organization, Project Name	Resource Inventory	SHPO Determination	SHPO Determined By, Determined Date
2018-02-01251, , Tacoma Dome Link Extension		Determined Eligible	Maureen Elenga, 6/10/2024

Photos

220-222-224 E 26th St., view south

220-222-224 E 26th St., view south

220-222-224 E 26th St., interior

220-222-224 E 26th St., interior.

220-222-224 E 26th St., view northwest.

Historic Property Report

Historic Name: Engine House No. 4 - Tacoma

Property ID: 31673

220-222-224 E 26th St., view southwest

220-224-226 E 26th St., facade detail, view south.

Register Image

Original HPI form(s)

Register nomination form

Inventory Details - 1/1/1900

Common name:

Date recorded: 1/1/1900

Field Recorder:

Field Site number:

SHPO Determination

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	American Renaissance

Historic Property Report

Historic Name: Engine House No. 4 - Tacoma

Property ID: 31673

Inventory Details - 7/12/1985

Common name:

Date recorded: 7/12/1985

Field Recorder: Mark L. Brack

Field Site number:

SHPO Determination

Detail Information

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	American Renaissance

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Historic Property Report

Historic Name: Engine House No. 4 - Tacoma Property ID: 31673

Inventory Details - 7/19/2021

Common name:

Date recorded: 7/19/2021

Field Recorder: Chrisanne Beckner

Field Site number:

SHPO Determination

Detail Information

Characteristics:

Category	Item
Foundation	Concrete - Poured
Form Type	Commercial - Two-Part Block
Roof Type	Flat with Parapet
Roof Material	Asphalt/Composition - Built Up
Cladding	Brick - Stretcher Bond
Structural System	Masonry - Brick
Plan	Rectangle

Styles:

Period	Style Details
Early 20th Century Revivals (1900-1940)	Neoclassical

Surveyor Opinion

Property appears to meet criteria for the National Register of Historic Places: Yes

Significance narrative:

Integrity

From its period of construction (1911), Engine House No. 4 at 220-222-224 E 26th Street retains integrity of location, although new construction, including an adjacent building and I-705 to the west, has slightly diminished its integrity of setting (NETROnline 2021). As noted in the National Register of Historic Places (NRHP) nomination for the building (Wakefield 1984), the original folding doors in fire engine bays have all been replaced. At the time of nomination, roll-up doors were located in the bays on the north elevation, and the east elevations doors had been filled with wood-framed windows and wooden pedestrian doors. As of 2021, all bay doors on both the east and north elevations have been filled with wood-framed windows and wooden pedestrian doors. Additionally, the engine house has been converted to professional offices and the interior has been heavily partitioned, diminishing integrity of design, materials, workmanship, feeling, and association. In spite of integrity loss, the building retains the majority of its character-defining features, which include its hose and bell tower, brick walls, arched openings, and neoclassical ornament.

Evaluation

Engine House No. 4 at 220-222-224 E 26th Street was designed by architect Frederick Shaw and constructed in 1911. The building was listed in the NRHP in 1984 under NRHP Criterion A: politics/government and under Criterion C: architecture. As noted in the nomination, "Engine House No. 4 is an excellent example of an early 20th century fire station. The design stems from national improvements in fire fighting technology and organization made in the 1870's and 1880's. Frederick Shaw, its architect, incorporated these features into a structure built as part of Tacoma's pre-World War I building boom. The firehouse also reflects the growth of municipal government and related social services that were stimulated by the progressive movements of this era" (Wakefield 1984).

In spite of some integrity loss both on the interior of the building and on the north elevation since its listing in 1984, Historical Research Associates, Inc. recommends that the former Engine House No. 4 continues to express its significance under NRHP Criteria A and C and remains eligible for listing in the NRHP.

Physical description:

Engine House No. 4 is a two-story brick firehouse, square in plan with a four-story hose and bell tower to the rear (southeast corner). The building sits on a poured-concrete foundation, is constructed of brick in both stretcher and common bond, and is topped by a flat roof with parapet. The facade faces north and is composed of three equal bays, each with a short sidewalk leading south to a central entry door in a former garage bay opening. Each entry door is flanked by concrete half-walls topped by nine-light, wood-framed sidelights. Segmented arches are filled with curved transoms with vertically divided lights. Bays are adorned by decorative brick work, cast stone, and terra cotta. Above the central entry is a carved sign reading "Engine House No. 4". The upper story includes three bands of three windows each. Windows are double-hung, six-over-six lights, and wood-framed. Sills are bracketed and located above bands of decorative brickwork with inset diamonds. Additional decorative brickwork and an ornamental cornice is located below the stepped parapet. Apart from filled entrances, the elevations appear unchanged since 1984.

As noted in the NRHP nomination, the building's west elevation has been altered by the addition of an adjacent building in the 1950s. The engine house's east elevation includes two bays similar in style and materials to those on the north elevation, including windows and entry doors in both bays. The four-story tower is located at the building's southeast corner and retains its decorative brickwork , bell tower, and cornice. The building's south elevation faces a parking lot and includes a single-story projection and access to a basement level. A public entrance at the building's southwest corner leads to a central lobby with stair to upper story offices. Skylights are evident.

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ATTACHMENT J5.6

Archaeological Resource Forms

Attachment redacted, contains privileged information that is not for public disclosure.

ATTACHMENT J5.7

Archaeological Survey Overview Maps

Attachment redacted, contains privileged information that is not for public disclosure.

ATTACHMENT J5.8

Detailed Archaeological Survey Overview Maps

Attachment redacted, contains privileged information that is not for public disclosure.

Tacoma Dome Link Extension

ATTACHMENT J5.9

Archaeological Shovel Probe and Auger Core Table

SOUNDTRANSIT

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
1	50	0–30: 10YR 2/2; loose sandy loam with 10% 3–5 cm rounded gravel and many cedar roots; clear basal contact 30–40: Broken concrete and groundwater; clear basal contact 40–50: 10YR 3/2; fine sandy loam with 10% 5–10 cm rounded gravel *Terminated due to inhibitive cobbles and standing water*	No recovery
2	68	0–3: 7.5YR 2.5/1; black sandy loam and moss; clear basal contact 3–68: 7.5YR 5/1, 7.5YR 6/1; compact sand and gravel fill with subangular to rounded cobbles up to 20 cm; contains large pockets of mostly clean medium to coarse sand; fill to 68+ cmbs; slow groundwater seepage up to at least 65 cmbs *Terminated due to inhibitive cobbles*	No recovery
3	75	0–75: 10YR 4/1; compact very coarse sand with 25–50% 5–10 cm angular to rounded gravels, increasing with depth *Terminated due to inhibitive cobbles*	No recovery
4	120	0–20: 10YR 2/2; loam with 5% 3–5 cm subrounded gravel; clear basal contact 20–78: 10YR 3/6; loose sandy loam with 15% 3–5 cm subrounded gravel and 10–15 cm rounded cobbles; clear basal contact 78–120: 10YR 5/6; compact glacial sediments up to 15 cm subrounded gravel, increasing density and clast size with depth *Augered from 100 cmbs *Terminated due to inhibitive boulder*	No recovery
5	100	0–90: 10YR 4/3; sandy silt construction fill with abundant angular and subangular pebbles and small cobbles; many roots from 0–70 cm, one band of 10YR 4/2 fill at 20–25 cm; clear basal contact 90–100: Olive-brown glacial outwash; coarse sandy silt with common subrounded and subangular pebbles and small cobbles *Terminated due to inhibitive cobbles in glacial sediment*	80–90 cmbs: Temporally non-diagnostic metal/rubber fragment
6	77	0–20: 10YR 2/2; loose sandy loam with 10% rounded gravel; clear basal contact 20–40: Compact reddish sandy loam with 15% rounded gravel; gradual basal transition 40–77: 10YR 5/3; very compact sandy loam with 15% rounded gravel *Terminated due to inhibitive cobbles within glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
7	54	0–10: 10YR 2/2; loose sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 10–54: 10YR 5/3; increasingly compact sandy loam with 15% 3–10 cm subangular gravel *Terminated due to inhibitive cobbles*	No recovery
8	60	0–12: 10YR 2/2; loose sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 12–25: 10YR 5/5; fine sand; clear basal contact 25–60: 10YR 5/3; increasingly compact sandy loam with 15% 3–10 cm subangular gravel *Terminated due to inhibitive cobbles*	No recovery
9	55	0–30: 10YR 2/2; wet loam with 10% 3–5 cm rounded gravel; clear basal contact 30–55: 10YR 5/3; compact glacial sediments up to 10 cm rounded gravel with groundwater seepage *Terminated due to auger refusal in glacial and standing water*	No recovery
10	35	0–3: Black wood chips; clear basal contact 3–23: 7.5YR 3/2; wet plastic silt; clear basal contact 23–35: 2.5Y 7/3; compact glacial clay through 10 cm rounded pebbles; unsorted and plastic with groundwater saturation and rapid seepage *Augered from 24.5 cmbs *Terminated due to auger refusal in glacial and standing water*	No recovery
11	45	0–10: 10YR 2/2; loose, very clumpy loam with 10% 3–5 cm rounded gravel; clear basal contact 10–45: 10YR 5/3; very compact glacial sediments up to 10 cm rounded to subangular gravel *Terminated at depth in glacial sediment*	No recovery
12	50	0–40: 7.5YR 4/2; compact 5 cm angular gravel fill; fill to 40 cmbs; clear basal contact 40–50: 2.5Y 7/3; compact glacial clay through 15 cm rounded cobbles; unsorted and plastic *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
13	50	0–40: 7.5YR 4/2; soft, wet loam with rounded cobbles up to 20 cm; clear basal transition 40–50: 2.5Y 7/3; compact glacial clay through 20 cm rounded cobbles with groundwater saturation and rapid seepage *Augered from 42 cmbs *Terminated due to inhibitive cobbles and standing water*	No recovery
14	100	0–25: 10YR 4/2; loose clumpy sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 25–100: 10YR 5/3; compact glacial sediments up to 12 cm rounded to subangular gravel *Terminated at target depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
15	52	0–6: 7.5 YR 3/2; roots and silty humic layer; gradual basal transition 6–45: 7.5YR 4/2; subrounded gravelly loam; clear basal contact 45–52: 2.5Y 7/3; compact glacial clay through 8 cm rounded gravel *Augered from 35 cmbs *Terminated due to inhibitive cobbles*	No recovery
16	45	0–20: 10YR 4/2; loose clumpy loam with 10% 3–5 cm rounded gravel; clear basal contact 20–45: 10YR 5/3; compact glacial clay through 12 cm subrounded to subangular pebbles *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
17	47	0–23: Subangular cobbles to boulders up to 25 cm diameter with accumulated conifer needles; original trench surfacing to 27 cmbs; clear basal contact 23–27: 7.5YR 4/2; subangular cobbles to 25 cm boulders in thin loam matrix; clear basal contact 27–47: 2.5Y 7/3; compact glacial clay through 10 cm rounded cobbles *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
18	70	0–20: 10YR 4/2; loose sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 20–70: 10YR 5/3; compact glacial sediments up to 12 cm subrounded to subangular pebbles *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
19	58	0–15: 2.5YR 3/2; humic layer and roots; gradual basal transition 15–58: 7.5Y 4/4; brown loam with 20% < 7 cm rounded gravel, two < 27 cm boulders, and large tree roots *Augered from 40 cmbs *Terminated due to inhibitive cobbles and tree roots*	No recovery
20	70	0–16: 10YR 2/2; loose clumpy loam with 10% 3–5 cm rounded gravel; clear basal contact 16–27: Large boulder 27–70: 10YR 5/3; compact glacial sediments up to 10 cm subrounded to subangular pebbles *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
21	100	0–25: 10YR 2/2; loose sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 25–100: 10YR 5/3; loose to increasingly compact coarse sandy glacial sediments *Augered from 98 cmbs *Terminated at auger refusal in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
22	39	0–17: 7.5YR 3/2; loam; clear basal contact 17–39: 2.5Y 6/3; compact glacial clay through 10 cm rounded cobbles *Terminated at depth in glacial*	No recovery
23	91	0–22: 7.5YR 3/2; loam and roots; clear basal contact 22–90: 7.5YR 5/4, tinting to 2.5Y 6/3 with depth; silty sand with minor clay and 5–10% 1–8 cm rounded gravel; clear basal contact 90–91: Compact unsampled gravel or pebble surface with groundwater seepage *Augered from 49 cmbs *Terminated due to inhibitive gravel density, presumed glacial sediment*	No recovery
24	40	0–17: 7.5YR 3/2; loose loam with roots; clear basal contact 17–36: 7.5YR 4/2; sandy loam with > 20% rounded gravel up to 6 cm; clear basal contact 36–40: 2.5Y 6/3; compact glacial clay to rounded cobbles, attempted auger from 40 cm *Terminated due to inhibitive cobbles in glacial*	No recovery
25	35	0–17: 7.5YR 3/2; loose loam and roots; gradual basal transition 17–35: 7.5YR 3.5/2 to 7.5YR 4/2, tinting with depth; sandy loam with > 20% cobbles up to at least 6 cm *Terminated due to inhibitive cobbles*	No recovery
26	86	0–15: 7.5YR 4/1; loam; messy basal contact 15–65: 7.5YR 4/4; sandy loam with up to 15 cm rounded gravel and cobbles; clear basal contact 65–86: 2.5Y 6/3; wet glacial silt through 7 cm rounded gravel and cobbles of unknown size *Augered from 55 cmbs *Terminated due to inhibitive cobbles*	5 cmbs: Modern black plastic trash bag fragment
27	43	0–21: 7.5YR 3/1; gravelly loam with a 23 cm subrounded cobble; clear basal contact 21–43: 2.5Y 7/3; compact glacial clay through 25 cm rounded cobbles; soil is plastic even when relatively dry *Terminated at depth in glacial sediment*	5 cmbs: Temporally non-diagnostic paper and white plastic debris within top

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
28	95	0–16: 10YR 3/3; loose sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 16–45: 10YR 4/3; very loose fine sandy loam; clear basal contact 45–55: 10YR 5/6; loose sandy loam with 10% 3–10 cm rounded gravel; gradual basal transition 55–95: 10YR 5/4; compact glacial sediments with 15% 5–12 cm rounded cobbles *Terminated due to refusal in glacial sediment*	20–40 cmbs: Temporally non-diagnostic black plastic trash bag containing trash
29	75	0–19: 7.5YR 4/1; loam; slightly messy basal contact 19–55: 7.5YR 4/4; sandy loam with up to 8 cm rounded gravel; clear basal contact 55–75: 2.5Y 6/3; compact glacial clay through 8 cm rounded gravel and cobbles of unknown size *Augered from 52 cmbs *Terminated due to inhibitive cobbles*	No recovery
30	80	0–25: 10YR 3/3; loose clumpy sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 25–60: 10YR 6/1; loose to soft sandy loam with 10% 3–5 cm rounded gravel; gradual basal transition 60–80: 10YR 5/4; compact glacial sediments with 15% 3–10 cm rounded gravel *Terminated due to auger refusal in glacial sediment*	No recovery
31	70	0–17: 7.5YR 4/1; loam and roots; messy basal contact 17–60: 7.5YR 4/4; sand and up to 6 cm gravel with silt; clear basal contact 60–70: 2.5Y 6/3; compact glacial clay through 10 cm pebbles and cobbles of unknown size *Augered from 50 cmbs *Terminated due to inhibitive cobbles*	No recovery
32	110	0–5: 10YR 2/2; wet clumpy sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 5–80: 10YR 5/4; loose sandy loam with 10% 3–7 cm rounded gravel; clear basal transition 80–110: 10YR 6/3; compact clayey loam with 5% 3–5 cm rounded gravel *Augered from 100 cmbs *Terminated at depth in standing water*	No recovery
33	62	0–51: 7.5YR 4/2; loam with up to 15 cm cobbles and many roots; clear basal contact 51–62: 2.5Y 6/3; compact glacial clay through 8 cm gravel and cobbles of unknown size *Augered from 48 cmbs *Terminated due to inhibitive cobbles*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
34	70	0–60: 10YR 2/2; loose to compact sandy loam with 5% 3–5 cm rounded gravel and large roots; clear basal contact 60–70: 10YR 5/3; compact glacial sediments with 15% 3–12 cm rounded to subangular cobbles *Terminated due to inhibitive cobbles and roots*	No recovery
35	62	0–10: 7.5YR 3/1; humic layer; gradual basal transition 10–52: 7.5YR 3/2; organics–rich, slightly sandy loam with < 10% gravel and pebbles and thick roots; clear basal contact 52–62: 7.5YR 4/4; sandy loam with < 10% rounded gravel and thick tree roots *Augered from 45 cmbs *Terminated due to inhibitive tree roots*	No recovery
36	90	0–12: 10YR 2/2; loose sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 12–30: 10YR 4/6; compact sandy loam with 10% 3–5 cm rounded gravel; gradual basal transition 30–90: 10YR 5/3; compact coarse sand with 15% 5–10 cm rounded gravel *Terminated due to inhibitive cobbles*	No recovery
37	74	0–15: 7.5YR 3/2; loam and roots; messy basal contact 15–55: 7.5YR 4/4; sandy loam with up to 15 cm rounded cobbles; clear basal contact 55–74: 2.5Y 6/3; compact glacial clay through 15 cm rounded cobbles *Augered from 57 cmbs *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
38	85	0–57: 10YR 2/2; loose, very cobbly sandy loam with 15% 3–5 cm rounded gravel and 10–15+ cm rounded pebbles; clear basal contact 57–85: 10YR 5/3; wet clayey loam with 15% 5–10 cm rounded gravel *Terminated due to auger refusal below groundwater*	No recovery
39	42	0–14: Gray gravelly sandy loam with rounded clasts up to 6 cm in diameter, likely weathered glacial deposits; gradual basal transition 14–42: 2.5Y 6/2; somewhat compact but mostly loose and nonplastic very fine sand through 15 cm rounded cobbles, likely glacial outwash *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
40	75	0–38: 10YR 2/2; loose clayey loam with 10% 3–5 cm rounded gravel; clear basal contact 38–50: 10YR 6/3 to 10YR 5/3, shading with depth; moderately compact sandy loam with 10% 3–10 cm rounded gravel; gradual basal transition 50–75: 10YR 5/3; compact sandy loam with 15% 3–10 cm rounded gravel *Terminated due to auger refusal*	No recovery
41	24	0–20: 7.5YR 3/2; loam, groundwater seepage below 5 cmbs; fill to 25+ cmbs; clear basal contact 20–24: Wet light brown silt through rounded cobbles of unknown size, probably glacial; attempted auger from 22 cmbs, lack of retrieval *Terminated due to sidewall collapse and lack of retrieval in standing water*	No recovery
42	25	0–25: 10YR 5/2; 70% 1–3 cm and 5–10 cm angular to rounded gravel fill with a coarse sand matrix; froundwater seepage; fill to 42 cmbs *Terminated due to inhibitive cobbles in standing water*	No recovery
43	53	0–5: 7.5YR 3/1; gravelly loam; gradual basal transition 5–42: 2.5Y 6/2; compact gravel fill with asphalt chunks up to 23 cmbs; clear basal contact 42–53: 7.5YR 4/4; sandy loam and wood fragments with sparse rounded gravel; attempted auger from 52 cmbs *Terminated due to refusal on large cobble*	No recovery
44	40	0–30: 10YR 5/1; compact 70% 3–10 cm angular gravel fill with a coarse sand matrix; fill and concrete to 40+ cmbs; groundwater seepage; clear basal contact 30–40: 10YR 3/1; very compact sandy loam with 30% 3–7 cm rounded gravel *Terminated at concrete blockage in standing water*	No recovery
45	25	0–25: 2.5Y 6/2; compact gravel fill, groundwater seepage below 20 cmbs; fill to 25+ cmbs *Terminated due to compact gravel and standing water*	No recovery
46	30	0–10: 10YR 5/1; compact 70% 3–10 cm angular gravel fill with a coarse sand matrix; fill to 30+ cmbs; clear basal contact 10–30: Black, very compact 3–5 cm angular gravel fill with a coarse sand matrix *Terminated due to inhibitive fill density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
47	80	0–30: 10YR 5/1; compact 70% 3–10 cm angular gravel fill with a coarse sand matrix; fill to 30 cmbs; clear basal contact 30–70: 10YR 3/1; compact sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 70–80: 10YR 5/3; compact sandy glacial sediments with 15% 3–10 cm angular to rounded gravel *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
48	30	0–10: 10YR 2/2; loose wet clayey loam with 3% gravel; clear basal contact 10–30: 10YR 5/3; very compact wet glacial sediments with 15% rounded to angular gravel *Terminated at depth in glacial sediment*	No recovery
49	36	0–15: 7.5YR 4/4; loam and grass roots; imported topsoil to 15 cmbs; clear basal contact 15–36: 2.5Y 7/4; compact glacial clay to 14 cm rounded cobbles *Terminated at depth in glacial sediment*	No recovery
50	45	0–25: 10YR 2/2; loose wet clayey loam with 3% gravel; clear basal contact 25–45: 10YR 5/4; very compact glacial sediments with 15% rounded to angular gravel; groundwater seepage *Terminated at depth in glacial sediment*	No recovery
51	33	0–27: 7.5YR 4/4; wet loam and grass roots; imported topsoil to 27 cmbs; clear basal contact 27–33: 2.5Y 7/4; compact glacial clay through 10 cm cobbles, groundwater seepage below 28 cmbs *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
52	40	0–20: 10YR 2/2; loose wet clayey loam with 3% 3–5 cm rounded gravel; clear basal contact 20–40: 10YR 5/4; very compact sandy glacial sediments with 15% 3–7 cm rounded to angular gravel *Terminated at depth in glacial and standing water*	No recovery
53	39	0–27: Brown loam and grass roots with rounded cobbles up to 14 cm; imported topsoil to 27 cmbs; clear basal contact 27–39: 2.5Y 7/4; compact glacial clay to 20 cm rounded cobbles with slow groundwater seepage *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
54	60	0–15: 10YR 2/2; very loose sandy loam with 3% 3–7 cm rounded gravel; clear basal contact 15–20: 10YR 5/3; very loose fine sand; clear basal contact 20–60: 10YR 2/2; very loose sandy loam with 5% 3–5 cm rounded gravel *Terminated due to inhibitive boulder*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
55	100	0–90: 10YR 3/2; loose fine sand; clear basal contact 90–100: 10YR 5/3; very compact sandy glacial sediments with 15% 3–10 cm rounded gravel. *Augered from 90 cmbs *Terminated due to auger refusal in glacial sediment*	No recovery
56	42	0–12: Subangular clean gravel fill; fill to 42 cmbs; clear basal contact 12–42: 10YR 4/2; sandy loam fill with rounded gravel and cobbles up to 20 cm *Terminated due to inhibitive tree roots*	No recovery
57	60	0–60: 7.5YR 5/1, 7.5YR 6/1; compact sand and gravel fill with < 20 cm subangular to rounded cobbles and asphalt chunks; contains pockets of mostly clean medium to coarse sand; moderate groundwater seepage up to 50 cmbs; fill to 60+ cmbs *Terminated due to inhibitive cobble and standing water*	No recovery
58	80	0–20: 10YR 3/2; sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 20–40: 10YR 5/2; very compact coarse sandy loam with 18% 3–10 cm subrounded to subangular gravel; clear basal contact 40–80: 10YR 5/4; clayey loam with 5% 3–5 cm rounded gravel; groundwater seepage below 40 cmbs *Terminated due to sidewall collapse and infill*	No recovery
59	50	0–20: 10YR 2/2; loose humic layer with 5–10% 3–5 cm subrounded gravel and abundant roots; clear basal contact 20–50: 10YR 5/4; very wet loose loam with 5% 1–3 cm rounded gravel and 5% 5–10 cm rounded pebbles *Terminated due to sidewall collapse and infill*	No recovery
60	26	0–26: 7.5YR 4/3; loose brown gravelly loam and roots with rounded cobbles up to 18 cm in diameter; groundwater saturation and rapid seepage below 22 cmbs leading to sidewall collapse *Terminated due to sidewall collapse and infill*	No recovery
61	30	0–30: 7.5YR 4/3; loose brown gravelly loam and tree roots with rounded pebbles up to 12 cm diameter; groundwater saturation and rapid seepage below 24 cmbs leading to sidewall collapse; small oil slicks on pooled groundwater *Terminated due to sidewall collapse and infill*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
62	73	0–22: 5YR 3/2; brown loam with abundant rounded gravel and cobbles up to 18 cm in diameter; clear basal contact 22–73: 5Y 6/3; beige clayey silt with minor sand; fine sediments are fairly clean near the top with < 15% rounded 1 cm gravel increasing to > 25% rounded 16 cm cobbles; soil is highly plastic when wet, contains minimal iron staining next to some clasts; very slow groundwater seepage up to 72 cmbs *Terminated due to inhibitive cobbles*	No recovery
63	50	0–50: 10YR 5/3; compact coarse sandy loam with 15% 3–5 cm rounded gravel and 10–12 cm rounded cobbles *Terminated due to inhibitive cobbles*	No recovery
64	85	0–35: 10YR 2/2; clumpy loose wet loam with 10% rounded 3–5 cm gravel; clear basal contact 35–85: 10YR 5/4; compact wet sandy loam with 15% rounded 3–10 cm gravel *Augered from 14 cmbs *Terminated due to refusal*	No recovery
65	57	0–20: 10YR 3/4; loam with small subrounded gravel; clear basal contact 20–30: 10YR 5/6; clayey loam with gravel and small pebbles; gradual basal transition 30–57: 10YR 4/6; silty sand with abundant subrounded gravel and pebbles *Terminated at depth in glacial sediments*	No recovery
66	70	0–20: 10YR 2/2; loose wet loam with 10% angular 3–5 cm gravel; fill; clear basal contact 20–50: 10YR 5/2; compact coarse sandy loam with 10% rounded to angular 3–10 cm gravel; mixed fill and disturbed glacial; clear basal contact 50–70: 10YR 5/3; compact coarse sandy loam with 15% subrounded to subangular 3–10 cm gravel *Augered from 50 cmbs *Water table at 50 cmbs *Terminated due to refusal in glacial sediment*	No recovery
67	45	0–25: 10YR 3/4; loam with small subrounded gravel; clear basal contact 25–45: 10YR 4/6; silty sands with abundant subrounded to angular pebbles and cobbles *Terminated at depth in glacial sediment*	No recovery
68	110	0–110: 10YR 6/1; coarse sand with 20% rounded 1–7 cm gravel *Terminated due to refusal*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
69	30	0–10: 10YR 3/4; loam with small subrounded gravel; clear basal contact 10–30: 10YR 4/6; saturated silty sands with subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
70	60	0–30: 10YR 2/2; sandy loam with 10% rounded 3–8 cm gravel; clear basal contact 30–60: 10YR 4/3; clayey loam with > 3% rounded 1–3 cm gravel and groundwater *Terminated due to refusal*	No recovery
71	50	0–20: 10YR 3/4; loam with small subrounded gravel; gradual basal transition 20–30: 10YR 4/6; loam with no gravel; gradual basal transition 30–50: 10YR 4/6; silty sands with subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
72	80	0–10: 10YR 2/2; loose humic loam with 5% rounded 3–5 cm gravel; clear basal contact 10–55: 10YR 4/3; compact medium to fine sand with 10% rounded 3–5 cm gravel; clear basal contact 55–80: 10YR 5/3; silty loam with 15% subangular 5–7 cm gravel *Augered from 55 cmbs *Terminated due to refusal in glacial sediment*	No recovery
73	35	0–20: 10YR 3/4; loam with small subrounded gravel; clear basal contact 20–35: 10YR 4/6; silty sands with subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
74	35	0–5: 10YR 3/4; loam with small subrounded gravel; clear basal contact 5–35: 10YR 4/6; silty sands with subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
75	60	0–10: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel; clear basal contact 10–50: 10YR 5/3; compact sandy loam with 10% subangular to rounded 3–10 cm gravel 50–60: 10YR 2/4; sandy loam with 5% rounded gravel and roots *Terminated due to refusal on roots*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
76	75	0–1.3: 10YR 2/2; humic loam with 5–10% rounded 3–8 cm gravel; clear basal contact 1.3–50: 10YR 5/3; silty sandy loam with 15% subangular to rounded 5–7 cm gravel; gradual basal transition 50–75: 10YR 5/3; silty loam with > 3% rounded gravel *Augered from 50 cmbs *Terminated at depth in glacial with auger refusal*	No recovery
77	40	0–20: 10YR 3/4; loam with small subrounded gravel and many small roots; gradual basal transition 20–40: 10YR 4/6; clay through sand with subrounded pebbles and cobbles and many roots *Terminated at depth in glacial, on inhibitive root*	No recovery
78	80	0–40: 10YR 3/2; slightly sticky gravelly sandy loam with common rounded to subrounded pebbles and small cobbles; gradual basal transition 40–50: 10YR 4/4; fravelly sandy loam with common rounded to subrounded pebbles and small cobbles 50–70: 5YR 4/4; saturated, possibly burnt sandy silt with abundant subrounded to subangular pebbles 70–80: 2.5Y 6/2; silty sand outwash with abundant subrounded to subangular pebbles *Augered from 65 cmbs *Terminated due to hole collapse from groundwater*	No recovery
79	30	0–10: 10YR2/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–30: 10YR 5/3; very compact coarse sandy loam with 15% subrounded 5–10 cm gravel *Terminated due to refusal at depth in glacial sediment*	No recovery
80	40	0-10 10YR 3/4; Silt loam with no gravels; gradual boundary 10–20: 10YR 4/6; Silty sandy loam with some subrounded pebbles; abrupt boundary 20–40: 10YR 6/3; sandy claayey loam with abundant subrounded to angular gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
81	45	0–45: 10YR 2/2; wet sandy loam with 5% rounded 3–5 cm gravel. *Terminated in groundwater*	No recovery
82	30	0–3: 10YR 3/4; loam; gradual basal transition 3–13: 10YR 4/6; sandy loam; clear basal contact 13–30: 10YR 6/3; sandy clayey loam with abundant subrounded to angular gravel and cobbles; groundwater at 25 cmbs *Terminated in groundwater within glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
83	40	0–10: 10YR 2/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–40: 10YR 2/2; wet sandy loam and coarse sands with 5% rounded gravel and 5% wood chips; standing water at 10 cmbs; fill *Terminated in groundwater*	No recovery
84	60	0–5: 10YR 2/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 5–15: 10YR 5/2; compact sandy loam with 15% subrounded gravel; disturbed glacial; clear basal contact 15–50: 10YR 2/2; loose sandy loam with 5% rounded gravel and 5% woodchips; fill; clear basal contact 50–60: 10YR 5/2; very compact sandy loam with 15% subrounded 5–10 cm gravel *Terminated due to refusal in glacial sediment*	No recovery
85	30	0–30: 10YR 3/4; saturated, slightly compact sandy loam with some subrounded gravels and cobbles; standing groundwater near 30 cmbs *Terminated in groundwater with sidewall collapse*	No recovery
86	40	0–25: 10YR 3/4; sandy loam with no gravel; gradual basal transition 25–35: 10YR 4/6; sandy, clayey loam with small subrounded gravel; gradual basal transition 35–40: 10YR 6/3; compact sandy, clayey glacial loam with subrounded gravel to large cobbles *Terminated due to refusal in glacial sediment*	No recovery
87	80	0–80: 10YR 2/2; normally graded sandy loam with 5–15% rounded 3–7 cm gravel; water at 20 cmbs *Terminated due to refusal in groundwater*	No recovery
88	50	0–10: 10YR 2/2; sandy loam with 10% rounded 3–5 cm gravel; clear basal contact 10–50: 10YR 5/2; compact, wet coarse sandy loam with 15% subrounded 3–7 cm gravel *Terminated at depth in glacial sediment with standing water*	No recovery
89	60	0–30: 10YR 3/4; loam with some subrounded gravel and cobbles; clear basal contact 30–32: 10YR 4/6; pocket of clayey loam with no gravel; clear basal contact 32–60: 10YR 3/4; loam with some subrounded gravel and cobbles; groundwater near 60 cmbs *Terminated in groundwater with sidewall collapse*	No recovery
90	40	0–40: 10YR 3/4; loam with subrounded gravel and cobbles; groundwater near 40 cmbs *Terminated in groundwater with sidewall collapse*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
91	30	0–30: 10YR 3/4; sandy loam with subrounded gravel and cobbles; groundwater at 30 cmbs *Terminated in groundwater with sidewall collapse*	No recovery
92	50	0–50: 10YR 3/4; sandy loam with some subrounded gravel and cobbles; groundwater at 50 cmbs *Terminated in groundwater with sidewall collapse*	No recovery
93	40	0–5: 10YR 3/4; loam with no gravel; clear basal contact 5–7: 10YR 3/1; charcoally brown loam with abundant small, subrounded gravel; no significant charcoal fragments; clear basal contact 7–40: 10YR 4/6; clayey glacial loam with subrounded gravels and small cobbles *Terminated at depth in glacial sediment*	No recovery
94	40	0–5: 10YR 3/4; loam, no gravel; gradual basal transition 5–40: 10YR 4/6; silty clay loam with small subrounded gravel and some cobbles, many moderately thick roots *Terminated due to refusal on roots*	No recovery
101	30	0–30: 10YR 2/2; loose wet coarse sandy loam with 15% rounded 3–10 cm gravel; standing water at 5 cmbs *Terminated in standing water*	No recovery
102	50	0–50: 10YR 2/2 and 2/1; saturated sandy loam with 10% rounded 3–10 cm gravel, 10% wood detritus, > 3% charcoal; standing water by 15 cmbs *Terminated in standing water*	No recovery
103	80	0–15: 10YR 3/2; humic silty sand with common rounded to subrounded pebbles and many salal roots; gradual basal transition 15–55: 10YR 5/4; sandy silt with common to abundant rounded to subrounded pebbles and cobbles; gradual basal transition 55–80: 2.5Y 6/2; sandy silt outwash with abundant rounded to subrounded pebbles and cobbles *Terminated at depth in glacial sediment*	No recovery
104	60	0–10: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel and roots; clear basal contact 10–60: 10YR 5/4; loose cobbly coarse sandy loam with 15% rounded 5–10 cm gravel *Terminated due to refusal on cobbles*	No recovery
105	70	0–20: 10YR 2/2; sandy loam with 10% rounded 3–5 cm gravel and many roots; clear basal contact 20–70: 10YR 5/4; loose very cobbly coarse sandy loam with 15% rounded 3–5 cm gravel, 7+ cm cobbles, one 40 cm boulder from 30 to 70 cm depth *Terminated due to refusal on cobbles*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
106	80	0–10: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–80: 10YR 3/6 to 4/3 with depth; nonplastic sandy loam with 10% subrounded 3–7 cm gravel *Terminated due to refusal on rocks*	No recovery
112	21	0–10: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 10–21: 10YR 4/6; clayey loam with abundant subrounded gravel and cobbles, roots *Terminated due to inhibitive root*	No recovery
113	75	0–25: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 25–60: 10YR 5/1; loose sandy loam with 10% subrounded to subangular 3–7 cm gravel; patches of 10YR 6/4, possibly cedar roots; clear basal contact 60–75: 10YR 5/2; very compact sandy loam with 15% subrounded 5–10 cm gravel *Terminated due to refusal on cobbles*	No recovery
114	60	0–10: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 10–60: 10YR 4/6; clayey loam with abundant subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
115	70	0–20: 10YR 2/2; loose humic sandy loam with 7% rounded 3–7 cm gravel 20–40: 10YR 5/1; moderately compact sandy loam with 10% subrounded 3–10 cm gravel 40–70: 10YR 5/3; very compact sandy loam with 15% subrounded 3–10 cm gravel *Terminated at depth in glacial sediment*	No recovery
116	60	0–5: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 5–60: 10YR 4/6; clayey loam with some subrounded gravel, sparse subrounded cobbles, and a tree root *Terminated due to inhibitive root at depth in glacial*	No recovery
117	85	0–10: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–85: 10YR 6/2; somewhat plastic sandy loam with 7% subangular 3–7 cm gravel *Terminated in groundwater*	No recovery
118	95	0–25: 10YR 3/2; loose sandy loam with 15% rounded 1–3 cm gravel; clear basal contact 25–95: 10YR 6/3; clayey loam with 10% subangular to angular 3–7 cm gravel *Terminated due to refusal on cobbles, in groundwater*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
119	57	0–10: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 10–57: 10YR 5/6; saturated clayey loam with abundant subrounded gravel and some small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
120	32	0–2: 10YR 3/4; loam with no gravel, tree debris on top; clear basal contact 2–32: 10YR 5/6; wet clayey loam with some subrounded gravel and small cobbles *Terminated due to inhibitive root at depth in glacial sediment*	No recovery
121	70	0–10: 10YR 2/2; humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–55: 10YR 4/3; Loose silty loam with 5% rounded 1–3 cm gravel and > 3% rootburn charcoal; clear basal contact 55–70: 10YR 5/3; very compact sandy loam with 10% subrounded 5–7 cm gravel *Terminated due to refusal in glacial*	No recovery
122	57	0–5: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 5–10: 10YR 5/6; wet clayey loam with some subrounded gravel and small cobbles 10–57: 10YR 4/6; clayey loam with some small subrounded gravel and tree roots *Terminated due to inhibitive root at depth in glacial sediment*	No recovery
123	90	0–2: 10YR 2/2; humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 2–30: 10YR 5/3; compact sandy loam with 15% rounded 3–7 cm gravel; disturbed glacial; clear basal contact 30–55: 10YR 6/1; loose sandy loam with 20% rounded 3–10 cm gravel; disturbed; clear basal contact 55–90: 10YR 4/2; compact, wet clayey loam with 5% rounded 3–10 cm gravel *Terminated in groundwater*	No recovery
124	43	0–15: 10YR 3/4; loam with tree debris, no gravel; gradual basal transition 15–43: 10YR 5/6; wet clayey loam with abundant subrounded gravel to medium cobbles, large root at 43 cmbs *Terminated due to inhibitive roots in glacial sediment*	No recovery
125	50	0–35: 10YR 4/2; sandy loam with abundant rounded to subrounded pebbles and many tree roots; groundwater at 30 cmbs; gradual basal transition 35–50: 2.5Y 6/2; sandy silt outwash with abundant rounded to subangular pebbles and cobbles *Terminated due to inhibitive cobbles and wall collapse*	0–10 cmbs: Temporally non-diagnostic blue metal fragment

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
126	20	0–20: 10YR 3/4; loam with some small to large subrounded gravel; groundwater at 30 cmbs *Terminated in groundwater with sidewall collapse*	No recovery
128	55	0–15: 10YR 2/2; loose somewhat plastic loam with 5% rounded 3–5 cm gravel; clear basal contact 15–25: 10YR 5/4; loose loam with 3% rounded 3–5 cm gravel; clear basal contact 25–40: 10YR 5/2; loose sandy loam with 3% rounded 3–5 cm gravel; clear basal contact 40–55: 10YR 6/3; wet sandy loam with 5% rounded 3–5 cm gravel; water at 50 cmbs *Terminated in standing water*	No recovery
135	70	0–26: 7.5YR 3/3; loose sandy loam and humic layer with < 5% rounded to subrounded 1 cm gravel; clear basal contact 26–70: 10YR 4/6; compact but noncohesive sandy loam with 30% subangular to rounded 1–19 cm gravel and cobbles *Terminated due to inhibitive cobbles*	No recovery
136	100	0–20: 10YR 2/2; loose humic loam with 5% rounded 3–7 cm gravel; clear basal contact 20–80: 10YR 4/4; loose sandy loam with 5% subrounded 3–10 cm gravel and 5% subrounded 12–15 cm cobbles; clear basal contact 80–100: 10YR 5/2; loose coarse sand with 10% subrounded to subangular 3–7 cm gravel *Terminated at target depth*	No recovery
137	20	0–20: 10YR 2/2; loam with abundant medium roots, no gravel *Terminated inhibitive medium root density*	No recovery
138	40	0–5: 10YR 2/2; humic loam with sparse medium tree roots and no gravel; clear basal contact 5–40: 10YR 5/6; loam with abundant subrounded gravel and medium to large rounded cobbles; compact at base *Terminated at depth in glacial sediment*	No recovery
143	100	0–84: 7.5YR 4/3; sandy loam with wood fragments and 10–20% subangular to rounded 0.5–15 cm gravel and cobbles; contains clearly defined pockets of 2.5Y 7/1 compact but non-cohesive silty sand and < 2 cm rounded to subangular gravel; disturbed native and mixed fill; clear basal contact 84–100: 2.5Y 6/4; wet clayey silt with 10% sand and minor gravel to cobbles; slow groundwater seepage below 98 cmbs *Terminated at target depth*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
144	84	0–15: 2.5Y 7/1; loamy angular gravel fill; clear basal contact 15–33: 10YR 3/2; sandy loam with 15–20% angular to subrounded 0.3–6 cm gravel; fill; gradual basal transition 33–78: 7.5YR 5/6; compact sandy loam with 20–25% subangular to rounded gravel, cobbles, and a 23+ cm boulder; lower boundary marked by dark band of organic–rich material; fill/disturbed; clear basal contact 78–84: 2.5Y 6/4; compact silt through rounded 12 cm pebbles and cobbles *Terminated due to inhibitive cobbles*	No recovery
145	65	0–5: 10YR 4/2; clayey loam with 10% gravel; clear basal contact 5–25: 10YR 5/2; coarse sandy fill with 10% angular to subangular 3–7 cm gravel; fill; clear basal contact 25–45: 10YR 4/4; coarse sandy loam with 5% subrounded 3–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 45–65: 10YR 5/3; coarse sandy loam with 10% subangular 3–10 cm gravel *Terminated at depth in glacial sediment*	5–25 cmbs: Modern plastic landscape sheeting
146	100	0–30: 10YR 4/2; loose clayey loam with 5% subrounded 3–7 cm gravel; clear basal contact 30–60: 10YR 4/4; loose silt with 7% subrounded to subangular 3–7 cm gravel; clear basal contact 60–100: 10YR 5/3; loose outwash(?) silt with 10% subrounded to subangular 3–12 cm gravel and pebbles *Terminated at target depth*	No recovery
147	67	0–25: 10YR 3/2; sandy loam with 15% angular to subrounded 0.3–8 cm gravel and an 18 cm diorite cobble; fill; gradual basal transition 25–44: 7.5YR 5/6; sandy loam with 15% angular to subrounded 0.3–10 cm gravel and small cobbles; fill; clear basal contact 44–67: 2.5Y 6/4; firm clayey silt with 15% sands and 5–10% rounded < 1.5 cm gravel *Terminated at depth in glacial sediment*	No recovery
148	30	0–25: 10YR 3/2; wet loose loam with 3% subrounded 3–5 cm gravel; gradual basal transition 25–30: 10YR 3/2; saturated loam with 3% subrounded 3–5 cm gravel; groundwater seepage *Terminated on inhibitive angular cobble in standing water*	No recovery
149	50	0–30: 10YR 4/2; clayey loam with 5% rounded 7–10 cm pebbles; clear basal contact 30–50: 10YR 5/2; very compact coarse sandy loam with 15% subrounded 3–10 cm gravel and pebbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
150	70	0–28: 2.5Y 7/3; 30% rounded < 20 cm cobbles in firm, highly plastic clayey silt; probably slumped fill material from adjacent slope; clear basal contact 28–70: 2.5Y 6/4; clay through 15 cm pebbles; wet with slow groundwater seepage below 62 cmbs; highly plastic *Terminated in standing water in glacial sediment*	No recovery
151	30	0–5: 10YR 4/4; soft loam with some small subrounded gravel and cobbles and many fine rootlets; clear basal contact 5–30: 10YR 6/6; compact glacial silt through large subrounded and subangular cobbles *Terminated at depth in glacial sediment*	No recovery
152	40	0–20: 10YR 3/3; clayey loam wih abundant subrounded gravel and cobbles, many roots 20–40: 10YR 6/4; compact clay with abundant subrounded gravel *Terminated due to inhibitive soil density*	No recovery
153	100	0–25: 10YR 3/2; sandy loam with 15% angular 3–10 cm gravel and concrete fragments; fill; clear basal contact 25–50: 10YR 4/3; sandy loam with 10% subrounded to angular 3–10 cm gravel; clear basal contact 50–55: 10YR 4/6; silt with 15% angular 3–5 cm gravel; clear basal contact 55–100: 10YR 4/3; sandy loam with 10% subrounded to angular 3–10 cm gravel *Terminated at target depth*	No recovery
154	67	0–19: 7.5YR 5/4; sandy loam with 20% subrounded to rounded 0.3–7 cm gravel; fill; gradual basal transition 19–67: 2.5Y 7/3; compact sand and 35% rounded to subrounded 0.3–10 cm gravel fill *Terminated due to inhibitive gravel and cobbles*	No recovery
155	100	0–10: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel 10–70: 10YR 3/3; loose silty loam with 5% subrounded 3–10 cm gravel 70–100: 10YR 4/4; loose silt with 10% subrounded to angular 3–10 cm gravel *Terminated at target depth*	No recovery
156	50	0–30: 10YR 3/2; clayey loam with 5% subrounded 3–7 cm gravel; clear basal contact 30–50: 10YR 3/2; saturated clayey loam with 5% subrounded 3–7 cm cobbles *Terminated on inhibitive cobbles in standing water*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
157	100	0–5: 10YR 2/2; loose clayey loam with 3% rounded 3–5 cm gravel; clear basal contact 5–30: 10YR 3/3; silty loam with 5% rounded 3–5 cm gravel; clear basal contact 30–35: 10YR 4/4; silt with 5% rounded 3–5 cm gravel; clear basal contact 35–100: 10YR 3/3; silty loam with 5% rounded 3–5 cm gravel *Terminated at target depth*	No recovery
158	62	0–56: 7.5YR 3/2; soft loam with 10% rounded to subangular 0.3–6 cm gravel, a 20 cm subangular cobble, and large roots; clear basal contact 56–62: 2.5Y 6/4; hard, compact silt through 18 cm cobbles; generally non–plastic and noncohesive *Terminated due to inhibitive cobbles in glacial sediment*	No recovery
159	45	0–30: 10YR 3/2; clayey loam with 5% rounded 3–5 cm gravel; clear basal contact 30–45: 10YR 5/3; very compact coarse sandy loam with 15% subangular 3–10 cm gravel *Terminated in glacial sediment*	No recovery
160	50	0–30: 10YR 4/2; loam with 5% subrounded 3–7 cm gravel; gradual basal transition 30–50: 10YR 6/1; wet compact silt with 5–7% rounded 3–10 cm gravel *Terminated due to inhibitive cobbles*	No recovery
161	53	0–53: 2.5Y 7/3; compact sandy gravel fill with large tree roots and small rounded cobbles up to 14 cm in diameter; fill *Terminated due to inhibitive gravel cobbles*	No recovery
162	68	0–5: 10YR 3/2; loam with roots and 5% rounded 3–5 cm gravel; clear basal contact 5–68: 10YR 6/2 grading to 6/1; coarse sandy loam with 15% subrounded 3–13 cm gravel and cobbles; groundwater seepage at 50 cmbs *Terminated on inhibitive cobbles*	No recovery
163	58	0–58: 7.5YR 3/2; soft loam, plastic when wet. Moderate groundwater seepage below 52 cmbs *Terminated in standing water*	No recovery
164	50	0–20: 10YR 3/2; loam with roots and 5% rounded 3–5 cm gravel; clear basal contact 20–50: 10YR 6/2; coarse sandy loam with 15% subrounded 3–13 cm gravel and cobbles; groundwater seepage at 50 cmbs *Terminated on inhibitive cobbles*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
165	50	0–15: 7.5YR 3/2; loamy sand and gravel; gradual basal transition 15–50: 7.5YR 5/4; compact sand and rounded 0.3–14 cm gravel and cobbles with minor silt; probably fill *Terminated due to inhibitive gravel and cobbles*	No recovery
166	48	0–14: 7.5YR 3/2; loamy sand and rounded 0.3–5 cm gravel with roots; gradual basal transition 14–48: 7.5YR 5/4; compact sand and 35% rounded 0.3–13 cm gravel and small cobbles; fill *Terminated due to inhibitive cobbles*	0–14 cmbs: Temporally non-diagnostic 12 cm curved fragment of clear, unleaded 2/16" glass (n=1), possibly from large bottle
167	58	0–18: 7.5YR 3/2; loamy sand and 0.3–25 cm subrounded gravel and cobbles with roots; gradual basal transition 18–54: 7.5YR 5/4; compact sand and 35% subrounded to rounded 0.3–13 cm gravel and small cobbles; fill; clear basal contact 54–58: 2.5Y 6/4; compact silt to rounded 8 cm gravel; dry and nonplastic *Terminated in glacial sediment due to inhibitive gravel*	No recovery
168	60	0–10: 10YR 2/2; humic loam with sparse medium blackberry roots and no gravel; clear basal contact 10–60: 10YR 5/6; loam with abundant subrounded gravel and some small cobbles *Terminated at depth in glacial sediment*	No recovery
169	70	0–20: 10YR 2/2; loam with sparse small roots, no gravel; clear basal contact 20–70: 10YR 5/6; increasingly sandy silt with abundant subrounded gravel and some small cobbles; compact at base *Terminated at depth in glacial sediment*	No recovery
170	63	0–24: 7.5YR 3/3; loose sandy loam with 10% rounded 0.5–5 cm gravel; clear basal contact 24–63: 7.5YR 5/4; loose very fine to fine and coarse to very coarse sands with 15–20% subangular to rounded 0.5–10 cm gravel and small cobbles; outwash? *Terminated due to inhibitive cobbles*	No recovery
171	70	0–10: 10YR 2/2; loam with sparse small roots and no gravel; gradual basal transition 10–70: 10YR 5/6; sandy loam grading to wet dense sandy silty clay with abundant subrounded gravel and sparse large cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
172	50	0–36: 7.5YR 3/3; loose sandy loam and modern trash with 5–10% subangular to rounded 0.5–7 cm gravel; clear basal contact 36–50: 7.5YR 5/4; loose very fine to fine and very coarse sand with 15–20% subangular to rounded 0.5–12 cm gravel *Terminated due to inhibitive roots*	0–36 cmbs: Crushed modern soda can and plastic drink bottle label
173	30	0–10: 10YR 3/4; compact loam with abundant angular gravel and few medium tree roots; fill; clear basal contact 10–30: 10YR 5/6; compact silty sand with abundant angular gravel layers *Terminated due to inhibitive compact gravels*	No recovery
174	67	0–19: 7.5YR 3/2; loamy rounded to angular 0.3–3 cm gravel fill with roots; fill; gradual basal transition 19–67: 7.5YR 5/4; sandy gravel fill and roots with a rounded 25 cm boulder; fill *Terminated due to inhibitive root below boulder*	No recovery
175	50	0–10: 10YR 3/4; loam with abundant angular gravel and some medium tree and blackberry roots; fill; clear basal contact 10–50: 10YR 5/6; silty sand with abundant angular to subangular gravel; compact layer at base. *Terminated due to inhibitive compact gravels*	No recovery
176	55	0–18: 7.5YR 3/2; loamy gravel fill and roots; gradual basal transition 18–55: 2.5Y 6/3; compact sandy subangular to rounded 0.3–7 cm gravel fill *Terminated due to inhibitive gravel density*	No recovery
177	30	0–10: 10YR 3/4; loam with abundant medium angular gravel; fill; clear basal contact 10–30: 10YR 5/6; very compact sandy silt with abundant angular to subangular gravel *Terminated inhibitive compaction in glacial sediment*	No recovery
178	95	0–68: Mixed 10YR 5/2 and 6/2; moderately sticky sandy loam with abundant subrounded to subangular pebbles and small cobbles; many roots from 0–40 cm; clear basal contact 68–85: 10YR 4/2 with light 6/6 mottling; moderately sticky loam with abundant subrounded to subangular pebbles and small cobbles; gradual basal transition 85–95: 10YR 7/2 and 6/6; clayey loam with abundant rounded to subrounded pebbles and small cobbles *Terminated due to refusal on cobbles*	0–10 cmbs: Modern red plastic flashlight

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
179	45	0–22: 7.5YR 3/2; compact sandy gravel fill with 35–40% angular to subrounded 0.5–20 cm gravel and cobbles; fill; clear basal contact 22–45: 2.5Y 6/4; very compact silt through 17 cm rounded to subrounded cobbles; hard and brittle at top but becomes somewhat malleable with depth *Terminated due to inhibitive cobbles*	No recovery
180	40	0–30: 10YR 4/4; very compact sandy loam with abundant angular to subangular gravel; clear basal contact 30–40: 10YR 5/6; wet very compact sandy clayey loam with subrounded to rounded gravel and medium to large cobbles *Terminated due to breaker bar refusal; inhibitive compaction*	0–25 cmbs: Temporally non-diagnostic off-white piece of ceramic tile utility flooring (6 by 0.5 cm); fragment of acrylic or milk glass (1.7 by 0.4 cm) temporally non-diagnostic fragments (n = 2) of patterned debris (2 cm by 1 mm and 1 cm by 1 mm) 25–30 cmbs: Temporally non-diagnostic off-white pieces (n = 5) of utility ceramic tile flooring; temporally non-diagnostic nail; temporally non-diagnostic fragments (n = 2) clear window glass; temporally non–diagnostic pieces (n = 5) of unidentifiable material and large brick piece in sidewall
181	43	0–15: 7.5YR 3/2; compact sandy loam with 15% rounded to angular 0.3–18 cm gravel and cobbles; disturbed and possibly artificially compacted; gradual basal transition 15–43: 7.5YR 5/6, grading to 2.5Y 7/3 by 27 cm; very compact silt through 12 cm rounded pebbles; hard on top but more workable with depth, non-plastic *Terminated due to inhibitive gravel density at depth in glacial sediment*	1 cmbs: Temporally non-diagnostic fabric cloth fabric (n=1)
182	58	0–10: 7.5YR 3/2; sandy loam with 20–30% rounded to subrounded 0.3–10 cm gravel; clear basal contact 10–28: Dipping W or WSW to 40 cmbs, 5YR 4/4 and 5/8; compact very fine sand through 12 cm rounded to subrounded gravel; generally hard and somewhat brittle; slanted basal contact; recompacted cut-and-fill material from elsewhere on property; gradual basal transition 28–58: 2.5Y 7/8; compact very fine sand through 13 cm rounded to subrounded gravel; slightly malleable but hard *Terminated due to inhibitive gravel in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
183	50	0–20: 10YR 3/4; loam with some small subangular gravel and abundant small to medium roots; clear basal contact 20–50: 10YR 5/6; slightly compact clay through sand with abundant subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
184	45	0–17: 10YR 2/2; humic loam with some large subangular gravel and abundant fine roots; clear basal contact 17–34: 10YR 4/4 and 5/8; wet very compact sandy loam with abundant angular to subangular gravel; fill; gradual basal transition 34–45: 10YR 5/6; damp clay through sand with abundant subrounded gravel and cobbles; oxidized patches from root burn; noncultural charcoal at 37 cm from root burn *Terminated due to refusal in glacial sediment*	No recovery
185	76	0–56: 7.5YR 3/2; compact loamy sand and gravel fill, rounded to subrounded up to 10 cm; fill; clear basal contact 56–76: 2.5Y 7/3; soft but compact silt with 15–20% fine to very fine sand, 5–10% rounded to subrounded 1–8 cm gravel *Terminated at depth in glacial sediment*	20–40 cmbs: Temporally non–diagnostic modern white plastic fragment (1 by 1.2 cm)
186	64	0–30: 10YR 4/4 and 5/8; wet sandy loam with abundant angular to subangular gravel and medium to large cobbles; fill; gradual basal transition 30–64: 10YR 5/6; damp clay through sand with abundant subrounded gravel and cobbles; oxidized patches from rootburn; noncultural root burn charcoal stain at 60 cm (7 cm long) *Terminated at depth in glacial sediment*	10–15 cmbs: Temporally non-diagnostic cement/pebble style flooring with caulking on back side (10 cm long by 3 cm thick) (n=1)
187	21	0–17: 2.5Y 5/1; loose angular gravel surfacing and roots; fill; clear basal contact 17–21: 5YR 4/6; very compact sandy rounded 2–5 cm gravel fill *Terminated on inhibitive compact gravels*	No recovery
188	42	0–12: 7.5YR 3/2; compact loamy gravel, mostly rounded to subrounded 0.5–10 cm; fill; gradual basal transition 12–35: 7.5YR 5/4; sandy loam with 20% rounded to subrounded 0.3–8 cm gravel and one 17 cm rounded cobble; clear basal contact 35–42: 2.5Y 7/4; compact silt and sand through 10 cm subrounded to rounded gravel; malleable but nonplastic *Terminated due to inhibitive gravel density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
189	32	0-8: 7.5YR 3/2; sandy loam, 30 percent 0.3-8 cm gravels; gradual transition 8–32: 2.5Y 7/4; hard, non-plastic sand with many dense pebbles *Terminated due to inhibitive gravel density at depth in glacial sediment*	No recovery
190	50	0–50: 10YR 4/4; very compact silty sand with abundant angular gravel and subangular to subrounded cobbles *Terminated due to breaker bar refusal; inhibitive compaction*	No recovery
191	55	0–10: 7.5YR 3/2; loose sandy loam with ~15% rounded 0.3–2 cm gravel; clear basal contact 10–55: 7.5YR 4/4; hard, compact sandy loam with 20–25% rounded to subrounded 0.3–14 cm gravel and cobbles, 1.5 cm tree roots; no innate cohesion when dry; compacted cut-and-fill *Terminated on inhibitive cobbles*	No recovery
192	55	0–27: 7.5YR 3/2; sandy loam with 10% rounded to subrounded 0.7–4 cm gravel; clear basal contact 27–55: 2.5Y 7/8; soft but compact silt through fine sand with 10% rounded to subangular 0.3–1 cm gravel, < 5% 4–6 cm gravel, and trace clay; malleable but barely plastic when dry *Terminated at depth in glacial sediment*	No recovery
193	45	0–45: 7.5YR 3/2; fully saturated gravelly loam with sparse charcoal at 40 cmbs *Terminated on inhibitive cobbles*	No recovery
194	40	0–30: 10YR 2/2; wet humic loam with small subrounded gravel and some medium roots; clear basal contact 30–40: 10YR 4/6; wet compact glacial clay through large subrounded gravel *Terminated at depth in glacial sediment*	No recovery
195	50	0–30: 10YR 2/2; wet humic loam with small subrounded gravel and some medium roots; clear basal contact 30–50: 10YR 4/6; glacial clay through large subrounded gravel *Terminated at depth in glacial sediment*	No recovery
196	35	0-20: 7.5YR 2.5/1; loose topsoil with common pebbles 20-35: 10YR 4/4; saturated silts with some cobbles *Terminated at boulder impasse*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
197	71	0–22: 7.5YR 4/3; soft loam with roots and woody debris; clear basal contact 22–62: 7.5YR 4/3; moist, highly cohesive and plastic clayey silt; clear basal contact 62–68: 2.5Y 6/2 and 7.5YR 5/8; mottled, soft, slightly moist clay through very fine sand with 5% rounded 0.3–5 cm gravel; moderately cohesive and somewhat plastic; clear basal contact 68–71: 2.5Y 6/4; wet compact clay through 6 cm rounded gravel with groundwater seepage *Terminated in standing water with inhibitive soil density*	No recovery
198	60	0–50: 10YR 3/4; loam with some subangular gravel and cobbles, one small subangular boulder, and medium roots; gradual basal transition 50–60: 10YR 4/6; compact glacial clay through large subrounded gravel *Terminated at depth in glacial sediment*	No recovery
199	77	0–20: 10YR 3/2; loosely consolidated silty sand with abundant rounded to subrounded pebbles and grass roots; clear basal contact 20–55: 10YR 4/4; moderately compact silty sand with abundant rounded to subrounded gravel and small cobbles; gradual basal transition 55–77: 10YR 6/2; sandy silt with abundant rounded to subrounded cobbles *Terminated due to inhibitive cobbles at depth in glacial sediment*	No recovery
200	75	0–20: 10YR 3/2; loose loam with 20% rounded pebbles; some charcoal flecks 20–75: 107R 6/3; compact, but cohesive, sand (construction fill); some rounded, subrounded, and subangular pebbles and cobbles Broken concrete and groundwater; clear basal contact *Terminated due to boulder*	0-20 cmbs: Temporally non-diagnostic green tile fragments (n=3), modern plastic sheeting fragment (n=1), temporally non-diagnostic colorless bottle base fragment (n=1)
201	65	0–40: 10YR 6/6; wet sandy, clayey glacial loam with abundant subrounded to subangular gravel and occasional subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
202	65	0–44: 7.5YR 5/8 to 5/3; hard, very compact sand and angular to rounded gravel fill mixed with pockets of firmer sand and silt; clear basal contact; few charcoal fragments 44–65: 2.5Y 6/2; compact, moderately cohesive and plastic silt through 13 cm rounded pebbles *Terminated at depth in glacial sediment*	0–20 cmbs: Temporally non-diagnostic decayed 1/8” thick leather patch (n=1), rusted round-head nail (n=1), smooth-faced brick fragments (n=1),

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
203	75	0–56: 7.5YR 5/8 to 5/3; hard, very compact sand and angular to rounded gravel fill mixed with pockets of firm, slightly cohesive but nonplastic loam and pockets of silt through 0.5 cm rounded to subrounded gravel; charcoal fragments; from 40–56 cmbs, sand-sized charcoal grains and multiple 10+ cm charcoal chunks; clear basal contact 56–75: 2.5Y 6/2; compact, slightly cohesive and slightly plastic very fine sand and minor silt through 13 cm rounded pebbles *Terminated at depth in glacial sediment*	No recovery
204	80	0–30: 10YR 5/3 mixed with 4/2; wet compact silty clay with abundant large subrounded gravel and few fine rootlets; clear basal contact 30–40: 10YR 6/4; very compact sandy loam with subangular gravel and large subrounded cobbles; gradual basal transition 40–80: 10YR 4/6; wet compact glacial clay through large subrounded gravel *Terminated at depth in glacial sediment*	20–30 cmbs: Temporally non-diagnostic pieces of painted wood (n = 3) (8 by 3 by 1 cm, two 0.5 by 1.5 cm); broken piece of black leather-like material (4 cm by 1 mm)m (n=1) 30–40 cmbs: Temporally non–diagnostic clear unmarked window glass fragments (n = 7)
205	21	0–12: 2.5Y 6/1; wet angular 0.3–5 cm gravel fill; clear basal contact 12–21: 2.5Y 6/3; dry, hard, and very compact sand and angular to rounded 0.3–5 cm gravel fill *Terminated due to inhibitive gravel density*	No recovery
206	70	0–50: 10YR 4/3; sandy loam with 10% subangular 3–5 cm gravel; clear basal contact 50–70: 10YR 2/2; wet sandy loam with 10% subangular 3–5 cm gravel; groundwater seepage to 65 cmbs *Terminated in standing water*	No recovery
207	75	0–25: 10YR 3/2; clayey loam with 5% rounded 3–5 cm gravel; clear basal contact 25–55: 10YR 4/6; sandy loam with 5% rounded 1–3 cm gravel, 5% subangular 5–7 cm gravel, and 5% charcoal fragments; gradual basal transition 55–70: 10YR 3/6; wet sandy loam with 5% rounded 1–3 cm gravel, 5% subangular 5–7 cm gravel, and 5% charcoal fragments; clear basal contact 70–75: 2.5Y 5/3; wet sandy loam with 5% subangular 3–5 cm gravel; groundwater seepage to 70 cmbs *Terminated in standing water*	No recovery
208	40	0–20: 10YR 4/4; wet loam with some small subrounded gravel and large roots; clear basal contact 20–40: 10YR 6/6; damp compact glacial silt through subrounded cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
209	85	0–50: 10YR 4/2; sandy loam with 10% subangular 3–5 cm gravel; clear basal contact 50–85: 2.5Y 4/4; increasingly compact sandy glacial loam with 10% subangular to subrounded 3–5 cm gravel; large root on north side from 50 to 65 cm *Terminated at depth in glacial sediment*	No recovery
210	31	0–31: 10YR 4/4; wet loam with some small subrounded gravel and very large roots *Terminated on inhibitive large root*	No recovery
211	42	0–12: 10YR 2/2; compact wet humic loam with abundant angular to subangular gravel and many fine roots; fill; clear basal contact 12–24: 10YR 6/8; silty sand with abundant subangular to subrounded gravels and occasional subrounded cobbles; gradual basal transition 24–42: 10YR 6/6; sandy clayey glacial loam with abundant subrounded gravel and occasional subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
212	64	0–30: 10YR 4/2 mixed with 10YR 6/2; silty sand and angular to rounded gravel construction fill with cobbles; clear basal contact 30–45: 10YR 5/2; sandy silt with abundant rounded to subangular pebbles and cobbles; appears to be disturbed B horizon; gradual basal transition 45–64: 10YR 6/2; glacial silt through rounded to subangular cobbles *Terminated at depth in glacial sediment*	20–30 cmbs: Temporally non-diagnostic undecorated white earthenware ceramic fragment (n=1) 30–40 cmbs: Temporally non-diagnostic brick fragments (n = 5); white flooring tile fragment (n=1)
213	58	0–38: 7.5YR 5/4; loose, moderately compact sand and rounded to angular 0.3–8 cm gravel fill; clear basal contact 38–58: 2.5Y 6/4; compact but workable and moderately plastic glacial silt through rounded 15 cm cobbles *Terminated at depth in glacial sediment*	No recovery
214	62	0–2: 10YR 3/6; forest duff; clear basal contact 2–30: 10YR 4/4; soft loam with some small rounded gravel and abundant small to medium roots; clear basal contact 30–58: 10YR 3/6; loam with subrounded gravel and cobbles, some rootlets; gradual basal transition 58–62: 10YR 6/6; glacial silt through large subrounded cobbles *Terminated on inhibitive cobble in glacial sediment*	No recovery
215	50	0–30: 10YR 4/2; sandy loam with 15% subrounded 3–10 cm gravel; clear basal contact 30–50: 10YR 3/6; compact sandy glacial loam with 15% subrounded to subangular 3–15 cm gravel and cobbles *Terminated at depth in glacial on inhibitive cobbles*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
216	66	0–30: 10YR 4/4; loam with some small subrounded gravel and many small roots; clear basal contact 30–50: 10YR 5/6; loam with abundant subrounded gravel and fine rootlets; gradual basal transition 50–66: 10YR 6/6; glacial silt through large subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
217	40	0–20: 10YR 3/2; sandy loam with 10% subrounded 3–5 cm gravel; clear basal contact 20–40: 10YR 3/6; compact sandy glacial loam with 15% subrounded to subangular 3–15 cm gravel and cobbles, one boulder *Terminated at depth in glacial on inhibitive boulder*	No recovery
218	65	0–20: 10YR 2/1; moist loam with 5% subrounded 3–5 cm gravel 20–35: 10YR 3/3; loose coarse sandy loam with 10% subrounded to subangular 3–5 cm gravel and 5% subangular 7–12 cm cobbles; fill 35–65: 10YR 5/3; glacial sandy loam with 15% subrounded 3–15 cm gravel *Terminated at depth in glacial sediment*	No recovery
219	50	0–24: 10YR 4/4; loam with some small subrounded gravel and cobbles and many fine rootlets; clear basal contact 24–50: 10YR 6/6; dry compact glacial clay through medium subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
220	65	0–10: 10YR 3/1; loose clayey loam with 5% rounded 3–7 cm gravel; clear basal contact 10–15: 10YR 4/2; charcoal and burnt wood mixed in coarse sand and angular gravel fill; clear basal contact 15–40: 10YR 5/3; compact coarse sandy loam with 3% charcoal dust and 5% subangular 3–7 cm gravel; contains a large lense of 10YR 6/1 compact silt from 10 to 25 cmbs and 10YR 4/6 clayey silt from 25 to 30 cmbs, both tapering out; clear basal contact 40–65: 10YR 5/3; glacial sandy loam with 10% subangular 3–7 cm gravel *Terminated at depth in glacial sediment*	10–15 cmbs: Temporally non-diagnostic roof conglomerate fragment (2.5” by 2”), fragments (n = 2) white porcelain (2.5” by 1” by 0.25”, 0.5” by 0.25” by 0.25”), white ceramic floor tile fragment (2.25” by 1.5” by 0.5”), fragments (n = 3) plastic (2.25” by 2” by 0.5”, two 1” by 1” by 0.5”), faunal bone (1” by 0.5” by 0.5”), white plastic flakes (n = 2, 1” by 0.5”), diamond head nail (2.5” length), melted white glass fragments (n = 2) (1” by 1” by 0.5”, 0.5” by 0.75” by 0.1”), flat white glass fragments (n = 5); brick fragments (n = 5) with green tops (3 by 3 by 3 cm)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
221	50	0–25: 10YR 6/4; loam with some subrounded gravel and many small roots; gradual basal transition 25–37: 10YR 5/3 mixed with 4/2; silty clay with subrounded gravel and cobbles; fill; gradual basal transition 37–50: 10YR 4/6; compact glacial clay through large subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
222	61	0–20: 10YR 3/2 mixed with 10YR 6/2; silty sand and angular to rounded gravel construction fill with cobbles; clear basal contact 20–40: 10YR 5/4; disturbed silty sand with abundant rounded to subangular pebbles and cobbles; appears to be disturbed B horizon; gradual basal transition 40–61: 10YR 6/2; glacial silt through rounded to subangular cobbles *Terminated at depth in glacial sediment*	0–10 cmbs: Temporally non-diagnostic clear flat glass fragment 0–30 cmbs: Sheet plastic fragments (n = 3–5)
223	42	0–35: 10YR 3/4; wet humic loam with small subrounded gravel and cobbles and many small roots; gradual basal transition 35–42: 10YR 4/1; very compact silty sand and gravel fill *Terminated in inhibitive fill*	No recovery
224	100	0–100: 10YR 4/6; loose medium sand with 15% rounded 3–5 cm gravel and 5% rounded 10–12 cm cobbles; fill *Terminated at target depth*	No recovery
225	80	0–30: 10YR 2/2; wet humic loam with small subrounded gravel and many small roots; gradual basal transition 30–80: 10YR 4/6; compact glacial silt through small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
226	45	0–45: 10YR 3/2; loose medium sand with 15% rounded to subangular 3–5 cm gravel and 5% rounded to subrounded 10–12 cm cobbles *Terminated on inhibitive cobbles*	0–45 cmbs: Temporally non-diagnost glass (n-3) and plastic (n=3 fragments
227	75	0–5: 10YR 2/2; humic duff; clear basal contact 5–50: 10YR 4/3; medium to coarse sandy loam with 20% subrounded 3–5 cm gravel; clear basal contact 50–75: 10YR 4/4; compact coarse sand with subrounded to subangular 1–5 cm gravel *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
228	80	0–35: 10YR 2/2; loose sandy loam with 10% rounded 3–5 cm gravel and roots; clear basal contact 35–80: 10YR 5/2; very loose silty fine to medium sands with 15% subrounded to subangular 1–7 cm gravel, 3% subrounded 10–15 cm cobbles, and roots *Terminated on inhibitive cobbles*	No recovery
229	65	0–15: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel; clear basal contact 15–50: 10YR 4/4; medium sand with 15% subrounded to subangular 3–5 cm gravel and 5% subangular 10–15 cm cobbles; clear basal contact 50–65: 10YR 3/3; coarse alluvial sands with 25% rounded 1–7 cm gravel *Terminated due to sidewall collapse*	0–15 cmbs: Modern trash
230	60	0–35: 10YR 4/3; loose medium to coarse sandy loam with 10% subrounded 3–7 cm gravel; clear basal contact 35–60: 10YR 4/4; compact coarse sand with 10% subrounded to subangular 3–10 cm gravel and 10% rounded 12–20 cm cobbles *Terminated at depth in glacial sediment*	No recovery
231	40	0–7: 10YR 2/2; humic loam with small to medium subrounded gravel and many small roots; gradual basal transition 7–40: 10YR 4/6; compact glacial silt through small subrounded cobbles with some noncultural rootburn charcoal *Terminated at depth in glacial sediment*	No recovery
232	40	0–20: 10YR 2/2; wet humic loam with small subrounded gravel and many small roots; gradual basal transition 20–40: 10YR 4/6; compact glacial silt through small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
233	40	0–20: 10YR 2/2; wet humic loam with many small roots and some small to medium subangular gravel; gradual basal transition 20–40: 10YR 4/6; sandy glacial loam with abundant subrounded gravels to cobbles *Terminated at depth in glacial sediment*	No recovery
234	40	0–10: 10YR 2/2; wet humic loam with many small roots and some small to medium subangular gravel; gradual basal transition 10–40: 10YR 4/6; sandy glacial loam with abundant subrounded gravels to cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
235	40	0–25: 10YR 2/1; humic loam with 5% rounded 3–5 cm gravel; ~3% 3–10 cm concrete fragments; clear basal contact 25–35: 10YR 4/2; coarse sandy loam with 10% subrounded 1–3 cm gravel and roots *Terminated on inhibitive roots*	No recovery
236	40	0–10: 10YR 2/2; wet humic loam with small subrounded gravel and many small roots; gradual basal transition 10–40: 10YR 4/6; compact glacial silt through small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
237	30	0–5: 10YR 2/2; clayey loam with 10% subrounded to subangular 3–10 cm gravel; clear basal contact 5–20: 10YR 5/2; lens of compact clay, tapering out; clear basal contact 20–30: 10YR 3/3; clayey loam with 10% subrounded to subangular pebbles and small cobbles; clear basal contact 30–50: 10YR 5/4; very compact coarse sand with 15% subangular to subrounded 3–5 cm gravel *Terminated on inhibitive cobble*	No recovery
238	65	0–35: 10YR 3/3; wet clayey loam with 10% rounded 3–7 cm gravel; clear basal contact 35–65: 10YR 6/1 spotted with 6/8; alluviated glacial clayey silt with 3% angular 3–5 cm gravel *Terminated at depth in alluviated glacial sediment*	No recovery
239	55	0–15: 10YR 2/2; clayey loam with 8% subrounded 3–5 cm gravel; clear basal contact 15–35: 10YR 4/3; sandy loam with 10% subrounded 3–7 cm gravel; clear basal contact 35–55: 10YR 6/3; alluvialed glacial clayey silt with 10% angular 3–7 cm gravel *Terminated at depth in alluviated glacial sediment*	No recovery
240	50	0–10: 10YR 2/2; humic loam with many small roots and some small subrounded gravel; gradual basal transition 10–50: 10YR 4/6; glacial silt through small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
241	46	0–20: 10YR 2/2; wet humic loam with small subrounded gravel and many small roots; gradual basal transition 20–46: 10YR 4/6; compact glacial silt through small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
242	42	0–10: 10YR 2/2; damp humic loam with many small roots and some small subrounded gravel; gradual basal transition 10–42: 10YR 5/6; glacial silt through small subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
243	65	0–20: 10YR 3/2; disturbed silty sand and rounded to angular gravel fill, including crushed aggregate road gravel; fill; clear basal contact 20–45: 10YR 6/4; sandy silt with moderate to abundant rounded to subangular pebbles and small cobbles; gradual basal transition 45–65: 10YR 6/2; glacial silt through rounded and subrounded cobbles *Terminated at depth in glacial on inhibitive cobbles*	No recovery
244	72	0–10: 10YR 4/2 and 10YR6/2; very compact silty sand and gravel construction fill; clear basal contact 10–45: 10YR 5/2; sandy silt with abundant rounded to subangular pebbles and cobbles; appears to be disturbed B horizon; gradual basal transition 45–72: 10YR 6/2; glacial silt through rounded to subangular cobbles *Terminated at depth in glacial sediment*	No recovery
245	40	0–20: 10YR 2/2; clayey sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 20–30: 10YR 4/4; coarse sand with 10% subrounded to subangular 1–7 cm gravel; clear basal contact 30–40: 10YR 5/3; glacial silt through 7 cm subangular to subrounded gravel *Terminated on inhibitive cobbles in glacial till*	No recovery
246	30	0–20: 10YR 2/2; wet clayey humic loam with 10% rounded 3–10 cm gravel and many roots; clear basal contact 20–30: 10YR 5/3; glacial silt through 12 cm subrounded to subangular cobbles *Terminated on inhibitive cobbles in glacial till*	No recovery
247	45	0–25: 10YR 2/2; loose sandy humic loam with 5% subrounded 3–5 cm gravel; clear basal contact 25–45: 10YR 5/4; glacial silt through 15 cm subrounded to subangular cobbles *Terminated at depth in glacial sediment*	No recovery
248	40	0–20: 10YR 2/2; loose sandy humic loam with 7% subrounded 3–5 cm gravel; clear basal contact 20–40: 10YR 5/4; glacial silt through 12 cm subrounded to subangular cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
249	40	0–10: 10YR 2/2; tree duff with small roots; clear basal contact 10–40: 10YR 4/6; sandy glacial loam with abundant subrounded gravel *Terminated at depth in glacial sediment*	No recovery
250	60	0–30: 10YR 4/4; sandy silt with common rounded to subrounded pebbles and small cobbles, many small tree roots; gradual basal transition 30–40: 10YR 5/8; sandy silt with common rounded to subrounded pebbles and small cobbles, few small tree roots; gradual basal transition 40–60: 10YR 6/3; glacial sandy loam with abundant rounded to subrounded pebbles and cobbles. *Terminated at depth in glacial sediment*	No recovery
251	50	0–5: 10YR 2/2; loose humic loam; clear basal contact 5–30: 10YR 3/4; fine to medium sand with 15% rounded 1–4 cm gravel; clear basal contact 30–50: 10YR 4/3; compact glacial silt through 15 cm subrounded cobbles *Terminated at depth in glacial sediment*	No recovery
252	65	0–20: 10YR 3/4; fine to medium sand with 15% rounded 1–4 cm gravel; disturbed; clear basal contact 20–25: 10YR 4/3; compact glacial silt through 15 cm subrounded cobbles; disturbed; clear basal contact 25–65: 10YR 3/4; fine to medium sand with 15% rounded 1–4 cm gravel; disturbed *Terminated on inhibitive cobbles*	No recovery
253	39	0–39: 10YR 4/3; loosely consolidated silty sand with common rounded and subrounded pebbles and small cobbles; many tree roots at all depths *Terminated due to inhibitive roots and cobbles*	No recovery
254	60	0-60: Construction fill (no native sediments) *Terminated at large root*	No recovery
255	40	0–3: 10YR 2/2; humic debris; clear basal contact 3–20: 10YR 4/3; loose sandy loam with 10% subrounded to rounded 3–10 cm gravel and pebbles; clear basal contact 20–40: 10YR 5/4; very compact coarse sandy loam with 15% subangular 3–7 cm gravel *Terminated at depth in glacial sediment*	No recovery
256	90	0–20: Dark brown organic–rich loam with many rootlets 20–62: Light brown fine sandy loam with abundant rounded to subrounded gravel and cobbles 62–90: Gray fine sandy loam with abundant rounded to subrounded pebbles and cobbles; roots at base of probe *Terminated on inhibitive root*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
257	75	0–20: 7.5YR 2.5/1 to 4/1; humic layer and loam with 40% rounded 0.3–2.5 cm gravel; gradual basal transition 20–75: 7.5YR 5/6; loose sandy loam with 15–20% rounded 0.3–23 cm gravel and cobbles; Large tree roots at 42, 60 cmbs *Augered from 48 cmbs *Terminated on inhibitive cobbles and roots*	At surface: Temporally non-diagnostic bottomless iron bucket with remnant white paint
258	60	0–10: 10YR 3/3; duff transitioning into loam with roots; gradual basal transition 10–60: 10YR 5/8; loam with abundant subrounded gravel and small to medium cobbles; contains many roots *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
259	114	0–30: 10YR 2/2; loose humic clayey loam with 10% rounded 3–5 cm gravel; clear basal contact 30–80: 10YR 4/4; loose medium–coarse sand with 10% rounded 1–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 80–114: 10YR 5/3; very compact clay through 7 cm subrounded gravel *Augered from 80 cmbs *Terminated due to auger refusal*	No recovery
260	73	0–20: 7.5YR 2.5/1 to 4/1; humic layer and loam with 40% rounded 0.3–2.5 cm gravel; gradual basal transition 20–65: 7.5YR 5/6; loose sandy loam with 15–20% rounded 0.3–23 cm gravel and cobbles; Large tree roots at 42, 60 cmbs; clear basal contact 65–73: 2.5Y 6/4; compact silt through 10+ cm rounded to subangular gravel *Augered from 57 cmbs *Terminated due to inhibitive soil density*	0–20 cmbs: Temporally non-diagnostic rusted iron fragments (n = 3, 4 by 5 by 0.2 cm)
261	62	0–10: 10YR 3/3; duff transitioning into loam with roots; gradual basal transition 10–52: 10YR 5/8; soft loam with abundant subrounded gravel and some small roots; gradual basal transition 52–62: 10YR 5/4; compact glacial silt through large subrounded gravel *Terminated in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
262	93	0–25: 10YR 3/2; loose clayey humic loam with 5% subrounded 3–5 cm gravel; clear basal contact 25–70: 10YR 5/4; coarse sand with 20% subrounded to subangular 3–15 cm gravel and cobbles and 3% rootburn charcoal; clear basal contact 70–93: 10YR 5/3; silty sand with 10–20% clay, 10% subrounded to subangular 1–3 cm gravel, and 10% subrounded 7–10 cm cobbles *Augered from 70 cmbs *Terminated due to auger refusal*	No recovery
263	92	0–18: 2.5Y 4/1; loam with many rootlets 18–69: 1.5Y 5/1; loam with moderate rounded to subrounded gravel and cobbles 69–92: 10YR6/3; clay with sparse subrounded to rounded cobbles; attempted auger from 92 cmbs *Terminated on inhibitive rock*	No recovery
264	100	0–45: 10YR 2/2; clayey loam with 5% rounded 3–5 cm gravel; clear basal contact 45–100: 10YR 4/3 grading to 5/3; silty clay with 3% rounded 1–4 cm gravel and nodules of +1 chroma silt *Terminated due to refusal*	No recovery
265	60	0–20: 7.5YR 5/1 to 4/1; humic layer and loam with 25–30% fine rounded gravel and large tree roots; gradual basal transition 20–60: 7.5YR 5/6; loose sandy loam with 35% rounded to subangular 0.3–2 cm gravel and tree roots; moderate groundwater seepage below 53 cmbs *Terminated in standing water*	No recovery
266	100	0–10: 10YR 3/3; duff transitioning into loam with roots; clear basal contact 10–100: 10YR 7/4; saturated clay to silty clay with some subrounded gravel *Water table at 60 cmbs *Terminated at target depth*	No recovery
267	60	0–15: Dark brown loam and organic–rich duff with abundant rootlets 15–60: Gray saturated silty clay with gravel and cobbles; attempted auger from 60 cmbs *Terminated on inhibitive root*	No recovery
268	160	0–25: 10YR 2/2; clayey loam with 5% rounded 3–5 cm gravel 25–160: 10YR 5/3 grading to to 6/3; clay and silt with 3% rounded 1–3 cm gravel *Augered from 25 cmbs *Terminated on inhibitive cobble*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
269	142	0–142: 10YR 6/1 to 6/3, mottled with 7.5YR 5/6; undifferentiated cohesive, highly plastic silty clay to clayey silt with 10–20% coarse or medium sand; fully saturated with rapid groundwater seepage below 27 cmbs. *Augered from 33 cmbs *Terminated on inhibitive cobble*	No recovery
270	49	0–8: Dark brown organic–rich loam with many rootlets 8–49: Light brown loam with moderate gravel and cobbles, many roots *Terminated on inhibitive root*	No recovery
271	100	0–10: 10YR 3/3; duff transitioning into loam with roots; clear basal contact 10–100: 10YR 7/4; saturated clay to silty clay with some subrounded gravel *Water table at 60 cmbs *Terminated at target depth on cobbles*	No recovery
272	52	0–8: Dark brown organic-rich loam with large roots 8–52: Gray loam with moderate subrounded gravel and cobbles; attempted auger from 52 cmbs *Terminated on inhibitive roots*	No recovery
273	85	0–30: 10YR 2/2; clayey loam with 5% rounded 3–5 cm gravel 30–80: 10YR 5/3; clay and silt with 3% rounded 1–3 cm gravel 80–85: 10YR 5/3 grading to 4/4; coarse glacial sand and silt with 10% rounded 3–5 cm gravel *Augered from 80 cmbs *Terminated due to refusal in glacial sediment*	No recovery
274	80	0–17: 7.5YR 4/2; loose very sandy loam with 30% rounded to subangular 0.3–6 cm gravel; gradual basal transition 17–58: 7.5YR 5/4; loose assorted sands with 35% rounded to subangular 0.3–20 cm gravel and cobbles; clear basal contact 58–80: 2.5Y 6/4; compact, slightly cohesive but nonplastic glacial silt through 10 cm rounded to subangular pebbles *Terminated at depth in glacial sediment*	No recovery
275	69	0–35: 7.5YR 4/2; very sandy loam with 25–30% rounded to subangular 0.3–8 cm gravel; gradual basal transition 35–55: 7.5YR 5/4; loose assorted sands to 13 cm rounded to subangular gravel; clear basal contact 55–69: 2.5Y 6/4; compact, lightly cohesive but nonplastic glacial silt through 8 cm rounded to subangular gravel *Augered from 59 cmbs *Terminated on inhibitive cobble in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
276	93	0–12: 7.5YR 3/2; soft sandy loam with 30% rounded to subrounded 0.3–1 cm gravel and tree roots; gradual basal transition 12–60: 10YR 5/4; soft sandy loam with trace clay, 30% rounded to subrounded 0.3–20 cm gravel and cobbles, and tree roots; clear basal contact 60–73: 10YR 5/4; soft silty clay with trace coarse to very coarse sand, decayed charcoal fragments, and rounded to subangular gravel; clear basal contact 73–93: 2.5Y 6/4; compact but noncohesive glacial silt through 5 cm rounded to subangular gravel *Augered from 47 cmbs *Terminated at depth in glacial sediment*	No recovery
277	150	0–30: 10YR 2/2; humic clayey sand with 5% rounded 3–5 cm gravel; clear basal contact 30–70: 10YR 5/3; clay and silt with 10% rounded 3–5 cm gravel; gradual basal transition 70–100: 10YR 6/2 with nodules of 5/6; clay and silt with 10% rounded 3–5 cm gravel, reverse grading to 5% gravel; clear basal contact 100–140: 10YR 7/1; dry, fissile silt; clear basal contact 140–150: 10YR 5/2; clay; clear basal contact *Augered from 3 0 cmbs *Terminated on inhibitive gravel sediment*	No recovery
278	75	0–40: 10YR 3/3; saturated silty clay with large tree and blackberry roots; gradual basal transition 40–65: 10YR 5/8; saturated silty clay with some subrounded gravel and many small roots; gradual basal transition 65–75: 10YR 6/3; saturated clay with subrounded gravel and roots *Augered from 40 cmbs *Terminated on inhibitive root*	No recovery
279	50	0–8: Dark brown duff with abundant rootlets 8–45: Gray loam with abundant rounded to subrounded pebbles and cobbles and many rootlets 45–50: Gray compact glacial loam with abundant rounded to subrounded pebbles and cobbles *Terminated at depth in glacial sediment*	No recovery
280 AB33	78	0–10: Dark brown organics and duff with abundant rootlets 10–48: Gray loam with abundant rounded to subrounded pebbles and cobbles and many rootlets 48–78: Tan slightly compact glacial loam with abundant rounded to subrounded pebbles and cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
281 AB34	60	0–12: 10YR 3/3; loose humic sandy loam with 5% subrounded 1–5 cm gravel; clear basal contact 12–30: 10YR 4/4; medium fine sand with 7% subrounded 1–5 cm gravel and 3% rootburn charcoal; clear basal contact 30–40: 10YR 5/4; coarse glacial sand and sandy loam with 10% rounded to subrounded 1–10 cm gravel and 3% rounded 10–12 cm cobbles; clear basal contact 40–45: 10YR 1/1; charcoal from rootburn; clear basal contact 45–60: 10YR 5/4 and 6/4; coarse glacial sand with pockets of 10YR 6/4 fine glacial sand with 15% rounded 1–10 cm gravel and 5% rounded 10–15 cm cobbles *Terminated at depth in glacial sediment*	No recovery
282	85	0–35: 10YR 2/2; loose clayey sand with 5% rounded 1–5 cm gravel; clear basal contact 35–85: 10YR 5/3; very compact clay and silt with 3% subrounded 5–7 cm gravel; clear basal contact *Augered from 35 cmbs *Terminated on inhibitive gravel sediment*	No recovery
283	75	0–5: Brown duff and organic–rich loam with abundant rootlets; clear basal contact 5–35: Gray loam with abundant subrounded gravel and cobbles and many rootlets; clear basal contact 35–75: Gray silt with sparse rounded gravel *Augered from 35 cmbs *Terminated on inhibitive rock*	No recovery
284	60	0–40: 10YR 2/2; loose medium–coarse sand with 10% subrounded 1–7 cm gravel; clear basal contact 40–60: 10YR 5/3; clay and coarse sand with 15% subrounded to subangular 3–10 cm gravel and 5% subrounded 12–15 cm cobbles *Terminated on inhibitive cobbles*	No recovery
285	80	0–20: 10YR 2/2; sandy clayey silt with 5–10% subangular to subrounded 3–5 cm gravel; gradual basal transition 20–70: 10YR 5/2; loose clayey coarse sand with 10% subangular 3–10 cm gravel; clear basal contact 70–80: 10YR 5/3; compact coarse glacial sand with 15% subangular 3–10 cm gravel *Terminated in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
286 AB35	60	0–20: 10YR 3/2; duff transitioning into loam at 10 cmbs with moderate rounded and subrounded gravel; clear basal contact 20–40: 10YR 5/8; sandy silt with moderate rounded to subrounded gravel; gradual basal transition 40–60: 10YR 6/3; sandy silt with abundant subrounded to rounded gravel and small cobbles *Terminated at depth in glacial*	No recovery
287	50	0–14: 10YR 3/1; loam with sparse subrounded gravel and cobbles and many rootlets; gradual basal transition 14–48: 10YR 5/1; loam with abundant subrounded gravel and cobbles; gradual basal transition 48–50: 10YR 4/3; compact loam with abundant subrounded gravel and cobbles; attempted auger from 50 *Terminated on inhibitive rock in glacial*	No recovery
288	77	0–22: 10YR 4/2; loose sandy loam with 30% rounded to subangular 0.3–6 cm gravel; gradual basal transition 22–47: 10YR 5/4; loose assorted sands with 35% rounded to subangular 0.3–17 cm gravel and cobbles; clear basal contact 47–77: 10YR 6/4; compact, slightly cohesive but nonplastic glacial sand through 8 cm rounded to subangular pebbles with minor silt *Terminated at depth in glacial*	No recovery
289	55	0–35: 10YR 2/2; sandy loam with 5% subrounded 3–5 cm gravel, 5% rootburn charcoal from 30–35 cmbs, and roots; clear basal contact 35–55: 10YR 4/4 grading to 5/3; compact coarse sand with 10% rounded 1–5 cm gravel and 5% subrounded 10–13 cm cobbles *Terminated at depth in glacial*	No recovery
290	53	0–42: 7.5YR 4/2; loose sandy loam with 30% rounded to subangular 0.3–15 cm gravel and cobbles; clear basal contact 42–53: 2.5Y 5/3; compact, cohesive and moderately plastic clay through rounded cobbles *Terminated on inhibitive cobble*	No recovery
291	65	0–30: 10YR 2/2; sand and clay with 10% rounded 3–10 cm gravel 30–65: 10YR 5/3; clay and silt with 5% rounded 1–5 cm gravel; clear basal contact *Augered from 30 cmbs *Terminated on inhibitive gravel sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
292	60	0–18: 10YR 5/1; loam with abundant subrounded gravel and cobbles; gradual basal transition 18–60: 10YR 4/3; fine sandy loam with abundant rounded to subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
293	90	0–20: 10YR 2/2; sand and clay with 5% rounded 3–5 cm gravel and large roots; clear basal contact 20–90: 10YR 5/3 grading to 6/3; clay and silt with 5% rounded 1–4 cm gravel, reverse grading to clay; clear basal contact *Augered from 45 cmbs *Terminated on inhibitive gravel sediment*	No recovery
294	50	0–30: 10YR 2/2; clayey sand, 10% rounded 3–5 cm gravels, many roots 30–50: 10YR 5/3; clay and silt, 10% rounded 3–5 cm gravels, 5% rounded 1–2 cm gravels down to 5% rounded 10–12 cm cobbles *Terminated due to cobbles and glacial*	No recovery
295	47	0–22: 7.5YR 3/2; sandy loam with 30% rounded to subangular 0.3–10 cm gravel; gradual basal transition 22–47: 2.5Y 6/4; compact, cohesive, very plastic clay through 12 cm gravel. *Terminated at depth in glacial sediment*	No recovery
296	59	0–5: 10YR 2/1; duff and litter; clear basal contact 5–18: 10YR 5/1; silty loam with abundant subrounded gravel and cobbles, rootlets 18–59: 10YR 5/2; fine sandy loam with abundant subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery
297	60	0–12: 7.5YR 4/2; loose sandy loam with 20% rounded to subangular 0.3–5 cm gravel and tree roots; gradual basal transition 12–32: 10YR 5/3; soft, cohesive, plastic silty clay with tree roots; clear basal contact 32–48: 10YR 5/3; compact, dry, brittle silt; clear basal contact 48–60: 2.5Y 6/4; soft, dry, highly cohesive and plastic silty clay *Augered from 45 cmbs *Terminated on inhibitive cobble*	No recovery
298	63	0–14: 10YR 3/1; loam with sparse subrounded gravel and cobbles; clear basal contact 14–46: 10YR 5/1; loam with abundant subrounded gravel and cobbles; gradual basal transition 46–63: 10YR 5/2; fine sandy loam with abundant subrounded gravel and cobbles *Terminated at depth in glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
299	60	0–40: 10YR 3/3; clayey loam wih abundant subrounded gravel and cobbles, many roots; gradual basal transition 40–60: 10YR 6/4; clay with sparse subrounded gravel *Augered from 45 cmbs *Terminated due to inhibitive soil density*	No recovery
300	63	0–16: 10YR 4/2; soft loam; gradual basal transition 16–58: 10YR 5/3; compact, dry, brittle silt with trace rounded to subrounded 2–5 cm gravel; clear basal contact 58–63: 10YR 5/3; compact, cohesive, plastic clay through 5 cm rounded to subrounded gravel; relatively low on sand, rich in 1–3 cm gravel *Augered from 52 cmbs *Terminated due to inhibitive pebble density*	No recovery
301	110	0–14: 10YR 4/2; loam with roots and sparse subrounded pebbles and cobbles; gradual basal transition 14–47: 10YR 5/1; loam with abundant rounded to subrounded pebbles and cobbles; gradual basal transition 47–110: 10YR 5/1; silt with sparse subrounded gravel and pebbles *Terminated due to inhibitive rocks*	No recovery
302	91	0–15: 10YR 4/2; firm loam and roots; gradual basal transition 15–38: 10YR 5/3; compact dry, brittle silt with trace rounded to subrounded 2–5 cm gravel; stained with 5YR5/6 around charcoal fragments; scattered charcoal fragments; gradual basal transition 38–82: 10YR 5/3; firm, highly cohesive and plastic silty clay; clear basal contact 82–91: 10YR 5/4; compact, somewhat cohesive and slightly plastic silty sand, possible minor clay *Augered from 45 cmbs *Terminated on inhibitive pebbles or cobbles*	No recovery
303	106	0–13: 10YR 4/2; firm loam and roots; gradual basal transition 13–35: 2.5Y 5/3; firm, moderately cohesive but only slightly plastic clayey silt; gradual basal transition 35–105: 2.5Y 5/3; firm, highly cohesive and plastic silty clay; clear basal contact 105–106: 2.5Y 5/3; compact gravel and cobbles with unknown matrix *Augered from 50 cmbs *Terminated due to inhibitive cobbles*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
304	52	0–12: 10YR 4/2; loam with rootlets and sparse subrounded pebbles and cobbles; clear basal contact 12–42: 10YR 5/1; loam with abundant rounded to subrounded pebbles and cobbles; clear basal contact 42–52: 10YR 5/1; silty clay with sparse subrounded pebbles and cobbles *Augered from 52 cmbs *Terminated due to inhibitive root*	No recovery
305	45	0–25: 10YR 2/2; clay and sand with 5% subrounded 3–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 25–45: 10YR 5/3; compact clay and silt with 5% subrounded to subangular 1–5 cm gravel, 5% subrounded 10–12 cm cobbles, and roots *Terminated due to inhibitive roots*	No recovery
306	60	0–20: 10YR 2/2; clay and sand with 5% subrounded 3–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 20–40: 10YR 4/3; clay and silt with 10% subrounded 3–7 cm gravel; clear basal contact 40–60: 10YR 5/3; compact clay and silt with 5% subrounded to subangular 1–5 cm gravel, 5% subrounded 10–12 cm cobbles, and roots *Terminated at depth in glacial sediment*	No recovery
307	50	0–30: 10YR 2/2; clay and sand with 5% subrounded 3–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 30–50: 10YR 5/3; compact clay and silt with 5% subrounded to subangular 1–5 cm gravel, 5% subrounded 10–12 cm cobbles, and roots *Terminated at depth in glacial sediment*	No recovery
308	71	0–12: 7.5YR 4/2; firm loam; clear basal contact 12–70: 10YR 6/3; hard, compact, brittle silt with trace rounded 1–4 cm gravel and rootburn; clear basal contact 70–71: insufficient sample for color designation; compact, cohesive clay with many rounded pebbles *Terminated due to inhibitive soil density*	No recovery
309	60	0–26: 10YR 2/2; loam with abundant subrounded gravel and pebbles, many rootlets; clear basal contact 26–32: 10YR 3/3; coarse sandy loam with abundant subrounded gravel and cobbles; clear basal contact 32–60: 10YR 5/3; silty clay with sparse subrounded gravel *Terminated on inhibitive rock*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
310	49	0–27: 7.5YR 3/2; loose, noncohesive sandy loam with 25% rounded to angular 0.3–8 cm gravel; fill or slumped fill material; clear basal contact 27–49: 2.5Y 6/3; compact, brittle silt to very coarse sand with 15% rounded 0.3–7 cm gravel *Terminated at depth in glacial sediment*	No recovery
311	51	0–30: 10YR 2/2; clay and sand with 5% subrounded 3–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 30–50: 10YR 5/3; clay with 3% subrounded 3–5 cm gravel; clear basal contact 50–51: 10YR 5/3 and 4/4; compact clay and silt with 5% subrounded to subangular 1–5 cm gravel, 5% subrounded 10–12 cm cobbles, and roots *Terminated due to inhibitive soil density (glacial sediment)*	No recovery
312	60	0–20: 10YR 2/2; clay and sand with 5% subrounded 1–7 cm gravel; clear basal contact 20–60: 10YR 5/4 grading to 5/3; clay and sand with 5% subrounded 3–5 cm gravel, reverse graded into clay; clear basal contact *Terminated on inhibitive gravel layer, likely glacial sediment*	No recovery
313	30	0–10: 10YR 3/2; sandy loam with 5% subrounded 3–5 cm gravel; clear basal contact 10–30: 10YR 5/3; very compact coarse glacial sand with 5% rounded to subangular 1–7 cm gravel and 5% subrounded 10–12 cm cobbles *Terminated due to inhibitive soil compaction*	No recovery
314	50	0–30: 10YR 1/2; humic clay and sand with 5% rounded 3–5 cm gravel 30–50: 10YR 4/4 and 5/3; increasingly compact coarse sand with 10% subangular to subrounded 1–5 cm gravel and 5% rounded 10–12 cm cobbles *Terminated at depth in glacial on inhibitive root*	No recovery
315	64	0–20: 7.5YR 3/1; soft loam and roots; clear basal contact 20–57: 10YR 4/4; loose assorted sands with 20% rounded to subrounded 0.3–18 cm gravel and cobbles; clear basal contact 57–64: 2.5Y 6/4; compact glacial silt through 10 cm rounded to subangular gravel *Terminated due to inhibitive gravel density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
316	50	0–15: 10YR 1/2; humic clay and sand with 5% rounded 3–5 cm gravel 15–50: 10YR 4/4 and 5/3; increasingly compact coarse sand with 10% subangular to subrounded 1–5 cm gravel and 5% rounded 10–12 cm cobbles *Terminated at depth in glacial sediment*	No recovery
317	50	0–17: 7.5YR 3/1; soft loam with many roots; clear basal contact 17–50: 10YR 4/4; loose assorted sands with 25% rounded to subrounded 0.3–15 cm gravel and cobbles *Terminated on inhibitive root*	No recovery
318	45	0–10: 10YR 1/2; humic clay and sand with 5% rounded 3–5 cm gravel 10–25: 10YR 4/4; loose sand with 5–10% subrounded 3–5 cm gravel 25–45: 10YR 4/4 and 5/3; increasingly compact coarse sand with 10% subangular to subrounded 1–5 cm gravel and 5% rounded 10–12 cm cobbles *Terminated at depth in glacial sediment on inhibitive root*	No recovery
319	50	0–5: 10YR 2/1; litter and duff; clear basal contact 5–15: 10YR 3/3; loam with abundant subrounded gravel and pebbles, many rootlets; gradual basal transition 15–39: 10YR 4/2; fine sandy loam with abundant subrounded to subangular gravel and cobbles; gradual basal transition 39–50: 10YR 4/4; fine sandy loam with abundant subrounded to subangular gravel and cobbles *Terminated in glacial sediment*	No recovery
320	42	0–12: 10YR 3/3; loam with abundant subrounded gravel and pebbles, many rootlets; clear basal contact 12–42: 10YR 4/4; fine sandy loam with abundant subrounded to rounded gravel and cobbles *Terminated at depth in glacial*	No recovery
321	43	0–13: 10YR 3/1; loam with moderate subrounded gravel and cobbles, rootlets; clear basal contact 13–36: 10YR 3/3; fine sandy loam with abundant subrounded to subangular gravel and cobbles; clear basal contact 36–43: 10YR 5/4; compact fine sandy loam with abundant subrounded gravel and cobbles *Terminated in glacial sediment*	No recovery
322	44	0–5: 10YR 2/1; litter and duff 5–22: 10YR 3/1; loam with moderate subrounded gravel and cobbles, rootlets; gradual basal transition 22–44: 10YR 5/4; fine sandy loam with abundant subrounded to subangular gravel and cobbles *Terminated due to inhibitive rock and soil density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
323	33	0–7: 10YR 2/1; litter and duff; clear basal contact 7–19: 10YR 3/1; loam with many rootlets; gradual basal transition 19–33: 10YR 5/4; fine sandy loam with abundant subrounded to subangular gravel and cobbles *Terminated on inhibitive root*	No recovery
324	25	0–5: 10YR 2/1; litter and duff; clear basal contact 5–20: 10YR 3/1; loam with abundant subrounded gravel and cobbles, many rootlets; gradual basal transition 20–25: 10YR 5/4; fine sandy loam with abundant subrounded to subangular gravel and cobbles *Terminated due to inhibitive compaction*	No recovery
325	25	0–4: 10YR 2/1; litter and duff 4–25: 10YR 5/4; very compact fine sandy loam with abundant subrounded to subangular gravel and cobbles *Terminated due to refusal of breaker bar*	No recovery
326	52	0–19: 10YR 3/1; loam with many rootlets; gradual basal transition 19–52: 10YR 5/3; loam with abundant subrounded gravel and cobbles *Terminated on inhibitive rock*	No recovery
327	25	0–25: 10YR 4/2; dark grayish-brown silty loam, rootlets throughout, very saturated *Terminated in standing water*	No recovery
328	65	0–12: 10YR 2/2; clayey loam, loose with 5% rounded 3–5 cm gravels 12–40: 2.5 6/4 with spots of 10YR 5/8; clay and minor silt 40–65: 2.5 YR 6/4; coarse sand with 8% subangular gravel (3–5 cm) and 8% subangular–subrounded 10–12 cm cobbles; glacial *Terminated at glacial sediment*	No recovery
329	50	0–12: 7.5YR 3/2; soft loam with 25% 0.3–6 cm rounded to subangular gravel; clear basal contact 12–47: 10YR 6/3; compact, hard, brittle silt with trace rounded to subangular 1–4 cm gravel; clear basal contact 47–50: 10YR 6/4; compact, noncohesive glacial silt through 13 cm rounded to subangular gravel *Terminated due to inhibitive gravel density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
330	110	0–20: 7.5YR 4/2; firm loam with 10% rounded to subangular 2–4 cm gravel; gradual basal transition 20–75: 10YR 6/3; compact, hard, brittle silt with trace rounded to subangular 2–6 cm gravel; clear basal contact 75–105: 10YR 6/3; compact, very firm but slightly cohesive and plastic clayey silt; clear basal contact 105–110: 10YR 6/4; compact, slightly cohesive and plastic glacial clay through 6 cm rounded to subangular gravel *Terminated due to inhibitive gravel density*	No recovery
331	100	0–25: 7.5YR 3/2; loose loam with roots; gradual basal transition 25–98: 10YR 6/3; compact, hard, brittle silt with trace rounded to subangular 1–4 cm gravel; clear basal contact 98–100: 10YR 6/4; compact, somewhat cohesive glacial silt through 6 cm rounded to subangular gravel *Terminated due to inhibitive cobbles*	No recovery
332	125	0–12: 7.5YR 3/2; loose loam and roots; gradual basal transition 12–90: 10YR 6/3; compact, hard, brittle silt with trace rounded to subrounded 1–4 cm gravel; clear basal contact 90–105: 7.5YR 3/3; compact firm–hard cohesive and somewhat plastic silty clay; clear basal contact 105–120: 10YR 6/3; compact, hard, brittle silt; clear basal contact 120–125: 10YR 6/4; compact, slightly cohesive clay through rounded to subangular gravel *Augered from 50 cmbs *Terminated due to inhibitive gravel density*	At surface: Temporally non-diagnostic rusted iron tub (n=1)
333	32	0–5: 10YR 2/1; duff 5–20: 10YR 3/1; loam with many rootlets 20–32: 10YR 4/4; fine sandy loam with abundant subrounded to subangular gravel and cobbles *Terminated on inhibitive root*	No recovery
334	65	0–3: 10YR 2/1; litter and duff 3–10: 10YR 2/1; loam with many rootlets and sparse gravel 10–65: 10YR 5/3; fine sandy loam with abundant subrounded to rounded gravel and cobbles *Terminated on inhibitive root*	No recovery
335	65	0–23: 10YR 3/1; sandy silt with abundant subrounded to rounded gravel and small cobbles; clear basal contact 23–65: 10YR 5/6; very compact sandy silt with abundant rounded to subrounded gravel and cobbles in protruding berm likely related to I-5 construction; appears to be disturbed. *Terminated on inhibitive root*	30–40 cmbs: Blue Fiestaware ceramic fragment

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
336	70	0–23: 10YR 3/1; sandy silt with abundant subrounded to rounded gravel and small cobbles, small roots; gradual basal transition 23–50: 10YR 5/4; silty sand with abundant rounded to subrounded gravel and cobbles, sparse roots; gradual basal transition 50–70: 10YR 7/4; silty sand with abundant rounded to subrounded gravel and cobbles *Terminated at depth in glacial*	No recovery
337	64	0–22 7.5YR 4/2; firm loam; gradual basal transition 22–62: 10YR 6/3; compact, brittle silt with trace rounded to subangular 1–4 cm gravel; clear basal contact 62–64: 10YR 6/4; compact glacial clay through 5 cm rounded to subangular gravel *Augered from 60 cmbs *Terminated due to inhibitive soil density*	
338	75	0–27: 7.5YR 3/2; loose humic layer, roots; clear contact 27–65: 10YR 4.5/6; free sand with 40% rounded–subrounded 0.3–20 cm gravel and cobbles; clear contact 65–75: 2.5Y 6/4; compact very fine sand through rounded–subrounded 20 cm cobbles, no cohesion; glacial *Terminated due to inhibitive cobble density*	No recovery
339	85	0–23: 7.5YR 2.5/2; clay and sand with 5% subrounded–subangular 3–5 cm gravels 23–50: 10YR 5/4; loose fine sand with 10% subrounded 3–5 cm gravels and 3% subrounded cobble (10–12 cm) 50–85: 2.5YR 5/2; loose fine sand with 5% subrounded 1–3 cm gravels, 5% subangular 5–7 cm gravels, and 5% rounded cobble (10–12 cm); very compact/glacial till *Terminated due to compaction*	0–23 cmbs: Temporally non-diagnostic piece of plastic bag (n=1)
340	64	0–25: 7.5YR 3/2; somewhat compact loam with 25% rounded–subrounded 0.3–5 cm gravels and roots; clear contact 25–58: 10YR 4.5/6; free sands with 30–35% rounded–subrounded 0.3–15 cm gravels and cobbles; clear contact 58–64: 2.5Y 6/4; compact sands through 35–40% rounded–subrounded gravel and cobbles (0.3–18 cm); no cohesion; glacial *Terminated due to inhibitive cobble density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
341	75	0–25: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded gravel and cobbles (0.5–5 cm); clear contact 25–45: 7.5YR 3/4; dark brown moderately compact silty clay with 50% large subrounded 0.5–5 cm cobbles; possibly glacial sediment 45–50: Charcoal lens; clear contact 50–75: 7.5 YR 4/4; dark brown compact silty sand with 50% subrounded gravel and cobbles (0.5–5 cm); possible glacial sediment *Terminated due to glacial sediment*	No recovery
342	66	0–15: 7.5YR 3/2; soft loam with 20% rounded–subrounded 0.3–12 cm gravels; clear contact 15–45: 10YR 4.5/6; free sands with 35% rounded–subrounded 0.3–12 cm gravels; clear contact 45–66: 2.5Y 6/9; compact, cohesionless sands through 15 cm cobbles (mostly 0.3–1.2 cm); glacial *Terminated due to glacial sediment at depth*	No recovery
343	90	0–20: 7.5YR 2.5/2; loose clay and sand with 5% subrounded 3–5 cm gravels and 5% subrounded 10–12 cm cobbles 20–60: 10YR 5/4; very loose fine sand with 5% subrounded 3–5 cm gravels and 5% subrounded 10–12 cm cobbles 60–90: 2.5YR 5/2; medium compact coarse sand with 5% subrounded 1–3 cm gravels, 5% subrounded–subangular gravel (7–10), and 5% subrounded 10–12 cm cobbles; glacial *Terminated due to cobbles*	No recovery
344	48	0–25: 7.5YR 3/2; firm loam with giant roots and 20% rounded–subrounded 5–7 cm gravels; clear contact 25–48: 2.5Y 7/3; hard, compact silt through, rounded–angular 10 cm pebbles; slightly cohesive but nonplastic; glacial *Terminated due to glacial sediment and at depth*	No recovery
345	70	0–25: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded gravel and cobbles (0.5–5 cm); clear contact 20–50: 7.5YR 3/4; dark brown moderately compact silty clay with 50% large subrounded cobbles (2–20 cm); clear contact 50–70: 7.5YR 4/4; dark brown compact silty sand with 50% small–large subrounded gravel and cobbles (0.5–5 cm); possible glacial sediment *Terminated due to glacial sediment*	No recovery
346	40	0–22: 7.5YR 3/2; firm loam with giant roots and 20% rounded–subrounded 0.5–5 cm gravels; clear contact 22–40: 2.5Y 7/3; hard, compact silt through; rounded–angular 18 cm cobbles; slightly cohesive but nonplastic; glacial *Terminated due to inhibitive root and cobble density*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
347	60	0–20 7.5YR 2.5/2; loose clay and sand with 5% subrounded 3–5 cm gravels; humic 20–40: 10YR 5/4; loose fine sand with 15% subrounded 3–10 cm gravels 40–60: 7.5YR 5/2; very compact gravely coarse sand with 10% subrounded 1–5 cm gravels and 5% subrounded 10–12 cm cobbles; glacial *Terminated due to glacial sediment*	No recovery
348	50	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded gravel/cobbles (0.5–5 cm); clear contact 20–50: 7.5YR 3/4; dark brown moderately compact silty clay with large subrounded cobbles (5–20 cm) *Terminated due to large root obstruction*	No recovery
349	60	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles 20–40: 7.5YR 4/4; dark brown moderately compact silty clay; very few < 5% cobbles 40–60: 7.5YR 4/4; dark brown moderately compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles; glacial sediment *Terminated due to glacial sediment*	No recovery
350	60	0–20: 7.5YR 3/2; brown loose clay loam with 5% subrounded–subangular 3–5 cm gravels; humic heavy 20–45: 2.5YR 5/4 with gray spots; clay and silt with > 3% subrounded 3–5 cm gravels; gradual transition; alluviated glacial 45–66: 2.5YR 6/2; clay and silt with > 3% subrounded 3–5 cm gravels; gradual transition; alluviated glacial *Terminated due to glacial sediment*	No recovery
351	85	0–55: 10YR 2/1; coarse sand with 5% angular 10–12 cm cobbles 55–65: 7.5YR 3/2; clay and water 65–85: 2.5YR 5/4; clay and silt; alluviated glacial *Terminated due to glacial and water*	0–55 cmbs: Temporally non-diagnostic modern insulation, demolition debris, and modern plastics
352	55	0–55: 7.5YR 4/2; brown loosely compacted silty wet clay with abundant small roots *Terminated due to standing water at bottom*	No recovery
353	55	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–2.5 cm gravel and cobbles 20–55: 7.5YR 4/4; dark brown medium compact silty sand with 10% subrounded 0.5–5 cm gravel and small cobbles; glacial sediment *Terminated due to glacial*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
354	100	0–3.5: 7.5YR 3/2; humic layer and large roots; clear contact 3.5–39: 7.5YR 4/2; loose to soft loam, poor cohesion and little to no plasticity; clear contact 39–100: 7.5YR 6/3 to 6/8 mottled; dry, brittle silty clay of increasing density; relatively low strength but moderately cohesive and highly plastic when wet *Terminated due to at depth without peat, inhibitive clay density*	No recovery
355	55	0–22: 7.5YR 3/2; firm, cohesive, plastic loam; gradual transition 22–55: 7.5YR 6/3; moist, very firm, highly cohesive and plastic silty clay or clean clay *Terminated due to at depth in inhibitive clay, probably alluviated glacial sediment*	No recovery
356	50	0–30: 7.5YR 3/2; loose wet clay with > 3% subrounded 3–5 cm gravels 30–50: 2.5YR 5/4 and 2.5YR 6/2 spots; clay and minor silt; alluviated glacial *Terminated due to glacial sediment*	No recovery
357	50	0–15: 7.5YR 3/2; loose wet clay with less than 3% subrounded 3–5 cm gravels 15–50: 2.5YR 5/4 and 2.5YR 6/2; clay and minor silt, no gravel; alluviated glacial *Terminated due to glacial sediment*	No recovery
358	50	0–15: 7.5YR 4/2; firm, cohesive, plastic loam, large roots; gradual transition 15–50: 7.5YR 6/3; very firm, cohesive, highly plastic clay with slow groundwater seepage up to 42 cmbs *Terminated due to standing groundwater*	No recovery
359	80	0–55: 7.5YR 4/2; brown clay and sand, rooty with 3% rounded 3–5 cm gravels, 3% 1–3 cm pea gravel 55–80: 2.5YR 6/4; silt with minor clay, spots of 10YR 5/8; alluviated glacial *Terminated due to glacial sediment*	No recovery
360	60	0–25: 7.5YR 3/2; loose sandy loam, 10% subangular–subrounded 3–5 cm gravels and 8% 10–12 cm subrounded cobbles; possible fill 25–60: 2.5YR 6/4 with spots of 10YR 5/8; clay with minor silts; glacial *Terminated due to glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
361	59	0–17: 7.5YR 4/2; soft to loose loam, cohesive and plastic; gradual transition 15–57: 7.5YR 6/3 and 6/8 mottled; soft to slightly firm and brittle silt to silty clay in distinct (but not visually distinguishable) layers with minor rounded gravel (4–8 cm); low cohesion and nonplastic to moderate cohesion and plasticity; clear contact 57–59: 7.5YR 6/4; compact clay to 15 cm, rounded–subrounded cobbles; glacial *Terminated due to inhibitive cobbles*	No recovery
362	45	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles; clear contact 20–45: 7.5YR 4/4; dark brown medium compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles; glacial sediment *Terminated due to glacial sediment*	No recovery
363	41	0–20: 7.5YR 3/2; loose, slightly cohesive but moderately plastic loam and roots; clear contact 20–41: 2.5YR 6/4; compact silt through, rounded–subrounded gravel; low cohesion, little to no plasticity; contains sparse ferric concretions (mostly rounded, hard and brittle with 7.5YR 6/8 iron staining); glacial *Terminated due to inhibitive gravel density, at depth in glacial*	No recovery
364	55	0–35: 10YR 3/2; sandy silt loam; common to many rounded and subrounded pebbles and cobbles, some blackberry roots; moderate compaction; gradual boundary 35–55: 10YR 6/3; silty sand; many rounded and subrounded pebbles and cobbles; glacial till sediment *Terminated due to 20 cm of excavation into glacial sediment*	No recovery
365	45	0–20: 7.5YR 2.5/1; black loosely compacted silty sand with 10% subrounded 0.5–5 cm gravel and cobbles; clear contact 20–45: 7.5YR 4/4; dark brown medium compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles; glacial sediment *Terminated due to glacial ssediment*	No recovery
366	103	0–37: 7.5YR 3/2; soft, cohesive, plastic clayey loam; gradual transition 37–82: Mottled 2.5YR 6/3 and 7.5YR 6/8; soft to firm cohesive, highly plastic clay to silty clay with trace rounded 4–8 cm gravel; clear contact 82–103: Slightly mottled 2.5Y 6/4 and 7.5YR 6/8; compact moderately cohesive and highly plastic silt through rounded 8 cm gravel; glacial *Augered from 65 cmbs *Terminated due to at depth in glacial*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
367	50	0–20: 7.5YR 4/2; loose clay and minor sand, 3% rounded 3–5 cm gravels 20–30: 2.5YR 6/2; clay and silt, 1% rounded 1–3 cm gravels; alluvial gravel *Terminated due to glacial sediment*	No recovery
368	40	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles, abundant roots 20–40: 7.5YR 4/4; dark brown moist moderately compact silty sand with 10% 0.5–5 cm subrounded gravel and small cobbles; glacial sediment; water encountered at 38 cmbs *Terminated due to glacial sediment*	No recovery
369	50	0–20: 7.5YR 4/2; loose clay and minor sand, > 3% rounded 3–5 cm gravels 20–50: 2.5YR 6/2; clay and minor silt, 1% gravel *Water table at 15 cmbs *Terminated due to glacial sediment*	No recovery
370	85	0–19: 7.5YR 4/2; soft, cohesive, plastic loam; gradual transition 19–65: Decreasingly mottled 2.5Y 6/3 and 7.5Y 6/8; soft to firm cohesive, highly plastic clay; clear contact 65–85: 2.5Y 6/4; compact, slightly cohesive, somewhat plastic silt/clay through rounded–subrounded 5 cm gravel; glacial *Terminated due to glacial sediment*	No recovery
371	75	0–25: 7.5YR 4/2; clay/loam, 5% rounded 3–5 cm gravels 25–50: 10YR 5/3; coarse sand and clay, 5% subangular 3–5 cm gravels; disturbed asphalt chunks 50–75: 2.5YR 6/2; clay with minor silts *Water table at 50 cmbs *Terminated due to glacial and water*	
372	60	0–12: 7.5YR 4/2; loose clayey loam with 5% subrounded 3–5 cm gravels 12–60: 2.5YR 6/4 and 10YR 6/4; clay and silt with 3% rounded gravel *Augered from 12 cmbs *Terminated due to refusal on cobble*	No recovery
373	55	0–12: 7.5YR 4/1; loose clayey loam, 10% subrounded gravel (1–5 cm) 12–25: 2.5YR 4/1 and 7.5YR 5/4; coarse sand, 15% subrounded 1–5 cm gravels; gradual transition 25–55: 2.5YR 4/3; very compact medium coarse sand, 20% subrounded 1–5 cm gravels *Terminated due to refusal at compaction*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
374	39	0–12: 7.5YR 4/2; loose, extremely sandy loam with 10–15% rounded 1–5 cm gravels; gradual transition 12–25: Somewhat mottled 2.5Y 6/3 and 7.5YR 6/8; loose very fine–fine sand with 20% rounded gravel and cobbles 1–15 cm; clear contact 25–39: 7.5YR 6/8; extremely compact fine sand, 15% coarse–very coarse sand, 35–40% rounded–subrounded 0.6–15 cm gravel and cobbles; slow groundwater seepage to 35 cmbs; unsorted; attempted auger at 39 cmbs *Terminated due to full refusal and groundwater*	No recovery
375	70	0–15: 7.5YR 4/1; Loose clayey loam with 10% subrounded 1–5 cm gravels 15–30: 2.5YR 4/1 and 2.5YR 5/4; coarse sand with 15% subrounded 1–5 cm gravels 30–40: Subangular 0–15 cm gravels 40–70: 2.5YR 4/3; very compact medium coarse sand with 20% subrounded 3–5 cm gravels *Augered from 40 cmbs *Terminated due to refusal*	No recovery
376	71	0–10: 7.5YR 4/2; soft, cohesive, plastic clayey loam with 10–15% rounded 4–8 cm gravels; gradual transition 10–71: 2.5Y 6/3 grading to 2.5Y 5/3 with depth, mottled with 7.5YR 5/6; soft to firm highly cohesive, highly plastic clay with ~15% rounded–subrounded 3–5 cm gravels and pockets or lenses of ~20–25% firm–medium sand; slow groundwater seepage to 67 cmbs *Augered from 57 cmbs *Terminated due to refusal on stone*	No recovery
377	70	0–70: 10YR 4/2; dark grayish-brown highly compact silty sand with 30% 2–10 cm gravel and small cobbles; appears to be construction fill material *Terminated due to hitting water table*	No recovery
378	62	0–7: 7.5YR 4/2; soft, cohesive, plastic clayey loam with 10–15% rounded 4–8 cm gravels; gradual transition 7–56: Mottled 2.5Y 6/3 and 7.5Y 5/6; soft to firm highly cohesive, highly plastic clay with 10–15% rounded–subrounded 3–6 cm gravels; clear contact 56–62: 2.5Y 6/4; compact, cohesive, somewhat plastic clay through rounded–subrounded gravel; glacial *Augered from 47 cmbs *Terminated due to inhibitive stones*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
379	200	0–20: 7.5 YR 4/2; loose clayey loam with 5% subrounded 3–5 cm gravels 20–40: 2.5YR 4/1 and 8/4; coarse sand and water and rounded 3–5 cm gravels 40–200: 10YR 5/3; clay; no silt, no gravel *Augered from 40 cmbs *Terminated due to clay compaction at 200 cmbs*	No recovery
380	103	0–12: 7.5YR 4/2; soft, cohesive, plastic loam; gradual transition 12–103: 2.5Y 6/3 mottled with 7.5YR 5/6; soft to firm cohesive, highly plastic clay or silty clay *Augered from 55 cmbs *Terminated due to at depth in alluviated glacial sediment*	No recovery
381	60	0–20: 7.5YR 4/2; clayey loam with > 3% subrounded 3–5 cm gravels 20–50: 2.5YR 6/2; clay; alluviated glacial *Augered from 40 cmbs *Terminated due to glacial sediment*	No recovery
382	52	0–32: 7.5YR 4/2; soft, cohesive, plastic loam; gradual transition 32–52: 2/5Y 6/3 very lightly mottled with 7.5YR 5/6; soft to somewhat firm cohesive plastic clay *Terminated due to at depth in alluviated glacial sediment*	No recovery
383	50	0–14: 10YR 4/2; clay and sand/loam, loose with 3% subrounded 3–5 cm gravels 14–37: 10YR 5/3; loose sand medium–fine grain with 5% subrounded 3–5 cm gravels 34–50: 10YR 4/3; very compact large–fine grain sand with 5% subrounded 1–7 cm gravels *Terminated due to glaical sediment*	No recovery
384	50	0–25: 7.5YR 4/2; clayey loam with > 3% subrounded 3–5 cm gravels 25–50: 2.5YR 6/2; clay; alluviated glacial *Augered from 40 cmbs *Terminated due to glacial sediment*	No recovery
385	53	0–20: 10YR 3/2; sandy silt loam with common rounded and subrounded pebbles and small cobbles; moderately compacted; clear boundary 20–33: 10YR 6/4; sandy silt loam with many subrounded and rounded pebbles and small cobbles; gradual boundary 33–53: 10YR 7/3; silty sand with many rounded and subrounded pebbles and cobbles; glacial sediment *Terminated due to 20 cm of excavation into glacial sediment*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
386	153	0–20: 7.5YR 3/2; loamy gravel fill; fully saturated; clear contact 20–139: 10YR 4/3; compact, very firm silt and minor clay; dry; clear contact 139–153: 2.5YR 3/1; clean very fine sand from redeposited lahar material; moderate to abundant red grains; no cohesion *Augered from 40 cmbs *Terminated due to lack of retrieval and refusal*	No recovery
387	362	0–20: 7.5YR 3/2; hard loamy gravel fill; clear contact 20–65: 10YR 4/4; compact silt with minor clay, light iron mottling; barely any cohesion, brittle; fill, landscaping netting at base 65–158: 10YR 4/3; compact, noncohesive silt with minor clay; brittle; wood chunk at 90 cm; clear contact 158–362: 2.5YR 3/1; compact, noncohesive clean very fine sands from redeposited labor materials *Augered from 67 cmbs *Terminated due to lack of retrieval*	0–20 cmbs: Modern trash and construction fill
388	80	0–60: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles 60–80: 7.5YR 4/4; dark brown moderately compact silty sand with 10% subrounded gravel and cobbles; glacial sediment *Terminated due to glacial sediment*	No recovery
389	55	0–5: Duff and organics; clear contact 5–49: 10YR 4/1; dark gray coarse sandy loam, many crushed angular pebbles and gravels; fill 49–55: 10YR 4/3; brown silty loam, few rounded gravels, very saturated *Terminated due to water*	No recovery
390	42	0–3: Root mat and organics 3–42: 10YR 3/2; very dark grayish-brown fine sandy loam, no gravels observed; riparian zone *Terminated due to water*	No recovery
391	70	0–70: 7.5YR 2.5/1; black, very moist loosely compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles; abundant organic materials and standing water *Terminated due to hitting water table*	No recovery
392	310	0–5: Root mat, duff and organics; clear contact 5–60: 10YR 3/3; dark brown silty loam; no gravels 60–310: 10YR 4/2; dark grayish-brown silty loam, mottled with 10YR 5/4 brown clay and 10YR 5/2 grayish-brown fine sandy loam *Augered from 60 cmbs *Terminated due to irretrievable hand-auger head*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
393	90	0–70: 7.5YR 2.5/1; black loosely compact silty sand with 10% small subrounded 0.5–5 cm gravels; abundant organic materials 70–90: 7.5YR 4/4; moderately compact silty sand with 10% subrounded gravel and small cobbles; glacial sediments *Terminated due to glacial sediment*	No recovery
394	160	0–80: 7.5YR 4/2; brown loosely compact silty sand with 10% subrounded 0.5–5 cm gravels and small cobbles; abundant organic materials 80–160: 7.5YR 3/2; dark brown moderately compact fine sand *Augered from 80 cmbs *Terminated due to water table and lack of retrieval*	No recovery
395	180	0–50: 10YR 4/4; compact silt and minor clay 50–100: 10YR 4/3; compact non–cohesive silt with minor clay and light iron mottling; gradual transition 100–175: 10YR 4/3; compact clay 175–180: 7.5YR 3/1; compact very fine sands *Augered from 80 cmbs *Water table at 80 cmbs *Terminated due to lack of retrieval*	No recovery
396	155	0–100: 10YR 4/4; loam with no gravels, blackberry roots 100–135: 2.5YR 4/1; very fine sand with some silt; gradual transition 135–150: 10YR 4/1; clay and some sand 150–155: 7.5YR 4/1; very fine sand with clay *Augered from 50 cmbs *Terminated due to clay and risk of sticking auger*	No recovery
397	130	0–70: 10YR 4/4; loam with no gravels, blackberry roots 70–80: 7.5YR 4/1; very fine sand; red ferric concretions 80–170: 2.5YR 4/1; very fine sand 120–130: 10YR 4/1; clay *Augered from 70 cmbs *Terminated due to clay and risk of sticking auger*	No recovery
398	110	0–40: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–2 cm gravels and cobbles 40–90: 7.5YR 3/2; dark brown moderately compact fine wet sand 90–110: 7.5YR 110 3/2; dark brown wet sticky clay *Terminated due to excessive soil compaction*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
399	40	0–10: 10YR 2/1; humic loam with 7% subangular 3–5 cm gravels 10–40: 10YR 5/3 with mottles of 4/4; oxidized silt and clay; alluviated glacial *Water table at 35 cmbs *Terminated due to water and glacial*	Modern trash
400	45	0–15: 2.5Y 6/4; soft, somewhat cohesive slightly plastic sandy loam; gradual transition 15–17.5: 7.5YR 4/1; fine sand with 15% rounded to subangular 3–6 cm gravel in a pocket; gradual transition 17.5–45: 7.5YR 3/2; firm barely cohesive loam with 30% 0.5–16 cm rounded to angular gravel and cobbles; pocket of packed 2.5Y 7/3 fine sand; fill *Terminated due to inhibitive cobbles*	15–17.5 cmbs: Modern trash
401	30	0–30: 7.5YR 2.5/1; black loosely compact silty sand with 10% 0.5–5 cm subrounded gravels and cobbles *Terminated due to multiple large roots*	No recovery
402	58	0–15: 5YR 3/2; firm loam, somewhat cohesive; gradual transition 15–40: 10YR 6/2; firm silty clay; mostly cohesive and plastic, slight iron staining; clear contact 40–58: 10YR 5/1; very firm, very cohesive, very plastic clay with 10% rounded 3–6 cm gravels; possibly dropstones *Terminated due to inhibitive soil density*	No recovery
403	50	0–50: 10YR 5/3 with mottles of 10YR 4/4 oxidization; clay and minor silt; alluviated glacial *Terminated due to glacial sediment*	No recovery
404	40	0–10: 10YR 3/1; humic loam with clay and sand, roots, > 3% subrounded 3–5 cm gravels 10–40: 10YR 5/3 with mottles of 10YR 4/4; clay with minor silt; alluviated glacial *Terminated due to glacial sediment*	No recovery
405	100	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–5 cm gravels and cobbles 20–100: 2.5Y 5/3; light olive-brown compact clay *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
406	70	0–70: 10YR 3/2 and 10YR 5/2; mixed deposit of silty sand, asphalt chunks, many rounded and subrounded pebbles and cobbles; concrete chunks; sediment is entirely disturbed; fill and/or disturbed native soil *Terminated due to excessive gravels prevented further excavation*	0–20 cmbs: Temporally non-diagnostic red plastic fragment (n=1), Temporally non-diagnostic brick fragment (n=1), Temporally non-diagnostic metal screw (=1), amber Temporally non-diagnostic glass fragment (n=1) 20–40 cmbs: Temporally non-diagnostic sheet plastic fragment (n=1), Temporally non-diagnostic flat colorless glass fragment (n=1), unidentifiable rusty metal fragment, (n=1), temporally non-diagnostic brick fragment (n=1) 40–70 cmbs: Temporally non-diagnostic wire nail, flat colorless glass fragments (n=3), plastic fragment (n=1)
407	60	0–13: 2.5Y 6/2; soft loamy fine sand, wet and somewhat cohesive with roots; gradual transition 13–60: 2.5Y 5/3; loose, wet clean fine sand from weathered redeposited lahar material; no cohesion; roots; groundwater causing sidewall failure below 47 cmbs *Augered from 59 cmbs *Terminated due to sidewall collapse*	0–13 cmbs: Modern fence wire (n=1)
408	70	0–17: 2.5Y 6/2; soft loamy sand with very little cohesion but many roots; gradual transition 17–70: 2.5Y 5/3; fine sand with 5% rounded < 7 cm gravels grading to fine to very coarse sand with 15–20% rounded < 15 cm gravel and small cobbles; loose, no cohesion *Augered from 50 cmbs *Terminated due to inhibitive cobbles*	No recovery
409	70	0–20: 7.5YR 2.5/1l black loosely compact silty sand with 10% subrounded 0.5–5 cm gravels and cobbles 20–70: 7.5YR 4/4; dark brown moderately compact silty sand with 30% small to large subrounded 2–15 cm cobbles; possible road construction materials *Terminated due to rock obstruction*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
410	67	0–26: Firm, highly cohesive, plastic clayey loam with pockets of N4 sand; gradual transition 26–47: 10YR 5/4, N4, and 5YR 5/8; clayey silt with pockets of sand and 20% rounded gravels; somewhat compact, low to moderate cohesion, non–plastic to somewhat plastic; fill; clear contact 47–67: 10YR 6/3 to 6/1; splotchy, very firm, highly cohesive, highly plastic once worked, damp to wet silty clay; slow groundwater seepage to 52 cmbs *Terminated due to at depth in alluviated glacial sediment*	No recovery
411	80	0–25: 10YR 2/2; loam and sand with 10% subangular 1–2 cm and 4–5 cm gravels; fill 25–30: 5Y 5/1; coarse poorly sorted sand with 10% subangular 3–5 cm gravels; fill 30–35: 10YR 2/1; coarse sand with 10% subangular 3–5 cm gravels; possible fill 35–90: 10YR 5/3 with 10YR 4/4 mottles; very firm clay and silt; alluviated glacial *Water table at 30 cmbs *Terminated due to glacial sediment*	No recovery
412	60	0–40: N4 to 7.5YR 4/1; loose to soft loam fill with 5% rounded 1–5 cm gravels; clear contact 40–60: 10YR 6/3 to 6/1; firm, damp to wet, cohesive and plastic silty clay *Terminated due to alluviated glacial sediment at depth*	No recovery
413	60	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–5 cm gravel and cobbles 20–60: 2.5Y 5/3; light olive-brown compact clay with 30% subrounded 0.5–20 cm cobbles *Terminated due to rock obstruction*	No recovery
414	30	0–30: 10YR 2/2; loam and coarse sand with 10% subangular 3–5 cm gravel; fill *Augered from 0 cmbs *Water table at 0 cmbs *Terminated due to refusal*	No recovery
415	60	0–35: 10YR 3/2; fine/medium sand with many rootlets and large roots 35–60: 10YR 4/3; medium sand with 10% subangular 3–5 cm gravels and 3% subrounded 10–12 cm cobbles *Augered from 20 cmbs *Terminated due to refusal on cobbles*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
416	70	0–20: 10YR 2/1; coarse sand, loarm with 10% subangular 3–5 cm gravel; fill 20–40: Gray 5/5GY; clay, wetland 40–70: 10YR 5/3 with mottles of 10YR 4/4; silt and clay; alluviated glacial *Water table at 25 cmbs *Terminated due to glacial and water*	No recovery
417	60	0–15: 10YR 2/1; clay and coarse sandy loam with 10% subangular 3–5 cm gravel 15–30: Gray 5/5GY; clay 30–70: 10YR 5/3; clay and silt; alluvial glacial *Water table at 25 cmbs *Terminated*	No recovery
418	70	0–10: 10YR 2/1; clay and coarse sandy loam with 10% subangular 3–5 cm gravel 10–40: Gray 5/5GY; clay 40–70: 10YR 5/3; clay and silt; alluvial glacial *Water table at 25 cmbs *Terminated due to glacial sediment*	No recovery
419	107	0–15: 7.5YR 4/2; very sandy loam; fill; gradual transition. 15–55: 2.5Y 5/2; hard, compact sand to rounded–subangular 21 cm cobble fill with no cohesion; fill; clear contact. 55–95: 10YR 4/3; soft, very clayey sandy loam with 15% rounded to subrounded 0.3–2 cm gravels; highly cohesive and plastic; clear contact 95–107: 10YR 4/4; soft, clayey, sand and silt with pockets of lavender material (mostly sand) and 15% rounded to subrounded 0.3–3 cm gravels *Augered from 60 cmbs *Terminated due to inhibitive rocks*	No recovery
420	80	0–20: 7.5YR 2.5/1; black loosely compact silty sand with 10% subrounded 0.5–2 cm gravels and cobbles 20–80: 7.5YR 4/3; brown moderately compact silty clay with 10% subrounded gravels *Augered from 60 cmbs *Water table at 60 cmbs *Terminated*	0–20 cmbs: Temporally non-diagnostic rusty metal screw (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
421	129	0–20: 2.5Y 7/3; extremely compact and hard sandy gravel fill, clear contact 20–75: 5YR 4/4; soft silt, quickly grading to iron–stained very fine sand, gradual transition 75–110: 2.5YR 3/1; loose, mostly unstained very fine floodplain sands (redeposited lahar sand) layered with soft silt, clear contact 110–129: 2.5YR 3/1 and 5YR 5/8; very fine sand with 5% rounded–subrounded < 1 cm gravel, nodes of iron staining, layered with soft silt *Augered from 47 cmbs *Terminated due to saturation and rapid groundwater seepage*	No recovery
422	30	0–30: Highly compact silty sand with 30% gravels/cobbles (subrounded); construction fill *Terminated due to concrete at bottom of unit*	No recovery
423	30	0–5: 10YR 2/2; gravelly loam with 15% subangular 3–5 cm gravel; fill 5–30: 10YR 6/2; coarse sand with 20% subangular to subrounded 3–5 cm gravel; fill; at 30 cm, 10YR 4/2 concreted fill with > 25% subangular to subrounded 3–5 cm gravel *Terminated due to inhibitive fill*	No recovery
424	35	0–30: 10YR 2/2; sandy loam with 5% subrounded 3–5 cm gravel; fill 30–35: Concrete *Terminated due to concrete*	No recovery
425	130	0–20: 10YR 5/3; coarse gravelly sand with 20% subangular 3–5 cm gravel; fill 20–130: 10YR 4/4 transitioning to 10YR 5/2; silt and minor clay plus very fine sand *Water table at ~90 cmbs *Augered from 20 cmbs *Terminated due to lack of retrieval*	No recovery
426	34	0–34: 10YR 3/1–3/2; sandy loam with 15% rounded–subrounded gravel to 13 cm pebbles and many large roots *Terminated due to inhibitive roots*	No recovery
427	100	0–20: 10YR 3/2; sandy silt, many rootlets and organics; gradual transition 20–60: 10YR 4/2; silty sand, many rounded and subrounded pebbles; gradual transition 60–90: 10YR 6/2; sand, no gravels; gradual transition 90–100: 10YR 6/2 with pockets of 5YR 4/6 *Augered from 80 cmbs *Water table at 60 cmbs *Terminated due to wall cave-ins*	0–10 cmbs: Temporally non-diagnostic white earthenware ceramic plate fragment, chunk of pebble aggregate concrete 30–40 cmbs: Temporally non-diagnostic clear plastic fragment 40–50 cmbs: Temporally non-diagnostic rubber fragment

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
428	130	0–20: 10YR 4/4; loam and sand; gradual transition 20–100: 10YR 5/3; fine sand, silt, clay; gradual transition 100–130: 10YR 4/2; fine sand *Augered from 20 cmbs *Terminated due to lack of retrieval*	No recovery
429	172	0–100: 7.5YR 3/2; sandy loam 100–148: 7.5YR 4/2; silty sand 148–172: 7.5YR 5/2; sandy clay, no gravels, no roots *Augered from 26 cmbs *Terminated due to clay*	No recovery
430	130	0–30: 10YR 4/3; sandy loam 30–100: 10YR 4/2 with mottles of 10YR 4/4; very fine sand; gradual transition to 10YR 4/4 and rust; likely surface leeching 100–150: 7.5Y 5/1; clay and 2.5Y 6/1 fine sand and silt with large 10YR 4/4 mottles; likely due to surface leeching *Water table at 100 cmbs Augerd from 30 cmbs *Terminated due to lack of retrieval*	No recovery
431	100	0–25: 10YR 4/2; loamy topsoil, few gravels 25–40: 10YR 5/2; silty sand, few gravels 40–100: 10YR 5/3; sand, few gravels *Water table at 40 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
432	107	0–22: 10YR 4/2; sandy silt with many angular–subangular and subrounded pebbles 22–60: 10YR 4/2; sandy silt, very few gravels; gradual transition 60–107: 10YR 5/3; silty sand that transitions to pure medium fine sand, subrounded pebbles *Water table at 60 cmbs *Augered from 90 cmbs *Terminated due to wall cave-ins due to wet sandy sediments*	0–20 cmbs: Temporally non-diagnostic amber glass fragment (n=1) Temporally non-diagnostic, flat colorless glass fragment (n=1) 50–60 cmbs: Temporally non-diagnostic rusty hook/chain fragment (n=1)
433	112	0–50: 10YR 4/2; sandy silt with some subrounded–subangular pebbles; gradual transition 50–90: 10YR 5/2 Silty sand with few rounded–subrounded pebbles; Gradual transition 90–112: 2.5Y 3/2 Medium fine sand, no gravels, water saturated *Water table at 80 cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval due to water saturated sand*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
434	120	0–30: 10YR 4/2; sandy silt, many subrounded and rounded pebbles; gradual transition 30–120: 10YR 4/1; slightly silty sand, very few rounded and subrounded pebbles *Water table at 40 cmbs *Augered from 90 cmbs *Terminated due to wall cave-ins due to wet and sandy sediment*	40–50 cmbs: Temporally non-diagnostic aluminum fragment (n=1)
435	143	0–57: 7.5YR 4/2; loam, no gravels, fine roots 57–65: 10YR 4/3; clay–sand, no gravels 65–143: 2.5Y 5/1; sand *Augered from 25 cmbs *Terminated due to lack of retrieval*	No recovery
436	115	0–45: 10YR 4/3; clay–loam, no gravels, no roots 45–80: 10YR 4/2; sandy clay, no gravels 80–85: 10YR 4/2; silty sand, no gravels 85–115: 10YR 4/2; sandy clay with iron oxide concretions *Augered from 25 cmbs *Terminated due to clay*	No recovery
437	190	0–70: 10YR 4/3; sandy loam 70–80: 10YR 4/2 with mottling of 10YR 4/4; silt and firm sand, ferric concretions 80–170: 10YR 4/2; clay 170–190: 10YR 3/2; clay *Augered from 70 cmbs *Terminated due to excessively compacted clay*	No recovery
438	175	0–40: 10YR 4/3; sandy loam, no gravels 40–145: 10YR 4/2 with mottles of 10YR 4/4; ferric concretions 145–175: 10YR 2/1; very fine sand *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
439	95	0–30: 10YR 4/3; sandy loam with 5% angular construction 3–5 cm gravels 30–95: 10YR 4/2 with mottling of 10YR 4/4; ferric concretions *Water table at 30 cmbs *Terminated due to hole collapse*	No recovery
440	100	0–20: 10YR 4/2; loam and sand, 5% construction gravel 20–100: 10YR 4/2 with mottles of 10YR 4/4; silt and sand with mottles of sand and ferric concretions and clay *Augered from 20 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
441	220	0–60: 10YR 4/3; sandy loam 60–150: 10YR 4/2 mottled with 10YR 4/4; silt 150–180: 5Y 4/1; silt 180–220: 10YR 2/1; fine sand *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
442	220	0–40: 10YR 4/3; sandy loam 40–130: 10YR 4/2 with mottles of 10YR 4/4; silt 130–180: 10Y – 5GY 3/2; clay and fine sand, minor wood; wetland 180–220: 5Y 4/1; fine silt and clay *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
443	300	0–30: 7.5YR 4/2; loam, few gravels 30–100: 10YR 4/6; sandy clay, few gravels 100–200: 2.5Y 4/1; clay–sand, no gravels 200–250: 2.5Y 3/1; sandy clay, few gravels 250–300: 5Y 3/1; sand, no gravels *Water table at 50 cmbs *Augered from 60 cmbs *Terminated due to lack of retrieval*	No recovery
444	180	0–60: 10YR 4/3; loam 60–120: 10YR 4/2; silt with mottles of 10YR 4/4 ferric concretions 120–180: 10YR 3/1–2/1; fine–medium sand *Augered from 50 cmbs *Terminated due to lack of retrieval*	No recovery
445	180	0–60: 10YR 4.3; loam 60–170: 10YR 4/2 with mottles of 10YR 4/4; silt and sand and minor clay 170–180: 10YR 2/1; fine–medium fine sand *Terminated due to lack of retrieval*	No recovery
446	185	0–50: 10YR 4/2; sandy silt with few subrounded and subangular pebbles; gradual transition 50–65: 10YR 6/2 with 10YR 4/3 mottling; silty fine sandy loam, no gravels; gradual transition 65–100: 10YR 5/2; medium fine sand, few small subrounded and subangular pebbles; gradual transition 100–185: 10YR 5/2 with 10YR 4/3 mottling; medium fine sand, slightly clayey with concrete fragments, few small subrounded gravel *Water table at 90 cmbs *Augered from 90 cmbs *Terminated*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
447	170	0–80: 10YR 2/1; loam 80–150: 10YR 4/2; silt with mottles of 10YR 4/4 150–170: 10YR 3/1–2/1; fine sand *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
448	200	0–85: 10YR 5/3; loam, few gravels 85–150: 2.5Y 5/2; silty sand with iron oxidation spots 7.5YR 5/6 150–200: 2.5Y 5/2; clayey sand *Water table at 105 cmbs *Augered from 85 cmbs *Terminated due to lack of retrieval at 200 cmbs*	40 cmbs: Modern amber glass
449	175	0–40: 10YR 2/2; clayey loam 40–175: 10YR 4/2 with mottles of 10YR 4/4; silt and fine sand transitioning to more 10YR 3/2 sand *Water table at 40 cmbs *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
450	196	0–30: 10YR 3/2; clayey loam, 5% subangular 3–5 cm gravels 30–50: 10YR 2/1; very compact silt 50–190: 10YR 4/2 with mottles of 10YR 4/4; silty and fine sand transitioning to more clay *Augered from 30 cmbs *Terminated due to lack of retrieval*	No recovery
451	170	0–80: 7.5YR 4/3; brown loosely compact silty sand with 10% subrounded gravel and cobbles (0.5–5 cm) 80–120: 7.5YR 4/3; brown loosely compact silty sand, 10% subrounded gravel and cobbles (0.5–5 cm) 120–170: 7.5YR 4/4; brown moderately compact silty sand with clay *Water table at 120 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
452	260	0–80: 10YR 4/2; silty loam 80–100: 10YR 4/3; silty sand 100–140: 10YR 4/3; sand 140–220: 10YR 5/3; sandy with iron oxide pieces 220–260: 10YR 2/2; sand *Water table at 100 cmbs, *Augered from 100 cmbs *Terminated due to lack of retrieval*	0–10 cmbs: Modern blue sheet plastic fragment (m=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
453	310	0–45: 10YR 4/2; sandy silt with few to some subrounded subangular pebbles, many small roots 45–80: 2.5YR 4/1; fine sand with 10YR 4/3 mottling, very few rounded and subrounded pebbles 80–150: 2.5YR 4/1; fine clayey sand with 10YR 6/2 mottling, very few subrounded and subangular pebbles 150–180: 2.5Y 4/1; clay with 10YR 6/2 mottling, no gravels 180–270: 2.5Y 4/1; clay with no mottling, decaying plant material present 270–310: 2.5Y 4/1; medium fine sand, very few subrounded and subangular pebbles *Water table at 120 cmbs *Augered from 85 cmbs *Terminated due to lack of retrieval*	No recovery
454	170	0–80: 10YR 4/3; semi–loose sandy loam with disturbed soils, 10% subrounded gravel (1–3 cm, 5–10 cm); fill, disturbed 80–170: 10YR 4/2 with mottles of 10YR 4/4; silt and fine sand transitioning to more sand *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
455	190	0–80: 10YR 4/3; semi-loose loamy sand, 10% subrounded gravel (1–2 cm, 4–10 cm); fill 80–190: 10YR 4/2 with mottles of 10YR 4/4; silt and fine sand transitioning to clay; fill *Augered from 90 cmbs *Terminated due to lack of retrieval*	No recovery
456	220	0–50: 10YR 4/3; loose sandy loam, 10% subrounded 3–10 cm gravels 50–180: 10YR 4/2 with mottles of 4/4; silt and sand 180–220: 10YR 2/1; fine–medium sands with red and white grains *Augered from 50 cmbs *Terminated due to lack of retrieval*	0–50 cmbs: Modern brick fragment (n=1)
457	155	0–80: 10YR 4/2; sandy loam, few gravels 30–80: 10YR 4/4; silty sand, no gravels, oxidized concretions 85–135: 10YR 4/3; sand, no gravels 135–155: 10YR 3/3; clay–sand *Augered from 85 cmbs Terminated due to lack of retrieval	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
458	160	0–80: 10YR 4/2; sandy silt with some to common subrounded and subangular pebbles, many roots from 0–20 cmbs; gradual transition 80–160: 10YR 5/2; medium fine sand with some 10YR 4/3 mottling; few subrounded and subangular pebbles *Water table at 85 cmbs *Augered from 85 cmbs *Terminated due to lack of retrieval*	No recovery
459	300	0–80: 10YR 4/3; loose sandy loam, 10% subrounded 3–10 cm gravels; fill, disturbed 80–250: 10YR 4/2 with mottles of 4/4; silt and sand 250–300: 10YR 2/1; medium fine to red coarse sand with red and white grains *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
460	190	0–80: 10YR 4/3; loose sandy loam, 10% subrounded 3–10 cm gravels; fill 80–190: 10YR 4/2 with mottles of 4/4; silt and sand transitioning to more clay transitioning to more sand *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
461	185	0–60: 10YR 4/3; sandy loam, 10% subrounded 1–3cm and 5–10 cm gravels, transitioning to very compact 60–185: 10YR 4/2 with mottles of 10YR 4/4; silt and sand transitioning to more sand *Augered from 60 cmbs *Terminated due to lack of retrieval*	No recovery
462	170	0–30: 10YR 4/3; loose to compact loam and sand, 10% subrounded 3 cm gravel; fill, disturbed 30–170: 10YR 4/2 with mottles of 4/4; silt and sand transitioning to more sand *Water table at 80 cmbs *Augered from 30 cmbs *Terminated due to lack of retrieval*	No recovery
463	130	0–80: 7.5YR 3/2; silty loam, moderate gravels; disturbed fill, asphalt 80–100: 10YR 3/3; silty sand, some gravels 100–110: 10YR 4/3; clay–sand, some gravels 110–130: 5YR 3/4; oxidized sand, no gravels *Water table at 115 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	40 cmbs: Temporally non-diagnostic colorless flat glass fragment (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
464	200	0–20: 10YR 3/2; clayey loam with 10% subrounded 3–5 cm gravels; disturbed 20–60: 10YR 4/2 with spots of 4/4; silt; disturbed 60–80: 10YR 4/2 with spots of 4/4; silt; disturbed 80–180: 10YR 4/2 with spots of 4/4; silt; disturbed 180–200: 10YR 2/1; medium sand with spots of 10YR 4/4, few concretions *Water table at 80 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
465	120	0–70: 7.5YR 4/3; brown loosely compact silty sand with 20% subrounded cobbles and gravel (0.5–20 cm) 70–120: 7.5YR 4/3; brown compact silty sand with 10% subrounded 0.5–2 cm gravels; some reddish mottling and silty clay nodules *Water table at 110 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	0–40 cmbs: Temporally non-diagnostic green and colorless glass fragments (n = 10)
466	170	0–70: 7.5YR 4/3; brown loosely compact silty sand with 20% subrounded gravel and cobbles (0.5–20 cm) 70–120: 7.5 4/3; brown compact silty sand with 10% subrounded gravel (0.5–2 cm); some reddish mottling and silty clay nodules 120–170: 7.5YR 4/4; brown silty clay *Water table at 120 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	0–40 cmbs: Temporally non-diagnostic colorless glass fragments (n = 5)
467	190	0–30: 10YR 4/3 with spots of 4/4; silt with 5% rounded 3–5 cm gravels; disturbed 30–90: 10YR 2/2; medium fine sand with 5% subrounded 3–5 cm gravels; disturbed 90–120: 10YR 4/3 with spots of 4/4; silts; disturbed; gradual transition 120–190: 10YR 2/2 with spots of 4/4; ferric concretions and coarse sand, transitioning to only 10YR 2/1 with some silt *Water table at 80 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	30–90 cmbs: Asphalt, modern glass fragments (n=5), modern plastic

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
468	120	0–65: 10YR 4/2; sandy silt with many rounded–subrounded, angular (including crushed aggregate ??) pebbles; disturbed sediment fill; gradual transition. 65–110: 10YR 5/2; silty sand with few subrounded and subangular small pebbles; gradual transition 110–120: 10YR 5/2; silty sand with few subrounded and subangular small pebbles with 10YR 4/5 mottling *Water table at 80 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval*	0–10 cmbs: Temporally non-diagnostic white earthenware ceramic fragment (n=1) 20–30 cmbs: Modern blue sheet plastic fragment (n=1) 50–60 cmbs: Temporally non-diagnostic terra cotta fragment (n=1) 60–70 cmbs: Aqua bottle glass fragment (n=1), temporally non-diagnostic flat colorless glass fragment (n=1)
469	90	0–55: 7.5Y 3/2; silty loam, moderate gravels 55–90: 7.5Y 4/2; sand, some gravels *Water table at 80 cmbs *Augered from 85 cmbs *Terminated due to lack of retrieval*	30 cmbs: Modern colorless plate glass fragment (n=1)
470	65	0–20: 10YR 2/2; concrete fill, many gravels 20–65: 10YR 2/2; loam, many gravels *Terminated due to concrete obstruction*	0–20 cmbs: Temporally non-diagnostic blue ceramic tile fragments (n=3), modern colorless plate glass fragments (n=3), concrete chunks (n=5) 40 cmbs: One temporally non-diagnostic terra cotta drain pipe fragment (n=1), temporally non-diagnostic white earthenware ceramic fragment (n=1), modern plastic fragment (n=1), temporally non-diagnostic unidentifiable metal fragments (n=3)
471	165	0–85: 10YR 4/2; coarse loam with 80% angular gravel, 40% 12–15 cm, 40% 3–5 cm 85–100: 10YR 3/2; silt and sand; gradual transition 100–165: 10YR 3/3; silt and sand *Water table at 80 cmbs *Augered from 55 cmbs *Terminated due to lack of retrieval*	0–85 cmbs: Temporally non-diagnostic broken concrete and asphalt chunks, temporally non-diagnostic glass fragments (n=3)
472	110	0–20: 10YR 4/3; loam with sand and silt; gradual transition 20–50: 10YR 4/3 to 4/2; loam and more silt; gradual transition 50–110: 10YR 4/2; loam and silt *Water table at 50 cmbs *Augered from 50 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
473	115	0–60: 10YR 4/3; sandy loam 60–100: 10YR 4/2–3/2 with spots of 4/4; silt and sand 100–115: 10YR 2/1; medium fine sand with spots of 10YR 4/4 *Augered from 60 cmbs *Water table at 90 cmbs *Terminated due to lack of retrieval*	No recovery
474	110	0–10: 10YR 4/2; sandy silt with some concrete chunks and many rounded/subrounded and subangular pebbles 10–50: Fill matrix of building asphalt and concrete chunks 50–110: 10YR 5/2; silty sand with 10YR 4/3 mottling and few subrounded and subangular small pebbles *Water table at 85 cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval*	10–20 cmbs: Temporally non-diagnostic fragments of colorless glass (n = 2), fragments of blue and red tile adhered to concrete (n = 5–10), terra cotta drainpipe fragment (n=1)
475	115	0–80: 10YR 4/3; sandy loam 80–115: 10YR 4/2; fine sand *Water table at 90 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
476	25	0–2: 7.5YR 4/3; brown loosely compact silty sand with 10% subrounded 0.5–2 cm gravel and cobbles 2–25: 100% construction gravel, sorted and subangular *Terminated due to asphalt slab*	No recovery
477	115	0–10: 10YR 4/3; loam, moderate gravels medium–large 10–50: 10YR 4/3; loam, some gravels small–medium; some concrete 50–115: 10YR 4/4; sand, no gravels *Water table at 85 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	0–10 cmbs: Temporally non-diagnostic brick fragment (n-1), temporally non-diagnostic concrete chunks (n=5), milk glass fragment on surface (n=1)
478	140	0–20: 7.5YR 4/2; brown loosely compacted silty sand with 10% subrounded gravel and cobbles 0.5–5 cm 20–100: 7.5YR 4/3; brown moderately compact silty sand with 10% subrounded gravel and cobbles 0.2–0.5 cm 100–140: 7.5YR 4/4; brown moderately compact silty sand *Water table at 100 cmbs *Augered from 100 cmbs *Terminated due to minimal sample recovery*	0–20 cmbs: Temporally non-diagnostic terra cotta drain pipe fragments (n = 3), milk glass fragment with embossing (n=1), temporally non-diagnostic colorless glass fragment (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
479	72	0–20: 10YR 4/3; sandy loam 20–40: 10YR 4/3; sandy loam 40–72: 10YR 3/2–4/2; fine sand *Water table at 60 cmbs *Terminated due to lack of retrieval*	0–20 cmbs: Aqua glass fragment (n=1), temporally non-diagnostic white earthenware ceramic fragment (n=1), temporally non-diagnostic colorless glass fragment (n=1) 20–40 cmbs: Temporally non-diagnostic clear plastic strap (n=1), temporally non-diagnostic white earthenware ceramic fragment (n=1), pumpkin seeds (n=2)
480	205	0–10: 10YR 4/3; sandy loam loose 10–80: 10YR 4/3; sandy loam loose 80–160: 10YR 4/3; sandy loam loose 160–205: 10YR 4/2 with spots of 4/4; silt and sand *Water table at 150 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	0–10 cmbs: Temporally non-diagnostic metal chunks (n = 3)
481	230	0–25: 10YR 4/3; loam, high gravel content 25–40: 10YR 4/3; sandy loam, moderate gravel content 40–230: 10YR 4/2; fine grain sand, very few gravels *Water table at 150 cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval*	55 cmbs: Temporally non-diagnostic fragments clear flat glass (n = 3), temporally non-diagnostic rusty metal chunk (n=1) 115 cmbs: Temporally non-diagnostic terra cotta tile fragment (n=1), temporally non-diagnostic colorless glass fragment (n=1), temporally non-diagnostic white earthenware ceramic transferware fragments (n=3)
482	180	0–45: 10YR 5/3; loam, some gravels small–medium 45–125: 10YR 4/4; sandy silt, few gravels 125–150: 10YR 4/3; compacted silt, no gravels 150–160: 10YR 4/2; sandy clay, no gravels, oxidized compactions 160–180: 10YR 4/1; coarse sandy with oxidized compactions, no gravels *Augered from 70 cmbs *Water table at 150 cmbs *Terminated due to lack of retrieval*	10 cmbs: Modern colorless flat glass fragment (n=1) and modern amber glass fragment (n=1) 115 cmbs: Temporally non–diagnostic green bottle glass fragment (n=1) 150 cmbs: Owens Illinois Glass Company green bottle glass fragment (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
483	165	0–20: 10YR 4/3; sandy loam, plow zone 20–40: 10YR 4/2 with spots of 10YR 4/4; very compact silts 40–155: 10YR 2/2–2/1; fine silt and 8% subrounded 1–3 cm gravel; spots of 10YR 4/4 @150 cmbs 155–165: Coarser sand *Water table at 150 cmbs *Augered from 40 cmbs *Terminated due to lack of retrieval*	120 cmbs: Temporally non-diagnostic white earthenware ceramic rim with gold decoration (n = 1), temporally non-diagnostic colorless glass fragments (n = 31); aqua glass fragment (n = 1), temporally non-diagnostic white earthenware ceramic fragments (n = 3), blue and white earthenware ceramic fragment (n = 1), unidentifiable faunal bone or shell fragments (n = 2)
484	120	0–10: 10YR 4/2; sndy silt loam with common subrounded and subangular pebbles and chunks of concrete asphalt 10–20: Many chunks of asphalt and concrete with some 10YR 4/2 sandy silt loam 20–55: 10YR 4/2; sandy silt with common subrounded to subangular pebbles 55–100: 2.5Y 6/1; fine sand with 10YR 4/6 mottling, common subrounded and subangular pebbles 100–120: 2.5Y 3/1; medium coarse sand with no gravels *Augered from 100 cmbs *Water table at 100 cmbs *Terminated due to lack of retrieval*	0–20 cmbs: Temporally non-diagnostic small brick or terra cotta drainpipe fragments (n = 2)
485	110	0–60: 10YR 4/3; sandy loam 60–80: 10YR 4/2–3/2; silty sand with spots of 4/4 80–110: 10YR 2/2; medium–fine sand *Terminated due to lack of retrieval*	No recovery
486	100	0–60: 10YR 4/3; clay heavy loam, gradual transition 60–100: 10YR 2/2; fine to medium sand, medium sand at 90 cmbs	0–40 cmbs: Temporally non-diagnostic ceramic drainpipe frags (~1 cm), plastic label
487	225	0–40: 10YR 4/2; sandy silt loam, well compacted, common subrounded–subangular pebbles; gradual transition 40–150: 10YR 5/2; silty sand, very well compacted with 10YR 4/6 mottling oxidation; a few large angular basalt fill pebbles, some–few subrounded and subangular pebbles 150–200: 2.5Y 6/1; fine sandy clay, a few charcoal flecks 150–155 cmbs, no gravels 200–225: 2.5Y 3/1; medium coarse sand, no gravels *Augered from 55 cmbs *Water table at 150 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
488	155	0–26: 10YR 4/3; silty loam, some small gravels 26–120: 10YR 5/3; sandy silt, few gravels 120–155: 10YR 3/3; coarse sand, no gravels *Augered from 70 cmbs *Water table at 140 cmbs *Terminated due to lack of retrieval*	80–90 cmbs: Temporally non-diagnostic colorless flat glass fragment (n=1)
489	270	0–25: 10YR 4/1; fine sand with 15% subangular 3–10 cm gravels 25–60: 10YR 3/2; medium sand with 15% subangular 3–10 cm gravels 60–70: 10YR 5/3; compact silt with 15% subangular 3–5 cm gravels 70–270: Gley 1 4/N; clay and silt; gradual transition to some 10YR 4/4 with oxidized spots and more fine sand *Augered from 60 cmbs *Terminated due to lack of retrieval*	No recovery
490	260	0–15: 10YR 4/3; clay sandy loam with 10% subangular gravels 15–60: 10YR 4/2; coarse sand with 15% subangular 3–5 cm gravels 60–100: 10YR 5/3; clay and silt with spots of 4/4 100–260: Gley 1 4/N; clay and silt graduating to more fine sand *Augered from 60 cmbs *Terminated due to lack of retrieval*	0–15 cmbs: Temporally non-diagnostic fork (n=1), temporally non-diagnostic glass fragment (n=1), foam, plastic
491	200	0–60: 10YR 4/3; medium sand/loam with 15% subangular–subrounded gravels 60–100: 10YR 4/2; silty sand with clay 100–200: 10YR 5/2; sandy silt graduating to more sandy *Augered from 60 cmbs *Terminated due to lack of retrieval*	No recovery
492	180	0–24: 10YR 4/2; loam, high medium–large subrounded gravel content 24–40: 10YR 4/3; loam, high medium–large subrounded gravel content 40–155: 5YR 5/1; silty clay, low gravel content 155–180: 2.5Y 4/2; sand, no gravels *Water table at 70 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
493	180	0–20: 10YR 4/2; brown loosely compact silty sand with 10% subangular gravel 0.5–2.5 cm; abundant roots 20–70: 10YR 4/3; brown loosely compact silty sand 70–125: 5YR 5/1; brown wet loosely compact silty sand 125–140: 2.5Y 4/2; brown moderately compact sand with mottled red/gray clay nodules 140–180: 7.5YR 3/3; very dark gray moderately compact fine sand *Water table at 70 cmbs *Augered from 75 cmbs *Terminated due to minimal sample recovery*	No recovery
494	150	0–20: 7.5YR 4/2; brown loosely compact silty sand; mo gravels or cobbles 20–70: 7.5YR 4/4; brown moderately compact silty sand with mottled red/gray clay nodules 70–100: 7.5YR 4/4; brown wet moderately compact silty sand with mottled red/gray clay nodules 100–150: 7.5YR 3/3; very dark gray moderately compact fine sand *Water table at 70 cmbs *Augered from 70 cmbs *Terminated due to minimal sample recovery*	No recovery
495	200	0–20: 7.5YR 4/2; brown loosely compact silty sand; no gravels or cobbles 20–70: 7.5YR 4/4; brown moderately compact silty sand with mottled red/gray clay nodules 70–140: 7.5YR 4/4; brown wet moderately compact silty sand with mottled red/gray clay nodules 140–200: 7.5YR 3/3; very dark gray moderately compact fine sand *Water table at 70 cmbs *Augered from 70 cmbs *Terminated due to minimal sample recovery*	No recovery
496	320	0–24: 10YR 4/2; silty clay loam, moderate gravel content 24–135: 5YR 5/1; silty sandy clay, moderate gravel content 135–320: 2.5Y 4/2; medium fine sand, no pebbles, few scattered clay nodules of 2.5Y 4/2 *Augered from 78 cmbs *Water table at 45 cmbs *Terminated due to lack of retrieval and water–saturated sands*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
497	365	0–20: 10YR 4/2; loam, medium gravel content, medium–large subrounded gravels 20–55: 10YR 4/3; silty sand, some subrounded gravels 55–105: 5YR 5/1; silty sandy clay, no gravels 105–150: 2.5Y 4/2; sandy clay, no gravels 150–365: Gley 1 4/N; coarse sand, no gravels *Water table at 95 cmbs *Augered from 55 cmbs *Terminated due to lack of retrieval*	No recovery
498	130	0–10: 10YR 4/2; sandy loam with roots 10–12: 10YR 5/3; medium sand with 90% 1–3 cm rounded gravel 12–40: 10YR 4/3; sandy loam 40–45: 10YR 5/1; medium sand with 5% 1–3 cm rounded gravel 45–75: 10YR 4/3; clayey silt 75–90: 10YR 4/3; clayey silt with 5% organics 90–120: 5YR 5/1; clayey silt with 5% organics, marsh 120–130: 10YR 2/2; coarse sand with spots of 10YR 4/4, very loose *Water table at 75 cmbs Augered from 100 cmbs *Terminated due to lack of retrieval*	No recovery
499	250	0–10: 10YR 3/3; clayey loam with modern trash 10–250: 10YR 4/3; sandy loam and silts, very fine; gradual transition to sandier 10YR 4/2, fine–medium; gradual transition to 10YR 3/2 pure coarse sand *Augered from 100 cmbs *Terminated due to lack of retrieval*	No recovery
500	100	0–30: 7.5YR 4/2; silty loam, high small–medium subrounded gravels 30–55: 10YR 4/2; sandy clay, some subrounded gravels 55–105: 2.5Y 4/1; clay–sand, no gravels *Water table at 65 cmbs *Augered from 65 cmbs *Terminated due to log obstruction blocked auger at 100 cmbs*	50 cmbs: Temporally non-diagnostic flat glass colorless fragment (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
501	150	0–25: 7.5YR 3/2; dark brown loosely compact silty loam with abundant roots 25–70: 7.5YR 4/4; brown moderately compact silty sand with 10% small to large subrounded cobbles 0.5–10 cm; some red/gray clay nodules 70–90: 7.5YR 4/4; moderately compact silty sand with small cobbles and clay nodules 90–150: 7.5YR 3/3; very dark gray coarsely compact fine silty sand *Water table at 70 cmbs *Augered from 70 cmbs *Terminated due to no sample recovery*	No recovery
502	195	0–40: 10YR 4/2; silty loam, moderate subrounded gravels small–medium 40–57: 10YR 4/1 with 10YR 4/4 mottling; sandy clay, some gravels 57–126: 7.5YR 3/1; sand, no gravels 126–140: 7.5 YR 4/1; sandy clay, no gravels 140–195: 10YR 3/1; sand, no gravels *Water table at 65 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval*	No recovery
503	170	0–20: 7.5YR 3/2; dark brown loosely compact silty loam with abundant roots 20–70: 7.5YR 4/4; brown moderately compact silty sand with 10% subrounded gravel and cobbles 0.5–10 cm 70–80: 7.5YR 4/4; moderately compact silty sand with 10% gravel and subrounded cobbles 0.5–5.0 cm 80–170: 7.5YR 3/3; very dark gray moderately compact fine silty sand *Water table at 70 cmbs *Augered from 70 cmbs *Terminated due to no sample recovery*	No recovery
504	121	0–30: 7.5YR 3/2; soft to firm plastic loam 30–87: 10YR 4/1; firm mottled plastic clay, band of sand @75–80 cm 87–121: 5YR 3/2; loose fine sand *Augered from 87 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
505	93	0–50: 10YR 4/2; clayey silt loam with few subrounded and subangular pebbles 50–65: 10YR 6/1; silty clay loam with 10YR 6/6 mottling, no gravels 65–93: 10YR 4/1; medium coarse sand, no gravels *Water table at 65 cmbs *Augered from 65 cmbs *Terminated due to lack of retrieval*	0–10 cmbs: Temporally non-diagnostic blue sheet plastic fragment (n=1) 40–50 cmbs: Temporally non-diagnostic colorless glass (n = 2), temporally non-diagnostic very thin blue glass/plastic fragment (n=1) 60–65 cmbs: Temporally non-diagnostic red plastic fragment (n=1)
506	125	0–35: 10YR 4/3; silty loam, moderate small–medium gravels 35–60: 10YR 4/2; silty–sandy clay, some small gravels 60–125: 10YR 3/2; sand, no gravels *Water table at 65 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval*	0–35 cmbs: Temporally non-diagnostic modern mirror fragment (n=1), modern PVC fragments (n=3) 30–40 cmbs: Temporally non-diagnostic porcelain fragment with blue design (n=1), amber bottle glass fragment (n=1)
507	170	0–20: 7.5YR 3/2; dark brown loosely compact silty loam with abundant roots 20–70: 7.5YR 4/4; brown moderately silty sand with 10% subrounded gravel and cobbles 0.5–10 cm; small clay nodules 70–90: 7.5YR 4/4; moderately silty sand with subrounded gravel and cobbles and clay nodules 90–170: 7.5YR 3/3; very dark gray loosely compact fine silty sand *Water table at 70 cmbs *Augered from 70 cmbs *Terminated due to no sample recovery*	No recovery
508	135	0–37: 10YR 4/2; clayey silt loam, well–compacted, few subrounded and subangular pebbles 37–49: 10YR 6/1; silty clay loam with 10YR 6/6 mottling, few subrounded and subangular pebbles 49-135: 10YR 4/1 medium coarse sand with very few rounded and subrounded pebbles *Water table at 70 cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval*	10–20 cmbs: Temporally non-diagnostic unidentifiable metal fragment (nail or screw, heavily rusted) (n=1)
509	177	0–35: 10YR 4/3; silty loam, some small–medium gravels 35–50: 10YR 4/2; some small subrounded gravels 50–177: 10YR 3/2, sand, no gravels *Water table at 90 cmbs *Augered from 100 cmbs *Terminated due to lack of retrieval*	35–50 cmbs: Temporally non-diagnostic small colorless glass fragment (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
510	150	0–50: 10YR 4/2; clayey silt loam with few–some subrounded to subangular pebbles, well compacted 50–90: 10YR 6/1; silty clay loam with 10YR 6/6 mottling, few subrounded subangular pebbles 90–140: 10YR 4/1; medium fine sand with few subrounded–subangular pebbles 140–150: 2.5Y 5/1; medium coarse gray sand, no gravels *Water table at 90 cmbs *Augered from 100 cmbs *Terminated due to sand and water saturation*	30–40 cmbs: Temporally non–diagnostic colorless glass fragment (n=1) 40–50 cmbs: Temporally non-diagnostic styrofoam fragment (n=1) 80–90 cmbs: Temporally non-diagnostic styrofoam fragment (n=1)
511	107	0–40: 10YR 4/3; sandy loam, some gravels, assorted shape 40–90: 10YR 4/2; silty sand, some small gravels, subrounded 90–107: 10YR 3/2; sand, no gravels *Water table at 90 cmbs *Augered from 100 cmbs *Terminated due to lack of retrieval*	No recovery
512	170	0–40: 10YR 4/3; sandy loam with medium trash, with 5% subangular to subrounded 3–5 cm gravels 40–80: 10YR 4/2; loam with clay 80–120: 10YR 5/2; clay with spots of 4/4 silt 120–170: 10YR 3/2; coarse–medium sand *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
513	220	0–40: 10YR 4/3; sandy loam with medium trash, with 5% subangular to subrounded 3–5 cm gravels 40–100: 10YR 4/2; loam with clay 100–150: 10YR 5/2; clay with spots of 4/4 silt 150–220: 10YR 3/2; coarse–medium sand *Augered from 100 cmbs *Terminated due to lack of retrieval*	40–100 cmbs: Temporally non-diagnostic plastic fragments (n=3)
514	216	0–40: 10YR 4/3; sandy loam with medium trash, with 5% subangular to subrounded 3–5 cm gravels 40–100: 10YR 4/2; loam with clay 100–120: 10YR 5/2; clay with spots of 4/4 silt 120–216: 10YR 3/2; coarse–medium sand *Augered from 100 cmbs Terminated due to lack of retrieval	No recovery
515	190	0–40: 10YR 4/3; sandy loam with medium trash, with 5% subangular to subrounded 3–5 cm gravels 40–80: 10YR 4/2; loam with clay 80–140: 10YR 5/2; clay with spots of 4/4 silt 140–190: 10YR 3/2; coarse–medium sand *Augereed from 80 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
516	50	0–20: 10YR 4/3; sandy loam with 5% subangular 3–5 cm gravels 20–50: 10YR 5/2; coarse sand with 20% subangular 5–15 cm gravels, fill *Terminated due to excessive sediment compact*	No recovery
517	120	0–25: 7.5YR 3/2; soft plastic sandy loam; clear contact 25–85: 10YR 4/1; semi-firm to firm plastic clayey silt, mottled iron strain, clear contact 85–120: 5YR 3/2; loose fine sand *Water table at 60 cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval*	No recovery
518	190	0–50: 10YR 4/2; slty loam, some small subrounded gravels 50–80: 10YR 4/2; sandy clay, few gravels 80–130: 7.5YR 5/1; sand, few gravels 130–190: 10YR 5/3; sandy clay, no gravels *Water table at 70 cmbs *Augered from75 cmbs *Terminated due to lack of retrieval*	15 cmbs: Temporally non-diagnostic amber glass fragment (n=1_ 70 cmbs: Temporally non-diagnostic colorless glass fragment (n=1)
519	150	0–60: 7.5YR 3/2; firm loam 60–80: 10YR 4/1; firm plastic clayey silt with iron mottling 80–150: 2.5YR 3/1; loose fine sand Augered from 85 cmbs *Water table at 60 cmbs **Terminated due to refusal on hard, angular object*	0–10 cmbs: Temporally non-diagnostic white earthenware ceramic fragment (1” by 3/4” by 2/16”) (n=1) 75 cmbs: temporally non-diagnostic metal item, possible bicycle seat? (n=1)
520	90	0–40: 7.5YR 3/2; firm loam 40–60: 5YR 4/1; firm plastic clayey silt with iron mottling 60–90: 2.5 YR 4/1; loose fine sand *Water table at 77cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval*	No recovery
521	95	0–40: 10YR 4/2; clayey silt loam with common rounded and subrounded pebbles 40–95: 10YR 4/1; medium fine sand with common subrounded and subangular small pebbles *Water table at 70 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval due to water saturation and loose sand*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
522	190	0–35: 10YR 4/2; silty loam, moderate gravels subrounded small 35–60: 10YR 4/2; silty sand, small–medium subrounded gravels 60–170: 7.5Y 5/1; clay–sand, no gravels 170–190: 10YR 5/3; coarse sand, no gravels Water table at 60 cmbs *Augered from 90 cmbs **Terminated due to lack of retrieval*	No recovery
523	125	0–40: 7.5YR 3/2; firm loam 40–65: 5YR 4/1; firm plastic clayey silt with iron mottling 65–125: 2.5YR 4/1; loose fine sand *Augered from 65 cmbs *Terminated due to lack of retrieval*	No recovery
524	185	0–40: 7.5YR 3/2; firm loam 40–60: 5YR 4/1; firm plastic clayey silt 60–185: 2.5YR 4/1; loose fine sand *Water table at 55 cmbs *Augered from 85 cmbs *Terminated due to lack of retrieval*	No recovery
525	170	0–40: 10YR 4/2; fine sandy silt with many grass roots and few subrounded and subangular pebbles, well–compacted; gradual transition 40–110: 10YR 5/1; silty sand with 10YR 4/6 mottling, very few small subrounded and subangular pebbles; gradual transition 110–150: 10YR 5/1; fine sand with 10YR 4/6 mottling, no gravels; clear boundary 150–170: 2.5Y 3/1; medium coarse sand, no gravels *Water table at 65 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval with auger du to water saturated sand*	No recovery
526	170	0–35: 10YR 4/2; sandy silty loam, some subrounded gravels 35–120: 7.5YR 5/3; silty sand, few gravels 120–170: 10YR 5/3; sand, no gravels *Water table at 65 cmbs *Augered from 90 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
527	175	0–45: 10YR 4/2; fine sandy silt loam with many grass roots and few subangular and subrounded pebbles, well compacted 45–115: 10YR 5/1; silty sand with 10YR 4/6 mottling, very few small subrounded and subangular pebbles 115–130: 10YR 5/1; silty sand with 2–5 cm chunks of semi–concreted clayey sand 10YR 4/6 130–175: 2.5Y 3/1; medium fine sand with no gravels, a few organics (decomposing woody debris from ~130–140 cmbs) *Water table at 85 cmbs *Augered from 95 cmbs *Terminated due to lack of retrieval with auger due to water saturated sand*	No recovery
528	150	0–40: 7.5YR 3/2; sandy loam, few gravels 40–70: 10YR 4/2; silty sand, few gravels 70–150: 10YR 4/3; sandy with occasional clay pockets, no gravels, occasional oxidized concretions *Water table at 65 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
529	160	0–40: 7.5YR 3/2; firm loam 40–50: 10YR 4/1; firm, plastic clayey silt with iron mottling 50–160: 2.5YR 3/1 to N4 and 7.5YR 3/1; graded layers of loose fine sand and soft silt with pockets of decomposed organics; abundant 5YR iron staining at top *Water table at 60 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
530	190	0–45: 7.5YR 3/2; firm loam 45–80: 10YR 5/1; firm, plastic clayey silt with iron mottling 80–190: 2.5YR 3/1; grading layers of loose fine sand and soft silt *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
531	150	0–50: 7/5YR 3/2; firm sandy loam 50–80: 2.5YR 4/2; loose fine sands with iron mottling and small pockets of 10YR 5/1 firm plastic clayey silt with iron mottling 80–150: 2.5YR 3/1; grading bands of loose fine sands and soft plastic silts; Abundant 5YR 5/6 iron staining at top *Water table at 60 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
532	203	0–40: 7.5YR 3/2; firm sandy loam, gradual transition 40–60: 2.5YR 3/2; mottled fine–very fine sand with small pockets of 10YR 5/1 clayey silt; clear contact, disturbed 60–75: 10YR 5/1; firm, plastic clayey silt; undetermined transition 75–203: 2.5YR 3/1; grading layers of firm, somewhat plastic silt to very fine and loose fine sand; abundant 5YR 5/6 iron staining at top *Water table at 57cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
533	156	0–50: 7.5YR 3/2; firm loam with too many tiny rootlets 50–80: 2.5YR 4/1; mixed loose fine sand and pockets of 10YR 4/1 firm plastic clayey silt 80–156: 2.5YR 4/1 – 3/1; grading bands of soft, sticky clayey silt and loose fine sand *Water table at 70 cmbs *Augered from 73 cmbs *Terminated due to lack of retrieval*	No recovery
534	60	0–15: Black organic-rich sandy landscaping topsoil, clear contact 15–35: 2.5Y 6/4; sandy gravel fill, angular –subrounded 0.7–4 cm, clear contact 35–50: 5R 6/1; firm, brittle, slightly mottled silt, gradual transition 50–60: N5; soft highly plastic clay] *Terminated due to inhibitive root*	No recovery
535	60	0–45: 10YR 3/2; well-drained silty sand, high subangular gravel content, small–medium 45–60: 10YR 4/4; coarse sand with high subangular small–large gravel content *Terminated for rock obstruction at 60 cmbs*	0–45 cmbs: Temporally non-diagnostic ceramic fragment (n=1) 45–60 cmbs: Temporally non-diagnostic red glass fragment (n=1), temporally non-diagnostic tan ceramic fragment (n=1)
536	40	0–10: 7.5YR 3/1; soft, slightly sandy loam, gradual transition 10–28: 7.5YR 4/2; soft loam, gravel and cobbles to 18 cm diameter, clear contact 28–31: 5YR 5/6; iron-stained fine sand, clear contact 31–40: 5R 6/1; soft, slightly plastic slightly clayey silt with light iron mottling *Terminated due to inhibitive root*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
537	40	0–10: Black sandy landscaping topsoil, clear contact 10–25: 5R 6/1; slightly clayey silt with some iron staining, clear contact 25–40: 5YR 5/4; loose, moderately iron–stained fine sand with 20% rounded 0.5–14 cm gravel and cobbles *Terminated due to inhibitive roots and gravel density*	No recovery
538	265	0–20: 10YR 3/2; slightly silty sand, high subangular small–medium gravels 20–80: 10YR 4/4; high amount sub–rounded small–large gravels 80–150: 10YR 5/1; clay sand, no gravels 150–195 10YR 3/1; sandy clay, no gravels 195–210: 2.5Y 5/1; sand, no gravels 210–265: 10YR 2/1; clay, no gravels *Augered from 65 cmbs *Terminated due to risk of stuck auger*	No recovery
539	100	0–12: 7.5YR 3/2; soft loam and roots, gradual transition 12–40: 5R 6/1 and 5YR 5/4; brittle silt with iron staining and mottling, clear contact 40–50: Black assorted rust river sands and gravels, clear contact 50–65: 5YR 5/4; fine bank or floodplain sand with very few rounded pebbles, clear contact 65–100: 10YR 4/2; soft, highly plastic clays and silty clays *Augered from 40 cmbs *Terminated due to lack of retrieval*	No recovery
540	70	0–12: 7.5YR 3/1; loose loam and humic layer, gradual transition 12–60: 7.5YR 4/2; soft plastic clayey silt with 15% rounded–subrounded < 4 cm gravel; contains lens of 5YR 6/8 iron–stained silt and sand (noncohesive, nonplastic) at 55 cmbs on SW side; clear contact 60–70: Black assorted river sands and rounded–subrounded < 4 cm gravels *Terminated due to refusal in saturated river gravel*	No recovery
541	185	0–30: 10YR 3/2; coarse sand, moderate subrounded and subangular small–medium gravels 30–97: 5Y 4/2; coarse sand, moderate subrounded and subangular small–medium gravels 97–110: 5Y 3/1; coarse sand, no gravels 110–180: 10YR 4/1; sandy clay, no gravels 180–185: 10YR 3/2; silty sand, no gravels *Augered from 87 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
542	325	0–100: 7.5YR 3/2 –> N4 –> 5YR 4/2 –> N3; loose fine sands with 5% rounded—subrounded 0.5–1.5 cm gravel, clear contact; multiple 5+ cm charcoal patches or layers 100–180: 10YR 4/2; firm clay or silty clay (very low permeability, very plastic) with abundant patches of black or brown decomposed organics, clear contact 180–240: 10YR 4/1; very compact, possibly lightly cemented silty clay (hard, somewhat brittle but plastic once worked), clear contact 240–325: 10YR 4/2; very soft, highly plastic clay or silty clay with abundant poorly decomposed wood fragments *Augered from 100 cmbs *Terminated due to dangerous suction*	No recovery
543	110	0–15: 7.5YR 3/2; organic-rich sandy loam, gradual transition 15–43: 10YR 4/2; loose fine sand with 15% rounded–subangular 0.5–3 cm gravel, clear contact 43–60: 5R 5/1; soft brittle silt with iron mottling, clear contact 60–110: 5R 6/1; soft, highly plastic silty clay with iron mottling *Water table at 60 cmbs *Auger from 80 cmbs *Terminated due to lack of retrieval*	No recovery
544	120	0–35: 7.5YR 3/2; soft plastic loam; clear contact 35–90: 2.5YR 3/2; loose very fine sand with some iron staining; clear contact 90–120: N4; oft, somewhat plastic clayey silt with sparse iron staining *Water table at 70 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
545	100	0–50: 7.5YR 4/2; silty loam, low subrounded small gravel content 50–100: 10YR 2/2; sandy, no gravels *Water table at 50 cmbs *Augered from 60 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
546	130	0–45: 10YR 4/2; fine sandy silt loam, well compacted, slightly plastic, many roots, no gravels; gradual transition 45–80: 10YR 5/2; silty sand with some oxidation, few roots, no gravels; gradual transition 80–105: 10YR 5/2; fine sand with few roots, no gravels, very little oxidation; clear contact 105–130: 2.5Y 4/1; medium coarse sand with no gravels, no roots, no oxidation *Water table at 70 cmbs *Augered from 85 cmbs *Terminated due to lack of retrieval due to water saturated sand*	No recovery
547	210	0–105: Gray and brown fill sands with some subrounded and subangular small pebbles; clear contact 105–150: 10YR 3/1; clayey fine sand, no gravels; clear contact 150–190: 2.5Y 5/1; clay; clear contact 190–205: 10YR 4/2; silty sand with blackened sediment pockets; clear contact 205–210: 2.5Y 5/1; medium coarse sand *Water table at 180 cmbs *Terminated due to lack of retrieval due to water saturated sand*	0–10 cmbs: Temporally non-diagnostic unidentifiable rubber implement (n=1)
548	170	0–100: 2.5Y 4/2; sand, high amount of subrounded and rounded gravels small–large 100–150: 5Y 4/1; sandy clay, no gravels 150–160: 10YR 4/2; sandy clay mixed with some organics, no gravels 160–170: 10YR 2/2; sand, no gravels' *Water table at 80 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
549	160	0–30: 10YR 4/2; silty loam, moderate gravel content of small–medium subrounded gravels 30–80: 10YR 4/2; silty sand, no gravels 80–110: 10YR 4/1; sand, no gravels; layer of oxidized concretions at 90 cmbs 110–160: 10YR 4/1; sandy clay, no gravels *Water table at 80 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
550	190	0–45: 10YR 4/2; silty sand, few gravels, gradual soil transition 45–80: 10YR 3/1; silty sand, no gravels, heavy oxidized concretions; gradual transition 80-130: 2.5Y 4/1; silty clay, no gravels 130–140: 10YR 2/2; sandy silt organic layer, few gravels, duff, roots, grass 140–170: 10YR 4/1; sand, no gravels, abrupt transition 170–190: 10 YR 4/1 clay, 7.5 YR 4/4 organics; clay/organic layer, no gravels *Water table at 45 cmbs *Augered from 80 cmbs *Terminated due to lack of retrieval*	No recovery
551	190	0–30: 10YR 4/2; fine sandy silt loam with some subrounded and subangular pebbles; gradual transition 30–50: 10YR 5/2; silty sand with some oxidation, few subrounded and subangular pebbles; gradual transition 50–90: 10YR 4/1; sandy clay with oxidation and no gravels; gradual transition 90–115: 10YR 6/1; clay loam, no gravels, plasticity; gradual transition 115–125: Buried surface ? transition to below same as above with few organics; gradual transition 125–150: 10YR 3/2; buried surface, sandy silt with many small roots and organic matter; clear contact 150–190: 2.5Y 4/1; medium coarse sand, some gravels, some organics; from 150–160 cm, very few subrounded and subangular pebbles *Water table at 45 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval due to water saturated sand*	No recovery
552	300	0–5: 10YR 2/2; grassy loam 5–100: 2.5Y 4/2; loose silt/clay with some iron staining and > 5% organics 100–140: 10YR 3/4; clay loam with 20% organics 140–160: 2.5Y 4/1; clay and silt 160–180: 2.5Y 3/1; fine–medium sand 180–270: 2.5Y 4/2; clay loam with 20% organics, gradually more clay 270–300: 2.5Y 4/1; silt and clay *Water table at 5 cmbs *Augered from 100 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
553	260	0–30: 10YR 4/2; silty loam, moderate rounded gravels small–medium; gradual transition 30–90: 10YR 3/2; silty sand, few gravels; gradual transition 90–135: 10YR 3/1; silty clay, no gravels; gradual transition 135–160: 2.5Y 5/1; clay/organic layer, roots, grass, duff; abrupt transition 160–170: 10YR 4/2; silty organic layer, roots, grass, duff, no gravels; abrupt transition 170–200: 10YR 3/2; sand, no gravels; gradual transition 200–210: 2.5Y 5/1; clay, no gravels; abrupt transition 210–240: 10YR 3/3; prganic/silt layer, roots, grass, duff, no gravels; abrupt transition 240–250: 10YR 3/1; sand, no gravels; abrupt transition 250–255: 10YR 3/1; organic silt, no gravels; abrupt transition 255–260: 2.5Y 5/1; clay organic, no gravels *Water table at 60 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
554	240	0–70: 10YR 2/2; clay/heavy loam with 2% rounded 7–10 cm cobbles 70–130: 2.5Y 4/2; loose silt and clay with iron staining 130–150: 2.5Y 3/1; clay and sand with 5% organics (grass and rootlets) 150–200: 2.5Y 4/1; clay and silt, no organics. 200–240: 10YR 2/2; medium sand with band of 2.5Y 3/1 clay and sand gradually receding into clay and silt with no organics *Water table at 80 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
555	185	0–40: 10YR 4/2; sandy silt loam, many roots, some rounded and subrounded pebbles, slightly sticky; gradual transition 40–90: 10YR 5/2; silty sand loam with some oxidation, few rounded and subrounded pebbles, common roots; gradual transition 90–120: 10YR 4/1; sandy clay with moderate oxidation, plasticity, no gravel; gradual transition 120–130: 10YR 3/3; fine sandy clay, no gravel, some oxidation; gradual transition 130–170: 10YR 3/2; sandy silt with many rootlets and organic matter; clear contact 170–185: 2.5Y 4/1; medium coarse sand, no gravels *Water table at 80 cmbs *Augered from 45 cmbs *Terminated due to lack of retrieval due to water saturated sand*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
556	240	0–60: 10YR 5/3; mixed loam and sand with 10% rounded gravel (7–10 cm); disturbed fill 60–135: 2.5Y 4/2–5/2; loose silt and clay with iron staining 135–145: 2.5Y 4/1; clay 145–185: 2.5Y 3/1; clay and sand with 15% organics gradually more organics 185–200: 10YR 3/2; fine sand 200–240: 2.5Y 4/1; clay and sand with 15% organics *Water table at 260 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
557	195	0–25: 10YR 4/2; silty loam, moderate rounded gravels; gradual transition 25–60: 10YR 3/2; silty sand, moderate rounded small–med gravels; abrupt transition 60–105: 2.5Y 4/1; sand; abrupt transition 105–155: 10YR 3/1; sandy clay, no gravels; Abrupt transition 155–190: 2.5Y 4/1; clay organic layer, roots, grass, duff, no gravels; gradual transition 190–195: 2.5Y 4/1; clay, no gravels *Water table at 80 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval*	No recovery
558	250	0–30: 10YR 2/2; sandy loam 30–60: 2.5YR 4/2; loose silt with some iron 60–75: 2/5Y 3/1; fine sand 75–100: 5Y 4/1; clay and some silt 100–120: 5Y 5/1; clay 120–186: 2.5Y 5/2; clay and silt with 2% organics increasing to 10% organics 186–190: 10YR 2/1; sand with 10% organics 190–250: 2.5Y 5/2; clay with 10% organics *Augered from 72 cmbs *Terminated due to lack of retrieval*	No recovery

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
559	160	0–40: 10YR 4/2; sandy silt loam, many roots, some rounded and subrounded pebbles; gradual transition 40–70: 10YR 5/2; silty sandy loam with some oxidation, few rounded and subrounded pebbles, common roots; gradual transition 70–115: 10YR 3/2; clayey fine sand with no roots or gravels; gradual transition 115–130: 2.5Y 4/1; fine sandy clay, no oxidation, no gravels; clear contact 130–155: 10YR 4/4; silt loam with many fine roots and organic matter; clear contact 155–160: 2.5Y 4/1; fine sandy clay and no roots, no gravels *Water table at 70 cmbs *Augered from 45 cmbs *Terminated due to lack of retrieval due to water saturation*	0–40 cmbs: Temporally non-diagnostic plastic fragments (n = 5) of various types, including a candy wrapper
560	180	0–30: 10YR 4/2; silty loam, medium rounded gravels small–medium; gradual transition 30–45: 10YR 3/2; silty sand, medium small to medium gravels; gradual transition 85–130: 2.5Y 4/1; clay, no gravels; abrupt transition 130–180: 2.5Y 4/1; clay organic layer, no gravels *Terminated due to lack of retrieval*	No recovery
561	125	0–45: 10YR 4/2; sandy silt loam with many rootlets and some rounded and subrounded pebbles; gradual transition 45–55: 10YR 6/2; silty sandy loam with few rounded and subrounded pebbles, moderate oxidation; gradual transition 55–80: 10YR 6/1; sandy loam with no gravels, some oxidation; gradual transition 80–100: 10YR 5/2; clay loam with some oxidation, no gravels or roots; gradual transition 100–125: 2.5Y 4/1; medium coarse sand, no gravels or roots or oxidation. *Water table at 85 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval due to water saturated sand*	0–20 cmbs: Modern amber bottle glass fragment (n=1))

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
562	120	0–25: 10YR 4/2; silty loam, medium rounded gravel content, small gravels; gradual transition 25–50: 10YR 4/3; silty sand, low gravel content and small rounded gravels; gradual transition 50–75: 10YR 4/3; sandy loam, few rounded small gravels; gradual transition 75-120: 10YR 3/1; fine sand, no gravels, some oxidized concretions *Water table at 85 cmbs *Augered from 70 cmbs *Terminated due to lack of retrieval*	No recovery
563	170	0–85: 10YR 4/2 0–10 cm, 10YR 5/3 10–30 cm, 10YR 3/2 30–40 cm, 10YR 6/3 40–85 cm; fill to mix of fine and coarse sand with chunks of concrete and many subrounded and rounded subangular and angular pebbles; 30–40 cm, previous fill surface 85–105: 10YR 4/1; sandy loam with moderate oxidation, mixed with sandy fill sediment 10YR 6/3 same as above; disturbed 105–170: 2.5Y 4/1; fine sand, few rounded pebbles; native soil *Augered from 100 cmbs *Water table at 140 cmbs *Terminated due to lack of retrieval due to water saturated sand sediment*	10–20 cmbs: Temporally non-diagnostic plastic candy wrapper (n=1) 40–50 cmbs: Temporally non-diagnostic plastic gum wrapper fragment (n=1) 60–70 cmbs: Temporally non-diagnostic amber glass fragment (n-=1) 70–80 cmbs: Temporally non-diagnostic amber glass fragment (n=1) 90–100 cmbs: Temporally non-diagnostic amber bottle glass fragment (n-1)
564	70	0–40: 10YR 5/3; fine grain sand, high subangular–subrounded gravel content 40–70: 10YR 5/4; pea–small gravel with some sand, high rounded gravels *Augered from 55 cmbs *Terminated due to lack of retrieval*	0–40 cmbs: Temporally non-diagnostic translucent glass fragment (n=3), temporally non-diagnostic unidentifiable metal fragments (n=3), temporally non-diagnostic amber glass fragment (n=1) 55 cmbs: Temporally non-diagnostic peach pits (n=3), temporally non-diagnostic amber glass fragments (n=3)
565	50	0–40: Fine grain sand, high subangular–subrounded small–medium gravel content; gradual transition 40–50: Coarse sand with high amount of small–medium subrounded–subangular gravels *Auger attempted at 50 cmbs with lack of retrieval *Terminated due to metal bar obstruction*	0–15 cmbs: Temporally non–diagnostic amber glass fragment (n=1) 40–50 cmbs: Temporally non-diagnostic brick fragments (n=3)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
566	60	0–5: 10YR 6/3; fill sand with many rounded pebbles and small cobbles; clear contact 5–10: 2.5Y 4/1; fill sand with many rounded pebbles and small cobbles; clear contact 10–60: Light brown fill sand with some rounded pebbles and small cobbles *Terminated due to PVC pipe at 60 cmbs*	0–10 cmbs: Temporally non-diagnostic colorless glass fragments (n = 9), flat black plastic fragment (n=1), temporally non-diagnostic rubber loop (n=1), temporally non-diagnostic wiring fragment (n=1) 10–20 cmbs: Temporally non-diagnostic colorless glass fragments (n = 2) 30–40 cmbs: Temporally non-diagnostic colorless glass fragment (n=1) 50–60 cmbs: Temporally non-diagnostic colorless glass fragment (n=1)
567	50	0–25: Yellowish-brown sandy fill, high subangular–subrounded small–large gravels; abrupt transition 25–50: Brownish-gray sandy fill, high amount subrounded–subangular small–large gravels *Augered from 45 cmbs *Terminated due to lack of retrieval due to excessively gravely sediment*	0–20 cmbs: Temporally non–diagnostic amber glass fragment (n=1), white plastic fragments (n=3), temporally non-diagnostic colorless glass fragments (n=3), electric fuse (n=1), milled lumber fragment (n=1), modern plastic fragments (n=3), temporally non-diagnostic colorless and amber glass fragments (n=5)
568	120	0–50: 10YR 6/3; fill sand with many rounded and subrounded pebbles and small cobbles; clear contact 50–75: 10YR 4/1; fine sandy loam, no gravels, few roots; gradual transition; shallow auger start due to metal wire impasse 75–120: 10YR 3/1; fine sand with moderate oxidation that increases with depth; few rounded and subrounded pebbles, no roots *Augered from 30 cmbs *Water table at 80 cmbs *Terminated due to lack of retrieval due to water saturated sand*	0–20 cmbs: Temporally non-diagnostic unidentifiable plastic fragments (n = 3), sheet plastic segment (n=1), light bulb part (n=1) 20–40 cmbs: Temporally non-diagnostic metal wire removed from hole (n = 1), metal wires in hole (not removed) (n = 3–5)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
569	170	0–75: 10YR 6/3; fill sand with many rounded and subrounded, subangular and angular pebbles; 0–20 cmbs some rounded and subrounded pebbles; 20–75 cmbs few concrete pieces; clear contact 75–140: 2.5Y 4/1; fine sand with some oxidation and common rounded and subrounded pebbles; common small roots from 75–90 cmbs; gradual transition 140–170: 2.5Y 4/1; fine to medium coarse sand; very little to no oxidation and some rounded and subrounded pebbles *Water table at 75 cmbs *Augered from 75 cmbs *Terminated due to lack of retrieval due to water saturated sands*	0–20 cmbs: Temporally non–diagnostic white plastic fragments (n = 2), plastic sheet fragment (n=1) 20–40 cmbs: Temporally non-diagnostic white plastic fragments (n = 3), unidentifiable metal fragment (n=1) 50–60 cmbs: Temporally non-diagnostic clear plastic fragment (n=1)
570	165	0–60: Yellow fill sand with high subrounded gravel content; abrupt transition 60–120: 10YR 4/1; sandy loam with small organics, roots, and duff; low gravel content; gradual transition 120–165: 10YR 4/2; sand, no gravels *Water table at 65 cmbs *Augered from 78 cmbs *Terminated due to lack of retrieval due to water saturated sands*	No recovery
571	115	0–50: 10YR 4/2; sand, high gravel content, small–large subrounded gravels; abrupt transition 50–115: 2.5Y 3/1; silty sand, some subrounded small–medium gravels *Water table at 80 cmbs *Augered from 55 cmbs *Terminated due to lack of retrieval*	20–30 cmbs: Temporally non-diagnostic colorless glass fragment (n=1)
572	45	0–45: 10YR 4/2 and 10YR 6/3; fill sand, common subrounded, subrounded subangular and angular pebbles and cobbles; few chunks of concrete and asphalt *Terminated due to battery obstruction*	0–20 cmbs: Temporally non-diagnostic segment of electrical wiring (n=1)
573	60	0–30: 10YR 2/2; silty sandy fill, moderate amount of subrounded gravels; abrupt transition 30–60: 10YR 4/6; glacial till, high subrounded and rounded gravel content; some charcoal *Terminated due to glacial till*	0–2 cmbs: Temporally non-diagnostic colorless, green, and amber glass fragments (n=5 total)
574	58	0–30: 7.5YR 3/1; loam, loose gravelly rounded to subrounded < 1.5 cm; clear contact 30–58: 2.5Y 6/3 and 5YR 6/8; clay through 13cm, very compact mottled, rounded to subrounded pebbles *Terminated due to at depth and glacial sediments*	0–30 cmbs: Temporally non-diagnostic brick fragments (2” by 3” by 1” and 2” by 1.5” by 0.25”) (n=2)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
575	63	0–26: 7.5 YR 3/1; loose gravelly loam with construction materials and modern trash 26–43: 10YR 4/2; soft clayey loam with < 2.5 cm granular? to cobbles, modern or non-diagnostic construction materials and modern trash 43–63: 2.5Y 6/4 and 5YR 6/8; compact silt through 13 cm rounded–subrounded pebbles grading to clay through pebbles *Terminated due to on rock at depth in glacial*	0–26 cmbs: Temporally non-diagnostic brick fragments (n = 4), temporally non-diagnostic unleaded glass fragments (n = 13), temporally non-diagnostic brown unleaded glass fragment; temporally non-diagnostic white earthenware ceramic fragment (n=1), temporally non-diagnostic metal wire cap (n=1), deteriorated leather fragment (n=1), modern foam chunk (=1)
576	95	0–35: 10YR 3/2; sandy silt loam that gets gradually sandier with increasing depth, some rounded–subrounded pebbles; many grass rootlets; clear boundary 35–65: 10YR 5/2; silty sand with some oxidation and some subrounded and rounded large pebbles, large root 43–45 cmbs; gradual boundary 65–95: 2.5Y 6/1; silty sand with common oxidation and common subrounded and rounded pebbles; glacial sediment *Augered from 75 cmbs *Terminated due to glacial cobbles preventing deeper augering*	0–15 cmbs: Temporally non-diagnostic flat colorless glass fragments (n = 5), modern plastic clothes hanger fragment (n=1), clamshell fragment (n=1), temporally non—diagnostic brick fragments (n =3) 15–30 cmbs: Modern plastic fragments (n = 3), temporally non-diagnostic colorless glass fragments (n = 5), faunal bone fragments (n = 3), temporally non-diagnostic brick fragments (n = 3)
577	63	0–36: 7.5YR 3/2; loose loam with non–diagnostic construction materials 36–63: 2.5Y 6/4 and 5YR 6/4 to 6/8; compact mostly monochromatic 5YR 6/4 silt through 13 cm pebbles grading to compact mottled clay through 8 cm rounded–subrounded gravel *Terminated due to depth in glacial*	0–36 cmbs: Temporally non-diagnostic colorless glass fragments (n = 3), temporally non-diagnostic amber glass fragment (n=3)
578	45	0–40: 10YR 3/2; sandy silt loam that is gradually sandier with increased depth; some rounded and subrounded pebbles, flecks of burnt earth and charcoal from 20–40 cmbs; clear boundary 40–45: 10YR 6/1; silty sand with common rounded and subrounded pebbles, glacial sediment *Terminated due to root obstruction*	0–20 cmbs: Temporally non-diagnostic colorless glass fragments (n = 3), white earthenware ceramic fragment (n=1) 20–40 cmbs: milk glass fragment (n=1)

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
579	70	0–20: 10YR 3/2; sandy silty loam, many rootlets, some rounded and subrounded pebbles; gradual transition 20–50: 10YR 5/2; sandy silty loam, few rootlets, some rounded and subrounded pebbles; some oxidation; a few charcoal flecks; clear contact 50–70: 2.5Y 6/1; sandy clay loam, moderately sticky; common rounded and subrounded pebbles and small cobbles; glacial sediment *Terminated due to rock obstruction*	0–20 cmbs: Temporally non-diagnostic colorless glass fragment (n=1)
580	44	0–30: 10YR 3/2; silty sand, common rounded and subrounded pebbles; many grass rootlets; charcoal fleck; gradual transition 30–44: 10YR 5/2; silty sand, few rootlets, some rounded and subrounded pebbles, utility pipe at 40 cmbs *Terminated due to unmarked burial utility pipe*	0–20 cmbs: Temporally non-diagnostic plastic fragments (n = 2), temporally non-diagnostic amber glass fragments (n = 2) 20–30 cmbs: Temporally non-diagnostic colorless glass fragment (n=1)
581	87	0–43: Dark brown silt, few subrounded gravels ranging from small to large pebbles, many fine and medium-sized roots 43–87: Brownish-gray silty clay, very few subrounded gravels ranging from small pebbles to small cobbles, some fine and medium-sized roots; redoximorphic features throughout *Terminated at glacial sediment*	None
582	67	0–60: Dark brown silty medium-grained sand, some subrounded gravels ranging from small pebbles to small cobbles, many fine and medium-sized roots 60–67: Grayish-brown fine-grained sandy silt, many rounded gravels ranging from small pebbles to medium cobbles, unmarked metal pipe with white plastic hookup *Terminated due to unmarked pipe in probe*	65 cmbs: Several fragments of modern white plastic
583	70	0–40: Dark brown silty loam, few rounded and subrounded gravels ranging from small to large pebbles, many fine shrub roots 40–70: Brown to yellowish-brown silty fine-grained sand, many rounded and subrounded gravels ranging from small pebbles to small cobbles *Terminated at glacial sediment*	5–40 cmbs: 25–30 shards of colorless window glass; 1 shard of brown bottle glass; 1 metal bottle cap; 3 fragments of hard gray plastic, 3 shards of porcelain, 1 fragments of white sheet plastic; 10–15 fragments of particle board, 1 segment of terracotta pipe; all cultural materials are modern or temporally nondiagnostic
584	43	0–43: Brown fine-grained sandy silt, very many pea gravels, very few rounded and surrounded gravels ranging from medium to large pebbles, some fine grass roots in uppermost 10cm — *imported fill* *Terminated due to impenetrable cemented cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
585	52	0–30: Brown sandy silt, many subrounded gravels ranging from small pebbles to medium cobbles, many fine and medium-sized roots 30–52: Brownish-gray silty fine-grained sand, many subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to boulder obstruction*	None
586	79	0–45: Light brownish-gray silty fine- to medium-grained sand, loose, some rounded to surrounded gravels ranging from small pebbles to medium cobbles, many fine roots 45–65: Strong brown fine-grained sandy loam, some rounded to subrounded gravels ranging from small pebbles to medium cobbles, decaying wood debris, trace charcoal throughout 65–79: Light gray fine-grained sandy silt, densely compacted, some rounded to subrounded gravels ranging from small pebbles to medium cobbles *Terminated at glacial sediment*	15–20 cmbs: 2 shards of temporally nondiagnostic brown bottle glass
587	65	0–48: Grayish-brown silty fine-grained sand, some rounded and subrounded gravels ranging from small pebbles to medium cobbles, many fine roots 48–65: Light gray silty fine-grained sand, many rounded and subrounded gravels ranging from small pebbles to large cobbles *Terminated at glacial sediment*	None
588	63	0–63: Grayish-brown silty sand, many rounded and subrounded gravels ranging from small pebbles to large cobbles, many fine roots *Terminated at impenetrable cobble layer*	None
589	67	0–50: Brown fine-grained sandy silt, some rounded and subrounded gravels ranging from small pebbles to small cobbles, many fine to large shrub and tree roots, large tree root below 47 cmbs 50–67: Light brown to yellowish-brown silty fine-grained sand, many rounded and subrounded gravels ranging from small pebbles to small cobbles, some fine tree roots *Terminated due to large root obstruction*	0–35 cmbs: 2 rusted wire nails (4 ½ " and 2 ½ "); 2 colorless glass bottle rim shards; 1 colorless glass window shard; 1 colorless glass bottle (?) shard; 1 porcelain tea cup handle; 1 brown glass bottle shard, 1 fragment of hard red plastic; 1 white sheet plastic fragment; 1 beige cotton patch/cloth fragment; all cultural materials are modern or temporally nondiagnostic
590	58	0–58: Light brown silty fine- to medium-grained sand, loose, very many subrounded gravels ranging from small pebbles to large cobbles *Terminated due to probe infilling*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
591	50	0–23: Grayish-brown silty sand, many rounded and subrounded gravels ranging from small pebbles to large cobbles, many fine to large roots 23–50: Brownish-gray silty sand, many subrounded to subangular gravels ranging from small pebbles to large cobbles *Terminated at glacial sediment*	None
592	30	0–30: Grayish-brown silty sand, many subrounded to angular gravels ranging from small pebbles to medium cobbles, many fine roots *Terminated at concrete slab obstruction*	0–20 cmbs: 4 large chunks of concrete, 3 small chunks of asphalt
593	90	0–45: Brown sandy silt, many rounded and subrounded gravels ranging from small pebbles to medium cobbles, many fine to large tree roots 45–90: Dark gray silty sand, many rounded to angular gravels ranging from small pebbles to medium cobbles, some medium-sized roots *Terminated at boulder obstruction*	0–5 cmbs: Ceramic figure (lawn ornament) head 5–40 cmbs: 10 fragments of plate glass and mirror; 3 fragments of coal; abundant charcoal fragments; abundant white and green plastic fragments; painted blue ceramic figure (lawn ornament) base; all cultural materials are temporally nondiagnostic
594	54	0–13: Dark brown medium-grained sandy silt, loose, few subrounded gravels (small pebbles), some fine roots 13–40: Dark gray to grayish-brown silty medium- to coarse-grained sand, densely compacted, many subrounded to subangular gravels ranging from small pebbles to large cobbles 40–54: Light gray sandy silt, some subrounded gravels ranging from small pebbles to large cobbles *Terminated at glacial sediment*	None
595	61	0–55: Light brown silty fine- to medium-grained sand, many subrounded gravels ranging from small pebbles to large cobbles, loose, some fine roots 55–61: Light gray fine-grained sandy silt, moderately compacted, very few subrounded gravels (small pebbles) *Terminated at glacial sediment*	0–10 cmbs: 1 temporally nondiagnostic white ceramic sherd 40 cmbs: 1 temporally nondiagnostic small metal rivet
596	68	0–45: Dark brown fine-grained sandy silt, some rounded and subrounded gravels ranging from small pebbles to medium cobbles, many fine- to medium-sized tree roots, trace quantities of charcoal throughout 45–68: Brown to light brown fine-grained sandy silt, many rounded and subrounded gravels ranging from small pebbles to medium cobbles, some fine- to medium-sized tree roots *Terminated due to large root and cobble obstructions*	10–40 cmbs: 3 wire nails (1 x 2 ⅝” and 2 x 2 ½”); 3 fragments of white sheet plastic; 1 yellow plastic tag “Pine, Black… Pinus Hunberg”; all cultural materials are temporally nondiagnostic or modern

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
597	42	0–42: Dark brown fine-grained sandy silt, many rounded and subrounded gravels ranging from small pebbles to large cobbles, some fine- to medium-sized tree roots *Terminated due to impenetrable layer of large concrete blocks*	15–35 cmbs: 1 rusted iron fragment; 1 colorless window glass shard; 1 white porcelain tile fragment; all cultural materials are temporally nondiagnostic or modern
598	35	0–35: Gravels with dark brown medium-grained sandy silt, loose, many subrounded to angular gravels ranging from small pebbles to large cobbles, angular chunks of concrete present throughout; disturbed and likely fill *Terminated due to boulder obstruction*	20 cmbs: 1 shard of brown bottle glass
599	60	0–40: Dark brown medium-grained sandy silt, some subrounded gravels ranging from small pebbles to medium cobbles, many fine shrub and tree roots 40–60: Dark gray to gray silty medium-grained sand, many rounded and subrounded gravels ranging from small pebbles to large cobbles *Terminated at glacial sediment*	None
600	68	0–37: Dark brown sandy silt, some subrounded gravels ranging from small pebbles to medium cobbles, many small and medium-sized roots 37–68: Dark gray silty sand, many rounded to angular gravels ranging from small pebbles to medium cobbles, some medium-sized tree roots *Terminated at boulder obstruction*	0–30 cmbs: 1 shard of temporally nondiagnostic colorless glass; abundant coal fragments
601	40	0–24: Dark brown sandy silt, many subrounded gravels ranging from small to medium pebbles, many fine roots 24–40: Dark gray silty clay, some subrounded gravels ranging from small pebbles to small cobbles, many medium-sized roots *Terminated due to inundated probe*	0–10 cmbs: 1 shard of temporally nondiagnostic colorless bottle glass
602	100	0–20: Light brown fine-grained sandy silt, many subrounded gravels ranging from small pebbles to medium cobbles, many rootlets 20–100: Grayish-brown silty medium- to coarse-grained sand, many subrounded to subangular gravels ranging from small pebbles to large cobbles, rootlets still present until below approximately 45 cmbs *Terminated at target depth*	5–10cmbs: 1 shard of temporally nondiagnostic colorless bottle glass
603	87	0–38: Brown sandy silt, many subrounded gravels ranging from small pebbles to small cobbles, many fine to large roots 38–87: Brownish gray densely compacted silt, few subrounded gravels ranging from small pebbles to small cobbles *Terminated at impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
604	45	0–10: Degraded wood debris, abundant woodchips, very many fine to medium-sized roots, and abundant leaf litter 10–45: Dark brown medium-grained sandy silt, some woodchips, some subrounded gravels ranging from small pebbles to medium cobbles, very many fine to large tree roots *Terminated due to large root obstructions*	0–10 cmbs: several Christmas-style light bulb fragments 25–35 cmbs: 3 clear colorless glass fragments; 2 clear and colorless fragments of a bottle bottom with embossing "2J… 81… 24"; all cultural materials are temporally nondiagnostic or modern
605	42	0–15: Dark brown medium-grained sandy silt, few subrounded gravels (small pebbles), many fine roots 15–35: Dark yellowish-brown medium-grained sandy silt, some to many subrounded to subangular gravels ranging from small pebbles to medium cobbles, some fine roots, some charcoal and woody debris throughout 35–42: Gray medium- to coarse-grained sand, very densely compacted, many subrounded gravels ranging from small pebbles to medium cobbles *Terminated at glacial sediments*	None
606	57	0–31: Light brown fine-grained sandy silt, few surrounded gravels ranging from small pebbles to small cobbles, many fine to medium-sized roots 31–57: Gray fine-grained sandy silt with gravels, many subrounded gravels ranging from small pebbles to large cobbles, some fine to medium-sized roots *Terminated at glacial sediments*	None
607	70	0–25: Grayish-brown fine-grained sandy silt, very compact, few rounded and subrounded gravels ranging from small to medium pebbles, some fine roots 25–70: Gray mottled silty clay, densely compacted, few to some subrounded gravels ranging from small to medium pebbles *Terminated due to impenetrably dense sediments*	None
608	80	0–18: Dark brown medium-grained sandy silt, few subrounded gravels ranging from small pebbles to small cobbles, abundant decaying vegetation and fine roots 18–25: Yellowish-brown moderately compacted fine-grained sandy silt, few subrounded gravels ranging from small pebbles to small cobbles 25–65: Yellowish-gray to pale gray fine-grained silty loam, few subrounded gravels ranging from small pebbles to small cobbles 65–80: Yellowish-gray clayey silt, densely compacted, few to many subrounded gravels ranging from small to medium cobbles *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
609	45	0–24: Dark brown silty loam, few subrounded gravels ranging from small pebbles to small cobbles, many fine roots, abundant degraded wood debris 24–45: Gray fine-grained sandy silt, moderately compacted, many subrounded gravels ranging from small pebbles to medium cobbles *Terminated at glacial sediments*	None
610	70	0–15: Brown fine-grained sandy silt, few subrounded gravels ranging from small to large pebbles, many fine roots 15–70: Grayish-brown silty loam, very compact, many subrounded gravels ranging from small pebbles to medium cobbles *Terminated at glacial sediments*	None
611	76	0–12: Grayish-brown fine- to medium-grained sandy silt, very few subrounded gravels (small pebbles) 12–40: Yellowish-gray fine-grained silty loam, densely compacted, very few subrounded gravels (small pebbles), redoximorphic features throughout 40–68: Gray to pale yellowish-gray clayey silt, medium- to coarse-grained sand inclusions, densely compacted 68–76: Yellowish-gray clayey silt, densely compacted, redoximorphic features throughout, abrupt cobble layer at 75 cmbs *Terminated due to impenetrable cobble layer*	None
612	45	0–29: Dark brown fine-grained sandy silt, few subrounded gravels (small pebbles), many fine roots, some woody debris 29–45: Light gray fine-to medium-grained sandy silt, some pockets of loamy sediment, moderately compacted, some surrounded to rounded gravels ranging from small pebbles to medium cobbles, few fine roots *Terminated at glacial sediments*	5–15 cmbs: Some modern plastic debris
613	68	0–18: Grayish-brown fine- to medium-grained sandy silt, loose, some subrounded gravels ranging from small pebbles to small cobbles, many fine grass and shrub roots 18–45: Yellowish-brown clayey silt, increasingly compacted with depth, very few subrounded gravels ranging from small pebbles to small cobbles 45–68: Pale gray medium-grained sandy clayey silt, very few subrounded gravels ranging from small pebbles to small cobbles; abrupt transition to cobble layer *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
614	60	0–25: Dark brown fine-grained sandy silt, many fine grass and shrub roots 25–50: Brown clayey silt, well-compacted, some rounded and subrounded gravels ranging from small pebbles to medium cobbles, redoximorphic features throughout 50–60: Grayish-brown silty clay, some rounded and subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to impenetrable cobble layer*	None
615	115	0–5: Degraded wood debris, many fine roots, abundant leaf litter 5–22: Grayish-brown medium- to coarse-grained sandy silt, loosely compacted, some subrounded gravels ranging from small pebbles to small cobbles, many fine roots 22–115: Yellowish-brown silty medium- to coarse-grained sand, loose, some to many subrounded gravels ranging from small pebbles to medium cobbles, gravel content increasing with depth *Terminated due to impenetrable cobble layer*	None
616	58	0–12: Brown fine-grained sandy silt, loose, some subrounded gravels ranging from small pebbles to small cobbles, many fine roots, abundant charcoal flecks and partially burned wood throughout 12–58: Yellowish-brown fine-grained sandy silt, moderately compacted, few subrounded gravels (small pebbles), medium tree roots present at 40 cmbs, abrupt transition to cobble layer below 55 cmbs *Terminated due to impenetrable cobble layer*	None
617	92	0–10: Degraded wood debris, many fine roots, abundant leaf litter 10–55: Dark brown fine- to medium-grained sandy silt, some subrounded gravels ranging from small pebbles to medium cobbles, many fine to medium-sized tree roots 55–92: Yellowish-brown silty medium- to coarse-grained sand, loose, very many subrounded to rounded gravels ranging from small pebbles to large cobbles *Terminated due to boulder obstruction*	None
618	50	0–50: Brown silty fine-grained sand, loose, some subrounded gravels ranging from small pebbles to small cobbles, some fine to large tree roots *Terminated due to large root obstructions*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
619	78	0–20: Brown fine-grained sandy silt, loose, some subrounded gravels ranging from small pebbles to medium cobbles 20–78: Light yellowish-brown silty fine- to medium-grained sand, some to many subrounded gravels ranging from small pebbles to medium cobbles, increasingly sandy and greater gravel content with depth *Terminated due to cobble and root obstructions*	None
620	80	0–7: Degraded wood debris, many fine roots, abundant leaf litter 7–16: Brown fine-grained sandy silt, some rounded and subrounded gravels ranging from small pebbles to small cobbles, many fine shrub and tree roots 16–80: Light brown fine-grained sandy silt, many to very many rounded and subrounded gravels ranging from small pebbles to large cobbles, some fine to medium-sized tree roots, increasing gravel content with depth *Terminated due to impenetrable cobble layer and probe infilling*	None
621	76	0–15: Pale grayish-brown medium-grained sandy silt, loose, very few subrounded gravels ranging from small to medium pebbles, some fine roots 15–40: Pale yellowish-gray fine- to medium-grained sandy silt, exceedingly densely compacted, very few subrounded gravels ranging from small to medium pebbles, some fine to medium-sized tree roots 40–76: Light gray fine- to medium-grained sandy silt, some to many subrounded gravels ranging from small pebbles to medium cobbles, some fine to medium-sized tree roots *Terminated due to cobble and root obstructions*	None
622	62	0–15: Grayish-brown fine-grained sandy silt, loose, some subrounded gravels ranging from small pebbles to small cobbles, many fine and medium-sized tree roots 15–62: Light yellowish-brown silty fine- to medium-grained sand, loose, many subrounded gravels ranging from small pebbles to medium cobbles, many fine and medium-sized tree roots *Terminated due to cobble and root obstructions*	None
623	50	0–50: Light yellowish-brown silty fine-grained sand, some to many subrounded gravels ranging from small pebbles to large cobbles, increasing gravel content with depth, some fine and medium-sized tree roots *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
624	90	0–8: Degraded wood debris, many fine roots, abundant leaf litter 8–65: Dark brown fine- to medium-grained sandy silt, some subrounded gravels ranging from small pebbles to medium cobbles, many fine and medium-sized tree roots 65–90: Yellowish-brown silty medium- to coarse-grained sand, loose, very many subrounded to rounded gravels ranging from small pebbles to large cobbles *Terminated due to infilling*	None
625	53	0–18: Dark grayish-brown fine-grained sandy silt with gravels, many fine and medium-sized tree roots 18–53: Yellowish-brown fine-grained sandy silt, many subrounded gravels ranging from small pebbles to medium-sized cobbles, many fine and medium-sized tree roots, increasingly compacted with depth *Terminated due to cobble and root obstructions*	None
626	84	0–32: Very dark brown fine- to medium-grained sandy silt, loose, few subrounded gravels ranging from small pebbles to small cobbles, many fine to large tree roots, abundant decaying wood debris 32–58: Pale brown fine-grained sandy silt, moderately compacted, increasing sand content below 45cm, some subrounded gravels ranging from small pebbles to medium cobbles, some fine to large tree roots, increasing sand content and compaction with depth 58–84: Yellowish-brown silty fine-grained sand, some subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to impenetrable cobble layer*	0–30cmbs: Several temporally non-diagnostic brown bottle glass shards
627	68	0–12: grayish-brown sandy silt, densely compacted, some subrounded to subangular gravels ranging from small pebbles to medium cobbles 12–68: Yellowish-gray fine-grained sandy silt, moderately compacted, some subrounded gravels ranging from small pebbles to medium cobbles, increasing gravel content and increasingly coarse-grained sands with depth *Terminated due to impenetrable cobble layer*	0–10 cmbs: Abundant modern plastic debris
628	60	0–60: Yellowish-brown silty sand, moderately compacted, many subrounded gravels ranging from small pebbles to medium cobbles, some fine to large tree roots *Terminated due to large root obstructions*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
629	48	0–8: Dark brown fine-grained sandy silt, loose, some subrounded gravels ranging from small to large pebbles, many fine to medium-sized tree roots 8–48: Dark yellowish-brown medium-grained sandy silt, moderately compacted, many subrounded gravels ranging from small pebbles to small cobbles, many fine to large tree roots *Terminated due to root and cobble obstructions*	None
630	30	0–30: Brown fine-grained sandy silt, some subrounded gravels ranging from small pebbles to small cobbles, many fine to large tree roots, sediments less compacted with depth *Terminated due to large root obstructions*	0–30 cmbs: Abundant modern plastic debris
631	45	0–5: Degraded wood debris, many fine roots, abundant leaf litter 5–45: Grayish-brown fine-grained sandy silt, some subrounded gravels ranging from small pebbles to medium cobbles, many fine to large tree roots *Terminated due to large root obstructions*	None
632	92	0–7: Reed mat, very many fine grass and shrub roots, some wood debris 7–36: Dark brown silty clay, somewhat compacted, very few subrounded gravels (small pebbles), some fine roots and woody debris 36–70: Grayish-brown silty clay, moderately compacted, some subrounded gravels ranging from small pebbles to medium cobbles 70–92: Dark gray clayey medium- to coarse-grained sand, very many subrounded gravels ranging from small pebbles to large cobbles *Terminated due to impenetrable cobble layer*	None
633	205	0–32: Dark brown silty clay, very few rounded gravels ranging from small to medium pebbles, many fine grasses and shrub roots 32–54: Grayish-brown silty clay with trace fine-grained sand, very few rounded gravels ranging from small to medium pebbles, few fine grass and shrub roots 54–160: Light brownish-gray to light gray silty clay, no gravel content, trace degraded wood debris and redoximorphic features throughout 160–205: Gray silty clay to silty coarse-grained sand, no gravel content *Terminated at target depth*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
634	90	0–40: Dark brown clayey silt, densely compacted, very few subrounded gravels (small pebbles) 40–75: Gray medium-grained sandy clay, very few subrounded gravels (small pebbles) 75–90: Gray medium- to coarse-grained sand, very few subrounded gravels (small pebbles) *Terminated due to inundated probe*	None
635	106	0–38: Very dark grayish-brown fine-grained sandy loam, loose, some subrounded gravels ranging from small to large pebbles, many fine roots 38–70: Grayish-brown silty medium- to coarse-grained sand, dark gray silty fine-grained sand inclusions, some subrounded gravels ranging from small to medium pebbles 70–106: Dark blueish gray silty fine- to medium-grained sand, some subrounded gravels ranging from small to medium pebbles, decreased gravel content with depth; water table at approximately 90 cmbs *Terminated due to inundated probe*	None
636	103	0–35: Dark brown silty medium-grained sand, loose, very few rounded gravels (small pebbles) 35–103: Grayish-brown to dark gray slightly silty medium-to-coarse grained sand, loose, few subrounded gravels ranging from small to large pebbles, abundant degraded wood debris below 95 cmbs; water table at approximately 95 cmbs *Terminated due to inundated probe*	None
637	93	0–32: Very dark brown silty medium-grained sand, loose, many fine roots and abundant degraded wood debris 32–55: Brown medium-grained sandy silt, loose, inclusions of blueish gray fine-grained sand, some subrounded gravels ranging from small to medium pebbles, some degraded wood debris and redoximorphic features throughout 55–93: Dark brown fine-grained sandy loam, some to many subrounded gravels ranging from small pebbles to medium cobbles, increased gravel content below 80 cmbs; water table at 85 cmbs *Terminated due to impenetrable cobble layer*	None
638	128	0–40: Dark brown silty clay loam, no gravel content, some fine to medium-sized tree and shrub roots 40–85: Grayish-brown silty clay, no gravel content, very few fine and medium-sized tree roots 85–128: Gray silty clay with occasional lenses of fine-grained silty sand, very few rounded and subrounded gravels ranging from small to medium pebbles *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
639	30	0–30: Dark brown silty medium-grained sand with pockets of gray fine-grained sand, loose, few subrounded gravels ranging from small pebbles to medium cobbles, many fine to large roots *Terminated due to cobble and root obstructions*	None
640		0–27: Dark brown silty fine-grained sand, loose, few subrounded gravels ranging from small to large pebbles, many fine to medium-sized shrub and tree roots 27–40: Brown silty fine-grained sand, some subrounded gravels ranging from small pebbles to medium cobbles, many fine to large tree roots *Terminated due to cobble and root obstructions*	None
641	70	0–24: Dark brown silty clay loam, very few rounded and subrounded gravels ranging from small to large pebbles, few fine shrub and tree roots 24–42: Brown silty fine-grained sand, some rounded and subrounded gravels ranging from small to large pebbles, very few fine shrub and tree roots 42–70: Dark olive brown silty fine- to medium-grained sand, loose, very many rounded and subrounded gravels ranging from small pebbles to small cobbles *Terminated due to probe infilling*	None
642	90	0–35: Grayish-brown silty fine-grained sand, few subrounded gravels ranging from small to large pebbles, some fine roots 35–45: Gray silty fine-grained sand, few subrounded gravels ranging from small to large pebbles 45–90: Dark brown fine-grained sandy loam, many subrounded gravels ranging from small pebbles to medium cobbles, increasingly densely compacted with depth *Terminated due to impenetrable cobble layer*	None
643	110	0–20: Dark brown fine- to medium-grained sandy silt, few subrounded gravels ranging from small to medium pebbles, some fine to medium-sized shrub and tree roots 20–110: Grayish-brown slightly silty medium- to coarse-grained sand, many subrounded gravels ranging from small pebbles to large cobbles, few fine tree roots; boulder taking up most of probe below 90 cmbs *Terminated due to boulder obstruction*	0–10 cmbs: Several small fragments of black plastic
644	130	0–90: Brown fine-grained sandy silt, many rounded and subrounded gravels ranging from small pebbles to small cobbles, fine shrub and tree roots down to 45cmbs 90–130: Very dark brown silty clay loam, some rounded and subrounded gravels ranging from small pebbles to small cobbles; water table at 125 cmbs *Terminated due to large cobble obstruction*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
645	138	0–12: Pale grayish-brown fine-grained sandy silt, densely compacted 12–42: Pale yellowish-gray fine-grained sandy silt, densely compacted, some subrounded gravels ranging from small pebbles to medium cobbles, trace charcoal throughout 42–95: Grayish-brown fine-grained silty loam, moderately compacted 95–125: Yellowish-brown to yellowish-gray clayey silt, densely compacted, few subrounded gravels ranging from small to medium pebbles, some degraded plant debris throughout 125–138: Dark gray to blueish gray clayey silt, water table at 130cmbs, some to many subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to impenetrable cobble layer*	None
646	200	0–30: Grayish-brown fine- to medium-grained sandy silt, very few subrounded gravels (small pebbles), some fine roots 30–200: Gray silty clay, densely compacted, few subrounded gravels ranging from small to medium pebbles, redoximorphic features throughout; water table at 170 cmbs, increased gravel content below 190cmbs *Terminated at target depth*	None
647	145	0–25: Dark brown medium- to coarse-grained sandy silt, moderately compacted, few subrounded gravels (small pebbles), some fine roots 25–145: Gray silty clay, compacted, few subrounded gravels (small pebbles) *Terminated due to impenetrably dense sediments*	None
648	206	0–42: Grayish-brown fine-grained sandy silt with some clay inclusions, very few subrounded gravels (small pebbles), many fine roots 42–110: Dark grayish-brown clayey silts, densely compacted, very few subrounded gravels (small pebbles) 110–165: Dark brown fine-grained silty loam, densely compacted, inclusions of coarse-grained sand, very few subrounded gravels (small pebbles), small quantities of wood debris, redoximorphic features throughout 165–206: Pale gray clayey silt, densely compacted, redoximorphic features throughout; water table at 200 cmbs *Terminated at target depth*	None
649	140	0–30: Brown clayey silt, very few subrounded gravels (small pebbles), many fine roots 30–35: Dark brown clayey silt 35–140: Grayish-brown slightly silty clay, densely compacted, very few subrounded gravels (small pebbles), increased clay content with depth *Terminated due to impenetrably dense sediments*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
650	182	0–18: Dark brown fine- to medium-grained sandy silt, moderately compacted, few subrounded gravels (small pebbles), many fine roots 18–58: Dark gray silty loam, densely compacted, some fine roots 58–125: Pale grayish-brown to yellowish-brown clayey silt with medium-grained sand inclusions, very densely compacted, very few rounded gravels (small pebbles), redoximorphic features throughout 125–182: Yellowish-brown silty clay; water table at 170 cmbs, abrupt transition to layer of subrounded gravels at 180 cmbs *Terminated due to dense gravel layer obstruction*	None
651	200	0–35: Dark brown clay loam, moderately compacted, few subrounded gravels ranging from small to medium pebbles, some fine roots 35–200: Gray silty clay, densely compacted, very few subrounded gravels ranging from small to medium pebbles, redoximorphic features throughout *Terminated at target depth*	None
652	205	0–23: Dark brown silty clay loam, moderately compacted, no gravels, few fine and medium-sized tree roots 23–60: Grayish-brown silty clay, densely compacted, no gravels, very few fine shrub and tree roots, redoximorphic features throughout 60–205: Gray silty clay, densely compacted, no gravels, redoximorphic features throughout *Terminated at target depth*	None
653	200	0–40: Dark brown loamy clay, moderately compacted, few subrounded gravels ranging from small to medium pebbles, some fine and medium-sized roots 40–200: Gray silty clay, densely compacted, very few subrounded gravels ranging from small to medium pebbles, redoximorphic features throughout; water table at 180 cmbs *Terminated at target depth*	None
654	200	0–20: Brown silty clay, moderately compacted, very few subrounded gravels (small pebbles) 20–200: Gray slightly silty clay, no gravels *Terminated at target depth*	None
655	204	0–24: Dark brown silty clay loam, moderately compacted, no gravels, few fine shrub and tree roots 24–204: Gray silty clay, moderately to densely compacted, one small rounded cobble at 40cmbs, very few fine shrub and tree roots, redoximorphic features throughout; water table at 100cmbs *Terminated at target depth*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
656	208	0–20: Dark brown fine- to medium-grained sandy silt, densely compacted, many fine and medium-sized roots, abundant degraded wood debris 20–56: Dark grayish-brown clayey silt, densely compacted, no gravels, some fine roots 50–115: Dark gray clayey silt, densely compacted, no gravels; water table at 115 cmbs 115–208: Gray to blueish gray clayey silt with medium-grained sand inclusions, densely compacted *Terminated at target depth*	None
657	205	0–25: Dark brown fine-grained sandy silt, very few subrounded small to medium pebbles, some fine shrub and tree roots, pocket of charcoal at 20 cmbs 20–205: Gray silty clay, densely compacted, very few subrounded gravels (small pebbles), redoximorphic features throughout; water table at 80 cmbs *Terminated at target depth*	None
658	210	0–15: Dark brown silty loam, densely compacted, very few subrounded gravels (small pebbles), many fine and medium-sized roots 15–50: Dark grayish-brown to yellowish-brown clayey silt, very dense, some fine roots 50–110: Very dark brown clayey silt, extremely densely compacted, no gravels, some fine roots; water table at 110 cmbs 110–200: Dark gray blueish-gray silty clay, no gravels, some fine roots *Terminated at target depth*	None
659	203	0–30: Dark brown silty clay, moderately compacted, very few rounded and subrounded gravels ranging from small to medium pebbles, few fine shrub roots 30–150: Brownish-gray silty clay, densely compacted, very few rounded and subrounded gravels ranging from small to medium pebbles, very few fine shrub roots 150–203: Gray silty clay to clay, densely compacted, no gravels, water table at 190 cmbs *Terminated at target depth*	None
660	80	0–25: Brown silty fine- to medium-grained sand, loose, some subrounded gravels ranging from small to large pebbles, many fine roots 25–80: Light yellowish-brown silty fine- to medium-grained sand, loose, some subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
661	84	0–15: Pale grayish-brown sandy silt, loose, some subrounded gravels ranging from small pebbles to medium cobbles, many fine to large roots 15–45: Pale yellowish-brown fine- to medium-grained sandy silt, moderately compacted, some subrounded gravels ranging from small pebbles to medium cobbles, some fine and medium-sized shrub and tree roots, redoximorphic features throughout 45–84: Pale yellowish-brown to yellowish-gray sandy silt, loose, some subrounded gravels ranging from small pebbles to medium cobbles, some fine to large tree roots *Terminated due to cobble and root obstructions*	None
662	195	0–70: Dark brown fine-grained sandy silt, loose, no gravels, some fine- to medium-sized shrub and tree roots, degraded wood debris throughout 70–195: Very dark brown clayey silt, loose, no gravels, very few fine shrub and tree roots; water table at 130 cmbs *Terminated at target depth*	None
663	200	0–15: Dark brown fine-grained sandy silt, moderately compacted, some subrounded gravels ranging from small pebbles to small cobbles, many fine roots 15–45: Pale yellowish-brown fine-grained sandy silt, moderately compacted, some subrounded gravels ranging from small pebbles to small cobbles 45–200: Pale yellowish-brown clayey fine-grained sand, moderately compacted, few subrounded gravels ranging from small pebbles to small cobbles, increasing clay content with depth *Terminated at target depth*	0–15 cmbs: Abundant modern black plastic debris
664	200	0–70: Light brown fine-grained sandy silt, loose, many subrounded to subangular gravels ranging from small pebbles to medium cobbles, some fine roots 70–200: Gray silty clay, densely compacted, few subrounded small pebbles and cobbles, redoximorphic features throughout *Terminated at target depth*	0–10 cmbs: Numerous shards of temporally nondiagnostic colorless glass
665	205	0–15: Light brown silty clay loam, very few subrounded gravels (small pebbles), many fine roots 15–205: Pale grayish-brown to brown silty clay, moderately compacted, very few subrounded gravels ranging from small pebbles to small cobbles, increasingly compacted and increased clay content with depth *Terminated at target depth*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
666	200	0–45: Dark brown silty clay loam, moderately compacted, very few rounded to subrounded gravels ranging from small pebbles to medium cobbles, many fine grass and tree roots 45–200: Grayish-brown silty clay, densely compacted, very few rounded to subrounded small pebbles *Terminated at target depth*	None
667	202	0–18: Brown fine-grained sandy silt, very few subrounded gravels (small pebbles), many small and medium-sized roots 18–75: Grayish-brown fine- to medium-grained sandy silt, densely compacted, no gravels, degraded wood debris and redoximorphic features throughout 75–140: Yellowish-brown silty loam, densely compacted, no gravels, degraded wood debris throughout 140–185: Yellowish-brown to olive gray clayey silt, densely compacted, no gravels 185–192: Gray medium-grained sand, no gravels 192–202: Gray clayey silt, densely compacted, no gravels, redoximorphic features throughout *Terminated at target depth*	None
668	200	0–30: Brown silt, some subrounded gravels ranging from small pebbles to small cobbles, slightly compacted, some fine roots 30–60: Grayish-brown silty clay, densely compacted, increased clay content and increasingly compacted with depth *Terminated at target depth*	0–30cmbs: 1 shard of temporally nondiagnostic colorless plate glass
669	83	0–42: Grayish-brown silty clay loam, very few rounded and subrounded gravels ranging from small to large pebbles, some fine grass and shrub roots, redoximorphic features throughout 42–83: Very dark grayish-brown silty loam, few to many rounded and subrounded gravels ranging from small to large pebbles, large piece of wood in probe wall at 40–50 cmbs; water table at 70 cmbs *Terminated due to impenetrable cobble layer*	20–40cmbs: 4 fragments of large concrete pipe; 1 cut wood fragment
670	105	0–105: Dark brown silty clay loam, few rounded and subrounded gravels ranging from small pebbles to medium cobbles, some fine and medium-sized roots, increasingly compacted with depth; water table at 90 cmbs *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
671	100	0–25: Brown silty clay, slightly compacted, few subrounded gravels (small pebbles), some fine roots 25–60: Grayish-brown silty clay, moderately compacted, few subrounded gravels ranging from small to large pebbles 60–100: Dark brown fine-grained sandy clay, loose, some rounded and subrounded gravels ranging from small pebbles to medium cobbles, increasingly coarse-grained sediments and increased gravel content with depth *Terminated due to impenetrable cobble layer*	None
672	63	0–12: Grayish-brown silty fine- to medium-grained sand, loose, some rounded and subrounded gravels ranging from small pebbles to medium cobbles 12–63: Pale grayish-brown silty fine-grained sand, loose, many rounded and subrounded gravels ranging from small pebbles to large cobbles *Terminated due to boulder and cobble obstruction*	None
673	100	0–100: Dark brown silty clay loam, few rounded and subrounded gravels ranging from small pebbles to medium cobbles, some fine and medium-sized tree roots, increasingly compacted with depth *Terminated due to impenetrable cobble layer*	None
674	200	0–30: Brown fine-grained sandy silt, moderately loose, some subrounded gravels ranging from small to large pebbles, many fine and medium-sized shrub and tree roots 30–75: Yellowish-brown fine-grained sandy silt, moderately compacted, no gravels, increasingly compacted with depth 75–110: Yellowish-brown clayey silt, densely compacted, very few subrounded gravels (small pebbles) 110–145: Pale gray clayey silt, extremely densely compacted, no gravels, redoximorphic features throughout 145–200: Pale gray medium-grained sandy loam, no gravels *Terminated at target depth*	None
675	200	0–40: Brown silty clay, loose, few subrounded gravels ranging from small pebbles to small cobbles, some fine roots 40–200: Pale grayish-brown silty clay, moderately compacted, no gravels; water table at 195 cmbs *Terminated at target depth*	None
676	200	0–40: Dark brown silty clay loam with traces of fine-grained sand, moderately compacted, very few subrounded gravels ranging from small pebbles to small cobbles, some fine and medium-sized roots 40–200: Grayish-brown silty clay, densely compacted, no gravels *Terminated at target depth*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
677	40	0–10: Light brown fine- to medium-grained sand, some subrounded gravels ranging from small pebbles to small cobbles, some fine roots 10–40: Grayish-brown silty medium-grained sand, extremely densely compacted, many subrounded gravels ranging from small pebbles to large cobbles, redoximorphic features throughout *Terminated due to impenetrable cobble layer*	None
678	200	0–20: Grayish-brown clayey silt, moderately compacted, very few subrounded gravels (small pebbles), some fine roots 20–200: Pale grayish-brown silty clay, densely compacted, very few subrounded gravels (small pebbles), increasingly compacted with depth *Terminated at target depth*	None
679	190	0–20: Pale yellowish-brown fine-grained sandy silt, moderately compacted, no gravels 20–50: Yellowish-brown fine-grained silty clay loam, densely compacted, no gravels 50–125: Pale yellowish-gray clayey silt, extremely densely compacted, no gravels 125–140: Pale gray ashy clay loam, densely compacted, no gravels 140–190: Pale yellowish-gray silty clay loam, moderately compacted, some subrounded gravels ranging from small pebbles to medium cobbles, some large tree roots *Terminated due to root and cobble obstructions*	None
680	85	0–15: Grayish-brown fine- to medium-grained sandy silt, moderately compacted, few subrounded gravels ranging from small to large pebbles 15–45: Pale yellowish-brown fine-grained sandy silt, loose, no gravels, many fine and medium-sized tree roots 45–89: Pale grayish-brown clayey silt, moderately compacted, some to many subrounded gravels ranging from small pebbles to medium cobbles, some fine and medium-sized tree roots *Terminated due to root and cobble obstructions*	None
681	190	0–25: Brown clayey silt, densely compacted, some subrounded gravels ranging from small pebbles to small cobbles, some fine roots 25–190: Grayish-brown silty clay, very few subrounded gravels (small pebbles), densely compacted *Terminated at target depth*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
682	196	0–12: Dark brown silty clay loam, very few rounded and subrounded gravels ranging from small to large cobbles, some fine grass and shrub roots 12–196: Light brownish gray clayey silt, few rounded and subrounded gravels ranging from small pebbles to small cobbles *Terminated at target depth*	None
683	58	0–58: Brown fine-grained sandy silt, many subrounded and subangular gravels ranging from small pebbles to large cobbles, some fine roots *Terminated due to boulder obstruction*	None
684	108	0–22: Dark brown to brown fine-grained sandy silt, densely compacted, some rounded and subrounded gravels ranging from small pebbles to small cobbles, some fine shrub roots 22–108: Brown fine-grained sandy silt, many rounded and subrounded gravels ranging from small pebbles to medium cobbles, increased gravel content with depth *Terminated due to impenetrable cobble layer*	10cmbs: 1 shard of brown bottle glass
685	140	0–38: Dark brown silty clay loam, densely compacted, few rounded to subrounded gravels ranging from small to large pebbles, many fine grass and shrub roots 38–50: Grayish-brown fine-grained sandy silt, some rounded to subrounded gravels ranging from small to medium pebbles 50–140: Brownish-gray clay silt, some subrounded gravels ranging from small pebbles to small cobbles, redoximorphic features throughout *Terminated due to tree root obstruction*	None
686	104	0–20: Pale grayish-brown fine-grained sandy silt, densely compacted, some subrounded gravels ranging from small to large pebbles, some fine roots 20–55: Pale yellowish-gray to yellowish-brown fine-grained sandy silt, loose, some subrounded gravels ranging from small to large pebbles 55–68: Dark yellowish-brown fine-grained sandy silt, redoximorphic features throughout 68–104: Pale yellowish-brown fine-grained sandy silt, some to many subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to impenetrable cobble layer*	None
687	65	0–3: Degraded wood debris, very few fine rounded and subrounded gravels ranging from small to medium pebbles, many fine shrub and tree roots 3–65: Pale brown silt, some rounded and subrounded gravels ranging from small pebbles to small cobbles, few fine shrub and tree roots, increased gravel content with depth *Terminated due to impenetrable cobble layer*	None

Table J5.9 Archaeological Shovel Probe and Shovel Probe/Auger Core Table (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
688	54	0–15: Pale gray fine-grained sandy silt, extremely densely compacted, some subrounded gravels ranging from small to large pebbles 15–54: Grayish-brown silty fine-grained sand, densely compacted, some to many subrounded gravels ranging from small pebbles to medium cobbles *Terminated due to impenetrable cobble layer*	0–15 cmbs: several chunks of concrete
689	50	0–14: Grayish-brown fine-grained sandy silt, many rounded to angular gravels ranging from small to large pebbles, some fine grass and shrub roots 14–50: Pale grayish-brown silty fine-grained sand, very many rounded and subrounded gravels ranging from small pebbles to small cobbles *Terminated due to impenetrable cobble layer*	None

cmbs centimeters below ground surface

ATTACHMENT J5.10

Previously Undocumented Archaeological Resource Forms

Attachment redacted, contains privileged information that is not for public disclosure.

ATTACHMENT J5.11

Beta Analytic, Inc. Radiocarbon Dating Reports

Attachment redacted, contains privileged information that is not for public disclosure.

ATTACHMENT J5.12

Correspondence

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

March 26, 2020

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Washington Department of Archaeology and Historic Preservation
P.O. Box 48343
Olympia, WA 98504-8343

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Area of Potential Effects and Cultural Resources Survey and Inventory Plan
SHPO Project Tracking Code: 2018-02-01251**

Dear Dr. Brooks:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the Washington State Historic Preservation Officer (SHPO) under Section 106 of the National Historic Preservation Act, and its implementing regulations at 36 Code of Federal Regulations (CFR) Part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend Link light rail service from the Federal Way Transit Center to the Tacoma Dome area in King and Pierce Counties, Washington. This letter requests comments on the proposed Area of Potential Effects (APE) and the proposed Cultural Resources Survey and Inventory Plan.

Project Description

The Project would extend Link light rail service approximately 10 miles from the interim terminus at the Federal Way Transit Center south to the Tacoma Dome Station (see enclosed Figures 1 through 4), crossing the Puyallup River and the Puyallup Indian Reservation. The light rail line would be fully separated from traffic, primarily elevated, with some at-grade sections. The Project includes four stations: South Federal Way, Fife, East Tacoma, and Tacoma Dome, with parking provided at the South Federal Way and Fife stations. The Project would also include construction of ancillary facilities, including traction power substations, emergency access spaces, stormwater management features, and various infrastructure realignments and upgrades.

Definition of APE
As shown on the enclosed APE Map Set (see Figures 1 through 4), the proposed APE generally extends from elements of the Project alternatives (e.g., guideway, station locations, and construction staging areas) to the nearest tax parcel, or a maximum of 200 feet where large tax parcels are adjacent to Project elements. One parcel is a standard APE extent for linear transportation projects, because potential direct and indirect effects to historic properties typically do not extend beyond one parcel. The APE is larger in four locations, as described below:

- The Belmor Park Golf & Country Club, a manufactured-home community in Federal Way, near the north end of the APE (see Figure 1). This was included because mobile home parks are evaluated in their entirety and not by individual mobile homes.
- The Gethsemane Cemetery and St. George's Cemetery in Federal Way, just north of the boundary between the Federal Way and Fife segments (see Figure 2). Portions of these cemeteries fall within 200 feet of Project elements but were included in their entirety in the APE in response to comments from the Puyallup Tribe shared in meetings with FTA and Sound Transit.
- The area between Pacific Highway East and 12th Street East bounded on the west by Alexander Avenue East and 46th Avenue East on the east, in the Fife Segment (see Figure 3). This area was included in response to comments from the Puyallup Tribe shared in meetings with FTA and Sound Transit.
- The area extending north from the anticipated bridge location over the Puyallup River to Lincoln Avenue in the Tacoma Segment (see Figure 4). This area was included in response to comments from the Puyallup Tribe shared in meetings with FTA and Sound Transit.

Cultural Resources Survey and Inventory Plan
FTA and Sound Transit will identify potential direct and indirect effects of the Project on historic built environment and archaeological resources within the APE that are listed on, or determined eligible for, the National Register of Historic Places (NRHP). This effort will include previously recorded NRHP-listed or -eligible resources, as well as those identified during archaeological and historic built environment resources survey and inventory.

The proposed Cultural Resources Survey and Inventory Plan (Plan) is enclosed, for your review. The Plan describes the proposed cultural resource inventory process that would be conducted to identify and assess the potential for discovering cultural resources within the APE. Survey and inventory methods for historic buildings, structures, and objects are also described in the Plan.

Archaeological survey and inventory methods will include pedestrian and subsurface survey, including shovel probe, auger probe, and geoarchaeological survey using deep coring methods, where appropriate. Due to limitations on access, such as property ownership, physical inaccessibility, or other reasons, FTA and Sound Transit propose the following phased approach to the investigation:

- **Phase 1:** Archaeological Survey to support the Draft Environmental Impact Statement (EIS)

- **Phase 2:** Archaeological Survey to support the Final EIS
- **Phase 3:** Archaeological Survey to support Final Design
- **Phase 4:** Archaeological Support during Construction

Request for Comment
Pursuant to 36 CFR Part 800, FTA invites your comments on the proposed APE and the Cultural Resources Survey and Inventory Plan within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please feel free to contact Mark Assam, FTA, at (206) 220-4465 or mark.assam@dot.gov, or Alex Stevenson, Sound Transit, at (206) 553-3655 or alex.stevenson@soundtransit.org.

Thank you for your consultation on the Project.

Sincerely,

Linda M. Gehrke
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Steven Kennedy, South Corridor Environmental Manager, Sound Transit
Alex Stevenson, Cultural Resources Program Manager, Sound Transit

Enclosures: Figures 1 through 4 - Tacoma Dome Link Extension APE Maps
Cultural Resources Survey and Inventory Plan, March 2020

3/13/2020 | ST_TDLE_Ph2 | Fig1_APEOverviewMap_Street60k.mxd

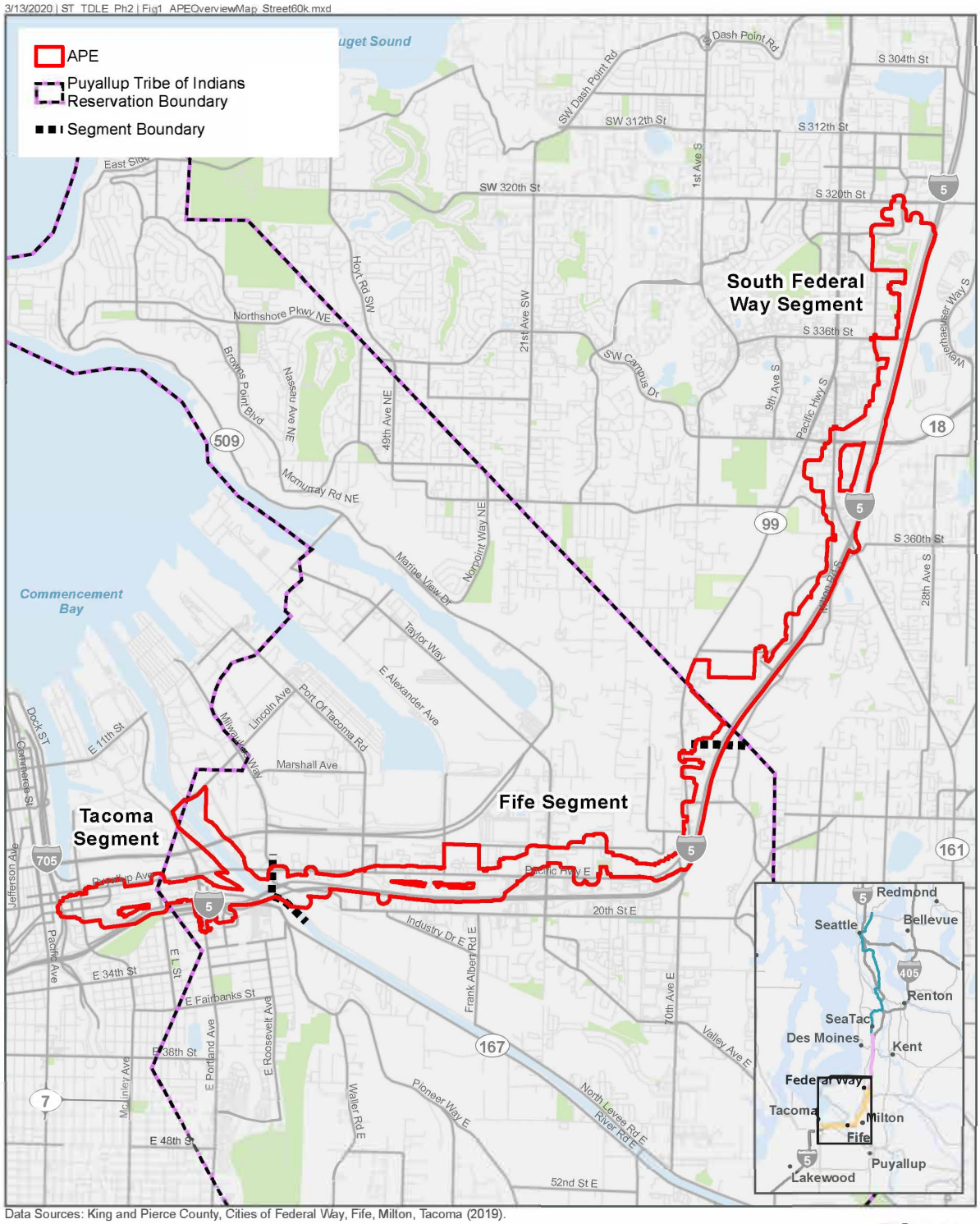

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 1
Tacoma Dome Link Extension APE **Vicinity Map**

N

0 1 2 Miles

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/12/2020 | ST_TDLE_Ph2 | Fig2-4_APEDetailMap_Topo24k.mxd

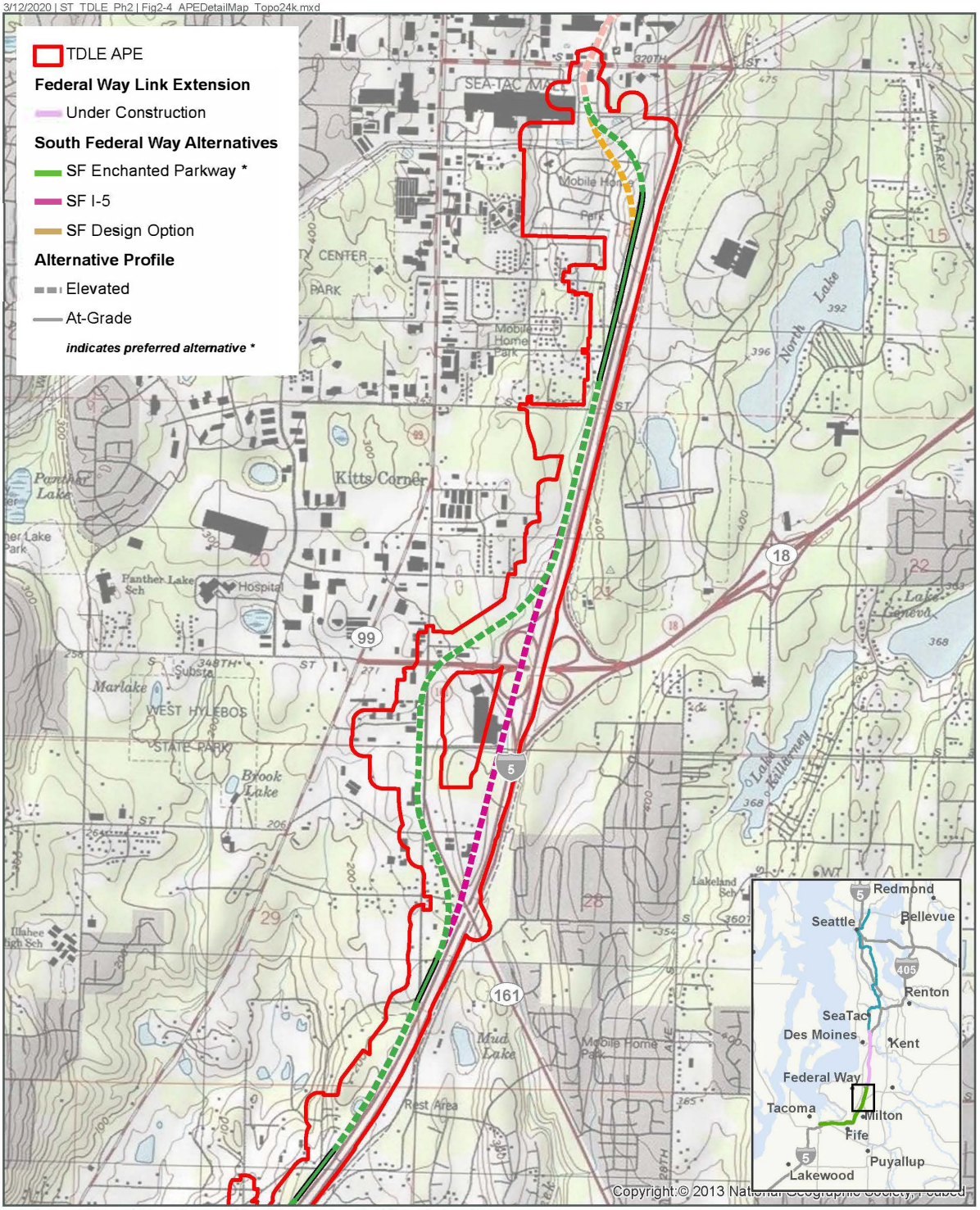

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019); USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 1,000 2,000 Feet

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

FIGURE 2
Tacoma Dome Link Extension APE
EIS Alternatives
South Federal Way Segment
Tacoma Dome Link Extension

3/10/2020 | ST_TDLE_Ph2 | Fig3_APEDetailMap_Topo24k.mxd

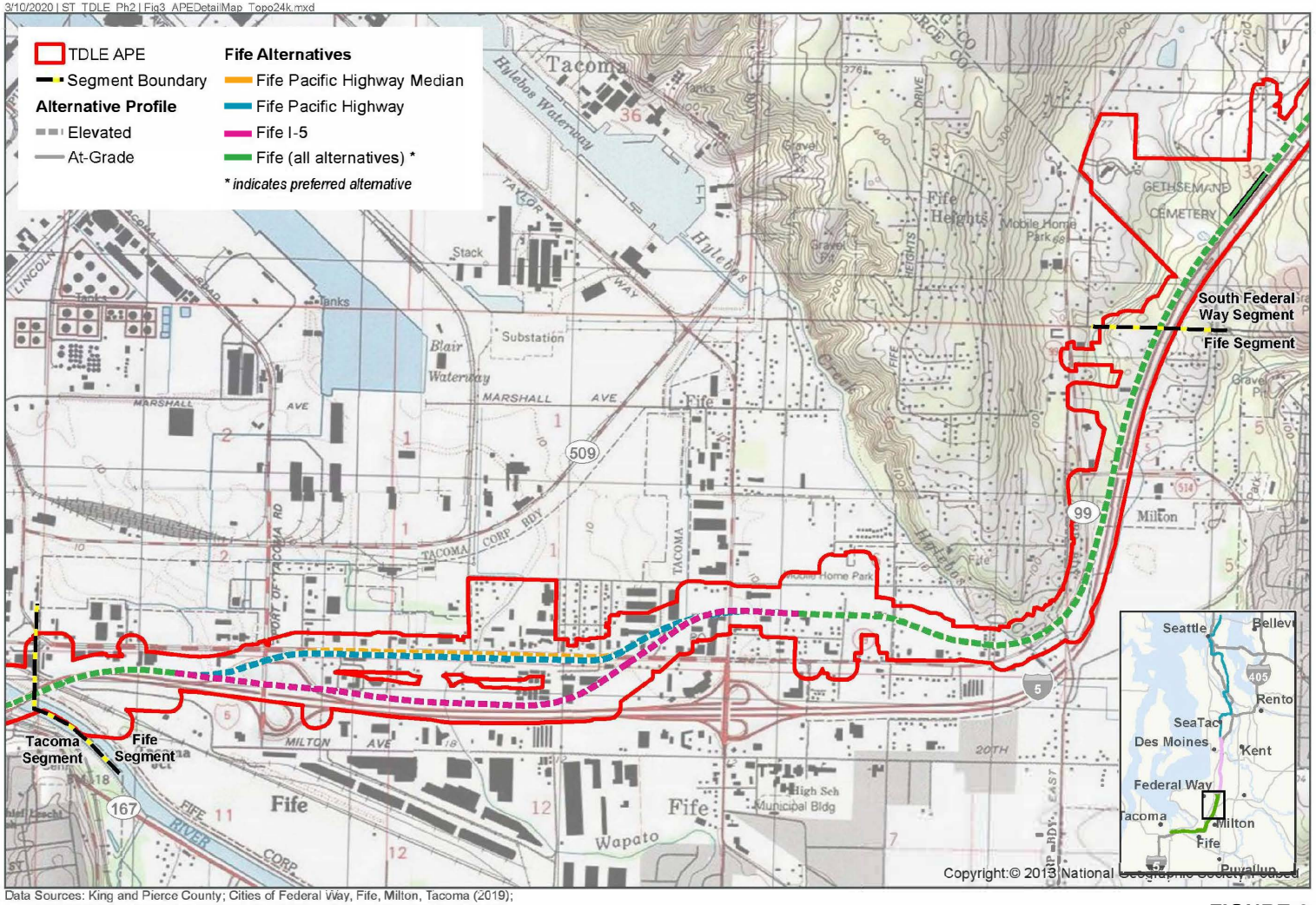

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019); USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 1,000 2,000 Feet

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

FIGURE 3
Tacoma Dome Link Extension APE
EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

3/12/2020 | ST_TDLE_Ph2 | Fig2-4_APEDetailMap_Topo24k.mxd

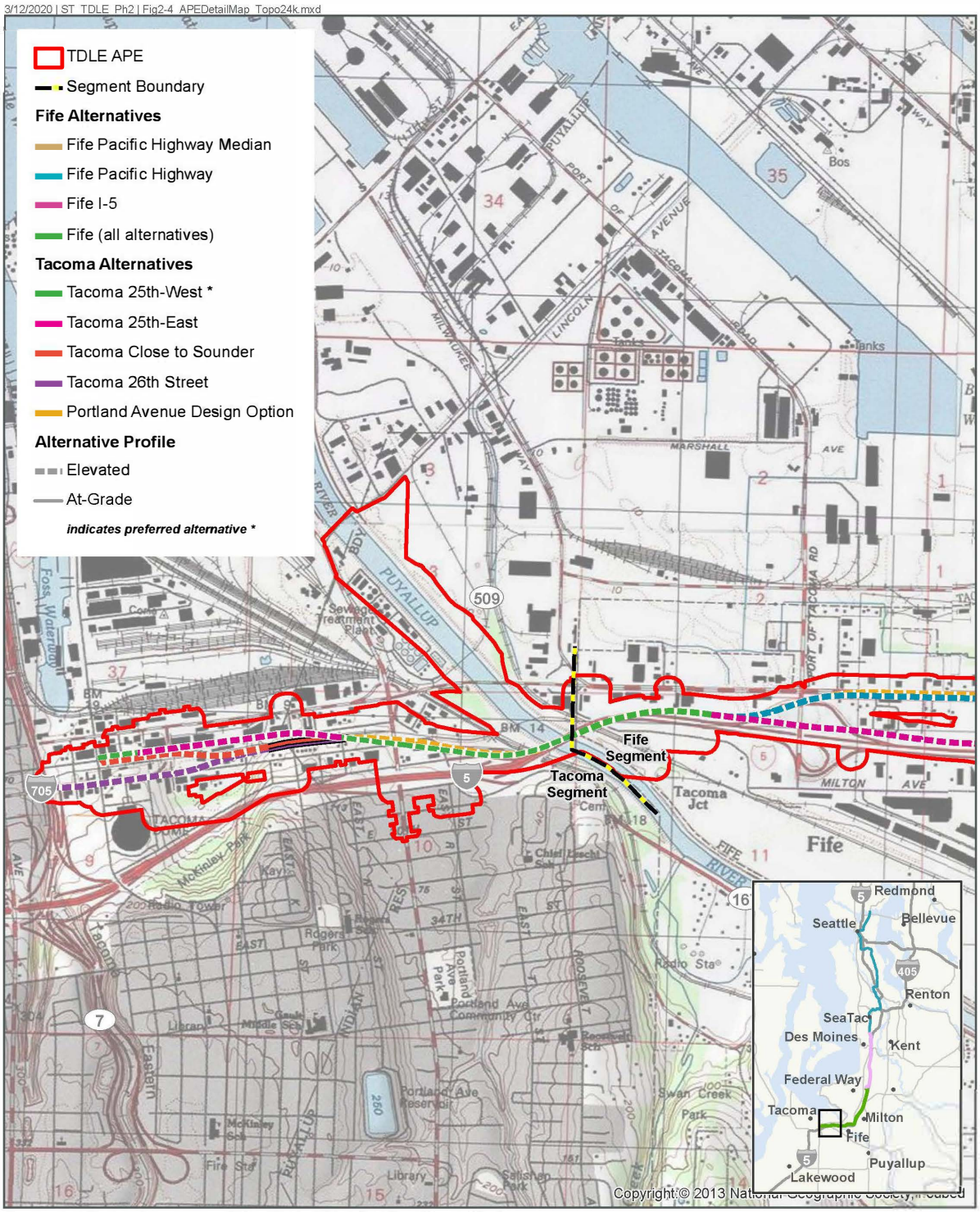

Data Sources: King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019); USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 1,000 2,000 Feet

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

FIGURE 4
Tacoma Dome Link Extension APE
EIS Alternatives
Tacoma Segment
Tacoma Dome Link Extension

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

March 30, 2020

Ms. Linda Gehrke
Regional Administrator
Federal Transit Administration
915 Second Avenue
Suite 3142
Seattle, WA. 98174-1002

In future correspondence please refer to:
Project Tracking Code: 2018-02-01251
Property: Tacoma Dome Link Extension
Re: APE Concur

Dear Ms. Gehrke:

Thank you for contacting the State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced project. In response, we have reviewed your description and map of the area of potential effect (APE).

We concur with your definition of the APE. We have also reviewed your methodology for the archaeological and built environment inventories and have no comments at this time. We would like to review your consultation with the concerned tribes, and other interested/affected parties as this project progresses. Please provide any correspondence or comments from concerned tribes and/or other parties that you receive as you consult under the requirements of 36 CFR 800.4(a)(4).

These comments are based on the information available at the time of this review and on behalf of the SHPO in conformance with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR 800. Should additional information about the project become available, our assessment may be revised.

Thank you for the opportunity to review and comment. Please ensure that the DAHP Project Number (a.k.a. Project Tracking Code) is shared with any hired cultural resource consultants and is attached to any communications or submitted reports. If you have any questions, please feel free to contact me.

Sincerely,

Dennis Wardlaw
Transportation Archaeologist
(360) 586-3085
dennis.wardlaw@dahp.wa.gov

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

November 5, 2020

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Washington Department of Archaeology and Historic Preservation
P.O. Box 48343
Olympia, WA 98504-8343

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Area of Potential Effects and Cultural Resources Survey and Inventory Plan
SHPO Project Tracking Code: 2018-02-01251**

Dear Dr. Brooks:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the Washington State Historic Preservation Officer (SHPO) under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 Code of Federal Regulations (CFR) Part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend Link light rail service from the Federal Way Transit Center to the Tacoma Dome area in King and Pierce Counties, Washington. FTA initiated Section 106 consultation with SHPO in correspondence dated April 5, 2019. On March 26, 2020, in correspondence to SHPO, FTA defined the Area of Potential Effects (APE) and provided a proposed Cultural Resources Survey and Inventory Plan (Plan). SHPO agreed with the APE definition and the contents of the Plan in correspondence to FTA dated March 30, 2020. Since that time, the Project design has advanced, and additional information has become available, which require an amendment to the Project APE, and updates to the contents of the Plan. This letter requests comments on the amended APE and the updated Plan.

APE Amendments
As shown in the enclosed APE Map Set (see Figures 1 through 4), the APE has been modified in several areas to incorporate new Project information, including the following:

- Location of potential construction staging areas
- Location of anticipated utility improvement and expansion areas

Cultural Resources Survey and Inventory Plan Updates
Updates to the enclosed Plan reflect new Project information in the following sections:

- Tables 4 through 6, *Archaeological Sites within 1 Mile of the APE* now include information on National Register of Historic Places (NRHP) status as well as some additional sites that are located within the amended APE.
- Table 7, *NRHP- and WHR-Eligible or Listed Historic-period, Built Environment Properties* has been updated to include NRHP and Washington Historic Register Listing status for identified properties.
- Table 9, *Cemeteries and Burials within a 1-Mile Radius of the APE* has been updated to include the Tacoma Chinese Burial.
- Section 5.2.1.1, *Sites Within the APE* provides additional information on archaeological resources within the Tacoma Project segment.
- Section 5.2.3, *Tacoma Register of Historic Places – Listed Resources* provides additional detail on listed resources in the Tacoma Register of Historic Places.
- Section 7.1.2, *Shovel Probes and Hand Auger Coring* includes minor changes to the methods for shovel probes, allowing for reduced intervals in areas of very high sensitivity, including Saint George's Cemetery. The addition of an auger core for shovel probes in the Fife and Tacoma Project segments to assess archaeological potential is also now included.

Request for Comment
Pursuant to 36 CFR Part 800, FTA invites your comments on the amended APE and the updated Cultural Resources Survey and Inventory Plan within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please feel free to contact Mark Assam at (206) 220-4465 or mark.assam@dot.gov.

Thank you for your consultation on the Project.

Sincerely,

Linda M. Gehrke
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Steven Kennedy, South Corridor Environmental Manager, Sound Transit
Alex Stevenson, Cultural Resources Program Manager, Sound Transit

Enclosures: Figures 1 through 4 - Tacoma Dome Link Extension APE Maps
Cultural Resources Survey and Inventory Plan, September 2020

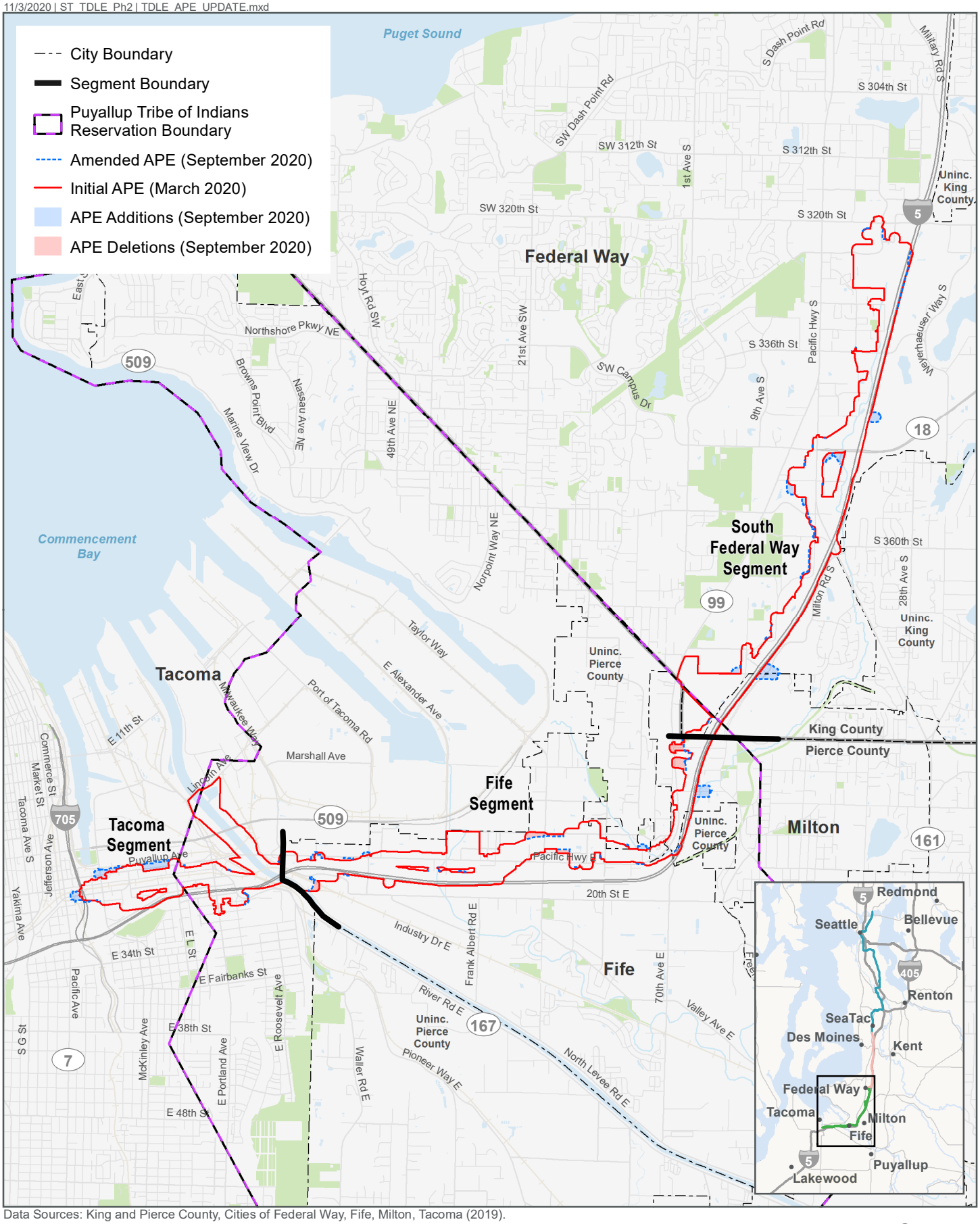

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1
Tacoma Dome Link Extension APE
Vicinity Map
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

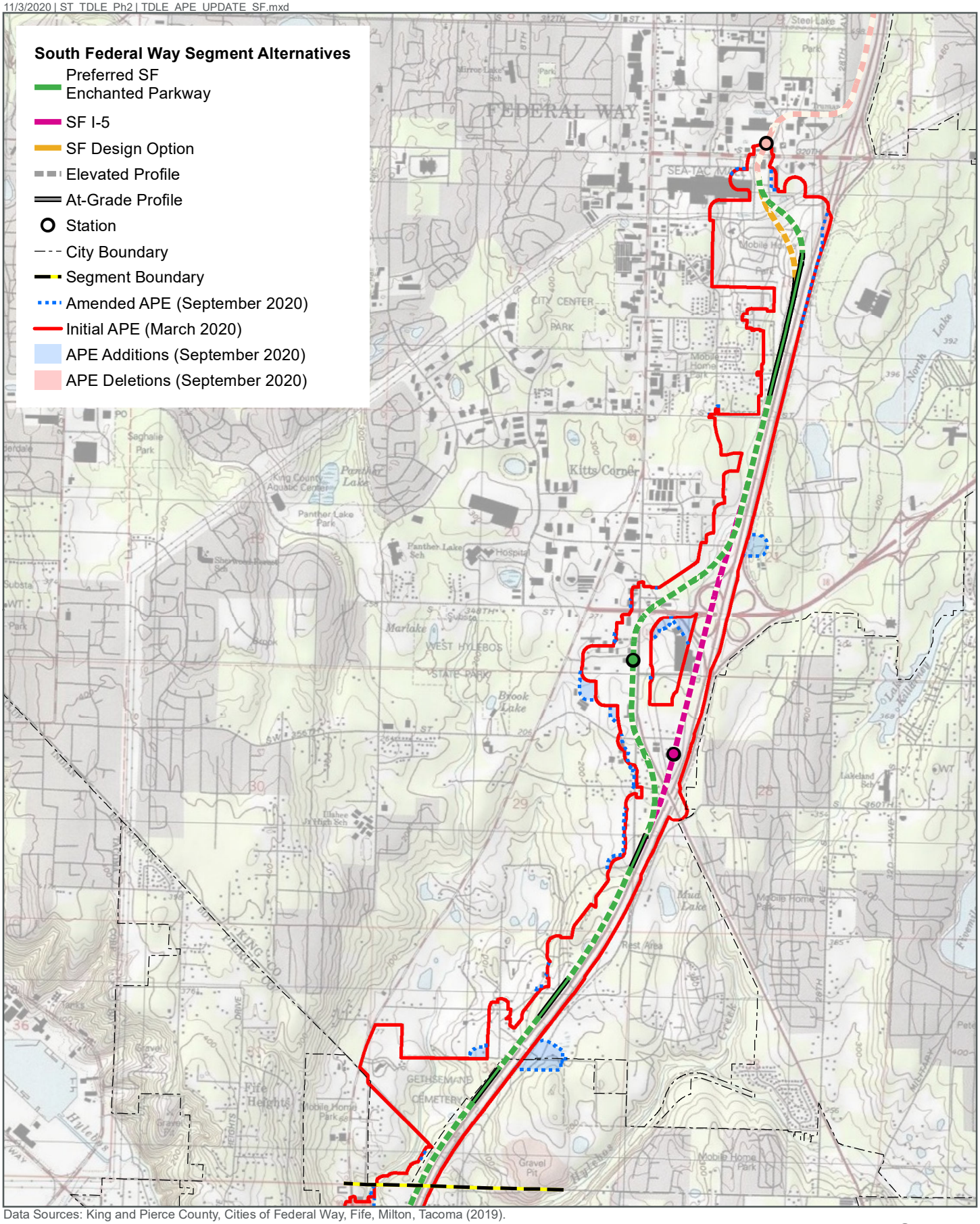

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2
EIS Alternatives
South Federal Way Segment
Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

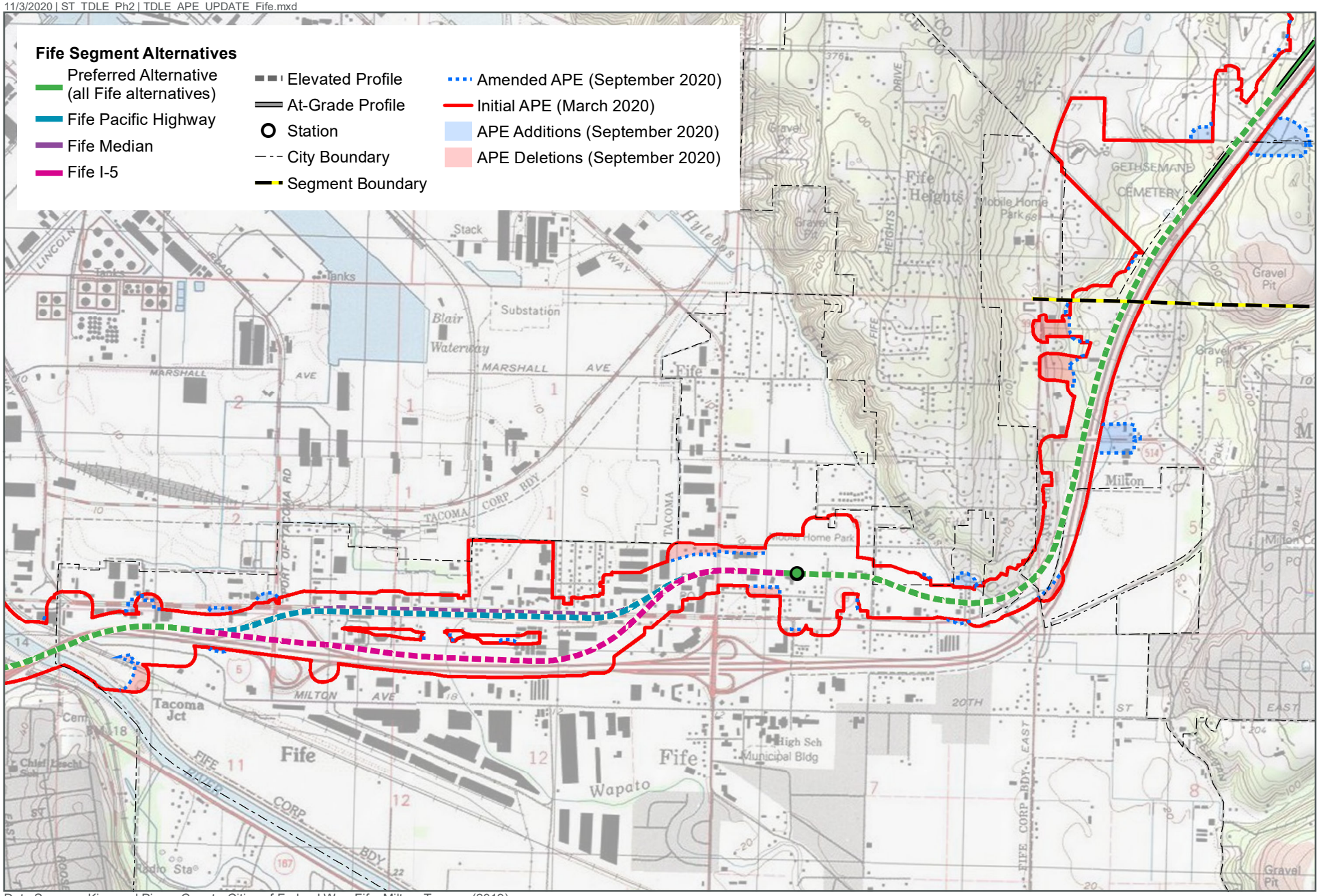

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3
EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

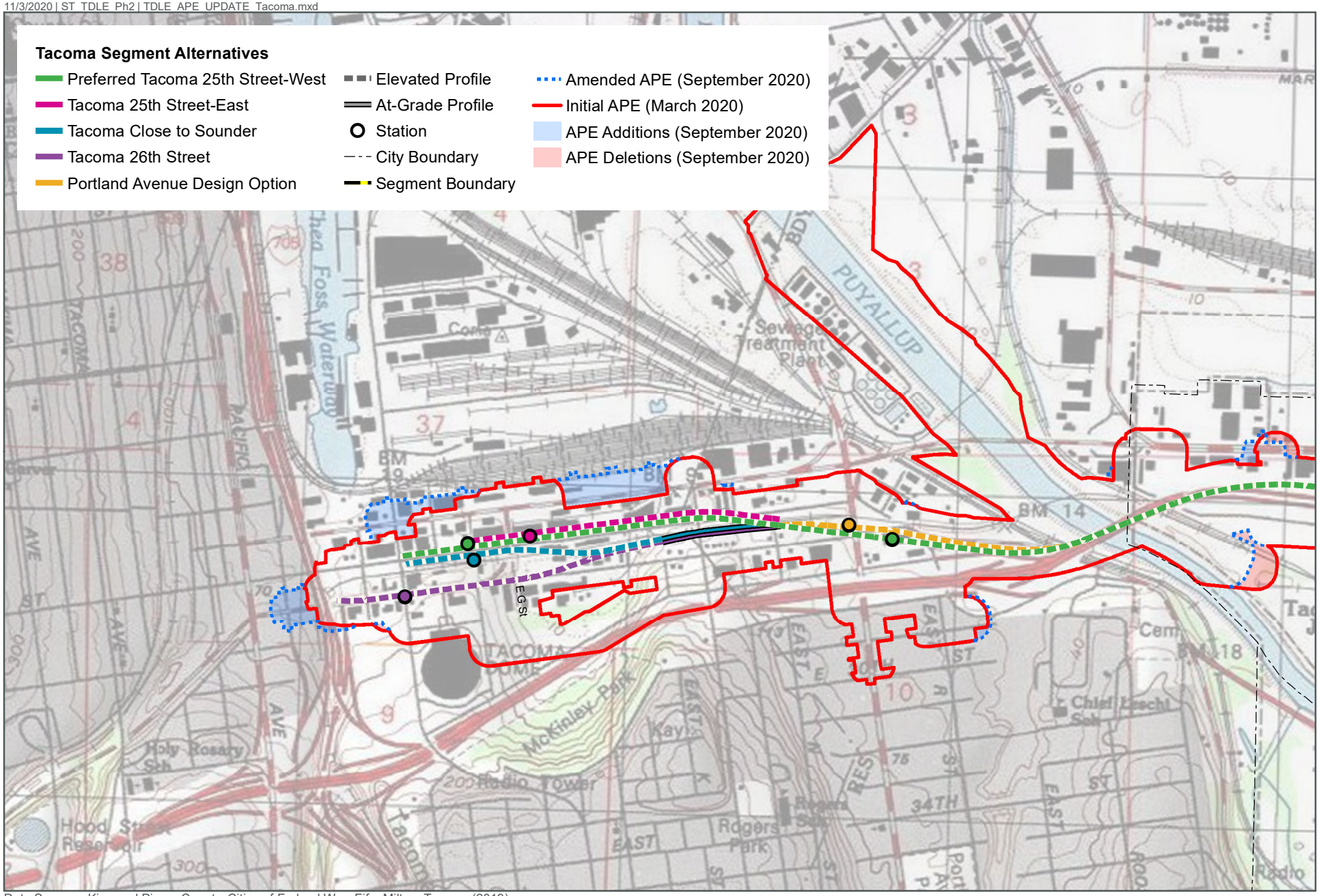

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4
EIS Alternatives
Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

November 13, 2020

Ms. Linda Gehrke
Regional Administrator
Federal Transit Administration
915 Second Avenue
Suite 3142
Seattle, WA. 98174-1002

In future correspondence please refer to:
Project Tracking Code: 2018-02-01251
Property: Tacoma Dome Link Extension
Re: Revised APE Concur

Dear Ms. Gehrke:

Thank you for contacting the State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced project. In response, we have reviewed your description and map of the revised area of potential effect (APE).

We concur with your definition of the revised APE. We have also reviewed your revised cultural resource survey methodology and have no comments at this time. Please provide any correspondence or comments from concerned tribes and/or other parties that you receive as you consult under the requirements of 36 CFR 800.4(a)(4).

These comments are based on the information available at the time of this review and on behalf of the SHPO in conformance with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR 800. Should additional information about the project become available, our assessment may be revised.

Thank you for the opportunity to review and comment. If you have any questions, please feel free to contact me.

Sincerely,

Dennis Wardlaw
Transportation Archaeologist
(360) 485-5014
dennis.wardlaw@dahp.wa.gov

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: Friddle, Steve <sfriddle@cityoffife.org>
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Borbe, Elma <elma.borbe@soundtransit.org>; Kennedy, Steven <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

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Dear Mr. Friddle:

Please see the attached Section 106 Consulting Party Invitation letter for the Sound Transit - Tacoma Dome Link Extension Project.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4 mark.assam@dot.gov | www.transit.dot.gov

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

August 11, 2021

Steve Friddle
Community Development Director
City of Fife
5411 23rd Street East
Fife, Washington 98424

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Consulting Party Invitation**

Dear Mr. Friddle:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is proposing the Tacoma Dome Link Extension Project (Project). The Project would extend Link light rail service from the Federal Way Transit Center to the Tacoma Dome area in King and Pierce Counties, Washington. Sound Transit intends to apply for federal funds administered by FTA for the Project, making it an undertaking subject to the provisions of Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. This letter invites your organization to participate in the Section 106 consultation process for the Project as a consulting party.

Project Description

The Project would extend Link light rail service approximately 10 miles, from the interim terminus at the Federal Way Transit Center, south to the Tacoma Dome Station, crossing the Puyallup River and the Puyallup Tribe of Indians Reservation, as shown on the enclosed Map Set, Figures 1 through 4. The Project includes a light rail guideway that would be fully separated from traffic, primarily elevated, with some at-grade sections. It also includes four stations that serve the following areas: South Federal Way, Fife, East Tacoma, and Tacoma Dome, with parking provided at the South Federal Way and Fife stations. The Project would also include construction of ancillary facilities, including traction power substations, emergency access spaces, stormwater management features, and various infrastructure realignments and upgrades.

Area of Potential Effects

The Area of Potential Effects (APE) for the Project is illustrated on Figures 1 through 4 in the enclosed Map Set. The APE includes all areas where ground disturbance may occur, including excavation, grading, curb removal, utilities, etc. The APE includes the scope of the project description, including guideway, stations, and ancillary facilities listed above. It also includes proposed construction staging areas that are required to build the Project.

The APE also includes areas where the potential exists for historic properties to be indirectly affected by the Project. Where station construction, signal upgrades and other highly visible improvements are planned, the APE extends on either side of the right-of-way to the nearest tax parcel, or a maximum of 200 feet where large tax parcels are adjacent to Project elements. The APE is also larger in the following areas:

- The Belmor Park Golf & Country Club, a manufactured-home community in Federal Way, near the north end of the APE (see Figure 1). The APE is larger in this area because mobile home parks are evaluated in their entirety and not by individual mobile homes.
- The Gethsemane Cemetery and St. George's Cemetery in Federal Way, just north of the boundary between the Federal Way and Fife segments (see Figure 2). Portions of these cemeteries fall within 200 feet of Project elements but were included in their entirety in the APE in response to feedback from the Puyallup Tribe of Indians to FTA and Sound Transit regarding the cultural importance of these properties.
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Consulting Party Role

FTA invites your organization to participate as a consulting party because you may have a demonstrated interest in the Project and in its potential effects on historic and cultural properties.

As you may know, Section 106 is a process that may not result in preservation in all instances, but seeks to balance a full range of public values and perspectives to avoid, minimize, or mitigate adverse effects on historic properties. Consulting party status entitles you to comment on aspects of the Project that would potentially affect historic properties. As a consulting party, you would receive information about historic properties within the APE, and potential effects to those properties in which you may have an interest. Properties of interest include those buildings, structures, objects, sites, and districts that are either listed, or eligible for listing, on the NRHP.

If you elect to participate as a consulting party, please inform FTA of your decision and provide any comments on the APE within 30 days of receipt of this letter. Should you require additional information or have questions, please contact Mark Assam at 206-220-4465 or mark.assam@dot.gov.

Thank you for your interest in the Project.

Sincerely,

Linda M. Gehrke
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Steven Kennedy, South Corridor Environmental Manager, Sound Transit
Alex Stevenson, Cultural Resources Program Manager, Sound Transit

Enclosure: Project Vicinity and Area of Potential Effects Map Set (Figures 1 through 4)

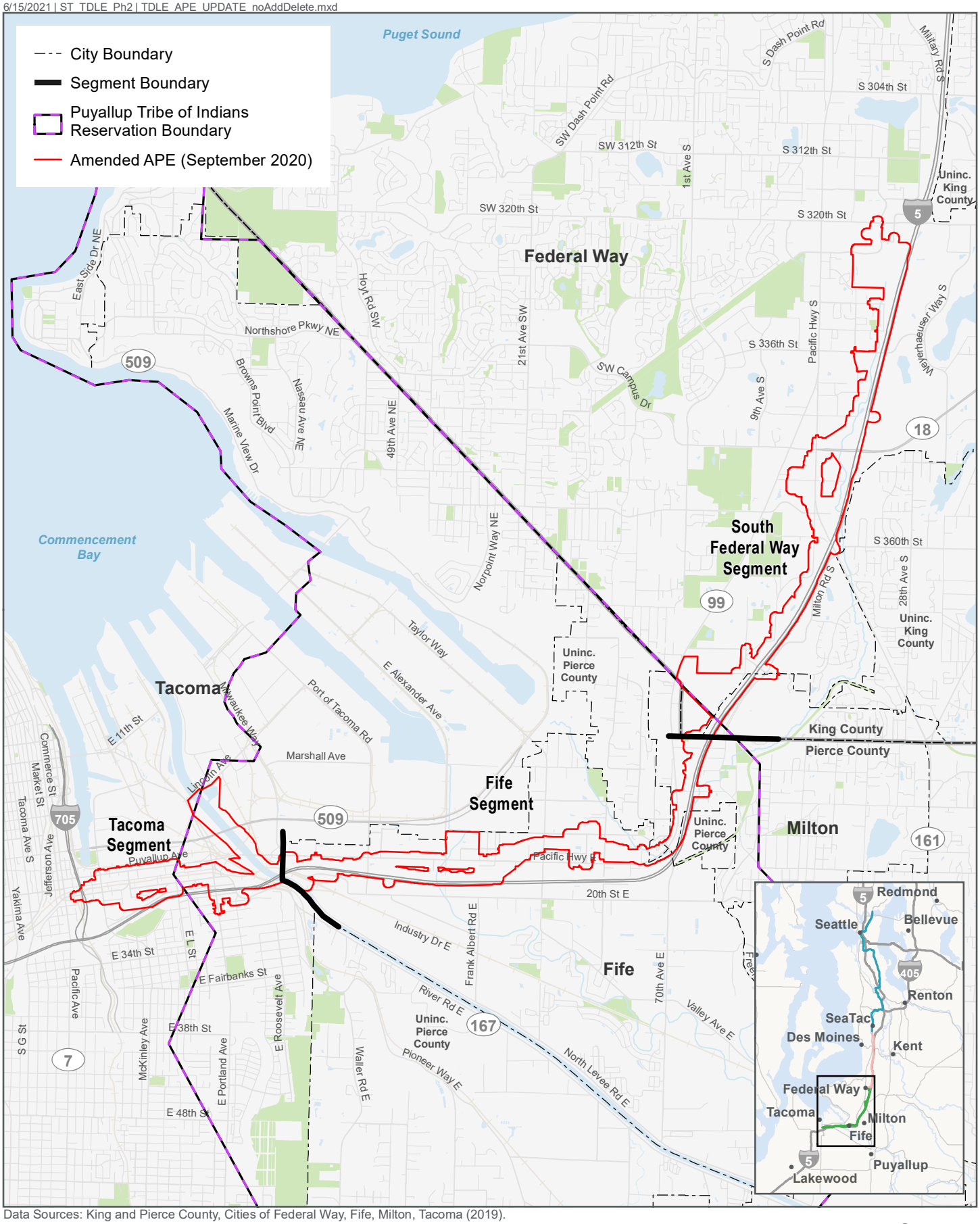

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1
Tacoma Dome Link Extension APE
Vicinity Map

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

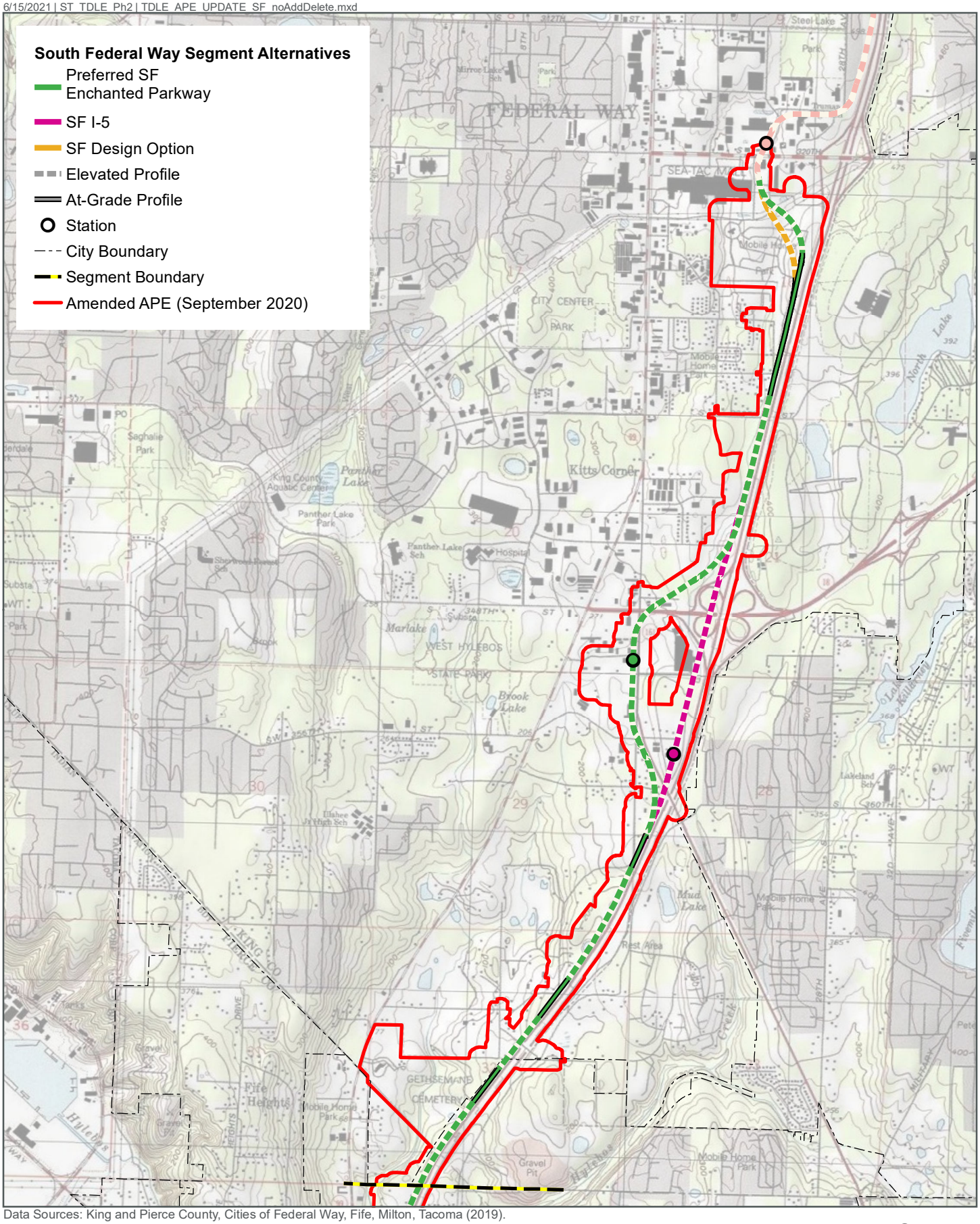

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2
APE and EIS Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Fife_noAddDelete.mxd

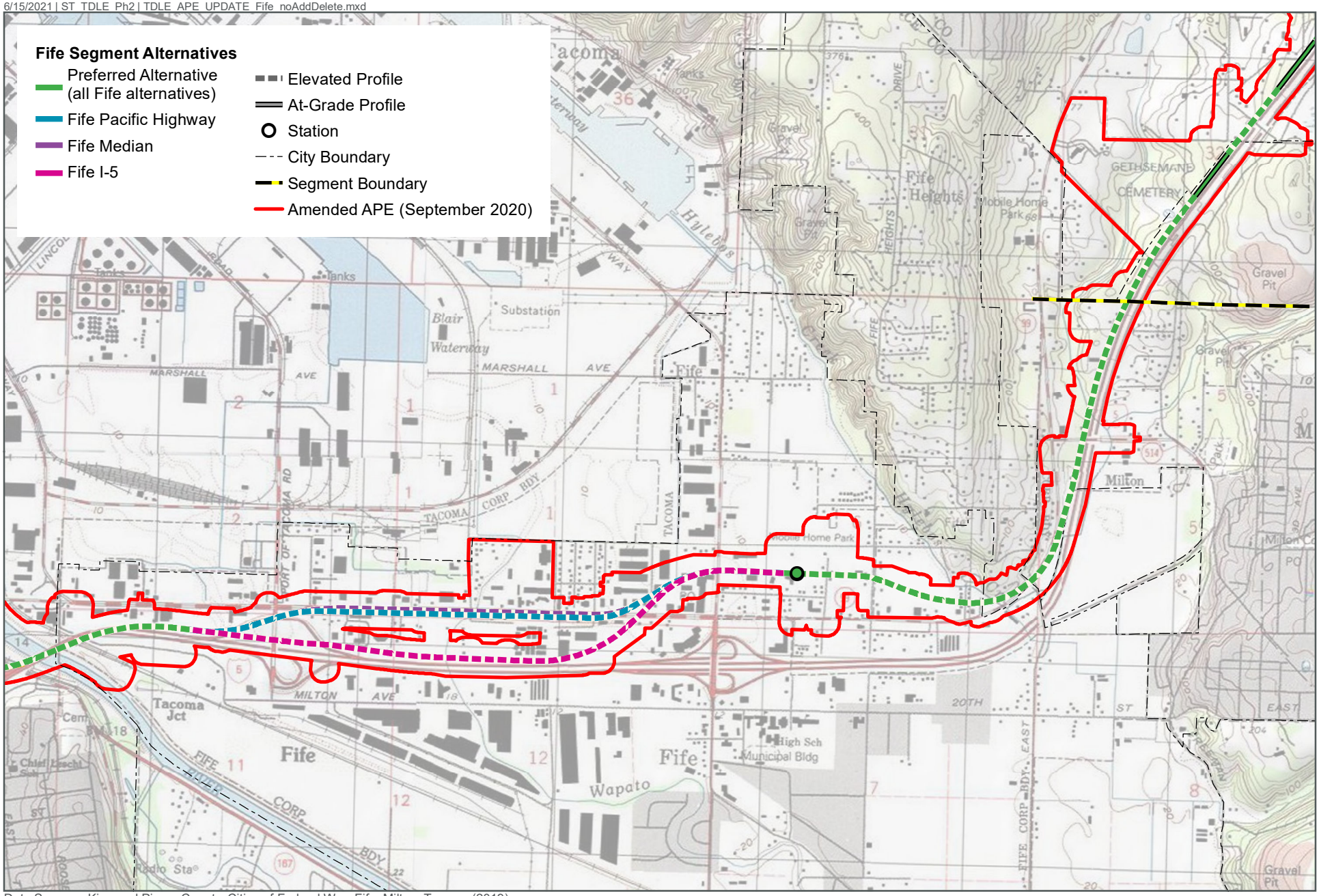

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3
APE and EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

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6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Tacoma_noAddDelete.mxd

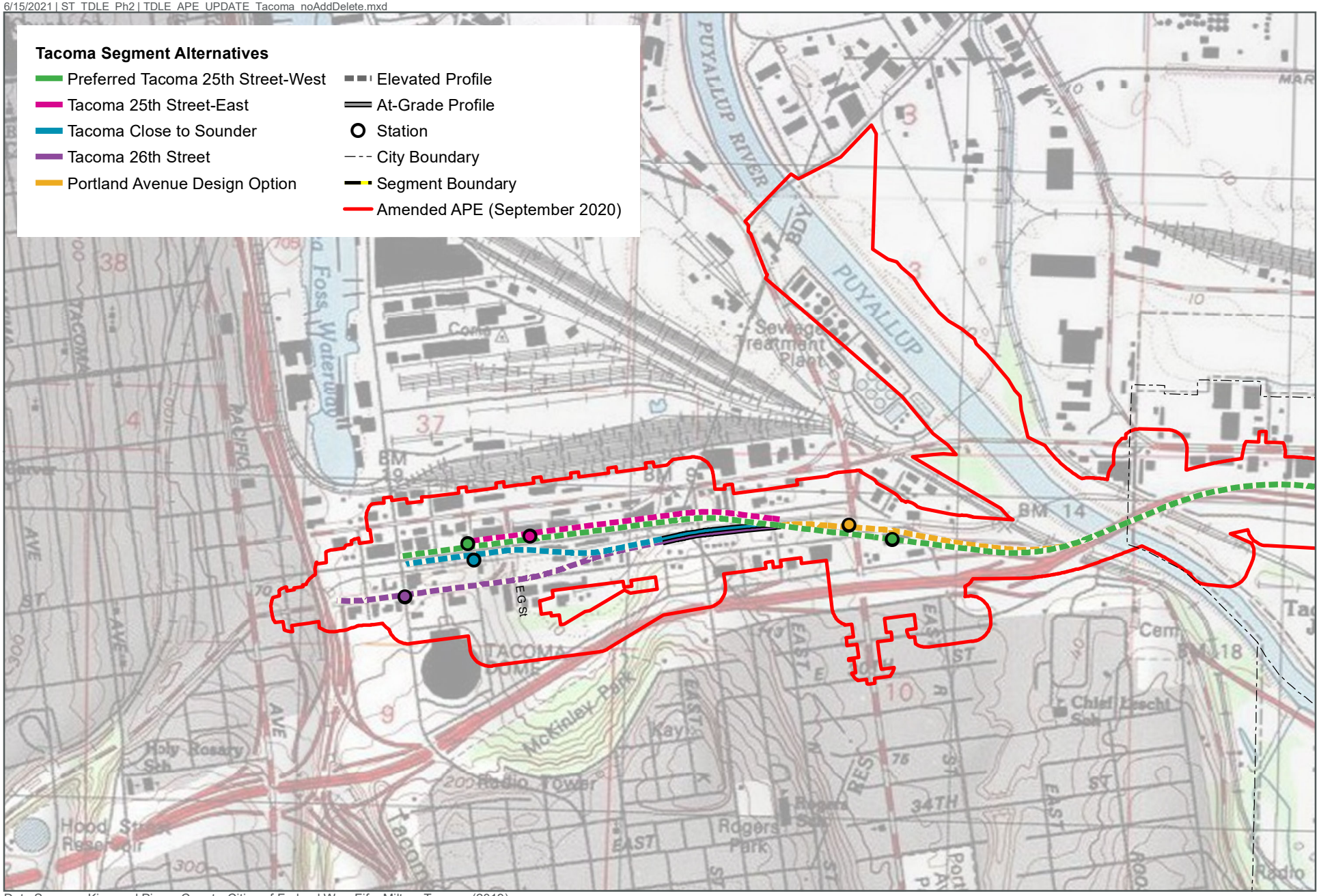

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4
APE and EIS Alternatives
Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

From: Steve Friddle <sfriddle@cityoffife.org>
Sent: Wednesday, August 18, 2021 11:30 AM
To: Assam, Mark (FTA) <mark.assam@dot.gov>; Andrew Strobel <Andrew.Strobel@PuyallupTribe-nsn.gov>
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Borbe, Elma <elma.borbe@soundtransit.org>; Steve Kennedy <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: RE: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

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Hi Mark,

Yes, I would appreciate being included as part of the Section 106 Consulting.
Thank you for the invitation.

Steven Friddle
Community Development Director
City of Fife
Phone: (253) 778-3484
5411 23rd Street E, Fife, WA 98424

The City of Fife is subject to the Washington Public Records Act, Chapter 42.56 RCW. This message and any attachments may constitute records subject to public disclosure pursuant to the Act.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: Steve Friddle <sfriddle@cityoffife.org>
Cc: Wardlaw, Dennis (DAHP) <dennis.wardlaw@dahp.wa.gov>; Borbe, Elma (elma.borbe@soundtransit.org) <elma.borbe@soundtransit.org>; Steve Kennedy <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changchien, Amy (FTA) <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

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Please see the attached Section 106 Consulting Party Invitation letter for the Sound Transit - Tacoma Dome Link Extension Project.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

This is an external email. Please use caution when opening any attachments.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: reuben.mcknight@cityoftacoma.org
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Borbe, Elma <elma.borbe@soundtransit.org>; Kennedy, Steven <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
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Thanks,

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U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
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U.S. Department
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REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

August 11, 2021

Reuben McKnight
Historic Preservation Officer
City of Tacoma
Planning and Development Services
747 Market Street, Third Floor
Tacoma, Washington 98401

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Consulting Party Invitation**

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Thank you for your interest in the Project.

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Linda M. Gehrke
Regional Administrator

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Steven Kennedy, South Corridor Environmental Manager, Sound Transit
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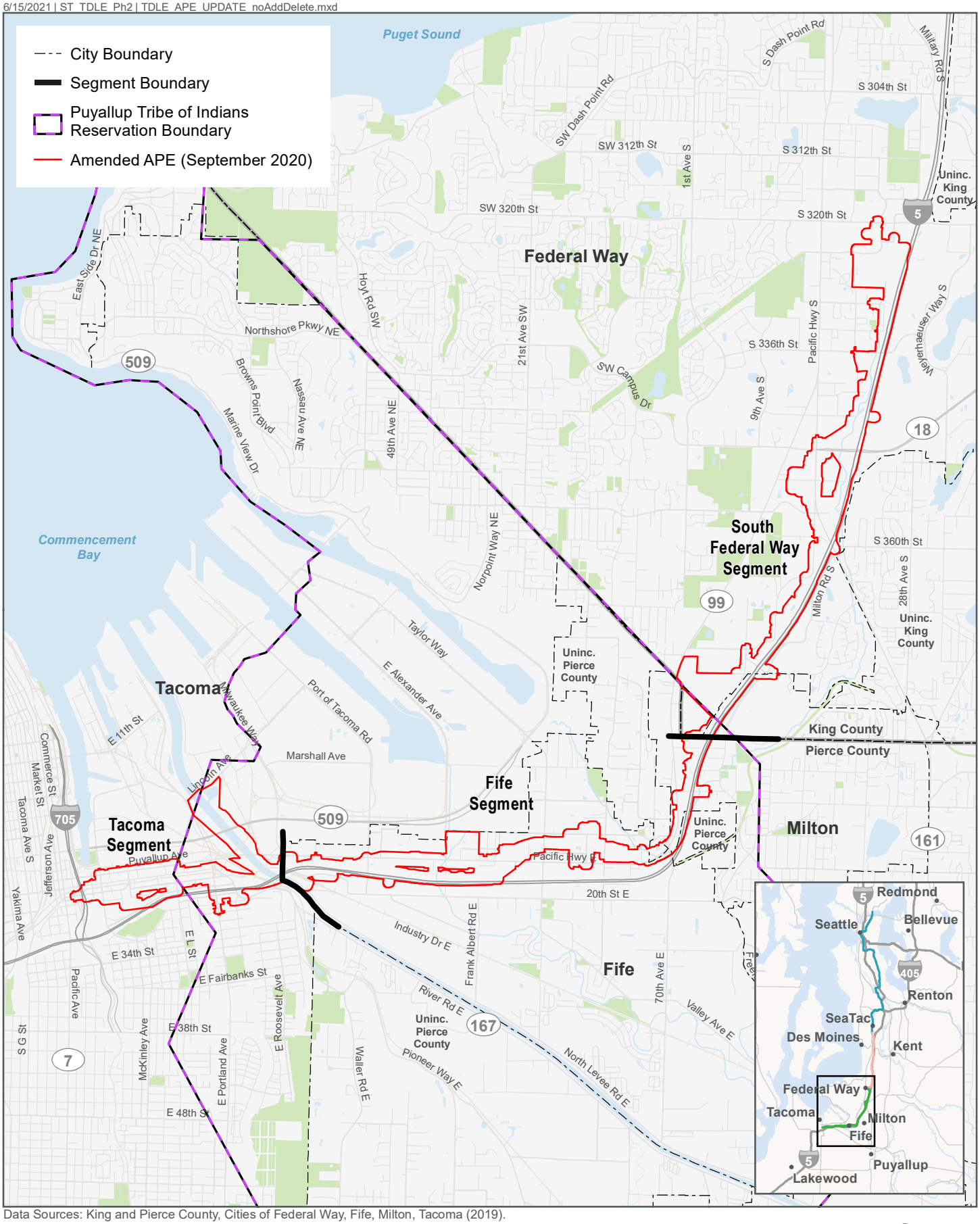

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1
Tacoma Dome Link Extension APE
Vicinity Map

Tacoma Dome Link Extension

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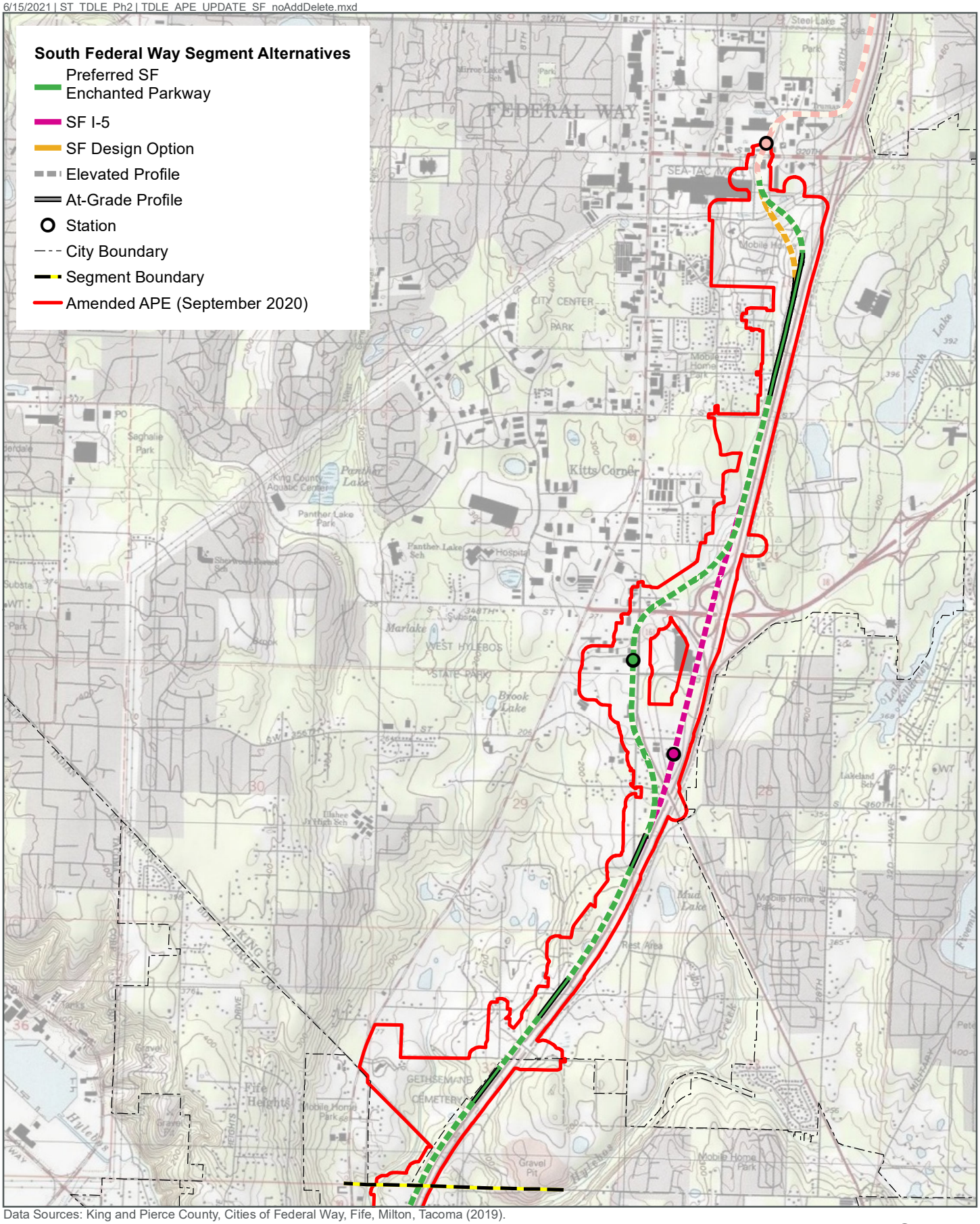

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2
APE and EIS Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

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6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Fife_noAddDelete.mxd

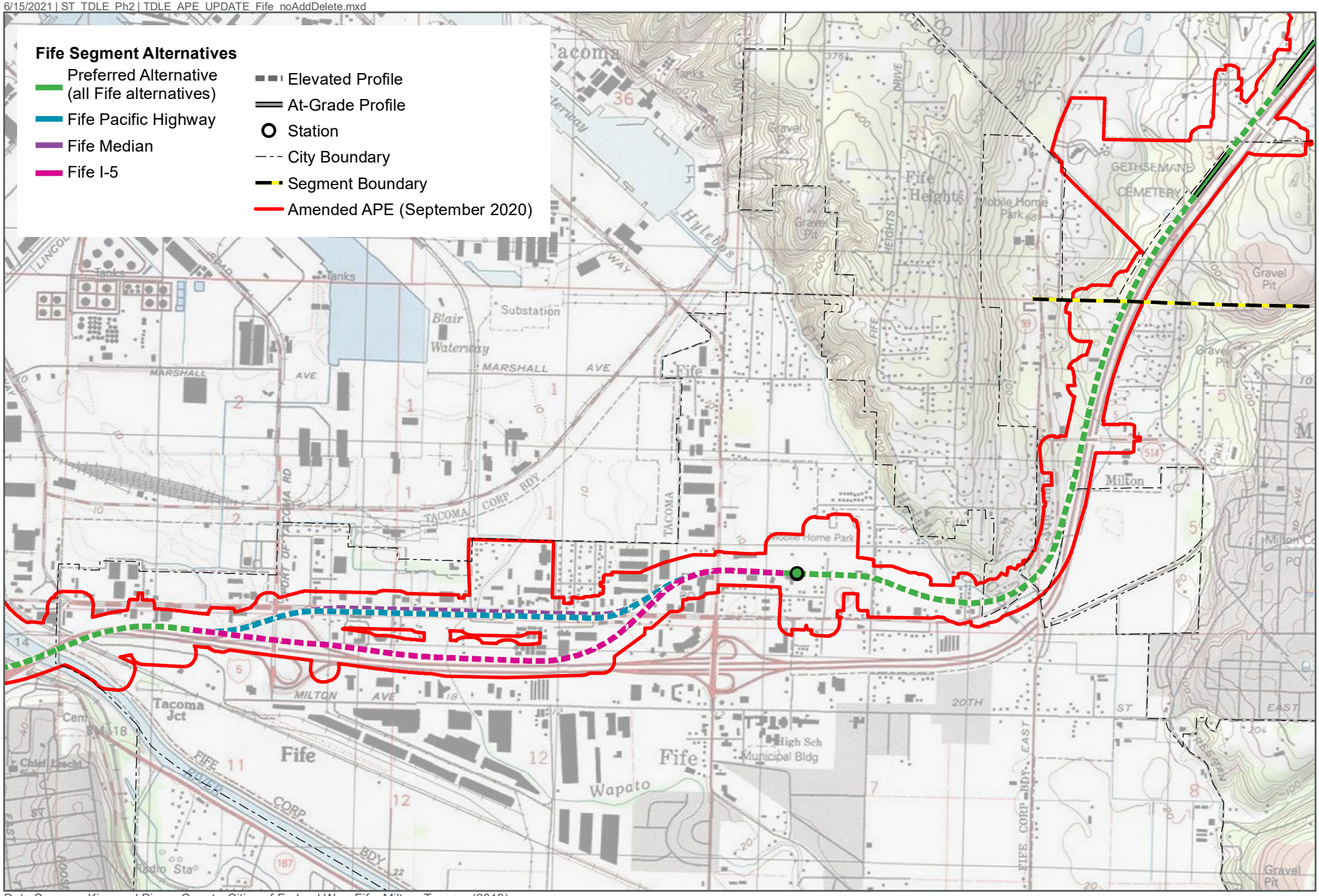

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3
APE and EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

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6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Tacoma_noAddDelete.mxd

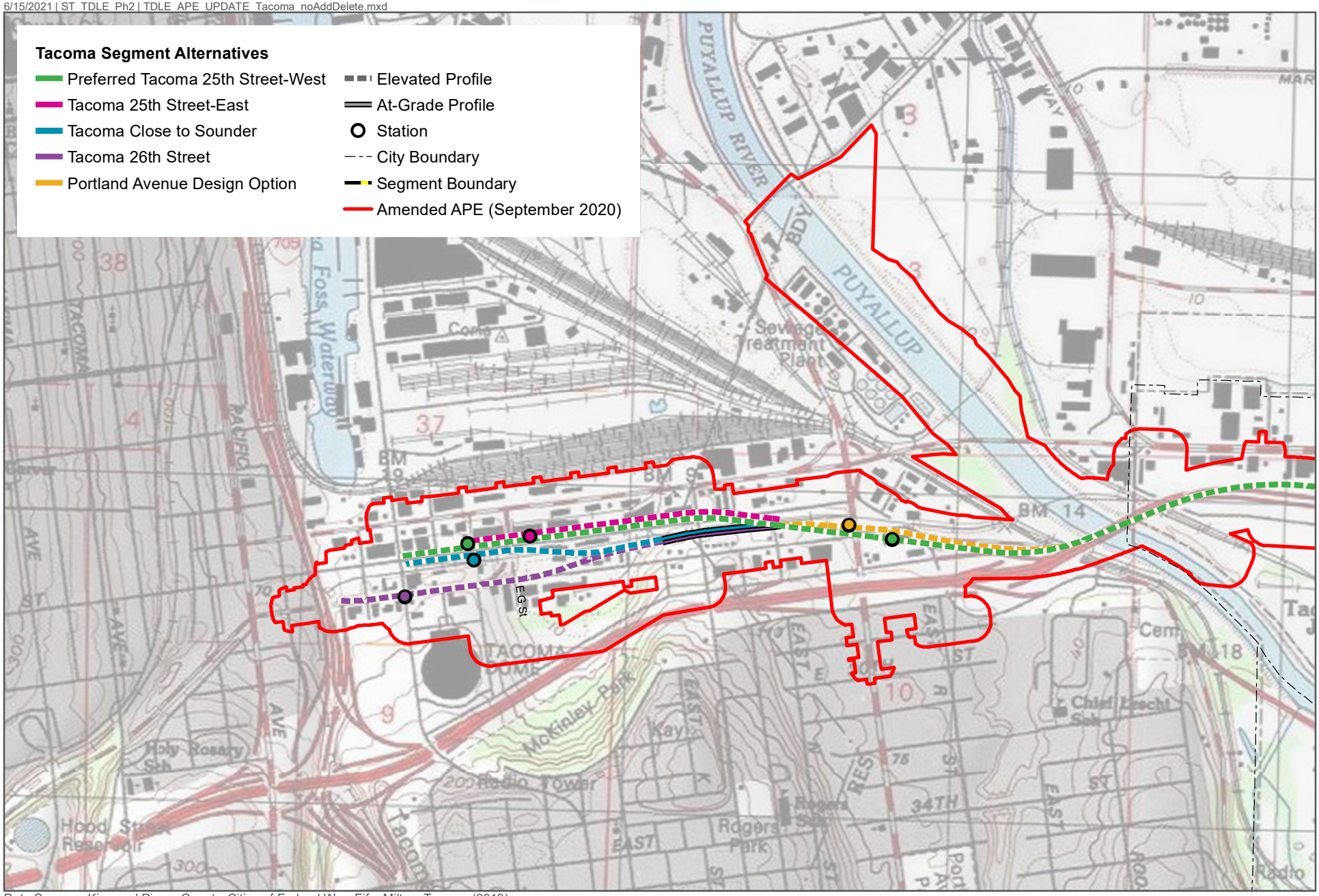

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N

0 0.5 1 Mile

FIGURE 4
APE and EIS Alternatives
Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:35 PM
To: chad.williams@piercecountywa.gov
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Borbe, Elma <elma.borbe@soundtransit.org>; Kennedy, Steven <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
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Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
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U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

August 11, 2021

Chad Williams
Planner
Pierce County
Landmarks and Historic Preservation
930 Tacoma Avenue South
Tacoma, Washington 98402

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Consulting Party Invitation**

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Thank you for your interest in the Project.

Sincerely,

Linda M. Gehrke
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Steven Kennedy, South Corridor Environmental Manager, Sound Transit
Alex Stevenson, Cultural Resources Program Manager, Sound Transit

Enclosure: Project Vicinity and Area of Potential Effects Map Set (Figures 1 through 4)

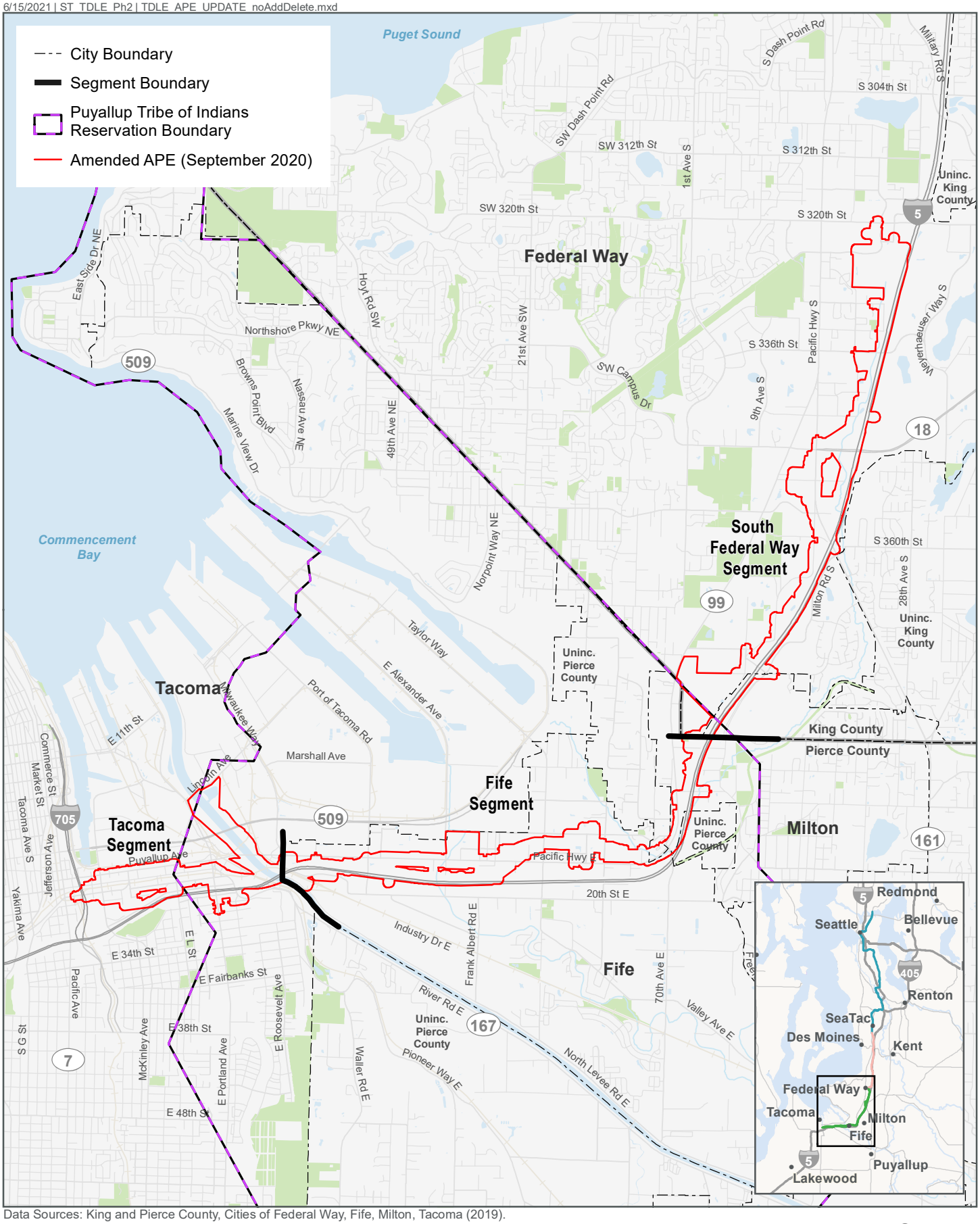

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1
Tacoma Dome Link Extension APE
Vicinity Map

Tacoma Dome Link Extension

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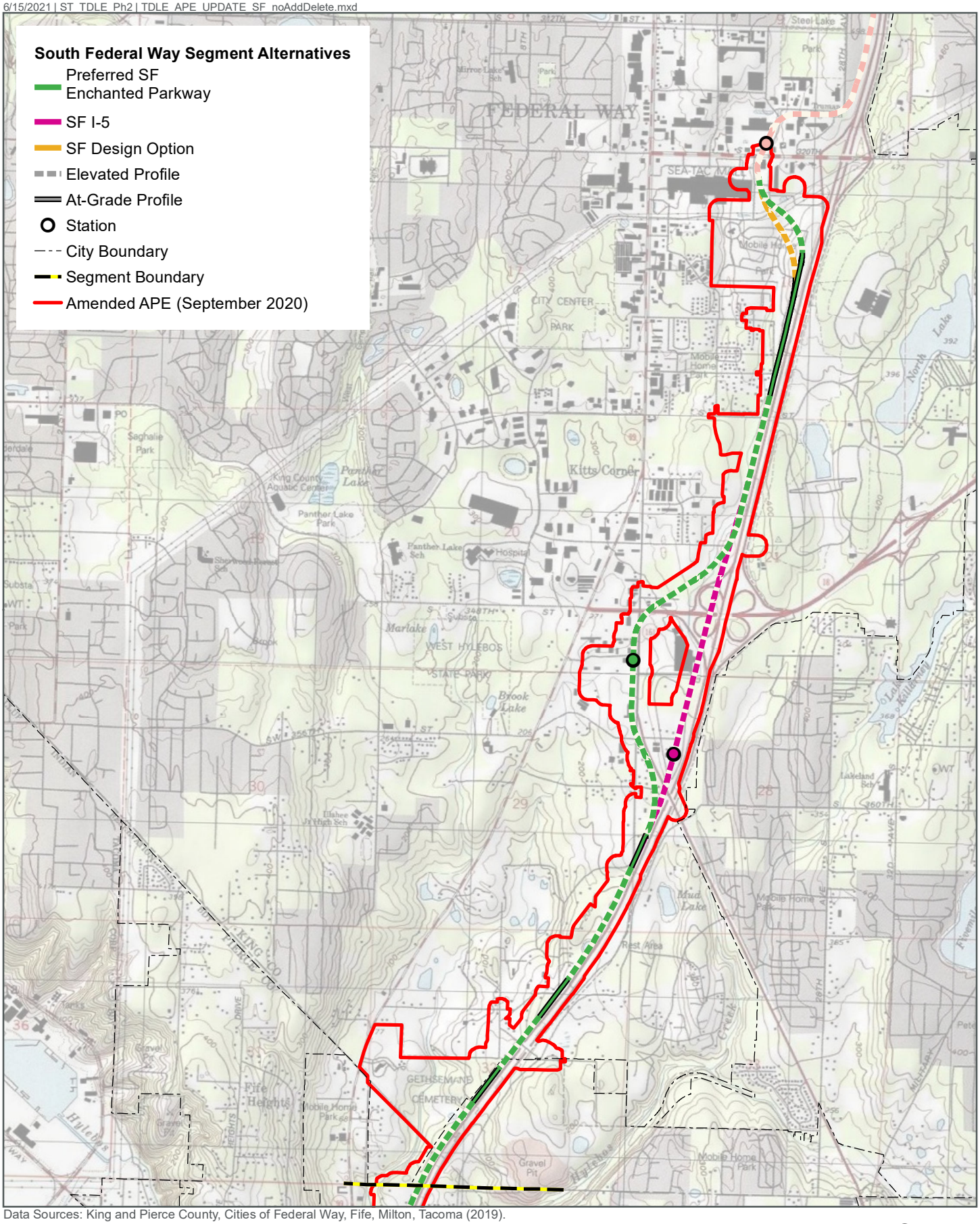

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2
APE and EIS Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Fife_noAddDelete.mxd

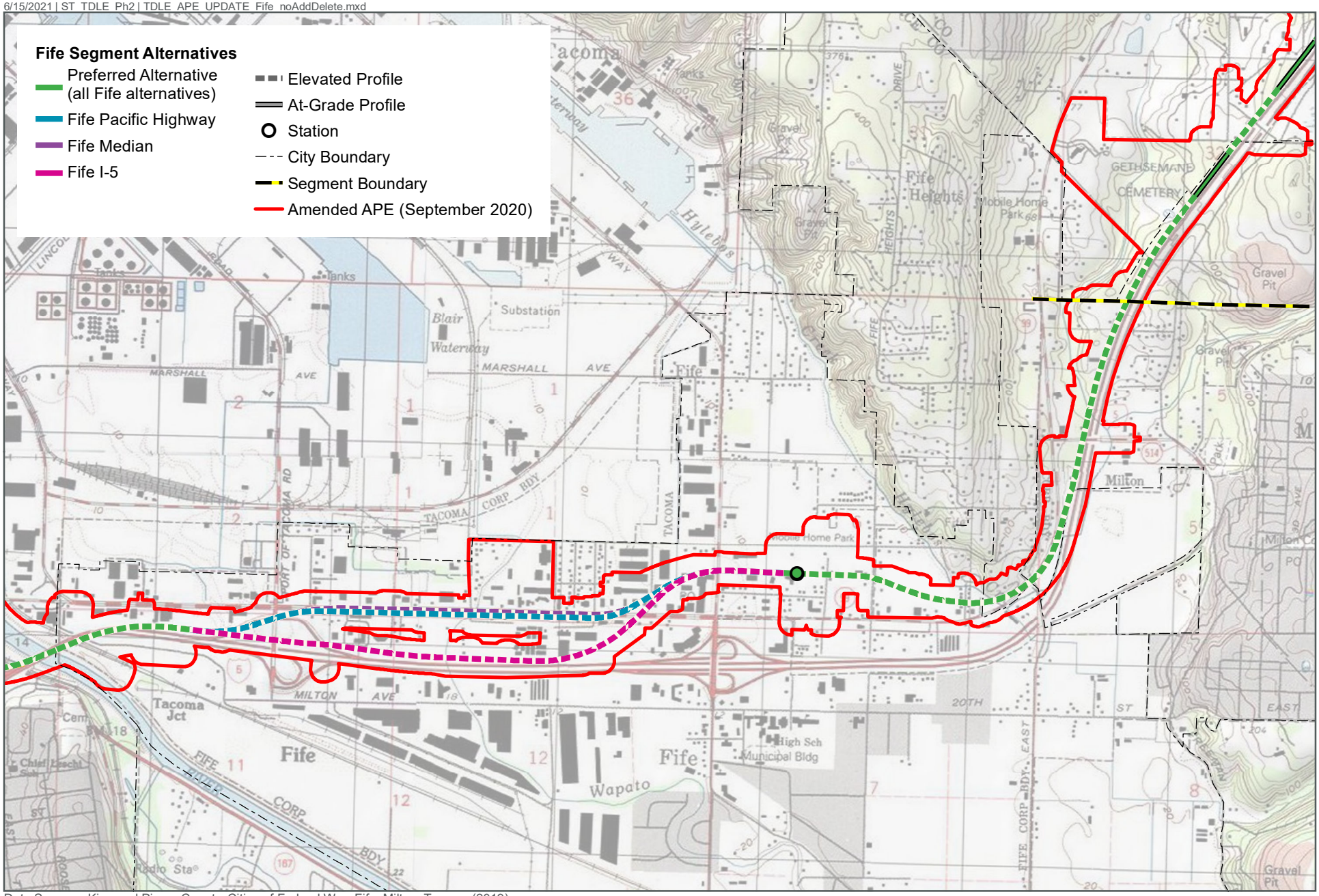

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3
APE and EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Tacoma_noAddDelete.mxd

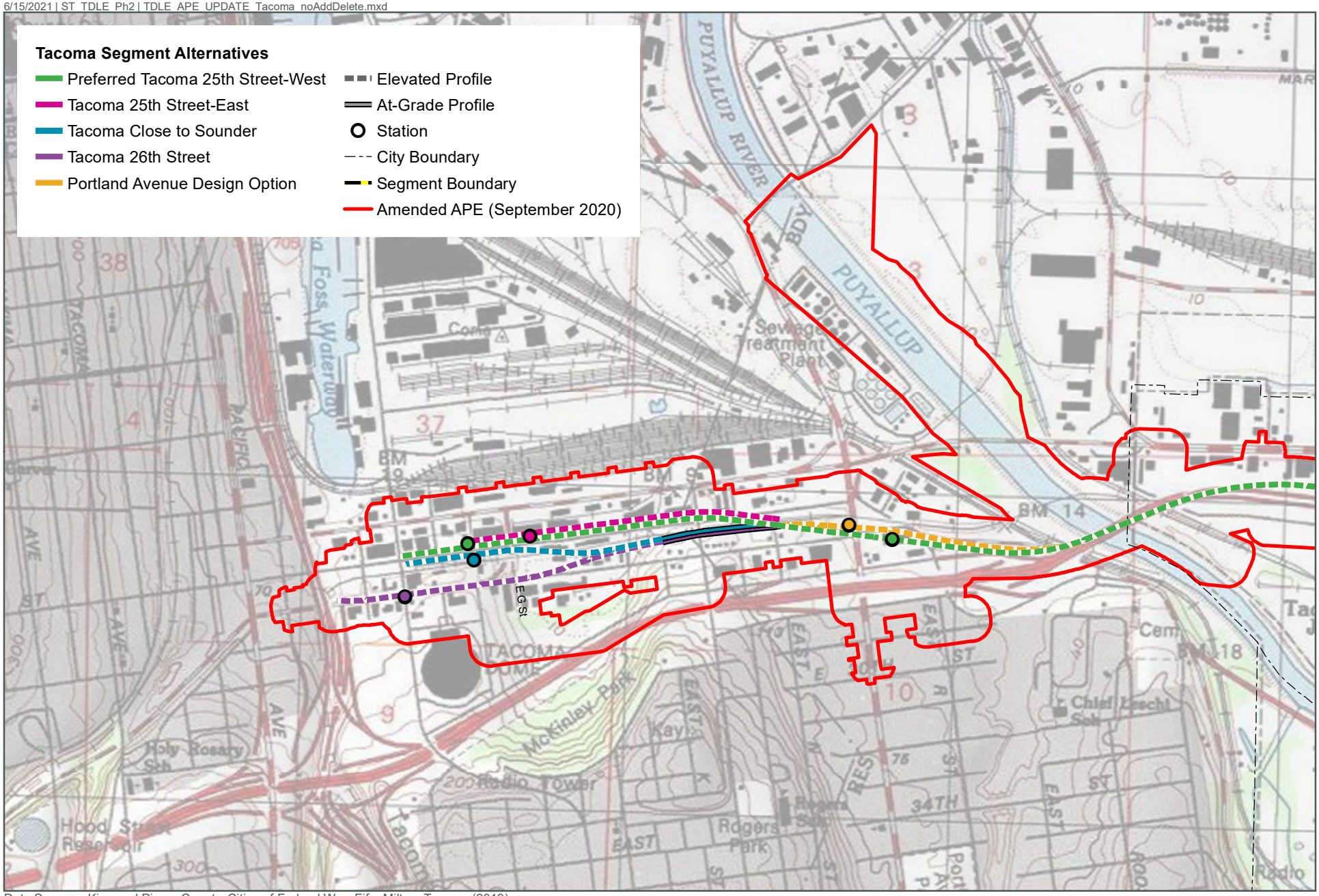

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4
APE and EIS Alternatives
Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:35 PM
To: Cmoore@preservewa.org
Cc: huy@preservewa.org; Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Borbe, Elma <elma.borbe@soundtransit.org>; Kennedy, Steven <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

CAUTION: This email originated from a contact outside Sound Transit. Remember, do not click any links or open any attachments unless you recognize the sender and know the content is safe. Report any suspicious email by clicking the "fish" button in Outlook. Thank you! ST Information Security

Dear Mr. Moore:

Please see the attached Section 106 Consulting Party Invitation letter for the Sound Transit - Tacoma Dome Link Extension Project.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4 mark.assam@dot.gov | www.transit.dot.gov

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

August 11, 2021

Chris Moore
Executive Director
Washington Trust for Historic Preservation
1204 Minor Avenue
Seattle, Washington 98101

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Consulting Party Invitation**

Dear Mr. Moore:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is proposing the Tacoma Dome Link Extension Project (Project). The Project would extend Link light rail service from the Federal Way Transit Center to the Tacoma Dome area in King and Pierce Counties, Washington. Sound Transit intends to apply for federal funds administered by FTA for the Project, making it an undertaking subject to the provisions of Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. This letter invites your organization to participate in the Section 106 consultation process for the Project as a consulting party.

Project Description

The Project would extend Link light rail service approximately 10 miles, from the interim terminus at the Federal Way Transit Center, south to the Tacoma Dome Station, crossing the Puyallup River and the Puyallup Tribe of Indians Reservation, as shown on the enclosed Map Set, Figures 1 through 4. The Project includes a light rail guideway that would be fully separated from traffic, primarily elevated, with some at-grade sections. It also includes four stations that serve the following areas: South Federal Way, Fife, East Tacoma, and Tacoma Dome, with parking provided at the South Federal Way and Fife stations. The Project would also include construction of ancillary facilities, including traction power substations, emergency access spaces, stormwater management features, and various infrastructure realignments and upgrades.

Area of Potential Effects
The Area of Potential Effects (APE) for the Project is illustrated on Figures 1 through 4 in the enclosed Map Set. The APE includes all areas where ground disturbance may occur, including excavation, grading, curb removal, utilities, etc. The APE includes the scope of the project description, including guideway, stations, and ancillary facilities listed above. It also includes proposed construction staging areas that are required to build the Project.

The APE also includes areas where the potential exists for historic properties to be indirectly affected by the Project. Where station construction, signal upgrades and other highly visible improvements are planned, the APE extends on either side of the right-of-way to the nearest tax parcel, or a maximum of 200 feet where large tax parcels are adjacent to Project elements. The APE is also larger in the following areas:

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- The area between Pacific Highway East and 12th Street East, bounded on the west by Alexander Avenue East and 46th Avenue East on the east, in the Fife Segment (see Figure 3). This area was included in the APE in response to feedback from the Puyallup Tribe of Indians to FTA and Sound Transit regarding the cultural importance of this area.
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Thank you for your interest in the Project.

Sincerely,

Linda M. Gehrke
Regional Administrator

cc: Huy Pham, Preservation Programs Director, Washington Trust for Historic Preservation
Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Steven Kennedy, South Corridor Environmental Manager, Sound Transit
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Enclosure: Project Vicinity and Area of Potential Effects Map Set (Figures 1 through 4)

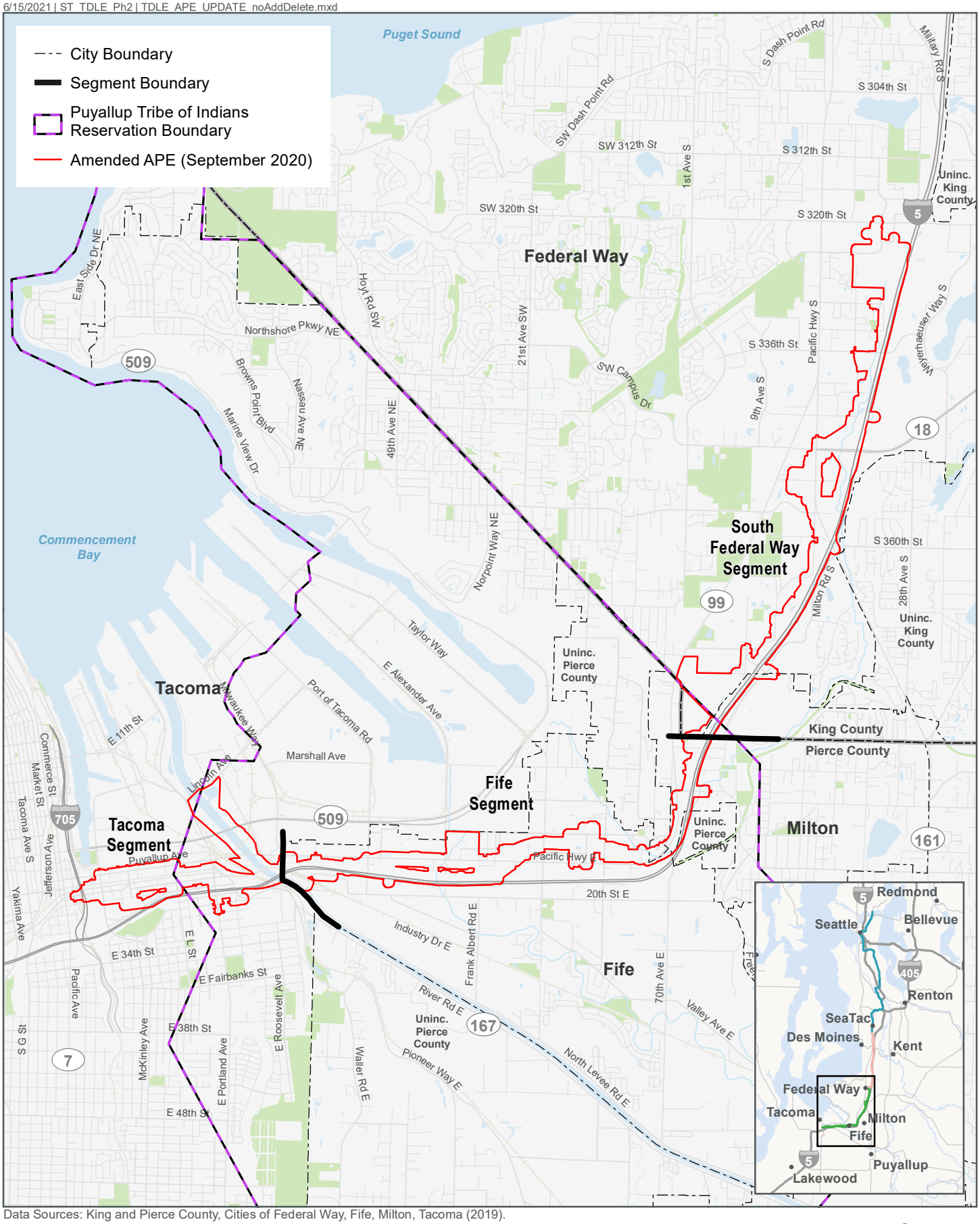

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1
Tacoma Dome Link Extension APE
Vicinity Map

Tacoma Dome Link Extension

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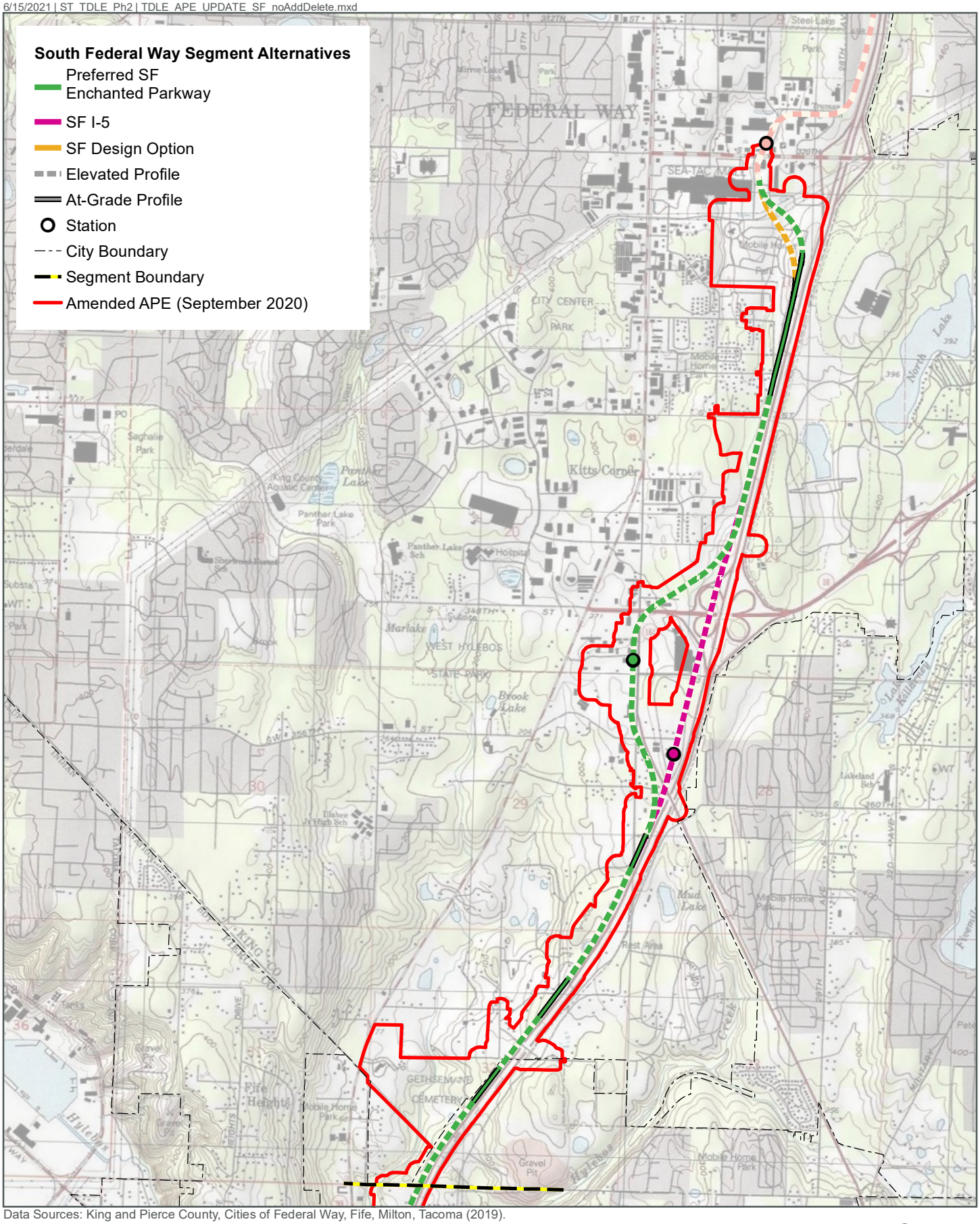

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2
APE and EIS Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

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6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Fife_noAddDelete.mxd

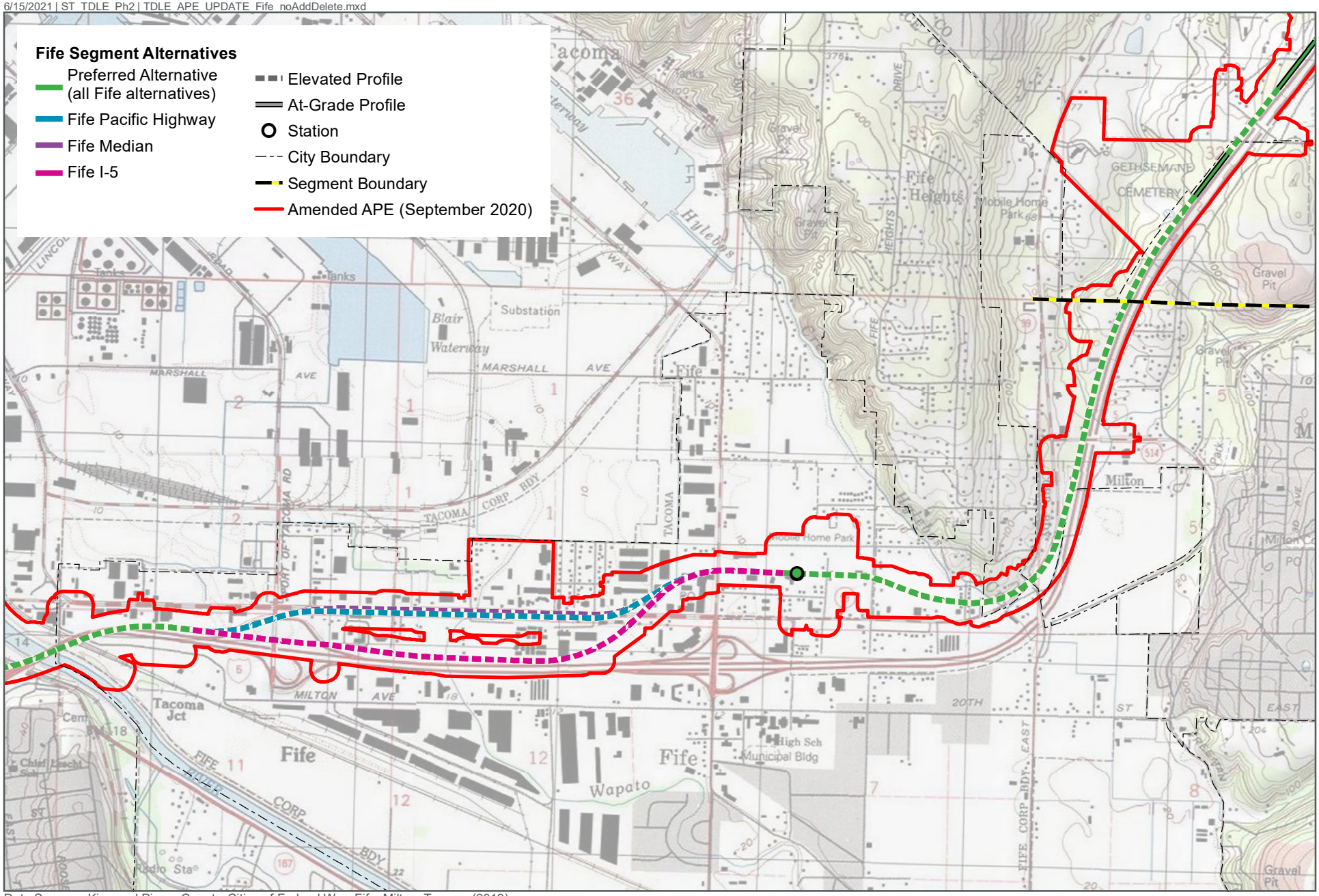

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 3
APE and EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

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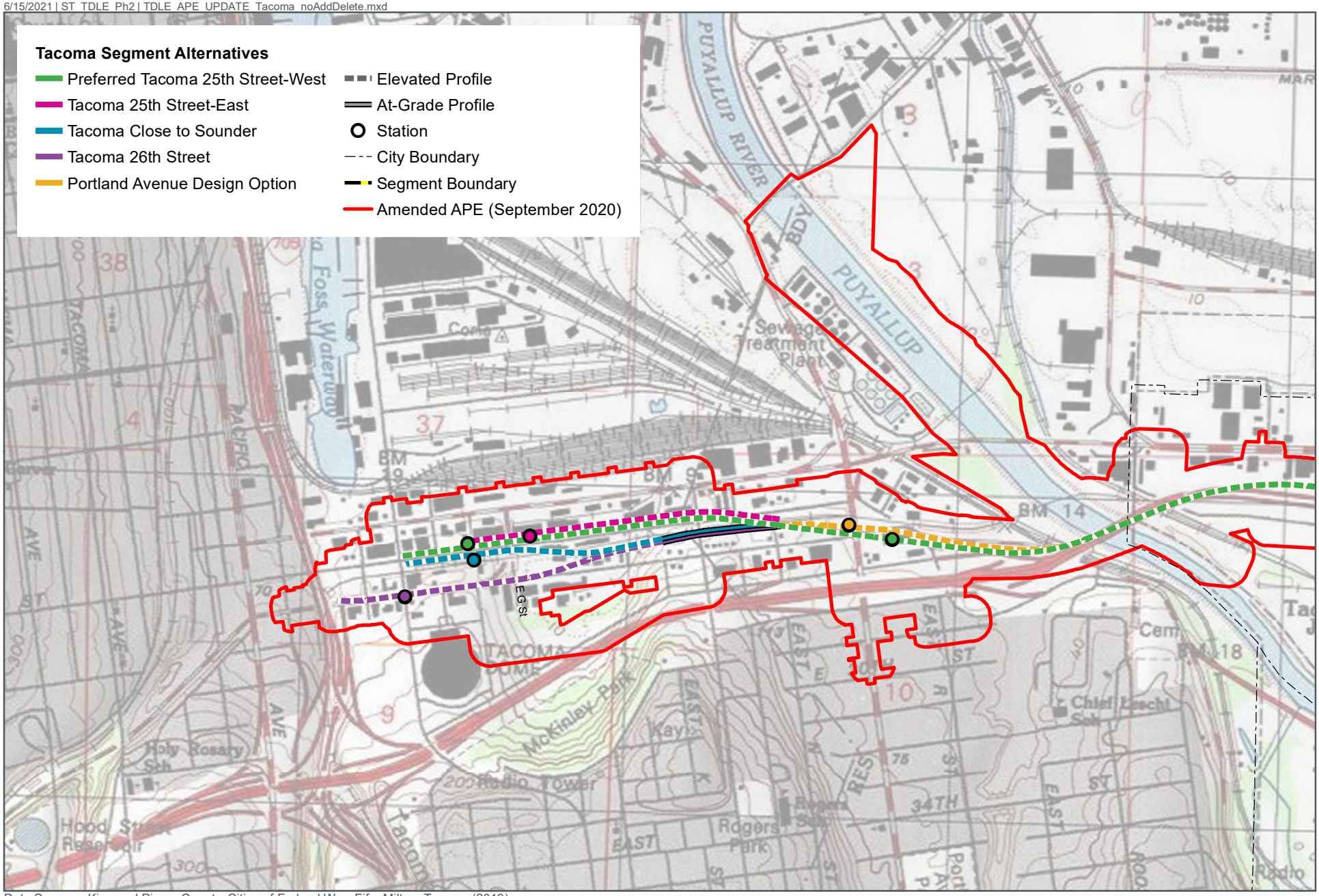

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0 0.5 1 Mile

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APE and EIS Alternatives
Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: jennifer.meisner@kingcounty.gov
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Borbe, Elma <elma.borbe@soundtransit.org>; Kennedy, Steven <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

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Dear Ms. Meisner:

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Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

August 11, 2021

Jennifer Meisner
Historic Preservation Officer
King County Historic Preservation Program
King Street Center
201 South Jackson Street, Room 5700
Seattle, Washington 98104

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Consulting Party Invitation**

Dear Ms. Meisner:

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Thank you for your interest in the Project.

Sincerely,

Linda M. Gehrke
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Steven Kennedy, South Corridor Environmental Manager, Sound Transit
Alex Stevenson, Cultural Resources Program Manager, Sound Transit

Enclosure: Project Vicinity and Area of Potential Effects Map Set (Figures 1 through 4)

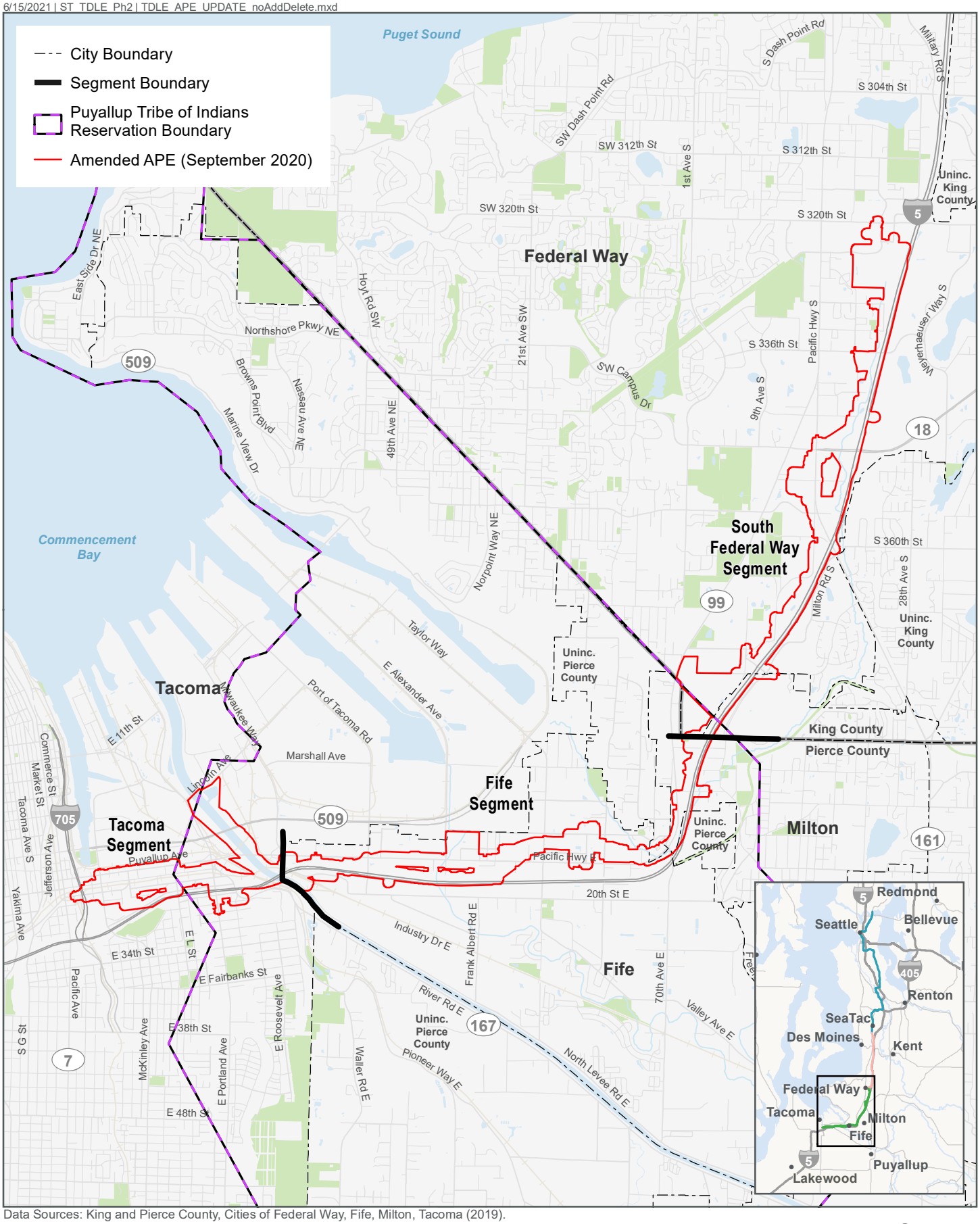

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1
Tacoma Dome Link Extension APE
Vicinity Map

Tacoma Dome Link Extension

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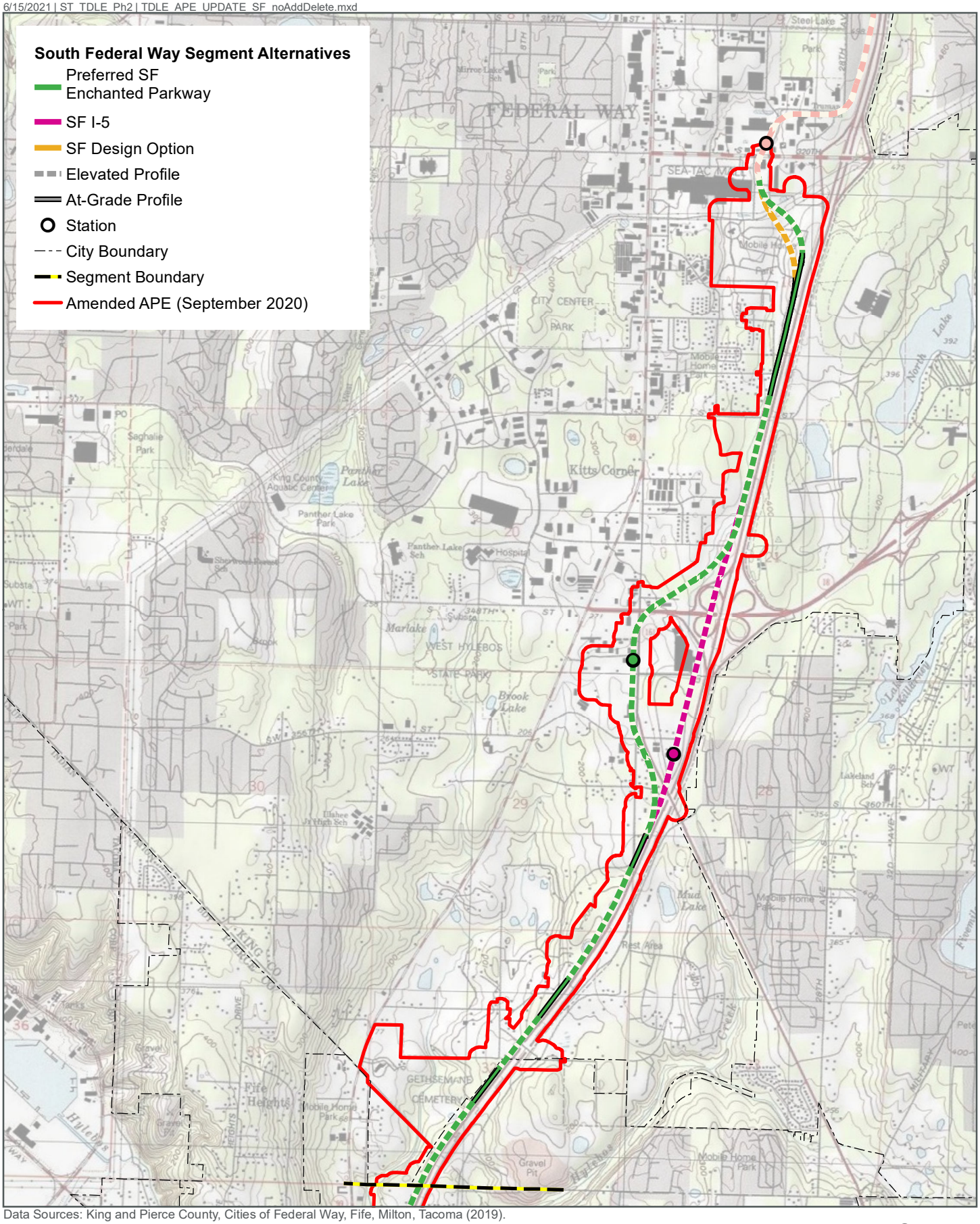

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N

0 0.5 1 Mile

FIGURE 2
APE and EIS Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

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6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Fife_noAddDelete.mxd

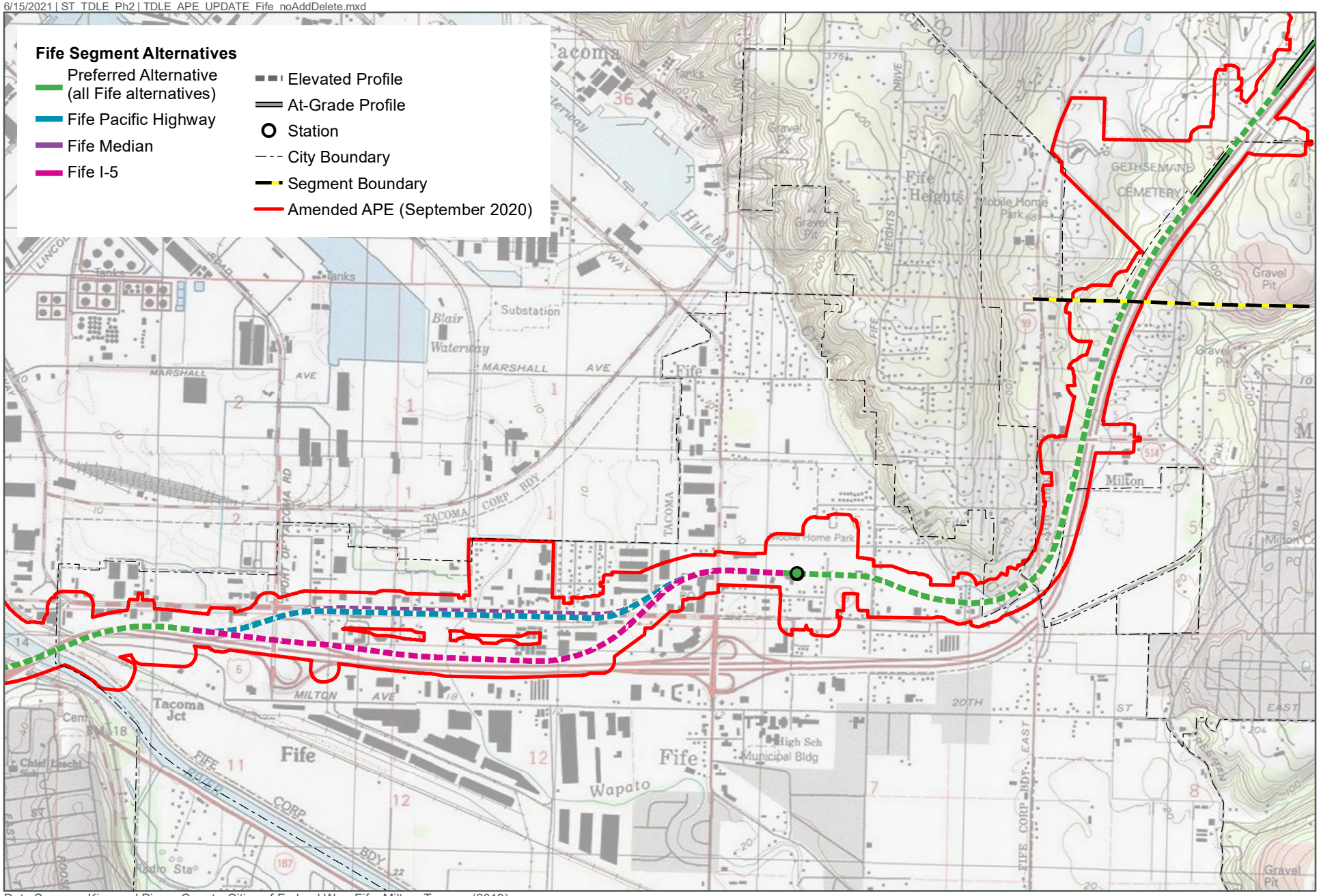

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N

0 0.5 1 Mile

FIGURE 3
APE and EIS Alternatives
Fife Segment

Tacoma Dome Link Extension

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6/15/2021 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Tacoma_noAddDelete.mxd

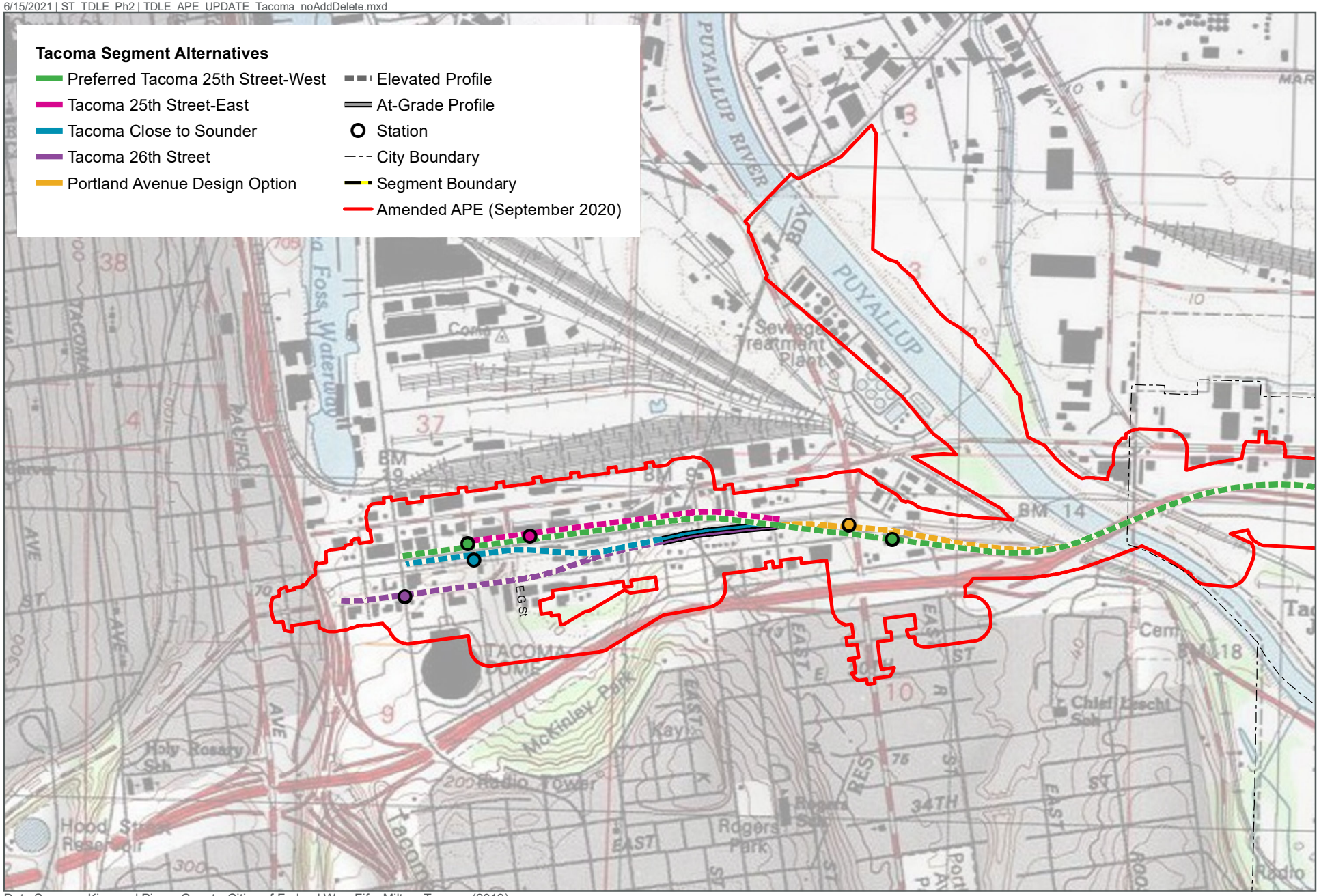

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N

0 0.5 1 Mile

FIGURE 4
APE and EIS Alternatives
Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

From:	Steve Friddle
To:	Assam, Mark (FTA); Andrew Strobel
Cc:	Wardlaw, Dennis (DAHP); Borbe, Elma; Kennedy, Steven; Stevenson, Alex; Ziglar, Kristine (FTA); Changchien, Amy (FTA); Ann Costanza; Barbara Bundy; fta.tro10mail
Subject:	RE: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation
Date:	Wednesday, August 18, 2021 11:30:49 AM

CAUTION – EXTERNAL EMAIL: This email originated from outside of Anchor QEA. Please exercise caution with links and attachments.

Hi Mark,

Yes, I would appreciate being included as part of the Section 106 Consulting.
Thank you for the invitation.

Steven Friddle
Community Development Director
City of Fife
Phone: (253) 778-3484
5411 23rd Street E, Fife, WA 98424

The City of Fife is subject to the Washington Public Records Act, Chapter 42.56 RCW. This message and any attachments may constitute records subject to public disclosure pursuant to the Act.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: Steve Friddle <sfriddle@cityoffife.org>
Cc: Wardlaw, Dennis (DAHP) <dennis.wardlaw@dahp.wa.gov>; Borbe, Elma (elma.borbe@soundtransit.org) <elma.borbe@soundtransit.org>; Steve Kennedy <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changchien, Amy (FTA) <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

Dear Mr. Friddle:

Please see the attached Section 106 Consulting Party Invitation letter for the Sound Transit - Tacoma Dome Link Extension Project.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

From: Huy Pham <huy@preservewa.org>
Sent: Wednesday, September 8, 2021 2:00 PM
To: Stevenson, Alex <alex.stevenson@soundtransit.org>
Cc: Green, Erin <erin.green@soundtransit.org>; Chris Moore <cmoore@preservewa.org>
Subject: RE: Sound Transit - West Seattle and Ballard Link Extensions Project - NHPA Section 106 Area of Potential Effects Amendment, and Eligibility Determination

CAUTION: This email originated from a contact outside Sound Transit. Remember, do not click any links or open any attachments unless you recognize the sender and know the content is safe. Report any suspicious email by clicking the "fish" button in Outlook. Thank you! ST Information Security

Hi Alex,

Thanks for looping me in. Yes, we would like to continue to be including in these two Section 106 projects. I'll be the contact for the Washington Trust for the WS/Ballard extension, and Chris will be for the Tacoma extension. He will confirm in that thread respectively.

Best,

Best,
Huy Pham | Preservation Programs Director
he / him / his

Washington Trust for Historic Preservation
1204 Minor Avenue | Seattle, WA 98101
(206) 624-9449 (office) | (206) 462-2999 (mobile)
preservewa.org

From: Stevenson, Alex <alex.stevenson@soundtransit.org>
Sent: Wednesday, September 8, 2021 9:08 AM
To: Huy Pham <huy@preservewa.org>; Chris Moore <cmoore@preservewa.org>
Cc: Green, Erin <erin.green@soundtransit.org>
Subject: FW: Sound Transit - West Seattle and Ballard Link Extensions Project - NHPA Section 106 Area of Potential Effects Amendment, and Eligibility Determination

Good morning –
The below email went out from FTA yesterday. I just provided them with your updated contact information. I believe FTA sent the email to the 'info' email address.
I am not sure if they will send it again or not but wanted to loop you both in.
Alex

Alex E. Stevenson
Cultural Resources Program Manager
Sound Transit
Desk: 206-553-3655
Mobile: 206-419-5315
Pronouns: He/Him/His
Connect with us
facebook.com/SoundTransit
twitter.com/SoundTransit

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Tuesday, September 7, 2021 3:35 PM
To: Jennifer Mortensen <jmortensen@preservewa.org>
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Hayes, Dezerae <Dezerae.Hayes@soundtransit.org>; Swift, Lauren <lauren.swift@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changhchien, Amy <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - West Seattle and Ballard Link Extensions Project - NHPA Section 106 Area of Potential Effects Amendment, and Eligibility Determination

CAUTION: This email originated from a contact outside Sound Transit. Remember, do not click any links or open any attachments unless you recognize the sender and know the content is safe. Report any suspicious email by clicking the "fish" button in Outlook. Thank you! ST Information Security

Dear Ms. Mortensen:

Please see the attached Section 106 Area of Potential Effects Amendment, and Eligibility Determination letter for the Sound Transit - West Seattle and Ballard Link Extensions Project. Please note, due to e-mail attachment file-size limitations, the referenced enclosure documents are not attached to this e-mail message. The enclosure documents are described in the attached summary document, and may be downloaded from the following URL:

https://ftp.anchorqea.com/aq
Username: 170036-01.01_5c@170036-01.01_5c
Password: WSBLE21!

Please let me know if you have questions, or any trouble downloading the files.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

From:	Assam, Mark (FTA)
To:	Meisner, Jennifer
Cc:	Stevenson, Alex; LeTourneau, Philippe; Scott, Todd; Costanza, Ann; Barbara Bundy
Subject:	RE: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation
Date:	Monday, September 13, 2021 7:00:26 PM

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Hi Jennifer,
Thank you for your response on this item. We will note the project documentation accordingly.
Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

From: Meisner, Jennifer <Jennifer.Meisner@kingcounty.gov>
Sent: Friday, September 10, 2021 10:29 AM
To: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Cc: Stevenson, Alex <alex.stevenson@soundtransit.org>; LeTourneau, Philippe <Philippe.LeTourneau@kingcounty.gov>; Scott, Todd <Todd.Scott@kingcounty.gov>
Subject: RE: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

CAUTION: This email originated from outside of the Department of Transportation (DOT). Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi Mark,
Thank you for inviting King County's Historic Preservation Program to participate in the Section 106 consultation process for the Tacoma Dome Link Extension Project. Due to the current heavy demand for cultural resources reviews and our limited staff capacity, we are unable to participate.
My best,
Jennifer

Jennifer Meisner | Historic Preservation Officer | she/her/hers
King County Historic Preservation Program | Dept. of Natual Resouces and Parks
201 S. Jackson Suite 700, Seattle, WA 98104 | work: 206.477.0384 | cell: 206.402.8977
jennifer.meisner@kingcounty.gov | www.kingcounty.gov/landmarks

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: Meisner, Jennifer <Jennifer.Meisner@kingcounty.gov>
Cc: Wardlaw, Dennis (DAHP) <dennis.wardlaw@dahp.wa.gov>; Borbe, Elma (elma.borbe@soundtransit.org) <elma.borbe@soundtransit.org>; Steve Kennedy <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changchien, Amy (FTA) <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party

Invitation

> You don't often get email from mark.assam@dot.gov. Learn why this is important

[EXTERNAL Email Notice!] External communication is important to us. Be cautious of phishing attempts. Do not click or open suspicious links or attachments.

Dear Ms. Meisner:

Please see the attached Section 106 Consulting Party Invitation letter for the Sound Transit - Tacoma Dome Link Extension Project.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Tuesday, September 28, 2021 5:30 PM
To: McKnight, Reuben <RMCKNIGH@cityoftacoma.org>
Cc: Wardlaw, Dennis <Dennis.Wardlaw@dahp.wa.gov>; Green, Erin <erin.green@soundtransit.org>; Borbe, Elma <elma.borbe@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>
Subject: RE: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

CAUTION: This email originated from a contact outside Sound Transit. Remember, do not click any links or open any attachments unless you recognize the sender and know the content is safe. Report any suspicious email by clicking the "fish" button in Outlook. Thank you! ST Information Security

Hi Reuben,

Thank you for your response. We will include you in the list of consulting parties for the subject project.

Thanks,

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

From: McKnight, Reuben <RMCKNIGH@cityoftacoma.org>
Sent: Thursday, September 23, 2021 1:37 PM
To: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Subject: RE: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

CAUTION: This email originated from outside of the Department of Transportation (DOT). Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. Assam:

I missed this correspondence. I realize we are outside of the 30 day response window, but I would like to accept the invitation if I am still able.

Thank you,
Reuben

Reuben M McKnight, MUP
(he/him/his)
Historic Preservation Officer
City of Tacoma Planning and Development Services Department
747 Market Street Room 345
Tacoma, WA 98402

v. 253-591-5220
m. 253-686-8468
www.cityoftacoma.org/historicpreservation

Customer Survey
Please take a moment to complete this survey about your experience with our department. Your comments will be used to recognize employees for providing great customer service and it will also help us find opportunities to overcome challenges.

Want to learn more about Tacoma history? Check out our events page at www.cityoftacoma.org/hpevents.

From: Assam, Mark (FTA) <Mark.Assam@dot.gov>
Sent: Friday, August 13, 2021 2:34 PM
To: McKnight, Reuben <RMCKNIGH@cityoftacoma.org>
Cc: Wardlaw, Dennis (DAHP) <dennis.wardlaw@dahp.wa.gov>; Borbe, Elma (elma.borbe@soundtransit.org) <elma.borbe@soundtransit.org>; Steve Kennedy <steven.kennedy@soundtransit.org>; Stevenson, Alex <alex.stevenson@soundtransit.org>; Ziglar, Kristine (FTA) <Kristine.Ziglar@dot.gov>; Changchien, Amy (FTA) <Amy.Changchien@dot.gov>; Costanza, Ann <acostanza@anchorqea.com>; Barbara Bundy <bbundy@anchorqea.com>; fta.tro10mail <fta.tro10mail@dot.gov>
Subject: Sound Transit - Tacoma Dome Link Extension Project - NHPA Section 106 Consulting Party Invitation

Dear Mr. McKnight:

Please see the attached Section 106 Consulting Party Invitation letter for the Sound Transit - Tacoma Dome Link Extension Project.

Thanks,

_____

Mark A. Assam, AICP
U.S. Department of Transportation
Federal Transit Administration, Region X
915 2nd Avenue, Suite 3142 | Seattle, WA 98174-1002
(206) 220-4465 | mark.assam@dot.gov | www.transit.dot.gov

U.S. Department of Transportation
Federal Transit Administration

REGION X
Alaska, Idaho, Oregon, Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

April 11, 2023

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Washington Department of Archaeology and Historic Preservation
P.O. Box 48343
Olympia, WA 98504-8343

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Area of Potential Effects and Cultural Resources Survey
SHPO Project Tracking Code 2018-02-01251

Dear Dr. Brooks:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the Washington State Historic Preservation Officer (SHPO) under Section 106 of the National Historic Preservation Act, and its implementing regulations at 36 Code of Federal Regulations (CFR) Part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Transit Center to the Tacoma Dome area in King and Pierce Counties, Washington. FTA initiated Section 106 consultation with SHPO in correspondence dated April 5, 2019. On November 5, 2020, in consultation with your office, FTA defined a revised Area of Potential Effects (APE) for the project and provided a Cultural Resources Survey and Inventory Plan (Survey Plan) for review. Your office agreed with the APE revisions on November 13, 2020, and had no comments on the Survey Plan. Since that time, the Project design has advanced and additional information has become available, which will require an amendment to the APE and additional cultural resources survey and inventory. This letter requests comments on the amended APE and continued use of the Survey Plan within the expanded APE.

Project Description
The Project would extend Link light rail service approximately 10 miles from the Federal Way Transit Center south to the Tacoma Dome Station (see enclosed Figures 1 through 4), crossing the Puyallup River and the Puyallup Indian Reservation. The light rail line would be fully

separated from traffic and primarily elevated, with some at-grade sections. The Project includes four stations: South Federal Way, Fife, East Tacoma, and Tacoma Dome, with parking provided at the South Federal Way and Fife stations. Recent revisions to the Project include two additional Fife station alternatives and an additional alignment alternative in the South Federal Way area that generally follows State Route 99 (SR-99).

APE Amendment
As shown in the enclosed APE map set (see Figures 1 through 4), the APE has been modified in three areas to incorporate new Project information, including the following:

- Two additional station alternatives in the City of Fife.
- An additional alignment alternative that generally follows SR-99 in the south Federal Way area.

Request for Comment
Pursuant to 36 CFR Part 800, FTA invites your comments on the amended APE and the Survey Plan within 30 days of receipt of this letter. If FTA can provide any assistance or additional information that would aid in your prompt reply, please feel free to contact Justin Zweifel via email at justin.zweifel@dot.gov or by phone at 206-220-7538.

Thank you for your consultation on the Project.

Sincerely,

Susan Fletcher
Acting Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, Washington Department of Archaeology and Historic Preservation
Erin Green, South Corridor Environmental Manager, Sound Transit
Alex Stevenson, Cultural Resources Manager, Sound Transit

Enclosures: Figures 1 through 4 – Tacoma Dome Link Extension APE Maps

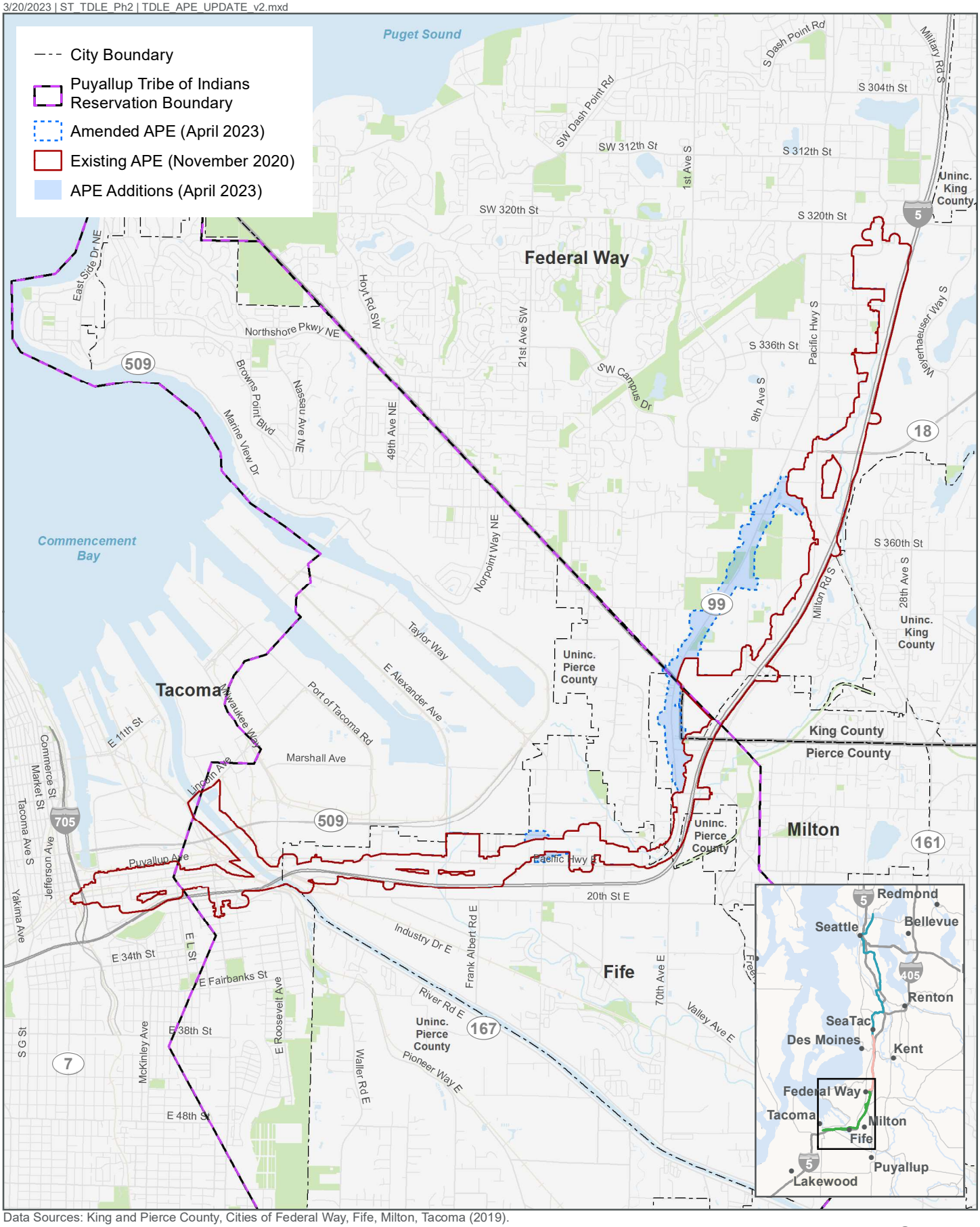

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 1 2 Miles

FIGURE 1

Tacoma Dome Link Extension APE Vicinity Map

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/20/2023 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_SF_v2.mxd

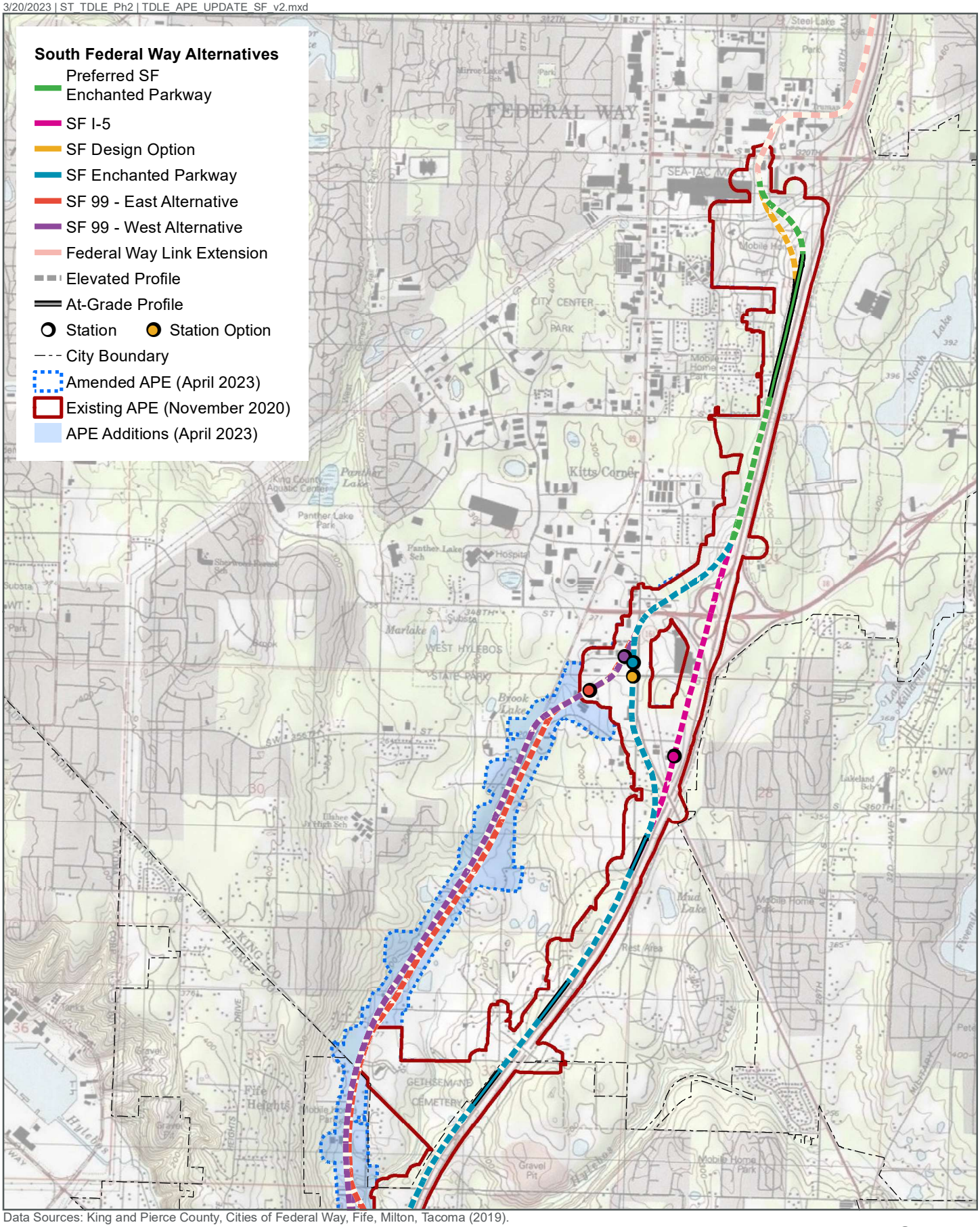

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 2
Tacoma Dome Link Extension APE
South Federal Way

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

3/20/2023 | ST_TDLE_Ph2 | TDLE_APE_UPDATE_Fife_v2.mxd

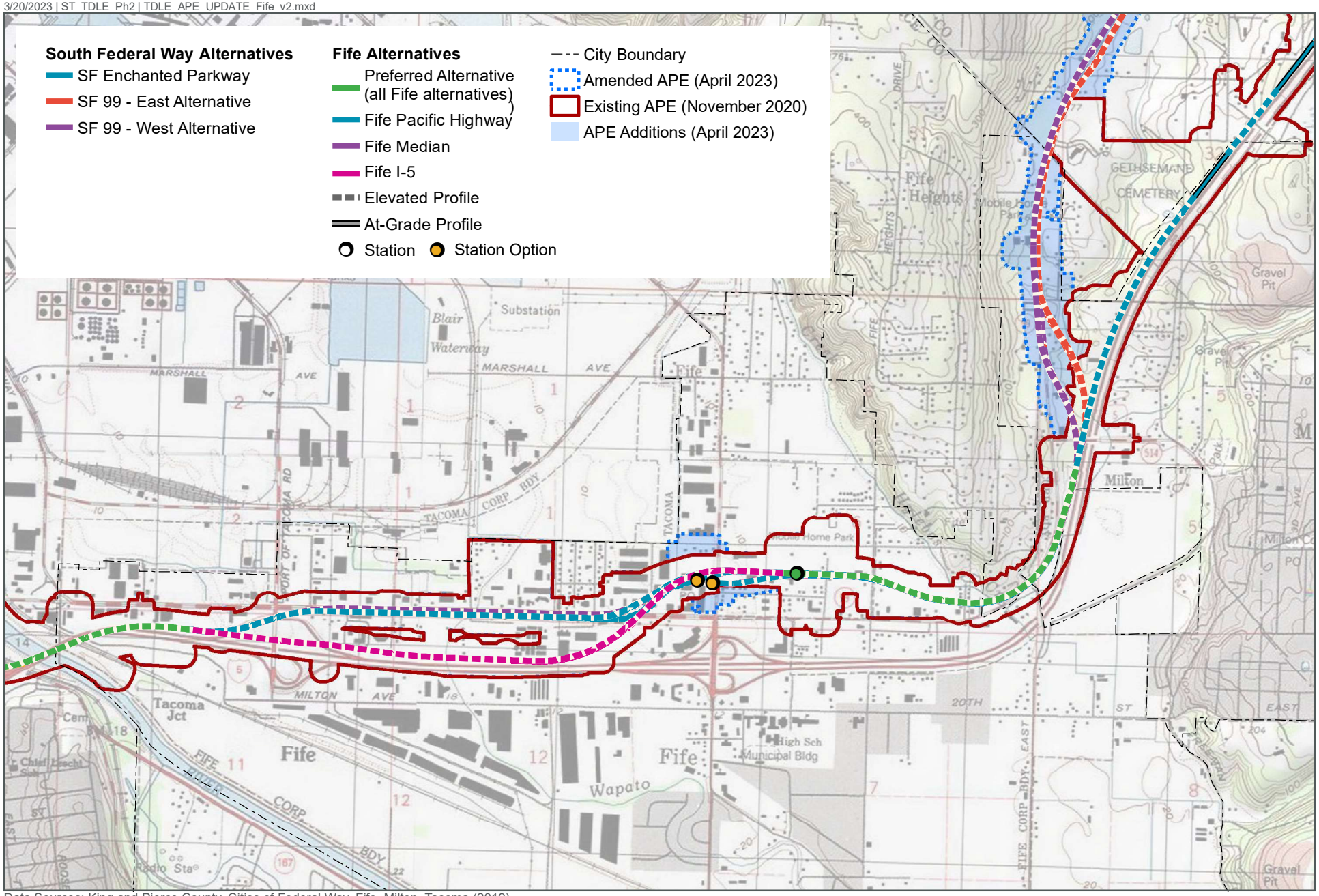

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE 3
Tacoma Dome Link Extension APE
Fife

Tacoma Dome Link Extension

N

0 0.5 1 Mile

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

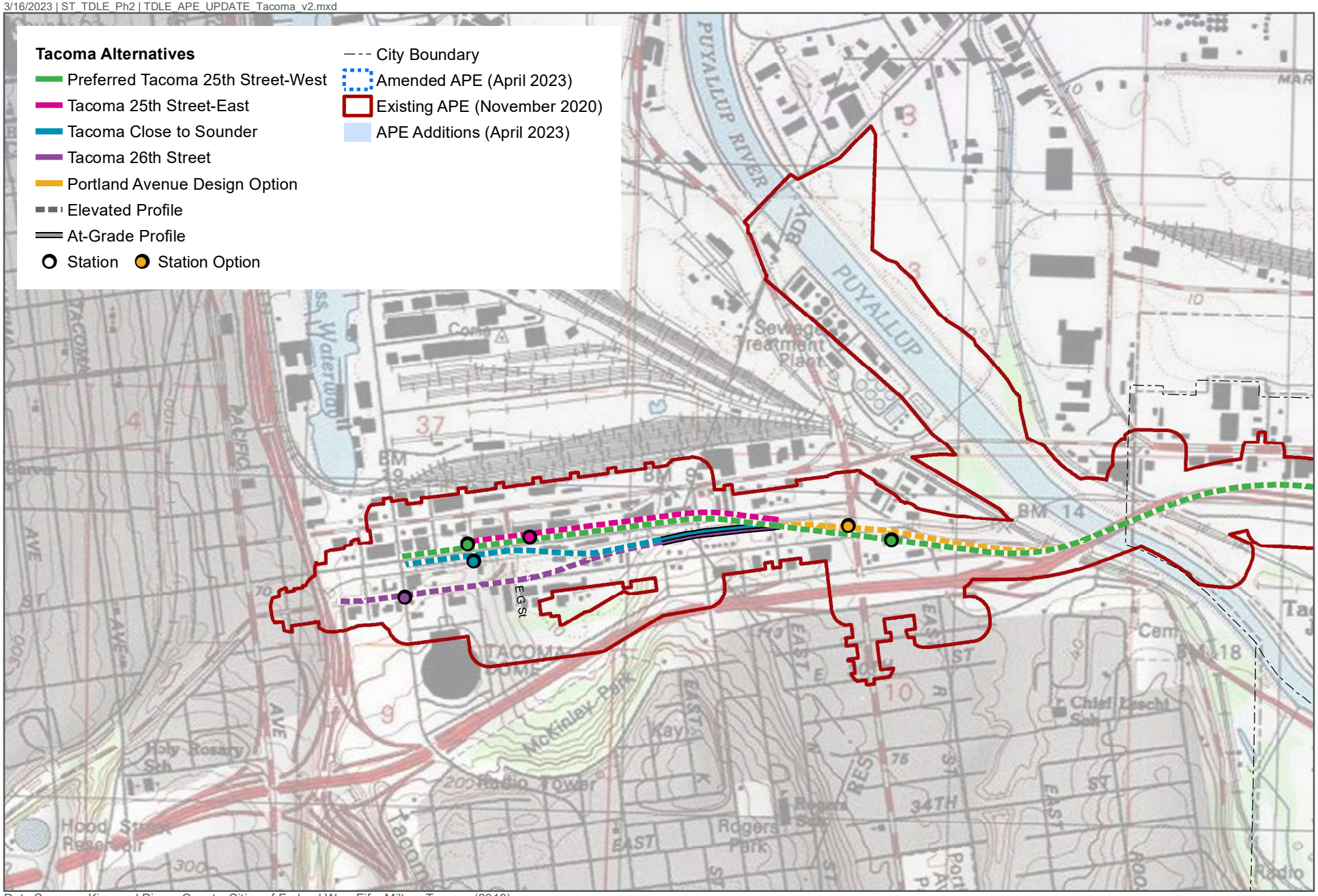

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

N

0 0.5 1 Mile

FIGURE 4
Tacoma Dome Link Extension APE
Tacoma

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

April 20, 2023

Susan Kay Fletcher
Acting Regional Administrator
US Department of Transportation
Federal Transit Administration Region X

In future correspondence please refer to:
Project Tracking Code: 2018-02-01251
Property: Tacoma Dome Link Extension
Re: Archaeology – Revised APE Concur

Dear Susan Kay Fletcher:

Thank you for contacting the State Historic Preservation Officer (SHPO) and Department of Archaeology and Historic Preservation (DAHP) regarding the Tacoma Dome Link Extension Project. In response, we have reviewed your description and map of the area of potential effect (APE).

We concur with your revised definition of the APE. We also concur with your proposed survey methodology. Along with the results of the inventory we will need to review your consultation with the concerned tribes, and other interested/affected parties. Please provide any correspondence or comments from concerned tribes and/or other parties that you receive as you consult under the requirements of 36 CFR 800.4(a)(4).

These comments are based on the information available at the time of this review and on behalf of the SHPO in conformance with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR 800. Should additional information about the project become available, our assessment may be revised.

Thank you for the opportunity to review and comment. Please ensure that the DAHP Project Number (a.k.a. Project Tracking Code) is shared with any hired cultural resource consultants and is attached to any communications or submitted reports. If you have any questions, please feel free to contact me.

Sincerely,

Maureen Elenga, M.A.
Transportation Reviewer
(360) 972-4539
Maureen.Elenga@dahp.wa.gov

U.S. Department of Transportation
Federal Transit Administration

REGION X
Alaska, Idaho, Oregon, Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

The Honorable Bill Sterud
Chairman
Puyallup Tribe of the Puyallup Reservation
3009 East Portland Avenue
Tacoma, WA 98404

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Chairman Sterud:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with your Tribe under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County, WA to the Tacoma Dome area in Pierce County, WA.

FTA initiated Section 106 consultation with your Tribe in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with your Tribe, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
Archaeological Site Inventory Forms are enclosed for your review (Attachment 1). Table 1, below, summarizes FTA's eligibility determinations based on the recent cultural resources analysis. Nine newly recorded archaeological resources within the APE have been evaluated for NRHP eligibility; one of these (45PI1555 – not included in Attachment 1) is still being evaluated, thus an eligibility determination is not provided at this time. Two previously recorded archaeological resources within the APE (45PI724 and 45PI743), both without a prior NRHP eligibility determination, have also been evaluated for NRHP eligibility. Project Design is on-

going, and it is unclear at this time which, if any, of the resources in Table 1 are within the area of anticipated ground disturbance.

Table 1. Archaeological Resources – FTA's NRHP Eligibility Determinations

Smithsonian Trinomial	**Eligibility Determination**	**Note**
45KI1583	Not eligible	Newly recorded archaeological resource
45KI1584	Not eligible	Newly recorded archaeological resource
45KI1585	Not eligible	Newly recorded archaeological resource
45KI1586	Eligible: Criterion A	Newly recorded archaeological resource
45KI1587	Not eligible	Newly recorded archaeological resource
45KI1588	Not eligible	Newly recorded archaeological resource
45PI724	Not eligible	Updated archaeological site inventory form
45PI743	Not eligible	Updated archaeological site inventory form
45PI1555	No determination: Needs additional evaluation	Newly recorded archaeological resource; not included in Attachment 1
45PI1556	Not eligible	Newly recorded archaeological resource
45PI1557	Eligible: Criterion D	Newly recorded archaeological resource

Historic Built Environment Resources
Sound Transit and FTA evaluated 233 built environment resources on 223 parcels within the Project APE for NRHP eligibility and documented them on Historic Property Inventory forms (Attachment 2). Attachment 3 depicts the location and FTA's NRHP eligibility determination for each resource. FTA has determined that 21 of these are eligible for listing in the NRHP. One resource within the APE (WISAARD Property ID 31673) was previously listed in the NRHP and the prior documentation has been updated per request from WA Department of Archaeology and Historic Preservation (DAHP). Attachment 4 is an excel file with FTA's NRHP eligibility determinations for the 233 built environment resources.

Eligibility Determinations
Supported by the information provided in the enclosed Attachment 1 and Attachment 2, FTA's NRHP eligibility determinations are provided in:

- Table 1, above, for archaeological resources.
- Attachment 4, column J, for built environment resources.

Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:37:27 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Brandon Reynon, Cultural Resources, Puyallup Tribe of the Puyallup Reservation
Jennifer Keating, Land Use Planner, Puyallup Tribe of the Puyallup Reservation
Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
Attachment 2 – Historic Property Inventory Forms, May 2024.
Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

U.S. Department of Transportation
Federal Transit Administration

REGION X
Alaska, Idaho, Oregon, Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

The Honorable Jaison Elkins
Chairman
Muckleshoot Indian Tribe
39015 172nd Avenue SE
Auburn, WA 98092

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Chairman Elkins:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with your Tribe under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County, WA to the Tacoma Dome area in Pierce County, WA.

FTA initiated Section 106 consultation with your Tribe in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with your Tribe, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
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going, and it is unclear at this time which, if any, of the resources in Table 1 are within the area of anticipated ground disturbance.

Table 1. Archaeological Resources – FTA's NRHP Eligibility Determinations

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45KI1583	Not eligible	Newly recorded archaeological resource
45KI1584	Not eligible	Newly recorded archaeological resource
45KI1585	Not eligible	Newly recorded archaeological resource
45KI1586	Eligible: Criterion A	Newly recorded archaeological resource
45KI1587	Not eligible	Newly recorded archaeological resource
45KI1588	Not eligible	Newly recorded archaeological resource
45PI724	Not eligible	Updated archaeological site inventory form
45PI743	Not eligible	Updated archaeological site inventory form
45PI1555	No determination: Needs additional evaluation	Newly recorded archaeological resource; not included in Attachment 1
45PI1556	Not eligible	Newly recorded archaeological resource
45PI1557	Eligible: Criterion D	Newly recorded archaeological resource

Historic Built Environment Resources
Sound Transit and FTA evaluated 233 built environment resources on 223 parcels within the Project APE for NRHP eligibility and documented them on Historic Property Inventory forms (Attachment 2). Attachment 3 depicts the location and FTA's NRHP eligibility determination for each resource. FTA has determined that 21 of these are eligible for listing in the NRHP. One resource within the APE (WISAARD Property ID 31673) was previously listed in the NRHP and the prior documentation has been updated per request from WA Department of Archaeology and Historic Preservation (DAHP). Attachment 4 is an excel file with FTA's NRHP eligibility determinations for the 233 built environment resources.

Eligibility Determinations
Supported by the information provided in the enclosed Attachment 1 and Attachment 2, FTA's NRHP eligibility determinations are provided in:

- Table 1, above, for archaeological resources.
- Attachment 4, column J, for built environment resources.

Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:35:44 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Laura Murphy, Cultural Resources, Muckleshoot Indian Tribe
Madrienne White, Public and Government Relations Manager, Muckleshoot Indian Tribe
Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Site Forms, April 2024.
Attachment 2 – Historic Property Inventory Forms, May 2024.
Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

U.S. Department of Transportation
Federal Transit Administration

REGION X
Alaska, Idaho, Oregon, Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

The Honorable Willie Frank III
Chairman
Nisqually Indian Tribe
4820 She-Nah-Num Drive SE
Olympia, WA 98513

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Chairman Frank III:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with your Tribe under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County, WA to the Tacoma Dome area in Pierce County, WA.

FTA initiated Section 106 consultation with your Tribe in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with your Tribe, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
Archaeological Site Inventory Forms are enclosed for your review (Attachment 1). Table 1, below, summarizes FTA's eligibility determinations based on the recent cultural resources analysis. Nine newly recorded archaeological resources within the APE have been evaluated for NRHP eligibility; one of these (45PI1555 – not included in Attachment 1) is still being evaluated, thus an eligibility determination is not provided at this time. Two previously recorded archaeological resources within the APE (45PI724 and 45PI743), both without a prior NRHP eligibility determination, have also been evaluated for NRHP eligibility. Project Design is on-

going, and it is unclear at this time which, if any, of the resources in Table 1 are within the area of anticipated ground disturbance.

Table 1. Archaeological Resources – FTA's NRHP Eligibility Determinations

Smithsonian Trinomial	**Eligibility Determination**	**Note**
45KI1583	Not eligible	Newly recorded archaeological resource
45KI1584	Not eligible	Newly recorded archaeological resource
45KI1585	Not eligible	Newly recorded archaeological resource
45KI1586	Eligible: Criterion A	Newly recorded archaeological resource
45KI1587	Not eligible	Newly recorded archaeological resource
45KI1588	Not eligible	Newly recorded archaeological resource
45PI724	Not eligible	Updated archaeological site inventory form
45PI743	Not eligible	Updated archaeological site inventory form
45PI1555	No determination: Needs additional evaluation	Newly recorded archaeological resource; not included in Attachment 1
45PI1556	Not eligible	Newly recorded archaeological resource
45PI1557	Eligible: Criterion D	Newly recorded archaeological resource

Historic Built Environment Resources
Sound Transit and FTA evaluated 233 built environment resources on 223 parcels within the Project APE for NRHP eligibility and documented them on Historic Property Inventory forms (Attachment 2). Attachment 3 depicts the location and FTA's NRHP eligibility determination for each resource. FTA has determined that 21 of these are eligible for listing in the NRHP. One resource within the APE (WISAARD Property ID 31673) was previously listed in the NRHP and the prior documentation has been updated per request from WA Department of Archaeology and Historic Preservation (DAHP). Attachment 4 is an excel file with FTA's NRHP eligibility determinations for the 233 built environment resources.

Eligibility Determinations
Supported by the information provided in the enclosed Attachment 1 and Attachment 2, FTA's NRHP eligibility determinations are provided in:

- Table 1, above, for archaeological resources.
- Attachment 4, column J, for built environment resources.

Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:36:18 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Annette Bullchild, Tribal Historic Preservation Officer, Nisqually Indian Tribe
Brad Beach, Tribal Historic Preservation Officer, Nisqually Indian Tribe
Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
Attachment 2 – Historic Property Inventory Forms, May 2024.
Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

U.S. Department of Transportation
Federal Transit Administration

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915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

The Honorable Gerald Lewis
Chairman
Confederated Tribes and Bands of the Yakama Nation
P.O. Box 151
Toppenish, WA 98948

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Chairman Lewis:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with your Tribe under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County, WA to the Tacoma Dome area in Pierce County, WA.

FTA initiated Section 106 consultation with your Tribe in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with your Tribe, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
Archaeological Site Inventory Forms are enclosed for your review (Attachment 1). Table 1, below, summarizes FTA's eligibility determinations based on the recent cultural resources analysis. Nine newly recorded archaeological resources within the APE have been evaluated for NRHP eligibility; one of these (45PI1555 – not included in Attachment 1) is still being evaluated, thus an eligibility determination is not provided at this time. Two previously recorded archaeological resources within the APE (45PI724 and 45PI743), both without a prior NRHP eligibility determination, have also been evaluated for NRHP eligibility. Project Design is on-

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Table 1. Archaeological Resources – FTA's NRHP Eligibility Determinations

Smithsonian Trinomial	**Eligibility Determination**	**Note**
45KI1583	Not eligible	Newly recorded archaeological resource
45KI1584	Not eligible	Newly recorded archaeological resource
45KI1585	Not eligible	Newly recorded archaeological resource
45KI1586	Eligible: Criterion A	Newly recorded archaeological resource
45KI1587	Not eligible	Newly recorded archaeological resource
45KI1588	Not eligible	Newly recorded archaeological resource
45PI724	Not eligible	Updated archaeological site inventory form
45PI743	Not eligible	Updated archaeological site inventory form
45PI1555	No determination: Needs additional evaluation	Newly recorded archaeological resource; not included in Attachment 1
45PI1556	Not eligible	Newly recorded archaeological resource
45PI1557	Eligible: Criterion D	Newly recorded archaeological resource

Historic Built Environment Resources
Sound Transit and FTA evaluated 233 built environment resources on 223 parcels within the Project APE for NRHP eligibility and documented them on Historic Property Inventory forms (Attachment 2). Attachment 3 depicts the location and FTA's NRHP eligibility determination for each resource. FTA has determined that 21 of these are eligible for listing in the NRHP. One resource within the APE (WISAARD Property ID 31673) was previously listed in the NRHP and the prior documentation has been updated per request from WA Department of Archaeology and Historic Preservation (DAHP). Attachment 4 is an excel file with FTA's NRHP eligibility determinations for the 233 built environment resources.

Eligibility Determinations
Supported by the information provided in the enclosed Attachment 1 and Attachment 2, FTA's NRHP eligibility determinations are provided in:

- Table 1, above, for archaeological resources.
- Attachment 4, column J, for built environment resources.

Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:38:41 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Rose Ferri, Tribal Historic Preservation Officer (Interim), Confederated Tribes and Bands of the Yakama Nation
Casey Barney, Interim Program Manager, Confederated Tribes and Bands of the Yakama Nation
Jessica Lally, Cultural Resources Program Archaeologist, Confederated Tribes and Bands of the Yakama Nation
Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
Attachment 2 – Historic Property Inventory Forms, May 2024.
Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

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915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

Allyson Brooks, Ph.D.
State Historic Preservation Officer
Washington Department of Archaeology and Historic Preservation
P.O. Box 48343
Olympia, WA 98504

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Dr. Brooks:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the Washington State Historic Preservation Officer (SHPO) under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County to the Tacoma Dome area in Pierce County.

FTA initiated Section 106 consultation with your office in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with your office, FTA defined a revised Area of Potential Effects (APE). Your office agreed with the APE revisions on April 20, 2023. Since that time, the Project has continued cultural resources analysis within the APE. This letter requests SHPO concurrence with FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
Archaeological Site Inventory Forms are enclosed for your review (Attachment 1). Table 1, below, summarizes FTA's eligibility determinations based on the recent cultural resources analysis. Nine newly recorded archaeological resources within the APE have been evaluated for NRHP eligibility; one of these (45PI1555 – not included in Attachment 1) is still being evaluated, thus an eligibility determination is not provided at this time. Two previously recorded

archaeological resources within the APE (45PI724 and 45PI743), both without a prior NRHP eligibility determination, have also been evaluated for NRHP eligibility. Project Design is on-going, and it is unclear at this time which, if any, of the resources in Table 1 are within the area of anticipated ground disturbance.

Table 1. Archaeological Resources – FTA's NRHP Eligibility Determinations

Smithsonian Trinomial	**Eligibility Determination**	**Note**
45KI1583	Not eligible	Newly recorded archaeological resource
45KI1584	Not eligible	Newly recorded archaeological resource
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45KI1586	Eligible: Criterion A	Newly recorded archaeological resource
45KI1587	Not eligible	Newly recorded archaeological resource
45KI1588	Not eligible	Newly recorded archaeological resource
45PI724	Not eligible	Updated archaeological site inventory form
45PI743	Not eligible	Updated archaeological site inventory form
45PI1555	No determination: Needs additional evaluation	Newly recorded archaeological resource; not included in Attachment 1
45PI1556	Not eligible	Newly recorded archaeological resource
45PI1557	Eligible: Criterion D	Newly recorded archaeological resource

Historic Built Environment Resources
Sound Transit and FTA evaluated 233 built environment resources on 223 parcels within the Project APE for NRHP eligibility and documented them on Historic Property Inventory forms (Attachment 2). Attachment 3 depicts the location and FTA's NRHP eligibility determination for each resource. FTA has determined that 21 of these are eligible for listing in the NRHP. One resource within the APE (WISAARD Property ID 31673) was previously listed in the NRHP and the prior documentation has been updated per SHPO request. Attachment 4a is an excel file with FTA's NRHP eligibility determinations for the 233 built environment resources and Attachment 4b is a history of informal NRHP preliminary eligibility review with SHPO staff.

Eligibility Determinations
Supported by the information provided in the enclosed Attachment 1 and Attachment 2, FTA's NRHP eligibility determinations are provided in:

- Table 1, above, for archaeological resources.
- Attachment 4a, column J, for built environment resources.

Pursuant to 36 CFR part 800, FTA is seeking SHPO concurrence with these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:40:42 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
Attachment 2 – Historic Property Inventory Forms, May 2024.
Attachment 3 – NRHP Eligibility Map Set.
Attachment 4a – NRHP Eligibility Determinations (Built Environment).
Attachment 4b – Informal Review NRHP Preliminary Eligibility Tracking.

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915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

Steve Friddle
Community Development Director
City of Fife
5411 23rd Street East
Fife, WA 98424

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Community Development Director Friddle:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the City of Fife under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County to the Tacoma Dome area in Pierce County.

FTA initiated Section 106 consultation with the City of Fife in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with the City of Fife, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
Archaeological Site Inventory Forms are enclosed for your review (Attachment 1). Table 1, below, summarizes FTA's eligibility determinations based on the recent cultural resources analysis. Nine newly recorded archaeological resources within the APE have been evaluated for NRHP eligibility; one of these (45PI1555 – not included in Attachment 1) is still being evaluated, thus an eligibility determination is not provided at this time. Two previously recorded archaeological resources within the APE (45PI724 and 45PI743), both without a prior NRHP eligibility determination, have also been evaluated for NRHP eligibility. Project Design is on-

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- Table 1, above, for archaeological resources.
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Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

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SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:35:06 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
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Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

U.S. Department of Transportation
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915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

Reuben McKnight
Historic Preservation Officer
City of Tacoma
Planning and Development Services
747 Market Street, Third Floor
Tacoma, WA 98401

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Historic Preservation Officer McKnight:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the City of Tacoma under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County to the Tacoma Dome area in Pierce County.

FTA initiated Section 106 consultation with the City of Tacoma in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with the City of Tacoma, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

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Historic Built Environment Resources
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Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:38:01 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
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Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
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Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

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915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

Ryan Medlen
Planner
Pierce County
Landmarks and Historic Preservation
930 Tacoma Avenue South
Tacoma, WA 98402

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Planner Medlen:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with Pierce County under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County to the Tacoma Dome area in Pierce County.

FTA initiated Section 106 consultation with Pierce County in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with Pierce County, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

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Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:36:53 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
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Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
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Attachment 4 – NRHP Eligibility Determinations (Built Environment).

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915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

May 29, 2024

Chris Moore
Executive Director
Washington Trust for Historic Preservation
1204 Minor Avenue
Seattle, WA 98101

Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Eligibility Determinations
SHPO Project Tracking Code 2018-02-01251

Dear Executive Director Moore:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation with the Washington Trust for Historic Preservation under Section 106 of the National Historic Preservation Act (Section 106), and its implementing regulations at 36 CFR part 800, for the Tacoma Dome Link Extension Project (Project). The Project would extend light rail service from the Federal Way Downtown Station in King County to the Tacoma Dome area in Pierce County.

FTA initiated Section 106 consultation with the Washington Trust for Historic Preservation in correspondence dated April 5, 2019. Most recently, on April 11, 2023, in consultation with the Washington Trust for Historic Preservation, FTA defined a revised Area of Potential Effects (APE). Since that time, the Project has continued cultural resources analysis within the APE. This letter requests comments on FTA's National Register of Historic Places (NRHP) eligibility determinations based on that analysis.

Archaeological Resources
Archaeological Site Inventory Forms are enclosed for your review (Attachment 1). Table 1, below, summarizes FTA's eligibility determinations based on the recent cultural resources analysis. Nine newly recorded archaeological resources within the APE have been evaluated for NRHP eligibility; one of these (45PI1555 – not included in Attachment 1) is still being evaluated, thus an eligibility determination is not provided at this time. Two previously recorded

archaeological resources within the APE (45PI724 and 45PI743), both without a prior NRHP eligibility determination, have also been evaluated for NRHP eligibility. Project Design is on-going, and it is unclear at this time which, if any, of the resources in Table 1 are within the area of anticipated ground disturbance.

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Smithsonian Trinomial	**Eligibility Determination**	**Note**
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45PI1555	No determination: Needs additional evaluation	Newly recorded archaeological resource; not included in Attachment 1
45PI1556	Not eligible	Newly recorded archaeological resource
45PI1557	Eligible: Criterion D	Newly recorded archaeological resource

Historic Built Environment Resources
Sound Transit and FTA evaluated 233 built environment resources on 223 parcels within the Project APE for NRHP eligibility and documented them on Historic Property Inventory forms (Attachment 2). Attachment 3 depicts the location and FTA's NRHP eligibility determination for each resource. FTA has determined that 21 of these are eligible for listing in the NRHP. One resource within the APE (WISAARD Property ID 31673) was previously listed in the NRHP and the prior documentation has been updated per request from WA Department of Archaeology and Historic Preservation (DAHP). Attachment 4 is an excel file with FTA's NRHP eligibility determinations for the 233 built environment resources.

Eligibility Determinations
Supported by the information provided in the enclosed Attachment 1 and Attachment 2, FTA's NRHP eligibility determinations are provided in:

- Table 1, above, for archaeological resources.
- Attachment 4, column J, for built environment resources.

Pursuant to 36 CFR part 800, FTA respectfully requests comments on these determinations within 30 days of receipt of this letter. If FTA can provide any assistance or additional information which would aid in your prompt reply, please contact Justin Zweifel at justin.zweifel@dot.gov.

Sincerely,

SUSAN KAY FLETCHER Digitally signed by SUSAN KAY FLETCHER Date: 2024.05.29 13:39:38 -07'00'

Susan Fletcher, P.E.
Regional Administrator

cc: Huy Pham, Preservation Programs Director, Washington Trust for Historic Preservation
Dennis Wardlaw, Transportation Archaeologist, DAHP
Maureen Elenga, Architectural Historian – Transportation Project Reviewer, DAHP
Dezerae Hayes, Director of Tribal Relations, Sound Transit
Alex Stevenson, Manager – Cultural Resources, Sound Transit
Jennifer Schreck, Senior Cultural Resource Specialist, Sound Transit
Erin Green, Environmental Manager – South Corridor, Sound Transit
Elma Borbe, Environmental Planner, Sound Transit

Enclosures: Attachment 1 – Archaeological Resource Forms, April 2024.
Attachment 2 – Historic Property Inventory Forms, May 2024.
Attachment 3 – NRHP Eligibility Map Set.
Attachment 4 – NRHP Eligibility Determinations (Built Environment).

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

June 26, 2024

Susan Fletcher
Regional Administrator
Federal Transit Administration
915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA98174-1002

In future correspondence please refer to:
Project Tracking Code: 2018-02-01251
Property: Tacoma Dome Link Extension
Re: Eligibility Determinations

Dear Susan Fletcher:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced proposal. This action has been reviewed on behalf of the State Historic Preservation Officer (SHPO) under provisions of Section 106 of the National Historic Preservation Act of 1966 (as amended) and 36 CFR Part 800. Our review is based upon documentation contained in your communication.

Built Environment

We concur that the following properties are eligible for listing in the National Register of Historic Places (NRHP):

• Property ID: 31927 Residence 1309 62nd Ave E, Fife, WA, 98424
• Property ID: 29547 Pick-Quick Drive In 4306 Pacific Hwy E, Fife, WA, 98424
• Property ID: 537584 Gethsemane Catholic Cemetery 37600 Pacific Highway S, Federal Way, WA 98003
• Property ID: 536748 Commercial Building 102 S 26th St, Tacoma, WA, 98402
• Property ID: 536754 Brown and Haley Candy Company 110 E 26th St, Tacoma, WA, 98421
• Property ID: 722335 Almond Roca retail outlet 102 E 26th St, Tacoma, WA, 98421
• Property ID: 721797 Residence 1112 E 26th St, Tacoma, WA, 98421
• Property ID: 516320 Residence 1106 E 26th St, Tacoma, WA, 98421
• Property ID: 530921 Agricultural Mill 1102 Puyallup Ave, Tacoma, WA, 98421*(missing from spreadsheet)*
• Property ID: 32815 Burlington Northern Office and Freight Warehouse 605 Puyallup Ave, Tacoma, WA 98421
• Property ID: 536705 Residence 1320 E 26th St, Tacoma, WA, 98421
• Property ID: 722117 Puyallup River Levees
• Property ID: 31673 Engine House No. 4 – Tacoma 220-224 East 26th Street, Tacoma, WA
• Property ID: 31674 Swift and Company 101 E 26th St, Tacoma, WA, 98421

• Property ID: 725425 Gethsemane Catholic Cemetery Mortuary and Mausoleums 37600 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731901 Daffodil Motel 7909 Pacific Hwy E, Milton, WA, 98354
• Property ID: 731933 Tveten Motor Company 7700 Pacific Hwy E, Milton, WA, 98354
• Property ID: 731955 Denny's Restaurant 34726 16th Ave S, Federal Way, WA, 98003
• Property ID: 731992 Spring Valley Trout Farm; Spring Valley School, Classrooms 1, 2, and 3 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731994 Spring Valley Trout Farm; Spring Valley School, Classroom 4 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731995 Spring Valley Trout Farm; Spring Valley School, Classroom 5 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731996 Spring Valley Trout Farm; Spring Valley School, Classrooms 6 and 7 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731998 Spring Valley Trout Farm; Spring Valley School, Classrooms 8 and 9 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731999 Spring Valley Trout Farm; Spring Valley School, Residence36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 732000 Spring Valley Trout Farm; Spring Valley School - Salmon Rearing Building 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 732001 Spring Valley Trout Farm; Spring Valley School, Conference Room/Natatorium 36605 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 395115 Carstens Packing Company; Badgley residence 36606 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 395874 Dahlen Residence 36903 Pacific Hwy S, Federal Way, WA, 98003
• Property ID: 731975 Brooklake Community Center726 S 356th St, Federal Way, WA, 98003
• Property ID: 396993 Residence 36530 Pacific Hwy S, Federal Way, WA, 98003

See attached spreadsheet for confirmation of concurrence on all other properties recommended not eligible.

Archaeology

We concur that the following Site are not eligible for inclusion in the NRHP:

- 45KI1583
- 45KI1584
- 45KI1585
- 45KI1587
- 45KI1588
- 45PI724
- 45PI743
- 45PI1556

We concur that Site 45KI1586 is eligible for inclusion in the NRHP under Criteria A. We also concur that Site 45PI1557 is eligible for inclusion in the NRHP under Criteria D. Finally, we acknowledge that the evaluation of Site 45PI1555 is ongoing and look forward to reviewing this site record in addition to the built environment and archaeology inventory reports.

We appreciate receiving copies of any correspondence or comments from concerned tribes and other parties that you receive as you consult under the requirements of 36 CFR 800.4(a)(4). Should additional information become available, our assessment may be revised.

Thank you for the opportunity to review and comment. If you have any questions, please feel free to contact me.

Sincerely,

Maureen Elenga, M.A.
Transportation Reviewer
(360) 972-4539
Maureen.Elenga@dahp.wa.gov

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

September 5, 2024

Allyson Brooks, Ph.D.
State Historic Preservation Officers
Washington State Department of Archaeology and Historic Preservation
PO Box 48343
Olympia, Washington 98504-8343

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination
SHPO Project Tracking Code: 2018-02-01251**

Dear Dr. Brooks:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation under Section 106 of the National Historic Preservation Act and its implementing regulations at 36 Code of Federal Regulation (CFR) Part 800, for the Tacoma Dome Link Extension (TDLE) Project (Project). As you may recall, the project will extend light rail service from Federal Way to Tacoma, Washington. The project will construct a 10-mile (approximately) guideway from the terminus of the Federal Way Link Extension (anticipated opening 2025-2026) at the Federal Way Downtown Station, to the Tacoma Dome Station area and include new stations with parking in South Federal Way, Fife and Tacoma. In addition, a new rail-only fixed-span bridge will be constructed at the Puyallup River crossing. A Draft Environmental Impact Statement is being developed for the project and includes the Historic and Archaeological Technical Report (see Attachment 1) with a summary of archaeological and historic resources identified and evaluated for listing to the National Register of Historic Places (NRHP) within the project area of potential effect (APE). FTA requests concurrence from the Washington State Historic Preservation Officer (SHPO) with the Section 106 Determination of Effect for the project.

Cultural Resources Evaluation

In March 2020, FTA, in coordination with Sound Transit and in consultation with DAHP, consulting Tribes and other consulting parties defined APE for the project. The APE was

subsequently revised in November 2020 and April 2023 as the project was further refined (Attachment 2- Figures 1- 4). A cultural resources survey was performed, including a review of available digital and archival records and online resources such as geologic mapping, the Washington Information System for Architectural and Archaeological Resources Data (WISAARD), the Washington Statewide Archaeology Predictive Model, ethnographic place names and village locations, historical-based archival records, Sanborn Maps, and previous cultural resources studies to assess the potential to encounter cultural resources within the project area, determine archaeological survey locations, and identify geoarchaeological testing areas. Results of the cultural resources investigations, including background research identified 26- archaeological sites and 233- historic structures within the APE. In May 2023, FTA consulted on eligibility determinations for 25 archaeological sites and 27 built-environment resources located within the footprint of the build alternatives (SHPO concurred June 2023). Since then, FTA has determined two NRHP eligible properties, archaeological site 45PI1557 and the historic residential structure at 1309 62nd Ave East in Fife will be adversely impacted by the project.

Archaeological Resources

Archaeological site, 45PI1557 was encountered during geoarchaeological investigations of the project APE along the Tacoma Segment (see Attachment 2- Figure 5), approximately 25-feet below the ground surface. Site 45PI1557 is eligible for listing to the NRHP per Criterion D (FTA 2023) and will be adversely impacted by all build alternatives, including the preferred alternative, Tacoma 25th Street--West, for the project.

Historic Built Environment Resources

The historic residential property at 1309 62nd Avenue East in Fife (see Attachment 2- Figure 6) is eligible for listing to the NRHP per Criterion A, B and C (FTA 2023). The property will be adversely impacted (demolished) by the project, under all build alternatives.

Determination of Effect and Request for Concurrence

Based on results of the cultural resources analysis and evaluation of historic built environment and archaeological resources identified within the project APE (see Attachment 1), FTA has made the following determinations:

- The project will result in **adverse effects** to two NRHP eligible properties
  - Archaeological site 45PI1557
  - Historic-era residential structure at 1309 62nd Avenue East.
- As such, the project will have an **Adverse Effect to Historic Properties**.

These determinations are based on the project as currently designed. However, the APE is located within a high probability area for archaeological resources based on proximity to known ethnographic locations, documented sites, and historic landforms (see Attachment 1). FTA, in coordination with Sound Transit will continue to identify and evaluate impacts to cultural resources as the project advances through design.

To resolve known adverse effects to historic properties, a Programmatic Agreement (PA) will be developed for the project in consultation with SHPO, Tribes and other consulting parties. The draft PA will be published with the Draft Environmental Impact Statement (EIS) to seek public comment on the agreement document, as required per 36 CFR Part 800. In addition,

the ACHP will be notified of the adverse effects determination and intent to develop a Programmatic Agreement for the project with an invitation to consult. This agreement will continue to be refined through ongoing consultation as the project moves forward to the Final EIS.

Pursuant to 36 CFR Part 800, FTA is seeking SHPO concurrence with the finding of effect for the project within 30 days of receipt of this letter. If FTA can provide any assistance or additional information to aid in your prompt reply, please contact Erin Littauer at (206) 220-7521 or erin.littauer@dot.gov.

Thank you for your consultation on the project.

Sincerely,

Susan K. Fletcher
Regional Administrator

Cc: Dennis Wardlaw, DAHP
Maureen Elenga, DAHP
Dezerae Hayes, Sound Transit
Alex Stevenson, Sound Transit
Erin Green, Sound Transit
Jennifer Shrek, Sound Transit
Elma Borbe, Sound Transit

Enclosures: Attachment 1- Historic and Archaeological Resources Technical Report
Attachment 2- Area of Potential Effects (Figures 1- 4) and NRHP Eligibility Maps (Figures 5- 6)

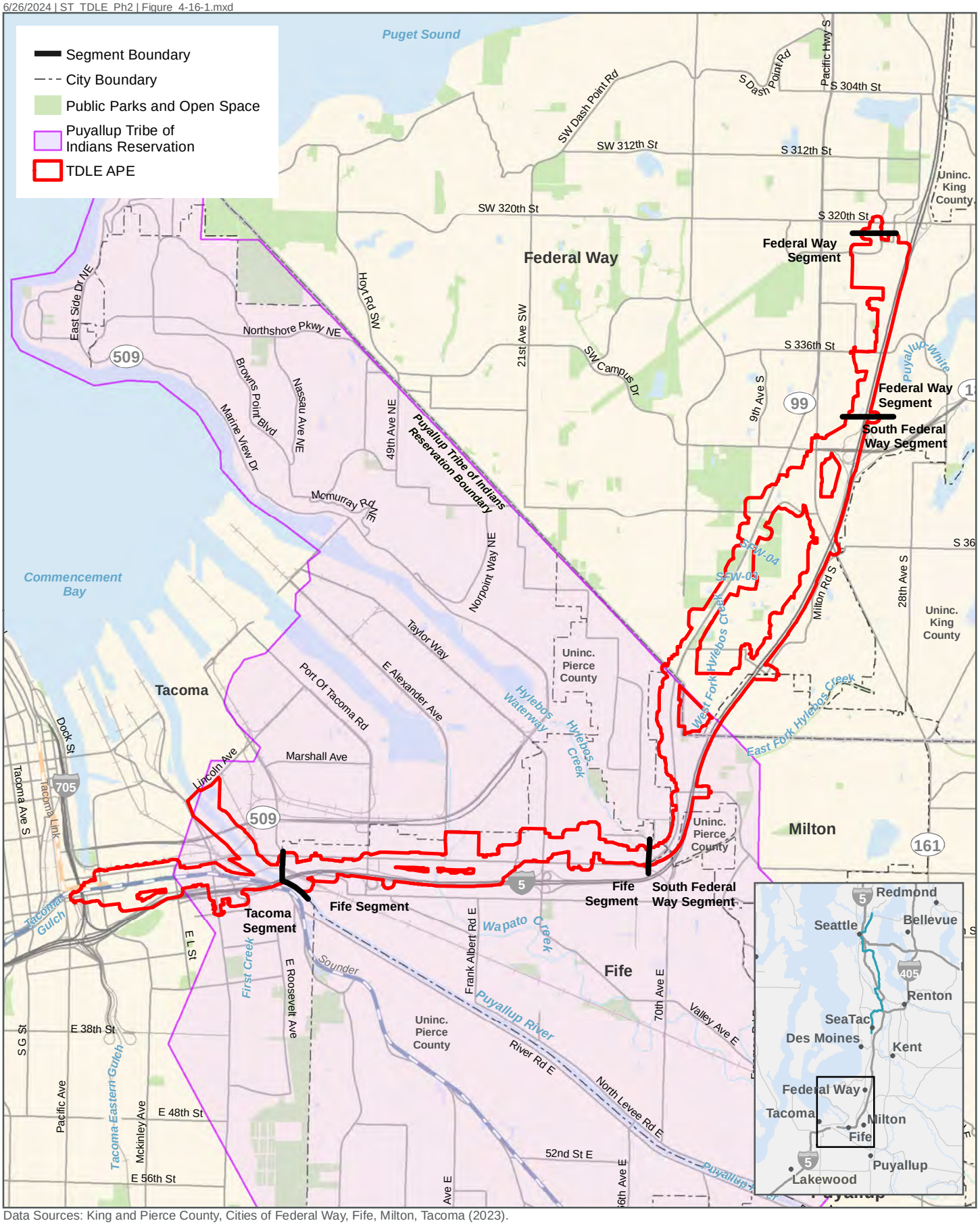

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 1

Tacoma Dome Link Extension
Area of Potential Effect (APE)

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

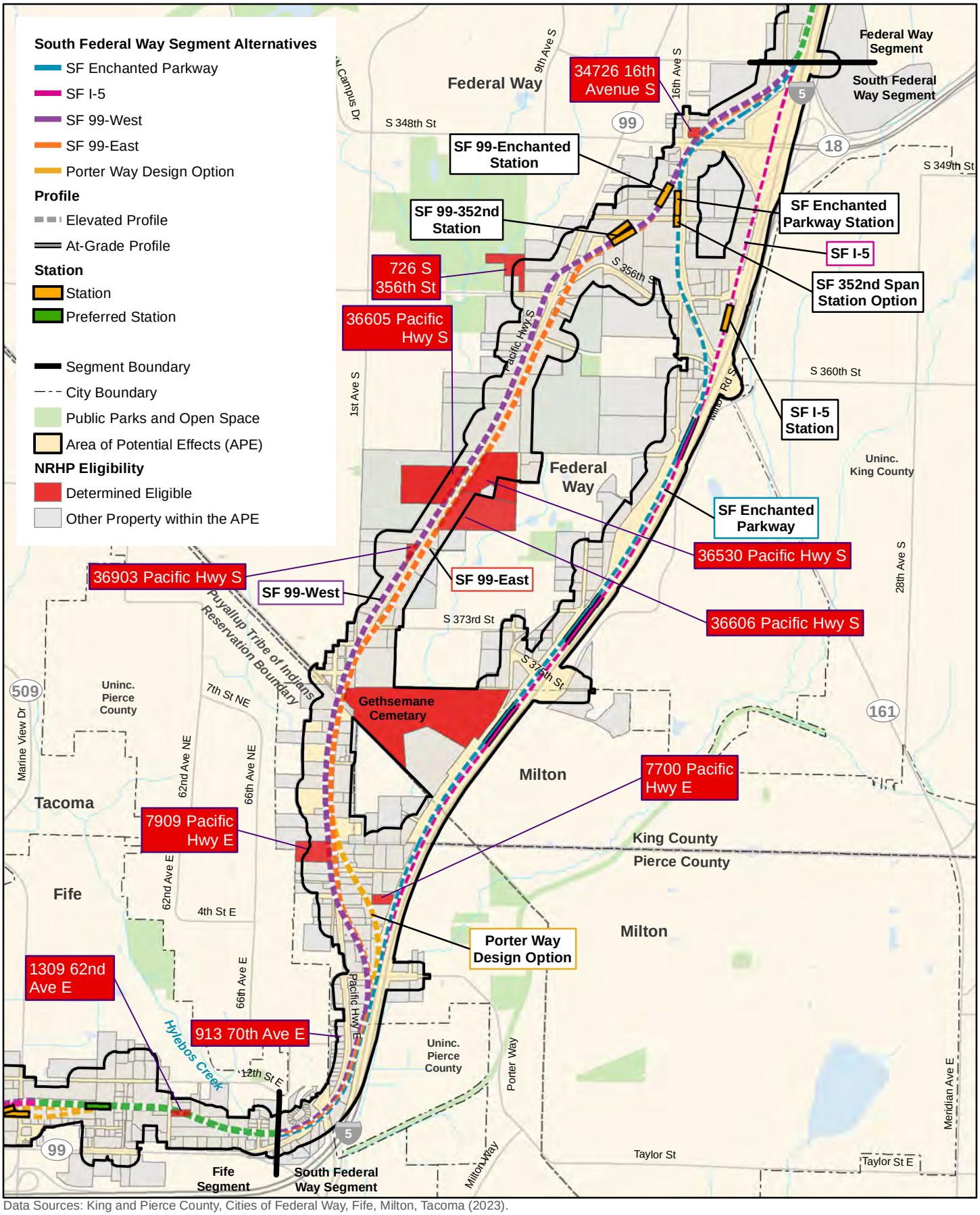

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 2
Built-Environment Resources
in the South Federal Way Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

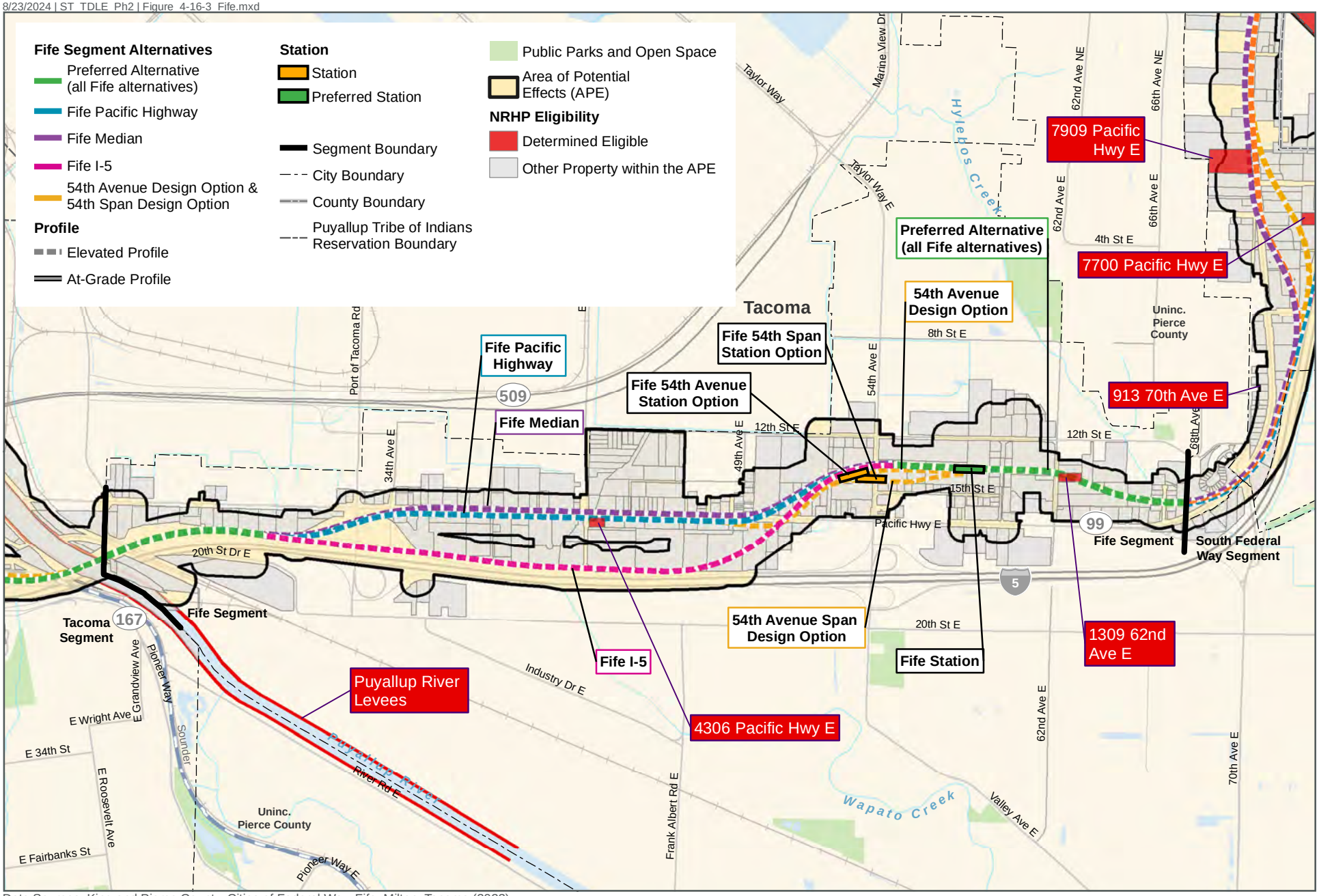

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 3
Built-Environment Resources in the Fife Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

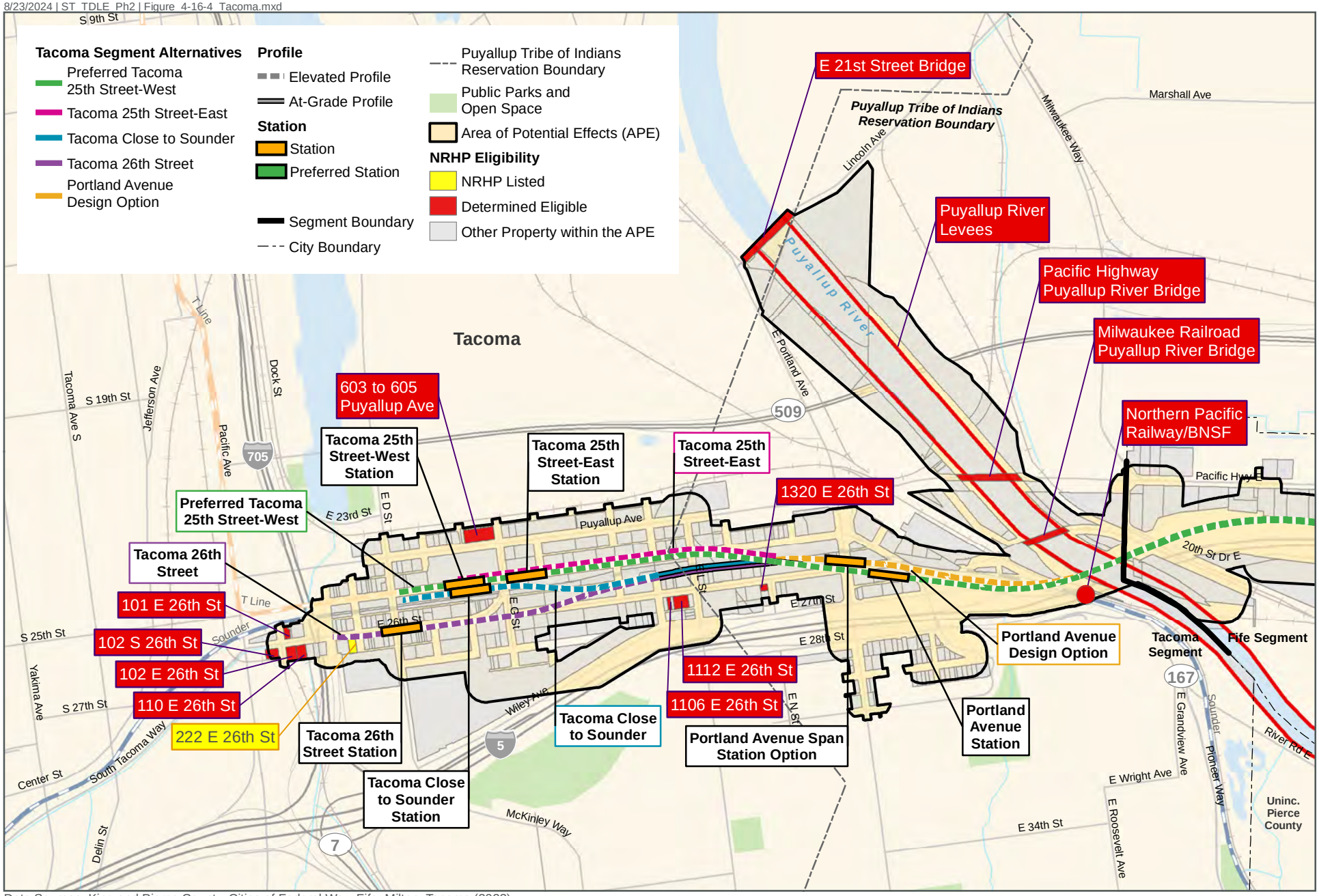

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4
Built-Environment Resources in the Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

8/1/2024 | ST_TDLE_Ph2 | Fife_Median.mxd

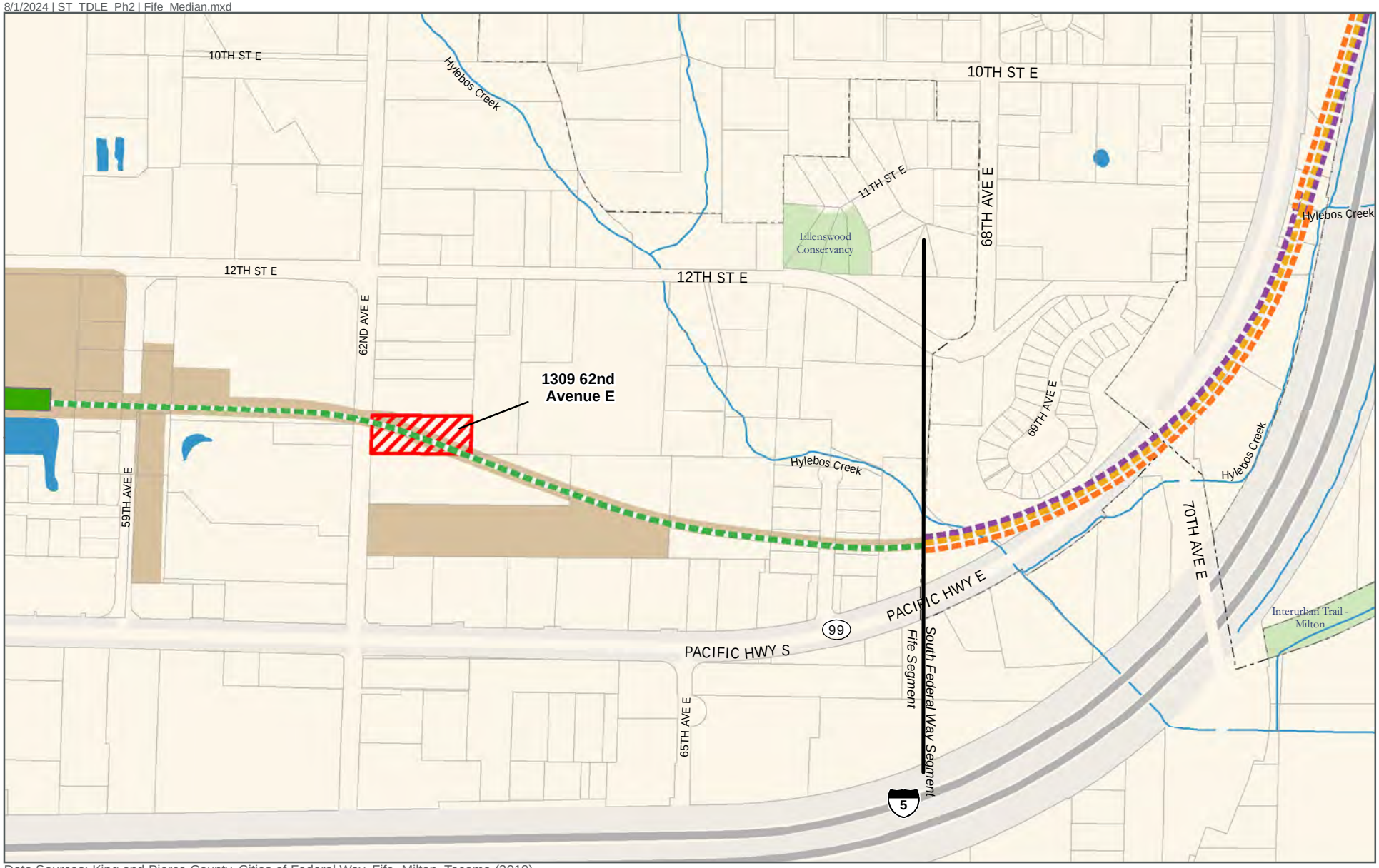

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- All Fife Alternatives

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- NRHP Eligible Property
- Parcel
- Permanent Footprint

Figure 5
Adversely Affected Historic Properties
1309 62nd Avenue E
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Preferred Tacoma 25th Street - West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Parcel
- Permanent Footprint

Figure 6

Adversely Affected Historic Properties
45PI1557
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

September 5, 2024

Bill Sterud
Chairman
Puyallup Tribe of Indians
3009 Portland Ave
Tacoma WA 98404

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Chairman Sterud:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation under Section 106 of the National Historic Preservation Act and its implementing regulations at 36 Code of Federal Regulation (CFR) Part 800, for the Tacoma Dome Link Extension (TDLE) Project (Project). As you may recall, the project will extend light rail service from Federal Way to Tacoma, Washington. The project will construct a 10-mile (approximately) guideway from the terminus of the Federal Way Link Extension (anticipated opening 2025-2026) at the Federal Way Downtown Station, to the Tacoma Dome Station area and include new stations with parking in South Federal Way, Fife and Tacoma. In addition, a new rail-only fixed-span bridge will be constructed at the Puyallup River crossing. A Draft Environmental Impact Statement is being developed for the project and includes the Historic and Archaeological Technical Report (see Attachment 1) with a summary of archaeological and historic resources identified and evaluated for listing to the National Register of Historic Places (NRHP) within the project area of potential effect (APE). FTA requests concurrence with the Section 106 Determination of Effect for the project.

Cultural Resources Evaluation

In March 2020, FTA, in coordination with Sound Transit and in consultation with DAHP, consulting Tribes and other consulting parties defined the APE for the project. The APE was subsequently revised in November 2020 and April 2023 as the project was further refined

(Attachment 2- Figures 1- 4). A cultural resources survey was performed, including a review of available digital and archival records and online resources such as geologic mapping, the Washington Information System for Architectural and Archaeological Resources Data (WISAARD), the Washington Statewide Archaeology Predictive Model, ethnographic place names and village locations, historical-based archival records, Sanborn Maps, and previous cultural resources studies to assess the potential to encounter cultural resources within the project area, determine archaeological survey locations, and identify geoarchaeological testing areas. Results of the cultural resources investigations, including background research identified 26-archaeological sites and 233 historic structures within the APE. In May 2023, FTA consulted on eligibility determinations for 25 archaeological sites and 27 built-environment resources located within the footprint of the build alternatives (SHPO concurred June 2023). Since then, FTA has determined two NRHP eligible properties, archaeological site 45PI1557 and the historic residential structure at 1309 62nd Ave East in Fife will be adversely impacted by the project.

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Historic Built Environment Resources

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Determination of Effect and Request for Concurrence

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  - Archaeological site 45PI1557
  - Historic-era residential structure at 1309 62nd Avenue East.
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Programmatic Agreement for the project with an invitation to consult. This agreement will continue to be refined through ongoing consultation as the project moves forward to the Final EIS.

Pursuant to 36 CFR Part 800, FTA is seeking concurrence with the finding of effect for the project within 30 days of receipt of this letter. If FTA can provide any assistance or additional information to aid in your prompt reply, please contact Erin Littauer at (206) 220-7521 or erin.littauer@dot.gov.

Thank you for your consultation on the project.

Sincerely,

Susan K. Fletcher
Regional Administrator

Cc: Brandon Reynon, Puyallup Tribe
Michael Shong, Puyallup Tribe
Russ Ladley, Puyallup Tribe
Jennifer Keating, Puyallup Tribe
Dennis Wardlaw, DAHP
Maureen Elenga, DAHP
Dezerae Hayes, Sound Transit
Alex Stevenson, Sound Transit
Erin Green, Sound Transit
Jennifer Shrek, Sound Transit
Elma Borbe, Sound Transit

Enclosures: Attachment 1- Historic and Archaeological Resources Technical Report
Attachment 2- Area of Potential Effects (Figures 1- 4) and NRHP Eligibility Maps (Figures 5- 6)

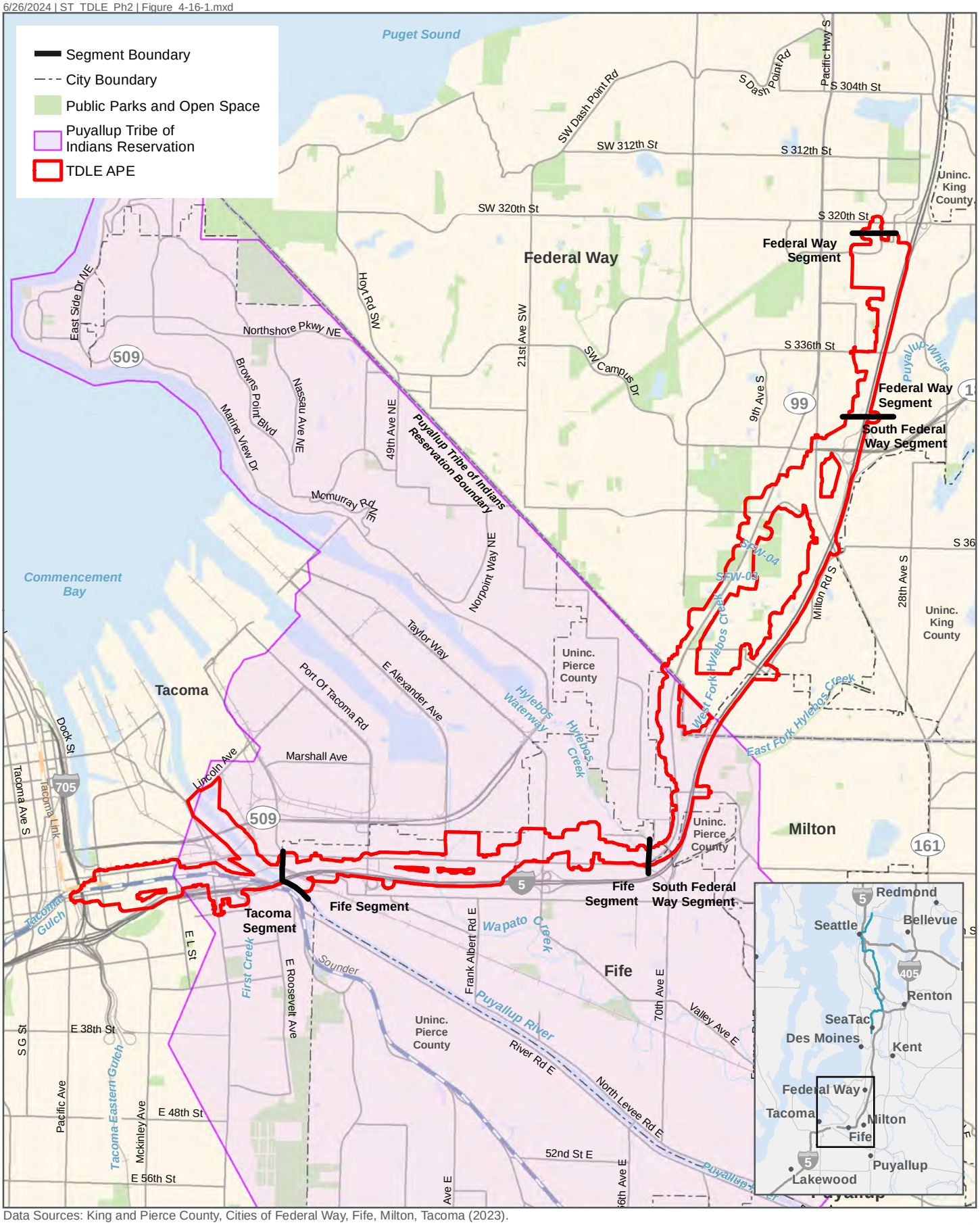

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

FIGURE 1

Tacoma Dome Link Extension
Area of Potential Effect (APE)

Tacoma Dome Link Extension

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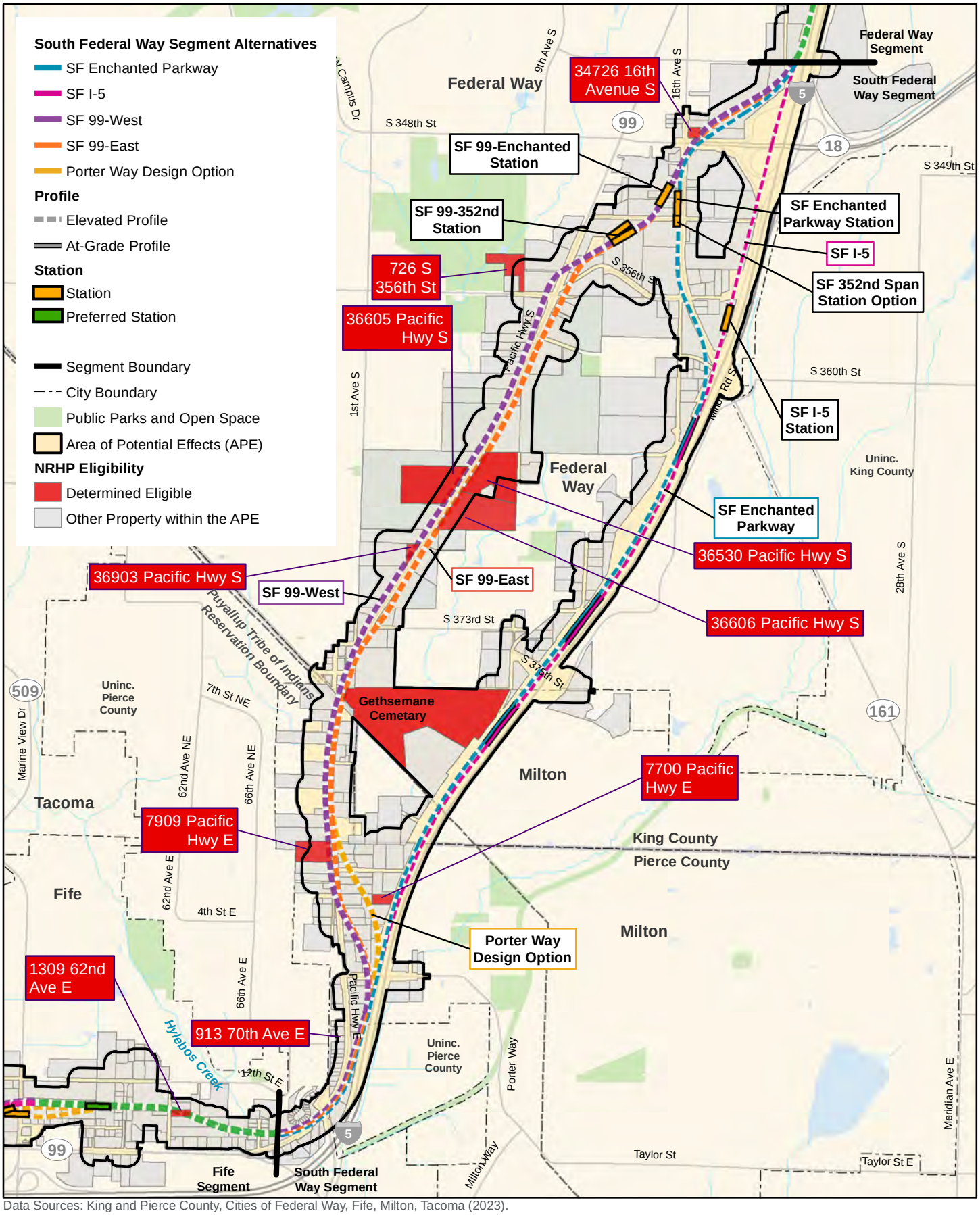

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 2
Built-Environment Resources
in the South Federal Way Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

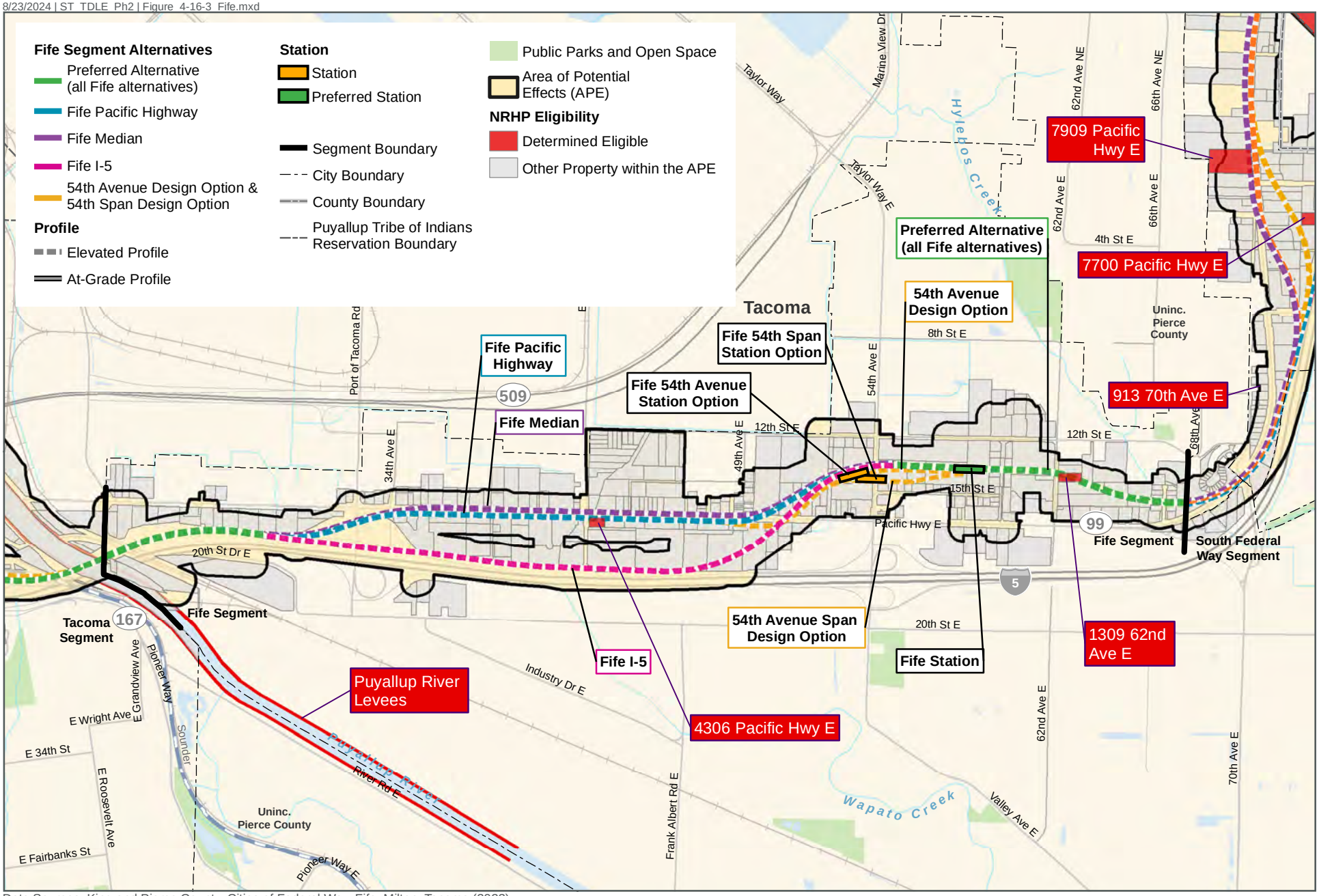

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 3
Built-Environment Resources in the Fife Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

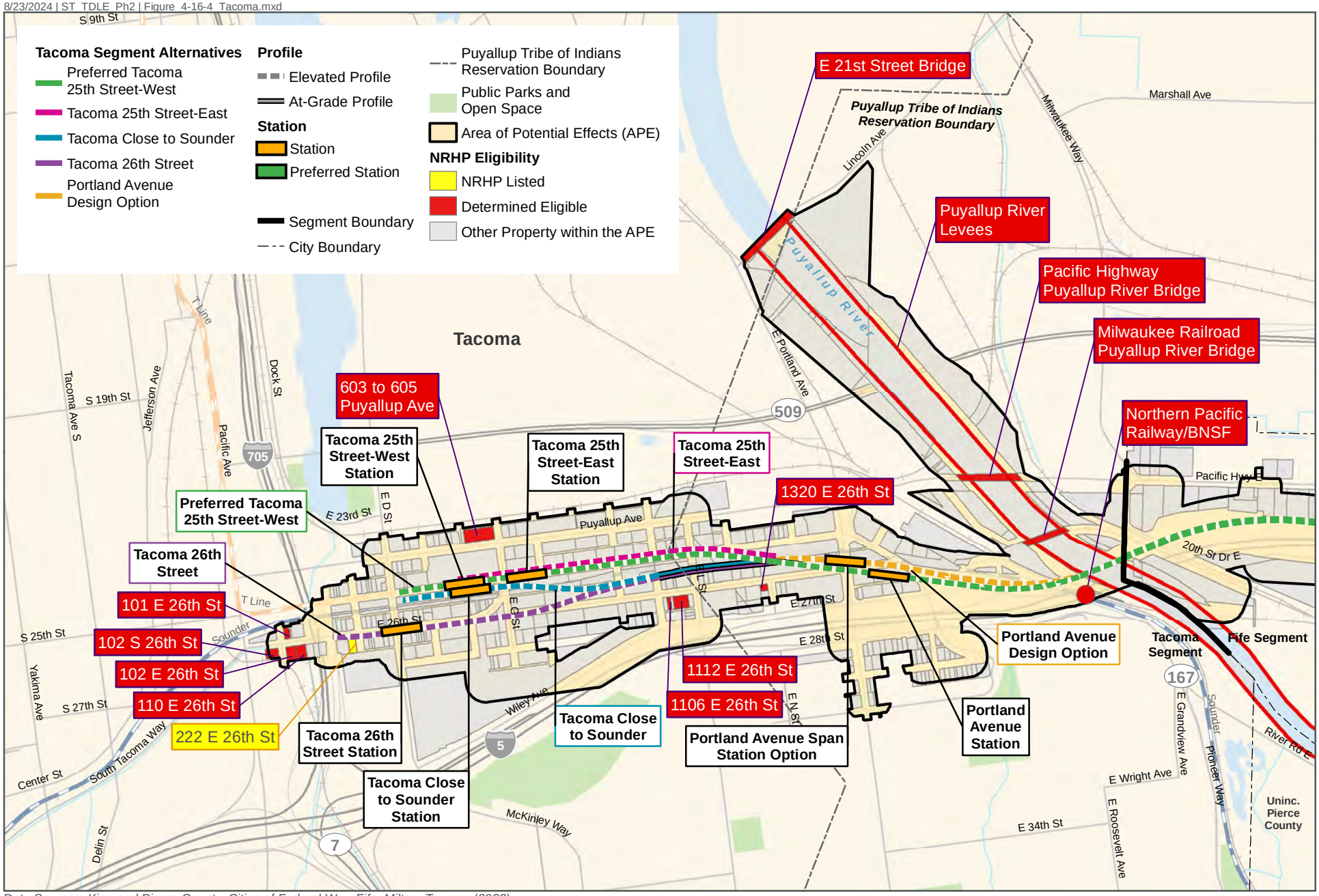

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 0.5 1 Mile

FIGURE 4
Built-Environment Resources in the Tacoma Segment

Tacoma Dome Link Extension

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

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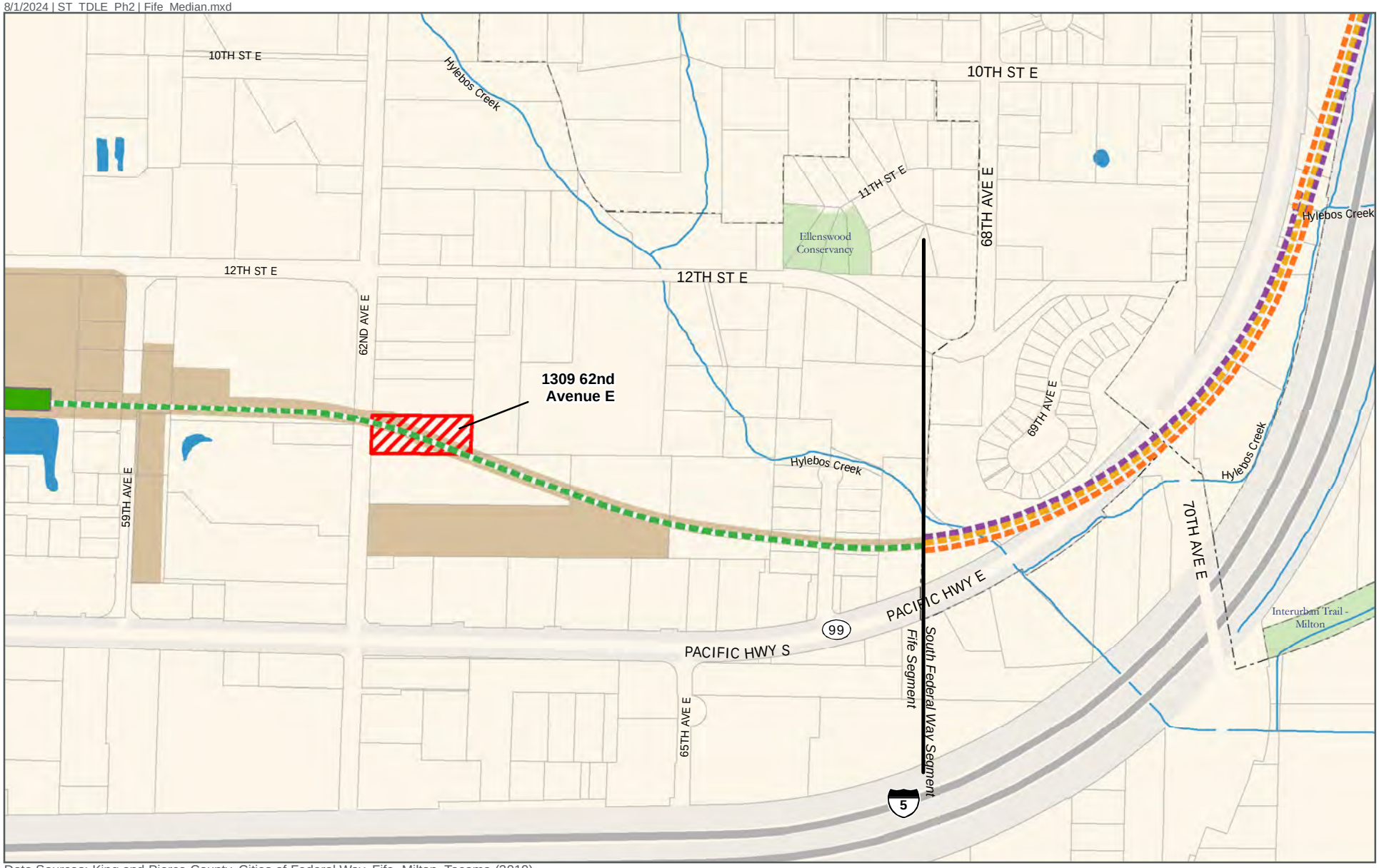

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives
- All Fife Alternatives

Alternative Profile
- At-Grade
- Elevated

Station
- New

- Stream
- Park
- NRHP Eligible Property
- Parcel
- Permanent Footprint

Figure 5
Adversely Affected Historic Properties
1309 62nd Avenue E
Fife Segment
Tacoma Dome Link Extension

0 250 500 Feet N

DRAFT: For internal discussion only. Not reviewed or approved on behalf of any party.

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

Alternatives

- Preferred Tacoma 25th Street - West

Alternative Profile

- At-Grade
- Elevated

Station

- New

- Stream
- Park
- Parcel
- Permanent Footprint

Figure 6

Adversely Affected Historic Properties
45PI1557
Tacoma Segment

Tacoma Dome Link Extension

0 250 500 Feet N

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U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

September 5, 2024

Jaison Elkins
Chairman
Muckleshoot Indian Tribe
39015 172nd Avenue SE
Auburn WA 98092

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Chairman Elkins:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation under Section 106 of the National Historic Preservation Act and its implementing regulations at 36 Code of Federal Regulation (CFR) Part 800, for the Tacoma Dome Link Extension (TDLE) Project (Project). As you may recall, the project will extend light rail service from Federal Way to Tacoma, Washington. The project will construct a 10-mile (approximately) guideway from the terminus of the Federal Way Link Extension (anticipated opening 2025-2026) at the Federal Way Downtown Station, to the Tacoma Dome Station area and include new stations with parking in South Federal Way, Fife and Tacoma. In addition, a new rail-only fixed-span bridge will be constructed at the Puyallup River crossing. A Draft Environmental Impact Statement is being developed for the project and includes the Historic and Archaeological Technical Report (see Attachment 1) with a summary of archaeological and historic resources identified and evaluated for listing to the National Register of Historic Places (NRHP) within the project area of potential effect (APE). FTA requests concurrence with the Section 106 Determination of Effect for the project.

Cultural Resources Evaluation

In March 2020, FTA, in coordination with Sound Transit and in consultation with DAHP, consulting Tribes and other consulting parties defined the APE for the project. The APE was subsequently revised in November 2020 and April 2023 as the project was further refined

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Determination of Effect and Request for Concurrence

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Thank you for your consultation on the project.

Sincerely,

Susan K. Fletcher
Regional Administrator

Cc: Warren KingGeorge, Muckleshoot Tribe
Laura Murphy, Muckleshoot Tribe
Dennis Wardlaw, DAHP
Maureen Elenga, DAHP
Dezerae Hayes, Sound Transit
Alex Stevenson, Sound Transit
Erin Green, Sound Transit
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U.S. Department
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Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

September 5, 2024

Willie Frank III
Chairman
Nisqually Tribe
4820 She-Nah-Num Drive SE
Olympia WA 98513

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Chairman Frank III:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation under Section 106 of the National Historic Preservation Act and its implementing regulations at 36 Code of Federal Regulation (CFR) Part 800, for the Tacoma Dome Link Extension (TDLE) Project (Project). As you may recall, the project will extend light rail service from Federal Way to Tacoma, Washington. The project will construct a 10-mile (approximately) guideway from the terminus of the Federal Way Link Extension (anticipated opening 2025-2026) at the Federal Way Downtown Station, to the Tacoma Dome Station area and include new stations with parking in South Federal Way, Fife and Tacoma. In addition, a new rail-only fixed-span bridge will be constructed at the Puyallup River crossing. A Draft Environmental Impact Statement is being developed for the project and includes the Historic and Archaeological Technical Report (see Attachment 1) with a summary of archaeological and historic resources identified and evaluated for listing to the National Register of Historic Places (NRHP) within the project area of potential effect (APE). FTA requests concurrence with the Section 106 Determination of Effect for the project.

Cultural Resources Evaluation

In March 2020, FTA, in coordination with Sound Transit and in consultation with DAHP, consulting Tribes and other consulting parties defined the APE for the project. The APE was subsequently revised in November 2020 and April 2023 as the project was further refined

(Attachment 2- Figures 1- 4). A cultural resources survey was performed, including a review of available digital and archival records and online resources such as geologic mapping, the Washington Information System for Architectural and Archaeological Resources Data (WISAARD), the Washington Statewide Archaeology Predictive Model, ethnographic place names and village locations, historical-based archival records, Sanborn Maps, and previous cultural resources studies to assess the potential to encounter cultural resources within the project area, determine archaeological survey locations, and identify geoarchaeological testing areas. Results of the cultural resources investigations, including background research identified 26-archaeological sites and 233 historic structures within the APE. In May 2023, FTA consulted on eligibility determinations for 25 archaeological sites and 27 built-environment resources located within the footprint of the build alternatives (SHPO concurred June 2023). Since then, FTA has determined two NRHP eligible properties, archaeological site 45PI1557 and the historic residential structure at 1309 62nd Ave East in Fife will be adversely impacted by the project.

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Thank you for your consultation on the project.

Sincerely,

Susan K. Fletcher
Regional Administrator

Cc: Brad Beach, THPO, Nisqually Tribe
Annette Bullchild, THPO, Nisqually Tribe
Dennis Wardlaw, DAHP
Maureen Elenga, DAHP
Dezerae Hayes, Sound Transit
Alex Stevenson, Sound Transit
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Jennifer Shrek, Sound Transit
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Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
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September 5, 2024

Gerald Lewis
Chairman
Confederated Tribes and Bands of the Yakama Nation
PO Box 151
Toppenish WA 98948

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Chairman Lewis:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation under Section 106 of the National Historic Preservation Act and its implementing regulations at 36 Code of Federal Regulation (CFR) Part 800, for the Tacoma Dome Link Extension (TDLE) Project (Project). As you may recall, the project will extend light rail service from Federal Way to Tacoma, Washington. The project will construct a 10-mile (approximately) guideway from the terminus of the Federal Way Link Extension (anticipated opening 2025-2026) at the Federal Way Downtown Station, to the Tacoma Dome Station area and include new stations with parking in South Federal Way, Fife and Tacoma. In addition, a new rail-only fixed-span bridge will be constructed at the Puyallup River crossing. A Draft Environmental Impact Statement is being developed for the project and includes the Historic and Archaeological Technical Report (see Attachment 1) with a summary of archaeological and historic resources identified and evaluated for listing to the National Register of Historic Places (NRHP) within the project area of potential effect (APE). FTA requests concurrence with the Section 106 Determination of Effect for the project.

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Thank you for your consultation on the project.

Sincerely,

Susan K. Fletcher
Regional Administrator

Cc: Casey Barney, Yakama Nation
Rose Ferri, THPO, Yakama Nation
Dennis Wardlaw, DAHP
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Dezerae Hayes, Sound Transit
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Washington

915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

September 5, 2024

Chris Larson
City of Fife
Community Development Director
5411 23rd Street East
Fife WA 98424

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Chris Larson:

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Regional Administrator

Cc: Dennis Wardlaw, DAHP
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915 Second Avenue
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Seattle, WA 98174-1002
206-220-7954
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September 5, 2024

Becca Book
Pierce County
Landmarks and Historic Preservation
930 Tacoma Avenue South
Tacoma WA 98402

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Becca Book:

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Washington

915 Second Avenue
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Seattle, WA 98174-1002
206-220-7954
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September 5, 2024

Chris Moore
Preservation Programs Director
Washington Trust for Historic Preservation
1204 Minor Avenue
Seattle, WA 98101

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Chris Moore:

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September 5, 2024

Reuben McKnight
City of Tacoma
Historic Preservation Officer
Planning and Development Services
747 Market Street, Third Floor
Tacoma WA 98401

**Subject: Sound Transit
Tacoma Dome Link Extension Project
National Historic Preservation Act, Section 106
Adverse Effects Determination**

Dear Reuben McKnight:

The Federal Transit Administration (FTA), in cooperation with Sound Transit, is continuing consultation under Section 106 of the National Historic Preservation Act and its implementing regulations at 36 Code of Federal Regulation (CFR) Part 800, for the Tacoma Dome Link Extension (TDLE) Project (Project). As you may recall, the project will extend light rail service from Federal Way to Tacoma, Washington. The project will construct a 10-mile (approximately) guideway from the terminus of the Federal Way Link Extension (anticipated opening 2025-2026) at the Federal Way Downtown Station, to the Tacoma Dome Station area and include new stations with parking in South Federal Way, Fife and Tacoma. In addition, a new rail-only fixed-span bridge will be constructed at the Puyallup River crossing. A Draft Environmental Impact Statement is being developed for the project and includes the Historic and Archaeological Technical Report (see Attachment 1) with a summary of archaeological and historic resources identified and evaluated for listing to the National Register of Historic Places (NRHP) within the project area of potential effect (APE). FTA requests comments on the Section 106 Determination of Effect for the project.

Cultural Resources Evaluation

In March 2020, FTA, in coordination with Sound Transit and in consultation with DAHP, consulting Tribes and other consulting parties defined the APE for the project. The APE was

subsequently revised in November 2020 and April 2023 as the project was further refined (Attachment 2-Figures 1- 4). A cultural resources survey was performed, including a review of available digital and archival records and online resources such as geologic mapping, the Washington Information System for Architectural and Archaeological Resources Data (WISAARD), the Washington Statewide Archaeology Predictive Model, ethnographic place names and village locations, historical-based archival records, Sanborn Maps, and previous cultural resources studies to assess the potential to encounter cultural resources within the project area, determine archaeological survey locations, and identify geoarchaeological testing areas. Results of the cultural resources investigations, including background research identified 26-archaeological sites and 233- historic structures within the APE. In May 2023, FTA consulted on eligibility determinations for 25 archaeological sites and 27 built-environment resources located within the footprint of the build alternatives (SHPO concurred June 2023). Since then, FTA has determined two NRHP eligible properties, archaeological site 45PI1557 and the historic residential structure at 1309 62nd Ave East in Fife will be adversely impacted by the project.

Archaeological Resources

Archaeological site, 45PI1557 was encountered during geoarchaeological investigations of the project APE along the Tacoma Segment (see Attachment 2- Figure 5), approximately 25-feet below the ground surface. Site 45PI1557 is eligible for listing to the NRHP per Criterion D (FTA 2023) and will be adversely impacted by all build alternatives, including the preferred alternative, Tacoma 25th Street--West, for the project.

Historic Built Environment Resources

The historic residential property at 1309 62nd Avenue East in Fife (see Attachment 2- Figure 6) is eligible for listing to the NRHP per Criterion A, B and C (FTA 2023). The property will be adversely impacted (demolished) by the project, under all build alternatives.

Determination of Effect and Request for Concurrence

Based on results of the cultural resources analysis and evaluation of historic built environment and archaeological resources identified within the project APE (see Attachment 1), FTA has made the following determinations:

- The project will result in **adverse effects** to two NRHP eligible properties
  - Archaeological site 45PI1557
  - Historic-era residential structure at 1309 62nd Avenue East.
- As such, the project will have an **Adverse Effect to Historic Properties**.

These determinations are based on the project as currently designed. However, the APE is located within a high probability area for archaeological resources based on proximity to known ethnographic locations, documented sites, and historic landforms (see Attachment 1). FTA, in coordination with Sound Transit will continue to identify and evaluate impacts to cultural resources as the project advances through design.

To resolve known adverse effects to historic properties, a Programmatic Agreement (PA) will be developed for the project in consultation with SHPO, Tribes and other consulting parties. The draft PA will be published with the Draft Environmental Impact Statement (EIS) to seek public comment on the agreement document, as required per 36 CFR Part 800. In addition,

the ACHP will be notified of the adverse effects determination and intent to develop a Programmatic Agreement for the project with an invitation to consult. This agreement will continue to be refined through ongoing consultation as the project moves forward to the Final EIS.

Pursuant to 36 CFR Part 800, FTA is seeking comments on the finding of effect for the project within 30 days of receipt of this letter. If FTA can provide any assistance or additional information to aid in your prompt reply, please contact Erin Littauer at (206) 220-7521 or erin.littauer@dot.gov.

Thank you for your consultation on the project.

Sincerely,

Susan K. Fletcher
Regional Administrator

Cc: Dennis Wardlaw, DAHP
Maureen Elenga, DAHP
Dezerae Hayes, Sound Transit
Alex Stevenson, Sound Transit
Erin Green, Sound Transit
Jennifer Shrek, Sound Transit
Elma Borbe, Sound Transit

Enclosures: Attachment 1- Historic and Archaeological Resources Technical Report
Attachment 2- Area of Potential Effects (Figures 1- 4) and NRHP Eligibility Maps (Figures 5- 6)

Allyson Brooks Ph.D., Director
State Historic Preservation Officer

September 23, 2024

Susan Fletcher
Regional Administrator
Federal Transit Administration
915 Second Avenue
Federal Bldg. Suite 3192
Seattle, WA 98174-1002

In future correspondence please refer to:
Project Tracking Code: 2018-02-01251
Property: Tacoma Dome Link Extension
Re: Adverse Effect

Dear Susan Fletcher:

Thank you for contacting the Washington State Department of Archaeology and Historic Preservation (DAHP) regarding the above referenced proposal. This action has been reviewed on behalf of the State Historic Preservation Officer (SHPO) under provisions of Section 106 of the National Historic Preservation Act of 1966 (as amended) and 36 CFR Part 800. Our review is based upon documentation contained in your communication: Historic and Archaeological Technical Report.

First, we concur that Property ID: 31927 Residence 1309 62nd Ave E, Fife, Washington 98424 is eligible for listing in the National Register of Historic Places (NRHP) under Criterion A, B and C. We also concur that Archaeological site 45PI1557 is eligible for listing in the NRHP.

Finally, we concur that the project as proposed will have an adverse effect on resources listed in, or eligible for listing in, the National Register of Historic Places due to the demolition of the Historic-era residential structure at 1309 62nd Avenue East and to Site 45PI1557 under all project alternatives.

Given our adverse effect determination, we look forward to developing a Programmatic Agreement to resolve adverse effects to historic properties.

Also, we appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive as you consult for this project. Our comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer in conformance with Section 106.

Thank you for the opportunity to review and comment. Should you have any questions, please feel free to contact me.

Sincerely,

Maureen Elenga, M.A.
Transportation Reviewer
(360) 972-4539
Maureen.Elenga@dahp.wa.gov

Advisory Council on Historic Preservation
Electronic Section 106 Documentation Submittal System (e106) Form
MS Word format

Send to: *e106@achp.gov*

Please review the instructions at www.achp.gov/e106-email-form **prior to completing this form. Questions about whether to use the e106 form should be directed to the assigned ACHP staff member in the Office of Federal Agency Programs.**

I. Basic information

1. **Purpose of notification.** Indicate whether this documentation is to:
   - ☒ Notify the ACHP of a finding that an undertaking may adversely affect historic properties
   - ☒ Invite the ACHP to participate in a Section 106 consultation
   - ☒ Propose to develop a project Programmatic Agreement (project PA) for complex or multiple undertakings in accordance with 36 CFR 800.14(b)(3)
   - ☐ Supply additional documentation for a case already entered into the ACHP record system
   - ☐ File an executed MOA or PA with the ACHP in accordance with 800.6(b)(iv) (where the ACHP did not participate in consultation)
   - ☐ Other, please describe
     Click here to enter text.

2. ACHP Project Number (If the ACHP was previously notified of the undertaking and an ACHP Project Number has been provided, enter project number here and skip to Item 7 below): n/a

3. **Name of federal agency** (If multiple agencies, list them all and indicate whether one is the lead agency):

   Federal Transit Administration (FTA) is lead federal agency carrying out the Section 106 review.

   Other, non-lead federal agencies involved in the project include the United States Army Corps of Engineers (USACE), Federal Highway Administration (FHWA), and Bureau of Indian Affairs (BIA).

4. **Name of undertaking/project** (Include project/permit/application number if applicable):

   Tacoma Dome Link Extension (TDLE)

5. **Location of undertaking** (Indicate city(s), county(s), state(s), land ownership, and whether it would occur on or affect historic properties located on tribal lands):

   The project is located in King County and Pierce County, Washington. Project activities will occur in the City of Federal Way, City of Milton, City of Fife and City of Tacoma, and on lands within the Reservation of the Puyallup Tribe of Indians.

Two historic properties are currently anticipated to be adversely affected. One adversely affected property (1309 62nd Ave E, Fife, WA) is located on land held by the United States of America in Trust for Tiffany J. Harrison. This historic property is a single-family residence that was recently acquired by Ms. Harrison. Archaeological site 45PI1557 will be adversely affected and is located on property owned by the Washington State Department of Transportation. This property is located within the city limits of the City of Tacoma.

6. **Name and title of federal agency official and contact person for this undertaking**, including email address and phone number:

   Agency: FTA
   Contact: Erin Littauer
   Title: Environmental Protection Specialist
   Email: erin.littauer@dot.gov
   Phone: 206-220-7512

II. Information on the Undertaking*

7. Describe the undertaking and nature of federal involvement (if multiple federal agencies are involved, specify involvement of each):

Sound Transit proposes to construct approximately 10 miles of light rail between the cities of Federal Way and Tacoma, divided into four (4) segments: Federal Way, South Federal Way, Fife and Tacoma known as the Tacoma Dome Link Extension (the Project), pursuant to the Sound Transit 3 plan of regional transit system investments, funding for which was approved by voters in the region in 2016; authorized by 49 U.S.C. Chapter 53.

USACE is a Cooperating Agency pursuant to 40 CFR 1501.6 and 40 CFR 1508.5 and may issue permits in conjunction with the Project authorizing the discharge of dredged or fill material under Section 404 of the Clean Water Act, as well as permits in conjunction with the Project under Section 10 of the Rivers and Harbors Act.

FHWA is a Cooperating Agency pursuant to 40 CFR 1501.6 and 40 CFR 1508.5 and may issue approvals for use of interstate right-of-way.

BIA is a Cooperating Agency pursuant to 40 CFR 1501.6 and 40 CFR 1508.5 and may grant easements on Tribal lands pursuant to 25 U.S.C. § 323-328.

8. Describe the Area of Potential Effects (APE):

A description of the APE, along with a corresponding figure can be found in the Tacoma Dome Link Extension Historic and Archaeological Resources Technical Report (TDLE Cultural Resources Report) included with this submittal. Specifically, please see the following report section:

- **Section 3: Area of Potential Effects.** Pages J5-17 through J5-30 including Figures 3-1 through 3-13, *Area of Potential Effects.*

9. Describe steps taken to identify historic properties:

A description of the steps taken to identify historic properties, including information on consulting parties can be found in the TDLE Cultural Resources Report included with this submittal. Specifically, please see the following report sections:

- **Section 5: Methods.** Pages J5-54 through J5-62, including information on field investigation

methods.

- **Section 6: Section 106 Consultation.** Pages J5-63 and J5-64 including information on specific consulting parties along with a table recording Section 106 consultation efforts.
- **Section 7: Archaeological Records Search.** Pages J5-65 through J5-88, including information on record searches to identify known archaeological sites, previously completed cultural resources studies, and historic built environment resources listed or eligible for listing in the National Register.
- **Section 8: Archaeological Expectations.** Pages J5-89 and J5-90 including a description of how background research was used to establish a framework for the archaeological expectations for the Project for historic periods and Project segments.
- **Section 9: Field Investigation Results.** Pages J5-91 through J5-254, including archaeology survey results from field survey and historic built environment survey results. Tables and maps are included in Section 9 with listing of historic properties by Project segments.

10. Describe the historic property (or properties) and any National Historic Landmarks within the APE (or attach documentation or provide specific link to this information):

The historic built environment property survey for the Project identified over 26 resources (22 buildings, structures, or objects and four archaeological sites) within the APE that have been determined eligible for listing in the National Register by FTA, with concurrence from the State Historic Preservation Officer (SHPO). There are no NHLs within the APE. Information on historic properties, including tables, maps, and photographs can be found in the TDLE Cultural Resources Report included with this submittal. Historic Property Inventory forms for all surveyed properties in the APE are also available from the Washington State Department of Archaeology and Historic Preservation (DAHP). Specifically, please see the following report sections and DAHP record information:

- **Section 9: Field Investigation Results. Pages J5-91 through J5-254**
- **Section 7: Archaeological Records Search. Pages J5-65 through J5-88.**
- **Attachment J5.5: Historic Property Inventory Forms**
- **Attachment J5.6 through J5.10: Archaeological site forms and archaeological investigation maps**

11. Describe the undertaking's effects on historic properties:

A description of the effects on historic properties can be found in the TDLE Cultural Resources Report included with this submittal, including tables and maps of supporting information. Specifically, please see the following report sections:

- **Section 10: Application of Criteria of Adverse Effect.** Pages J5-255 through J5-280

12. Explain how this undertaking would adversely affect historic properties (include information on any conditions or future actions known to date to avoid, minimize, or mitigate adverse effects):

A description how the undertaking would adversely affect historic properties can be found in the TDLE Cultural Resources Report included with this submittal, including tables, maps and supporting information on resolution or minimization of adverse effects. Additionally, a programmatic agreement to resolve known adverse effects as well as outline procedures for addressing potential

adverse effects to archaeological resources is in development through the Section 106 Consultation

process. Please see the following report sections for information:

- **Section 10: Application of Criteria of Adverse Effect.** Page J5-255**.**
- **Section 10.1: Effects on Archaeological Resources.** Pages J5-255 through J5-258.
- **Section 10.2: Effects on Historic Built-Environment Properties.** Pages J5-258 through J5-276.
- **Section 10.3: Potential Mitigation For Adverse Effect.** Pages J5-276 through J5-278.

13. Provide copies or summaries of the views provided to date by any consulting parties, Indian tribes or Native Hawai'ian organizations, or the public, including any correspondence from the SHPO and/or THPO.

Information on consulting parties, including their participation in the consultation process and feedback can be found in the TDLE Cultural Resources Report included with this submittal. Specifically, please see the following report sections:

- **Section 6: Section 106 Consultation.** Pages J5-63 and J5-64 including information on specific consulting parties along with a table recording Section 106 consultation efforts.
- **Attachment J5-12: Correspondence. Including Section 106 consultation materials and comments from SHPO, Tribes and Consulting Parties.**

III. Additional Information

14. Please indicate the status of any consultation that has occurred to date, including whether there are any unresolved concerns or issues the ACHP should know about in deciding whether to participate in consultation.

The status of consultation that has occurred to date is provided in Attachment J5-12, J5-63 and J5-64 (see Item 13 above). FTA, in coordination with Sound Transit, initiated Section 106 consultation for TDLE on August 11, 2021 with an APE revision and revised survey methodology on April 11, 2023. SHPO commented with concurrence on the survey methods and APE on April 20.2023. FTA consulted on the Determination of Eligibility and Effects (Adverse Effects) for the project on September 5, 2024 and SHPO concurred with these determinations on September 23, 2024. Consulting parties, including Tribes and SHPO are listed below.

Washington State Department of Archaeology and Historic Preservation
PO Box 48343, Olympia WA 98504-8343
Dr. Allyson Brooks, State Historic Preservation Officer / Director, Allyson.Brooks@dahp.wa.gov
Maureen Elenga, Architectural Historian, maureen.elenga@dahp.wa.gov
Dennis Wardlaw, Transportation Archaeologist, dennis.wardlaw@dahp.wa.gov

Washington Trust for Historic Preservation
1204 Minor Avenue, Seattle WA 98101
Chris Moore, Executive Director, Cmoore@preservewa.org

Pierce County
Landmarks and Historic Preservation
930 Tacoma Avenue South, Tacoma WA 98402
Becca Book, becca.book@piercecountywa.gov

City of Tacoma
Planning and Development Services

747 Market Street, Third Floor, Tacoma WA 98401
Reuben McKnight, Historic Preservation Officer, reuben.mcknight@cityoftacoma.org

City of Fife
5411 23rd Street East, Fife WA 98424
Chris Larson, Community Development Director, clarson@cityoffife.org

Confederated Tribes and Bands of the Yakama Nation
401 Fort Road, Toppenish WA 98948
The Honorable Gerald Lewis, Chairman, gerald_lewis@yakama.com
cc Casey Barney, Cultural Resources (off reservation), casey_barney@yakama.com
cc Rose Ferri, THPO, rose_ferri@yakama.com

Muckleshoot Indian Tribe
39015 172nd Avenue Southeast, Auburn WA 98092
The Honorable Jaison Elkins, Chairman, jaison.elkins@muckleshoot.nsn.us
cc Laura Murphy, Cultural Resources, laura.murphy@muckleshoot.nsn.us

Nisqually Tribe
4820 She-Nah-Num Drive SE, Olympia WA 98513
The Honorable E. Ken Choke, Chairman, choke.ken@nisqually-nsn.gov
cc Brad Beach, THPO, beach.brad@nisqually-nsn.gov
cc Annette Bullchild, THPO, bullchild.annette@nisqually-nsn.gov

Puyallup Tribe of Indians
3009 Portland Ave, Tacoma WA 98404
The Honorable Bill Sterud, Chairman, bill.sterud@puyalluptribe-nsn.gov
cc Brandon Reynon, Cultural Resources, brandon.reynon@puyalluptribe-nsn.gov
cc Russ Ladley, Director of Fisheries, russ.ladley@puyalluptribe-nsn.gov
cc Michael Shong, Archaeologist, michael.shong@puyalluptribe-nsn.gov

15. Does your agency have a website or website link where the interested public can find out about this project and/or provide comments? Please provide relevant links:

Links to the Project website and on-line community participation page hosted by Sound Transit are provided below.

Tacoma Dome Link Extension Project – Sound Transit website

Tacoma Dome Link Extension – Sound Transit Participate Online website

16. Is this undertaking considered a "major" or "covered" project listed on the Federal Infrastructure Projects Permitting Dashboard? If so, please provide the link:

A link to the Federal Infrastructure Projects Permitting Dashboard is provide below.

Tacoma Dome Link Extension Project EIS | Permitting Dashboard (performance.gov)https://www.permits.performance.gov/permitting-project/dot-projects/west-seattle-link-extension-project

The following are attached to this form (check all that apply):

☒ Section 106 consultation correspondence

☒ Maps, photographs, drawings, and/or plans

☒ Additional historic property information

☒ Consulting party list with known contact information

☐ Other: Click here to enter text.

October 31, 2024

Erin Littauer
Environmental Protection Specialist
Federal Transit Administration
Region 10

Ref: *Tacoma Dome Link Extension Project*
Federal Way, Milton, Fife, Tacoma, King and Pierce County, Washington
ACHP Project Number: 021671

Dear Ms. Littauer:

On October 20, 2024, the Advisory Council on Historic Preservation (ACHP) received your notification of adverse effect for the referenced undertaking that was submitted in accordance with 36 CFR 800.6(a)(1) of Section 106 of the National Historic Preservation Act and its implementing regulations, "Protection of Historic Properties" (36 CFR Part 800). The background documentation included with your submission did not include all of the required information specified in 36 CFR § 800.11(e) of the regulations. We, therefore, are unable to determine whether Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, applies to this undertaking. Accordingly, we request that you submit the following additional information so that we can determine whether our participation in the consultation to resolve adverse effects is warranted.

- Copies or summaries of any views provided by consulting parties, to include federally recognized Indian tribes or Native Hawaiian organizations as appropriate, the public, and the Washington State Historic Preservation Officer.

Upon receipt of the additional information, we will notify you within 15 days of our decision.

If you have any questions, please contact Max Sickler at (202) 517-0220 or by e-mail at msickler@achp.gov and reference the ACHP Project Number above.

Sincerely,

Lucrecia Brooks
Historic Preservation Technician
Office of Federal Agency Programs

November 13, 2024

Erin Littauer
Environmental Protection Specialist
Federal Transit Administration
Region 10

Ref: *Tacoma Dome Link Extension Project*
Federal Way, Milton, Fife, Tacoma, King and Pierce County, Washington
ACHP Project Number: 021671

Dear Ms. Littauer:

On November 7, 2024, the Advisory Council on Historic Preservation (ACHP) received your notification and supporting documentation regarding the potential adverse effects of the referenced undertaking on a property or properties listed or eligible for listing in the National Register of Historic Places. Based upon the information you provided, we have concluded that Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, of our regulations, "Protection of Historic Properties" (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act, does not apply to this undertaking. Accordingly, we do not believe our participation in the consultation to resolve adverse effects is needed.

However, if we receive a request for participation from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Should the undertaking's circumstances change, consulting parties cannot come to consensus, or you need further advisory assistance to conclude the consultation process, please contact us.

Pursuant to Section 800.6(b)(1)(iv), you will need to file the final Section 106 agreement document (Agreement), developed in consultation with the Washington SHPO and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the Agreement and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

Thank you for providing us with your notification of adverse effect. If you have any questions or require our further assistance, please contact Bill Marzella at (202) 517-0209 or by e-mail at

bmarzella@achp.gov and reference the ACHP Project Number above.

Sincerely,

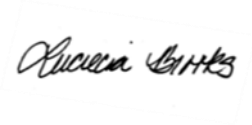

Lucrecia Brooks
Historic Preservation Technician
Office of Federal Agency Programs

ATTACHMENT J5.13

Draft Programmatic Agreement

PROGRAMMATIC AGREEMENT AMONG THE FEDERAL TRANSIT ADMINISTRATION, THE WASHINGTON STATE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION, THE PUYALLUP TRIBE OF THE PUYALLUP RESERVATION, AND THE CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY IMPLEMENTING SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT FOR THE TACOMA DOME LINK EXTENSION PROJECT, KING AND PIERCE COUNTIES, WASHINGTON

WHEREAS, the Central Puget Sound Regional Transit Authority (Sound Transit) proposes to construct approximately 10 miles of light rail between the cities of Federal Way and Tacoma, divided into four (4) segments: Federal Way, South Federal Way, Fife and Tacoma known as the Tacoma Dome Link Extension (the Project), pursuant to the Sound Transit 3 plan of regional transit system investments, funding for which was approved by voters in the region in 2016;

WHEREAS, subject to the commitment of local funding, the Project will utilize funds administered by the Federal Transit Administration (FTA) authorized by 49 U.S.C. § 53;

WHEREAS, FTA has determined that the Project is an undertaking subject to the requirements of 36 CFR § 800, the regulations implementing Section 106 of the National Historic Preservation Act (NHPA), 54 U.S.C. § 300101 et seq.;

WHEREAS, the United States Army Corps of Engineers (USACE) is a Cooperating Agency pursuant to 40 CFR § 1501.8 and 40 CFR § 1508.1 and may issue permits authorizing the discharge of dredged or fill material in conjunctions with the Project construction pursuant to 33 U.S.C. Chapter 11 and Section 404 of the Clean Water Act (Section 404), 33 U.S.C. §§ 1251-1376, as amended, as well as permits pursuant to 33 U.S.C. § 408 and 33 U.S.C. § 403 of the Rivers and Harbors Act (Section 10);

WHEREAS, the Federal Highway Administration (FHWA), is a Cooperating Agency pursuant to 40 CFR § 1501.8 and 40 CFR § 1508.1 and may issue approvals for use of the Interstate right-of-way.

WHEREAS, the Bureau of Indian Affairs (BIA), is a Cooperating Agency pursuant to 40 CFR § 1501.8 and 40 CFR § 1508.1 and is responsible for granting easements on Tribal lands pursuant to 25 U.S.C. §§ 323-328

WHEREAS, in accordance with 36 CFR § 800.14(b) and § 800.6, on October 18, 2024 FTA notified the Advisory Council on Historic Preservation (ACHP) of its intent to use a Programmatic Agreement (Agreement) to partially fulfill its Section 106 obligations for the Project and has invited ACHP to participate in the development of this Agreement, and on DATE the ACHP has chosen not to participate in the consultation pursuant to 36 CFR § 800.6(a)(1)(iii);

WHEREAS, FTA has initiated consultation in accordance with 36 CFR § 800.3(c) with the Washington State Historic Preservation Officer (SHPO), Department of Archaeology and Historic Preservation (DAHP) in coordination with Sound Transit (under SHPO Project No. 2018-02-01251), and is continuing the Section 106 process for the Project with an Agreement in accordance with 36 CFR § 800.14(b) because the effects of the Project on historic properties cannot be fully determined prior to approval of the Project, and the Project will have an Adverse Effect on two (2) known properties determined eligible for listing in the National Register of Historic Places (NRHP), herein referred to as historic properties as defined in 36 CFR § 800.16(l)(1);

WHEREAS, under this Agreement, pursuant to 36 CFR § 800.2(a)(3), FTA designated Sound Transit to work directly with DAHP on FTA's behalf, with FTA remaining responsible for

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designating Consulting Parties and making all findings and determinations pursuant to 36 CFR § 800;

WHEREAS, FTA has invited the USACE, FHWA, BIA, and Sound Transit to be Invited Signatories to this Agreement because they are anticipated to issue permit(s) or approvals for this Project and are identified as a Cooperating Agency;

WHEREAS, pursuant to 36 CFR § 800.2(c)(2)(ii) and 36 CFR § 800.14(b) and (f), FTA has initiated consultation with the following federally recognized Tribes and invited their participation in the development of this Agreement: the Puyallup Tribe of the Puyallup Reservation, the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, and Confederated Tribes and Bands of the Yakama Nation. The named federally recognized Tribes are collectively referred to here as "Consulting Tribes."

WHEREAS, the undertaking has potential to affect historic properties on Tribal lands, and the Puyallup Tribe of the Puyallup Reservation is a signatory to this Agreement pursuant to 36 CFR § 800.2(c)(2)(i)(B);

WHEREAS, FTA invited the Muckleshoot Indian Tribe, the Nisqually Indian Tribe, and Confederated Tribes and Bands of the Yakama Nation to sign this Agreement as Concurring Parties;

WHEREAS, FTA acknowledges its continued responsibility to engage in meaningful government-to-government consultation with the Consulting Tribes (pursuant to Executive Order 13175, 54 U.S.C. § 302706(b), the January 26, 2021 Presidential Memorandum on Tribal Consultation and Strengthening Nation-to-Nation Relationships, and 36 CFR § 800.2(c)(2)) throughout the process of carrying out the stipulations of this Agreement as applicable. This Agreement does not alter the existing government-to-government relationship between FTA and any Tribe. Additionally, nothing in this Agreement is intended to repeal, supersede, or modify any right, privilege, or immunity granted, reserved, or established pursuant to treaty, statute, or Executive Order pertaining to any Tribe, nor is it intended to confer any additional right, privilege, or immunity not otherwise granted, reserved, or established pursuant to treaty, statute, or Executive Order pertaining to any Tribe;

WHEREAS, FTA has prepared this Agreement in consultation with the City of Tacoma Historic Preservation Officer, City of Fife, Pierce County Historic Preservation Program, and the Washington Trust for Historic Preservation regarding the effects of the Project on historic properties and the development of mitigation measures and stipulations, and invited all of these entities to sign this Agreement as Concurring Parties;

WHEREAS, FTA, in coordination with Sound Transit, has defined the Area of Potential Effect (APE) for the Project as depicted in Attachment A, and consulted on the APE with DAHP, Consulting Tribes, and other Consulting Parties;

WHEREAS, FTA, in coordination with Sound Transit, and in consultation with DAHP, Consulting Tribes, and other Consulting Parties have completed the inventory of the historic built environment to identify historic properties as defined by 36 CFR § 800.16(1) that are listed in, or eligible for listing in, the NRHP, the results of which are shown in Attachment B of this Agreement, and DAHP has concurred with these determinations;

WHEREAS, as the design and construction advances, FTA in coordination with Sound Transit may need to conduct inventory of areas added to the APE to identify and evaluate historic properties that could potentially be affected by the Project and, if needed, shall do so in consultation per the terms of this Agreement;

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WHEREAS, because of lack of access FTA in coordination with Sound Transit has completed limited survey to identify archaeological resources as defined by 36 CFR § 800.16(1) that are listed in, or eligible for listing in the NRHP and have agreed to implement a process for further identification and evaluation of archaeological sites pursuant to 36 CFR § 800.4(b)(2), and defer until after the execution of this Agreement additional identification and evaluation of archaeological sites, assessment of adverse effects, and resolution of adverse effects, if needed, as provided for in this Agreement;

WHEREAS, FTA, in coordination with Sound Transit, have consulted with DAHP, Consulting Tribes, other Consulting Parties, and the ACHP on Adverse Effect(s) to known historic properties, including buildings, structures, sites, districts, and objects within the APE, that are anticipated to arise as a result of the Project;

WHEREAS, FTA in coordination with Sound Transit, and in consultation with DAHP, Consulting Tribes, and other Consulting Parties, has determined that the Project will have an Adverse Effect on the following known historic properties, which are listed or eligible for listing in the NRHP: Archaeological site 45PI1557 and 1309 62nd Ave E, Fife, WA.

WHEREAS, FTA in coordination with Sound Transit, and in consultation with DAHP, Consulting Tribes, and other Consulting Parties, has determined that historic properties included in Attachment B but not listed above as adversely affected, will not be adversely affected by the Project;

WHEREAS, measures are included in this Agreement to avoid and/or minimize effects to historic properties through a design development and review process and the implementation of protection measures for historic properties during Project construction;

WHEREAS, FTA, in coordination with Sound Transit, and in consultation with DAHP, Consulting Tribes, and other Consulting Parties, has determined that ground-disturbing work for the Project may adversely affect archaeological resources that may be eligible for listing in the NRHP but are located in areas that are currently not accessible for testing and evaluation;

WHEREAS, FTA, DAHP, Invited Signatories, and Concurring Parties that have chosen to sign are defined below as Signatories to this Agreement;

WHEREAS, the Project is defined here as the Preferred Alternative identified in the Draft Environmental Impact Statement (EIS) published on December 13, 2024. This Preferred Alternative may include refinements made by Sound Transit's Board of Directors when selecting the project to be built and is anticipated in this Agreement to be selected as the project to be built. If portions or all of the project to be built as selected by the Sound Transit Board of Directors includes different alternatives than those included as the Preferred Alternative in the Final EIS, then this Agreement will be amended to reflect such changes, per Stipulation XXIV;

WHEREAS, FTA shall consult with DAHP, Consulting Tribes, and other Consulting Parties on revisions to the APE and on additional investigation within the revised APE that may be required as a result of changes to the Project, following the execution of this Agreement. Such consultation will follow the processes outlined in Stipulation V. FTA shall also consult with the Signatories of this Agreement, other Consulting Tribes, and Consulting Parties on effects to newly identified historic properties and shall resolve Adverse Effects to newly identified historic properties pursuant to Stipulation IX;

WHEREAS, this Agreement was developed with appropriate public involvement pursuant to 36 CFR § 800.2(d) and § 800.6(a)(4); the public involvement was coordinated with the public review conducted by FTA and Sound Transit to comply with NEPA (National Environmental Policy Act), as amended, pursuant to 36 CFR § 800.8(a);

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WHEREAS, public involvement in the Section 106 review process, including notification of the Project's Adverse Effects to known historic properties pursuant to 36 CFR § 800.6(a)(4), following the publication of the NEPA EIS and these provisions shall be coordinated through public communication methods in a way that is commensurate with the type and scale of public input being sought pursuant to Stipulations VI(B) and VIII(B);

WHEREAS, FTA in coordination with Sound Transit shall continue to consult with DAHP, Consulting Tribes, and other Consulting Parties under the terms of this Agreement until such time as FTA determines that all the activities subject to this Agreement are completed or the Agreement is terminated pursuant to Stipulation XXVIII;

NOW, THEREFORE, FTA, Sound Transit, and DAHP agree that the Project shall be implemented in accordance with the following stipulations in order to resolve the effects of the Project on historic properties.

STIPULATIONS

FTA, in coordination with Sound Transit, shall ensure that the following measures are carried out:

I) Applicability

A. If Sound Transit applies for additional federal funding or approvals for the Project from a federal agency that is not party to this Agreement, the agency may choose to remain individually responsible for their Project under 36 CFR § 800. Alternatively, if the Project as described herein remains unchanged, such funding or approving agency may request in writing to FTA and DAHP of their desire to designate FTA as lead federal agency for the Project pursuant to 36 CFR § 800.2(a)(2) and to become a Consulting Party to this Agreement pursuant to Paragraph B of this stipulation.

B. If during the implementation of this Agreement, FTA identifies other agencies, tribes, individuals, and organizations with a demonstrated interest in the Project due to the nature of their legal or economic relation to the Project or affected properties, or due to their concern with the Project's effects on historic properties, FTA may offer such entities Consulting Party status pursuant to 36 CFR § 800.2(c) and/or invite them to become party to this Agreement, with notification to DAHP, Consulting Tribes, and other Consulting Parties.

   1) If FTA invites an entity to become an Invited Signatory, the party may accept this status by agreeing in writing to the terms of this Agreement and so notifying FTA. If the entity agrees to become an Invited Signatory and DAHP, USACE, FHWA, BIA, and Sound Transit, have no objections, FTA shall follow Stipulation XXIV, to amend this Agreement.

   2) If FTA invites an entity to become a Concurring Party, the entity may accept this status by agreeing in writing to the terms of this Agreement and so notifying FTA. Because Concurring Parties have no responsibility for implementation of this Agreement, FTA may add such parties to the consultation process without formal amendment of this Agreement. FTA shall notify DAHP, Consulting Tribes, and other Consulting Parties of any entities who agree to become a Concurring Party.

C. The Project may have multiple construction contracts. The design and construction of the Project may be divided up geographically and/or by discipline. For purposes of this Agreement, these divisions may be considered independently for consultation pursuant to this Agreement. In these instances, the Project status (e.g., design milestone or construction phase) may be considered specific to the contract or

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element without applying to the entire Project. DAHP, Consulting Tribes, and other Consulting Parties will be notified regarding divisions of Project contracting and design and/or construction status as the Project advances.

D. For the purposes of this Agreement, the use of the term “construction” includes major Project construction, as well as any advanced construction which may include activities such as demolition activities, earthwork, staging, and construction of Project infrastructure and related improvements.

II) Roles and Responsibilities

A. FTA

As the federal lead agency, the FTA has primary responsibility pursuant to 36 CFR § 800.2(a)(2) to ensure that the provisions of this Agreement are carried out. FTA shall coordinate with Sound Transit to carry out the terms of this Agreement. FTA will conduct formal consultation with DAHP, Consulting Tribes, and other Consulting Parties. FTA is responsible for all determinations of eligibility and findings of effect of the Project.

B. Sound Transit

As the Project proponent, and as a condition of award of any FTA funding, Sound Transit, in coordination with FTA, shall be primarily responsible for implementing this Agreement and support FTA in fulfilling its Section 106 consultation requirements. Sound Transit will ensure that all cultural resources related work described in this Agreement is performed by Secretary of the Interior (SOI) qualified individuals pursuant to Stipulation III(B) as appropriate.

C. DAHP

DAHP shall be responsible for participating in consultation as set forth in this Agreement and for reviewing Project documentation within the timeframes established in the Agreement. DAHP shall provide comments on APE amendments, and review and concur as appropriate on all FTA determinations and findings pursuant to processes outlined in 36 CFR § 800 and below.

D. Puyallup Tribe of the Puyallup Reservation

The Puyallup Tribe shall participate in consultation as set forth in this Agreement and pursuant to processes outlined in 36 CFR § 800 for the undertaking on activities with the potential to affect historic properties on Tribal lands.

III) Standards and General Requirements

A. All work carried out pursuant to this Agreement shall meet SOI Standards for Archaeology and Historic Preservation (48 FR 44716) and/or the SOI’s Standards for the Treatment of Historic Properties (36 CFR § 68), as applicable (individually or collectively, SOI Standards). Documentation for determinations of eligibility and findings of effect shall meet 36 CFR § 800.11, the SOI Standards, the National Park Service’s Bulletins, and DAHP survey and reporting guidance, as appropriate. Documentation of historic properties for the purposes of resolving Adverse Effects under Stipulation IX, will follow DAHP published documentation standards or other that is agreed upon in writing by both FTA and DAHP.

B. FTA shall ensure that all activities conducted pursuant to this Agreement shall be carried out by, or under the direct supervision of, historic preservation professional(s) who meet the SOI’s Professional Qualification Standards (48 FR 44738-44739) in the appropriate field(s) for the activity (SOI-Qualified Professionals). Sound Transit shall ensure that consultants retained for services pursuant to implementation of this Agreement are SOI-Qualified Professionals, or in the instance of other allied

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professions not covered by the SOI's Professional Qualification Standards, they shall meet other nationally recognized standards or licensure/certification requirements for the profession, as applicable.

C. DAHP, Consulting Tribes, and other Consulting Parties shall keep sensitive cultural resources information confidential to the extent allowed by state (Revised Code of Washington (RCW) 42.56.300) and federal law (Section 304 of the National Historic Preservation Act). Sensitive cultural resources information is defined as information about the location, character, or ownership of a historic property. If it is determined that disclosure may cause a significant invasion of privacy, risk harm to a historic property, impede the use of a traditional religious site by practitioners, or contain archaeological site description or location information, sensitive cultural resources information shall be excluded from all public documents. Unredacted documents that contain sensitive cultural resources information shall only be accessed by approved personnel or SOI-Qualified Professional.

D. FTA acknowledges that Tribes possess special expertise in assessing the NRHP eligibility of properties with religious and cultural significance to their Tribe(s). If a Tribe requests, or if FTA otherwise offers and the Tribe accepts, Concurring Party status under this Agreement, FTA shall seek input from the Tribe to determine whether a SOI-Qualified Professional is qualified to assess the potential religious or cultural significance to the Tribe under NRHP criteria.

E. FTA, in coordination with Sound Transit, shall ensure that all collections, consisting of artifacts, samples, notes, maps, photographs, and other materials and documents associated with archaeological investigations conducted pursuant to this Agreement, will be curated pursuant to Stipulation XXII, Collection and Curation, of this Agreement and as detailed in Attachment C.

F. FTA and Sound Transit shall transmit all site forms, reports, and other documentation associated with investigations and findings to DAHP through the Washington Information System for Architectural and Archaeological Records Data (WISAARD), unless otherwise noted at the request of the Consulting Tribes or other Consulting Parties. Further, this Agreement stands in lieu of a Washington State Archaeological Excavation Permit as per RCW 27.53.

G. FTA shall honor the request of any federally recognized and Consulting Tribe for direct government-to-government consultation regarding the Project.

H. FTA, in coordination with Sound Transit, anticipates continued consultation at regular intervals (e.g., monthly) with DAHP, Consulting Tribes, and other Consulting Parties to implement and report on implementation of stipulations of this Agreement. Such consultation meetings may be held, in-person, on-line or in a hybrid format. Such meeting cadence may be adjusted throughout the life of this Agreement. FTA will notify DAHP, Consulting Tribes, and other Consulting Parties of adjustments in meeting cadence via email.

I. Definitions in 36 CFR § 800.16 will be used for the purposes of this Agreement. Additional terminology not defined in 36 CFR § 800.16 is included below:

1) Signatory

In accordance with 36 CFR § 800.6(c)(1), a signatory has the sole authority to execute, amend, or terminate the agreement. The federal agency, and the SHPO/THPO are signatories. In addition, pursuant to 36 CFR § 800.2(c)(2)(i)(B), Tribes are required signatories for agreement documents for undertakings with the potential to affect historic properties on Tribal lands, whether or not that Tribe has an active THPO program. The ACHP is a signatory as well when it has participated in consultation for the agreement and in all program PAs. Except as described below, their

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signature is almost always required for the agreement to go into effect. Once all of the signatories have signed the agreement, it is executed and goes into effect.

2) Invited Signatory
In accordance with 36 CFR § 800.6(c)(2), an invited signatory, upon signing, has the authority to amend and terminate the agreement. The agency official may invite additional parties to sign the agreement, such as an Indian tribe or Native Hawaiian Organization (NHO) who attaches religious and cultural significance to historic properties affected by the undertaking (off tribal lands), or any party that assumes a responsibility under the agreement. The refusal of an invited signatory to sign the agreement does not prevent the agreement from being executed; however, an agreement cannot impose a duty or responsibility on a party that has not signed it. When an Indian tribe or NHO is asked to be an invited signatory to an agreement for which the undertaking will not occur on or affect historic properties on tribal lands, the THPO or a representative designated by the tribe or NHO, as the case may be, can sign the agreement on behalf of the tribe or NHO. The ACHP notes and accepts that some tribes may decline to sign agreement documents in principle but may participate in development of the agreement. Such decisions are within the rights of Indian tribes, and the ACHP recommends that agencies understand and accept such decision.

3) Concurring Party
In accordance with 36 CFR § 800.6(c)(3), a concurring party is a consulting party invited to concur in the agreement document but who does not have the authority to amend or terminate the agreement. Like an invited signatory's signature, a concurring party signature is not required to execute the agreement; a concurring signature is essentially an endorsement of the agreement. Thus, the refusal to sign by any party asked to concur in the agreement does not prevent the agreement from being executed. Whether any or all other consulting parties are invited to concur in an agreement is at the federal agency's sole discretion. Extending the offer to sign an agreement as a concurring party may be an effective way of recognizing the assistance and support that a party has provided for the actions being evidenced in the agreement and encouraging their ongoing support.

The individual who signs the agreement on behalf of any invited signatory or concurring party should be one with approval authority for any responsibilities or duties assumed under the agreement, or authority to represent the broad interests of their organization, as the case may be. The signature page of the agreement document should identify and differentiate the signatories, invited signatories, and concurring parties.

4) Consulting Tribes
Consulting Tribes refers to Tribes included in formal Section 106 consultation and included in development of this agreement. For the Project these Tribes are federally recognized Tribes identified above.

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IV) Deliverables and Review Procedures

A. FTA shall provide the Signatories, Consulting Tribes and other Consulting Parties thirty (30) calendar days to comment on all findings, determinations, documents, and deliverables unless otherwise specified.

B. For all findings, determinations, documents, and deliverables submitted during Project construction and directly related to construction activities, DAHP, Consulting Tribes, and other Consulting Parties shall have five (5) calendar days to review and provide comments, unless otherwise specified.

C. If the deliverable is a draft document, any written comments provided within the review and comment period shall be considered in the preparation of the final document. If there are any comments that are not feasible to incorporate into the final document, FTA shall provide an explanation to DAHP, Consulting Tribes, and other Consulting Parties as part of issuing the final document. If no comments on a draft document are provided within the specified review timeframe, FTA, at its discretion, may consider the draft document final with notification to DAHP, Consulting Tribes, and other Consulting Parties.

D. Should FTA and DAHP be unable to reach agreement on eligibility determinations, findings of effect, or resolution of Adverse Effects, FTA shall consult with DAHP to resolve the disagreement in accordance with Stipulation XXII.

E. All review timeframes may be extended by mutual consent between FTA and DAHP, with notification to other Consulting Tribes and Consulting Parties. Failure of any Consulting Party to respond within the specified timeframe shall not preclude FTA from proceeding to the next step of any process under this Agreement.

V) Area of Potential Effects

A. In accordance with 36 CFR § 800.4(a)(1) and in consultation with DAHP, Consulting Tribes, and other Consulting Parties, FTA has defined the APE for the Project (Attachment A).

B. Through the Project design process, and as needed during Project construction, FTA in coordination with Sound Transit, shall determine if revisions to the APE are necessary.

   1) If FTA, in coordination with Sound Transit, determines that the APE requires revision it shall submit the APE revision along with any supporting documentation to DAHP for review and comment, and to Consulting Tribes and Consulting Parties (as appropriate) for review, pursuant to Stipulation IV. FTA's determination on the revised APE shall be final.

   2) Revisions to the APE do not require a formal amendment to this Agreement. If revised and documented by FTA pursuant to Paragraph B(1) of this stipulation, then the revised APE shall be used through the remainder of the Project unless further revisions to the APE are necessary.

C. If any new, previously unsurveyed, areas are added to the APE, the procedures in Stipulation VI shall be followed to identify historic properties that may be affected by the Project.

VI) Survey and Evaluation

A. Sound Transit in coordination with FTA and in consultation with DAHP, Consulting Tribes, and other Consulting Parties, shall conduct surveys of the APE, including any areas added through revisions under Stipulation V, in order to undertake and complete a reasonable and good faith effort to identify historic properties.

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1) Surveys may occur across the Project at different intervals depending on the design and/or construction milestone and may be phased to meet project needs.
2) Sound Transit shall advise FTA if and when additional survey is necessary. In any instance where a property cannot be fully evaluated prior to the initiation of the Project's construction or the resumption of Project activities in the vicinity of the property when identified pursuant to this stipulation, the property may be treated as though it is eligible for inclusion in the NRHP for the purposes of Section 106 review of the Project only. In these instances, and in addition to providing a justification for not performing a full evaluation, FTA shall document the NRHP criterion or criteria, potential area(s) of significance, and boundaries used to assume the property's eligibility so that this information can be used to assess effects of the Project on the historic property pursuant to Stipulation VIII.
3) The survey and evaluation shall be performed by SOI-Qualified professionals appropriate to the resource type(s) being identified and evaluated and shall meet the requirements of Stipulation III.

B. Sound Transit shall review the survey results and make NRHP eligibility recommendations to FTA, which shall submit its NRHP eligibility determinations to DAHP, Consulting Tribes, and other Consulting Parties for review and comment pursuant to Stipulation IV. Subject to the confidentiality requirements in Section 304 of the NHPA and 36 CFR § 800.11(c), Sound Transit shall post the survey results on the Project website or other publicly accessible electronic platform as appropriate, in order to obtain public input and shall share any comments received from the public with DAHP, Consulting Tribes, and other Consulting Parties. Such documentation will be redacted to not disclose sensitive archaeological information or Tribal knowledge.
1) If DAHP does not respond during the applicable review period or if DAHP concurs, FTA's eligibility determination shall become final and effects to historic properties shall be assessed pursuant to Stipulation VIII.
2) If FTA and DAHP do not agree on NRHP eligibility of a property, or if FTA and a Tribe that attaches religious and cultural significance to a property do not agree on NRHP eligibility, FTA shall resolve the disagreement pursuant to Stipulation XXIII.

VII) Project Design Development and Review

A. The Project plans (e.g., drawings specifications, special provisions, appendices, etc.), including plans for temporary construction-related work, shall effectively meet the Project purpose and need, while avoiding, minimizing, and/or mitigating Adverse Effects to historic properties. Project plans analyzed for development of this Agreement have been developed to approximately 10% design.

B. At its own discretion, including in response to the request of a Consulting Party, FTA in coordination with Sound Transit, may convene a meeting(s) or use other appropriate means to obtain Consulting Party input on Project design development and effects of the Project on historic properties. If a meeting is held, FTA or Sound Transit shall distribute materials as appropriate in advance of the meeting. These meeting materials may include but are not limited to, agendas, Project plans, and effects assessments. DAHP, Consulting Tribes, and other Consulting Parties may provide input in writing following the receipt of materials during the specified review time and/or during the meeting, if one is held, or both. FTA in coordination with Sound Transit shall record and consider all Consulting Party input received pursuant to this stipulation as Project plans are further developed.

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C. Sound Transit shall review Project plans at design milestones (e.g., 30, 60, 90, and 100%), or equivalent design stages. Sound Transit shall also review any modifications made to the 100% Plans, whether those changes are made prior to, or during Project construction. If a modification of the 100% plans is within the vicinity of a historic property, Sound Transit shall not allow any destructive activities related to the Project modification to begin until reviews under this stipulation and Stipulation VIII are complete. Any submittals to DAHP, Consulting Tribes, and other Consulting Parties shall follow review times as outlined in Stipulation IV. To facilitate review, submittals may be limited to the portions of the Project plans that illustrate the portion of the Project which would potentially adversely affect the previously identified historic properties in Attachment B.

1) At each stage of the review, Sound Transit shall recommend to FTA whether revisions are necessary to the APE pursuant to Stipulation V.
2) Upon completion of the 30%, 60%,90%, and 100% (or other design milestones, to be determined) plans and in addition to the APE review, pursuant to Paragraph C(1) of this stipulation, Sound Transit shall prepare an assessment of the effects pursuant to Stipulation VIII for submittal along with the appropriate plans to DAHP, Consulting Tribes, and other Consulting Parties. Based on the nature and scale of the Project changes since the prior plans milestone, FTA, at its discretion, may hold a consultation meeting pursuant to Paragraph B of this stipulation. Sound Transit shall assess whether any Project design changes would result in a change to FTA's finding of effect prepared pursuant to Stipulation VIII have been met and whether the plans incorporate previous commitments made to DAHP, Consulting Tribes, and other Consulting Parties, including those made as part of any Mitigation Plan(s) prepared under Stipulation IX.
    a. If the previously made finding of effect remains valid, design-related requirements have been met, and all commitments reached during consultation have been incorporated into Project design, Sound Transit shall notify FTA, who shall notify DAHP, Consulting Tribes, and other Consulting Parties of its findings.
    b. If the previously made finding of effect is no longer valid, design-related requirements have not been met, or if commitments reached during consultation are not incorporated into the Project plans at subsequent stages of design development, FTA shall make a new finding of effect in coordination with Sound Transit pursuant to this stipulation, and proceed to Stipulation IX, if necessary.

VIII) Assessment of Effects on Historic Properties

A. FTA, in coordination with Sound Transit, has made a finding of adverse effect for the project. FTA and Sound Transit anticipate additional analysis of potential adverse effects and subsequent determinations as project design advances. Sound Transit shall assess effects of the Project on historic properties in accordance with the Criteria of Adverse Effect as described in 36 CFR § 800.5(a)(1) and make a recommendation to FTA, supported by documentation that meets the requirements of Stipulation III(A). Sound Transit shall also recommend to FTA potential measures for avoiding, minimizing, and/or mitigating any Adverse Effect(s).

1) As part of the assessment of effects, Sound Transit may recommend, and FTA may impose, conditions on the Project to ensure an Adverse Effect to a historic property is avoided and/or minimized.

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a. Conditions to protect a historic property during Project construction shall be considered to avoid and/or minimize potential Adverse Effects and follow Stipulation IX.

2) When unanticipated effects (e.g., damage) occur to a known or newly identified historic property during Project construction, Sound Transit shall use the following guidance in addition to the Criteria of Adverse Effect when making a recommendation to FTA;

a. If the damage does not constitute an Adverse Effect as described in 36 CFR § 800.5(a)(1), a No Adverse Effect finding shall be recommended.

b. If the damage does constitute an adverse effect as described in 36 CFR § 800.5(a)(1), is repairable, and the property owner agrees to repairing the damage in accordance with the SOI Standards, the adverse effect will be resolved pursuant to Stipulation IX.

c. If any of the following are true, an Adverse Effect finding requiring resolution under this stipulation shall be recommended:

i. The damage involves a National Historic Landmark;

ii. The damage cannot be repaired;

iii. The historic property must be demolished in whole or in part;

iv. The property owner does not consent to repairing the damage in accordance with the SOI Standards;

v. Either the Project Construction Contractor or Contractor's insurer resolves the damage claim by monetary payment to the property owner in lieu of a repair; or

vi. The repairs have the potential to cause additional Adverse Effects.

B. FTA shall review Sound Transit's assessment of effects and recommendations, and if acceptable, submit a finding of effect to DAHP, Consulting Tribes, and other Consulting Parties for review pursuant to Stipulation IV. FTA shall clearly state any condition(s) imposed on the Project as part of the finding. Subject to the confidentiality requirements in 54 U.S.C. § 307103 and 36 CFR § 800.11(c), Sound Transit shall post the finding of effect on the Project website, or other means as appropriate, in order to obtain public input and shall share any comments received from the public with DAHP, Consulting Tribes, and other Consulting Parties within the review timeframe.

1) If FTA makes a finding of No Adverse Effect and DAHP, Consulting Tribes, and Consulting Parties agree, no further consultation is required pending implementation of any conditions upon which the finding is based. Implementation of conditions shall be tracked as part of quarterly reporting outlined in Stipulation XX.

2) FTA, at its discretion and based on the nature and scale of the Adverse Effect, may propose the implementation of one or more mitigation measures, to resolve the Adverse Effect pursuant to this stipulation. When applicable, deliverables required as part of a mitigation package shall be prepared in accordance with the requirements of Stipulation II and shall be submitted and reviewed pursuant to the timeline(s) and process outlined in Stipulation IV.

a. If Consulting Parties agree to the proposed mitigation measure(s), FTA and Sound Transit shall ensure the mitigation measure(s) are carried out in order to resolve the Adverse Effect(s). Implementation

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of this mitigation measure(s) shall be tracked as part of regular reporting outlined in Stipulation XX.

b. If DAHP objects to FTA's finding of effect or if other Consulting Parties do not agree with the finding, they shall provide comments to FTA specifying the reasons for their disagreement. FTA shall consult with DAHP and other Consulting Parties to resolve the disagreement in accordance with Stipulation IX.

IX) Consultation to Resolve Adverse Effects

A. FTA shall consult with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate) and the owner of the historic property, if appropriate, to seek and consider other measures to avoid, minimize, and/or mitigate the Adverse Effect. Consultation may take whatever form is appropriate based on the significance, character, and use of the historic property and the nature and scale of the Adverse Effect. The consultation must include an opportunity for the public to express their views in resolving the Adverse Effect(s). FTA, at its discretion, may determine that public participation under this stipulation is met via public review and comment conducted under the National Environmental Policy Act, as amended, and its implementing regulations.

1) If consultation identifies a way to avoid the Adverse Effect(s) entirely through redesign of a Project element or other means, and Sound Transit and FTA agree, Sound Transit may revise the Project plans and FTA shall reassess effects and modify the finding of effect in accordance with Stipulation VII.
2) If through consultation it is determined the Adverse Effect(s) cannot be avoided entirely, a Mitigation Plan shall be prepared under Paragraph B of this stipulation.
3) Final measures identified to avoid, minimize, and or mitigate adverse effects will be documented and made available for review and comment by the public via the project website or other accessible information portal. Such information is subject to the confidentiality requirements in 54 U.S.C. § 307103 and 36 CFR § 800.11(c).

B. FTA, in coordination with Sound Transit, shall develop a Mitigation Plan(s) to document the measures identified through consultation under Paragraph A of this stipulation to resolve the Adverse Effect(s). Mitigation Plan(s) may be prepared for the Project as a whole, for individual construction bid packages, and/or for individual or groups of historic properties, as needed.

1) A Mitigation Plan shall outline measures to avoid, minimize, and/or mitigate Adverse Effects to the historic property. These may include, but are not limited to, additional design review pursuant to Stipulation VII or protective measures to avoid or minimize construction impacts to historic properties pursuant to Stipulation X. When applicable, deliverables required by a Mitigation Plan shall be prepared in accordance with the requirements of Stipulation III and shall be submitted and reviewed pursuant to the timeline(s) and process outlined in Stipulation IV, or as otherwise specified in the Mitigation Plan.
2) Upon completion of consultation, FTA shall submit a draft and final Mitigation Plan to DAHP, Consulting Tribes, and other Consulting Parties (as appropriate), and the property owner, when applicable, pursuant to Stipulation IV. The Mitigation Plan shall be considered final following agreement in writing by both FTA and DAHP. Development, finalization, and implementation of Mitigation Plan do not require a formal amendment to this

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Agreement. Implementation of the Mitigation Plan shall be tracked as part of quarterly reporting outlined in Stipulation XX.

3) If FTA and DAHP fail to agree on how to resolve the Adverse Effect, FTA shall consult with DAHP to resolve the disagreement in accordance with Stipulation XXIII.
4) If required by a Mitigation Plan, construction activities may not begin or resume in the vicinity of the historic property until after completion of the associated field work or implementation of protection measures outlined in the Mitigation Plan.
5) For newly identified adverse effects, Sound Transit, in coordination with FTA will populate an adverse effect acknowledgement form which will identify the nature of the historic property that is adversely affected, the nature of the adverse effect, and a summary of the measure(s) developed to resolve adverse effect as outlined in the Mitigation Plan pursuant to Stipulation IX.B(2). The adverse effect acknowledgement form shall be signed by FTA and DAHP but may be signed by Sound Transit and other invited signatories, as appropriate.

X) Construction Protection Plan for Historic Properties

There are cases where historic properties are located within the APE, but FTA has made a finding of no adverse effect (Attachment B). When applicable, the following procedures are set forth to protect such historic properties during construction.

A. Sound Transit in coordination with FTA, and in consultation with DAHP, Consulting Tribes, and other Consulting Parties, and the property owner, when applicable, shall develop a Construction Protection Plan for Historic Properties (CPPHP) detailing the measures to be implemented prior to and during Project construction to avoid or minimize effects to historic properties. The CPPHP may also include measures to assess effects of operations during systems testing and revenue service as appropriate. The CPPHP shall also identify the entity(ies) responsible for carrying out the measures included in the CPPHP.
    1) The CPPHP may be prepared for the Project as a whole, for individual construction bid packages, and/or for individual or groups of historic properties, as needed.
    2) Sound Transit shall submit the draft CPPHP(s) to FTA for review and approval. Once FTA's comments are incorporated, FTA shall submit the draft and final CPPHP(s) to DAHP, Consulting Tribes, and other Consulting Parties pursuant to Stipulation IV. If the CPPHP includes any property-specific protection measures, FTA shall also submit the draft and final CPPHPs to the owner of the historic property pursuant to Stipulation IV. The CPPHP shall be considered final upon acceptance by FTA and shall be distributed to DAHP, Consulting Tribes, other Consulting Parties, and the property owner, when applicable. When necessary, amendments to the CPPHP shall follow the same process as its original development.
B. Sound Transit shall include the agreed-upon CPPHP in contract packages to inform Project Construction Contractors of their responsibilities relative to historic properties. The CPPHP may be a separate document or combined with other Project construction monitoring plans, as appropriate. Sound Transit shall incorporate the property-specific protection measures into the Project plans, when appropriate, and shall ensure the terms of the CPPHP(s) are implemented.

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C. Depending on the type of historic property, the expected effects, and the conditions or Mitigation Plan(s) as written, Sound Transit may include the following measures in the CPPHP:

1) Construction Protection Measures (CPMs) that detail the specific protection measures and procedures to be implemented during Project construction to protect historic properties.
2) Historic Property Inspections (pre-, during, and post-construction) that provide a baseline of existing structural and physical conditions to facilitate identification and documentation of any structural and/or cosmetic damage caused by Project construction. Inspection reports will be shared with DAHP, Consulting Tribes, and Consulting Parties. Inspections shall include, but are not limited to, building/structure foundations, exterior and interior elements, topography, landscaping, and any other historically significant or character-defining features of the property to document any pre-existing defects or other damage. Inspection documentation shall include photographs and narrative to document the observed conditions before and after Project construction, and as needed during Project construction. Depending on the type and nature of the historic property and anticipated effects to it, photographic documentation should include, but is not limited to: ceilings, roofs, exterior and interior walls, windows, masonry, foundations, all sides of the exterior of the building, structure and bridge wingwalls, beams, substructures and superstructures, plumbing, equipment, fences and landscape walls, topography, vegetation, driveways and sidewalks, and any historically significant or character-defining features of the property. Photographs shall be appropriately detailed and in focus, properly composed, and with adequate lighting to clearly show existing conditions such as deterioration and cracking that may be subject to dispute after initiation of Project construction.
3) Vibration Management and Remediation Measures (VMRMs) to address ground-borne vibration caused by Project construction when it is projected to have a moderate to severe impact under FTA's noise and vibration impact criteria that may result in an Adverse Effect on a historic property.
4) Other types of potential measures may include but are not limited to: maintenance of property access and noise minimization and mitigation measures when noise caused by Project construction and/or operations is anticipated to have an Adverse Effect on a historic property.

XI) Unanticipated Effects to Known Historic Properties

A. If previously known historic properties are affected in an unanticipated manner during Project construction, all activities shall cease within 50 feet of the discovery to avoid and/or minimize harm to the property. Sound Transit shall include in Project construction contracts a requirement for the Project Construction Contractor to immediately notify Sound Transit of the effect and implement interim measures to protect the property from damage, looting, and vandalism. Measures may include, but are not limited to: protective fencing, covering of the property with appropriate materials, and/or posting of security personnel. The Project Construction Contractor shall not resume work within the restricted 50-foot zone until notified by Sound Transit. Sound Transit shall immediately notify FTA. FTA shall then notify DAHP, other Consulting Parties, and the property owner within 24 hours. Sound Transit shall ensure a historic property inspection as described in Paragraph C of this stipulation is prepared as soon as practicable to document damage to the historic property.

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B. If reasonably convenient and appropriate, Sound Transit, DAHP, Consulting Tribes, other Consulting Parties (as appropriate) and the property owner, when applicable, shall confer at the site within forty-eight (48) hours of notice of discovery to assess the property, determine the likely Project effects to the property, and to determine the most appropriate course of action to repair any damage, if feasible.
    1) The course of action shall specify the type of repair, the review process for the scope of work, and the responsibilities for ensuring repairs are made appropriately, including preparation of a post-construction historic property inspection as described in Paragraph C(2) of this stipulation. The course of action shall also outline where and when it may be safe to resume construction activities within and/or in the vicinity of the historic property. Whenever possible, measures to repair historic properties shall be developed so that they meet the SOI Standards and are carried out under the direct supervision of personnel that meet the requirements described in Stipulation II.
    2) Within forty-eight (48) hours of the meeting, Sound Transit shall prepare draft meeting notes documenting the results of the onsite meeting and a draft of the proposed course of action and provide them, and the historic property inspection prepared under Paragraph A of this stipulation, to meeting attendees for review. Attendees of the meeting have forty-eight (48) hours to review draft meeting notes, proposed course of action, and provide comments to Sound Transit. Sound Transit shall finalize the meeting notes and course of action within twenty-four (24) hours after receiving comments and provide them to meeting attendees and FTA.

C. Once a course of action to repair the damage and further protect the property has been developed and consented to by the Project Construction Contractor and the property owner, FTA in coordination with Sound Transit shall assess effects pursuant to Stipulation VIII. FTA shall review Sound Transit's assessment of effects and recommendations, and if acceptable, submit a finding of effect to DAHP, Consulting Tribes, and other Consulting Parties for review pursuant to Stipulation IV. If necessary, FTA shall resolve any Adverse Effects pursuant to Stipulation IX.

XII) Identification and Evaluation of Archaeological Properties

Inventory and evaluation of potential archaeological resources have not been completed for all areas of the Project where ground disturbance may occur. Some areas of expected ground disturbance are on property where access could not be secured prior to acquisition of the property. Some areas of expected ground disturbance are beneath existing infrastructure (buildings, utilities, and other obstructions) that cannot feasibly be removed until construction. Finally, it is possible that design changes could result in additional areas of ground disturbance.

A. Sound Transit will prepare a comprehensive study on the Indigenous ethnography of the APE and surrounding area. The scope of this ethnographic study will be developed in coordination with Consulting Tribes pursuant to Stipulation III(D). Such a study will be used to identify areas of archaeological or cultural resource sensitivity beyond those previously identified. Such study is not required to be completed prior to beginning investigations described in this stipulation.

B. An Archaeological Treatment Plan "Treatment Plan" and Archaeological Monitoring Plan "Monitoring Plan" (Attachment C) together detail processes for the following:
    1) Archaeological investigations to occur prior to and during construction;
    2) Archeological monitoring of construction activities; and

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3) Procedures for addressing inadvertent discoveries of archaeological resources as well as human remains.

C. The Treatment Plan:

1) Identifies ground disturbing project elements, describing both vertical and horizontal extent of ground disturbance including a discussion of the nature of spoils produced, as appropriate;
2) Provides detail regarding known subsurface geologic conditions including detailed consideration of geoarchaeology based on existing data;
3) Identifies specific areas of elevated archaeological probability within the APE;
4) Identifies specific ground disturbing elements of the Project within each of the areas of elevated probability;
5) Makes recommendations for archaeological investigations based on archaeological sensitivity and anticipated ground disturbance;
6) Describes a process for developing and implementing specific work plans for each archaeological investigation and/or archaeologically sensitive area;
7) Describes a process for NRHP evaluation of newly identified archaeological resources in consultation with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate);
8) Describes a process for assessing effects to newly identified NRHP-eligible archaeological resources in consultation with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate); and
9) Identifies laboratory and curation procedures for archaeological resources.

XIII) Consultation to Avoid, Minimize, or Mitigate Adverse Effects on Archaeological Resources

A. FTA in coordination with Sound Transit and in consultation with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate) will apply the criteria of adverse effect (36 CFR § 800.5(a)(1)) to NRHP-eligible archaeological properties within the APE and document its findings pursuant to Stipulation IV.

B. If FTA determines that the Project will have an adverse effect on any NRHP-eligible archaeological resources, FTA, in coordination with Sound Transit, will consult with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate) to explore measures to avoid, minimize, or mitigate adverse effects. FTA, in coordination with Sound Transit, will ensure the implementation of any modifications or conditions to avoid or minimize adverse effects agreed upon through consultation.

C. If adverse effects cannot be avoided, mitigation measures will be developed in consultation among FTA, Sound Transit, DAHP, Consulting Tribes, and other Consulting Parties (as appropriate). Mitigation measures may include but are not limited to data recovery, development of interpretive materials including art, and educational information. A Mitigation Plan will be developed to outline agreed upon mitigation pursuant to Stipulation IX(B). Plans may include treatment measures for one or more than one resource and will be subject to review pursuant to Stipulation IV.

D. FTA and Sound Transit will continue to consult with Consulting Tribes to address potential effects to Tribally known resources where impacts may not be observable.

XIV) Mitigation for Adverse Effects to 1309 62nd Avenue 4022 32nd Avenue Southwest (WISAARD ID 31927)

A. Sound Transit will prepare DAHP Level II Documentation for this historic structure. At a minimum this documentation will include historical background information, drawings, maps, photographs, and other information as outlined by DAHP's

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Mitigation Documentation Standards document. This documentation will be reviewed by DAHP, Consulting Tribes, and other Consulting Parties (as appropriate), pursuant to Stipulation IV. This documentation will be offered to state and/or federal repositories for their archives. This information will also be available for public access via the project website or other accessible information portal.

XV) Mitigation for Adverse Effects to Archaeological Site 45PI1557

A. Sound Transit will develop a data recovery plan in consultation with the Puyallup Tribe of Indians and DAHP for portions of the project where impacts to this site cannot be avoided. The data recovery plan will include procedures for delineating this site as well as conducting data recovery investigations. The plan shall outline the agreed upon methods to be used to ensure archaeological materials are recovered in a systematic way, analyzed, documented and prepared for curation pursuant to 36 CFR § 79 This documentation will be reviewed by DAHP, Consulting Tribes, and other Consulting Parties (as appropriate), pursuant to Stipulation IV.

XVI) Historic Utilities

Sound Transit will conduct survey and inventory work to identify extant subsurface historic utilities within the APE that may be encountered during ground disturbing activities related to project construction but not specifically those which may be encountered during design development activities (e.g., “potholing for utilities”). These historic utilities will be evaluated for NRHP eligibility pursuant to Stipulation VI and effects to those utilities, if any, will be assessed pursuant to Stipulation VIII and resolved pursuant to Stipulation IX. This work may be conducted in stages following design milestones (e.g., 30%, 60%, 90%, 100%). Historic utilities still in use will be documented on historic property inventory forms consistent with DAHP guidance. Abandoned or remnant utilities, no longer in use, will be documented as an archaeological resource and evaluated pursuant to Stipulation VI of this agreement and if they are NRHP eligible consultation to assess and resolve adverse effects will follow procedures outlined in Stipulations VIII and IX respectively.

XVII) Construction Management Plans

A. Potential Construction Management Plans requiring Consulting Party review may include but are not limited to: haul routes, construction staging, noise, lighting and glare, vibration, installation of landscaping, natural and/or cultural resources mitigation where adverse effects to historic properties are possible. As design on the project advances, potential effects to historic properties will be regularly assessed pursuant to Stipulation VII. As such, the design and construction contractors are anticipated to develop control plans for these effects. FTA and Sound Transit will share these plans with DAHP, Consulting Tribes, and other Consulting Parties. These plans will be reviewed pursuant to IV. Anticipated plans include:

1) Hauling plan(s)
2) Construction staging
3) Noise
4) Lighting and glare
5) Vibration monitoring
6) Landscaping
7) Natural resource mitigation plans

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XVIII) Inadvertent Discoveries

A. Should human remains, funerary objects, sacred objects, or objects of cultural patrimony be discovered at any time prior to or during construction, all ground disturbing activities within at least 50 feet of the discovery location will cease immediately. Sound Transit and its respective contractors shall follow the procedures in the Inadvertent Discovery Plan (Attachment C).

B. Should archaeological resources be discovered during construction activities, all ground disturbing work within at least 50 feet of the discovery location will cease and Sound Transit and its respective contractors will follow procedures in the Inadvertent Discovery Plan for the discovery of archaeological sites or objects in Attachment C.

XIX) Cultural Resources Orientation

A. Prior to construction, Sound Transit shall conduct cultural resources orientation to ensure that all construction-related commitments in this Agreement are properly tracked and executed. This orientation will be directed towards Sound Transit contractors and subcontractors assigned to the Project and responsible for overseeing construction. In addition, Sound Transit shall conduct mandatory orientation for the on-site construction managers, supervisors, inspectors, field crews, and archaeological and Tribal monitors, for purposes of awareness and sensitivity to archaeological resources and other cultural resources in the APE.

B. The purpose of the orientation will be to inform construction management, supervisors, inspectors, and field crews of their role and responsibility to report suspected archaeological resources or human remains encountered during construction activities, and the procedures that must be followed to ensure against further disturbance until the discovery is resolved. The orientation will be based on the process outlined in the Archaeological Monitoring, Identification and Treatment Plan (Attachment C) which includes an inadvertent discovery plan.

C. Sound Transit SOI-Qualified persons shall develop the specific content, format, and outcomes of the orientation in consultation with FTA and DAHP, Consulting Tribes, and other Consulting Parties (as appropriate).

D. The first draft of the orientation program will be developed no later than 120 days after the execution of this Agreement.

E. Up to 2 (two) drafts of the orientation program will be developed and reviewed by DAHP, Consulting Tribes, and other Consulting Parties pursuant to Stipulation IV.

XX) Reviewing and Reporting of Agreement Implementation

A. Every six (6) months following the execution of this Agreement and until it expires or is terminated, Sound Transit shall provide FTA, DAHP, Consulting Tribes, and other Consulting Parties a summary report detailing work undertaken pursuant to its terms. Subject to the confidentiality requirements in 54 U.S.C. § 307103 and 36 CFR § 800.11(c), each report shall include an itemized listing of all measures required to implement the terms of this Agreement. Each report shall also include a timetable of activities proposed for implementation within the following reporting period and, as applicable, notices of the initiation of construction for individual construction bid packages.

B. DAHP, Consulting Tribes, and other Consulting Parties shall review the reports pursuant to the timelines established in Stipulation IV. Sound Transit shall notify the public via the Project website or other publicly accessible format, as appropriate, about the publication of the quarterly reports and that the reports are available for

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inspection and review upon request. Sound Transit shall share any comments received from the public with DAHP, Consulting Tribes, and other Consulting Parties.

C. At its own discretion, or at the request of any Signatory, FTA shall convene a meeting to facilitate review and comment on the reports, and to resolve any questions about their content and/or to resolve objections or concerns.

D. FTA in coordination with Sound Transit will schedule annual project meetings with DAHP staff including the State Historic Preservation Officer to share information on the project. Attendees may include technical staff and leadership at FTA, Sound Transit, DAHP, as well as Consulting Tribes and Consulting Parties.

XXI) Collection and Curation

If archaeological resources are collected, and FTA and Sound Transit, in consultation with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate), determines them to be significant and worthy of preservation, and DAHP agrees, any costs associated with the collection, preparation and curation of artifacts shall be the responsibility of Sound Transit. Sound Transit will ensure that collections are accessioned at a facility meeting the requirements of 36 CFR § 79, Curation of Federally Owned or Administered Archaeological Collections, unless otherwise indicated by state or local law. Sound Transit and FTA will consult with DAHP, Consulting Tribes, and other Consulting Parties (as appropriate) on facilities for curation. Per RCW 27.53, artifacts recovered from private property are the property of the landowner. Disposition of such artifacts recovered during the project will be determined by FTA in consultation with the landowner. Additional information on curation is included in the Treatment Plan (Attachment C).

XXII) Duration

A. This Agreement shall remain in effect from the date of execution for a period not to exceed ten (10) years. If FTA anticipates that the terms of this Agreement shall not be completed within this timeframe, it shall notify DAHP, Consulting Tribes, and other Consulting Parties in writing at least sixty (60) calendar days prior to this Agreement's expiration date. This Agreement may be extended by the written concurrence of the Signatories.

B. FTA shall ensure the Agreement is extended if all the stipulations have not been completed. If this Agreement expires and FTA elects to continue with the Project, FTA shall reinitiate Section 106 consultation in accordance with 36 CFR § 800.

C. If, prior to the expiration date, FTA determines all the activities subject to this Agreement are completed, including but not limited to implementation of any mitigation measures, then FTA may terminate this Agreement pursuant to Stipulation XXV.

XXIII) Dispute Resolution

A. Should any Signatory object at any time to any actions proposed or the manner in which the terms of this Agreement are implemented, FTA shall consult with such party to resolve the objection for a period not to exceed fifteen (15) calendar days. This resolution timeframe may be extended by mutual consent between FTA and the Consulting Party, with notification to the DAHP, Consulting Tribes, and other Consulting Parties.

B. If FTA and DAHP do not agree on the NRHP eligibility of a property, or if FTA and a Tribe that attaches religious and cultural significance to a historic property do not agree on a property's NRHP eligibility, FTA shall submit documentation to the Keeper of the NRHP and request a formal determination of eligibility pursuant to 36 CFR §

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63 and 36 CFR § 800.4(c)(2). The Keeper's eligibility determination shall be considered final.

C. If FTA and DAHP, Consulting Tribes, or other Consulting Parties do not agree on findings of effect or resolutions of Adverse Effects, FTA shall forward all documentation relevant to the dispute, including FTA's proposed resolution, to DAHP, Consulting Tribes, and other Consulting Parties and the ACHP.
    1) The ACHP shall provide FTA with its advice on the resolution of the objection within thirty (30) days of receiving adequate documentation. Prior to reaching a final decision on the dispute, FTA shall prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP and DAHP, Consulting Tribes, and other Consulting Parties and provide them with a copy of this written response. FTA shall then proceed according to its final decision.
    2) If the ACHP does not provide its advice regarding the dispute within thirty (30) days, FTA may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, FTA shall prepare a written response that takes into account any timely comments regarding the dispute from DAHP, Consulting Tribes, and other Consulting Parties and provide them and the ACHP with a copy of such written response.

D. FTA's responsibility to carry out all other actions subject to the terms of this Agreement that are not the subject of the dispute shall remain unchanged.

E. If a member of the public raises an objection in writing pertaining to implementation of this Agreement, FTA shall notify all parties to this Agreement in writing of the objection. Unless otherwise agreed upon, DAHP, Consulting Tribes, and other Consulting Parties have fifteen (15) calendar days to review and provide written comments on the objection to DAHP, Consulting Tribes, and other Consulting Parties. FTA shall consider the objection and take all comments from all parties into consideration in reaching its decision on the objection. Within fifteen (15) calendar days following closure of the comment period, FTA shall render a decision regarding the objection, respond to the objecting party, and proceed according to its decision. FTA's decision regarding resolution of the objection shall be final.

XXIV) Amendments

This Agreement may be amended when such an amendment is agreed to in writing by all Signatories and Invited Signatories. The amendment shall be effective on the date of the final signature by the Signatories and Invited Signatories. Copies of any amendments shall be provided to Consulting Tribes and other Consulting Parties and the ACHP.

XXV) Termination

A. If all terms of this Agreement have been completed prior to the expiration date, FTA may terminate the Agreement with notification to Signatories, Invited Signatories, and Concurring Parties that the terms of the Agreement have been completed. If any Signatory or Invited Signatory feels Agreement termination is premature, or that the terms of the Agreement have not been met, they shall respond within the timeframes outlined in Stipulation IV.

B. Any Signatory or Invited Signatory may terminate this Agreement by providing at least thirty (30) calendar days notice to Consulting Tribes and Consulting Parties. FTA shall consult with the Signatories and Invited Signatories during the thirty (30) calendar day notice period in an attempt to seek agreement on amendments or other actions that would avoid termination.

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XXVI) Execution

A. This Agreement may be executed in counterparts, with a separate page for each Signatory, Invited Signatory, and Concurring Party. This Agreement shall become effective on the date of the final signature by the Signatories and Invited Signatories. The refusal of any party invited to concur with this Agreement does not invalidate this Agreement. FTA shall ensure each Consulting Party is provided with a fully executed copy of this Agreement and that the final Agreement, updates to appendices, and any amendments are filed with the ACHP.

B. Execution of this Agreement by FTA and DAHP, and implementation of its terms is evidence that FTA has taken into account the effects of its Project on historic properties and has afforded the ACHP opportunity to comment pursuant to Section 106 of the National Historic Preservation Act.

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SIGNATURE PAGES

To be generated prior to execution

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Attachment A: Area of Potential Effects

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Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

N

0 1 2 Miles

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FIGURE 1-1
Tacoma Dome Link Extension
Area of Potential Effect (APE)
Tacoma Dome Link Extension

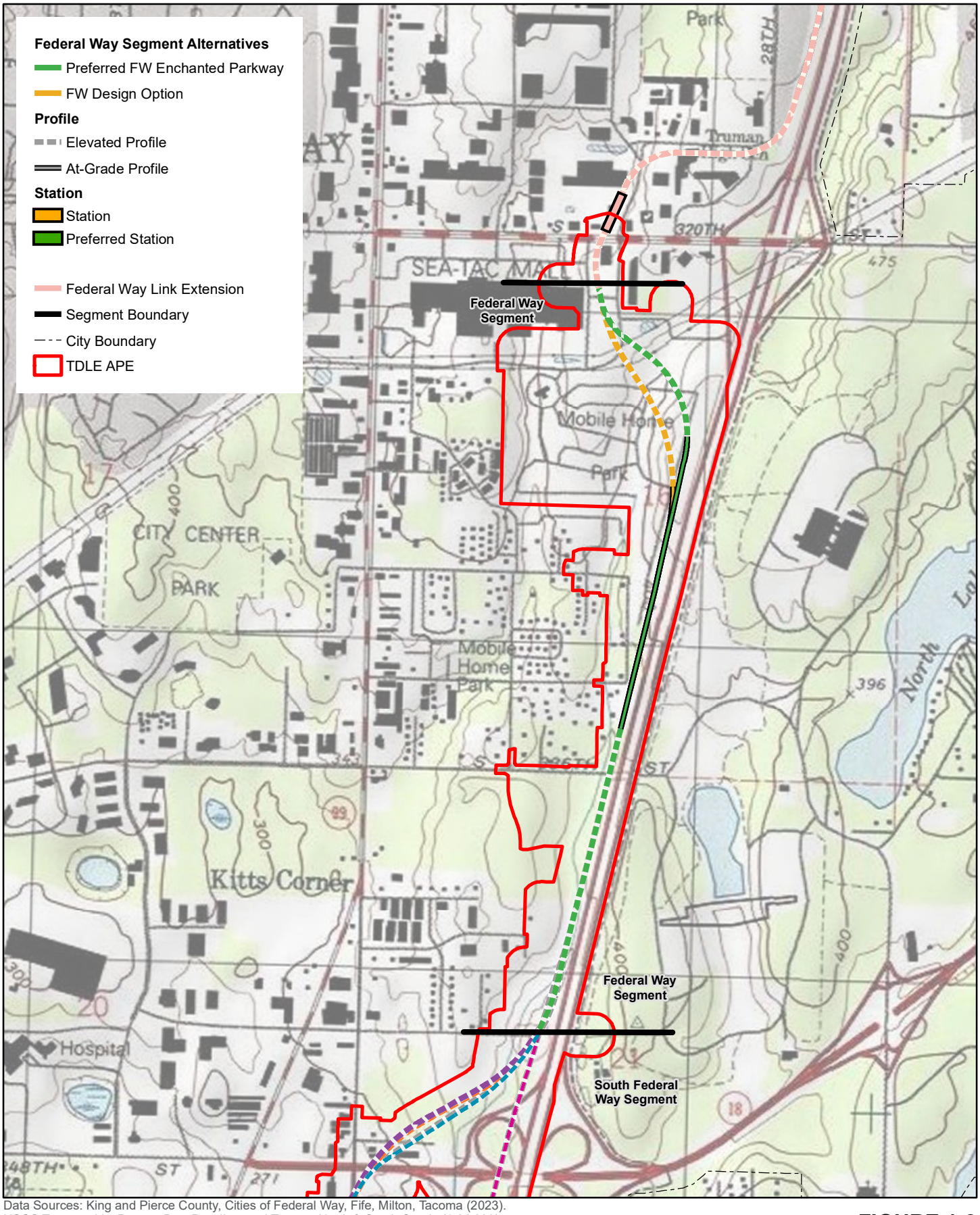

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

FIGURE 1-2
Alternatives
Federal Way Segment
Tacoma Dome Link Extension

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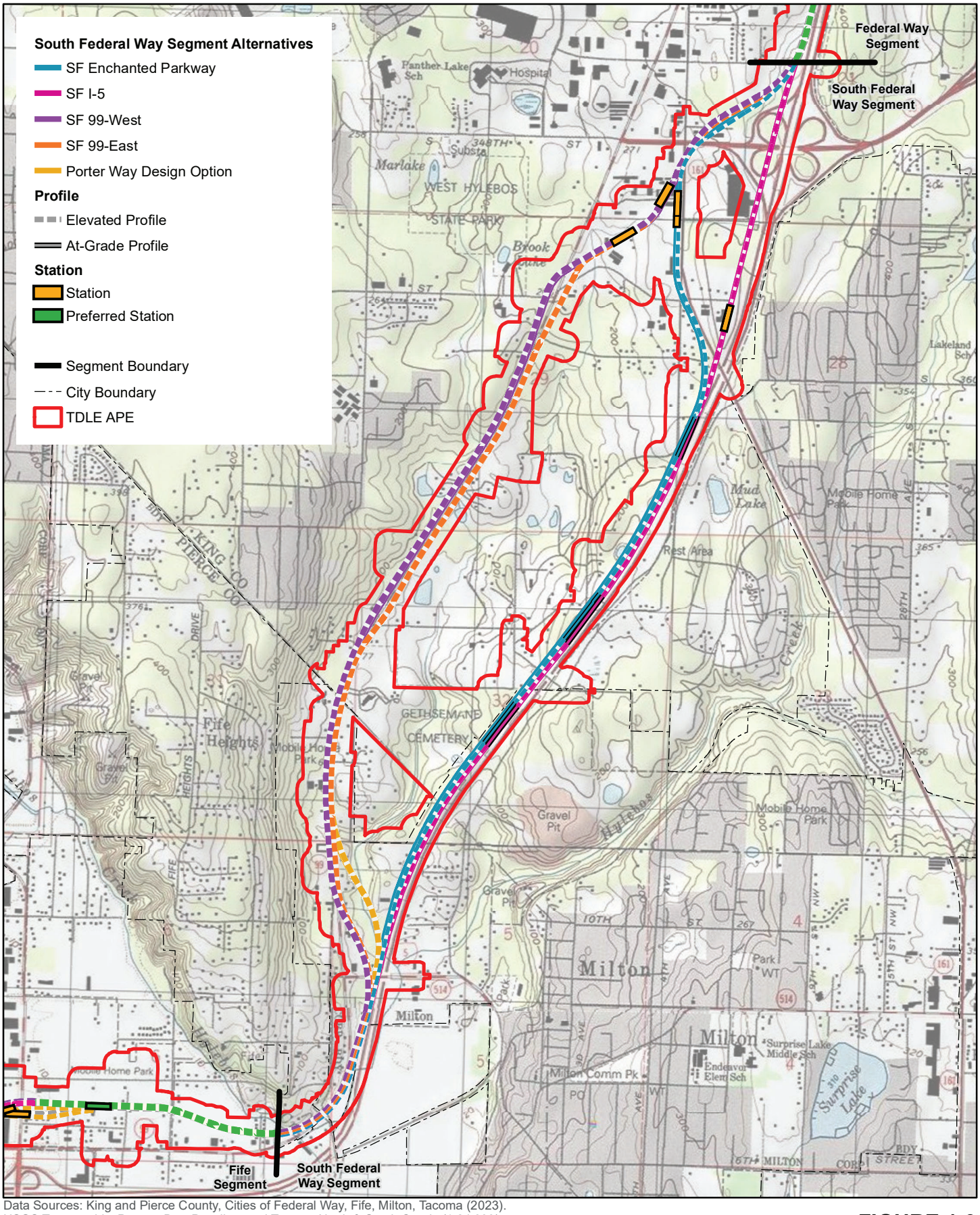

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-3
Alternatives
South Federal Way Segment

Tacoma Dome Link Extension

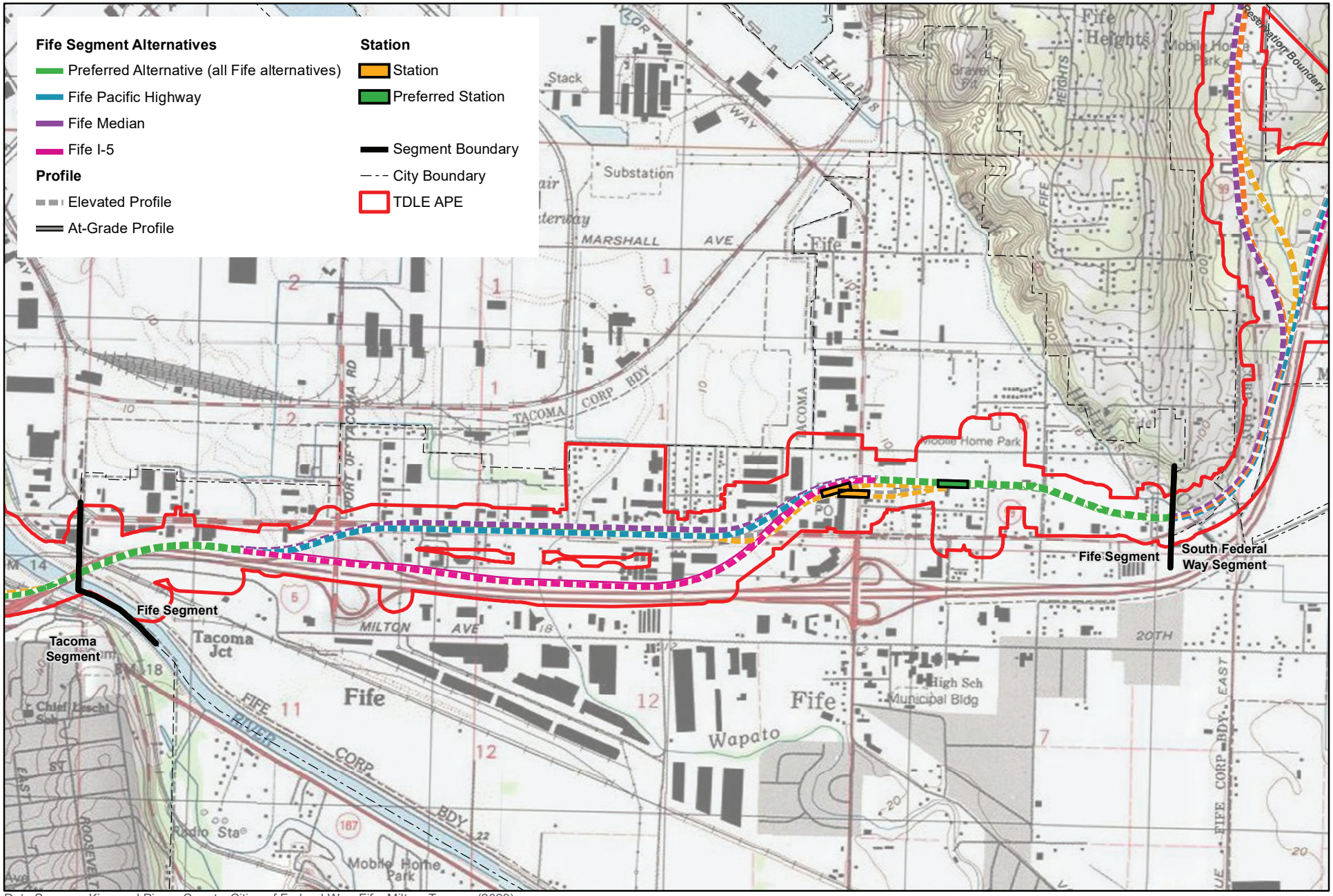

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-4
Alternatives
Fife Segment

Tacoma Dome Link Extension

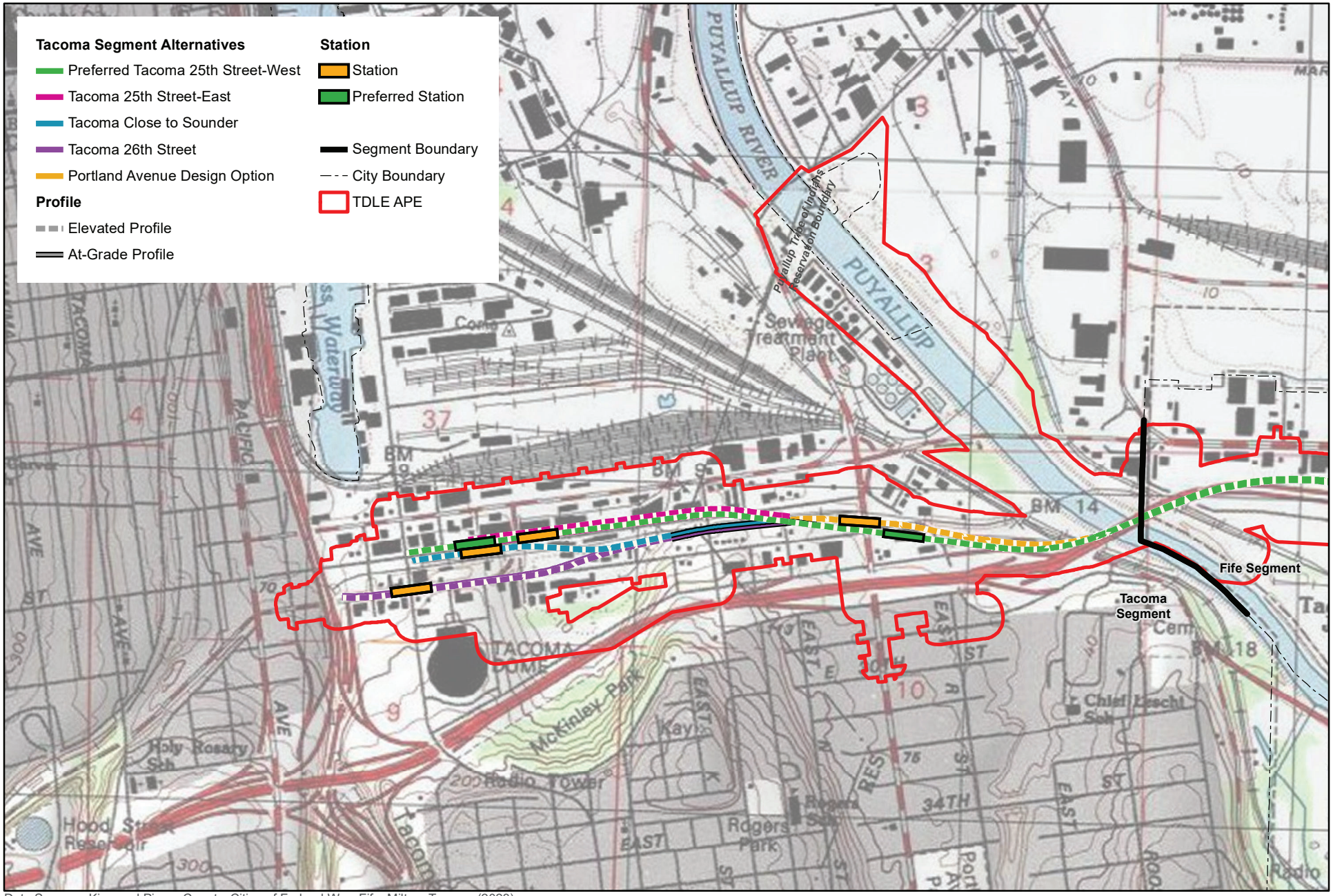

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).
USGS Topographic: Poverty Bay, Puyallup, and Tacoma North & South Quads (1:24,000).

N

0 0.5 1 Mile

FIGURE 1-5
Alternatives
Tacoma Segment

Tacoma Dome Link Extension

Attachment B: NRHP Eligible and Adversely Affected Known Historic Properties

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Segment	WISAARD Number	Property Name	Address	Build Date	Assessment of Effects
South Federal Way	731955	Denny's Restaurant	34726 16th Avenue S, Federal Way	1978	No Adverse Effect
South Federal Way	731975	Brooklake Community Center	726 S 356th Street, Federal Way	ca. 1929	No Adverse Effect
South Federal Way	731933	Commercial Building	7700 Pacific Highway E, Federal Way	1978	No Adverse Effect
South Federal Way	731992, 731994, 731995, 731996, 731998, 731999, 732000, 732001	Montessori Academy and Residence	36605 Pacific Highway S, Federal Way	ca. 1943	Adverse Effect Under the SF99-West Alternative
South Federal Way	396993	KCJ Stables and Residence	36530A Pacific Highway S, Federal Way	1900	Adverse Effect Under the SF99-West and SF-99 East Alternatives
South Federal Way	395115	Residence	36606 Pacific Highway S, Federal Way	1947	Adverse Effect Under the SF-99 East Alternative
South Federal Way	395874	Residence	36903 Pacific Highway S, Federal Way	1921	Adverse Effect Under the SF-99 West Alternative
South Federal Way	537584/ 725425	Gethsemane Catholic Cemetery	37600 Pacific Highway S, Federal Way	1974	No Adverse Effect
South Federal Way	731901	Daffodil Motel	7909 Pacific Highway E, Milton	1948	Adverse Effect Under the 99-West Alternative
Fife	31927	Residence	1309 62nd Avenue E, Fife	1900	Adverse Effect Under All Alternatives
Fife	104190	Pick-Quick Drive In	4306 Pacific Highway E, Fife	1950	Adverse Effect Under the Pacific Highway Alternative
Tacoma	536705	Residence	1320 E 26th Street, Tacoma	1914	No Adverse Effect Under Any Alternative
Tacoma	721797	Residence	1112 E 26th Street, Tacoma	1903	No Adverse Effect Under Any Alternative
Tacoma	516320	Residence	1106 E 26th Street, Tacoma	1903	No Adverse Effect Under Any Alternative
Tacoma	36396	Tacoma Eastern Railroad – Tacoma to Morton (Milwaukee, St. Paul, and Pacific Railroad)	N/A	ca. 1896	No Adverse Effect Under Any Alternative
Tacoma	722117	Puyallup River Levees	N/A	1950	No Adverse Effect Under Any Alternative

TDLE NRHP Eligible and Adversely Affected Historic Properties

Segment	WISAARD Number	Property Name	Address	Build Date	Assessment of Effects
Tacoma	31231	Milwaukee Railroad-Puyallup River Bridge, Tacoma (railroad crossing)	N/A	1910	No Adverse Effect Under Any Alternative
Tacoma	31786	Puyallup River Bridge, Tacoma (Pacific Highway E crossing)	N/A	1927	No Adverse Effect Under Any Alternative
Tacoma	90499	East 21st Street Bridge, Tacoma (Lincoln Avenue crossing)	N/A	1929	No Adverse Effect Under Any Alternative
Tacoma	722131	Northern Pacific Railway/BNSF	N/A	1873	No Adverse Effect Under Any Alternative
Tacoma	32815	BNSF Freight Warehouse	603-605 Puyallup Avenue, Tacoma	1945	No Adverse Effect Under Any Alternative
Tacoma	675759	Engine House No. 4	220-224 E 26th Street, Tacoma	1912	No Adverse Effect Under Any Alternative
Tacoma	536750	Commercial building	101 E 26th Street, Tacoma	1909	No Adverse Effect Under Any Alternative
Tacoma	536748	Commercial building	102 S 26th Street, Tacoma	1937	No Adverse Effect Under Any Alternative
Tacoma	536754	Commercial	110 E 26th Street, Tacoma	1920	No Adverse Effect Under Any Alternative
Tacoma	722335	Commercial	102 E 26th Street, Tacoma	1962	No Adverse Effect Under Any Alternative

Attachment C: Archaeological Investigations, Monitoring, and Treatment Plan and Inadvertent Discovery Plan

This document is in preparation and will be reviewed by Consulting Tribes and will be subject to the confidentiality requirements in 54 U.S.C. § 307103 and 36 CFR § 800.11(c).

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